

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN022019\  
 Data File : VN053873.D  
 Acq On : 20 Feb 2019 9:51  
 Operator : JC/SP  
 Sample : VSTDICCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Feb 21 03:10:32 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N022019W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 21 03:05:18 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 662955   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1010000  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 982566   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 474585   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.03   | 65  | 338513   | 49.96 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.92%  |      |
| 35) Dibromofluoromethane    | 7.59   | 113 | 324326   | 48.93 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.86%  |      |
| 50) Toluene-d8              | 10.09  | 98  | 1264383  | 52.81 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.62% |      |
| 62) 4-Bromofluorobenzene    | 12.40  | 95  | 434080   | 54.92 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 109.84% |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 288645  | 50.114  | ug/l | 100    |
| 3) Chloromethane              | 2.06 | 50  | 369747  | 51.636  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.19 | 62  | 382102  | 49.710  | ug/l | 100    |
| 5) Bromomethane               | 2.57 | 94  | 269803  | 47.931  | ug/l | 100    |
| 6) Chloroethane               | 2.71 | 64  | 240722  | 48.456  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 3.02 | 101 | 522037  | 47.827  | ug/l | 100    |
| 8) Diethyl Ether              | 3.41 | 74  | 179618  | 46.812  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 303853  | 46.191  | ug/l | 100    |
| 10) Methyl Iodide             | 3.96 | 142 | 494785  | 50.722  | ug/l | 100    |
| 11) Tert butyl alcohol        | 4.78 | 59  | 98007   | 231.719 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.74 | 96  | 297616  | 48.375  | ug/l | 100    |
| 13) Acrolein                  | 3.61 | 56  | 109658  | 362.738 | ug/l | 100    |
| 14) Allyl chloride            | 4.33 | 41  | 465569  | 50.002  | ug/l | 100    |
| 15) Acrylonitrile             | 4.99 | 53  | 544570  | 255.579 | ug/l | 100    |
| 16) Acetone                   | 3.81 | 43  | 438431  | 235.293 | ug/l | 100    |
| 17) Carbon Disulfide          | 4.06 | 76  | 925559  | 48.573  | ug/l | 100    |
| 18) Methyl Acetate            | 4.32 | 43  | 201666  | 47.325  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 804746  | 51.556  | ug/l | 100    |
| 20) Methylene Chloride        | 4.55 | 84  | 334931  | 48.012  | ug/l | 100    |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96  | 321562  | 49.801  | ug/l | 100    |
| 22) Diisopropyl ether         | 5.95 | 45  | 907090  | 52.261  | ug/l | 100    |
| 23) Vinyl Acetate             | 5.90 | 43  | 3291373 | 267.213 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 579496  | 49.312  | ug/l | 100    |
| 25) 2-Butanone                | 6.83 | 43  | 604270  | 251.316 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 6.82 | 77  | 443588  | 49.744  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 364639  | 50.410  | ug/l | 100    |
| 28) Bromochloromethane        | 7.19 | 49  | 259764  | 50.648  | ug/l | 100    |
| 29) Tetrahydrofuran           | 7.21 | 42  | 396498  | 254.984 | ug/l | 100    |
| 30) Chloroform                | 7.37 | 83  | 577184  | 48.881  | ug/l | 100    |
| 31) Cyclohexane               | 7.65 | 56  | 536915  | 43.807  | ug/l | 100    |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 496115  | 49.106  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 443457  | 47.901  | ug/l | 100    |
| 37) Ethyl Acetate             | 6.93 | 43  | 265986  | 52.060  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 7.78 | 117 | 448030  | 45.278  | ug/l | 100    |

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 Sample : VSTDICCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Feb 21 03:10:32 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N022019W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 21 03:05:18 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| -----                          |       |      |          |          |        |          |
| 39) Methylcyclohexane          | 9.08  | 83   | 548435   | 51.411   | ug/l   | 100      |
| 40) Benzene                    | 8.04  | 78   | 1370255  | 50.066   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.20  | 41   | 370914   | 113.718  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 394698   | 48.375   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.16  | 43   | 453458   | 45.920   | ug/l   | 100      |
| 44) Trichloroethene            | 8.83  | 130  | 385135   | 50.269   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 349841   | 50.068   | ug/l   | 100      |
| 46) Dibromomethane             | 9.21  | 93   | 211804   | 50.343   | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.40  | 83   | 450296   | 50.735   | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.20  | 41   | 218224   | 48.062   | ug/l   | 92       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 64114    | 1023.882 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 1284455  | 279.809  | ug/l   | 100      |
| 52) Toluene                    | 10.16 | 92   | 866955   | 53.454   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 463829   | 53.818   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 568342   | 55.949   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 311489   | 52.537   | ug/l   | 100      |
| 56) Ethyl methacrylate         | 10.43 | 69   | 374518   | 56.108   | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 556317   | 55.727   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 809970   | 276.979  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 879793   | 283.975  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.90 | 129  | 380795   | 55.024   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 320474   | 54.407   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.63 | 164  | 418372   | 47.617   | ug/l   | 100      |
| 65) Chlorobenzene              | 11.43 | 112  | 990741   | 48.173   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 369478   | 49.231   | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.51 | 91   | 1658478  | 49.828   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 1312332  | 101.829  | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 626712   | 50.512   | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 1025475  | 52.670   | ug/l   | 100      |
| 71) Bromoform                  | 12.13 | 173  | 265066   | 49.768   | ug/l   | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 1644685  | 49.193   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 391459   | 50.986   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 381528   | 48.267   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 469900   | 75.795   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 442036   | 49.286   | ug/l   | 100      |
| 78) n-propylbenzene            | 12.59 | 91   | 1905453  | 50.965   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 1116002  | 49.505   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 1410840  | 50.837   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 106688   | 50.554   | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 1136716  | 50.614   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 1243001  | 49.881   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 1435564  | 51.576   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 1679234  | 50.048   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 1489004  | 51.134   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 775678   | 49.562   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 763433   | 48.480   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.62 | 91   | 1256693  | 52.481   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.87 | 117  | 256132   | 46.042   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 755446   | 49.199   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 55250    | 47.900   | ug/l   | 100      |

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Operator : JC/SP  
Sample : VSTDICCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Quant Time: Feb 21 03:10:32 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N022019W.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 21 03:05:18 2019  
Response via : Initial Calibration

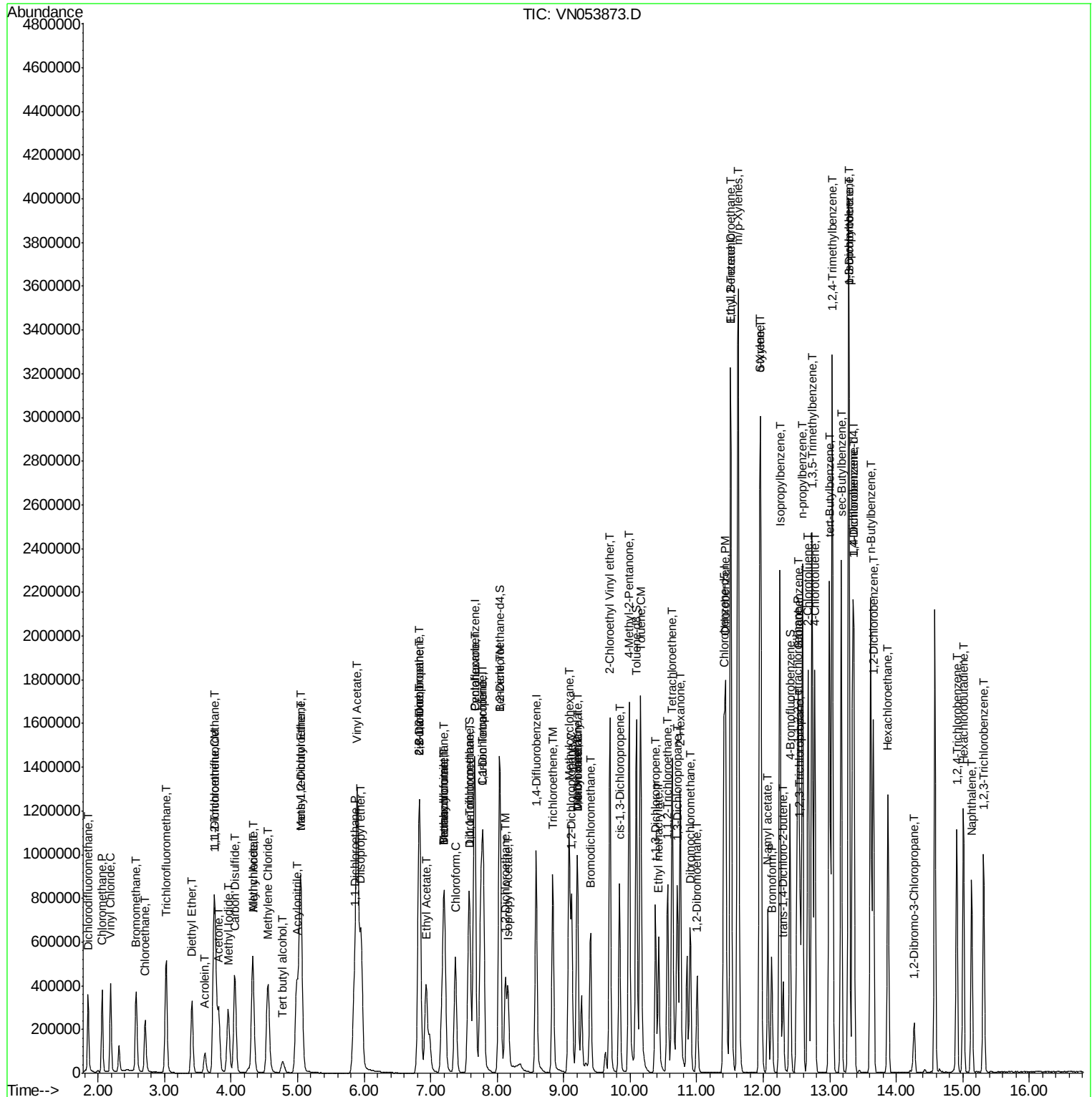
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 398694   | 50.600 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 267702   | 41.806 | ug/l  | 100      |
| 95) Naphthalene            | 15.13 | 128  | 775849   | 52.723 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 384083   | 50.235 | ug/l  | 100      |

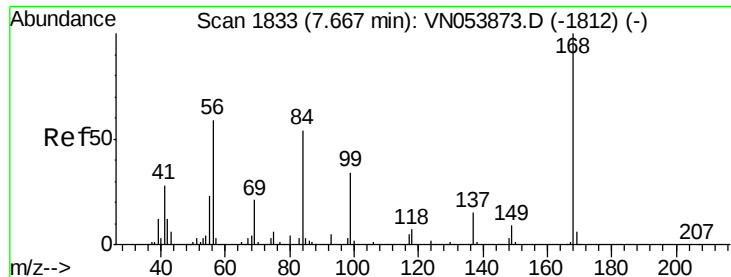
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_N\DATA\VN022019\  
Data File : VN053873.D  
Acq On : 20 Feb 2019 9:51  
Operator : JC/SP  
Sample : VSTDICCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

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Quant Title : SW846 8260  
QLast Update : Thu Feb 21 03:05:18 2019  
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: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

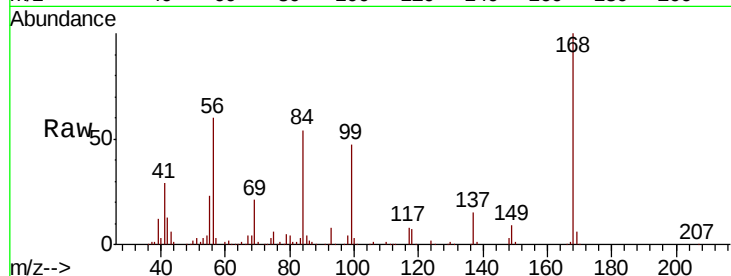
VSTDICCC050

Tgt Ion: 168 Resp: 662955

Ion Ratio Lower Upper

168 100

99 46.1 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053873.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053873.D (-1812) (-)

7.67

300000

250000

200000

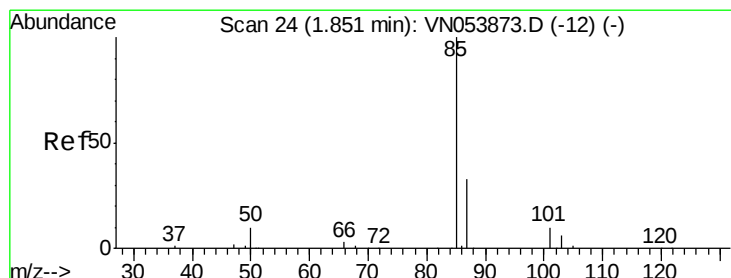
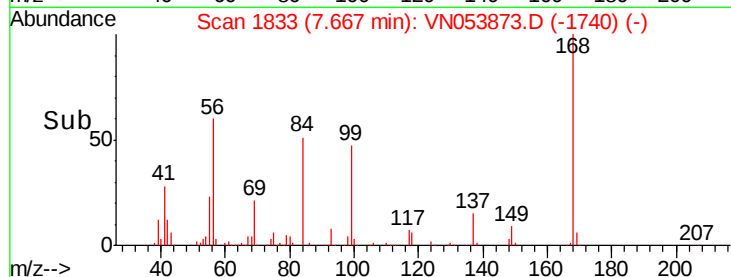
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.114 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053873.D

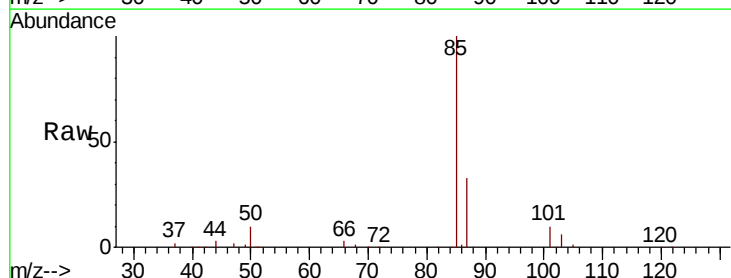
Acq: 20 Feb 2019 9:51

Tgt Ion: 85 Resp: 288645

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN053873.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN053873.D (-12) (-)

1.85

200000

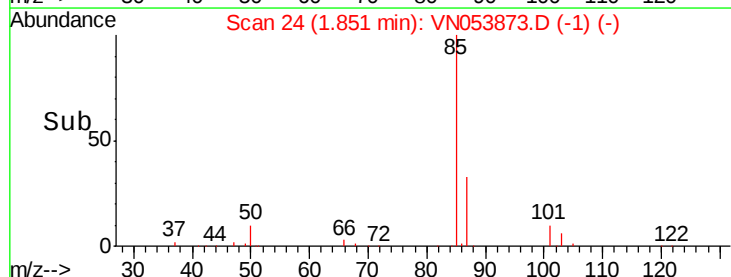
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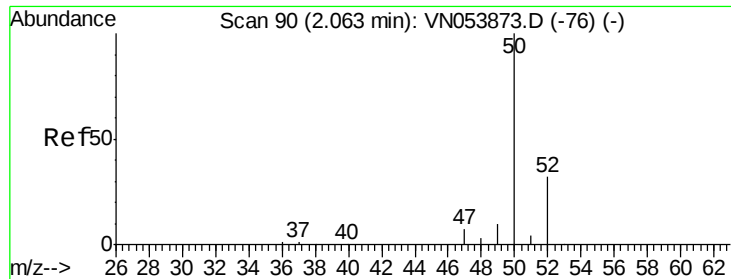
100000

50000

0

Time-->





#3

Chloromethane

Concen: 51.636 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

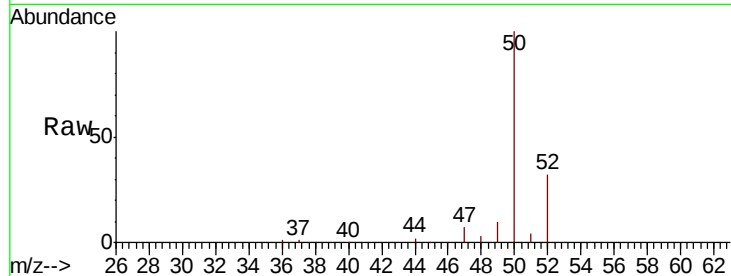
VSTDICCC050

Tgt Ion: 50 Resp: 369747

Ion Ratio Lower Upper

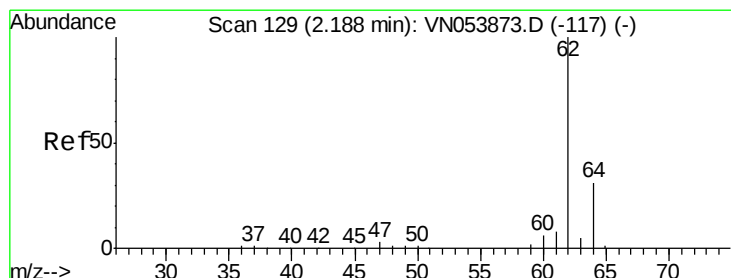
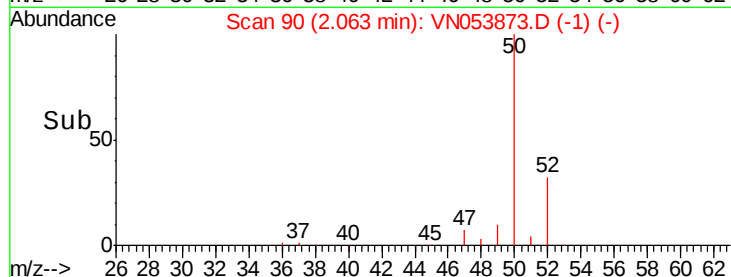
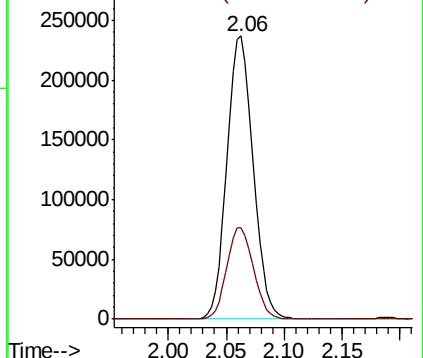
50 100

52 32.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 49.710 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053873.D

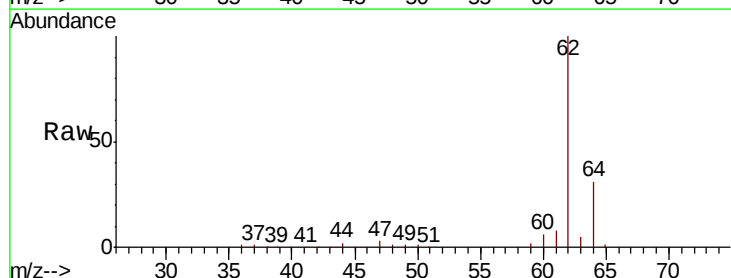
Acq: 20 Feb 2019 9:51

Tgt Ion: 62 Resp: 382102

Ion Ratio Lower Upper

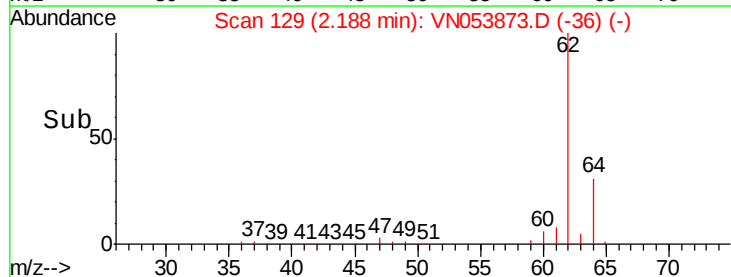
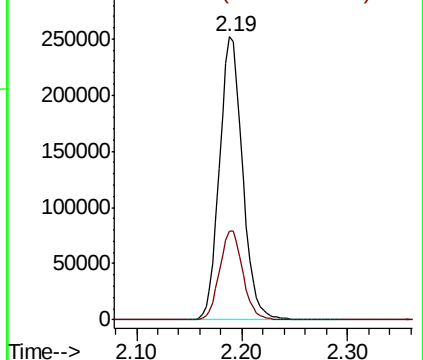
62 100

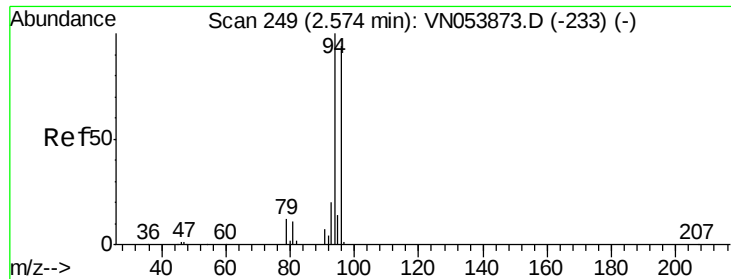
64 31.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 47.931 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

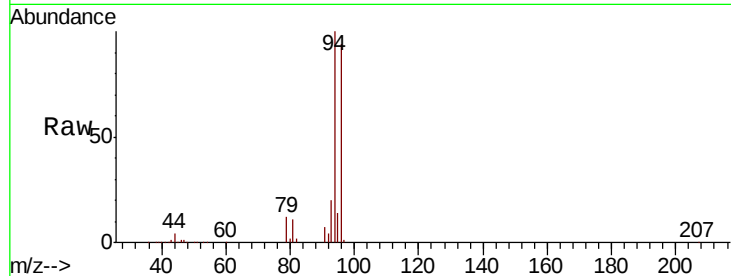
VSTDICCC050

Tgt Ion: 94 Resp: 269803

Ion Ratio Lower Upper

94 100

96 93.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

150000

100000

50000

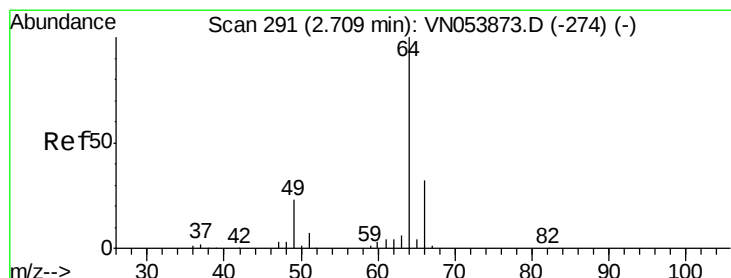
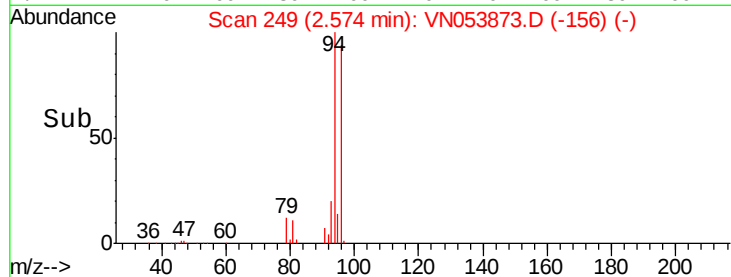
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Time-->

