

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121818\  
 Data File : VN052977.D  
 Acq On : 18 Dec 2018 23:18  
 Operator : MD\SY  
 Sample : VN1218WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 30 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1218WBS01

Quant Time: Dec 19 03:51:58 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 18 13:03:37 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 1157444  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1809295  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1560783  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 656519   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 657653   | 55.99 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 111.98% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 446445   | 54.02 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.04% |          |
| 50) Toluene-d8              | 10.09 | 98   | 2310589  | 52.08 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.16% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 746975   | 47.96 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.92%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 229163   | 19.563  | ug/l   | 99     |
| 3) Chloromethane              | 2.06 | 50   | 269495   | 18.985  | ug/l   | 100    |
| 4) Vinyl Chloride             | 2.19 | 62   | 295983   | 20.588  | ug/l   | 100    |
| 5) Bromomethane               | 2.58 | 94   | 189246   | 19.000  | ug/l   | 99     |
| 6) Chloroethane               | 2.71 | 64   | 175344   | 20.594  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.03 | 101  | 370555   | 20.691  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.41 | 74   | 144738   | 21.422  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.77 | 101  | 227614   | 19.933  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.96 | 142  | 323176   | 20.153  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.78 | 59   | 77193    | 107.708 | ug/l # | 88     |
| 12) 1,1-Dichloroethene        | 3.74 | 96   | 227435   | 20.616  | ug/l   | 98     |
| 13) Acrolein                  | 3.61 | 56   | 84019    | 129.290 | ug/l   | 98     |
| 14) Allyl chloride            | 4.33 | 41   | 364515   | 21.331  | ug/l   | 95     |
| 15) Acrylonitrile             | 4.99 | 53   | 419052   | 105.248 | ug/l   | 99     |
| 16) Acetone                   | 3.82 | 43   | 264926   | 115.035 | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.06 | 76   | 672152   | 18.682  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.33 | 43   | 211127   | 20.790  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 638237   | 21.619  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.56 | 84   | 257100   | 20.466  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 5.05 | 96   | 241209   | 20.350  | ug/l   | 99     |
| 22) Diisopropyl ether         | 5.95 | 45   | 782113   | 21.442  | ug/l   | 99     |
| 23) Vinyl Acetate             | 5.90 | 43   | 2248482  | 107.202 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 454189   | 20.955  | ug/l   | 100    |
| 25) 2-Butanone                | 6.84 | 43   | 440859   | 114.065 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.83 | 77   | 283329   | 17.124  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 279658   | 20.841  | ug/l   | 97     |
| 28) Bromochloromethane        | 7.20 | 49   | 213581   | 22.741  | ug/l   | 96     |
| 29) Tetrahydrofuran           | 7.21 | 42   | 316998   | 109.816 | ug/l   | 98     |
| 30) Chloroform                | 7.37 | 83   | 441885   | 20.754  | ug/l   | 99     |
| 31) Cyclohexane               | 7.66 | 56   | 430504   | 20.559  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 369688   | 20.382  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 7.80 | 75   | 342461   | 19.720  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.93 | 43   | 216224   | 22.304  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.78 | 117  | 317392   | 19.940  | ug/l   | 99     |

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 MSVOA\_N  
 ClientSampleId :  
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 18 13:03:37 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 398864   | 18.907  | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 1055241  | 20.429  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 118850   | 21.218  | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 312699   | 20.492  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 405415   | 21.004  | ug/l   | 99       |
| 44) Trichloroethene            | 8.84  | 130  | 292386   | 19.570  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 277858   | 20.651  | ug/l   | 100      |
| 46) Dibromomethane             | 9.21  | 93   | 159690   | 20.374  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 332760   | 19.973  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 196865   | 20.927  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 44556    | 374.423 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 1027708  | 109.465 | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 638507   | 19.943  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 330116   | 18.843  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 391109   | 19.449  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 228173   | 20.428  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 303406   | 20.522  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 393811   | 20.560  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 851428   | 104.900 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.75 | 43   | 669572   | 105.410 | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.90 | 129  | 248741   | 19.454  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 226325   | 19.951  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.63 | 164  | 333348   | 19.717  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.44 | 112  | 680016   | 19.655  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 245087   | 20.371  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 1179366  | 19.821  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 883068   | 39.041  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 433748   | 19.984  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 693300   | 19.589  | ug/l   | 100      |
| 71) Bromoform                  | 12.13 | 173  | 163757   | 18.841  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 1136196  | 22.119  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 326571   | 22.899  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 234466   | 23.267  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 321328   | 29.075  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 284833   | 21.332  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 1240342  | 21.202  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 736325   | 20.305  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 872340   | 20.835  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 67682    | 19.739  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 734833   | 20.701  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 777763   | 21.004  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 872564   | 20.731  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 1018710  | 20.340  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 867355   | 20.042  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 463324   | 19.606  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 457181   | 19.103  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 679678   | 18.255  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.88 | 117  | 125935   | 18.962  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 445042   | 20.010  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 35120    | 20.156  | ug/l   | 99       |

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Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 30 Sample Multiplier: 28

Instrument :  
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ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Tue Dec 18 13:03:37 2018  
Response via : Initial Calibration

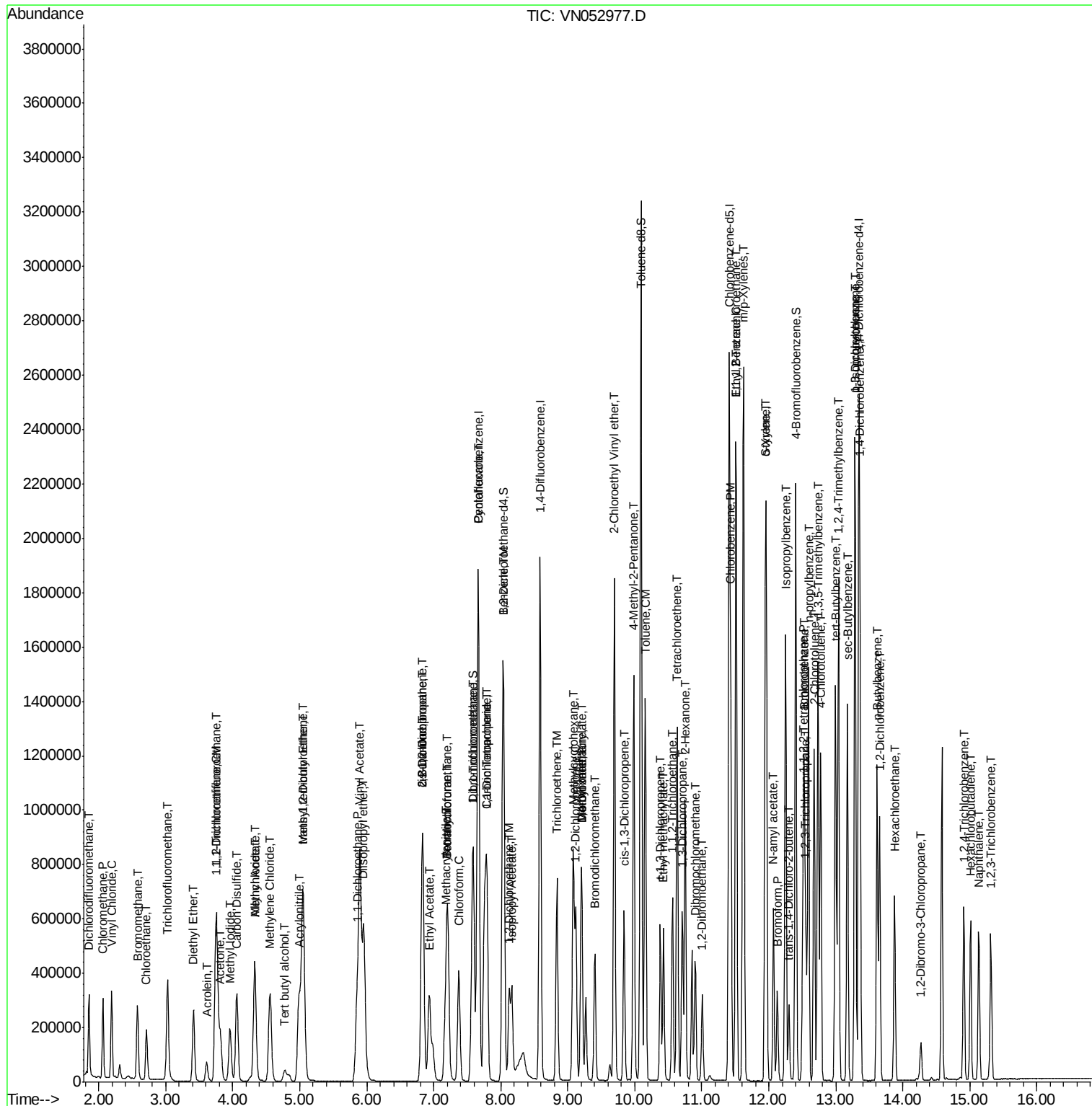
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 222318   | 19.238 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 126691   | 18.983 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 490281   | 19.705 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 205346   | 19.663 | ug/l  | 99       |

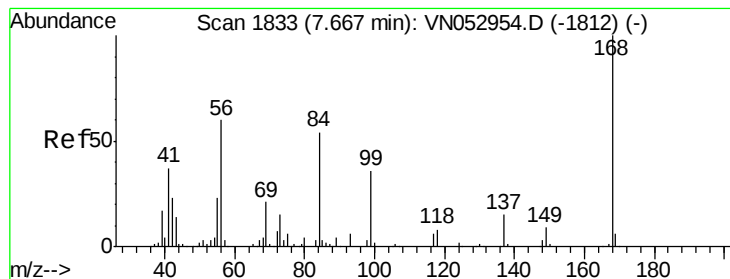
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121818\  
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ALS Vial : 30 Sample Multiplier: 28

Instrument :  
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Quant Title : SW846 8260  
QLast Update : Tue Dec 18 13:03:37 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampled :

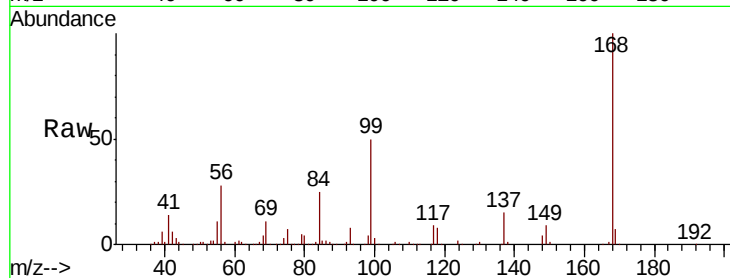
VN1218WBS01

Tot Ion:168 Resp: 1157444

Ion Ratio Lower Upper

168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

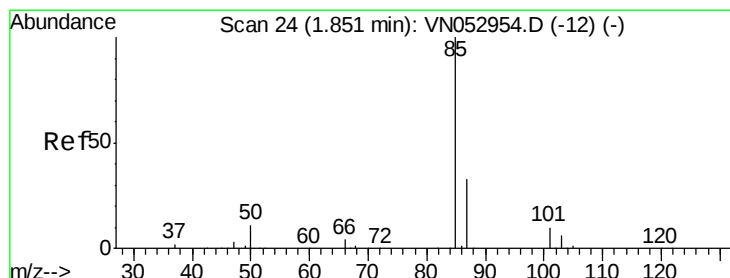
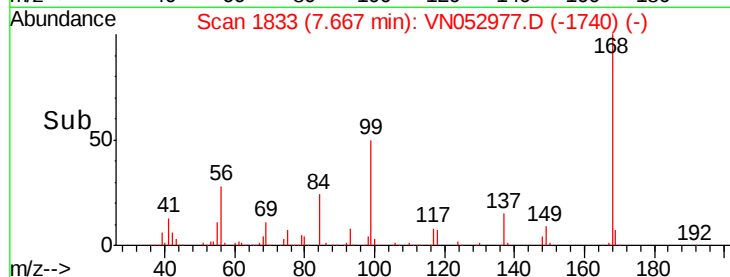
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.563 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052977.D

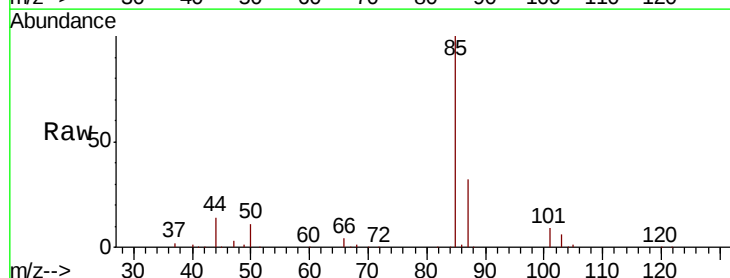
Acq: 18 Dec 2018 23:18

Tgt Ion: 85 Resp: 229163

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

200000

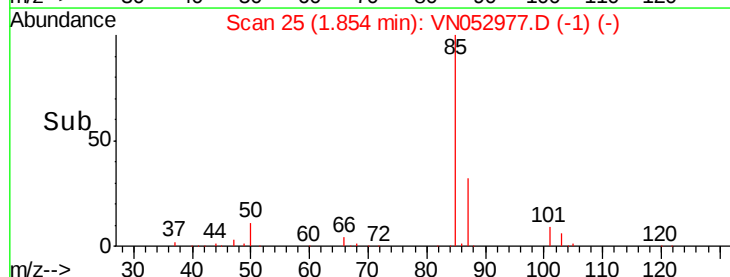
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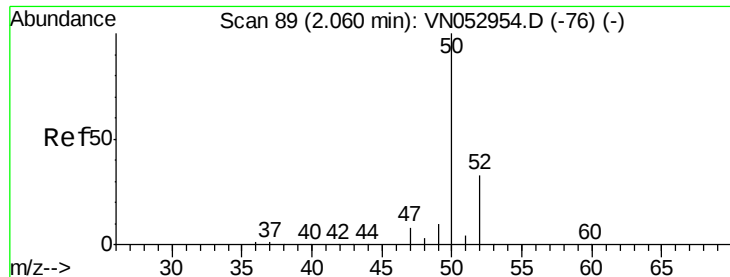
100000

50000

0

Time-->





#3

Chloromethane

Concen: 18.985 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

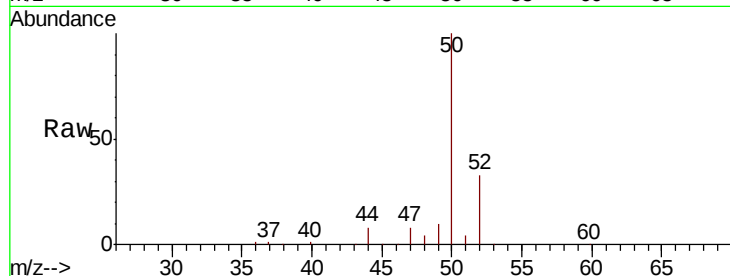
VN1218WBS01

Tot Ion: 50 Resp: 269495

Ion Ratio Lower Upper

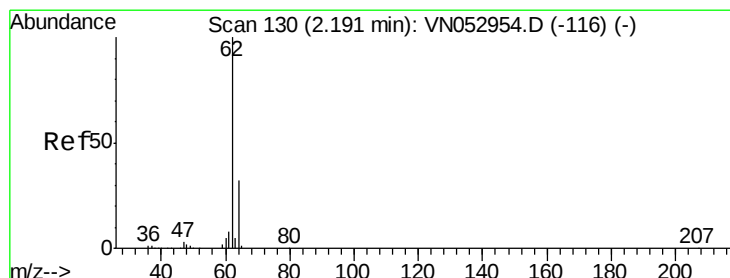
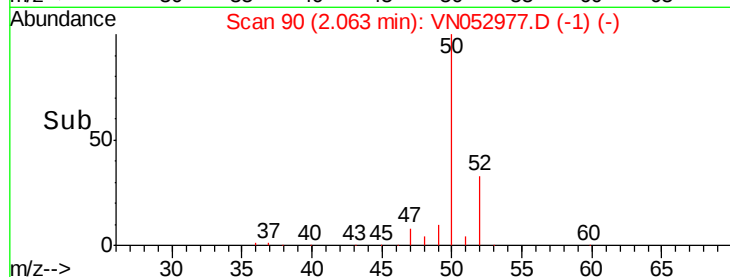
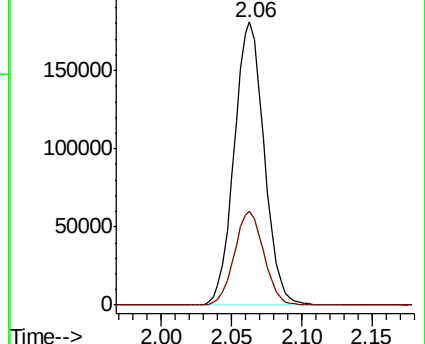
50 100

52 33.0 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VN052977.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN052977.D (-1) (-)



#4

Vinyl Chloride

Concen: 20.588 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN052977.D

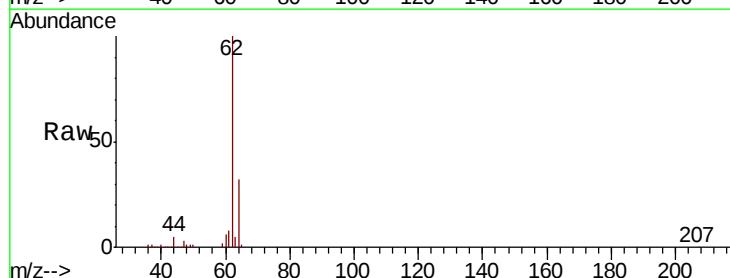
Acq: 18 Dec 2018 23:18

Tgt Ion: 62 Resp: 295983

Ion Ratio Lower Upper

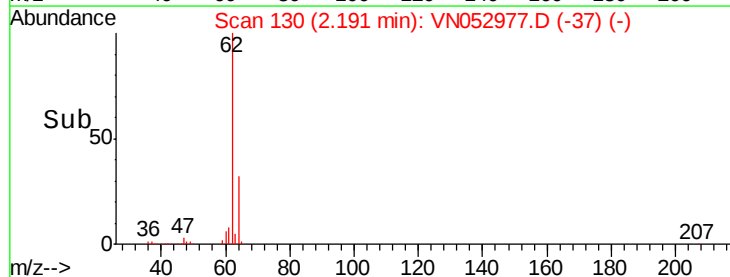
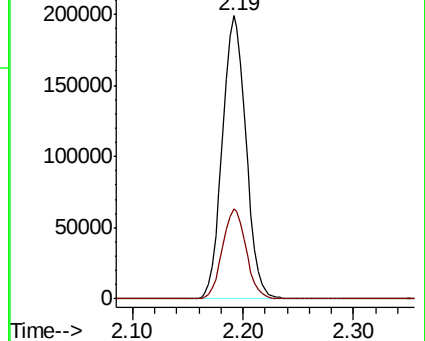
62 100

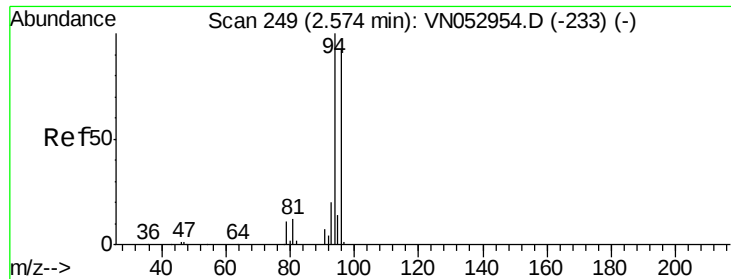
64 31.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN052977.D (-37) (-)

Ion 63.90 (63.60 to 64.60): VN052977.D (-37) (-)





#5

Bromomethane

Concen: 19.000 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

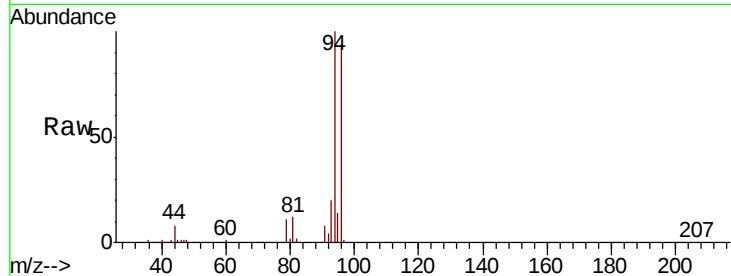
VN1218WBS01

Tot Ion: 94 Resp: 189246

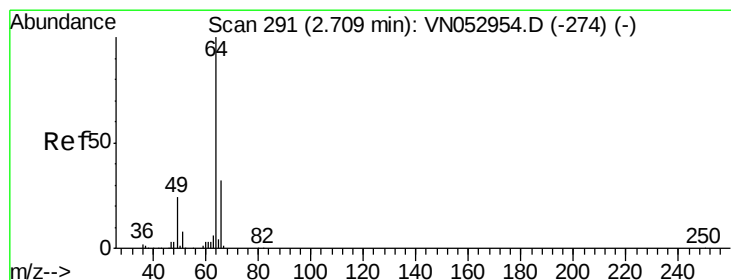
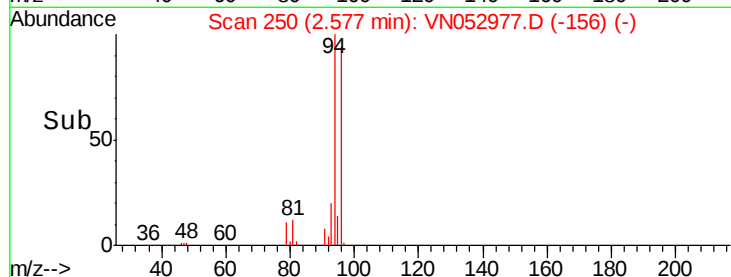
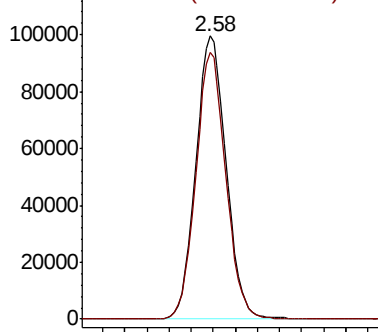
Ion Ratio Lower Upper

94 100

96 94.4 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VNO  
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 20.594 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052977.D

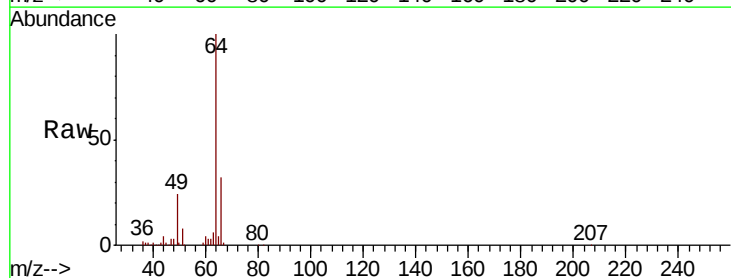
Acq: 18 Dec 2018 23:18

Tgt Ion: 64 Resp: 175344

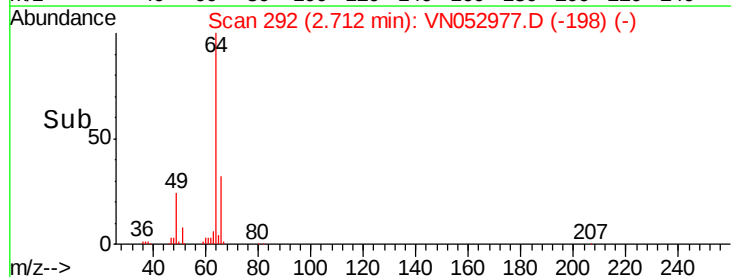
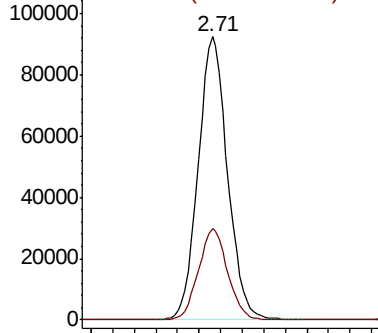
Ion Ratio Lower Upper

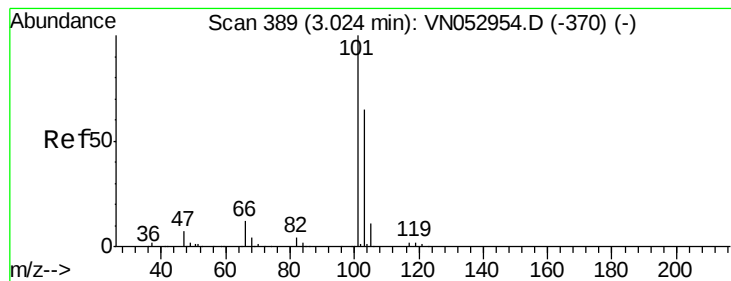
64 100

66 32.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VNO  
Ion 65.90 (65.60 to 66.60): VNO



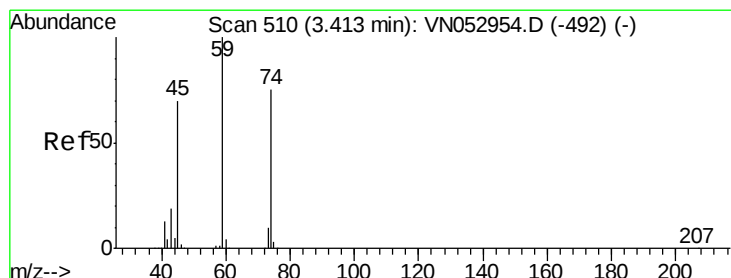
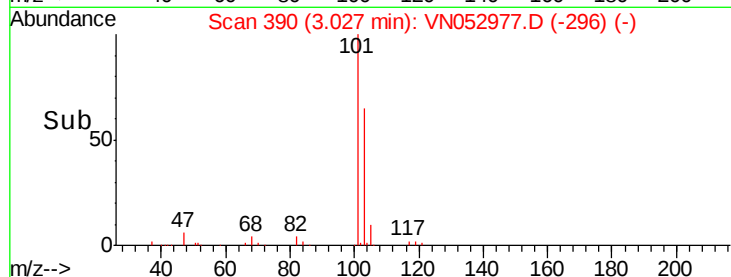
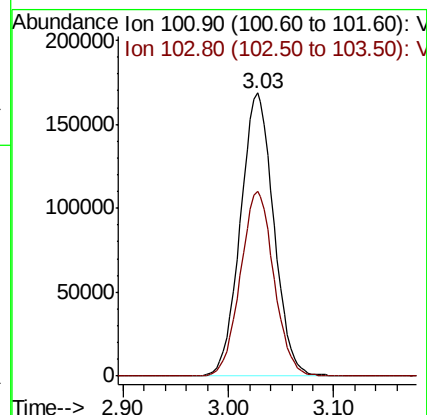
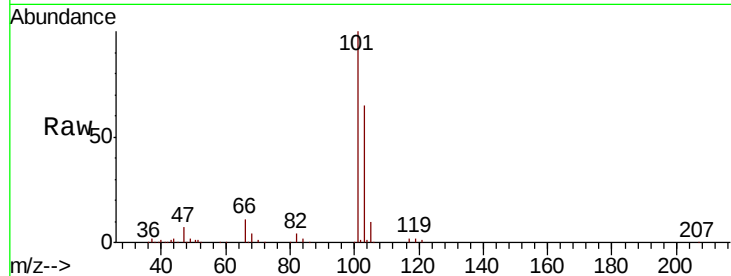


#7

Trichlorofluoromethane  
 Concen: 20.691 ug/l  
 RT: 3.03 min Scan# 390  
 Delta R.T. 0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1218WBS01

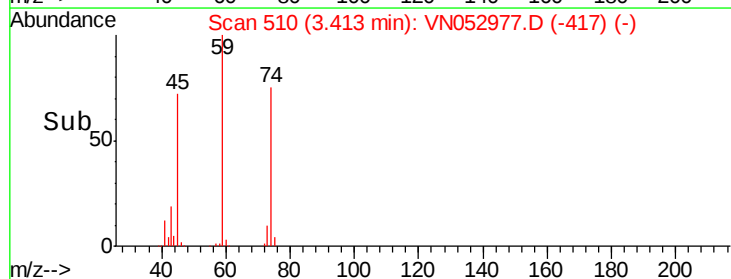
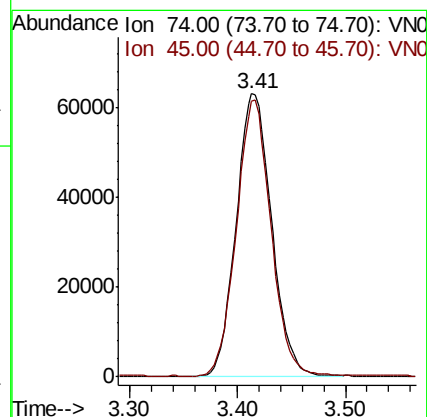
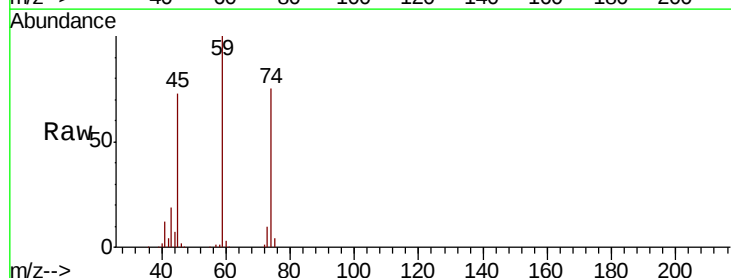
Tot Ion:101 Resp: 370555  
 Ion Ratio Lower Upper  
 101 100  
 103 65.3 51.8 77.6

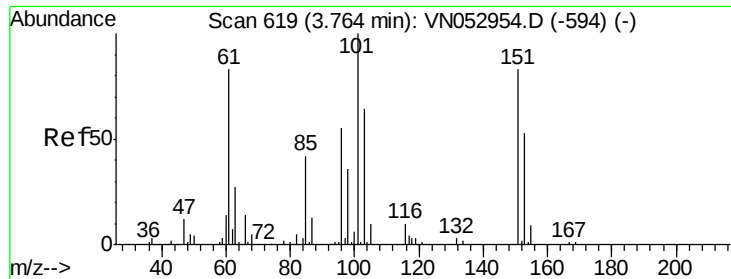


#8

Diethyl Ether  
 Concen: 21.422 ug/l  
 RT: 3.41 min Scan# 510  
 Delta R.T. -0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

Tgt Ion: 74 Resp: 144738  
 Ion Ratio Lower Upper  
 74 100  
 45 95.8 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.933 ug/l

RT: 3.77 min Scan# 621

Delta R.T. 0.01 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1218WBS01

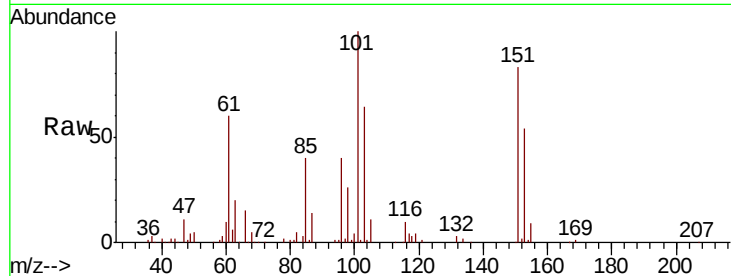
Tot Ion:101 Resp: 227614

Ion Ratio Lower Upper

101 100

85 40.9 33.6 50.4

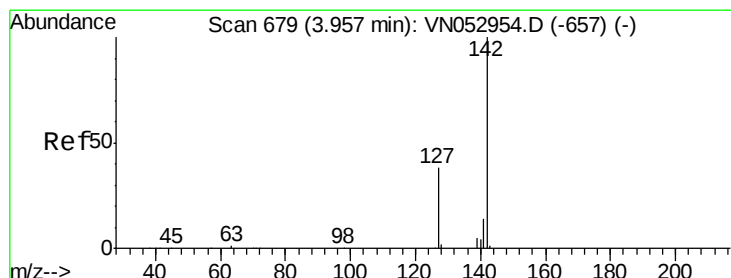
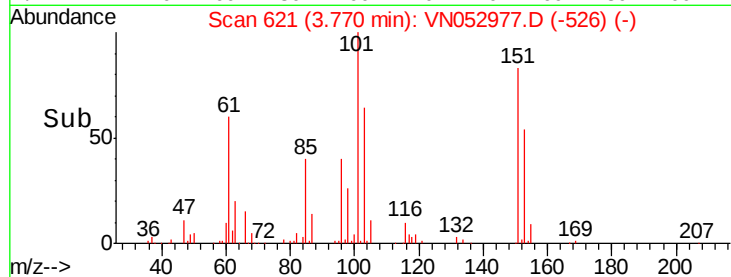
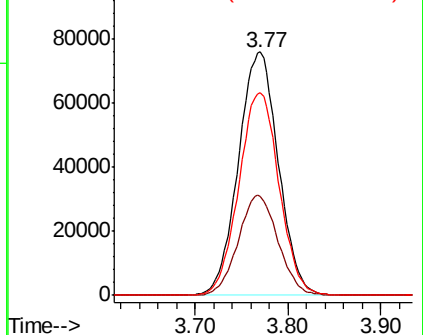
151 83.8 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.153 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

