

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\  
 Data File : VX011136.D  
 Acq On : 29 Jul 2019 11:29  
 Operator : JC/SP  
 Sample : VX0729WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBS01

Quant Time: Jul 30 05:02:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 24 05:39:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 195067   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 280133   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 258909   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 140694   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 104855   | 50.53 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.06% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 94916    | 53.38 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.76% |      |
| 50) Toluene-d8            | 8.71   | 98  | 355656   | 53.33 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.66% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 131616   | 53.69 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.38% |      |

## Target Compounds

|                               |      |     |        |        | Qvalue |     |
|-------------------------------|------|-----|--------|--------|--------|-----|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 37920  | 18.578 | ug/l   | 98  |
| 3) Chloromethane              | 1.33 | 50  | 34018  | 18.964 | ug/l   | 98  |
| 4) Vinyl Chloride             | 1.41 | 62  | 35456  | 19.378 | ug/l   | 98  |
| 5) Bromomethane               | 1.64 | 94  | 21258  | 20.617 | ug/l   | 98  |
| 6) Chloroethane               | 1.72 | 64  | 22603  | 19.439 | ug/l   | 98  |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 63322  | 20.445 | ug/l   | 97  |
| 8) Diethyl Ether              | 2.19 | 74  | 20741  | 19.436 | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 36087  | 20.406 | ug/l   | 97  |
| 10) Methyl Iodide             | 2.51 | 142 | 37121  | 15.996 | ug/l   | 99  |
| 11) Tert butyl alcohol        | 3.04 | 59  | 44196  | 91.447 | ug/l   | 99  |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 33393  | 19.219 | ug/l   | 97  |
| 13) Acrolein                  | 2.29 | 56  | 14089  | 50.456 | ug/l   | 94  |
| 14) Allyl chloride            | 2.73 | 41  | 48587  | 19.251 | ug/l   | 99  |
| 15) Acrylonitrile             | 3.14 | 53  | 95817  | 98.113 | ug/l   | 99  |
| 16) Acetone                   | 2.44 | 43  | 88095  | 93.991 | ug/l   | 98  |
| 17) Carbon Disulfide          | 2.57 | 76  | 72844  | 16.344 | ug/l   | 99  |
| 18) Methyl Acetate            | 2.77 | 43  | 44894  | 21.036 | ug/l   | 99  |
| 19) Methyl tert-butyl Ether   | 3.19 | 73  | 110610 | 19.775 | ug/l   | 97  |
| 20) Methylene Chloride        | 2.85 | 84  | 37871  | 19.066 | ug/l   | 99  |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 34891  | 18.926 | ug/l   | 100 |
| 22) Diisopropyl ether         | 3.85 | 45  | 106153 | 19.943 | ug/l   | 93  |
| 23) Vinyl Acetate             | 3.81 | 43  | 441764 | 97.951 | ug/l   | 100 |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 60847  | 19.683 | ug/l   | 100 |
| 25) 2-Butanone                | 4.67 | 43  | 130757 | 97.186 | ug/l   | 97  |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 50471  | 19.885 | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 41011  | 19.221 | ug/l   | 100 |
| 28) Bromochloromethane        | 5.01 | 49  | 29184  | 20.034 | ug/l   | 98  |
| 29) Tetrahydrofuran           | 5.12 | 42  | 80521  | 94.480 | ug/l   | 99  |
| 30) Chloroform                | 5.20 | 83  | 65593  | 19.631 | ug/l   | 100 |
| 31) Cyclohexane               | 5.57 | 56  | 53056  | 18.830 | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 56908  | 19.686 | ug/l   | 98  |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 47460  | 20.625 | ug/l   | 99  |
| 37) Ethyl Acetate             | 4.83 | 43  | 46981  | 19.939 | ug/l   | 97  |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 49362  | 20.587 | ug/l   | 99  |

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 Data File : VX011136.D  
 Acq On : 29 Jul 2019 11:29  
 Operator : JC/SP  
 Sample : VX0729WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBS01

Quant Time: Jul 30 05:02:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 24 05:39:23 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 58907    | 19.741  | ug/l  | 98       |
| 40) Benzene                    | 6.13  | 78   | 144129   | 20.448  | ug/l  | 98       |
| 41) Methacrylonitrile          | 5.04  | 41   | 26468    | 19.788  | ug/l  | 98       |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 50002    | 20.403  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.44  | 43   | 77086    | 19.897  | ug/l  | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 41209    | 19.751  | ug/l  | 95       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 36971    | 20.608  | ug/l  | 94       |
| 46) Dibromomethane             | 7.66  | 93   | 26254    | 20.480  | ug/l  | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 48300    | 21.166  | ug/l  | 100      |
| 48) Methyl methacrylate        | 7.77  | 41   | 37276    | 19.750  | ug/l  | 98       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 20974    | 397.280 | ug/l  | 97       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 260057   | 103.548 | ug/l  | 100      |
| 52) Toluene                    | 8.78  | 92   | 94269    | 20.359  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 49478    | 20.165  | ug/l  | 97       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 55342    | 20.270  | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 39466    | 20.700  | ug/l  | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 56994    | 20.437  | ug/l  | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 62765    | 20.752  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 138651   | 104.149 | ug/l  | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 202800   | 104.110 | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 40838    | 20.199  | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 9.66  | 107  | 41768    | 20.643  | ug/l  | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 42674    | 20.952  | ug/l  | 96       |
| 65) Chlorobenzene              | 10.13 | 112  | 109364   | 20.566  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 38855    | 20.790  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 182512   | 20.164  | ug/l  | 100      |
| 68) m/p-Xylenes                | 10.35 | 106  | 142622   | 41.077  | ug/l  | 99       |
| 69) o-Xylene                   | 10.69 | 106  | 69123    | 20.399  | ug/l  | 100      |
| 70) Styrene                    | 10.71 | 104  | 116331   | 20.594  | ug/l  | 99       |
| 71) Bromoform                  | 10.85 | 173  | 30313    | 19.454  | ug/l  | # 98     |
| 73) Isopropylbenzene           | 11.01 | 105  | 186697   | 19.639  | ug/l  | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 68613    | 18.889  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 61633    | 19.811  | ug/l  | 98       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 64341    | 25.342  | ug/l  | 84       |
| 77) Bromobenzene               | 11.25 | 156  | 50608    | 19.299  | ug/l  | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 209639   | 19.958  | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 123836   | 19.625  | ug/l  | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 158558   | 19.960  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 16742    | 19.357  | ug/l  | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 146025   | 19.883  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 154981   | 19.862  | ug/l  | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 159720   | 19.949  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 189017   | 20.674  | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 170443   | 20.165  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 90828    | 19.959  | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 90922    | 19.481  | ug/l  | 98       |
| 89) n-Butylbenzene             | 12.38 | 91   | 147850   | 20.446  | ug/l  | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 25474    | 19.108  | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 92310    | 20.467  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 13306    | 20.461  | ug/l  | 93       |

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Data File : VX011136.D  
Acq On : 29 Jul 2019 11:29  
Operator : JC/SP  
Sample : VX0729WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

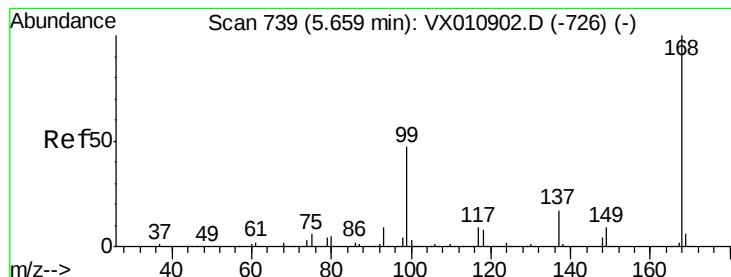
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0729WBS01

Quant Time: Jul 30 05:02:47 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 24 05:39:23 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 62872    | 20.570 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 32780    | 21.642 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 186805   | 20.697 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 63897    | 21.010 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

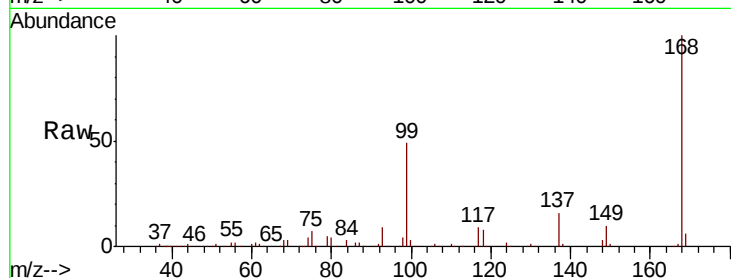
VX0729WBS01

Tot Ion:168 Resp: 195067

Ion Ratio Lower Upper

168 100

99 48.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

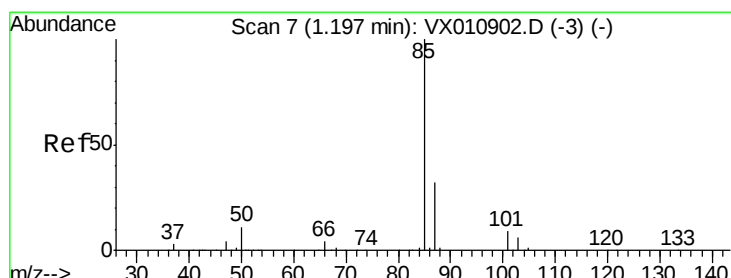
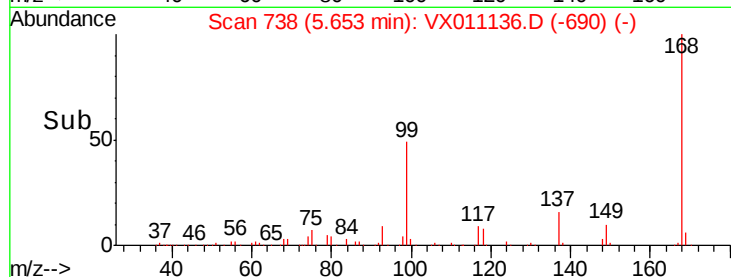
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.578 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011136.D

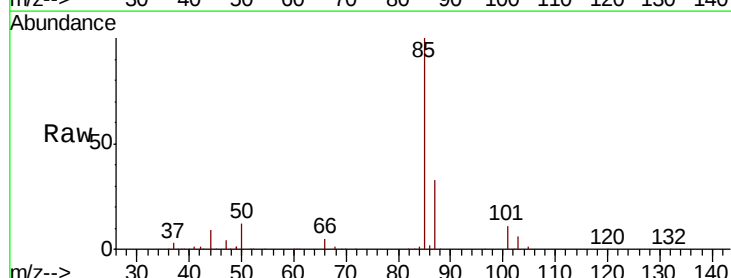
Acq: 29 Jul 2019 11:29

Tgt Ion: 85 Resp: 37920

Ion Ratio Lower Upper

85 100

87 32.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

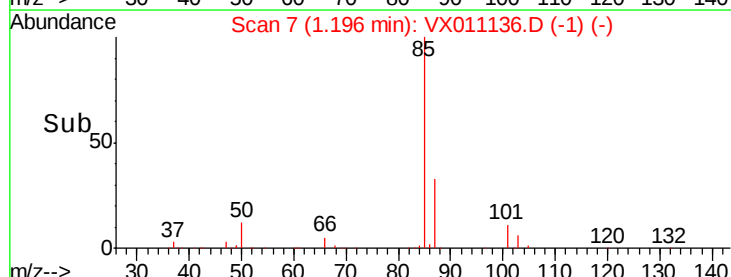
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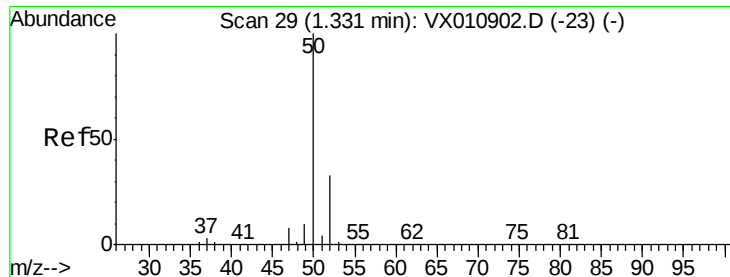
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.964 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

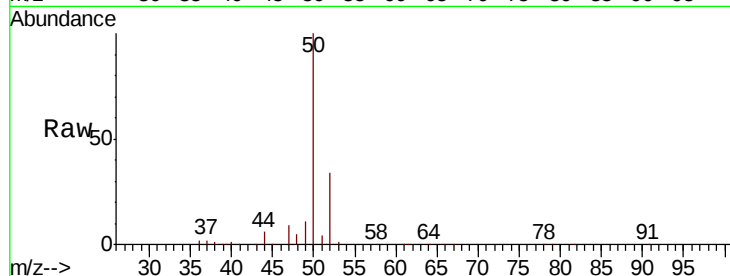
VX0729WBS01

Tot Ion: 50 Resp: 34018

Ion Ratio Lower Upper

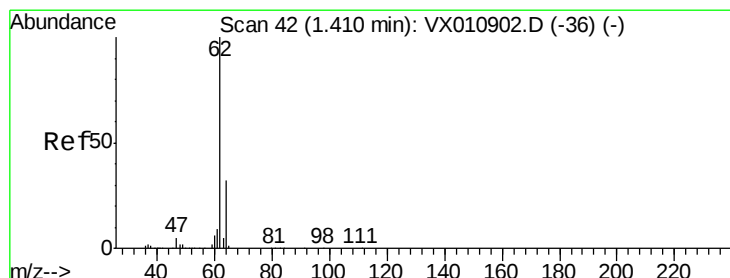
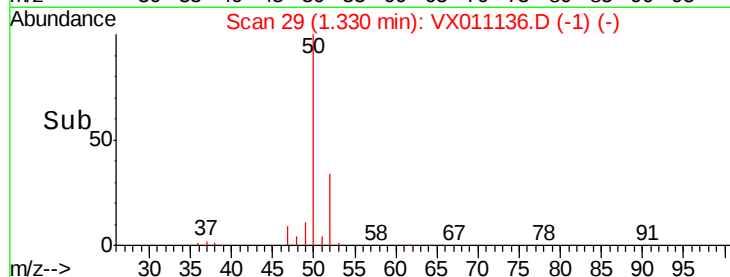
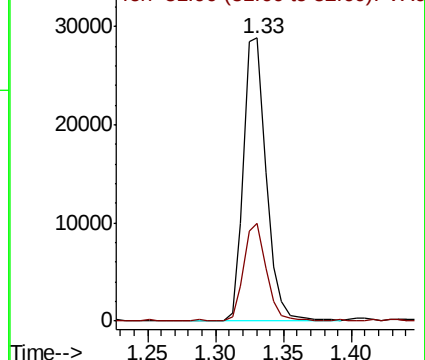
50 100

52 34.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.378 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011136.D

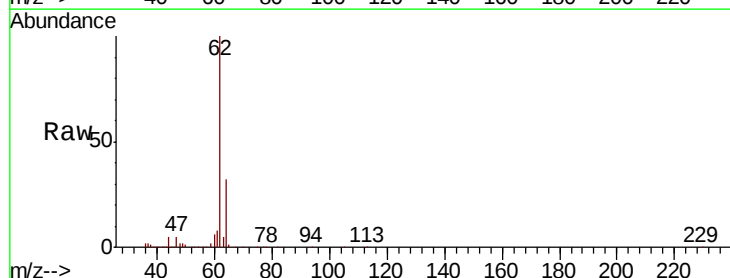
Acq: 29 Jul 2019 11:29

Tgt Ion: 62 Resp: 35456

Ion Ratio Lower Upper

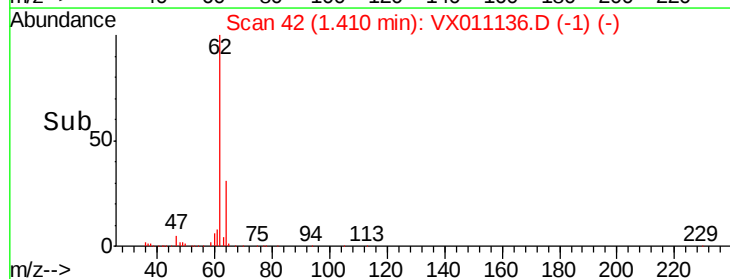
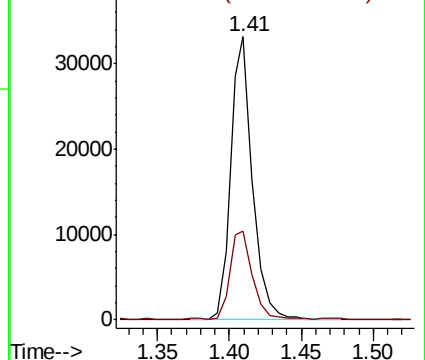
62 100

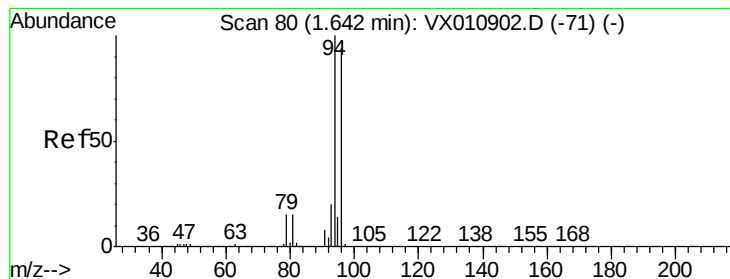
64 31.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.617 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

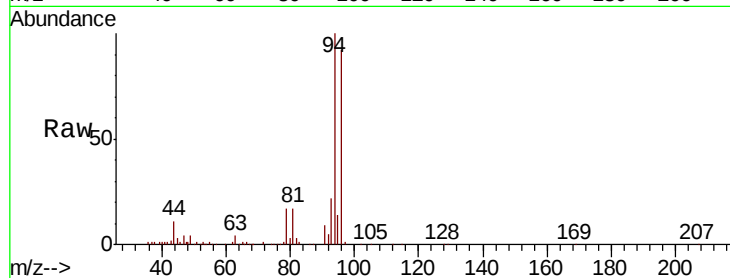
VX0729WBS01

Tot Ion: 94 Resp: 21258

Ion Ratio Lower Upper

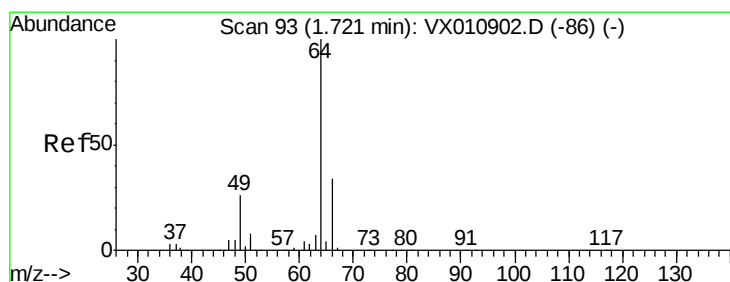
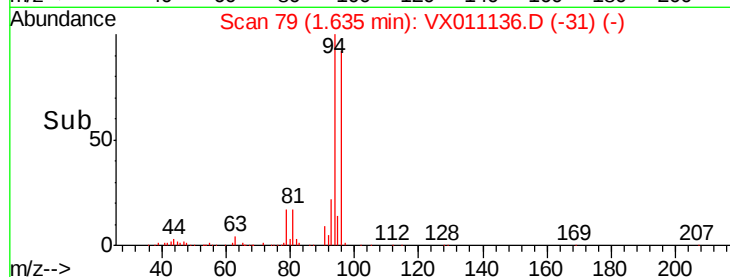
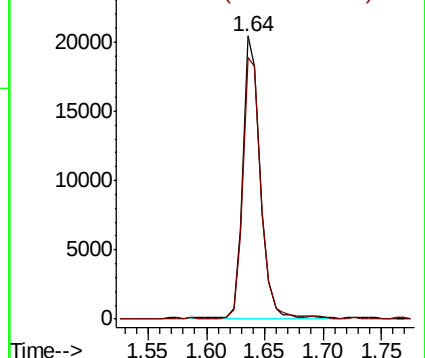
94 100

96 92.4 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.439 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011136.D

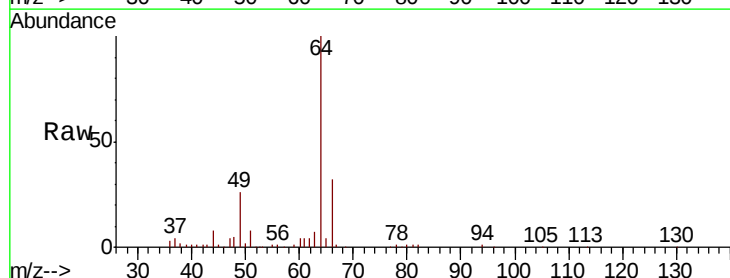
Acq: 29 Jul 2019 11:29

Tgt Ion: 64 Resp: 22603

Ion Ratio Lower Upper

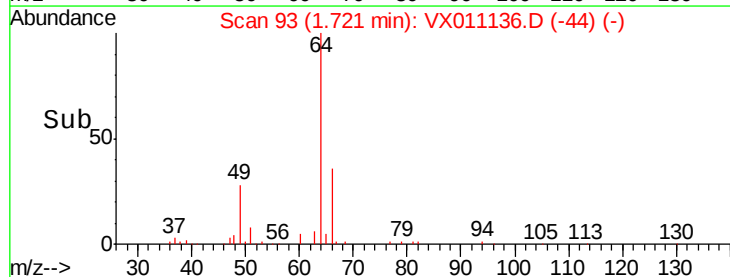
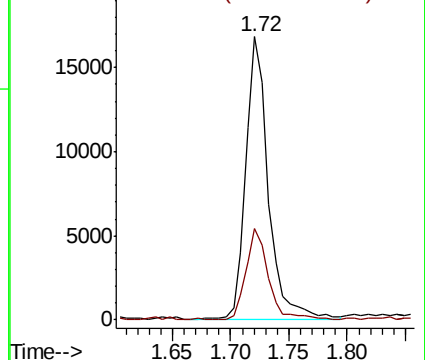
64 100

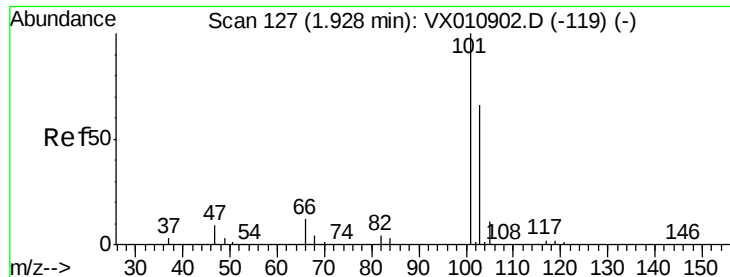
66 32.6 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



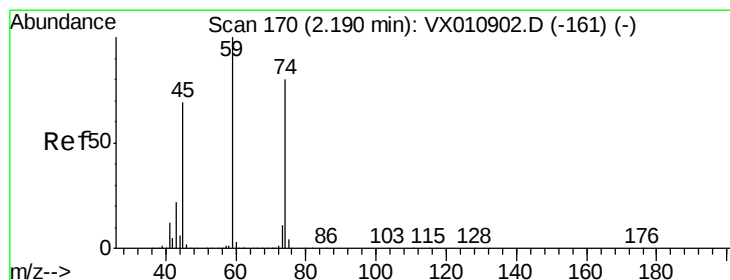
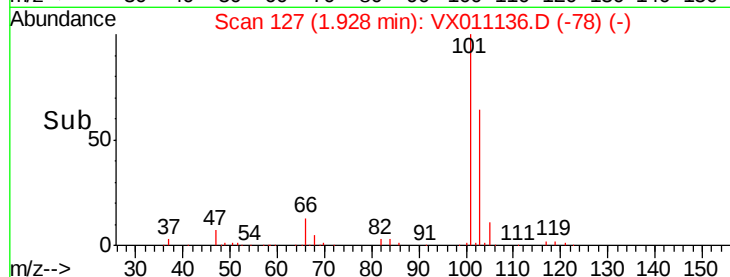
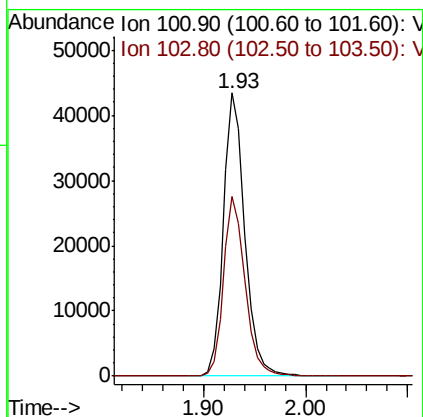
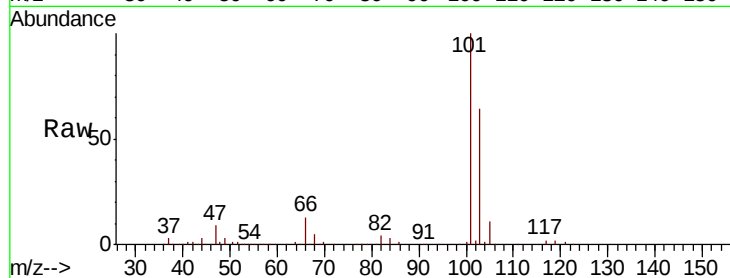


#7

Trichlorofluoromethane  
Concen: 20.445 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. -0.00 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0729WBS01

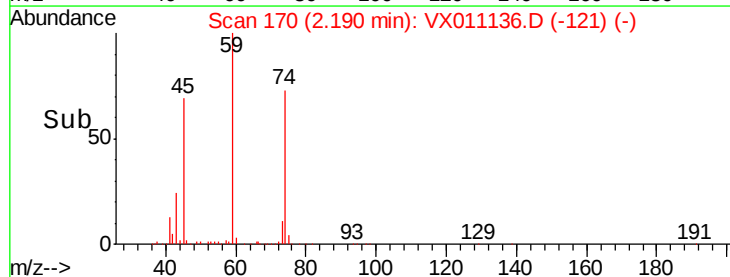
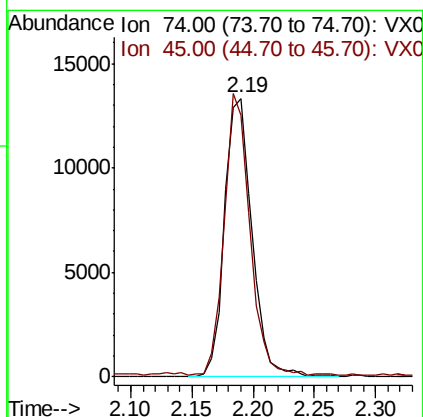
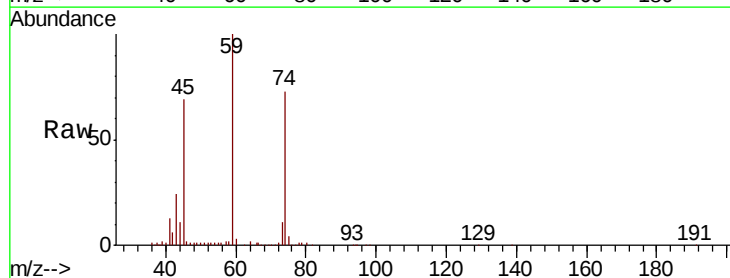
Tot Ion:101 Resp: 63322  
Ion Ratio Lower Upper  
101 100  
103 63.5 52.6 78.8



#8

Diethyl Ether  
Concen: 19.436 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

Tgt Ion: 74 Resp: 20741  
Ion Ratio Lower Upper  
74 100  
45 94.0 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.406 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampled :

VX0729WBS01

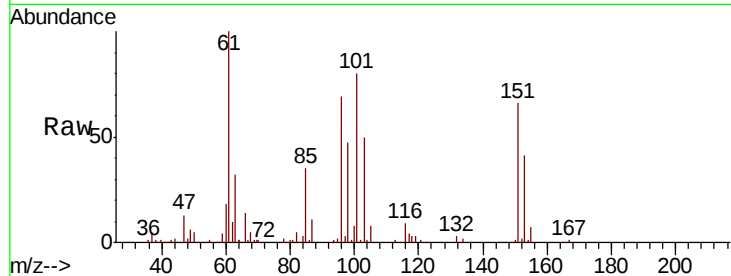
Tot Ion:101 Resp: 36087

Ion Ratio Lower Upper

101 100

85 43.5 34.6 52.0

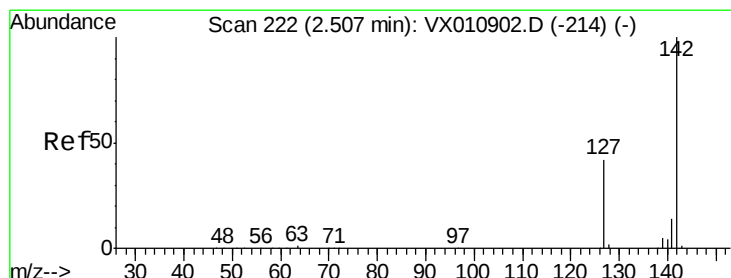
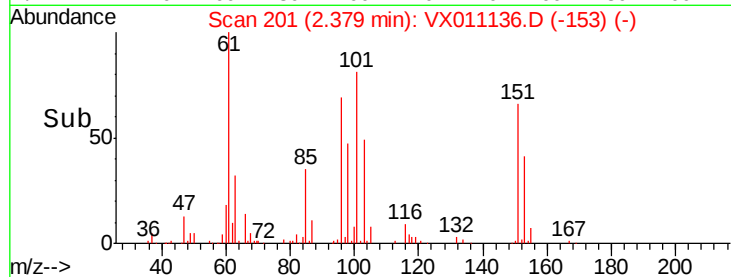
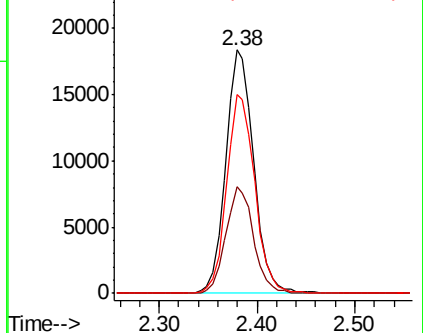
151 82.8 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.996 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

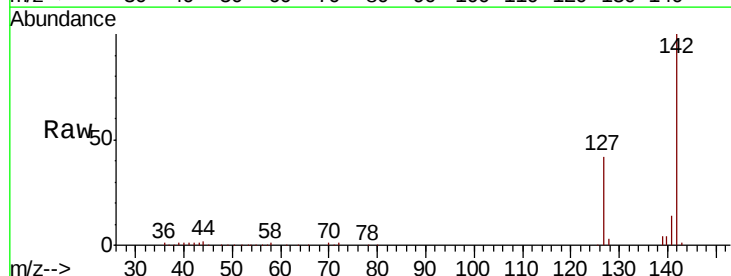
Tgt Ion:142 Resp: 37121

Ion Ratio Lower Upper

142 100

127 42.4 34.2 51.4

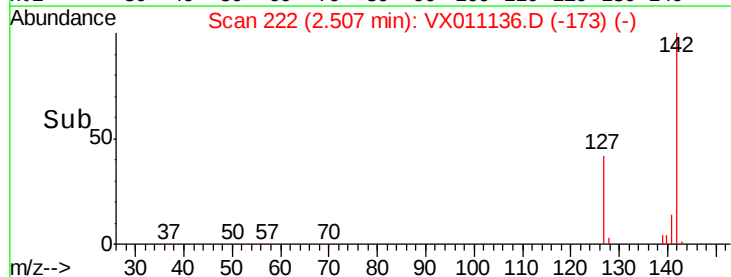
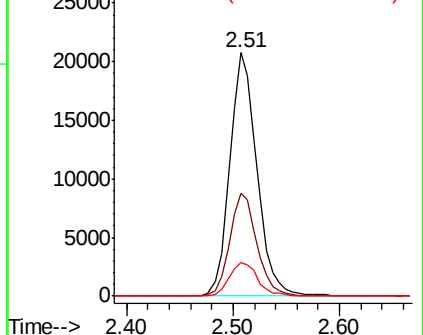
141 14.4 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



