

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\  
 Data File : VN053648.D  
 Acq On : 7 Feb 2019 11:52  
 Operator : JC/SP  
 Sample : VN0207WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 09 00:47:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N013019W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 01 09:11:52 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 706651   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1039279  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 902262   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 433557   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 346201   | 48.84 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.68%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 333075   | 50.72 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.44% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1234434  | 50.06 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.12% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 412123   | 50.11 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.22% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 149694   | 19.001 | ug/l  | 99     |
| 3) Chloromethane              | 2.06 | 50   | 153560   | 18.304 | ug/l  | 98     |
| 4) Vinyl Chloride             | 2.19 | 62   | 151761   | 18.635 | ug/l  | 98     |
| 5) Bromomethane               | 2.57 | 94   | 103091   | 19.360 | ug/l  | 97     |
| 6) Chloroethane               | 2.71 | 64   | 87570    | 18.817 | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 3.02 | 101  | 215836   | 19.544 | ug/l  | 98     |
| 8) Diethyl Ether              | 3.41 | 74   | 74881    | 18.566 | ug/l  | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101  | 135050   | 19.773 | ug/l  | 99     |
| 10) Methyl Iodide             | 3.95 | 142  | 190946   | 17.812 | ug/l  | 99     |
| 11) Tert butyl alcohol        | 4.78 | 59   | 38506    | 91.780 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 3.74 | 96   | 123159   | 18.821 | ug/l  | 97     |
| 13) Acrolein                  | 3.61 | 56   | 18719    | 81.948 | ug/l  | 98     |
| 14) Allyl chloride            | 4.33 | 41   | 193321   | 18.555 | ug/l  | 99     |
| 15) Acrylonitrile             | 4.99 | 53   | 215417   | 95.110 | ug/l  | 98     |
| 16) Acetone                   | 3.82 | 43   | 181216   | 99.659 | ug/l  | 97     |
| 17) Carbon Disulfide          | 4.06 | 76   | 355534   | 17.449 | ug/l  | 99     |
| 18) Methyl Acetate            | 4.33 | 43   | 104213   | 19.352 | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 5.04 | 73   | 317736   | 19.154 | ug/l  | 99     |
| 20) Methylene Chloride        | 4.55 | 84   | 141673   | 18.571 | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 5.05 | 96   | 131527   | 18.630 | ug/l  | 97     |
| 22) Diisopropyl ether         | 5.95 | 45   | 370105   | 19.171 | ug/l  | 95     |
| 23) Vinyl Acetate             | 5.90 | 43   | 1246252  | 93.315 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 243456   | 18.907 | ug/l  | 100    |
| 25) 2-Butanone                | 6.83 | 43   | 242025   | 93.324 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 183415   | 18.659 | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 150488   | 19.170 | ug/l  | 98     |
| 28) Bromochloromethane        | 7.19 | 49   | 108326   | 19.386 | ug/l  | 95     |
| 29) Tetrahydrofuran           | 7.21 | 42   | 154466   | 92.756 | ug/l  | 97     |
| 30) Chloroform                | 7.37 | 83   | 242513   | 18.999 | ug/l  | 100    |
| 31) Cyclohexane               | 7.65 | 56   | 219487   | 18.200 | ug/l  | 94     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 203390   | 19.146 | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 184142   | 19.656 | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.93 | 43   | 103488   | 19.779 | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 183782   | 19.473 | ug/l  | 99     |

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 ALS Vial : 4 Sample Multiplier: 1

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N013019W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 01 09:11:52 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 209550   | 18.853  | ug/l   | 99       |
| 40) Benzene                    | 8.04  | 78   | 559867   | 19.379  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 59026    | 20.184  | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 161612   | 18.840  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.16  | 43   | 184452   | 18.254  | ug/l   | 100      |
| 44) Trichloroethene            | 8.83  | 130  | 157432   | 19.141  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 145547   | 19.697  | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 87133    | 19.561  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.40  | 83   | 183228   | 19.784  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.20  | 41   | 86182    | 17.867  | ug/l   | 92       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 25613    | 391.239 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 483465   | 97.365  | ug/l   | 100      |
| 52) Toluene                    | 10.16 | 92   | 341209   | 19.900  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 175747   | 18.951  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 211966   | 19.288  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 122394   | 19.810  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 140393   | 19.208  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 204711   | 19.387  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 348871   | 82.507  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.75 | 43   | 306699   | 90.984  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 138439   | 19.870  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 115963   | 18.963  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.63 | 164  | 151192   | 19.548  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.44 | 112  | 374604   | 19.546  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 133235   | 19.906  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 618014   | 19.631  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 484942   | 40.359  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 234375   | 20.190  | ug/l   | 98       |
| 70) Styrene                    | 11.97 | 104  | 378646   | 20.125  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 92977    | 20.262  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.25 | 105  | 622981   | 20.440  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 141187   | 19.264  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 140205   | 19.221  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 115389m  | 20.721  | ug/l   |          |
| 77) Bromobenzene               | 12.53 | 156  | 162574   | 19.792  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.59 | 91   | 719030   | 20.408  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 421818   | 20.179  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 531926   | 21.046  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 36164    | 18.261  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 429222   | 20.011  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 465772   | 20.851  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 532121   | 20.665  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 641613   | 21.107  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 561005   | 21.102  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 289425   | 19.600  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 284633   | 19.487  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 474390   | 20.616  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 92920    | 21.190  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 281175   | 19.890  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 19980    | 19.220  | ug/l   | 98       |

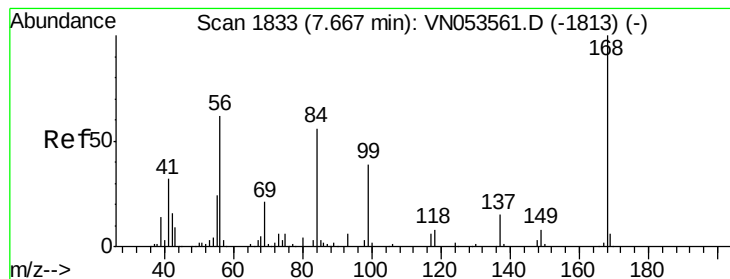
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\  
Data File : VN053648.D  
Acq On : 7 Feb 2019 11:52  
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Sample : VN0207WBS01  
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Quant Title : SW846 8260  
QLast Update : Fri Feb 01 09:11:52 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 151914   | 18.737 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 107755   | 21.341 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 295245   | 16.700 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 140998   | 18.743 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053648.D

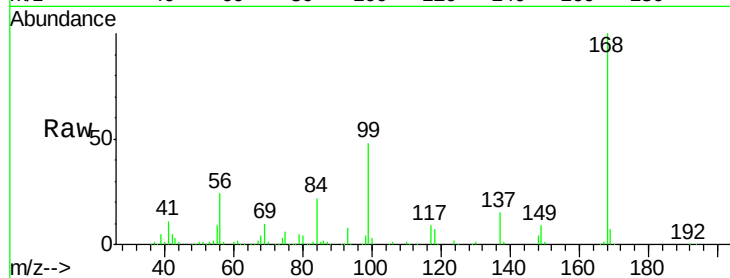
Acq: 7 Feb 2019 11:52

Tot Ion:168 Resp: 706651

Ion Ratio Lower Upper

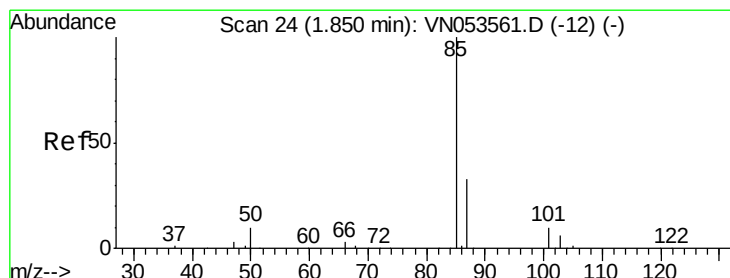
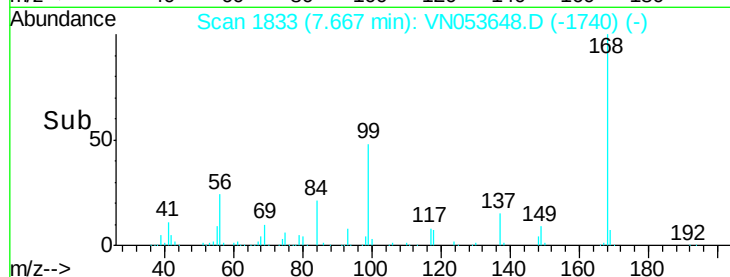
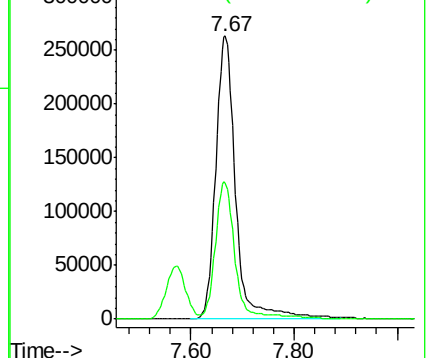
168 100

99 47.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.001 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053648.D

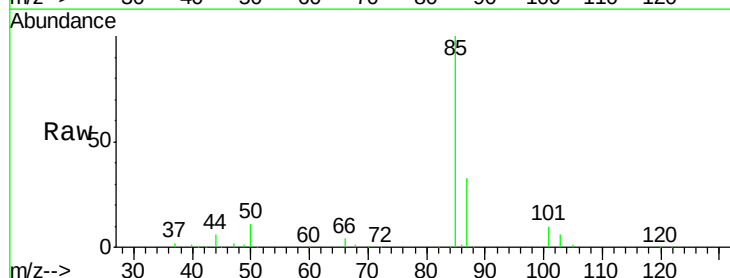
Acq: 7 Feb 2019 11:52

Tgt Ion: 85 Resp: 149694

Ion Ratio Lower Upper

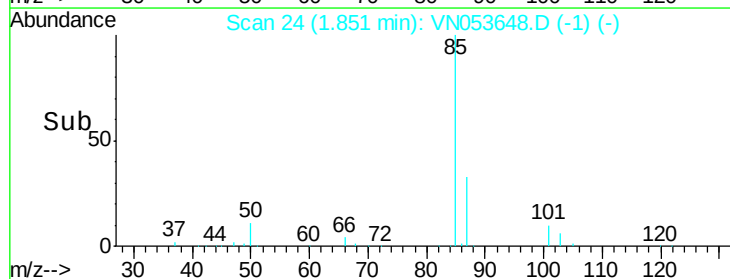
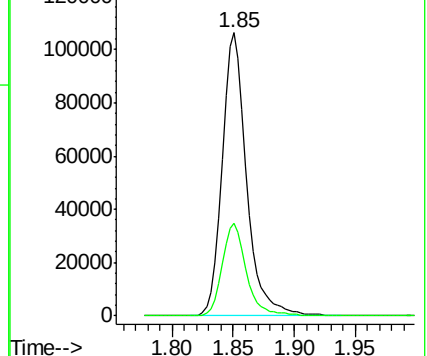
85 100

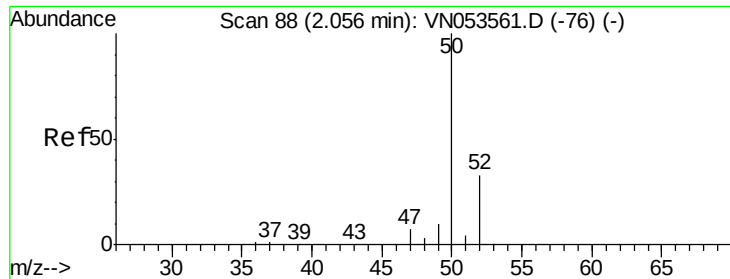
87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.304 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN053648.D

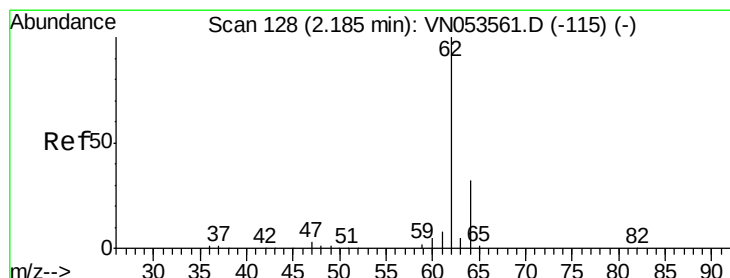
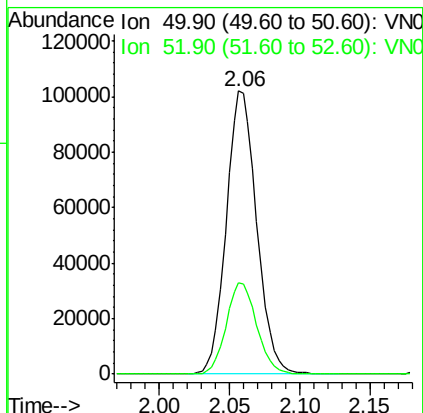
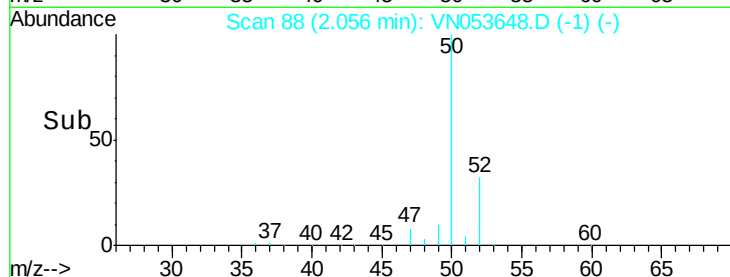
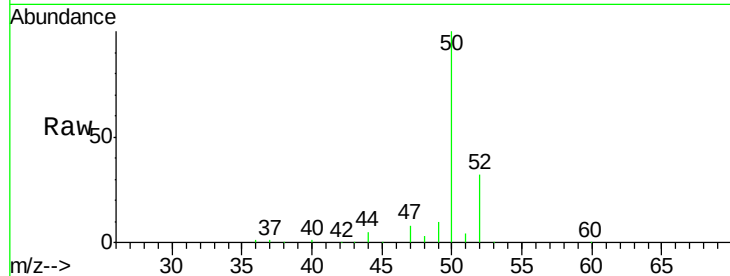
Acq: 7 Feb 2019 11:52

Tot Ion: 50 Resp: 153560

Ion Ratio Lower Upper

50 100

52 32.3 26.6 40.0



#4

Vinyl Chloride

Concen: 18.635 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053648.D

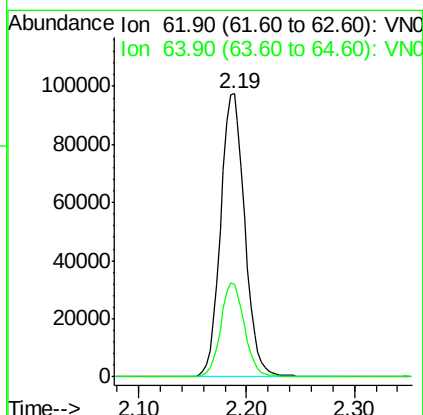
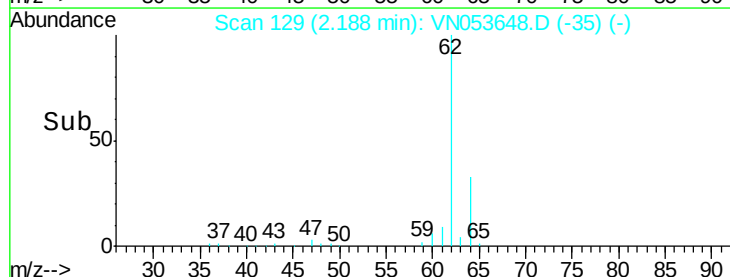
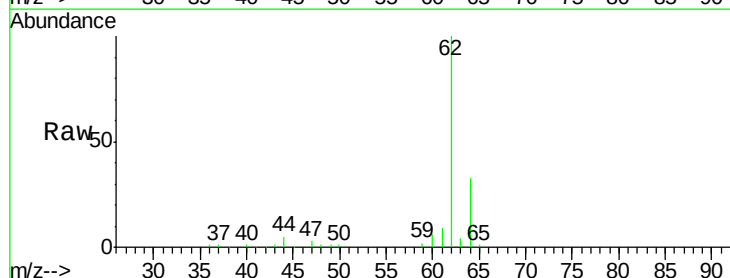
Acq: 7 Feb 2019 11:52

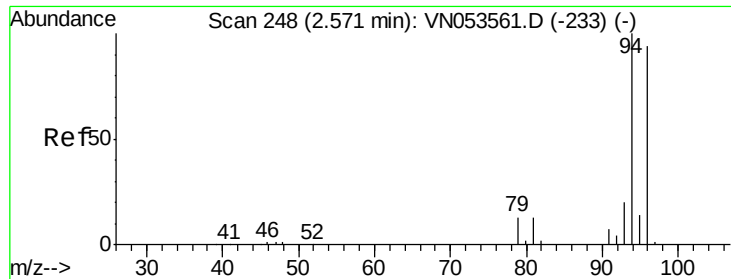
Tgt Ion: 62 Resp: 151761

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.2





#5

Bromomethane

Concen: 19.360 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN053648.D

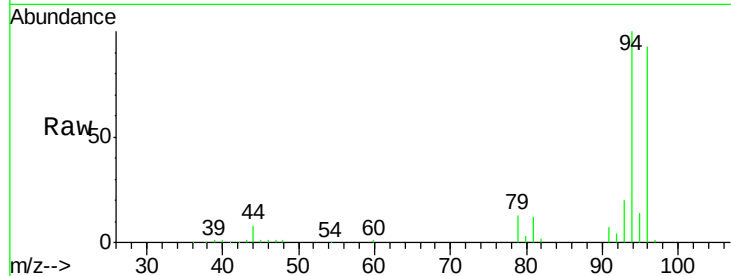
Acq: 7 Feb 2019 11:52

Tot Ion: 94 Resp: 103091

Ion Ratio Lower Upper

94 100

96 93.5 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

60000

50000

40000

30000

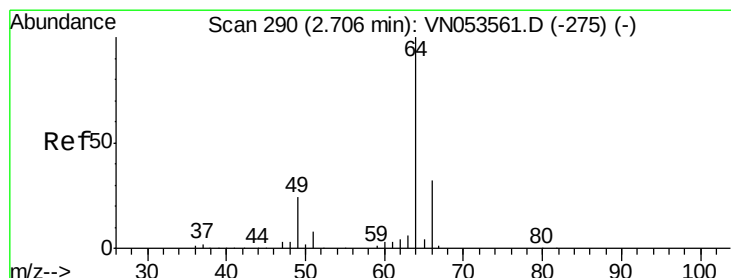
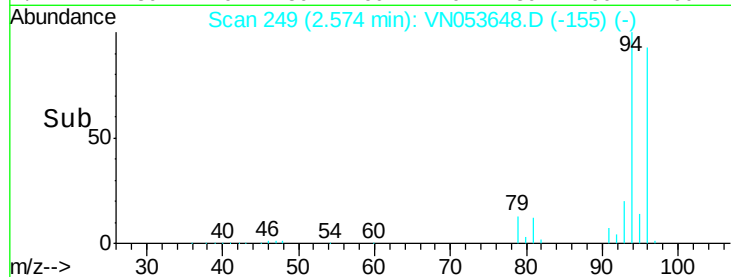
20000

10000

0

Time-->

2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 18.817 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053648.D

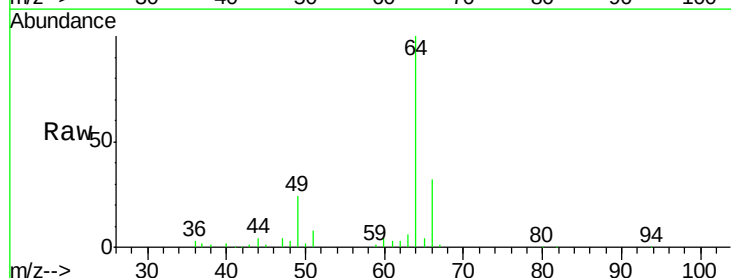
Acq: 7 Feb 2019 11:52

Tgt Ion: 64 Resp: 87570

Ion Ratio Lower Upper

64 100

66 32.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

50000

40000

30000

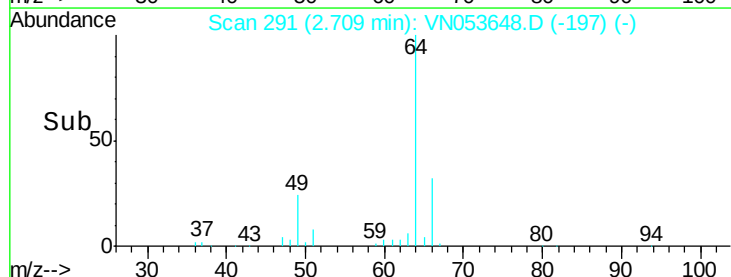
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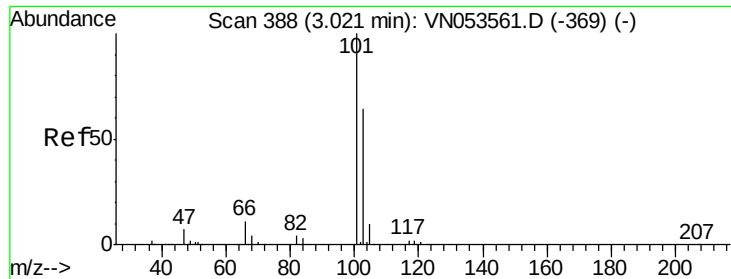
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0

Time-->

2.60 2.65 2.70 2.75 2.80

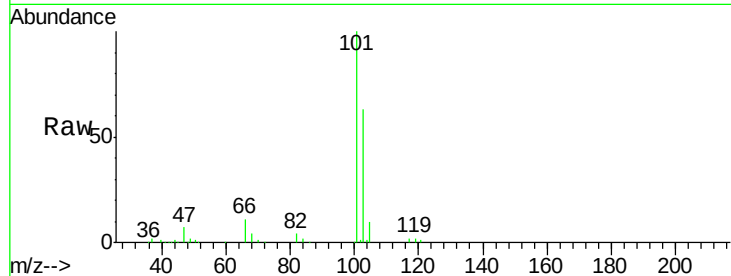




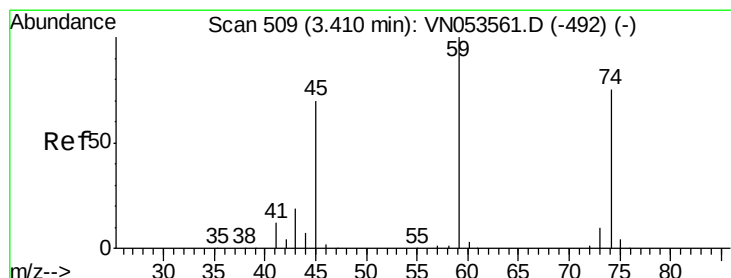
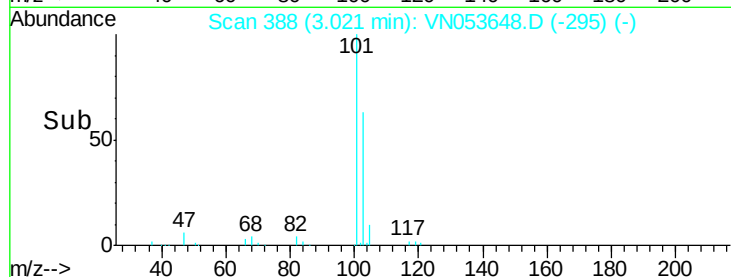
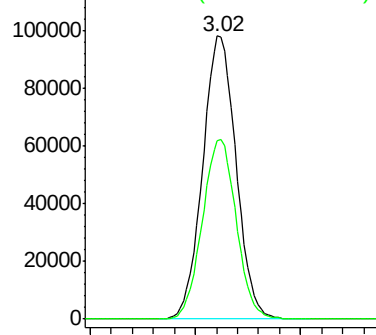
#7

Trichlorofluoromethane  
Concen: 19.544 ug/l  
RT: 3.02 min Scan# 388  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

Tot Ion:101 Resp: 215836  
Ion Ratio Lower Upper  
101 100  
103 63.1 51.6 77.4



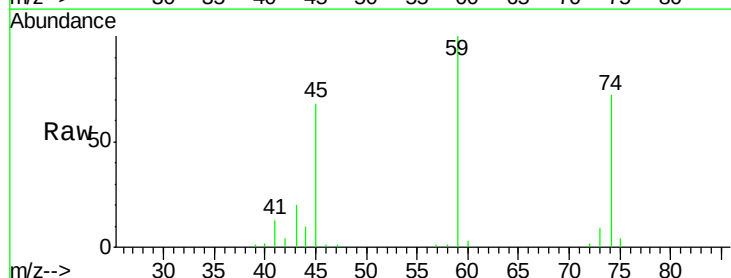
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



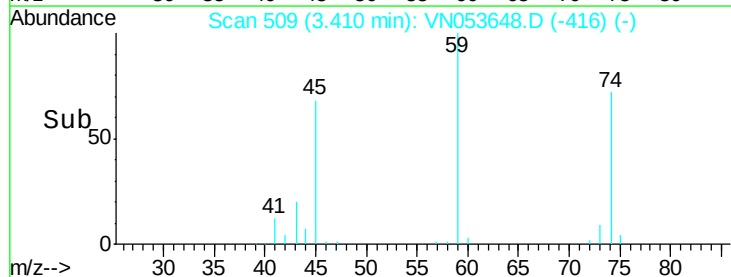
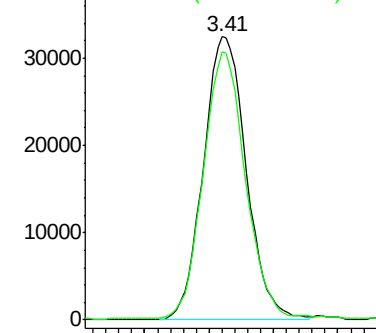
#8

Diethyl Ether  
Concen: 18.566 ug/l  
RT: 3.41 min Scan# 509  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

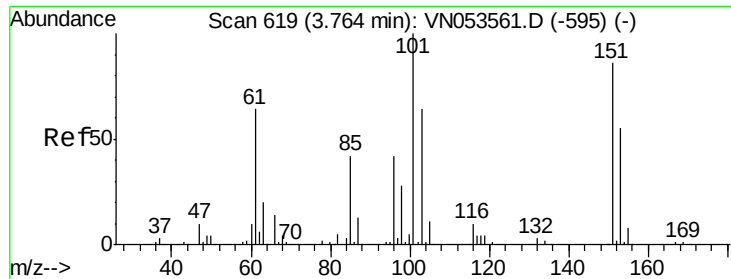
Tgt Ion: 74 Resp: 74881  
Ion Ratio Lower Upper  
74 100  
45 92.7 47.9 143.7



Abundance Ion 74.00 (73.70 to 74.70): VNO  
Ion 45.00 (44.70 to 45.70): VNO







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.773 ug/l

RT: 3.76 min Scan# 619

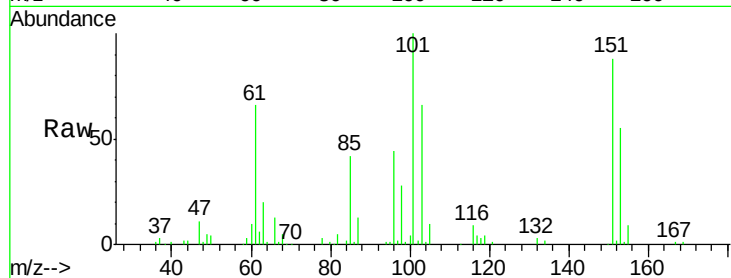
Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tot Ion:101 Resp: 135050

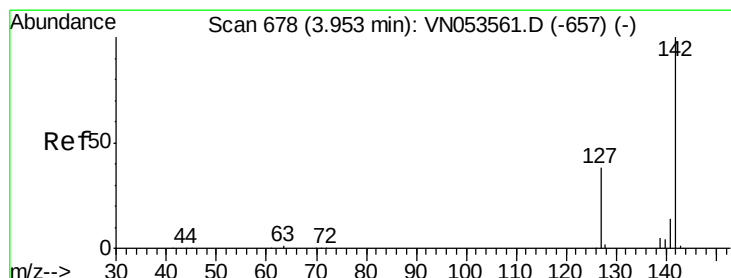
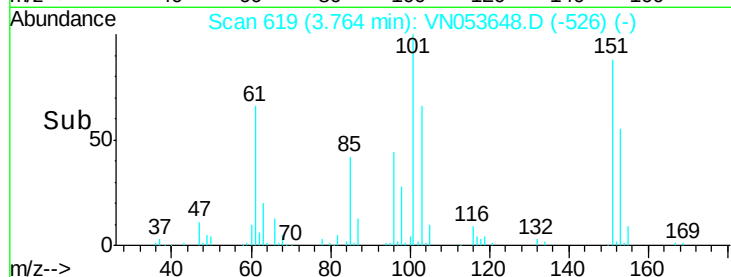
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 41.8  | 32.8  | 49.2  |
| 151 | 83.8  | 66.9  | 100.3 |



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.812 ug/l

RT: 3.95 min Scan# 678

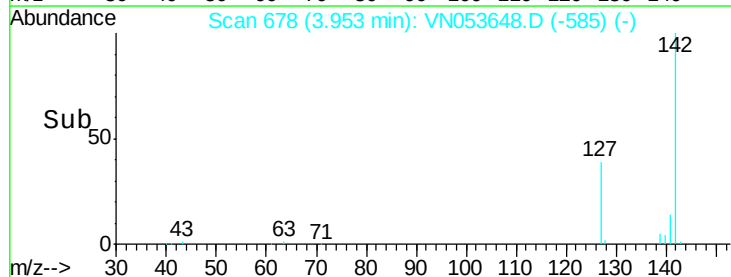
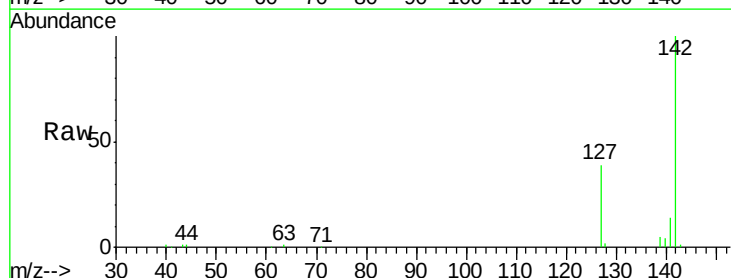
Delta R.T. 0.00 min

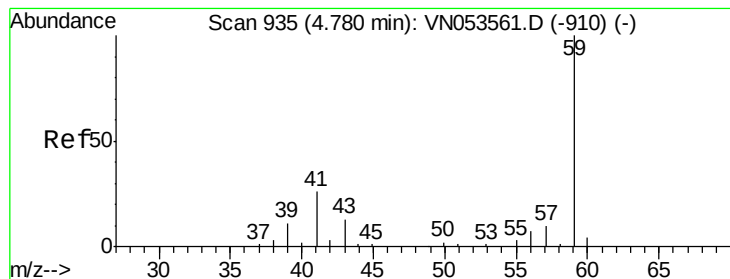
Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tgt Ion:142 Resp: 190946

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 37.8  | 31.0  | 46.4  |
| 141 | 13.7  | 11.1  | 16.7  |





#11

Tert butyl alcohol

Concen: 91.780 ug/l

RT: 4.78 min Scan# 934

Delta R.T. -0.00 min

Lab File: VN053648.D

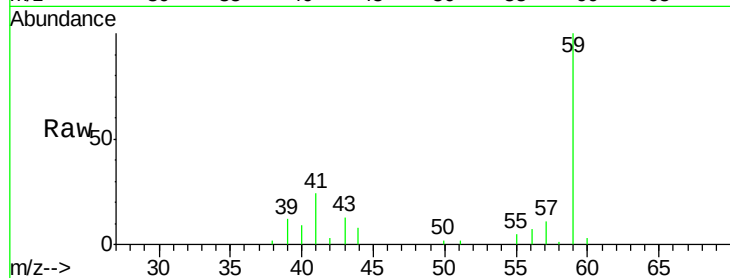
Acq: 7 Feb 2019 11:52

Tot Ion: 59 Resp: 38506

Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.4

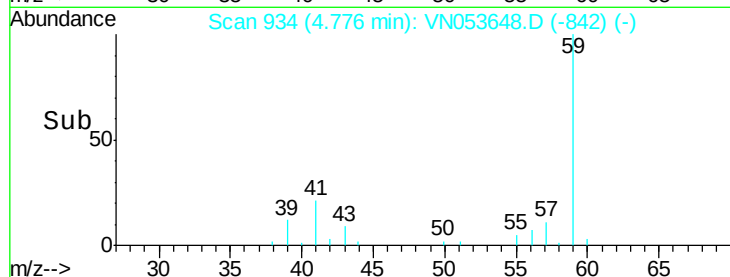


Abundance Ion 59.00 (58.70 to 59.70): VN053561.D (-910) (-)

