

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN072418\  
 Data File : VN050015.D  
 Acq On : 23 Jul 2018 19:37  
 Operator : MD\SY  
 Sample : VSTDICC150  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 24 05:53:20 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 24 05:50:19 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 717581   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1054328  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1001169  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 547769   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 1390811  | 141.01 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 282.02% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 1232903  | 139.28 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 278.56% |      |
| 50) Toluene-d8            | 10.09  | 98  | 4794324  | 148.80 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 297.60% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 1706703  | 154.83 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 309.66% |      |

## Target Compounds

|                               |      |     |          |         |        | Qvalue |
|-------------------------------|------|-----|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 1569887  | 186.587 | ug/l   | 99     |
| 3) Chloromethane              | 2.05 | 50  | 1590600  | 156.789 | ug/l   | 100    |
| 4) Vinyl Chloride             | 2.18 | 62  | 1652633  | 153.632 | ug/l   | 98     |
| 5) Bromomethane               | 2.53 | 94  | 967644   | 140.971 | ug/l   | 99     |
| 6) Chloroethane               | 2.68 | 64  | 941750   | 136.256 | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 2046445  | 140.183 | ug/l   | 100    |
| 8) Diethyl Ether              | 3.41 | 74  | 744991   | 147.476 | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101 | 1222831  | 136.445 | ug/l   | 100    |
| 10) Methyl Iodide             | 3.95 | 142 | 1837875  | 153.972 | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.81 | 59  | 580441   | 819.135 | ug/l # | 86     |
| 12) 1,1-Dichloroethene        | 3.72 | 96  | 1161198  | 146.994 | ug/l   | 96     |
| 13) Acrolein                  | 3.61 | 56  | 471470   | 982.619 | ug/l   | 98     |
| 14) Allyl chloride            | 4.32 | 41  | 1955690  | 157.914 | ug/l   | 98     |
| 15) Acrylonitrile             | 4.99 | 53  | 2446281  | 789.111 | ug/l   | 99     |
| 16) Acetone                   | 3.82 | 43  | 1755980  | 682.989 | ug/l   | 100    |
| 17) Carbon Disulfide          | 4.04 | 76  | 3608285  | 151.929 | ug/l   | 100    |
| 18) Methyl Acetate            | 4.33 | 43  | 1348793  | 137.082 | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 3413712  | 158.520 | ug/l   | 99     |
| 20) Methylene Chloride        | 4.55 | 84  | 1311253  | 134.081 | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96  | 1244557  | 149.305 | ug/l   | 99     |
| 22) Diisopropyl ether         | 5.96 | 45  | 3971319  | 158.154 | ug/l   | 98     |
| 23) Vinyl Acetate             | 5.90 | 43  | 14462840 | 821.910 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 2301008  | 142.026 | ug/l   | 100    |
| 25) 2-Butanone                | 6.84 | 43  | 2934897  | 798.915 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 6.83 | 77  | 1713307  | 136.440 | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 1410064  | 154.627 | ug/l   | 100    |
| 28) Bromochloromethane        | 7.20 | 49  | 1055445  | 145.306 | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.22 | 42  | 1913019  | 827.741 | ug/l   | 100    |
| 30) Chloroform                | 7.37 | 83  | 2302587  | 138.935 | ug/l   | 99     |
| 31) Cyclohexane               | 7.65 | 56  | 2075361  | 136.768 | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 2028162  | 141.343 | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.80 | 75  | 1817521  | 154.178 | ug/l   | 100    |
| 37) Ethyl Acetate             | 6.94 | 43  | 1271190  | 157.587 | ug/l   | 100    |
| 38) Carbon Tetrachloride      | 7.78 | 117 | 1821853  | 144.190 | ug/l   | 100    |

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Quant Time: Jul 24 05:53:20 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 24 05:50:19 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| -----                          |       |      |          |          |        |          |
| 39) Methylcyclohexane          | 9.08  | 83   | 2034699  | 166.815  | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 5404165  | 150.138  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 680224   | 171.875  | ug/l # | 83       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 1704444  | 143.366  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.17  | 43   | 2313699  | 162.969  | ug/l # | 88       |
| 44) Trichloroethene            | 8.84  | 130  | 1401265  | 148.621  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 1406161  | 145.373  | ug/l   | 97       |
| 46) Dibromomethane             | 9.21  | 93   | 864075   | 143.966  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.41  | 83   | 1830758  | 147.652  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.20  | 41   | 1195529  | 167.813  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 324928   | 3271.110 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 6514510  | 824.662  | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 3393814  | 158.545  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 1998215  | 163.432  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 2188542  | 161.652  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 1251450  | 141.973  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 1780813  | 174.053  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 2113723  | 151.978  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 4124626  | 883.518  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.76 | 43   | 4560130  | 860.672  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 1469091  | 152.064  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 1297661  | 157.193  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 1304383  | 142.413  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.44 | 112  | 3699607  | 146.440  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 1386742  | 141.813  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 6575011  | 160.482  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 4988228  | 322.005  | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 2405357  | 161.753  | ug/l   | 99       |
| 70) Styrene                    | 11.97 | 104  | 3955849  | 164.968  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 1081212  | 155.158  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 6409637  | 153.103  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 2061845  | 162.170  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 1660848  | 132.715  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.56 | 75   | 2134925  | 208.342  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 1659173  | 143.573  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.60 | 91   | 7359149  | 154.721  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 4343301  | 148.752  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 5203578  | 155.274  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 528030   | 160.394  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 4463190  | 152.454  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.00 | 119  | 4480576  | 152.647  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 5361248  | 157.980  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 6092583  | 156.822  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 5352723  | 161.592  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 2953721  | 146.923  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.37 | 146  | 2893542  | 143.722  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.62 | 91   | 4614983  | 168.987  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 1002673  | 135.018  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 2819695  | 142.753  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 280930   | 144.246  | ug/l   | 97       |

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Sample : VSTDICC150  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 7 Sample Multiplier: 1

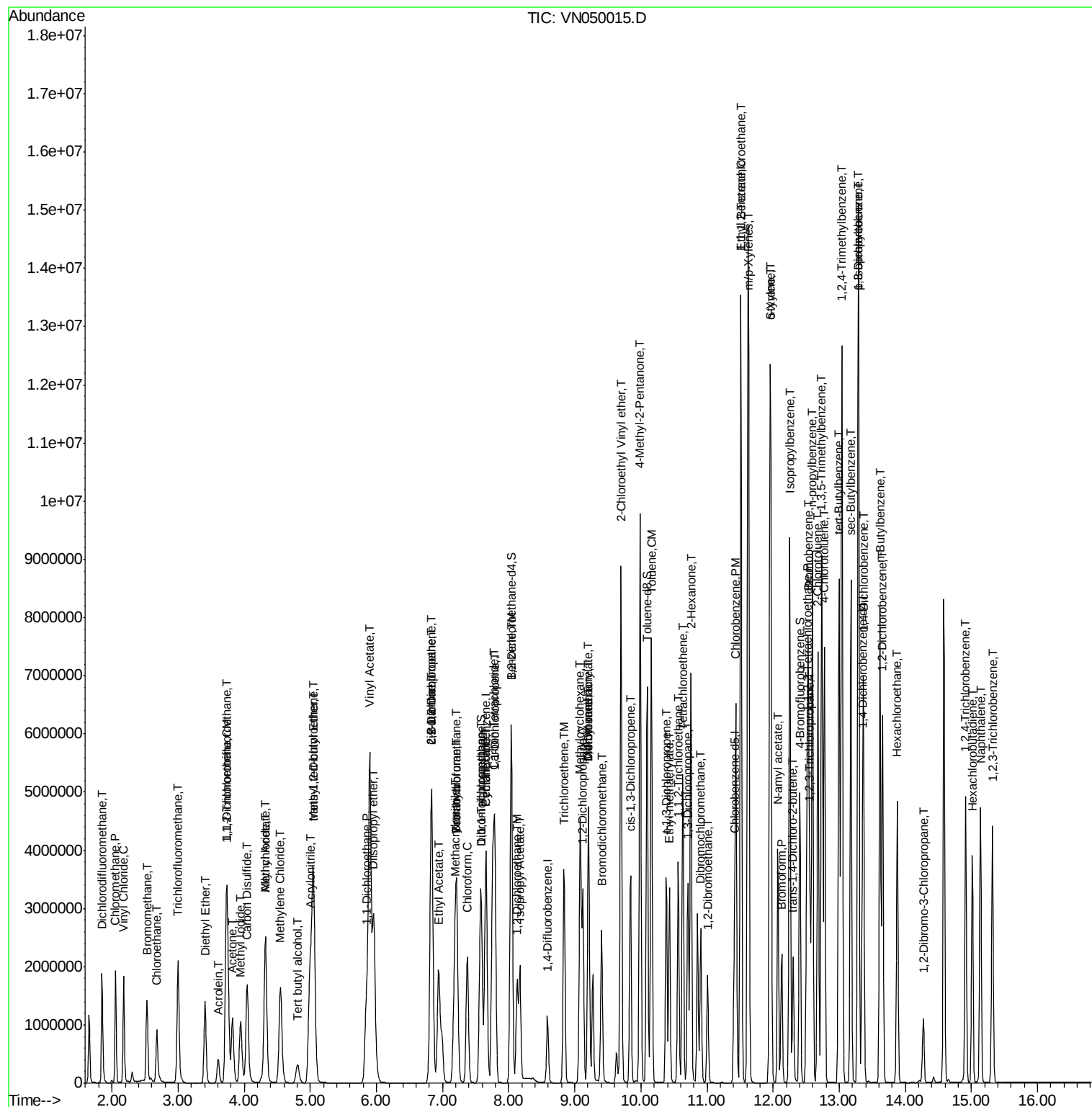
Quant Time: Jul 24 05:53:20 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072418W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 24 05:50:19 2018  
Response via : Initial Calibration

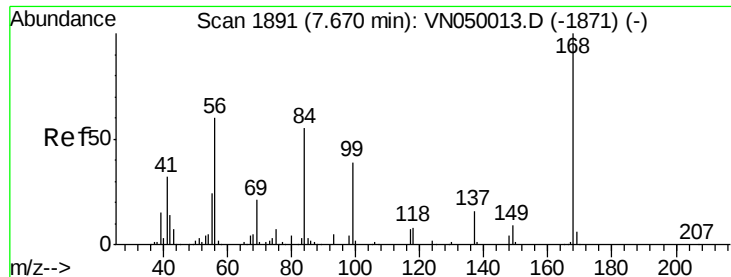
| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 1683070  | 185.511 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 834835   | 129.175 | ug/l  | 99       |
| 95) Naphthalene            | 15.14 | 128  | 4090794  | 205.120 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 1609817  | 170.565 | ug/l  | 100      |

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050015.D

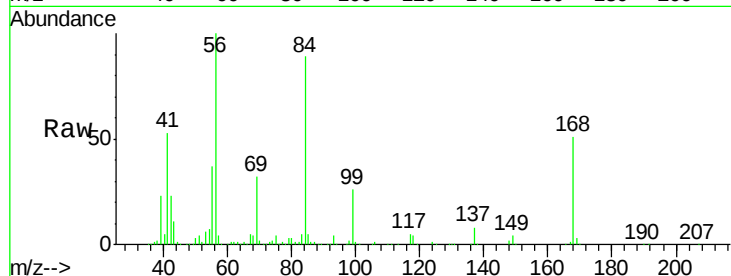
Acq: 23 Jul 2018 19:37

Tgt Ion: 168 Resp: 717581

Ion Ratio Lower Upper

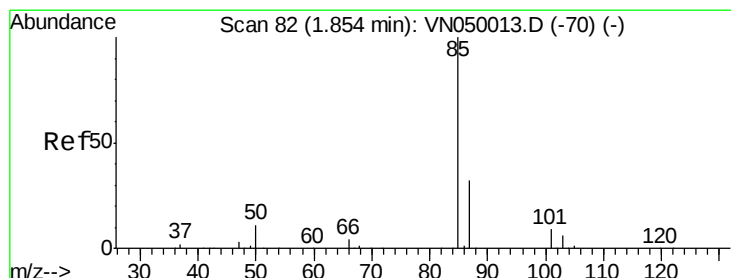
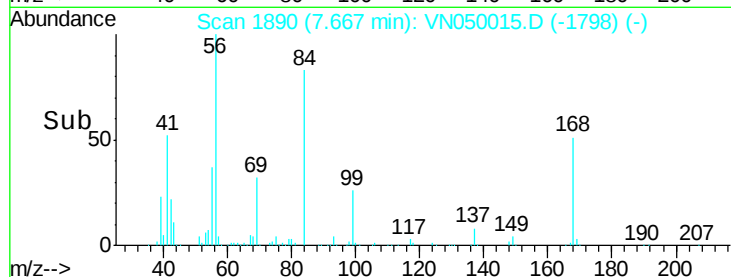
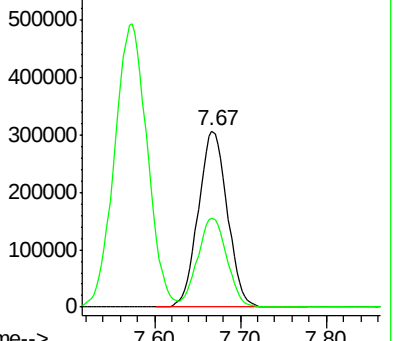
168 100

99 50.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 186.587 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050015.D

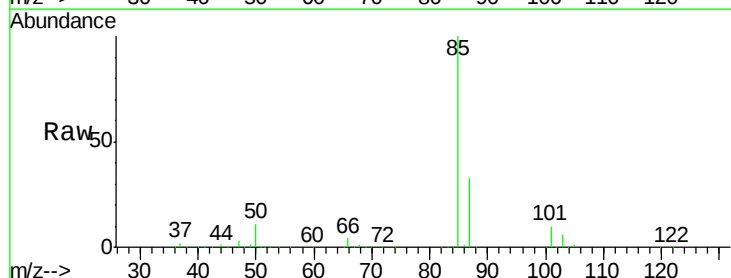
Acq: 23 Jul 2018 19:37

Tgt Ion: 85 Resp: 1569887

Ion Ratio Lower Upper

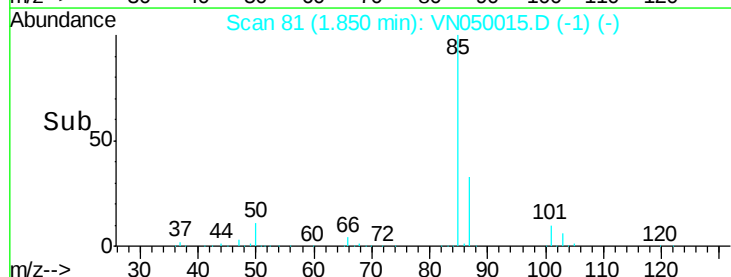
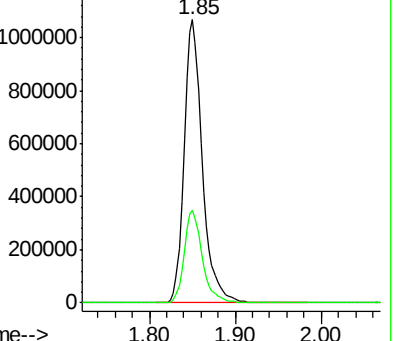
85 100

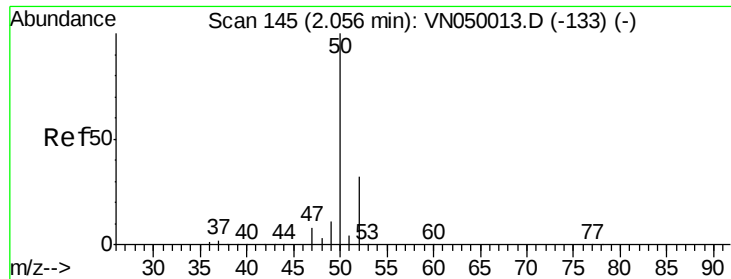
87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 156.789 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN050015.D

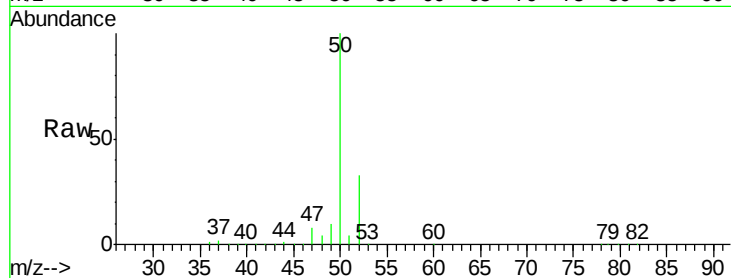
Acq: 23 Jul 2018 19:37

Tgt Ion: 50 Resp: 1590600

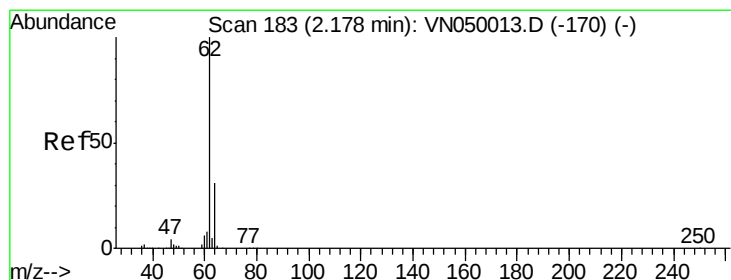
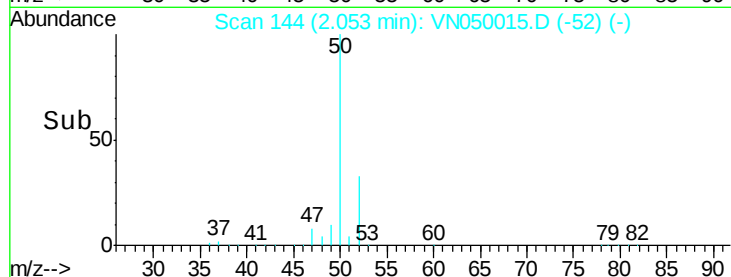
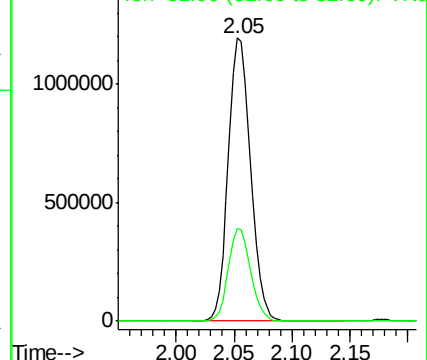
Ion Ratio Lower Upper

50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO  
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 153.632 ug/l

RT: 2.18 min Scan# 182

Delta R.T. -0.00 min

Lab File: VN050015.D

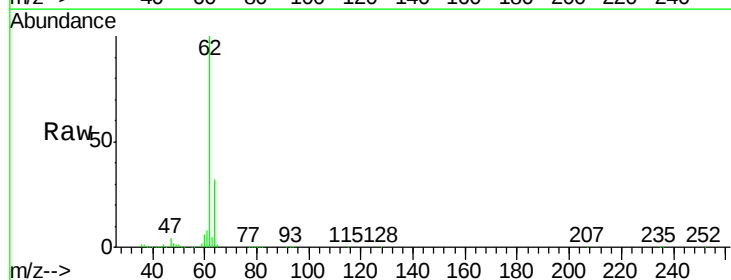
Acq: 23 Jul 2018 19:37

Tgt Ion: 62 Resp: 1652633

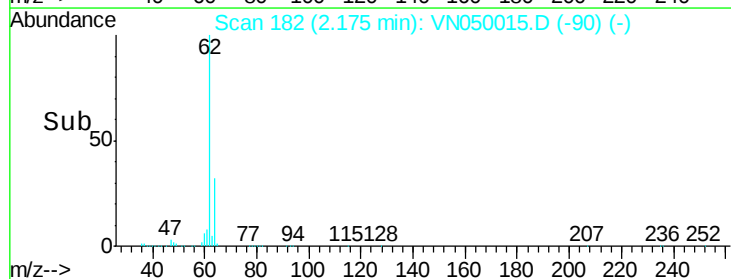
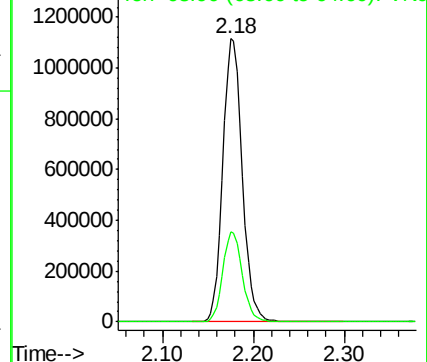
Ion Ratio Lower Upper

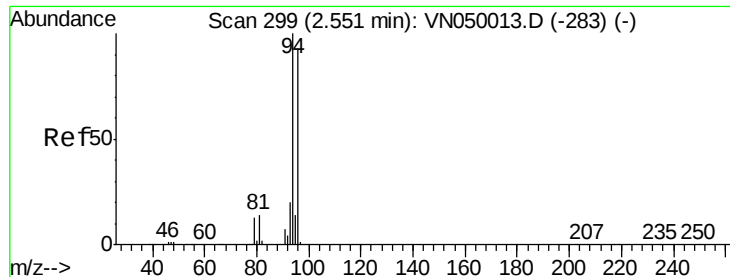
62 100

64 32.0 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VNO  
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 140.971 ug/l

RT: 2.53 min Scan# 292

Delta R.T. -0.02 min

Lab File: VN050015.D

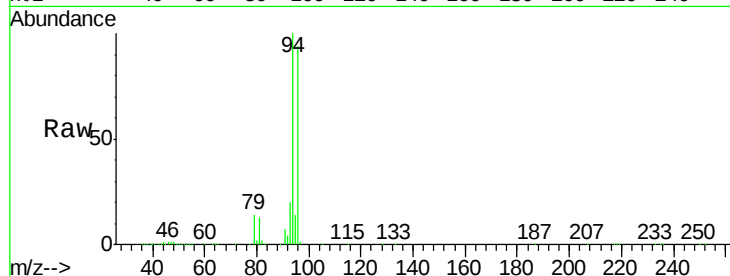
Acq: 23 Jul 2018 19:37

Tgt Ion: 94 Resp: 967644

Ion Ratio Lower Upper

94 100

96 94.2 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050013.D (-283) (-)

Ion 95.90 (95.60 to 96.60): VN050013.D (-283) (-)

2.53

500000

400000

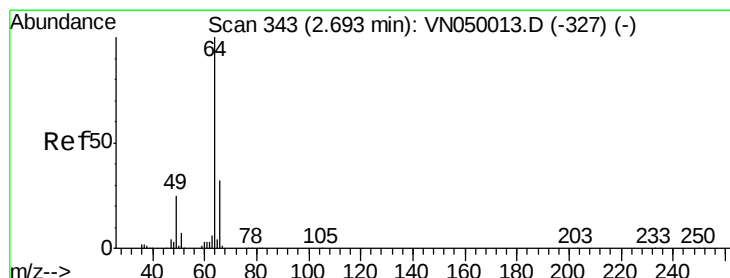
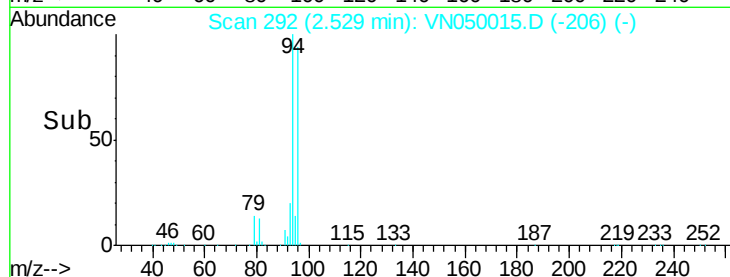
300000

200000

100000

0

Time-->



#6

Chloroethane

Concen: 136.256 ug/l

RT: 2.68 min Scan# 339

Delta R.T. -0.01 min

Lab File: VN050015.D

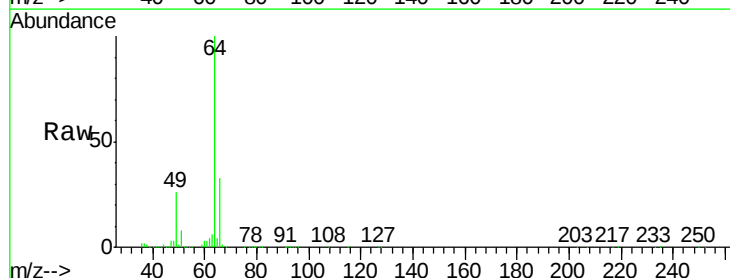
Acq: 23 Jul 2018 19:37

Tgt Ion: 64 Resp: 941750

Ion Ratio Lower Upper

64 100

66 32.6 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN050013.D (-327) (-)

Ion 65.90 (65.60 to 66.60): VN050013.D (-327) (-)

2.68

500000

400000

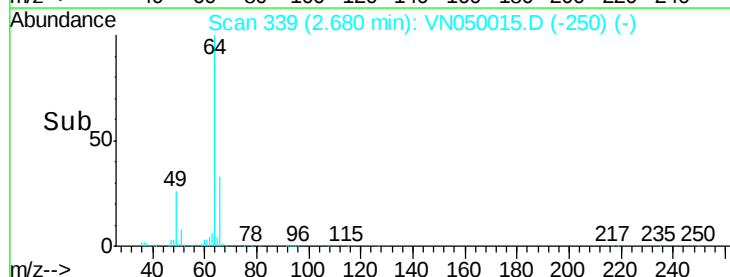
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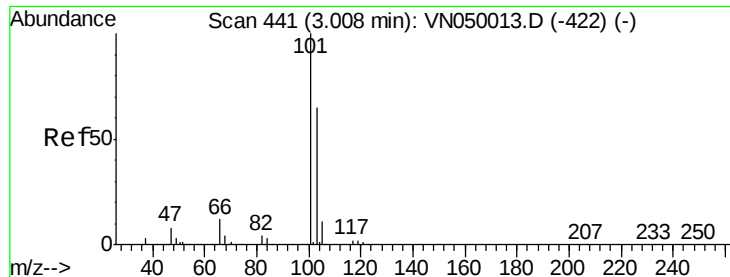
200000

100000

0

Time-->

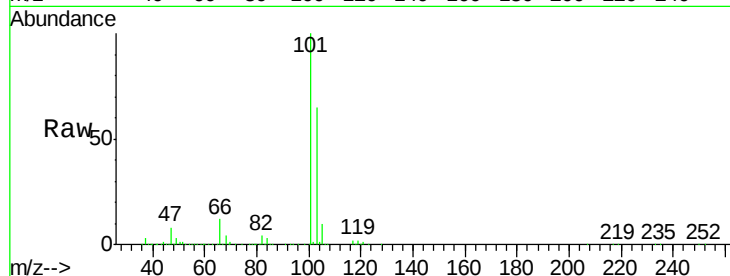




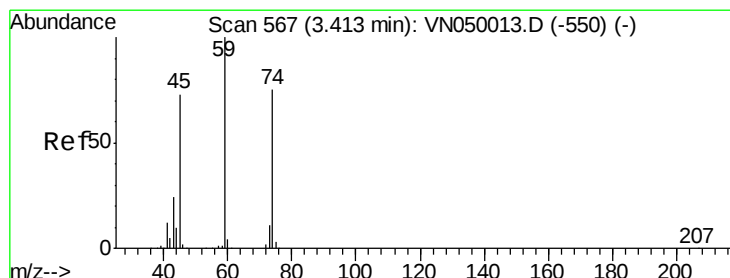
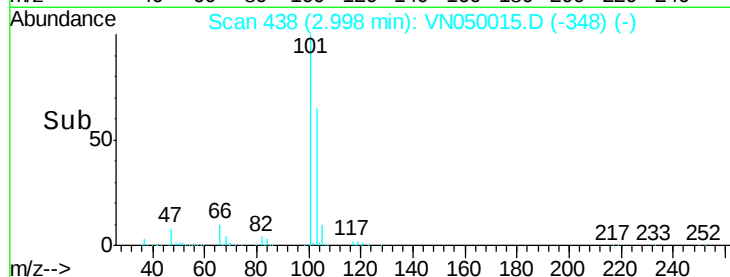
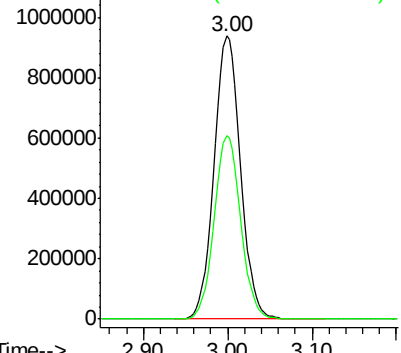
#7

Trichlorofluoromethane  
Concen: 140.183 ug/l  
RT: 3.00 min Scan# 438  
Delta R.T. -0.01 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion: 101 Resp: 2046445  
Ion Ratio Lower Upper  
101 100  
103 64.8 51.7 77.5



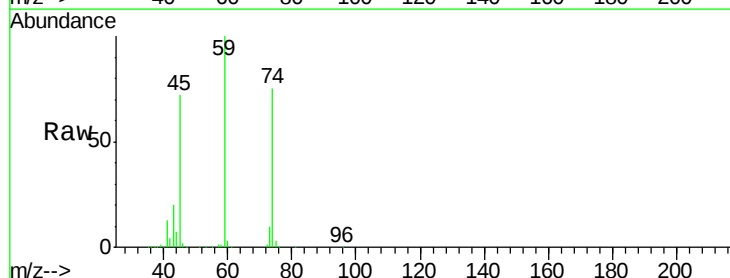
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



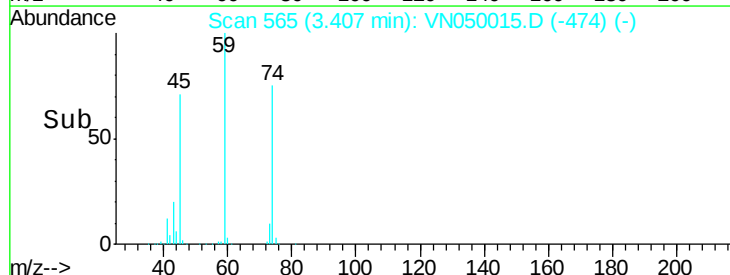
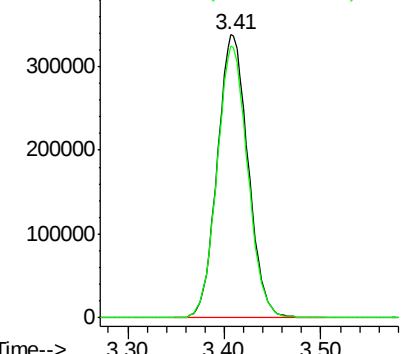
#8

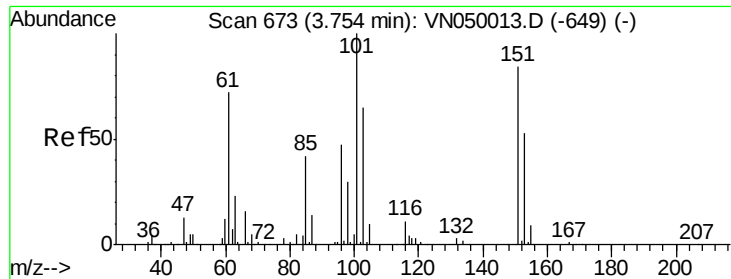
Diethyl Ether  
Concen: 147.476 ug/l  
RT: 3.41 min Scan# 565  
Delta R.T. -0.01 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion: 74 Resp: 744991  
Ion Ratio Lower Upper  
74 100  
45 95.6 47.6 142.8



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: 136.445 ug/l

RT: 3.75 min Scan# 671

Delta R.T. -0.01 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

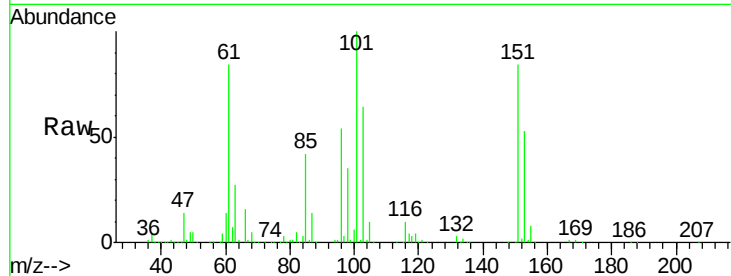
Tgt Ion:101 Resp: 1222831

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.2

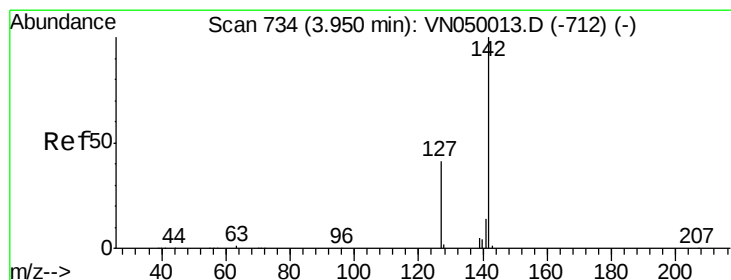
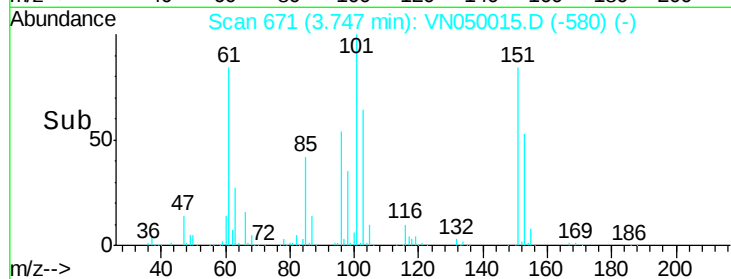
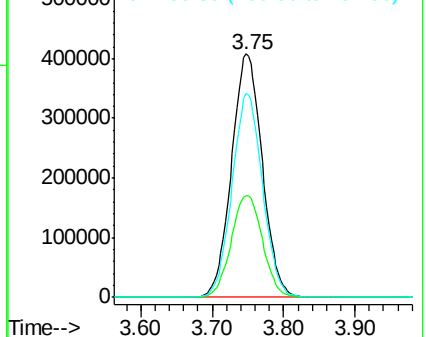
151 83.0 66.3 99.5