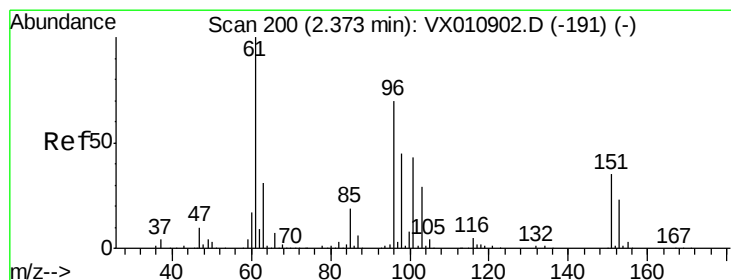
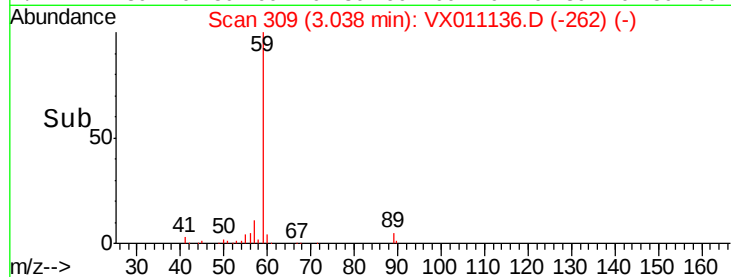
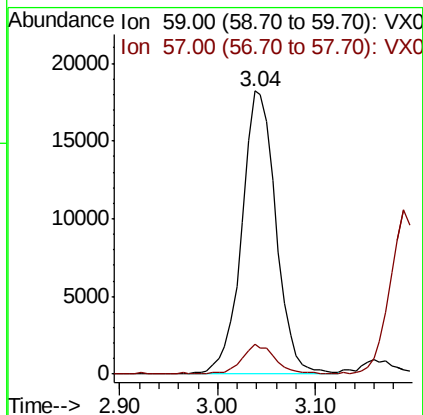
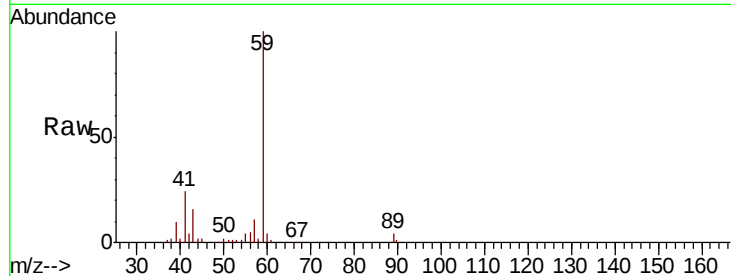


#11

Tert butyl alcohol  
 Concen: 91.447 ug/l  
 RT: 3.04 min Scan# 309  
 Delta R.T. -0.01 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBS01

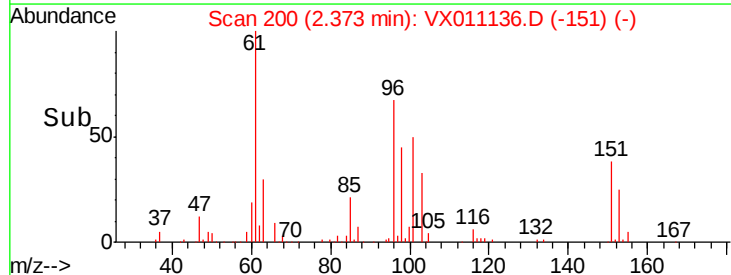
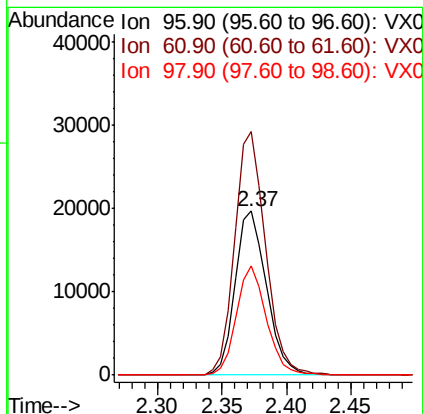
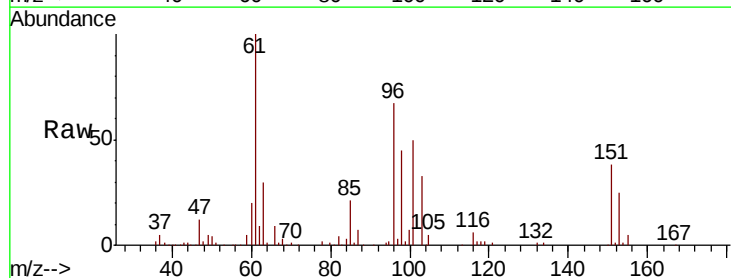
Tot Ion: 59 Resp: 44196  
 Ion Ratio Lower Upper  
 59 100  
 57 10.2 7.9 11.9

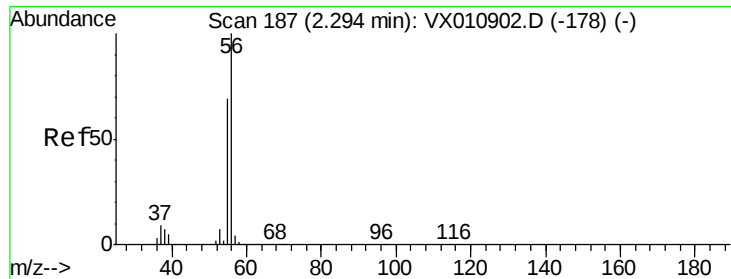


#12

1,1-Dichloroethene  
 Concen: 19.219 ug/l  
 RT: 2.37 min Scan# 200  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Tgt Ion: 96 Resp: 33393  
 Ion Ratio Lower Upper  
 96 100  
 61 148.4 115.0 172.4  
 98 66.5 52.2 78.2





#13

Acrolein

Concen: 50.456 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

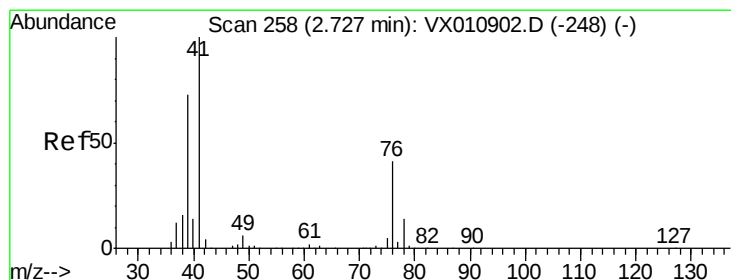
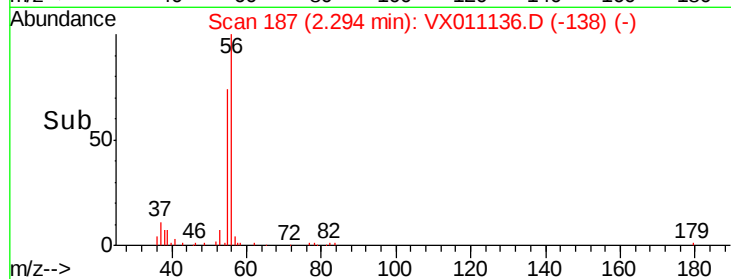
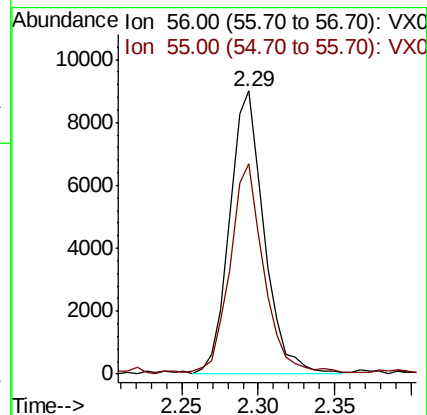
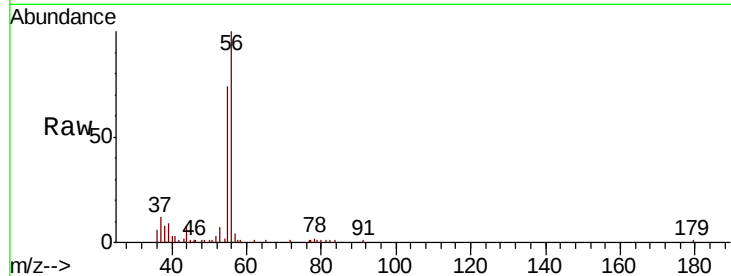
VX0729WBS01

Tot Ion: 56 Resp: 14089

Ion Ratio Lower Upper

56 100

55 74.7 55.9 83.9



#14

Allyl chloride

Concen: 19.251 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

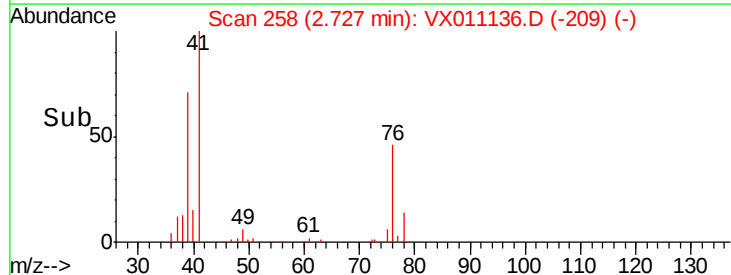
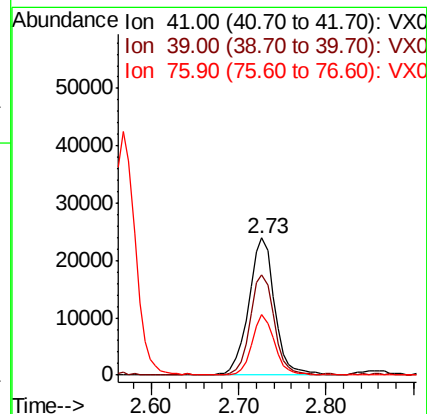
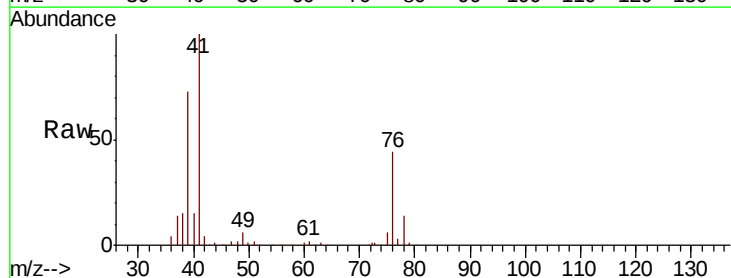
Tgt Ion: 41 Resp: 48587

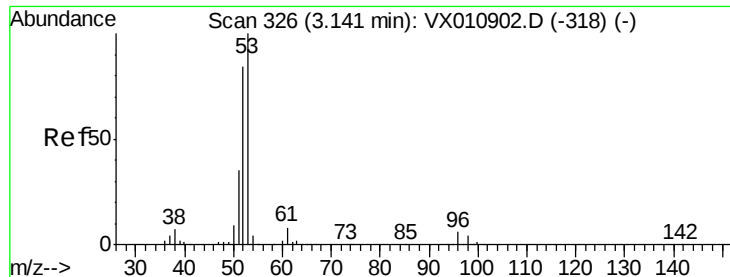
Ion Ratio Lower Upper

41 100

39 66.8 53.6 80.4

76 38.5 29.7 44.5





#15

Acrylonitrile

Concen: 98.113 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0729WBS01

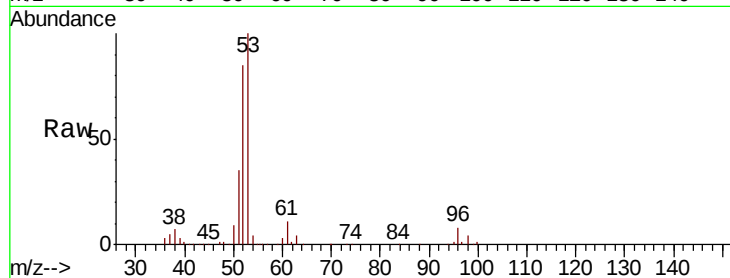
Tot Ion: 53 Resp: 95817

Ion Ratio Lower Upper

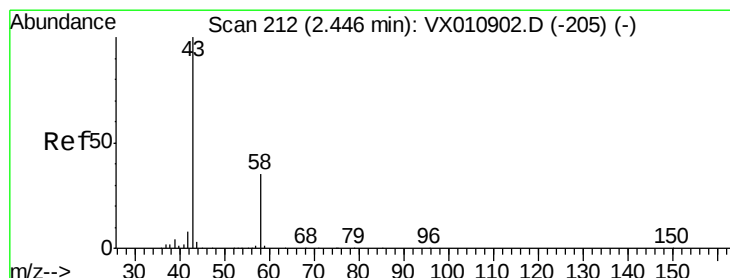
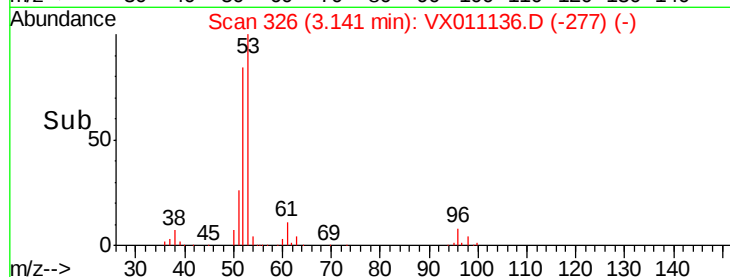
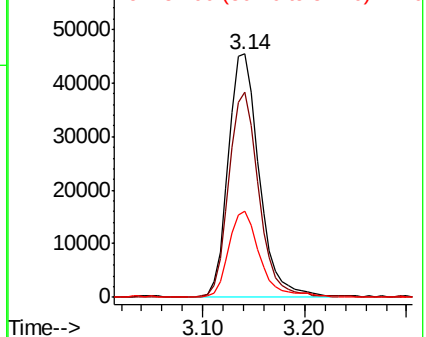
53 100

52 82.2 66.5 99.7

51 35.2 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0  
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 93.991 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011136.D

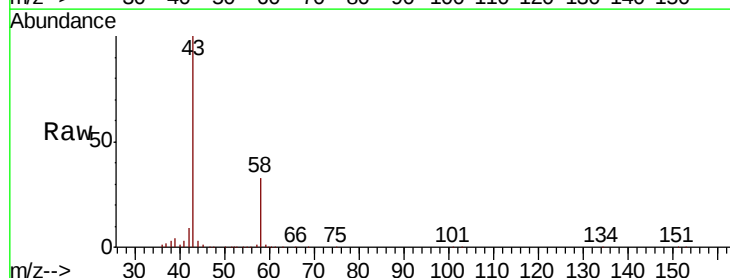
Acq: 29 Jul 2019 11:29

Tgt Ion: 43 Resp: 88095

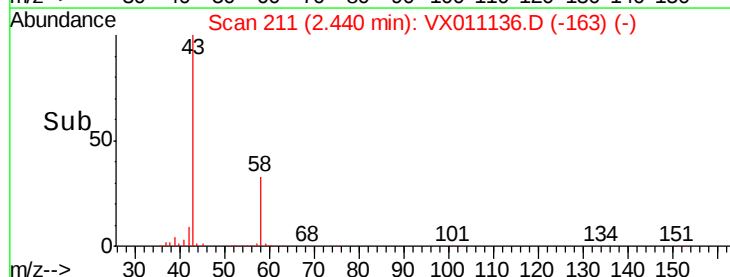
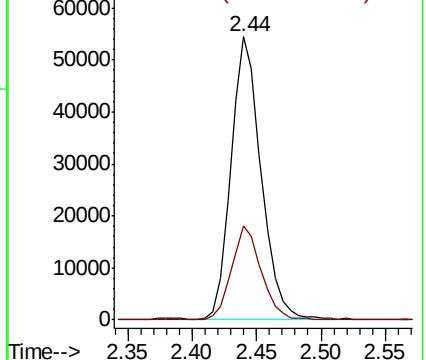
Ion Ratio Lower Upper

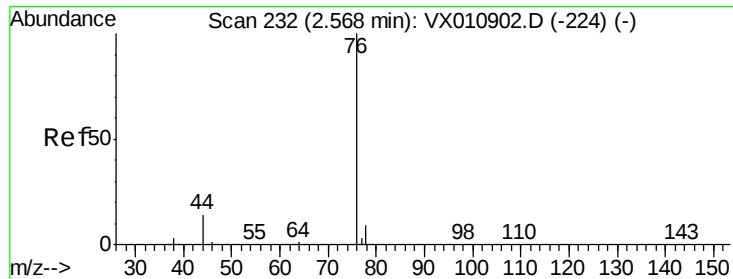
43 100

58 33.3 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

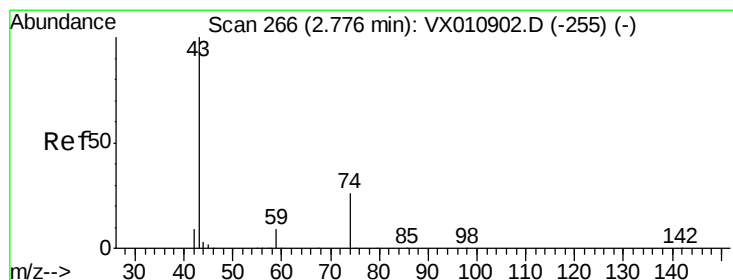
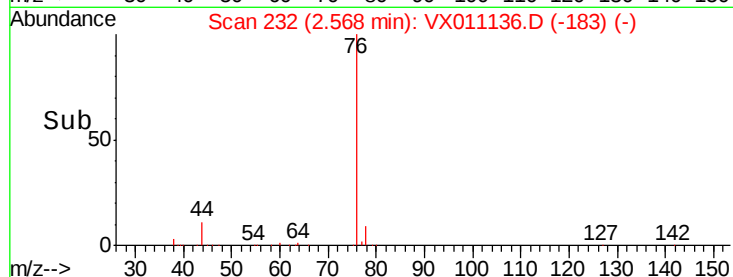
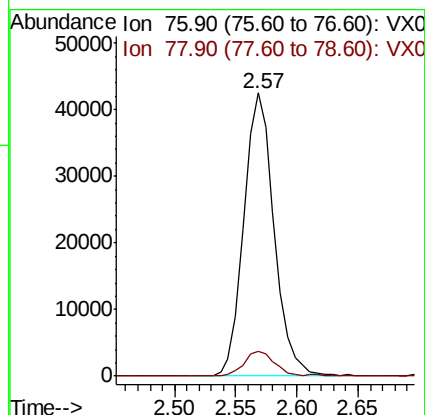
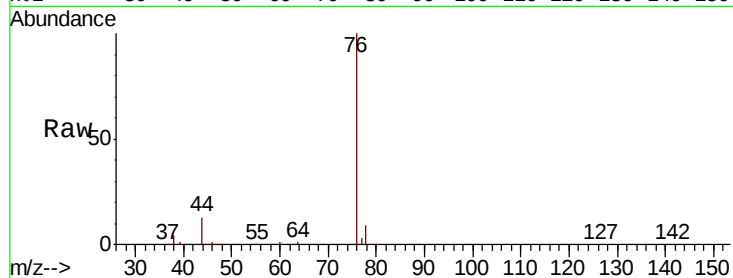




#17  
Carbon Disulfide  
Concen: 16.344 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

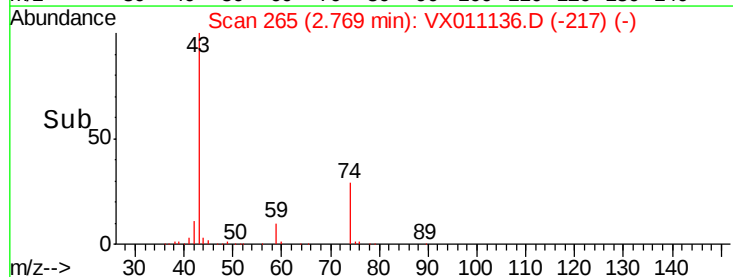
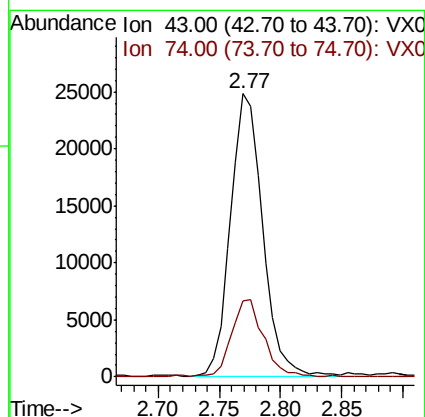
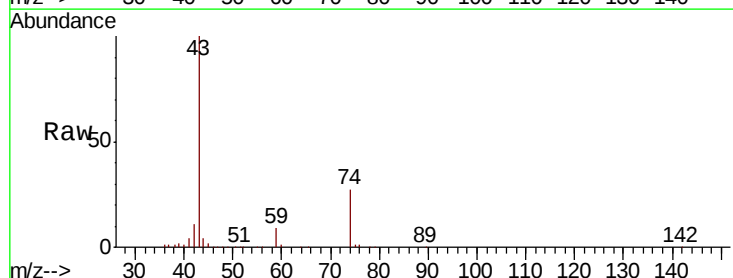
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0729WBS01

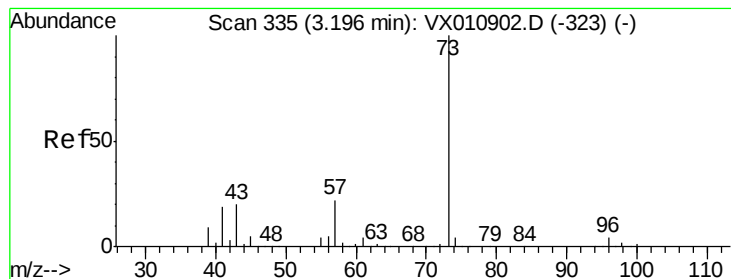
Tot Ion: 76 Resp: 72844  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.0



#18  
Methyl Acetate  
Concen: 21.036 ug/l  
RT: 2.77 min Scan# 265  
Delta R.T. -0.01 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

Tgt Ion: 43 Resp: 44894  
Ion Ratio Lower Upper  
43 100  
74 27.5 21.5 32.3



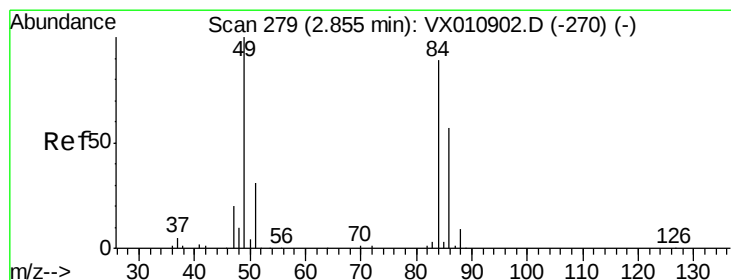
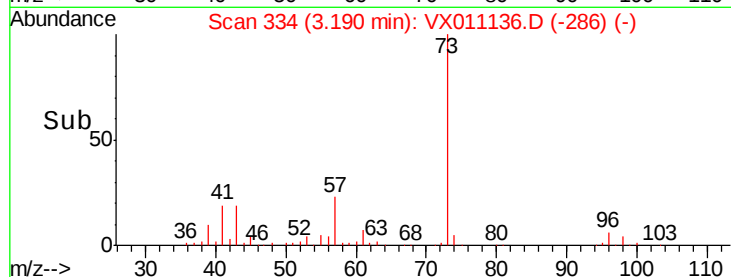
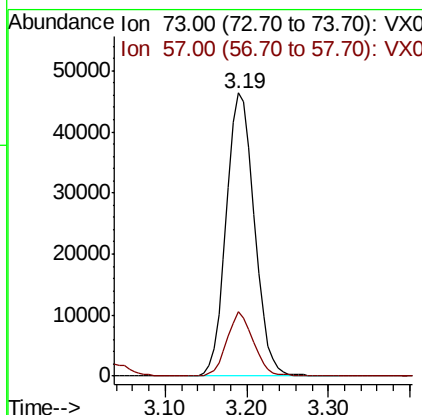
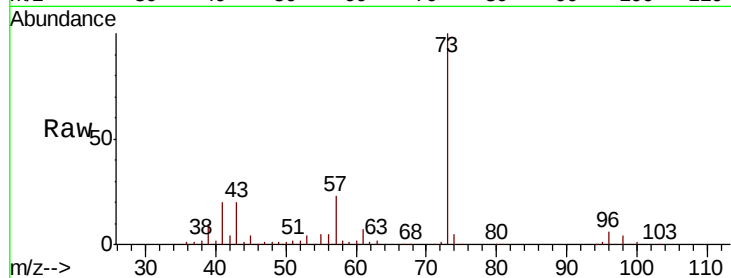


#19

Methyl tert-butyl Ether  
 Concen: 19.775 ug/l  
 RT: 3.19 min Scan# 334  
 Delta R.T. -0.01 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0729WBS01

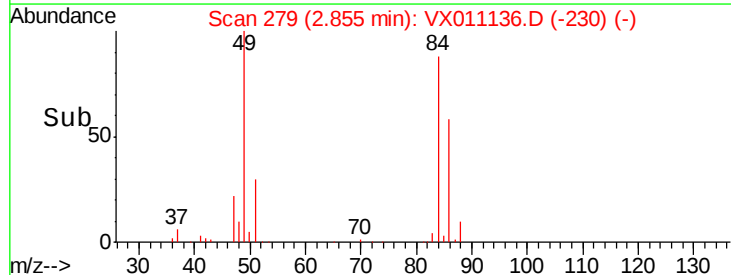
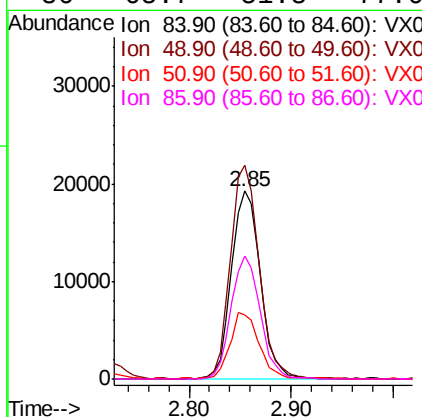
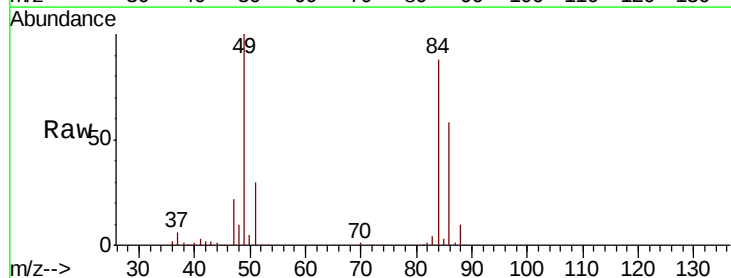
Tot Ion: 73 Resp: 110610  
 Ion Ratio Lower Upper  
 73 100  
 57 22.9 17.3 25.9

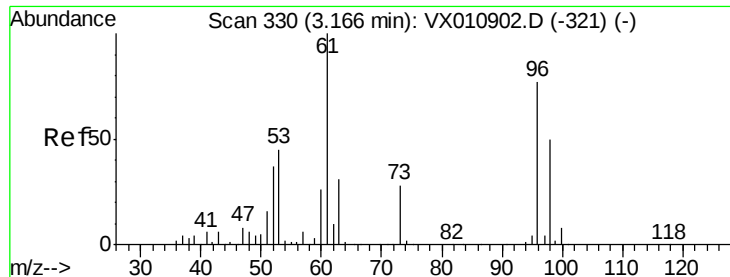


#20

Methylene Chloride  
 Concen: 19.066 ug/l  
 RT: 2.85 min Scan# 279  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Tgt Ion: 84 Resp: 37871  
 Ion Ratio Lower Upper  
 84 100  
 49 113.5 89.9 134.9  
 51 34.0 27.8 41.6  
 86 65.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.926 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0729WBS01

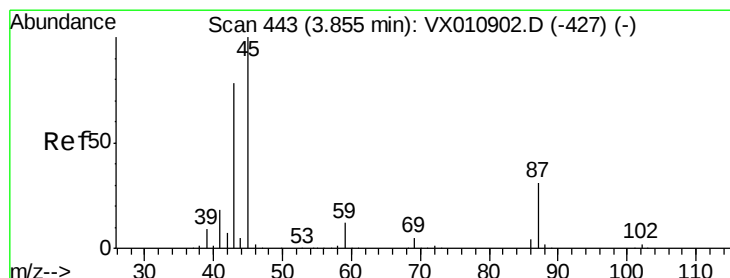
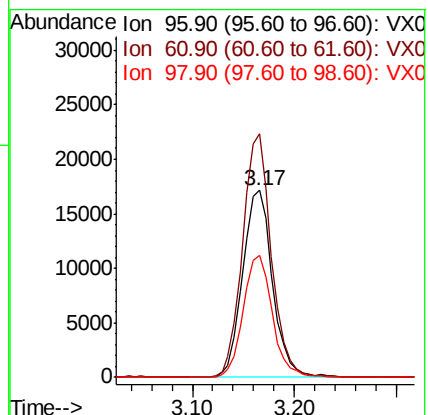
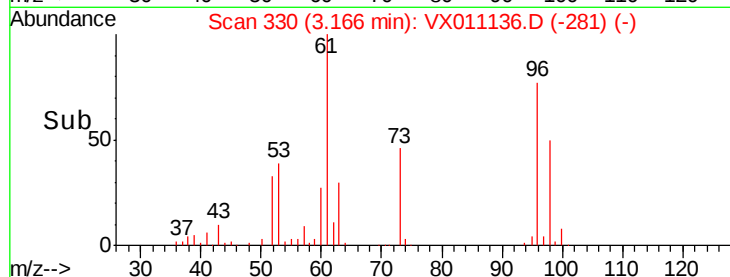
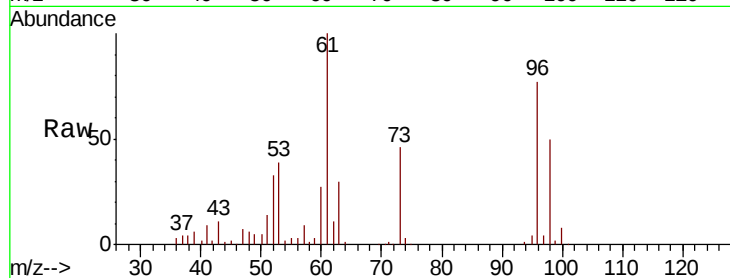
Tot Ion: 96 Resp: 34891

Ion Ratio Lower Upper

96 100

61 130.2 104.2 156.2

98 65.3 52.2 78.4



#22

Diisopropyl ether

Concen: 19.943 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Tgt Ion: 45 Resp: 106153

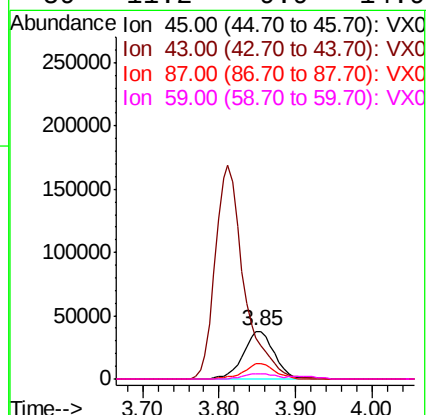
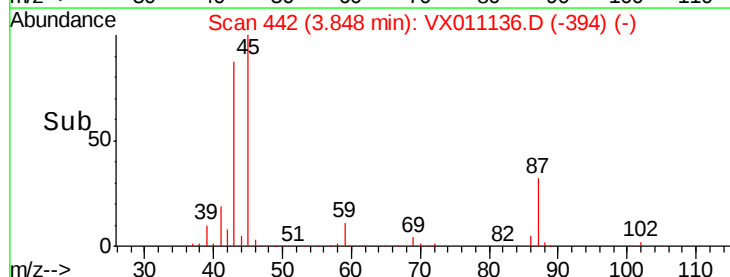
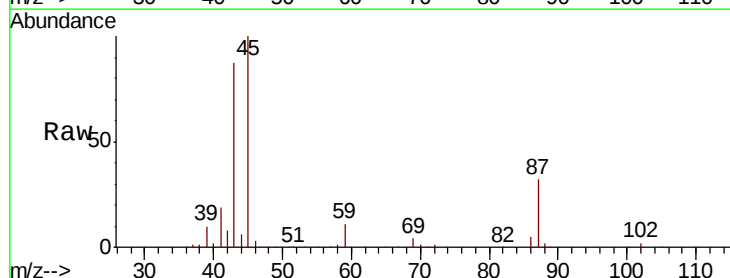
Ion Ratio Lower Upper