Ion 57.00 (56.70 to 57.70): VN053561.D (-910) (-)

4.78

Time-->



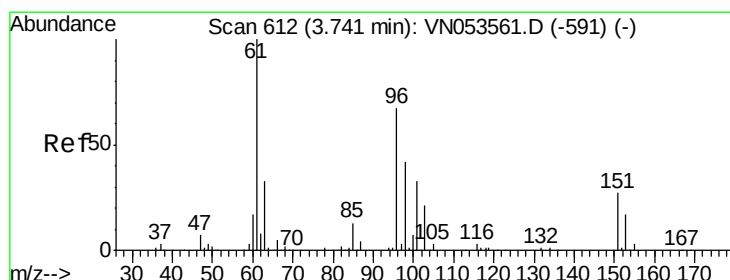
Abundance

Ion 59.00 (58.70 to 59.70): VN053648.D (-842) (-)

Ion 57.00 (56.70 to 57.70): VN053648.D (-842) (-)

4.78

Time-->



#12

1,1-Dichloroethene

Concen: 18.821 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

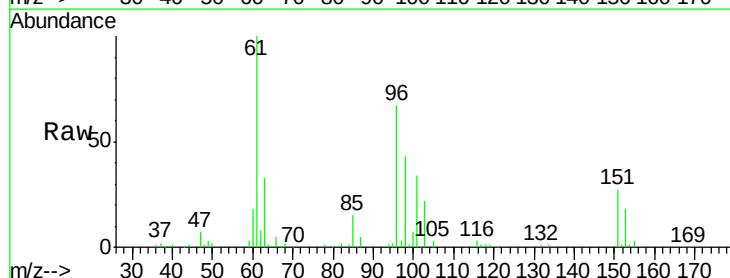
Tgt Ion: 96 Resp: 123159

Ion Ratio Lower Upper

96 100

61 150.3 122.9 184.3

98 64.6 49.4 74.0



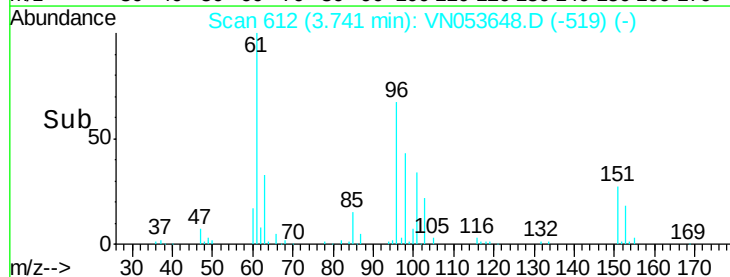
Abundance Ion 95.90 (95.60 to 96.60): VN053561.D (-591) (-)

Ion 60.90 (60.60 to 61.60): VN053561.D (-591) (-)

Ion 97.90 (97.60 to 98.60): VN053561.D (-591) (-)

3.74

Time-->



Abundance

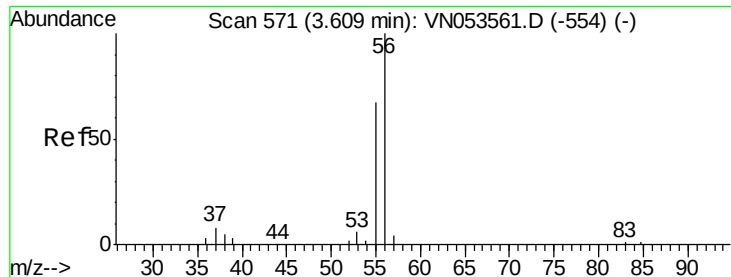
Ion 95.90 (95.60 to 96.60): VN053648.D (-519) (-)

Ion 60.90 (60.60 to 61.60): VN053648.D (-519) (-)

Ion 97.90 (97.60 to 98.60): VN053648.D (-519) (-)

3.74

Time-->



#13

Acrolein

Concen: 81.948 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN053648.D

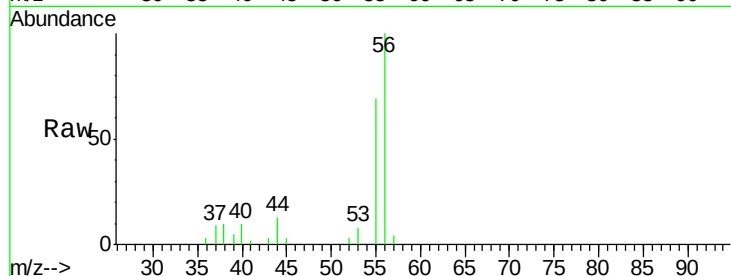
Acq: 7 Feb 2019 11:52

Tot Ion: 56 Resp: 18719

Ion Ratio Lower Upper

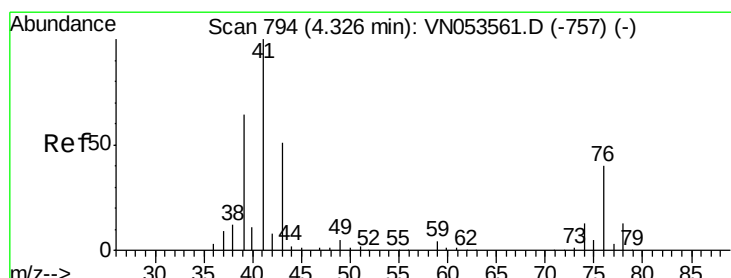
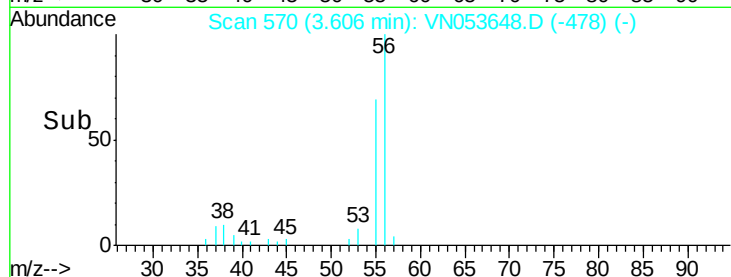
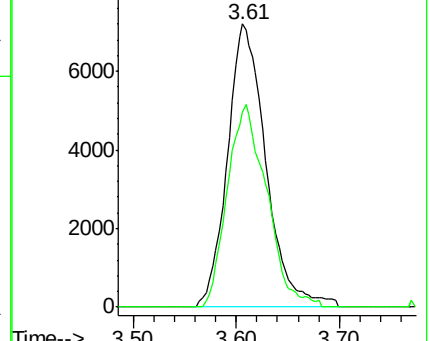
56 100

55 73.2 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.555 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

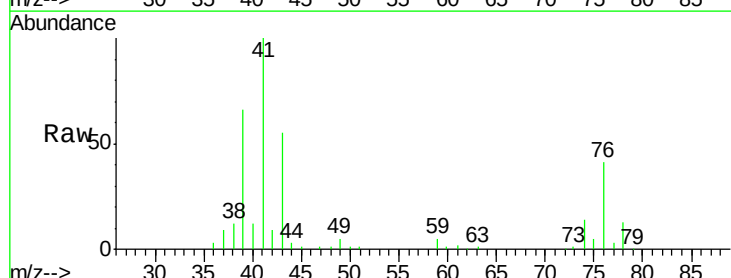
Tgt Ion: 41 Resp: 193321

Ion Ratio Lower Upper

41 100

39 62.1 48.9 73.3

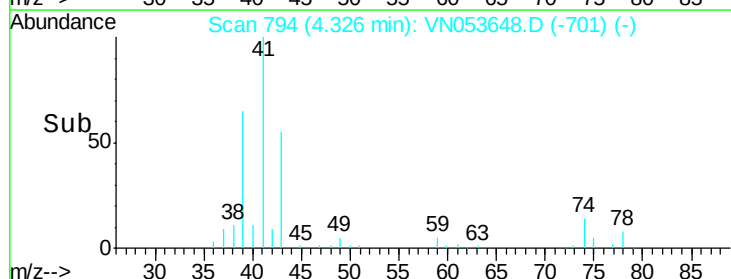
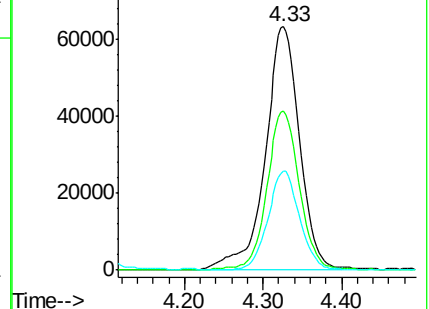
76 37.7 29.4 44.2

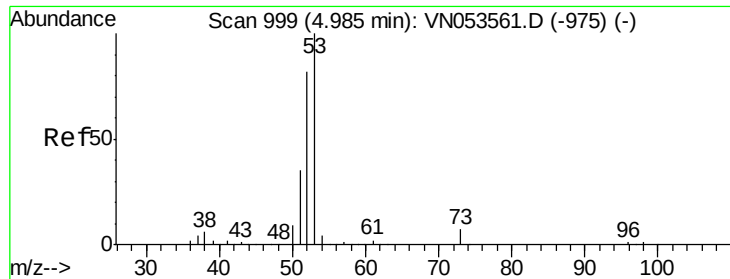


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.110 ug/l

RT: 4.99 min Scan# 999

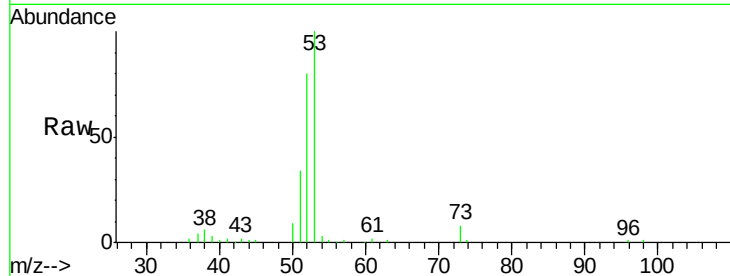
Delta R.T. 0.00 min

Lab File: VN053648.D

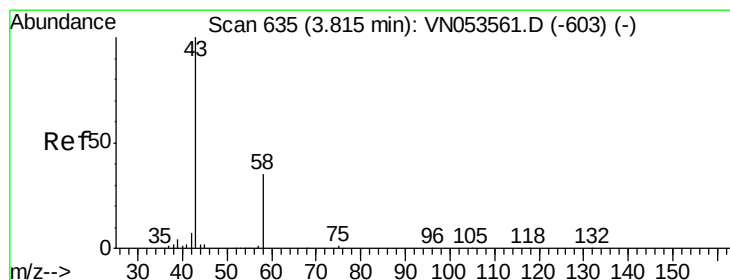
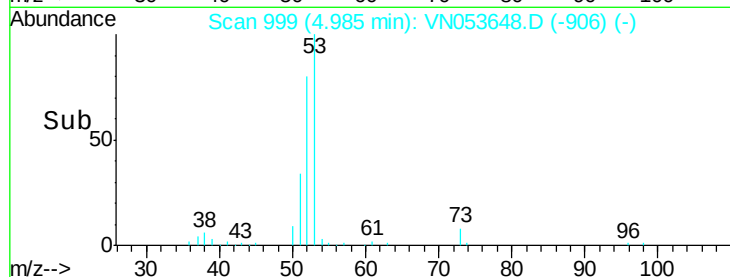
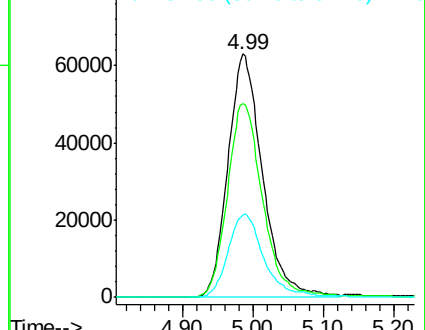
Acq: 7 Feb 2019 11:52

Tot Ion: 53 Resp: 215417

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 80.4  | 66.0  | 99.0  |
| 51  | 34.4  | 28.3  | 42.5  |



Abundance Ion 53.00 (52.70 to 53.70): VN053561.D (-975) (-)



#16

Acetone

Concen: 99.659 ug/l

RT: 3.82 min Scan# 635

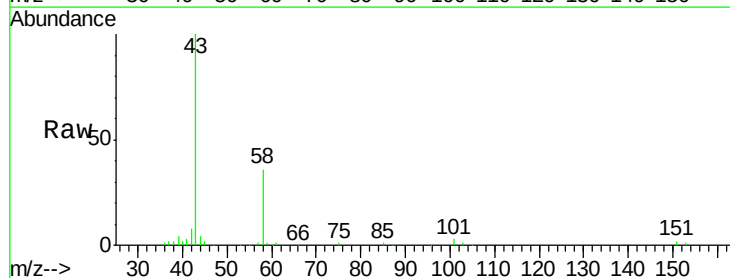
Delta R.T. 0.00 min

Lab File: VN053648.D

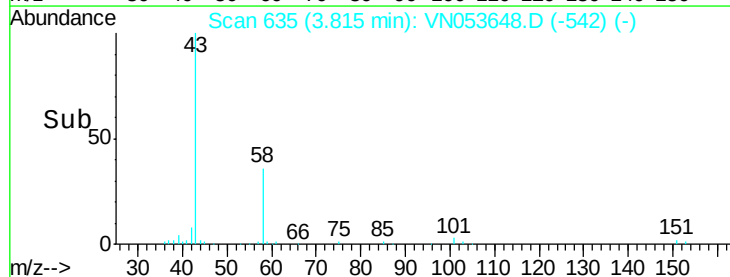
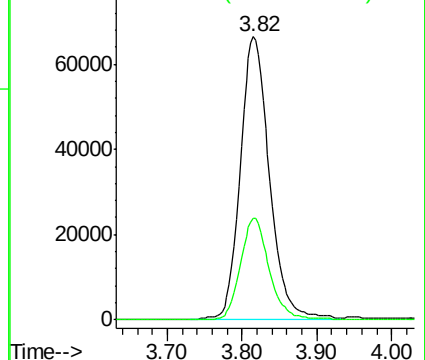
Acq: 7 Feb 2019 11:52

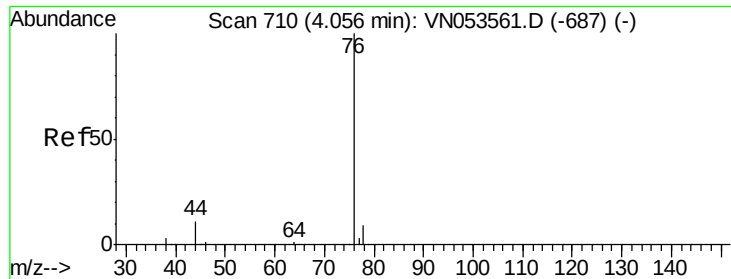
Tgt Ion: 43 Resp: 181216

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 35.9  | 27.1  | 40.7  |



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-603) (-)





#17

Carbon Disulfide

Concen: 17.449 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN053648.D

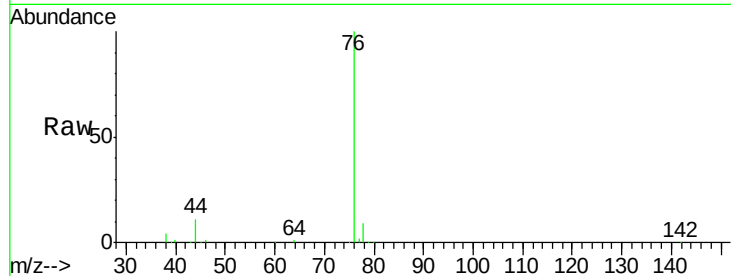
Acq: 7 Feb 2019 11:52

Tot Ion: 76 Resp: 355534

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.06

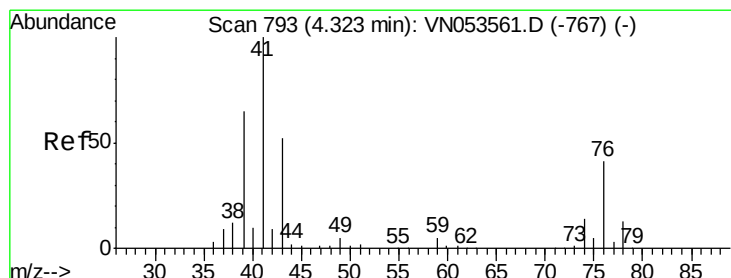
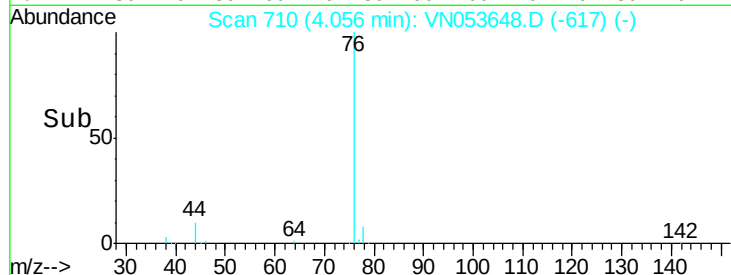
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 19.352 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053648.D

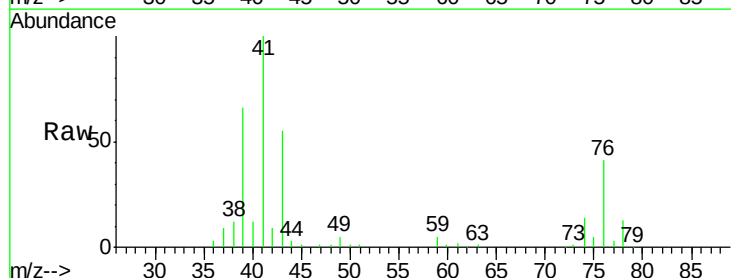
Acq: 7 Feb 2019 11:52

Tgt Ion: 43 Resp: 104213

Ion Ratio Lower Upper

43 100

74 25.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

40000

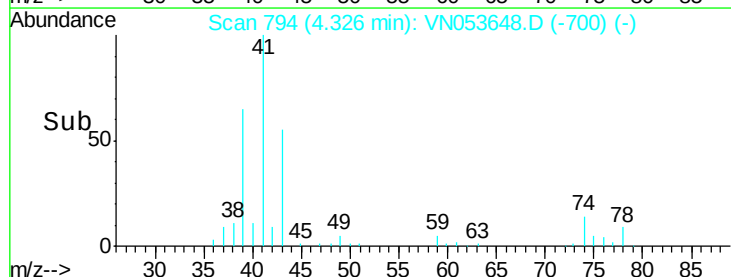
30000

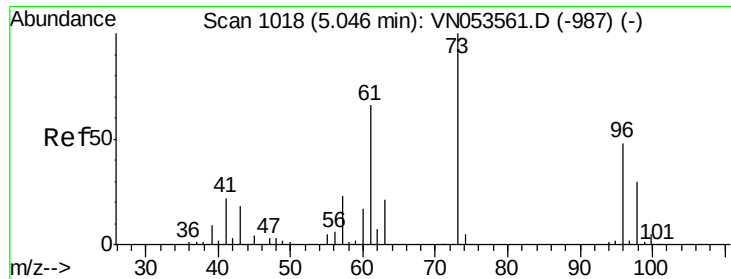
20000

10000

0

Time-->

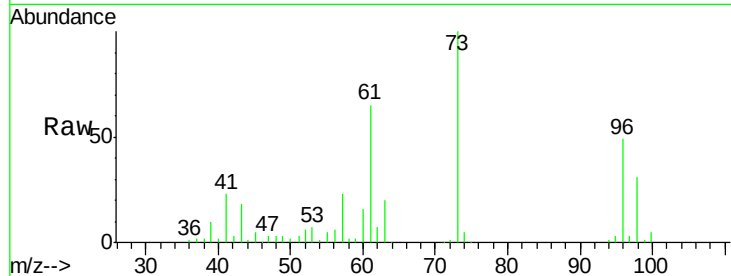




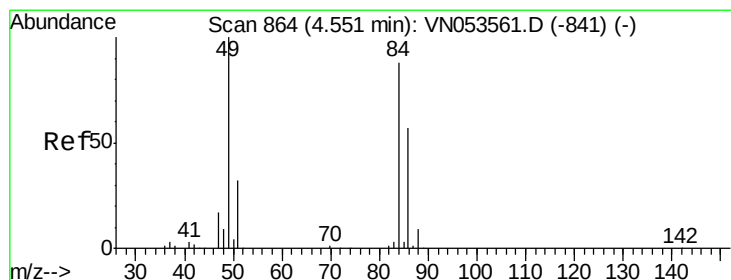
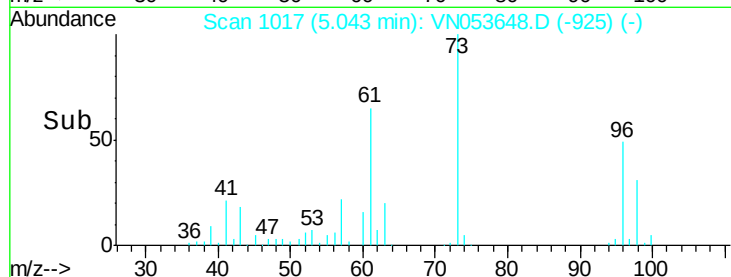
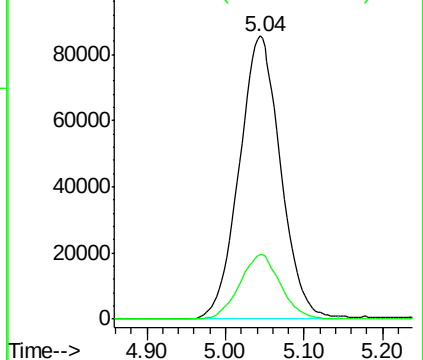
#19

Methyl tert-butyl Ether  
 Concen: 19.154 ug/l  
 RT: 5.04 min Scan# 1017  
 Delta R.T. -0.00 min  
 Lab File: VN053648.D  
 Acq: 7 Feb 2019 11:52

Tot Ion: 73 Resp: 317736  
 Ion Ratio Lower Upper  
 73 100  
 57 22.6 18.3 27.5



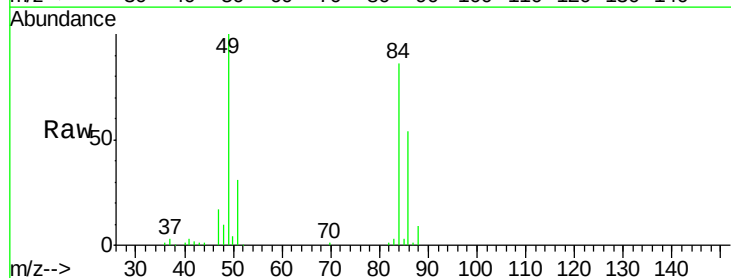
Abundance Ion 73.00 (72.70 to 73.70): VN053561.D (-987) (-)  
 Ion 57.00 (56.70 to 57.70): VN053561.D (-987) (-)



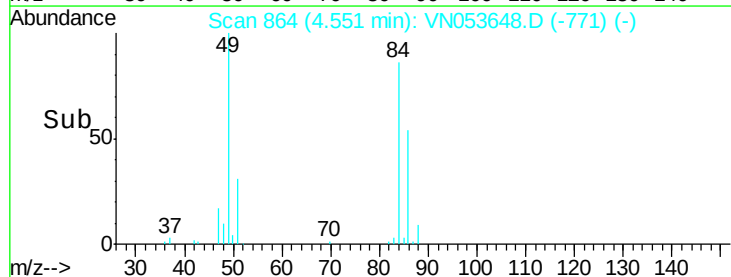
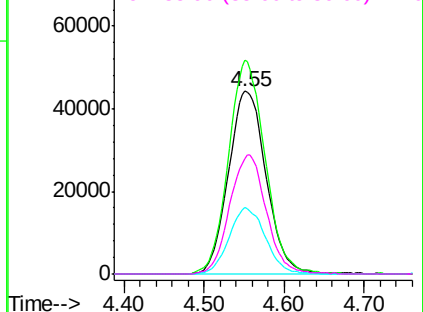
#20

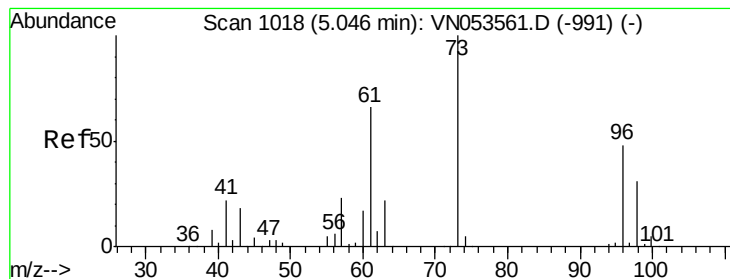
Methylene Chloride  
 Concen: 18.571 ug/l  
 RT: 4.55 min Scan# 864  
 Delta R.T. 0.00 min  
 Lab File: VN053648.D  
 Acq: 7 Feb 2019 11:52

Tgt Ion: 84 Resp: 141673  
 Ion Ratio Lower Upper  
 84 100  
 49 116.8 94.3 141.5  
 51 36.1 29.4 44.2  
 86 62.7 51.4 77.0



Abundance Ion 83.90 (83.60 to 84.60): VN053561.D (-841) (-)  
 Ion 48.90 (48.60 to 49.60): VN053561.D (-841) (-)  
 Ion 50.90 (50.60 to 51.60): VN053561.D (-841) (-)  
 Ion 85.90 (85.60 to 86.60): VN053561.D (-841) (-)





#21

trans-1,2-Dichloroethene

Concen: 18.630 ug/l

RT: 5.05 min Scan# 1018

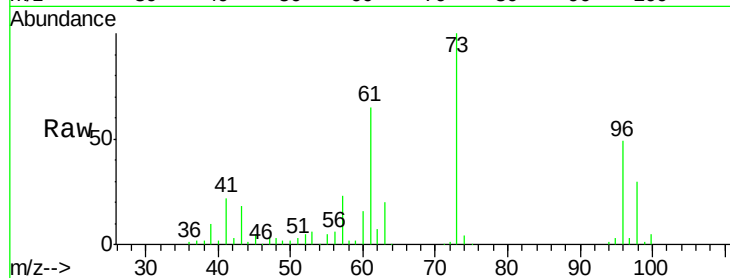
Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tot Ion: 96 Resp: 131527

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 132.3 | 110.1 | 165.1 |
| 98  | 61.9  | 50.0  | 75.0  |

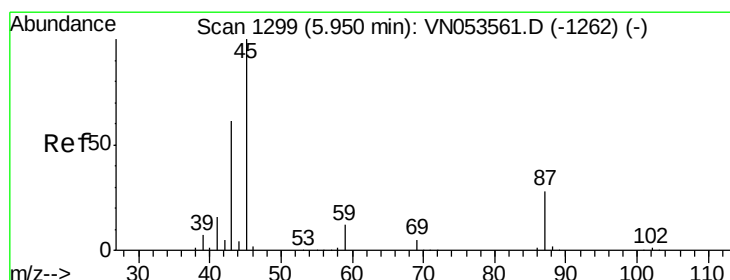
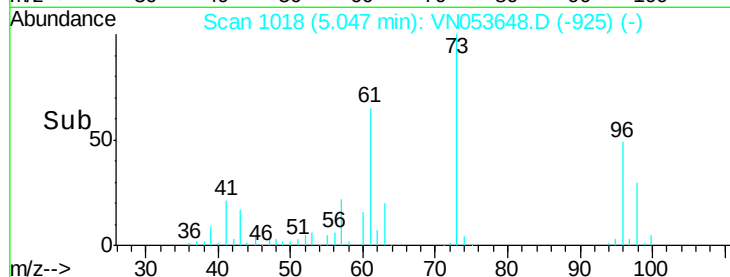
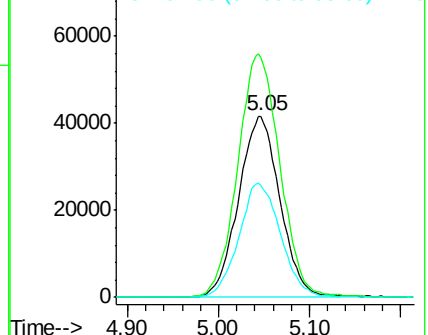


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.171 ug/l

RT: 5.95 min Scan# 1299

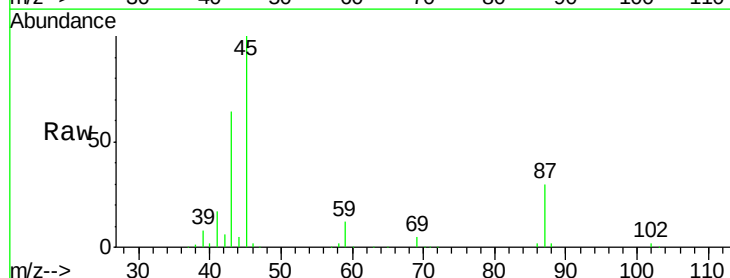
Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tgt Ion: 45 Resp: 370105

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 61.1  | 44.2  | 66.4  |
| 87  | 28.8  | 22.7  | 34.1  |
| 59  | 11.5  | 9.4   | 14.2  |



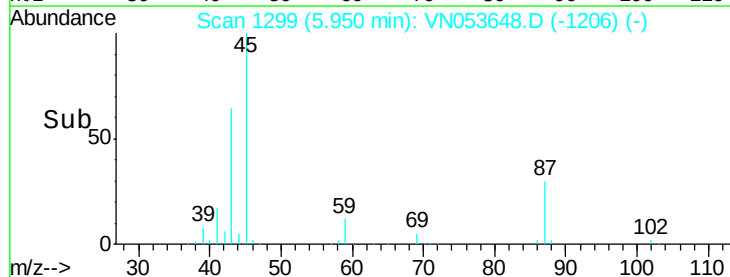
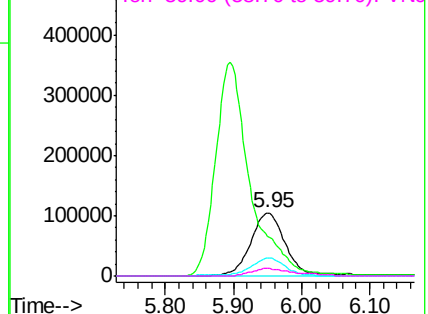
Abundance

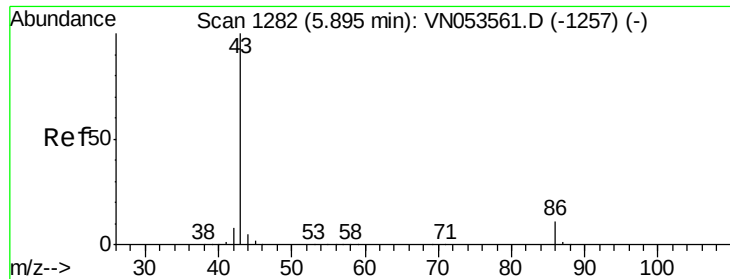
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

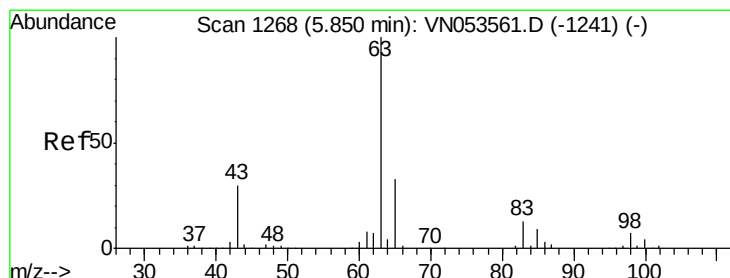
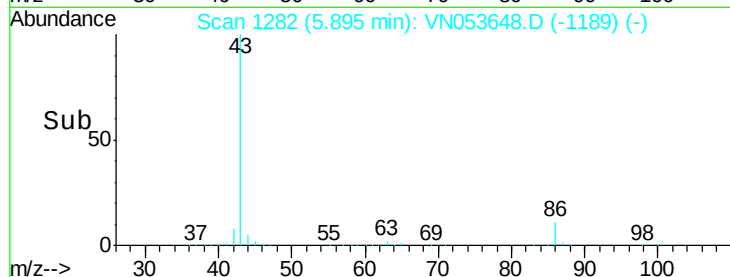
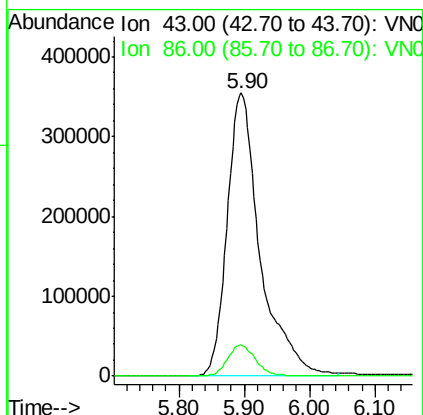
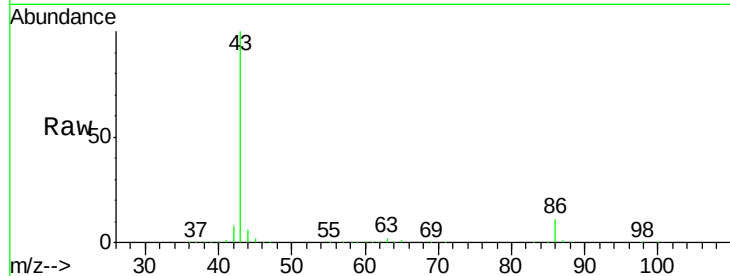
Ion 59.00 (58.70 to 59.70): VN0