2.50

2.60

2.70



#6

Chloroethane

Concen: 48.456 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN053873.D

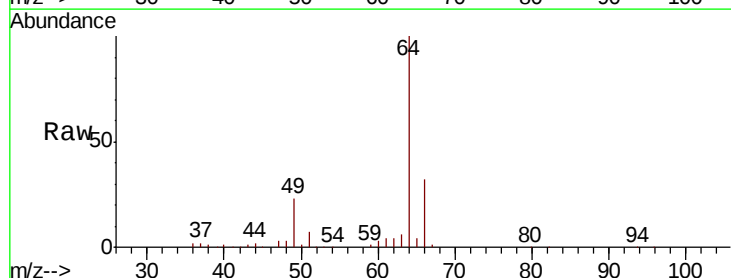
Acq: 20 Feb 2019 9:51

Tgt Ion: 64 Resp: 240722

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

100000

50000

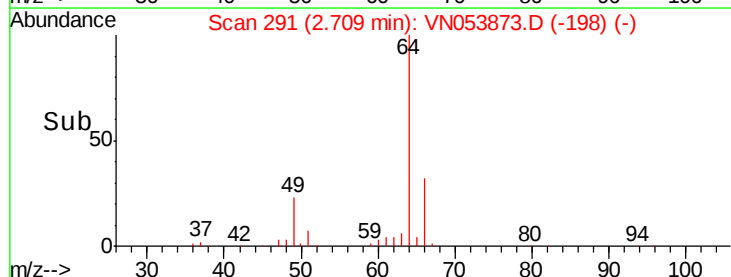
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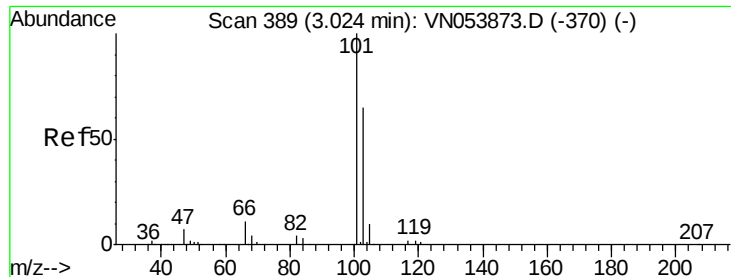
Time-->

2.60

2.70

2.80



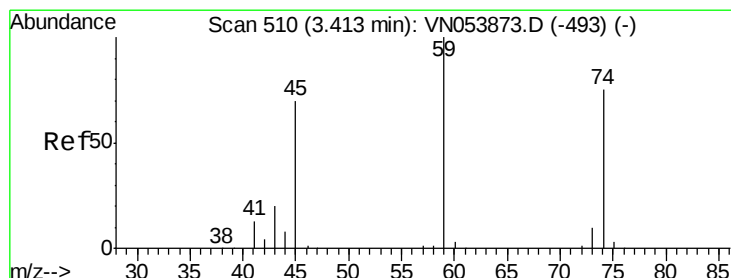
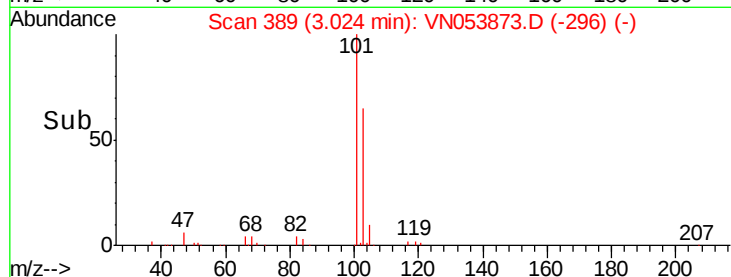
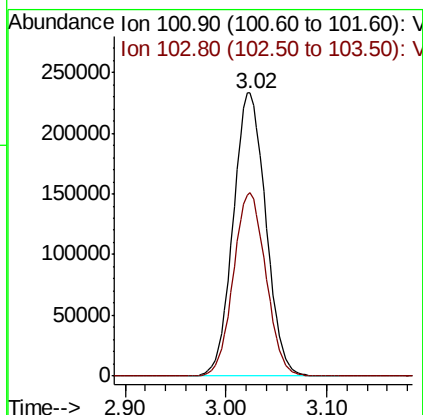
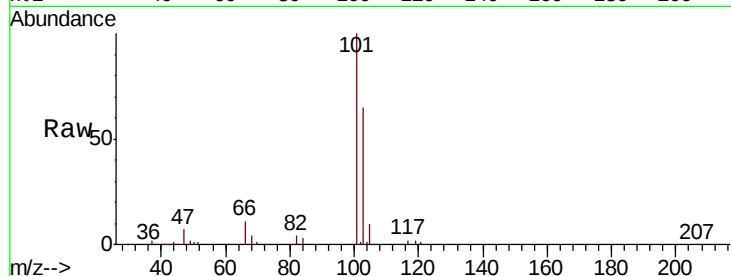


#7

Trichlorofluoromethane  
 Concen: 47.827 ug/l  
 RT: 3.02 min Scan# 389  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

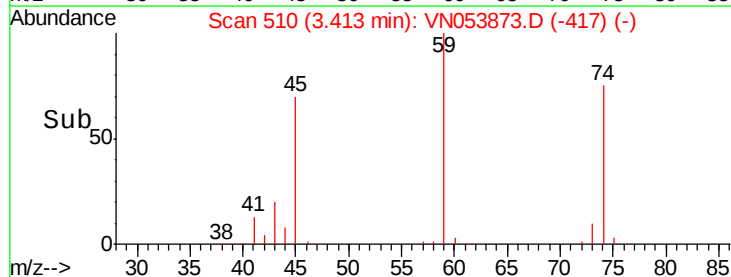
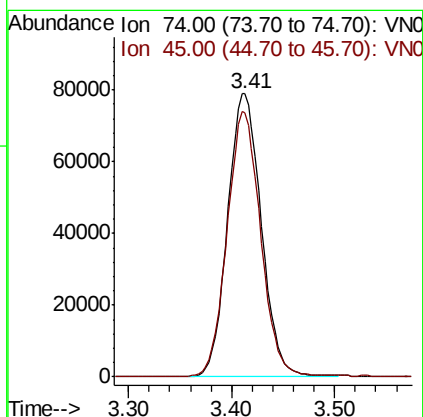
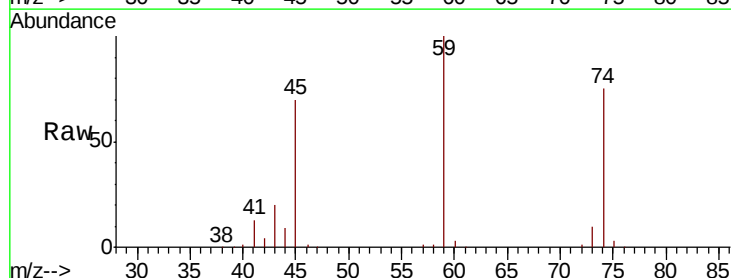
Tgt Ion: 101 Resp: 522037  
 Ion Ratio Lower Upper  
 101 100  
 103 64.9 51.9 77.9

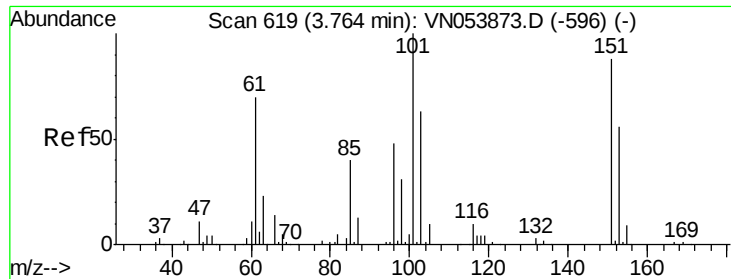


#8

Diethyl Ether  
 Concen: 46.812 ug/l  
 RT: 3.41 min Scan# 510  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

Tgt Ion: 74 Resp: 179618  
 Ion Ratio Lower Upper  
 74 100  
 45 93.7 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.191 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

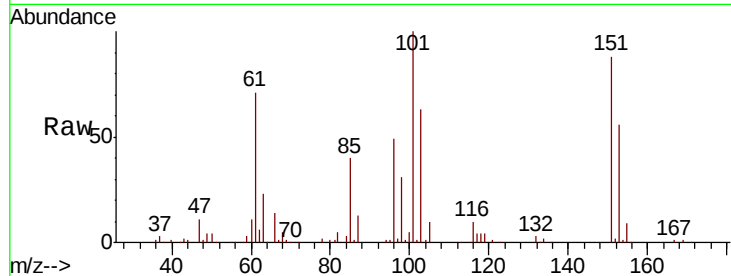
Tgt Ion:101 Resp: 303853

Ion Ratio Lower Upper

101 100

85 40.6 32.5 48.7

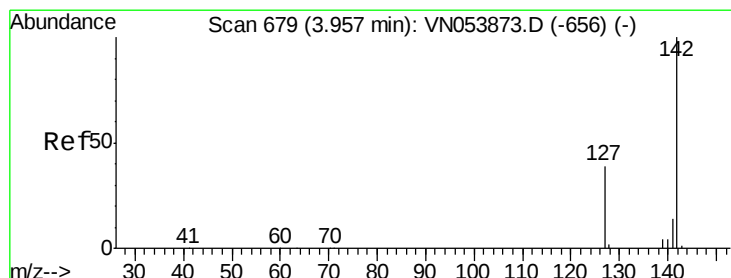
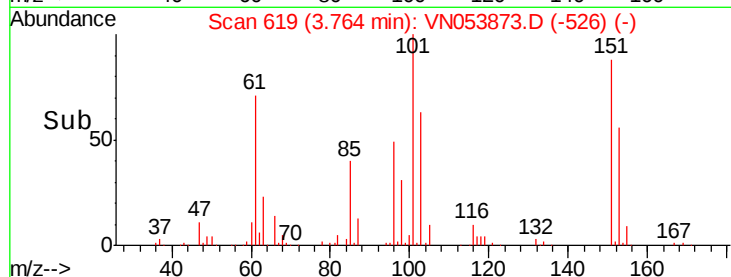
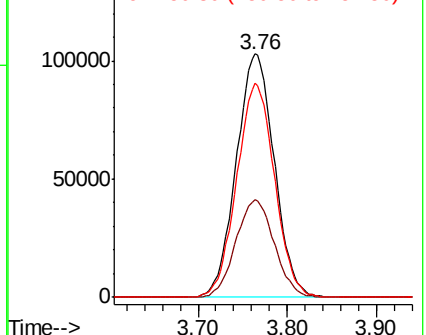
151 87.7 70.2 105.2



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: 50.722 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

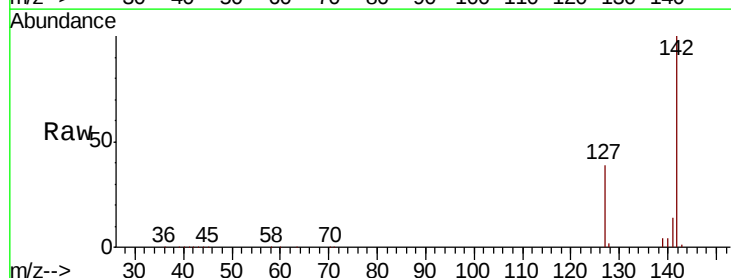
Tgt Ion:142 Resp: 494785

Ion Ratio Lower Upper

142 100

127 38.7 31.0 46.4

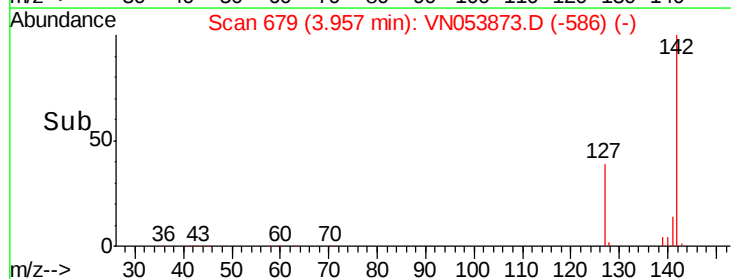
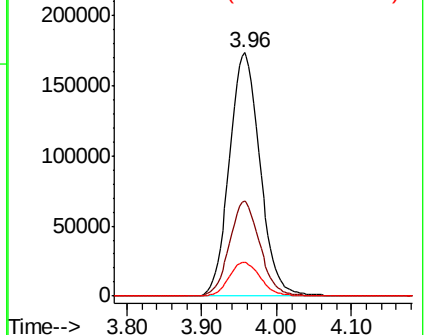
141 14.1 11.3 16.9

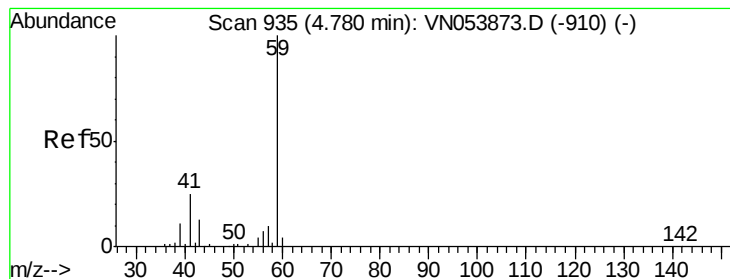


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 231.719 ug/l

RT: 4.78 min Scan# 935

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

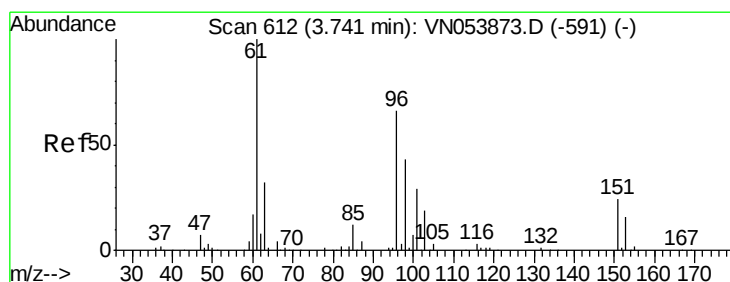
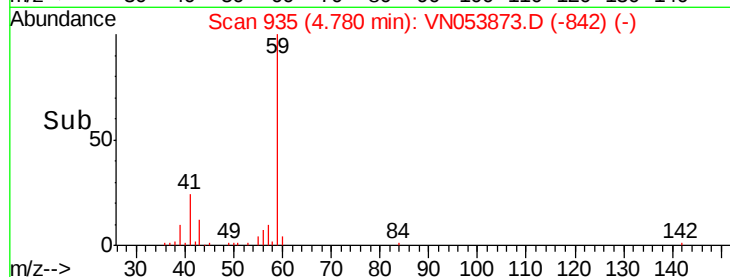
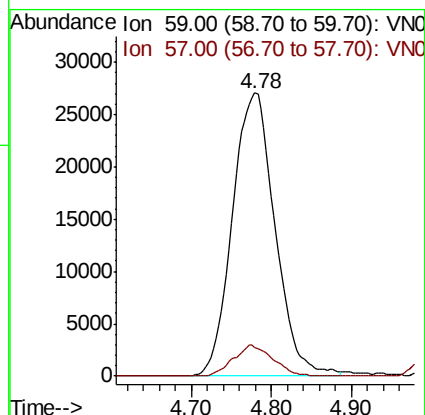
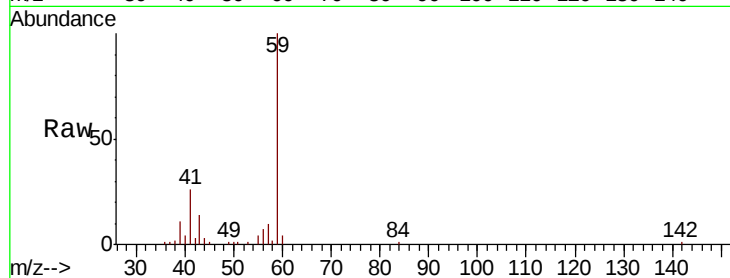
VSTDICCC050

Tgt Ion: 59 Resp: 98007

Ion Ratio Lower Upper

59 100

57 10.1 8.1 12.1



#12

1,1-Dichloroethene

Concen: 48.375 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

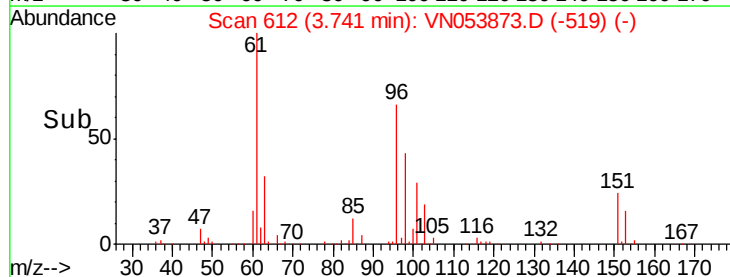
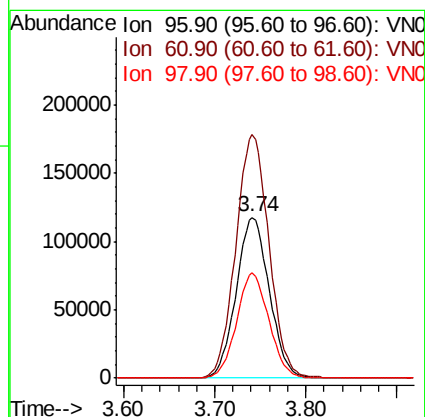
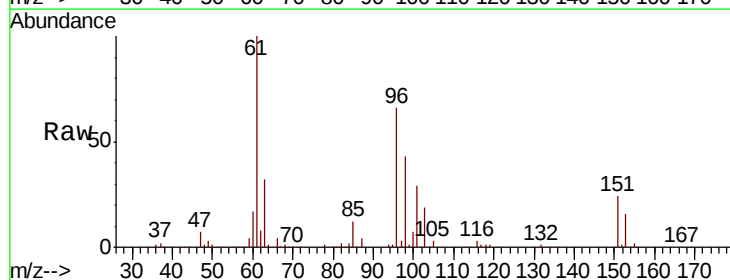
Tgt Ion: 96 Resp: 297616

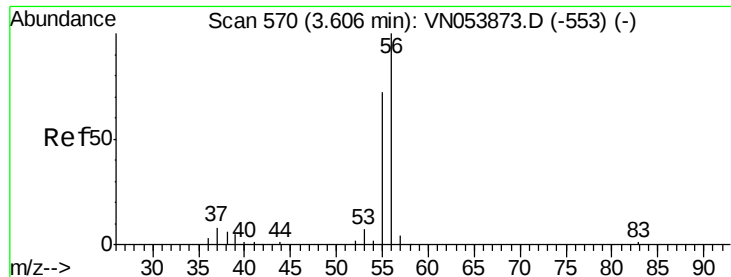
Ion Ratio Lower Upper

96 100

61 151.2 121.0 181.4

98 65.2 52.2 78.2





#13

Acrolein

Concen: 362.738 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

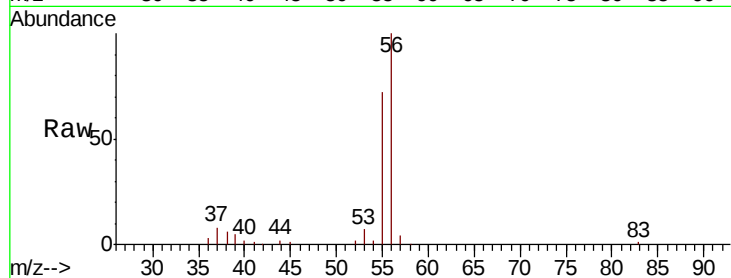
VSTDICCC050

Tgt Ion: 56 Resp: 109658

Ion Ratio Lower Upper

56 100

55 70.4 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

40000

30000

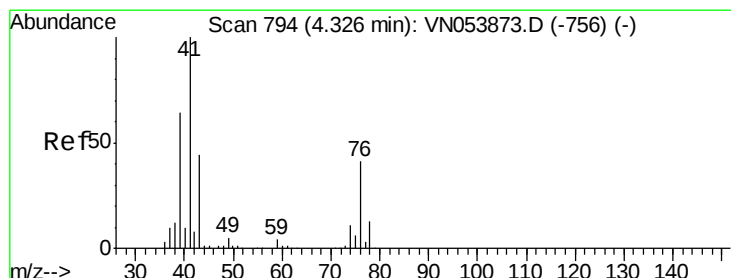
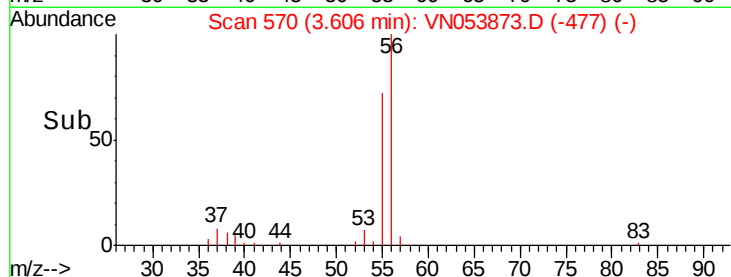
20000

10000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 50.002 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