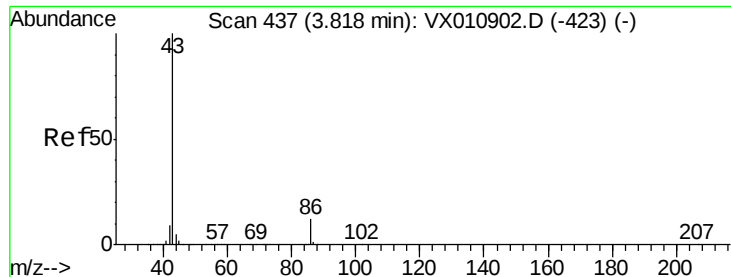
45 100

43 86.0 62.3 93.5

87 32.0 25.0 37.4

59 11.2 9.9 14.9





#23

Vinyl Acetate

Concen: 97.951 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

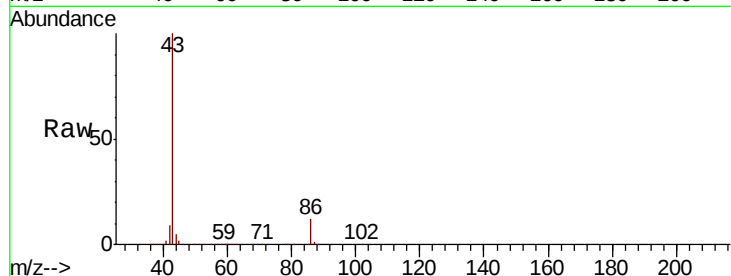
VX0729WBS01

Tot Ion: 43 Resp: 441764

Ion Ratio Lower Upper

43 100

86 11.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

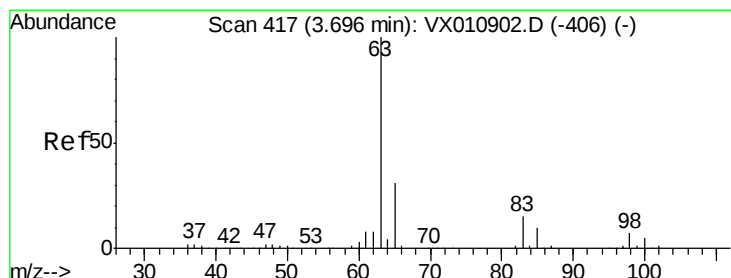
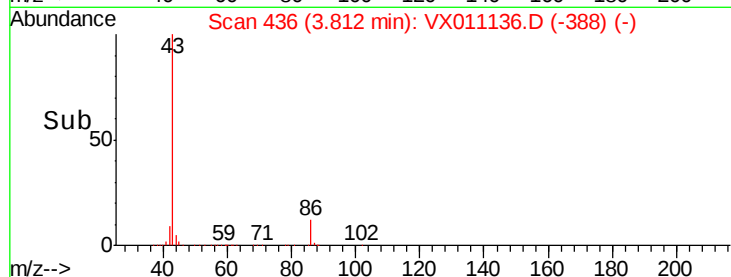
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.683 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

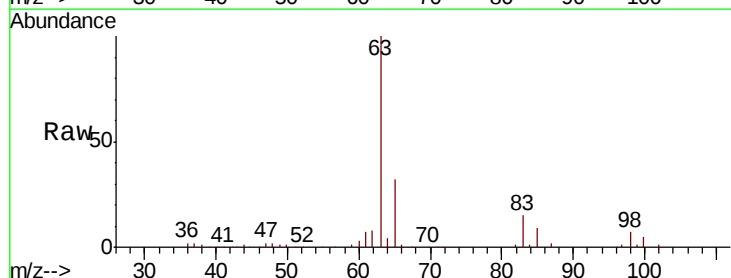
Tgt Ion: 63 Resp: 60847

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 5.0 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

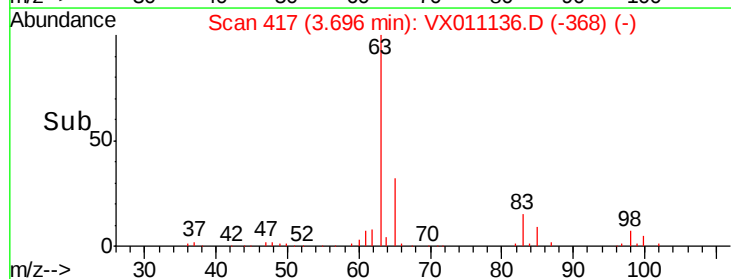
30000

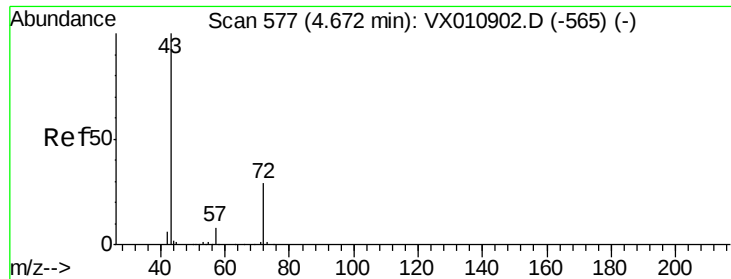
20000

10000

0

Time-->





#25

2-Butanone

Concen: 97.186 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

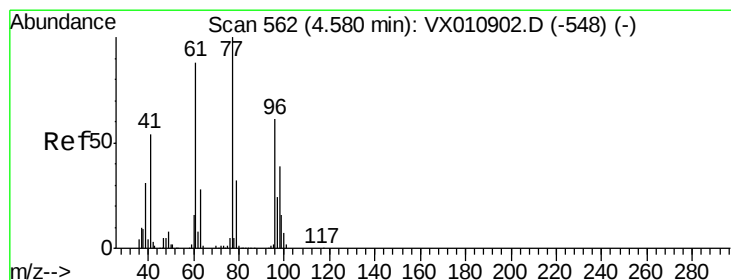
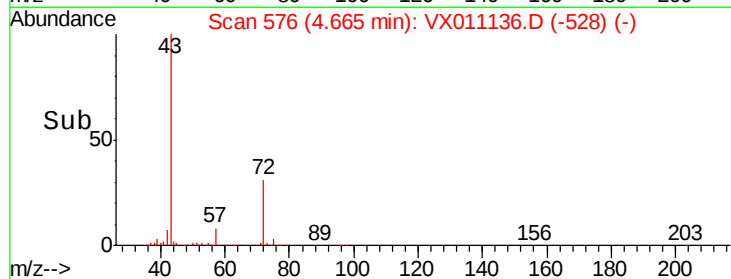
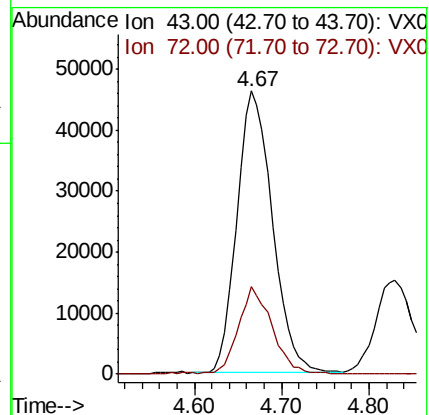
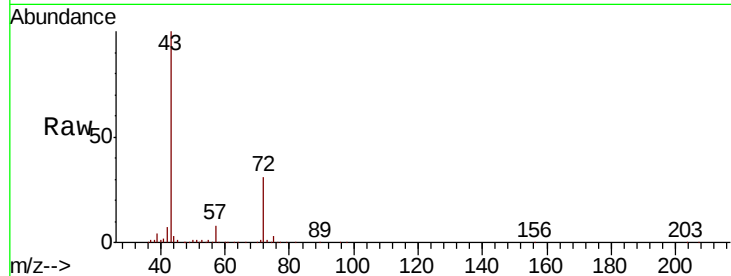
VX0729WBS01

Tot Ion: 43 Resp: 130757

Ion Ratio Lower Upper

43 100

72 30.6 23.0 34.6



#26

2,2-Dichloropropane

Concen: 19.885 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011136.D

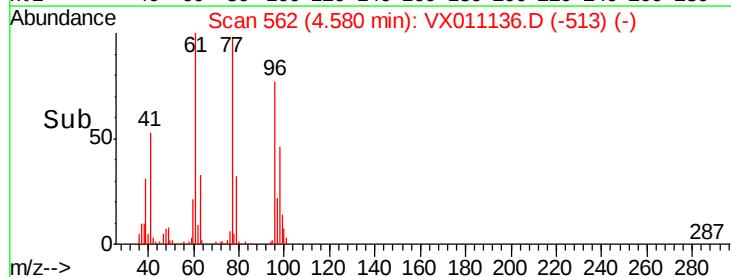
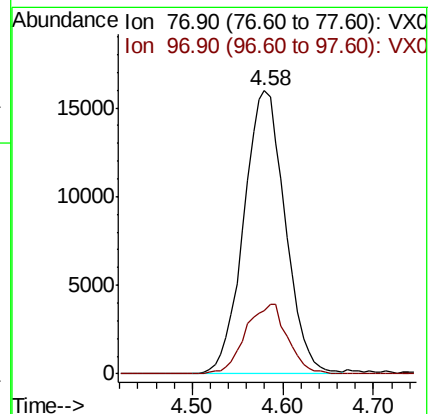
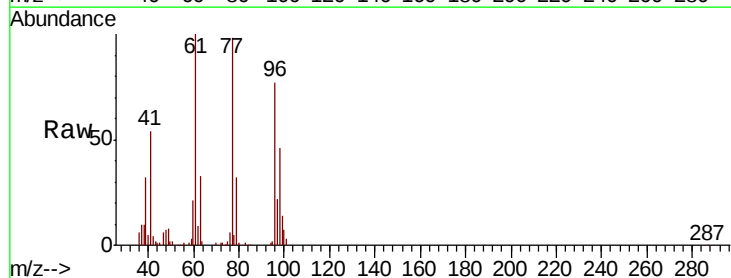
Acq: 29 Jul 2019 11:29

Tgt Ion: 77 Resp: 50471

Ion Ratio Lower Upper

77 100

97 24.8 12.6 37.6



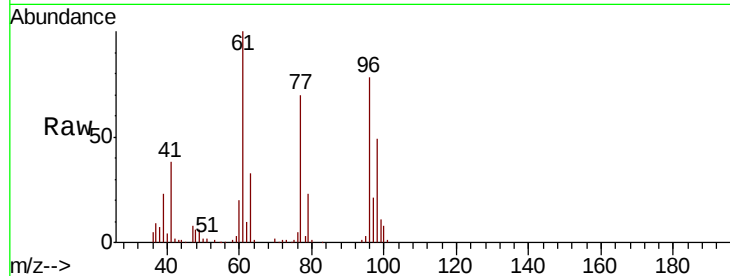


#27

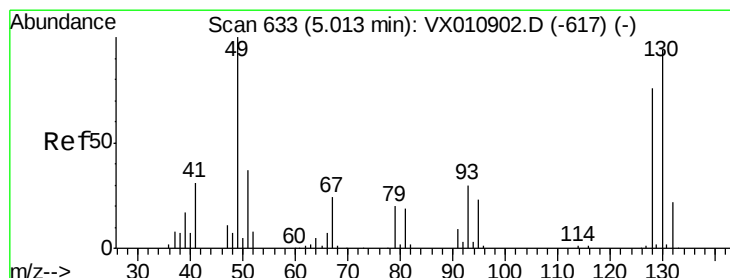
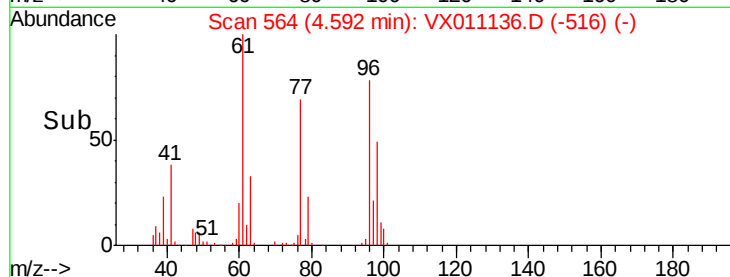
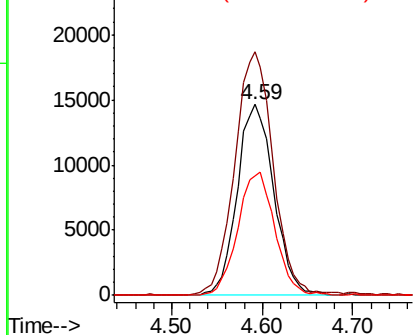
cis-1,2-Dichloroethene  
 Concen: 19.221 ug/l  
 RT: 4.59 min Scan# 564  
 Delta R.T. -0.01 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBS01

Tot Ion: 96 Resp: 41011  
 Ion Ratio Lower Upper  
 96 100  
 61 134.3 0.0 269.0  
 98 65.4 0.0 131.4



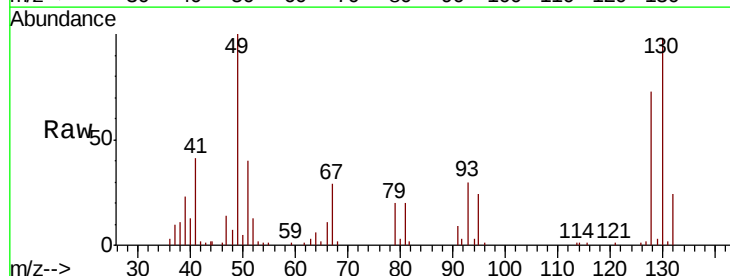
Abundance Ion 95.90 (95.60 to 96.60): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 97.90 (97.60 to 98.60): VX0



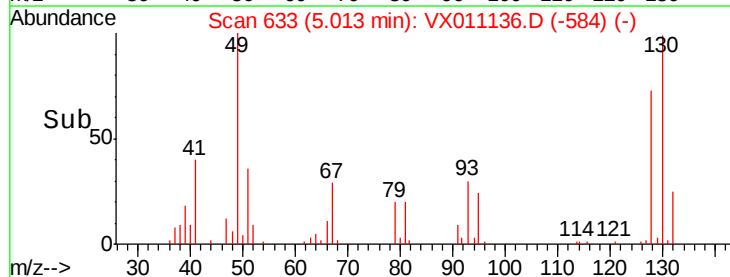
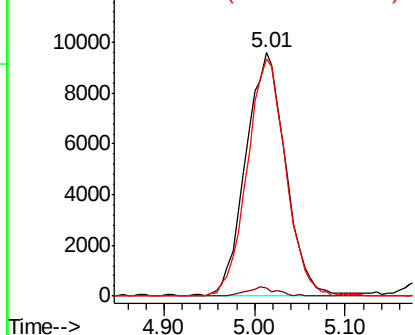
#28

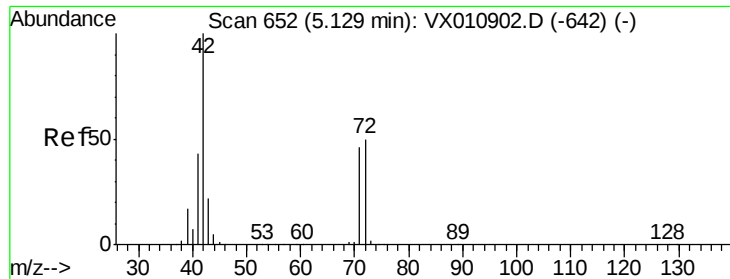
Bromochloromethane  
 Concen: 20.034 ug/l  
 RT: 5.01 min Scan# 633  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Tgt Ion: 49 Resp: 29184  
 Ion Ratio Lower Upper  
 49 100  
 129 2.7 0.0 5.2  
 130 93.9 76.9 115.3



Abundance Ion 48.90 (48.60 to 49.60): VX0  
 Ion 128.80 (128.50 to 129.50): V  
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 94.480 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampled :

VX0729WBS01

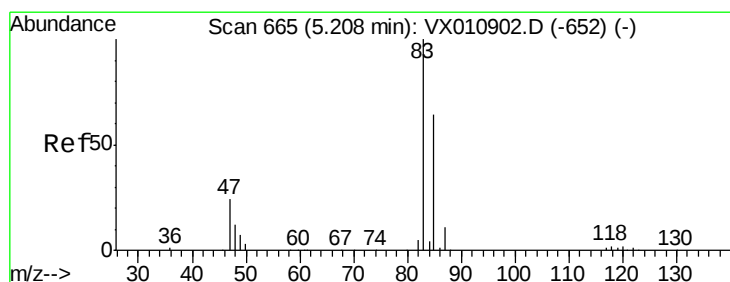
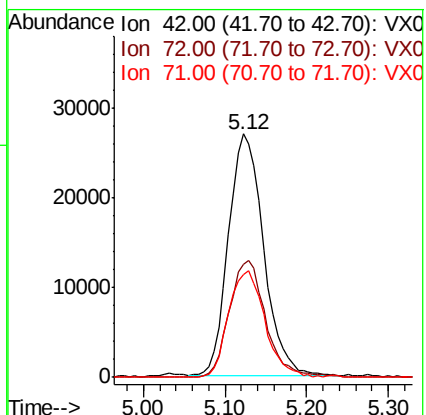
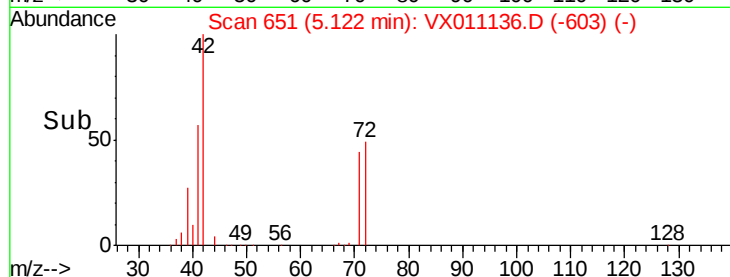
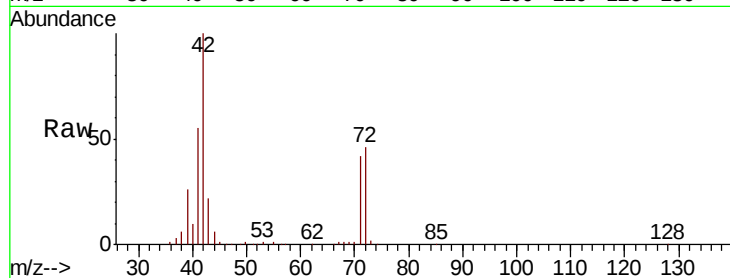
Tot Ion: 42 Resp: 80521

Ion Ratio Lower Upper

42 100

72 50.2 39.8 59.8

71 45.6 37.0 55.4



#30

Chloroform

Concen: 19.631 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX011136.D

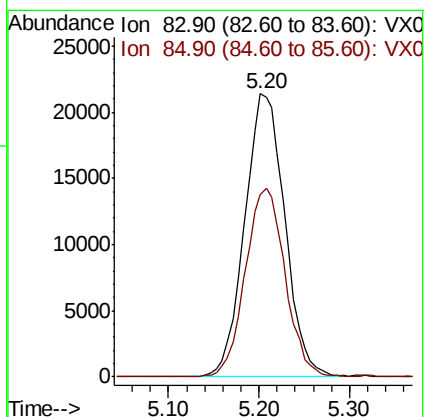
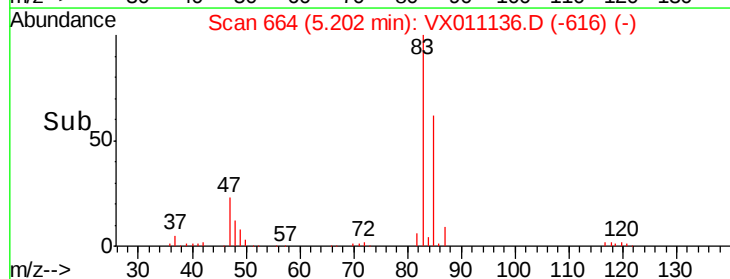
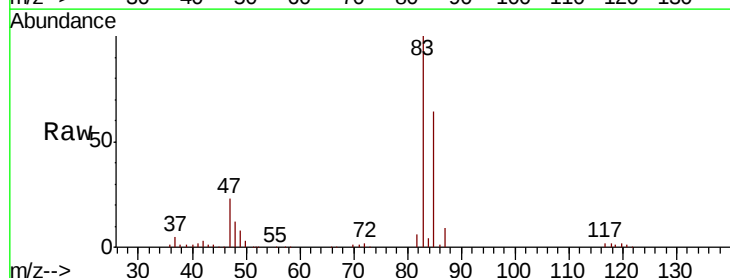
Acq: 29 Jul 2019 11:29

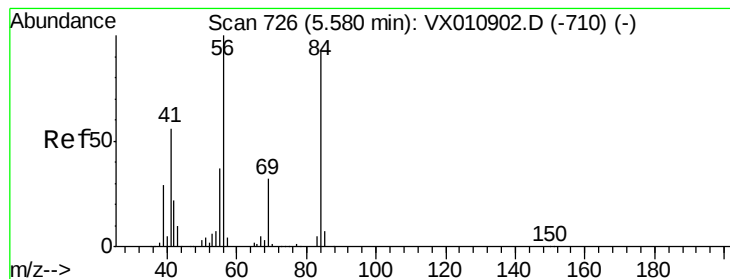
Tgt Ion: 83 Resp: 65593

Ion Ratio Lower Upper

83 100

85 63.9 51.4 77.0





#31

Cyclohexane

Concen: 18.830 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0729WBS01

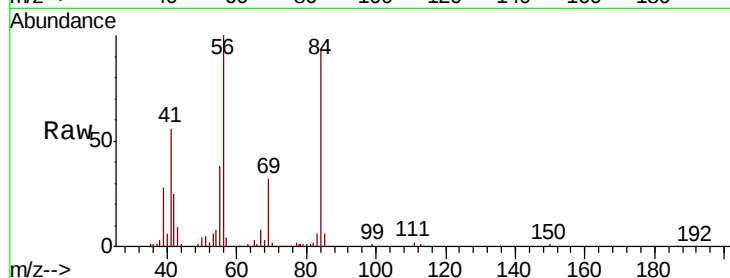
Tot Ion: 56 Resp: 53056

Ion Ratio Lower Upper

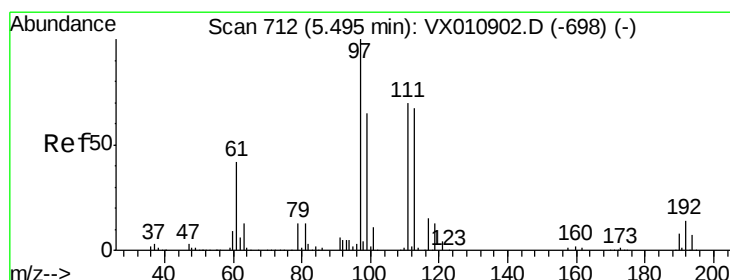
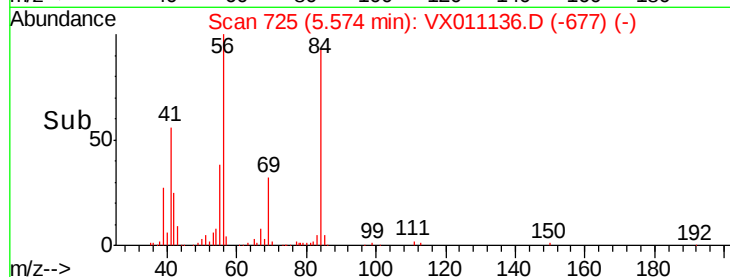
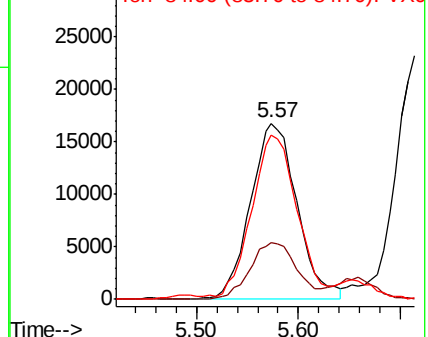
56 100

69 32.5 25.8 38.8

84 91.0 73.8 110.6



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



#32

1,1,1-Trichloroethane

Concen: 19.686 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

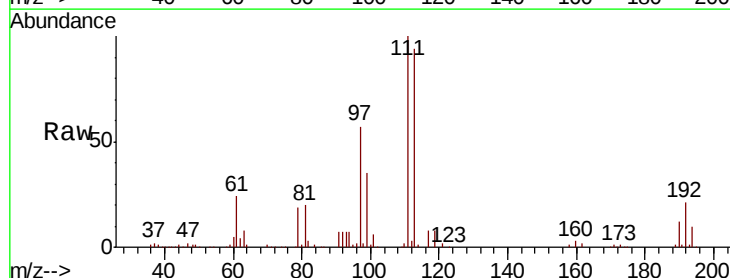
Tgt Ion: 97 Resp: 56908

Ion Ratio Lower Upper

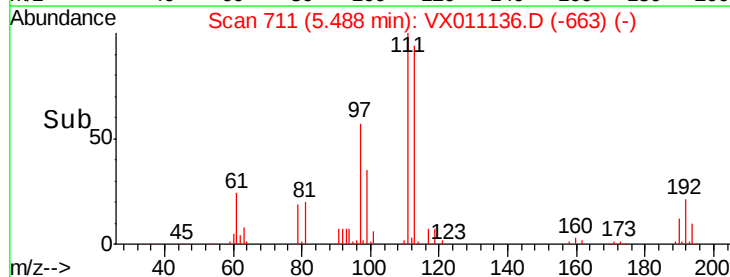
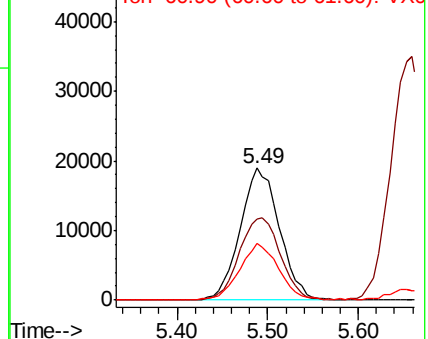
97 100

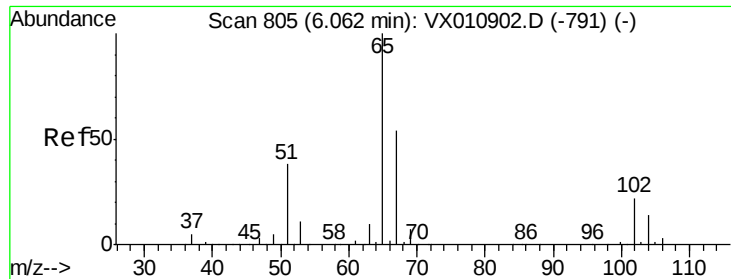
99 65.2 51.4 77.0

61 42.7 33.0 49.6



Abundance Ion 96.90 (96.60 to 97.60): VX0  
Ion 98.90 (98.60 to 99.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.527 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

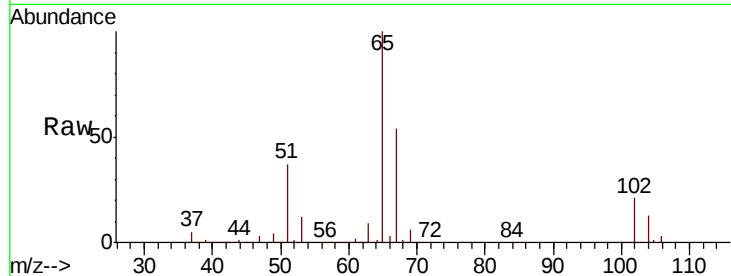
VX0729WBS01

Tot Ion: 65 Resp: 104855

Ion Ratio Lower Upper

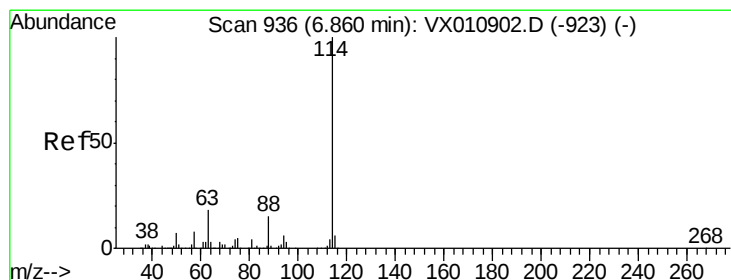
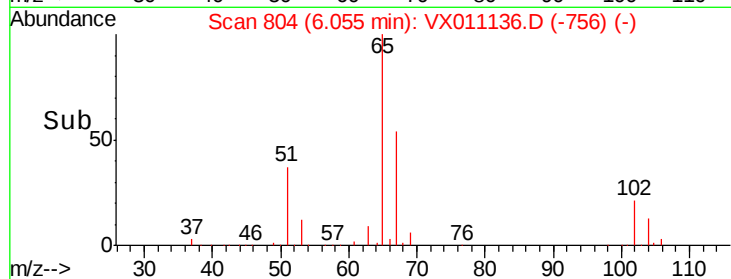
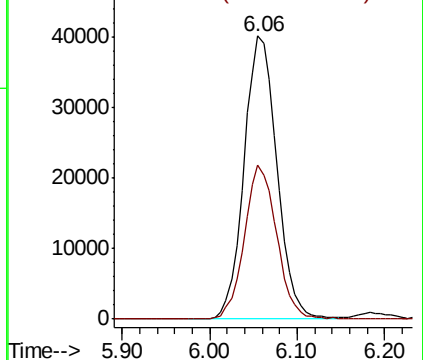
65 100

67 53.4 0.0 107.8



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

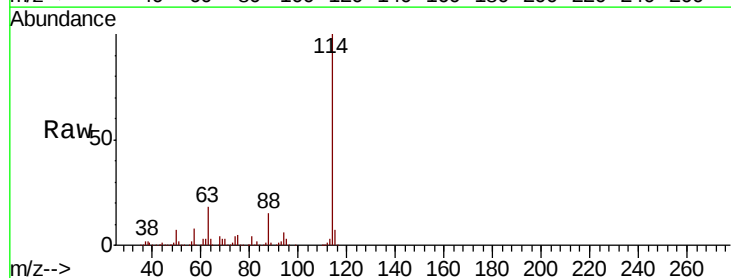
Tgt Ion: 114 Resp: 280133

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

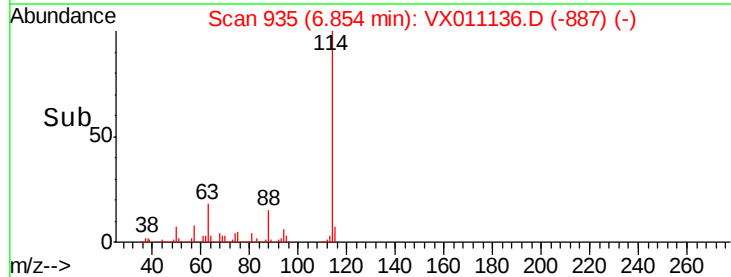
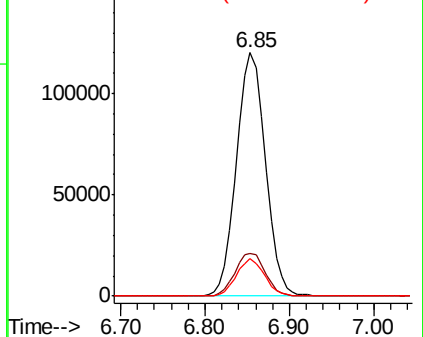
88 15.2 0.0 29.8

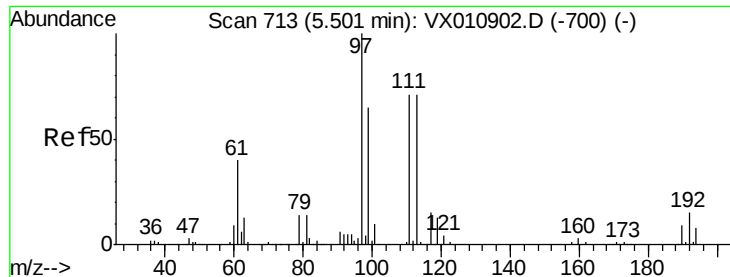


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

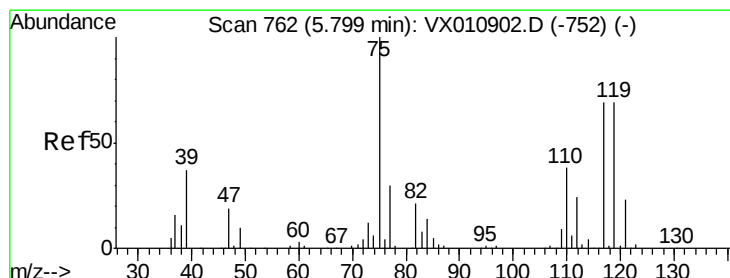
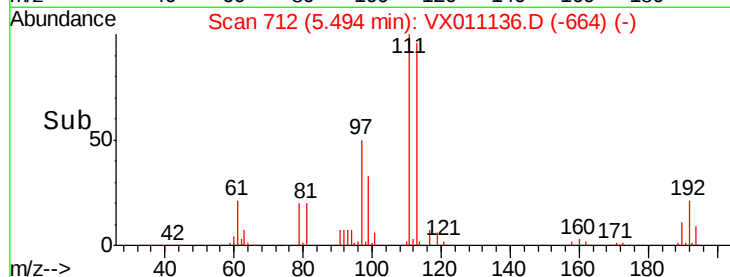
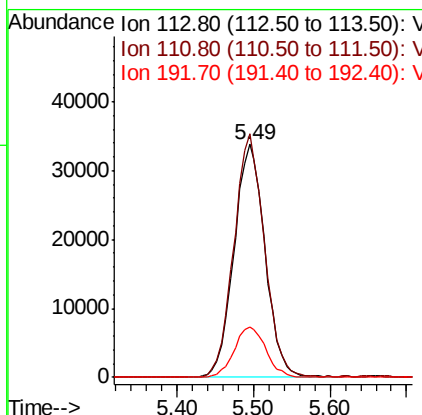
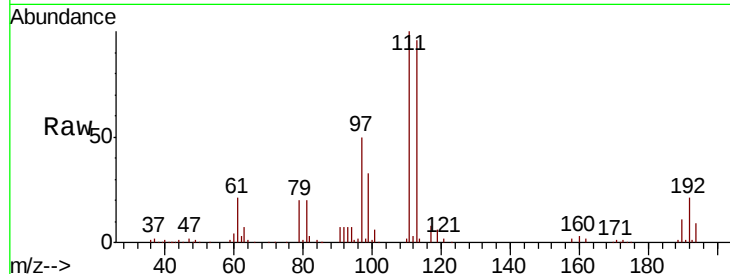