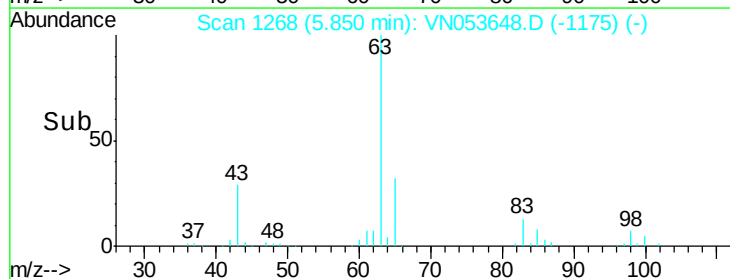
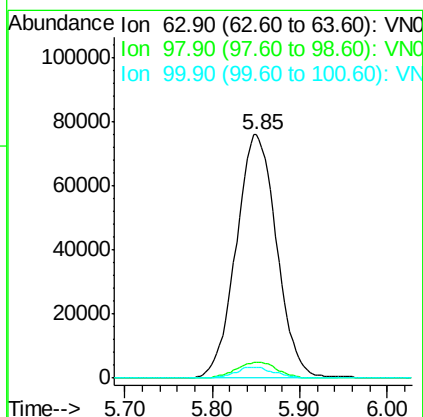
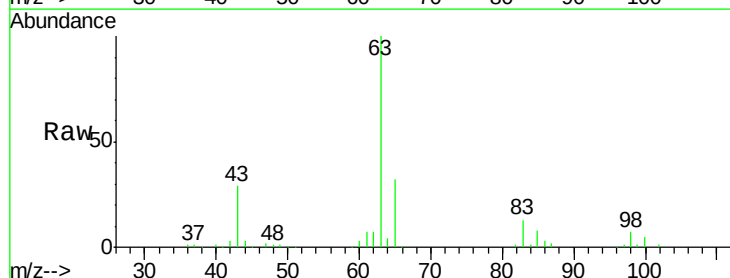
#23  
 Vinyl Acetate  
 Concen: 93.315 ug/l  
 RT: 5.90 min Scan# 1282  
 Delta R.T. 0.00 min  
 Lab File: VN053648.D  
 Acq: 7 Feb 2019 11:52

Tot Ion: 43 Resp: 1246252  
 Ion Ratio Lower Upper  
 43 100  
 86 10.8 8.4 12.6

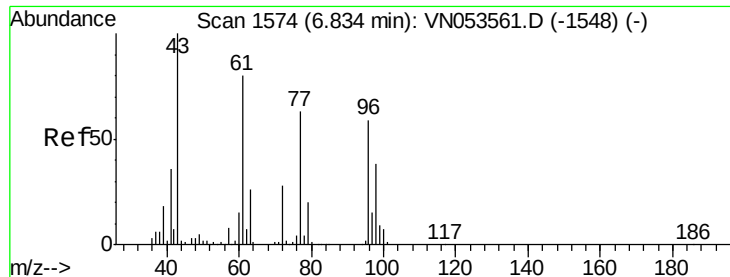


#24  
 1,1-Dichloroethane  
 Concen: 18.907 ug/l  
 RT: 5.85 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: VN053648.D  
 Acq: 7 Feb 2019 11:52

Tgt Ion: 63 Resp: 243456  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.3 9.9  
 100 4.6 2.1 6.5







#25

2-Butanone

Concen: 93.324 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053648.D

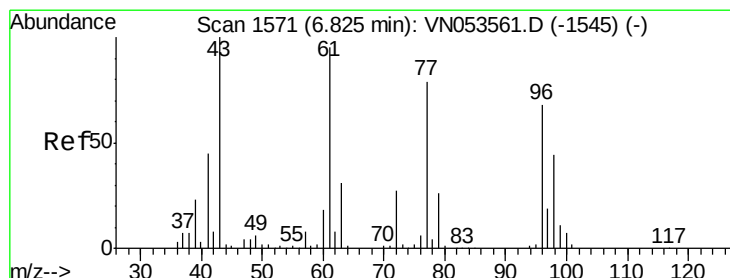
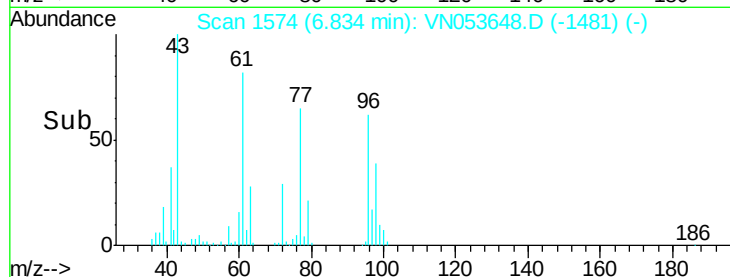
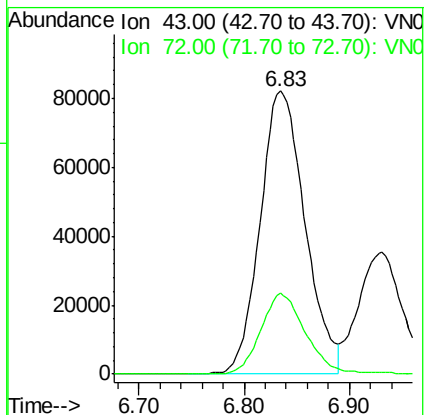
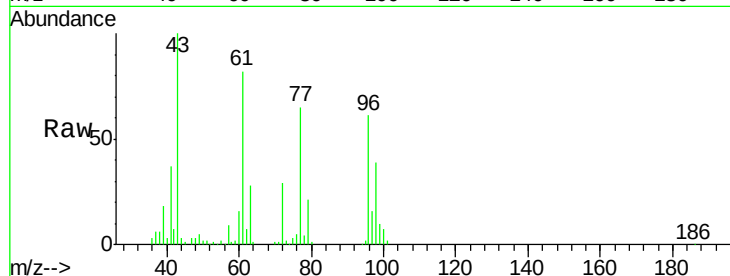
Acq: 7 Feb 2019 11:52

Tot Ion: 43 Resp: 242025

Ion Ratio Lower Upper

43 100

72 28.6 22.0 33.0



#26

2,2-Dichloropropane

Concen: 18.659 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN053648.D

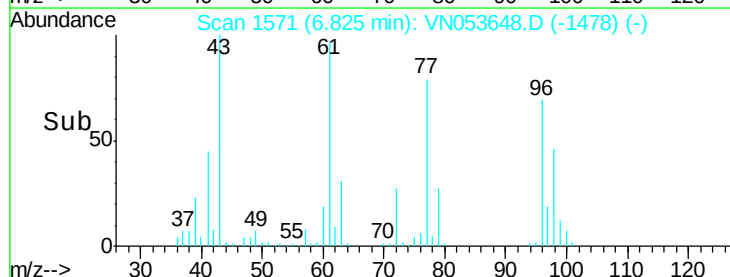
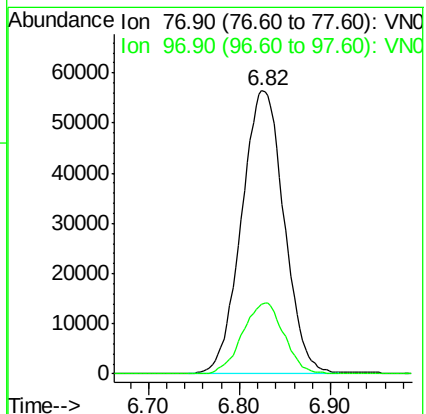
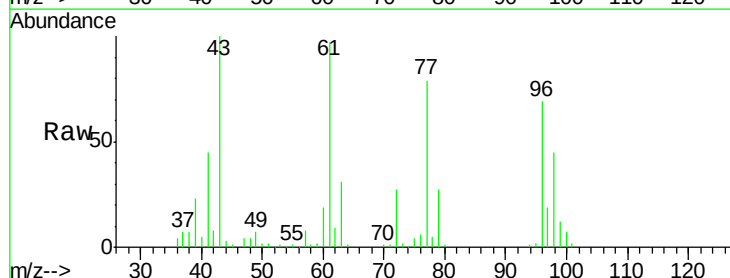
Acq: 7 Feb 2019 11:52

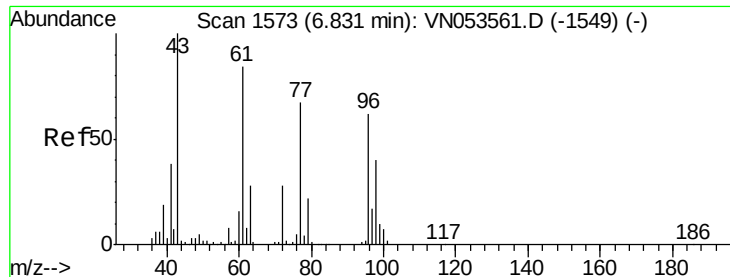
Tgt Ion: 77 Resp: 183415

Ion Ratio Lower Upper

77 100

97 24.4 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.170 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

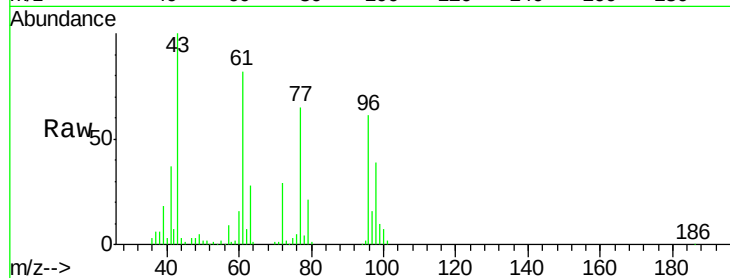
Tot Ion: 96 Resp: 150488

Ion Ratio Lower Upper

96 100

61 137.7 0.0 283.8

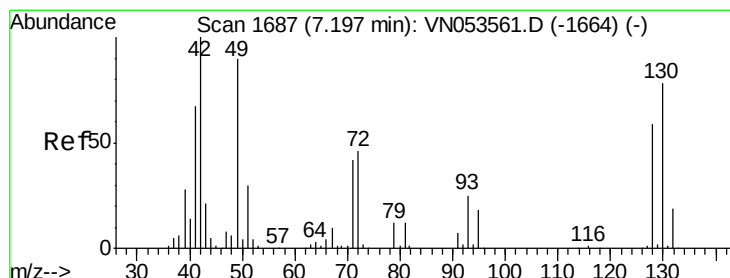
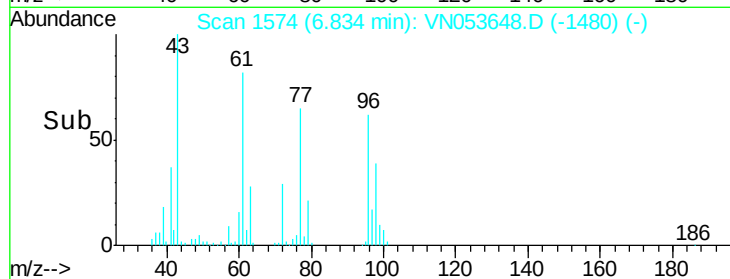
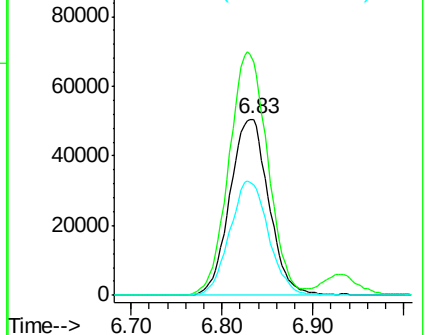
98 64.6 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN053561.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN053561.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN053561.D (-1549) (-)



#28

Bromochloromethane

Concen: 19.386 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

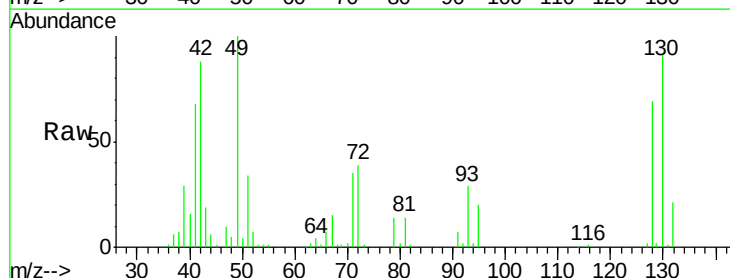
Tgt Ion: 49 Resp: 108326

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

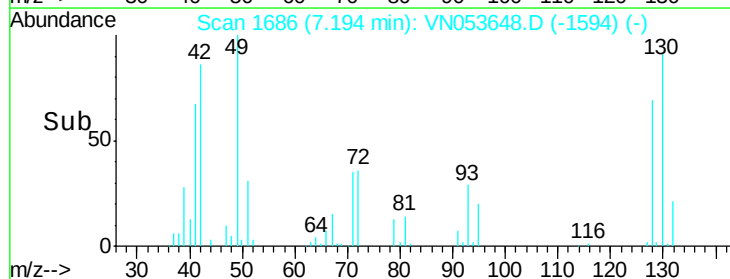
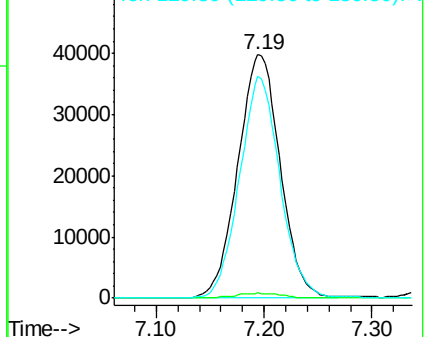
130 87.1 66.3 99.5

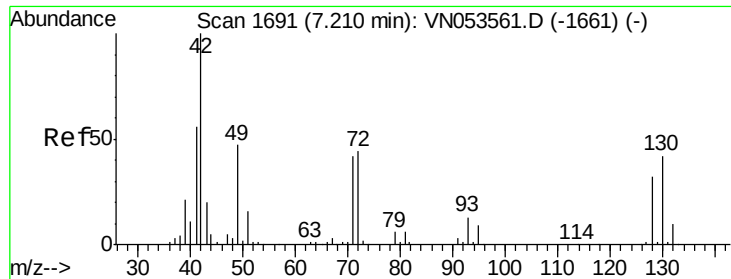


Abundance Ion 48.90 (48.60 to 49.60): VN053561.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN053561.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN053561.D (-1664) (-)





#29

Tetrahydrofuran

Concen: 92.756 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

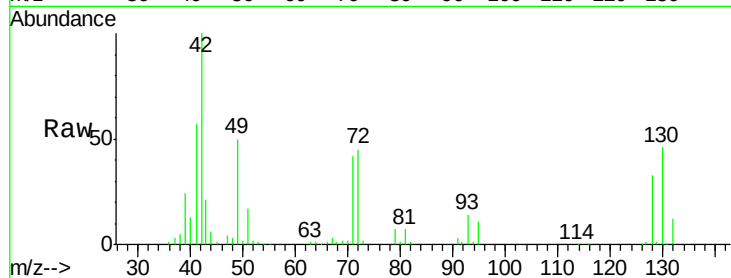
Tot Ion: 42 Resp: 154466

Ion Ratio Lower Upper

42 100

72 45.4 35.2 52.8

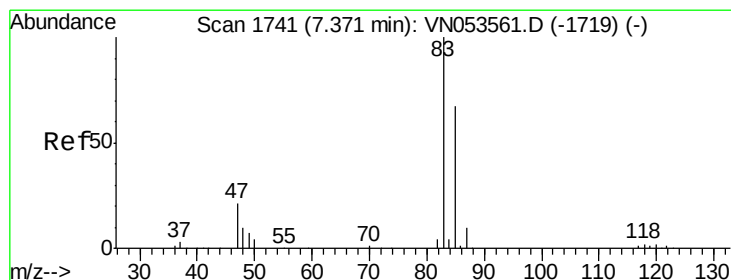
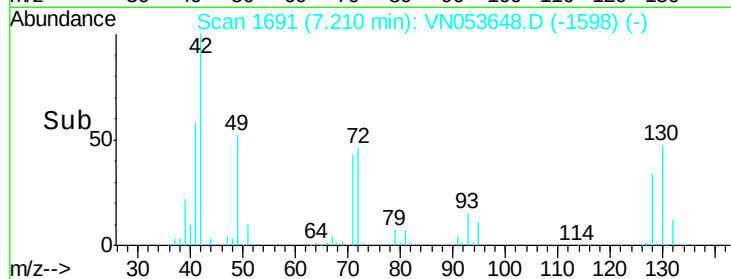
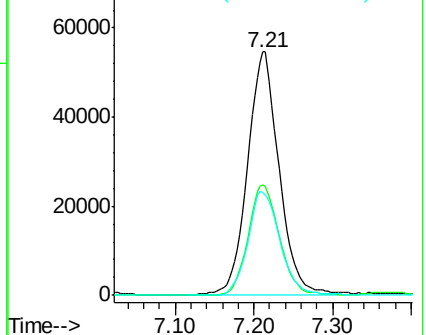
71 43.7 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.999 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN053648.D

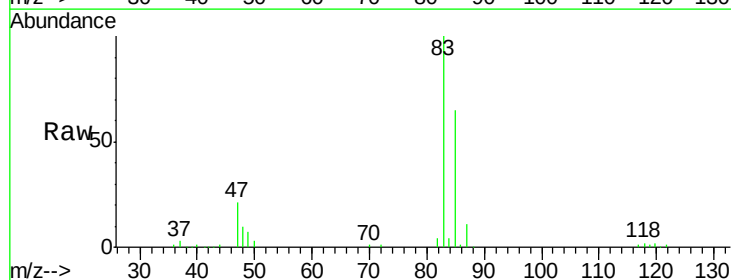
Acq: 7 Feb 2019 11:52

Tgt Ion: 83 Resp: 242513

Ion Ratio Lower Upper

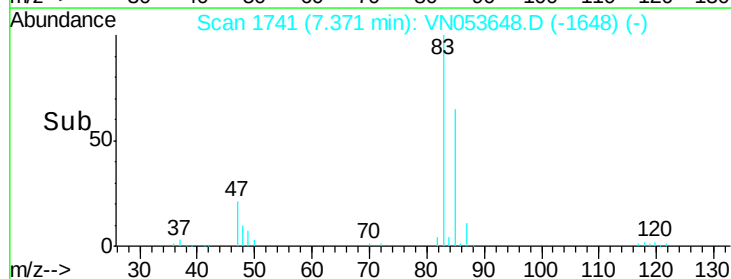
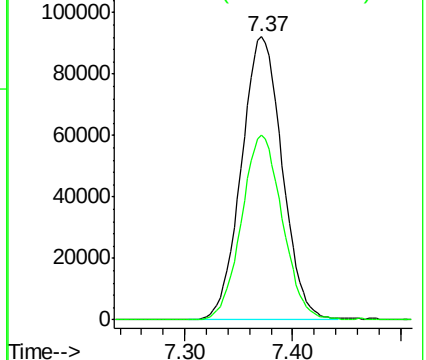
83 100

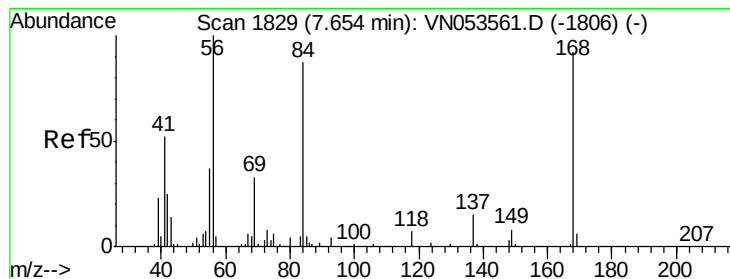
85 65.2 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.200 ug/l

RT: 7.65 min Scan# 1829

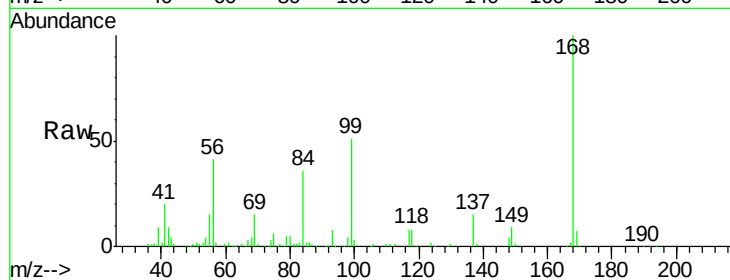
Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tot Ion: 56 Resp: 219487

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 38.1  | 26.4  | 39.6  |
| 84  | 89.0  | 67.9  | 101.9 |

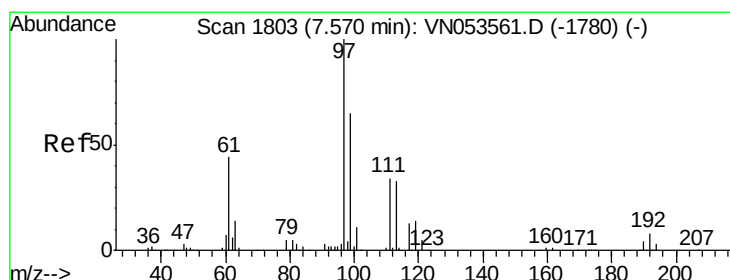
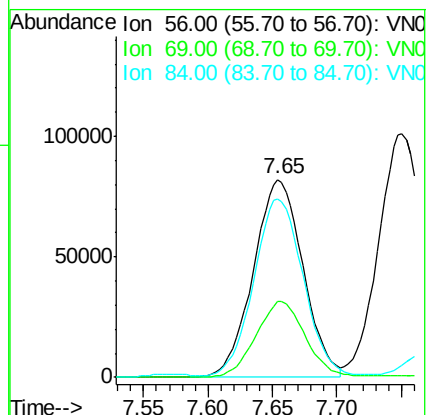
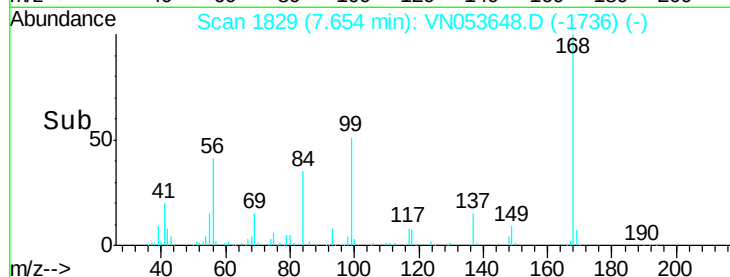


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.146 ug/l

RT: 7.57 min Scan# 1803

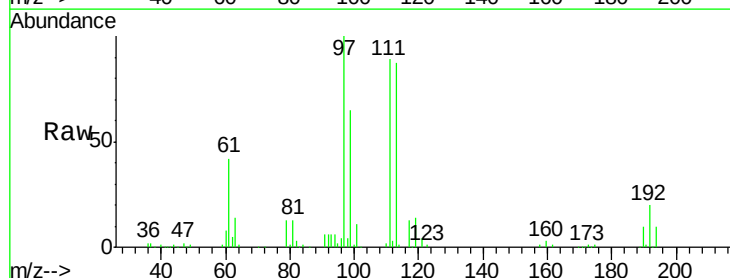
Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tgt Ion: 97 Resp: 203390

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.1  | 52.0  | 78.0  |
| 61  | 42.6  | 34.4  | 51.6  |

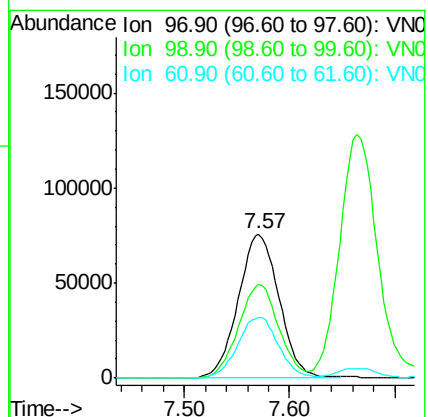
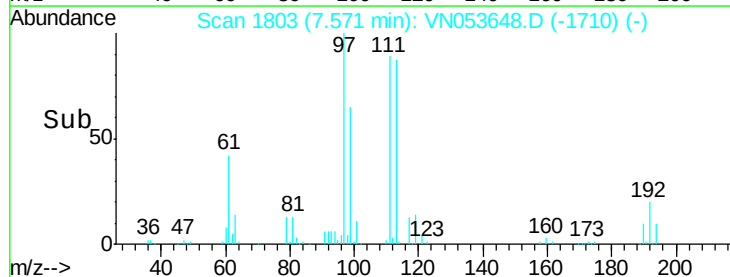


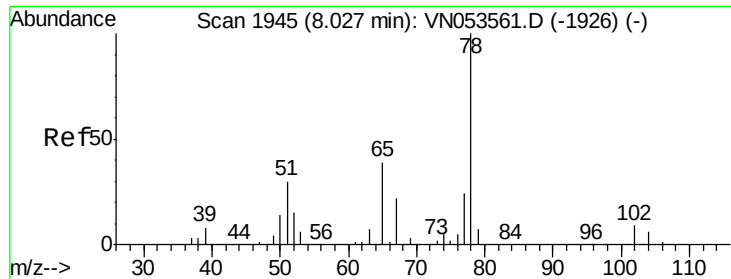
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 48.836 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053648.D

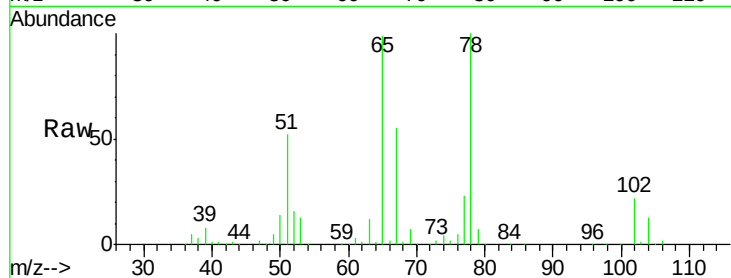
Acq: 7 Feb 2019 11:52

Tot Ion: 65 Resp: 346201

Ion Ratio Lower Upper

65 100

67 55.0 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

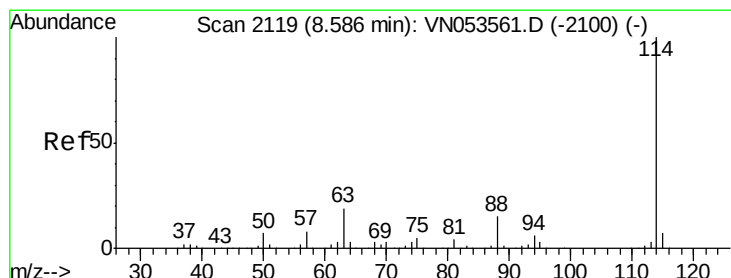
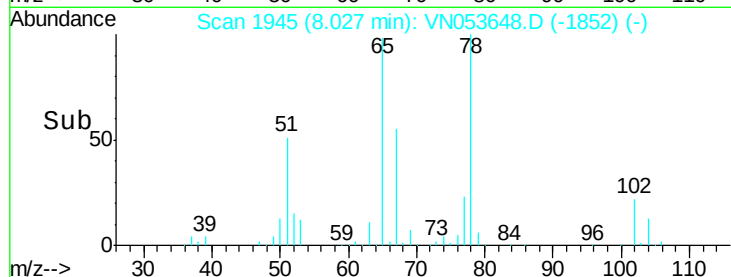
150000

100000

50000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

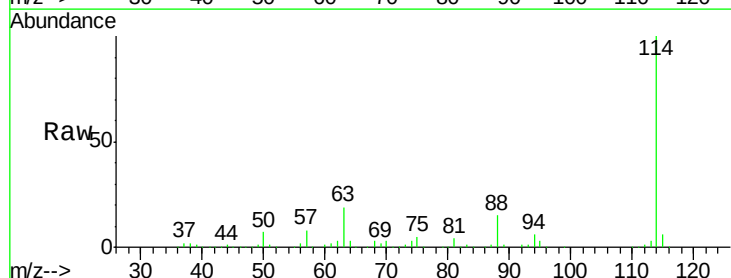
Tgt Ion: 114 Resp: 1039279

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

88 15.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

600000

500000

400000

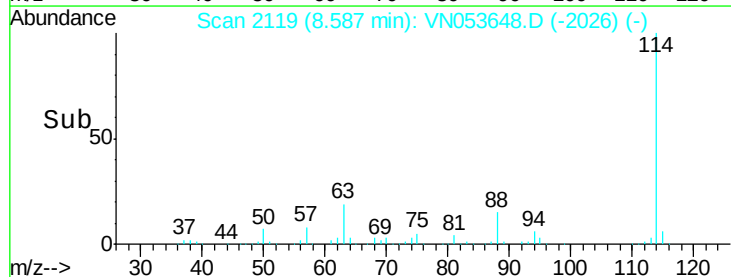
300000

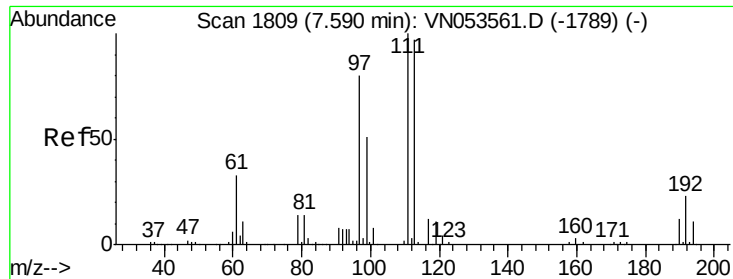
200000

100000

0

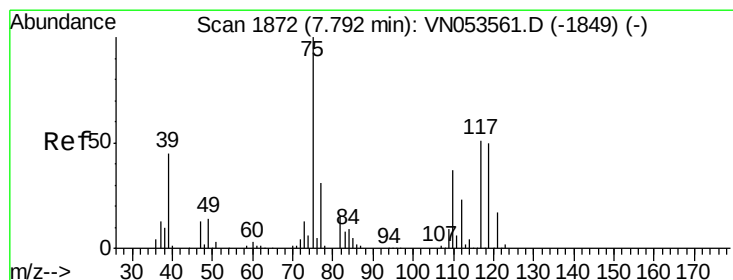
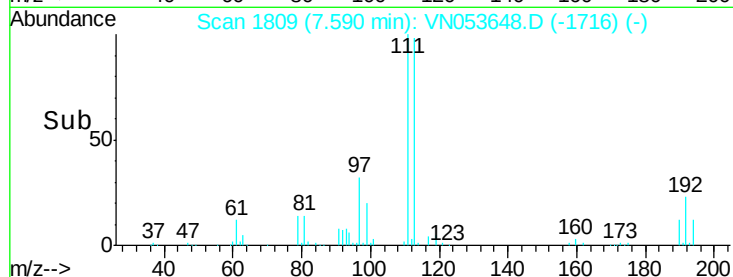
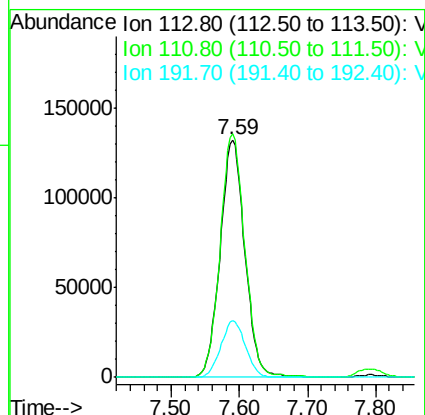
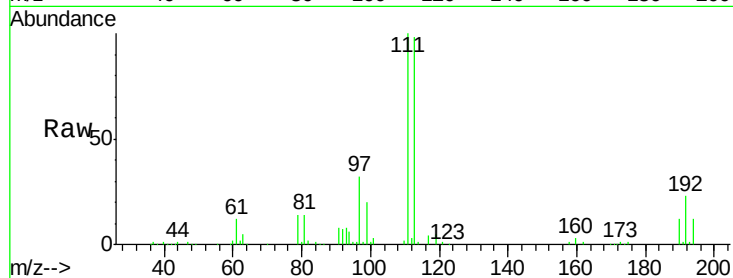
Time--> 8.50 8.60 8.70 8.80