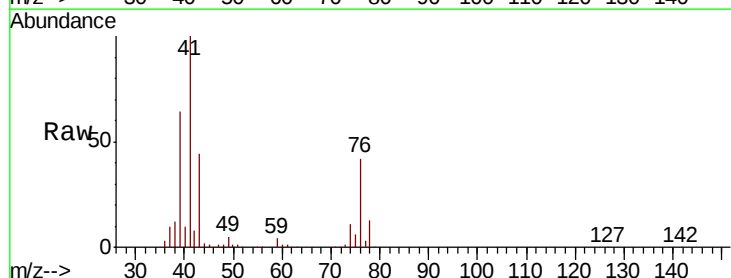
Tgt Ion: 41 Resp: 465569

Ion Ratio Lower Upper

41 100

39 61.0 48.8 73.2

76 38.6 30.9 46.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

200000

150000

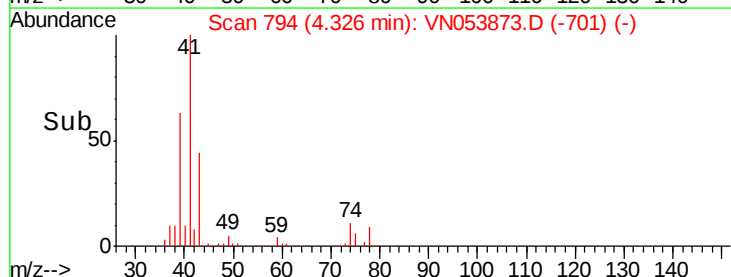
100000

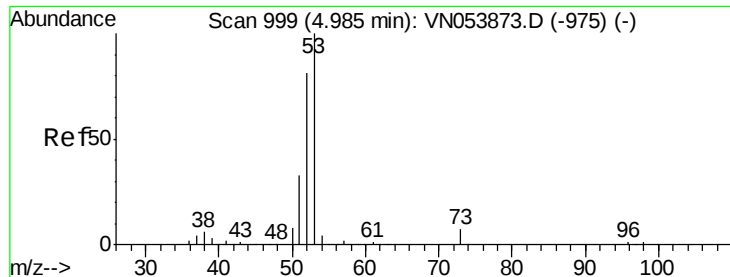
50000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 255.579 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

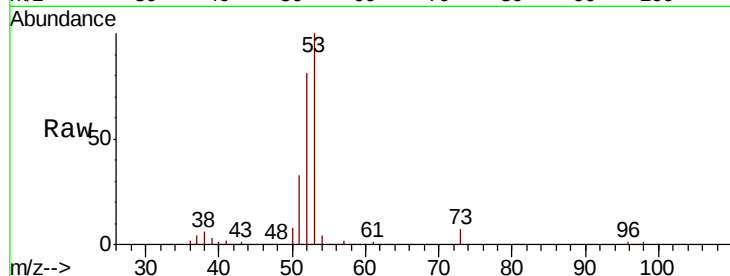
Tgt Ion: 53 Resp: 544570

Ion Ratio Lower Upper

53 100

52 81.4 65.1 97.7

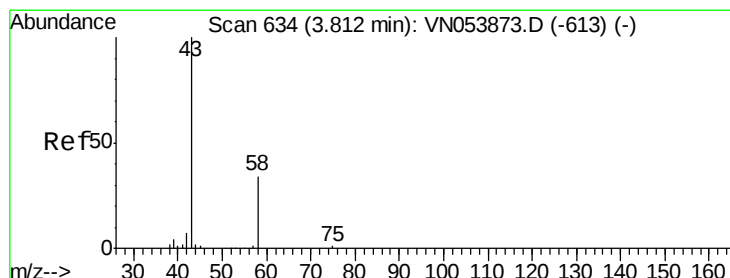
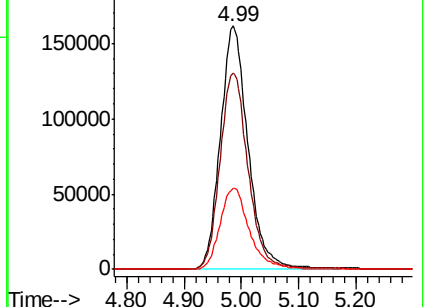
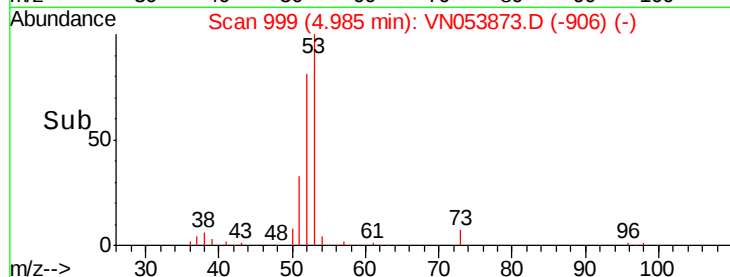
51 35.3 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN053873.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN053873.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN053873.D (-975) (-)



#16

Acetone

Concen: 235.293 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN053873.D

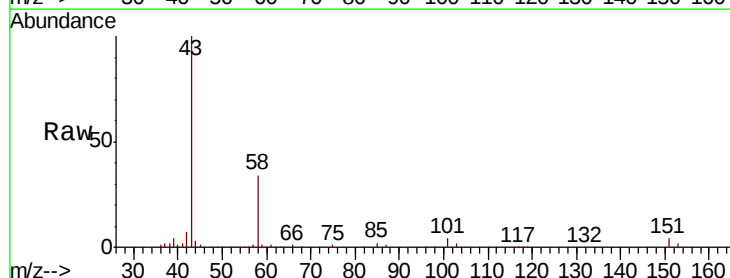
Acq: 20 Feb 2019 9:51

Tgt Ion: 43 Resp: 438431

Ion Ratio Lower Upper

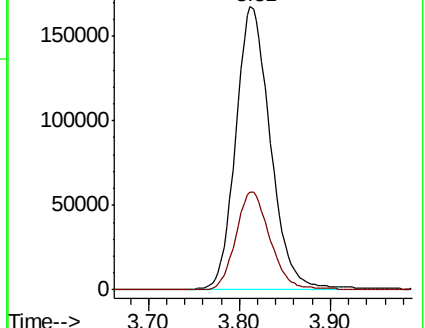
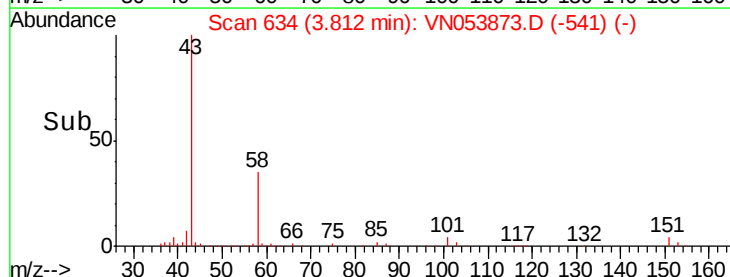
43 100

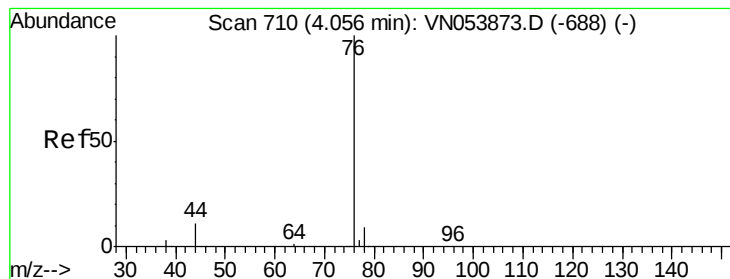
58 34.5 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN053873.D (-613) (-)

Ion 58.00 (57.70 to 58.70): VN053873.D (-613) (-)





#17

Carbon Disulfide

Concen: 48.573 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

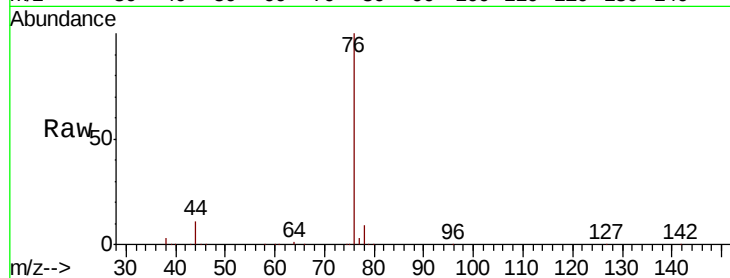
VSTDICCC050

Tgt Ion: 76 Resp: 925559

Ion Ratio Lower Upper

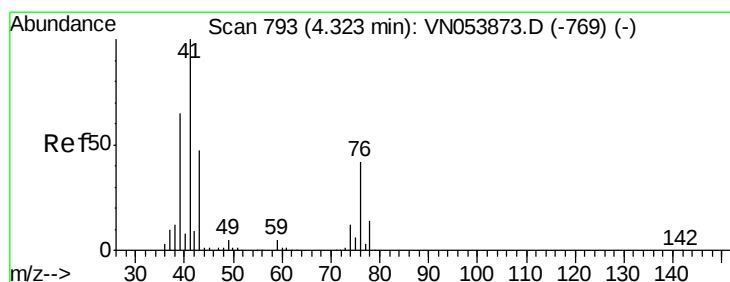
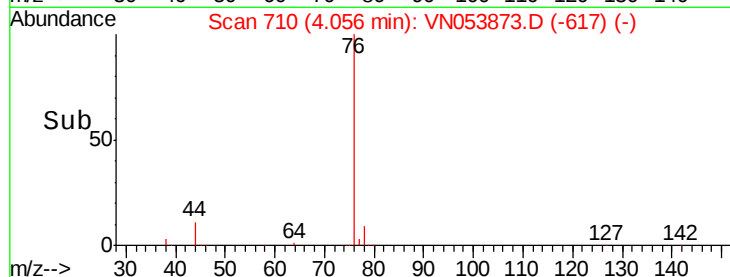
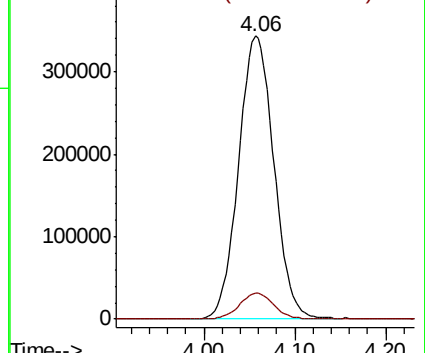
76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN053873.D (-688) (-)

Ion 77.90 (77.60 to 78.60): VN053873.D (-688) (-)



#18

Methyl Acetate

Concen: 47.325 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN053873.D

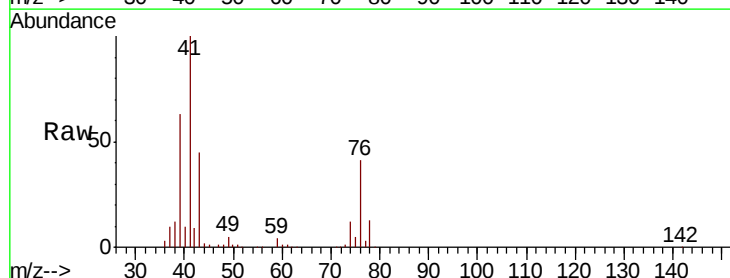
Acq: 20 Feb 2019 9:51

Tgt Ion: 43 Resp: 201666

Ion Ratio Lower Upper

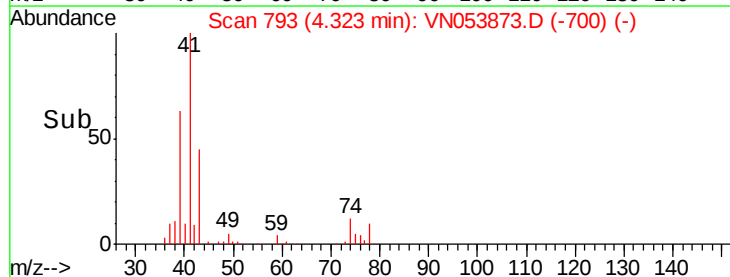
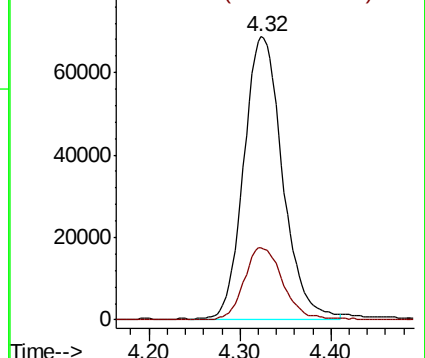
43 100

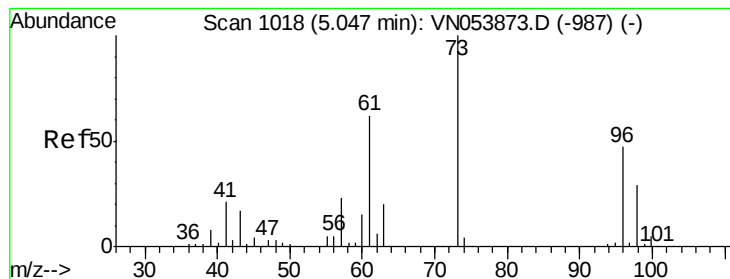
74 25.6 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VN053873.D (-769) (-)

Ion 74.00 (73.70 to 74.70): VN053873.D (-769) (-)



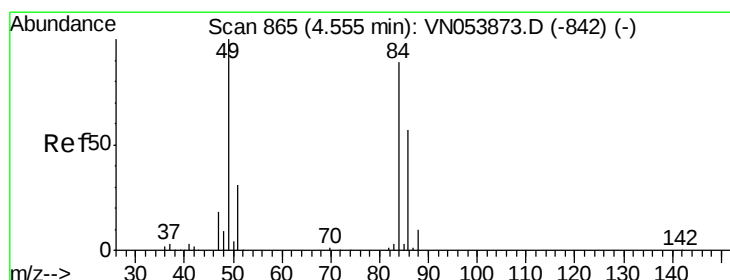
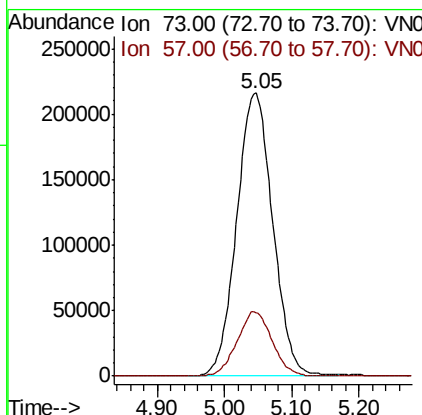
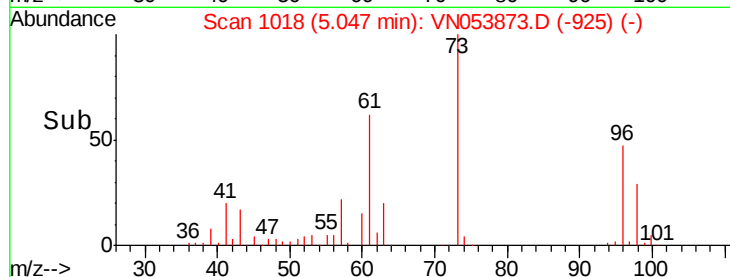
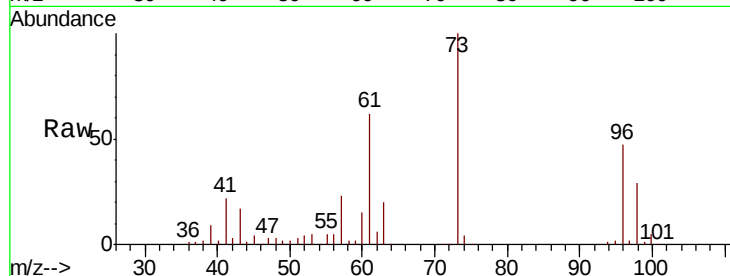


#19

Methyl tert-butyl Ether  
 Concen: 51.556 ug/l  
 RT: 5.05 min Scan# 1018  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

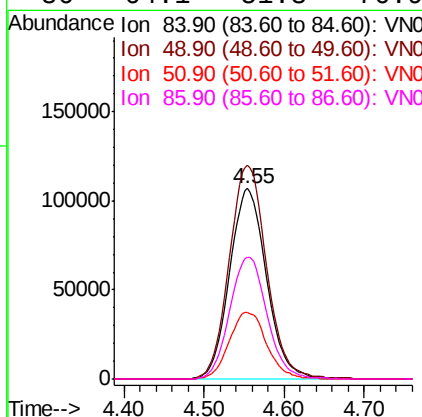
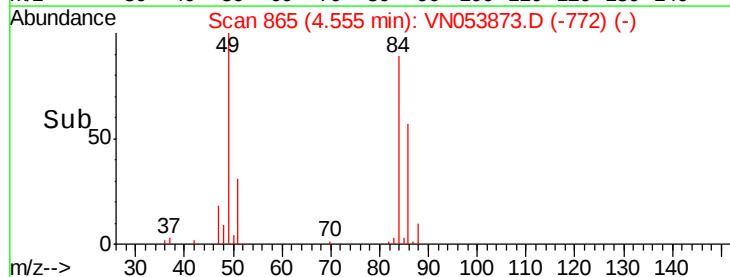
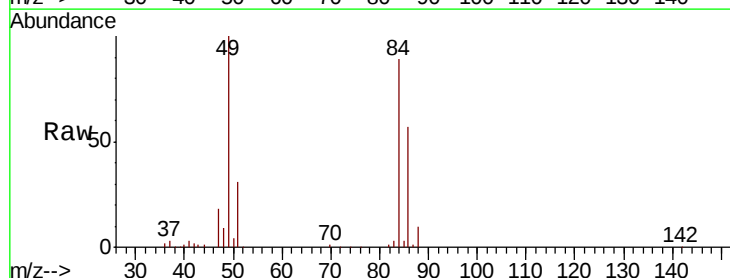
Tgt Ion: 73 Resp: 804746  
 Ion Ratio Lower Upper  
 73 100  
 57 22.5 18.0 27.0

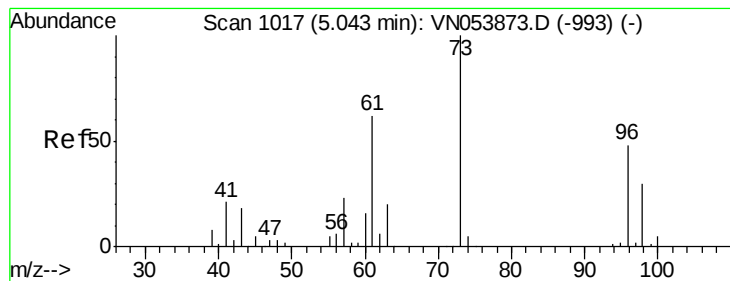


#20

Methylene Chloride  
 Concen: 48.012 ug/l  
 RT: 4.55 min Scan# 865  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

Tgt Ion: 84 Resp: 334931  
 Ion Ratio Lower Upper  
 84 100  
 49 112.1 89.7 134.5  
 51 34.8 27.8 41.8  
 86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 49.801 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

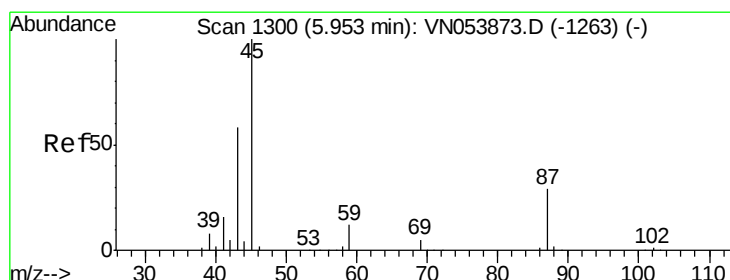
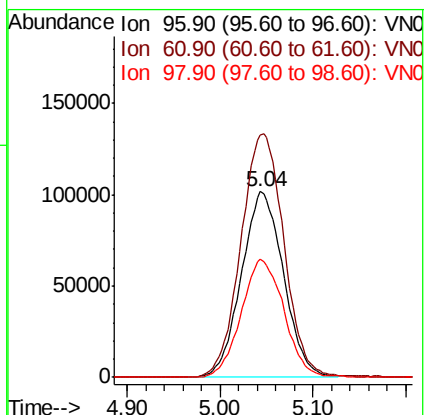
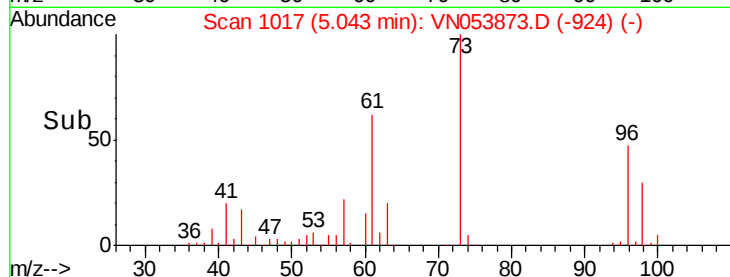
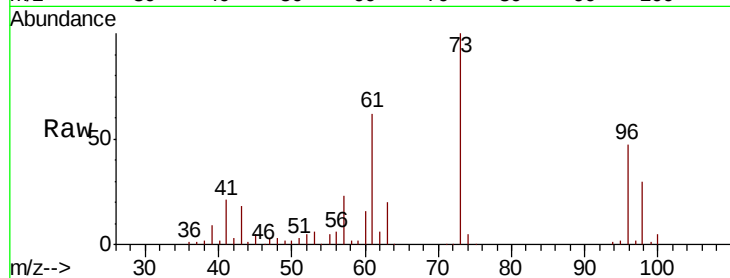
Tgt Ion: 96 Resp: 321562

Ion Ratio Lower Upper

96 100

61 130.6 104.5 156.7

98 63.3 50.6 76.0



#22

Diisopropyl ether

Concen: 52.261 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Tgt Ion: 45 Resp: 907090

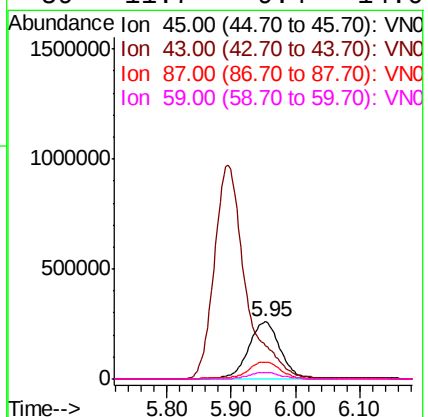
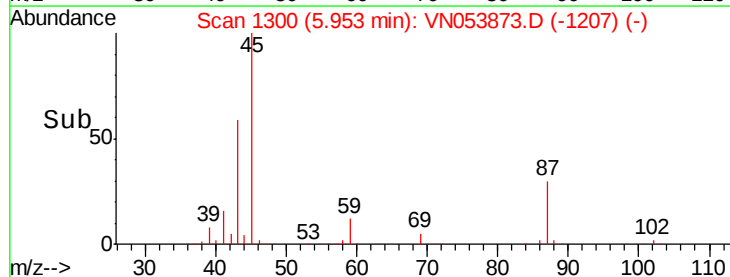
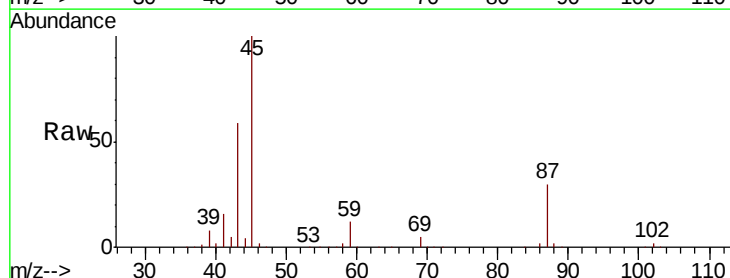
Ion Ratio Lower Upper