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: 153.972 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

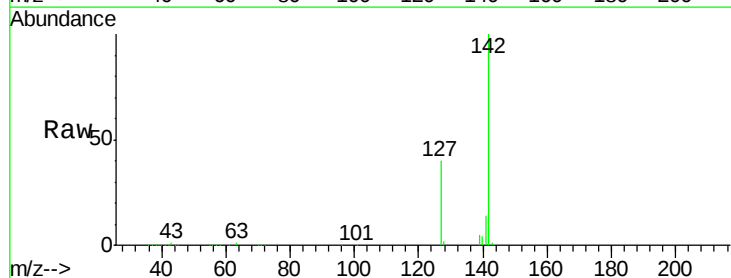
Tgt Ion:142 Resp: 1837875

Ion Ratio Lower Upper

142 100

127 40.3 33.4 50.2

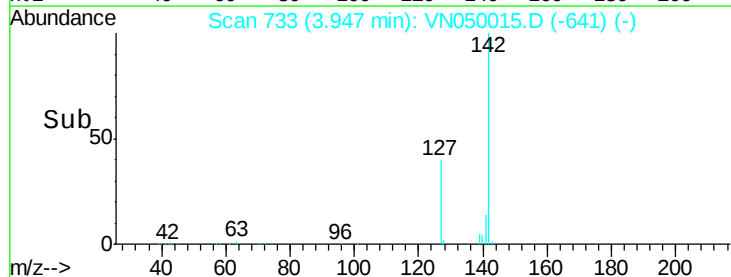
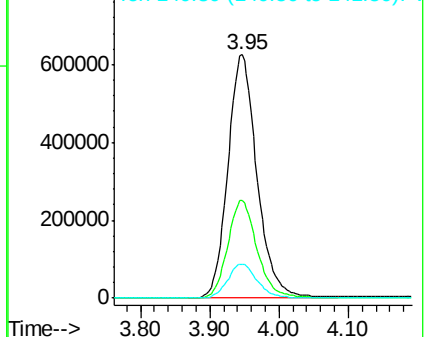
141 14.1 11.6 17.4

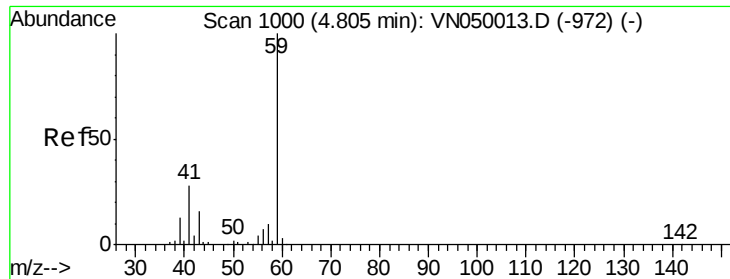


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 819.135 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN050015.D

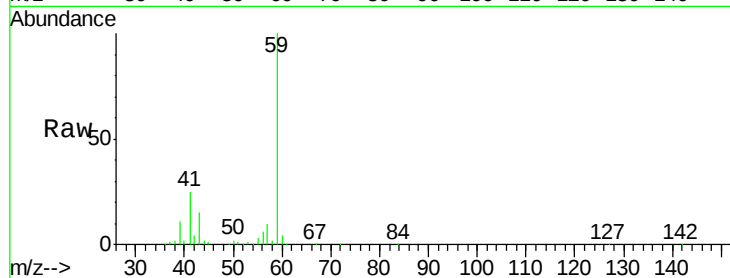
Acq: 23 Jul 2018 19:37

Tgt Ion: 59 Resp: 580441

Ion Ratio Lower Upper

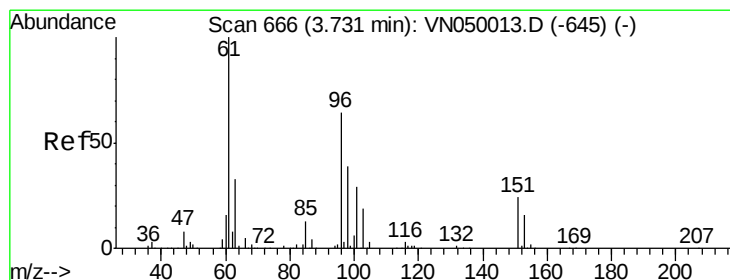
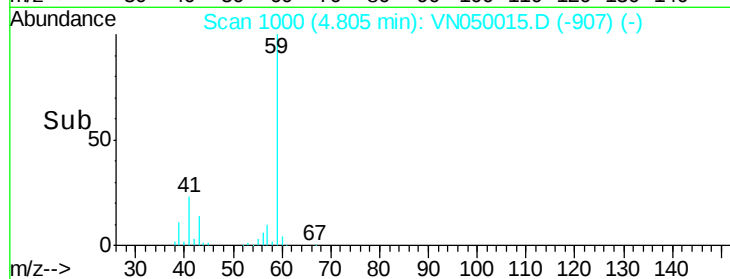
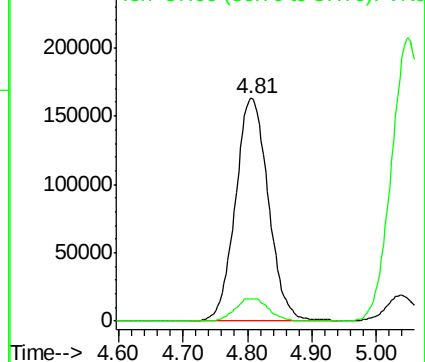
59 100

57 5.2 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 146.994 ug/l

RT: 3.72 min Scan# 664

Delta R.T. -0.01 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

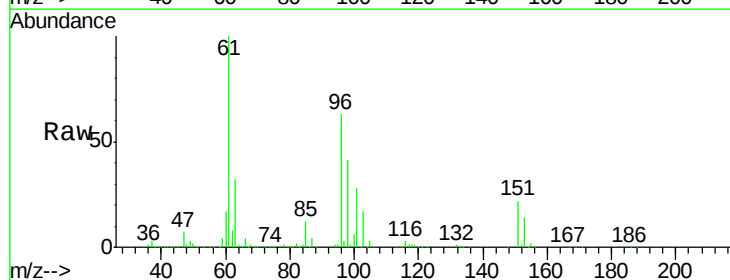
Tgt Ion: 96 Resp: 1161198

Ion Ratio Lower Upper

96 100

61 159.0 124.4 186.6

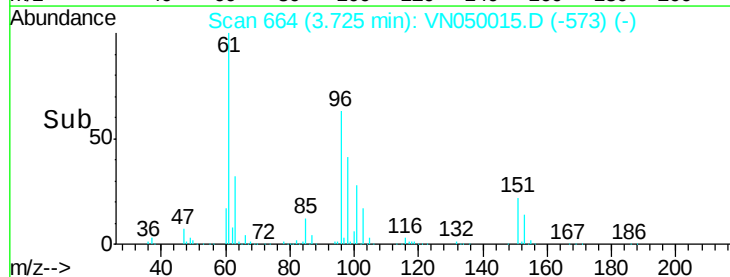
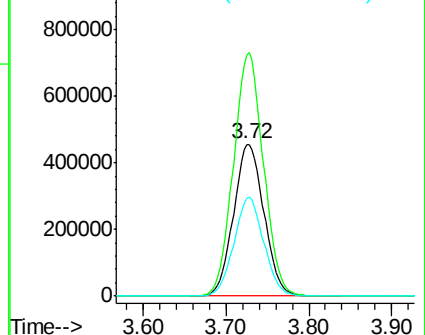
98 64.7 48.3 72.5

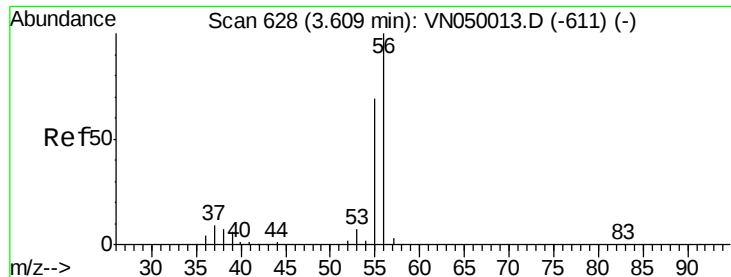


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 982.619 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN050015.D

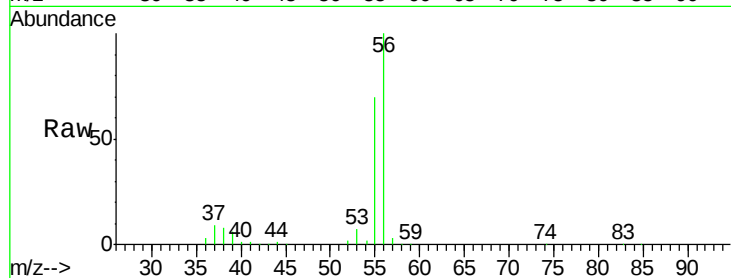
Acq: 23 Jul 2018 19:37

Tgt Ion: 56 Resp: 471470

Ion Ratio Lower Upper

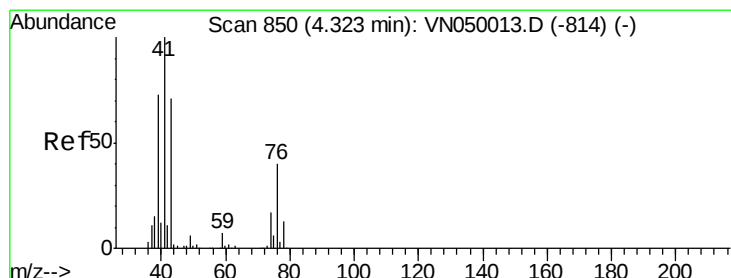
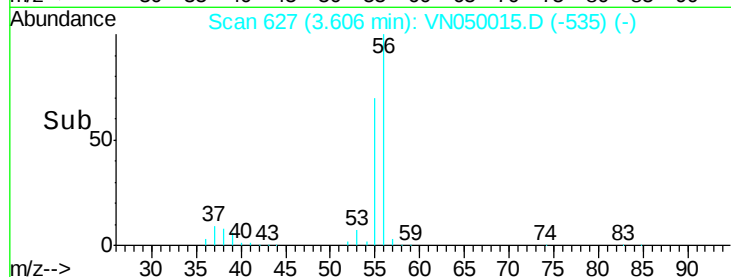
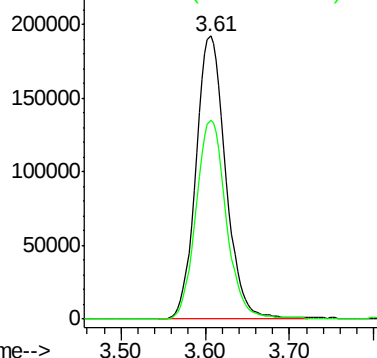
56 100

55 71.5 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 157.914 ug/l

RT: 4.32 min Scan# 848

Delta R.T. -0.01 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

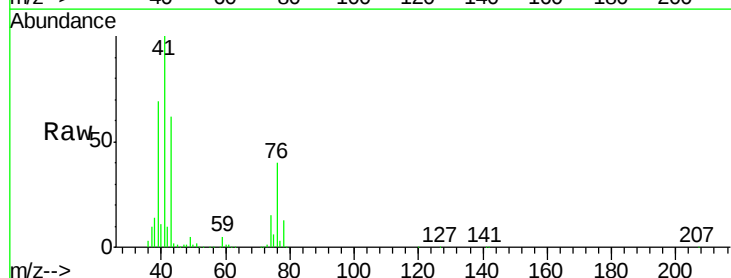
Tgt Ion: 41 Resp: 1955690

Ion Ratio Lower Upper

41 100

39 65.2 54.2 81.4

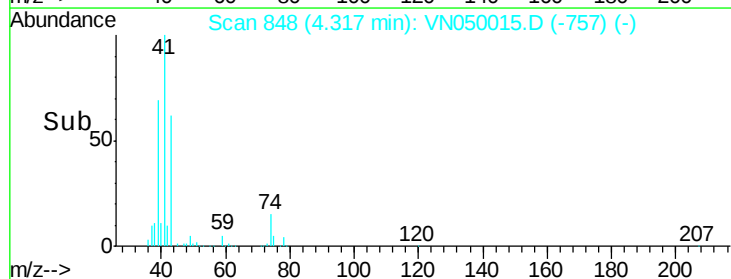
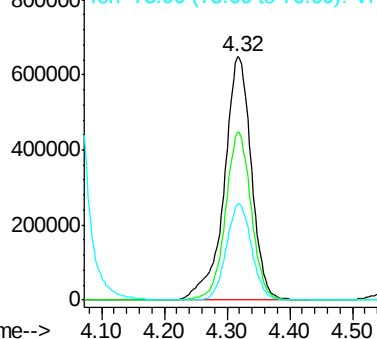
76 36.6 29.0 43.6

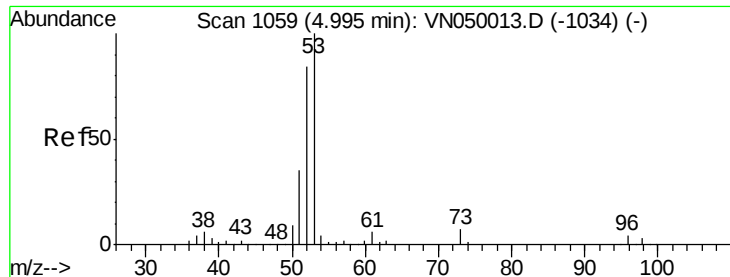


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 789.111 ug/l

RT: 4.99 min Scan# 1058

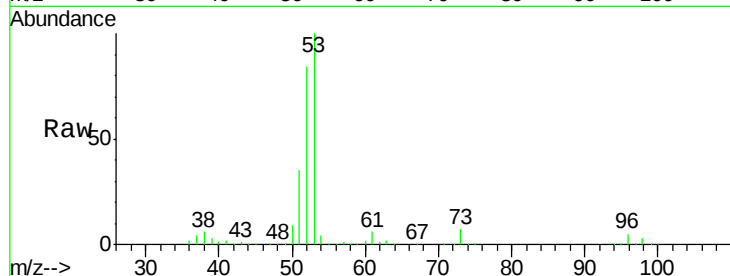
Delta R.T. -0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

Tgt Ion: 53 Resp: 2446281

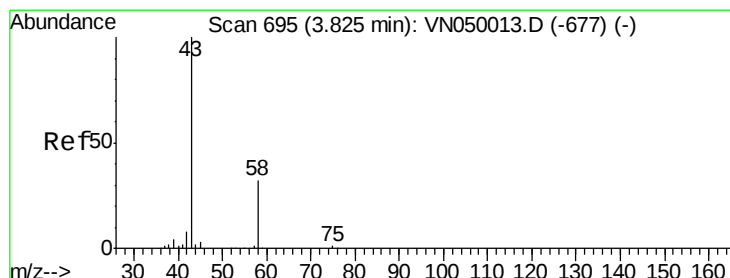
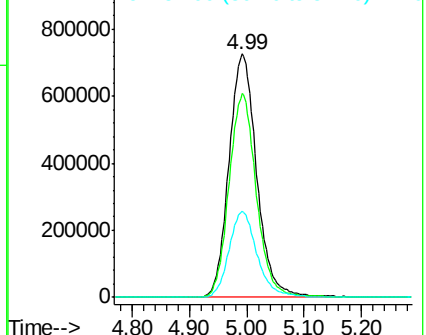
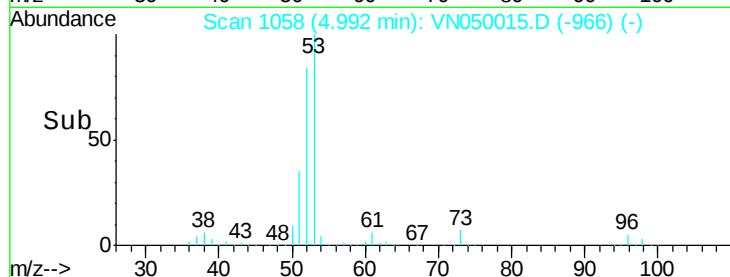
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.5  | 66.2  | 99.2  |
| 51  | 35.8  | 29.3  | 43.9  |



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 682.989 ug/l

RT: 3.82 min Scan# 694

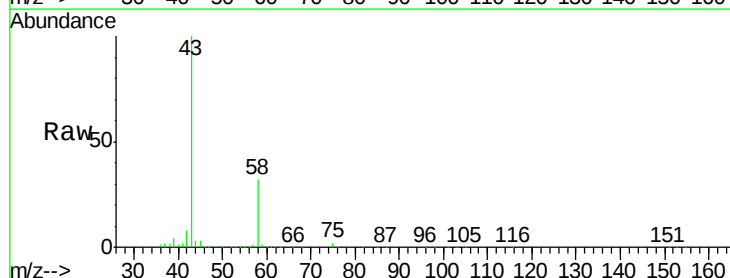
Delta R.T. -0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

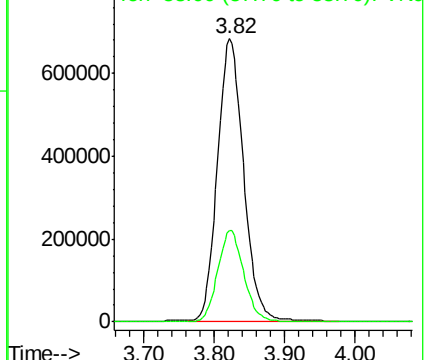
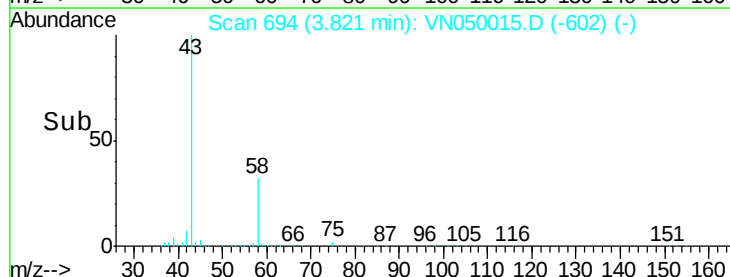
Tgt Ion: 43 Resp: 1755980

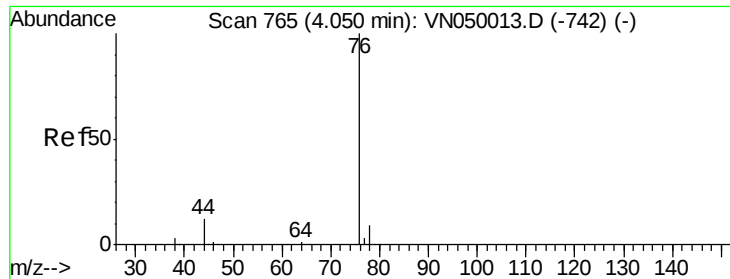
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 32.4  | 25.8  | 38.8  |



Abundance Ion 43.00 (42.70 to 43.70): VN0

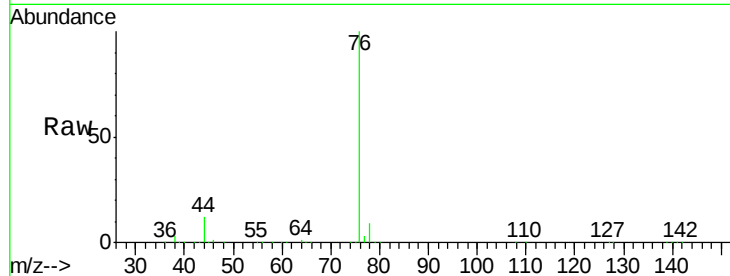
Ion 58.00 (57.70 to 58.70): VN0



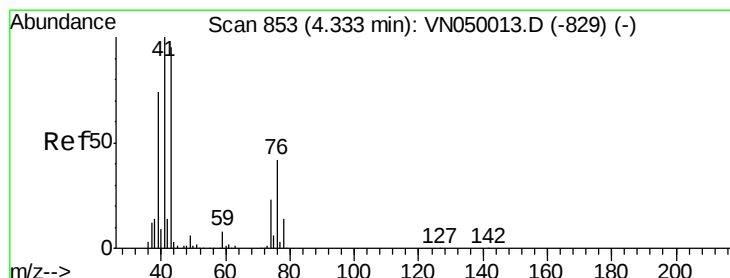
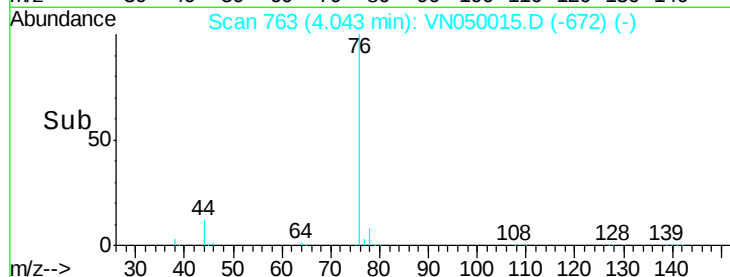
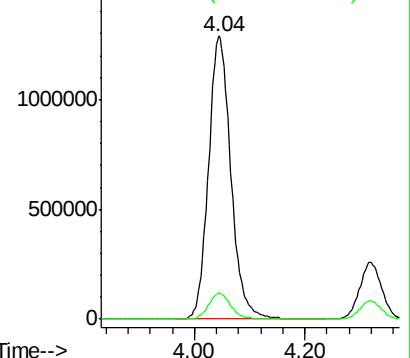


#17  
Carbon Disulfide  
Concen: 151.929 ug/l  
RT: 4.04 min Scan# 763  
Delta R.T. -0.01 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion: 76 Resp: 3608285  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.3 10.9

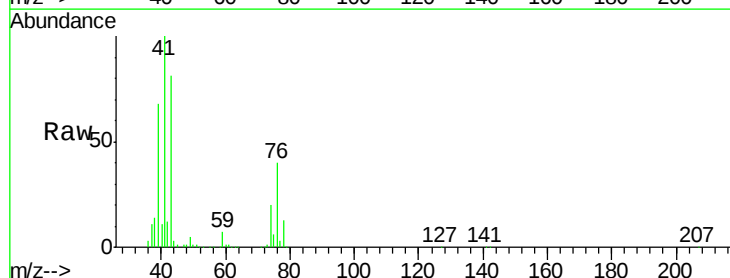


Abundance Ion 75.90 (75.60 to 76.60): VN050015.D (-742) (-)  
Ion 77.90 (77.60 to 78.60): VN050015.D (-742) (-)

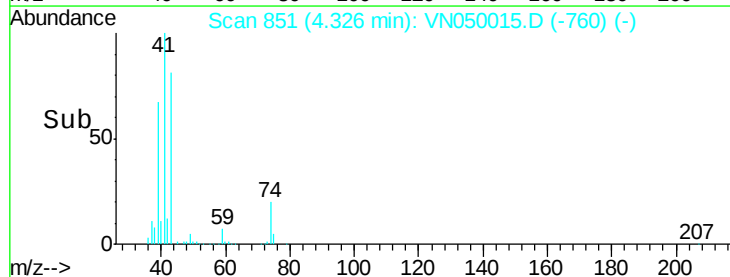
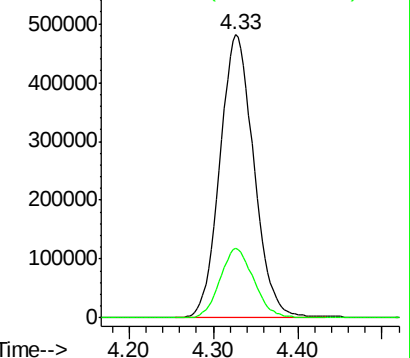


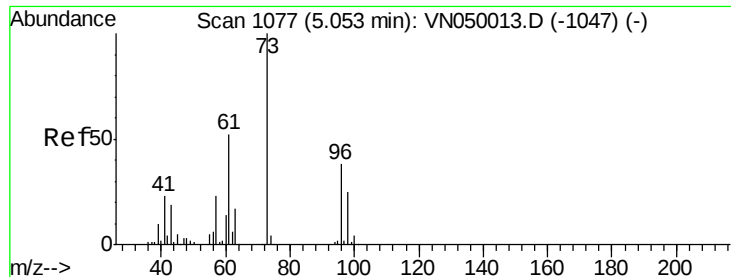
#18  
Methyl Acetate  
Concen: 137.082 ug/l  
RT: 4.33 min Scan# 851  
Delta R.T. -0.01 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion: 43 Resp: 1348793  
Ion Ratio Lower Upper  
43 100  
74 24.5 19.2 28.8



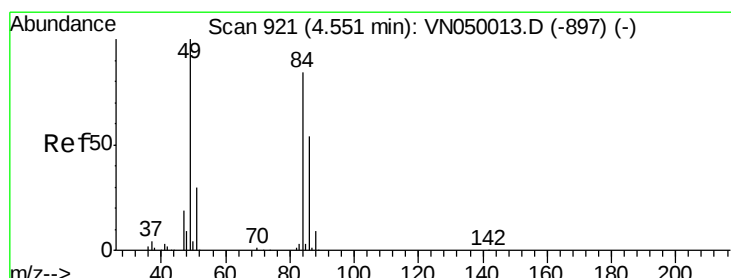
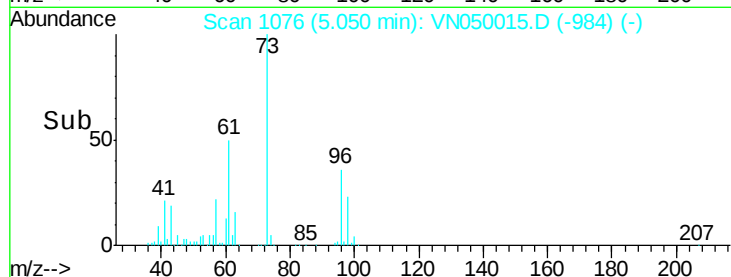
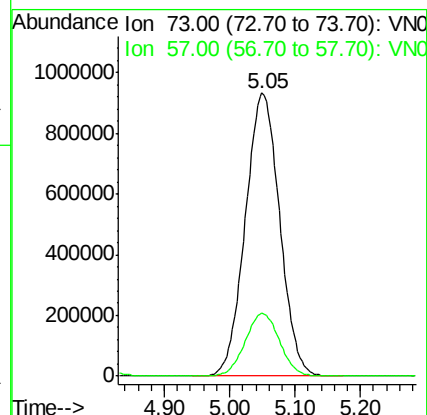
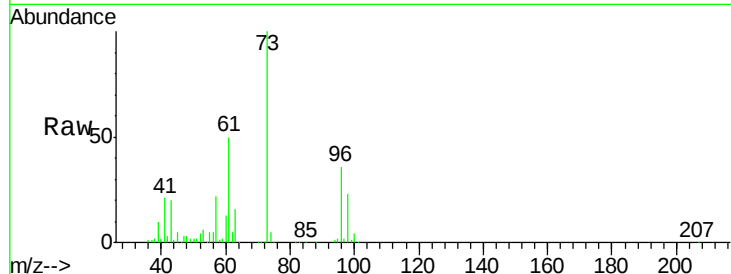
Abundance Ion 43.00 (42.70 to 43.70): VN050015.D (-760) (-)  
Ion 74.00 (73.70 to 74.70): VN050015.D (-760) (-)





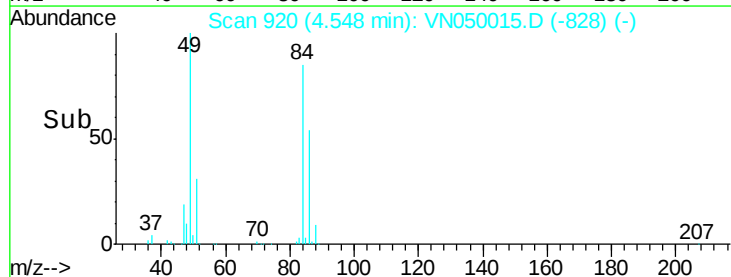
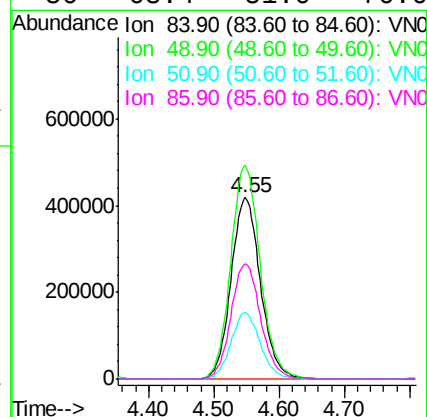
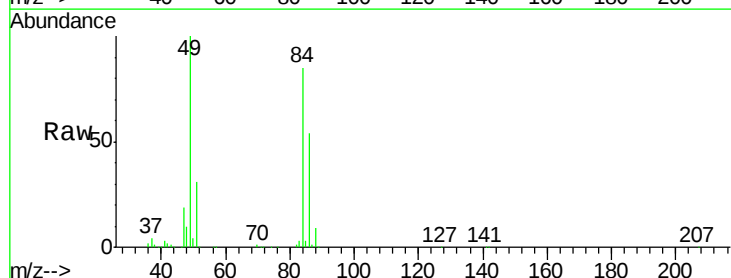
#19  
Methyl tert-butyl Ether  
Concen: 158.520 ug/l  
RT: 5.05 min Scan# 1076  
Delta R.T. -0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

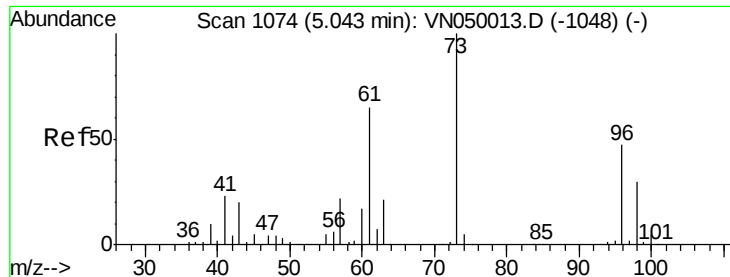
Tgt Ion: 73 Resp: 3413712  
Ion Ratio Lower Upper  
73 100  
57 22.2 18.0 27.0



#20  
Methylene Chloride  
Concen: 134.081 ug/l  
RT: 4.55 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion: 84 Resp: 1311253  
Ion Ratio Lower Upper  
84 100  
49 117.7 94.8 142.2  
51 37.0 28.3 42.5  
86 63.4 51.0 76.6

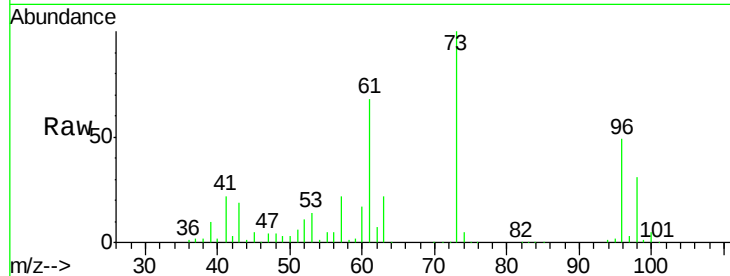




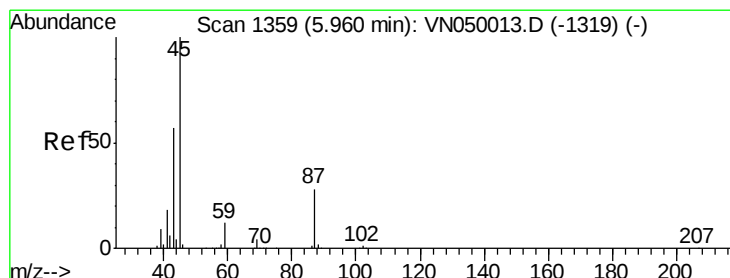
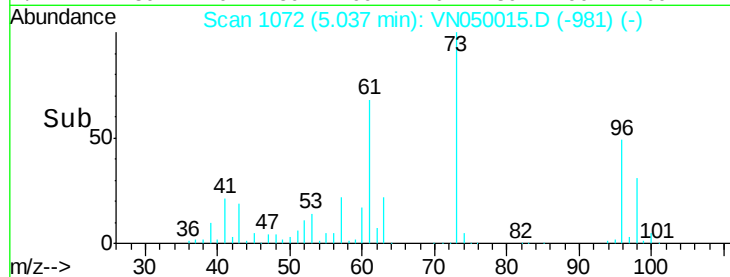
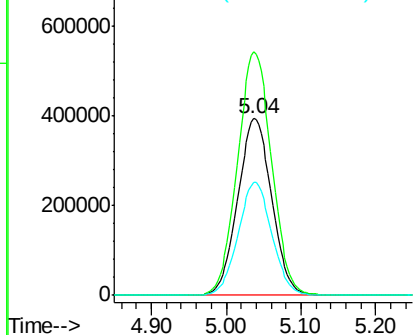
#21

trans-1,2-Dichloroethene  
Concen: 149.305 ug/l  
RT: 5.04 min Scan# 1072  
Delta R.T. -0.01 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion: 96 Resp: 1244557  
Ion Ratio Lower Upper  
96 100  
61 137.9 110.7 166.1  
98 63.7 51.6 77.4



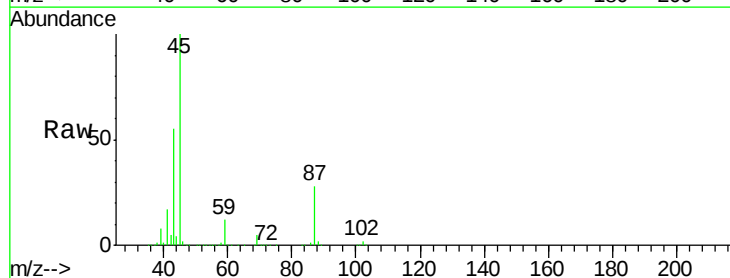
Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0