#35  
 Dibromofluoromethane  
 Concen: 53.382 ug/l  
 RT: 5.49 min Scan# 712  
 Delta R.T. -0.01 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

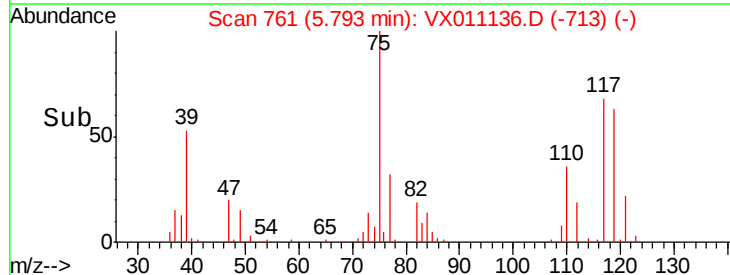
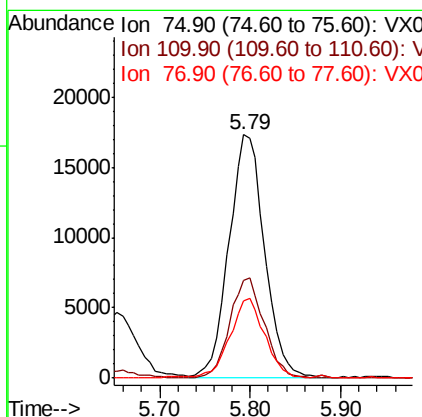
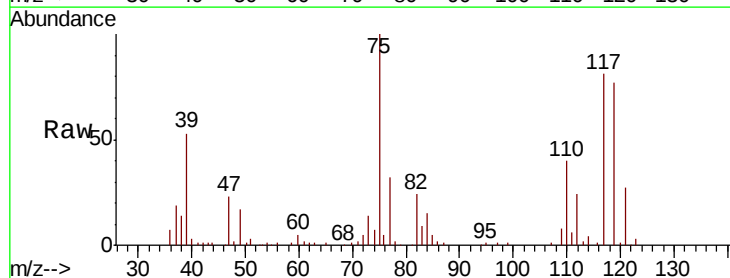
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBS01

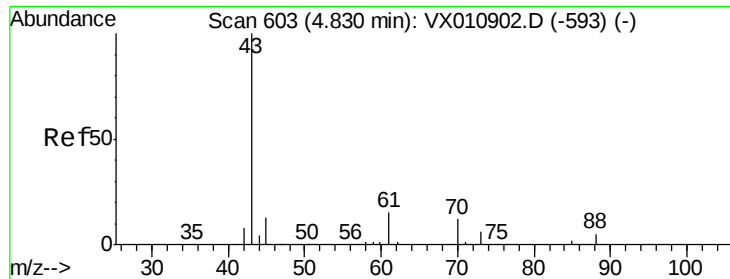
Tot Ion:113 Resp: 94916  
 Ion Ratio Lower Upper  
 113 100  
 111 103.0 82.3 123.5  
 192 22.1 17.4 26.2



#36  
 1,1-Dichloropropene  
 Concen: 20.625 ug/l  
 RT: 5.79 min Scan# 761  
 Delta R.T. -0.01 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Tgt Ion: 75 Resp: 47460  
 Ion Ratio Lower Upper  
 75 100  
 110 39.3 19.9 59.7  
 77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 19.939 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0729WBS01

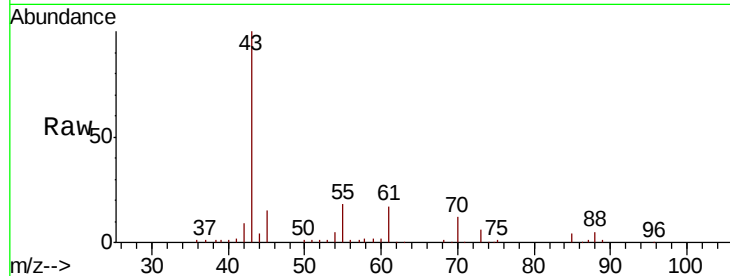
Tot Ion: 43 Resp: 46981

Ion Ratio Lower Upper

43 100

61 16.0 11.6 17.4

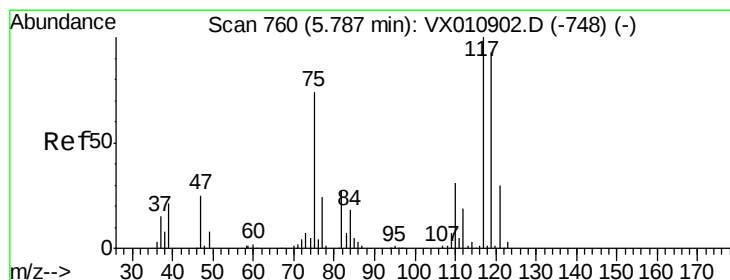
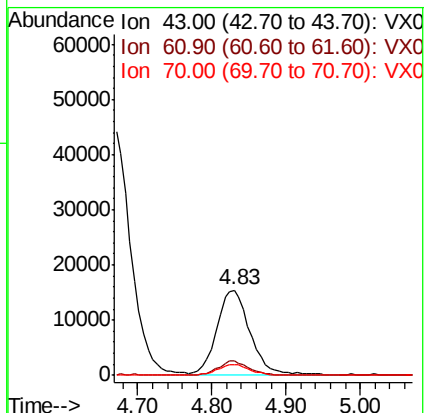
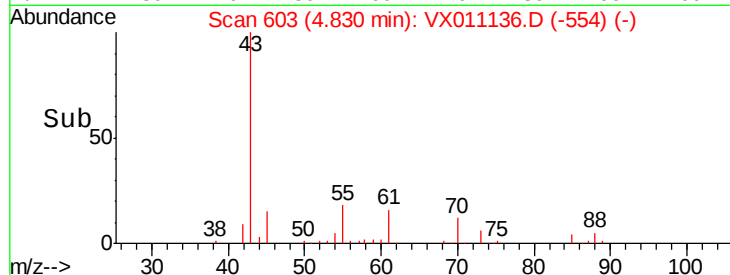
70 12.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.587 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

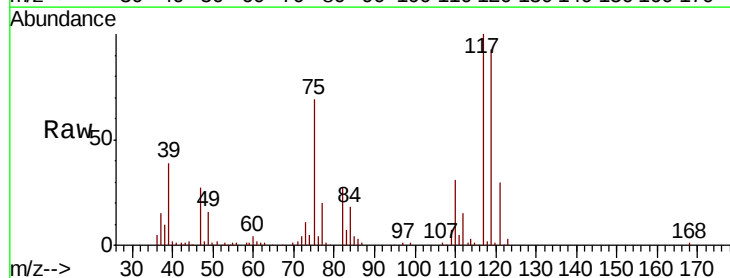
Tgt Ion: 117 Resp: 49362

Ion Ratio Lower Upper

117 100

119 93.3 74.2 111.2

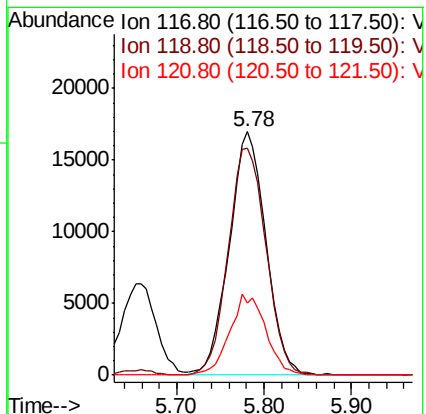
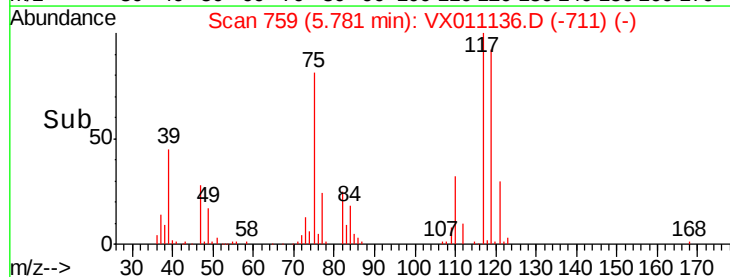
121 29.8 24.2 36.2

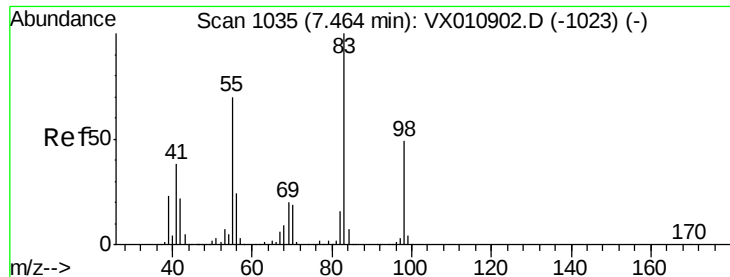


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

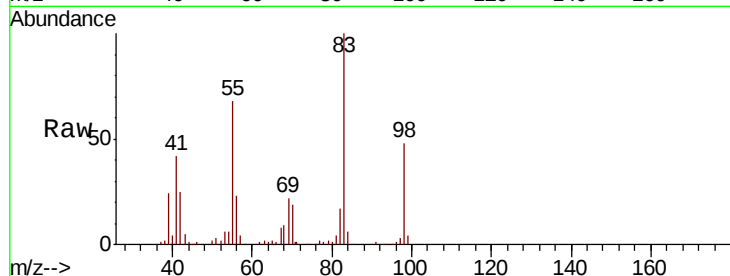




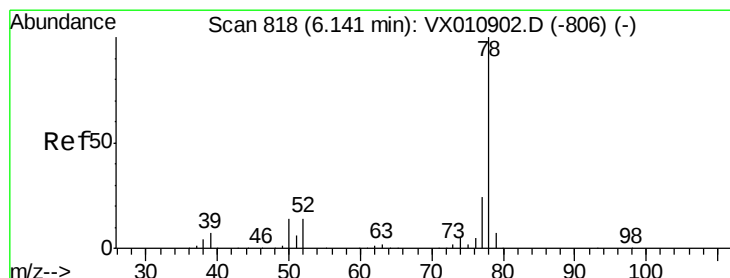
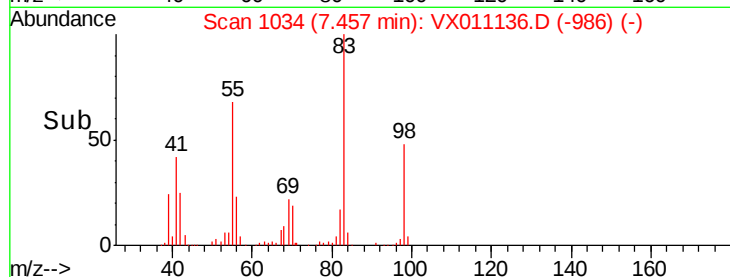
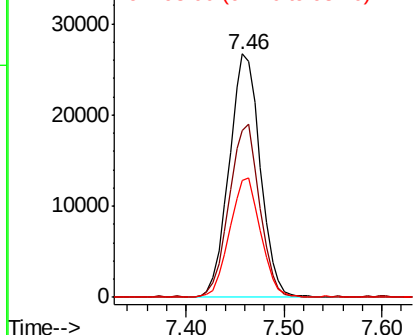
#39  
Methvlcvclohexane  
Concen: 19.741 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0729WBS01

Tot Ion: 83 Resp: 58907  
Ion Ratio Lower Upper  
83 100  
55 68.5 56.2 84.4  
98 47.9 39.0 58.4

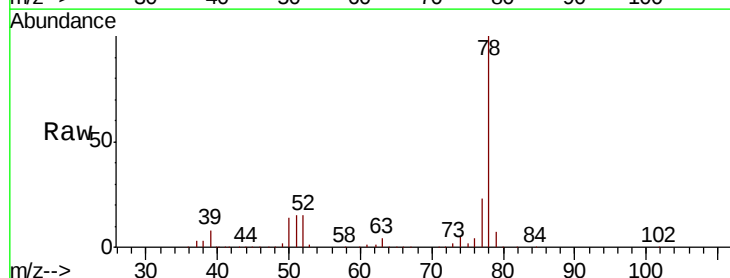


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

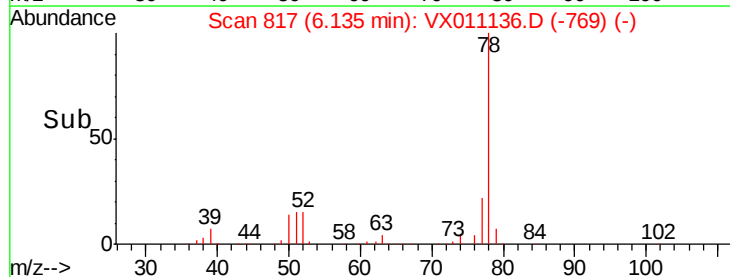
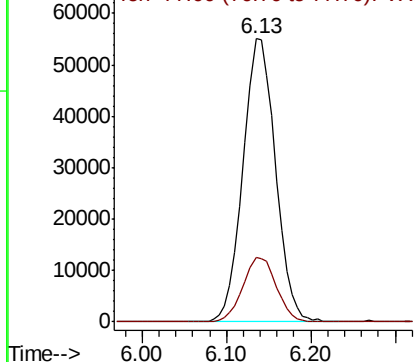


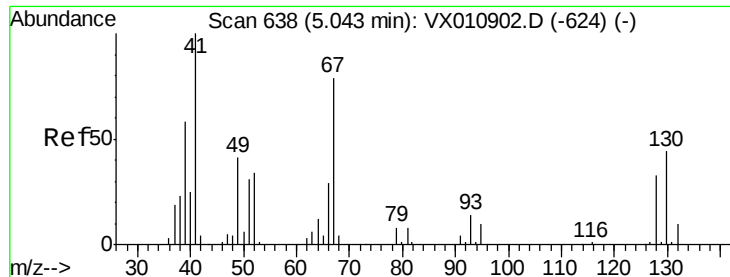
#40  
Benzene  
Concen: 20.448 ug/l  
RT: 6.13 min Scan# 817  
Delta R.T. -0.01 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

Tgt Ion: 78 Resp: 144129  
Ion Ratio Lower Upper  
78 100  
77 22.8 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0  
Ion 77.00 (76.70 to 77.70): VX0

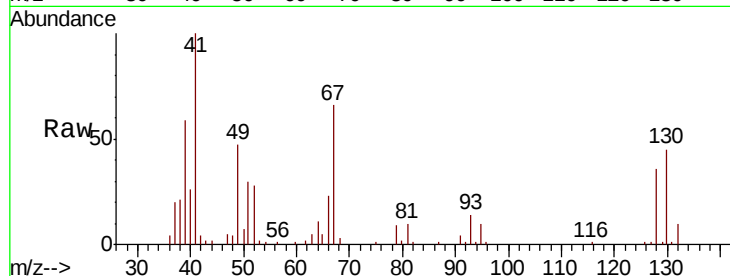




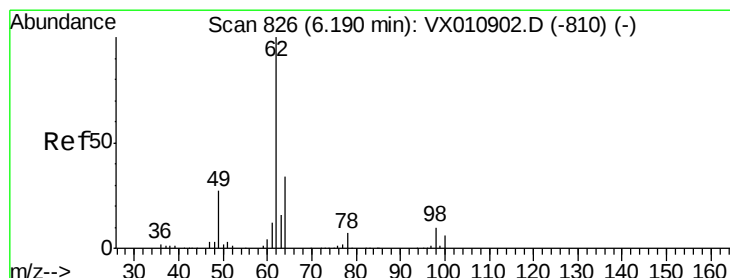
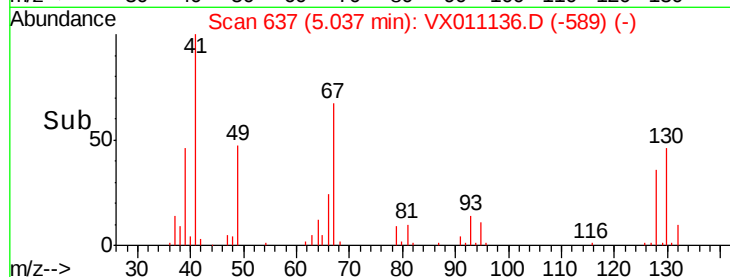
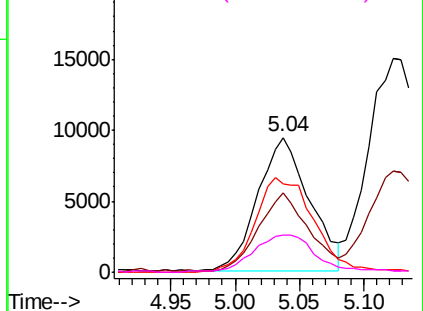
#41  
Methacrylonitrile  
Concen: 19.788 ug/l  
RT: 5.04 min Scan# 637  
Delta R.T. -0.01 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0729WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 26468 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.4  | 45.4  | 68.2  |
| 67       | 79.9  | 65.9  | 98.9  |
| 52       | 34.1  | 26.2  | 39.2  |

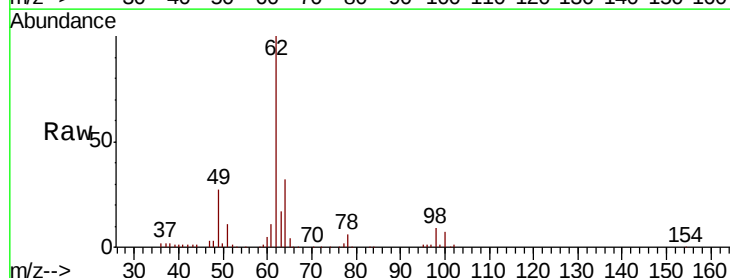


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

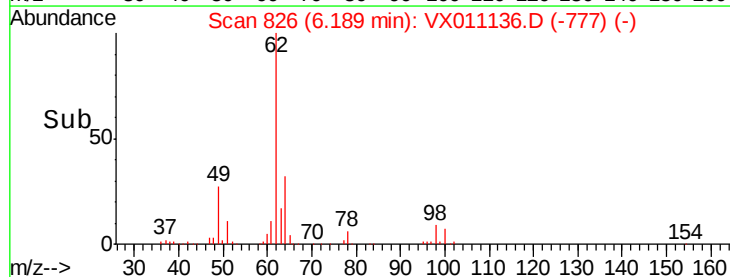
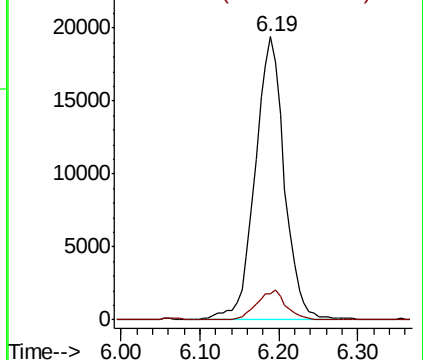


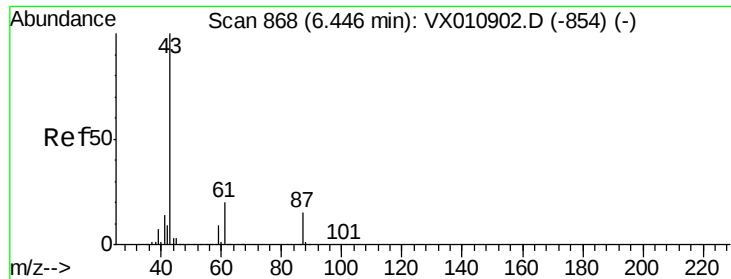
#42  
1,2-Dichloroethane  
Concen: 20.403 ug/l  
RT: 6.19 min Scan# 826  
Delta R.T. -0.00 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 50002 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.4  | 0.0   | 20.0  |



Abundance Ion 61.90 (61.60 to 62.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



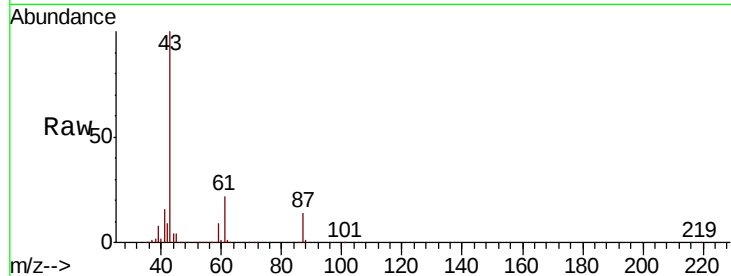


#43

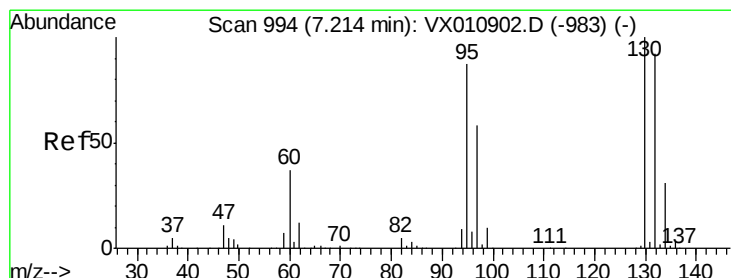
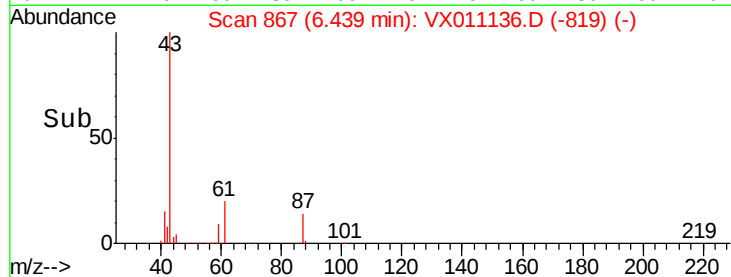
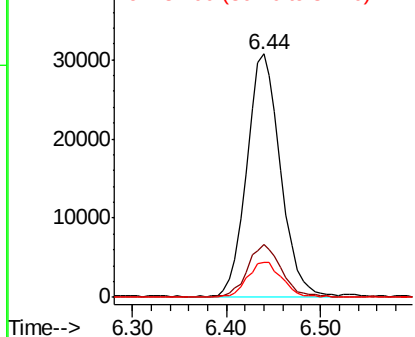
Isopropyl Acetate  
 Concen: 19.897 ug/l  
 RT: 6.44 min Scan# 867  
 Delta R.T. -0.01 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBS01

Tot Ion: 43 Resp: 77086  
 Ion Ratio Lower Upper  
 43 100  
 61 21.9 17.1 25.7  
 87 15.1 12.0 18.0



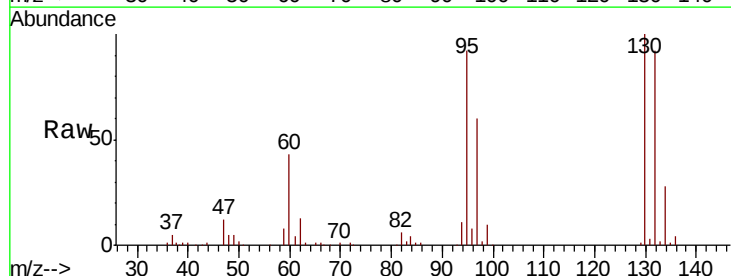
Abundance Ion 43.00 (42.70 to 43.70): VX0  
 Ion 61.00 (60.70 to 61.70): VX0  
 Ion 87.00 (86.70 to 87.70): VX0



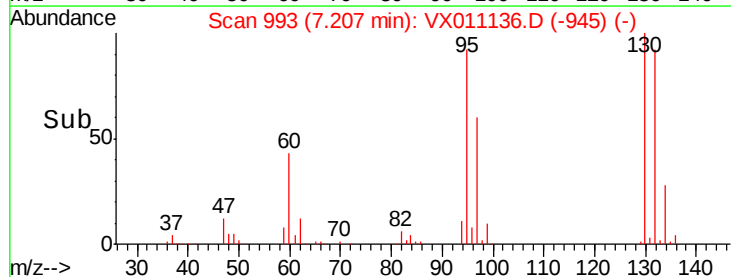
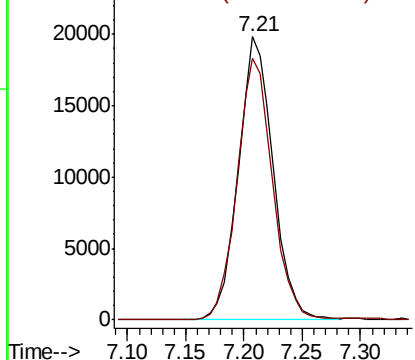
#44

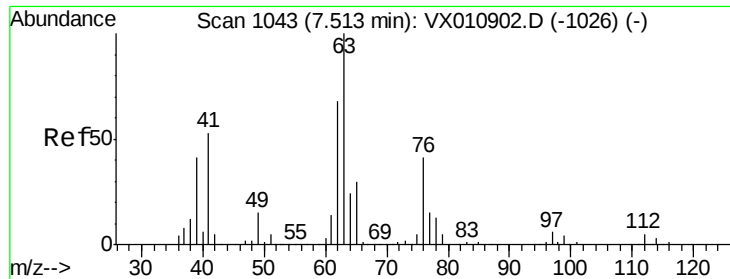
Trichloroethene  
 Concen: 19.751 ug/l  
 RT: 7.21 min Scan# 993  
 Delta R.T. -0.01 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Tgt Ion: 130 Resp: 41209  
 Ion Ratio Lower Upper  
 130 100  
 95 92.5 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V  
 Ion 94.90 (94.60 to 95.60): VX0

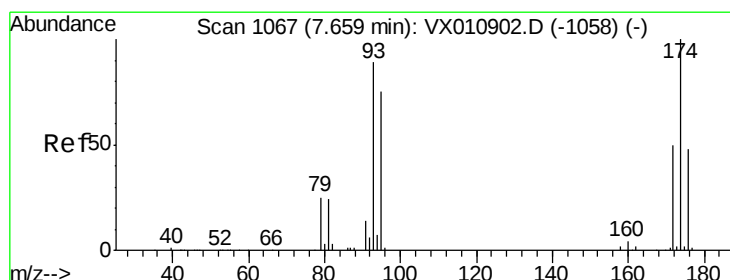
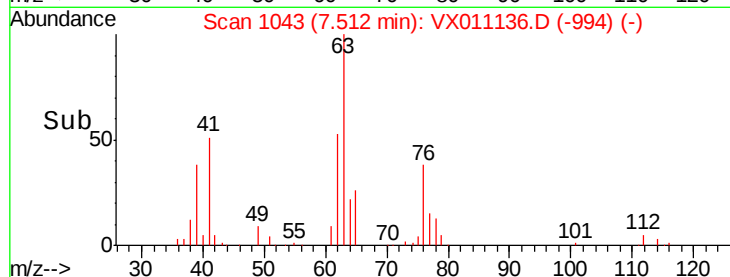
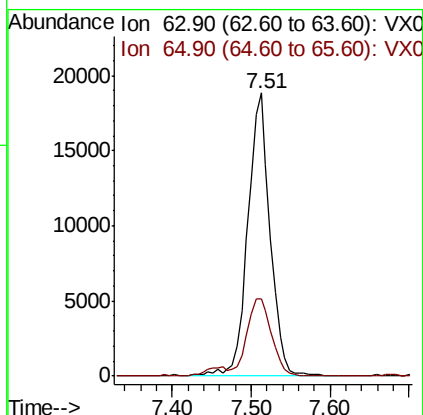
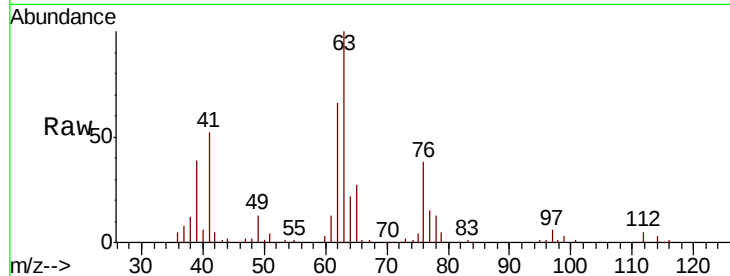




#45  
 1,2-Dichloropropane  
 Concen: 20.608 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

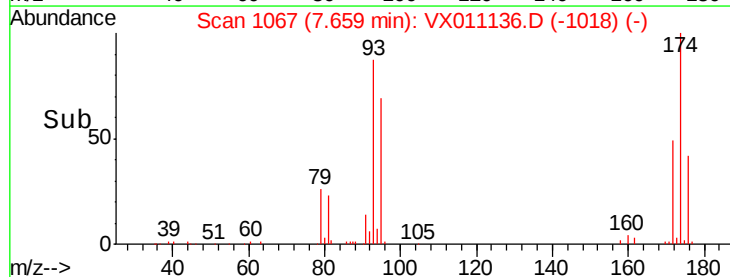
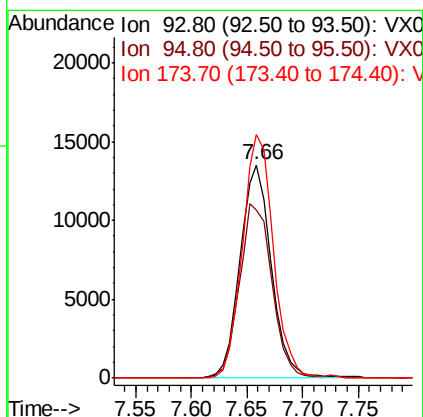
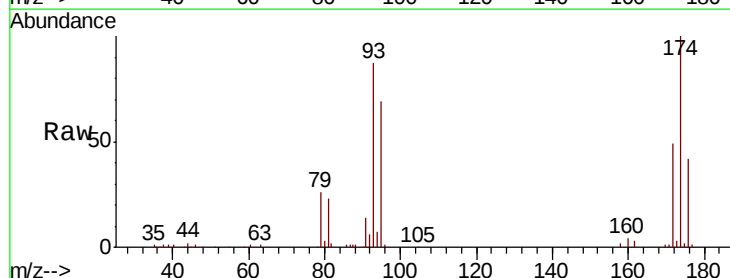
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBS01

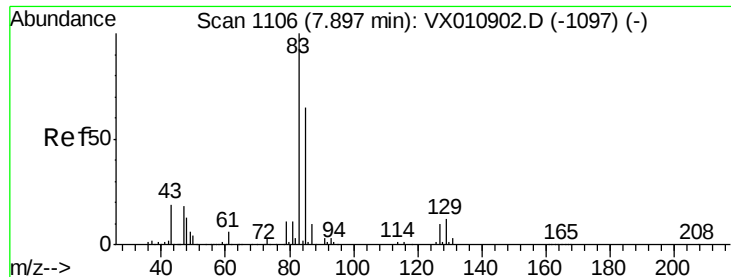
Tot Ion: 63 Resp: 36971  
 Ion Ratio Lower Upper  
 63 100  
 65 27.5 24.4 36.6



#46  
 Dibromomethane  
 Concen: 20.480 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Tgt Ion: 93 Resp: 26254  
 Ion Ratio Lower Upper  
 93 100  
 95 86.0 67.2 100.8  
 174 113.8 90.6 135.8