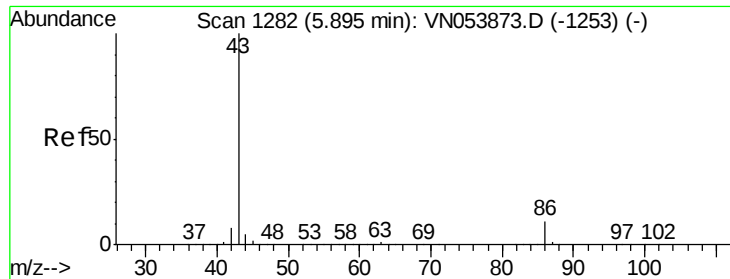
45 100

43 57.8 46.2 69.4

87 29.2 23.4 35.0

59 11.7 9.4 14.0





#23

Vinyl Acetate

Concen: 267.213 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

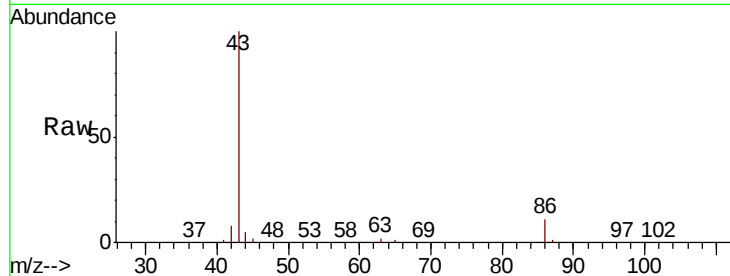
VSTDICCC050

Tgt Ion: 43 Resp: 3291373

Ion Ratio Lower Upper

43 100

86 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN053873.D (-1253) (-)

Ion 86.00 (85.70 to 86.70): VN053873.D (-1253) (-)

5.90

1000000

800000

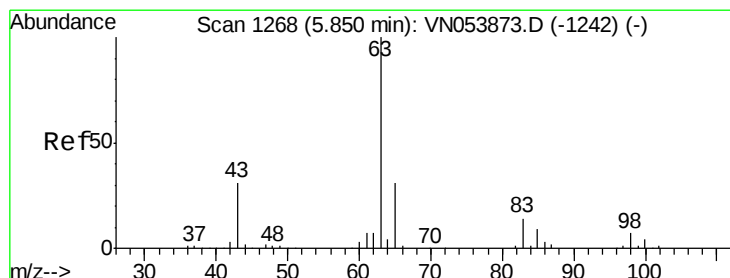
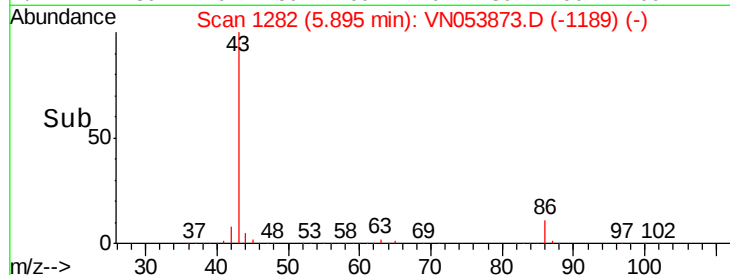
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.312 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

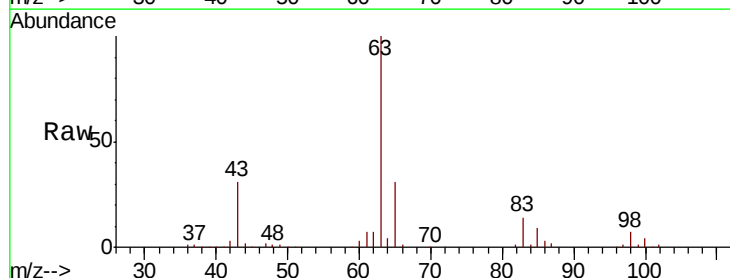
Tgt Ion: 63 Resp: 579496

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.4 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN053873.D (-1242) (-)

Ion 97.90 (97.60 to 98.60): VN053873.D (-1242) (-)

Ion 99.90 (99.60 to 100.60): VN053873.D (-1242) (-)

5.85

250000

200000

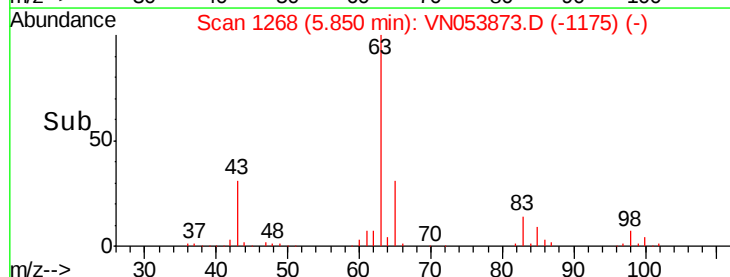
150000

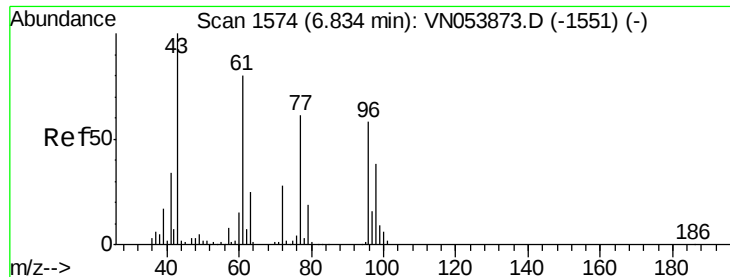
100000

50000

0

Time-->





#25

2-Butanone

Concen: 251.316 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

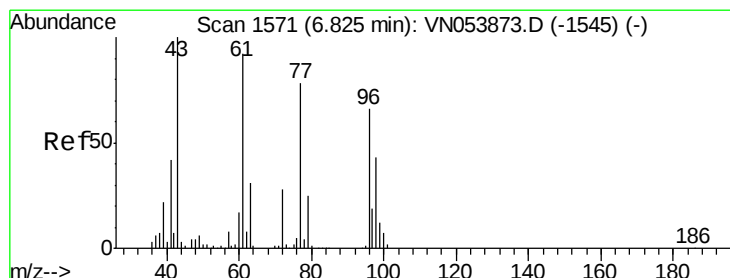
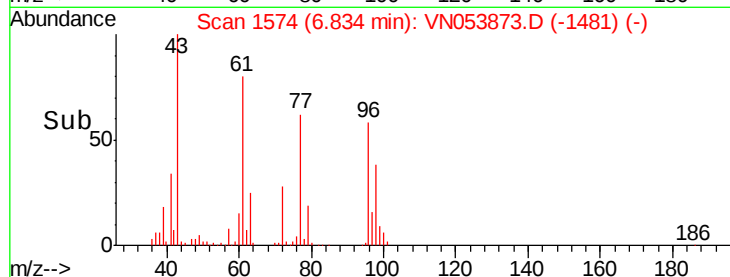
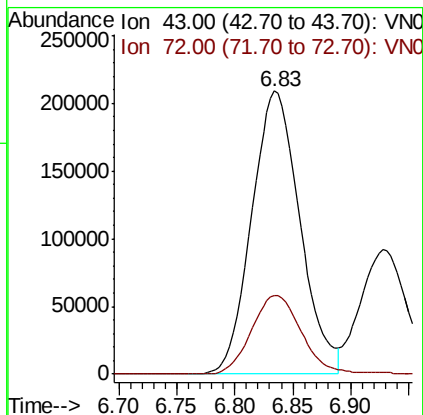
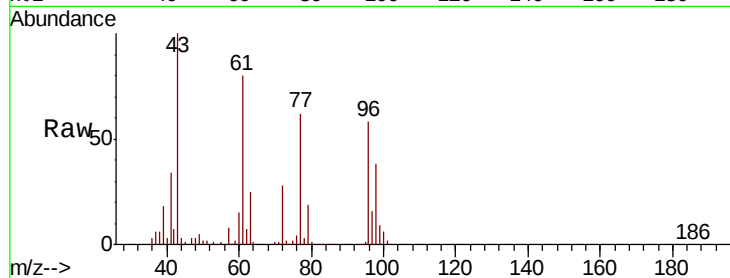
VSTDICCC050

Tgt Ion: 43 Resp: 604270

Ion Ratio Lower Upper

43 100

72 27.6 22.1 33.1



#26

2,2-Dichloropropane

Concen: 49.744 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN053873.D

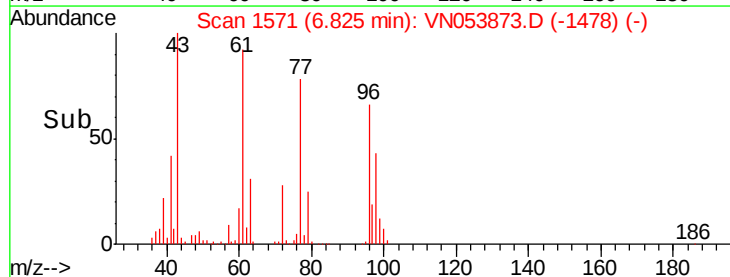
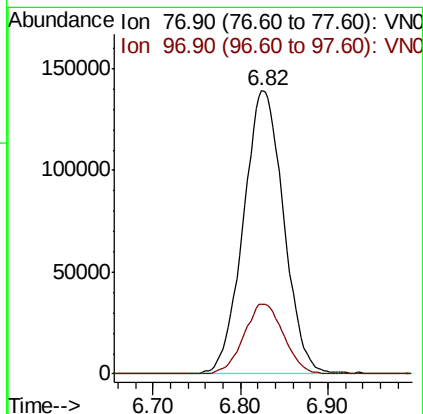
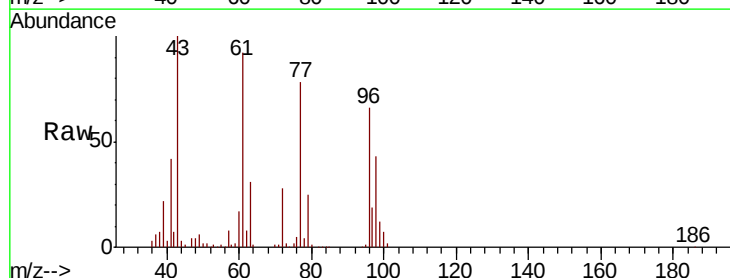
Acq: 20 Feb 2019 9:51

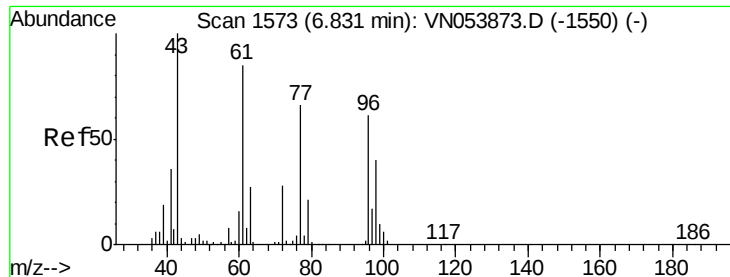
Tgt Ion: 77 Resp: 443588

Ion Ratio Lower Upper

77 100

97 24.6 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 50.410 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

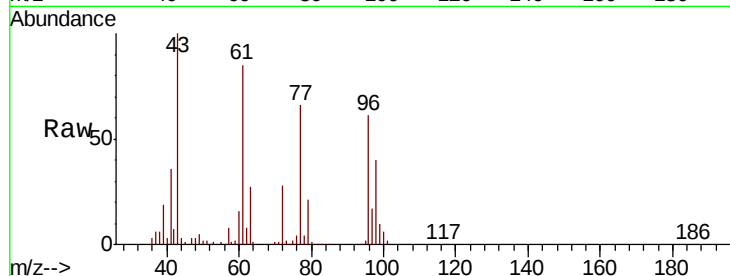
Tgt Ion: 96 Resp: 364639

Ion Ratio Lower Upper

96 100

61 137.8 0.0 275.6

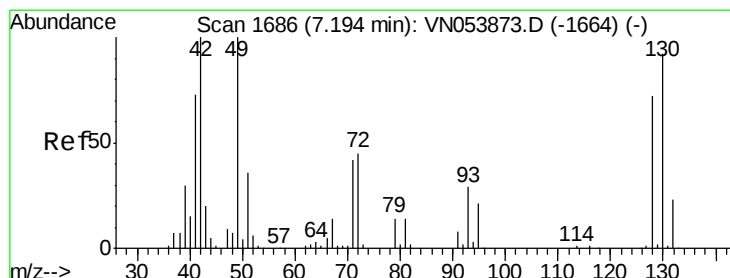
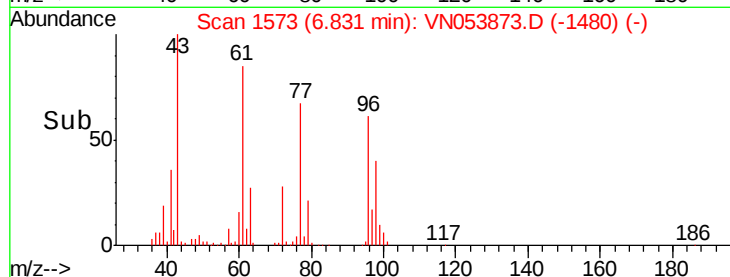
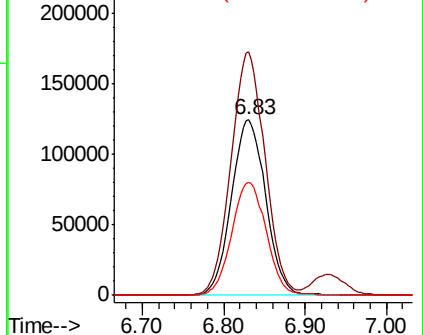
98 65.0 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN053873.D (-1550) (-)

Ion 60.90 (60.60 to 61.60): VN053873.D (-1550) (-)

Ion 97.90 (97.60 to 98.60): VN053873.D (-1550) (-)



#28

Bromochloromethane

Concen: 50.648 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

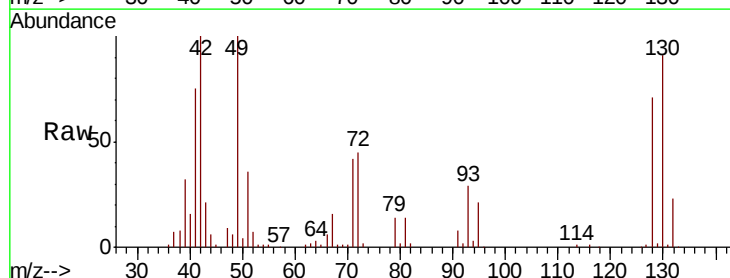
Tgt Ion: 49 Resp: 259764

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

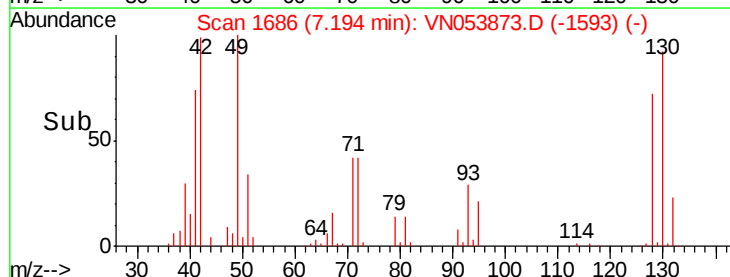
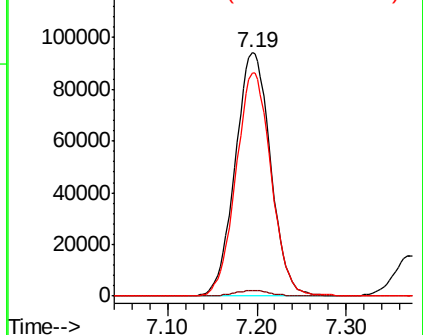
130 91.1 72.9 109.3

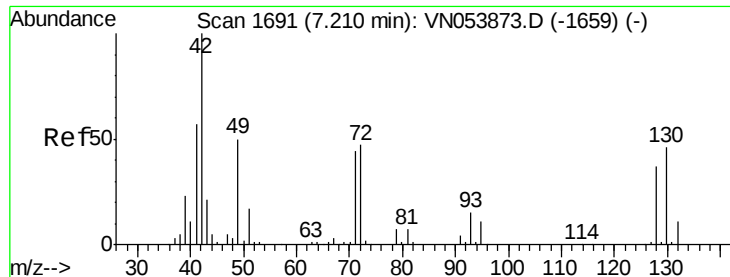


Abundance Ion 48.90 (48.60 to 49.60): VN053873.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN053873.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN053873.D (-1664) (-)





#29

Tetrahydrofuran

Concen: 254.984 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

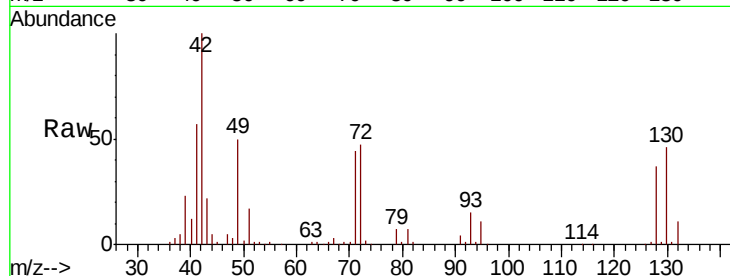
Tgt Ion: 42 Resp: 396498

Ion Ratio Lower Upper

42 100

72 46.1 36.9 55.3

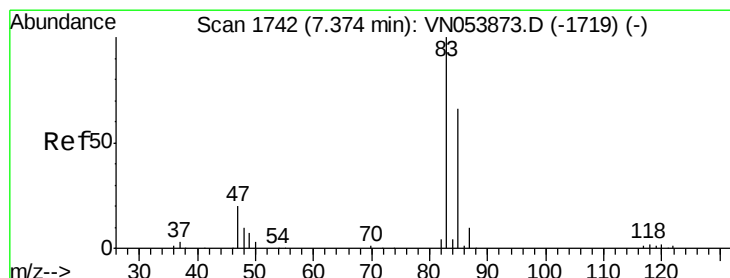
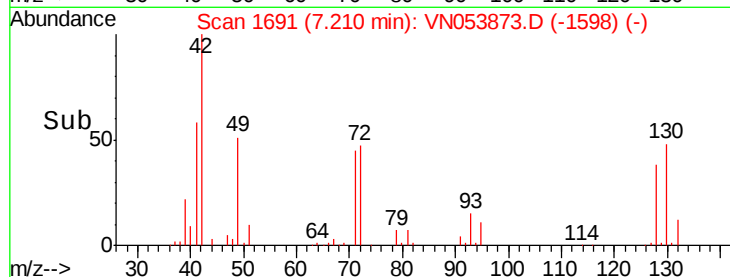
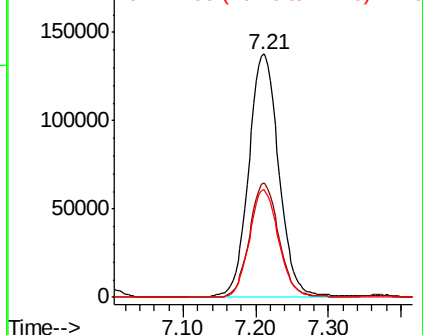
71 43.3 34.6 52.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 48.881 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN053873.D

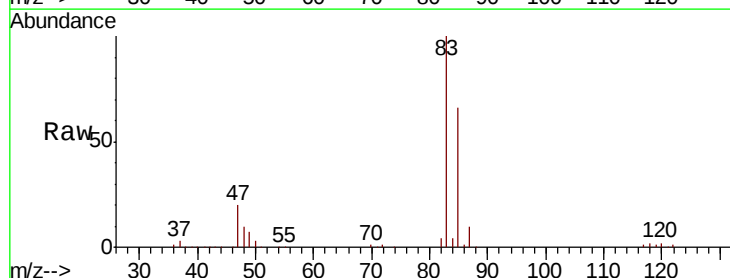
Acq: 20 Feb 2019 9:51

Tgt Ion: 83 Resp: 577184

Ion Ratio Lower Upper

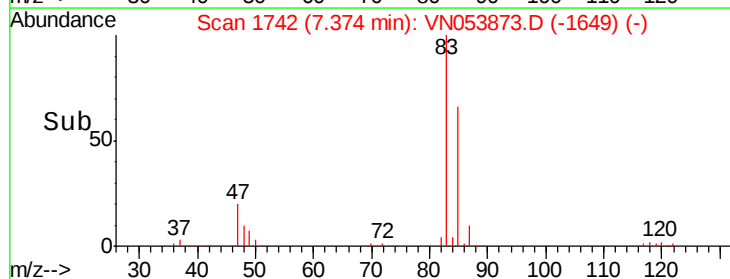
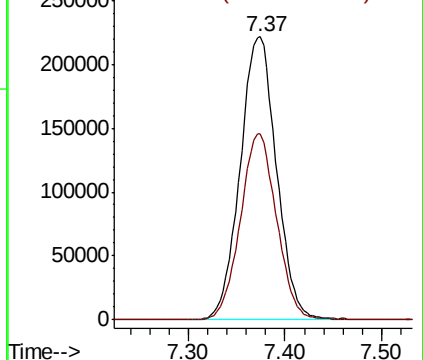
83 100