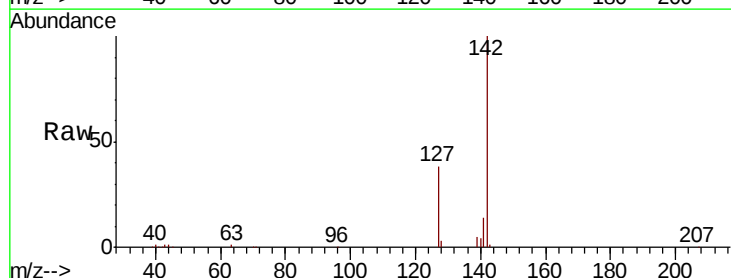
Tgt Ion:142 Resp: 323176

Ion Ratio Lower Upper

142 100

127 37.7 31.0 46.6

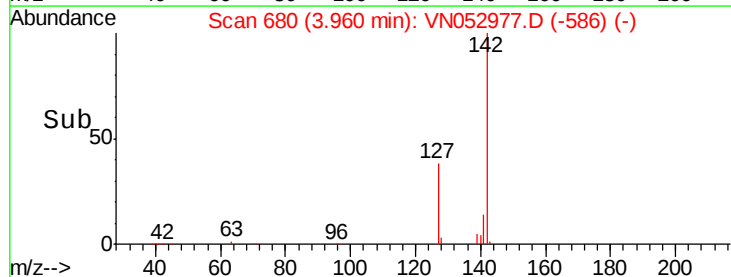
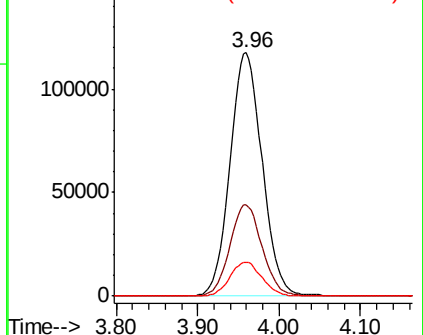
141 14.0 11.2 16.8

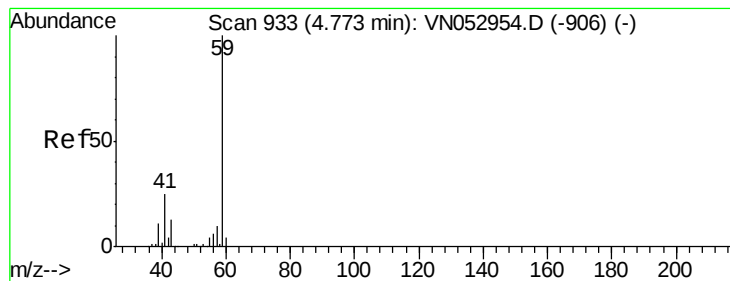


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



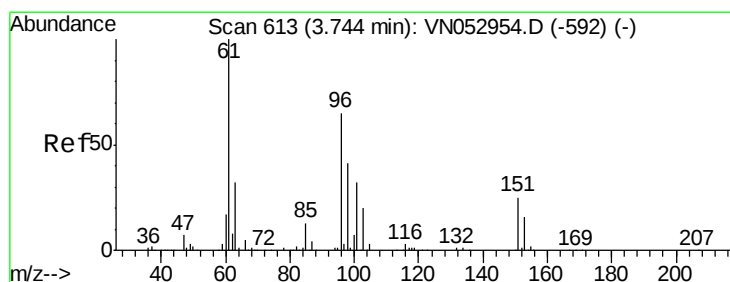
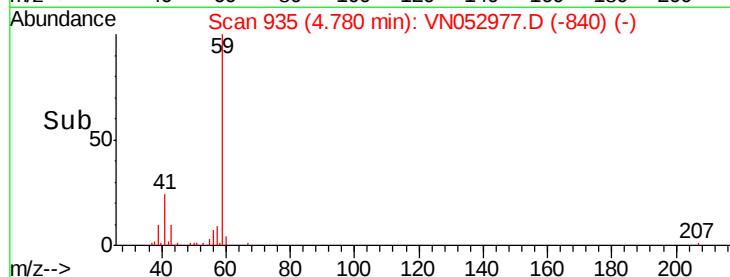
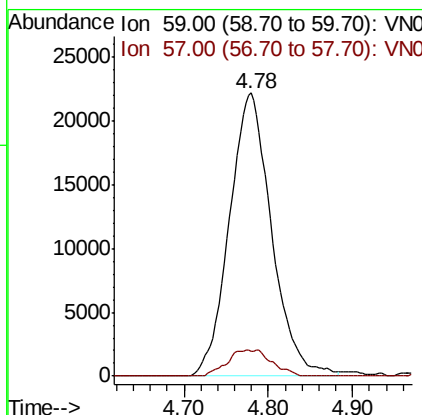
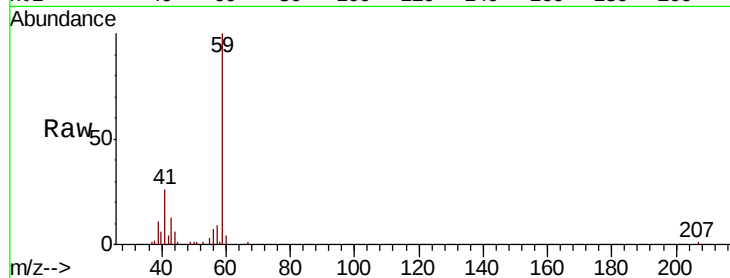


#11

Tert butyl alcohol  
 Concen: 107.708 ug/l  
 RT: 4.78 min Scan# 935  
 Delta R.T. 0.01 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1218WBS01

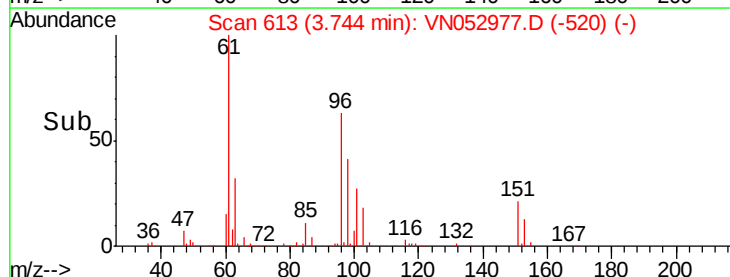
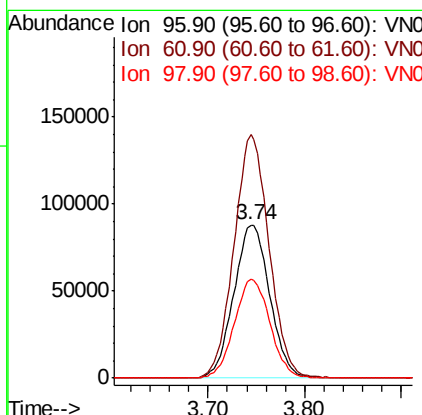
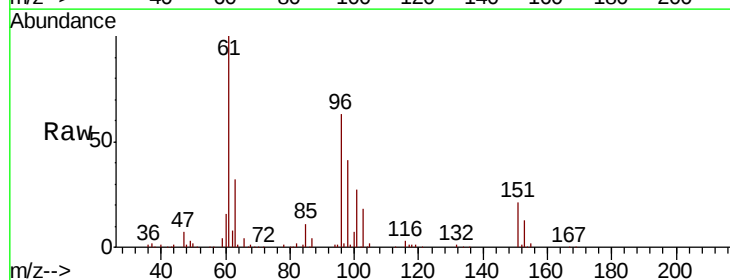
Tot Ion: 59 Resp: 77193  
 Ion Ratio Lower Upper  
 59 100  
 57 5.3 7.7 11.5#

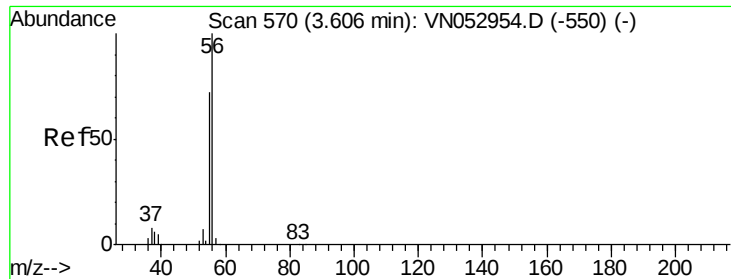


#12

1,1-Dichloroethene  
 Concen: 20.616 ug/l  
 RT: 3.74 min Scan# 613  
 Delta R.T. -0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

Tgt Ion: 96 Resp: 227435  
 Ion Ratio Lower Upper  
 96 100  
 61 158.9 125.6 188.4  
 98 64.6 50.6 75.8





#13

Acrolein

Concen: 129.290 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

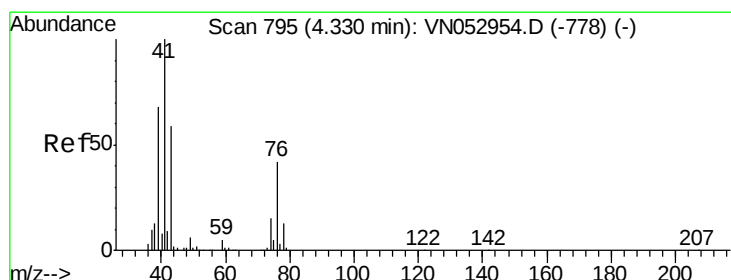
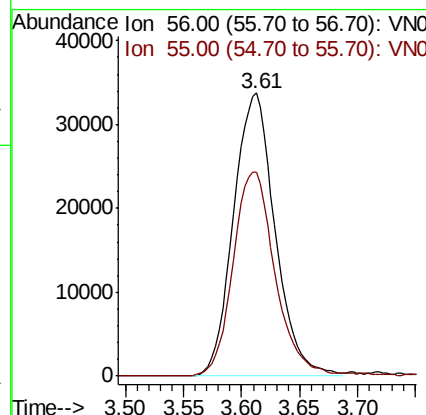
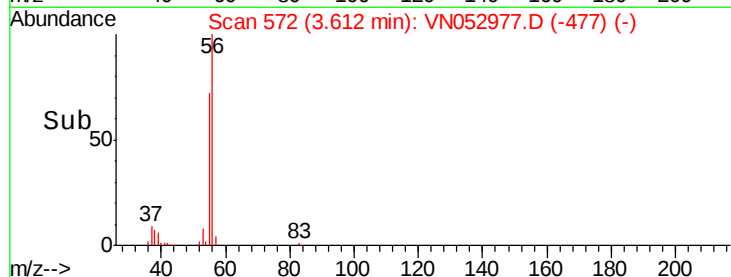
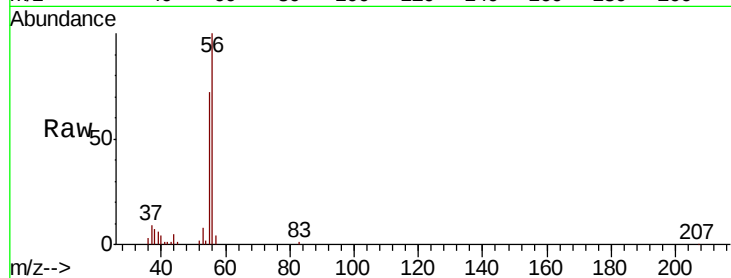
VN1218WBS01

Tot Ion: 56 Resp: 84019

Ion Ratio Lower Upper

56 100

55 72.6 56.6 85.0



#14

Allyl chloride

Concen: 21.331 ug/l

RT: 4.33 min Scan# 795

Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

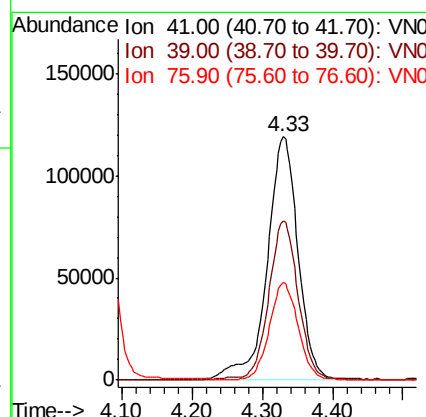
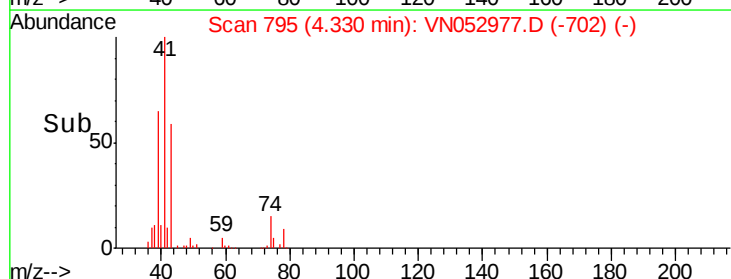
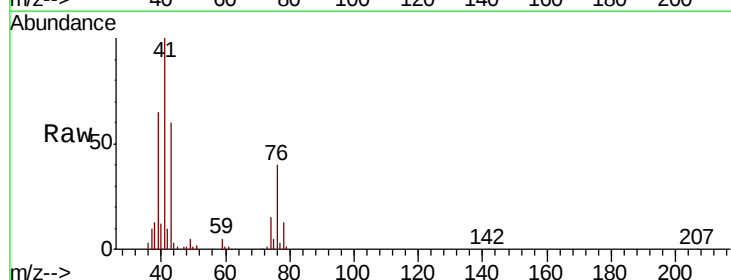
Tgt Ion: 41 Resp: 364515

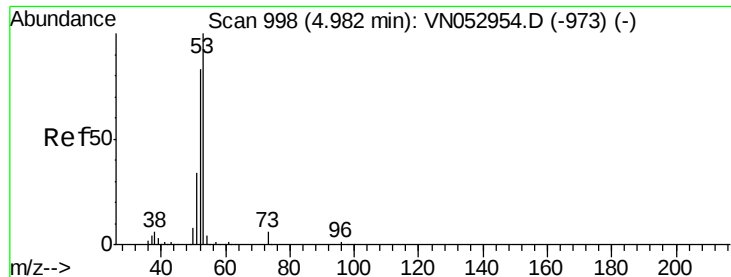
Ion Ratio Lower Upper

41 100

39 62.5 54.1 81.1

76 36.7 30.3 45.5





#15

Acrylonitrile

Concen: 105.248 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1218WBS01

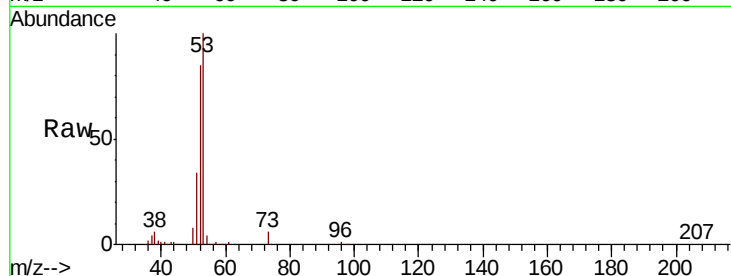
Tot Ion: 53 Resp: 419052

Ion Ratio Lower Upper

53 100

52 83.0 65.1 97.7

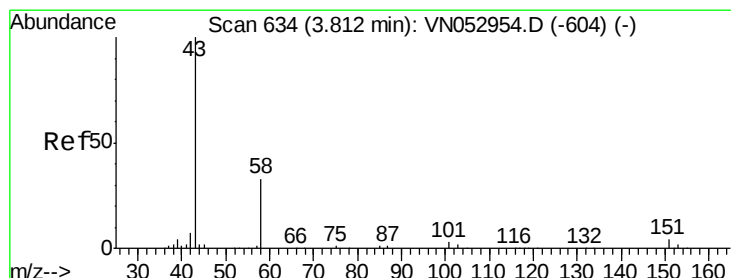
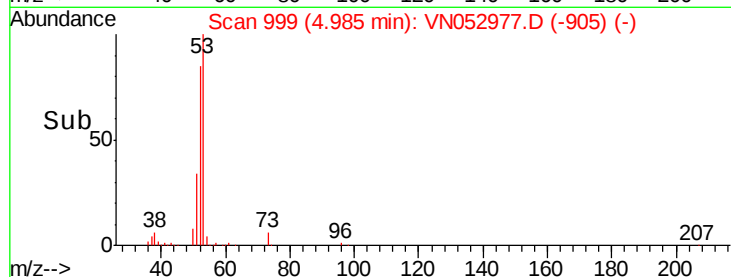
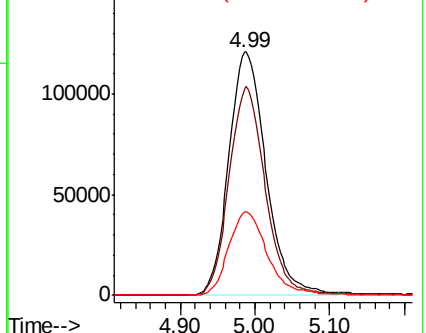
51 35.5 28.1 42.1



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: 115.035 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052977.D

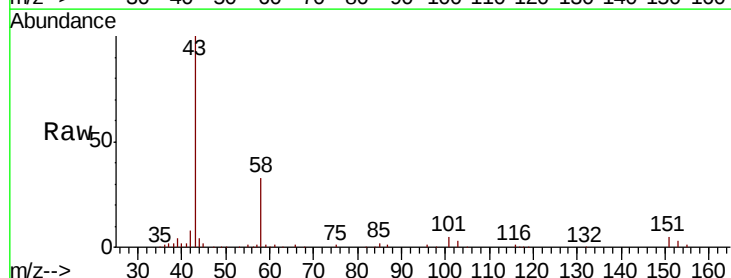
Acq: 18 Dec 2018 23:18

Tgt Ion: 43 Resp: 264926

Ion Ratio Lower Upper

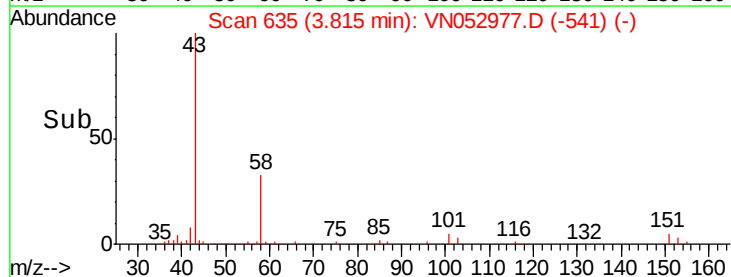
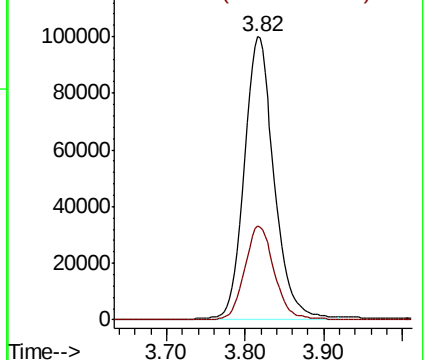
43 100

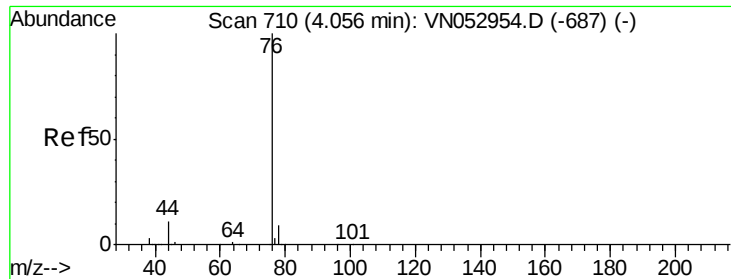
58 32.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.682 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampled :

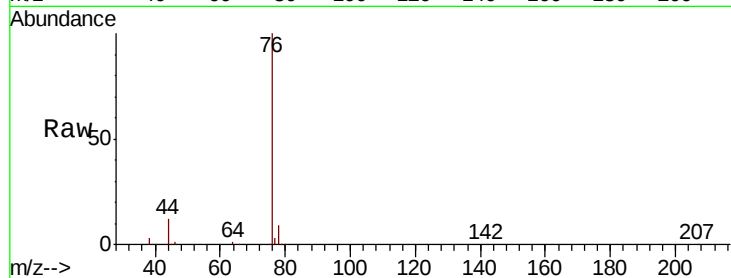
VN1218WBS01

Tot Ion: 76 Resp: 672152

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN052977.D (-617) (-)

Ion 77.90 (77.60 to 78.60): VN052977.D (-617) (-)

4.06

250000

200000

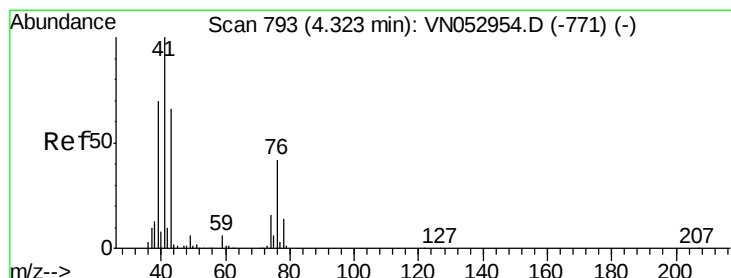
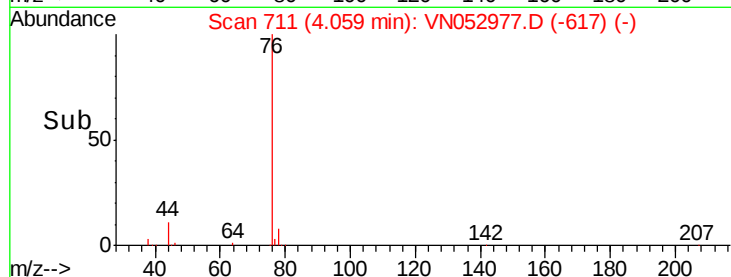
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 20.790 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052977.D

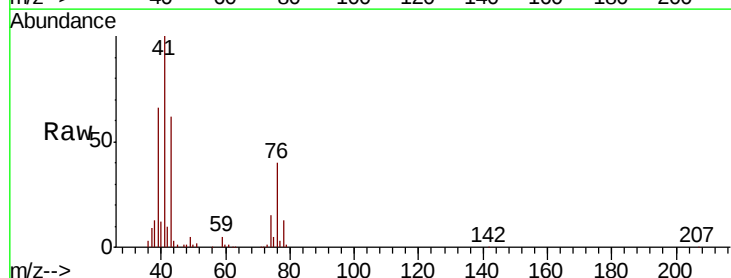
Acq: 18 Dec 2018 23:18

Tgt Ion: 43 Resp: 211127

Ion Ratio Lower Upper

43 100

74 24.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN052977.D (-700) (-)

Ion 74.00 (73.70 to 74.70): VN052977.D (-700) (-)

4.33

80000

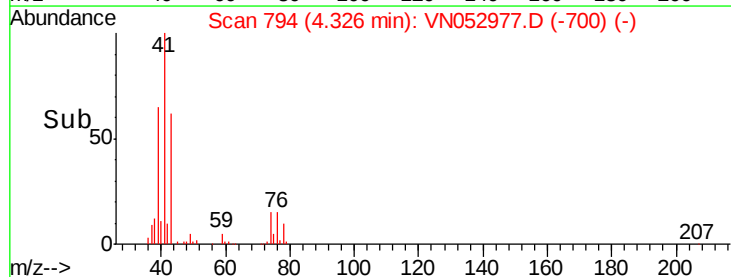
60000

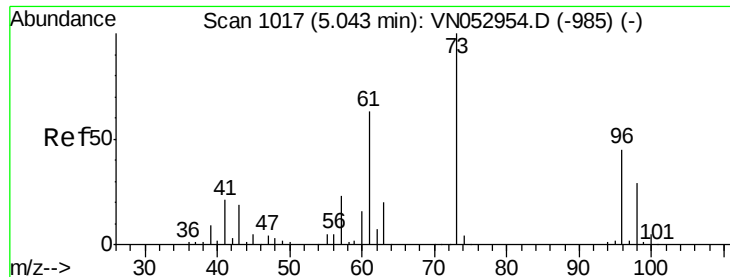
40000

20000

0

Time-->

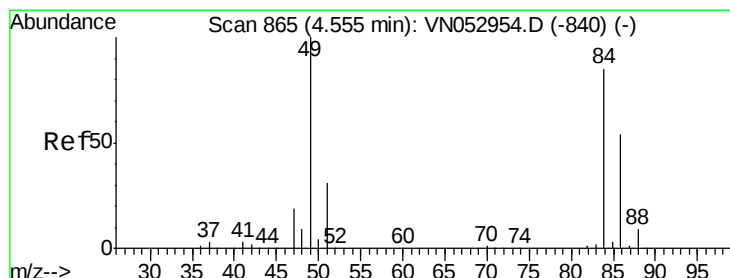
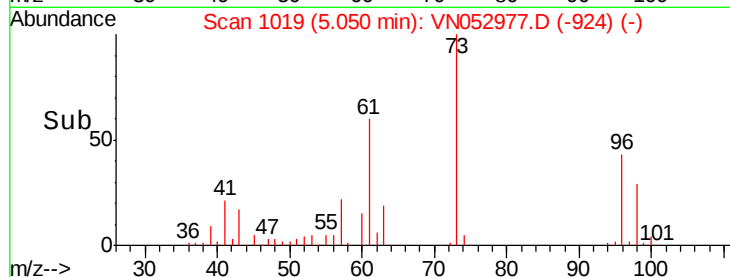
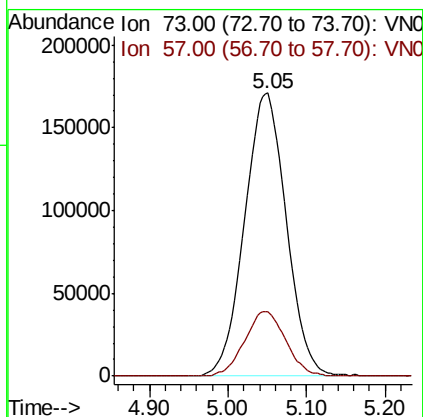
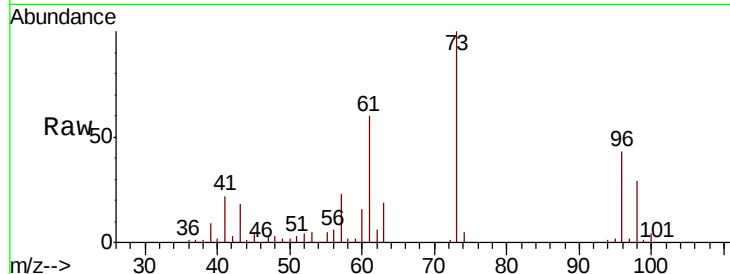




#19  
Methvl tert-butvl Ether  
Concen: 21.619 ug/l  
RT: 5.05 min Scan# 1019  
Delta R.T. 0.01 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

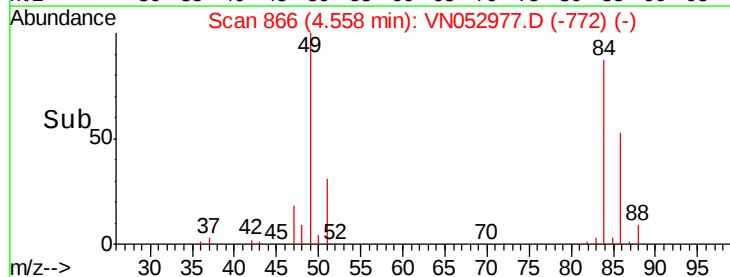
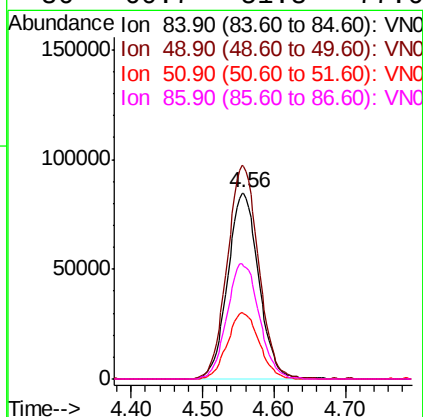
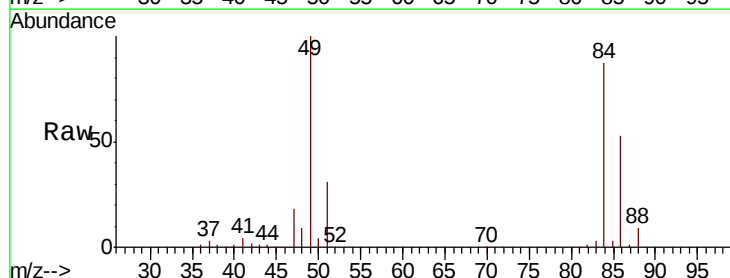
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1218WBS01

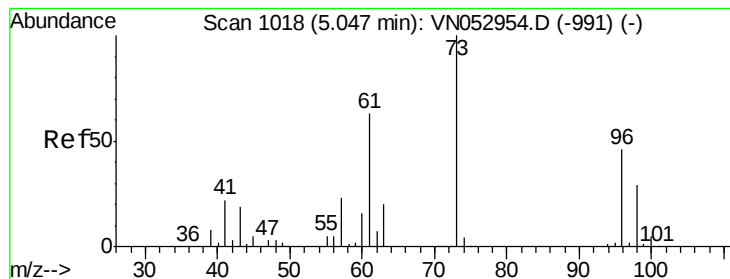
Tot Ion: 73 Resp: 638237  
Ion Ratio Lower Upper  
73 100  
57 22.7 18.4 27.6



#20  
Methylene Chloride  
Concen: 20.466 ug/l  
RT: 4.56 min Scan# 866  
Delta R.T. 0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

Tgt Ion: 84 Resp: 257100  
Ion Ratio Lower Upper  
84 100  
49 114.6 96.8 145.2  
51 35.4 29.9 44.9  
86 60.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 20.350 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1218WBS01

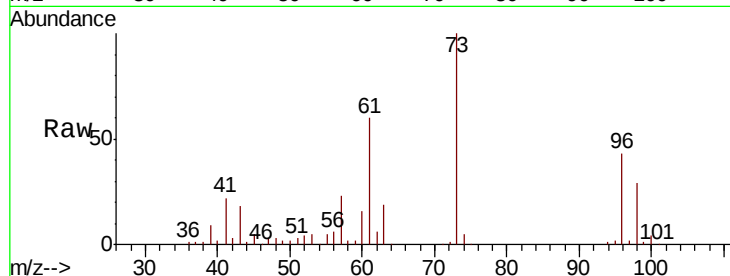
Tot Ion: 96 Resp: 241209

Ion Ratio Lower Upper

96 100

61 139.4 110.8 166.2

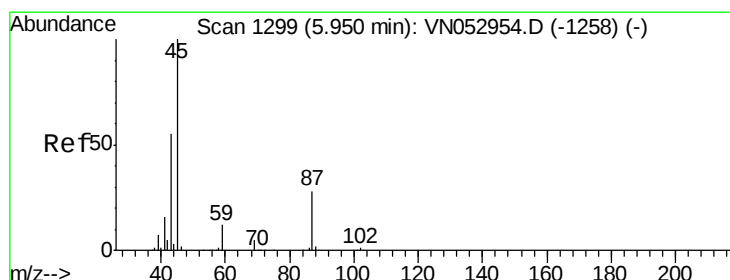
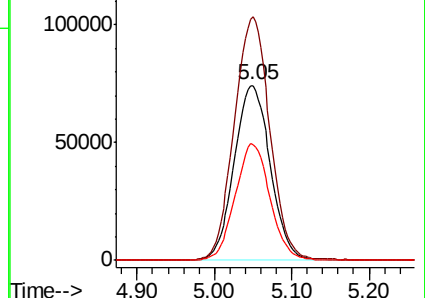
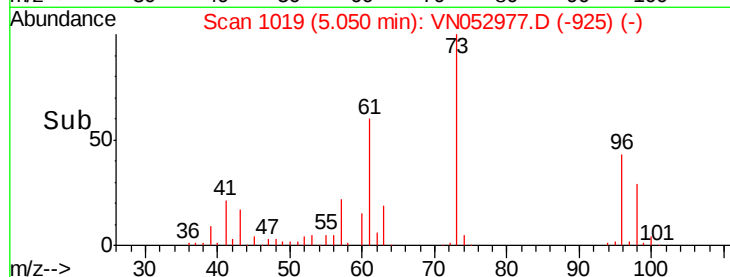
98 66.4 51.4 77.2



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: 21.442 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Tgt Ion: 45 Resp: 782113

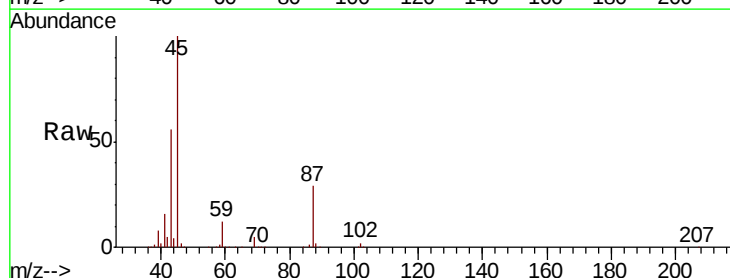
Ion Ratio Lower Upper

45 100

43 56.2 45.5 68.3

87 28.7 22.0 33.0

59 12.2 9.4 14.0

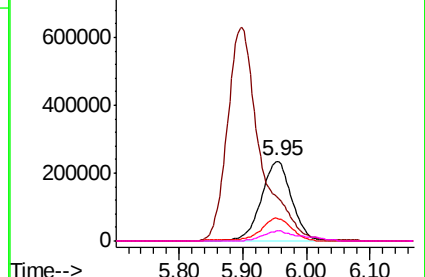
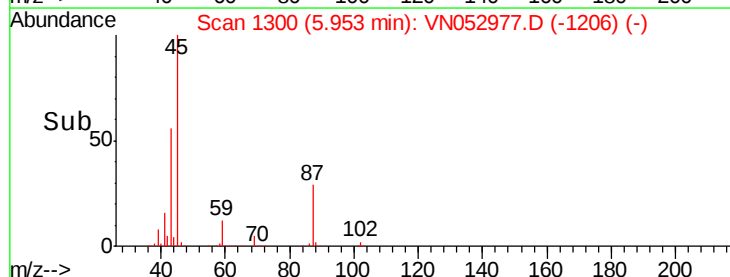