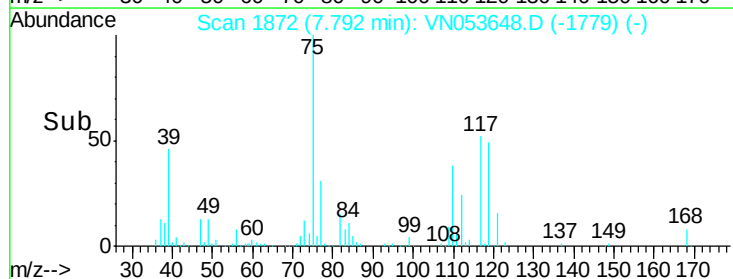
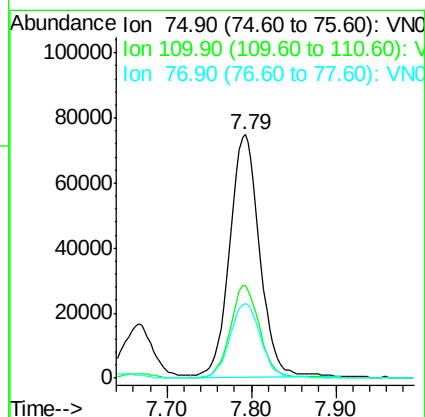
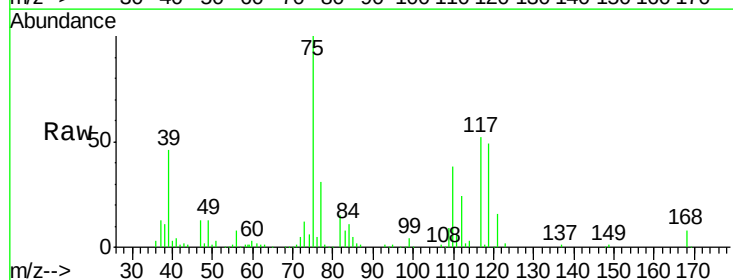
#35  
 Dibromofluoromethane  
 Concen: 50.720 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: VN053648.D  
 Acq: 7 Feb 2019 11:52

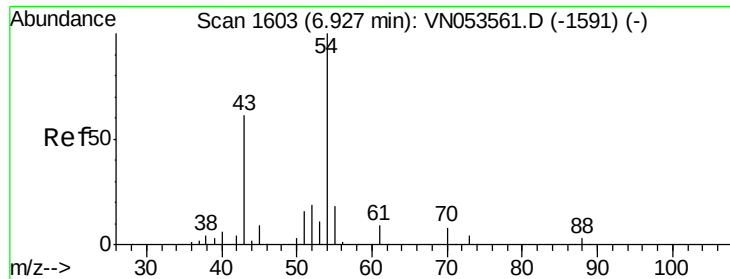
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.3 | 81.1  | 121.7 |
| 192     | 23.9  | 18.2  | 27.2  |



#36  
 1,1-Dichloropropene  
 Concen: 19.656 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. 0.00 min  
 Lab File: VN053648.D  
 Acq: 7 Feb 2019 11:52

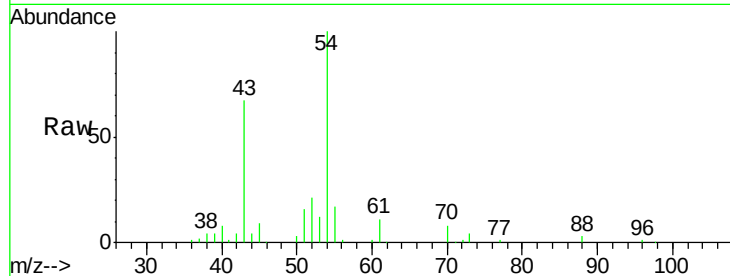
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.4  | 18.1  | 54.3  |
| 77      | 31.6  | 25.1  | 37.7  |



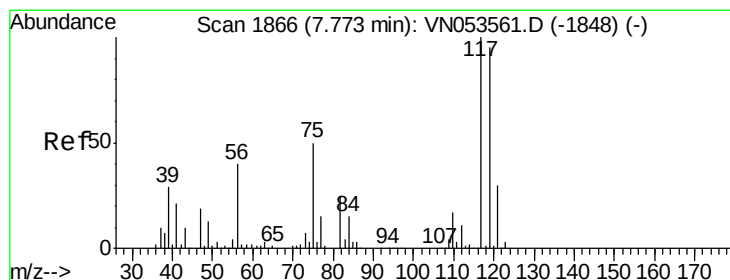
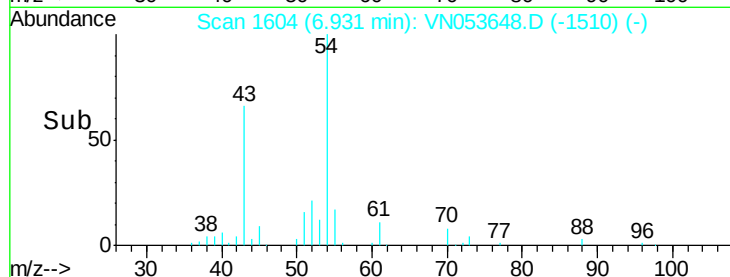
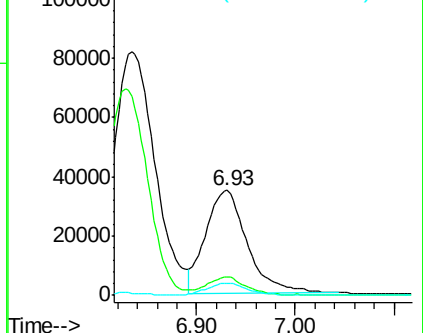


#37  
Ethyl Acetate  
Concen: 19.779 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

Tot Ion: 43 Resp: 103488  
Ion Ratio Lower Upper  
43 100  
61 14.8 11.8 17.6  
70 11.3 8.6 12.8

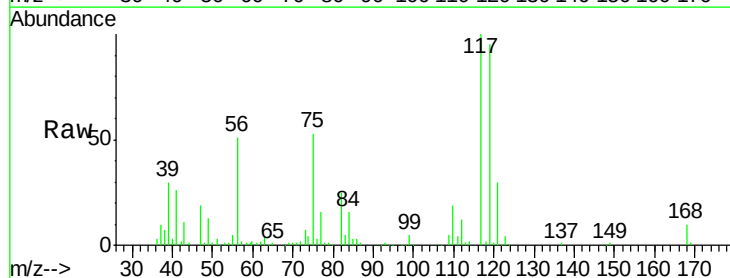


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

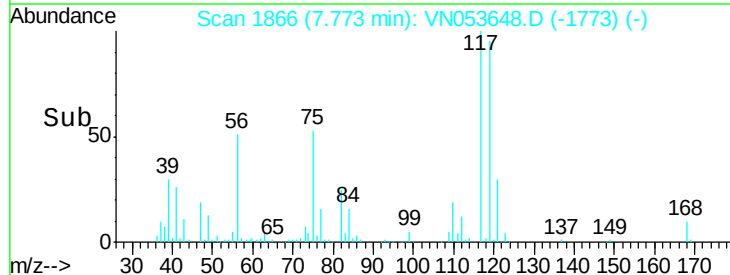
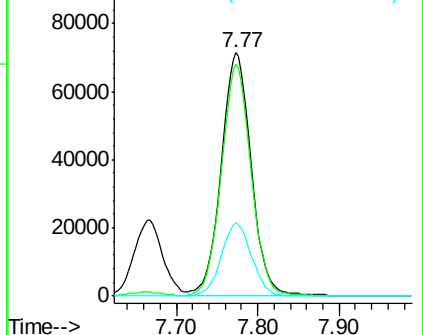


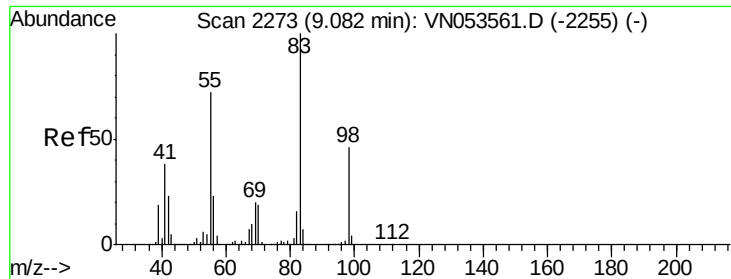
#38  
Carbon Tetrachloride  
Concen: 19.473 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

Tgt Ion: 117 Resp: 183782  
Ion Ratio Lower Upper  
117 100  
119 95.5 77.2 115.8  
121 30.1 24.6 37.0



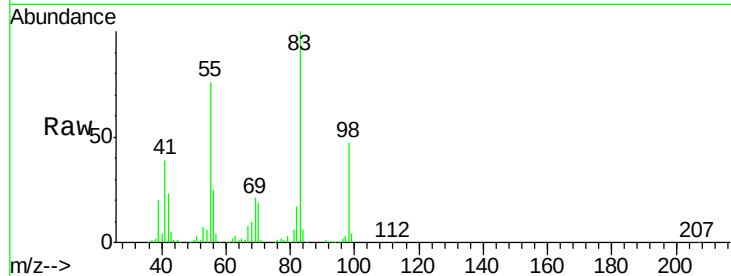
Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V





#39  
Methvlcvclohexane  
Concen: 18.853 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

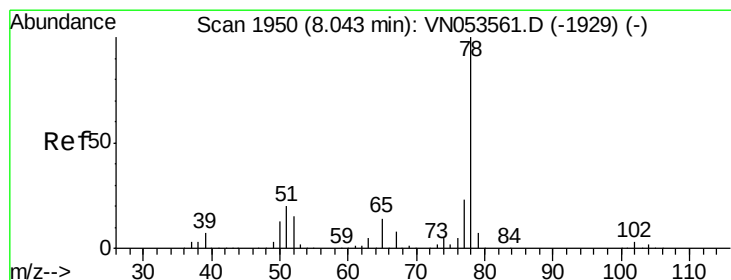
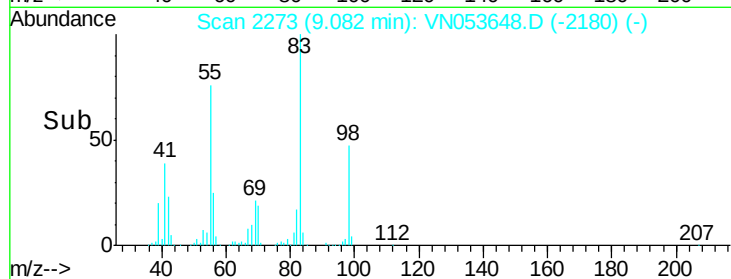
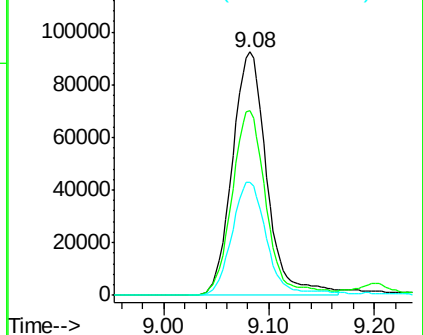
| Tot Ion   | 83   | Resp  | 209550 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 55        | 76.1 | 60.1  | 90.1   |
| 98        | 46.6 | 36.6  | 55.0   |



Abundance Ion 83.00 (82.70 to 83.70): VN053561.D (-2255) (-)

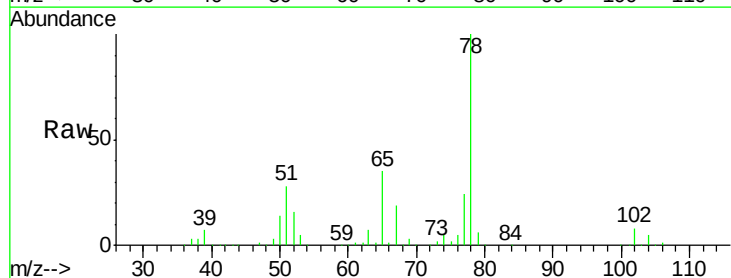
Ion 55.00 (54.70 to 55.70): VN053561.D (-2255) (-)

Ion 98.00 (97.70 to 98.70): VN053561.D (-2255) (-)



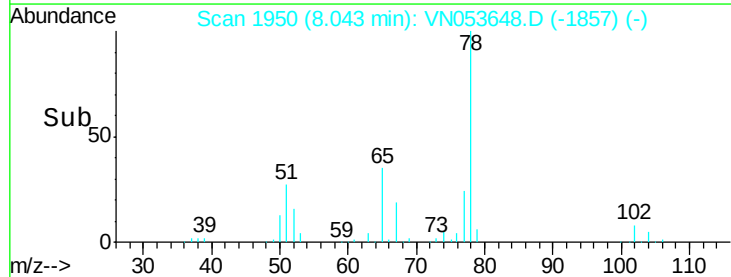
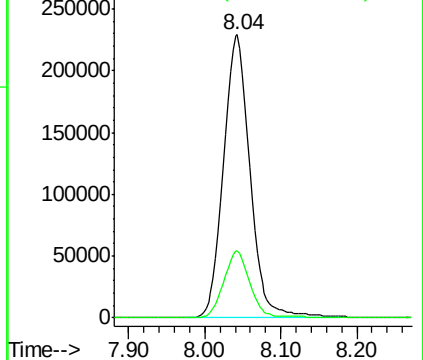
#40  
Benzene  
Concen: 19.379 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

| Tgt Ion   | 78   | Resp  | 559867 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 77        | 23.8 | 18.8  | 28.2   |

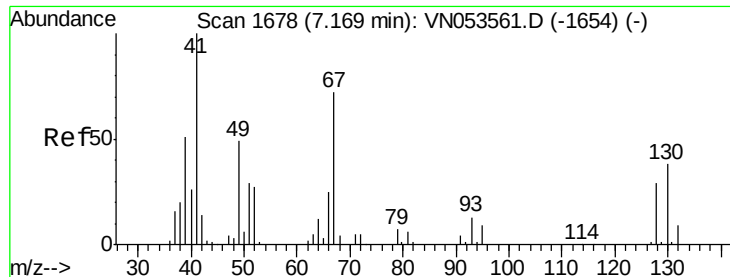


Abundance Ion 78.00 (77.70 to 78.70): VN053561.D (-1929) (-)

Ion 77.00 (76.70 to 77.70): VN053561.D (-1929) (-)







#41

Methacrylonitrile

Concen: 20.184 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.01 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tot Ion: 41 Resp: 59026

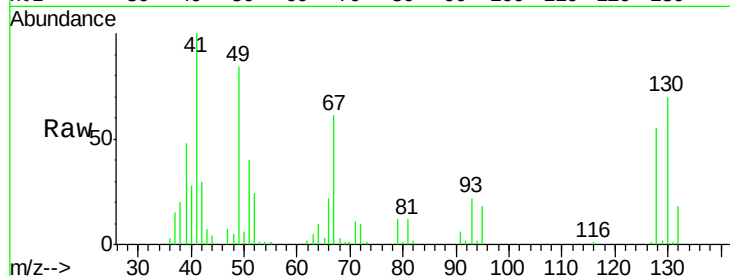
Ion Ratio Lower Upper

41 100

39 47.8 46.8 70.2

67 81.4 63.0 94.6

52 32.8 23.8 35.8



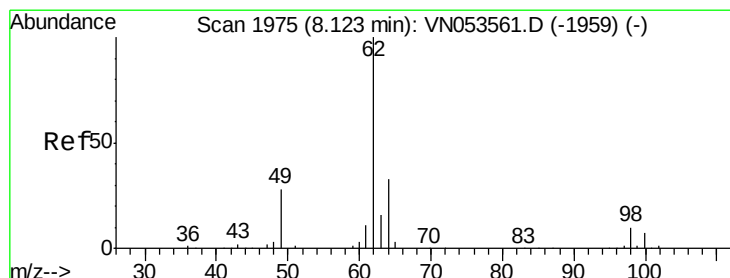
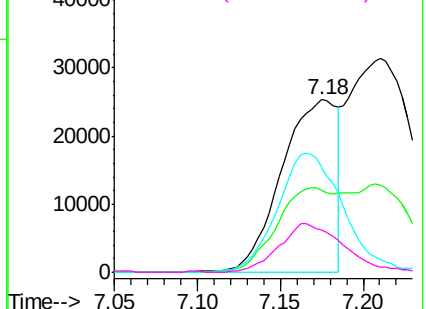
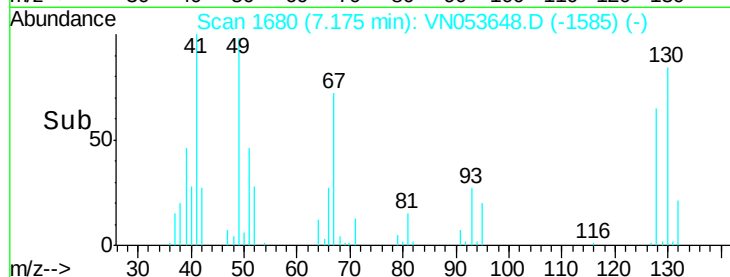
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 18.840 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN053648.D

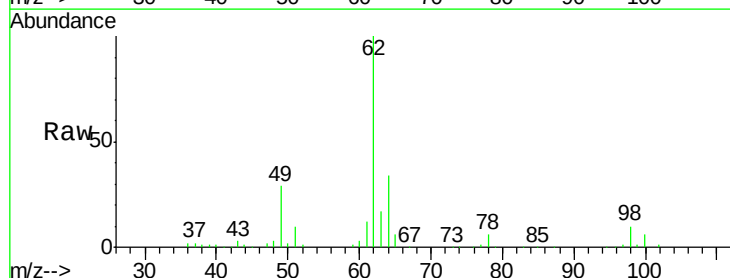
Acq: 7 Feb 2019 11:52

Tgt Ion: 62 Resp: 161612

Ion Ratio Lower Upper

62 100

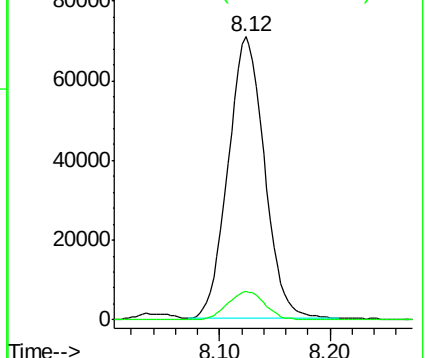
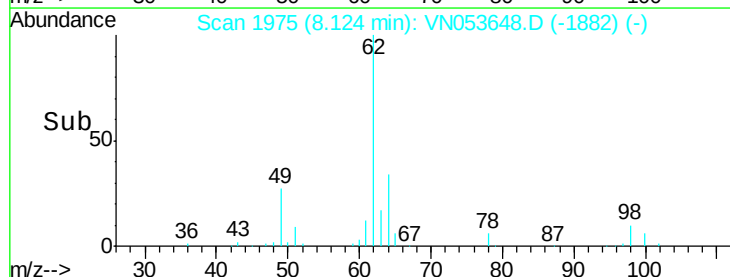
98 10.3 0.0 19.6

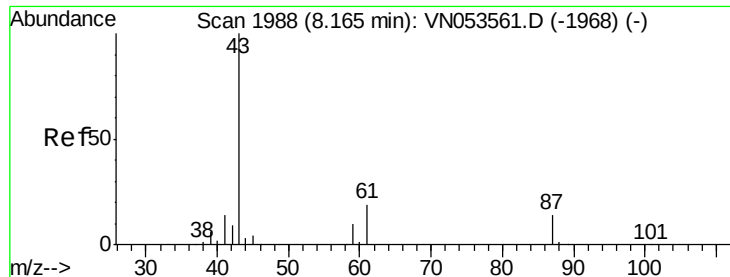


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 18.254 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

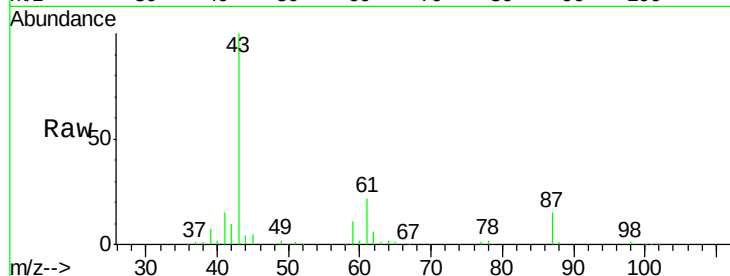
Tot Ion: 43 Resp: 184452

Ion Ratio Lower Upper

43 100

61 29.7 23.9 35.9

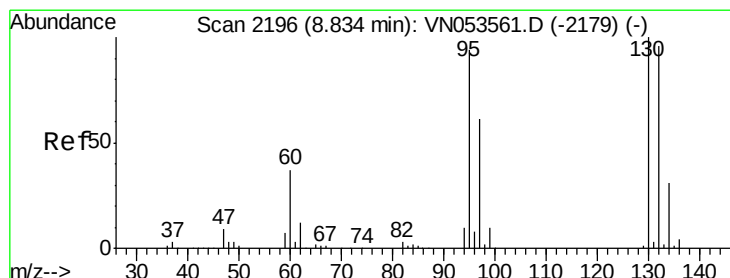
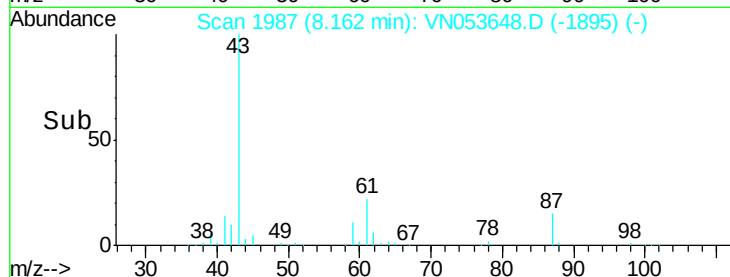
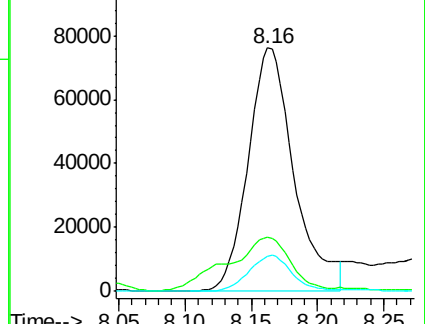
87 14.0 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN053561.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN053561.D (-1968) (-)



#44

Trichloroethene

Concen: 19.141 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN053648.D

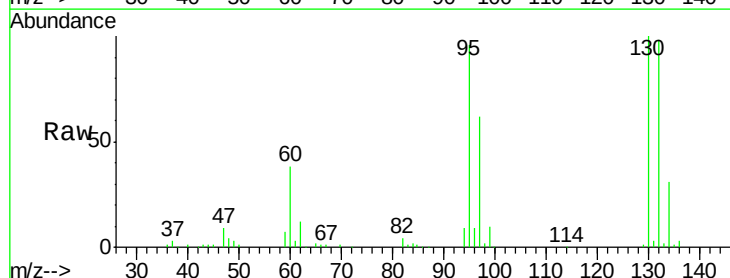
Acq: 7 Feb 2019 11:52

Tgt Ion:130 Resp: 157432

Ion Ratio Lower Upper

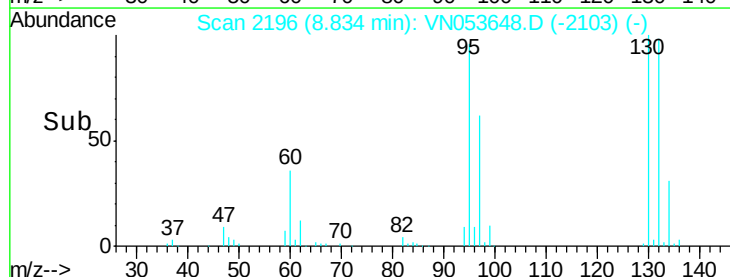
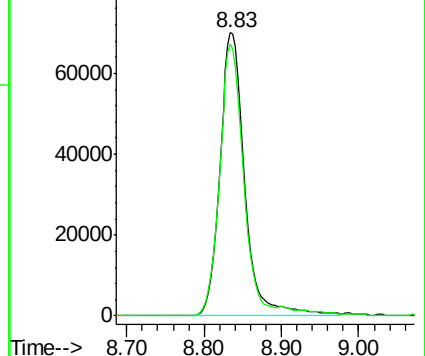
130 100

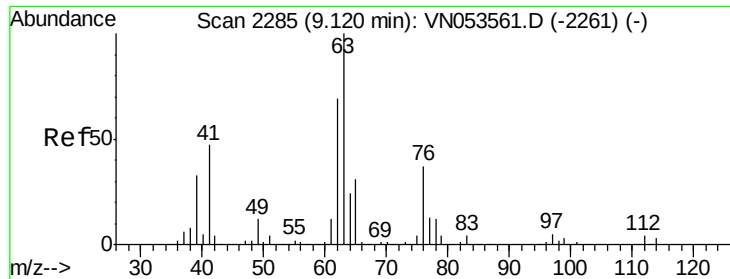
95 96.1 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VN053561.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN053561.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 19.697 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053648.D

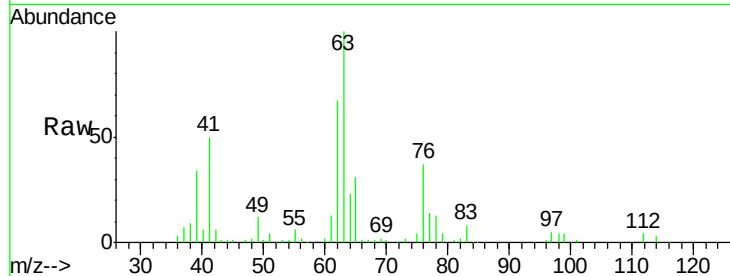
Acq: 7 Feb 2019 11:52

Tot Ion: 63 Resp: 145547

Ion Ratio Lower Upper

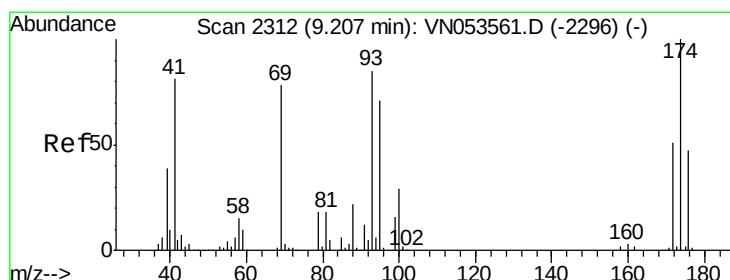
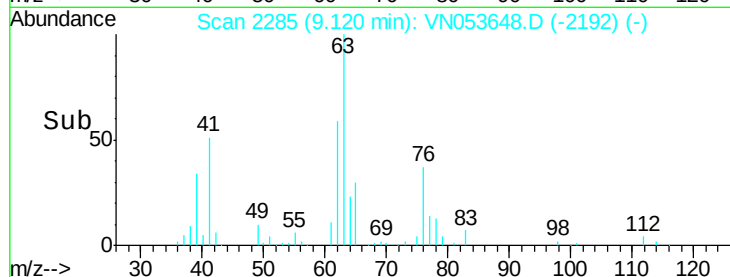
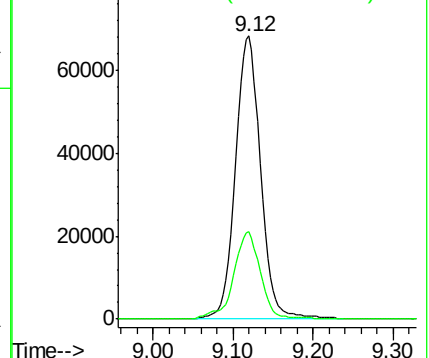
63 100

65 30.9 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.561 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

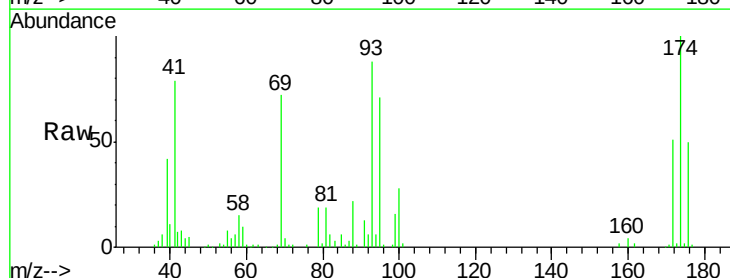
Tgt Ion: 93 Resp: 87133

Ion Ratio Lower Upper

93 100

95 82.0 67.3 100.9

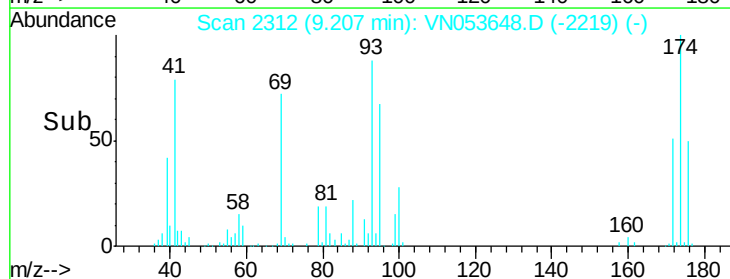
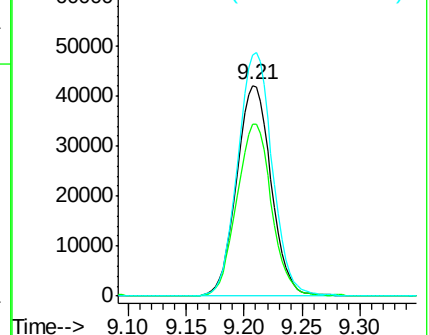
174 115.7 91.0 136.4

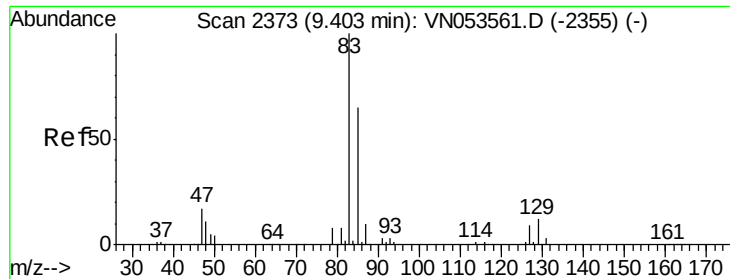


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.784 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

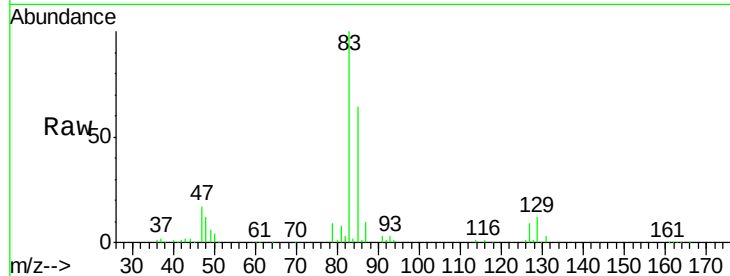
Tot Ion: 83 Resp: 183228

Ion Ratio Lower Upper

83 100

85 64.2 51.0 76.6

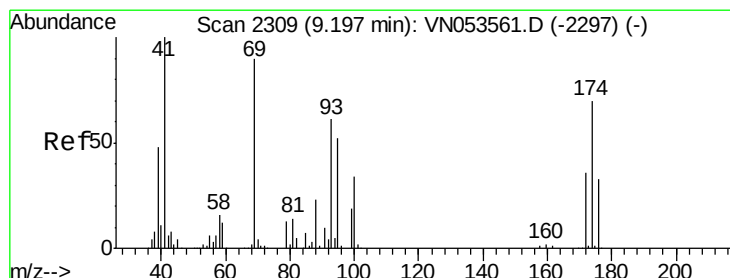
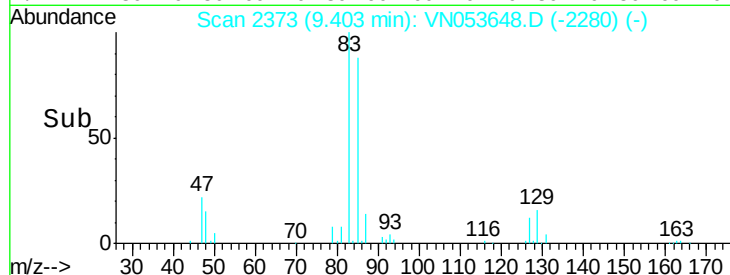
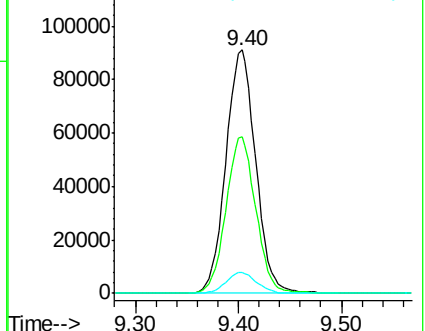
127 8.6 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 17.867 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