#47

Bromodichloromethane

Concen: 21.166 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0729WBS01

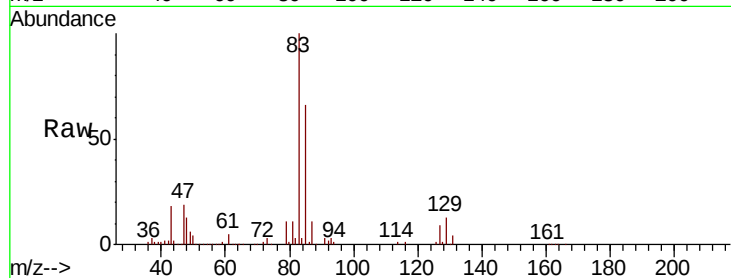
Tot Ion: 83 Resp: 48300

Ion Ratio Lower Upper

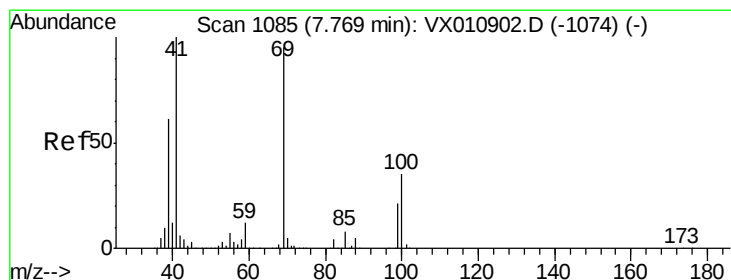
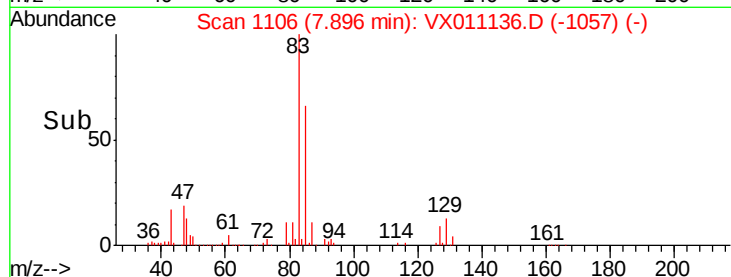
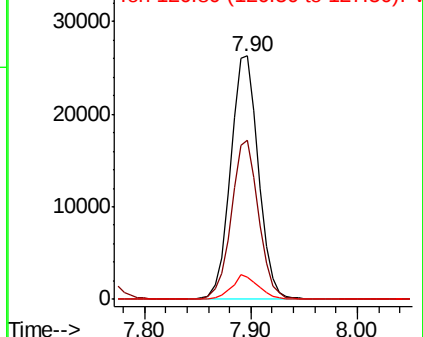
83 100

85 65.6 52.5 78.7

127 9.2 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.750 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

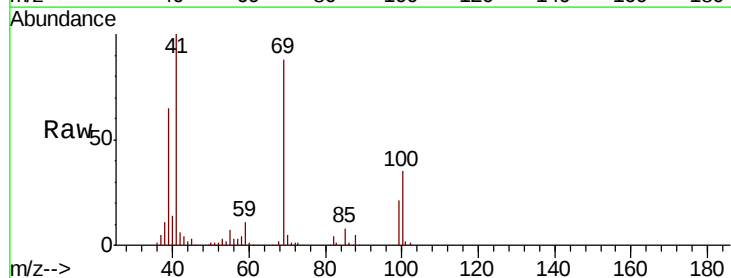
Tgt Ion: 41 Resp: 37276

Ion Ratio Lower Upper

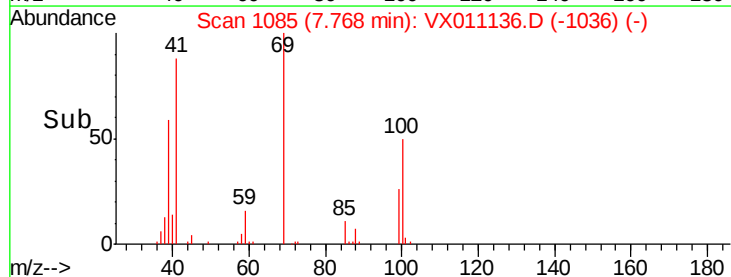
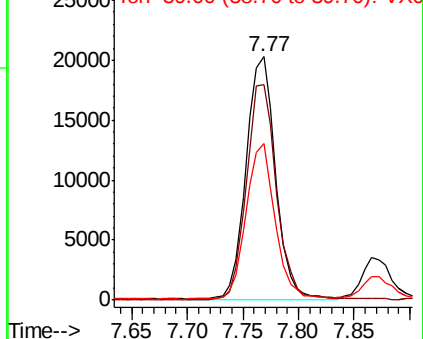
41 100

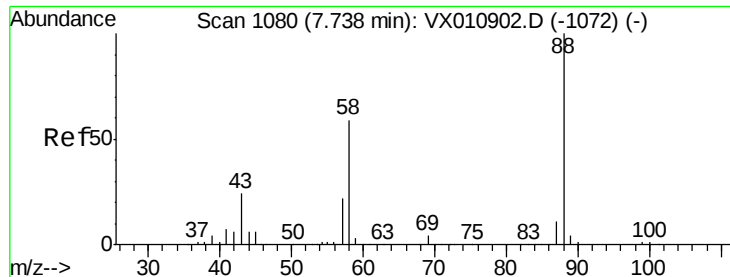
69 91.2 74.4 111.6

39 62.7 48.9 73.3



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

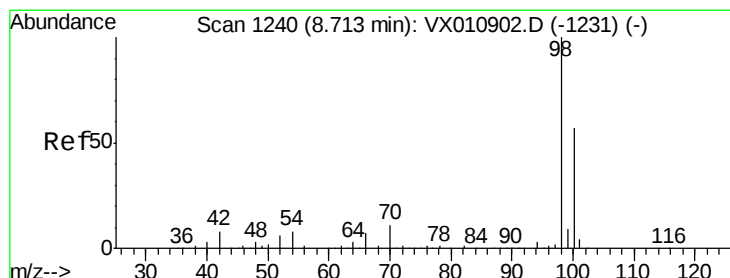
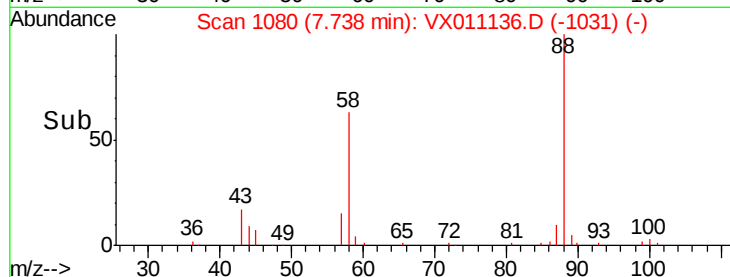
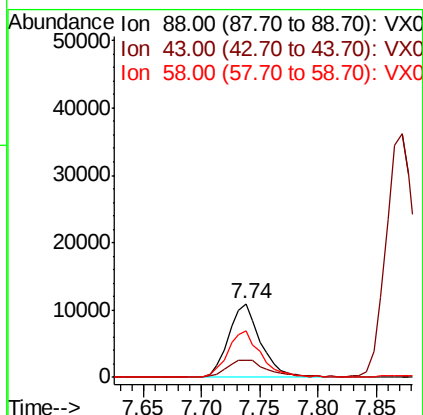
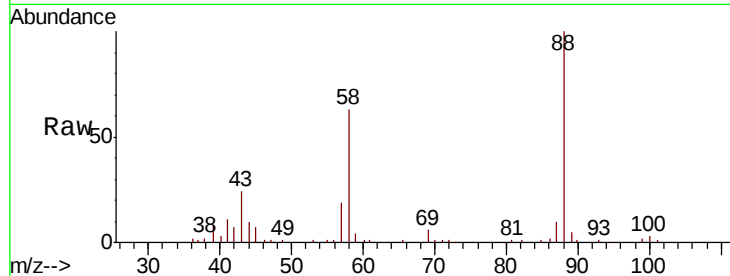




#49  
 1,4-Dioxane  
 Concen: 397.280 ug/l  
 RT: 7.74 min Scan# 1080  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

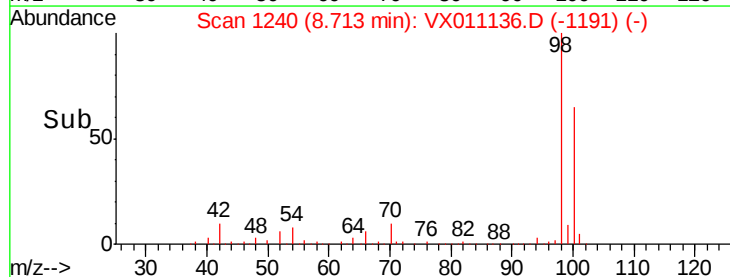
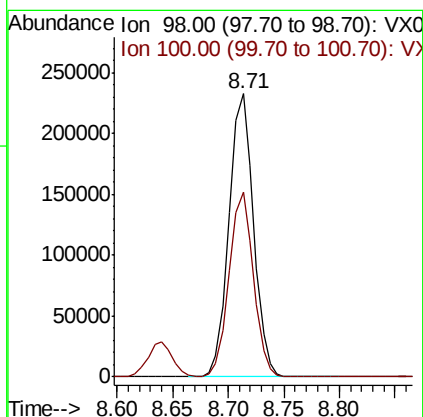
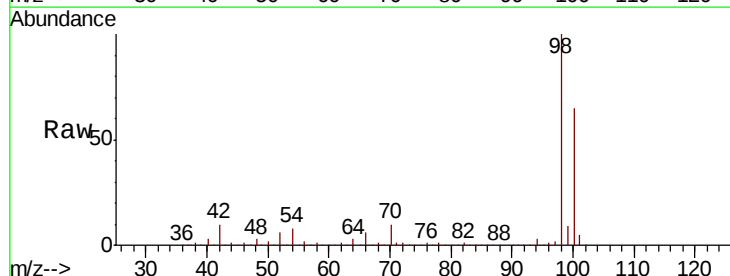
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBS01

Tot Ion: 88 Resp: 20974  
 Ion Ratio Lower Upper  
 88 100  
 43 30.3 22.9 34.3  
 58 64.3 49.8 74.8



#50  
 Toluene-d8  
 Concen: 53.331 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Tgt Ion: 98 Resp: 355656  
 Ion Ratio Lower Upper  
 98 100  
 100 64.6 50.6 75.8

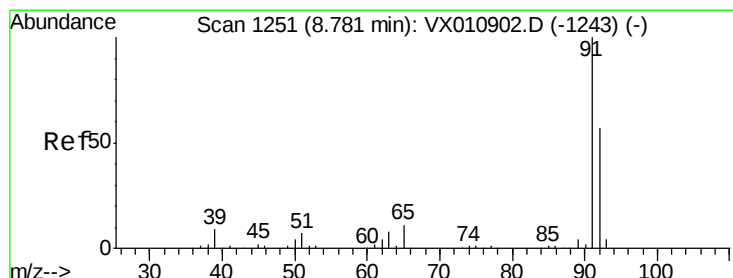
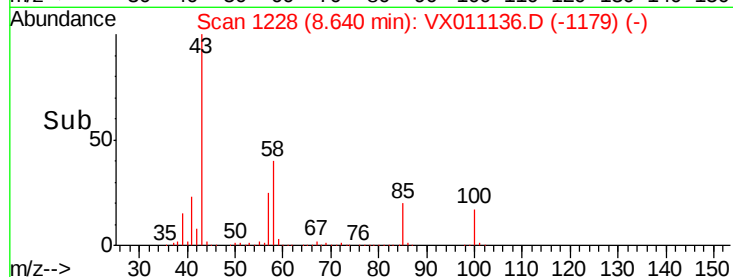
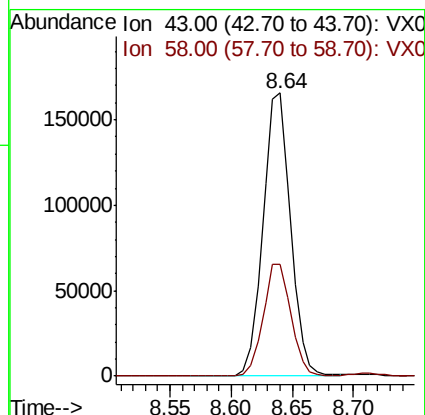
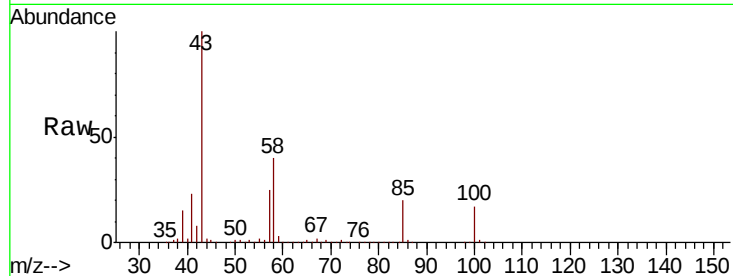




#51  
 4-Methyl-2-Pentanone  
 Concen: 103.548 ug/l  
 RT: 8.64 min Scan# 1228  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

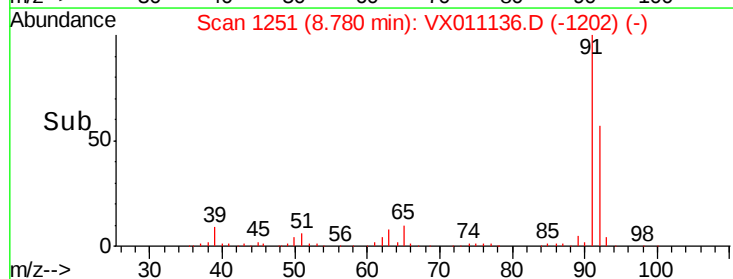
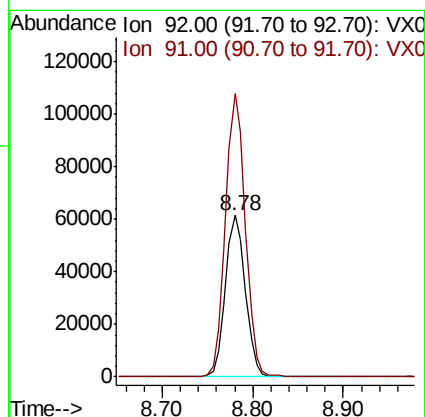
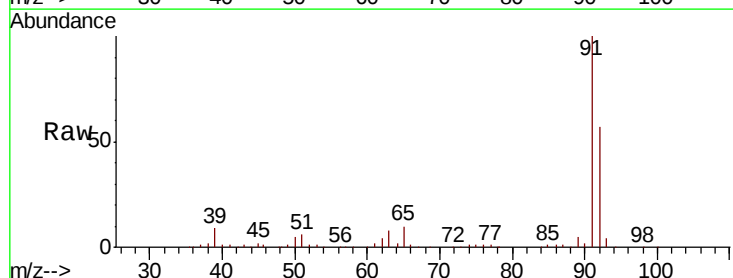
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBS01

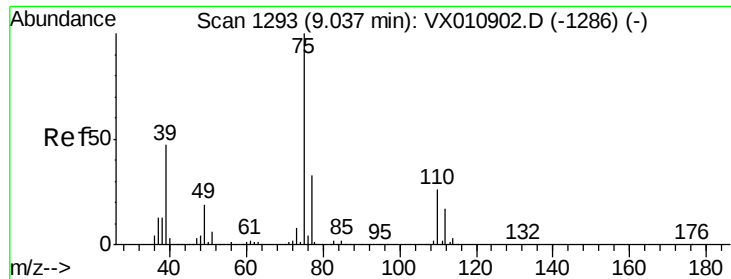
Tot Ion: 43 Resp: 260057  
 Ion Ratio Lower Upper  
 43 100  
 58 40.0 32.2 48.4



#52  
 Toluene  
 Concen: 20.359 ug/l  
 RT: 8.78 min Scan# 1251  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Tgt Ion: 92 Resp: 94269  
 Ion Ratio Lower Upper  
 92 100  
 91 174.7 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 20.165 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

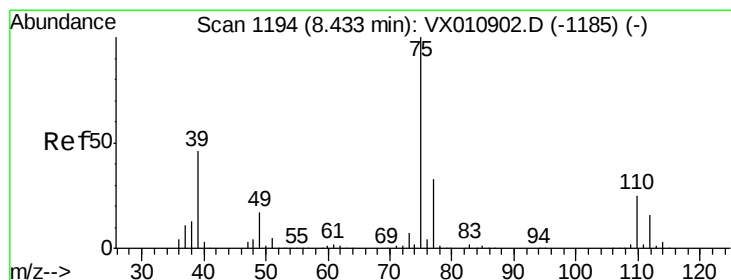
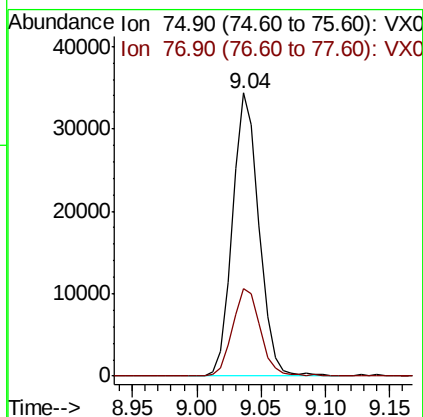
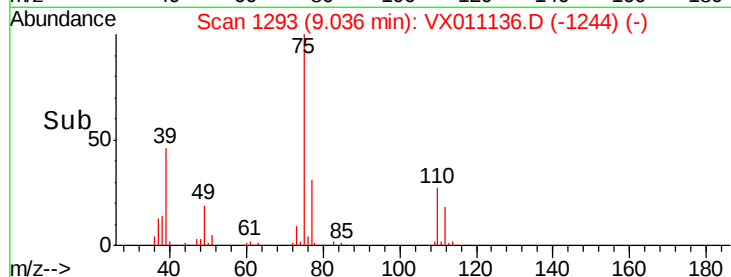
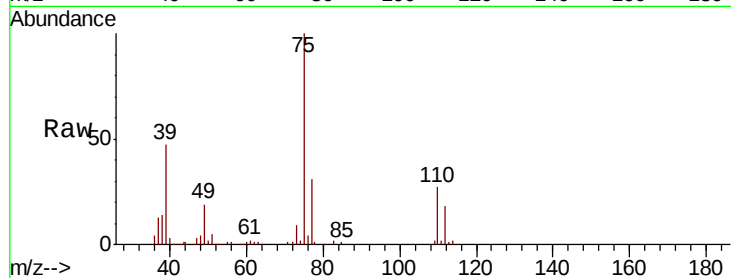
VX0729WBS01

Tot Ion: 75 Resp: 49478

Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 20.270 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

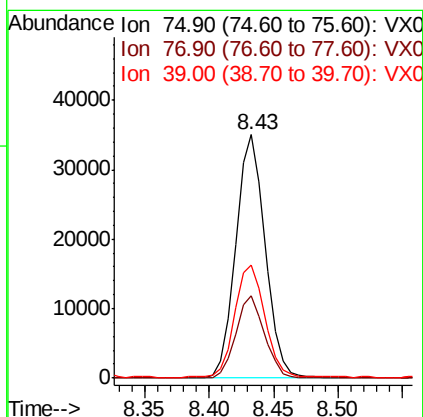
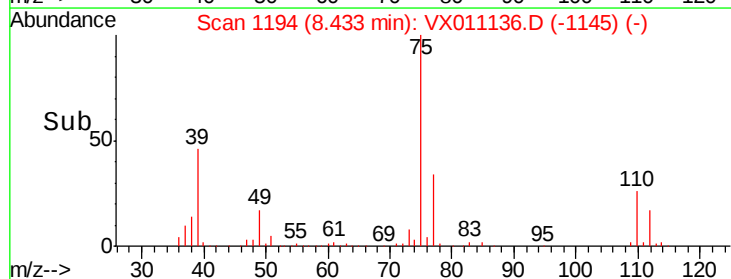
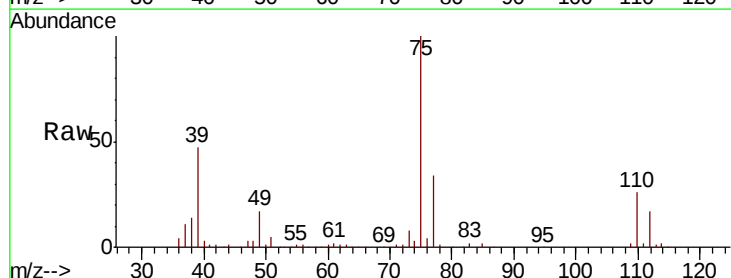
Tgt Ion: 75 Resp: 55342

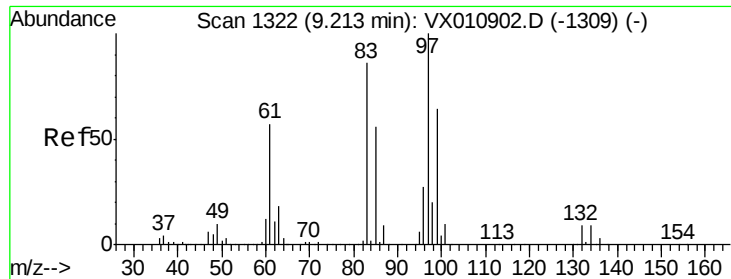
Ion Ratio Lower Upper

75 100

77 33.6 26.1 39.1

39 46.0 36.6 54.8

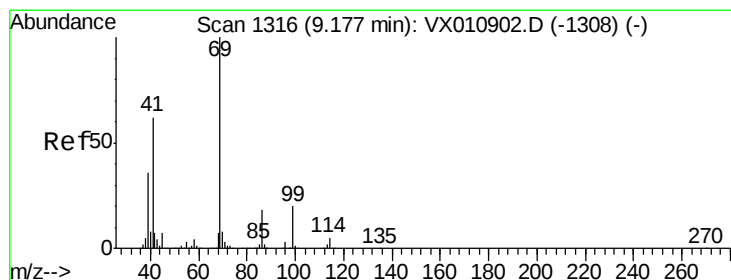
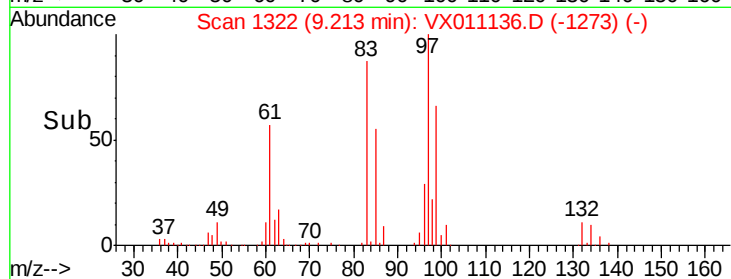
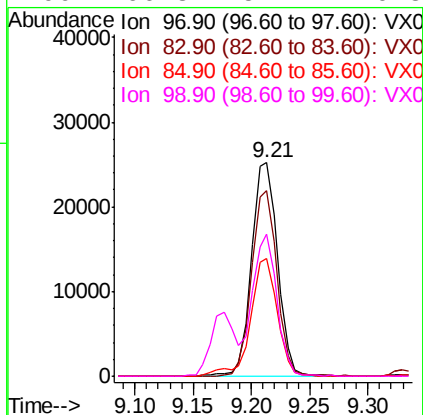
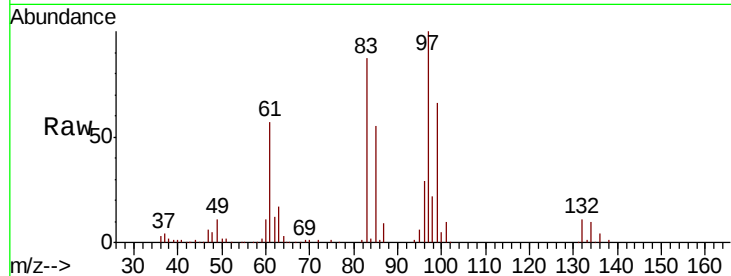




#55  
 1,1,2-Trichloroethane  
 Concen: 20.700 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

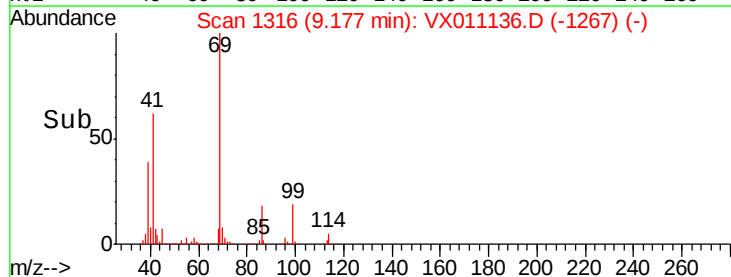
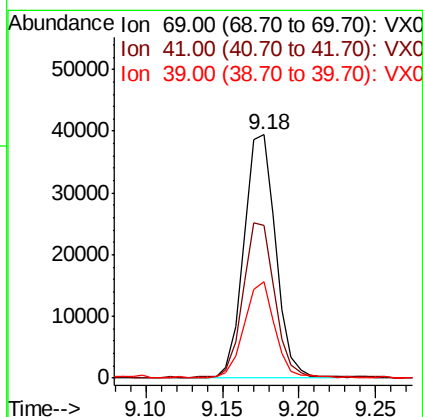
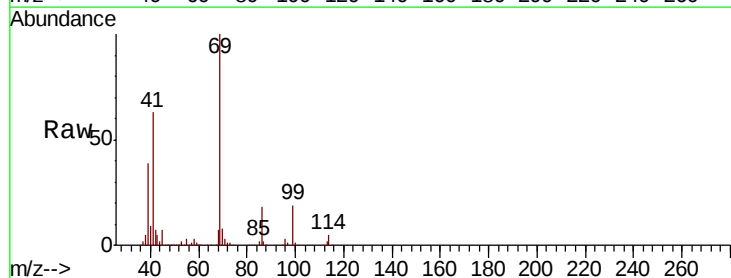
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBS01

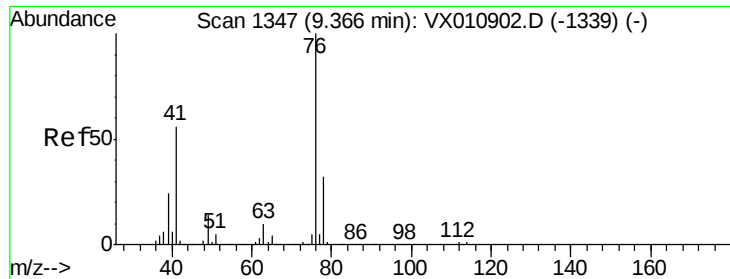
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 39466 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.8  | 69.2  | 103.8 |
| 85       | 55.4  | 44.6  | 66.8  |
| 99       | 66.3  | 51.2  | 76.8  |



#56  
 Ethyl methacrylate  
 Concen: 20.437 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 56994 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 62.7  | 49.7  | 74.5  |
| 39       | 37.3  | 29.6  | 44.4  |





#57

1,3-Dichloropropane

Concen: 20.752 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

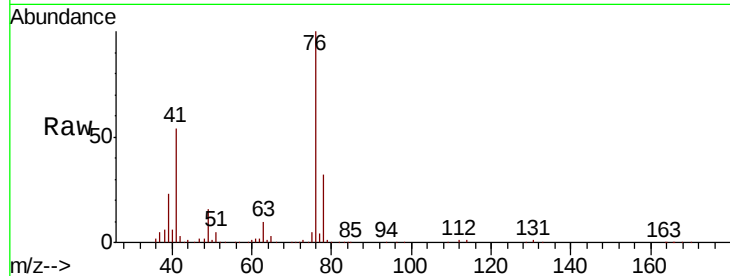
VX0729WBS01

Tot Ion: 76 Resp: 62765

Ion Ratio Lower Upper

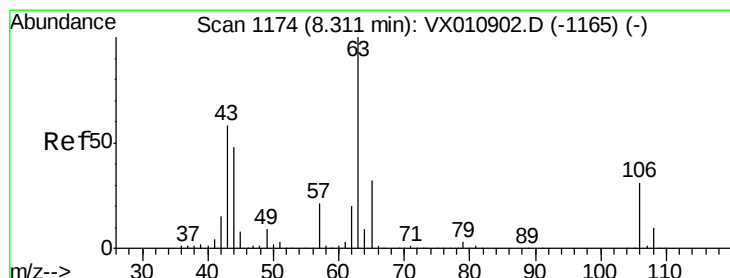
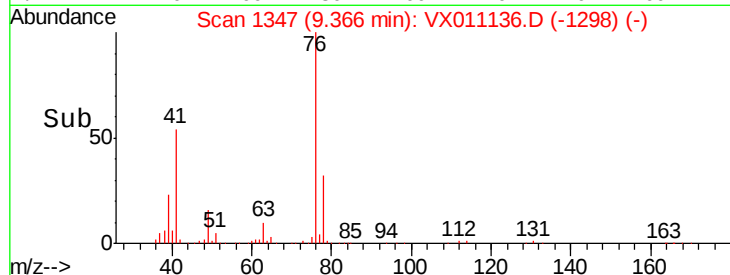
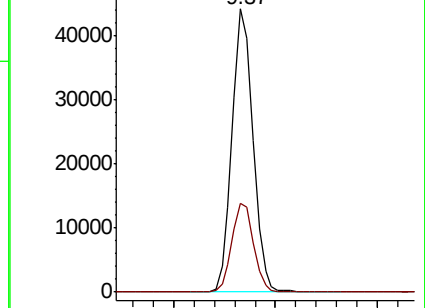
76 100

78 32.4 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 104.149 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011136.D

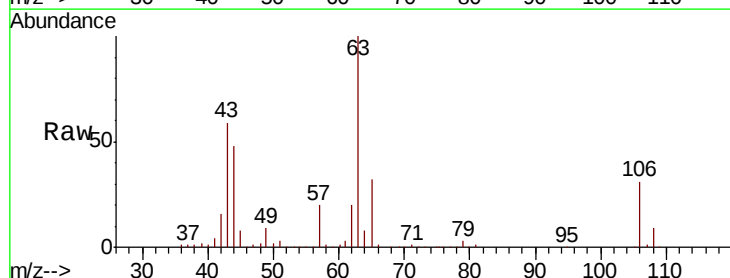
Acq: 29 Jul 2019 11:29

Tgt Ion: 63 Resp: 138651

Ion Ratio Lower Upper

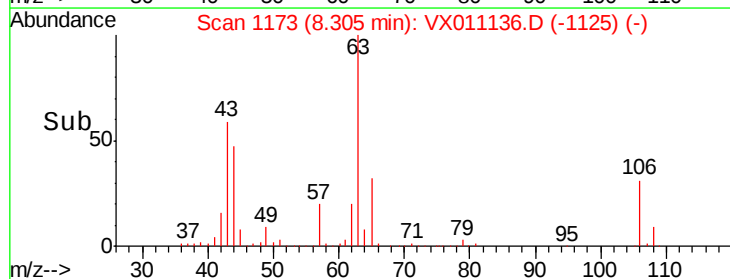
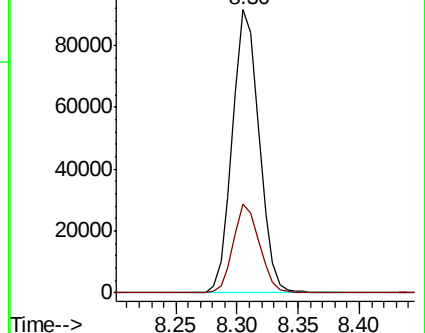
63 100

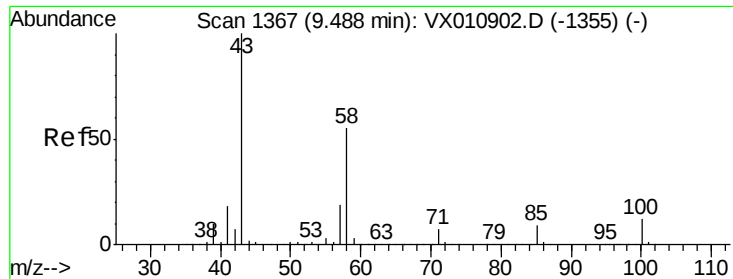
106 30.5 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