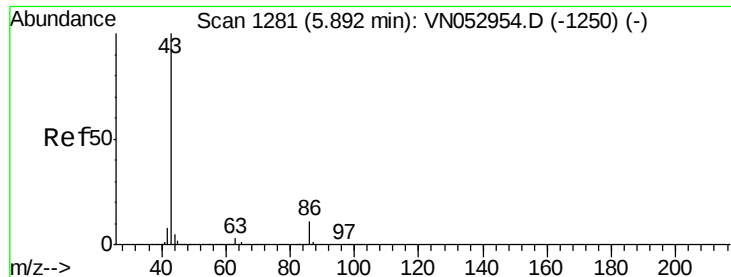
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

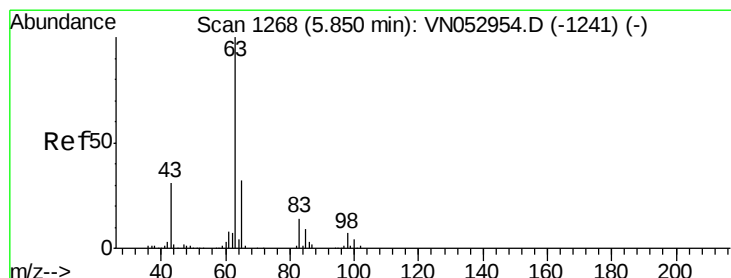
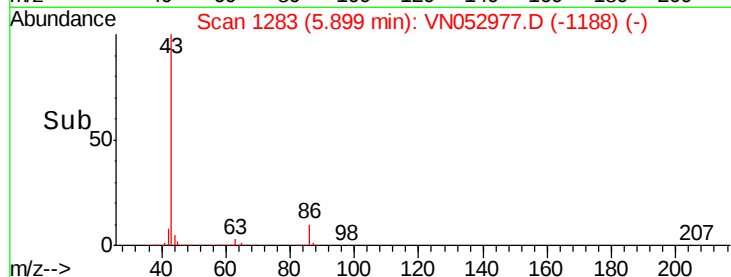
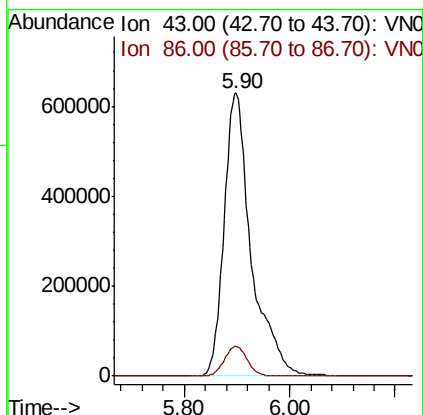
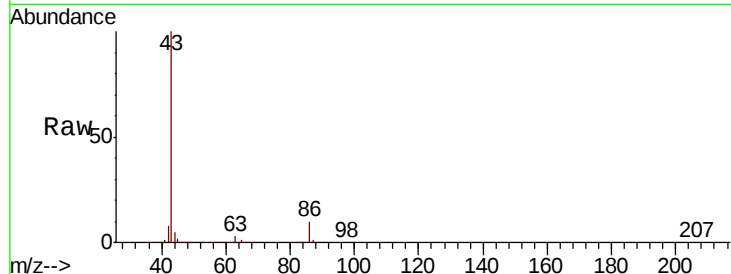




#23  
 Vinyl Acetate  
 Concen: 107.202 ug/l  
 RT: 5.90 min Scan# 1283  
 Delta R.T. 0.01 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

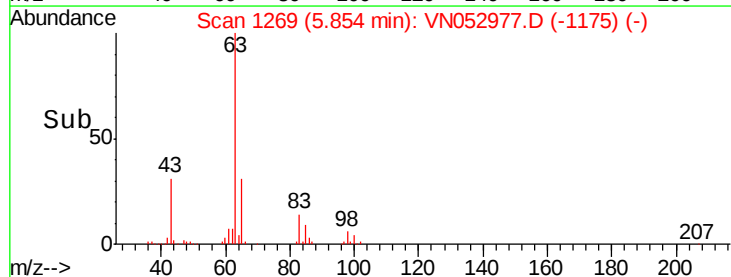
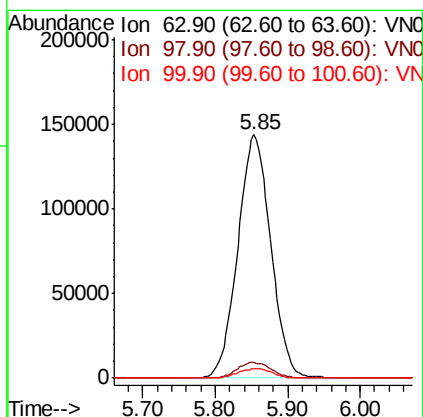
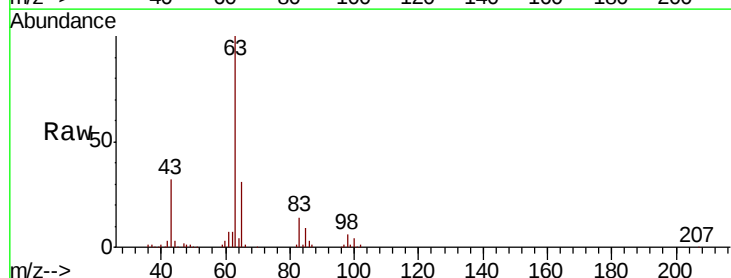
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1218WBS01

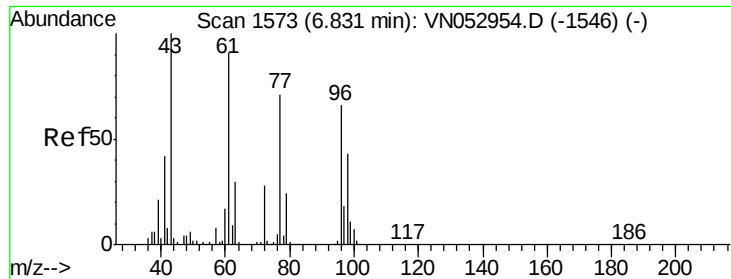
Tot Ion: 43 Resp: 2248482  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 8.1 12.1



#24  
 1,1-Dichloroethane  
 Concen: 20.955 ug/l  
 RT: 5.85 min Scan# 1269  
 Delta R.T. 0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

Tgt Ion: 63 Resp: 454189  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.1 9.4  
 100 3.9 2.0 5.8





#25

2-Butanone

Concen: 114.065 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

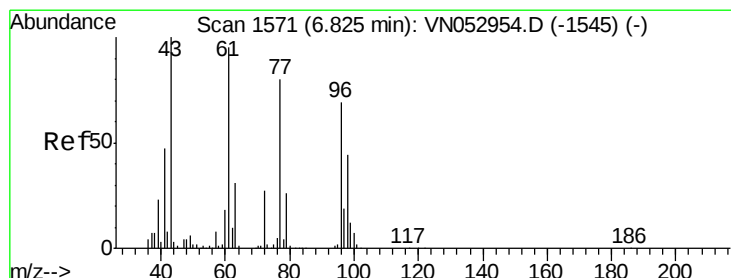
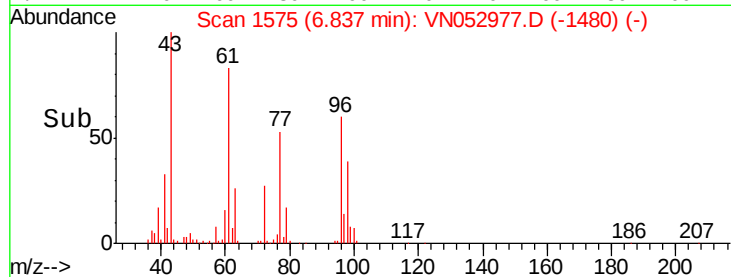
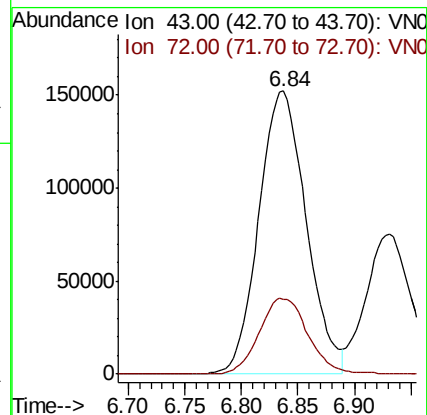
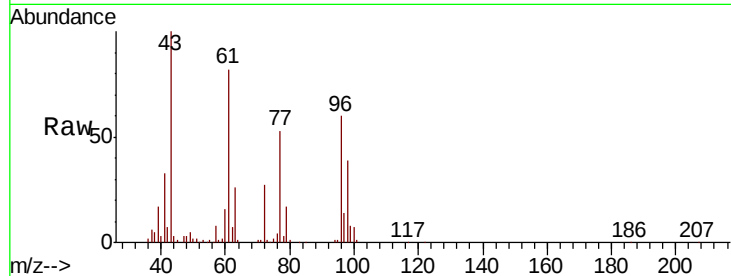
VN1218WBS01

Tot Ion: 43 Resp: 440859

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.124 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN052977.D

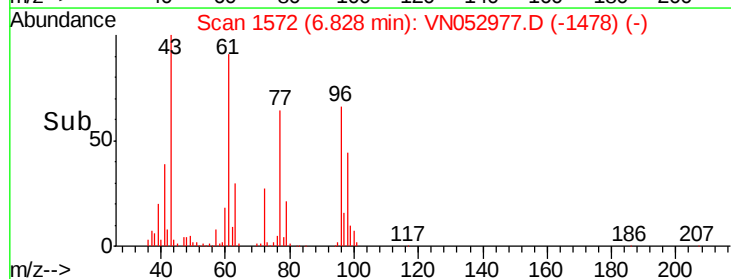
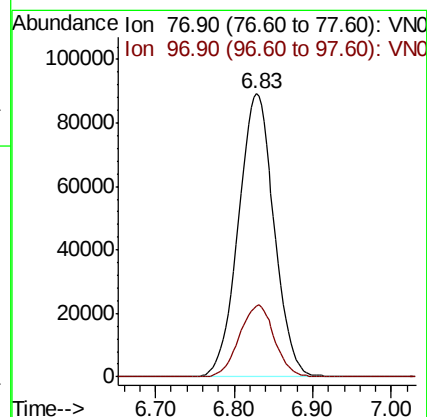
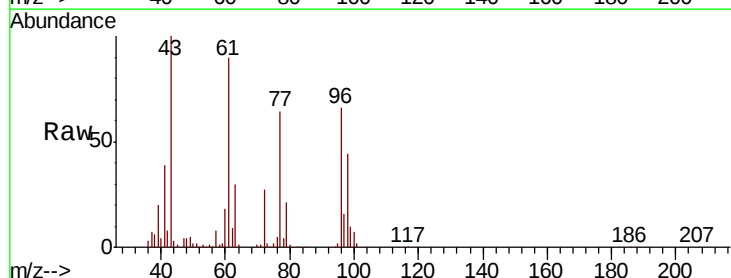
Acq: 18 Dec 2018 23:18

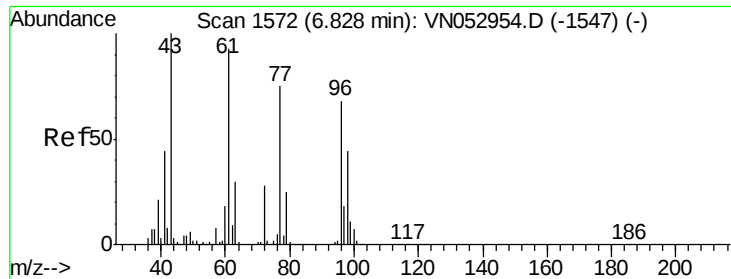
Tgt Ion: 77 Resp: 283329

Ion Ratio Lower Upper

77 100

97 25.0 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 20.841 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1218WBS01

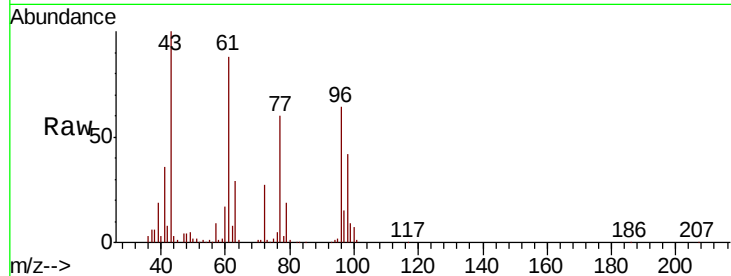
Tot Ion: 96 Resp: 279658

Ion Ratio Lower Upper

96 100

61 137.7 0.0 284.2

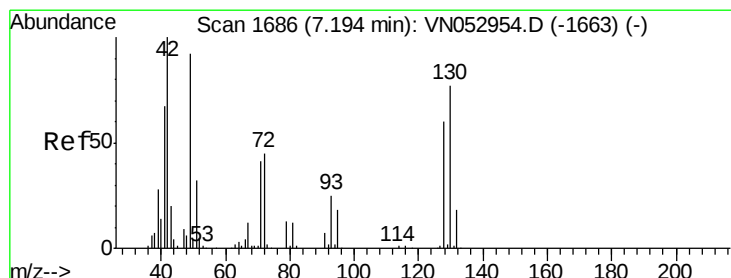
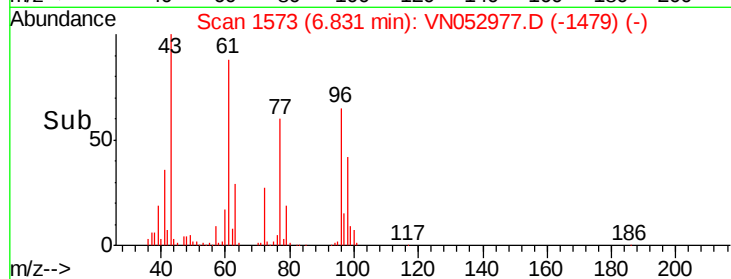
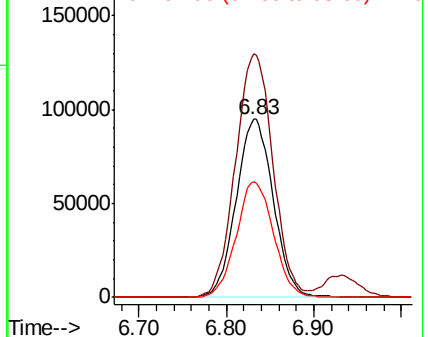
98 65.0 0.0 129.2



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



#28

Bromochloromethane

Concen: 22.741 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

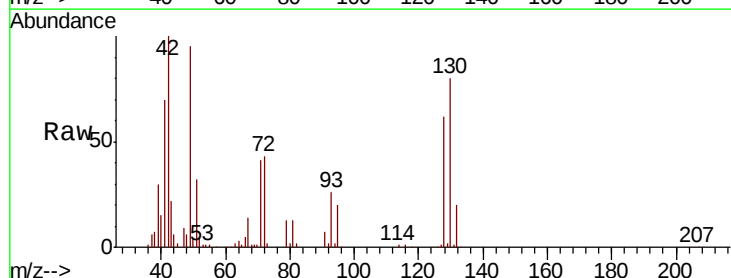
Tgt Ion: 49 Resp: 213581

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

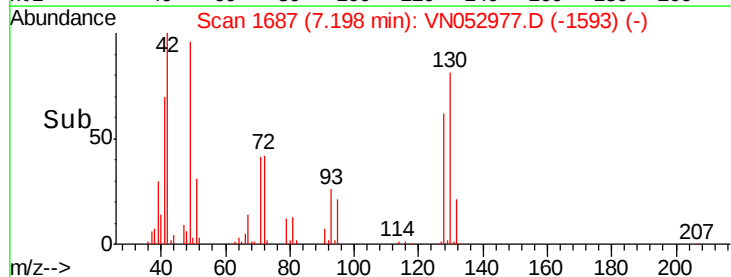
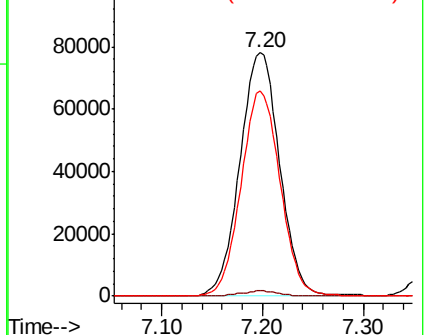
130 82.9 63.3 94.9

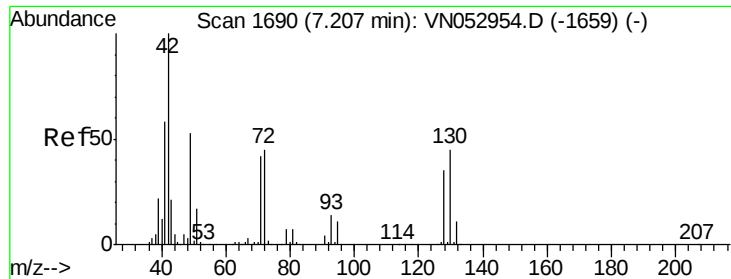


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

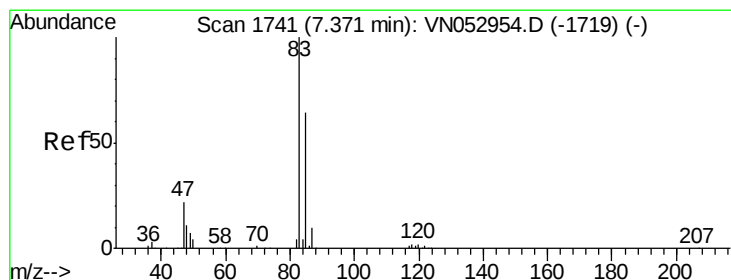
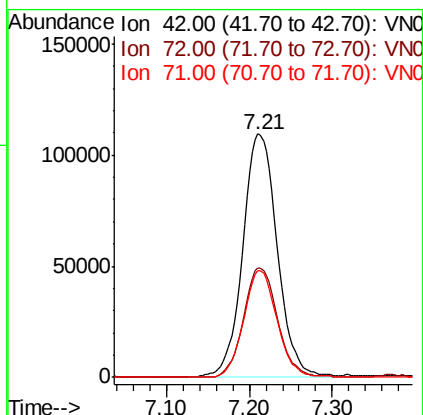
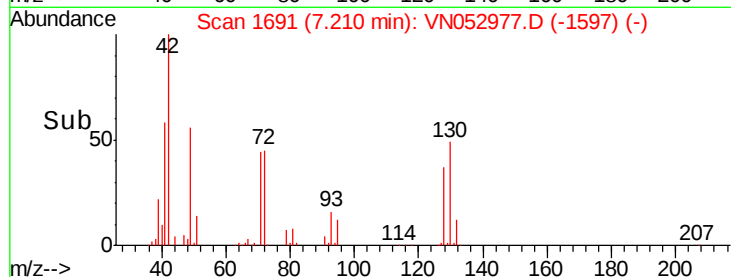
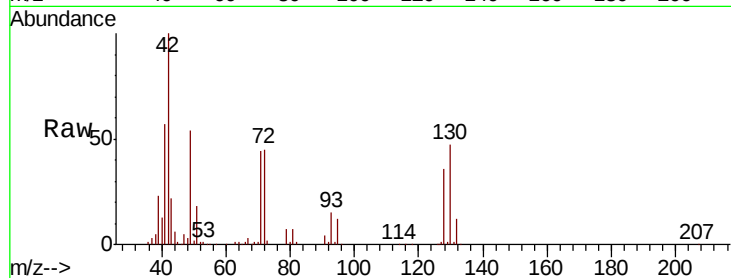




#29  
Tetrahydrofuran  
Concen: 109.816 ug/l  
RT: 7.21 min Scan# 1691  
Delta R.T. 0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

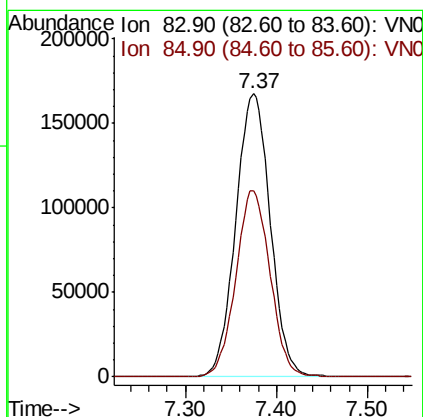
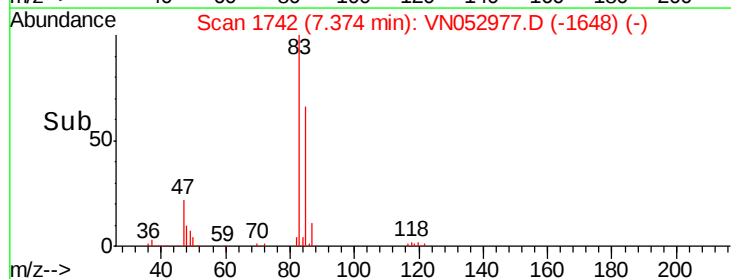
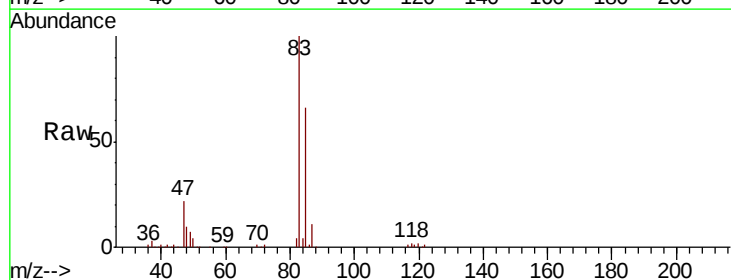
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1218WBS01

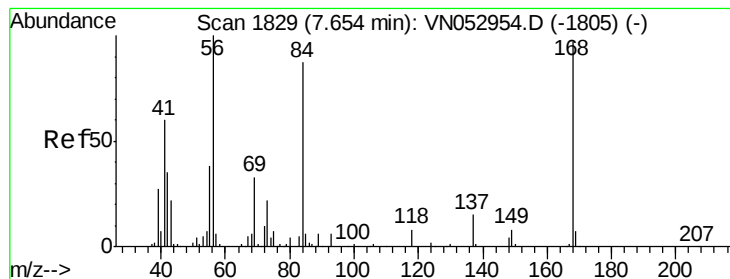
Tot Ion: 42 Resp: 316998  
Ion Ratio Lower Upper  
42 100  
72 44.1 34.7 52.1  
71 42.4 32.3 48.5



#30  
Chloroform  
Concen: 20.754 ug/l  
RT: 7.37 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

Tgt Ion: 83 Resp: 441885  
Ion Ratio Lower Upper  
83 100  
85 65.8 52.1 78.1





#31

Cyclohexane

Concen: 20.559 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleID :

VN1218WBS01

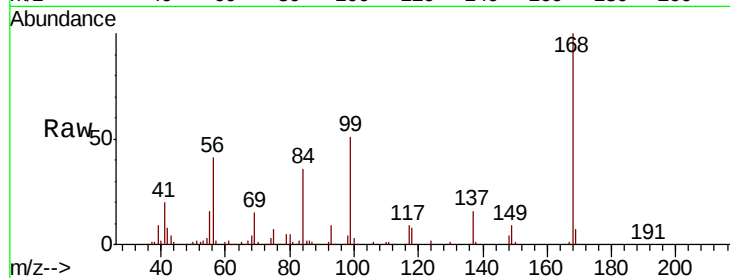
Tot Ion: 56 Resp: 430504

Ion Ratio Lower Upper

56 100

69 36.4 26.6 39.8

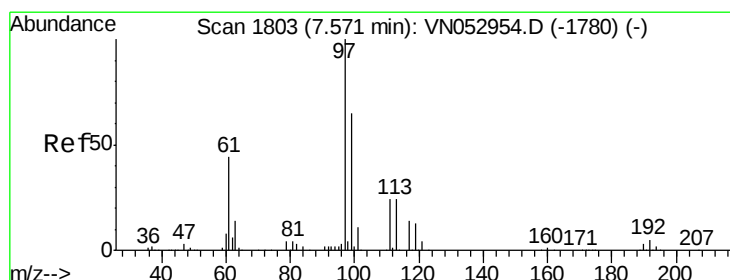
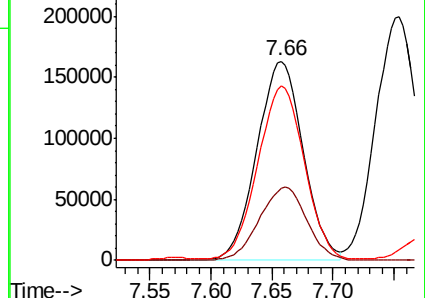
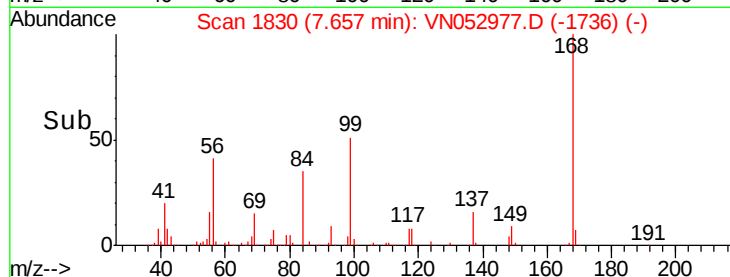
84 86.6 68.4 102.6



Abundance Ion 56.00 (55.70 to 56.70): VN052977.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN052977.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN052977.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 20.382 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

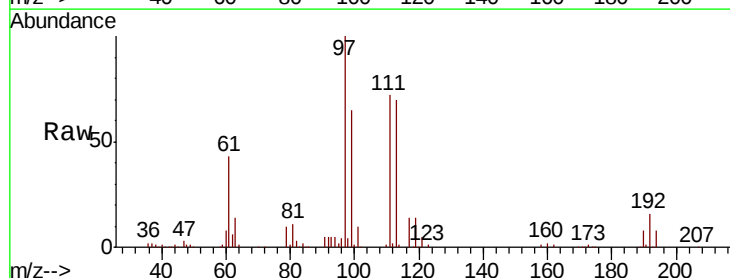
Tgt Ion: 97 Resp: 369688

Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

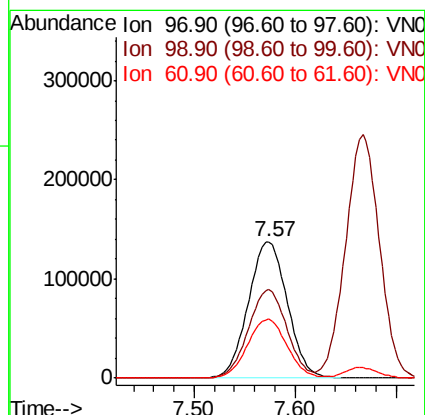
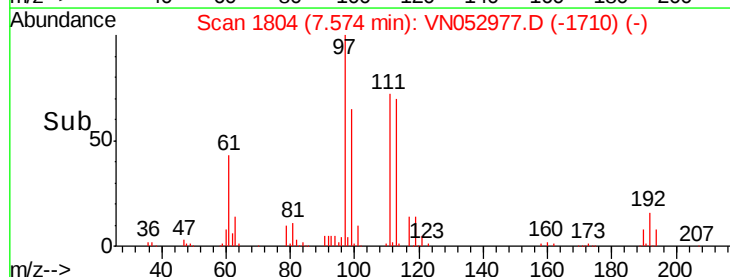
61 43.6 35.0 52.6

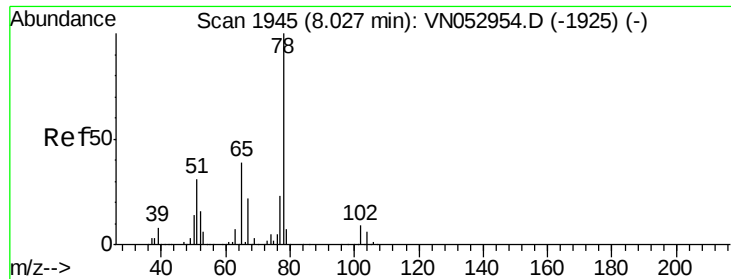


Abundance Ion 96.90 (96.60 to 97.60): VN052977.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN052977.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN052977.D (-1710) (-)

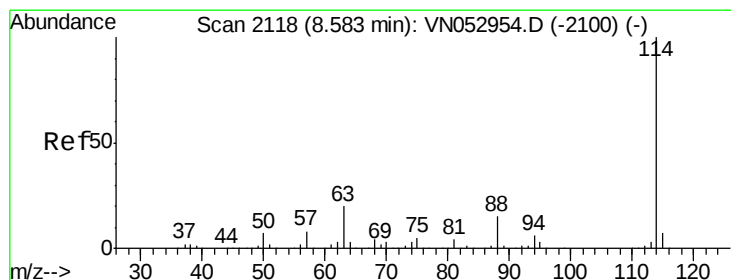
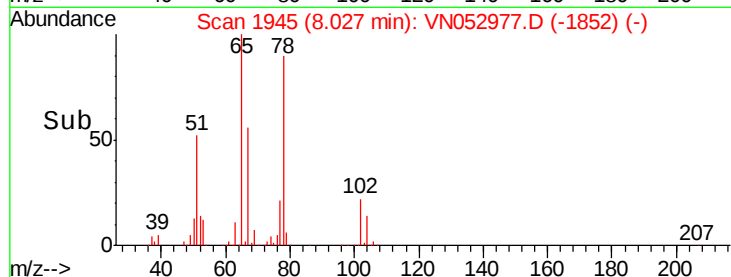
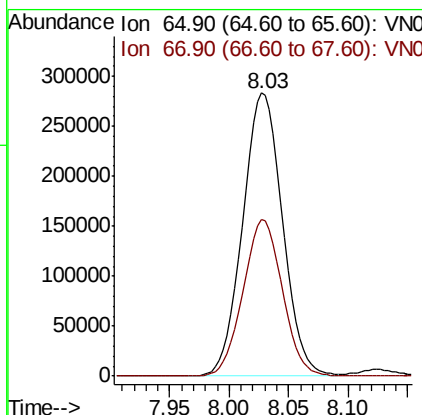
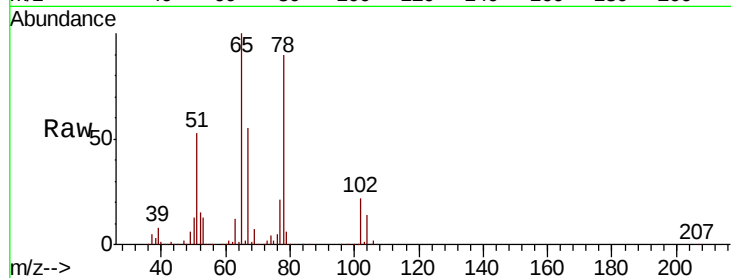




#33  
 1,2-Dichloroethane-d4  
 Concen: 20.382 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

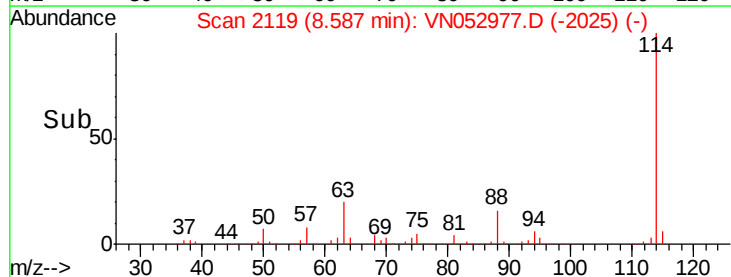
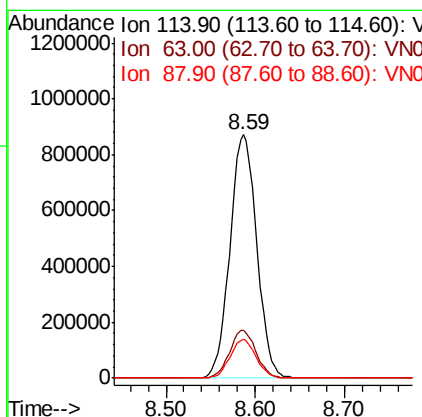
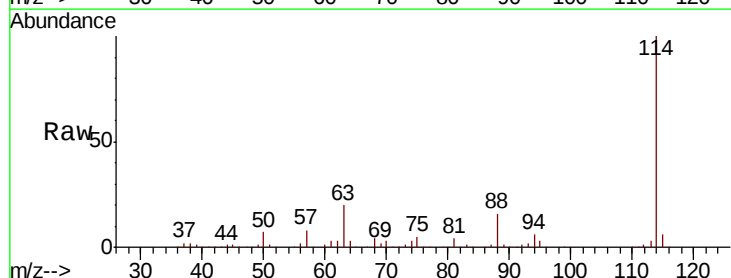
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1218WBS01