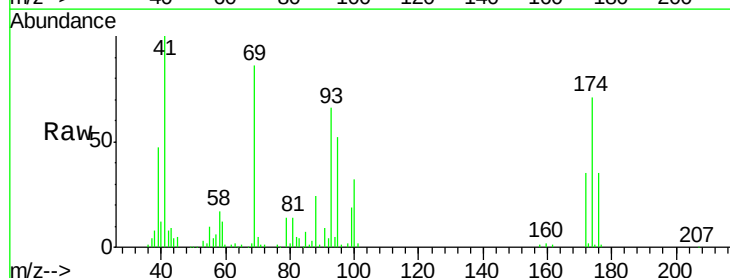
Tgt Ion: 41 Resp: 86182

Ion Ratio Lower Upper

41 100

69 100.4 73.8 110.6

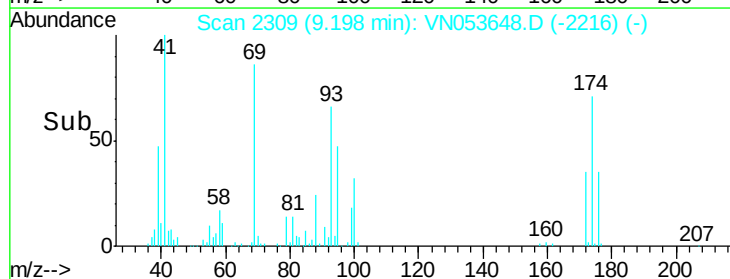
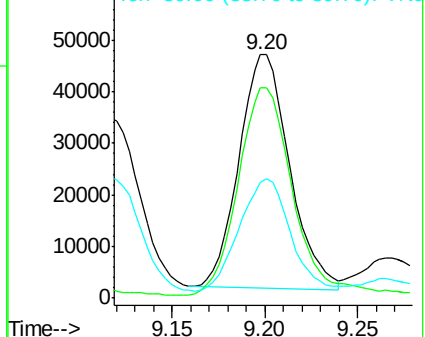
39 54.4 40.0 60.0

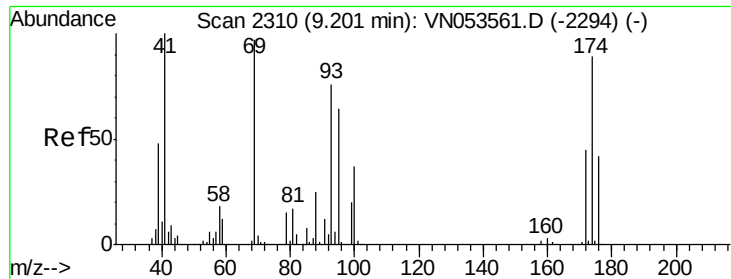


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 391.239 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

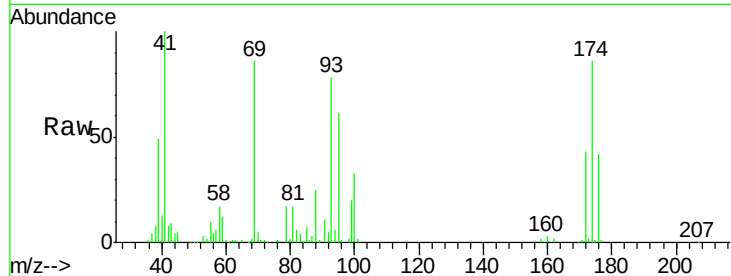
Tot Ion: 88 Resp: 25613

Ion Ratio Lower Upper

88 100

43 30.1 27.8 41.6

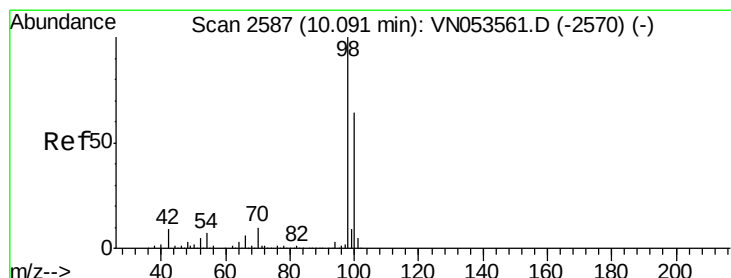
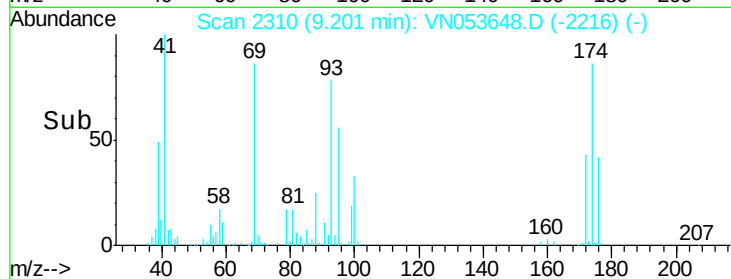
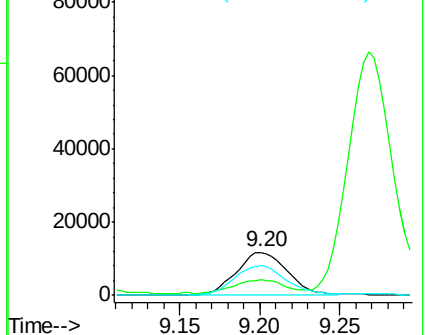
58 71.4 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.063 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053648.D

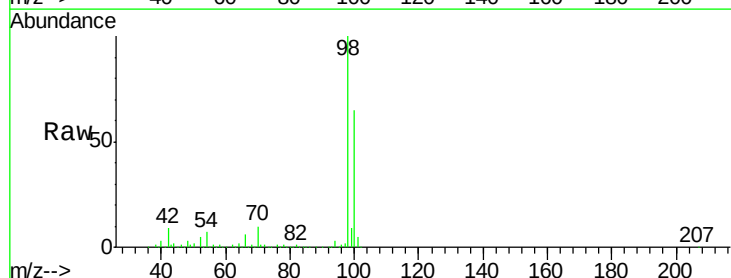
Acq: 7 Feb 2019 11:52

Tgt Ion: 98 Resp: 1234434

Ion Ratio Lower Upper

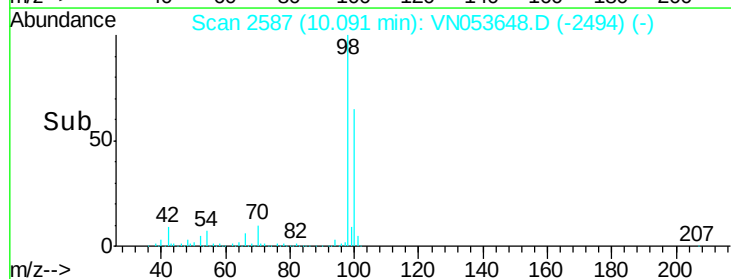
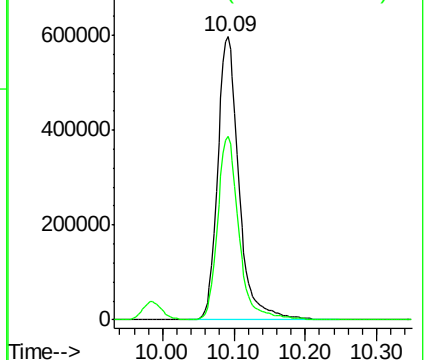
98 100

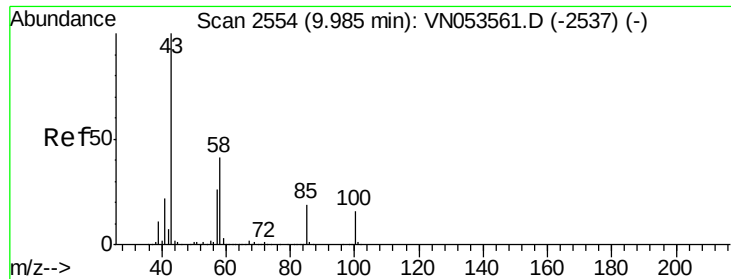
100 65.0 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 97.365 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053648.D

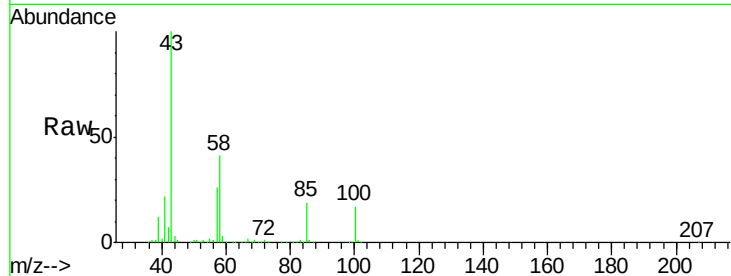
Acq: 7 Feb 2019 11:52

Tot Ion: 43 Resp: 483465

Ion Ratio Lower Upper

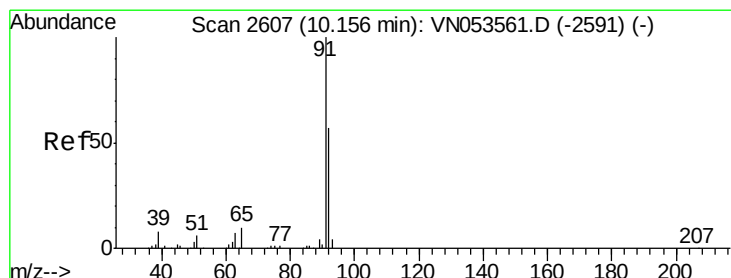
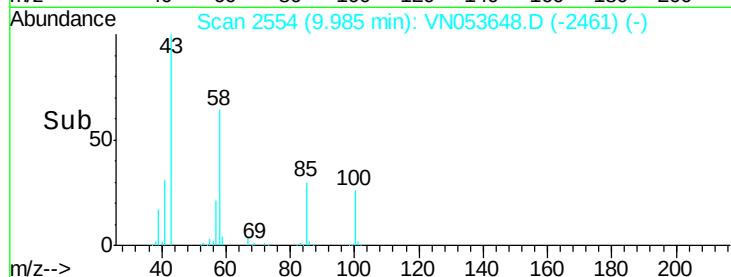
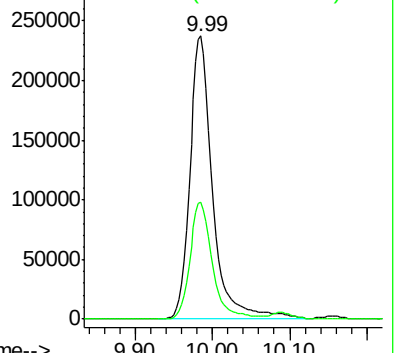
43 100

58 40.8 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.900 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053648.D

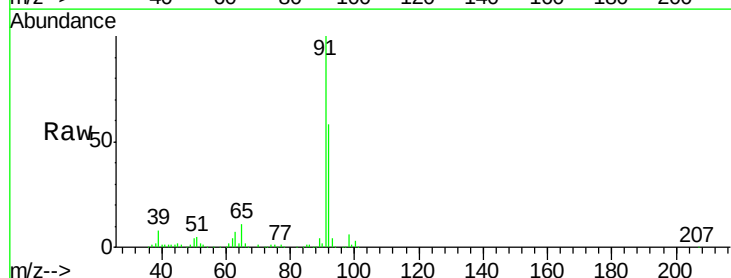
Acq: 7 Feb 2019 11:52

Tgt Ion: 92 Resp: 341209

Ion Ratio Lower Upper

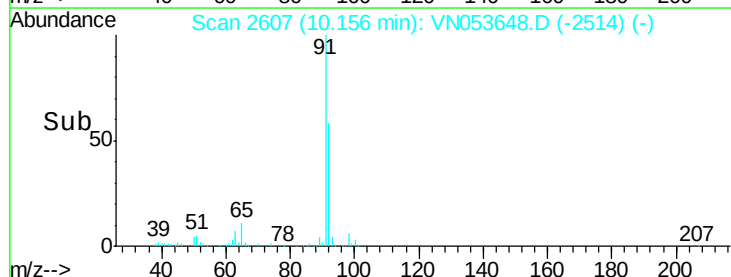
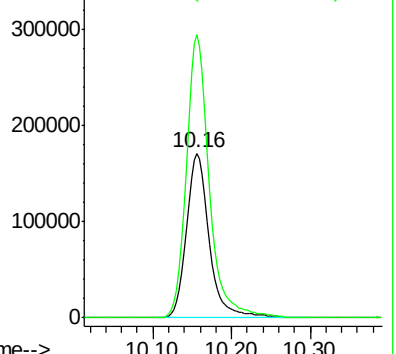
92 100

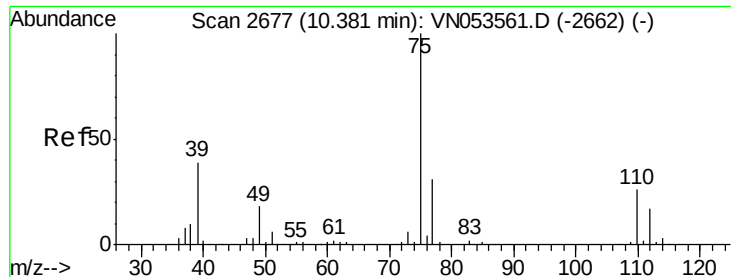
91 172.4 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

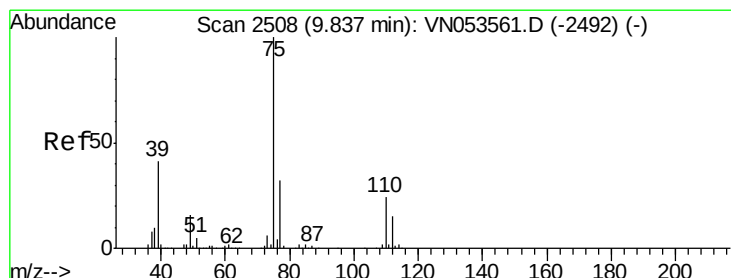
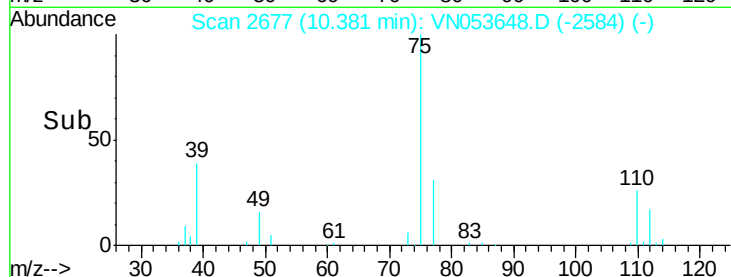
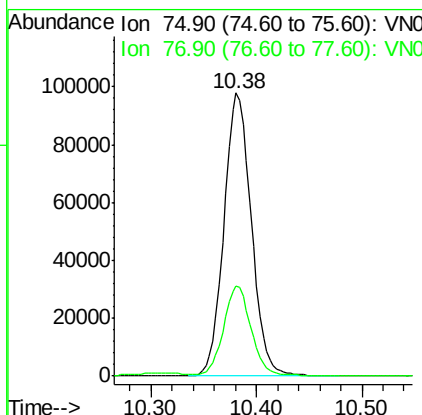
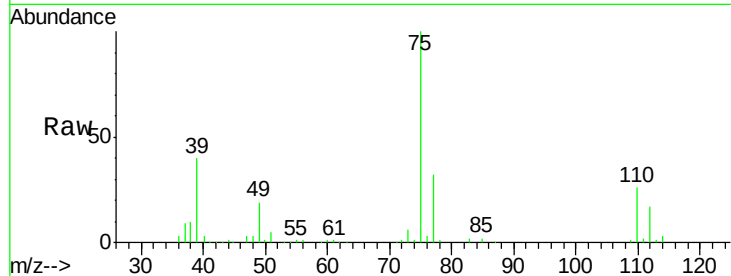
Ion 91.00 (90.70 to 91.70): VN0





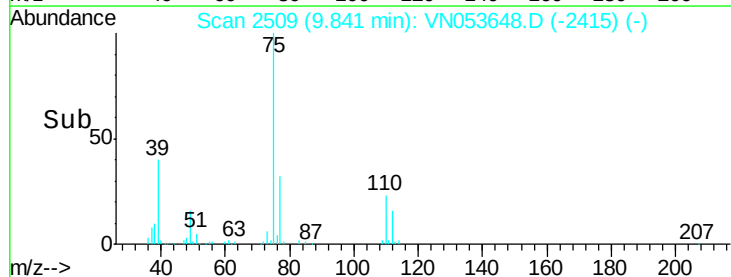
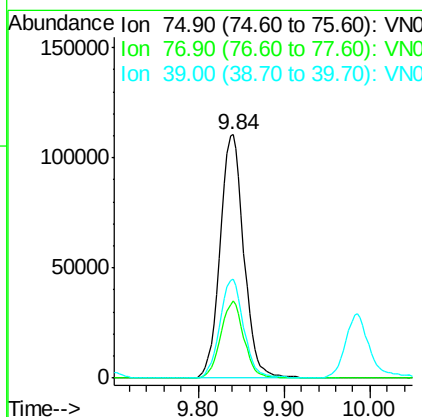
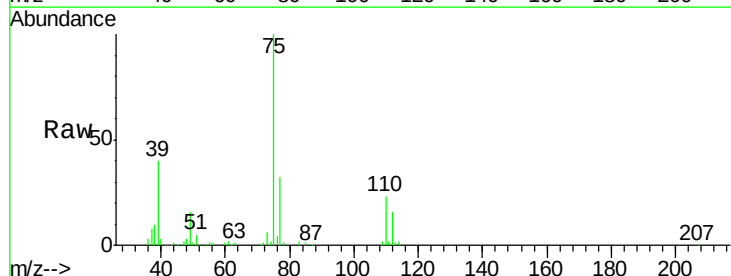
#53  
t-1,3-Dichloropropene  
Concen: 18.951 ug/l  
RT: 10.38 min Scan# 2677  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

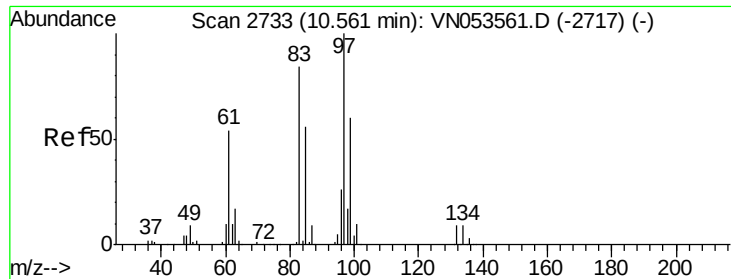
Tot Ion: 75 Resp: 175747  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.5 38.3



#54  
cis-1,3-Dichloropropene  
Concen: 19.288 ug/l  
RT: 9.84 min Scan# 2509  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

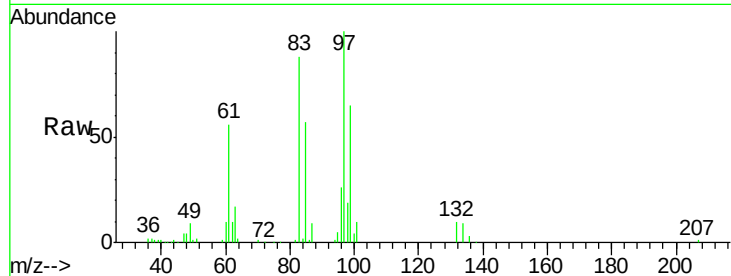
Tgt Ion: 75 Resp: 211966  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.8 38.6  
39 40.4 33.4 50.0



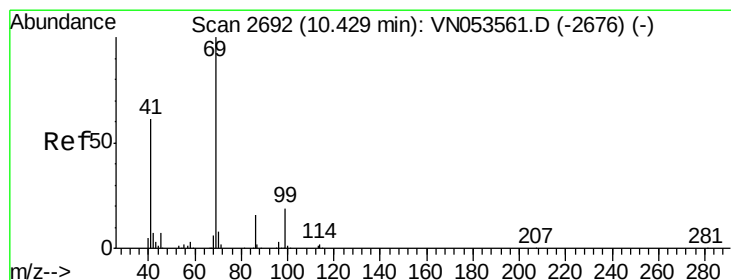
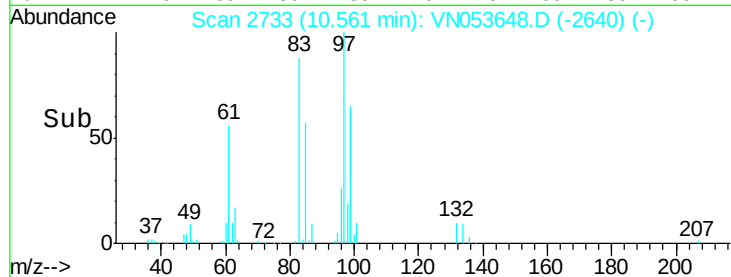
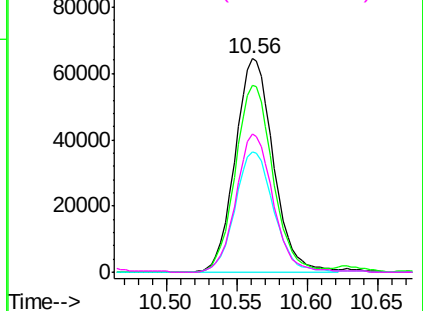


#55  
 1,1,2-Trichloroethane  
 Concen: 19.810 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN053648.D  
 Acq: 7 Feb 2019 11:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 122394 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 87.7  | 70.1  | 105.1  |
| 85       | 56.6  | 45.4  | 68.0   |
| 99       | 64.6  | 49.8  | 74.8   |

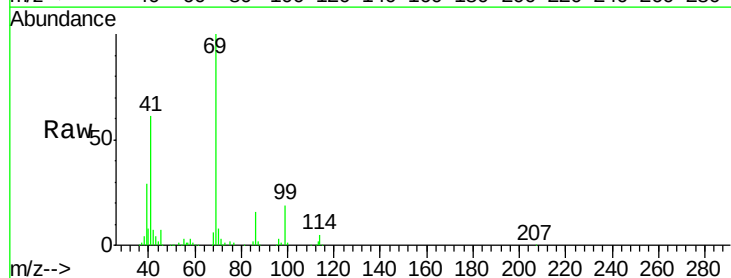


Abundance Ion 96.90 (96.60 to 97.60): VN0  
 Ion 82.90 (82.60 to 83.60): VN0  
 Ion 84.90 (84.60 to 85.60): VN0  
 Ion 98.90 (98.60 to 99.60): VN0

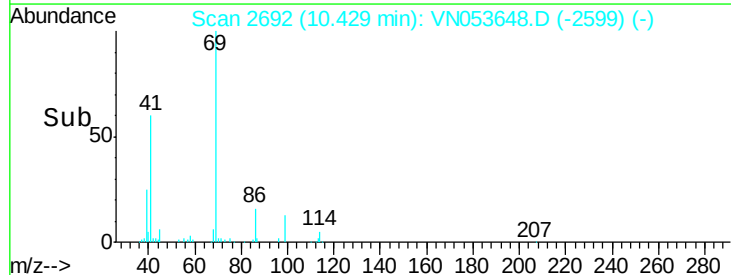
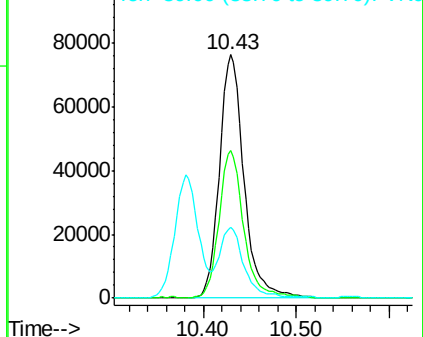


#56  
 Ethyl methacrylate  
 Concen: 19.208 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. 0.00 min  
 Lab File: VN053648.D  
 Acq: 7 Feb 2019 11:52

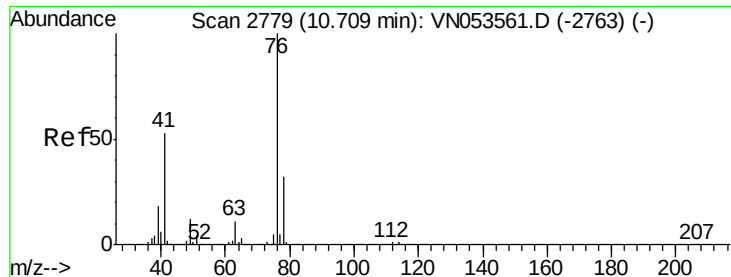
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 140393 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.0  | 49.4  | 74.0   |
| 39       | 27.5  | 23.3  | 34.9   |



Abundance Ion 69.00 (68.70 to 69.70): VN0  
 Ion 41.00 (40.70 to 41.70): VN0  
 Ion 39.00 (38.70 to 39.70): VN0

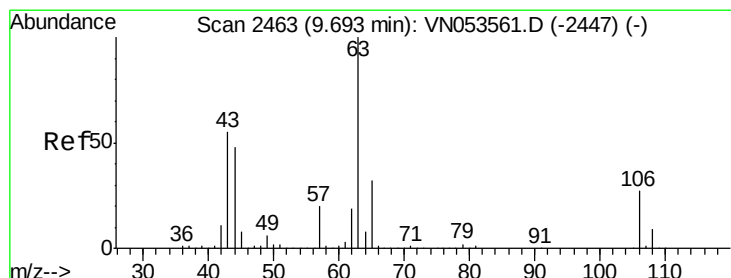
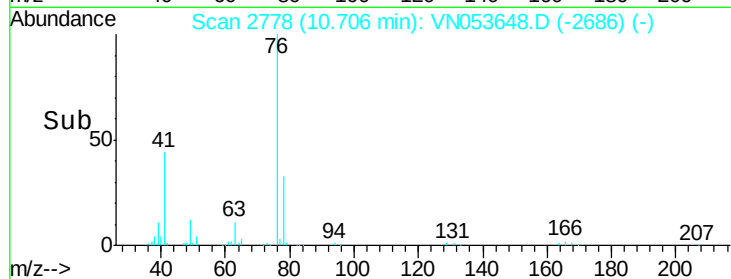
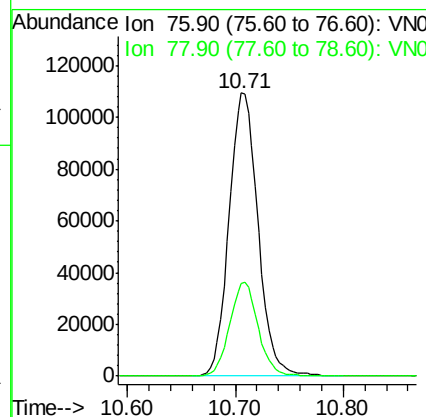
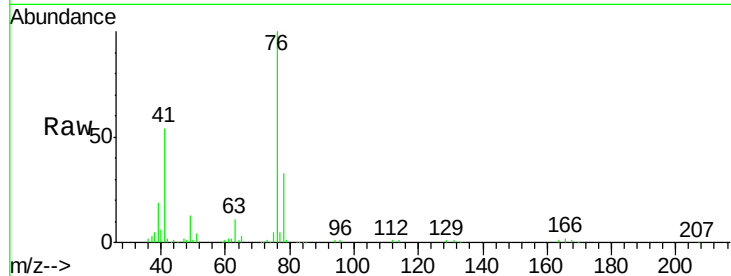






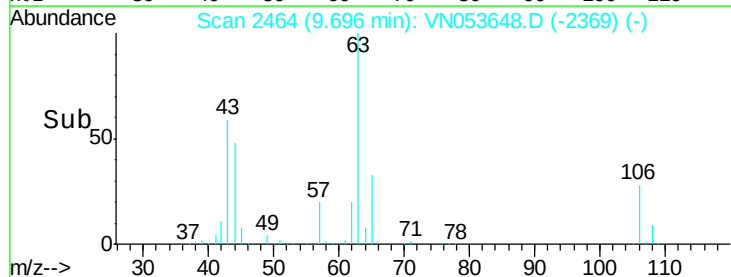
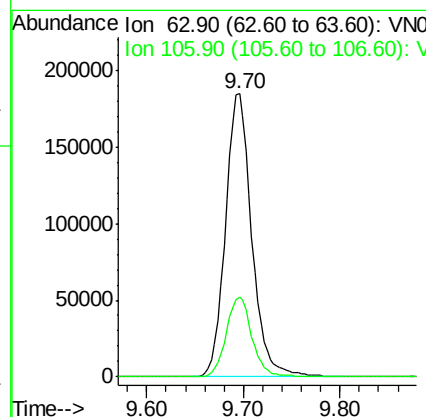
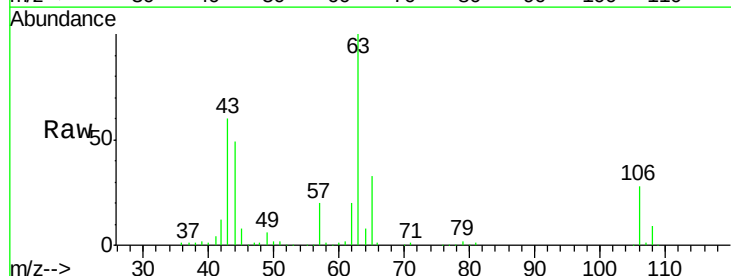
#57  
 1,3-Dichloropropane  
 Concen: 19.387 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. -0.00 min  
 Lab File: VN053648.D  
 Acq: 7 Feb 2019 11:52

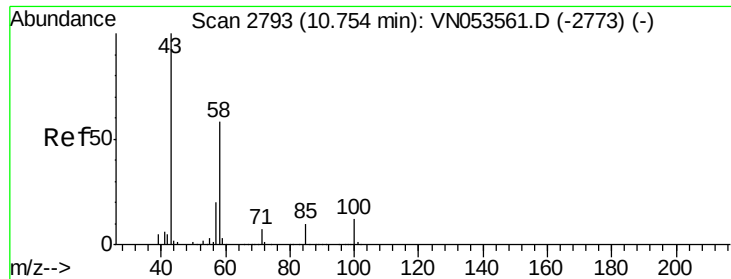
Tot Ion: 76 Resp: 204711  
 Ion Ratio Lower Upper  
 76 100  
 78 32.6 25.6 38.4



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 82.507 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN053648.D  
 Acq: 7 Feb 2019 11:52

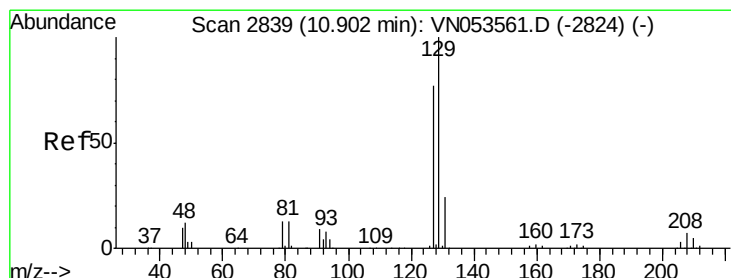
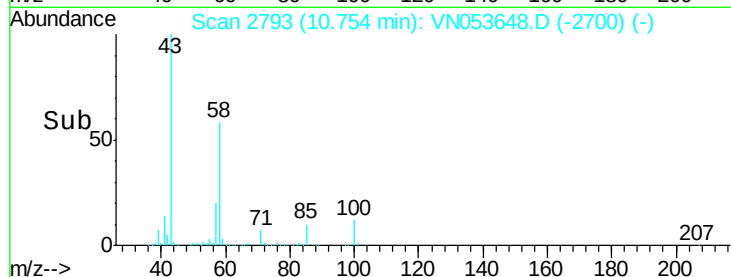
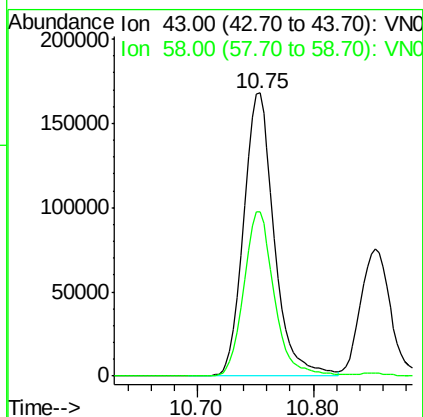
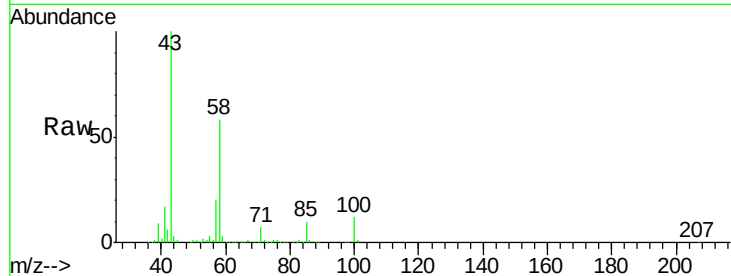
Tgt Ion: 63 Resp: 348871  
 Ion Ratio Lower Upper  
 63 100  
 106 27.7 21.5 32.3