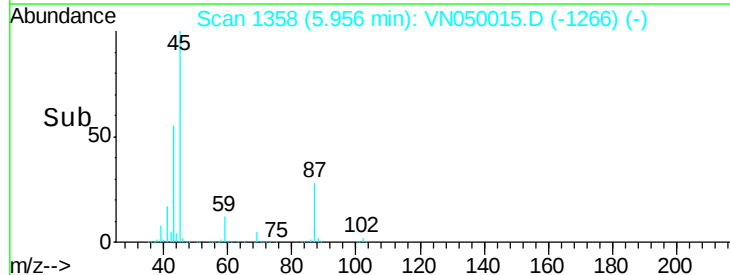
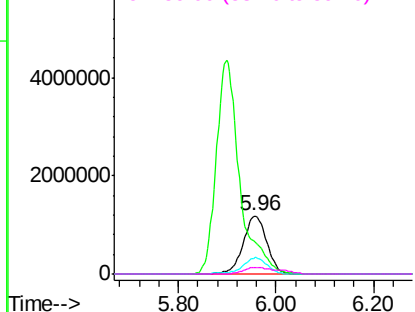
#22

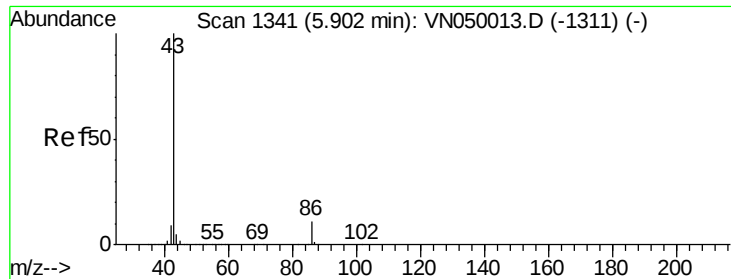
Diisopropyl ether  
Concen: 158.154 ug/l  
RT: 5.96 min Scan# 1358  
Delta R.T. -0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion: 45 Resp: 3971319  
Ion Ratio Lower Upper  
45 100  
43 55.0 45.7 68.5  
87 28.0 22.7 34.1  
59 11.9 9.5 14.3



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: 821.910 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN050015.D

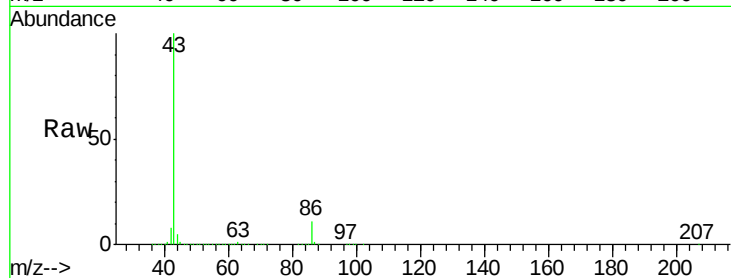
Acq: 23 Jul 2018 19:37

Tgt Ion: 43 Resp:14462840

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN050013.D (-1311) (-)

Ion 86.00 (85.70 to 86.70): VN050013.D (-1311) (-)

5000000

4000000

3000000

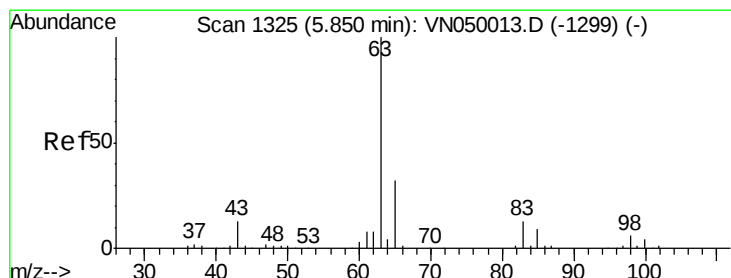
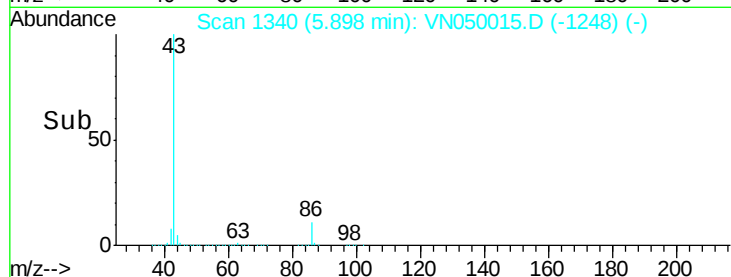
2000000

1000000

0

5.80 5.90 6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 142.026 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

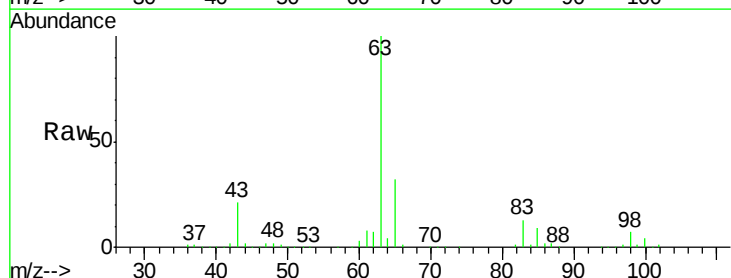
Tgt Ion: 63 Resp: 2301008

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.3 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN050013.D (-1299) (-)

Ion 97.90 (97.60 to 98.60): VN050013.D (-1299) (-)

Ion 99.90 (99.60 to 100.60): VN050013.D (-1299) (-)

1000000

800000

600000

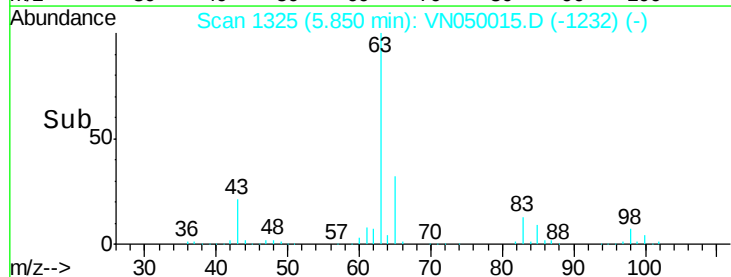
400000

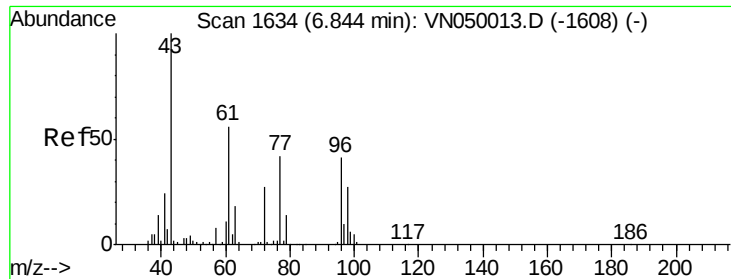
200000

0

5.70 5.80 5.90 6.00

Time-->





#25

2-Butanone

Concen: 798.915 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN050015.D

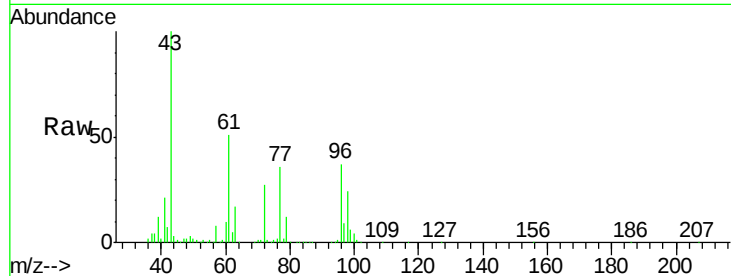
Acq: 23 Jul 2018 19:37

Tgt Ion: 43 Resp: 2934897

Ion Ratio Lower Upper

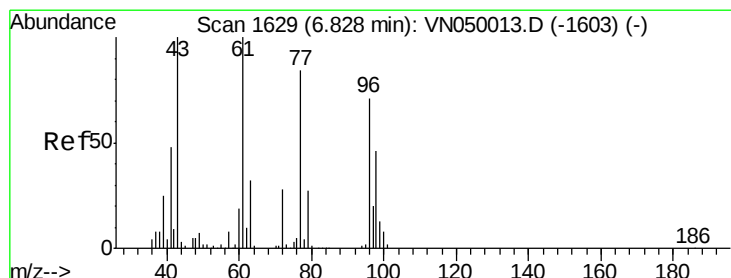
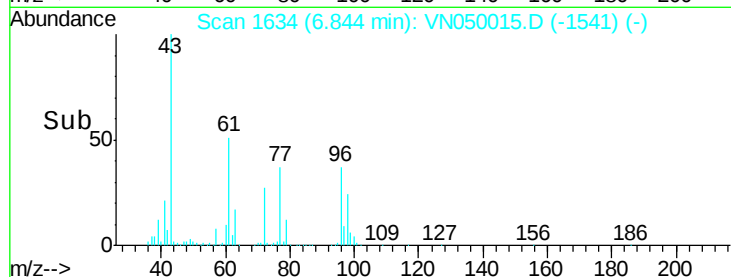
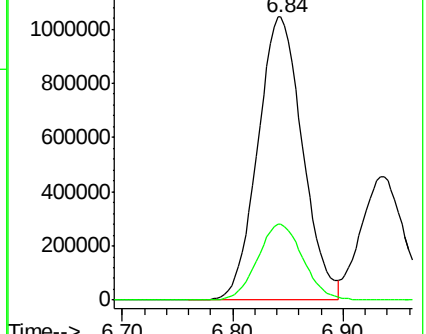
43 100

72 27.0 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 136.440 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN050015.D

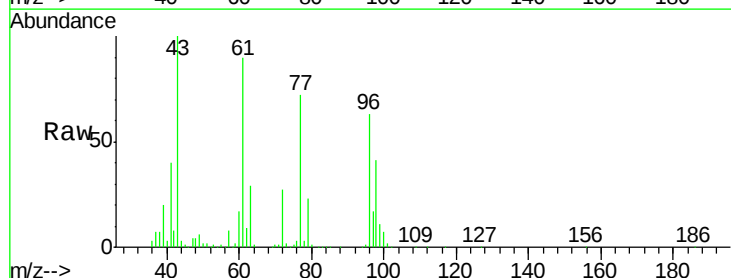
Acq: 23 Jul 2018 19:37

Tgt Ion: 77 Resp: 1713307

Ion Ratio Lower Upper

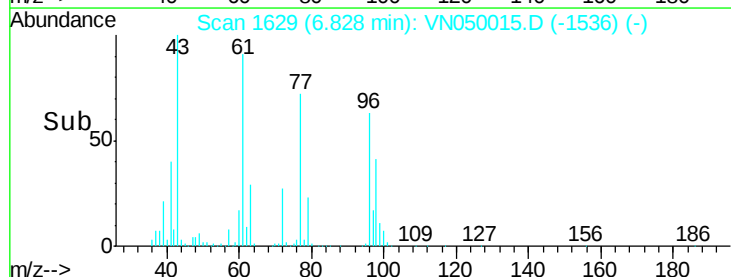
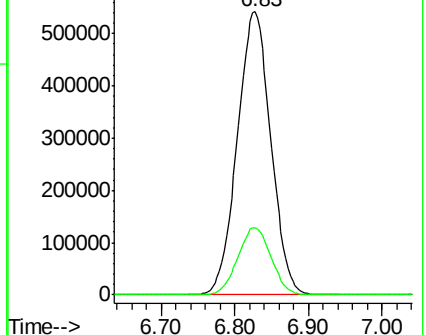
77 100

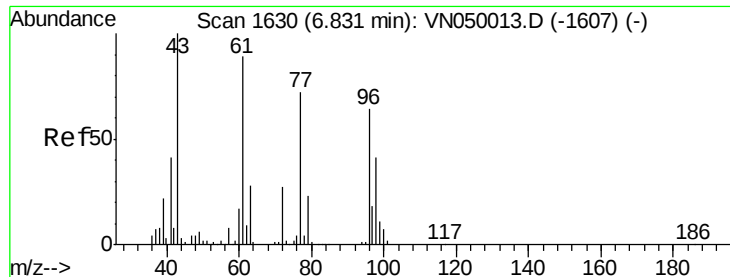
97 23.7 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 154.627 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

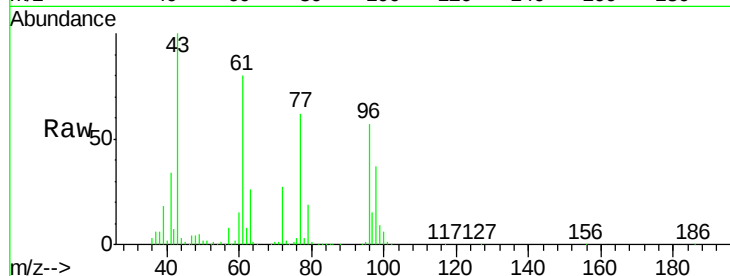
Tgt Ion: 96 Resp: 1410064

Ion Ratio Lower Upper

96 100

61 142.2 0.0 285.0

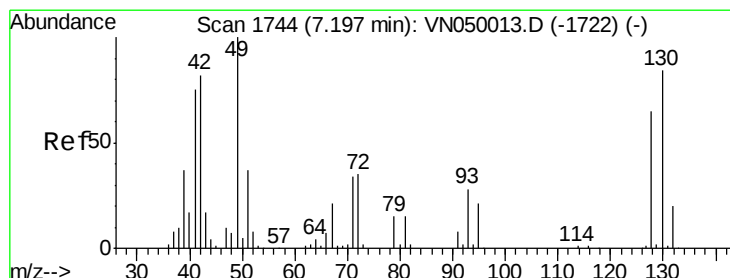
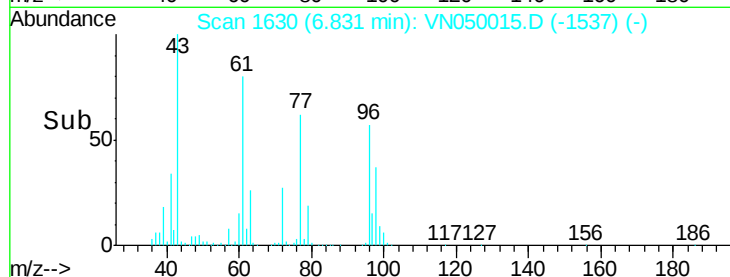
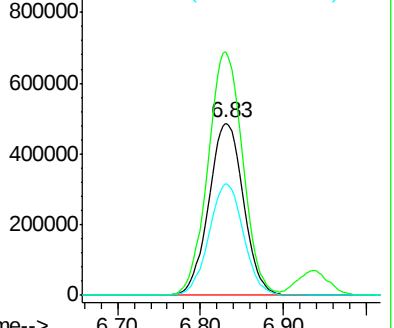
98 64.7 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN050015.D (-1537) (-)

Ion 60.90 (60.60 to 61.60): VN050015.D (-1537) (-)

Ion 97.90 (97.60 to 98.60): VN050015.D (-1537) (-)



#28

Bromochloromethane

Concen: 145.306 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

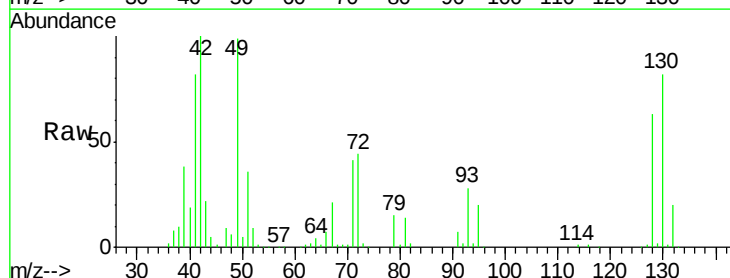
Tgt Ion: 49 Resp: 1055445

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

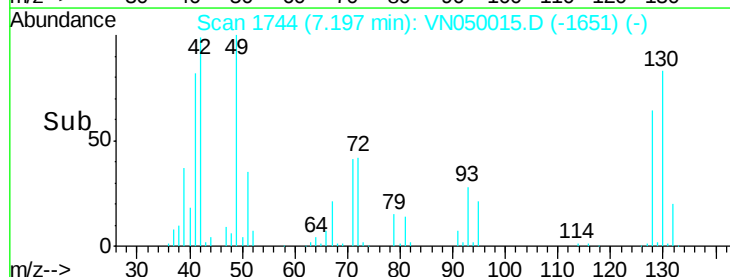
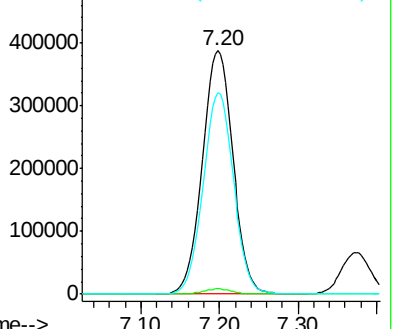
130 82.4 66.3 99.5

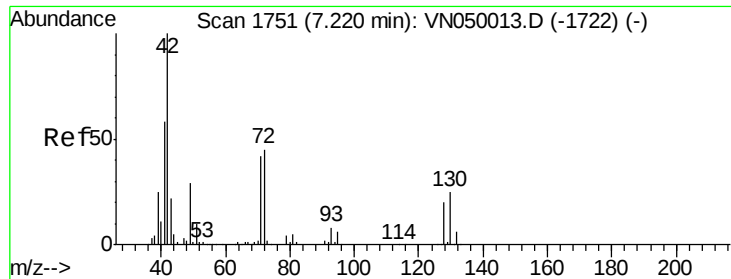


Abundance Ion 48.90 (48.60 to 49.60): VN050015.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN050015.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN050015.D (-1651) (-)





#29

Tetrahydrofuran

Concen: 827.741 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

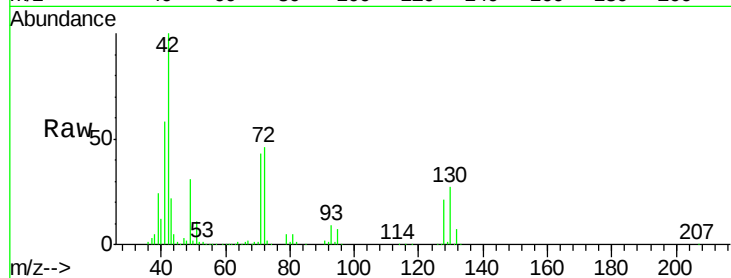
Tgt Ion: 42 Resp: 1913019

Ion Ratio Lower Upper

42 100

72 44.6 35.9 53.9

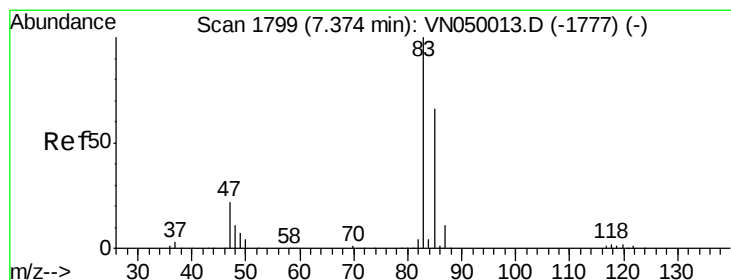
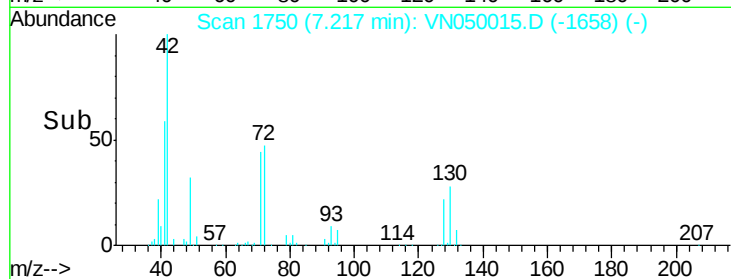
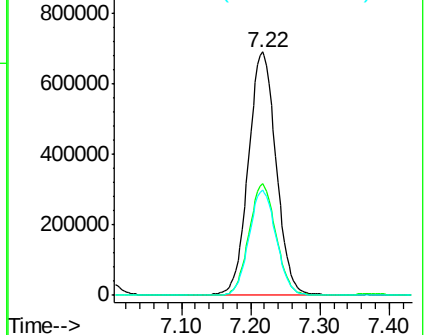
71 42.3 33.7 50.5



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: 138.935 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050015.D

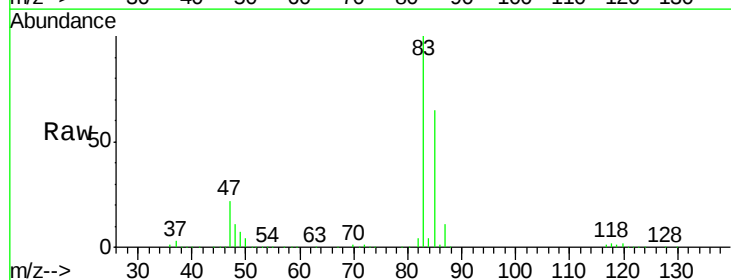
Acq: 23 Jul 2018 19:37

Tgt Ion: 83 Resp: 2302587

Ion Ratio Lower Upper

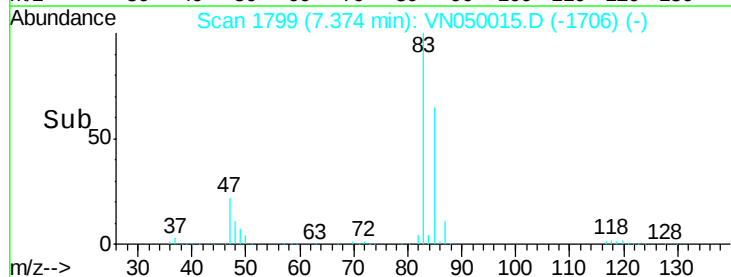
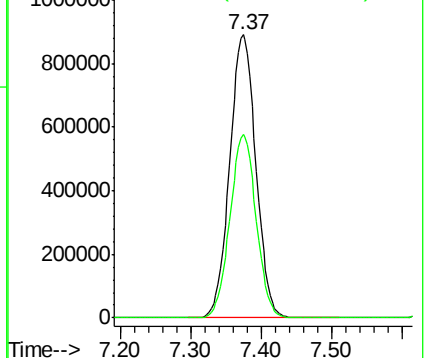
83 100

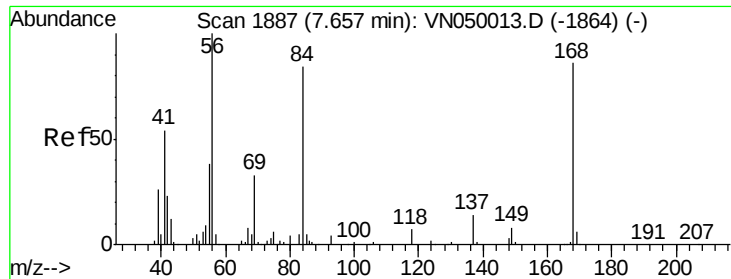
85 65.0 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

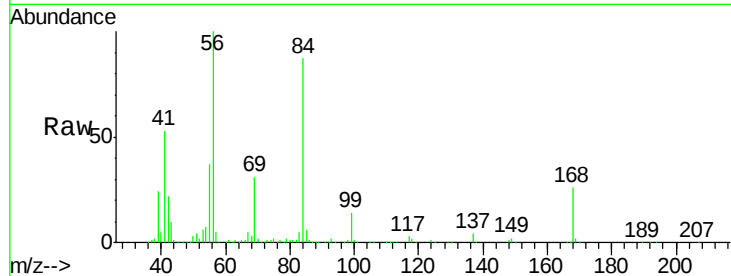




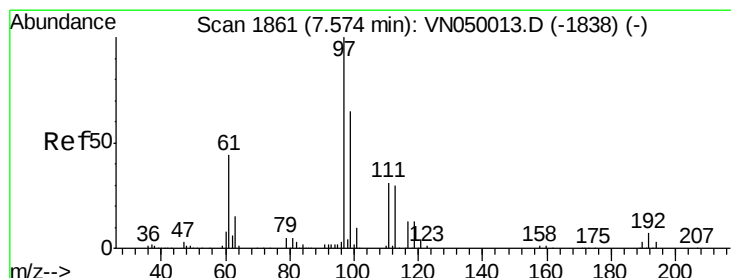
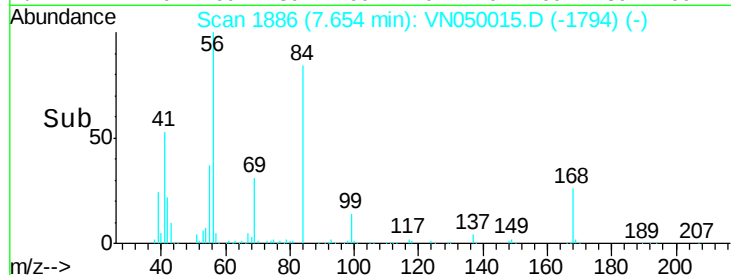
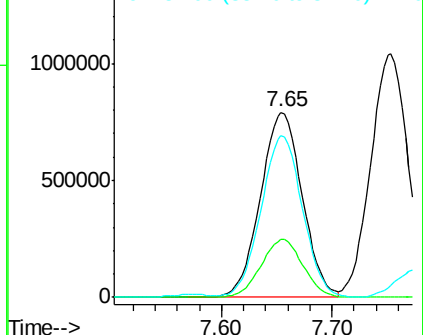
#31  
Cyclohexane  
Concen: 136.768 ug/l  
RT: 7.65 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion: 56 Resp: 2075361

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 31.2  | 26.2  | 39.4  |
| 84  | 85.8  | 67.4  | 101.0 |



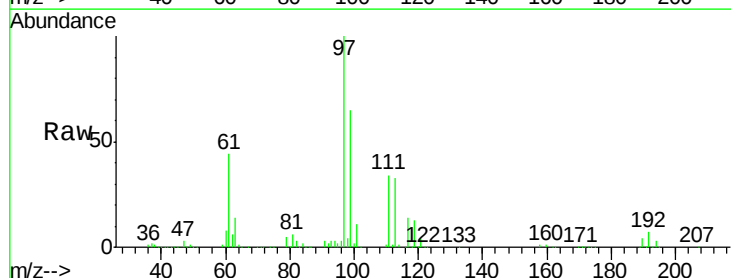
Abundance Ion 56.00 (55.70 to 56.70): VNO  
Ion 69.00 (68.70 to 69.70): VNO  
Ion 84.00 (83.70 to 84.70): VNO



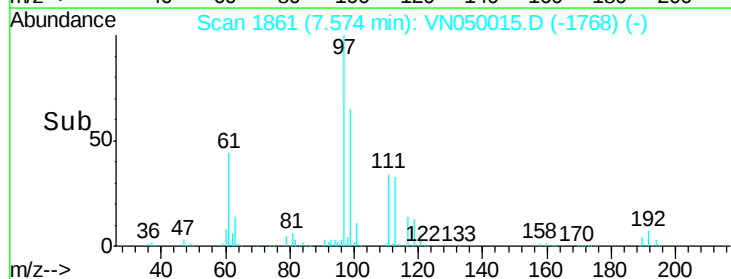
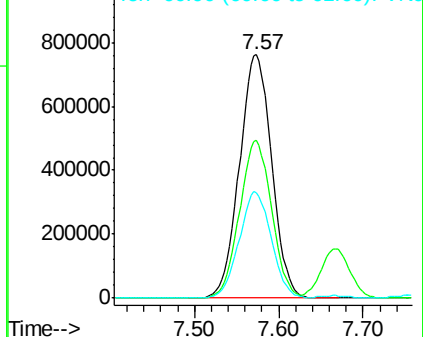
#32  
1,1,1-Trichloroethane  
Concen: 141.343 ug/l  
RT: 7.57 min Scan# 1861  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

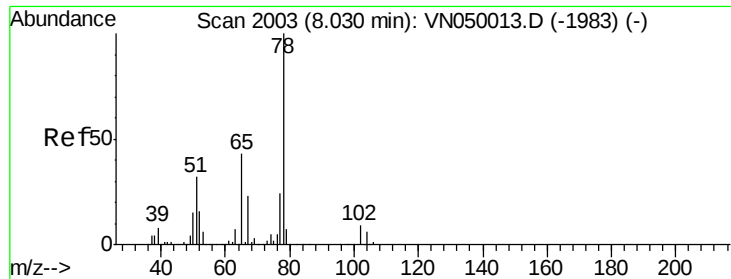
Tgt Ion: 97 Resp: 2028162

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.5  | 51.4  | 77.0  |
| 61  | 43.4  | 35.4  | 53.0  |



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





#33

1,2-Dichloroethane-d4

Concen: 141.005 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050015.D

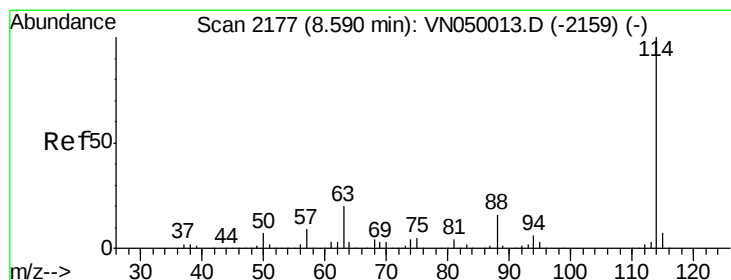
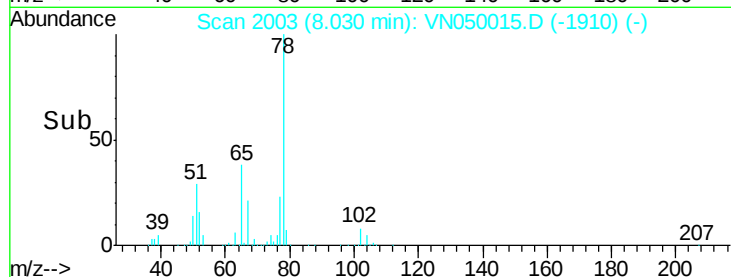
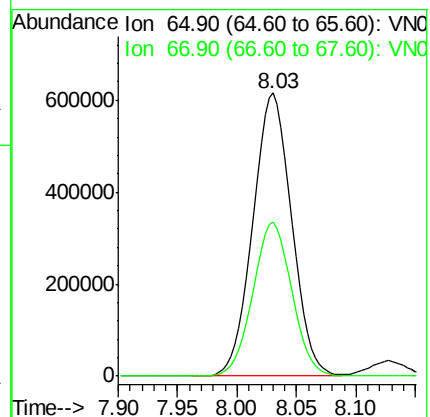
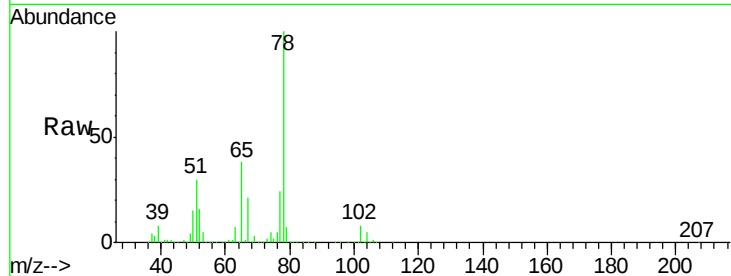
Acq: 23 Jul 2018 19:37

Tgt Ion: 65 Resp: 1390811

Ion Ratio Lower Upper

65 100

67 54.6 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

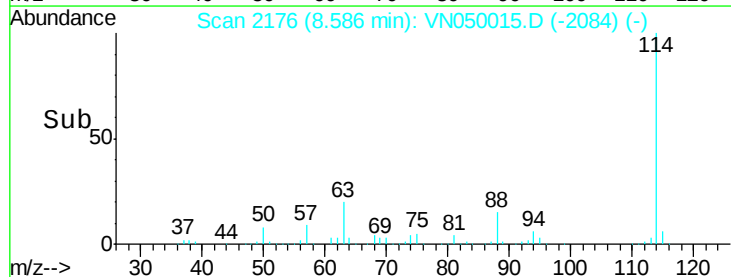
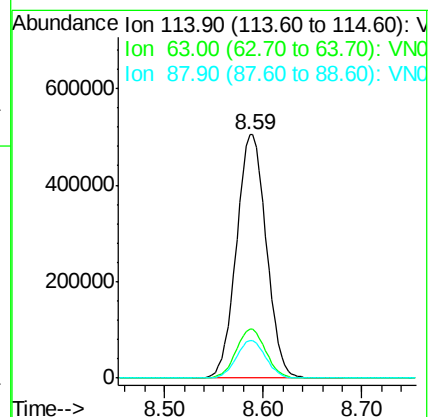
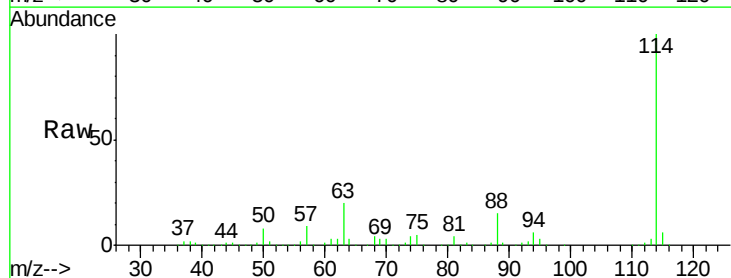
Tgt Ion: 114 Resp: 1054328

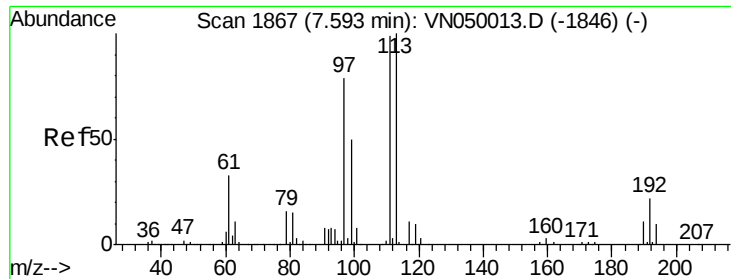
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 139.283 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

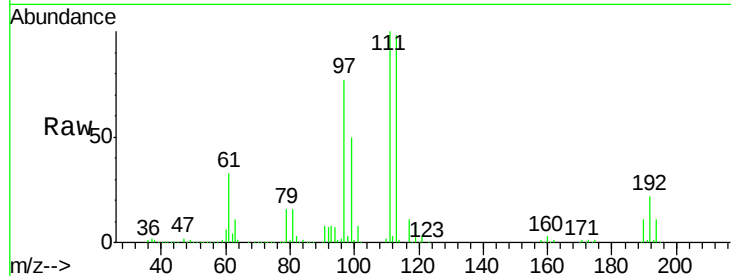
Tgt Ion: 113 Resp: 1232903

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.5 | 80.7  | 121.1 |
| 192 | 22.1  | 17.8  | 26.6  |