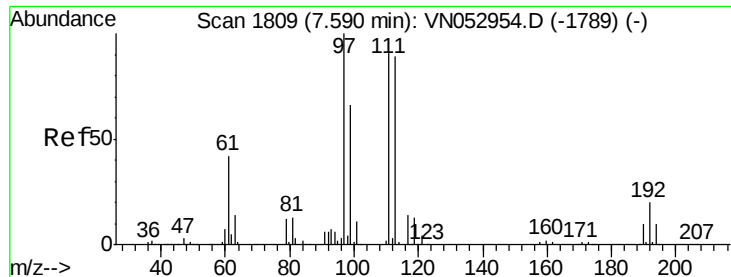
Tot Ion: 65 Resp: 657653  
 Ion Ratio Lower Upper  
 65 100  
 67 54.6 0.0 110.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

Tgt Ion: 114 Resp: 1809295  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 39.8  
 88 15.7 0.0 31.0

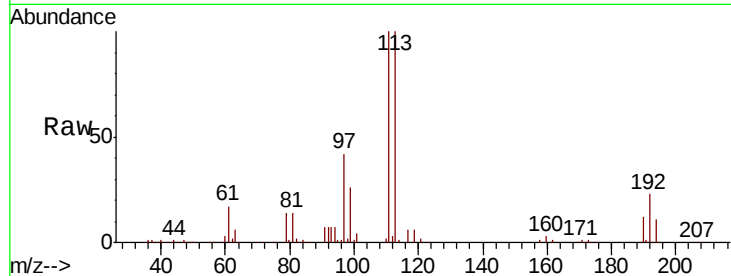




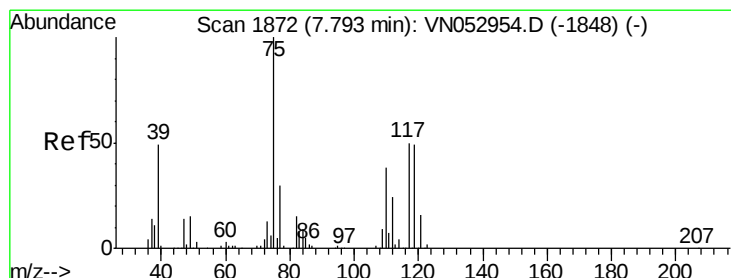
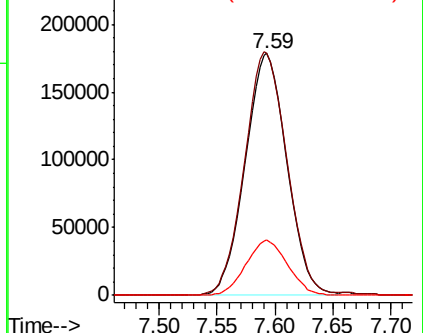
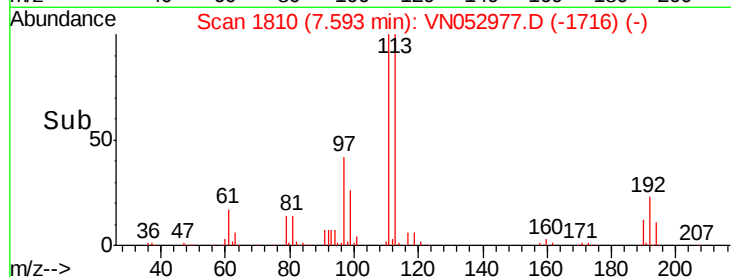
#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1218WBS01

Tot Ion:113 Resp: 446445  
 Ion Ratio Lower Upper  
 113 100  
 111 103.1 83.0 124.4  
 192 22.9 17.5 26.3

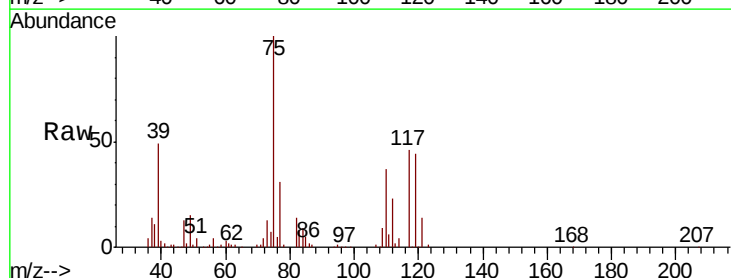


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

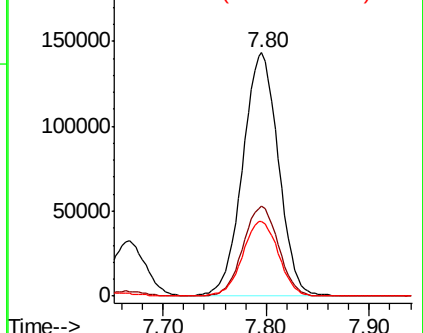
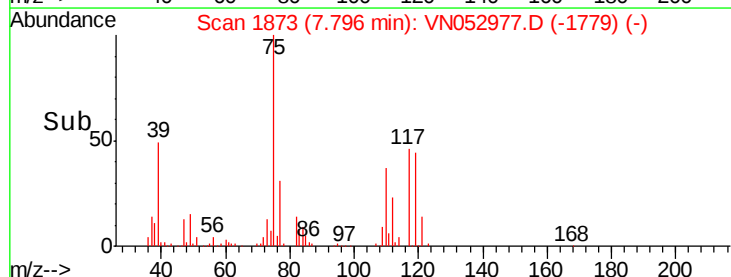


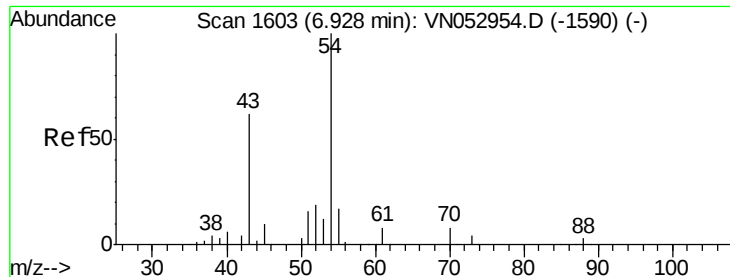
#36  
 1,1-Dichloropropene  
 Concen: 19.720 ug/l  
 RT: 7.80 min Scan# 1873  
 Delta R.T. 0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

Tgt Ion: 75 Resp: 342461  
 Ion Ratio Lower Upper  
 75 100  
 110 36.9 18.2 54.6  
 77 31.2 24.9 37.3



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

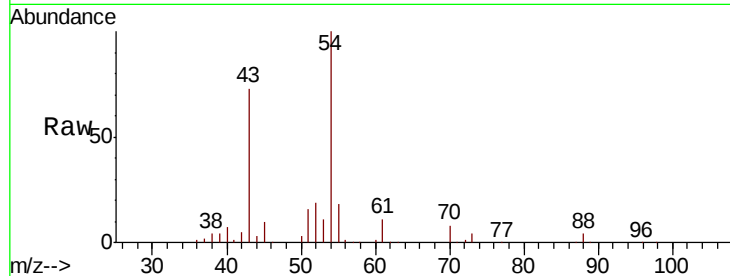




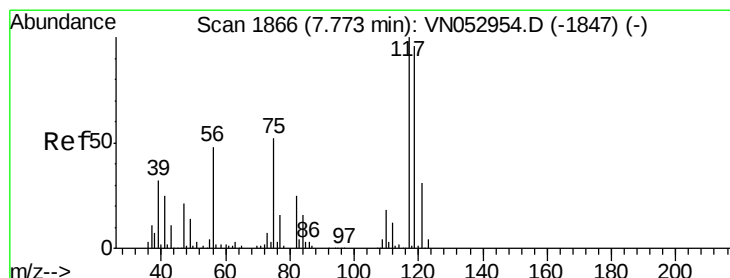
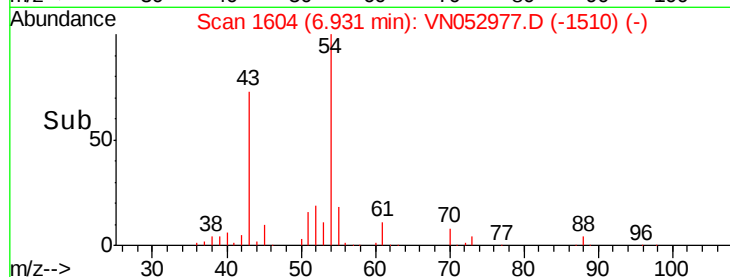
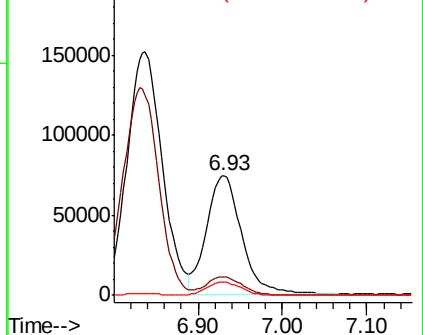
#37  
Ethyl Acetate  
Concen: 22.304 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1218WBS01

Tot Ion: 43 Resp: 216224  
Ion Ratio Lower Upper  
43 100  
61 15.2 11.8 17.6  
70 10.8 8.4 12.6

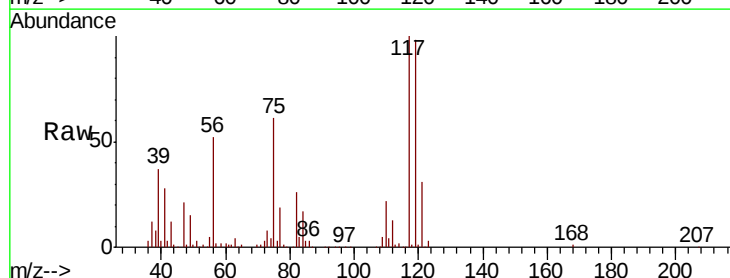


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

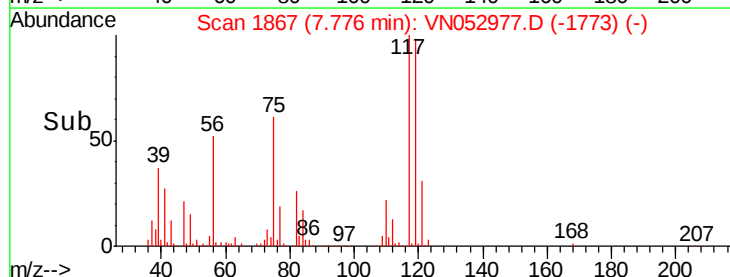
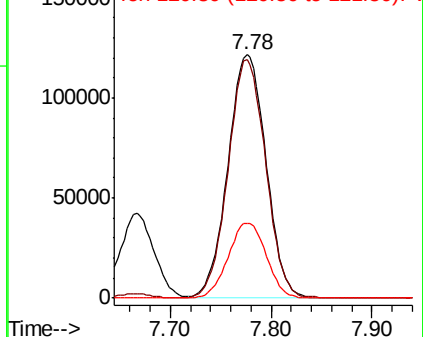


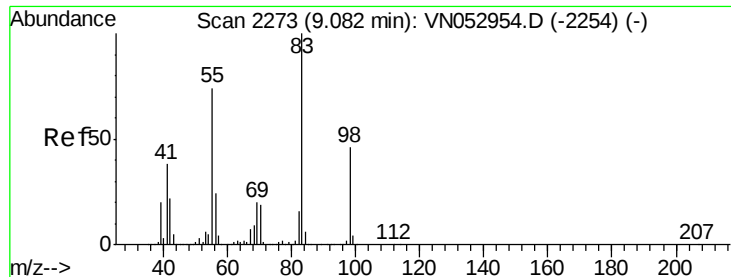
#38  
Carbon Tetrachloride  
Concen: 19.940 ug/l  
RT: 7.78 min Scan# 1867  
Delta R.T. 0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

Tgt Ion: 117 Resp: 317392  
Ion Ratio Lower Upper  
117 100  
119 98.1 77.1 115.7  
121 30.8 24.9 37.3



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

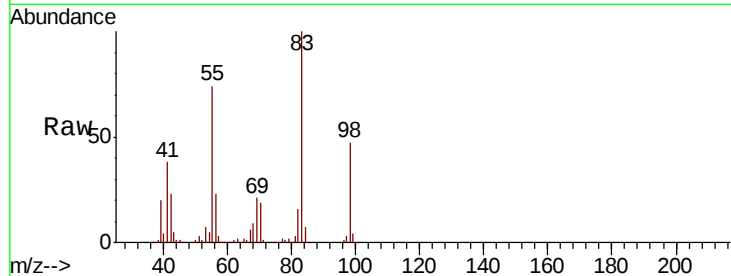




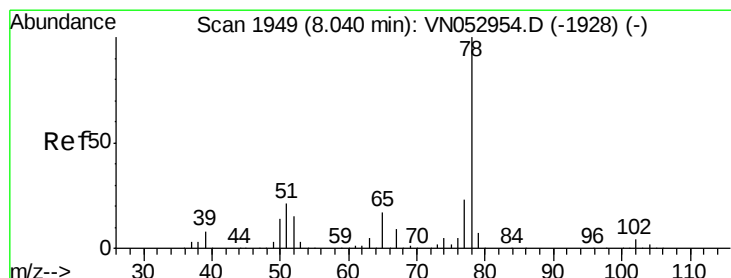
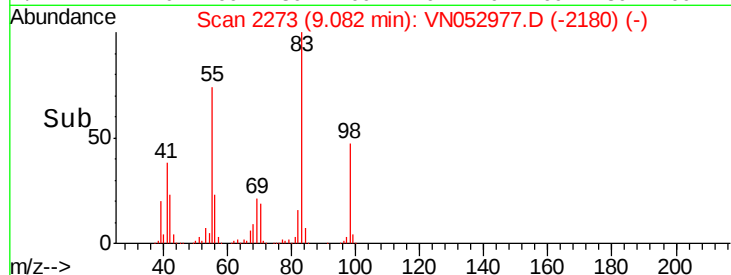
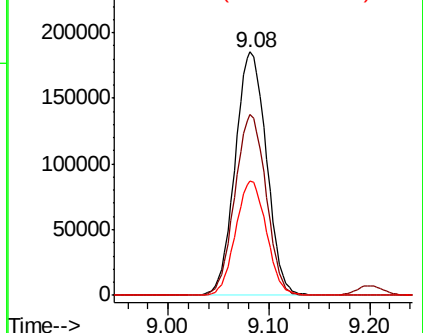
#39  
Methvlcvclohexane  
Concen: 18.907 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. -0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1218WBS01

Tot Ion: 83 Resp: 398864  
Ion Ratio Lower Upper  
83 100  
55 74.1 61.3 91.9  
98 47.1 37.0 55.4

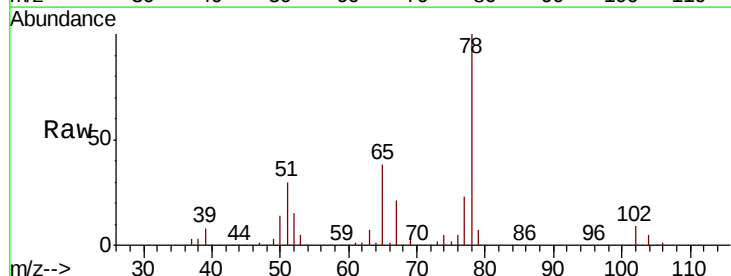


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

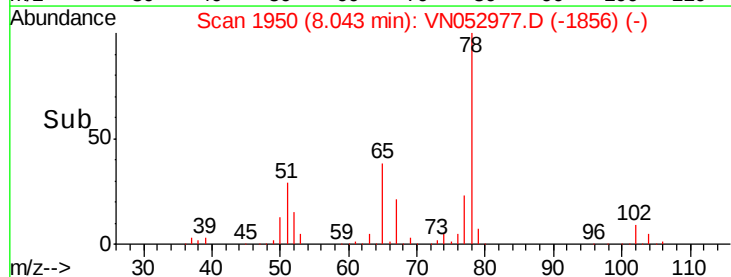
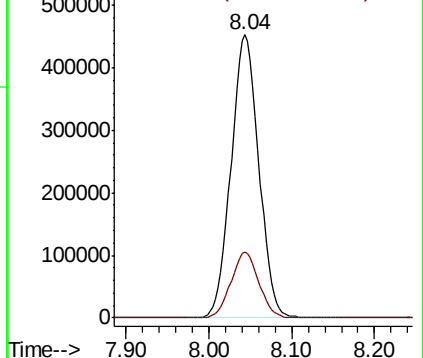


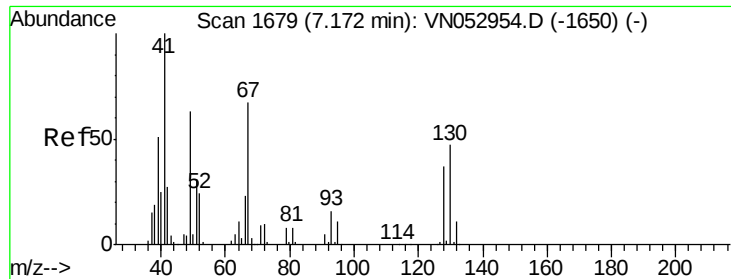
#40  
Benzene  
Concen: 20.429 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

Tgt Ion: 78 Resp: 1055241  
Ion Ratio Lower Upper  
78 100  
77 23.1 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN0  
Ion 77.00 (76.70 to 77.70): VN0

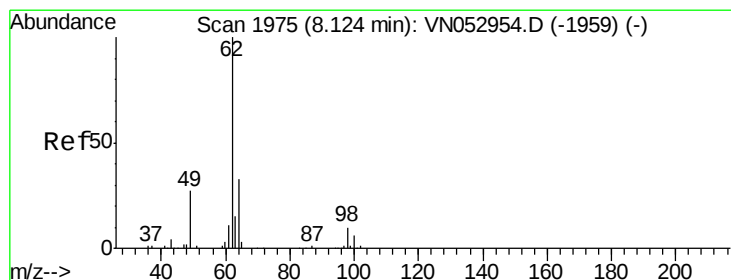
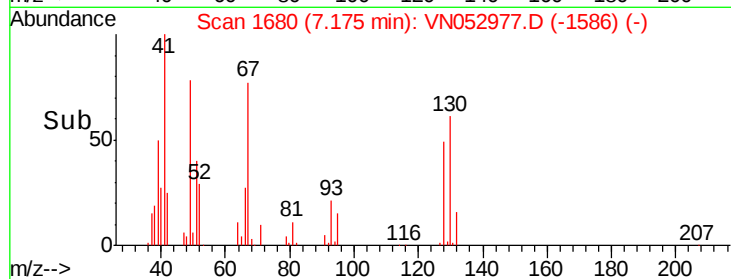
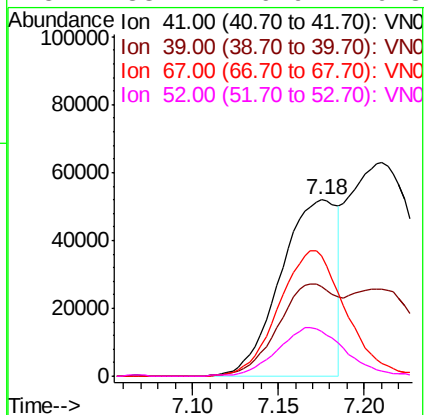
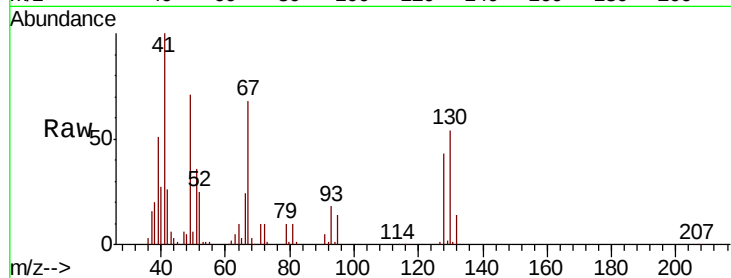




#41  
Methacrylonitrile  
Concen: 21.218 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. 0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

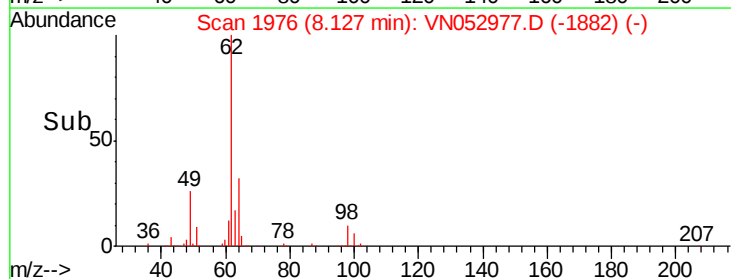
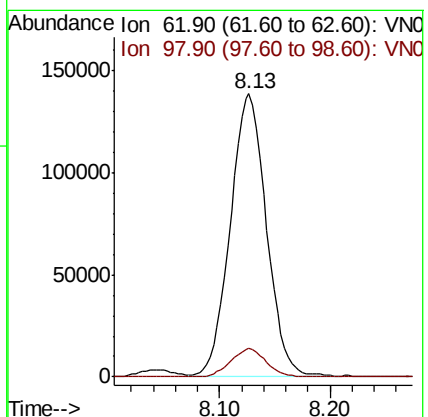
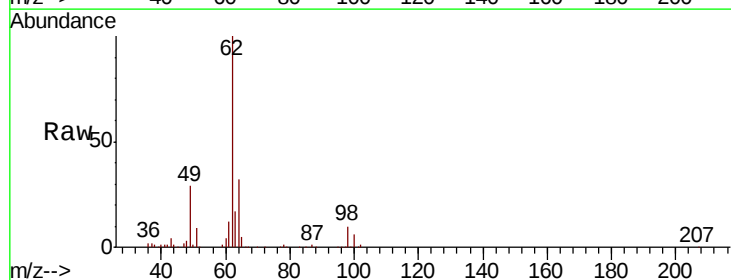
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1218WBS01

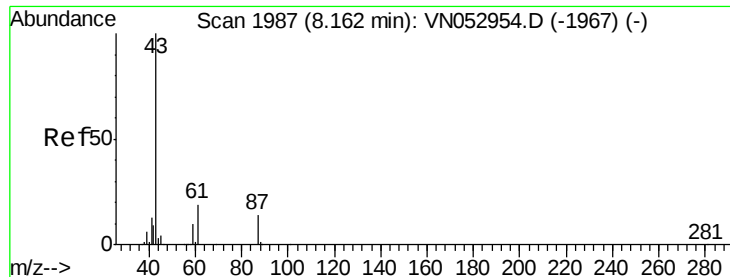
Tot Ion: 41 Resp: 118850  
Ion Ratio Lower Upper  
41 100  
39 56.4 48.0 72.0  
67 84.3 70.3 105.5  
52 33.1 26.9 40.3



#42  
1,2-Dichloroethane  
Concen: 20.492 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

Tgt Ion: 62 Resp: 312699  
Ion Ratio Lower Upper  
62 100  
98 10.0 0.0 19.0





#43

Isopropyl Acetate

Concen: 21.004 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1218WBS01

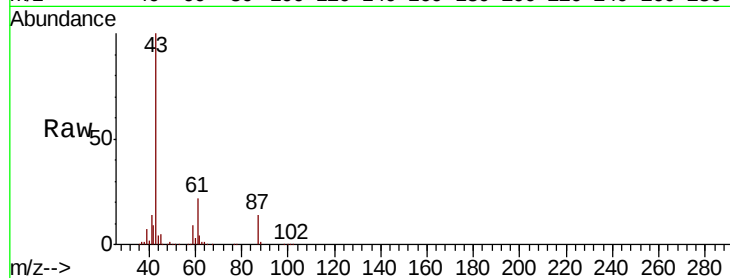
Tot Ion: 43 Resp: 405415

Ion Ratio Lower Upper

43 100

61 28.2 22.9 34.3

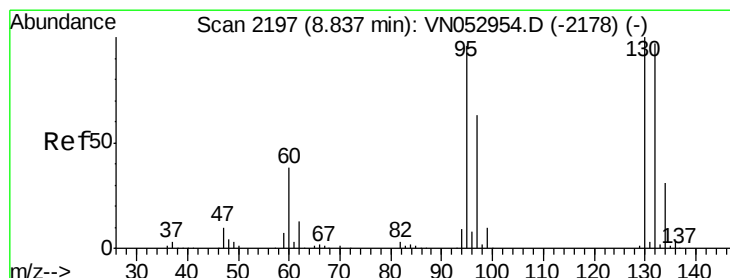
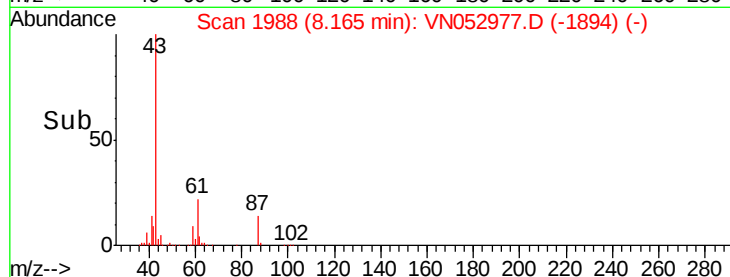
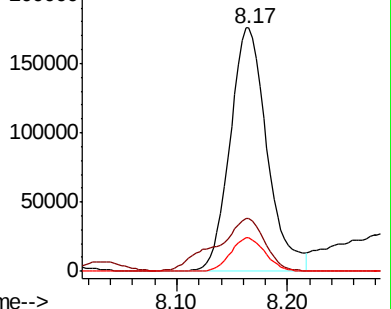
87 13.1 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052954.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052954.D (-1967) (-)



#44

Trichloroethene

Concen: 19.570 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN052977.D

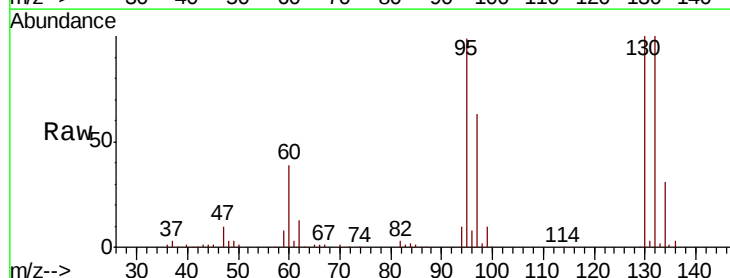
Acq: 18 Dec 2018 23:18

Tgt Ion:130 Resp: 292386

Ion Ratio Lower Upper

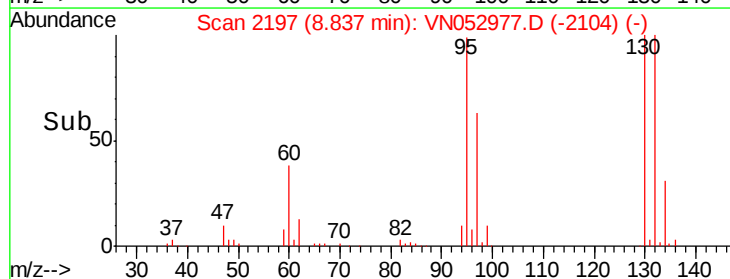
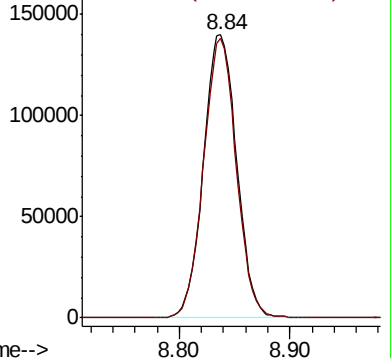
130 100

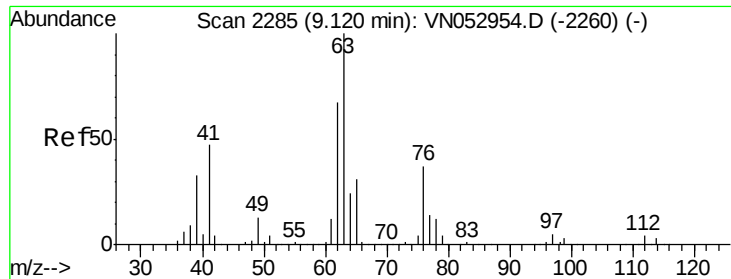
95 98.9 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN052954.D (-2178) (-)

Ion 94.90 (94.60 to 95.60): VN052954.D (-2178) (-)

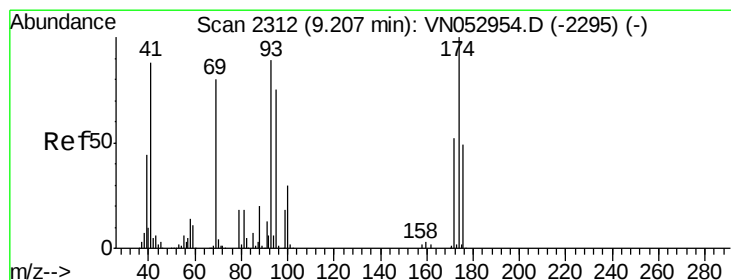
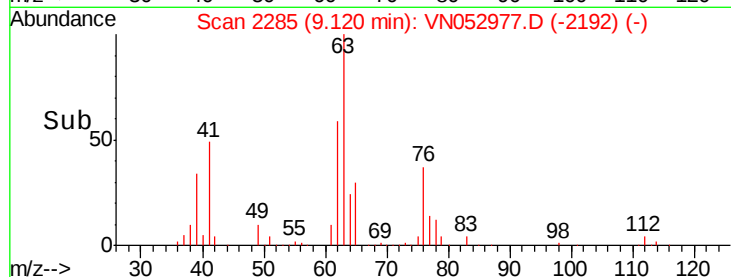
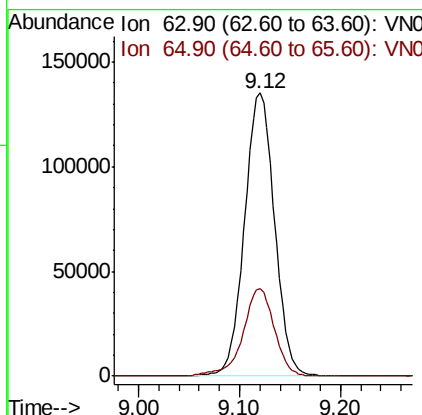
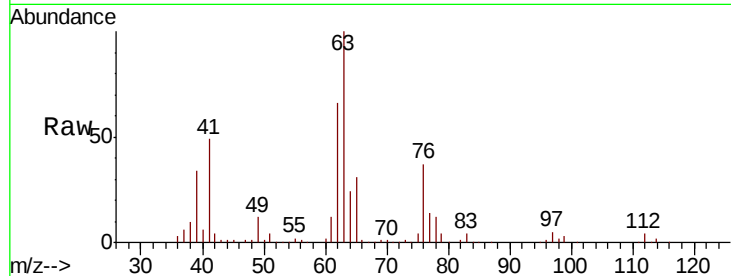




#45  
 1,2-Dichloropropane  
 Concen: 20.651 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. -0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

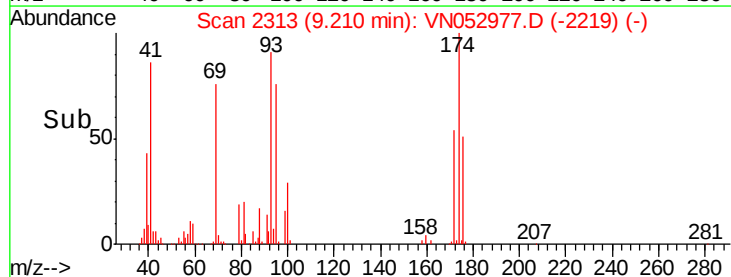
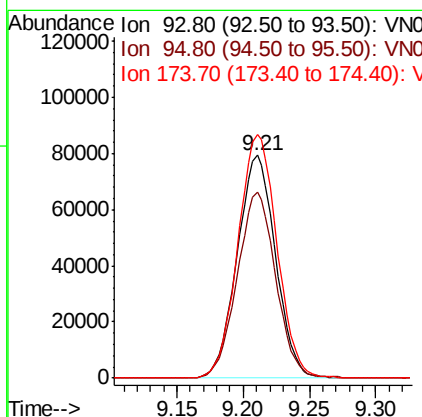
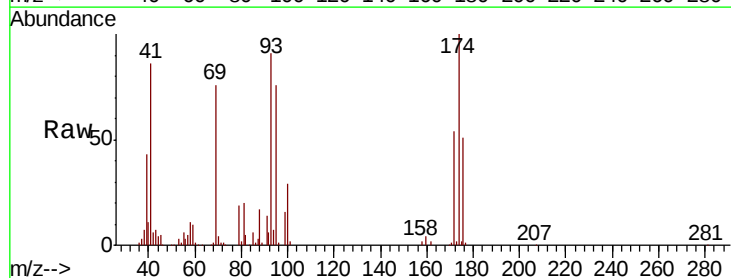
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1218WBS01