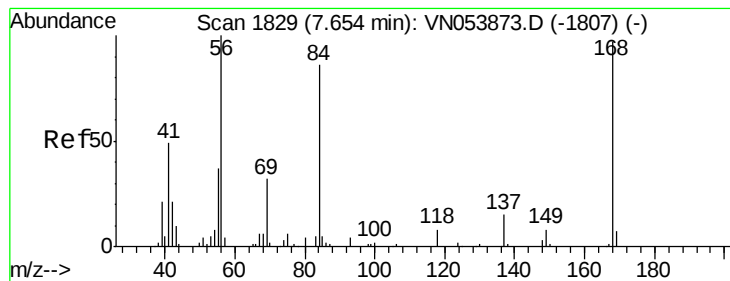
85 65.7 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 43.807 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

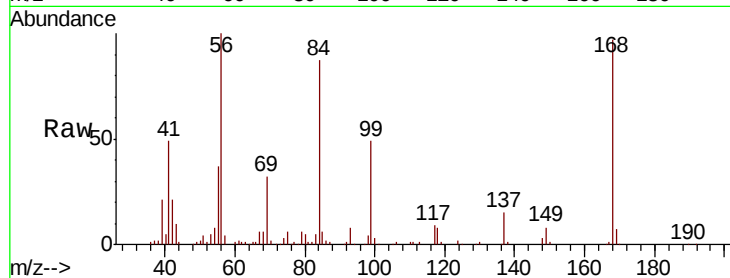
Tgt Ion: 56 Resp: 536915

Ion Ratio Lower Upper

56 100

69 32.5 26.0 39.0

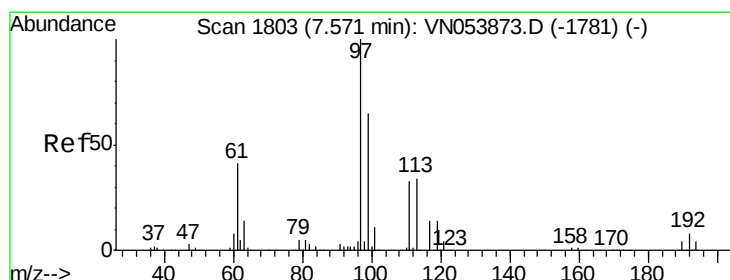
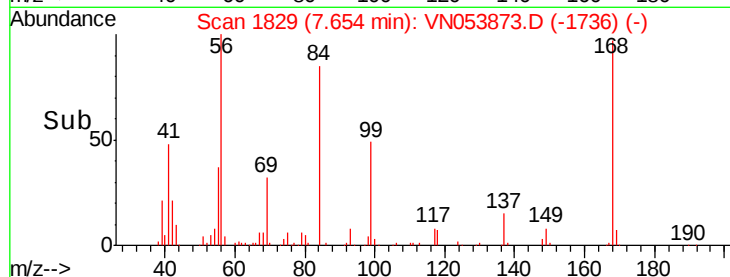
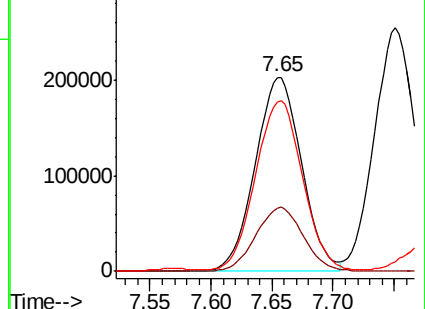
84 86.4 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VN053873.D (-1807) (-)

Ion 69.00 (68.70 to 69.70): VN053873.D (-1807) (-)

Ion 84.00 (83.70 to 84.70): VN053873.D (-1807) (-)



#32

1,1,1-Trichloroethane

Concen: 49.106 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

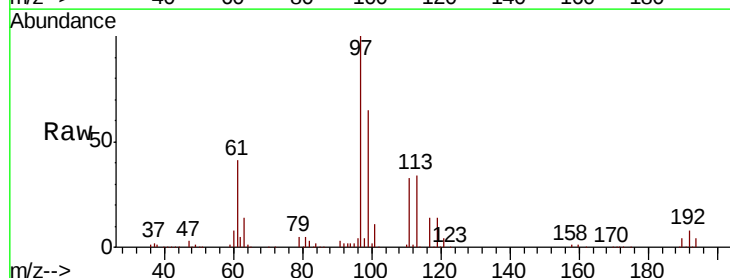
Tgt Ion: 97 Resp: 496115

Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.8

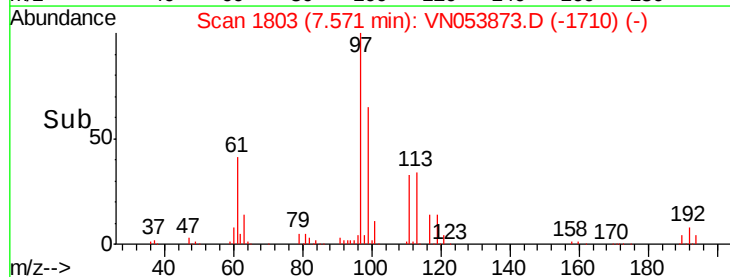
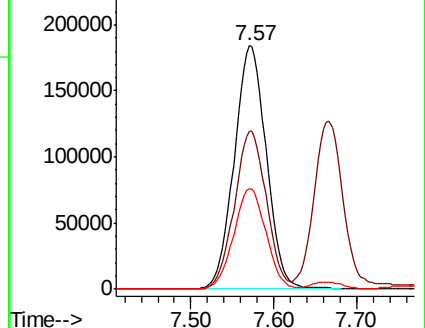
61 41.5 33.2 49.8

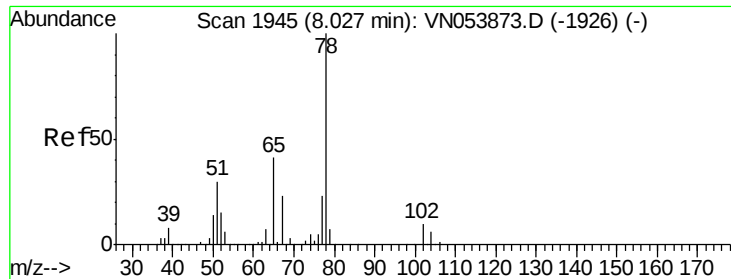


Abundance Ion 96.90 (96.60 to 97.60): VN053873.D (-1781) (-)

Ion 98.90 (98.60 to 99.60): VN053873.D (-1781) (-)

Ion 60.90 (60.60 to 61.60): VN053873.D (-1781) (-)

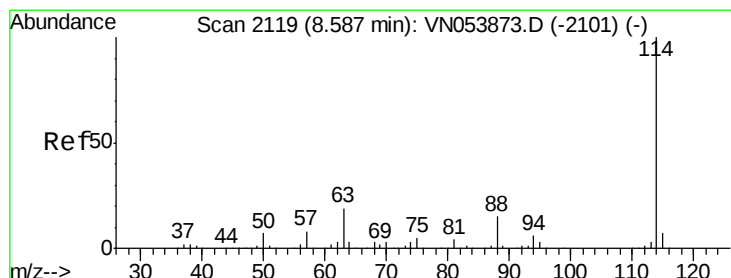
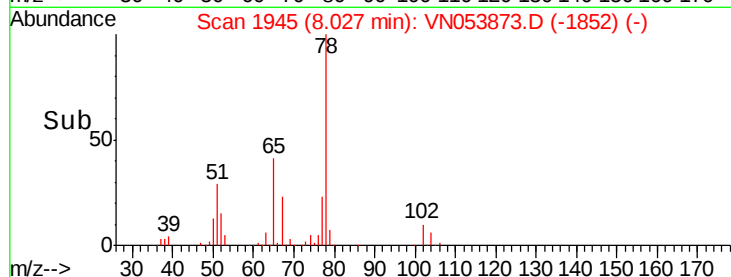
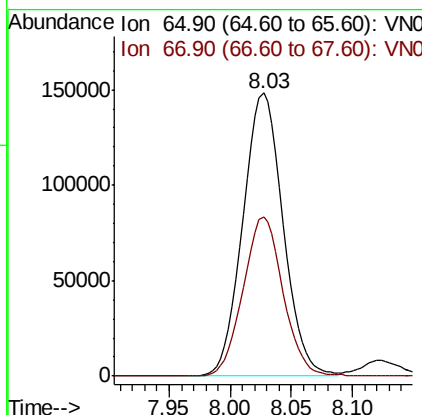
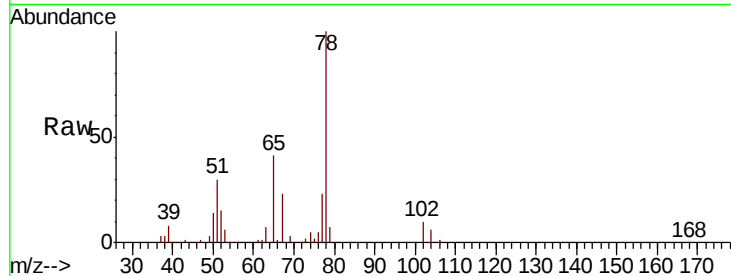




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.963 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

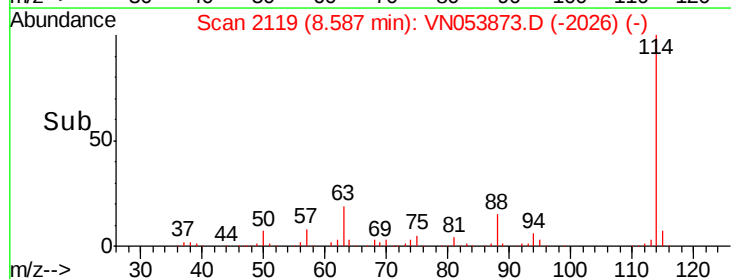
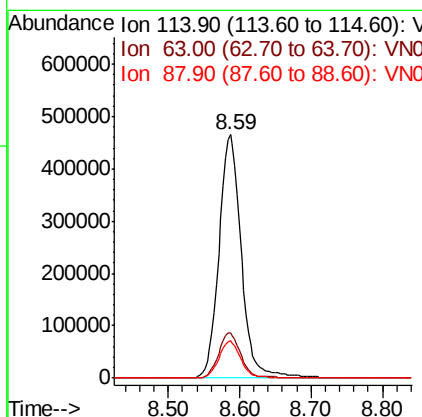
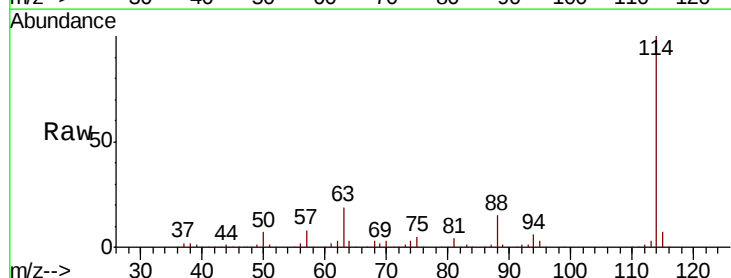
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

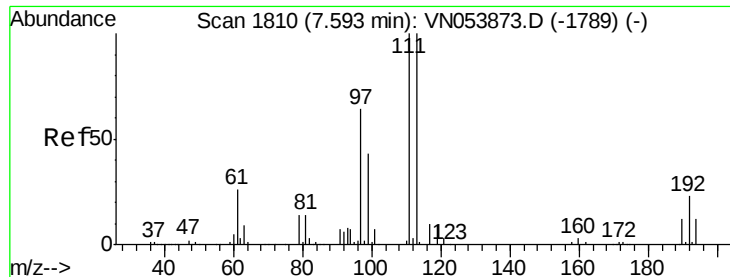
Tgt Ion: 65 Resp: 338513  
 Ion Ratio Lower Upper  
 65 100  
 67 55.9 0.0 111.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

Tgt Ion: 114 Resp: 1010000  
 Ion Ratio Lower Upper  
 114 100  
 63 18.7 0.0 37.4  
 88 15.2 0.0 30.4

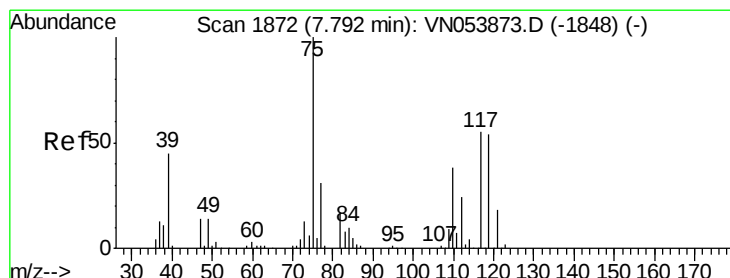
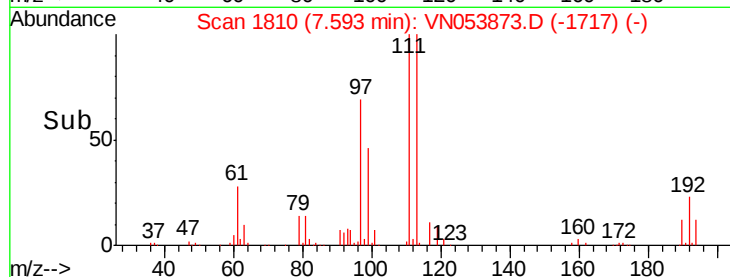
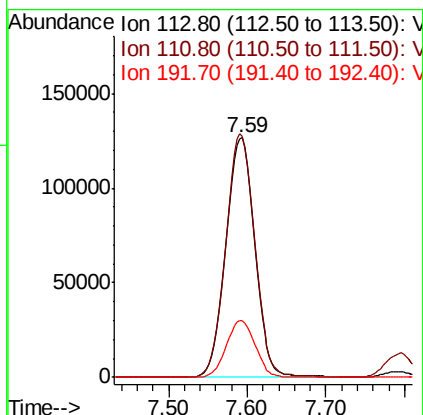
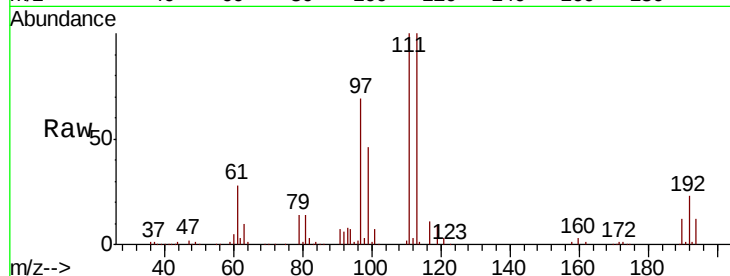




#35  
 Dibromofluoromethane  
 Concen: 48.929 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

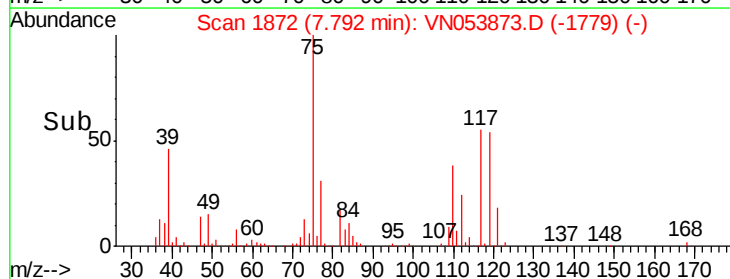
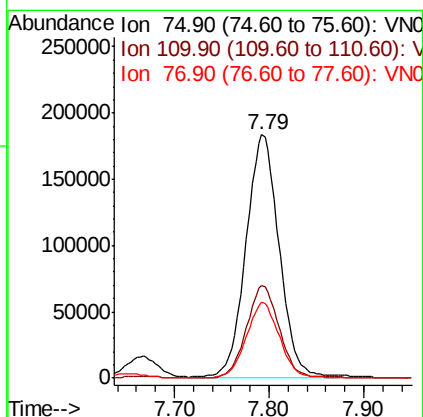
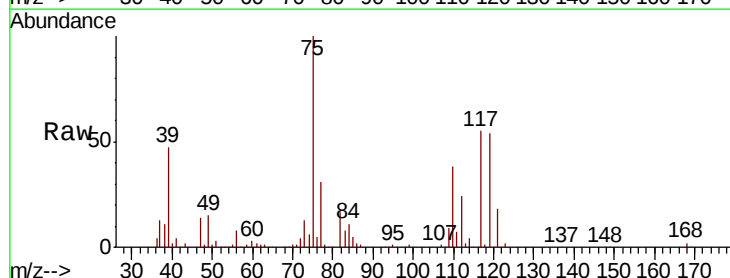
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

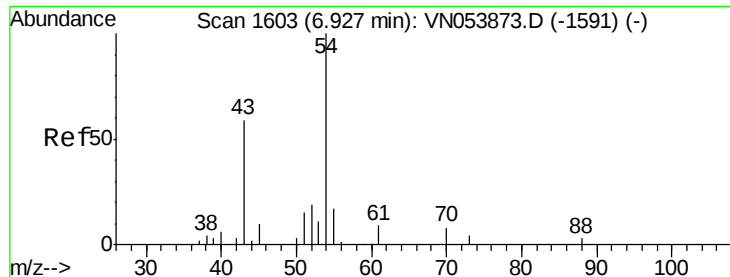
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.4 | 81.1  | 121.7 |
| 192     | 23.5  | 18.8  | 28.2  |



#36  
 1,1-Dichloropropene  
 Concen: 47.901 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 38.0  | 19.0  | 57.0  |
| 77      | 31.7  | 25.4  | 38.0  |

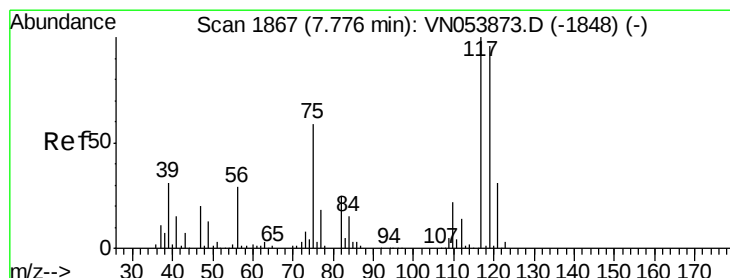
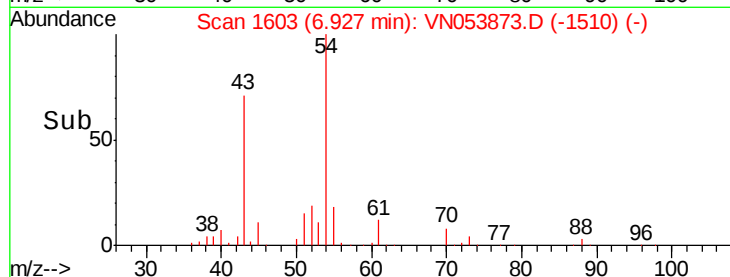
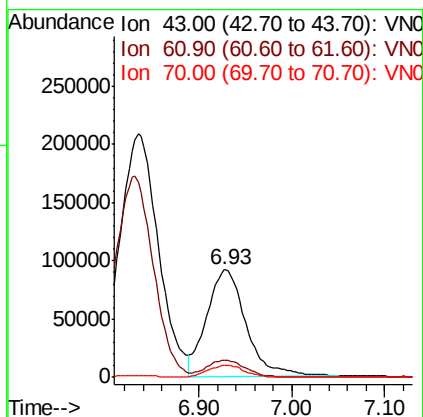
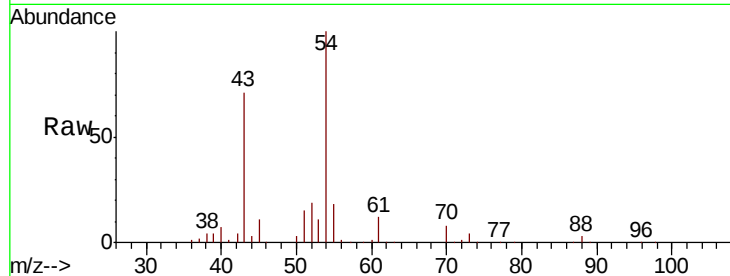




#37  
Ethyl Acetate  
Concen: 52.060 ug/l  
RT: 6.93 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

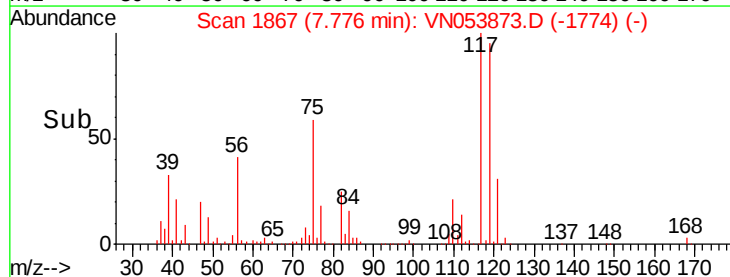
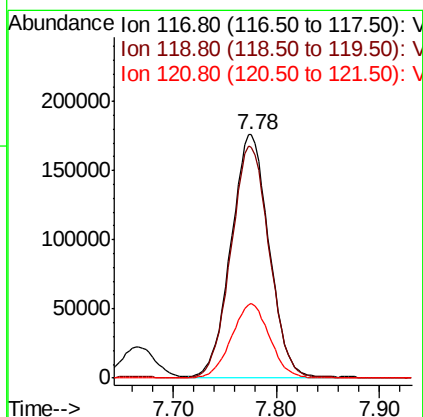
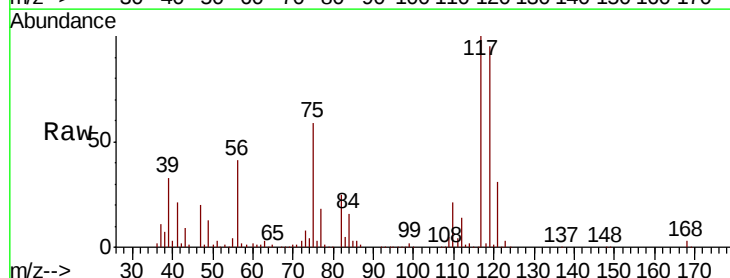
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

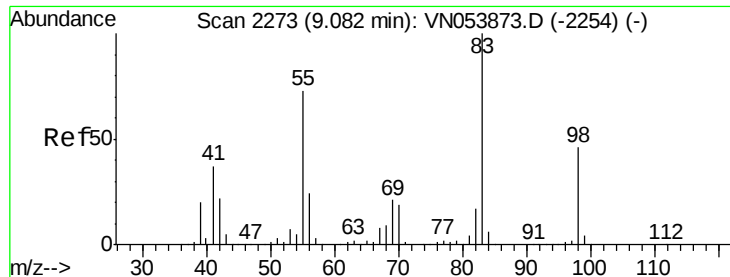
Tgt Ion: 43 Resp: 265986  
Ion Ratio Lower Upper  
43 100  
61 15.0 12.0 18.0  
70 10.9 8.7 13.1