113 100

111 102.5 80.7 121.1

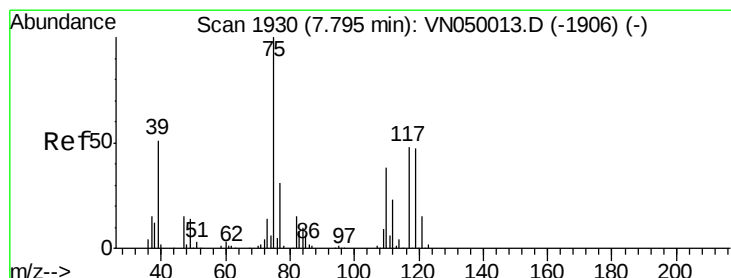
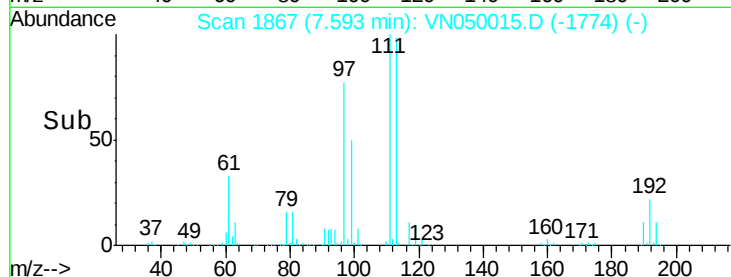
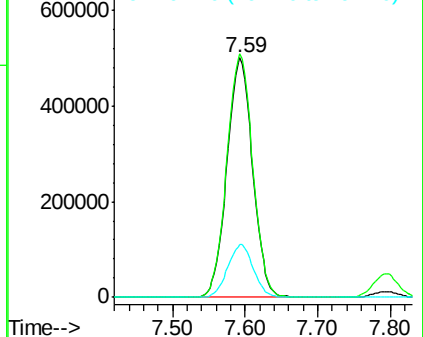
192 22.1 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 154.178 ug/l

RT: 7.80 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

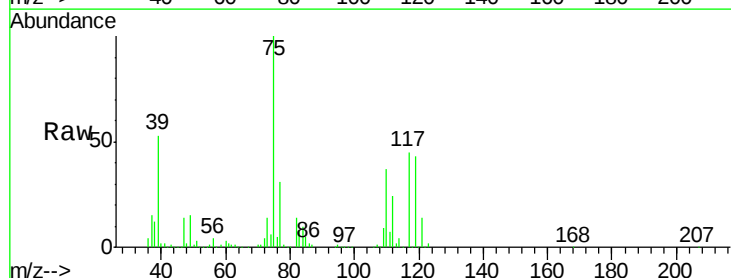
Tgt Ion: 75 Resp: 1817521

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 36.6  | 18.4  | 55.2  |
| 77  | 31.2  | 25.3  | 37.9  |

75 100

110 36.6 18.4 55.2

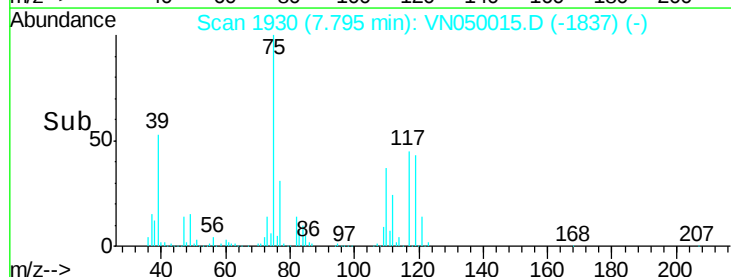
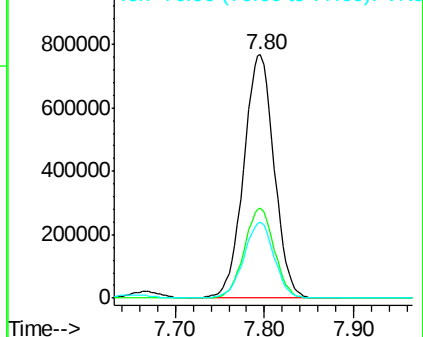
77 31.2 25.3 37.9

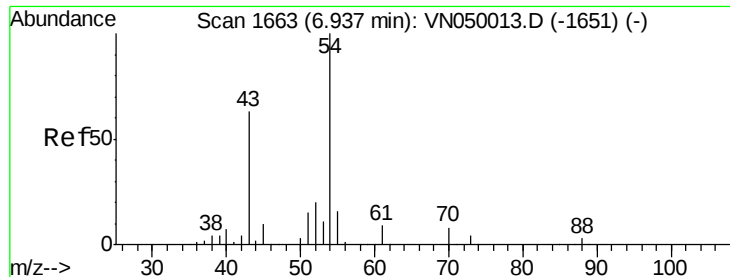


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 157.587 ug/l

RT: 6.94 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

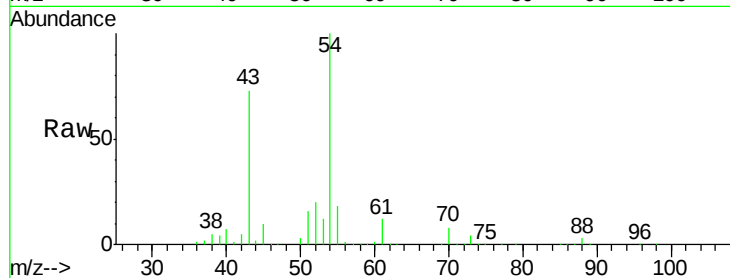
Tgt Ion: 43 Resp: 1271190

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 14.7  | 11.8  | 17.8  |
| 70  | 10.7  | 8.4   | 12.6  |

43 100

61 14.7 11.8 17.8

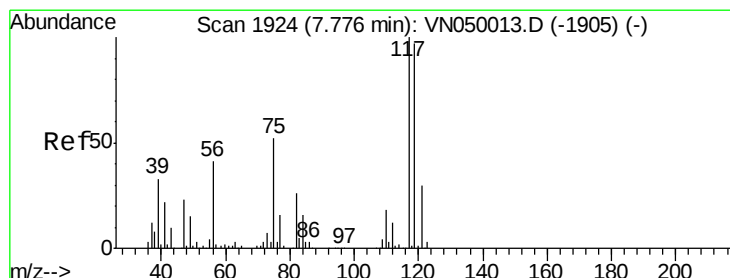
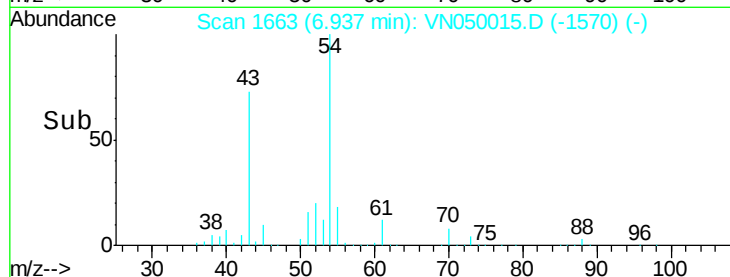
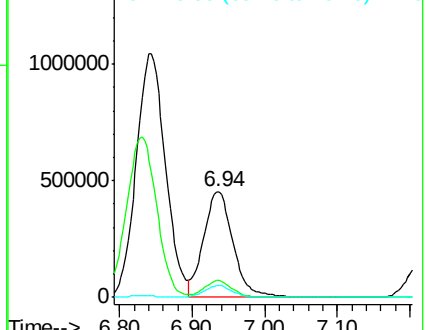
70 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN050013.D (-1651) (-)

Ion 60.90 (60.60 to 61.60): VN050013.D (-1651) (-)

Ion 70.00 (69.70 to 70.70): VN050013.D (-1651) (-)



#38

Carbon Tetrachloride

Concen: 144.190 ug/l

RT: 7.78 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

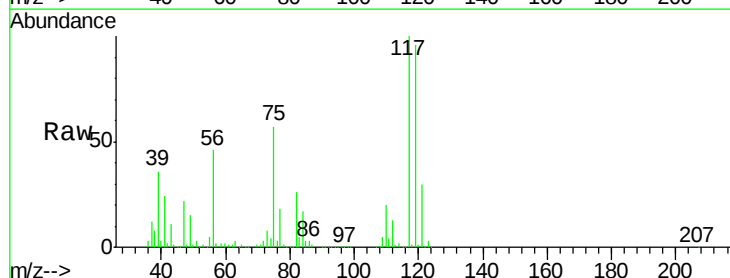
Tgt Ion: 117 Resp: 1821853

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.4  | 77.4  | 116.0 |
| 121 | 30.4  | 23.9  | 35.9  |

117 100

119 96.4 77.4 116.0

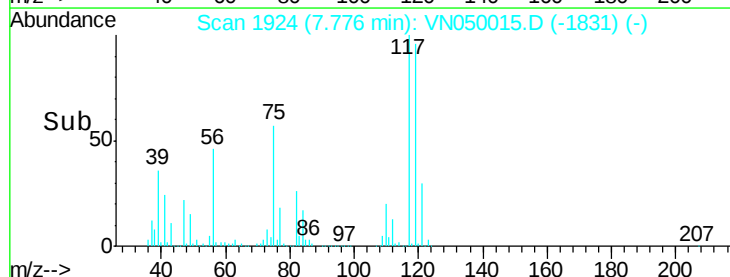
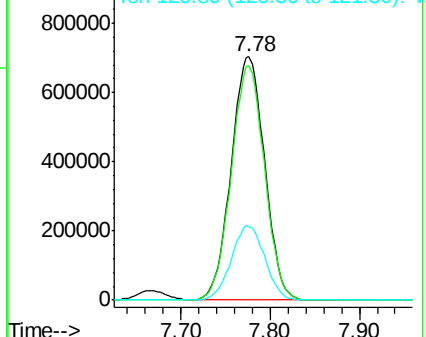
121 30.4 23.9 35.9

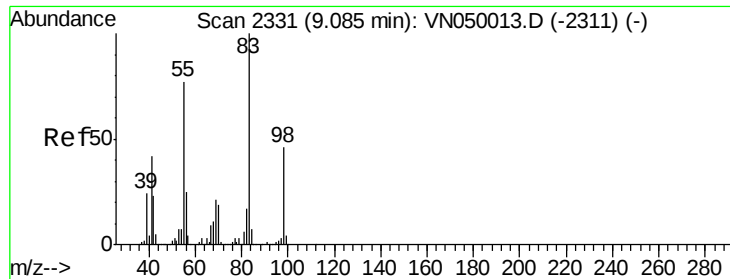


Abundance Ion 116.80 (116.50 to 117.50): VN050013.D (-1905) (-)

Ion 118.80 (118.50 to 119.50): VN050013.D (-1905) (-)

Ion 120.80 (120.50 to 121.50): VN050013.D (-1905) (-)





#39

Methylcyclohexane

Concen: 166.815 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

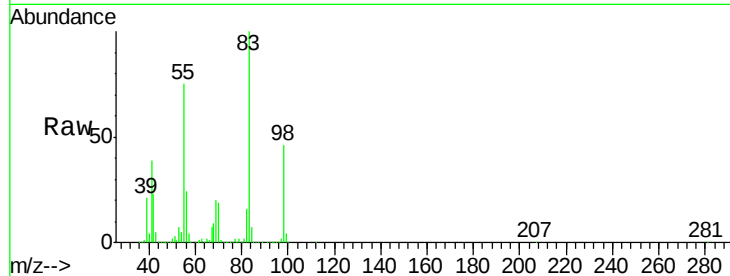
Tgt Ion: 83 Resp: 2034699

Ion Ratio Lower Upper

83 100

55 74.8 61.8 92.8

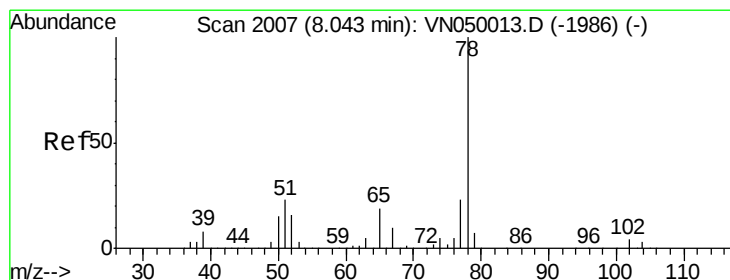
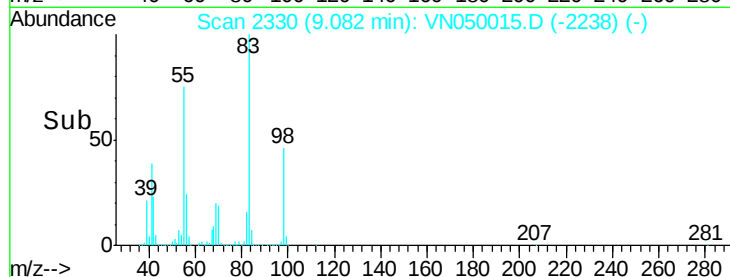
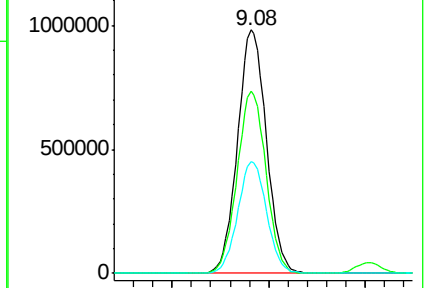
98 45.9 36.5 54.7



Abundance Ion 83.00 (82.70 to 83.70): VN050013.D (-2311) (-)

Ion 55.00 (54.70 to 55.70): VN050013.D (-2311) (-)

Ion 98.00 (97.70 to 98.70): VN050013.D (-2311) (-)



#40

Benzene

Concen: 150.138 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VN050015.D

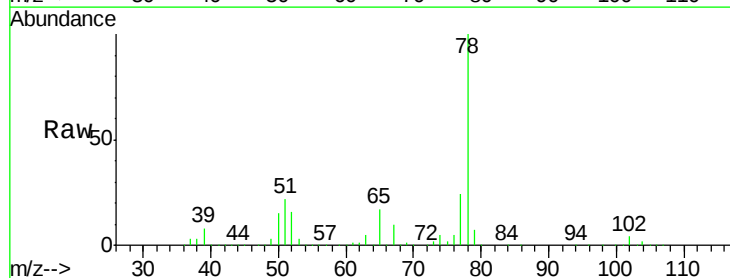
Acq: 23 Jul 2018 19:37

Tgt Ion: 78 Resp: 5404165

Ion Ratio Lower Upper

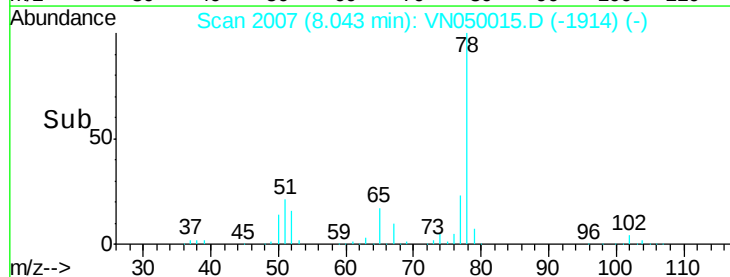
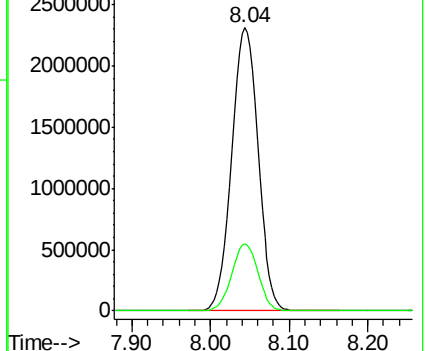
78 100

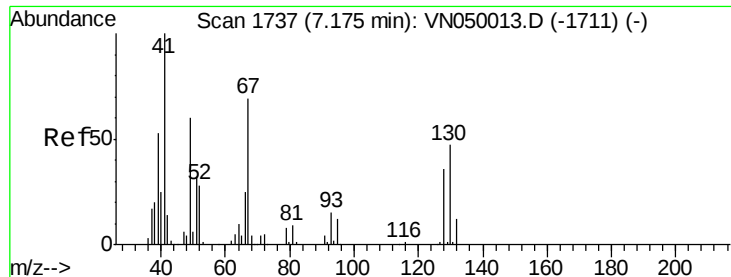
77 23.6 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN050013.D (-1986) (-)

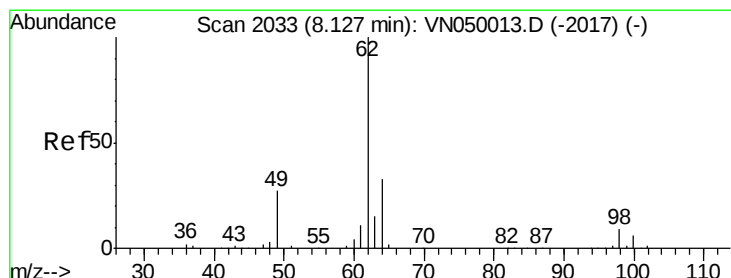
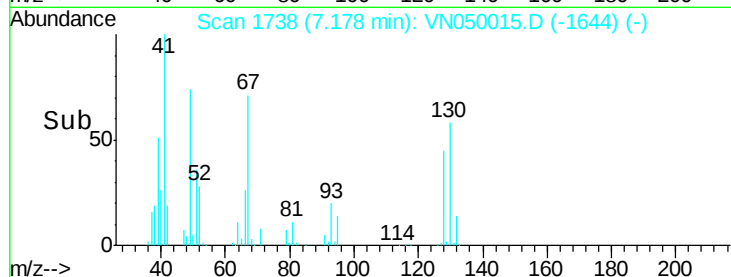
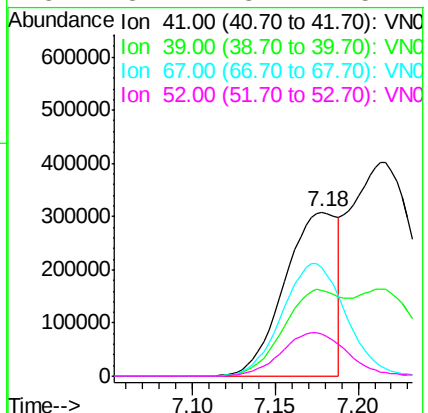
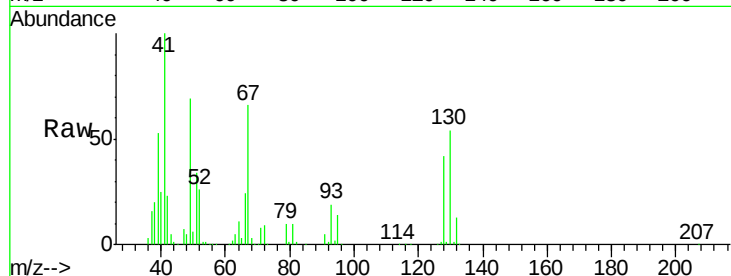
Ion 77.00 (76.70 to 77.70): VN050013.D (-1986) (-)





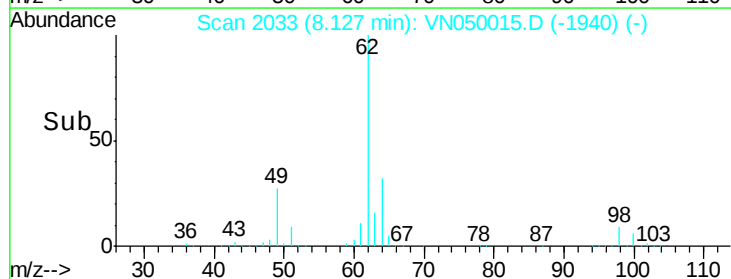
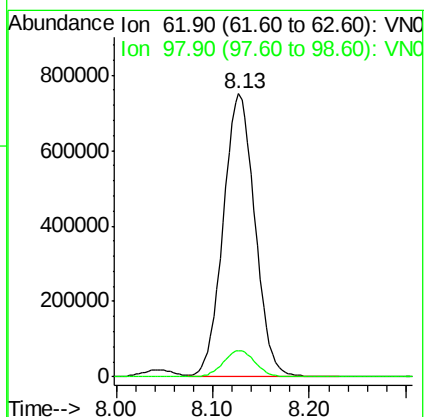
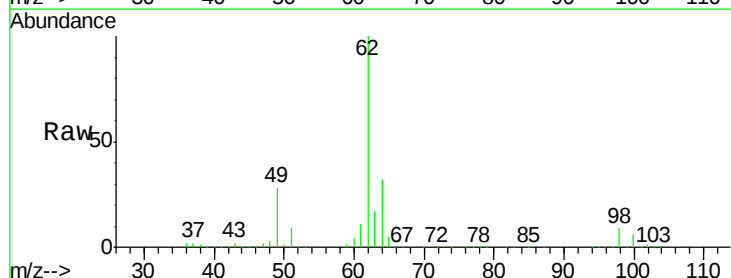
#41  
Methacrylonitrile  
Concen: 171.875 ug/l  
RT: 7.18 min Scan# 1738  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

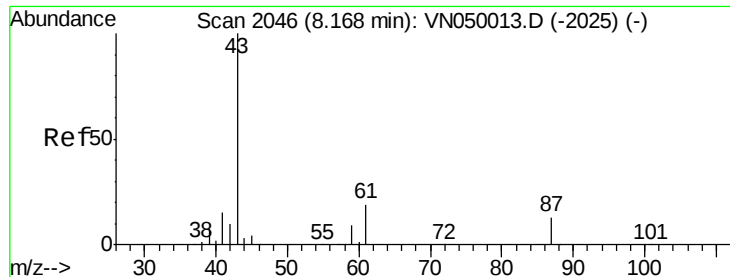
Tgt Ion: 41 Resp: 680224  
Ion Ratio Lower Upper  
41 100  
39 60.8 55.8 83.6  
67 83.4 84.3 126.5#  
52 32.7 34.2 51.2#



#42  
1,2-Dichloroethane  
Concen: 143.366 ug/l  
RT: 8.13 min Scan# 2033  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion: 62 Resp: 1704444  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 18.8





#43

Isopropyl Acetate

Concen: 162.969 ug/l

RT: 8.17 min Scan# 2046

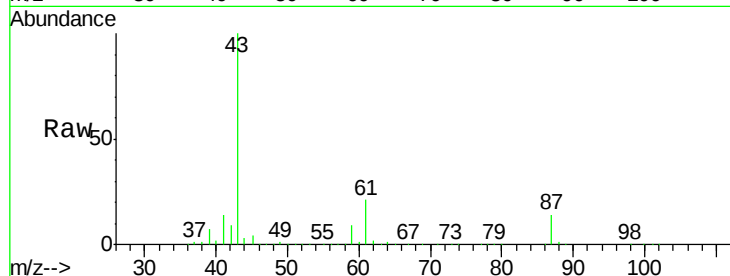
Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

Tgt Ion: 43 Resp: 2313699

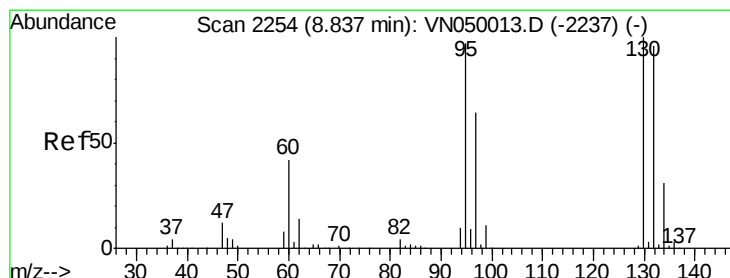
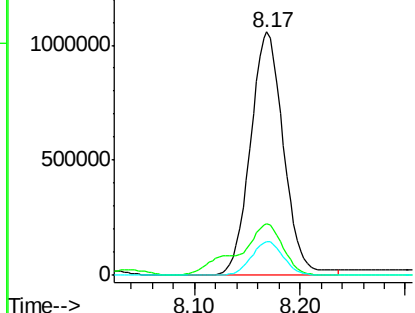
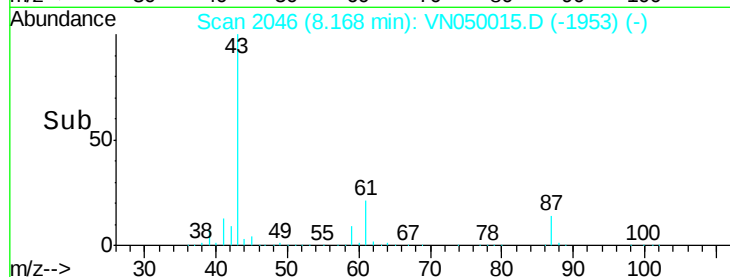
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 28.2  | 15.8  | 23.6# |
| 87  | 13.4  | 10.3  | 15.5  |



Abundance Ion 43.00 (42.70 to 43.70): VN050015.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN050015.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN050015.D (-1953) (-)



#44

Trichloroethene

Concen: 148.621 ug/l

RT: 8.84 min Scan# 2254

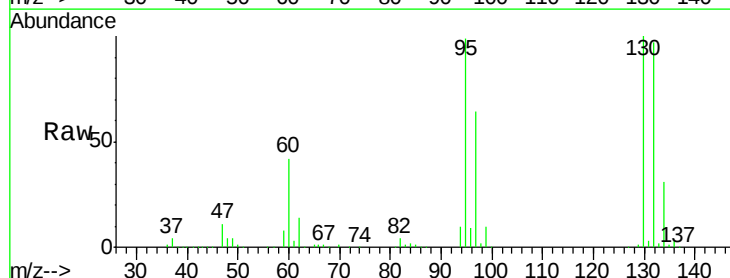
Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

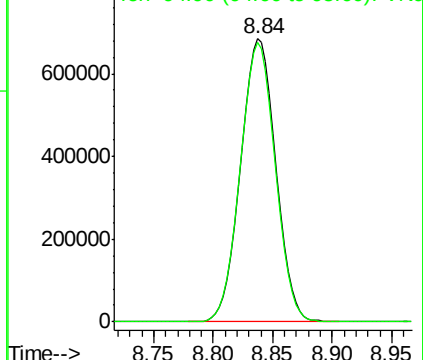
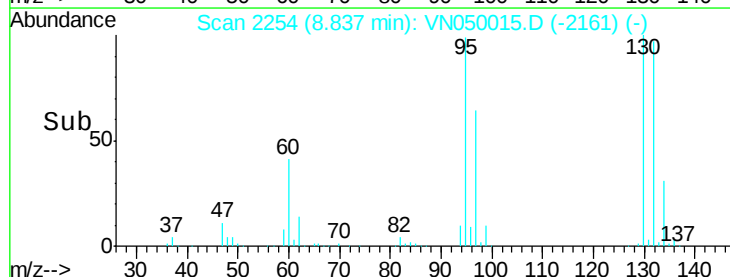
Tgt Ion: 130 Resp: 1401265

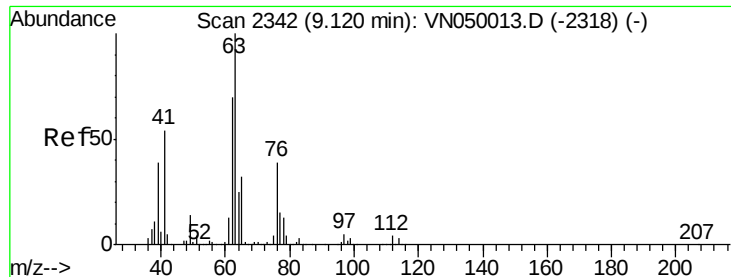
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 98.7  | 0.0   | 194.6 |



Abundance Ion 129.80 (129.50 to 130.50): VN050015.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN050015.D (-2161) (-)





#45

1,2-Dichloropropane

Concen: 145.373 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN050015.D

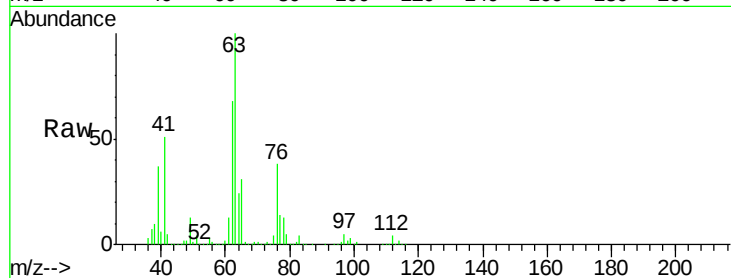
Acq: 23 Jul 2018 19:37

Tgt Ion: 63 Resp: 1406161

Ion Ratio Lower Upper

63 100

65 30.5 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

800000

600000

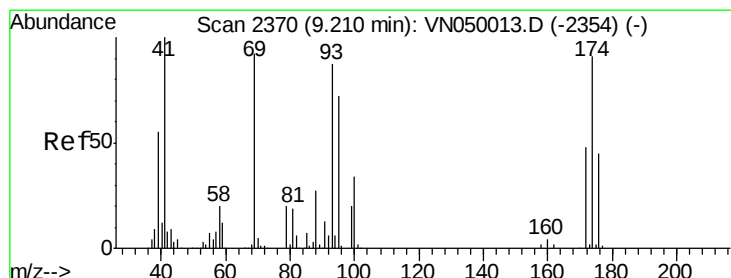
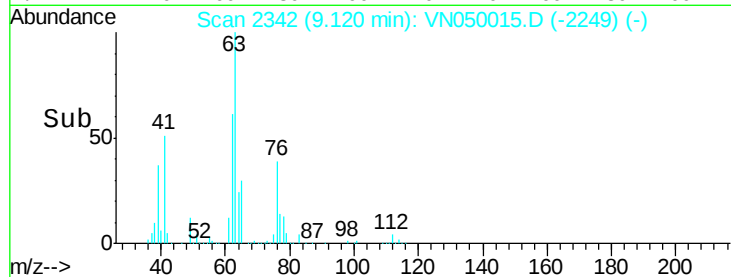
400000

200000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 143.966 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

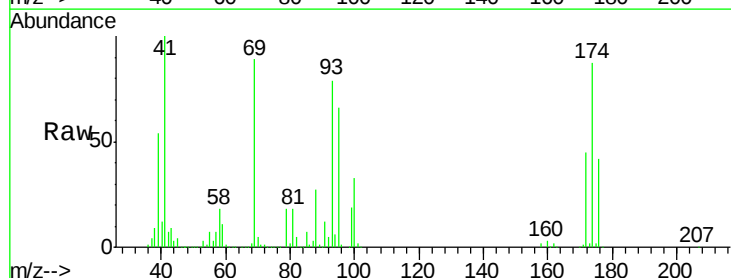
Tgt Ion: 93 Resp: 864075

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

174 110.9 87.1 130.7



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

600000

500000

400000

300000

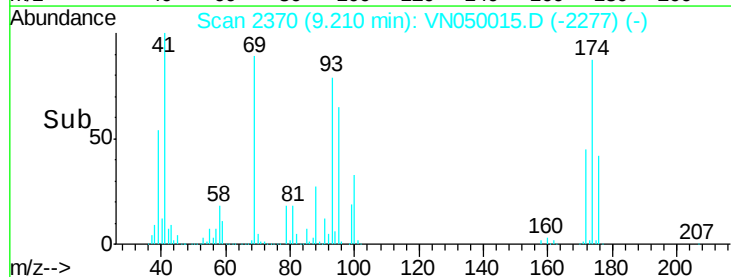
200000

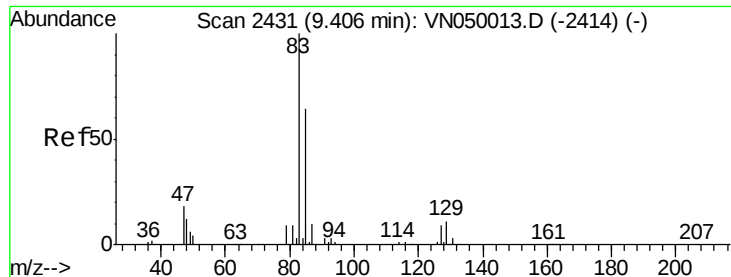
100000

0

9.10 9.20 9.30

Time-->





#47

Bromodichloromethane

Concen: 147.652 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

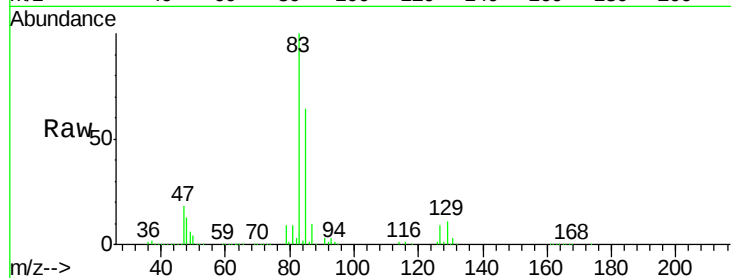
Tgt Ion: 83 Resp: 1830758

Ion Ratio Lower Upper

83 100

85 64.2 51.1 76.7

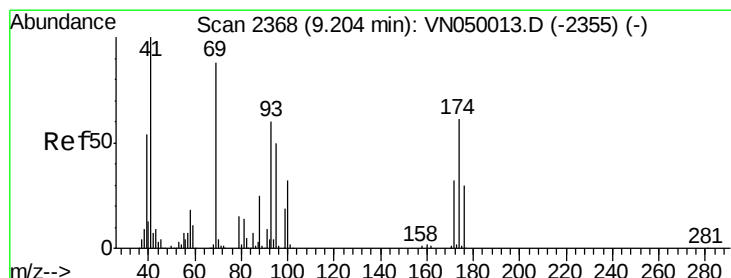
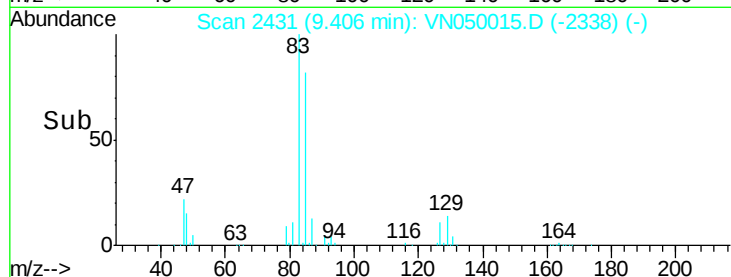
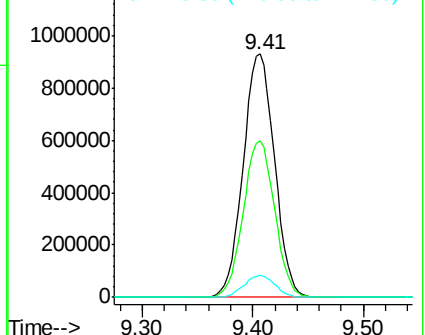
127 8.9 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN050015.D (-2338) (-)