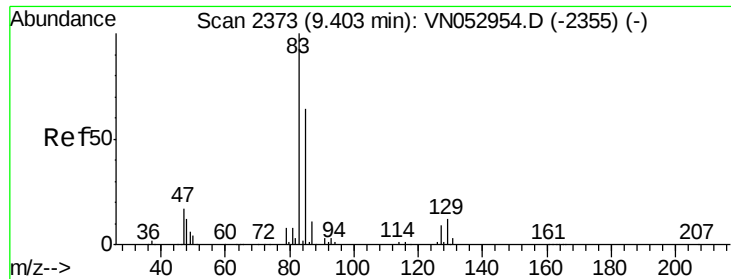
Tot Ion: 63 Resp: 277858  
 Ion Ratio Lower Upper  
 63 100  
 65 30.8 24.6 37.0



#46  
 Dibromomethane  
 Concen: 20.374 ug/l  
 RT: 9.21 min Scan# 2313  
 Delta R.T. 0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

Tgt Ion: 93 Resp: 159690  
 Ion Ratio Lower Upper  
 93 100  
 95 83.6 67.8 101.6  
 174 111.2 89.0 133.4

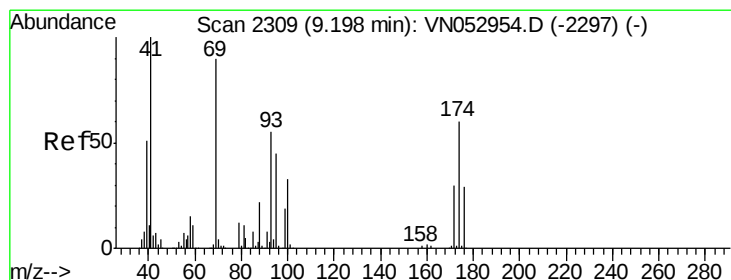
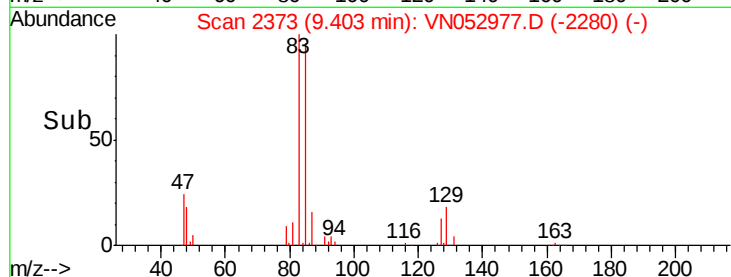
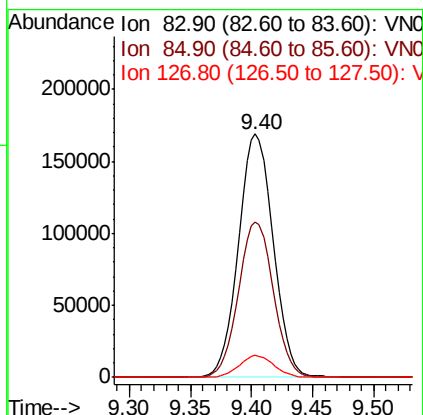
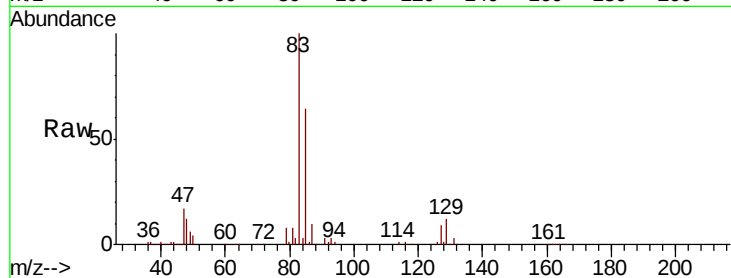




#47  
Bromodichloromethane  
Concen: 19.973 ug/l  
RT: 9.40 min Scan# 2373  
Delta R.T. -0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

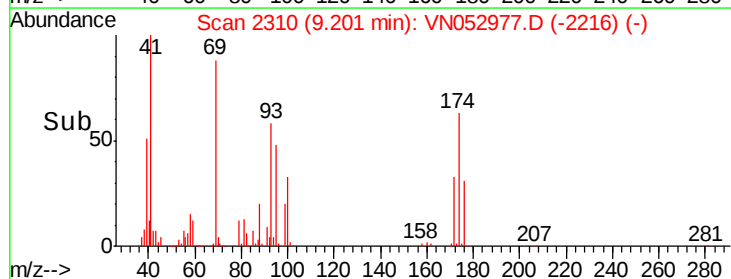
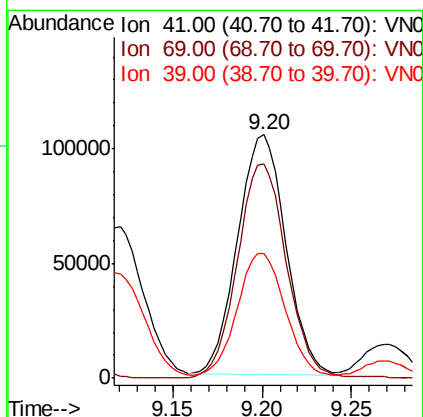
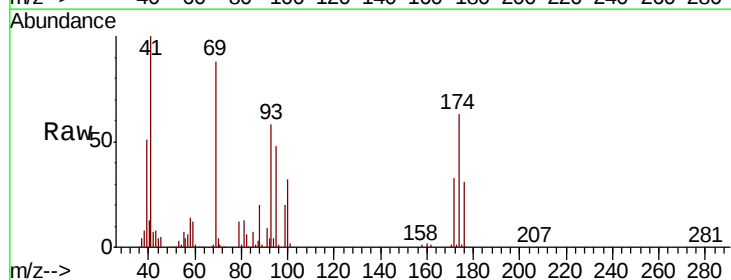
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1218WBS01

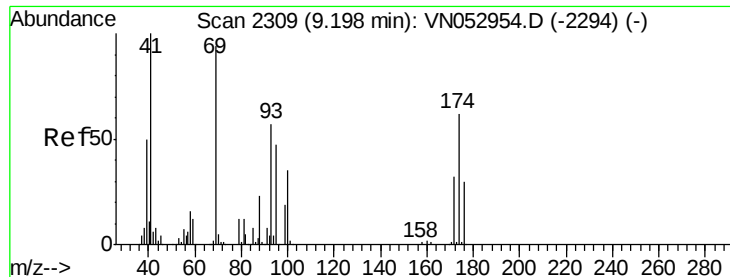
| Tot Ion   | 83    | Resp  | 332760 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.0  | 51.6  | 77.4   |
| 127       | 8.9   | 7.1   | 10.7   |



#48  
Methyl methacrylate  
Concen: 20.927 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

| Tgt Ion   | 41    | Resp  | 196865 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 91.3  | 72.2  | 108.2  |
| 39        | 52.8  | 41.9  | 62.9   |

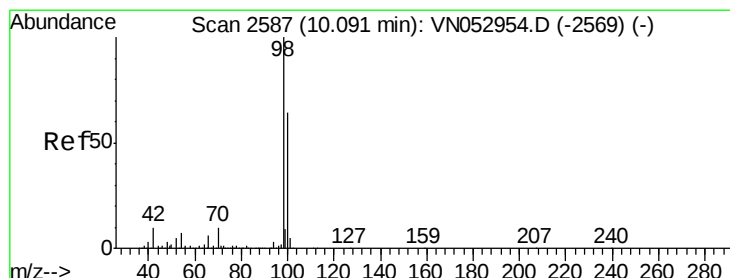
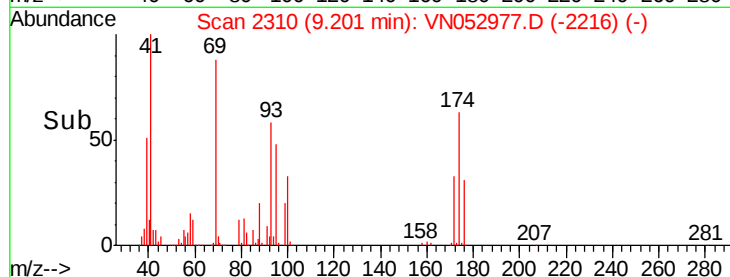
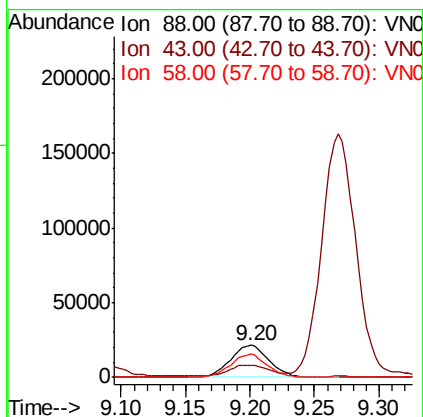
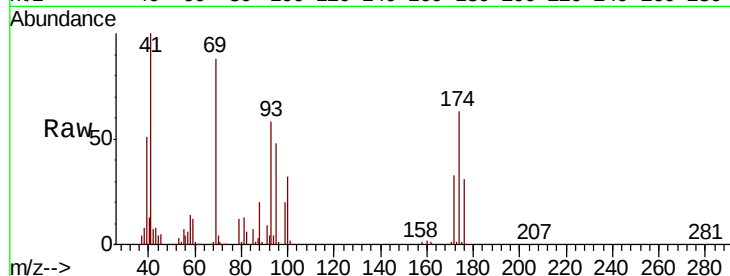




#49  
1,4-Dioxane  
Concen: 374.423 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

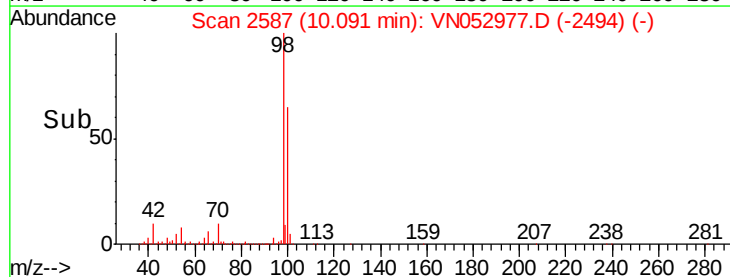
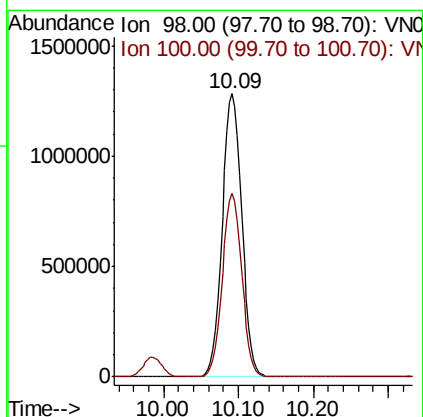
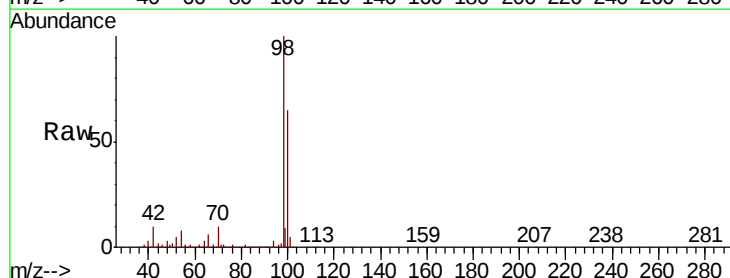
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1218WBS01

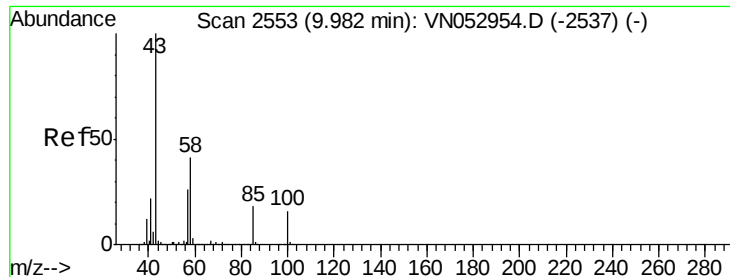
Tot Ion: 88 Resp: 44556  
Ion Ratio Lower Upper  
88 100  
43 34.5 26.6 40.0  
58 69.3 58.4 87.6



#50  
Toluene-d8  
Concen: 374.423 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. -0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

Tgt Ion: 98 Resp: 2310589  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.6 77.4

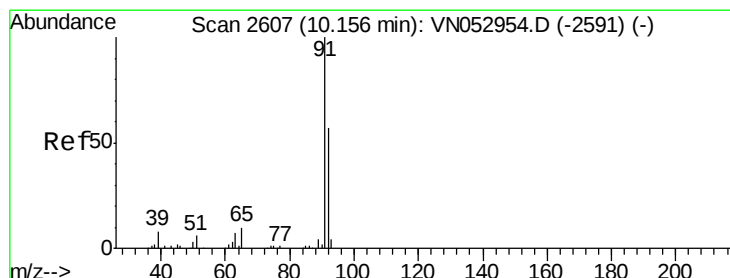
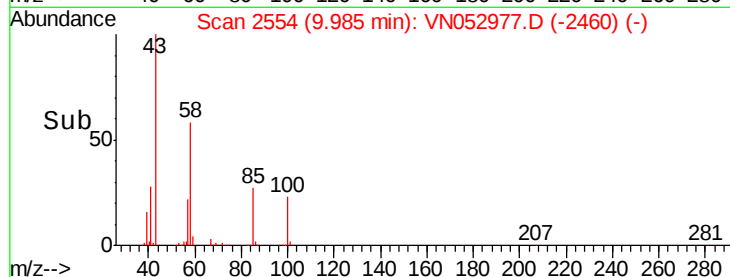
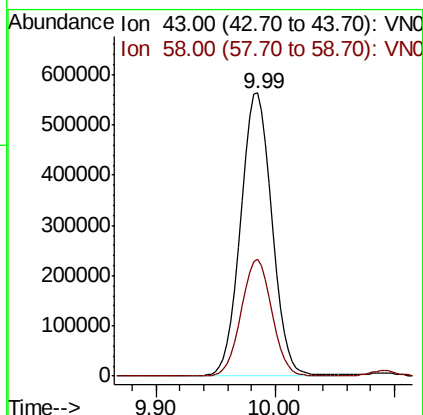
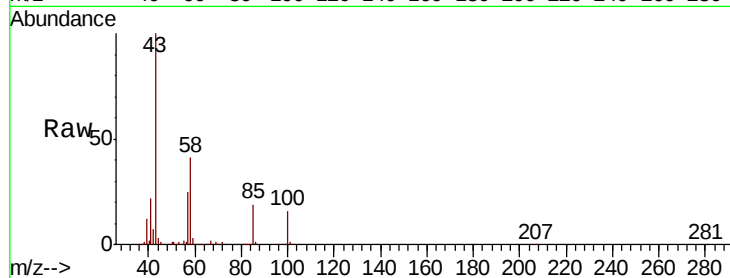




#51  
 4-Methyl-2-Pentanone  
 Concen: 109.465 ug/l  
 RT: 9.99 min Scan# 2554  
 Delta R.T. 0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

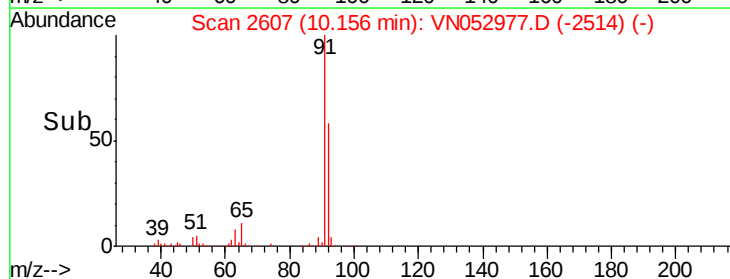
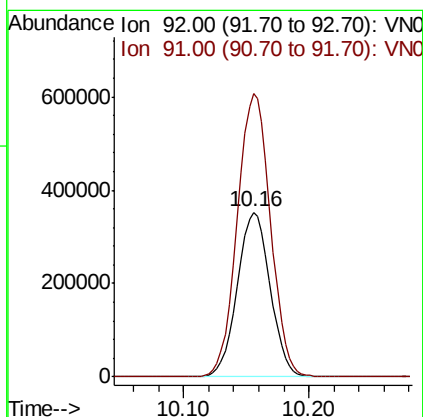
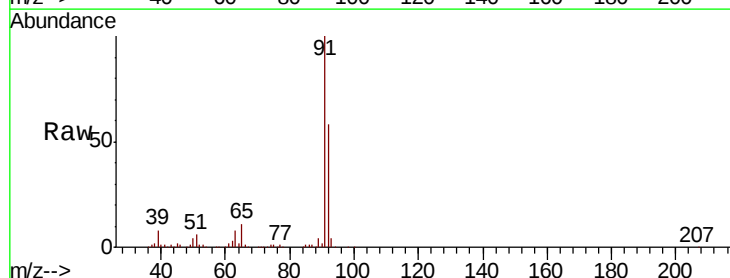
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1218WBS01

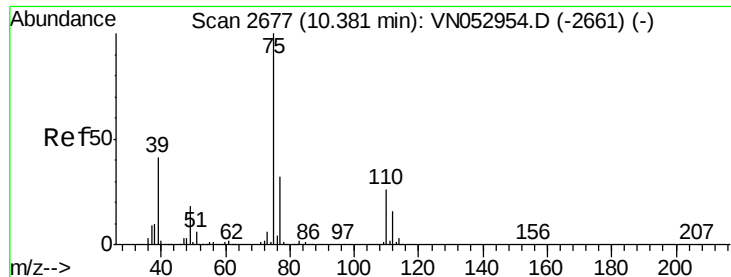
Tot Ion: 43 Resp: 1027708  
 Ion Ratio Lower Upper  
 43 100  
 58 40.7 32.2 48.4



#52  
 Toluene  
 Concen: 19.943 ug/l  
 RT: 10.16 min Scan# 2607  
 Delta R.T. -0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

Tgt Ion: 92 Resp: 638507  
 Ion Ratio Lower Upper  
 92 100  
 91 174.9 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 18.843 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

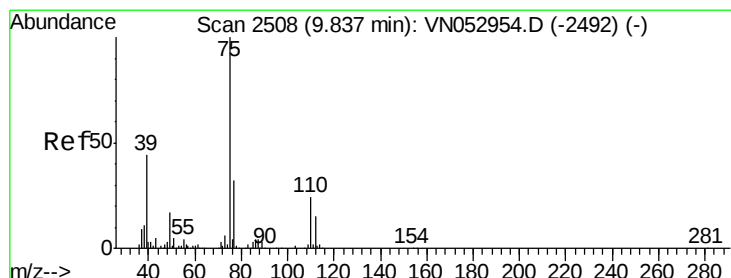
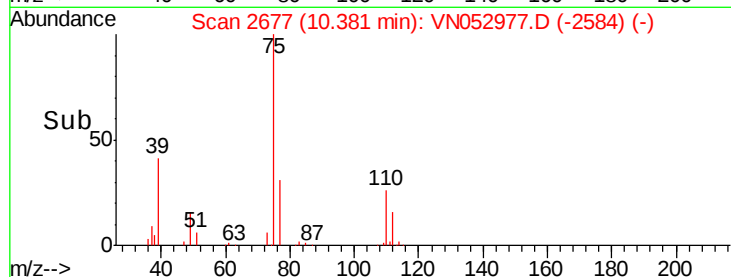
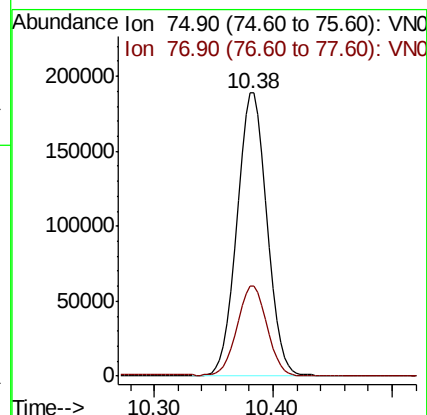
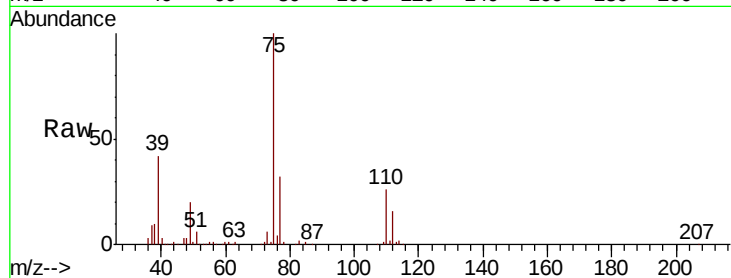
VN1218WBS01

Tot Ion: 75 Resp: 330116

Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 19.449 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

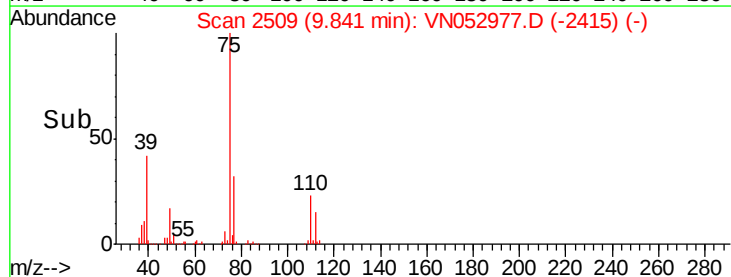
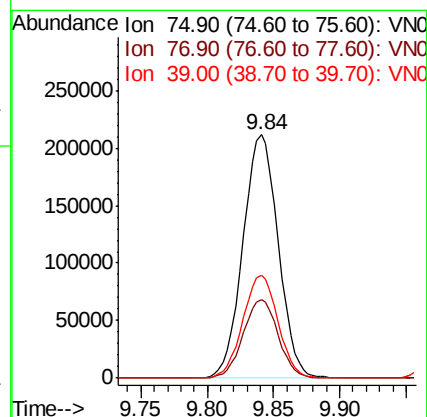
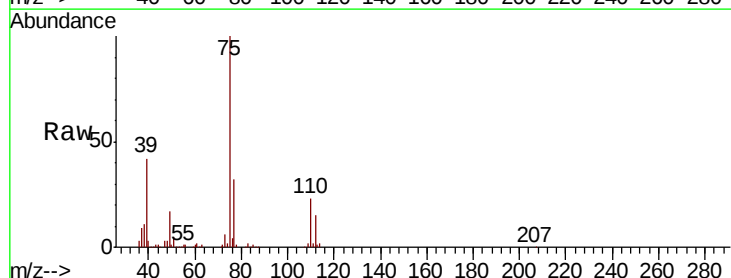
Tgt Ion: 75 Resp: 391109

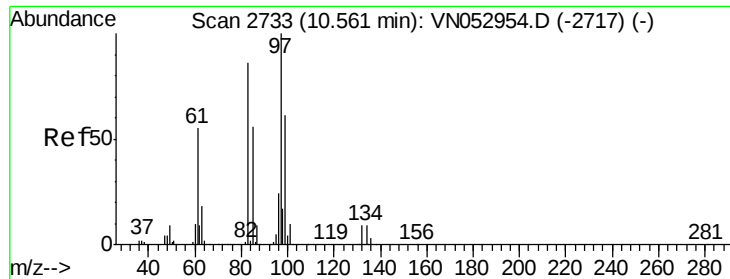
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8

39 42.2 34.8 52.2





#55

1,1,2-Trichloroethane

Concen: 20.428 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1218WBS01

Tot Ion: 97 Resp: 228173

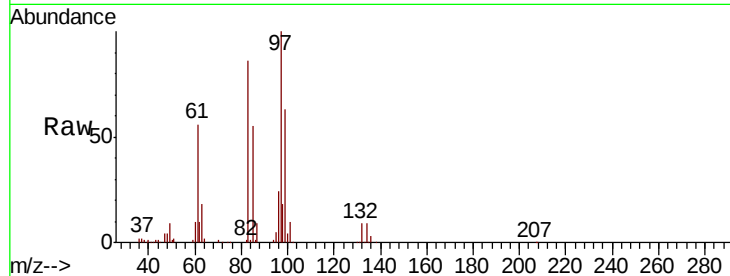
Ion Ratio Lower Upper

97 100

83 86.1 70.9 106.3

85 55.5 45.4 68.2

99 62.9 50.4 75.6

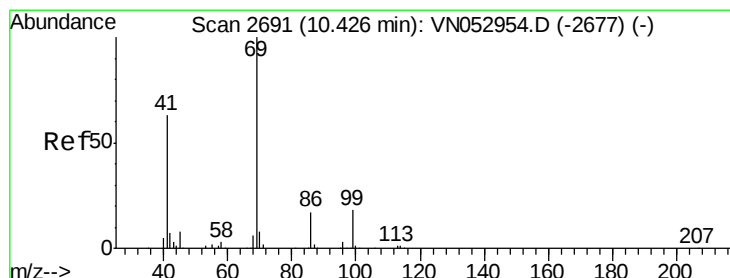
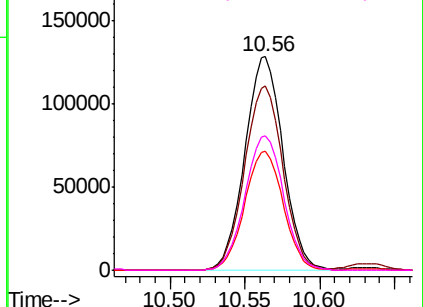
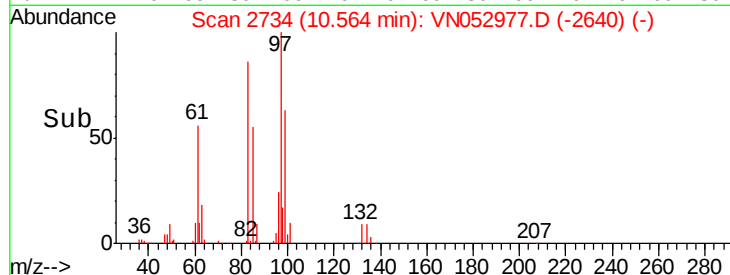


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 20.522 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

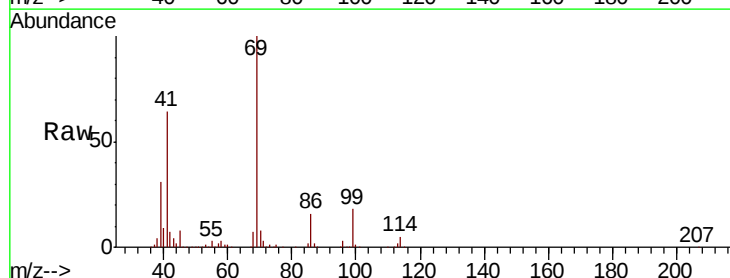
Tgt Ion: 69 Resp: 303406

Ion Ratio Lower Upper

69 100

41 63.6 51.7 77.5

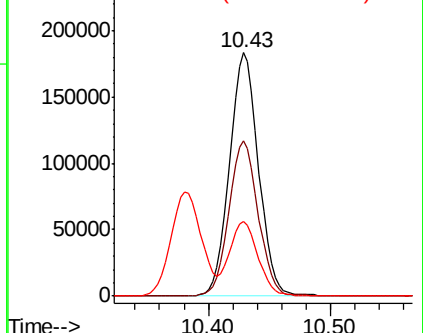
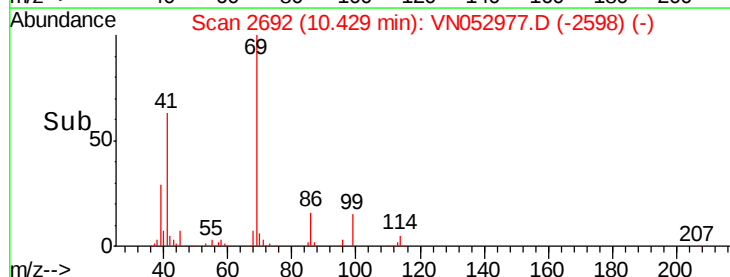
39 30.5 24.6 37.0

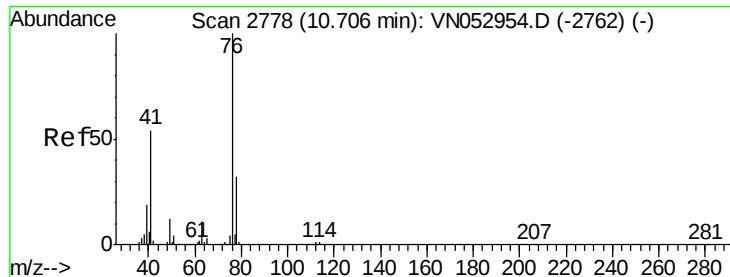


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.560 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

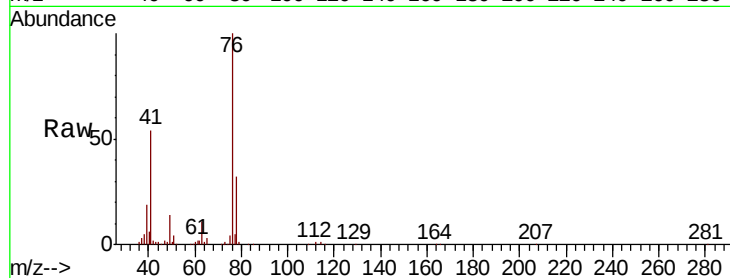
VN1218WBS01

Tot Ion: 76 Resp: 393811

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN052977.D (-2685) (-)

Ion 77.90 (77.60 to 78.60): VN052977.D (-2685) (-)

10.71

250000

200000

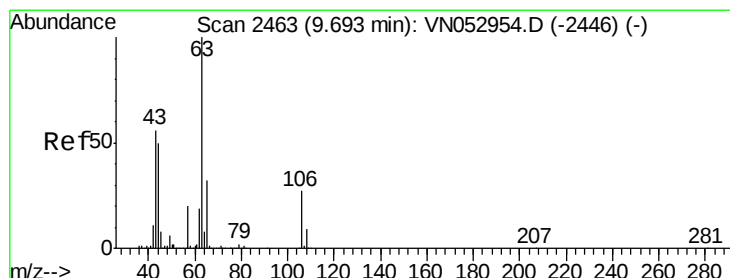
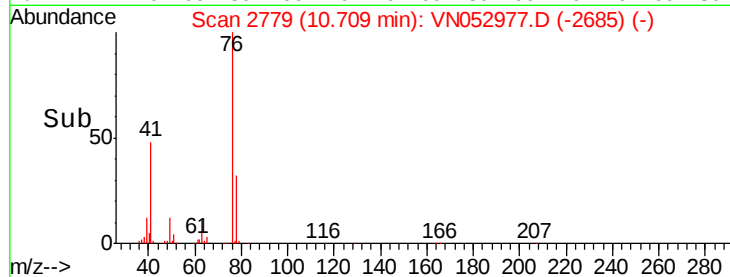
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 104.900 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN052977.D

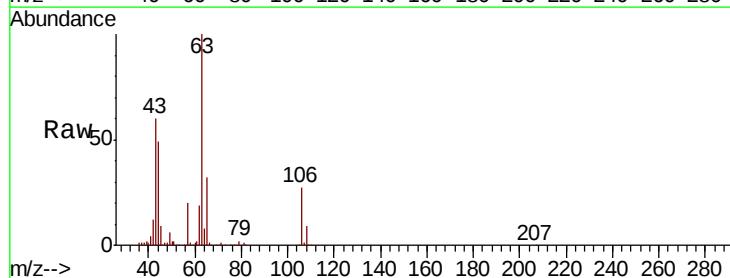
Acq: 18 Dec 2018 23:18

Tgt Ion: 63 Resp: 851428

Ion Ratio Lower Upper

63 100

106 27.4 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VN052977.D (-2370) (-)

Ion 105.90 (105.60 to 106.60): VN052977.D (-2370) (-)