#38  
Carbon Tetrachloride  
Concen: 45.278 ug/l  
RT: 7.78 min Scan# 1867  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

Tgt Ion: 117 Resp: 448030  
Ion Ratio Lower Upper  
117 100  
119 95.2 76.2 114.2  
121 30.7 24.6 36.8

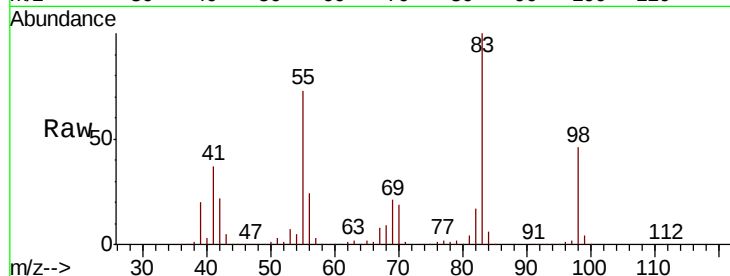




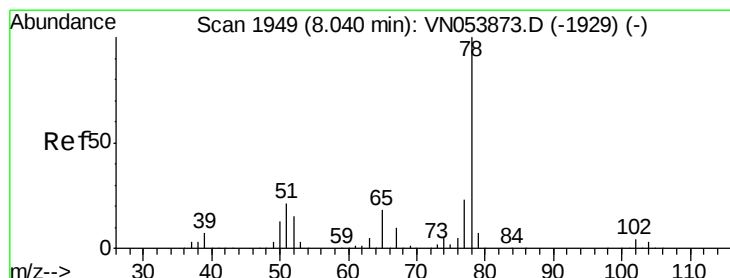
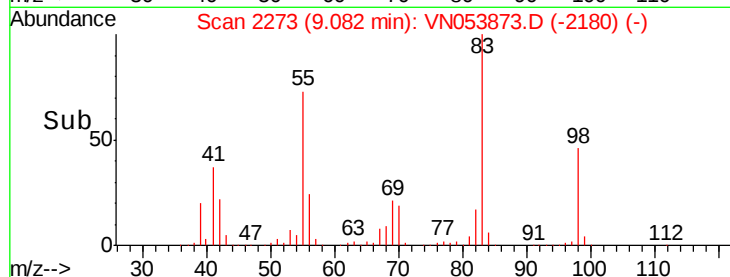
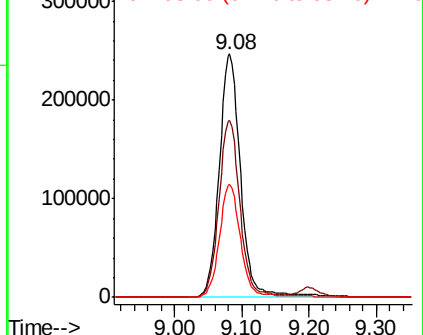
#39  
Methylcyclohexane  
Concen: 51.411 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 83 Resp: 548435  
Ion Ratio Lower Upper  
83 100  
55 72.8 58.2 87.4  
98 46.5 37.2 55.8

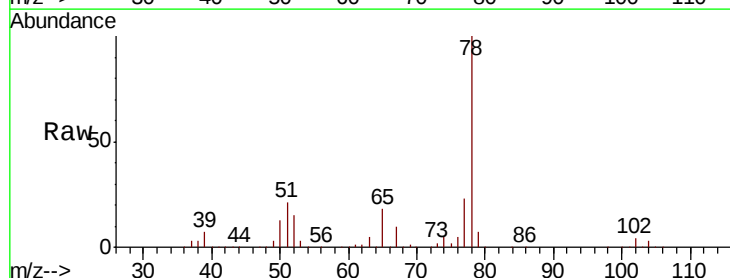


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

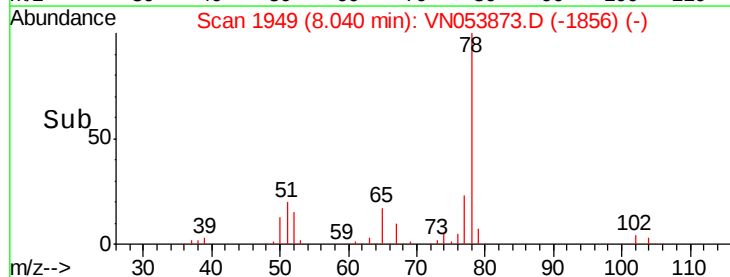
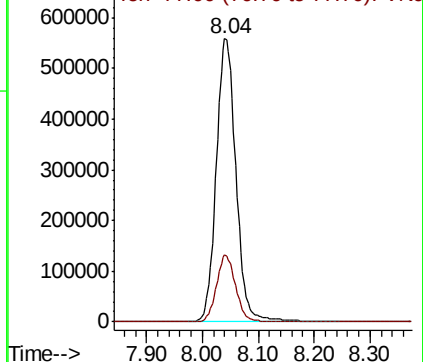


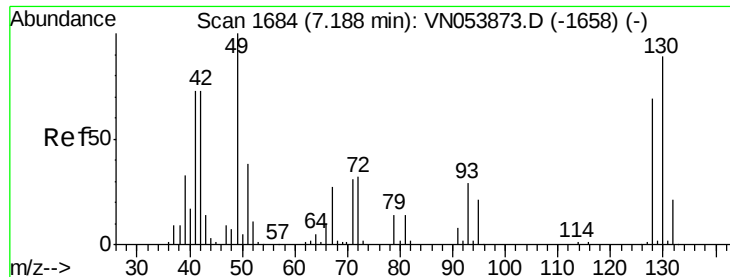
#40  
Benzene  
Concen: 50.066 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

Tgt Ion: 78 Resp: 1370255  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.8 28.2



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

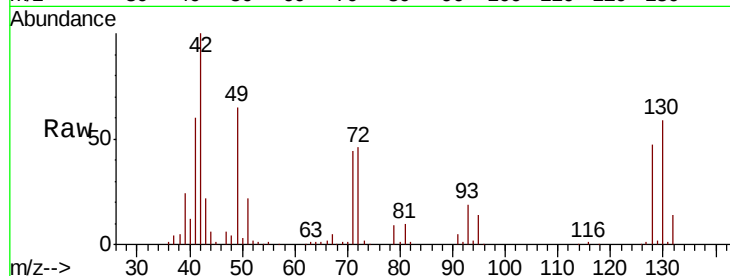




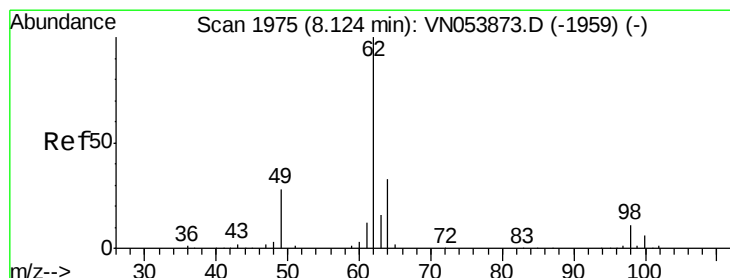
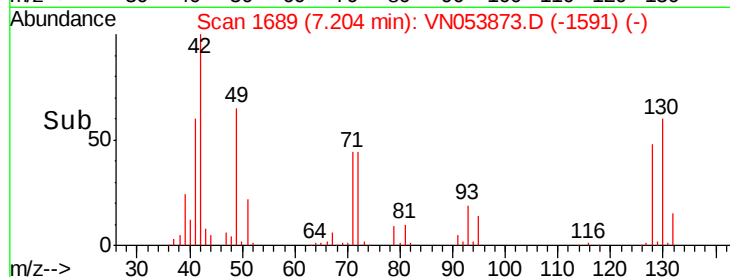
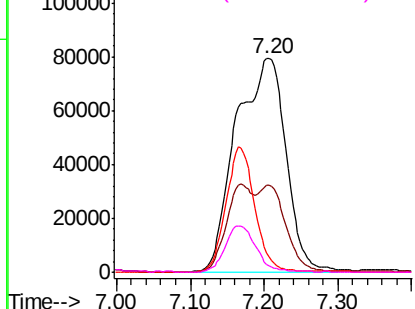
#41  
Methacrylonitrile  
Concen: 113.718 ug/l  
RT: 7.20 min Scan# 1689  
Delta R.T. 0.02 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 370914 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 0.0   | 0.0   | 0.0    |
| 67       | 0.0   | 0.0   | 0.0    |
| 52       | 0.0   | 0.0   | 0.0    |

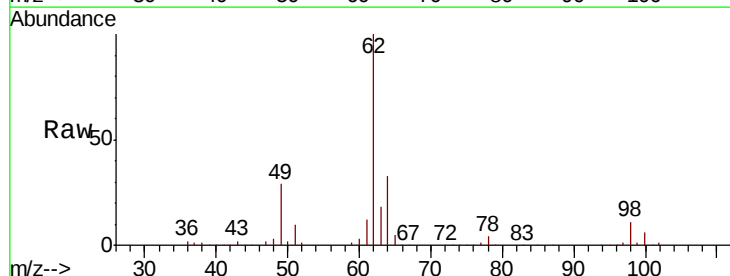


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

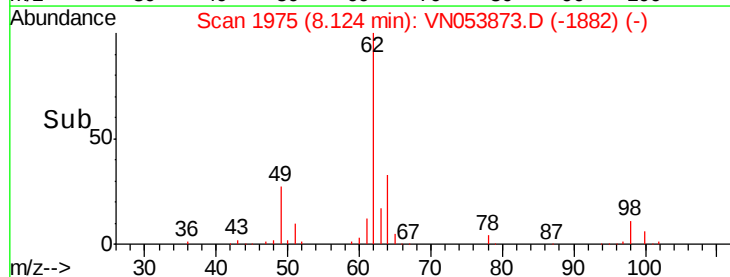
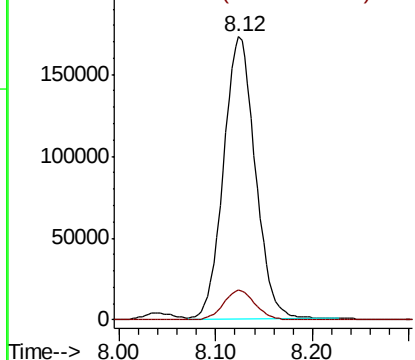


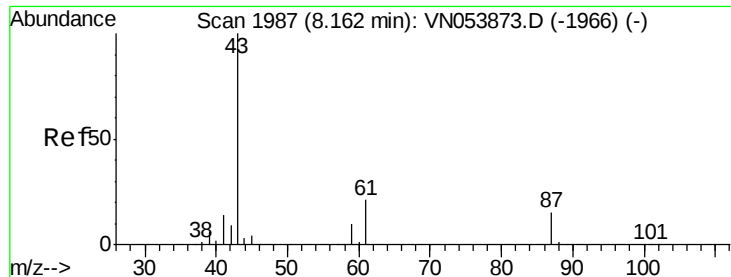
#42  
1,2-Dichloroethane  
Concen: 48.375 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 394698 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.4  | 0.0   | 20.8   |



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

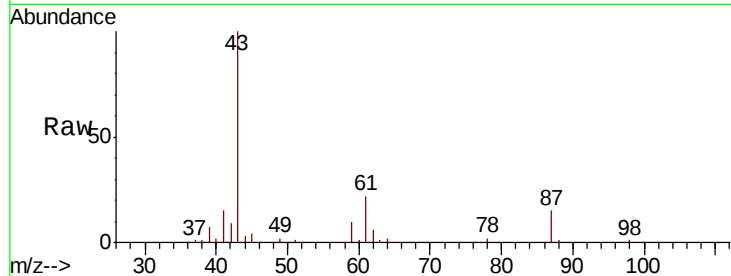




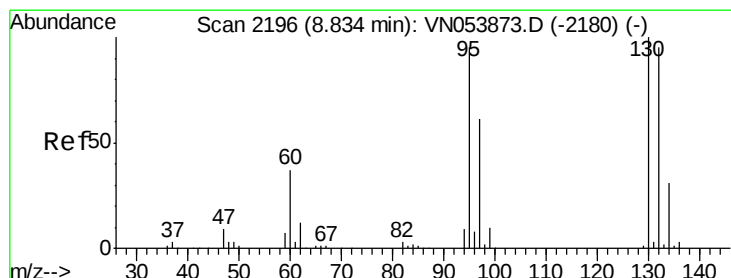
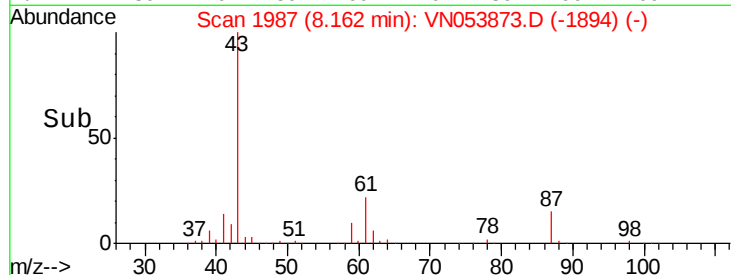
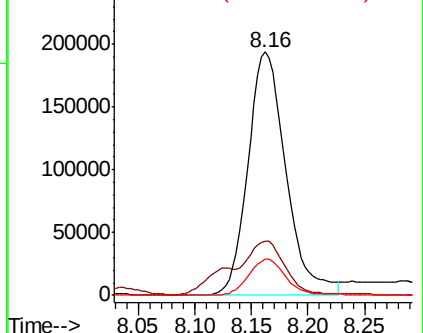
#43  
Isopropyl Acetate  
Concen: 45.920 ug/l  
RT: 8.16 min Scan# 1987  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 43 Resp: 453458  
Ion Ratio Lower Upper  
43 100  
61 21.7 17.4 26.0  
87 14.4 11.5 17.3

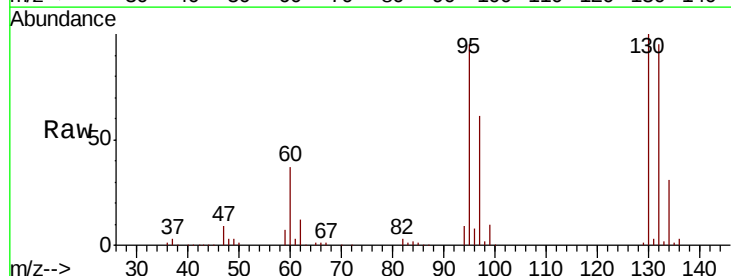


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 61.00 (60.70 to 61.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0

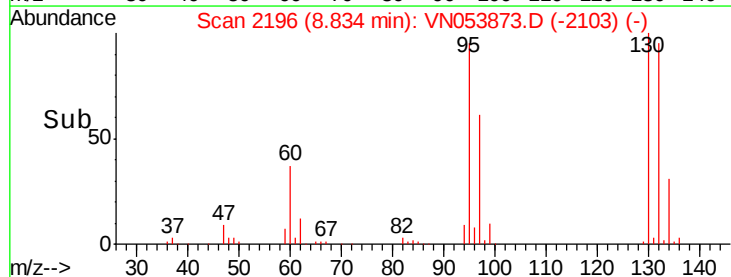
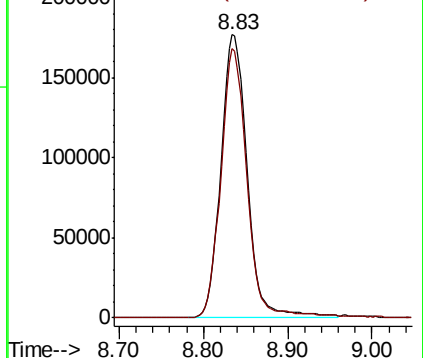


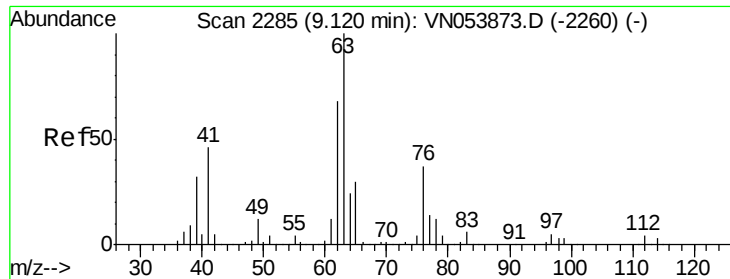
#44  
Trichloroethene  
Concen: 50.269 ug/l  
RT: 8.83 min Scan# 2196  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

Tgt Ion:130 Resp: 385135  
Ion Ratio Lower Upper  
130 100  
95 95.0 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VN0

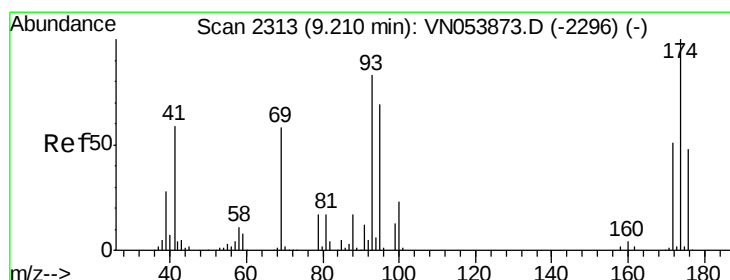
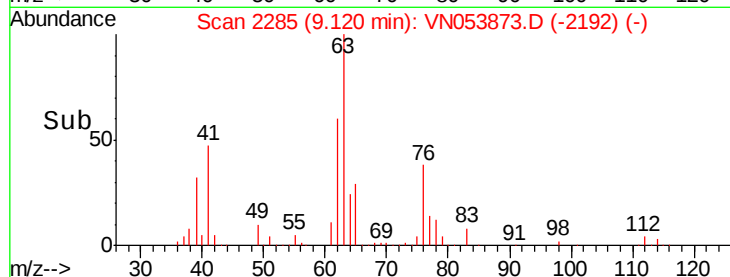
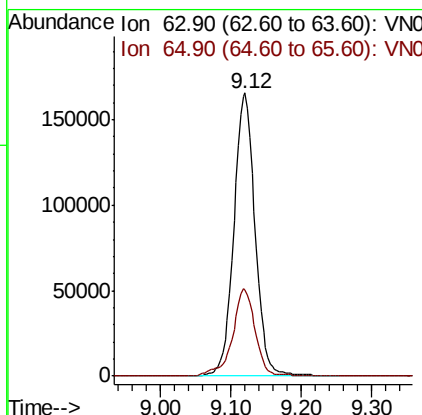
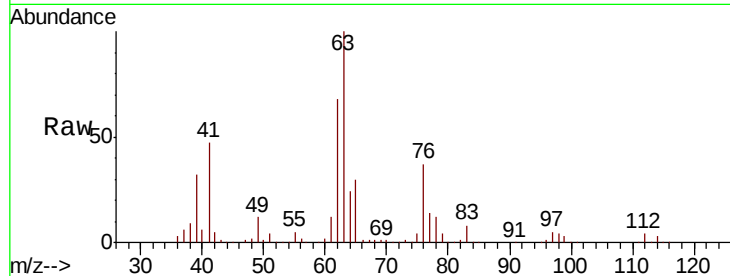




#45  
 1,2-Dichloropropane  
 Concen: 50.068 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

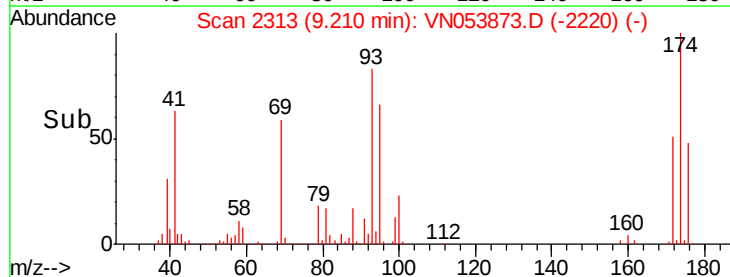
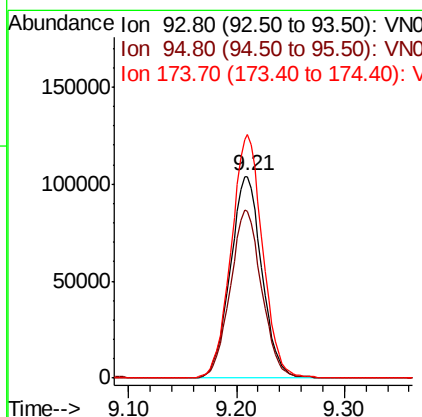
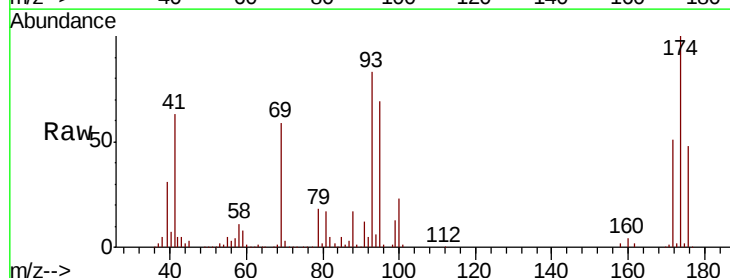
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

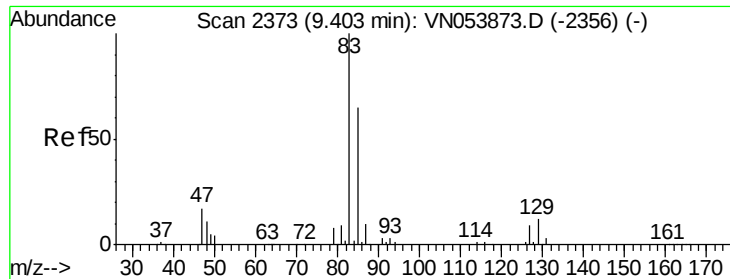
Tgt Ion: 63 Resp: 349841  
 Ion Ratio Lower Upper  
 63 100  
 65 30.4 24.3 36.5



#46  
 Dibromomethane  
 Concen: 50.343 ug/l  
 RT: 9.21 min Scan# 2313  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

Tgt Ion: 93 Resp: 211804  
 Ion Ratio Lower Upper  
 93 100  
 95 83.3 66.6 100.0  
 174 120.3 96.2 144.4