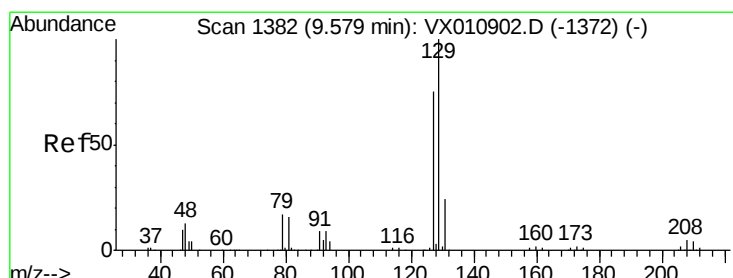
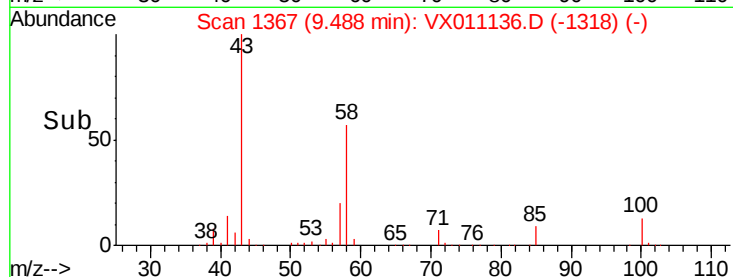
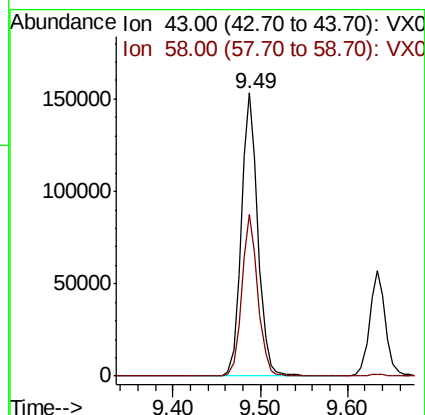
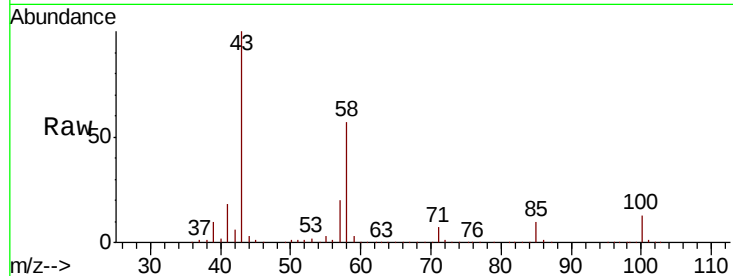




#59  
2-Hexanone  
Concen: 104.110 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

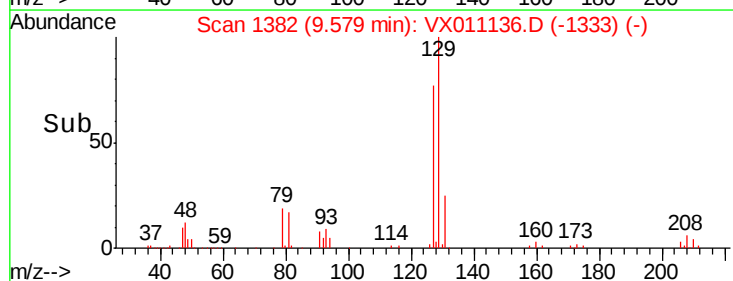
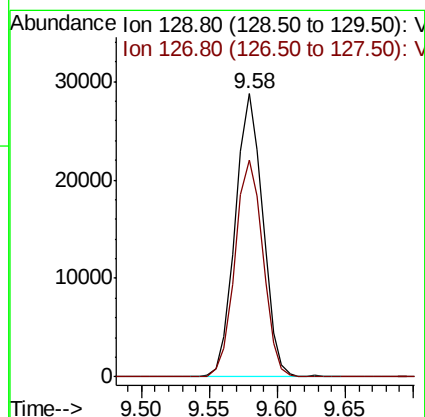
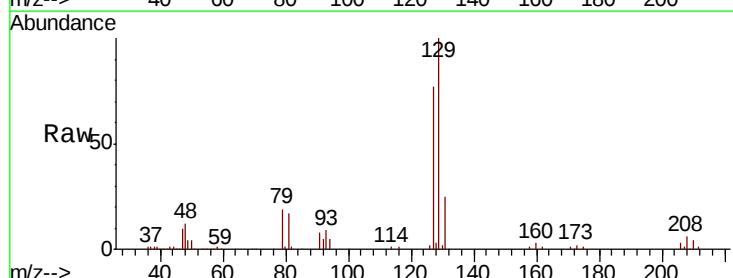
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0729WBS01

Tot Ion: 43 Resp: 202800  
Ion Ratio Lower Upper  
43 100  
58 55.4 28.0 83.9



#60  
Dibromochloromethane  
Concen: 20.199 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

Tgt Ion: 129 Resp: 40838  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.643 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

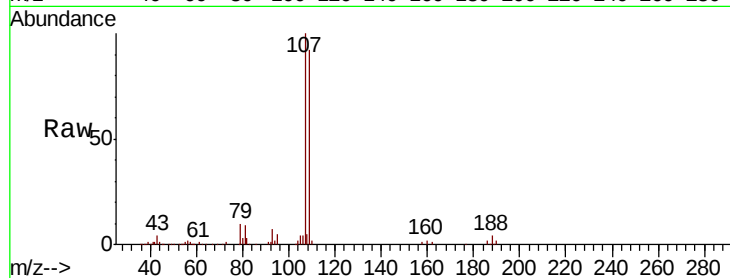
VX0729WBS01

Tot Ion:107 Resp: 41768

Ion Ratio Lower Upper

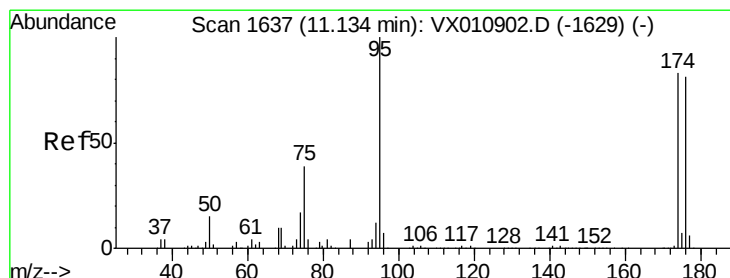
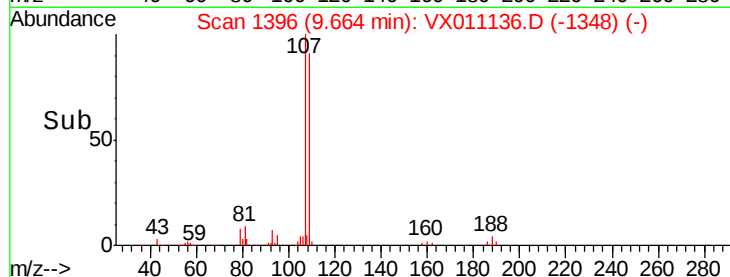
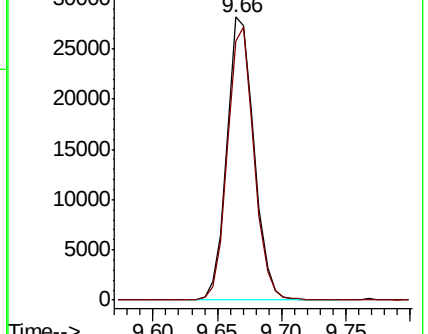
107 100

109 94.3 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.693 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

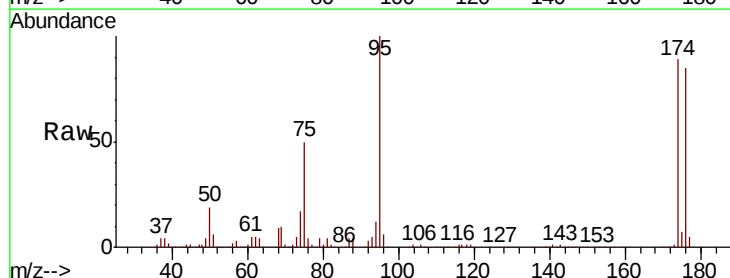
Tgt Ion: 95 Resp: 131616

Ion Ratio Lower Upper

95 100

174 92.6 0.0 180.6

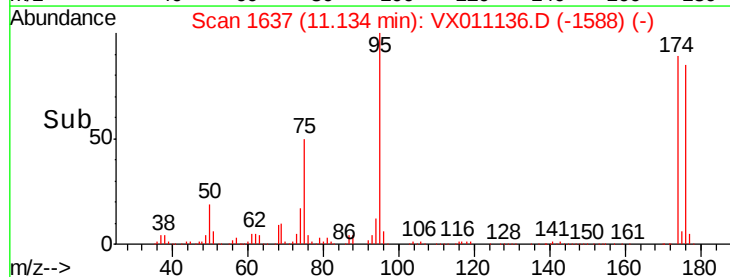
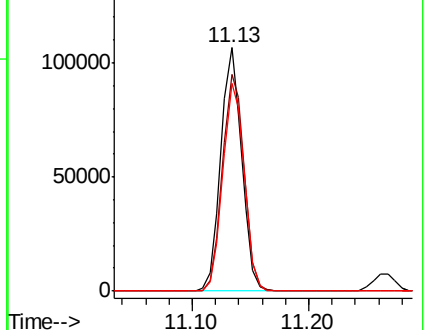
176 88.1 0.0 173.8

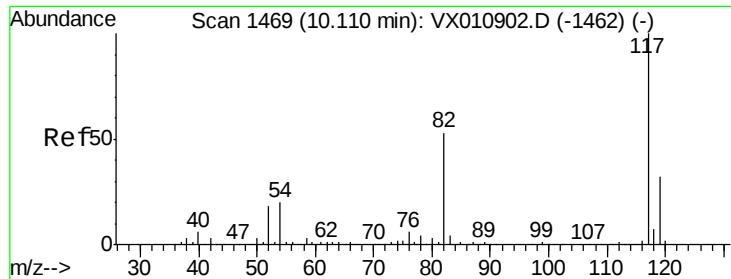


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

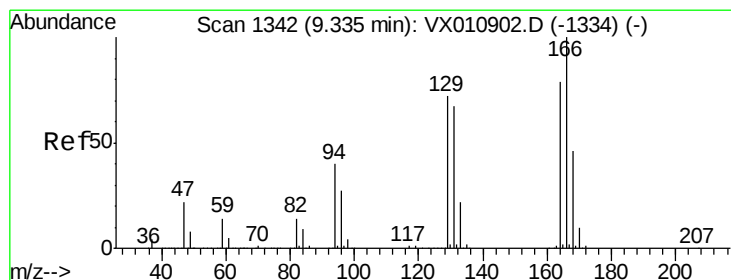
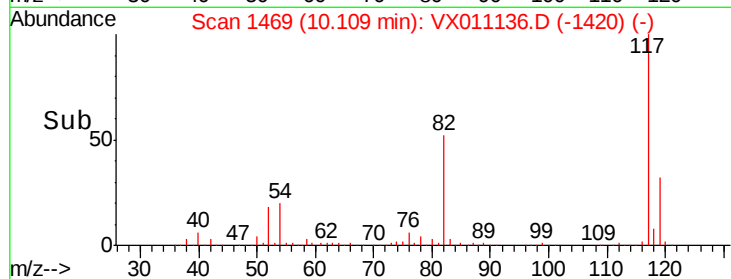
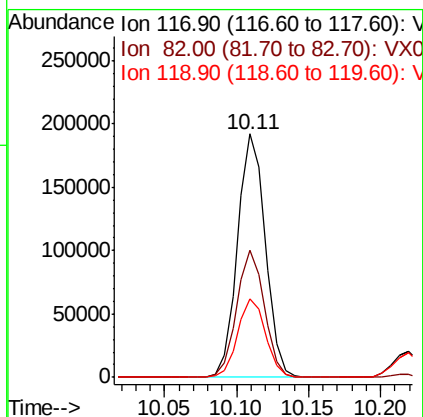
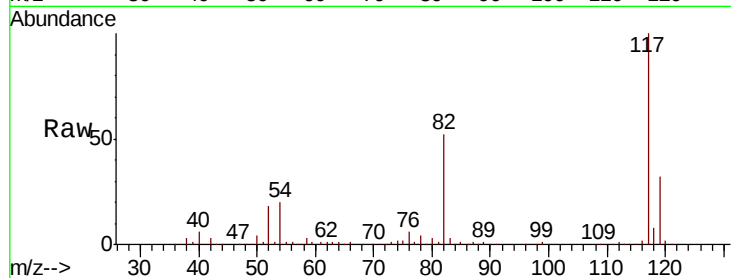




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

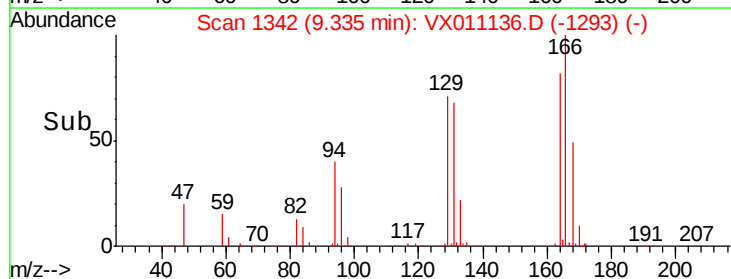
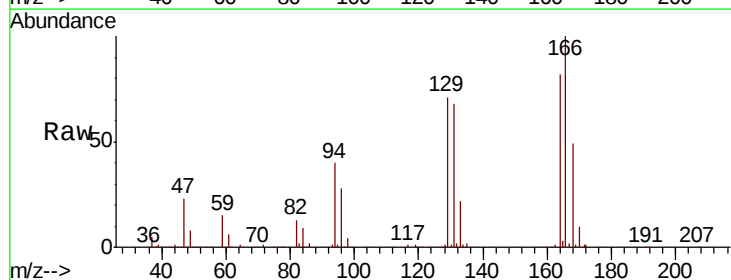
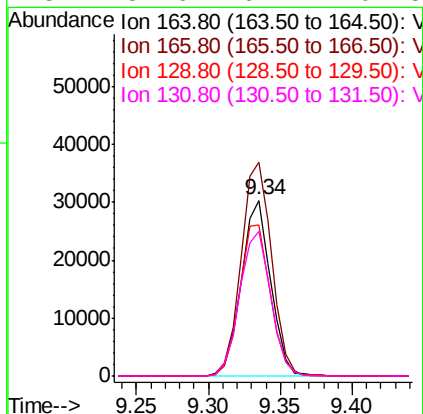
Instrument :  
MSVOA\_X  
ClientSampled :  
VX0729WBS01

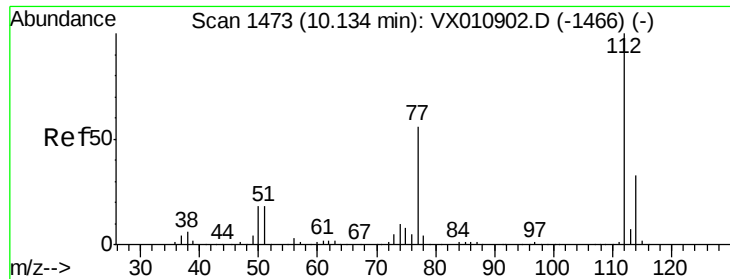
Tot Ion:117 Resp: 258909  
Ion Ratio Lower Upper  
117 100  
82 52.1 42.6 63.8  
119 32.5 25.9 38.9



#64  
Tetrachloroethene  
Concen: 20.952 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

Tgt Ion:164 Resp: 42674  
Ion Ratio Lower Upper  
164 100  
166 121.7 100.8 151.2  
129 85.9 72.6 109.0  
131 82.6 67.7 101.5

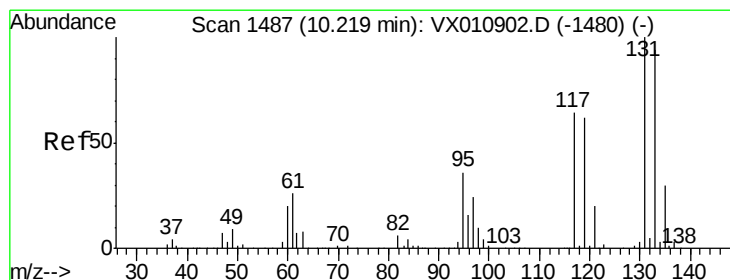
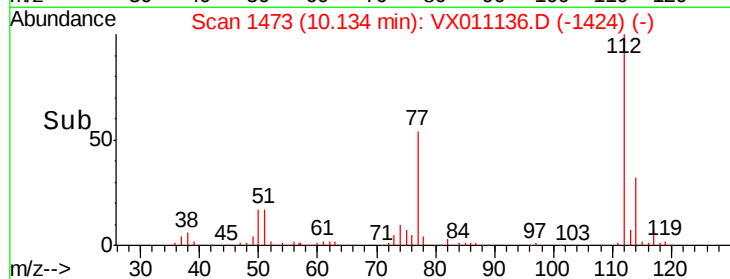
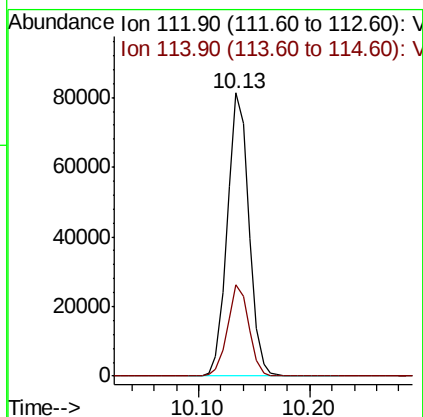
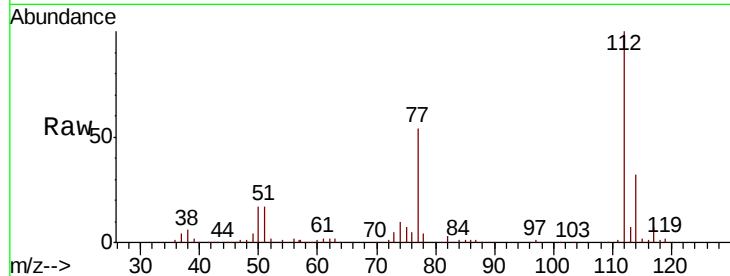




#65  
Chlorobenzene  
Concen: 20.566 ug/l  
RT: 10.13 min Scan# 1473  
Delta R.T. -0.00 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

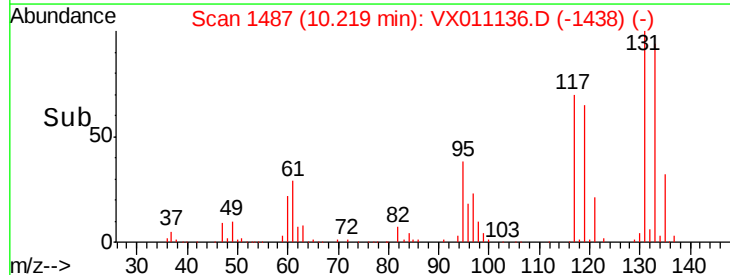
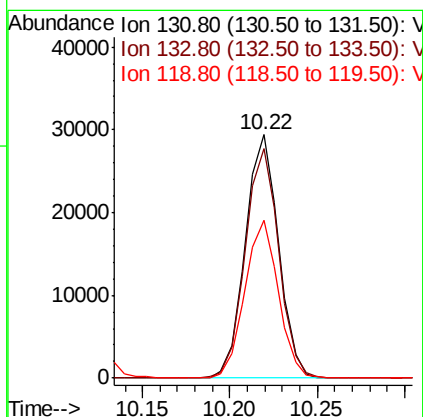
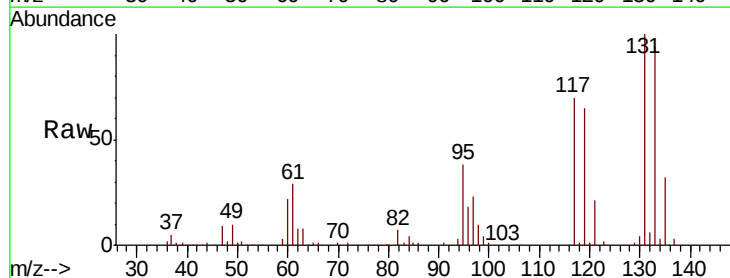
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0729WBS01

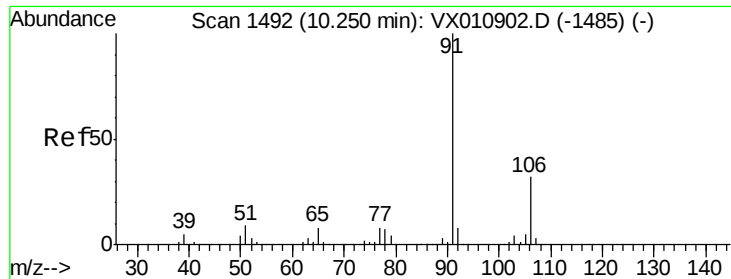
Tot Ion:112 Resp: 109364  
Ion Ratio Lower Upper  
112 100  
114 32.3 26.2 39.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.790 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

Tgt Ion:131 Resp: 38855  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.1 141.4  
119 65.3 31.9 95.7

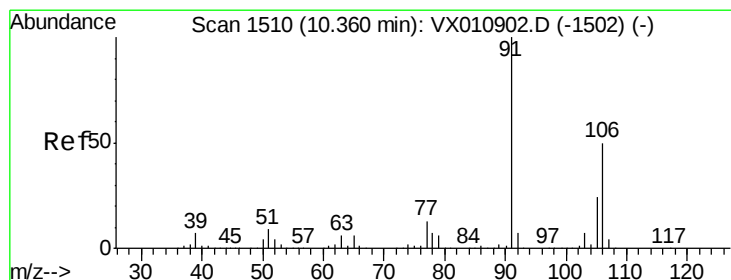
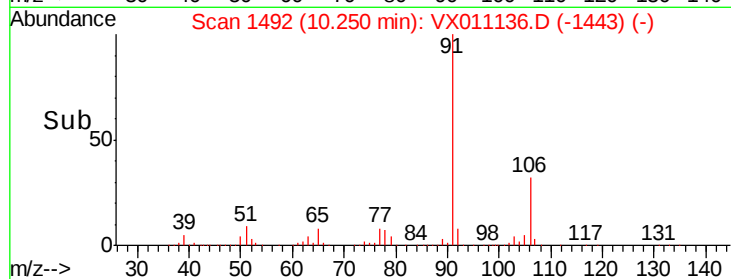
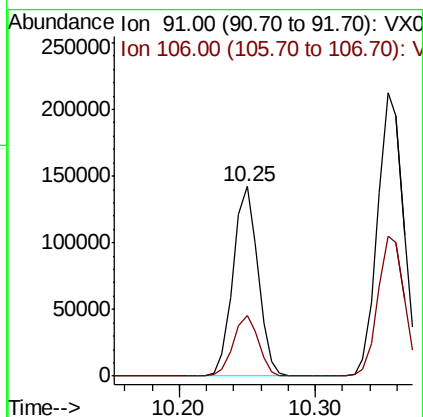
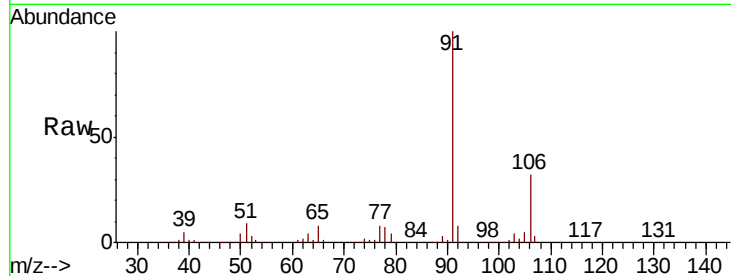




#67  
Ethyl Benzene  
Concen: 20.164 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

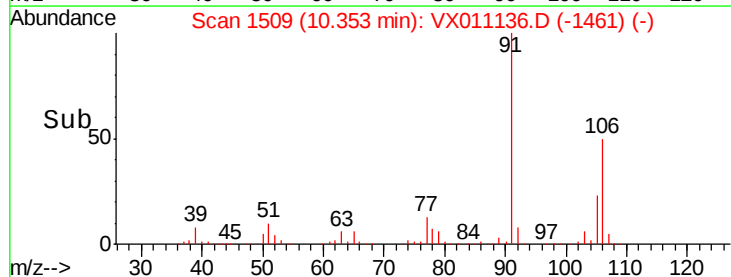
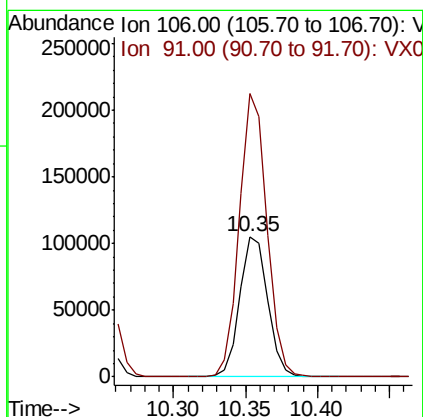
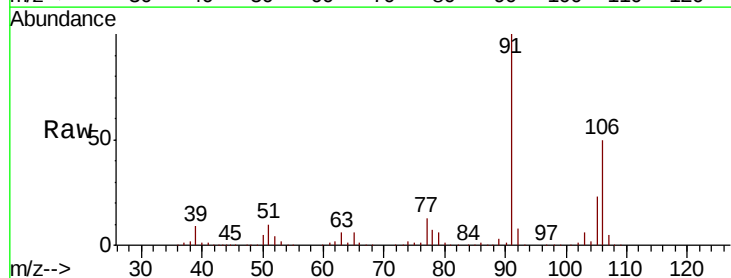
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0729WBS01

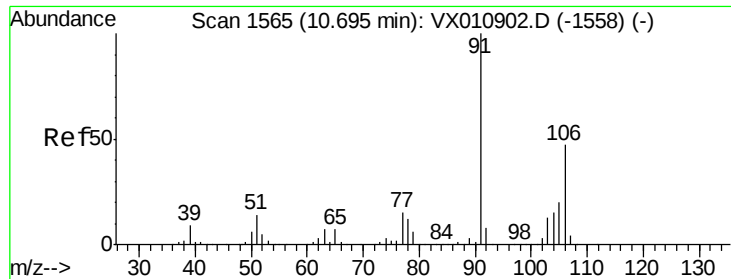
Tot Ion: 91 Resp: 182512  
Ion Ratio Lower Upper  
91 100  
106 31.8 25.4 38.2



#68  
m/p-Xylenes  
Concen: 41.077 ug/l  
RT: 10.35 min Scan# 1509  
Delta R.T. -0.01 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

Tgt Ion: 106 Resp: 142622  
Ion Ratio Lower Upper  
106 100  
91 197.8 160.1 240.1

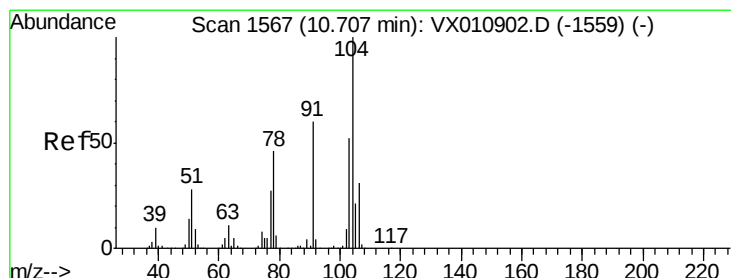
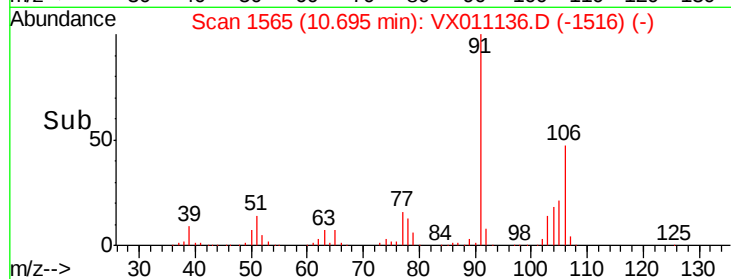
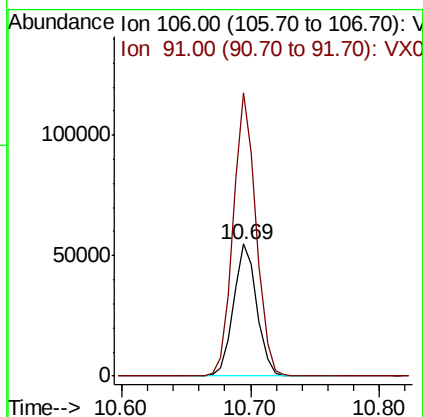
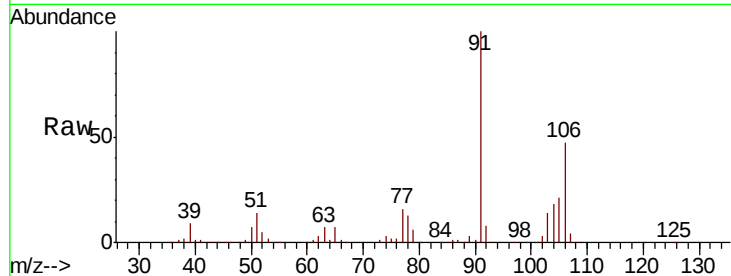




#69  
o-Xylene  
Concen: 20.399 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

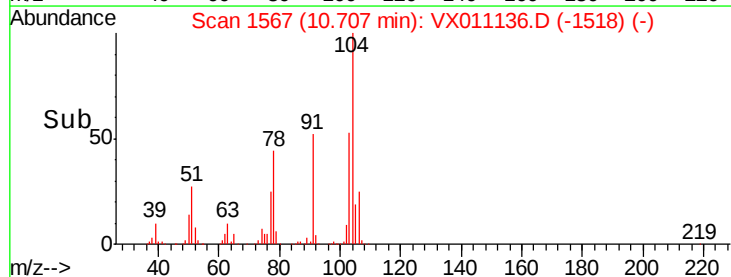
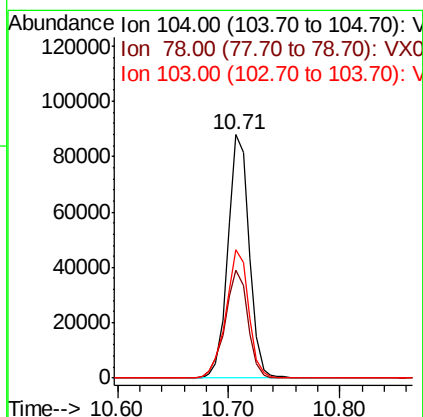
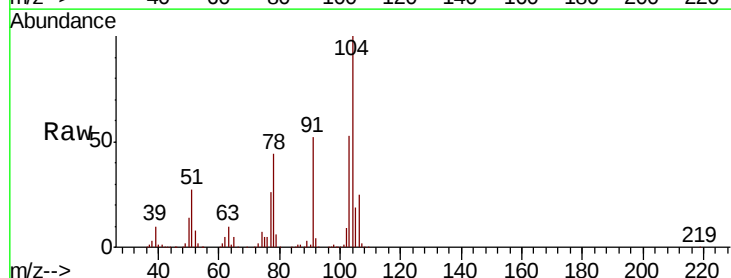
Instrument :  
MSVOA\_X  
ClientSampled :  
VX0729WBS01

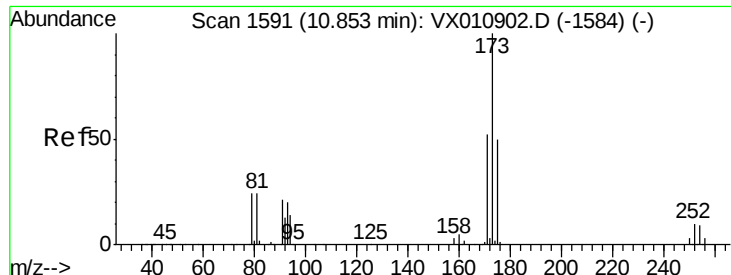
Tot Ion:106 Resp: 69123  
Ion Ratio Lower Upper  
106 100  
91 210.8 105.1 315.3



#70  
Styrene  
Concen: 20.594 ug/l  
RT: 10.71 min Scan# 1567  
Delta R.T. -0.00 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

Tgt Ion:104 Resp: 116331  
Ion Ratio Lower Upper  
104 100  
78 47.7 38.8 58.2  
103 56.2 44.2 66.4