Ion 84.90 (84.60 to 85.60): VN050015.D (-2338) (-)

Ion 126.80 (126.50 to 127.50): VN050015.D (-2338) (-)



#48

Methyl methacrylate

Concen: 167.813 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

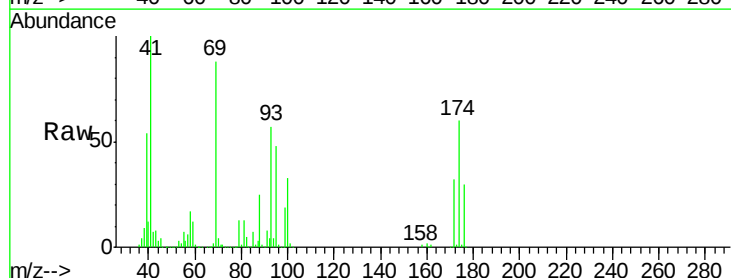
Tgt Ion: 41 Resp: 1195529

Ion Ratio Lower Upper

41 100

69 88.6 70.6 105.8

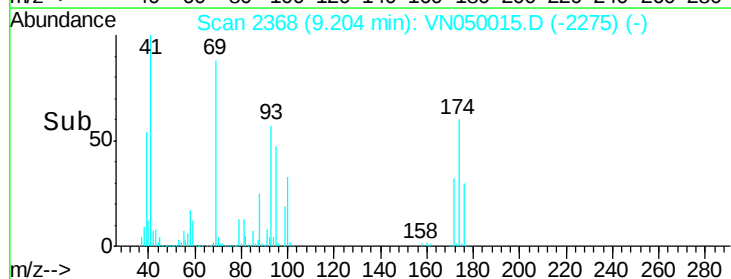
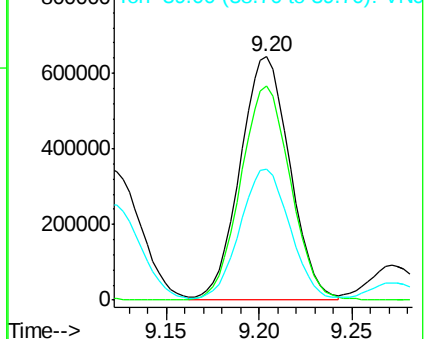
39 54.1 43.9 65.9

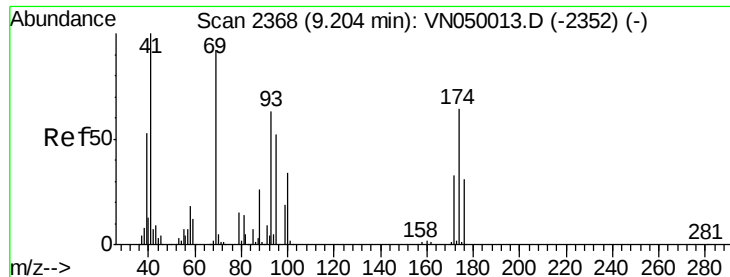


Abundance Ion 41.00 (40.70 to 41.70): VN050015.D (-2275) (-)

Ion 69.00 (68.70 to 69.70): VN050015.D (-2275) (-)

Ion 39.00 (38.70 to 39.70): VN050015.D (-2275) (-)





#49

1,4-Dioxane

Concen: 3271.110 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

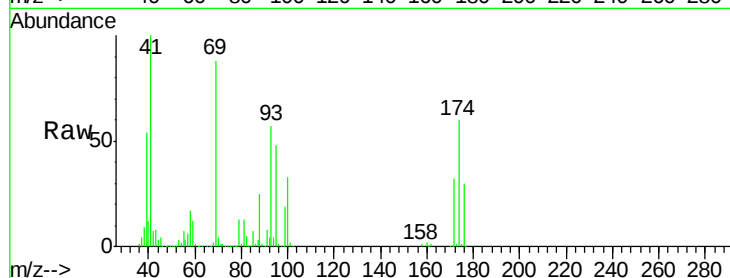
Tgt Ion: 88 Resp: 324928

Ion Ratio Lower Upper

88 100

43 32.3 26.9 40.3

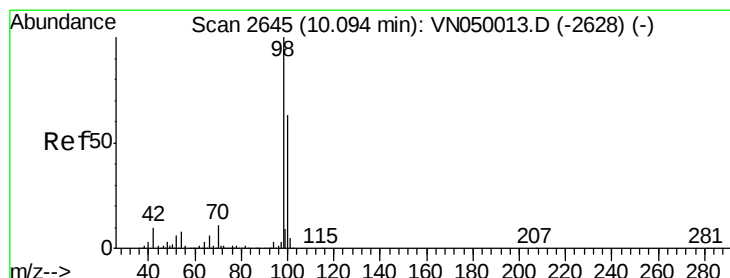
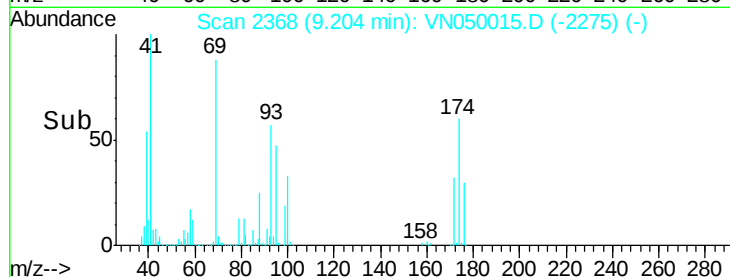
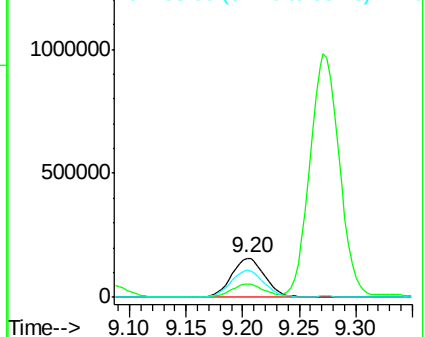
58 69.0 57.3 85.9



Abundance Ion 88.00 (87.70 to 88.70): VN050013.D (-2352) (-)

Ion 43.00 (42.70 to 43.70): VN050013.D (-2352) (-)

Ion 58.00 (57.70 to 58.70): VN050013.D (-2352) (-)



#50

Toluene-d8

Concen: 148.805 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050015.D

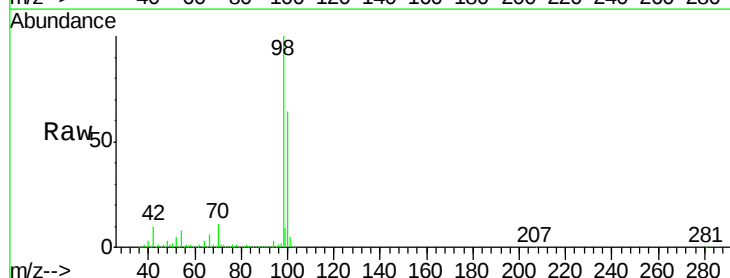
Acq: 23 Jul 2018 19:37

Tgt Ion: 98 Resp: 4794324

Ion Ratio Lower Upper

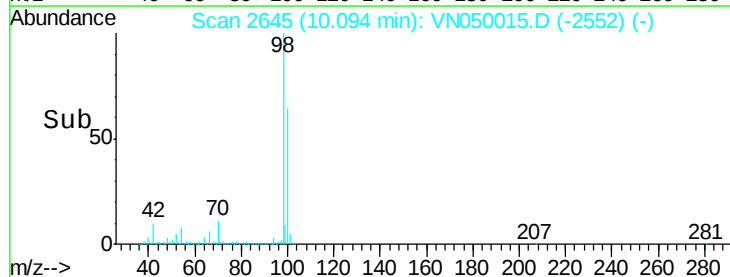
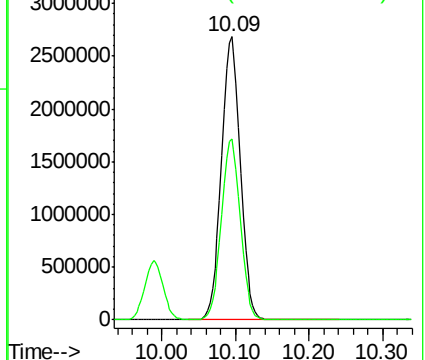
98 100

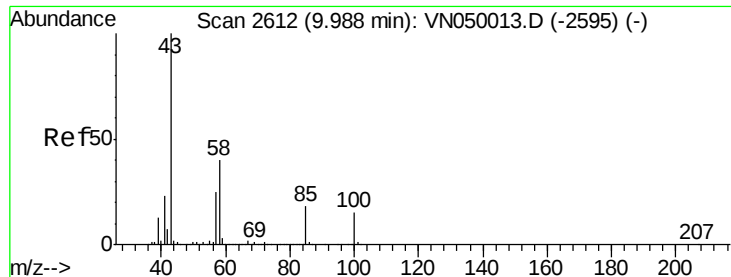
100 64.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050013.D (-2628) (-)

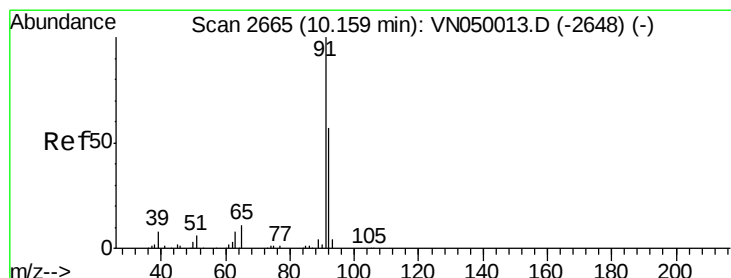
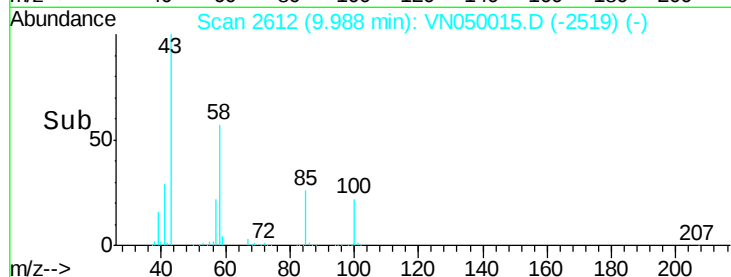
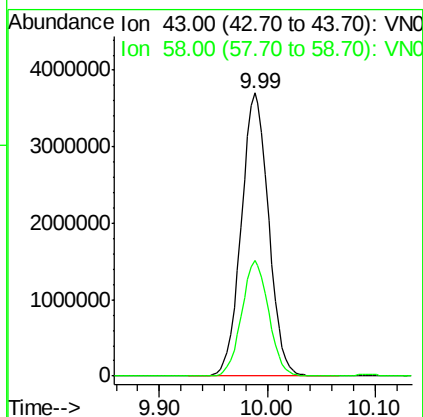
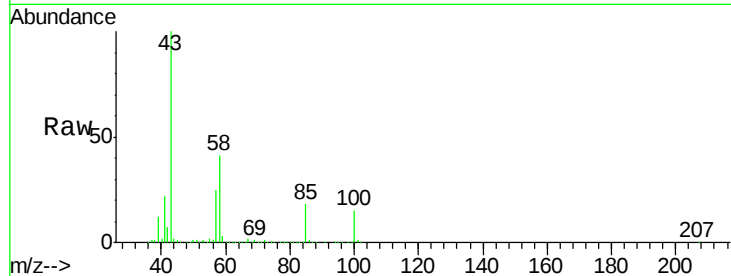
Ion 100.00 (99.70 to 100.70): VN050013.D (-2628) (-)





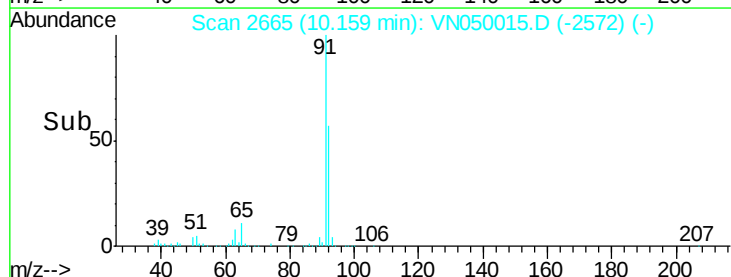
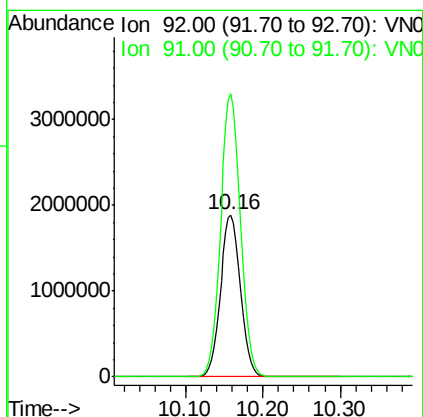
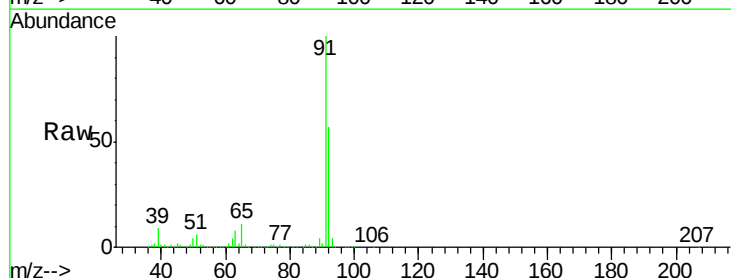
#51  
 4-Methyl-2-Pentanone  
 Concen: 824.662 ug/l  
 RT: 9.99 min Scan# 2612  
 Delta R.T. 0.00 min  
 Lab File: VN050015.D  
 Acq: 23 Jul 2018 19:37

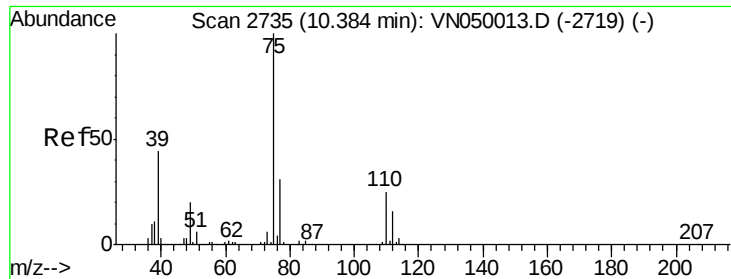
Tgt Ion: 43 Resp: 6514510  
 Ion Ratio Lower Upper  
 43 100  
 58 40.5 31.9 47.9



#52  
 Toluene  
 Concen: 158.545 ug/l  
 RT: 10.16 min Scan# 2665  
 Delta R.T. 0.00 min  
 Lab File: VN050015.D  
 Acq: 23 Jul 2018 19:37

Tgt Ion: 92 Resp: 3393814  
 Ion Ratio Lower Upper  
 92 100  
 91 174.3 140.3 210.5

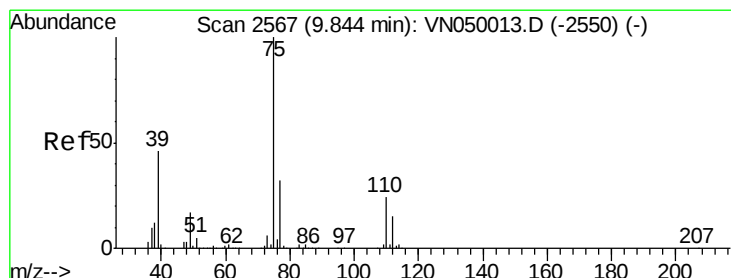
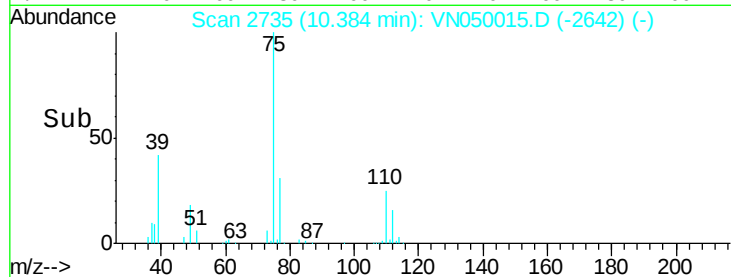
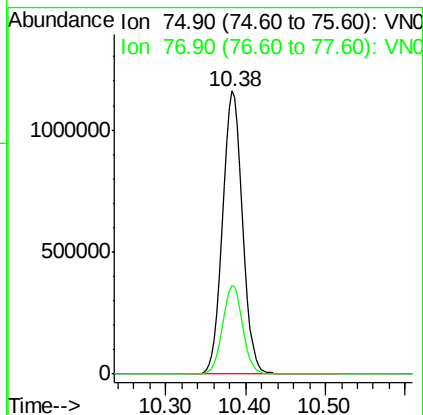
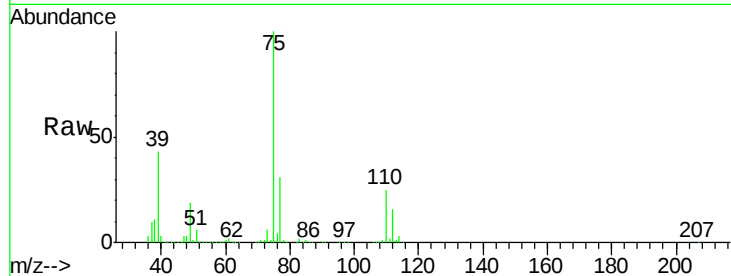




#53  
t-1,3-Dichloropropene  
Concen: 163.432 ug/l  
RT: 10.38 min Scan# 2735  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion: 75 Resp: 1998215  

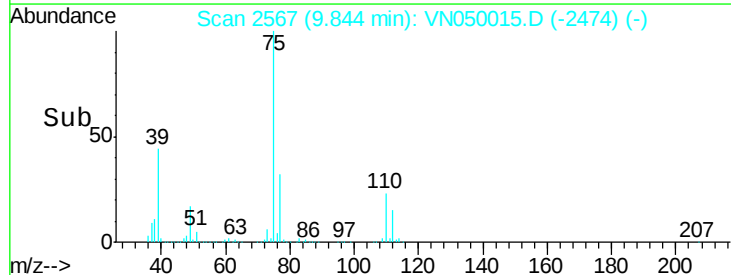
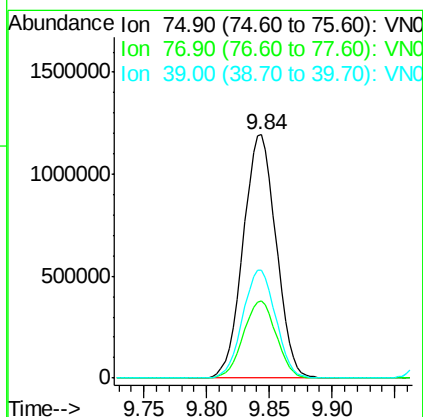
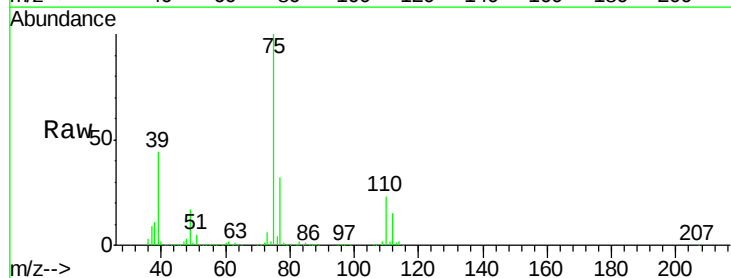
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 31.4  | 24.9  | 37.3  |

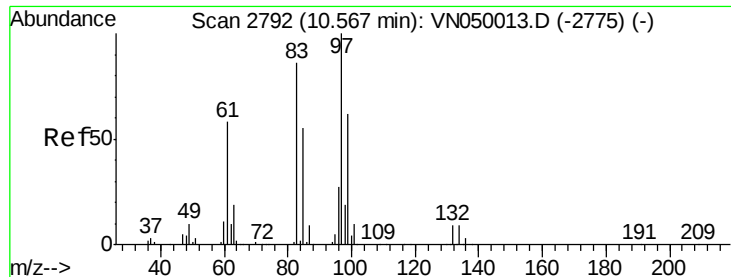


#54  
cis-1,3-Dichloropropene  
Concen: 161.652 ug/l  
RT: 9.84 min Scan# 2567  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion: 75 Resp: 2188542  

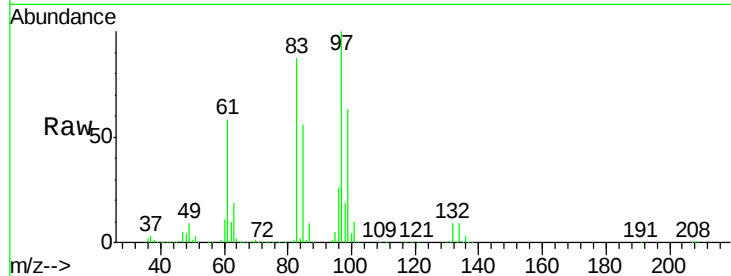
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 31.7  | 25.5  | 38.3  |
| 39  | 44.1  | 36.6  | 55.0  |



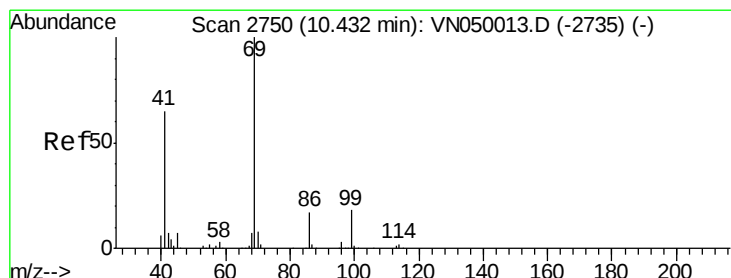
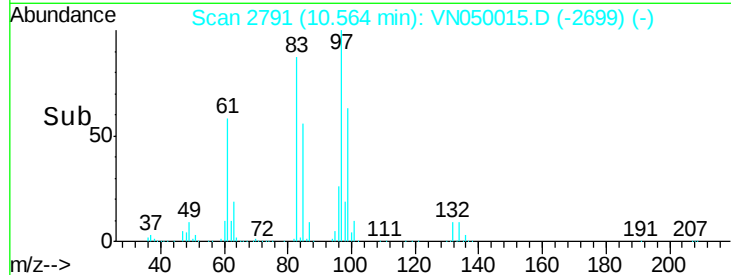
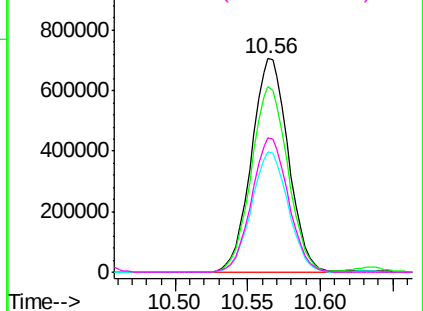


#55  
 1,1,2-Trichloroethane  
 Concen: 141.973 ug/l  
 RT: 10.56 min Scan# 2791  
 Delta R.T. -0.00 min  
 Lab File: VN050015.D  
 Acq: 23 Jul 2018 19:37

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 97    | Resp: | 1251450 |
| Ion      | Ratio | Lower | Upper   |
| 97       | 100   |       |         |
| 83       | 86.8  | 69.2  | 103.8   |
| 85       | 56.1  | 44.0  | 66.0    |
| 99       | 62.8  | 49.9  | 74.9    |

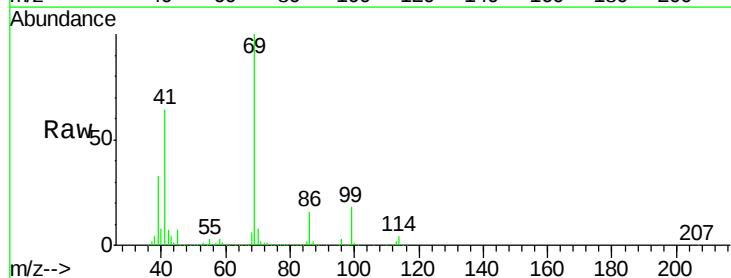


Abundance Ion 96.90 (96.60 to 97.60): VN0  
 Ion 82.90 (82.60 to 83.60): VN0  
 Ion 84.90 (84.60 to 85.60): VN0  
 Ion 98.90 (98.60 to 99.60): VN0

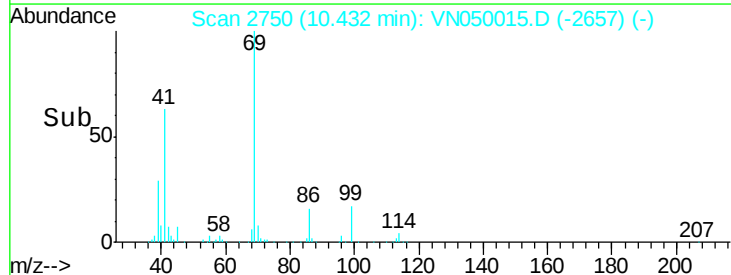
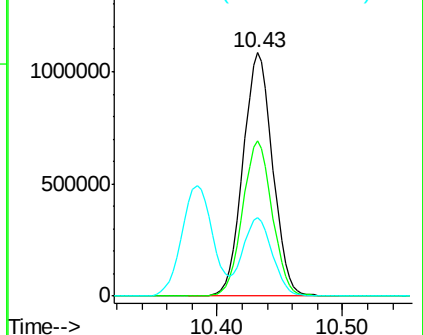


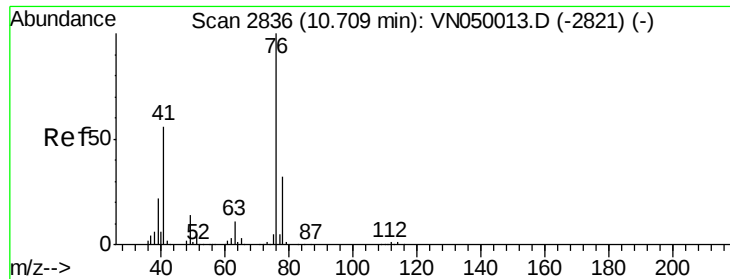
#56  
 Ethyl methacrylate  
 Concen: 174.053 ug/l  
 RT: 10.43 min Scan# 2750  
 Delta R.T. 0.00 min  
 Lab File: VN050015.D  
 Acq: 23 Jul 2018 19:37

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 69    | Resp: | 1780813 |
| Ion      | Ratio | Lower | Upper   |
| 69       | 100   |       |         |
| 41       | 63.4  | 51.0  | 76.4    |
| 39       | 32.2  | 26.6  | 40.0    |



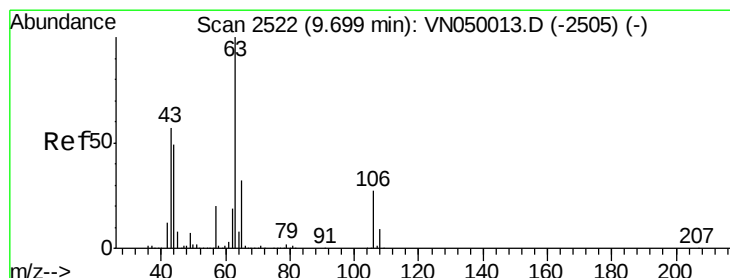
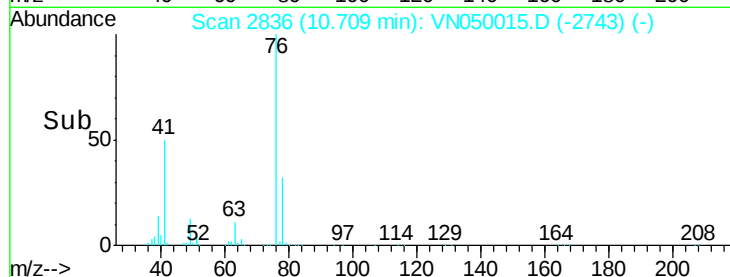
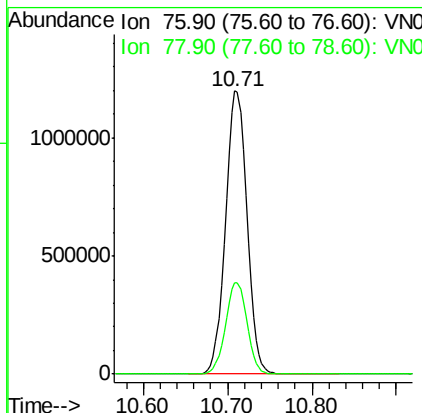
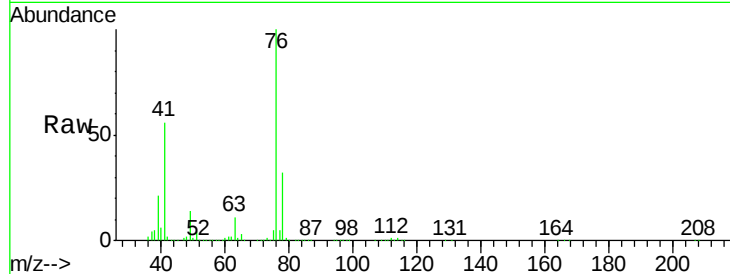
Abundance Ion 69.00 (68.70 to 69.70): VN0  
 Ion 41.00 (40.70 to 41.70): VN0  
 Ion 39.00 (38.70 to 39.70): VN0





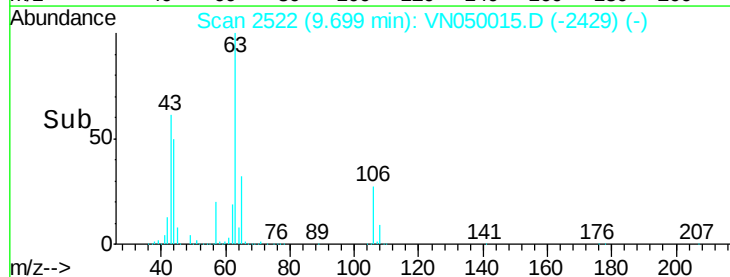
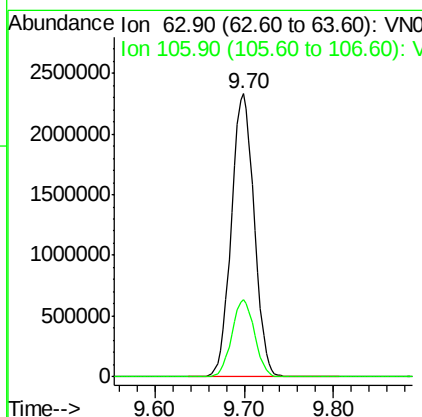
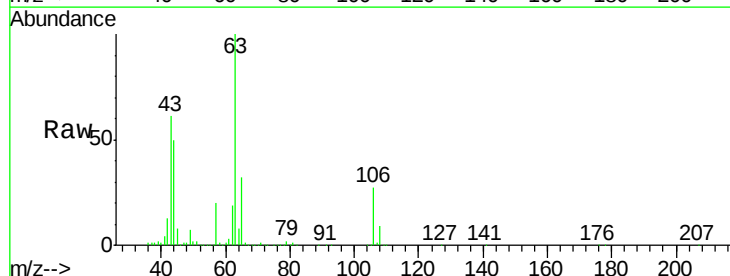
#57  
 1,3-Dichloropropane  
 Concen: 151.978 ug/l  
 RT: 10.71 min Scan# 2836  
 Delta R.T. 0.00 min  
 Lab File: VN050015.D  
 Acq: 23 Jul 2018 19:37

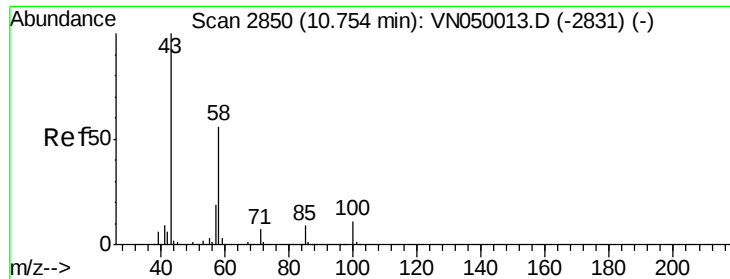
Tgt Ion: 76 Resp: 2113723  
 Ion Ratio Lower Upper  
 76 100  
 78 32.4 25.7 38.5



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 883.518 ug/l  
 RT: 9.70 min Scan# 2522  
 Delta R.T. 0.00 min  
 Lab File: VN050015.D  
 Acq: 23 Jul 2018 19:37