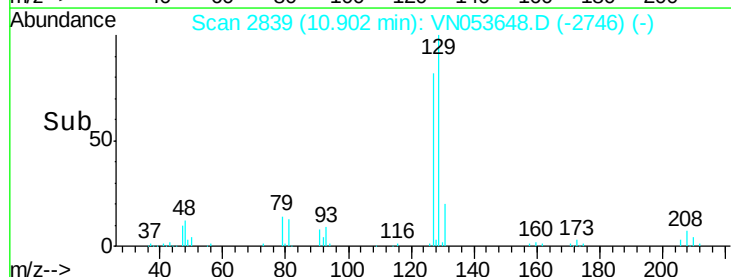
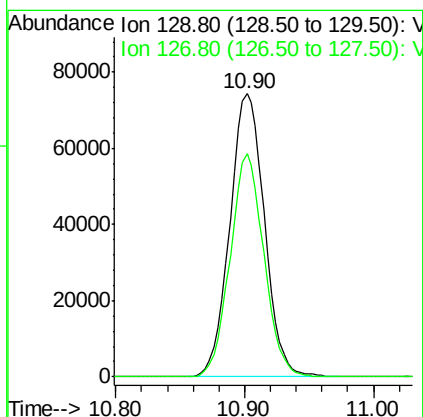
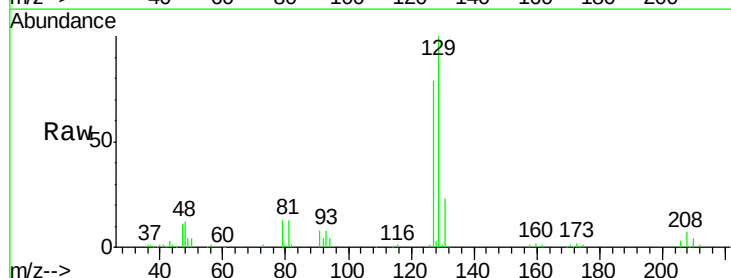
#59  
2-Hexanone  
Concen: 90.984 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

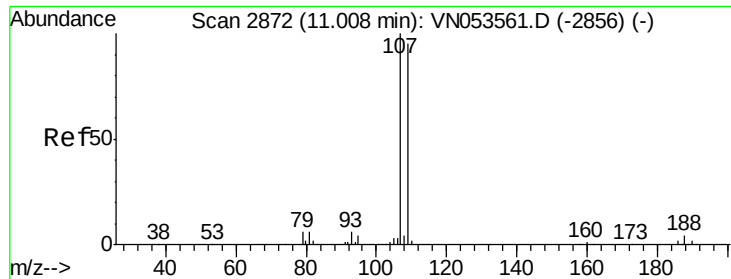
Tot Ion: 43 Resp: 306699  
Ion Ratio Lower Upper  
43 100  
58 58.3 28.6 85.8



#60  
Dibromochloromethane  
Concen: 19.870 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

Tgt Ion: 129 Resp: 138439  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 18.963 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN053648.D

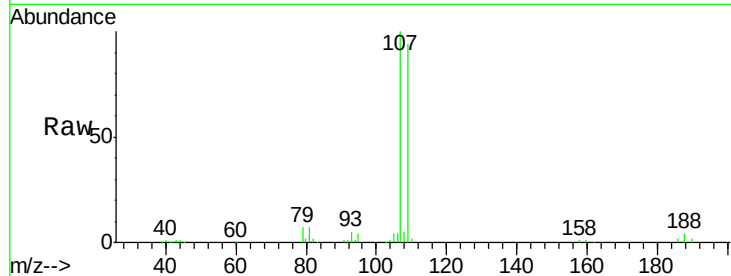
Acq: 7 Feb 2019 11:52

Tot Ion:107 Resp: 115963

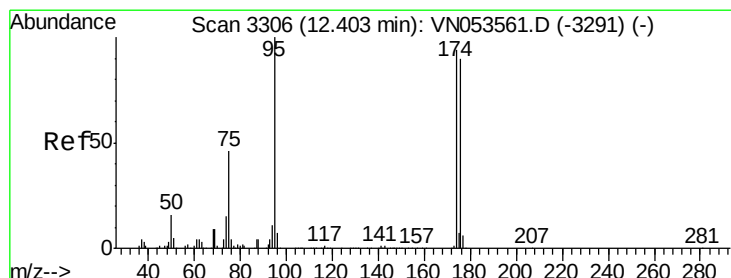
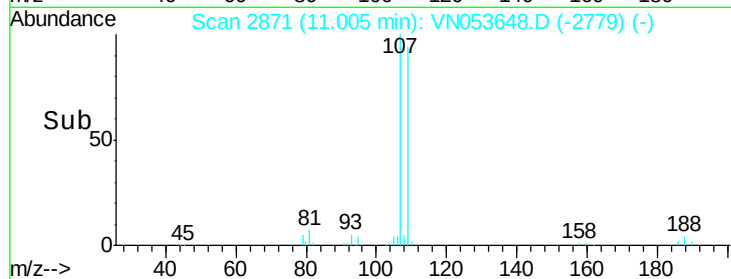
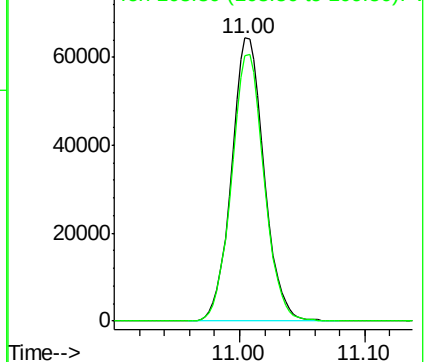
Ion Ratio Lower Upper

107 100

109 94.3 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V  
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.114 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

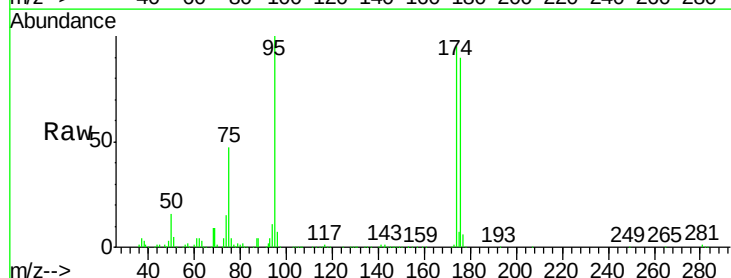
Tgt Ion: 95 Resp: 412123

Ion Ratio Lower Upper

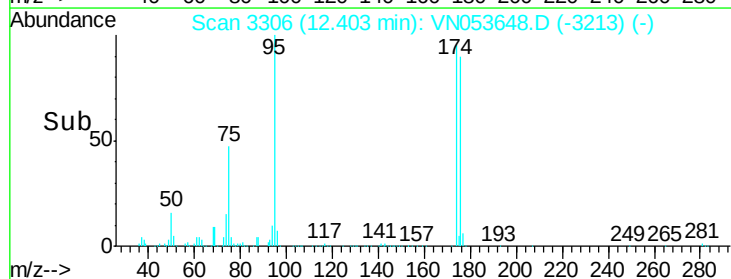
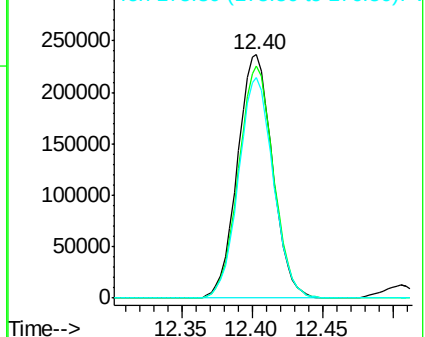
95 100

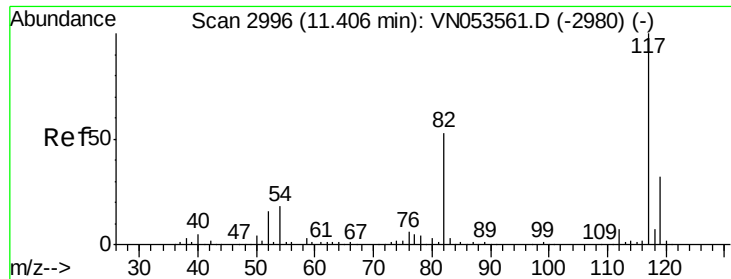
174 94.8 0.0 183.2

176 89.7 0.0 177.4



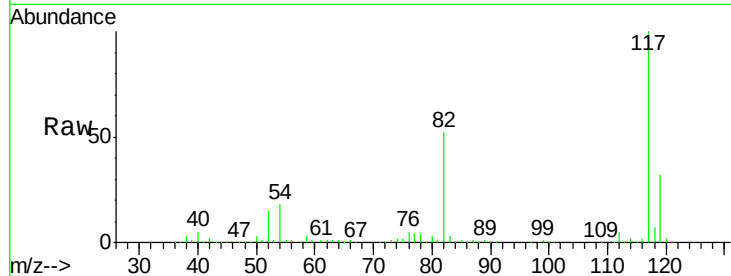
Abundance Ion 94.90 (94.60 to 95.60): V  
Ion 173.80 (173.50 to 174.50): V  
Ion 175.80 (175.50 to 176.50): V



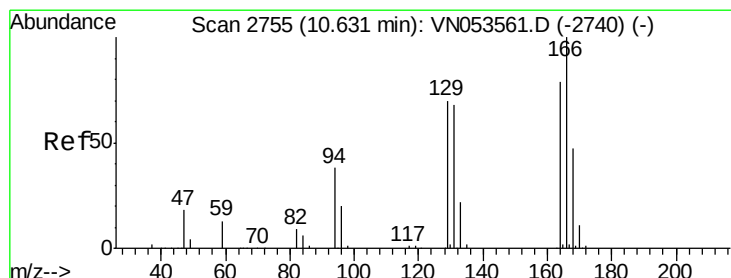
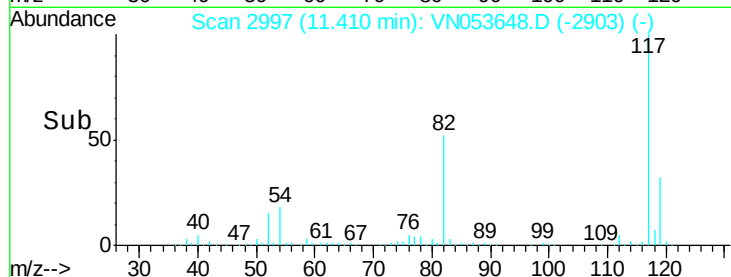
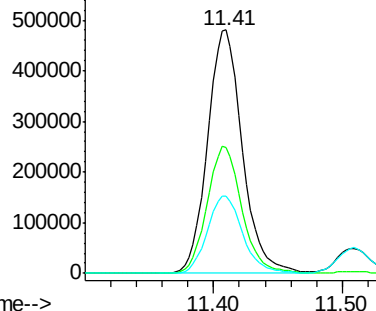


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2997  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

Tot Ion:117 Resp: 902262  
Ion Ratio Lower Upper  
117 100  
82 51.9 42.9 64.3  
119 31.9 26.0 39.0

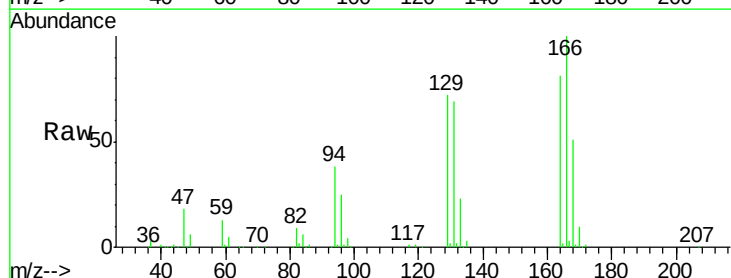


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

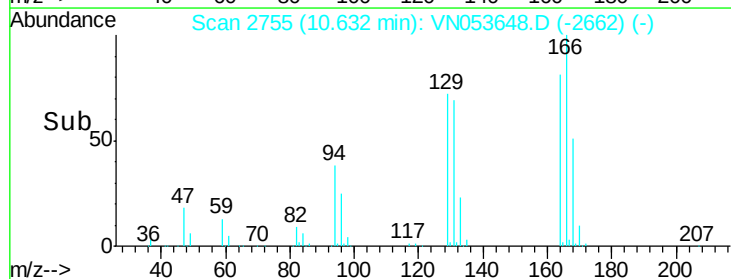
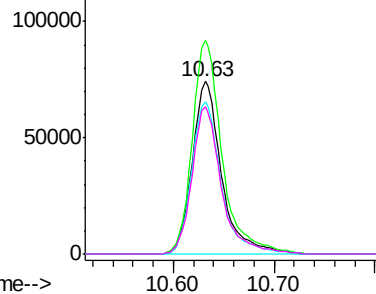


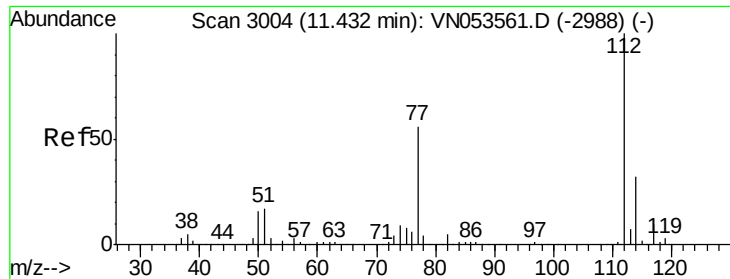
#64  
Tetrachloroethene  
Concen: 19.548 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

Tgt Ion:164 Resp: 151192  
Ion Ratio Lower Upper  
164 100  
166 123.7 102.2 153.4  
129 88.5 72.6 109.0  
131 85.3 69.5 104.3



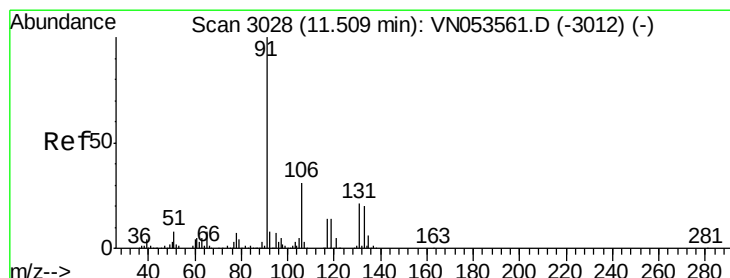
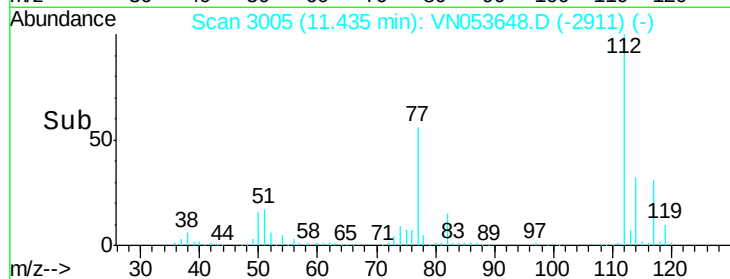
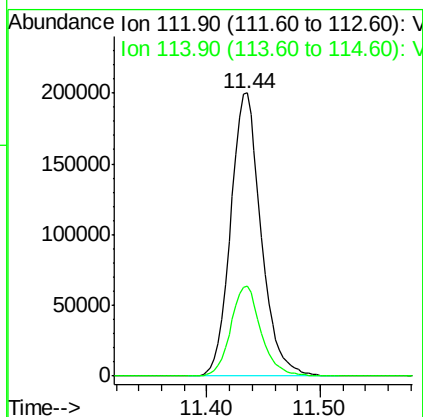
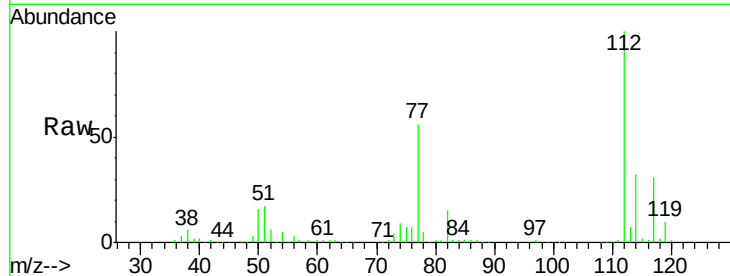
Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





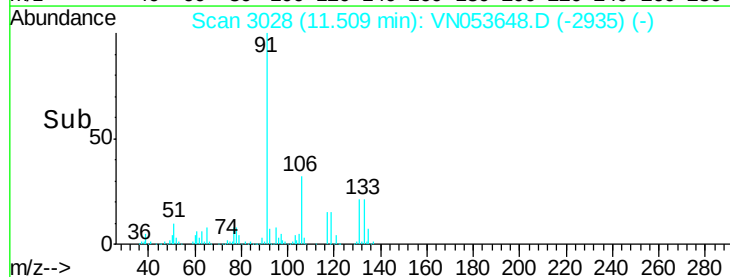
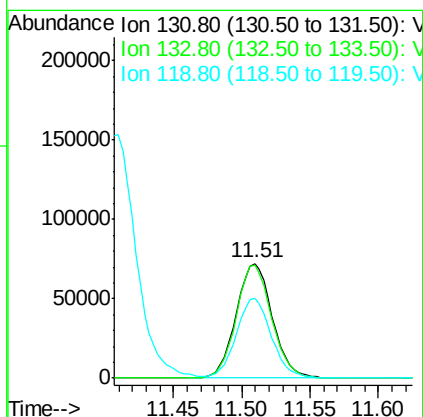
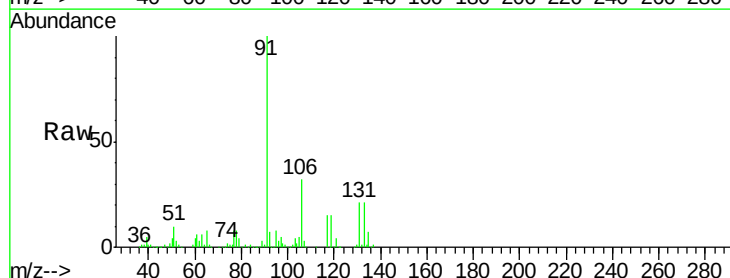
#65  
Chlorobenzene  
Concen: 19.546 ug/l  
RT: 11.44 min Scan# 3005  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

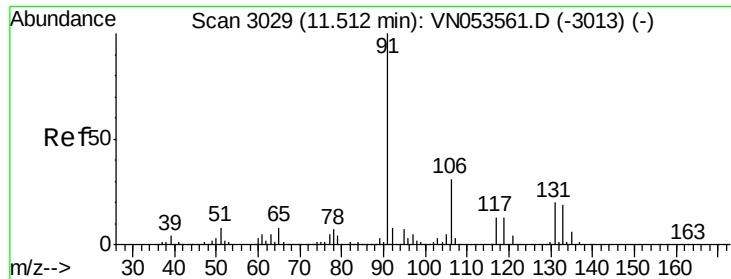
Tot Ion:112 Resp: 374604  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.906 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

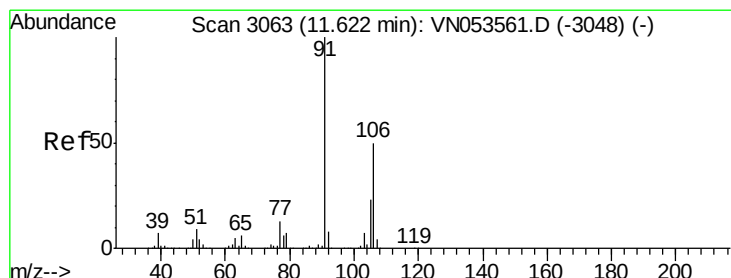
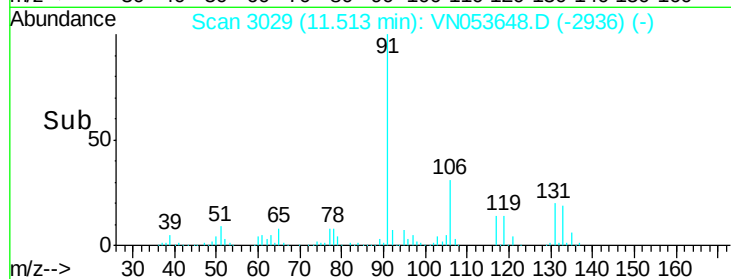
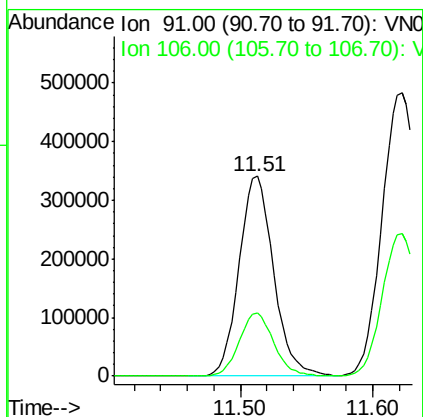
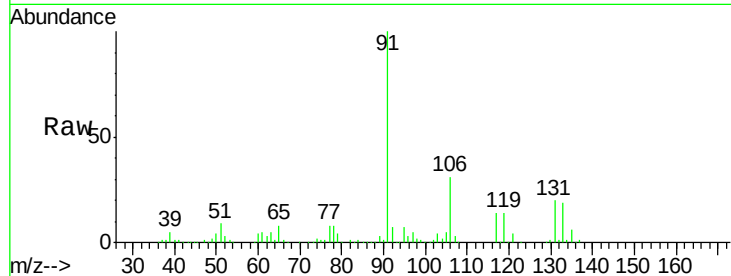
Tgt Ion:131 Resp: 133235  
Ion Ratio Lower Upper  
131 100  
133 96.5 48.0 144.0  
119 67.7 33.5 100.5





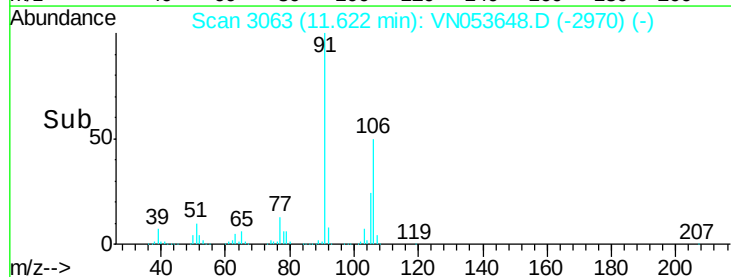
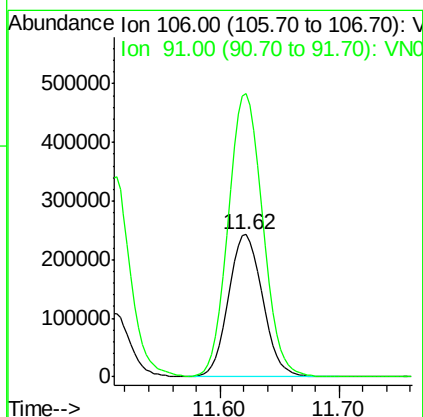
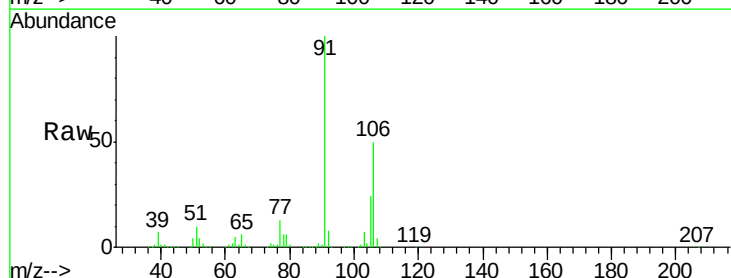
#67  
Ethyl Benzene  
Concen: 19.631 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

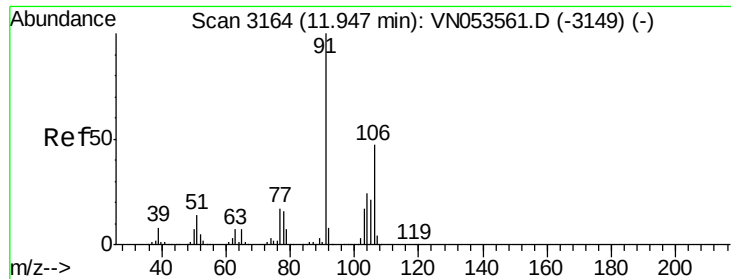
Tot Ion: 91 Resp: 618014  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.0 37.6



#68  
m/p-Xylenes  
Concen: 40.359 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

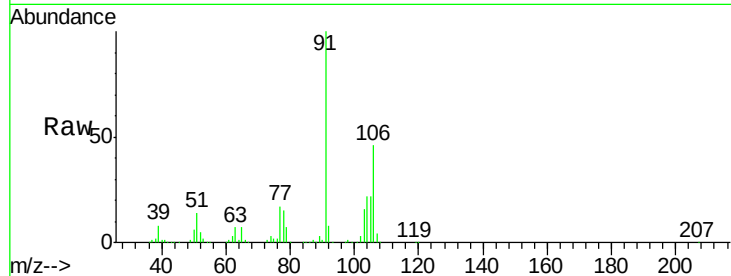
Tgt Ion: 106 Resp: 484942  
Ion Ratio Lower Upper  
106 100  
91 200.8 161.4 242.2



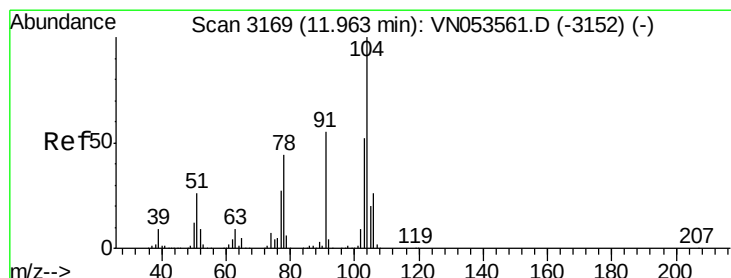
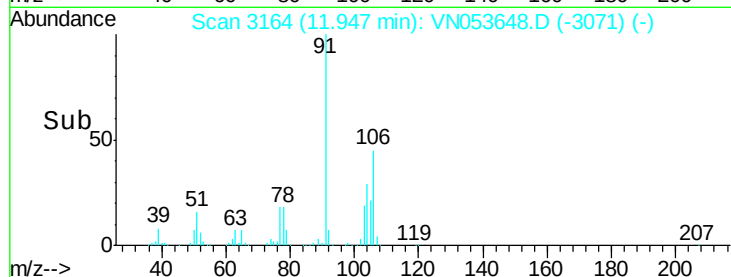
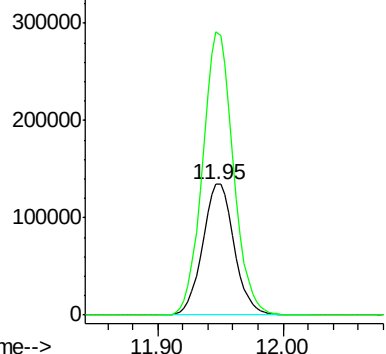


#69  
o-Xylene  
Concen: 20.190 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

Tot Ion:106 Resp: 234375  
Ion Ratio Lower Upper  
106 100  
91 210.4 106.9 320.8

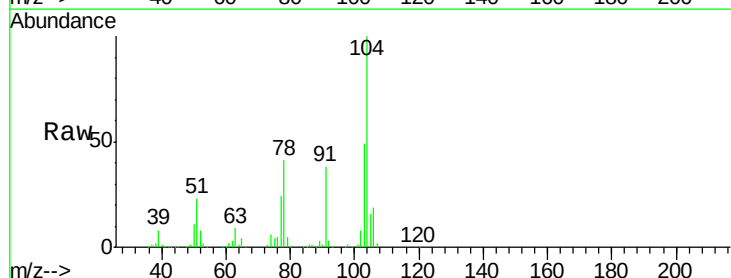


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN0

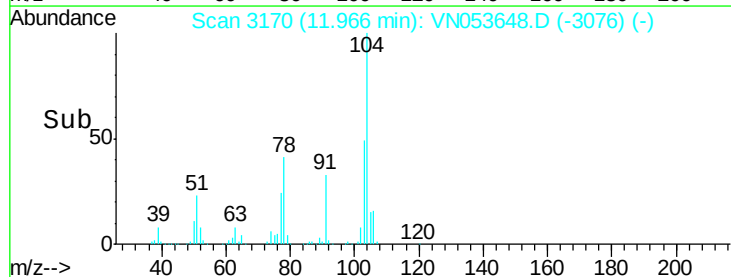
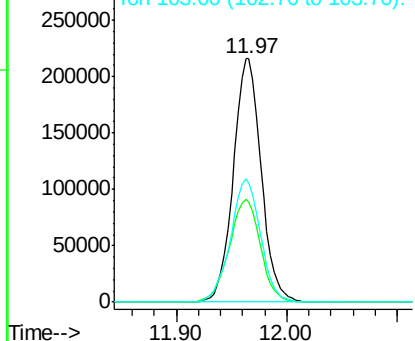


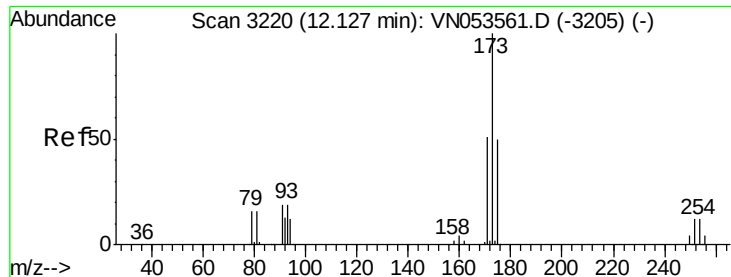
#70  
Styrene  
Concen: 20.125 ug/l  
RT: 11.97 min Scan# 3170  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

Tgt Ion:104 Resp: 378646  
Ion Ratio Lower Upper  
104 100  
78 47.2 38.2 57.2  
103 54.6 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VN0  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.262 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

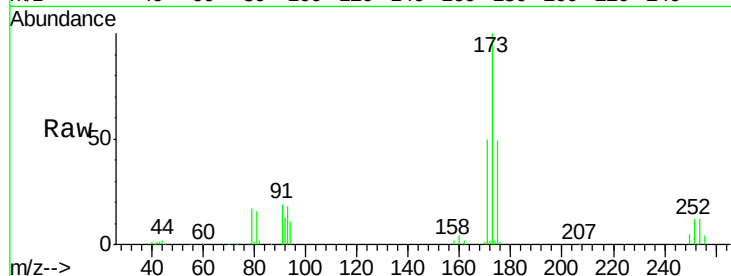
Tot Ion:173 Resp: 92977

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 173 | 100   |       |       |
| 175 | 47.8  | 24.6  | 74.0  |
| 254 | 0.0   | 0.2   | 0.2   |

173 100

175 47.8 24.6 74.0

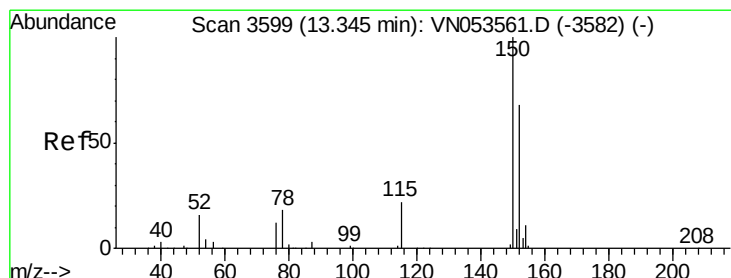
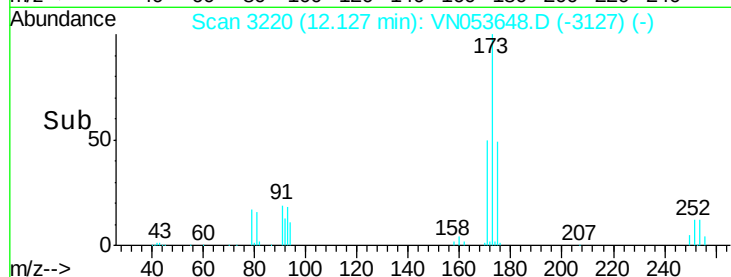
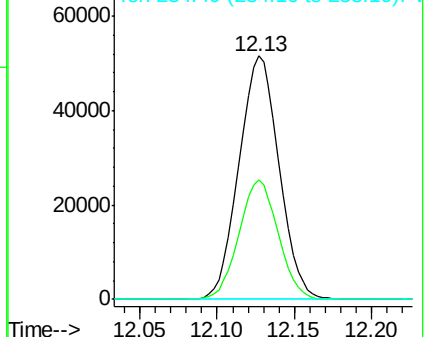
254 0.0 0.2 0.2#