#71

Bromoform

Concen: 19.454 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0729WBS01

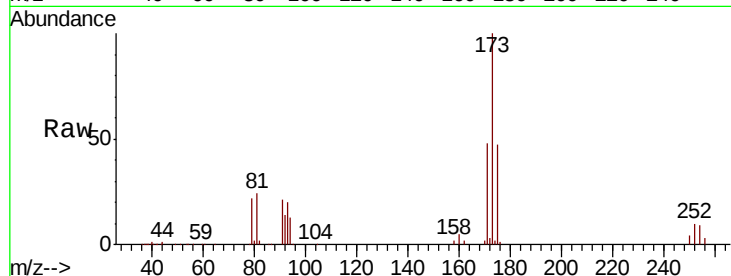
Tot Ion:173 Resp: 30313

Ion Ratio Lower Upper

173 100

175 48.0 24.6 73.6

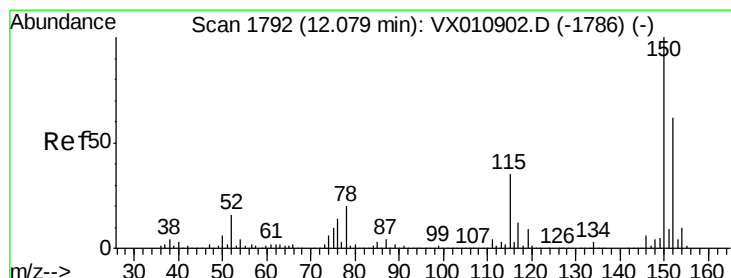
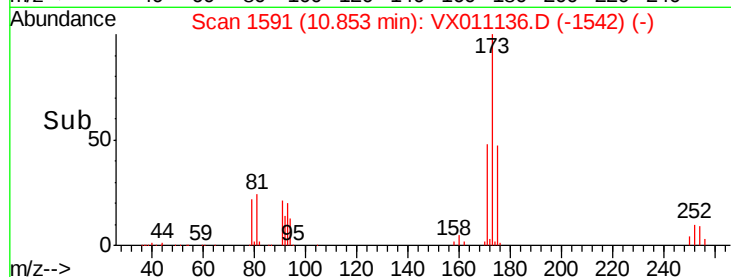
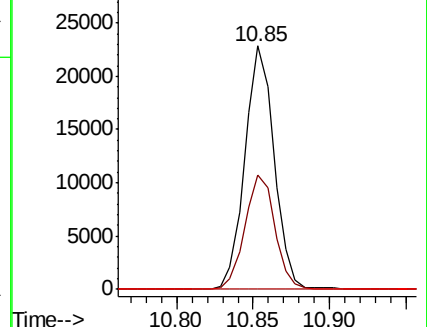
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

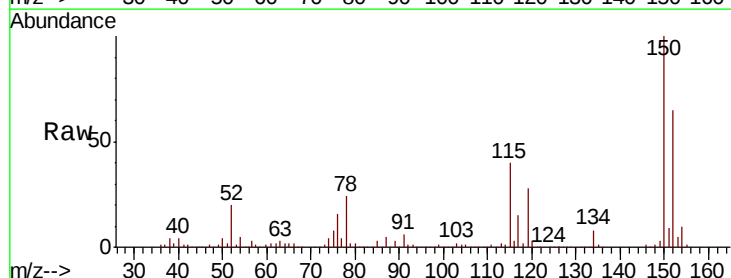
Tgt Ion:152 Resp: 140694

Ion Ratio Lower Upper

152 100

115 65.3 39.7 119.1

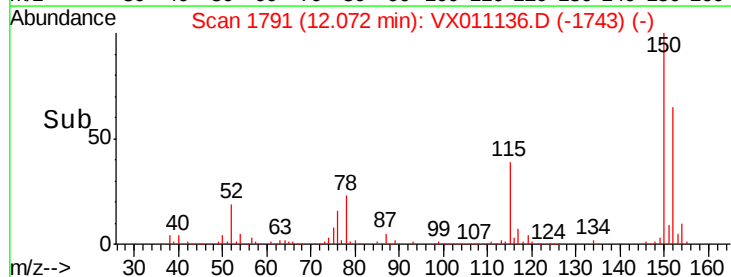
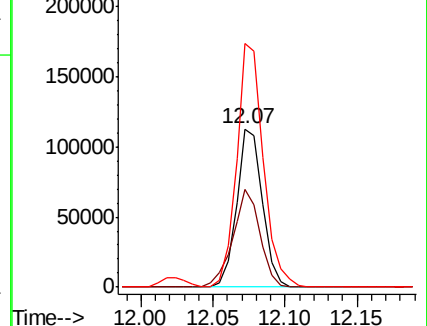
150 160.2 0.0 345.6

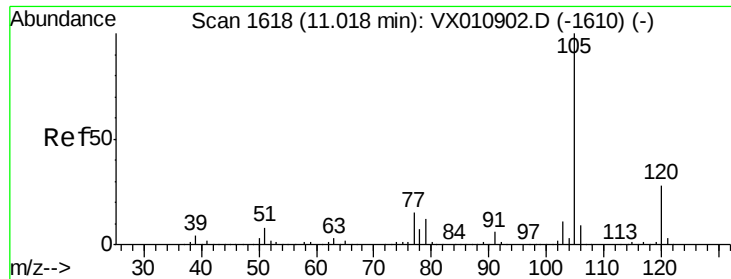


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.639 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

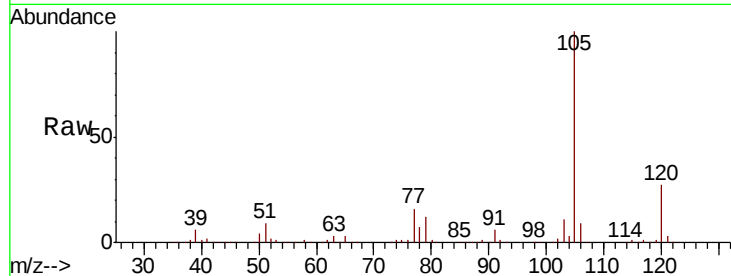
VX0729WBS01

Tot Ion:105 Resp: 186697

Ion Ratio Lower Upper

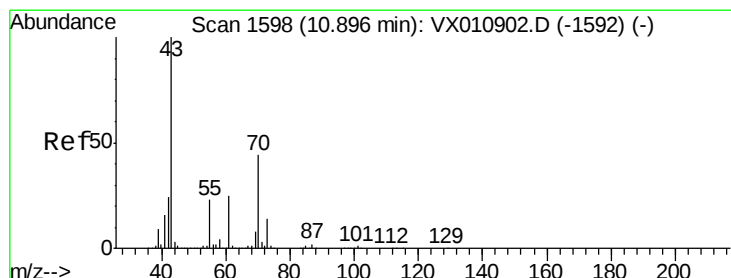
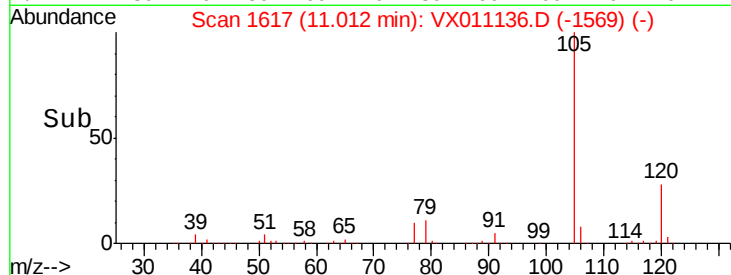
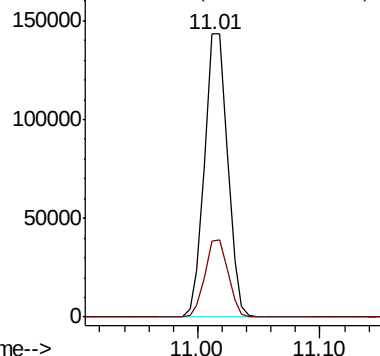
105 100

120 27.3 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.889 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Tgt Ion: 43 Resp: 68613

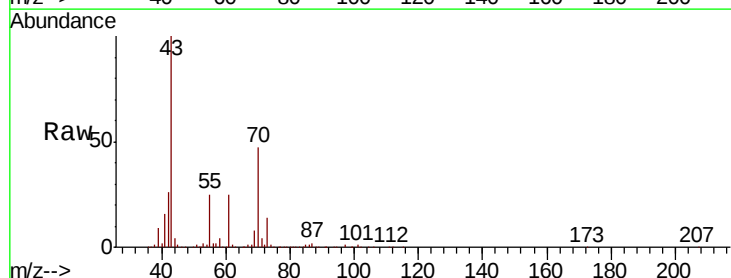
Ion Ratio Lower Upper

43 100

70 45.3 34.7 52.1

55 24.9 19.1 28.7

61 24.3 19.9 29.9

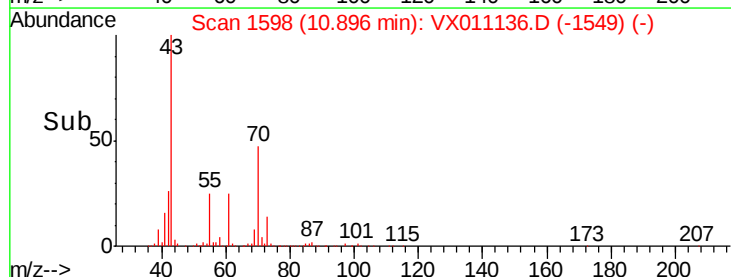
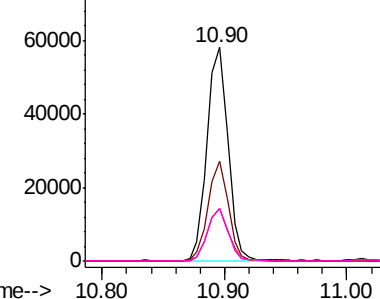


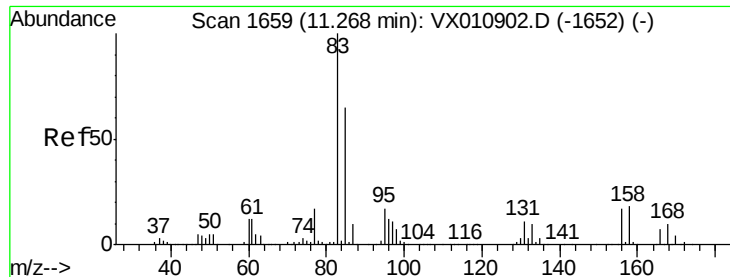
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.811 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0729WBS01

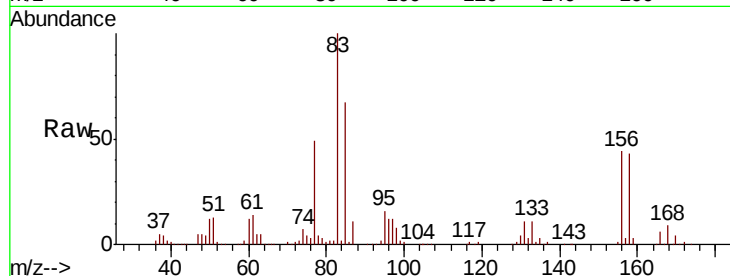
Tot Ion: 83 Resp: 61633

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

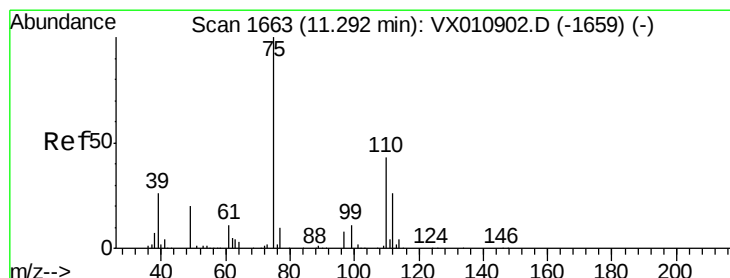
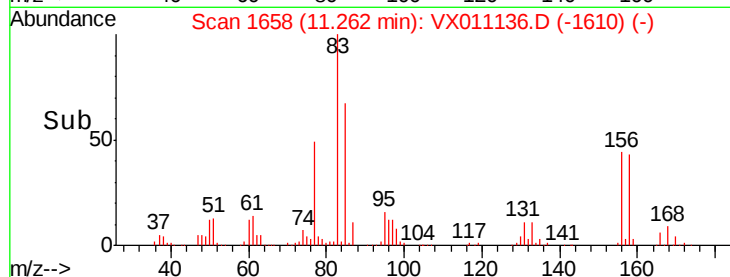
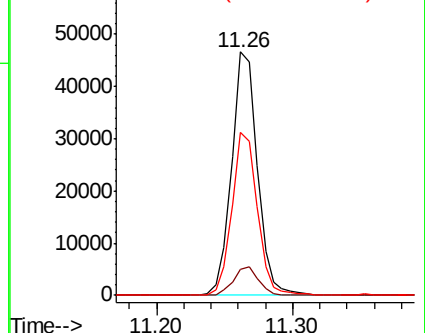
85 66.3 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.342 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011136.D

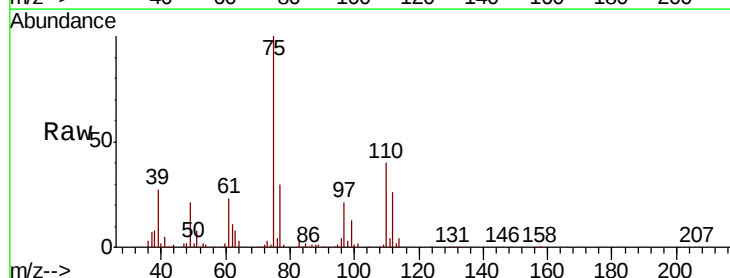
Acq: 29 Jul 2019 11:29

Tgt Ion: 75 Resp: 64341

Ion Ratio Lower Upper

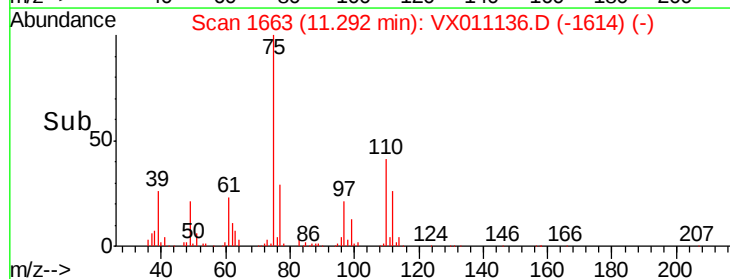
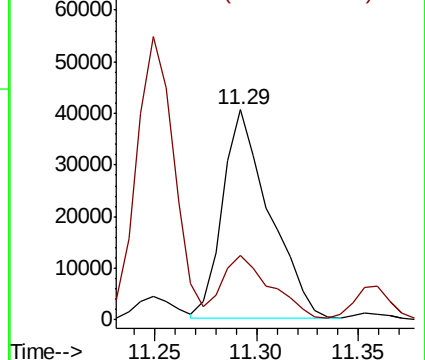
75 100

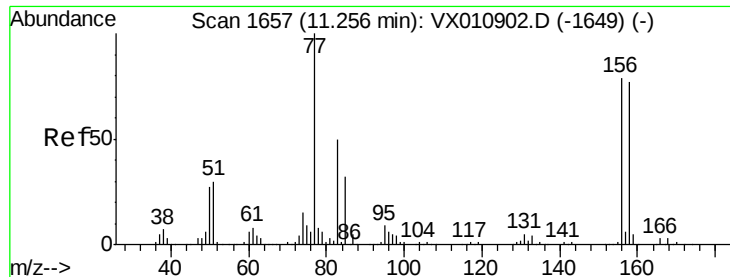
77 32.2 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.299 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0729WBS01

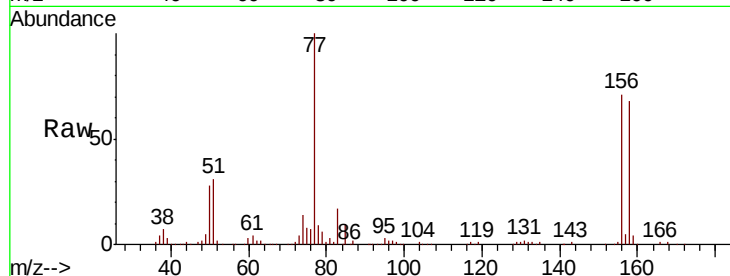
Tot Ion:156 Resp: 50608

Ion Ratio Lower Upper

156 100

77 138.9 68.7 206.1

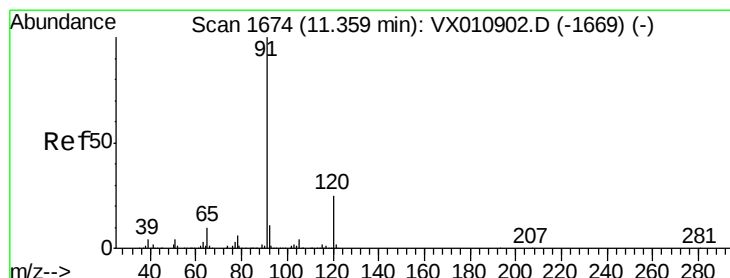
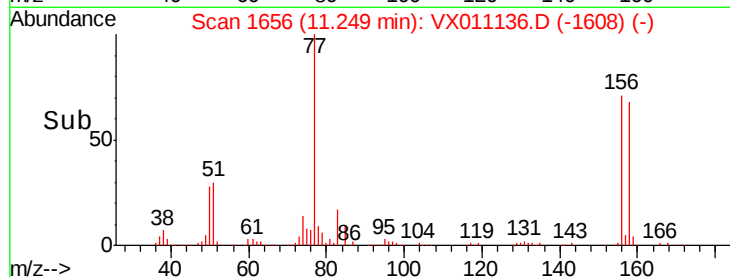
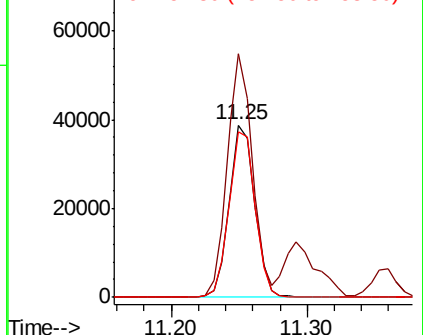
158 98.5 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.958 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011136.D

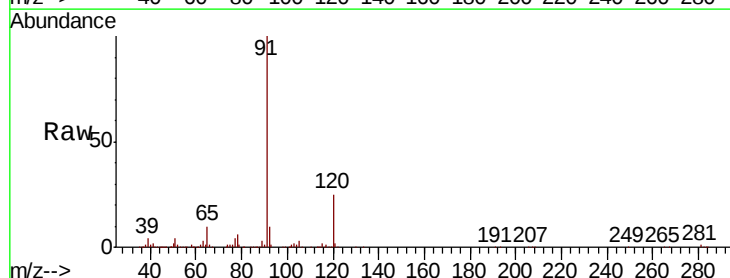
Acq: 29 Jul 2019 11:29

Tgt Ion: 91 Resp: 209639

Ion Ratio Lower Upper

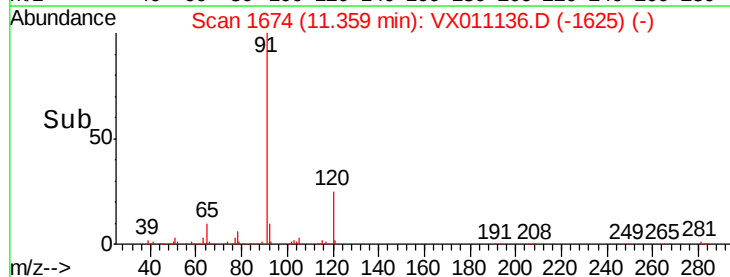
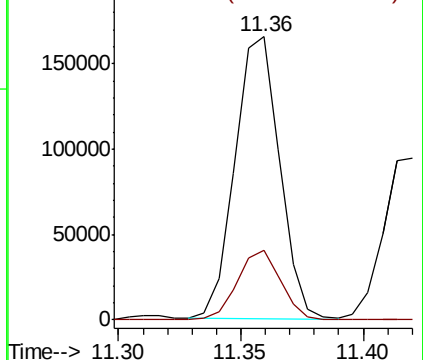
91 100

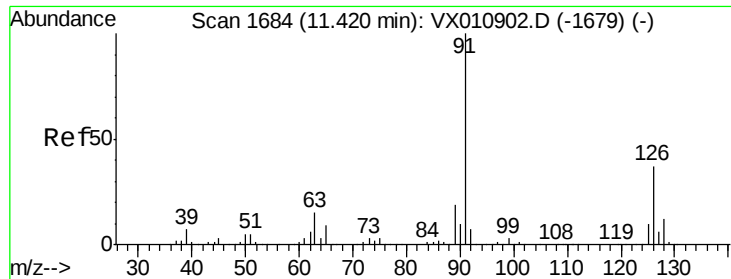
120 24.1 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

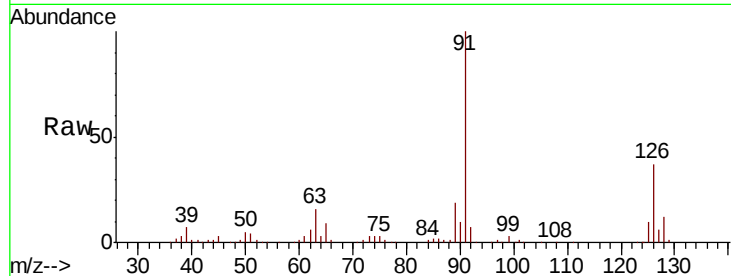




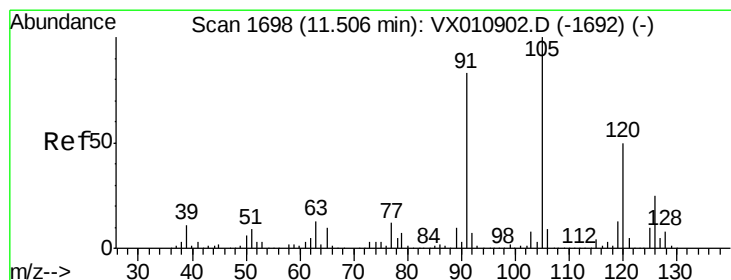
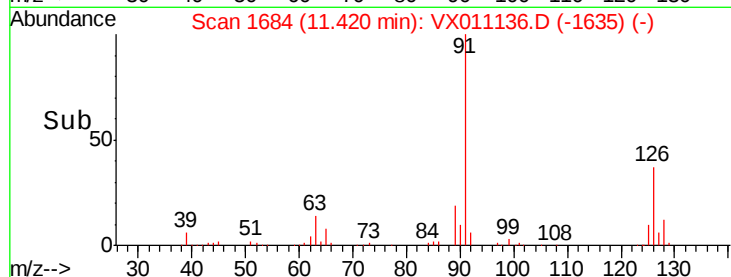
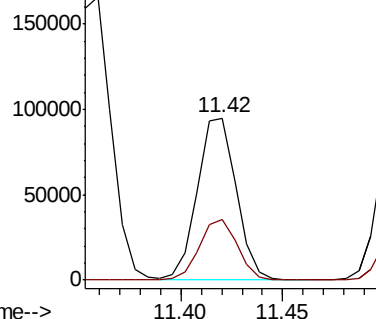
#79  
 2-Chlorotoluene  
 Concen: 19.625 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBS01

Tot Ion: 91 Resp: 123836  
 Ion Ratio Lower Upper  
 91 100  
 126 36.9 18.0 54.0

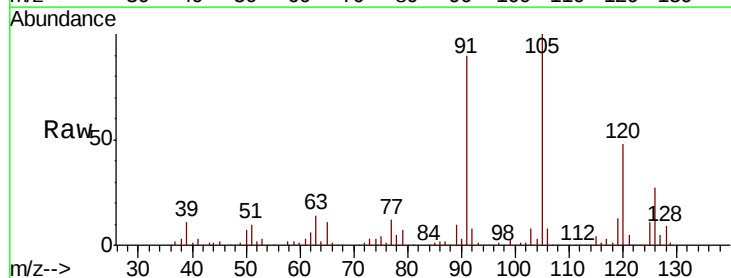


Abundance Ion 91.00 (90.70 to 91.70): VX0  
 Ion 125.90 (125.60 to 126.60): V

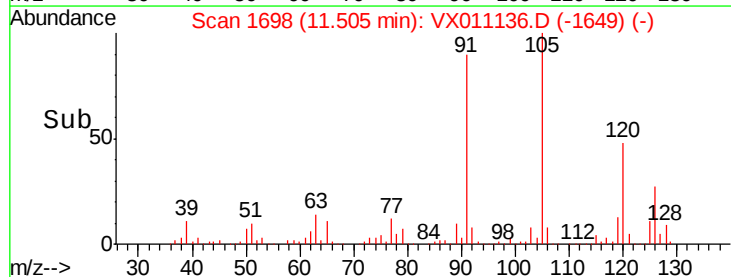
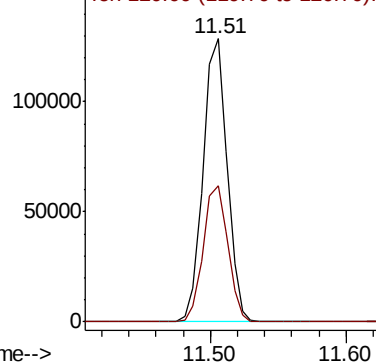


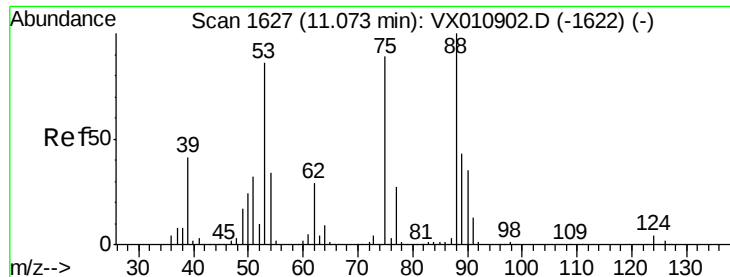
#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.960 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Tgt Ion: 105 Resp: 158558  
 Ion Ratio Lower Upper  
 105 100  
 120 49.3 24.6 73.8



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: 19.357 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0729WBS01

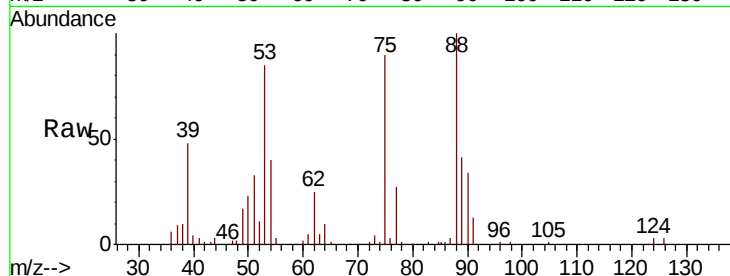
Tot Ion: 75 Resp: 16742

Ion Ratio Lower Upper

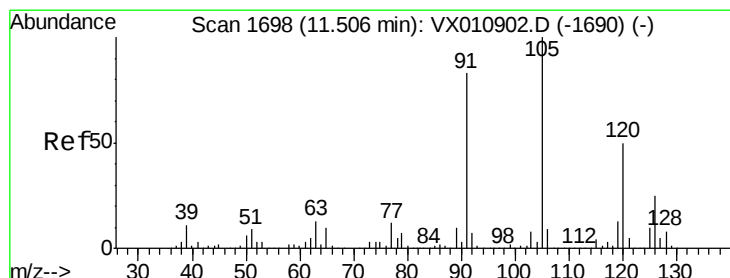
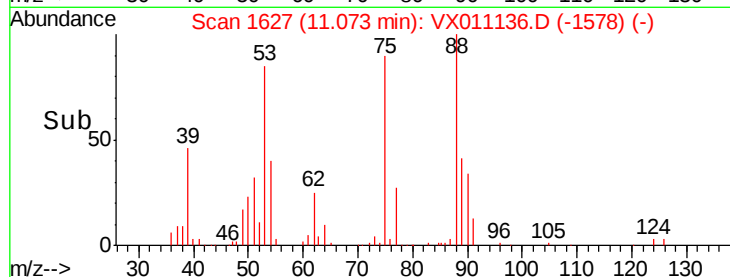
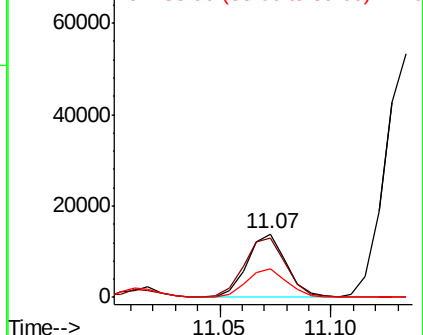
75 100

53 100.5 76.7 115.1

89 47.8 38.5 57.7



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



#82

4-Chlorotoluene

Concen: 19.883 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011136.D

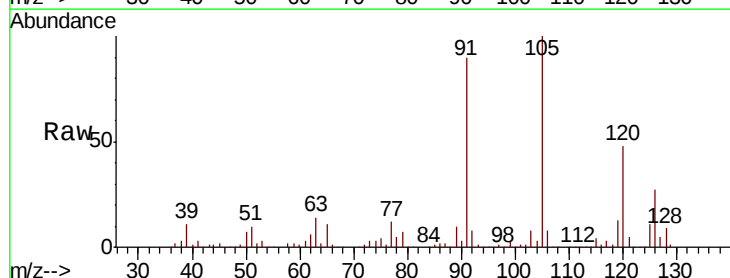
Acq: 29 Jul 2019 11:29

Tgt Ion: 91 Resp: 146025

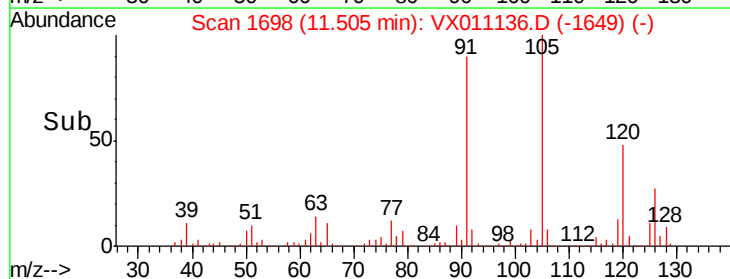
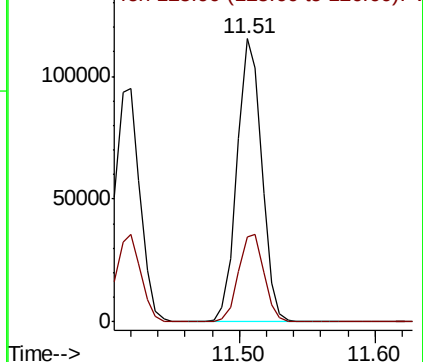
Ion Ratio Lower Upper

91 100

126 32.1 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.862 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0729WBS01

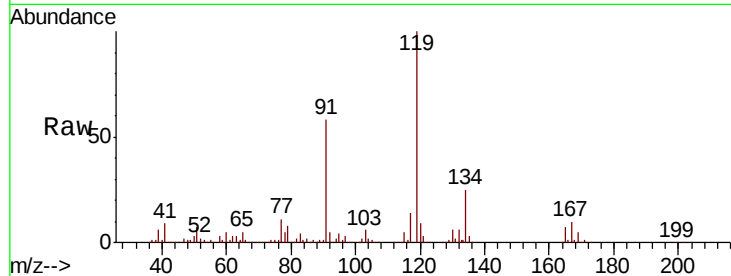
Tot Ion:119 Resp: 154981

Ion Ratio Lower Upper

119 100

91 58.9 28.6 85.8

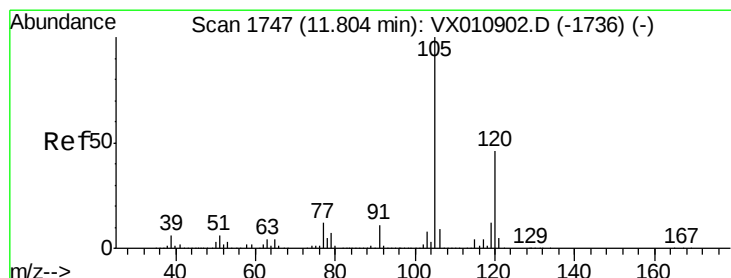
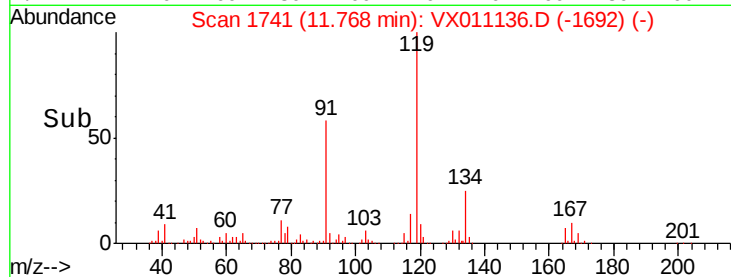
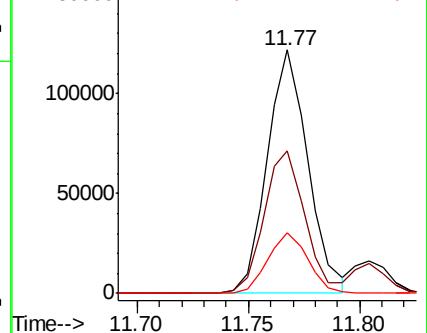
134 24.4 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.949 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX011136.D