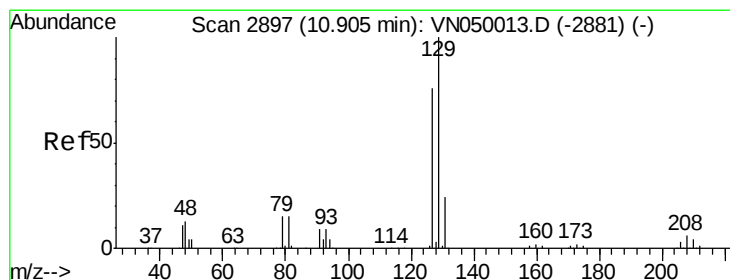
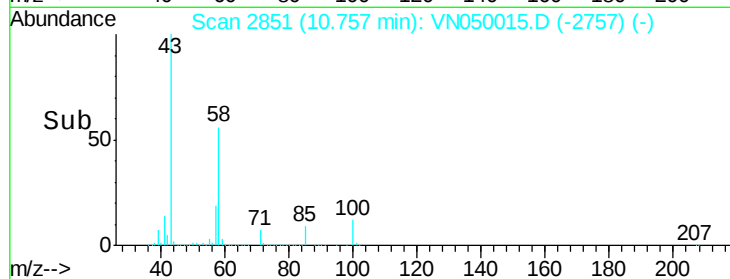
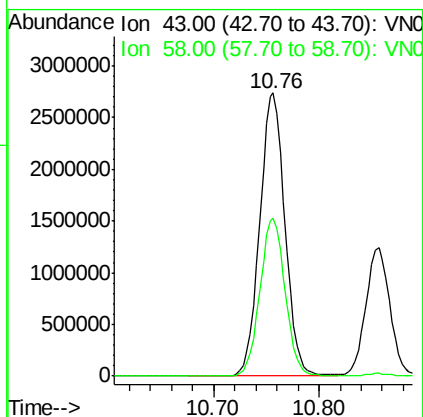
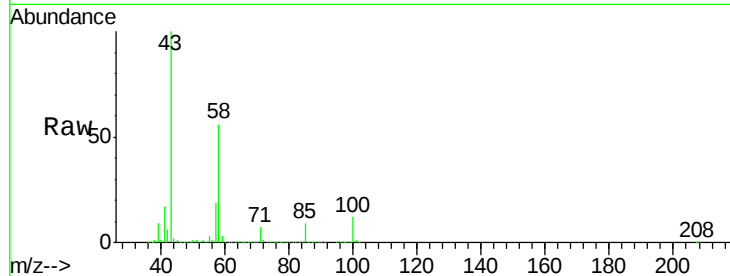
Tgt Ion: 63 Resp: 4124626  
 Ion Ratio Lower Upper  
 63 100  
 106 27.2 21.7 32.5





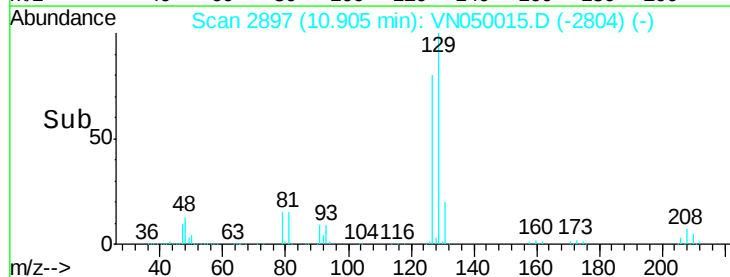
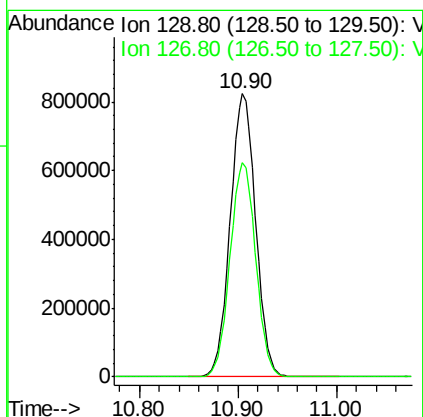
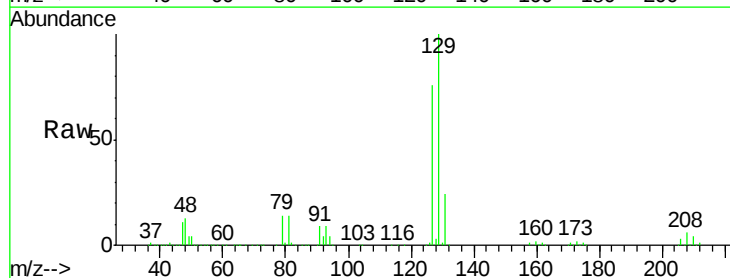
#59  
2-Hexanone  
Concen: 860.672 ug/l  
RT: 10.76 min Scan# 2851  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

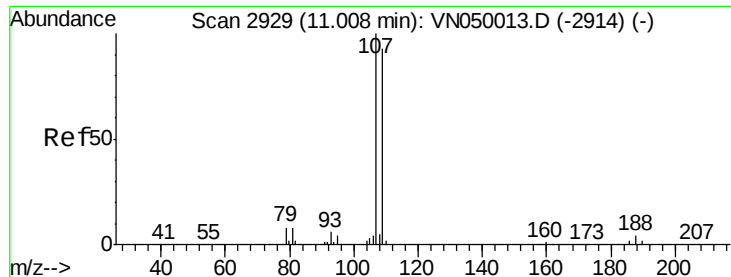
Tgt Ion: 43 Resp: 4560130  
Ion Ratio Lower Upper  
43 100  
58 56.0 27.6 82.7



#60  
Dibromochloromethane  
Concen: 152.064 ug/l  
RT: 10.90 min Scan# 2897  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion: 129 Resp: 1469091  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.0 113.9





#61

1,2-Dibromoethane

Concen: 157.193 ug/l

RT: 11.01 min Scan# 2930

Delta R.T. 0.00 min

Lab File: VN050015.D

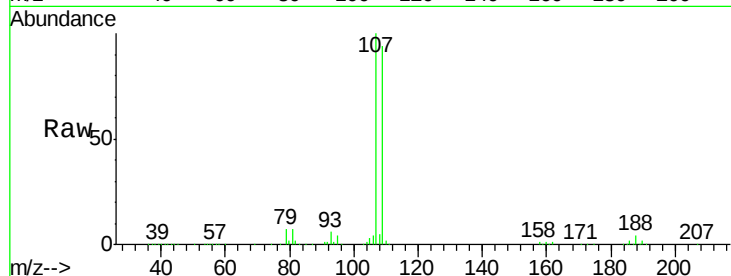
Acq: 23 Jul 2018 19:37

Tgt Ion: 107 Resp: 1297661

Ion Ratio Lower Upper

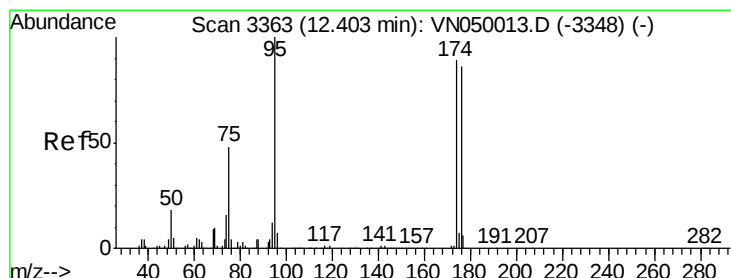
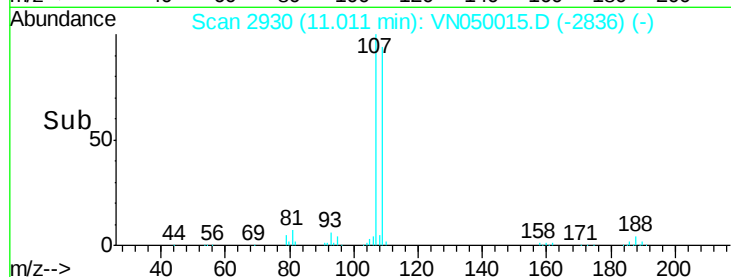
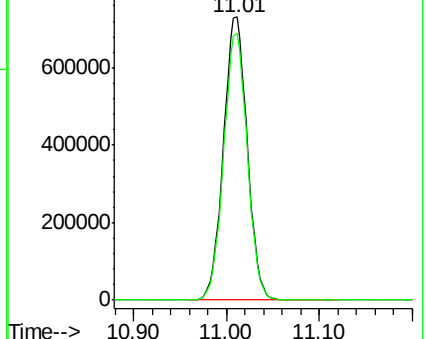
107 100

109 94.1 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 154.825 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

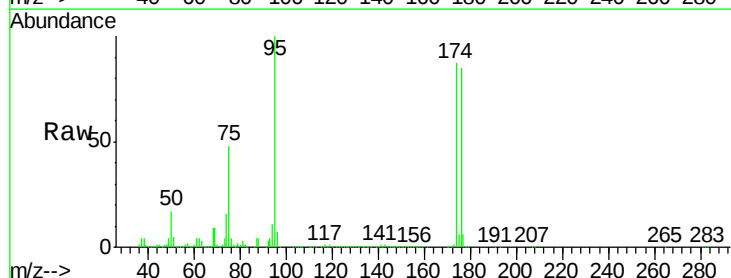
Tgt Ion: 95 Resp: 1706703

Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.2

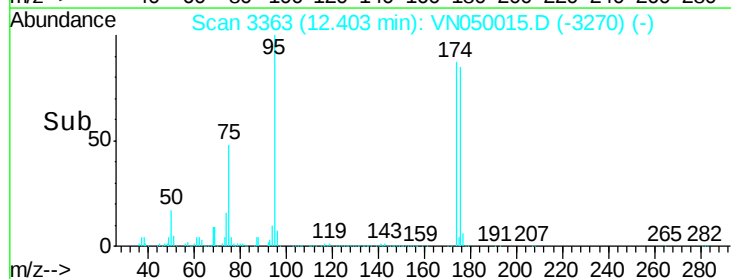
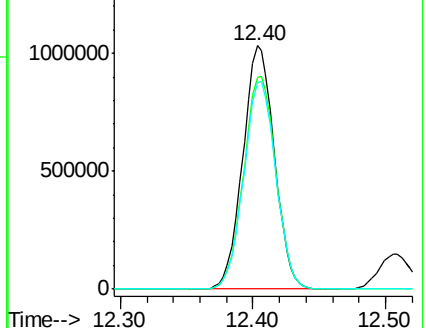
176 86.7 0.0 173.4

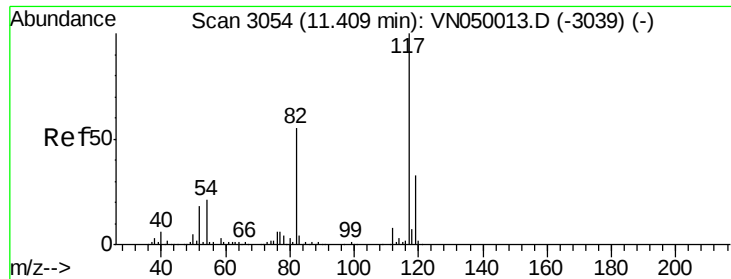


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

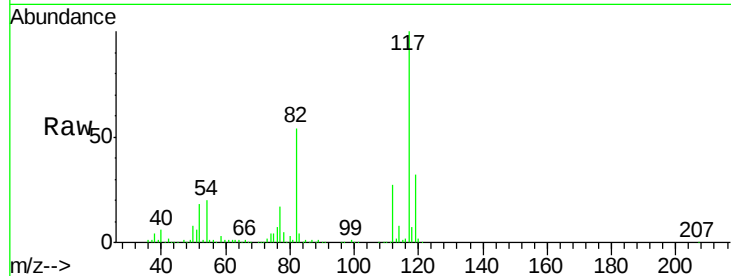
Ion 175.80 (175.50 to 176.50): V



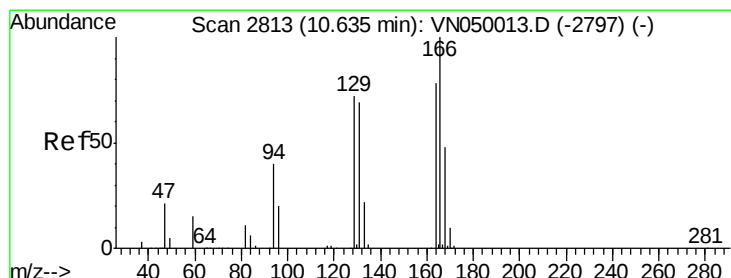
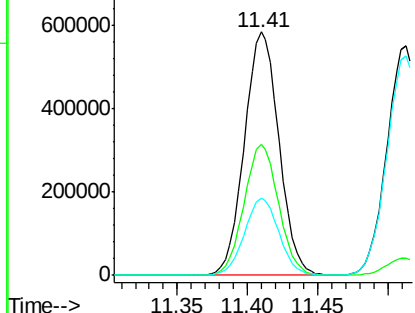
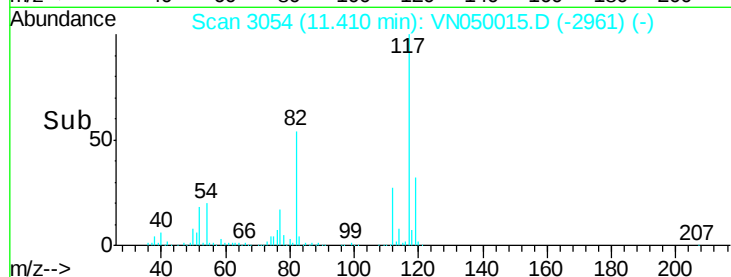


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 3054  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion:117 Resp: 1001169  
Ion Ratio Lower Upper  
117 100  
82 53.8 43.7 65.5  
119 31.7 26.1 39.1

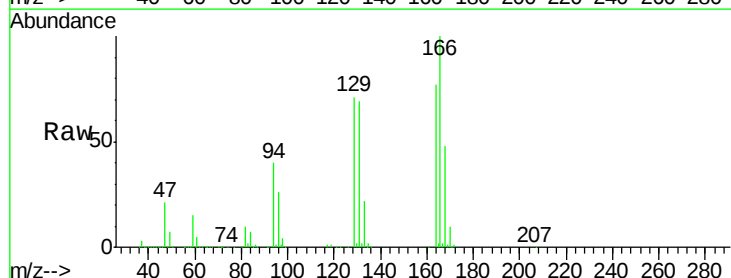


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

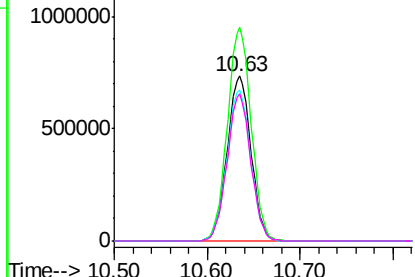
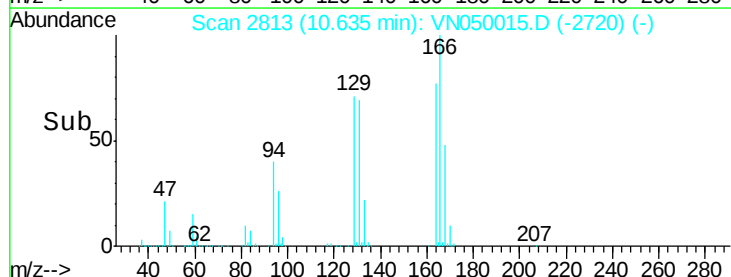


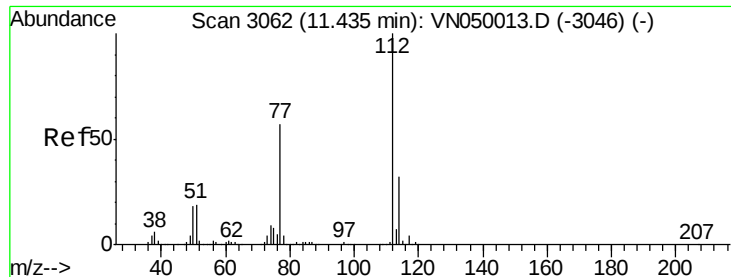
#64  
Tetrachloroethene  
Concen: 142.413 ug/l  
RT: 10.63 min Scan# 2813  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion:164 Resp: 1304383  
Ion Ratio Lower Upper  
164 100  
166 129.8 102.1 153.1  
129 91.8 73.2 109.8  
131 89.2 70.6 106.0



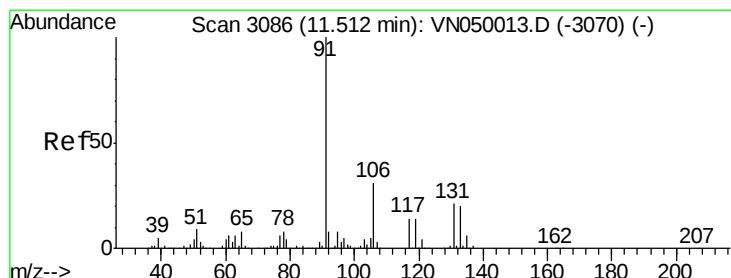
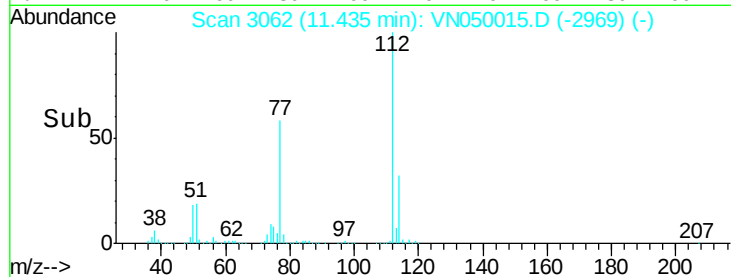
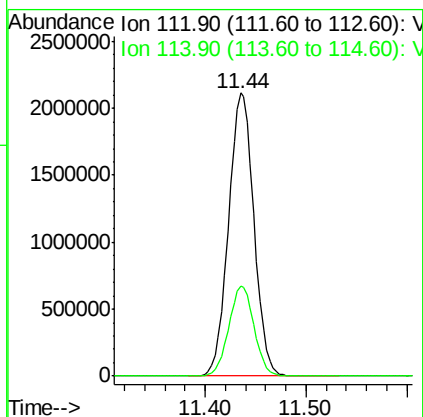
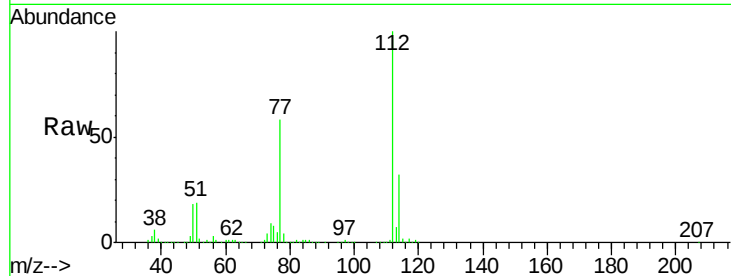
Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





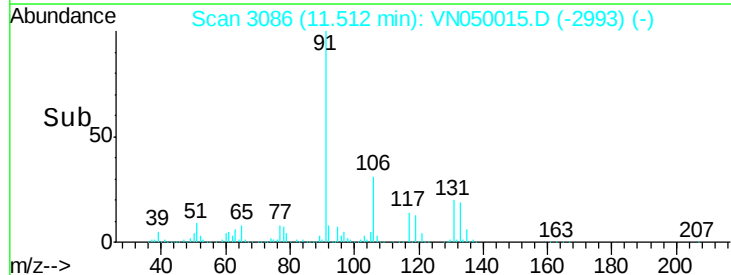
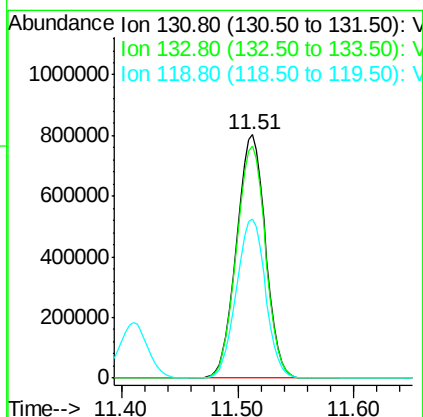
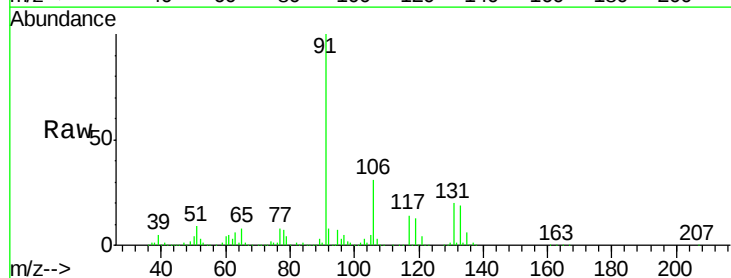
#65  
Chlorobenzene  
Concen: 146.440 ug/l  
RT: 11.44 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

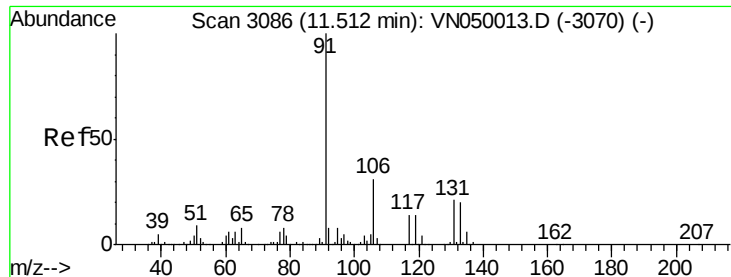
Tgt Ion:112 Resp: 3699607  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 141.813 ug/l  
RT: 11.51 min Scan# 3086  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

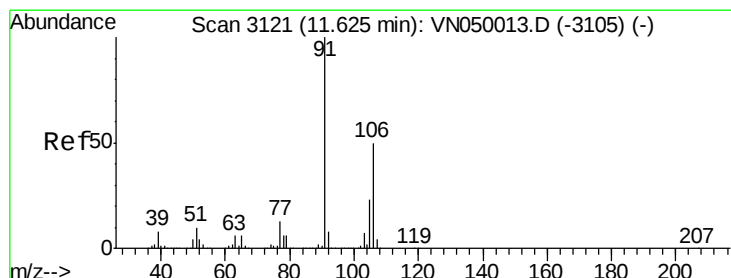
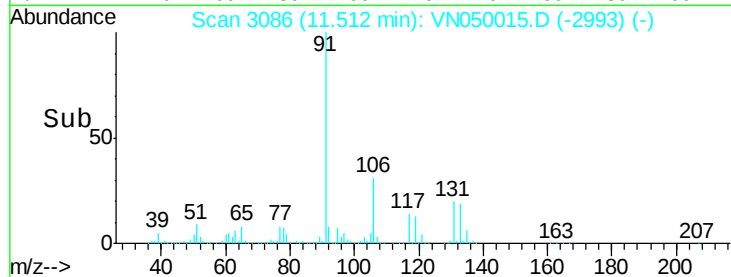
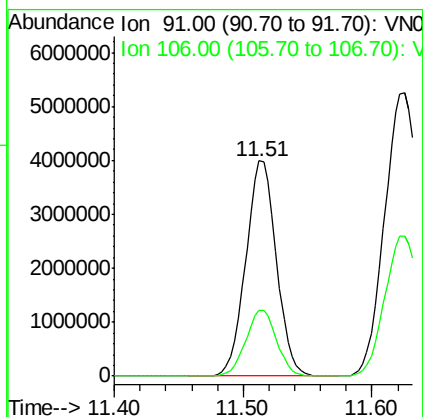
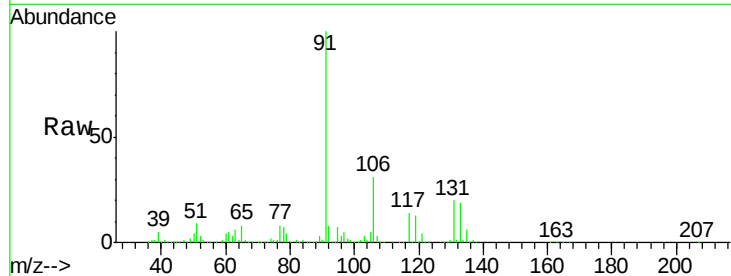
Tgt Ion:131 Resp: 1386742  
Ion Ratio Lower Upper  
131 100  
133 95.8 47.3 141.9  
119 65.8 32.9 98.7





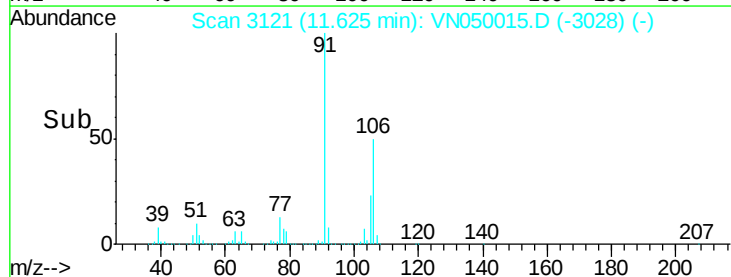
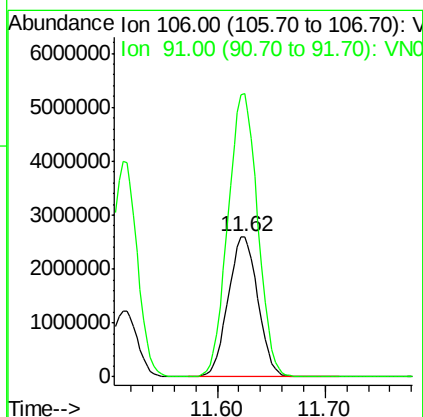
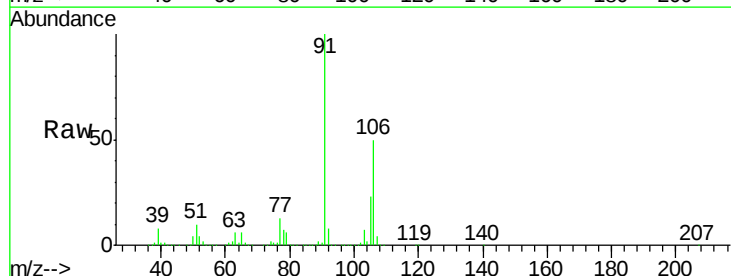
#67  
Ethyl Benzene  
Concen: 160.482 ug/l  
RT: 11.51 min Scan# 3086  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

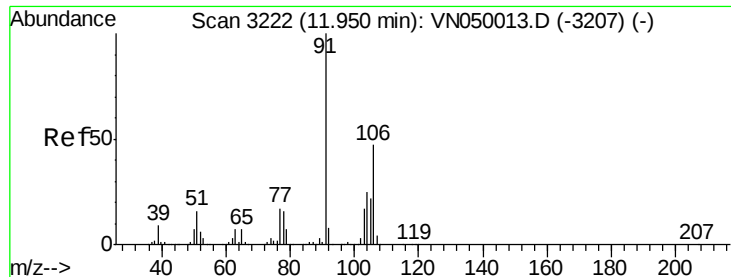
Tgt Ion: 91 Resp: 6575011  
Ion Ratio Lower Upper  
91 100  
106 30.7 25.0 37.4



#68  
m/p-Xylenes  
Concen: 322.005 ug/l  
RT: 11.62 min Scan# 3121  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

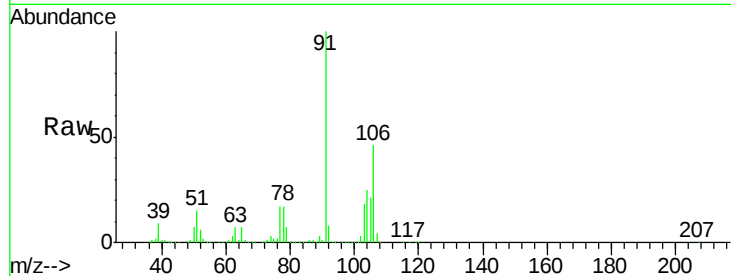
Tgt Ion: 106 Resp: 4988228  
Ion Ratio Lower Upper  
106 100  
91 202.5 162.2 243.2



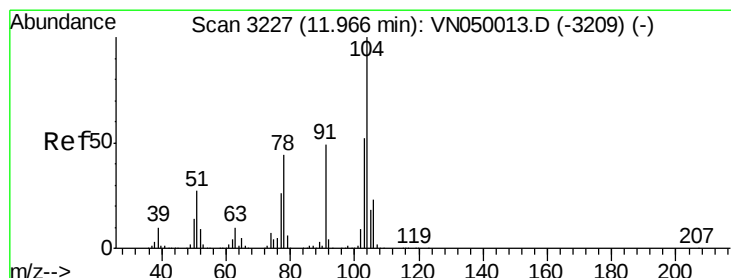
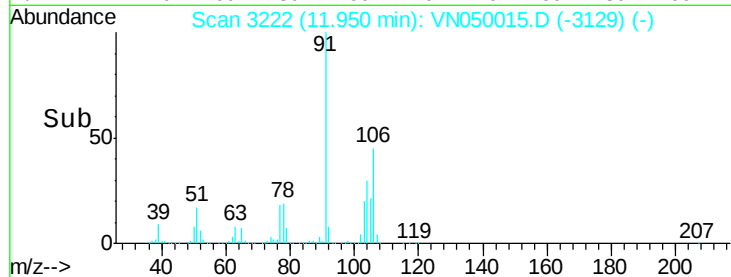
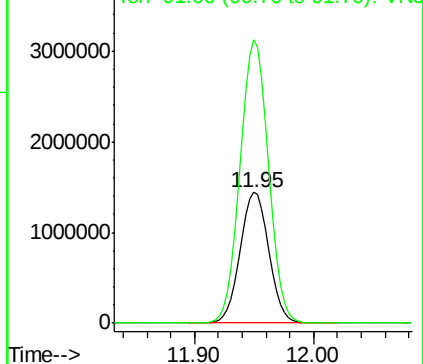


#69  
o-Xylene  
Concen: 161.753 ug/l  
RT: 11.95 min Scan# 3222  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion:106 Resp: 2405357  
Ion Ratio Lower Upper  
106 100  
91 214.5 107.7 323.1

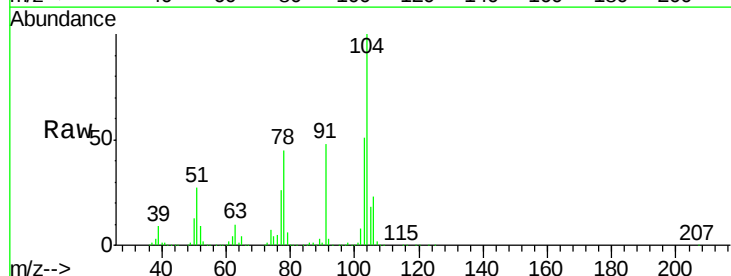


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN0

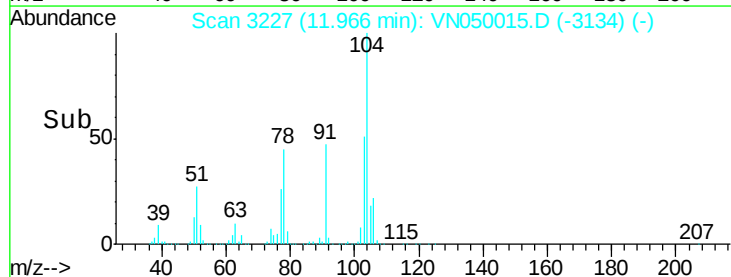
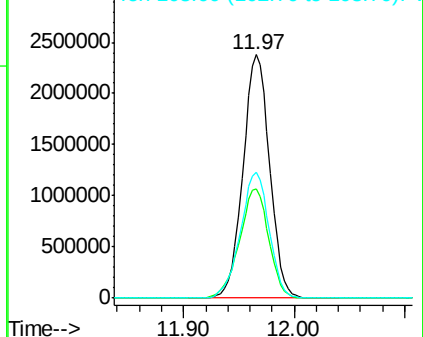


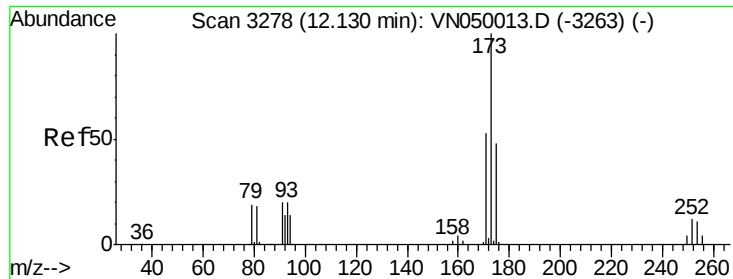
#70  
Styrene  
Concen: 164.968 ug/l  
RT: 11.97 min Scan# 3227  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion:104 Resp: 3955849  
Ion Ratio Lower Upper  
104 100  
78 49.3 39.3 58.9  
103 55.7 45.0 67.6



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: 155.158 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

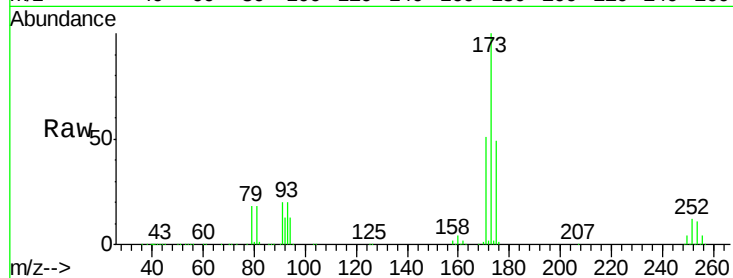
Tgt Ion:173 Resp: 1081212

Ion Ratio Lower Upper

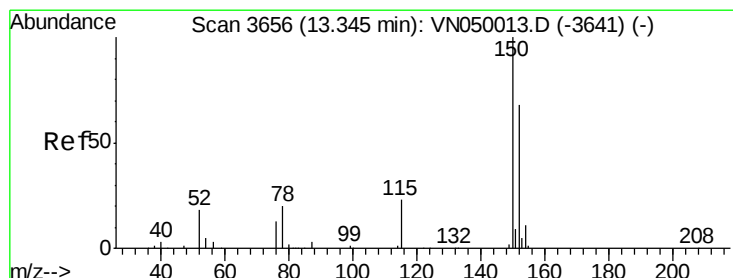
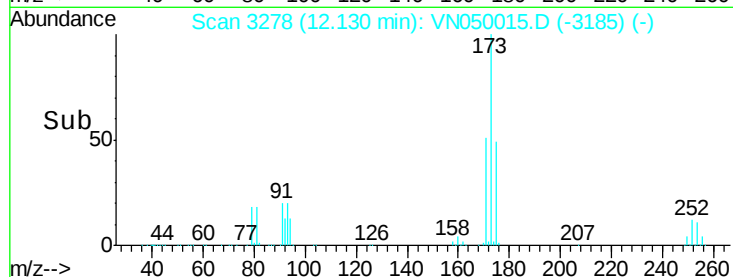
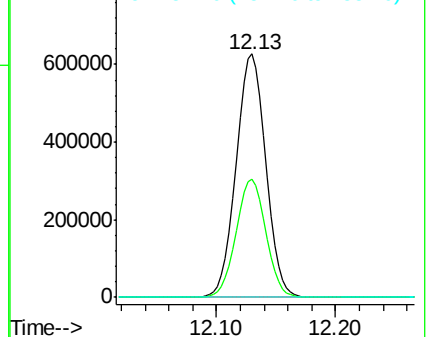
173 100