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

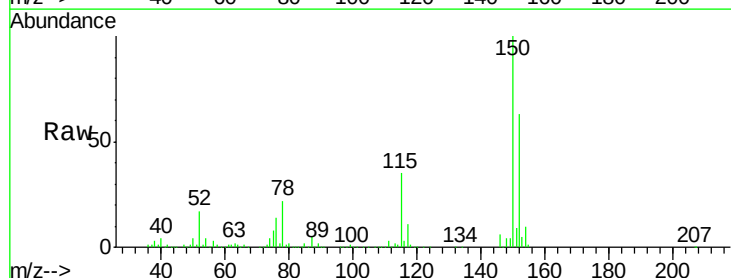
Tgt Ion:152 Resp: 433557

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 55.9  | 27.8  | 83.4  |
| 150 | 164.1 | 0.0   | 349.0 |

152 100

115 55.9 27.8 83.4

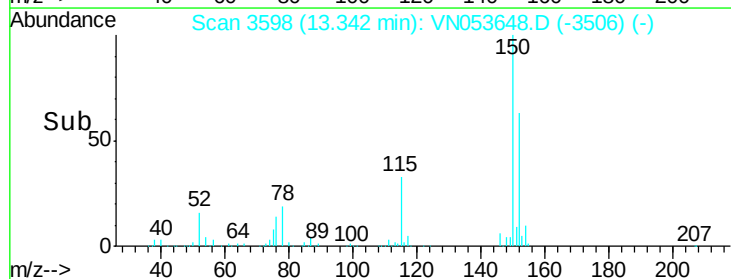
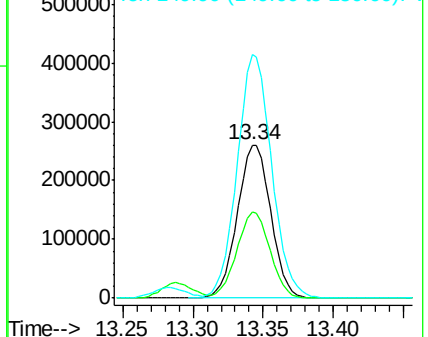
150 164.1 0.0 349.0



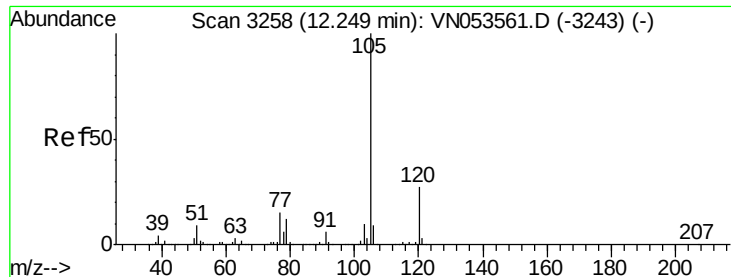
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 20.440 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053648.D

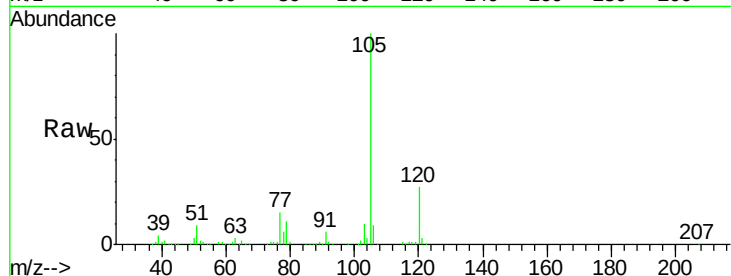
Acq: 7 Feb 2019 11:52

Tot Ion:105 Resp: 622981

Ion Ratio Lower Upper

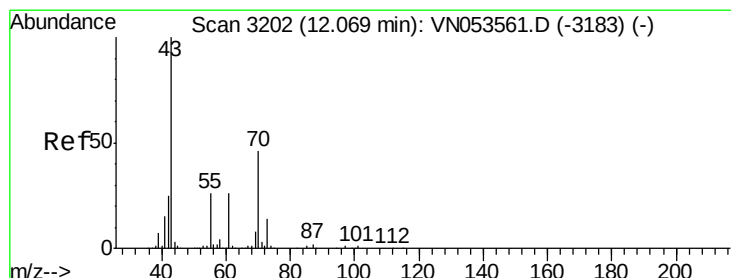
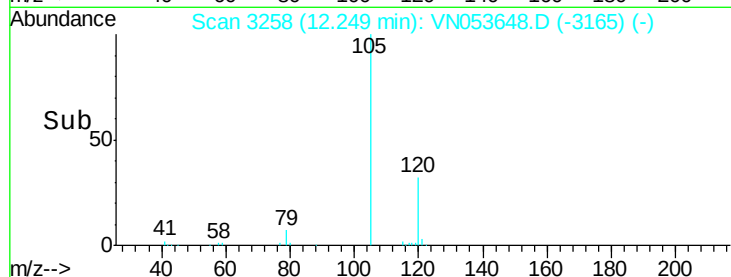
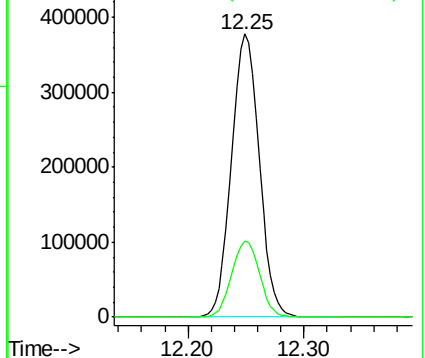
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.264 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tgt Ion: 43 Resp: 141187

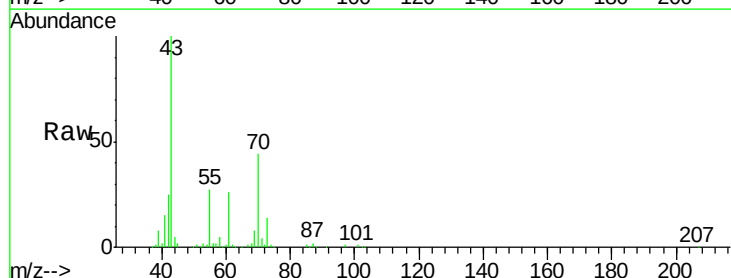
Ion Ratio Lower Upper

43 100

70 44.8 35.4 53.2

55 27.1 20.9 31.3

61 25.8 20.5 30.7

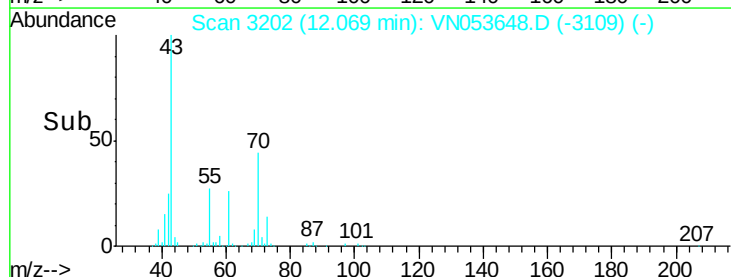
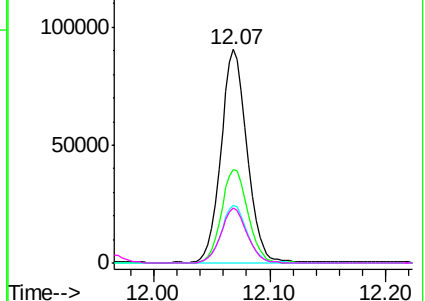


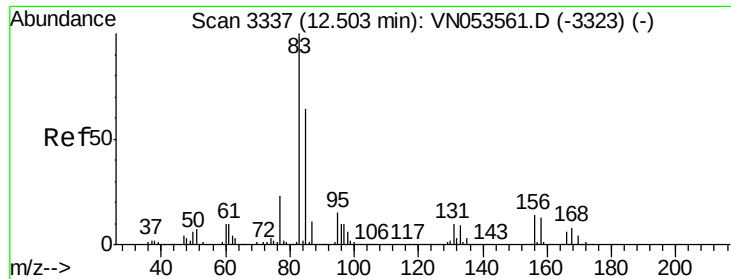
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.221 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

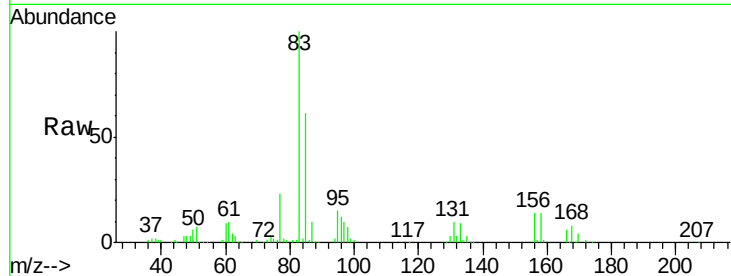
Tot Ion: 83 Resp: 140205

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 10.3  | 5.3   | 15.8  |
| 85  | 63.2  | 32.1  | 96.3  |

83 100

131 10.3 5.3 15.8

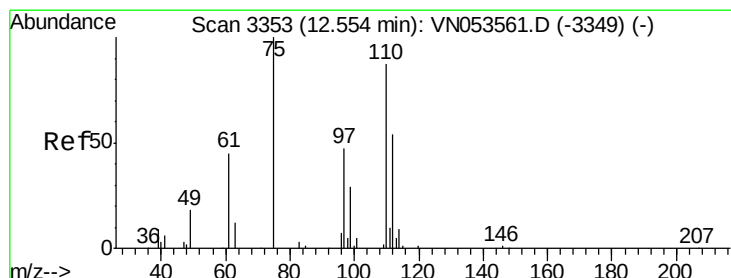
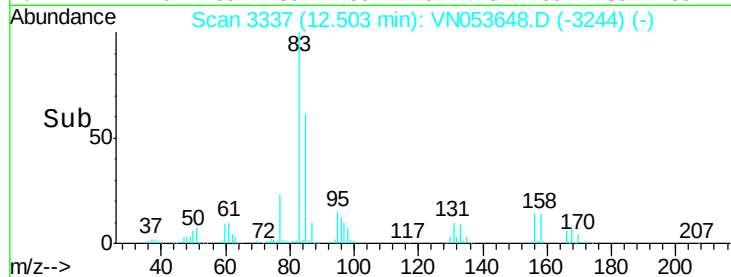
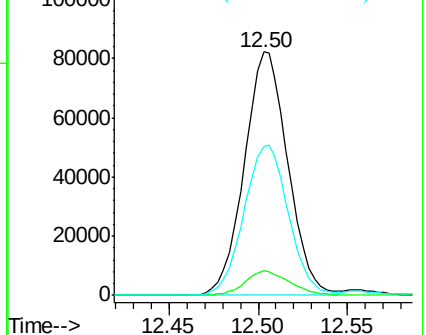
85 63.2 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 20.721 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053648.D

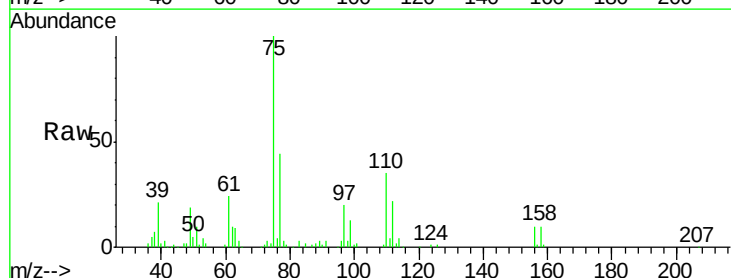
Acq: 7 Feb 2019 11:52

Tgt Ion: 75 Resp: 115389

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 0.0   | 0.0   | 0.0   |

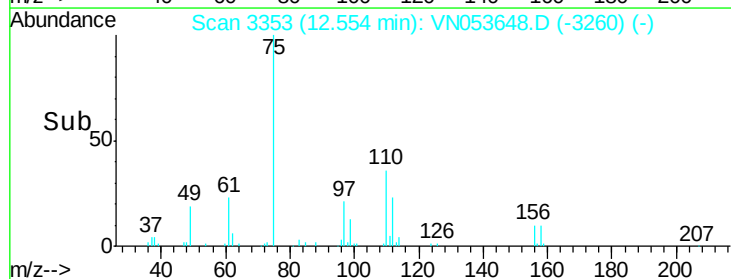
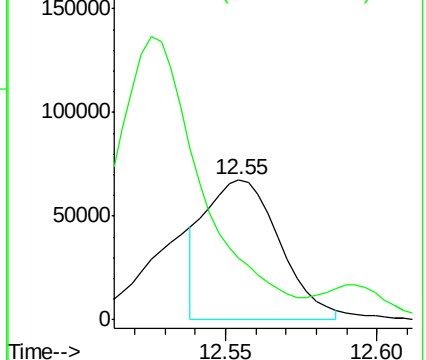
75 100

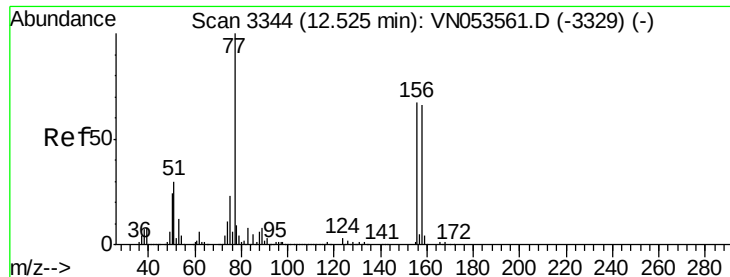
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.792 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

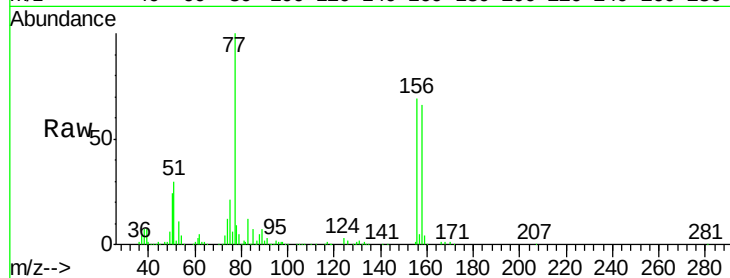
Tot Ion:156 Resp: 162574

Ion Ratio Lower Upper

156 100

77 170.3 87.9 263.8

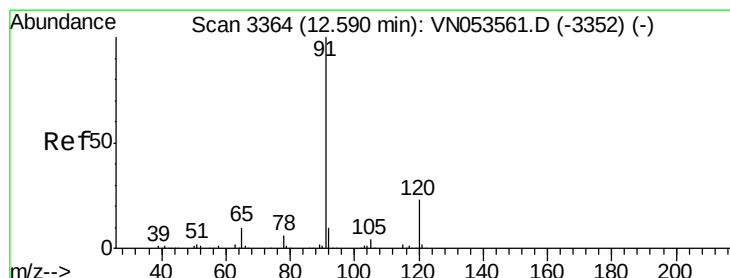
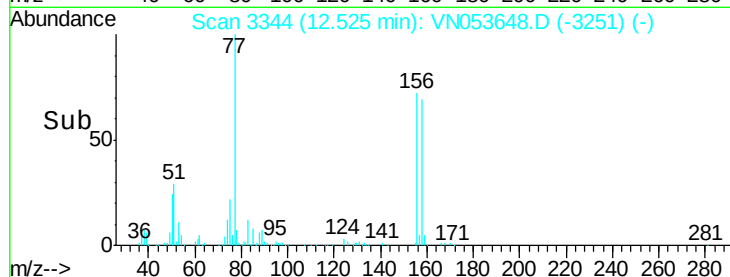
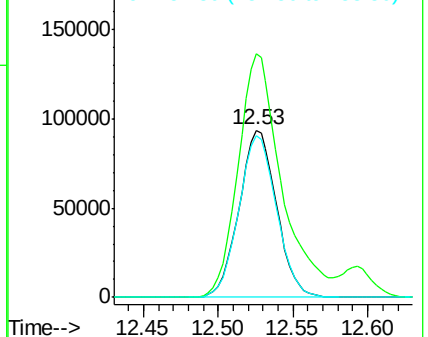
158 98.0 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.408 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053648.D

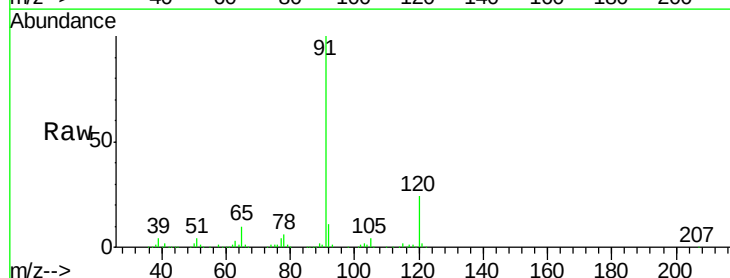
Acq: 7 Feb 2019 11:52

Tgt Ion: 91 Resp: 719030

Ion Ratio Lower Upper

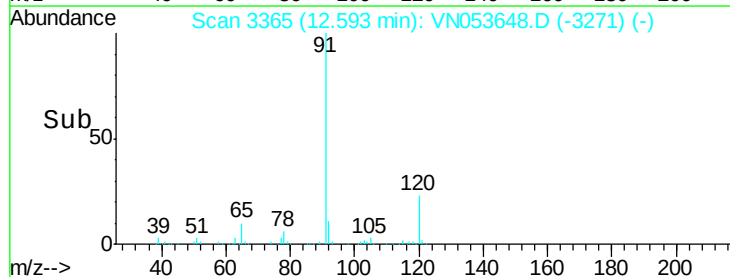
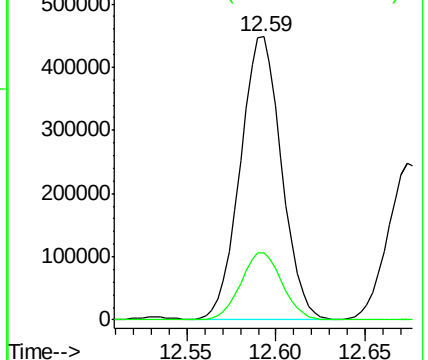
91 100

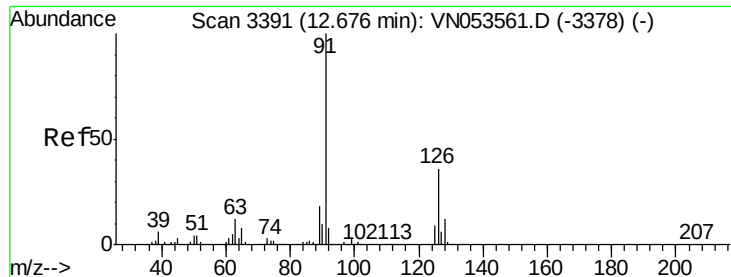
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.179 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053648.D

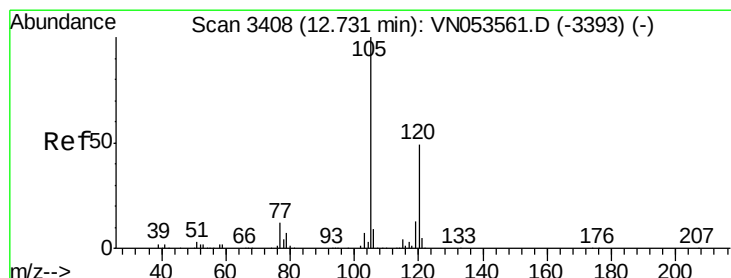
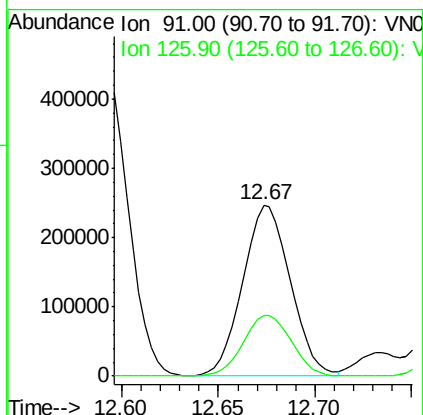
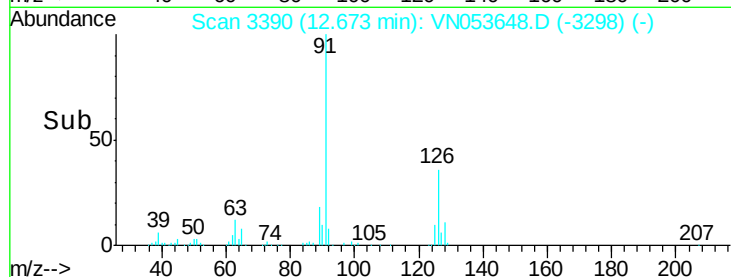
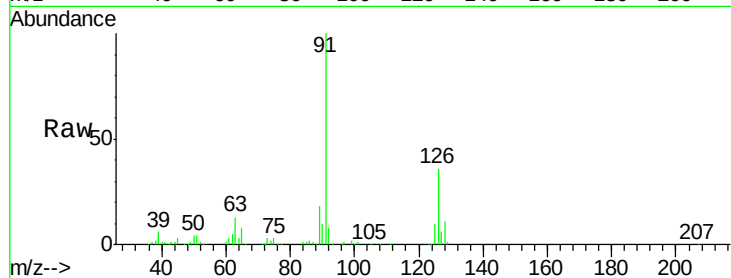
Acq: 7 Feb 2019 11:52

Tot Ion: 91 Resp: 421818

Ion Ratio Lower Upper

91 100

126 36.0 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 21.046 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053648.D

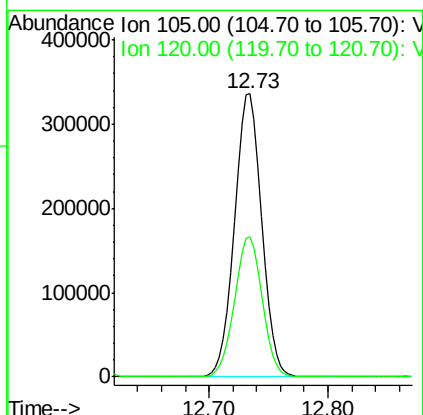
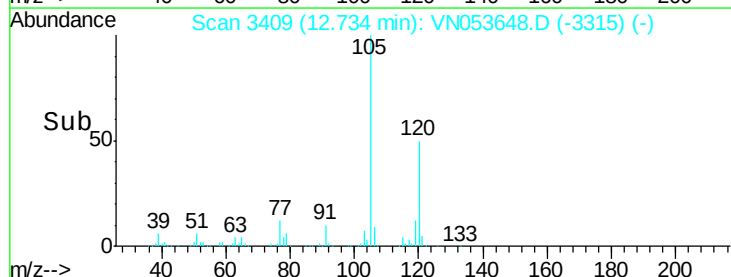
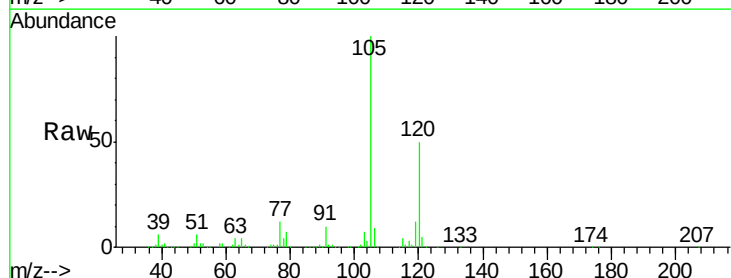
Acq: 7 Feb 2019 11:52

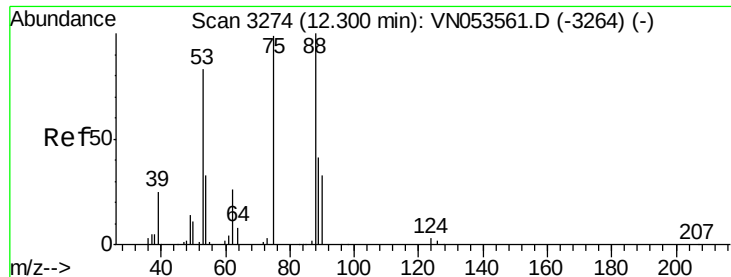
Tgt Ion: 105 Resp: 531926

Ion Ratio Lower Upper

105 100

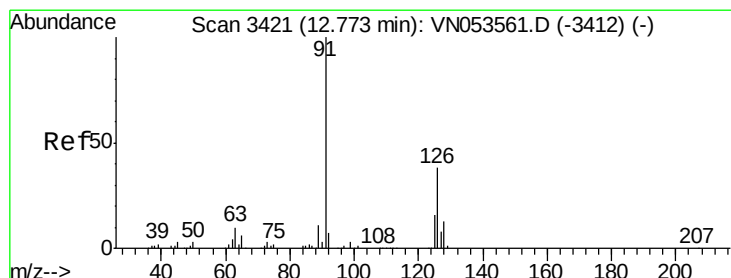
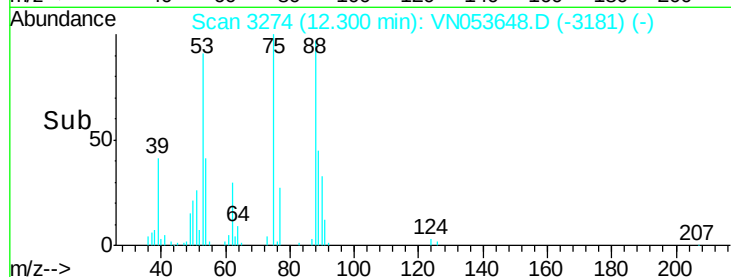
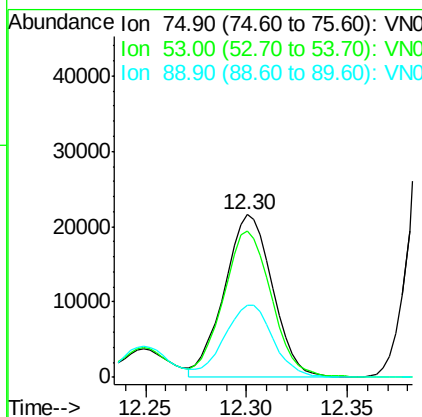
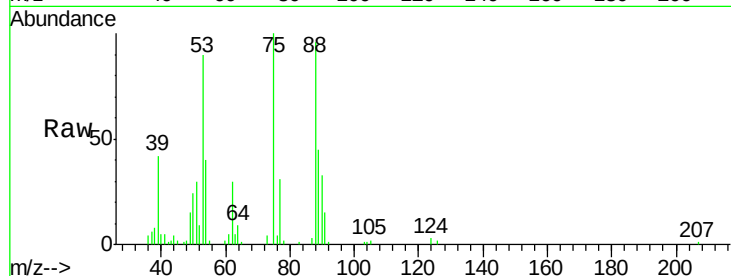
120 50.3 24.9 74.6





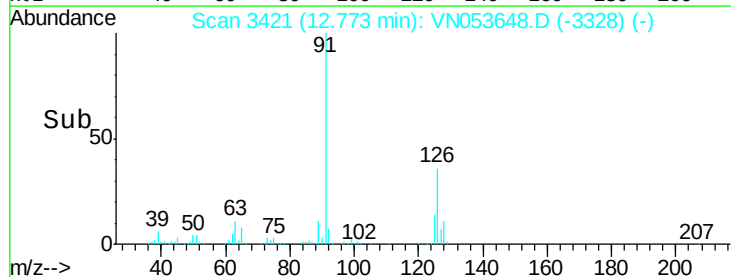
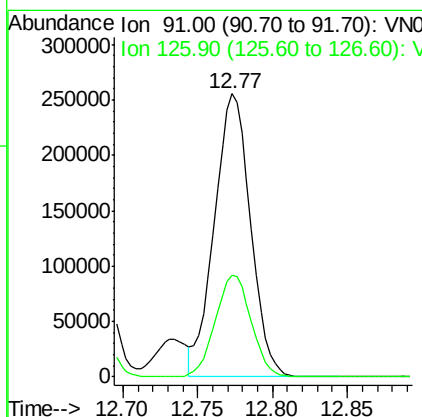
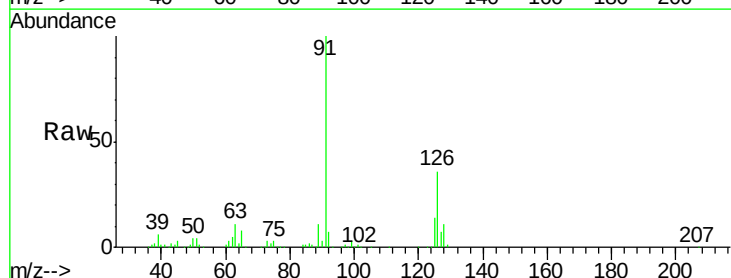
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.261 ug/l  
RT: 12.30 min Scan# 3274  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

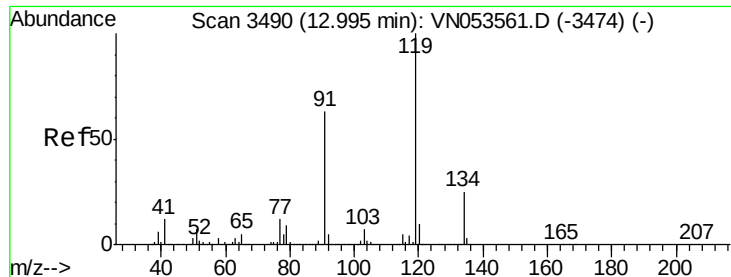
Tot Ion: 75 Resp: 36164  
Ion Ratio Lower Upper  
75 100  
53 90.1 69.8 104.6  
89 44.4 35.6 53.4



#82  
4-Chlorotoluene  
Concen: 20.011 ug/l  
RT: 12.77 min Scan# 3421  
Delta R.T. 0.00 min  
Lab File: VN053648.D  
Acq: 7 Feb 2019 11:52

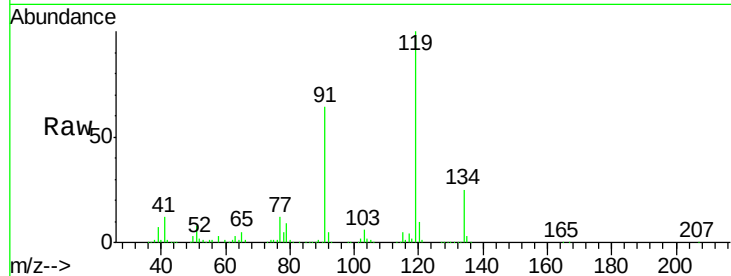
Tgt Ion: 91 Resp: 429222  
Ion Ratio Lower Upper  
91 100  
126 35.7 17.6 52.9



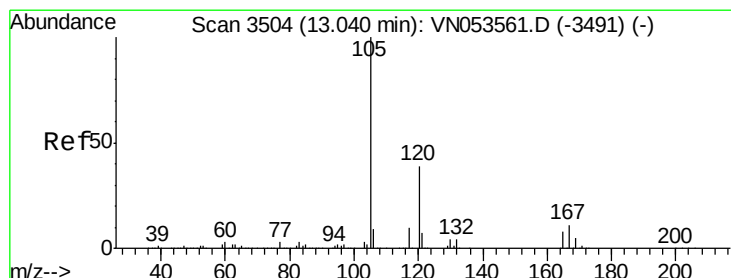
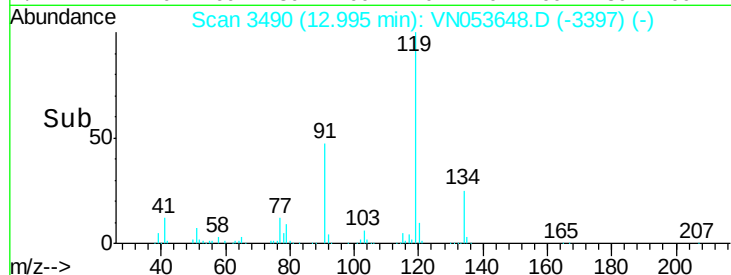
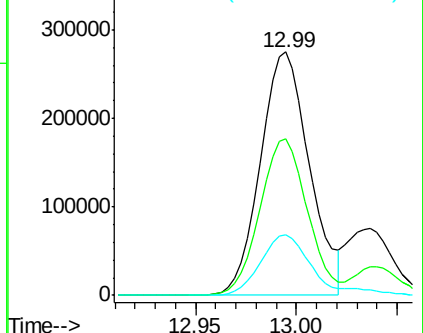


#83  
 tert-Butylbenzene  
 Concen: 20.851 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN053648.D  
 Acq: 7 Feb 2019 11:52

Tot Ion:119 Resp: 465772  
 Ion Ratio Lower Upper  
 119 100  
 91 62.0 31.3 93.8  
 134 26.3 12.9 38.7