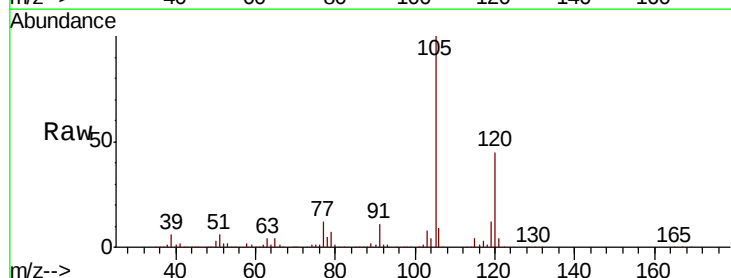
Acq: 29 Jul 2019 11:29

Tgt Ion:105 Resp: 159720

Ion Ratio Lower Upper

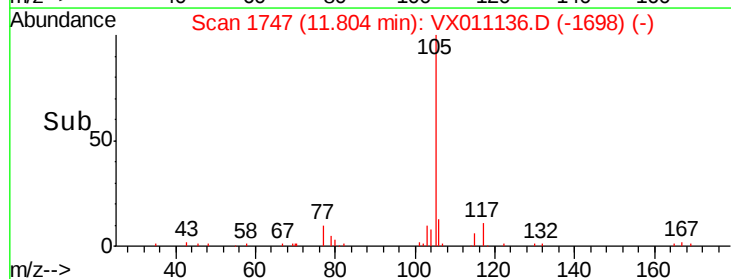
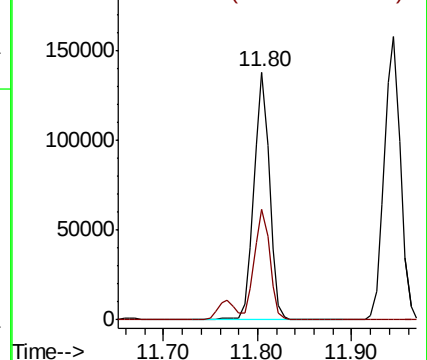
105 100

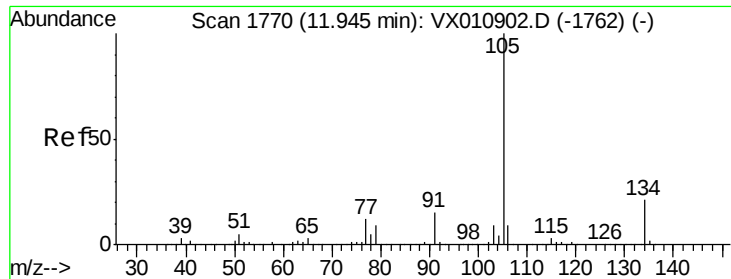
120 44.9 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.674 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

Instrument :

MSVOA\_X

ClientSampleId :

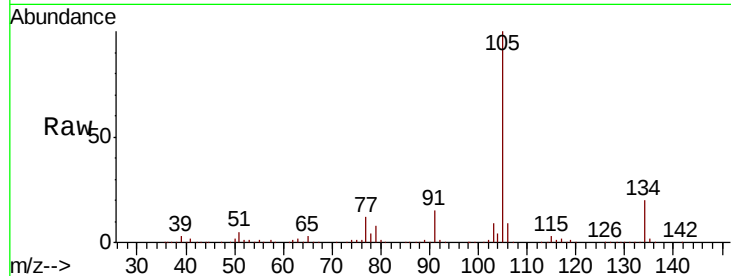
VX0729WBS01

Tot Ion:105 Resp: 189017

Ion Ratio Lower Upper

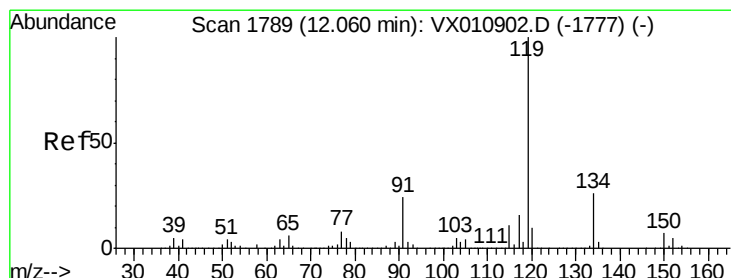
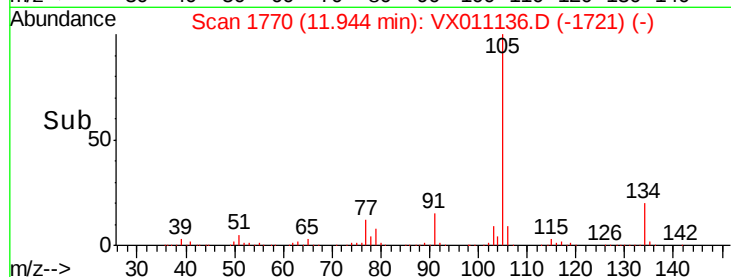
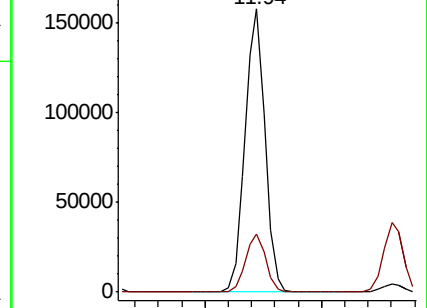
105 100

134 20.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.165 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011136.D

Acq: 29 Jul 2019 11:29

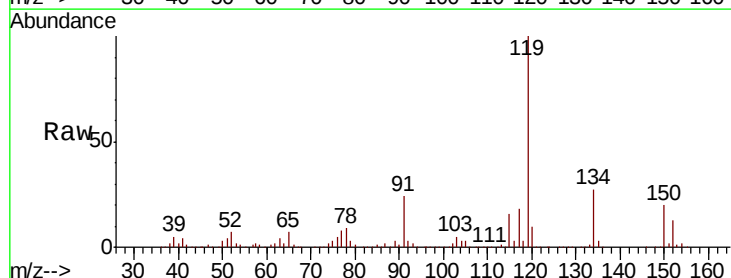
Tgt Ion:119 Resp: 170443

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

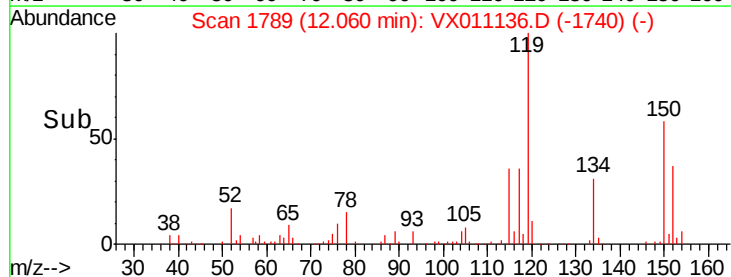
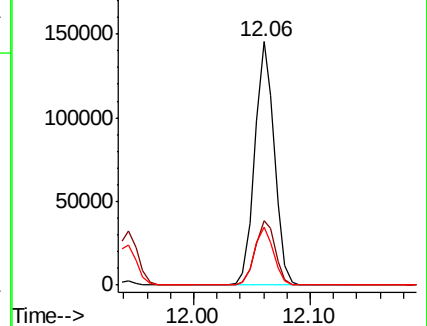
91 23.8 11.8 35.4

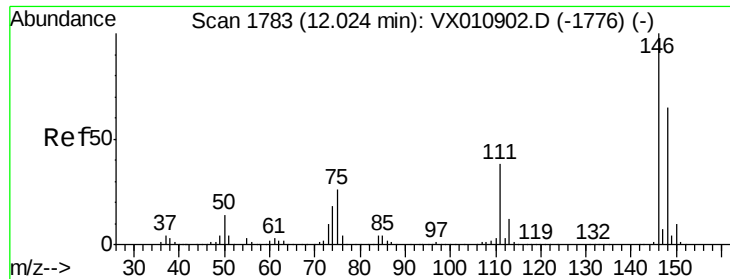


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

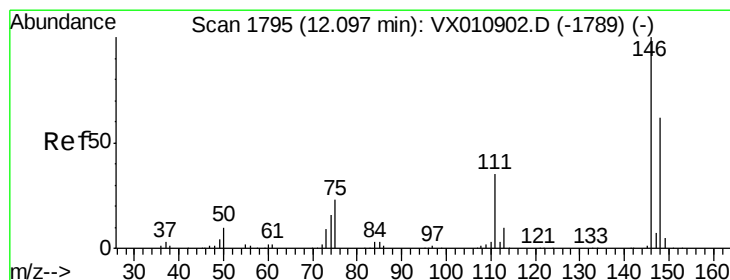
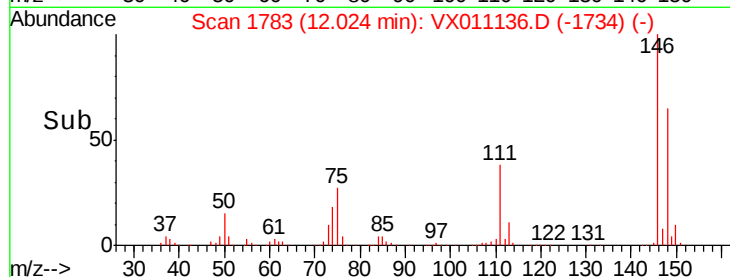
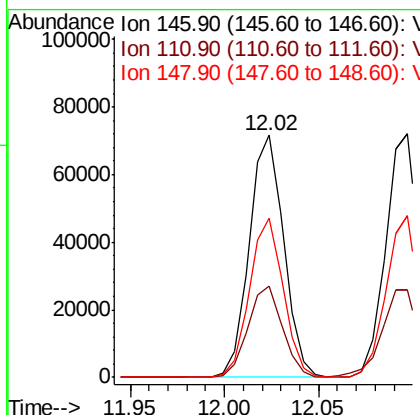
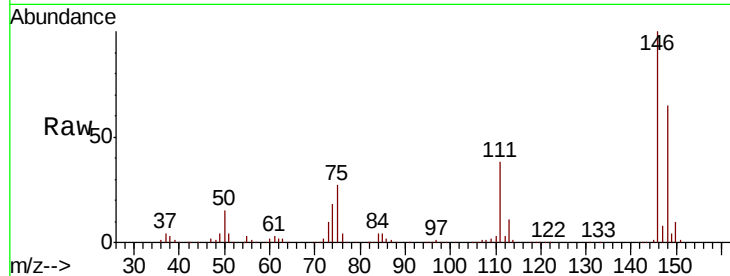




#87  
 1,3-Dichlorobenzene  
 Concen: 19.959 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

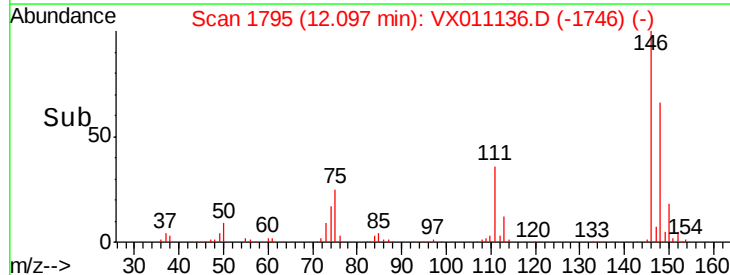
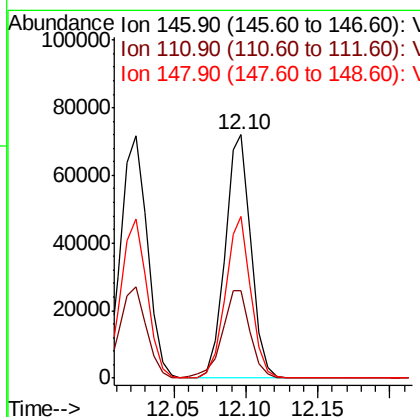
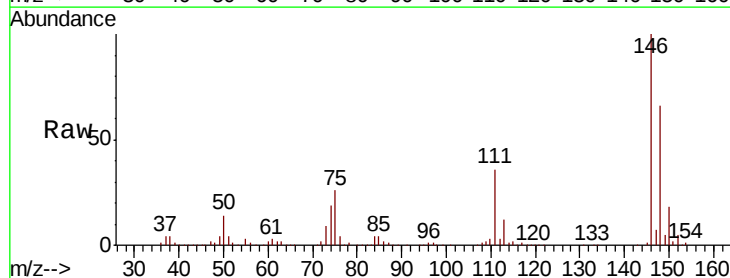
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBS01

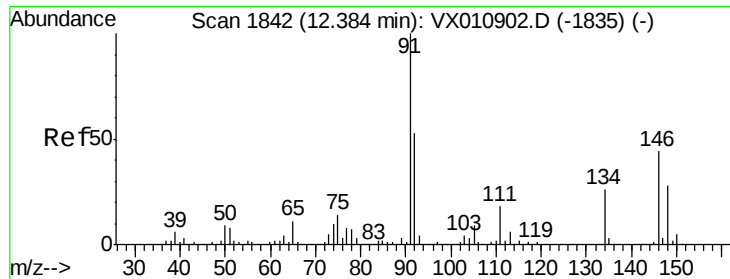
Tot Ion:146 Resp: 90828  
 Ion Ratio Lower Upper  
 146 100  
 111 37.9 18.9 56.9  
 148 64.1 32.2 96.6



#88  
 1,4-Dichlorobenzene  
 Concen: 19.481 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Tgt Ion:146 Resp: 90922  
 Ion Ratio Lower Upper  
 146 100  
 111 38.8 18.6 55.8  
 148 64.9 31.6 94.7

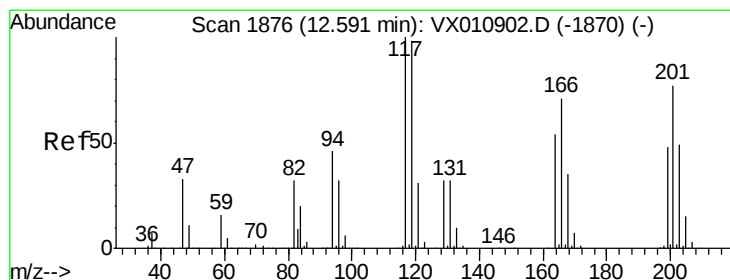
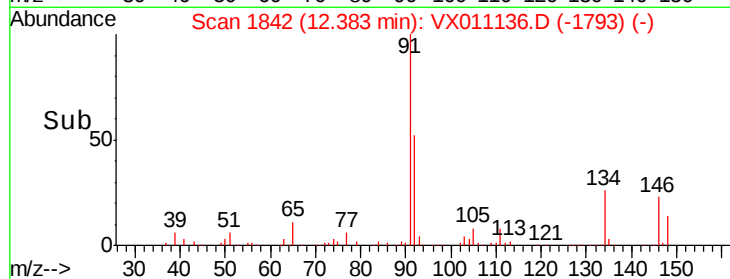
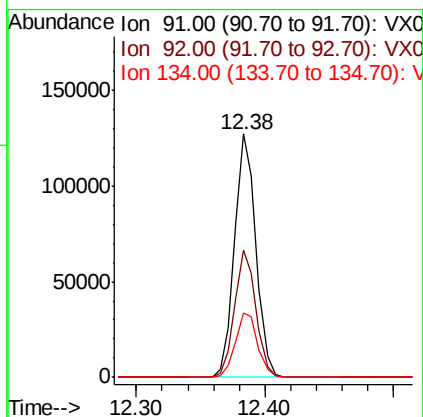
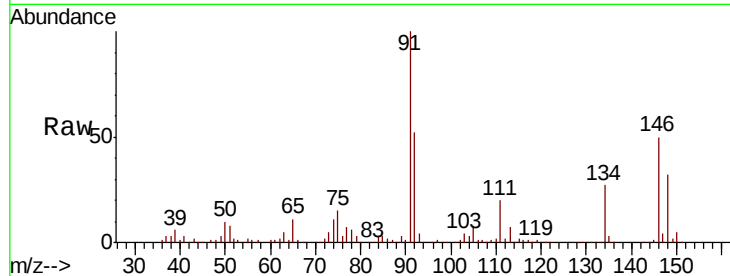




#89  
n-Butylbenzene  
Concen: 20.446 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

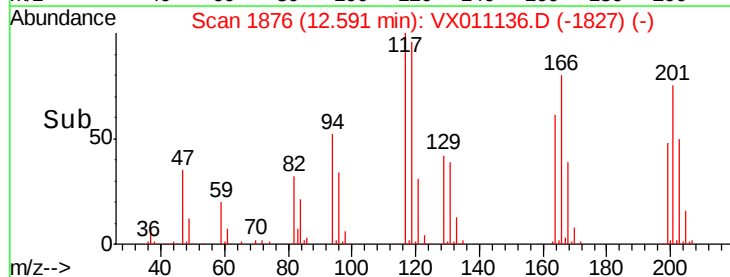
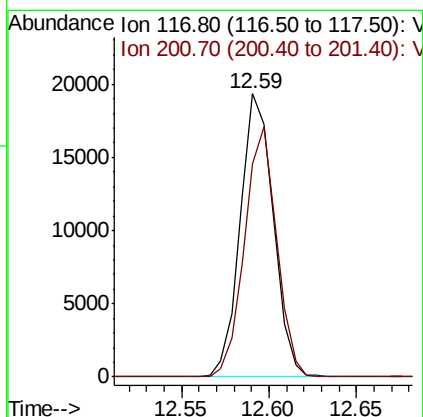
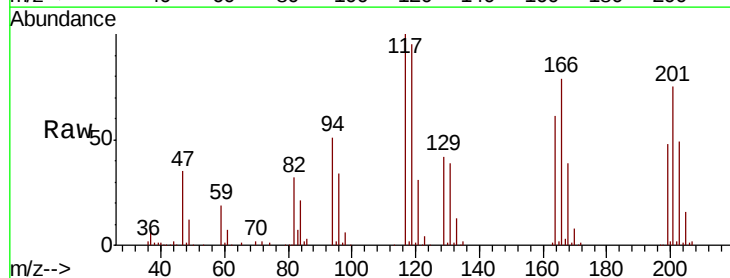
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0729WBS01

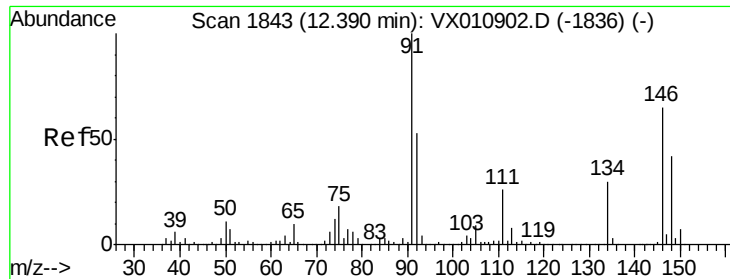
Tot Ion: 91 Resp: 147850  
Ion Ratio Lower Upper  
91 100  
92 52.0 26.2 78.5  
134 27.4 13.8 41.3



#90  
Hexachloroethane  
Concen: 19.108 ug/l  
RT: 12.59 min Scan# 1876  
Delta R.T. -0.00 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

Tgt Ion: 117 Resp: 25474  
Ion Ratio Lower Upper  
117 100  
201 85.3 43.3 129.8

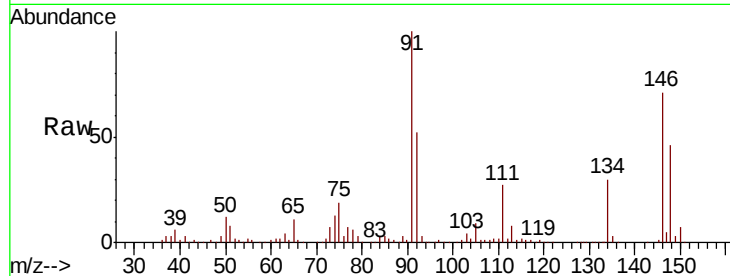




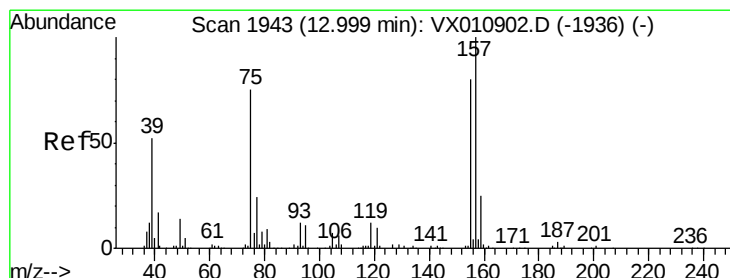
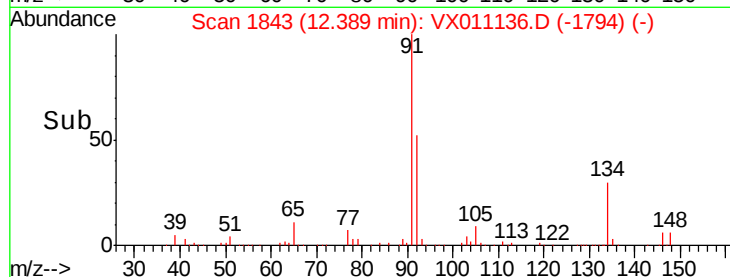
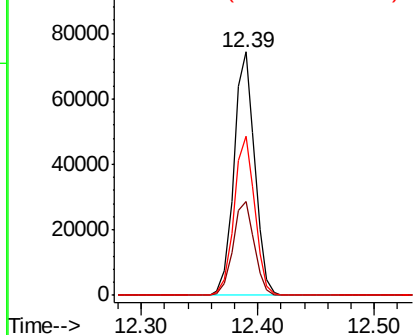
#91  
 1,2-Dichlorobenzene  
 Concen: 20.467 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBS01

Tot Ion:146 Resp: 92310  
 Ion Ratio Lower Upper  
 146 100  
 111 39.2 19.9 59.7  
 148 65.1 32.0 96.2

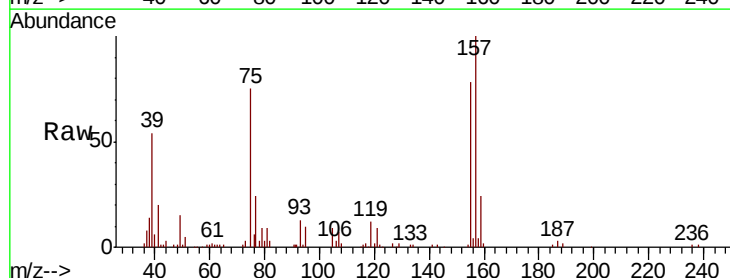


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

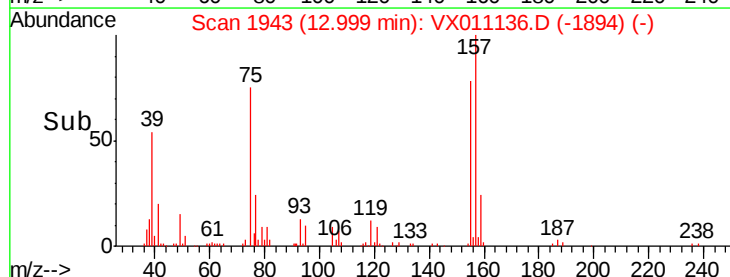
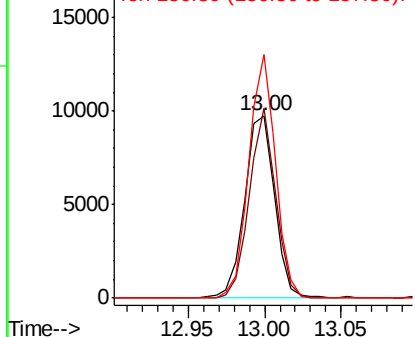


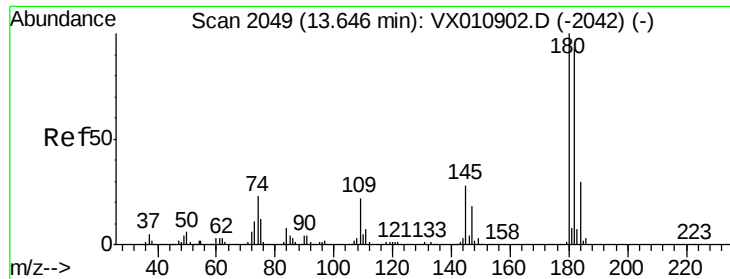
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.461 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

Tgt Ion: 75 Resp: 13306  
 Ion Ratio Lower Upper  
 75 100  
 155 90.7 48.7 146.1  
 157 117.9 62.5 187.6



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

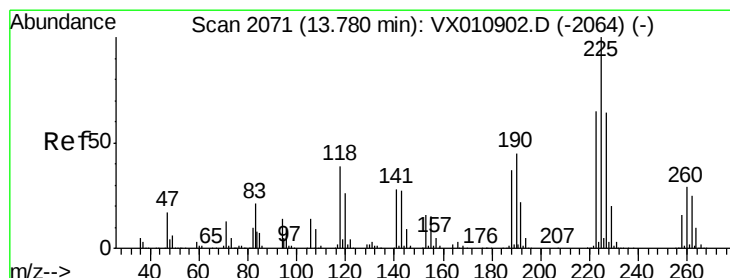
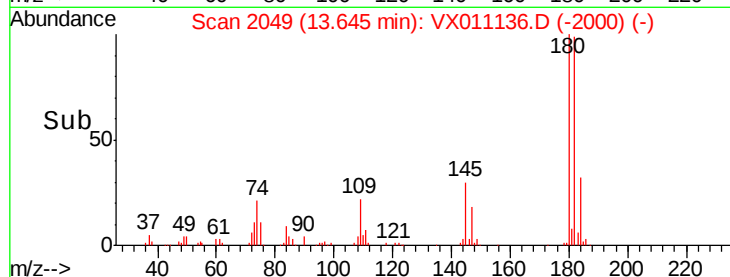
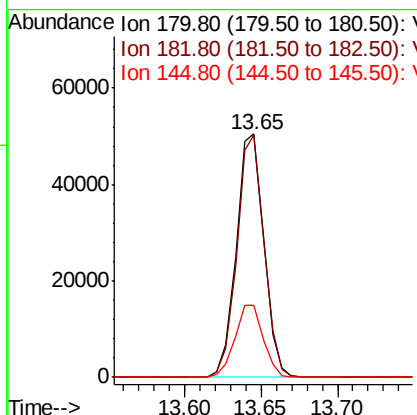
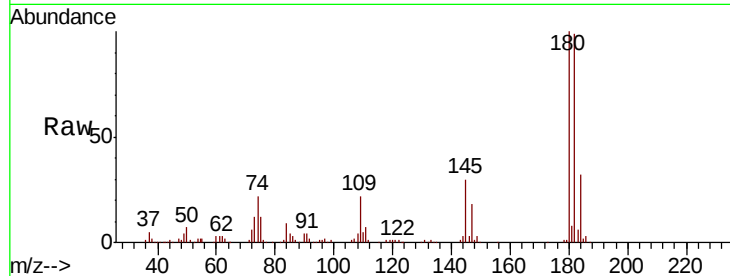




#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.570 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

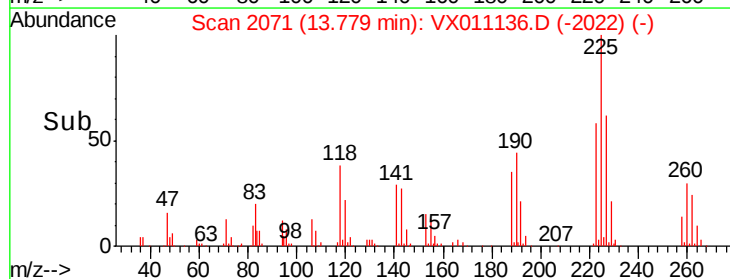
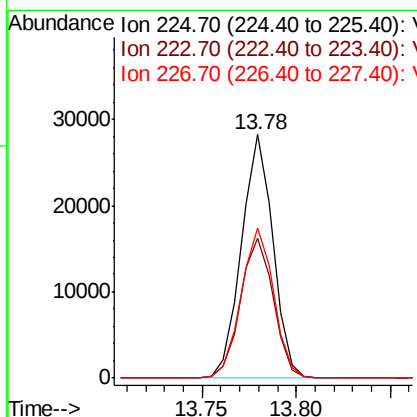
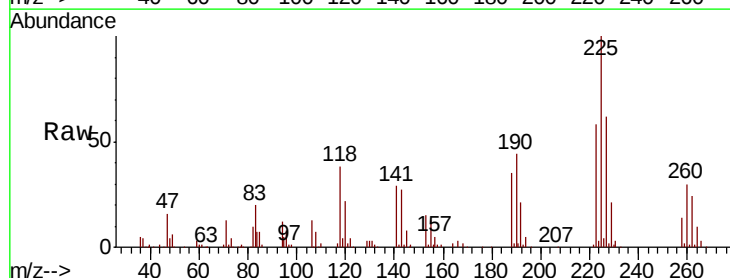
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0729WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 180   | Resp: | 62872 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 97.4  | 47.1  | 141.3 |
| 145      | 30.6  | 14.8  | 44.4  |



#94  
 Hexachlorobutadiene  
 Concen: 21.642 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX011136.D  
 Acq: 29 Jul 2019 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 32780 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 60.0  | 31.9  | 95.9  |
| 227      | 63.6  | 32.5  | 97.4  |

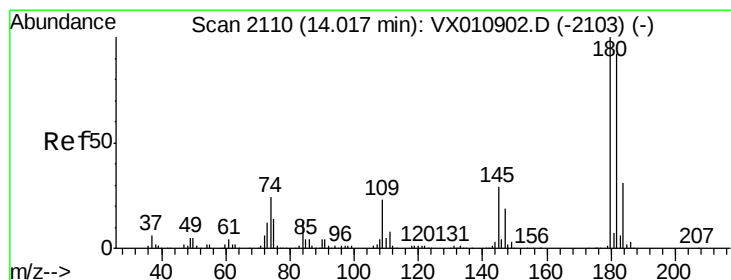
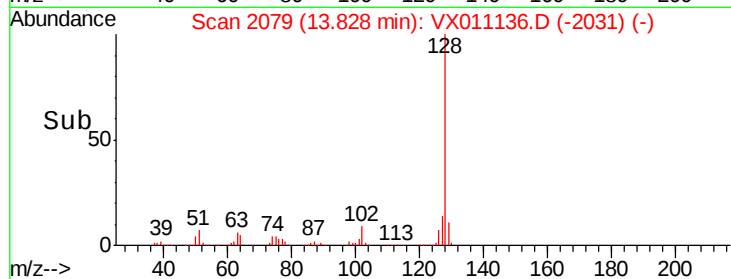
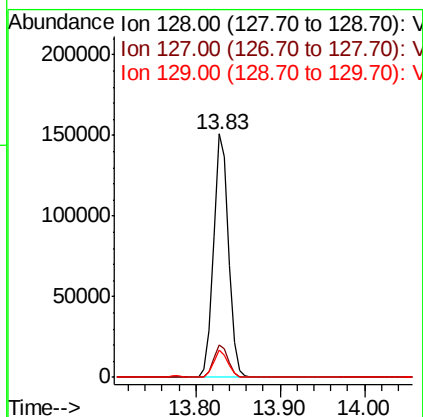
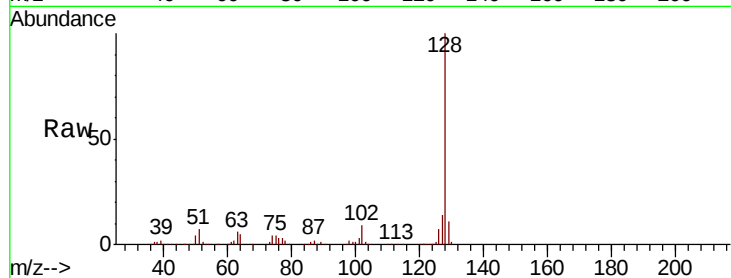




#95  
Naphthalene  
Concen: 20.697 ug/l  
RT: 13.83 min Scan# 2079  
Delta R.T. -0.01 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0729WBS01

Tot Ion:128 Resp: 186805  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.4 15.6  
129 10.7 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 21.010 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. -0.00 min  
Lab File: VX011136.D  
Acq: 29 Jul 2019 11:29

Tgt Ion:180 Resp: 63897  
Ion Ratio Lower Upper  
180 100  
182 96.0 47.4 142.3  
145 31.2 15.1 45.3