175 48.7 24.1 72.2

254 0.1 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: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

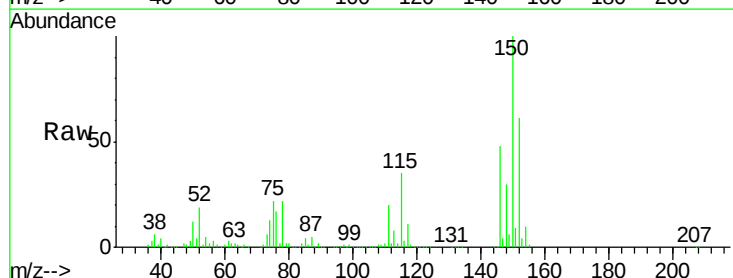
Tgt Ion:152 Resp: 547769

Ion Ratio Lower Upper

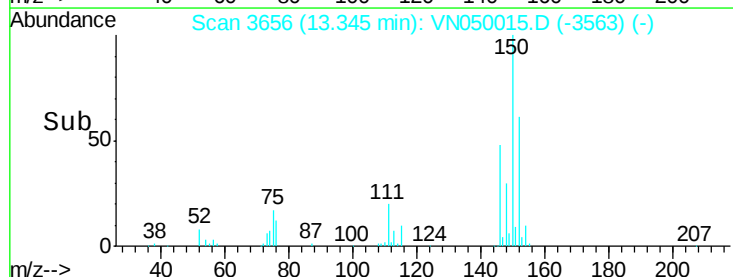
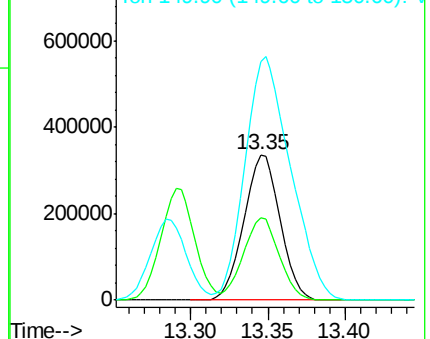
152 100

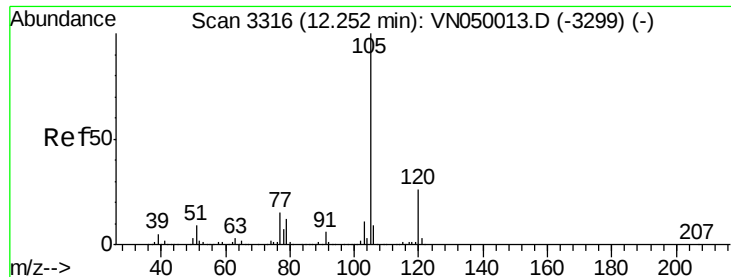
115 55.9 27.8 83.3

150 211.0 0.0 348.6



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 153.103 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050015.D

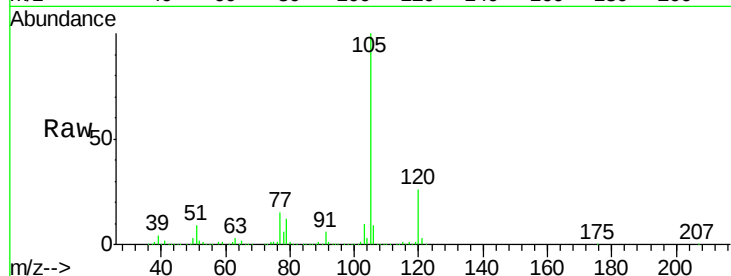
Acq: 23 Jul 2018 19:37

Tgt Ion: 105 Resp: 6409637

Ion Ratio Lower Upper

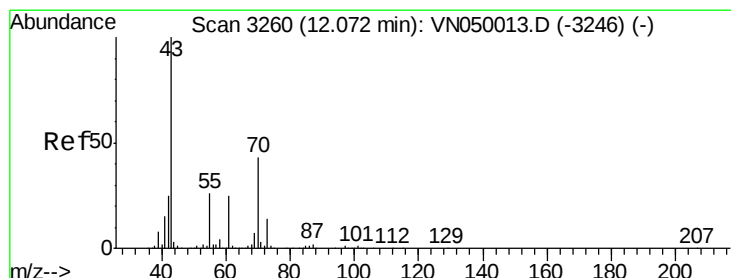
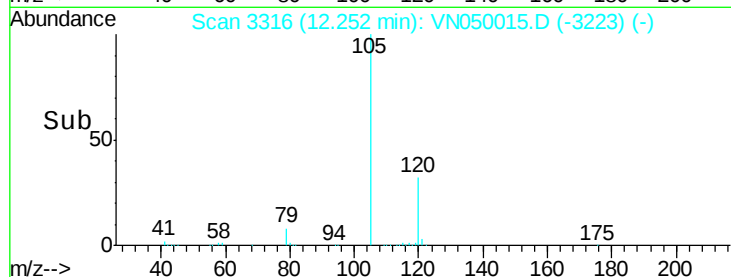
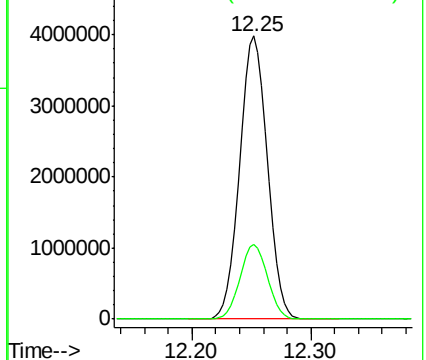
105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 162.170 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

Tgt Ion: 43 Resp: 2061845

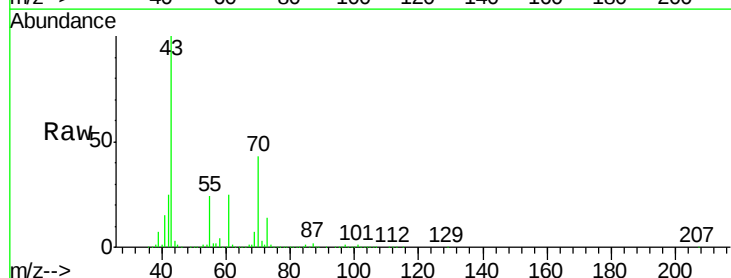
Ion Ratio Lower Upper

43 100

70 43.1 34.4 51.6

55 24.7 20.8 31.2

61 24.9 19.7 29.5

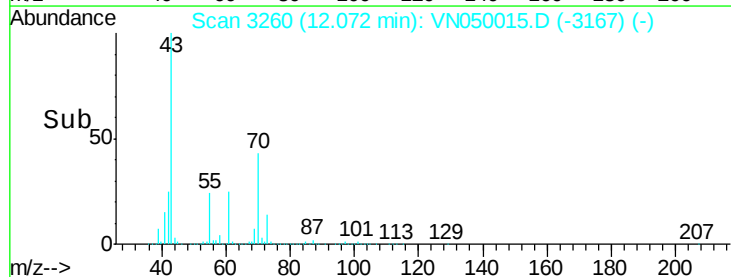
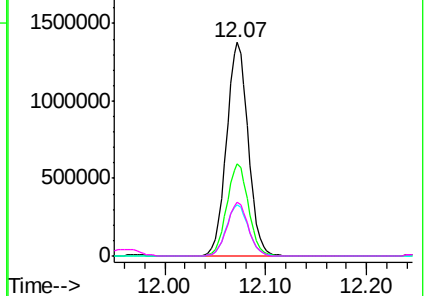


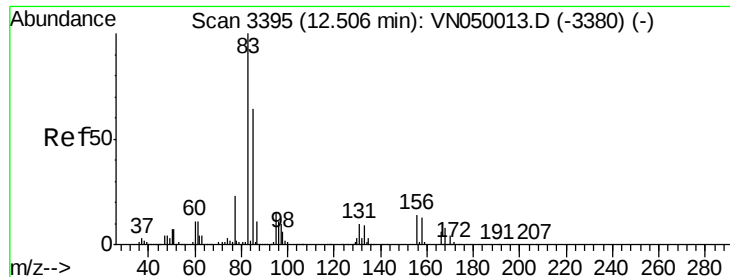
Abundance Ion 43.00 (42.70 to 43.70): V

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: 132.715 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

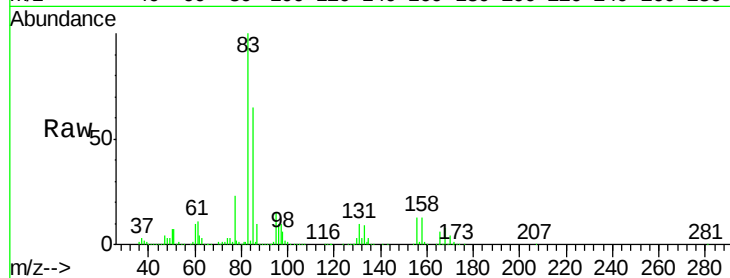
Tgt Ion: 83 Resp: 1660848

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 10.3  | 5.1   | 15.3  |
| 85  | 64.4  | 32.3  | 96.8  |

83 100

131 10.3 5.1 15.3

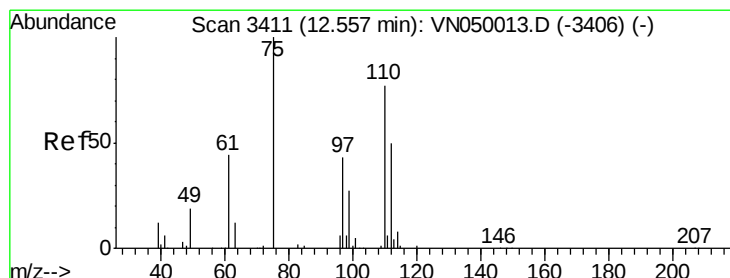
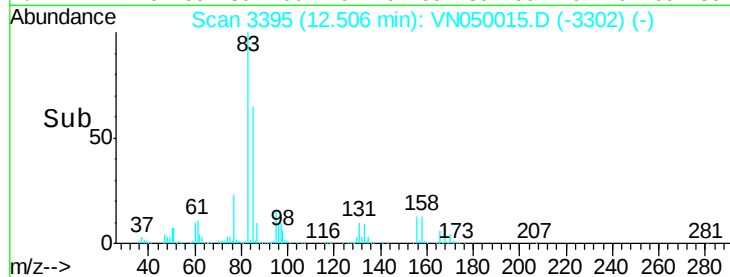
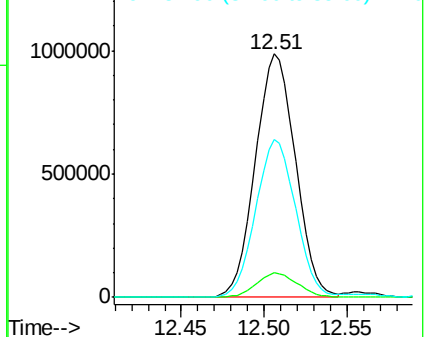
85 64.4 32.3 96.8



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: 208.342 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN050015.D

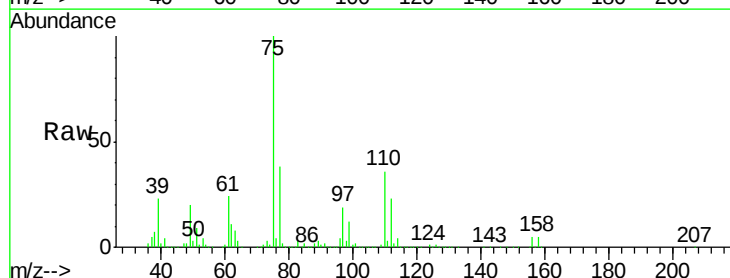
Acq: 23 Jul 2018 19:37

Tgt Ion: 75 Resp: 2134925

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

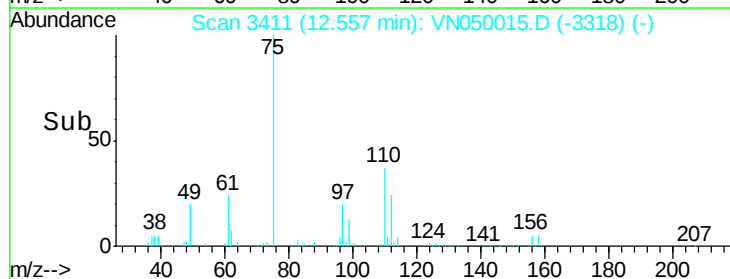
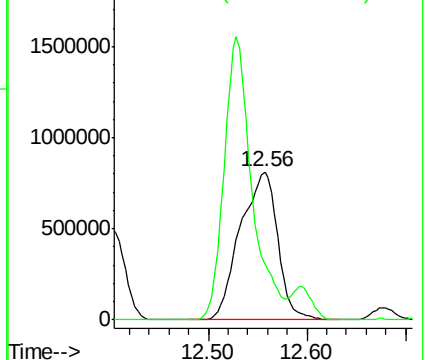
75 100

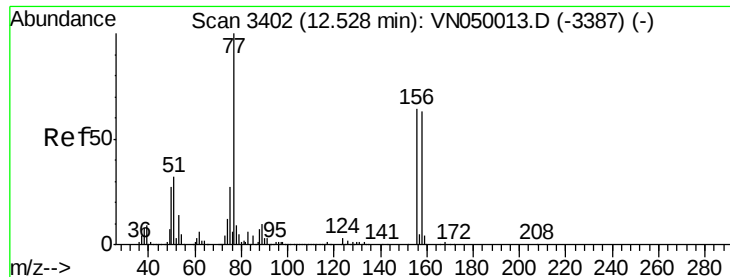
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 143.573 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

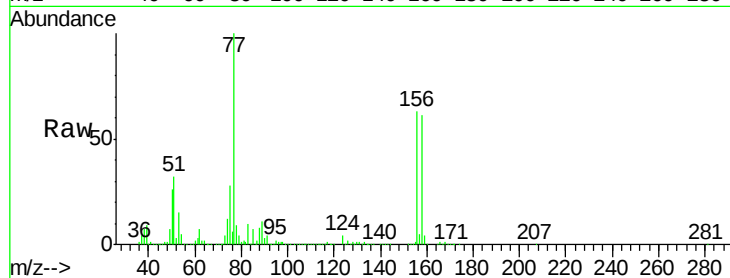
Tgt Ion: 156 Resp: 1659173

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 186.4 | 91.7  | 275.1 |
| 158 | 97.3  | 48.9  | 146.6 |

156 100

77 186.4 91.7 275.1

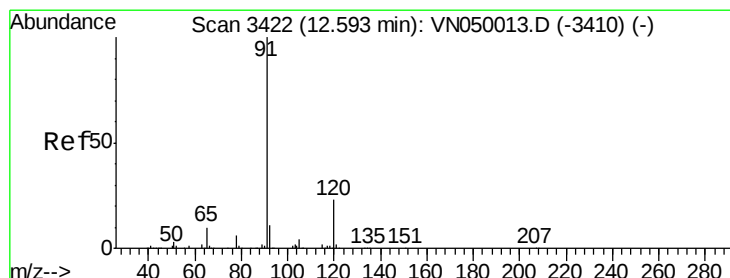
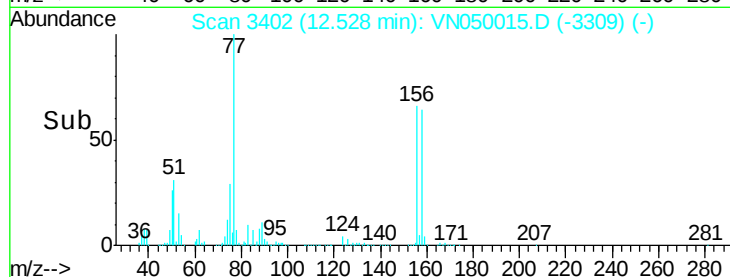
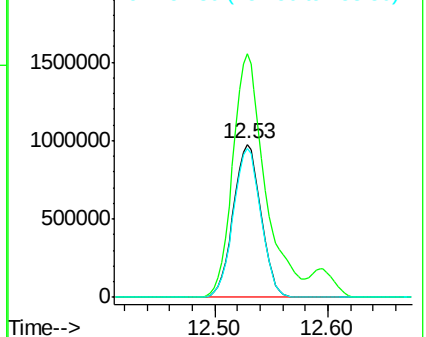
158 97.3 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): VN050013.D (-3387) (-)

Ion 77.00 (76.70 to 77.70): VN050013.D (-3387) (-)

Ion 157.80 (157.50 to 158.50): VN050013.D (-3387) (-)



#78

n-propylbenzene

Concen: 154.721 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN050015.D

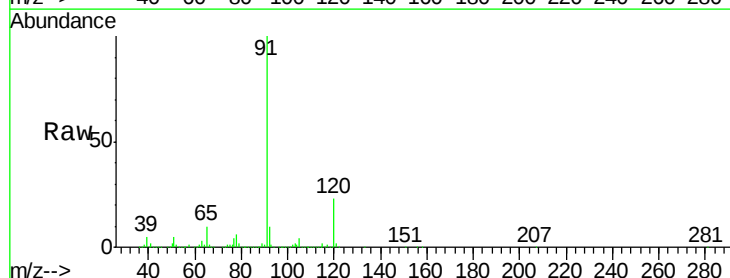
Acq: 23 Jul 2018 19:37

Tgt Ion: 91 Resp: 7359149

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 23.0  | 11.6  | 34.7  |

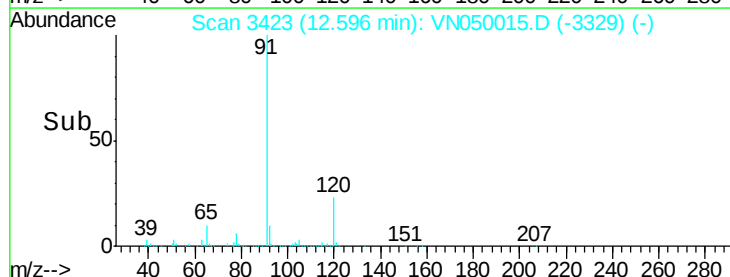
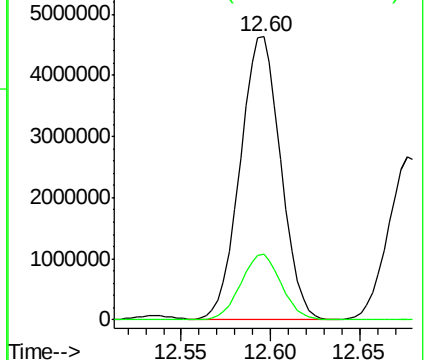
91 100

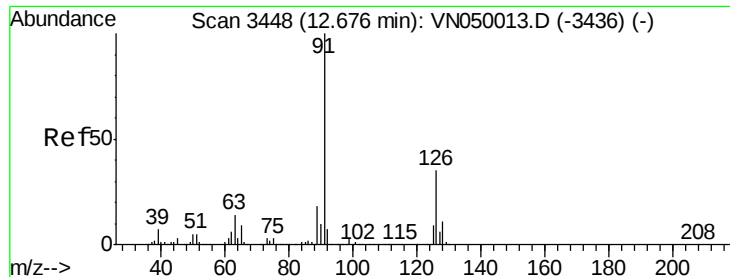
120 23.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN050013.D (-3410) (-)

Ion 120.00 (119.70 to 120.70): VN050013.D (-3410) (-)





#79

2-Chlorotoluene

Concen: 148.752 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050015.D

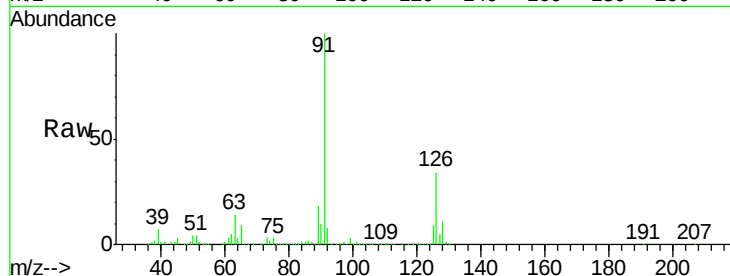
Acq: 23 Jul 2018 19:37

Tgt Ion: 91 Resp: 4343301

Ion Ratio Lower Upper

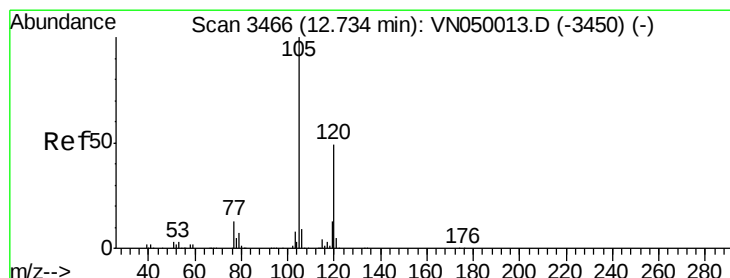
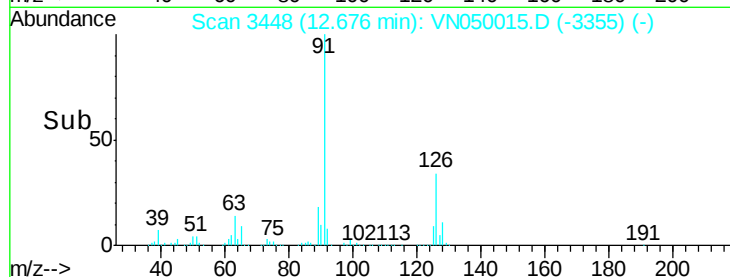
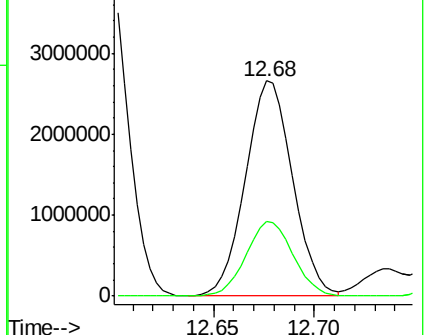
91 100

126 34.7 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN050013.D (-3436) (-)

Ion 125.90 (125.60 to 126.60): VN050013.D (-3436) (-)



#80

1,3,5-Trimethylbenzene

Concen: 155.274 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050015.D

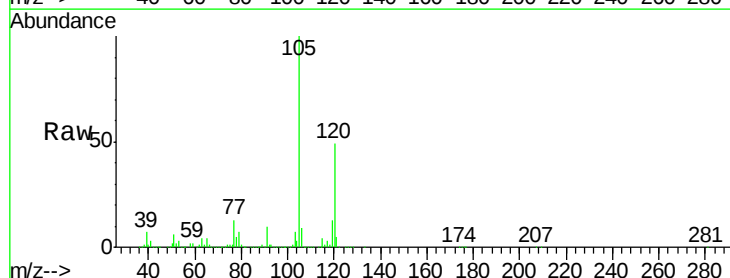
Acq: 23 Jul 2018 19:37

Tgt Ion: 105 Resp: 5203578

Ion Ratio Lower Upper

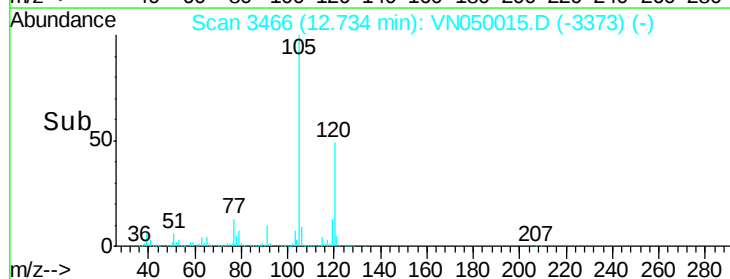
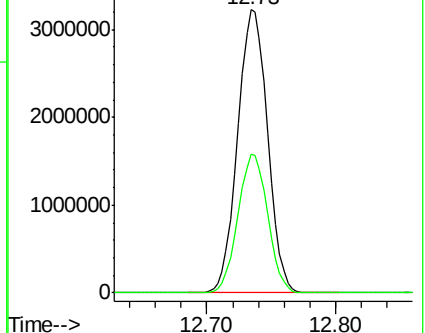
105 100

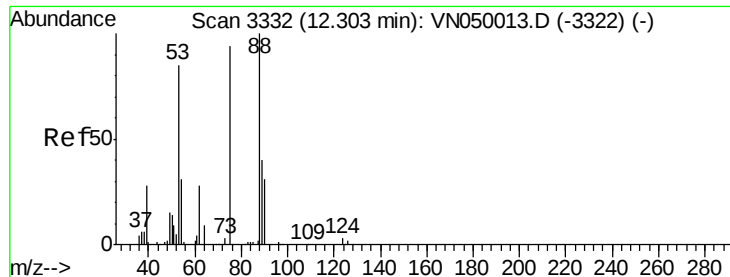
120 48.6 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050013.D (-3450) (-)

Ion 120.00 (119.70 to 120.70): VN050013.D (-3450) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 160.394 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

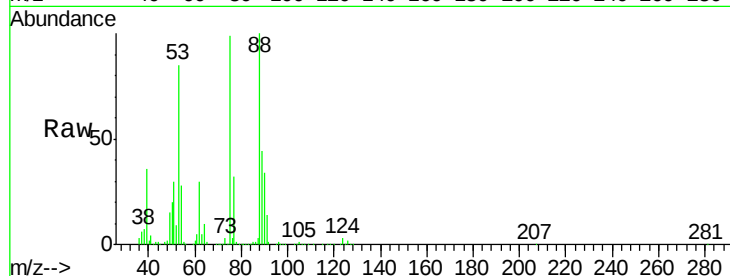
Tgt Ion: 75 Resp: 528030

Ion Ratio Lower Upper

75 100

53 88.1 73.5 110.3

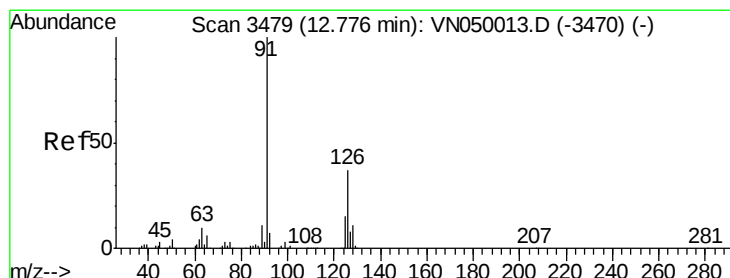
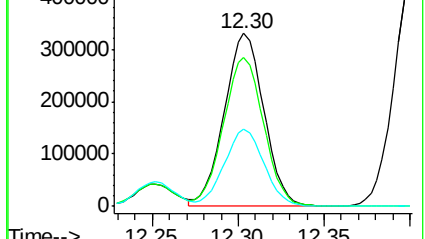
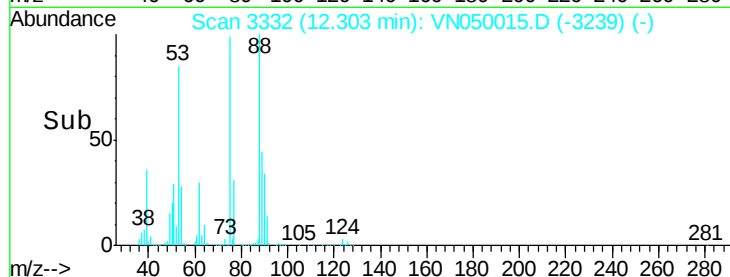
89 45.0 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 152.454 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN050015.D

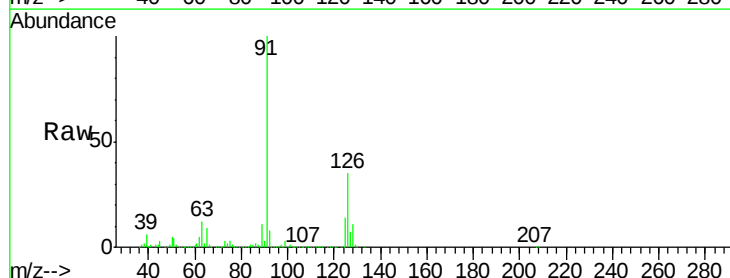
Acq: 23 Jul 2018 19:37

Tgt Ion: 91 Resp: 4463190

Ion Ratio Lower Upper

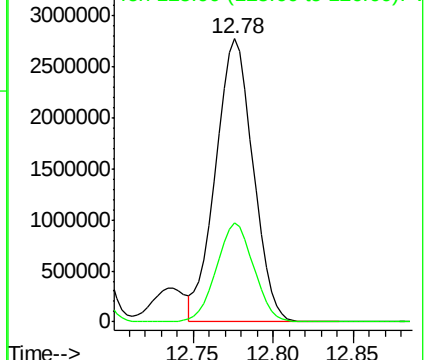
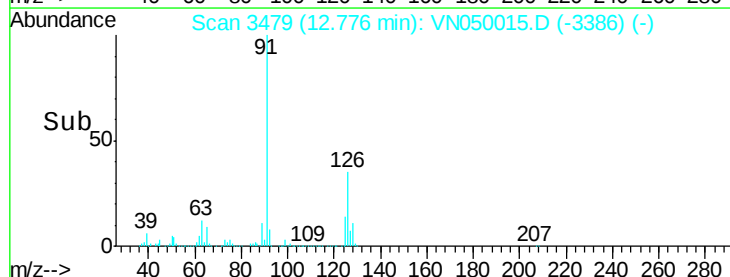
91 100

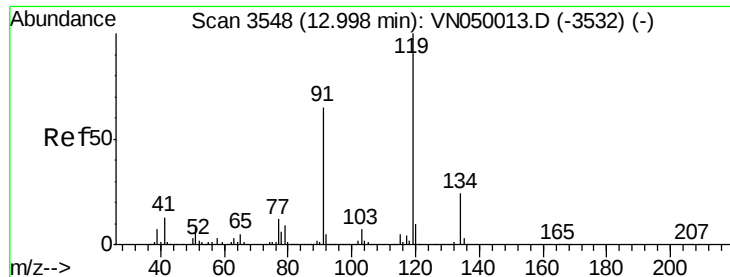
126 34.6 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

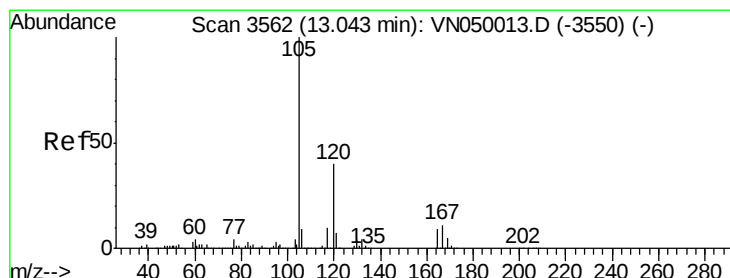
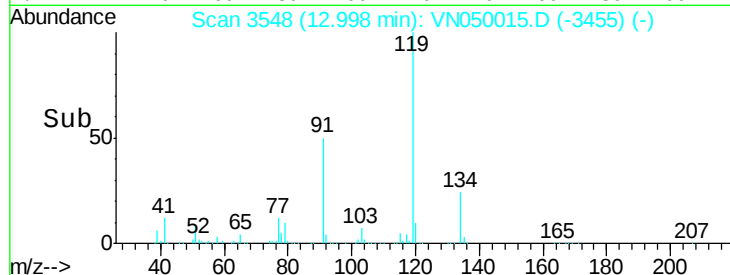
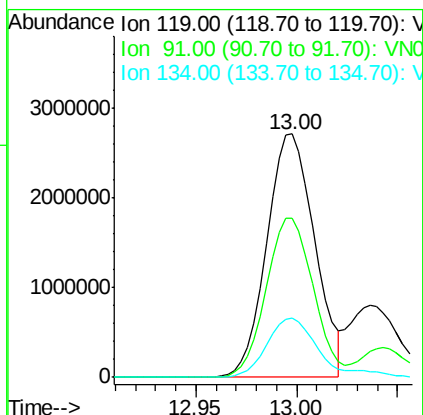
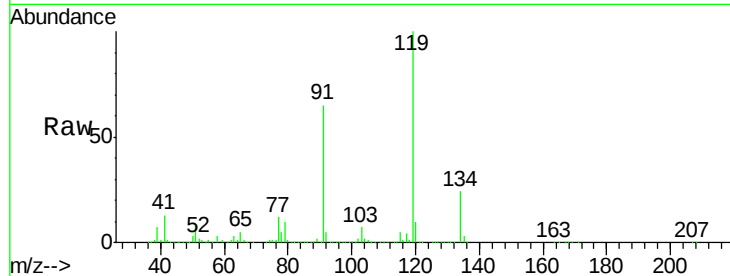
Ion 125.90 (125.60 to 126.60): V