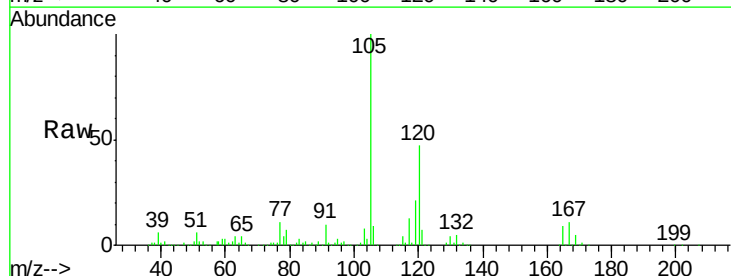


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

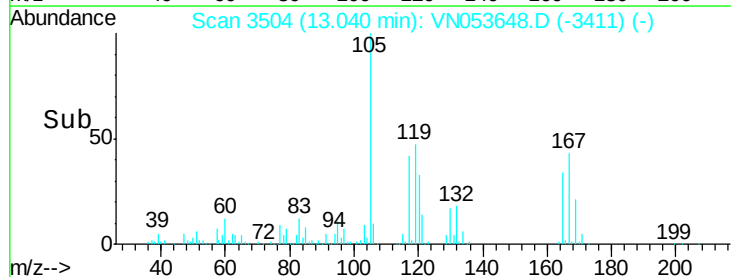
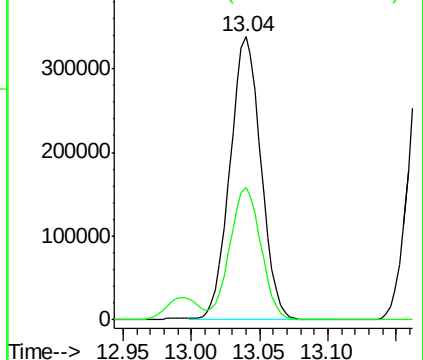


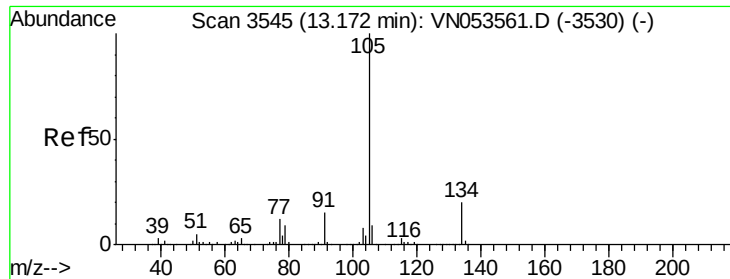
#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.665 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN053648.D  
 Acq: 7 Feb 2019 11:52

Tgt Ion:105 Resp: 532121  
 Ion Ratio Lower Upper  
 105 100  
 120 47.3 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.107 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053648.D

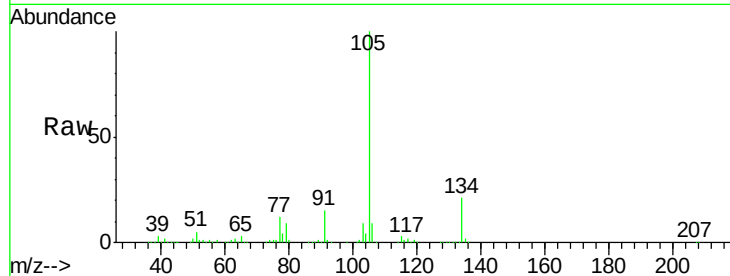
Acq: 7 Feb 2019 11:52

Tot Ion:105 Resp: 641613

Ion Ratio Lower Upper

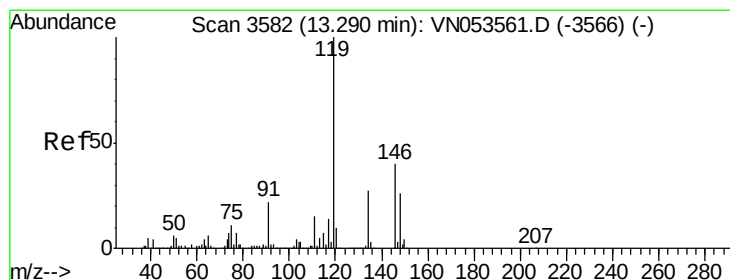
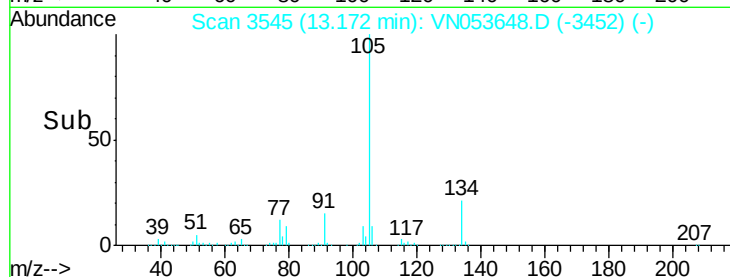
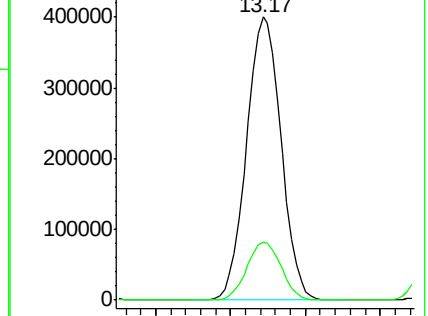
105 100

134 20.5 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.102 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

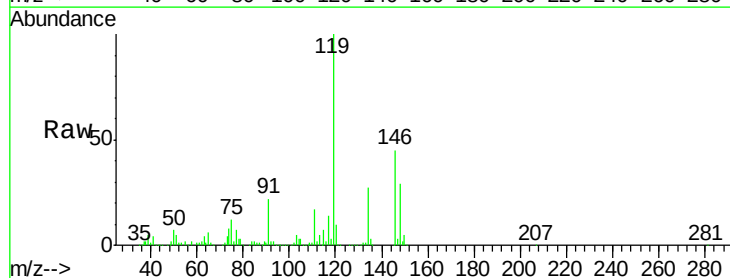
Tgt Ion:119 Resp: 561005

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

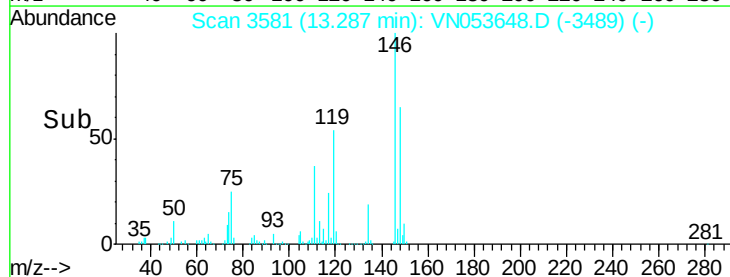
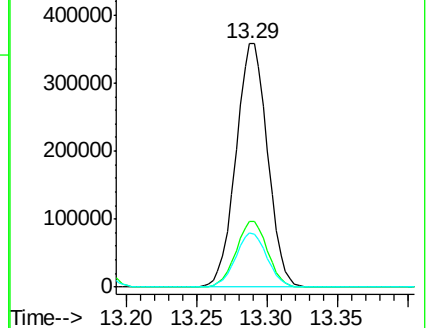
91 22.3 11.0 33.0

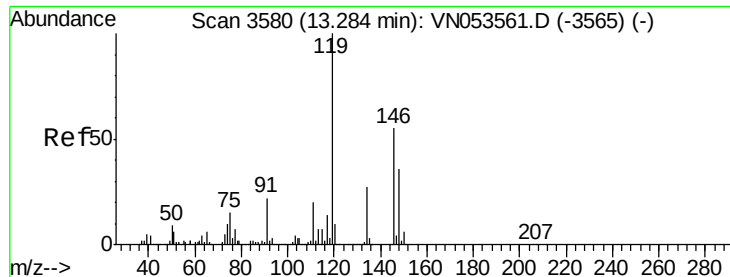


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.600 ug/l

RT: 13.28 min Scan# 3580

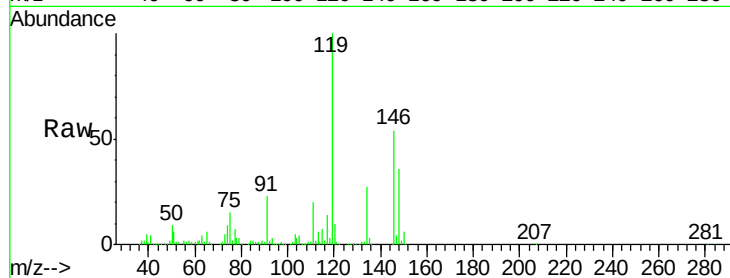
Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tot Ion:146 Resp: 289425

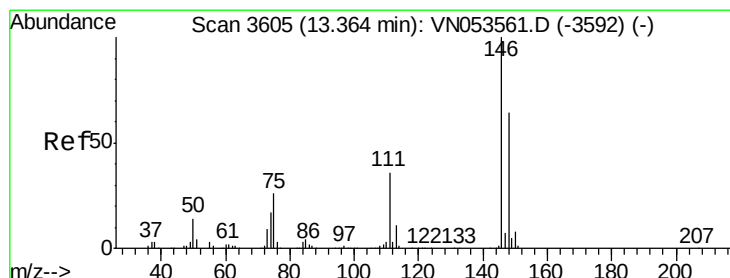
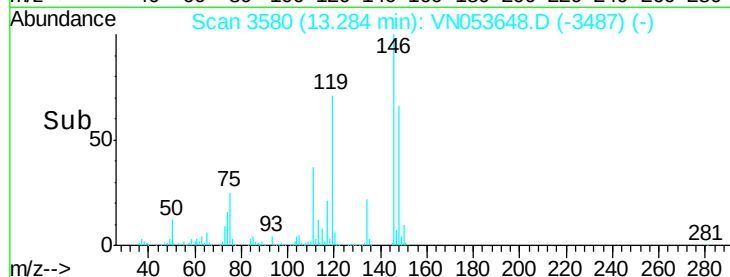
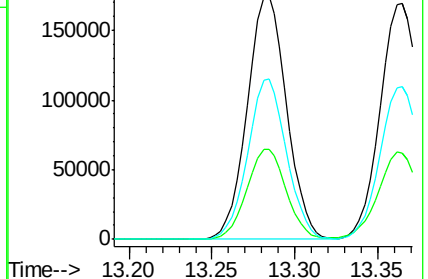
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 37.1  | 18.8  | 56.3  |
| 148 | 64.7  | 32.0  | 96.2  |



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



#88

1,4-Dichlorobenzene

Concen: 19.487 ug/l

RT: 13.36 min Scan# 3605

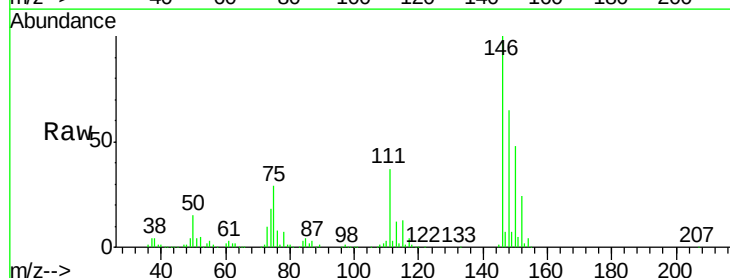
Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tgt Ion:146 Resp: 284633

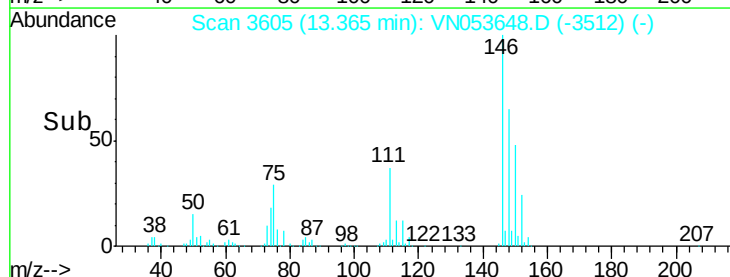
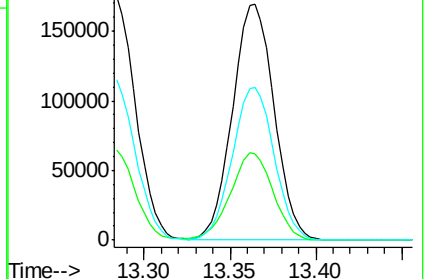
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 37.9  | 18.6  | 55.8  |
| 148 | 65.1  | 32.4  | 97.0  |



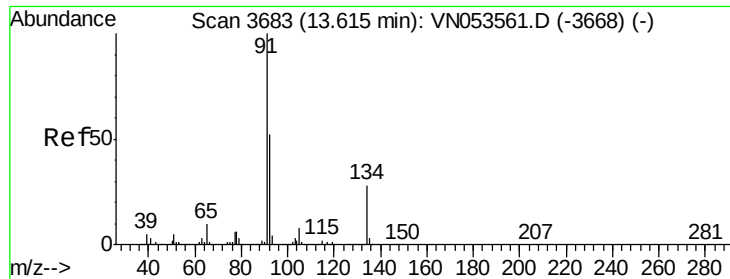
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V







#89

n-Butylbenzene

Concen: 20.616 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

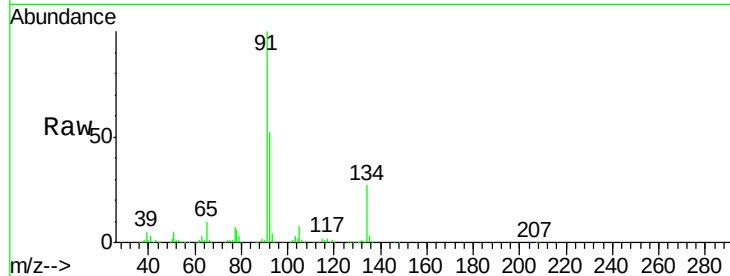
Tot Ion: 91 Resp: 474390

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 52.0  | 26.3  | 78.8  |
| 134 | 26.9  | 13.5  | 40.5  |

91 100

92 52.0 26.3 78.8

134 26.9 13.5 40.5

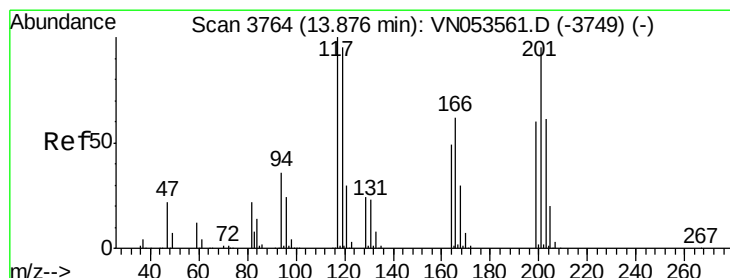
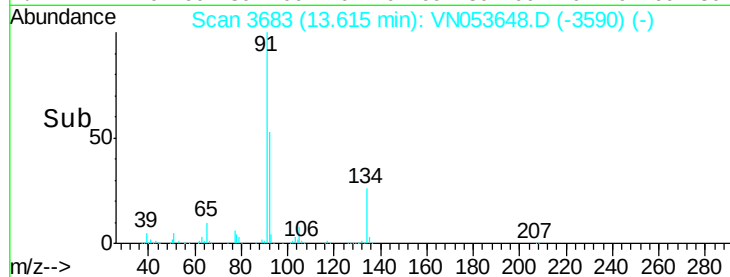
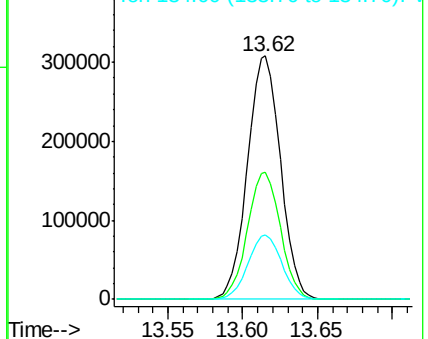


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): VN0



#90

Hexachloroethane

Concen: 21.190 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053648.D

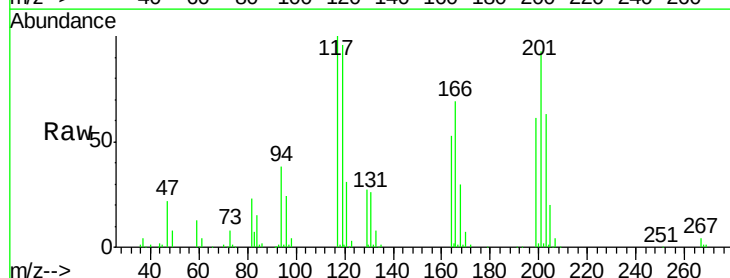
Acq: 7 Feb 2019 11:52

Tgt Ion: 117 Resp: 92920

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 92.6  | 46.8  | 140.4 |

117 100

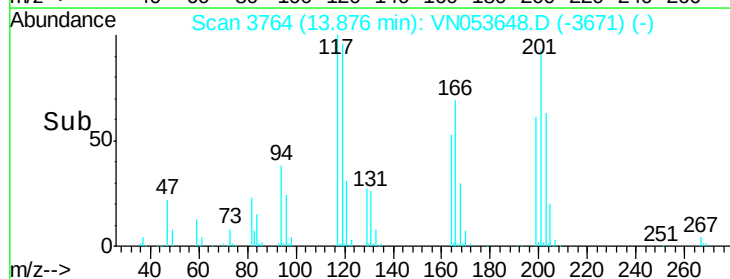
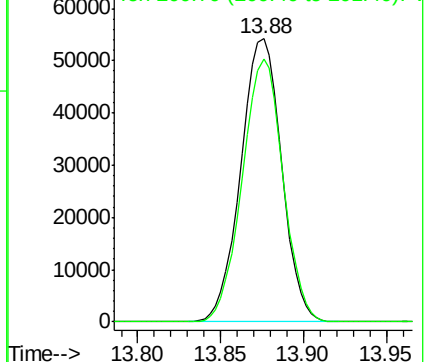
201 92.6 46.8 140.4

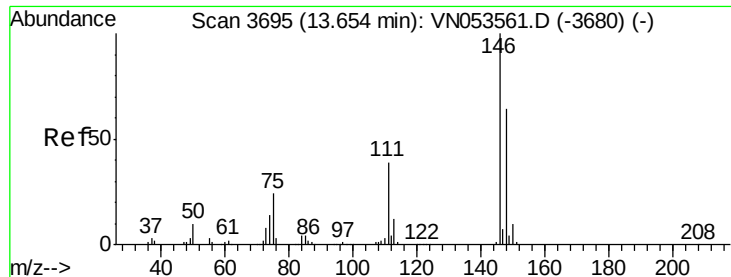


Abundance

Ion 116.80 (116.50 to 117.50): VN0

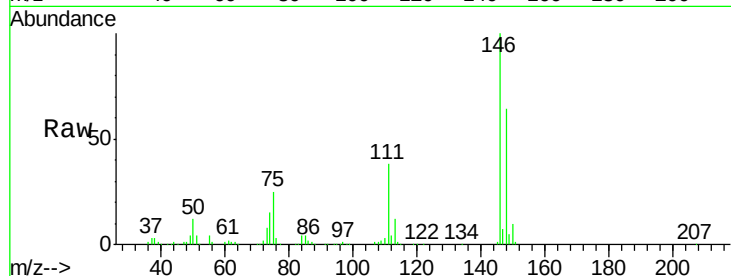
Ion 200.70 (200.40 to 201.40): VN0



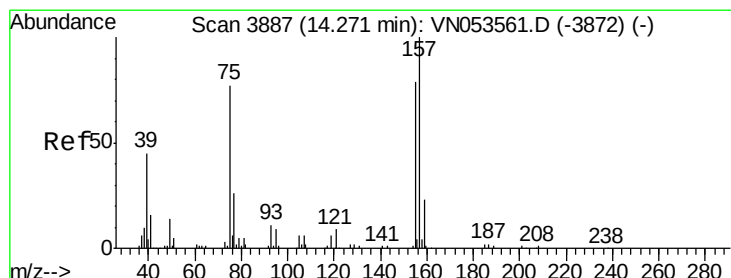
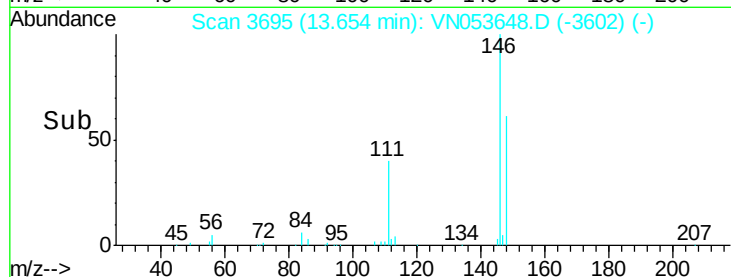
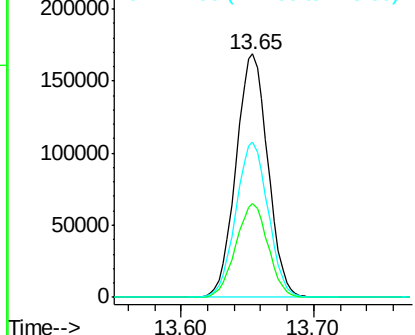


#91  
 1,2-Dichlorobenzene  
 Concen: 19.890 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN053648.D  
 Acq: 7 Feb 2019 11:52

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.7  | 19.5  | 58.5  |
| 148     | 64.4  | 31.9  | 95.9  |

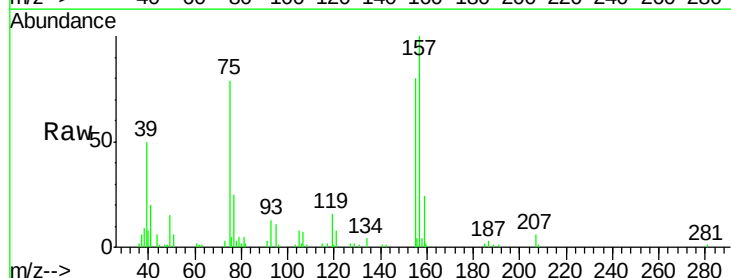


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

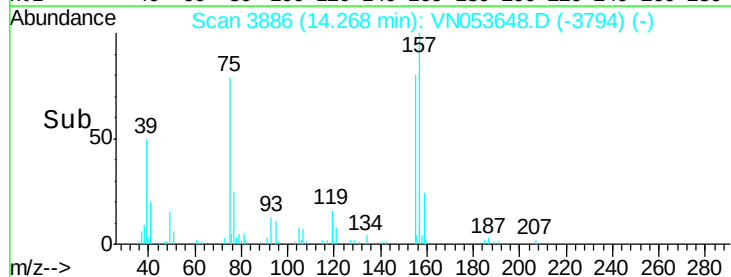
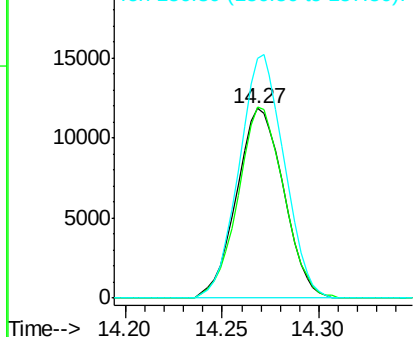


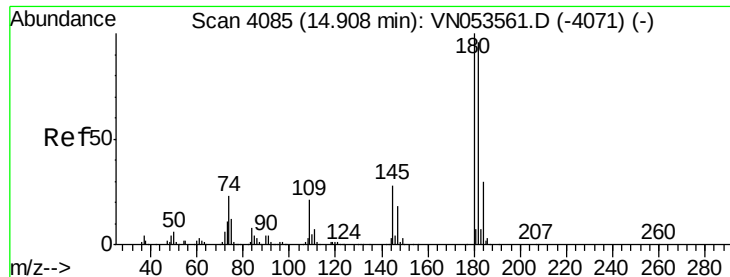
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.220 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. -0.00 min  
 Lab File: VN053648.D  
 Acq: 7 Feb 2019 11:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 98.1  | 48.9  | 146.7 |
| 157     | 123.6 | 63.7  | 191.3 |



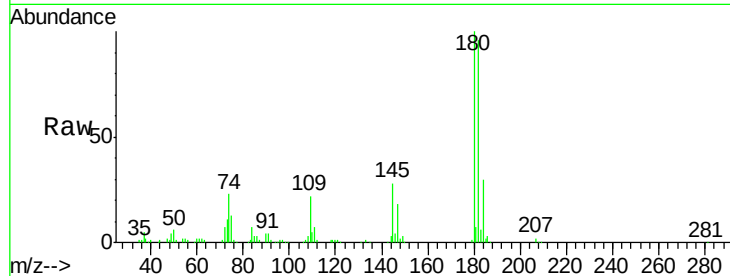
Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 154.80 (154.50 to 155.50): V  
 Ion 156.80 (156.50 to 157.50): V



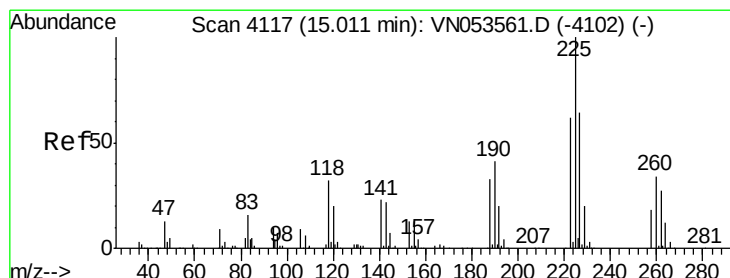
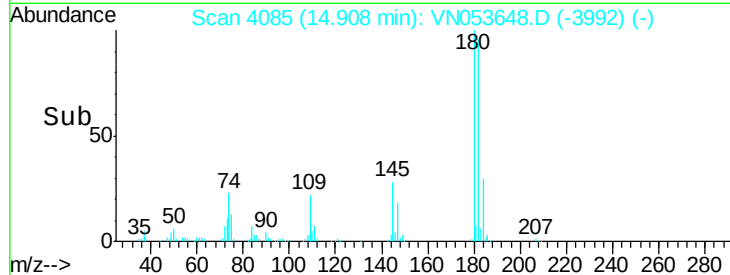
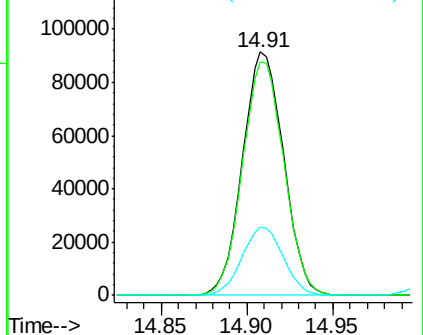


#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.737 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN053648.D  
 Acq: 7 Feb 2019 11:52

Tot Ion:180 Resp: 151914  
 Ion Ratio Lower Upper  
 180 100  
 182 96.7 48.1 144.3  
 145 28.1 13.9 41.6

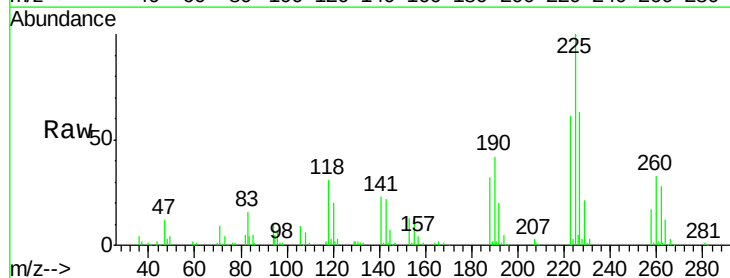


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

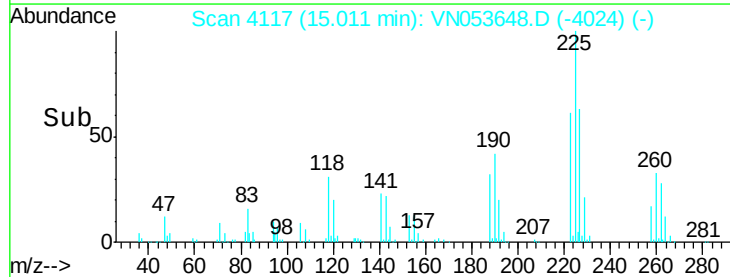
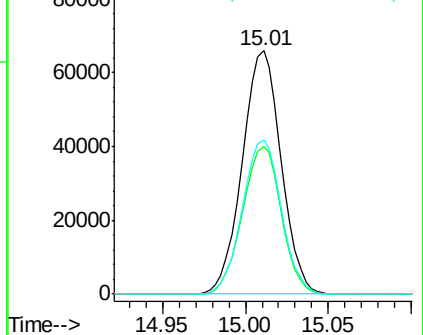


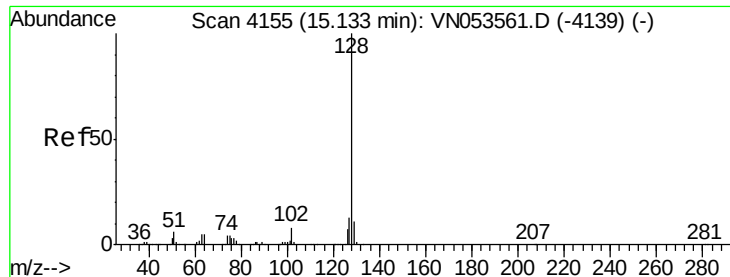
#94  
 Hexachlorobutadiene  
 Concen: 21.341 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN053648.D  
 Acq: 7 Feb 2019 11:52

Tgt Ion:225 Resp: 107755  
 Ion Ratio Lower Upper  
 225 100  
 223 60.3 31.1 93.2  
 227 63.3 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.700 ug/l

RT: 15.13 min Scan# 4155

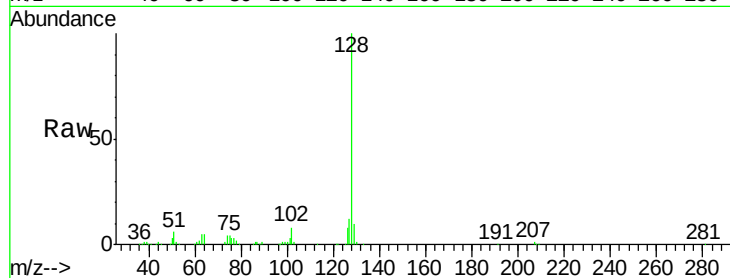
Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tot Ion:128 Resp: 295245

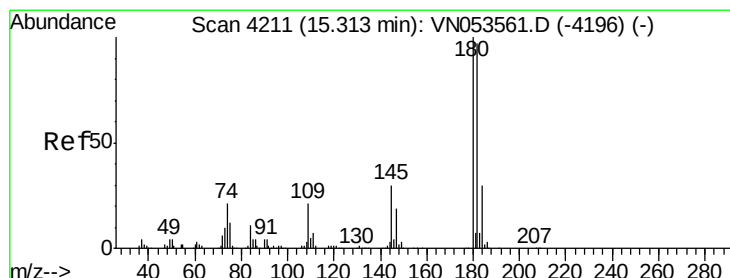
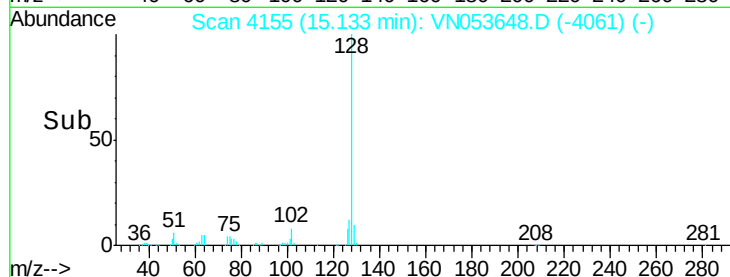
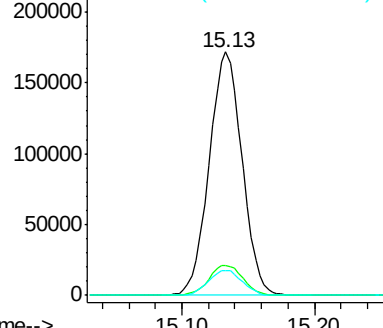
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.8  | 10.3  | 15.5  |
| 129 | 10.6  | 8.6   | 13.0  |



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.743 ug/l

RT: 15.31 min Scan# 4211

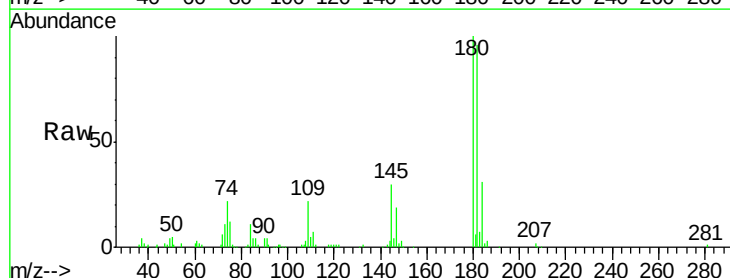
Delta R.T. 0.00 min

Lab File: VN053648.D

Acq: 7 Feb 2019 11:52

Tgt Ion:180 Resp: 140998

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 96.0  | 47.9  | 143.8 |
| 145 | 29.6  | 14.7  | 44.1  |



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