#47

Bromodichloromethane

Concen: 50.735 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

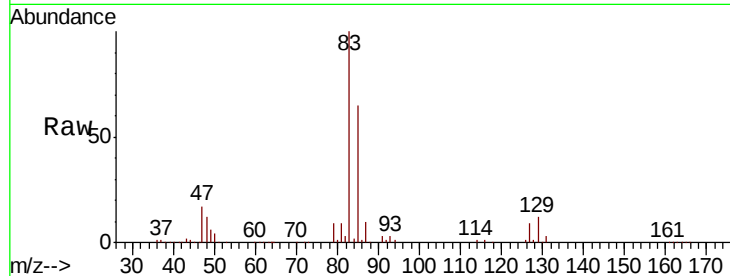
Tgt Ion: 83 Resp: 450296

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

127 9.2 7.4 11.0

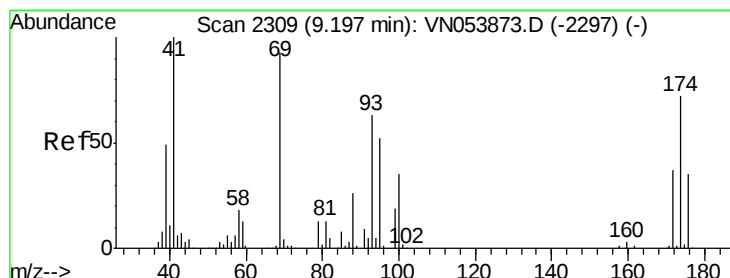
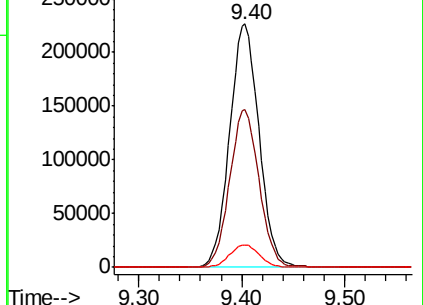
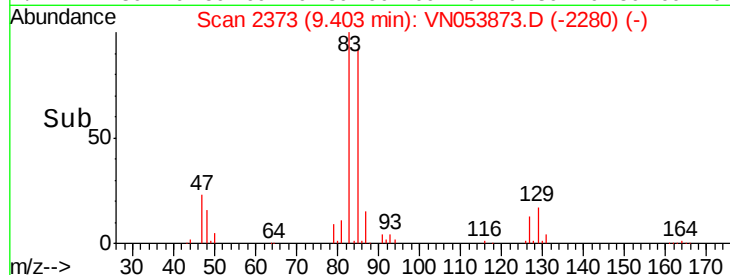


Abundance Ion 82.90 (82.60 to 83.60): VN053873.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN053873.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN053873.D (-2356) (-)

Time-->



#48

Methyl methacrylate

Concen: 48.062 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

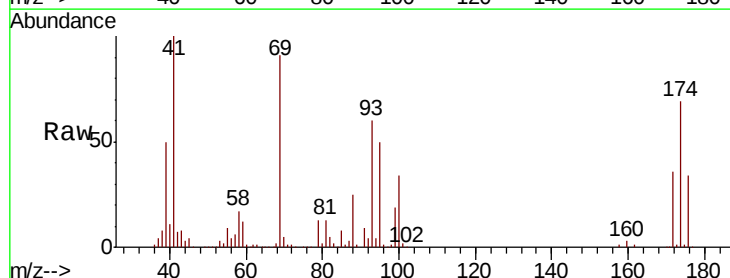
Tgt Ion: 41 Resp: 218224

Ion Ratio Lower Upper

41 100

69 101.5 74.8 112.2

39 53.0 39.0 58.6

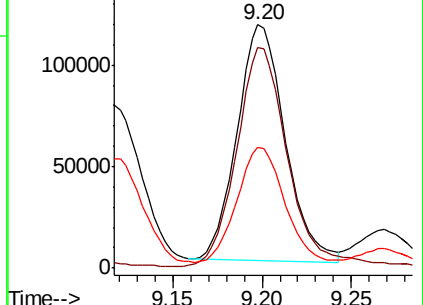
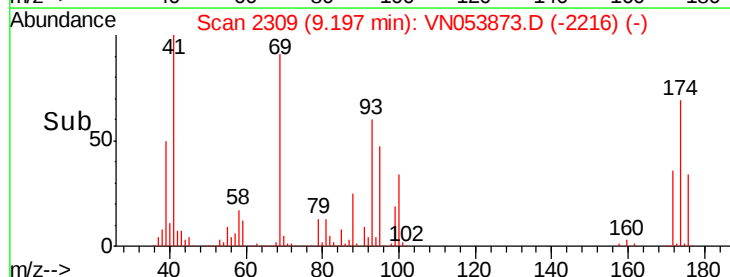


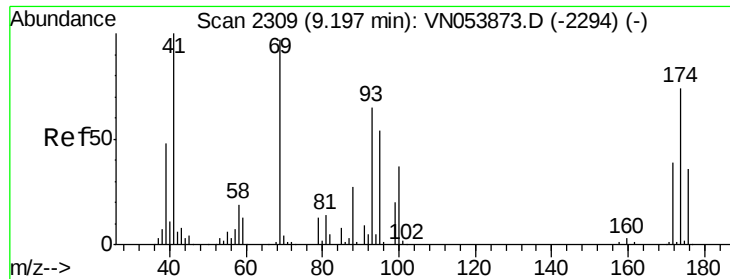
Abundance Ion 41.00 (40.70 to 41.70): VN053873.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN053873.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN053873.D (-2297) (-)

Time-->





#49

1,4-Dioxane

Concen: 1023.882 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

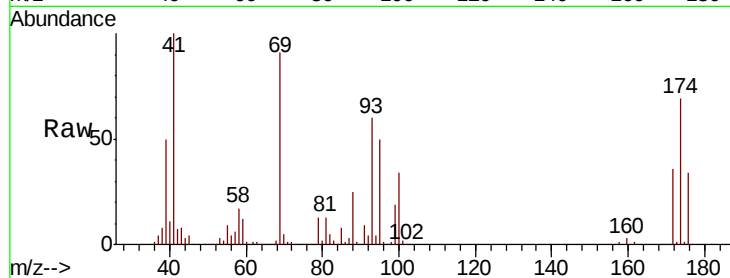
Tgt Ion: 88 Resp: 64114

Ion Ratio Lower Upper

88 100

43 26.5 21.2 31.8

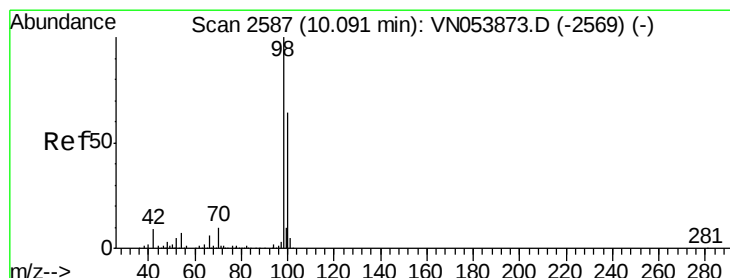
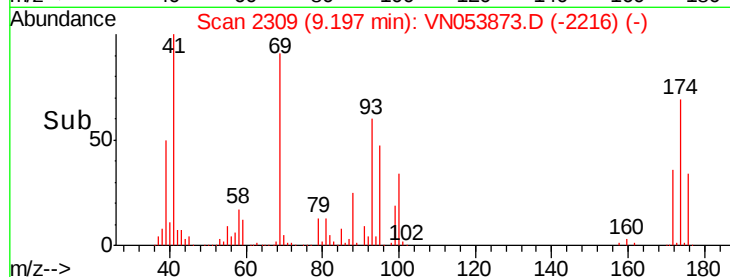
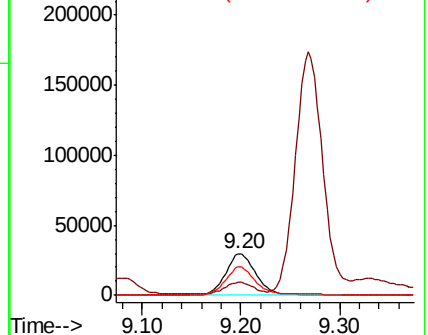
58 67.7 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VN053873.D (-2294) (-)

Ion 43.00 (42.70 to 43.70): VN053873.D (-2294) (-)

Ion 58.00 (57.70 to 58.70): VN053873.D (-2294) (-)



#50

Toluene-d8

Concen: 52.814 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053873.D

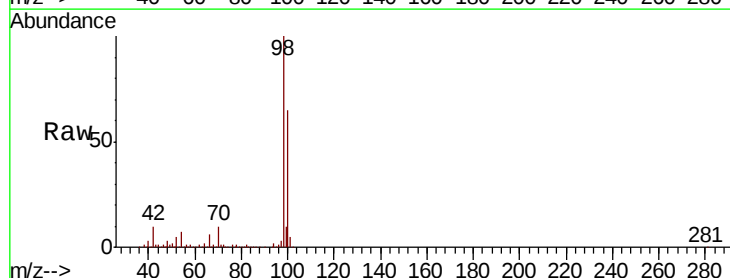
Acq: 20 Feb 2019 9:51

Tgt Ion: 98 Resp: 1264383

Ion Ratio Lower Upper

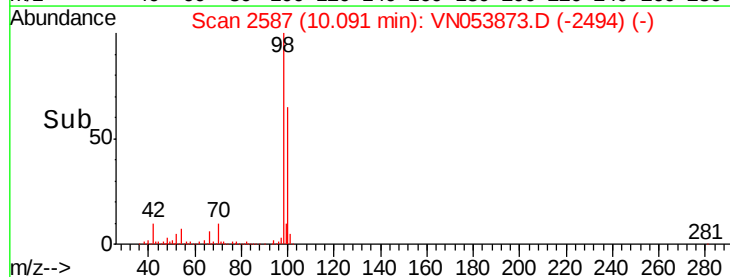
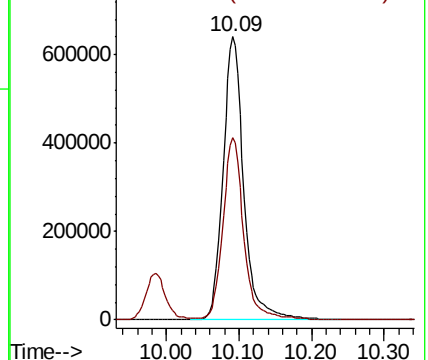
98 100

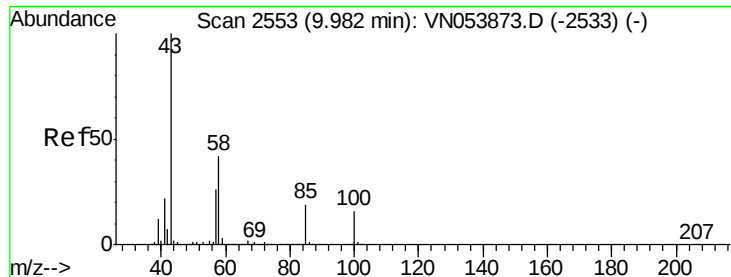
100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053873.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN053873.D (-2569) (-)

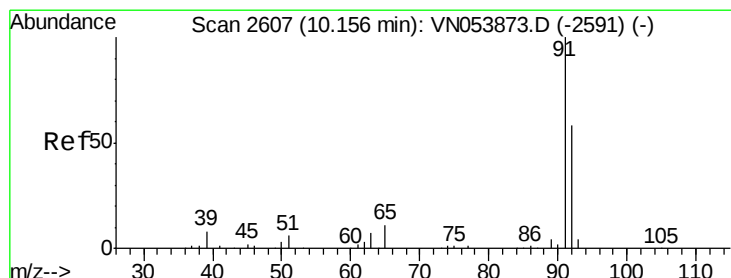
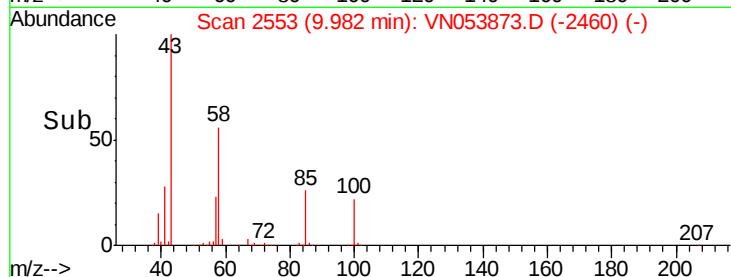
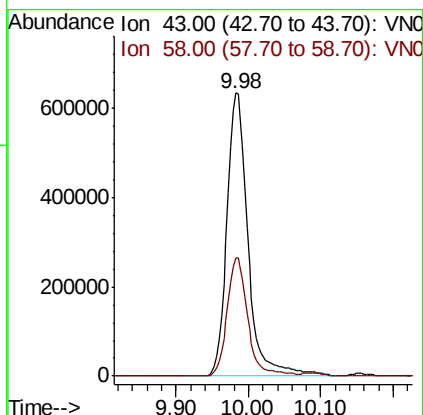
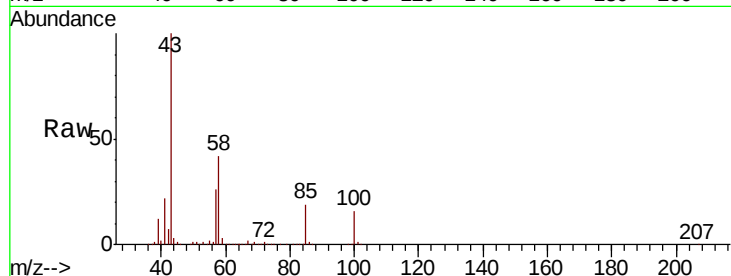




#51  
 4-Methyl-2-Pentanone  
 Concen: 279.809 ug/l  
 RT: 9.98 min Scan# 2553  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

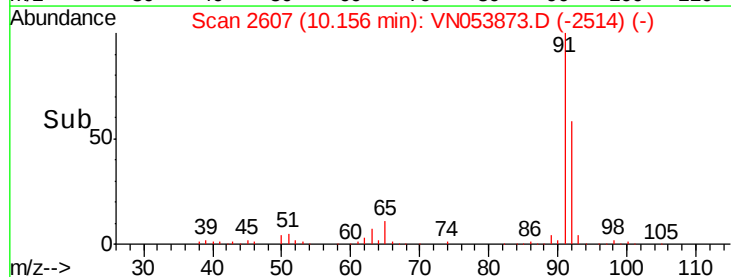
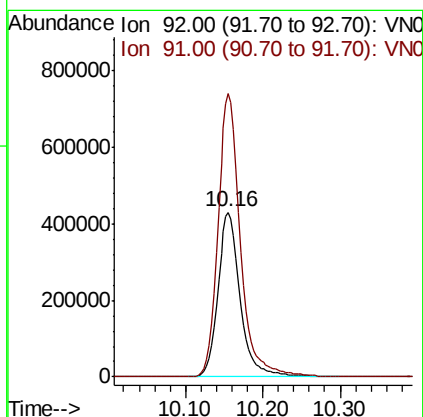
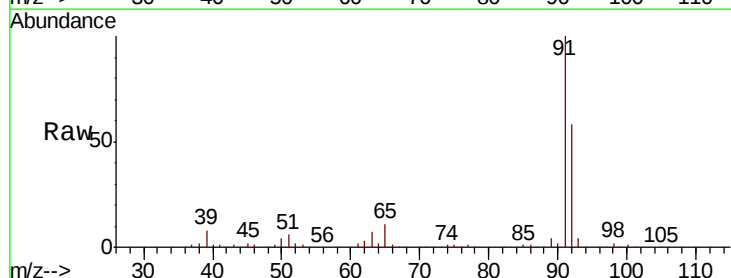
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

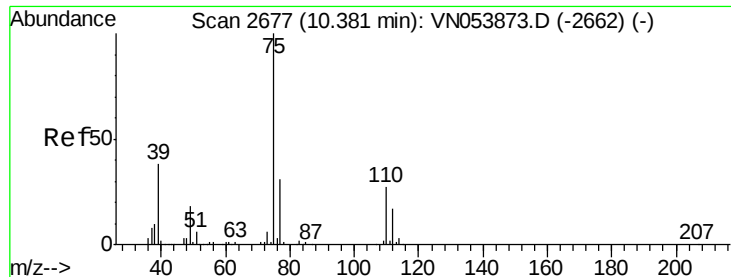
Tgt Ion: 43 Resp: 1284455  
 Ion Ratio Lower Upper  
 43 100  
 58 40.9 32.7 49.1



#52  
 Toluene  
 Concen: 53.454 ug/l  
 RT: 10.16 min Scan# 2607  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

Tgt Ion: 92 Resp: 866955  
 Ion Ratio Lower Upper  
 92 100  
 91 173.0 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 53.818 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

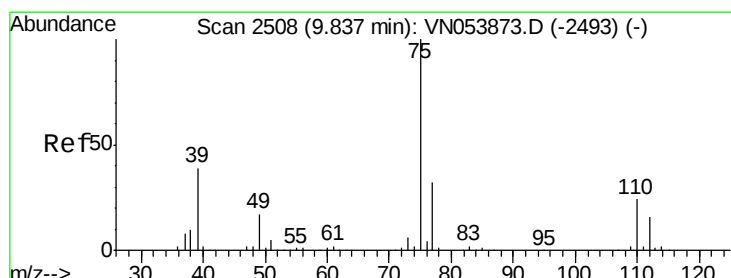
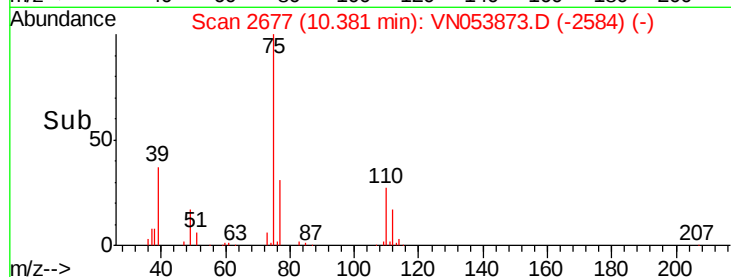
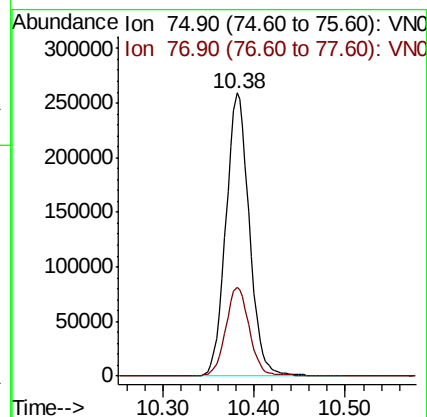
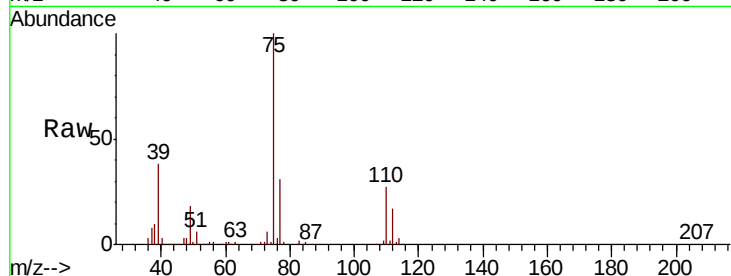
VSTDICCC050

Tgt Ion: 75 Resp: 463829

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 55.949 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

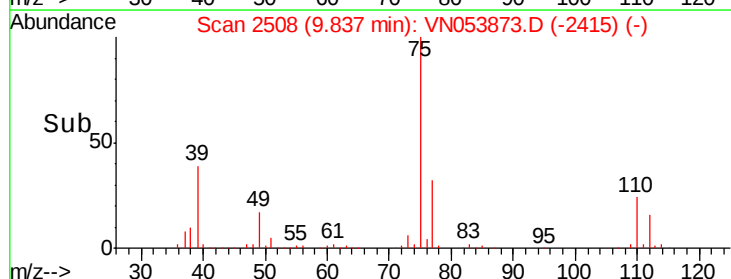
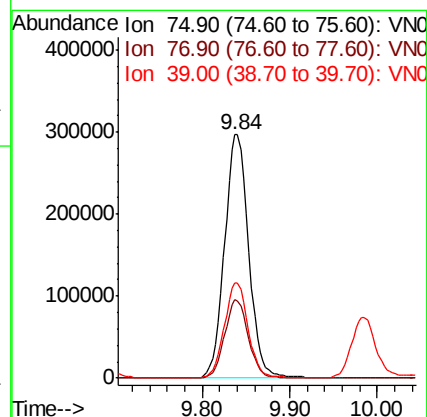
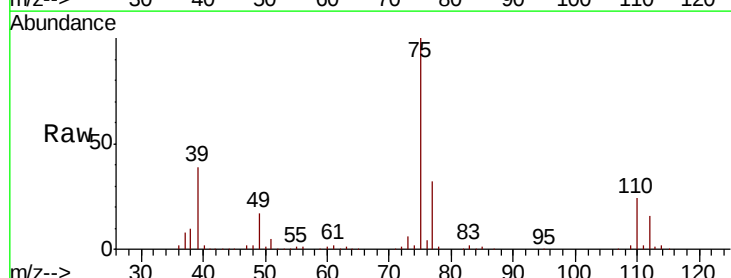
Tgt Ion: 75 Resp: 568342

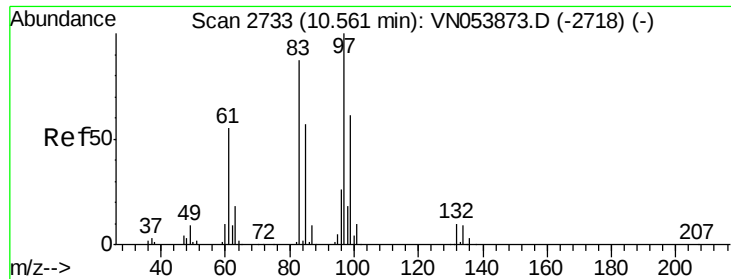
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