9.70

500000

400000

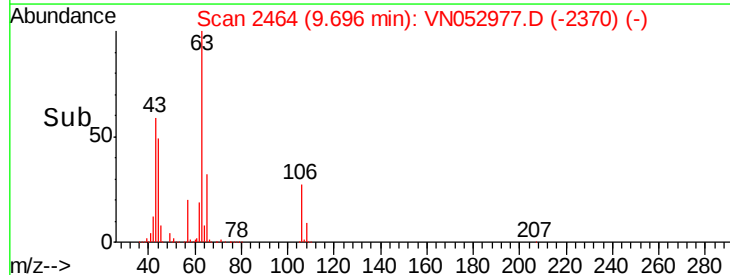
300000

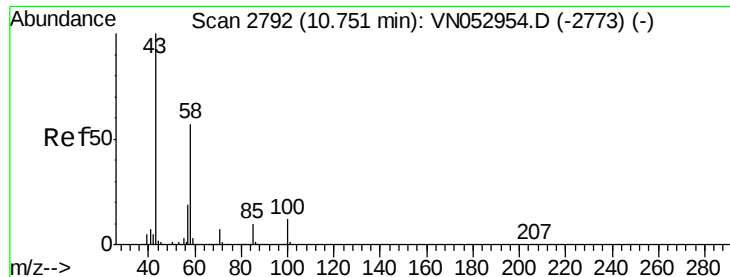
200000

100000

0

Time--> 9.60 9.70 9.80

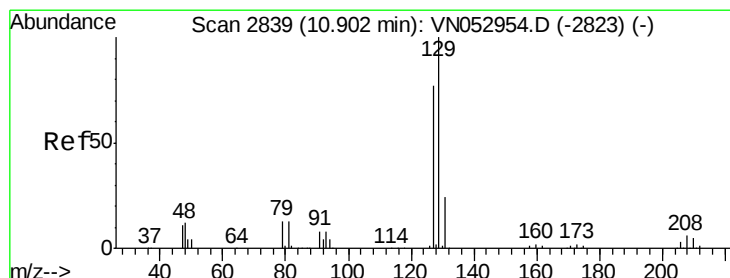
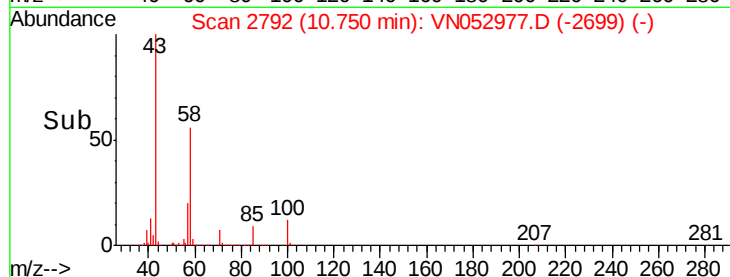
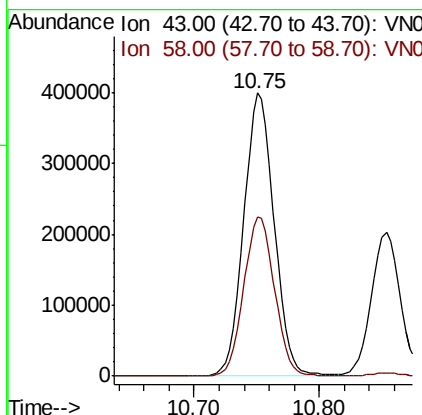
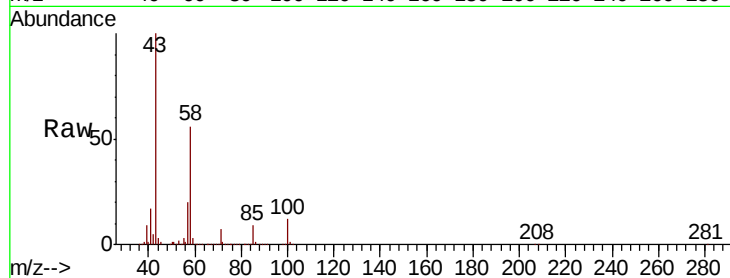




#59  
2-Hexanone  
Concen: 105.410 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. -0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

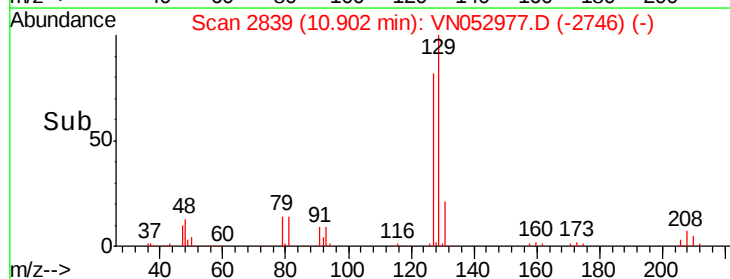
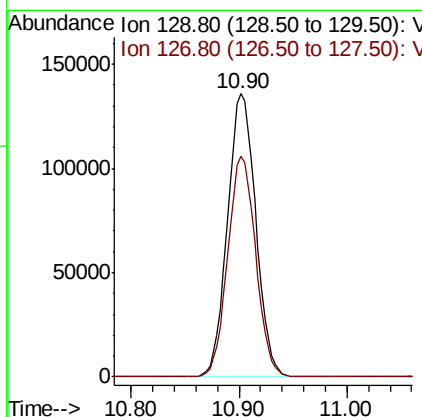
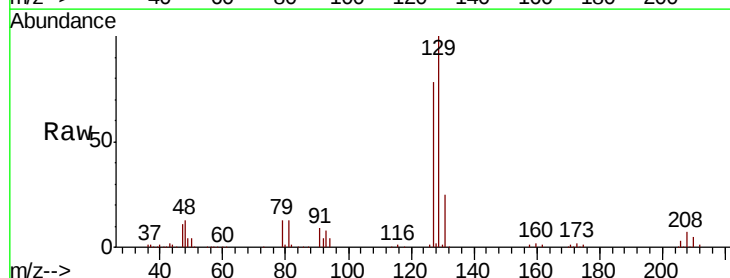
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1218WBS01

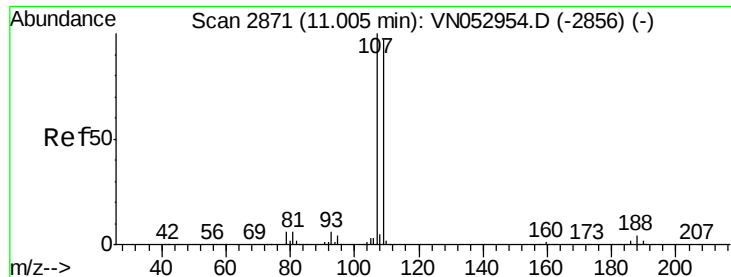
Tot Ion: 43 Resp: 669572  
Ion Ratio Lower Upper  
43 100  
58 57.4 28.1 84.3



#60  
Dibromochloromethane  
Concen: 19.454 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. -0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

Tgt Ion: 129 Resp: 248741  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.951 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampled :

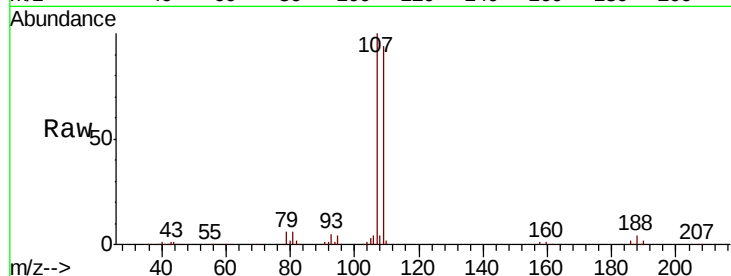
VN1218WBS01

Tot Ion:107 Resp: 226325

Ion Ratio Lower Upper

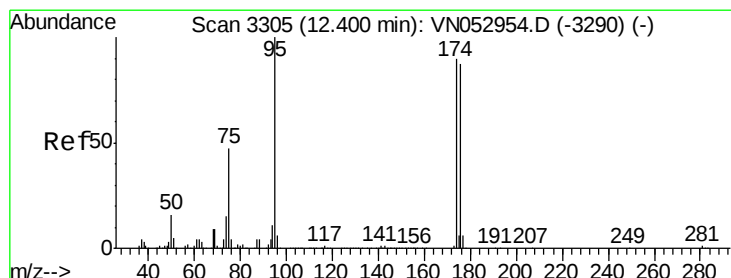
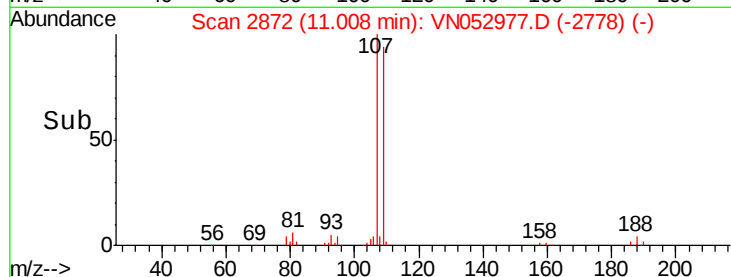
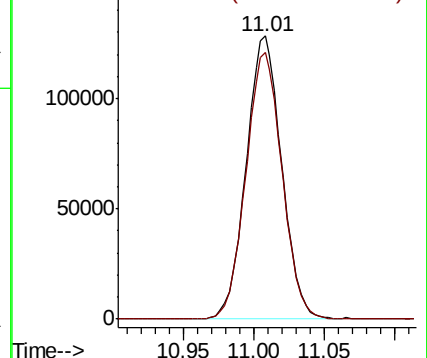
107 100

109 95.8 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 19.951 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

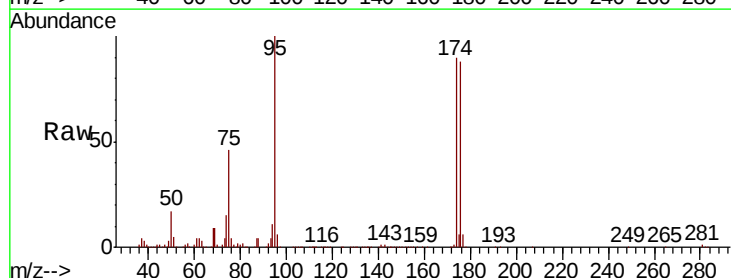
Tgt Ion: 95 Resp: 746975

Ion Ratio Lower Upper

95 100

174 89.7 0.0 178.8

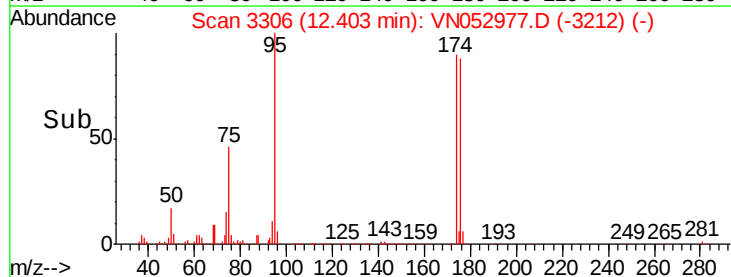
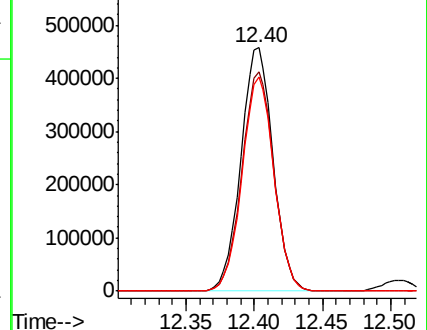
176 87.3 0.0 173.8

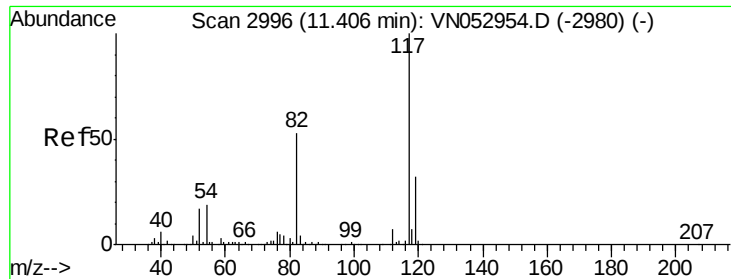


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

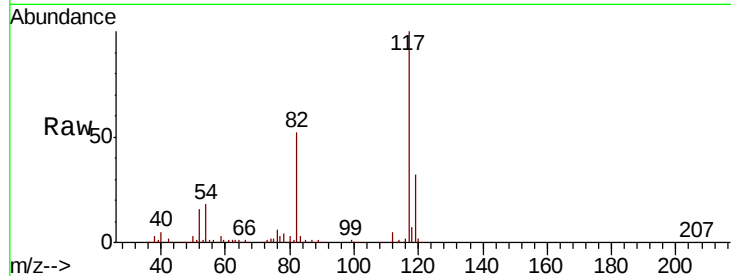




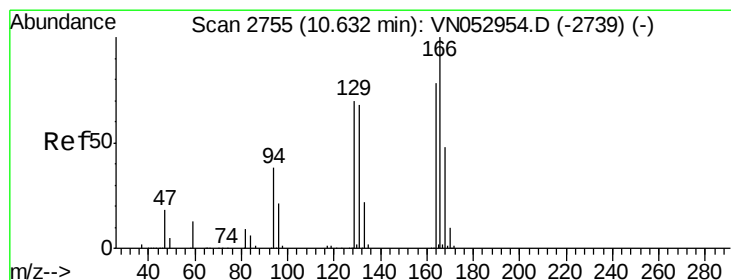
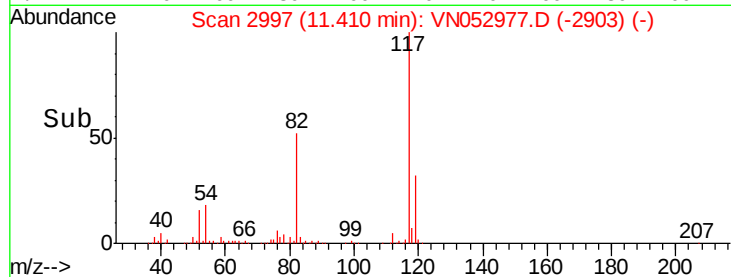
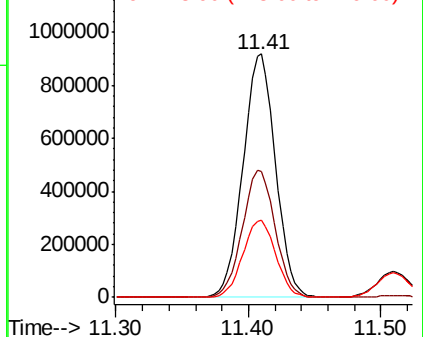
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2997  
Delta R.T. 0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1218WBS01

Tot Ion:117 Resp: 1560783  
Ion Ratio Lower Upper  
117 100  
82 51.9 42.8 64.2  
119 31.5 25.5 38.3

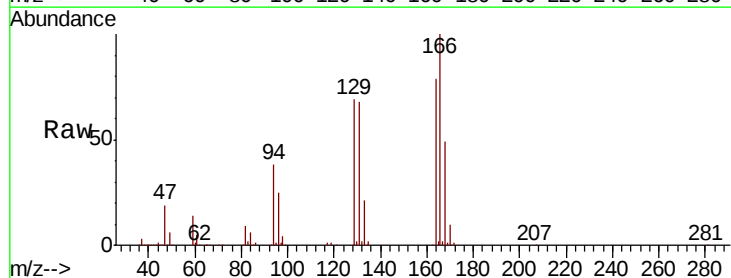


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

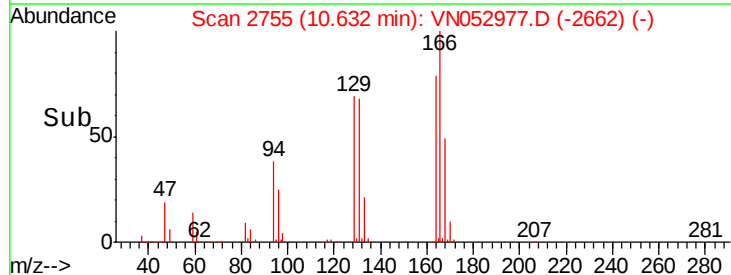
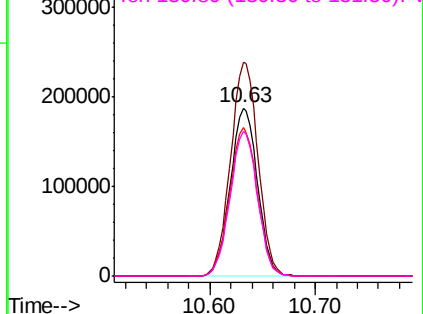


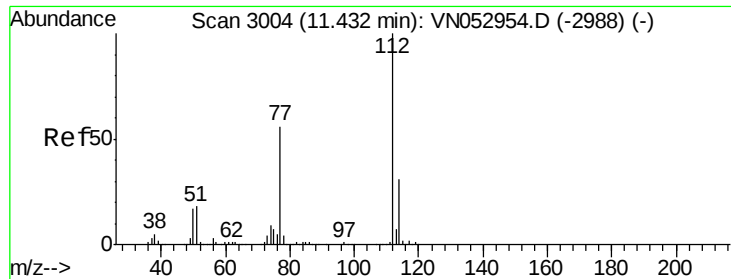
#64  
Tetrachloroethene  
Concen: 19.717 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. -0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

Tgt Ion:164 Resp: 333348  
Ion Ratio Lower Upper  
164 100  
166 127.2 102.9 154.3  
129 88.3 73.7 110.5  
131 86.2 70.7 106.1



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





#65

Chlorobenzene

Concen: 19.655 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

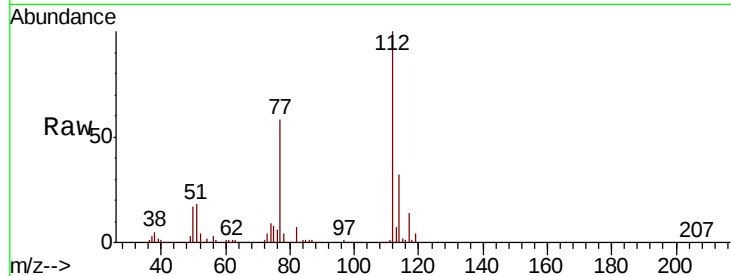
VN1218WBS01

Tot Ion:112 Resp: 680016

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.44

400000

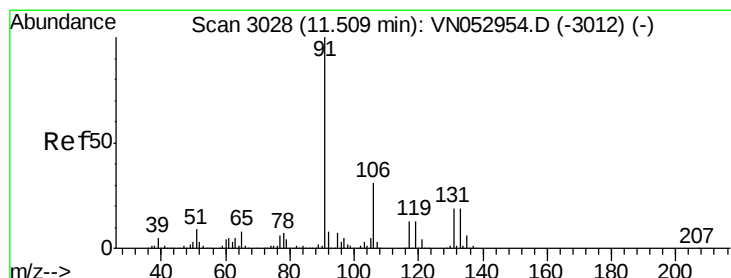
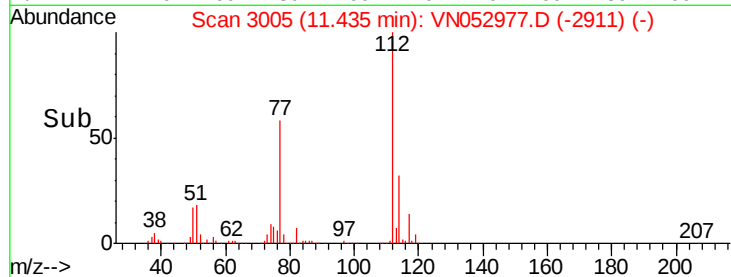
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.371 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

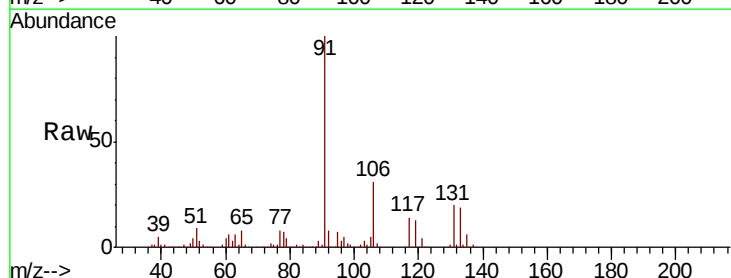
Tgt Ion:131 Resp: 245087

Ion Ratio Lower Upper

131 100

133 94.8 47.6 142.9

119 66.0 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

400000

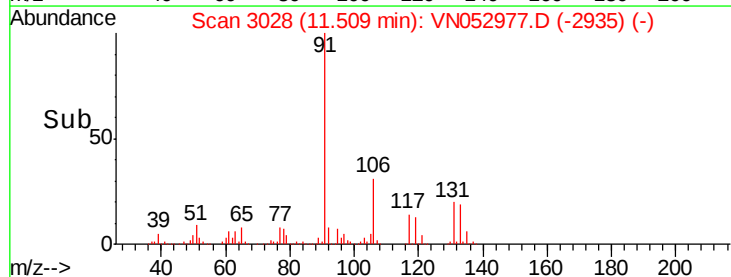
300000

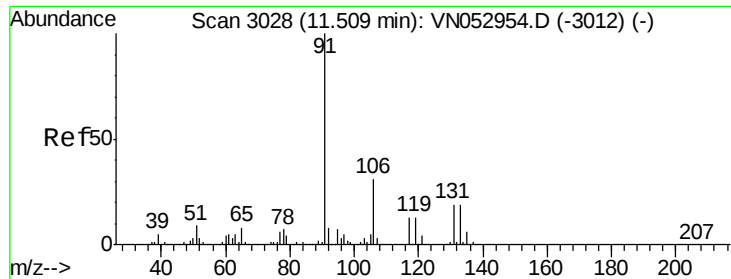
200000

100000

0

Time-->

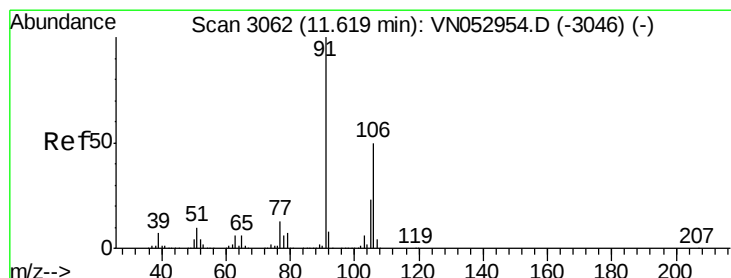
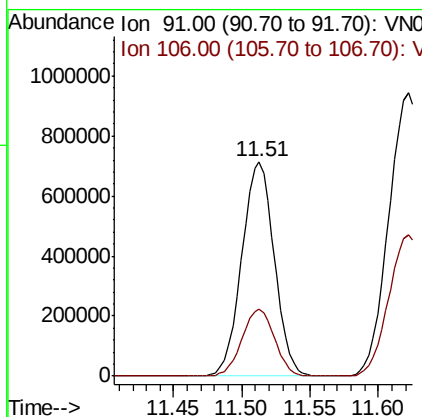
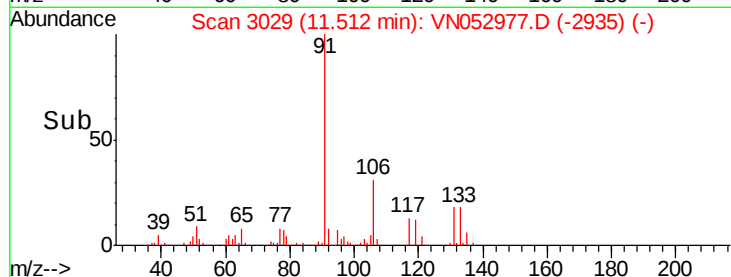
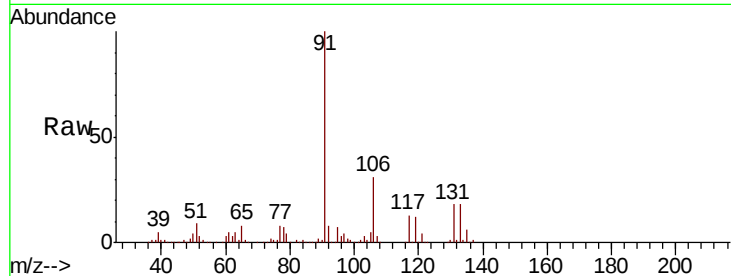




#67  
Ethyl Benzene  
Concen: 19.821 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

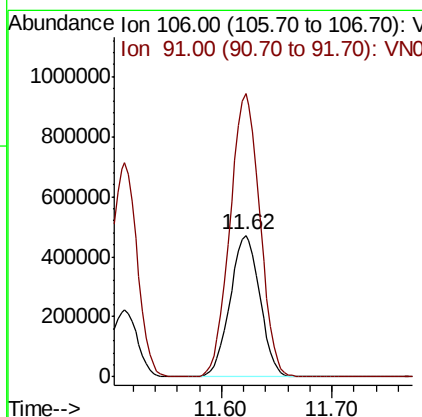
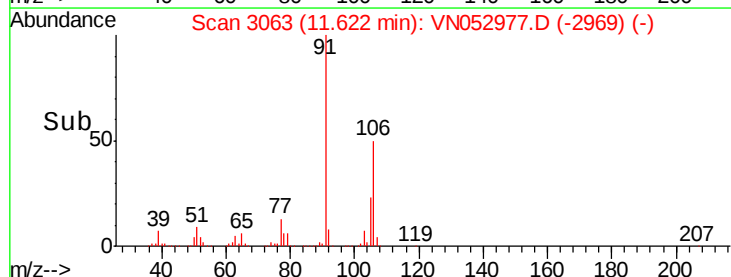
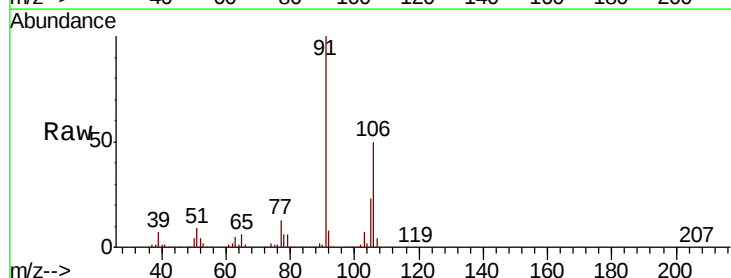
Instrument :  
MSVOA\_N  
ClientSampled :  
VN1218WBS01

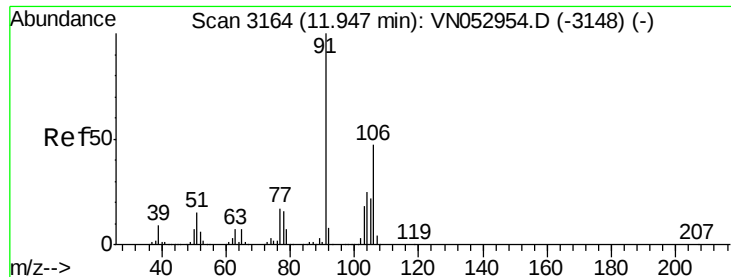
Tot Ion: 91 Resp: 1179366  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.9 37.3



#68  
m/p-Xylenes  
Concen: 39.041 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

Tgt Ion: 106 Resp: 883068  
Ion Ratio Lower Upper  
106 100  
91 201.0 162.2 243.4

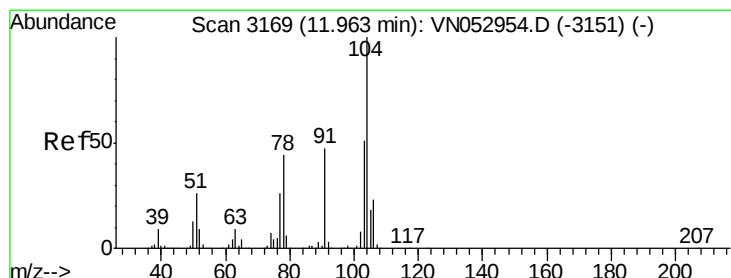
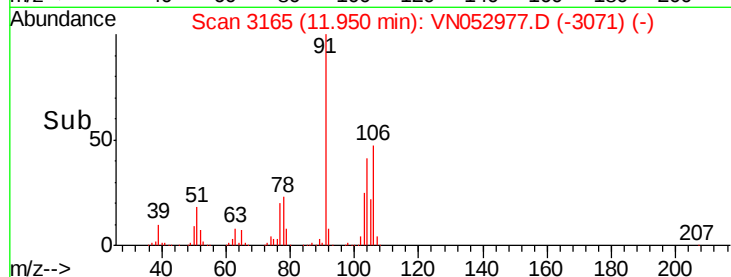
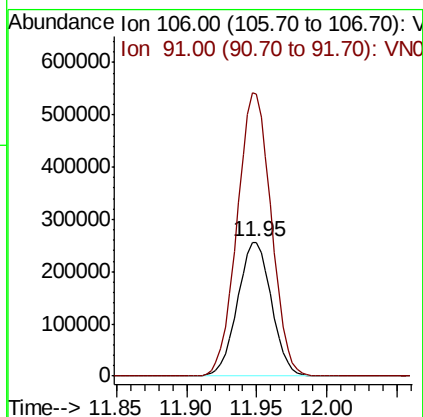
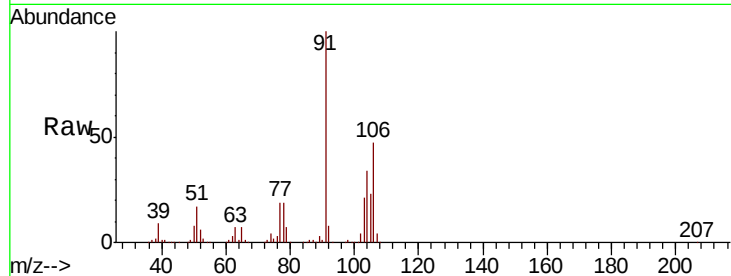




#69  
o-Xylene  
Concen: 19.984 ug/l  
RT: 11.95 min Scan# 3165  
Delta R.T. 0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

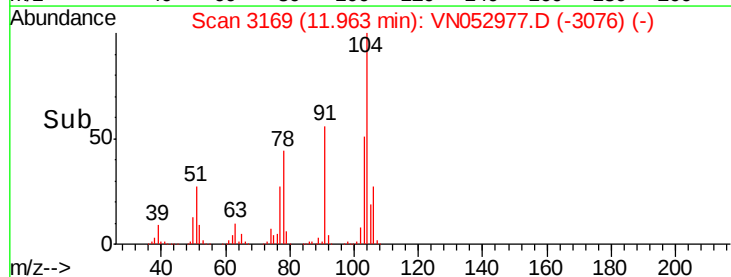
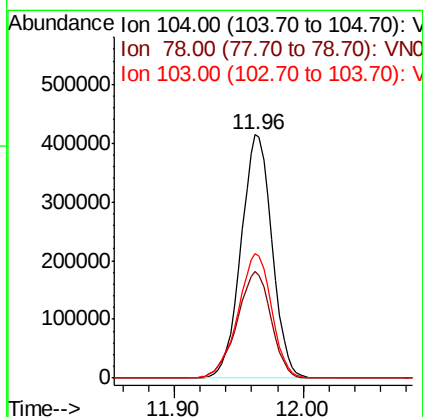
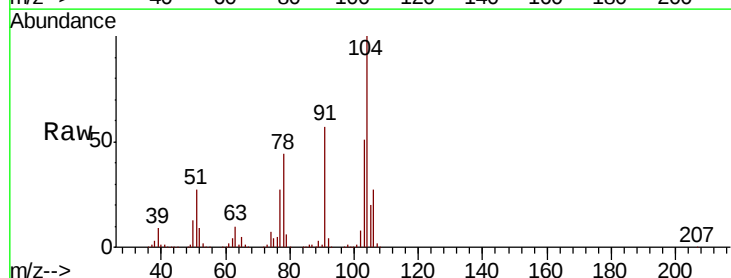
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1218WBS01

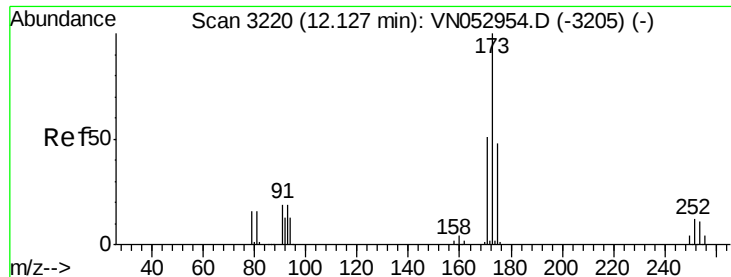
Tot Ion:106 Resp: 433748  
Ion Ratio Lower Upper  
106 100  
91 211.6 106.6 319.8



#70  
Styrene  
Concen: 19.589 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

Tgt Ion:104 Resp: 693300  
Ion Ratio Lower Upper  
104 100  
78 48.0 38.9 58.3  
103 55.5 44.3 66.5





#71

Bromoform

Concen: 18.841 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1218WBS01

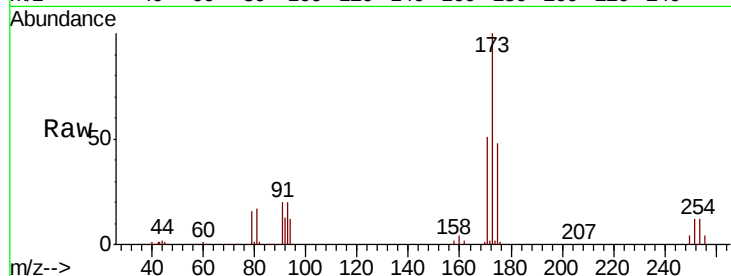
Tot Ion:173 Resp: 163757

Ion Ratio Lower Upper

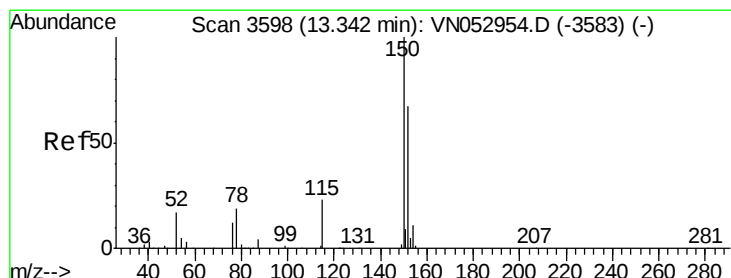
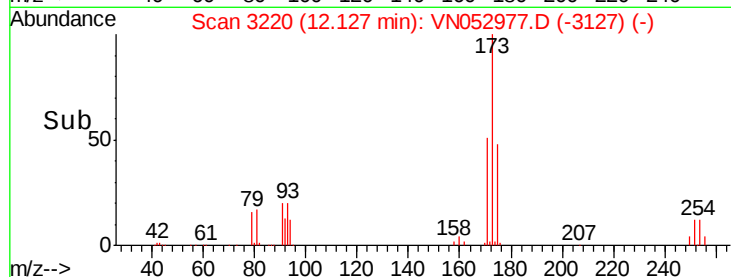
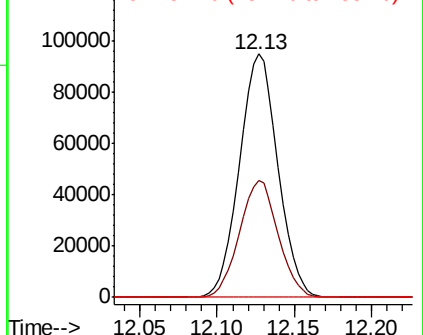
173 100