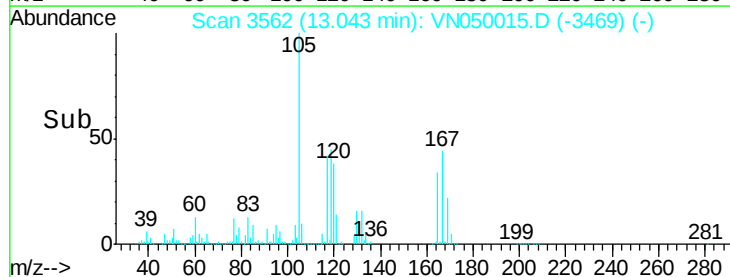
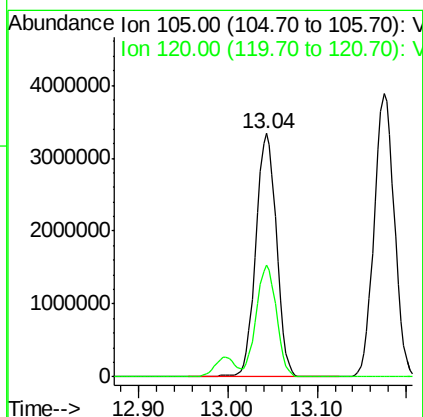
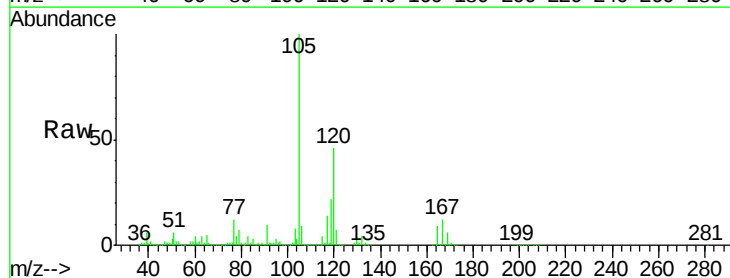
#83  
 tert-Butylbenzene  
 Concen: 152.647 ug/l  
 RT: 13.00 min Scan# 3548  
 Delta R.T. 0.00 min  
 Lab File: VN050015.D  
 Acq: 23 Jul 2018 19:37

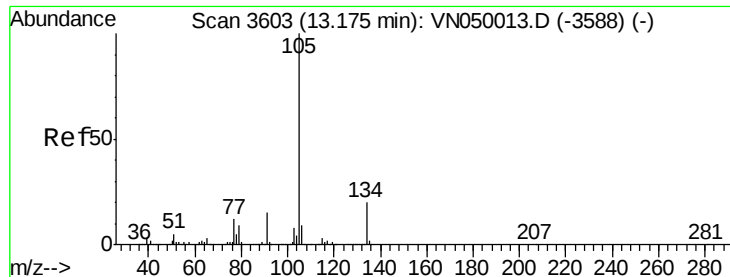
Tgt Ion:119 Resp: 4480576  
 Ion Ratio Lower Upper  
 119 100  
 91 64.3 32.1 96.3  
 134 26.4 13.2 39.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 157.980 ug/l  
 RT: 13.04 min Scan# 3562  
 Delta R.T. 0.00 min  
 Lab File: VN050015.D  
 Acq: 23 Jul 2018 19:37

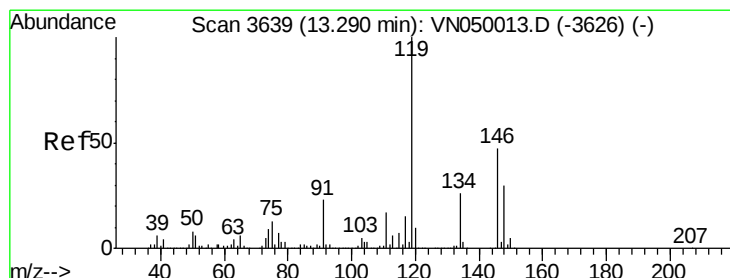
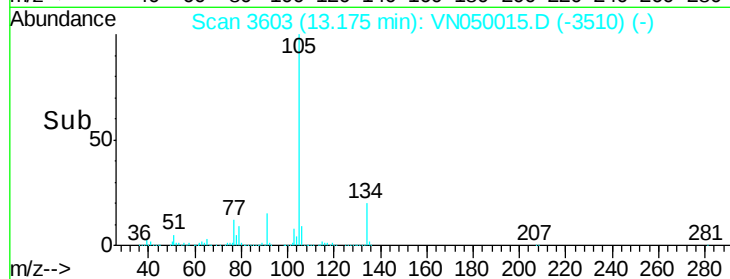
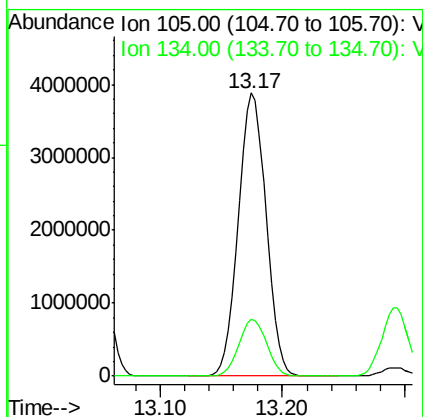
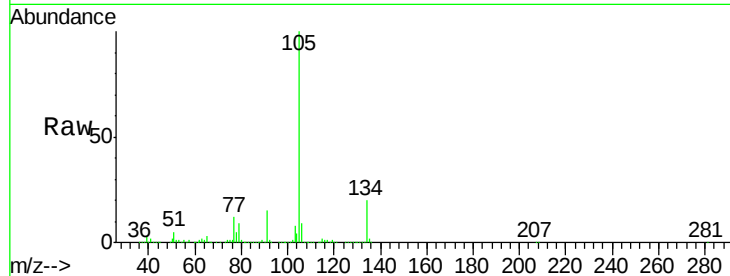
Tgt Ion:105 Resp: 5361248  
 Ion Ratio Lower Upper  
 105 100  
 120 45.5 22.9 68.7





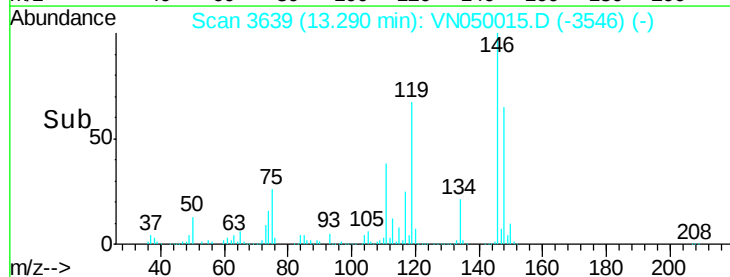
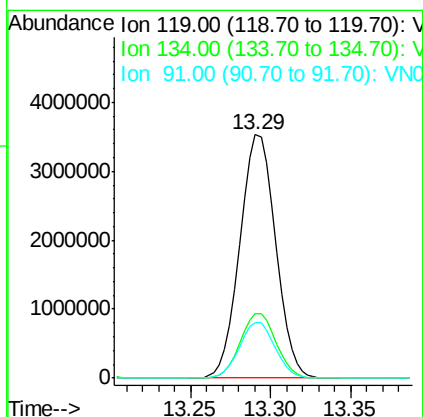
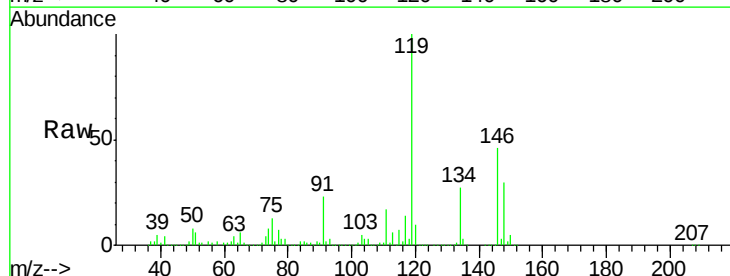
#85  
 sec-Butylbenzene  
 Concen: 156.822 ug/l  
 RT: 13.17 min Scan# 3603  
 Delta R.T. 0.00 min  
 Lab File: VN050015.D  
 Acq: 23 Jul 2018 19:37

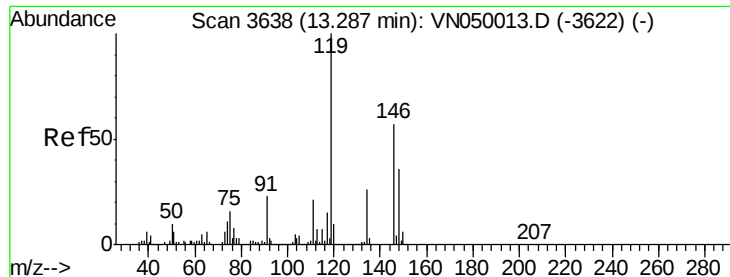
Tgt Ion:105 Resp: 6092583  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 161.592 ug/l  
 RT: 13.29 min Scan# 3639  
 Delta R.T. 0.00 min  
 Lab File: VN050015.D  
 Acq: 23 Jul 2018 19:37

Tgt Ion:119 Resp: 5352723  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.3 39.8  
 91 22.7 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 146.923 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

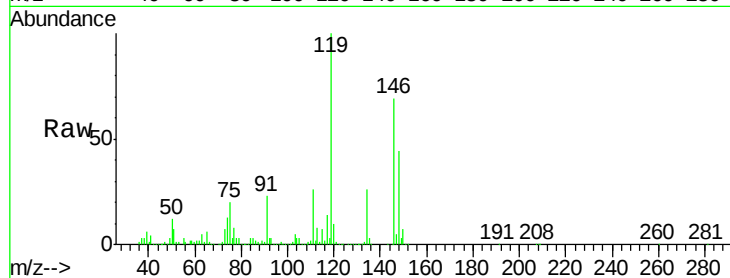
Tgt Ion:146 Resp: 2953721

Ion Ratio Lower Upper

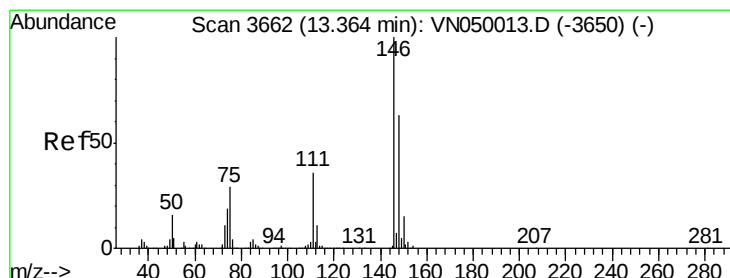
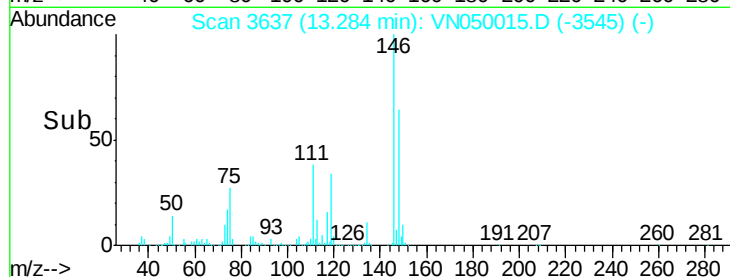
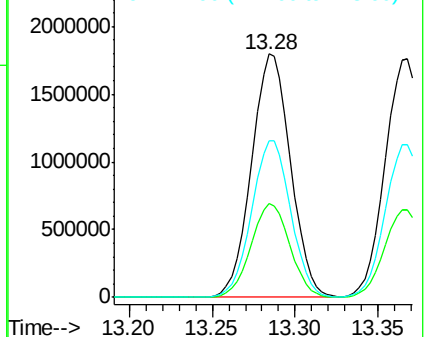
146 100

111 38.3 18.8 56.4

148 64.3 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



#88

1,4-Dichlorobenzene

Concen: 143.722 ug/l

RT: 13.37 min Scan# 3663

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

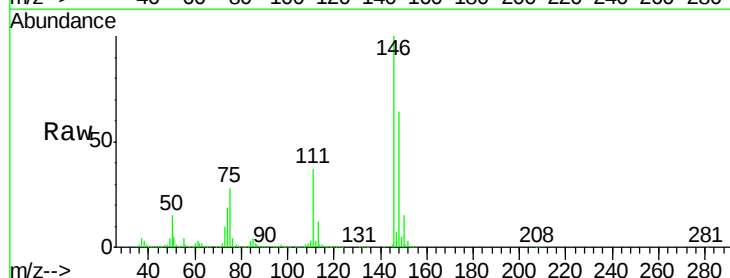
Tgt Ion:146 Resp: 2893542

Ion Ratio Lower Upper

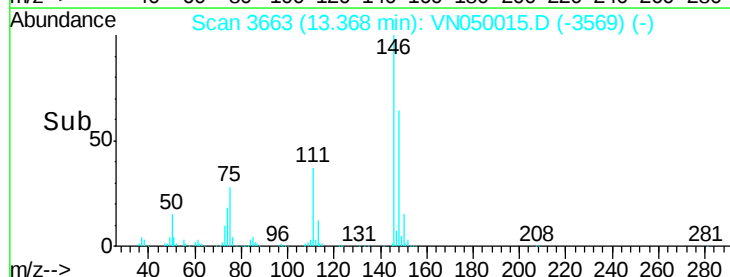
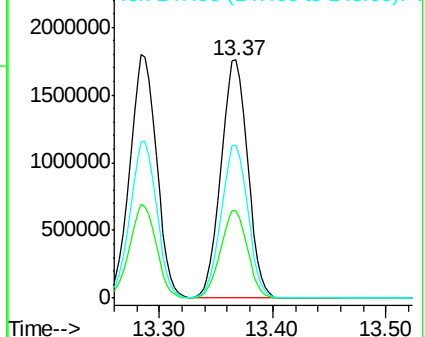
146 100

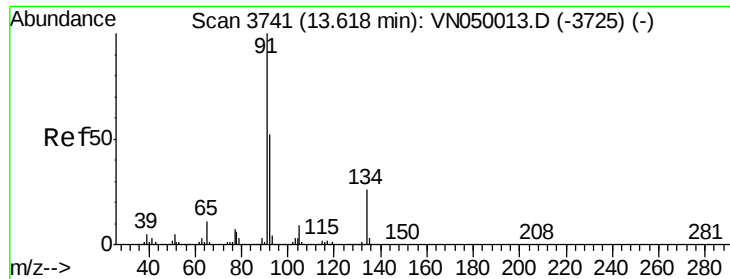
111 36.8 18.3 54.9

148 64.3 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

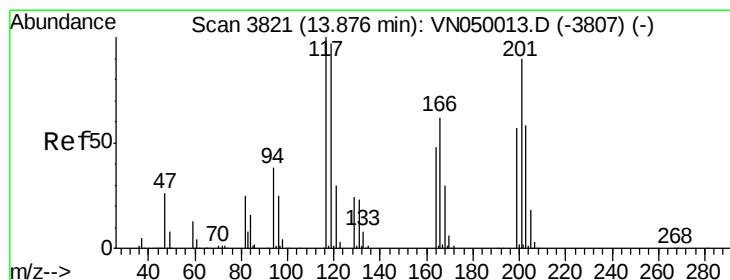
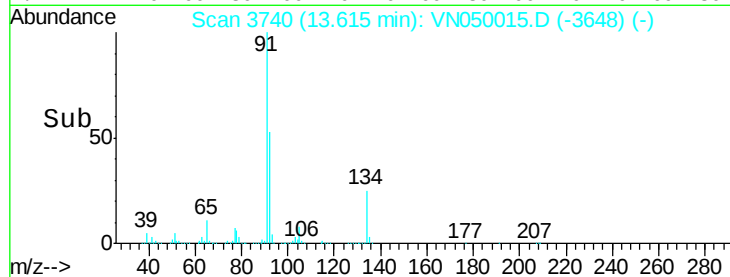
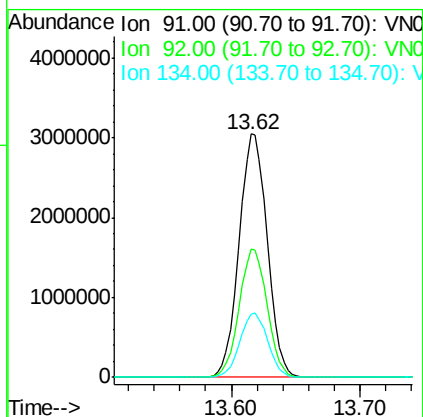
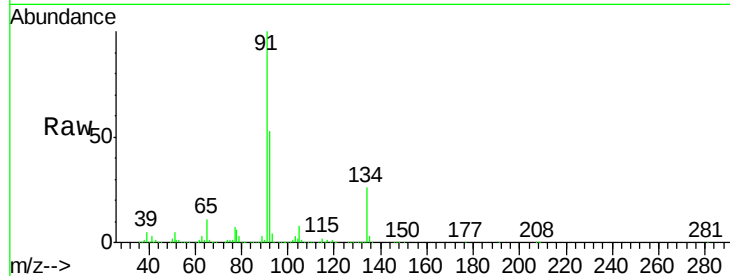




#89  
n-Butylbenzene  
Concen: 168.987 ug/l  
RT: 13.62 min Scan# 3740  
Delta R.T. -0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion: 91 Resp: 4614983

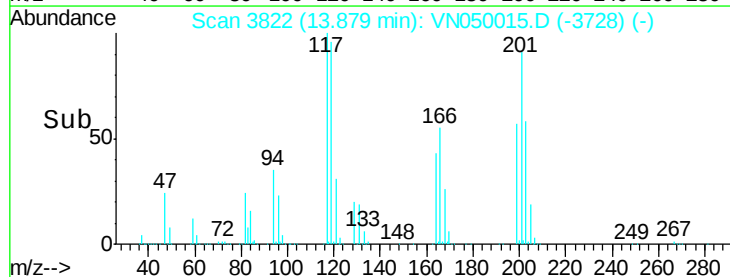
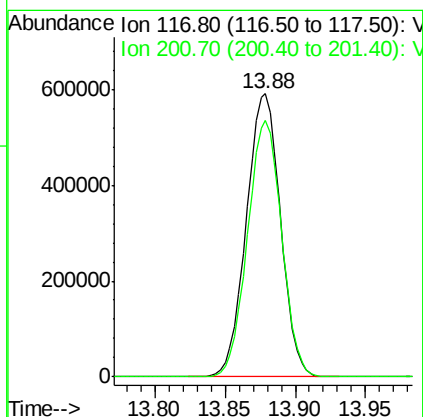
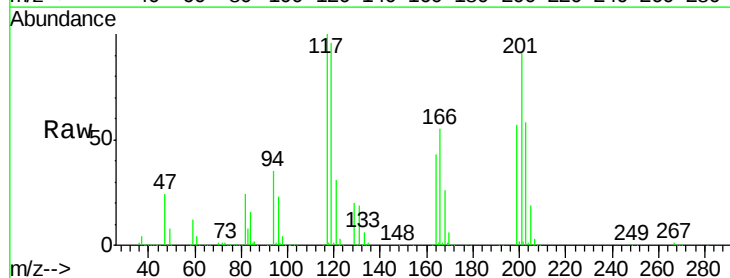
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 52.3  | 25.8  | 77.4  |
| 134 | 26.3  | 12.8  | 38.4  |

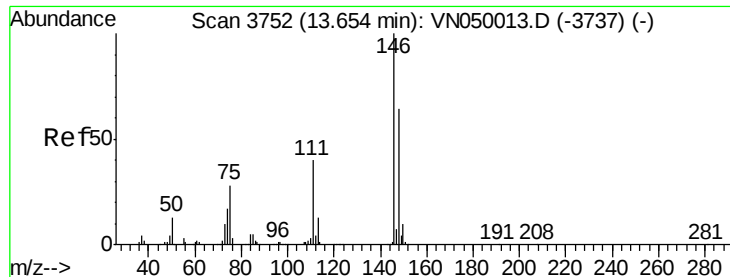


#90  
Hexachloroethane  
Concen: 135.018 ug/l  
RT: 13.88 min Scan# 3822  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion: 117 Resp: 1002673

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 90.4  | 45.6  | 136.8 |





#91

1,2-Dichlorobenzene

Concen: 142.753 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

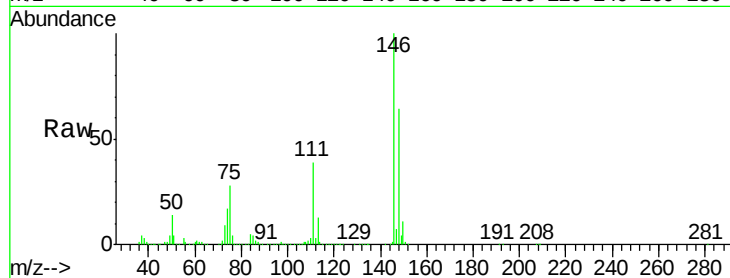
Tgt Ion: 146 Resp: 2819695

Ion Ratio Lower Upper

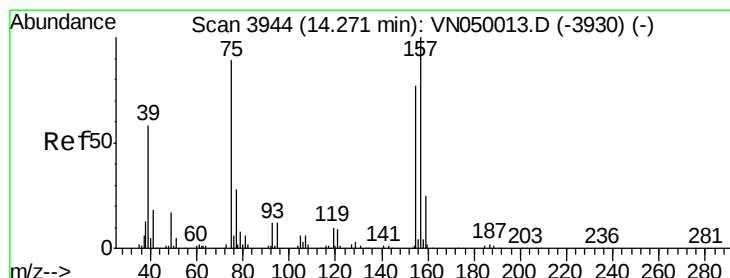
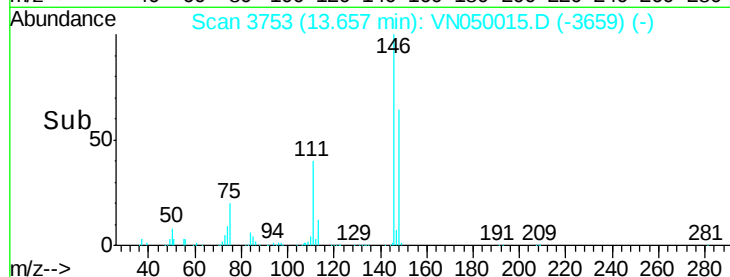
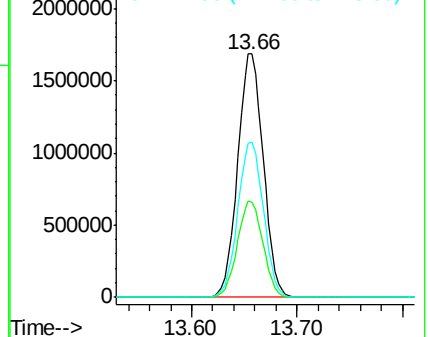
146 100

111 39.5 19.6 58.7

148 64.1 32.1 96.3



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: 144.246 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN050015.D

Acq: 23 Jul 2018 19:37

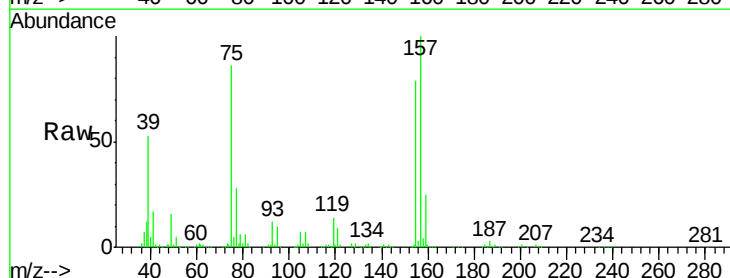
Tgt Ion: 75 Resp: 280930

Ion Ratio Lower Upper

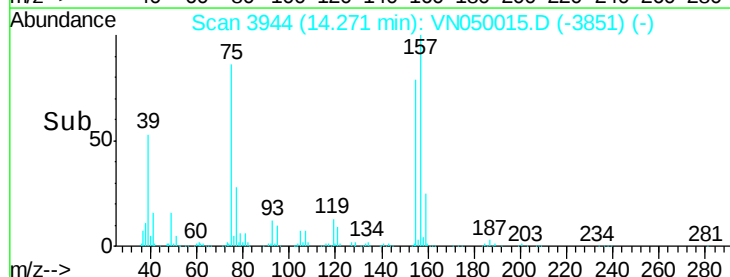
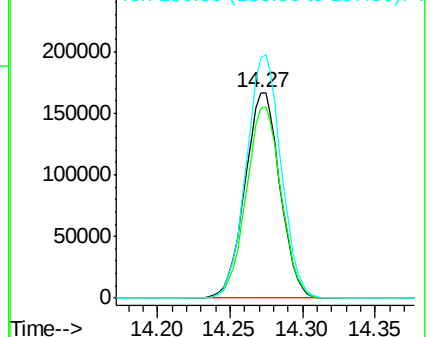
75 100

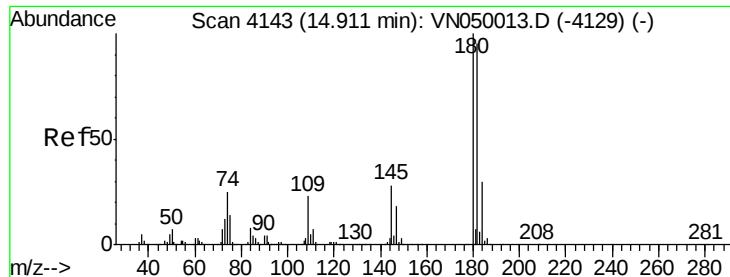
155 92.5 44.8 134.4

157 117.4 57.2 171.6



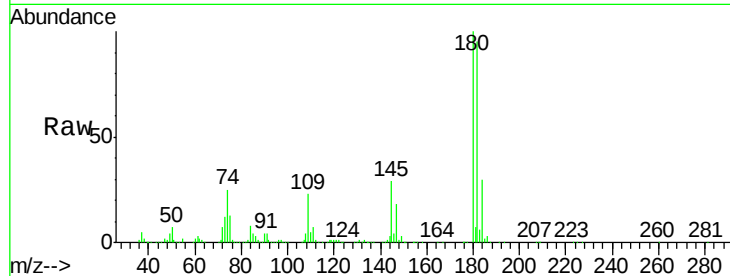
Abundance Ion 74.90 (74.60 to 75.60): V  
Ion 154.80 (154.50 to 155.50): V  
Ion 156.80 (156.50 to 157.50): V



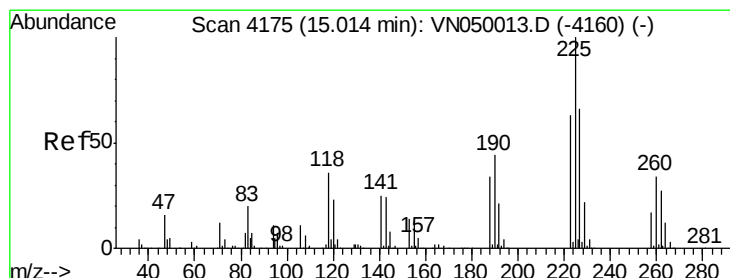
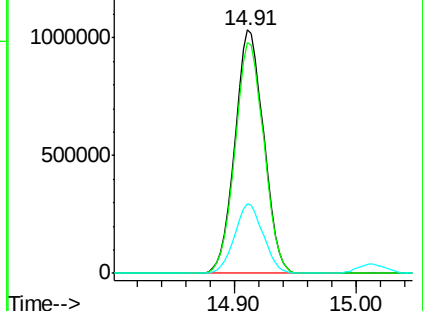
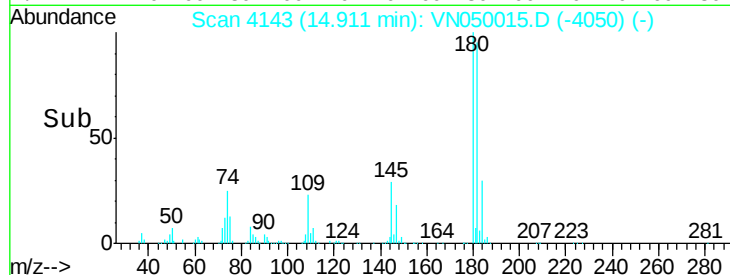


#93  
 1,2,4-Trichlorobenzene  
 Concen: 185.511 ug/l  
 RT: 14.91 min Scan# 4143  
 Delta R.T. 0.00 min  
 Lab File: VN050015.D  
 Acq: 23 Jul 2018 19:37

Tgt Ion:180 Resp: 1683070  
 Ion Ratio Lower Upper  
 180 100  
 182 95.1 46.7 140.1  
 145 28.5 13.8 41.4

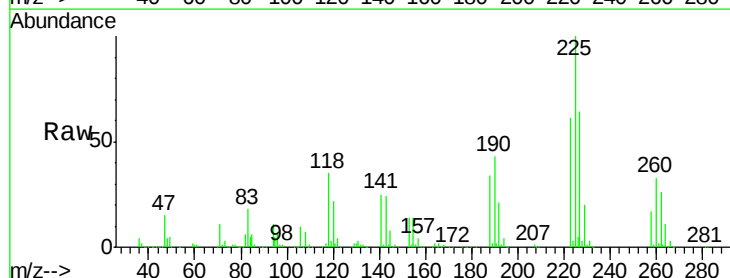


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

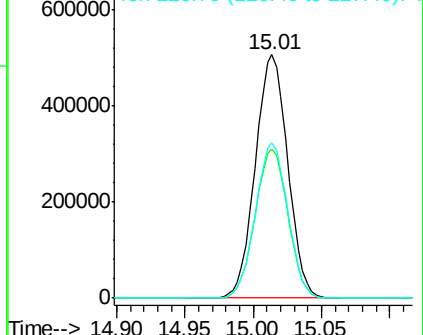
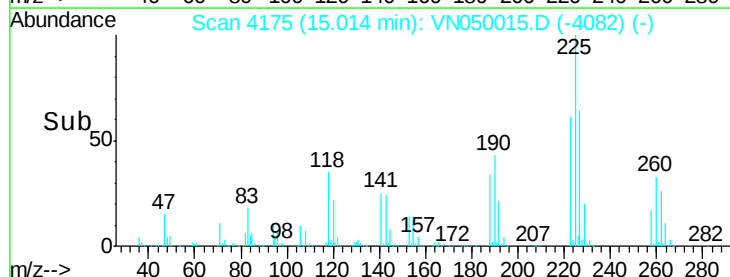


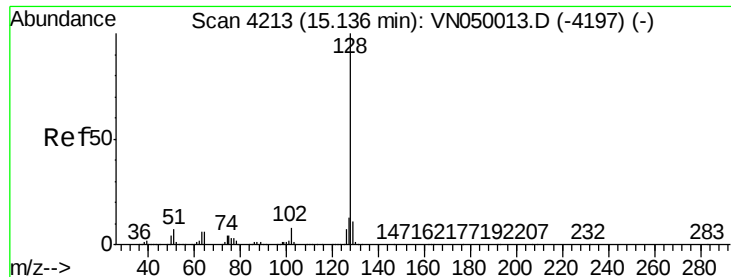
#94  
 Hexachlorobutadiene  
 Concen: 129.175 ug/l  
 RT: 15.01 min Scan# 4175  
 Delta R.T. 0.00 min  
 Lab File: VN050015.D  
 Acq: 23 Jul 2018 19:37

Tgt Ion:225 Resp: 834835  
 Ion Ratio Lower Upper  
 225 100  
 223 62.2 31.4 94.2  
 227 63.6 32.1 96.5



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

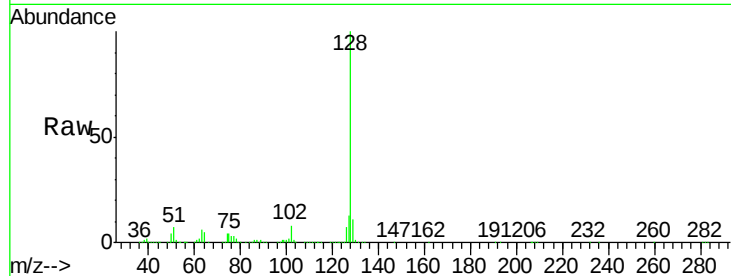




#95  
Naphthalene  
Concen: 205.120 ug/l  
RT: 15.14 min Scan# 4213  
Delta R.T. 0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion:128 Resp: 4090794

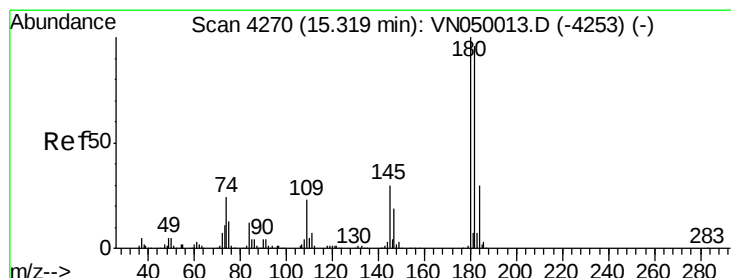
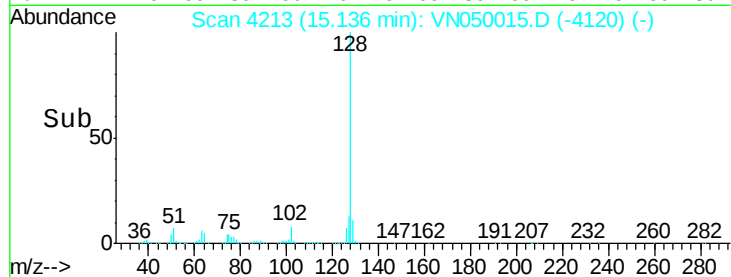
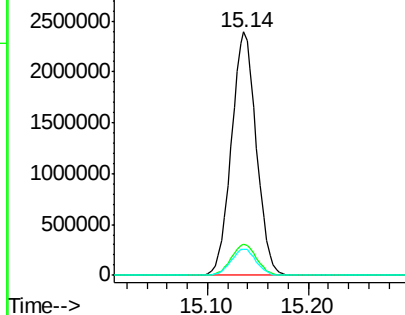
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.9  | 10.4  | 15.6  |
| 129 | 10.9  | 8.8   | 13.2  |



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

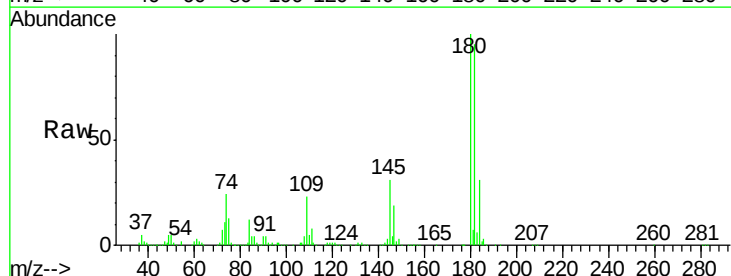
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 170.565 ug/l  
RT: 15.32 min Scan# 4269  
Delta R.T. -0.00 min  
Lab File: VN050015.D  
Acq: 23 Jul 2018 19:37

Tgt Ion:180 Resp: 1609817

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.9  | 48.1  | 144.4 |
| 145 | 30.4  | 15.3  | 45.9  |



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