175 48.3 24.3 72.9

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

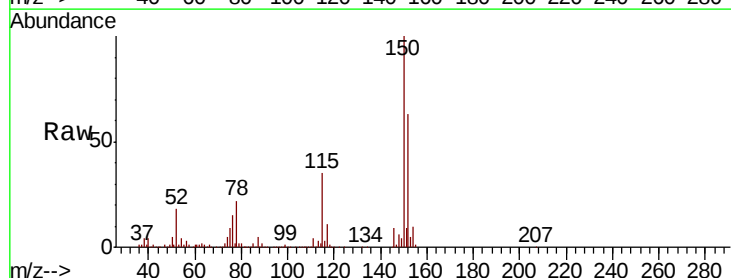
Tgt Ion:152 Resp: 656519

Ion Ratio Lower Upper

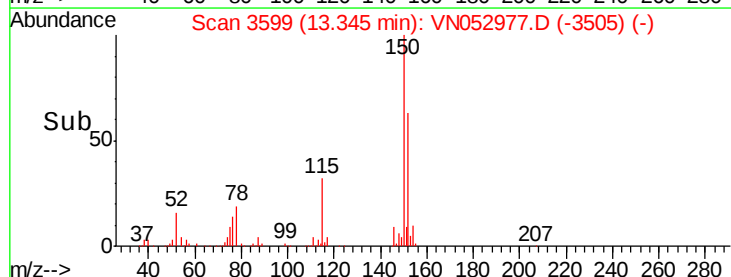
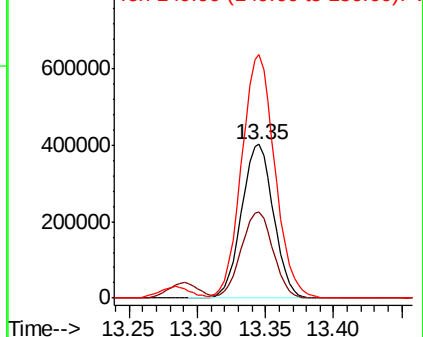
152 100

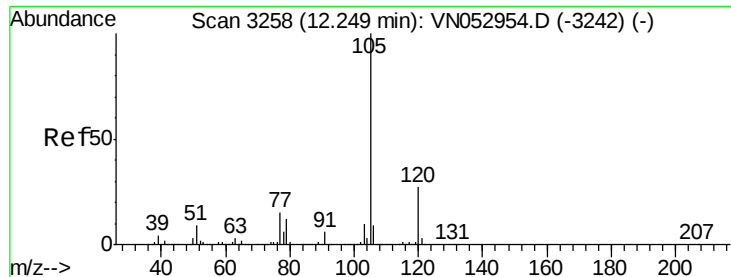
115 55.9 28.3 85.0

150 164.1 0.0 347.8



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: 22.119 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

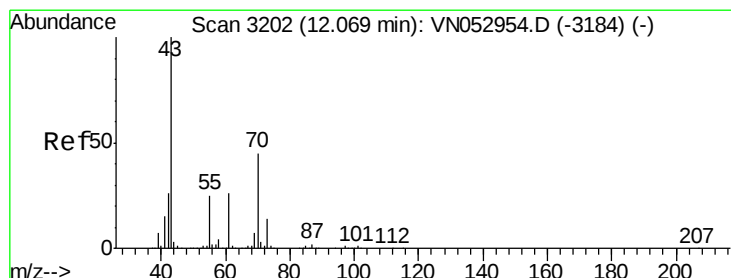
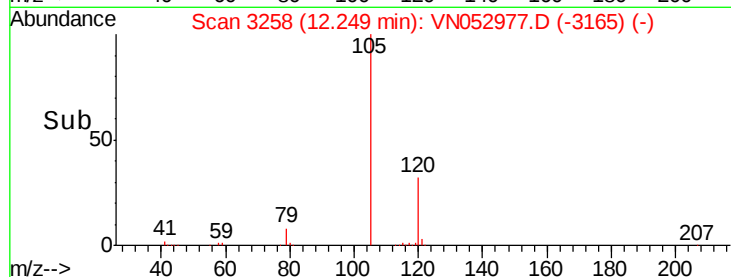
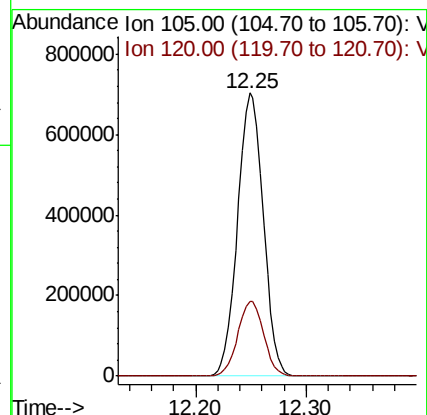
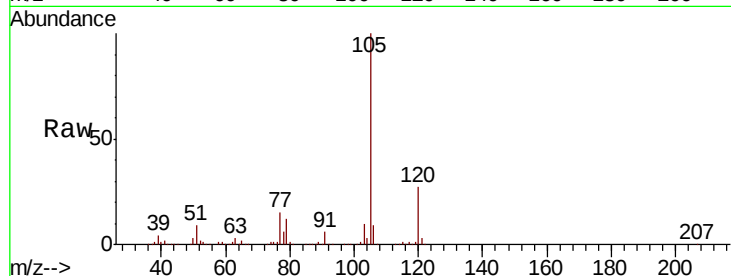
VN1218WBS01

Tot Ion:105 Resp: 1136196

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 22.899 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Tgt Ion: 43 Resp: 326571

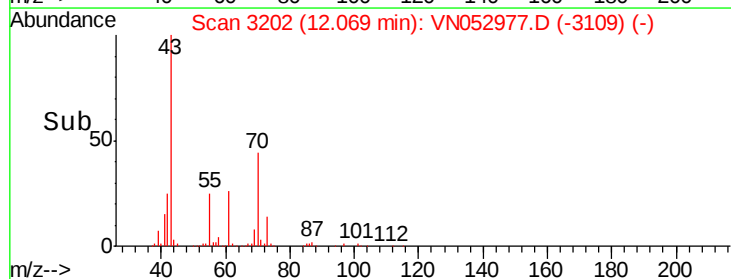
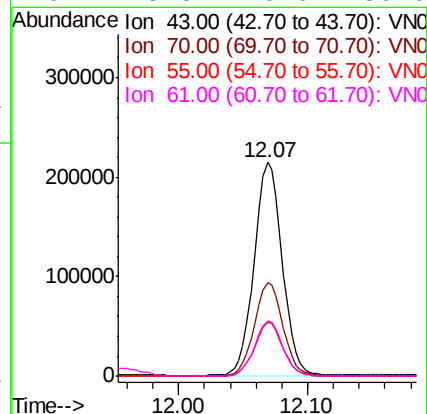
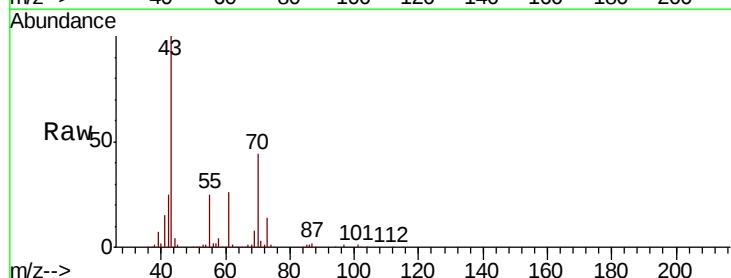
Ion Ratio Lower Upper

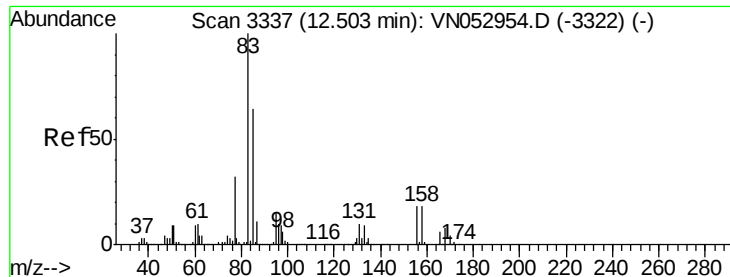
43 100

70 44.9 34.2 51.4

55 25.1 20.3 30.5

61 25.8 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.267 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1218WBS01

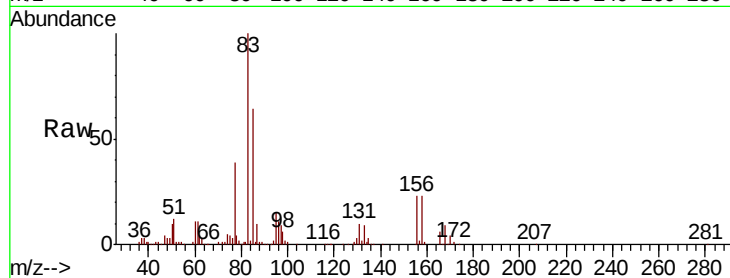
Tot Ion: 83 Resp: 234466

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

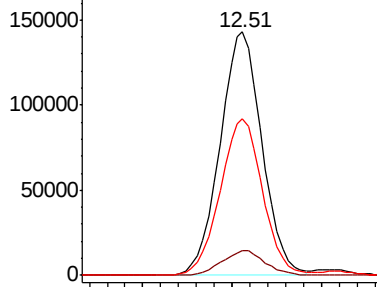
85 65.1 32.4 97.0



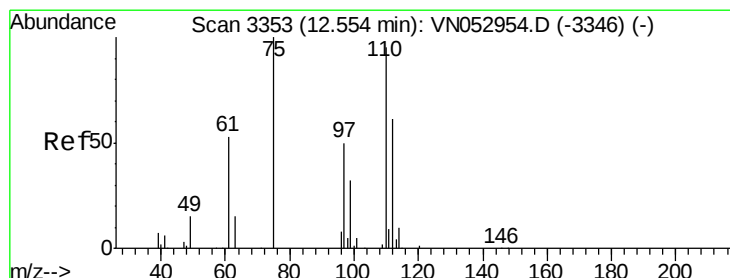
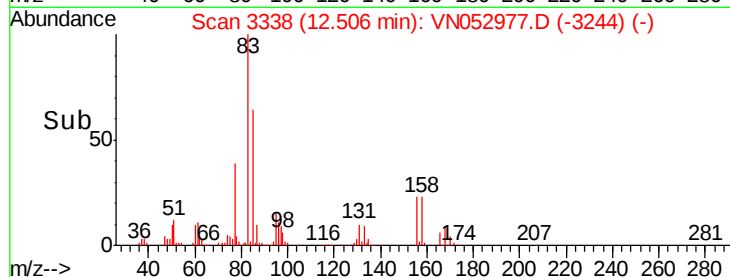
Abundance Ion 82.90 (82.60 to 83.60): VN052977.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN052977.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN052977.D (-3244) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 29.075 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052977.D

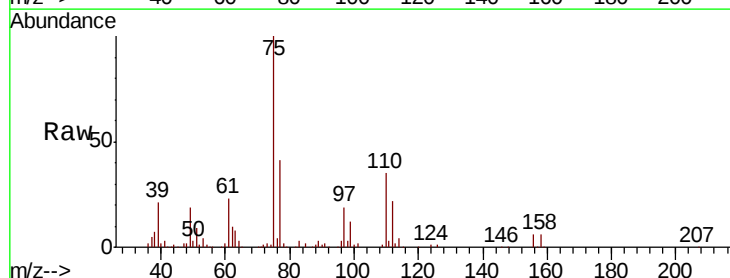
Acq: 18 Dec 2018 23:18

Tgt Ion: 75 Resp: 321328

Ion Ratio Lower Upper

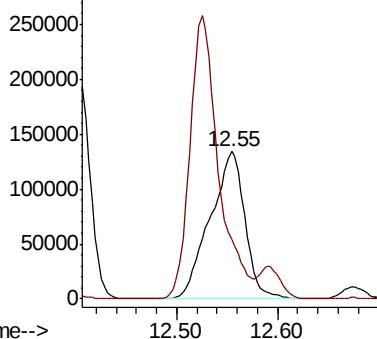
75 100

77 0.0 0.0 0.0

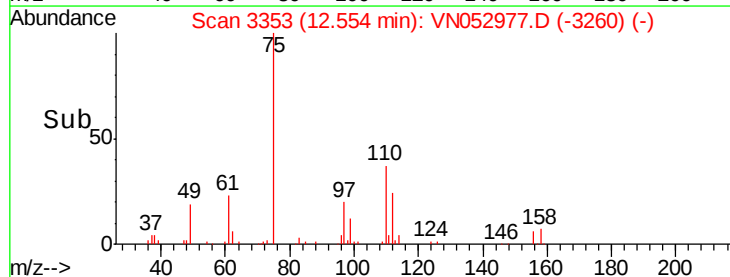


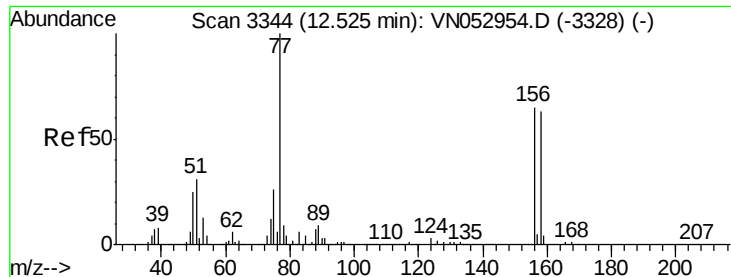
Abundance Ion 74.90 (74.60 to 75.60): VN052977.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN052977.D (-3260) (-)



Time-->





#77

Bromobenzene

Concen: 21.332 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1218WBS01

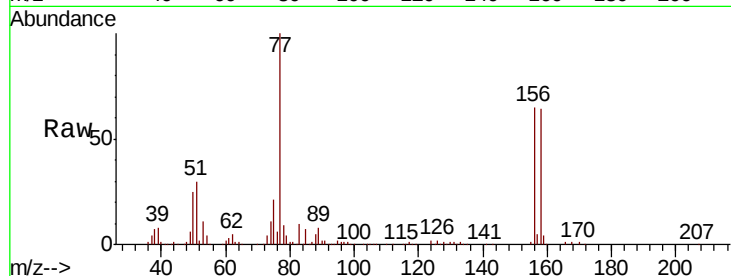
Tot Ion:156 Resp: 284833

Ion Ratio Lower Upper

156 100

77 179.7 91.3 273.8

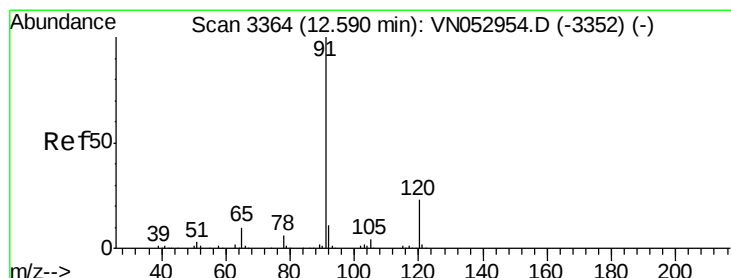
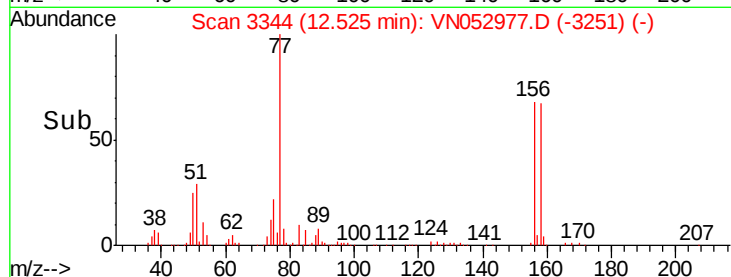
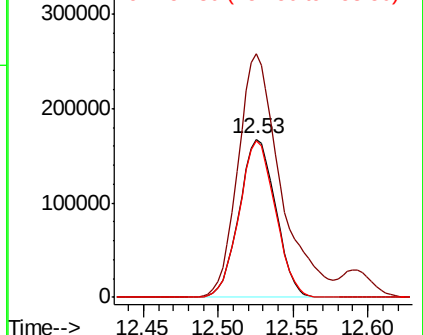
158 98.2 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.202 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052977.D

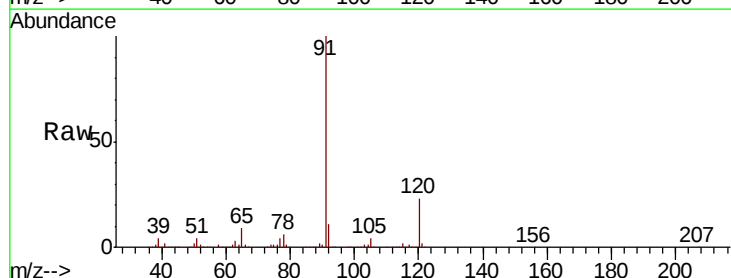
Acq: 18 Dec 2018 23:18

Tgt Ion: 91 Resp: 1240342

Ion Ratio Lower Upper

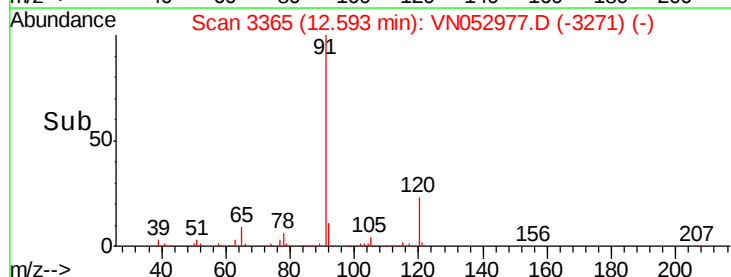
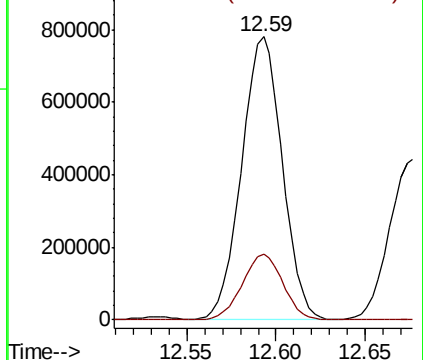
91 100

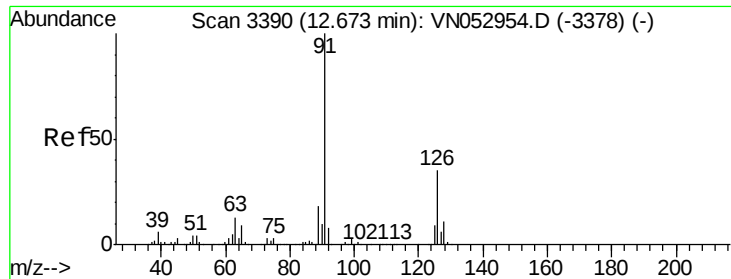
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.305 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

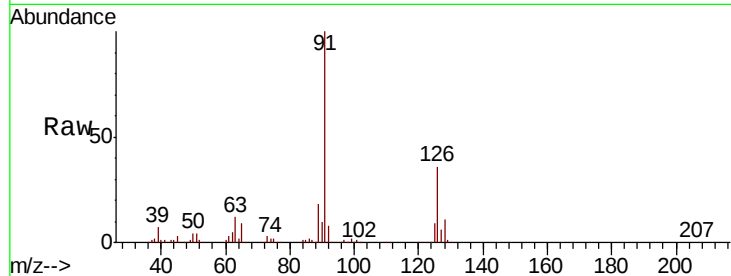
VN1218WBS01

Tot Ion: 91 Resp: 736325

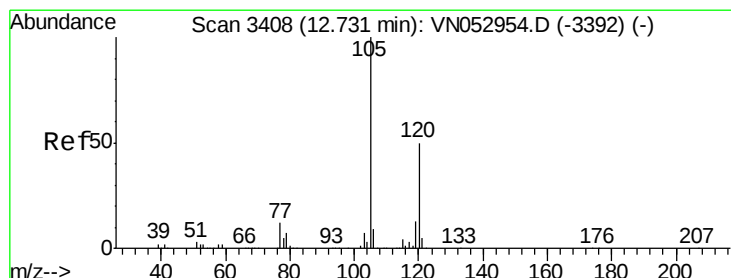
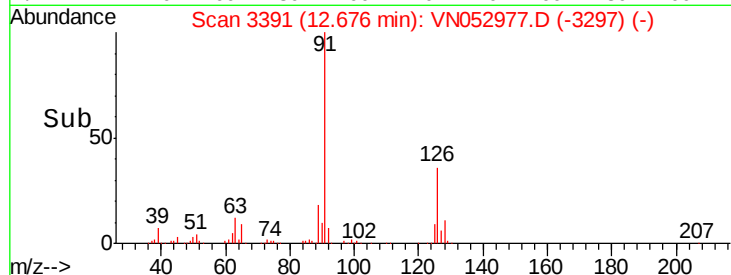
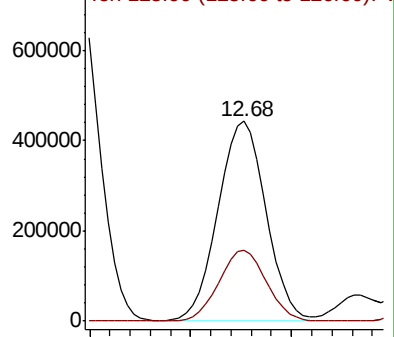
Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VN052977.D (-3391) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.835 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052977.D

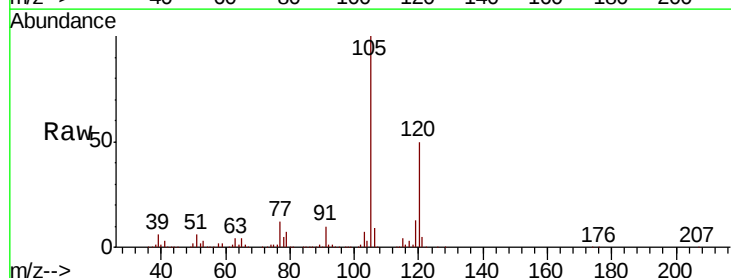
Acq: 18 Dec 2018 23:18

Tgt Ion: 105 Resp: 872340

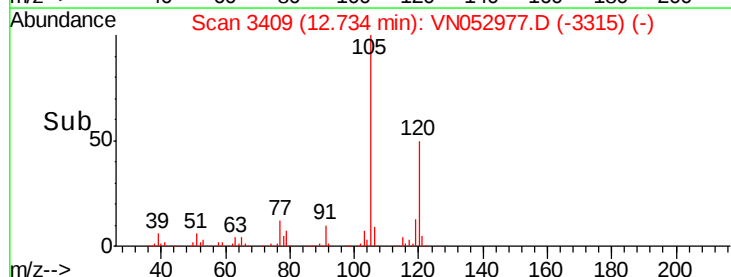
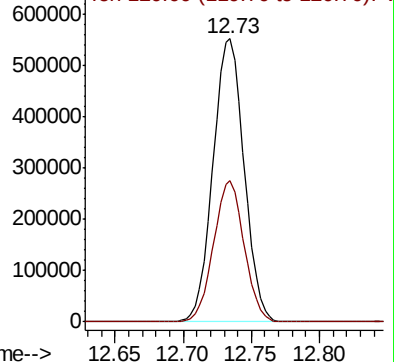
Ion Ratio Lower Upper

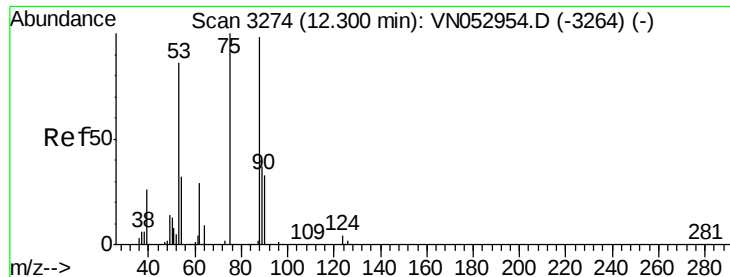
105 100

120 49.0 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN052977.D (-3408) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.739 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1218WBS01

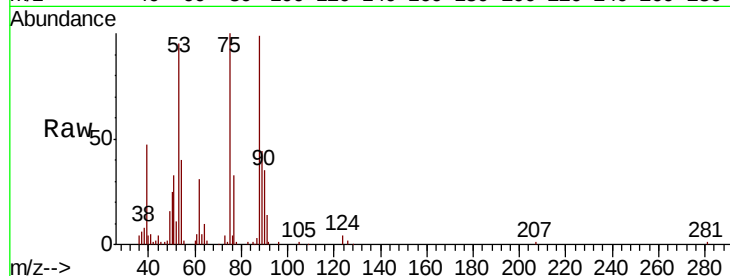
Tot Ion: 75 Resp: 67682

Ion Ratio Lower Upper

75 100

53 91.9 74.7 112.1

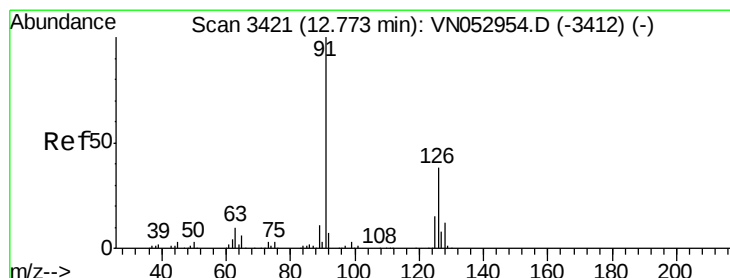
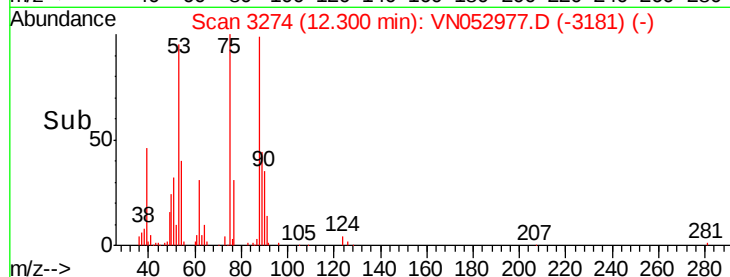
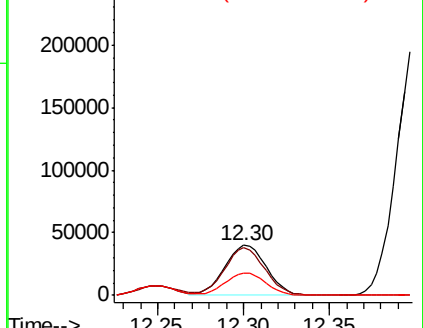
89 44.0 36.1 54.1



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: 20.701 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052977.D

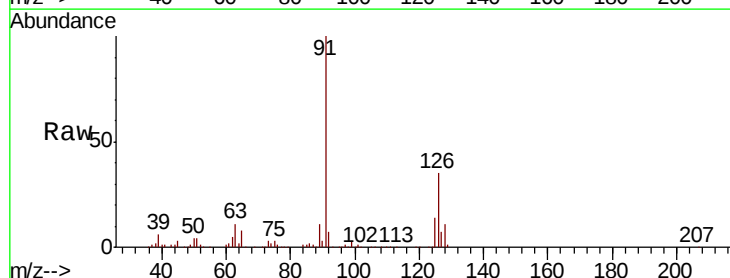
Acq: 18 Dec 2018 23:18

Tgt Ion: 91 Resp: 734833

Ion Ratio Lower Upper

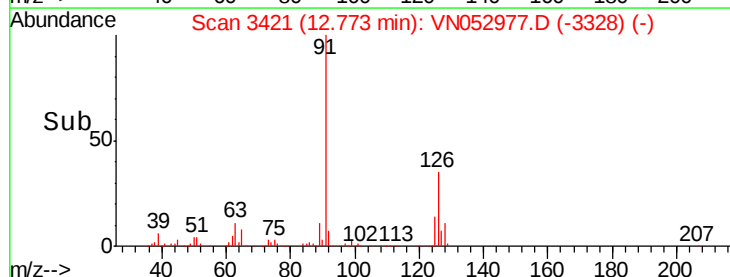
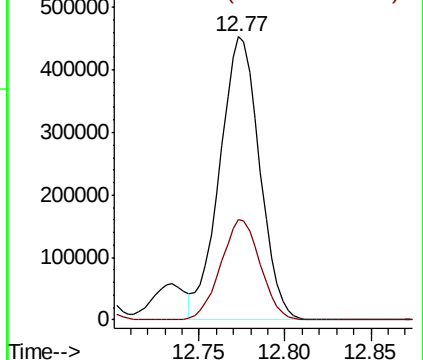
91 100

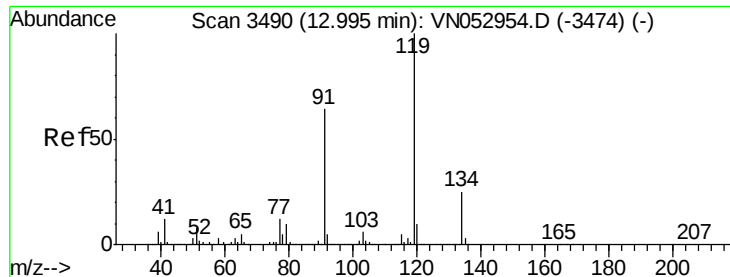
126 35.1 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

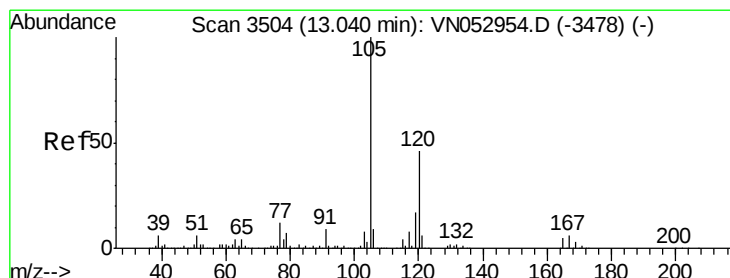
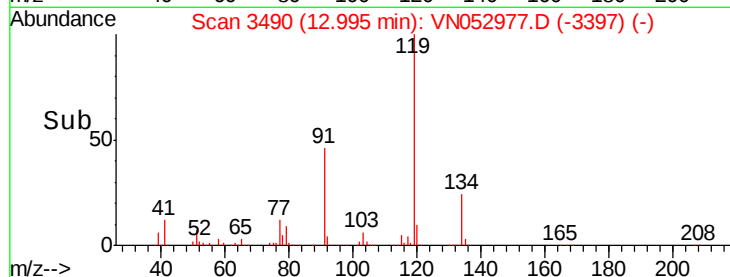
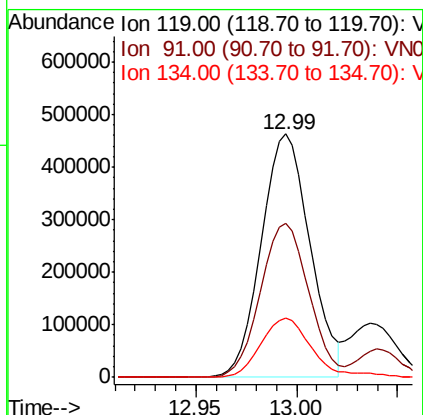
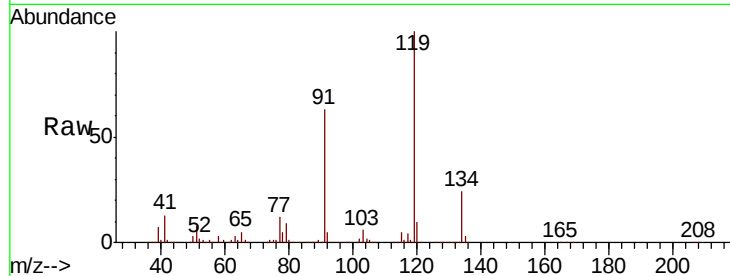




#83  
tert-Butylbenzene  
Concen: 21.004 ug/l  
RT: 12.99 min Scan# 3490  
Delta R.T. -0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

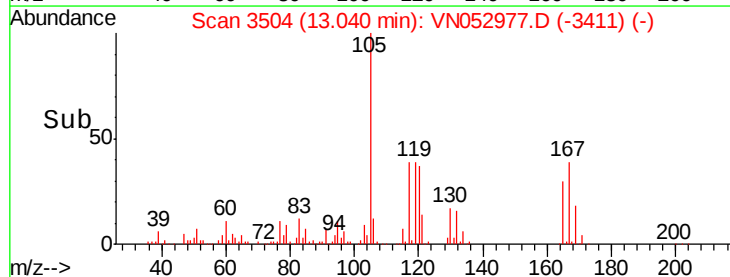
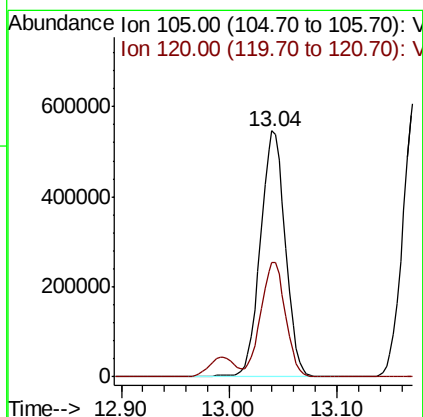
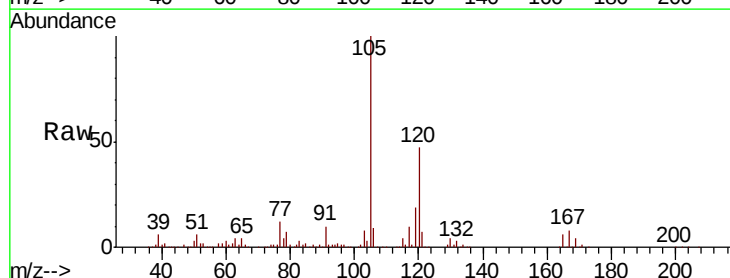
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1218WBS01

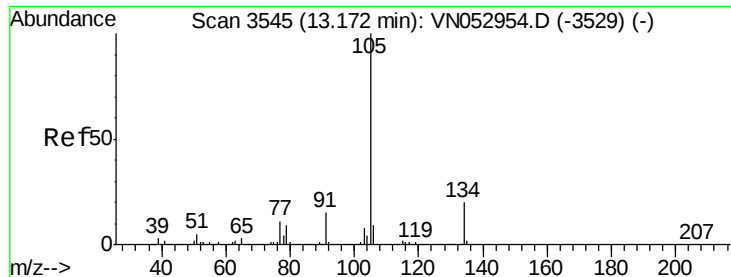
Tot Ion:119 Resp: 777763  
Ion Ratio Lower Upper  
119 100  
91 63.1 31.9 95.5  
134 25.6 12.8 38.4



#84  
1,2,4-Trimethylbenzene  
Concen: 20.731 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. -0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

Tgt Ion:105 Resp: 872564  
Ion Ratio Lower Upper  
105 100  
120 46.6 22.9 68.8

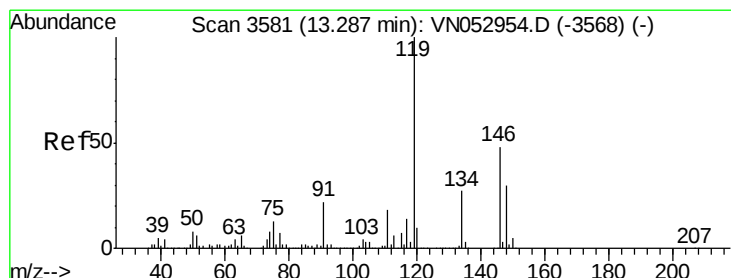
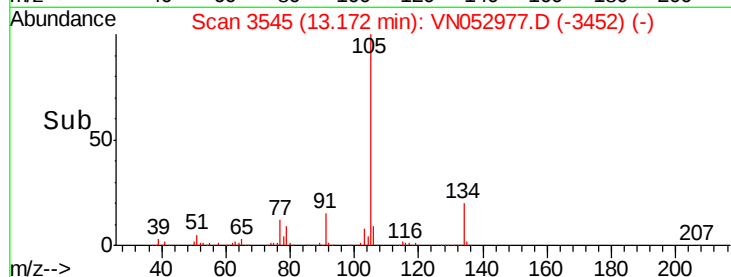
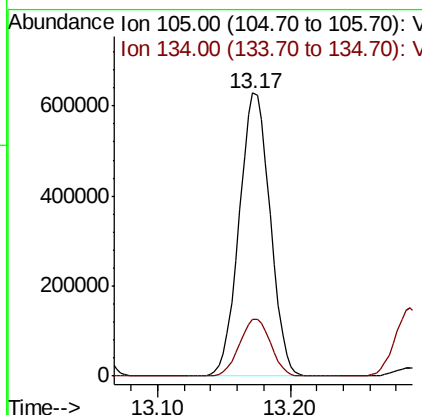
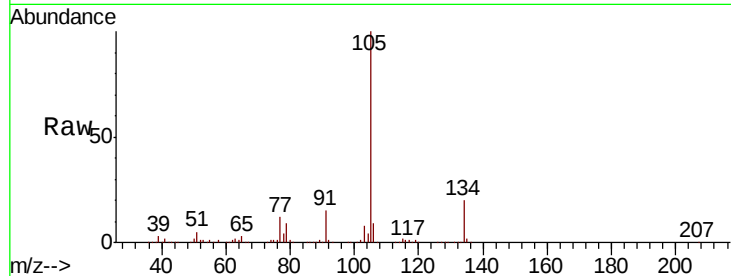




#85  
 sec-Butylbenzene  
 Concen: 20.340 ug/l  
 RT: 13.17 min Scan# 3545  
 Delta R.T. -0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

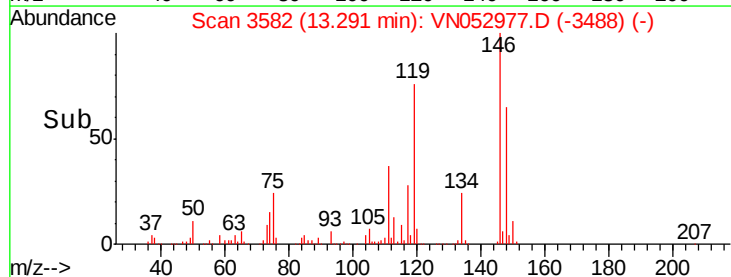
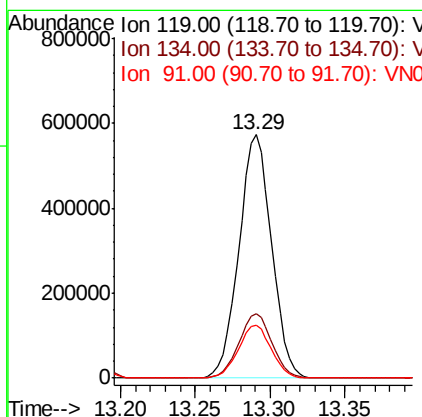
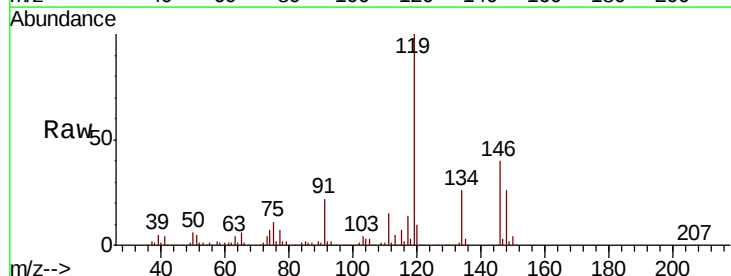
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1218WBS01

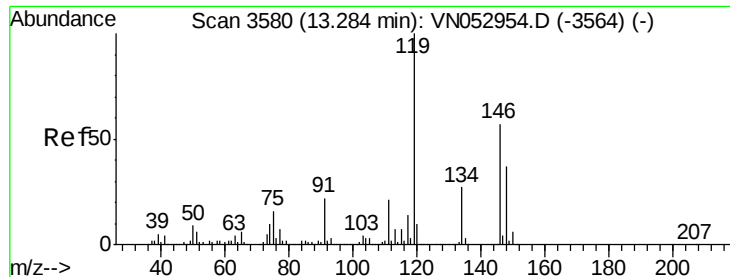
Tot Ion:105 Resp: 1018710  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.1 30.3



#86  
 p-Isopropyltoluene  
 Concen: 20.042 ug/l  
 RT: 13.29 min Scan# 3582  
 Delta R.T. 0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

Tgt Ion:119 Resp: 867355  
 Ion Ratio Lower Upper  
 119 100  
 134 26.8 13.4 40.2  
 91 22.0 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 19.606 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

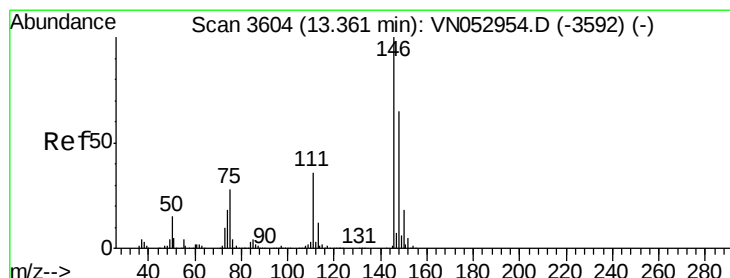
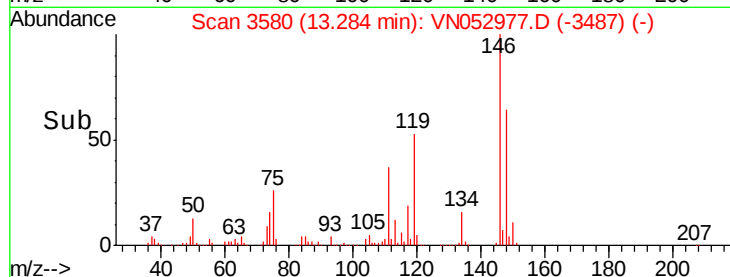
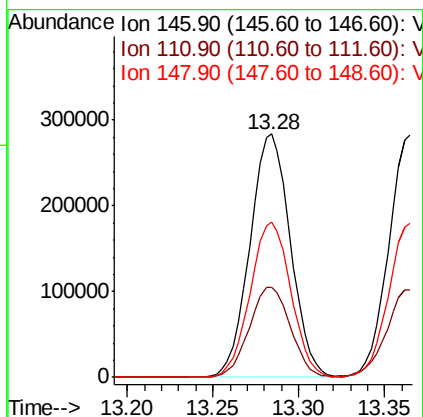
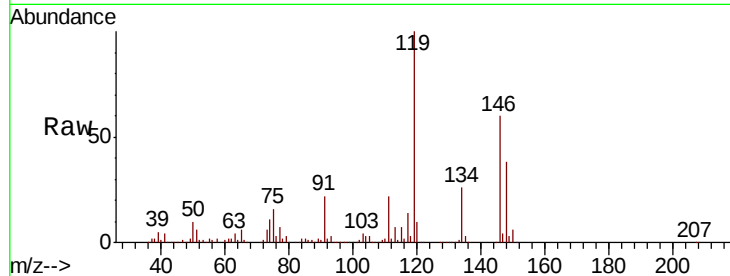
Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1218WBS01

Tot Ion:146 Resp: 463324

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 37.6  | 19.1  | 57.1  |
| 148 | 64.1  | 32.0  | 96.0  |



#88

1,4-Dichlorobenzene

Concen: 19.103 ug/l

RT: 13.36 min Scan# 3605

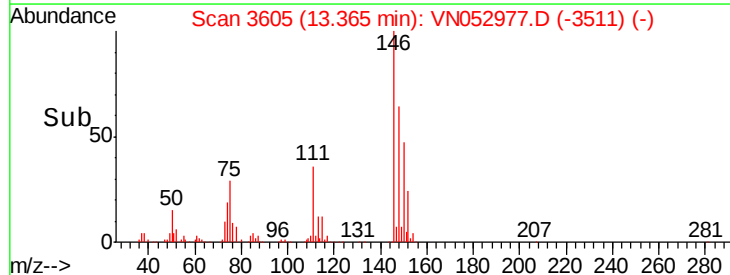
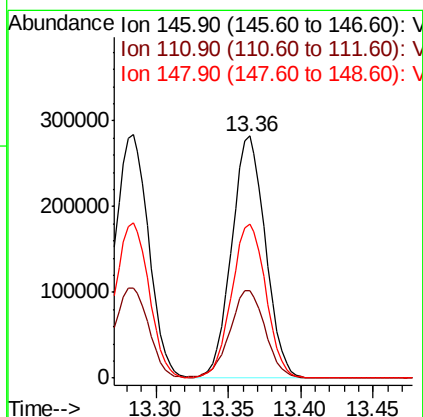
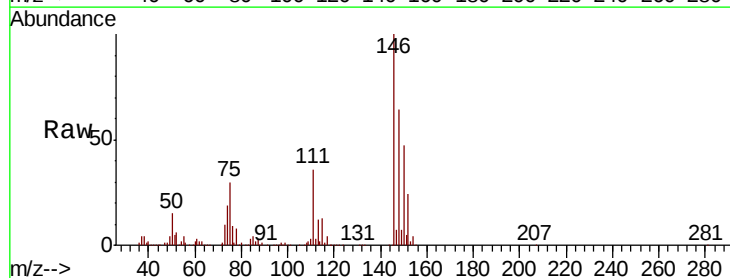
Delta R.T. 0.00 min

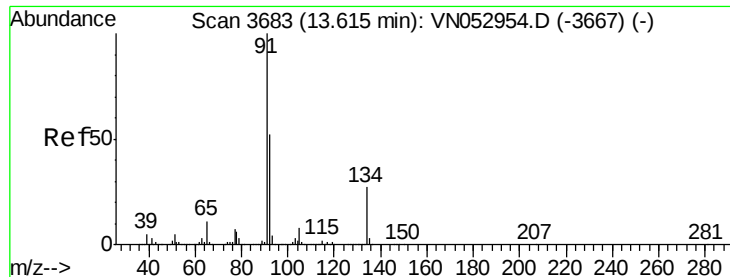
Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Tgt Ion:146 Resp: 457181

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 38.2  | 18.6  | 55.8  |
| 148 | 64.4  | 32.1  | 96.5  |





#89

n-Butylbenzene

Concen: 18.255 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052977.D

Acq: 18 Dec 2018 23:18

Instrument :

MSVOA\_N

ClientSampleId :

VN1218WBS01

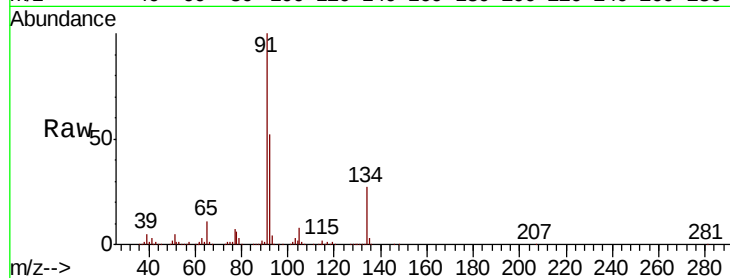
Tot Ion: 91 Resp: 679678

Ion Ratio Lower Upper

91 100

92 52.3 26.3 78.9

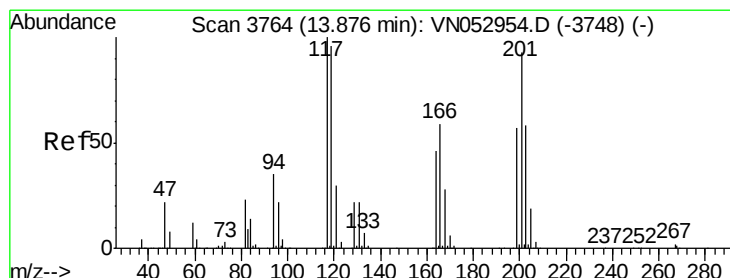
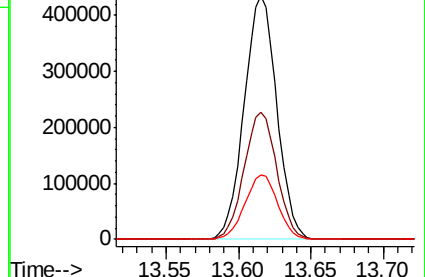
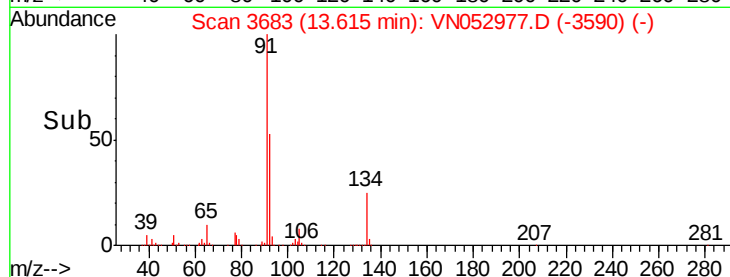
134 26.6 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VN052977.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052977.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052977.D (-3667) (-)



#90

Hexachloroethane

Concen: 18.962 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN052977.D

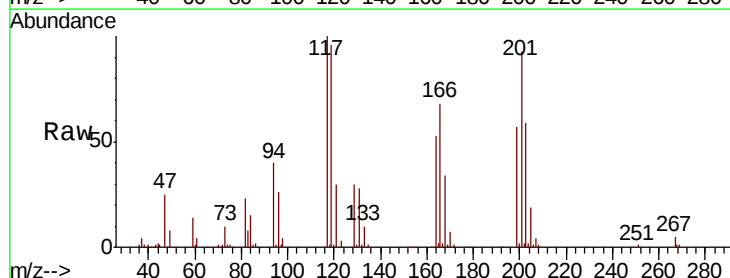
Acq: 18 Dec 2018 23:18

Tgt Ion: 117 Resp: 125935

Ion Ratio Lower Upper

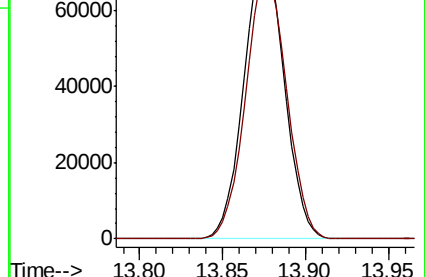
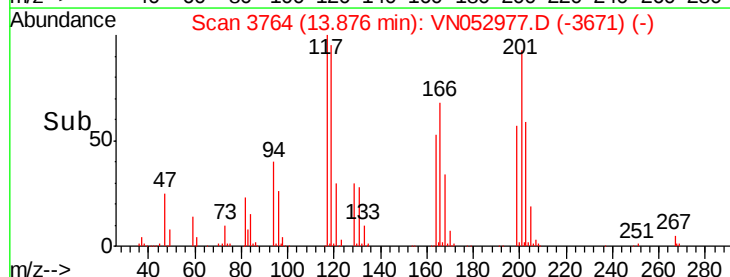
117 100

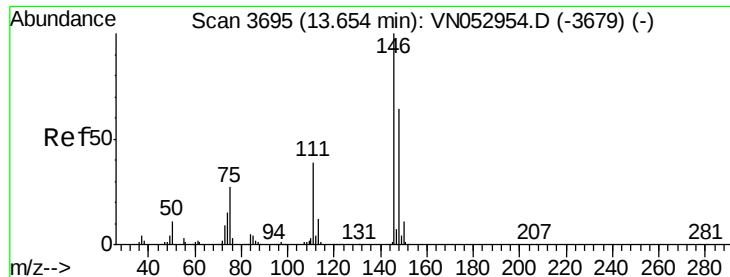
201 94.4 45.7 137.1



Abundance Ion 116.80 (116.50 to 117.50): VN052977.D (-3671) (-)

Ion 200.70 (200.40 to 201.40): VN052977.D (-3671) (-)

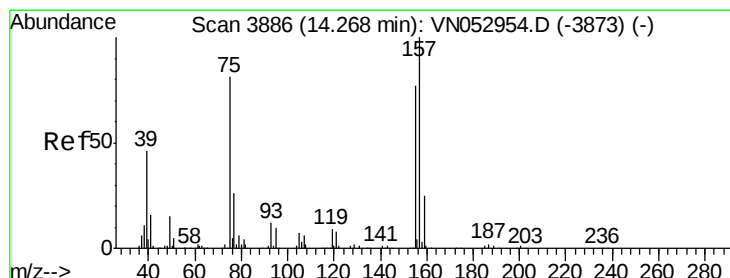
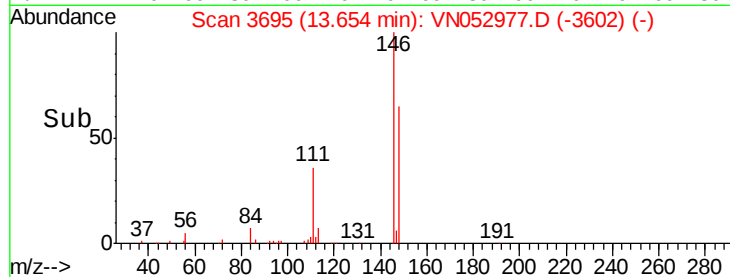
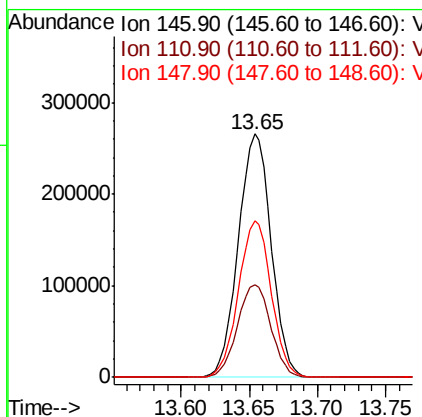
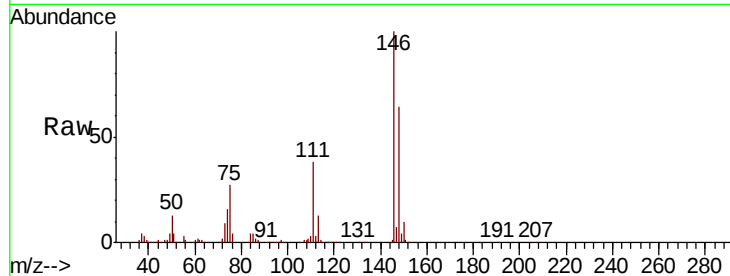




#91  
 1,2-Dichlorobenzene  
 Concen: 20.010 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. -0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

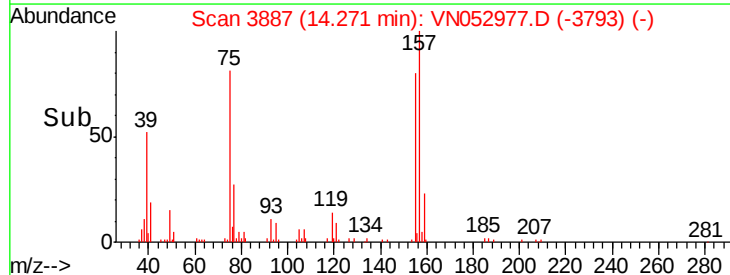
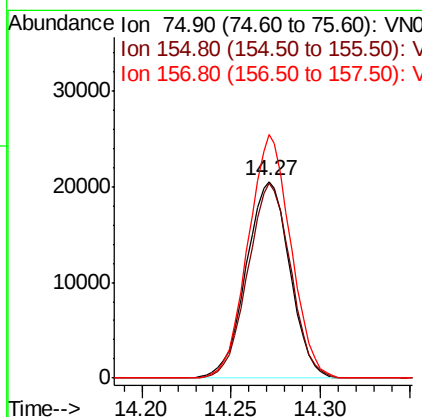
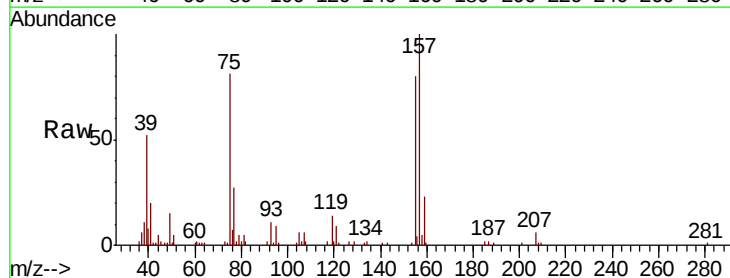
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1218WBS01

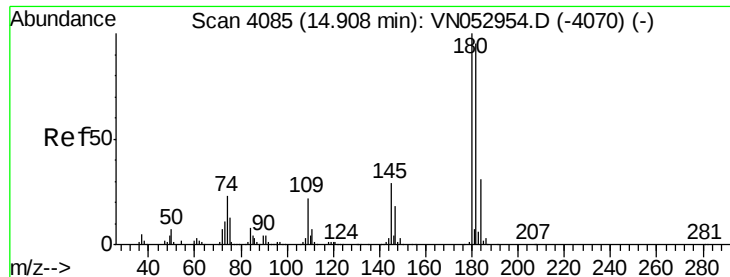
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.6  | 19.7  | 59.0  |
| 148     | 64.1  | 32.0  | 96.0  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.156 ug/l  
 RT: 14.27 min Scan# 3887  
 Delta R.T. 0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 97.1  | 48.2  | 144.6 |
| 157     | 121.0 | 61.2  | 183.5 |

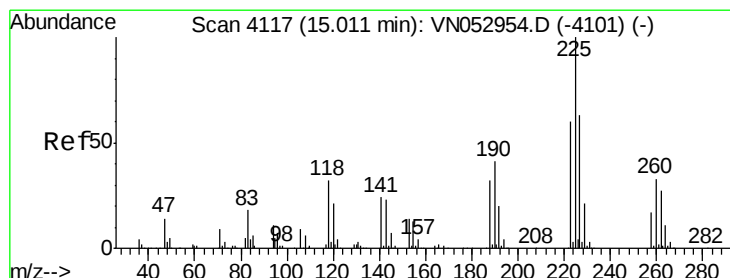
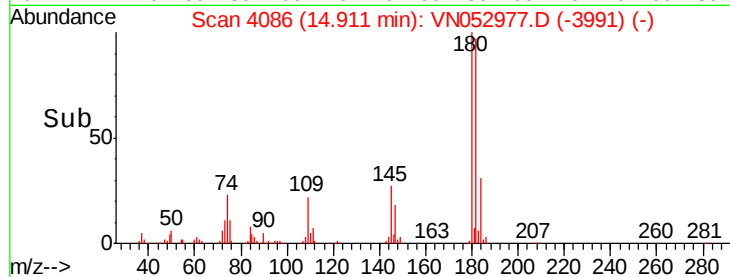
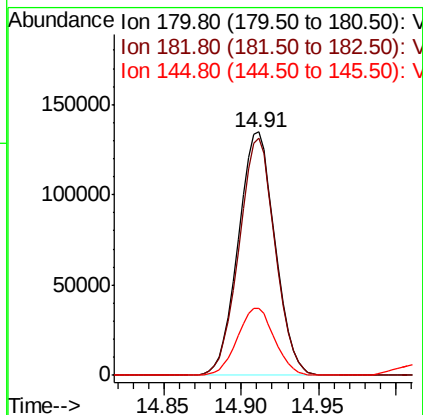
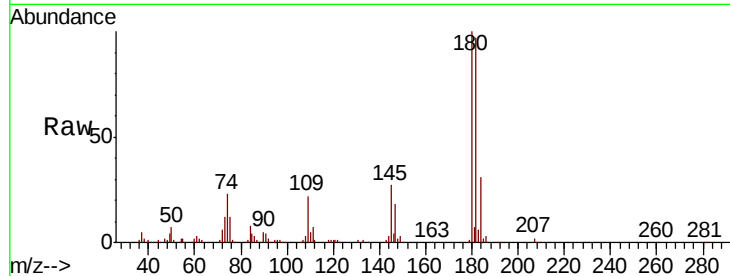




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.238 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. 0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

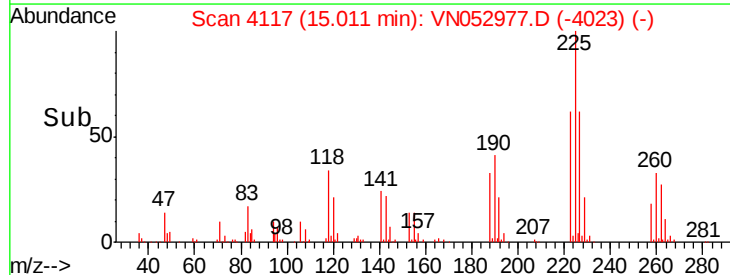
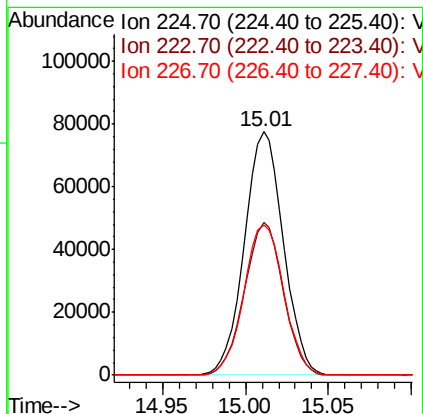
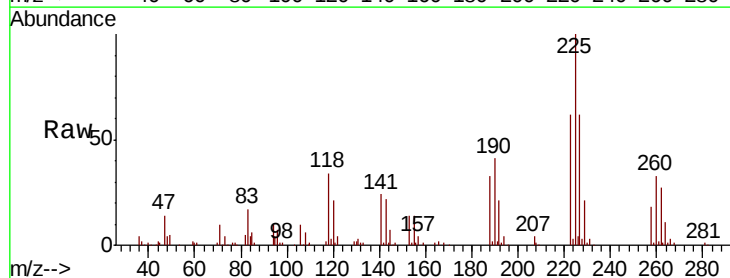
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1218WBS01

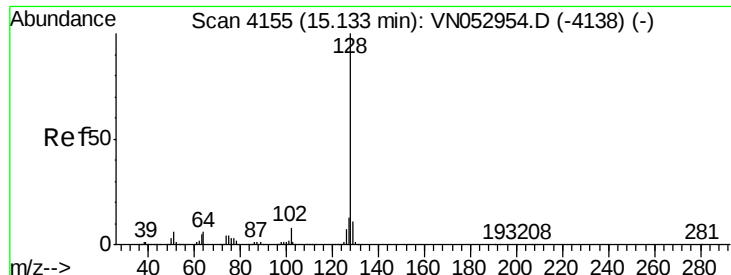
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.8  | 47.8  | 143.3 |
| 145     | 27.8  | 14.2  | 42.6  |



#94  
 Hexachlorobutadiene  
 Concen: 18.983 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN052977.D  
 Acq: 18 Dec 2018 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.4  | 31.5  | 94.5  |
| 227     | 63.2  | 31.9  | 95.7  |

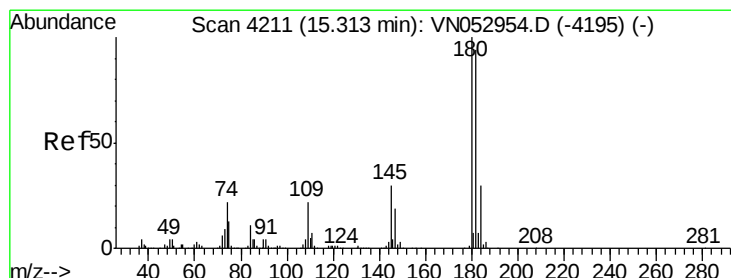
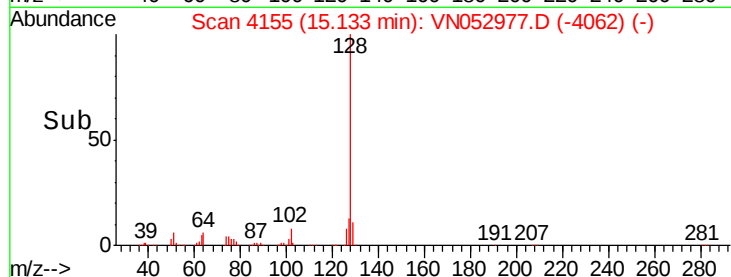
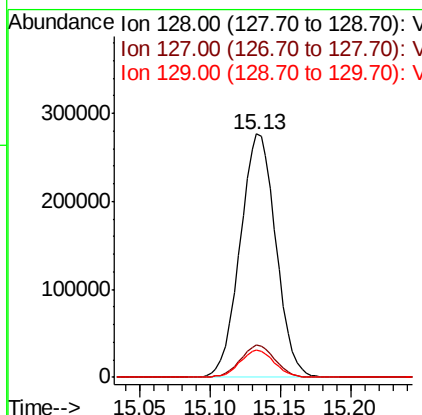
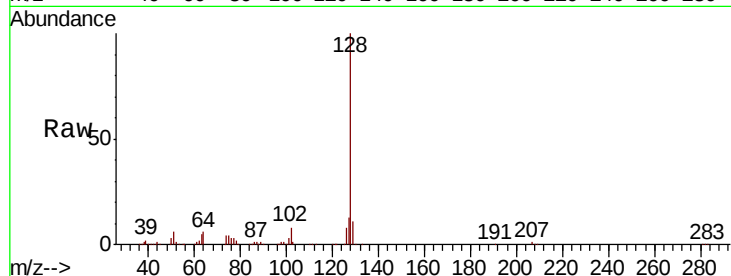




#95  
Naphthalene  
Concen: 19.705 ug/l  
RT: 15.13 min Scan# 4155  
Delta R.T. -0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1218WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.2  | 15.4  |
| 129     | 10.8  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 19.663 ug/l  
RT: 15.31 min Scan# 4211  
Delta R.T. 0.00 min  
Lab File: VN052977.D  
Acq: 18 Dec 2018 23:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 47.9  | 143.7 |
| 145     | 29.8  | 15.0  | 45.0  |