39 39.2 31.4 47.0





#55

1,1,2-Trichloroethane

Concen: 52.537 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 311489

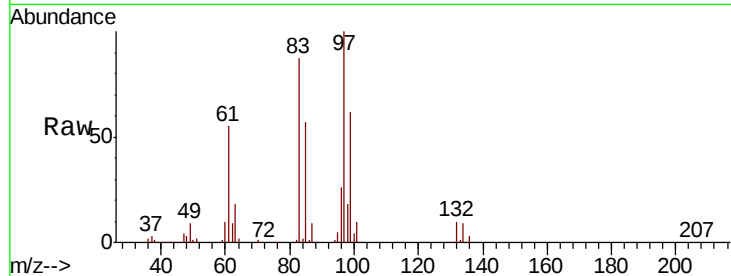
Ion Ratio Lower Upper

97 100

83 86.9 69.5 104.3

85 57.4 45.9 68.9

99 61.4 49.1 73.7

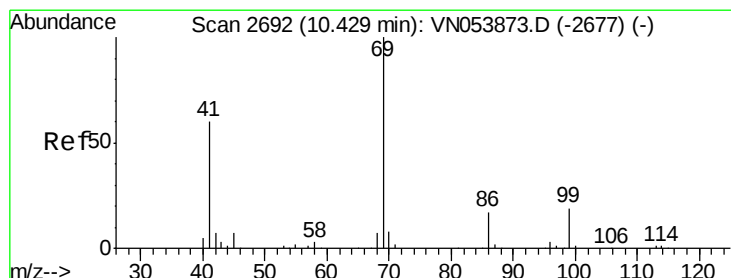
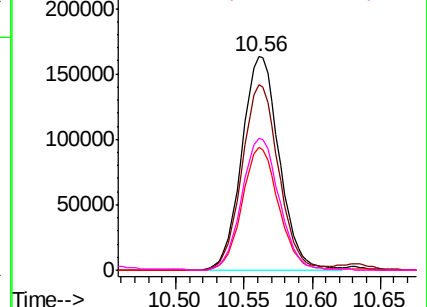
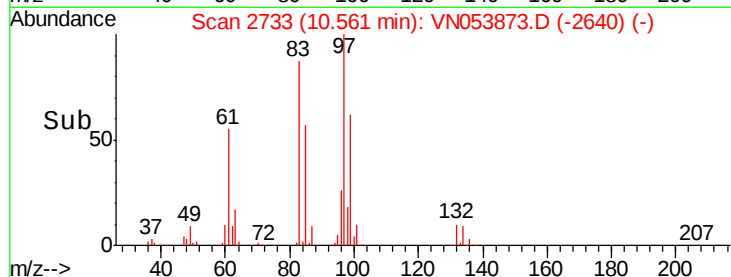


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 56.108 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

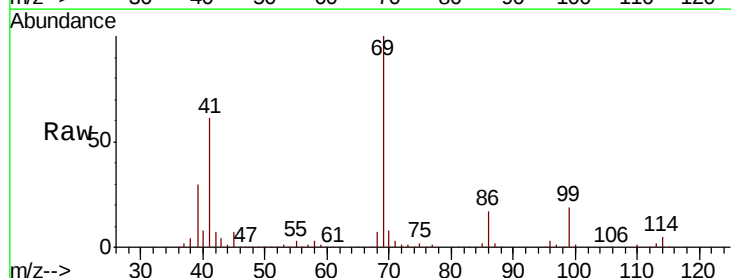
Tgt Ion: 69 Resp: 374518

Ion Ratio Lower Upper

69 100

41 59.4 47.5 71.3

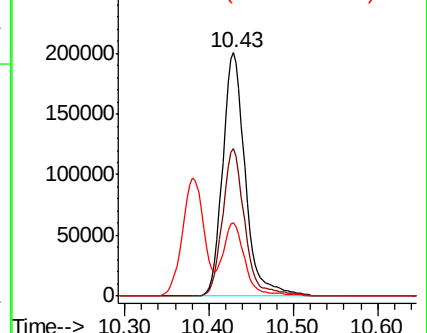
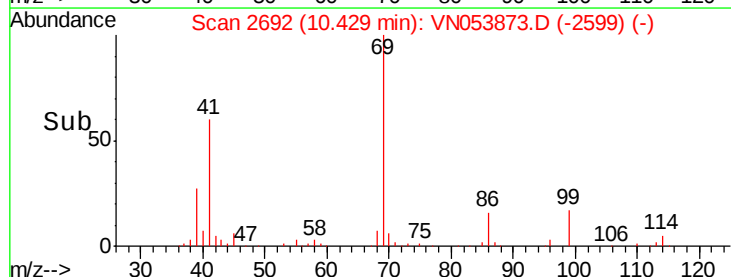
39 29.2 23.4 35.0

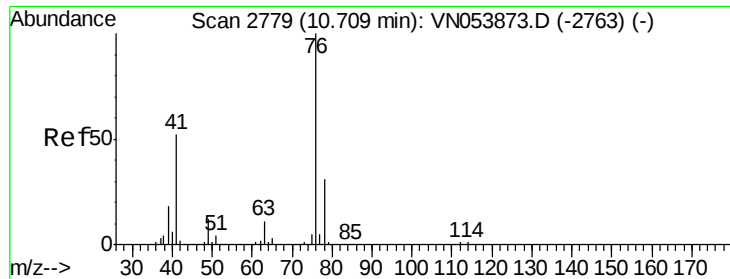


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

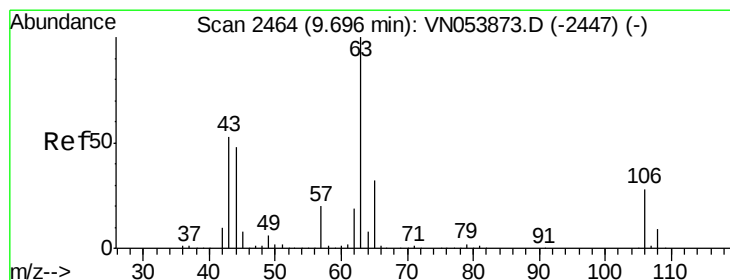
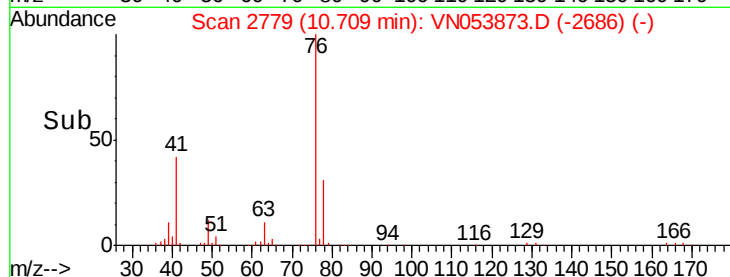
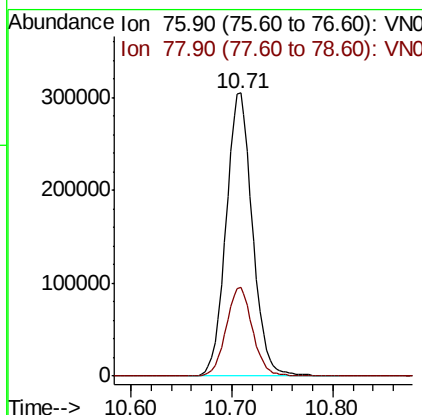
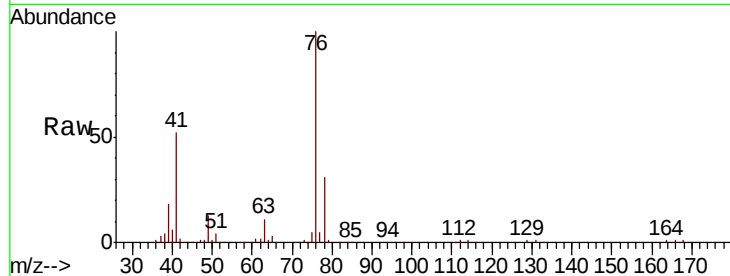




#57  
 1,3-Dichloropropane  
 Concen: 55.727 ug/l  
 RT: 10.71 min Scan# 2779  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

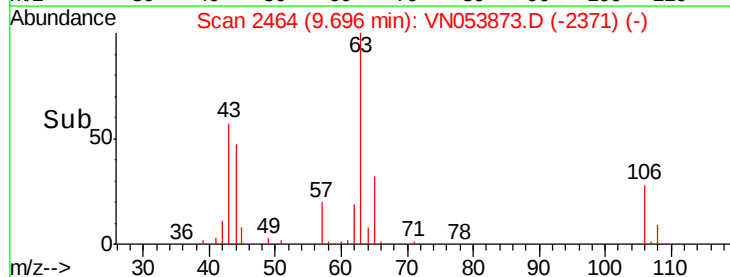
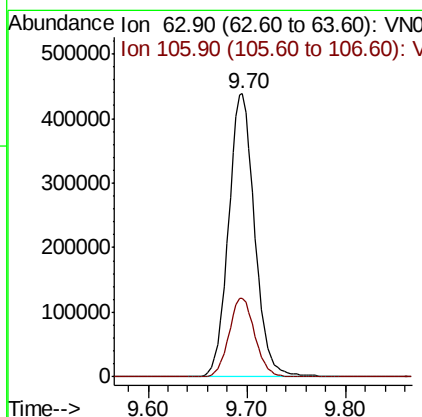
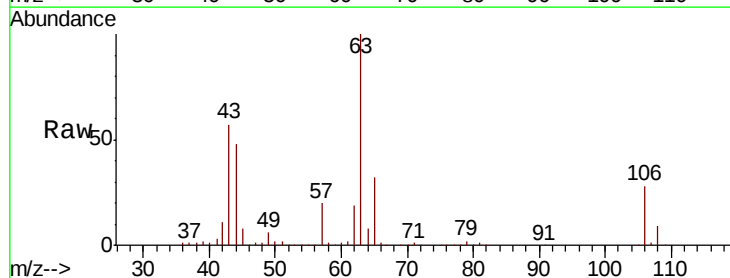
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

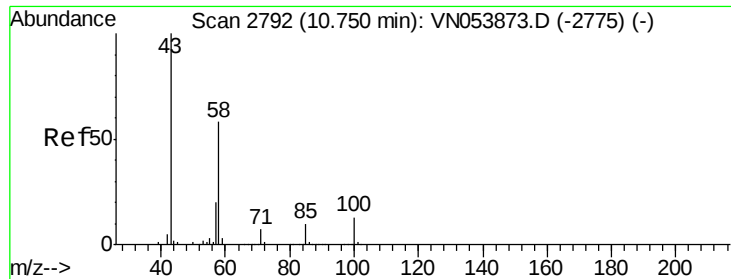
Tgt Ion: 76 Resp: 556317  
 Ion Ratio Lower Upper  
 76 100  
 78 31.5 25.2 37.8



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 276.979 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

Tgt Ion: 63 Resp: 809970  
 Ion Ratio Lower Upper  
 63 100  
 106 27.7 22.2 33.2

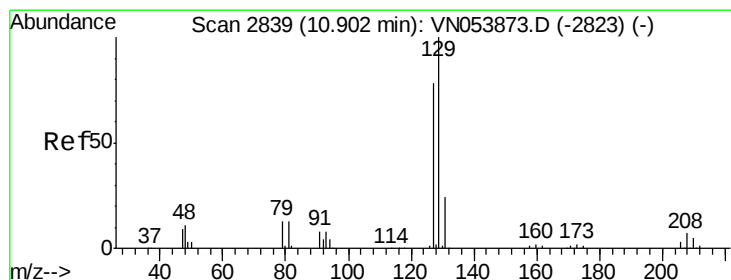
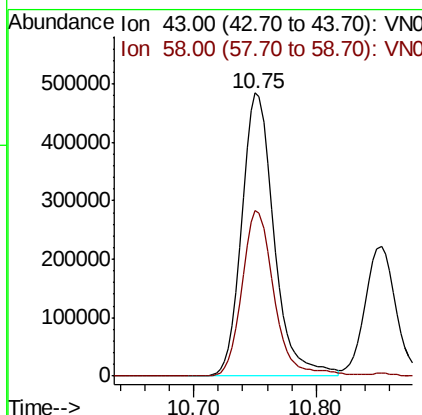
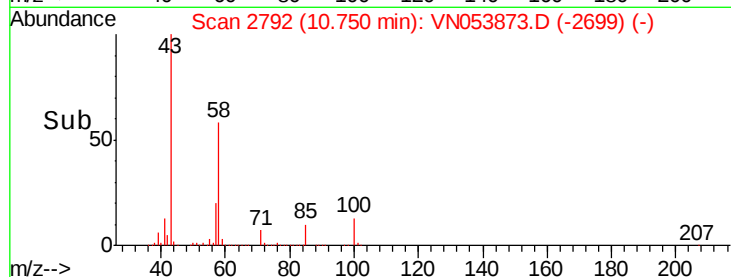
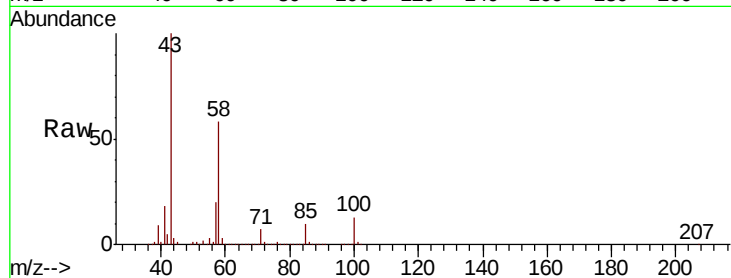




#59  
2-Hexanone  
Concen: 283.975 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

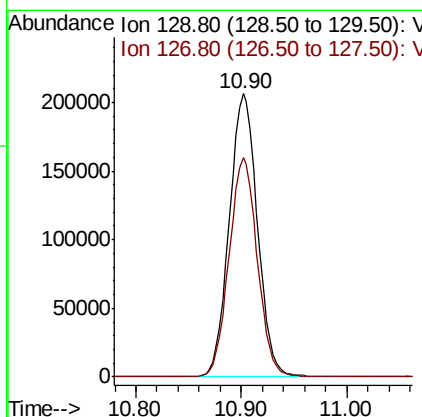
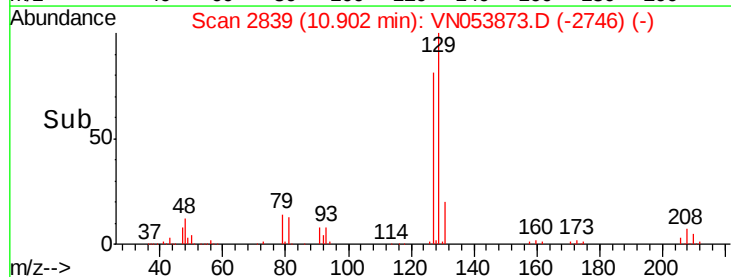
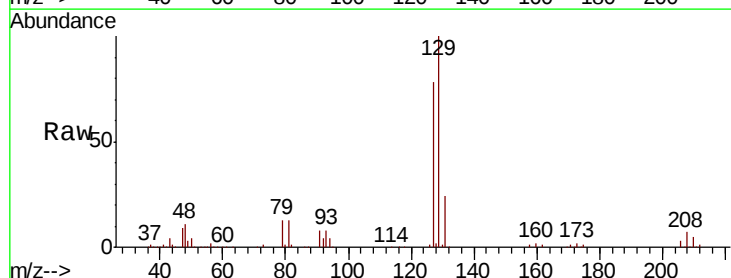
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

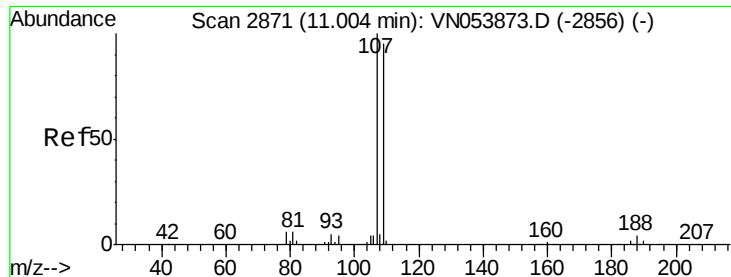
Tgt Ion: 43 Resp: 879793  
Ion Ratio Lower Upper  
43 100  
58 58.3 29.1 87.4



#60  
Dibromochloromethane  
Concen: 55.024 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

Tgt Ion: 129 Resp: 380795  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.8 116.3

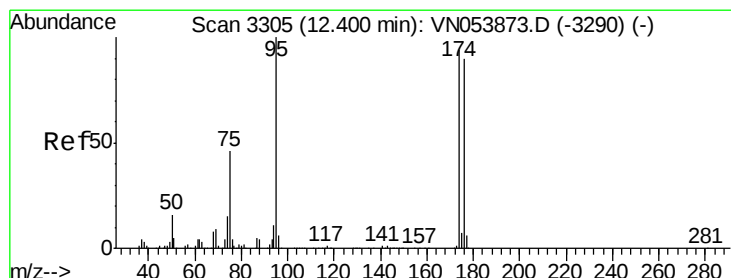
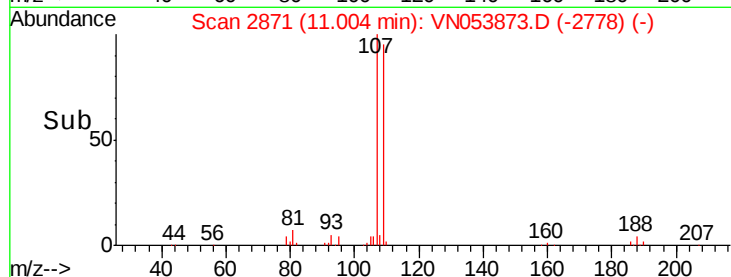
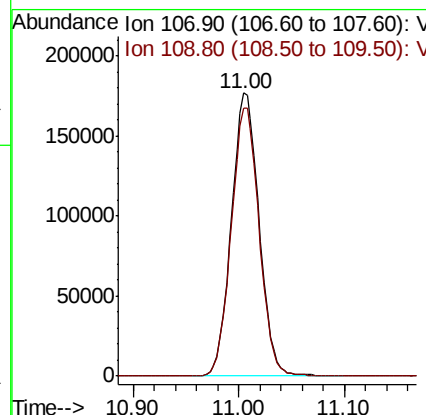
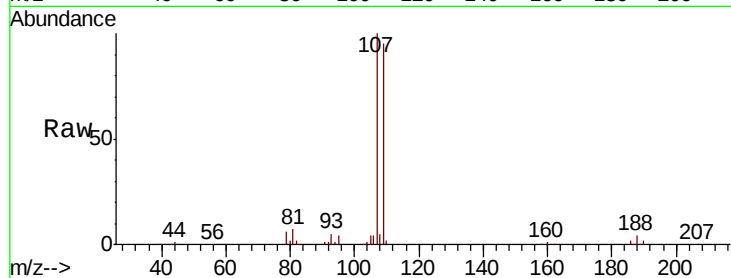




#61  
1,2-Dibromoethane  
Concen: 54.407 ug/l  
RT: 11.00 min Scan# 2871  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

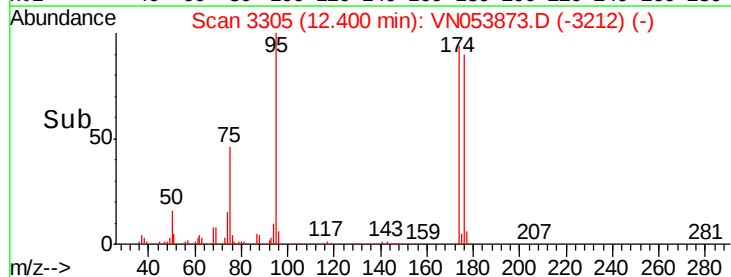
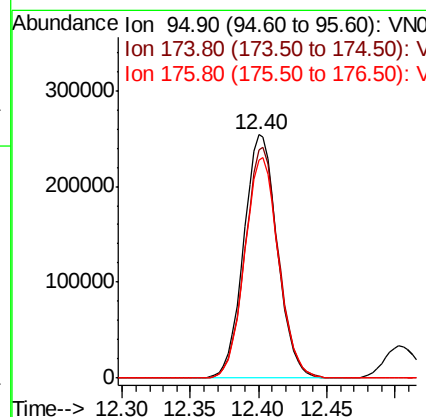
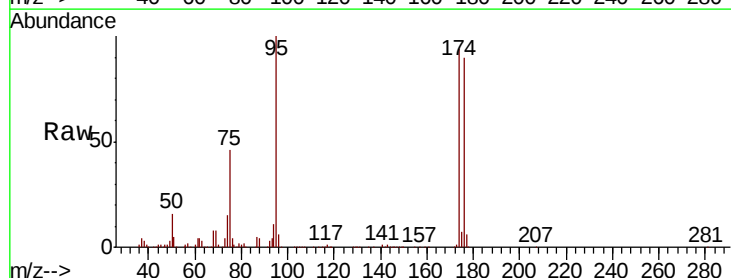
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

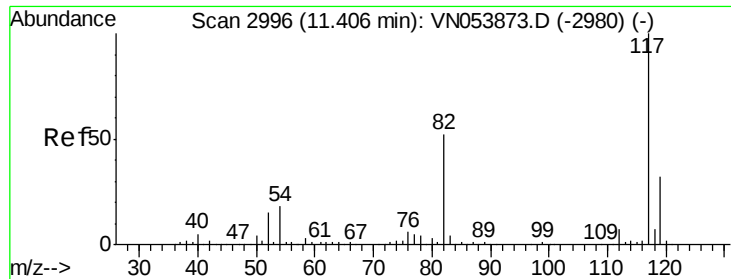
Tgt Ion: 107 Resp: 320474  
Ion Ratio Lower Upper  
107 100  
109 95.4 76.3 114.5



#62  
4-Bromofluorobenzene  
Concen: 54.921 ug/l  
RT: 12.40 min Scan# 3305  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

Tgt Ion: 95 Resp: 434080  
Ion Ratio Lower Upper  
95 100  
174 94.4 0.0 188.8  
176 91.3 0.0 182.6

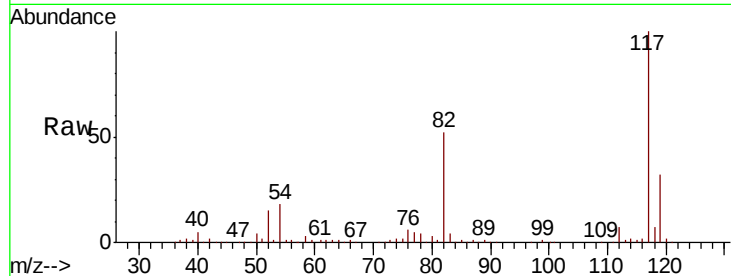




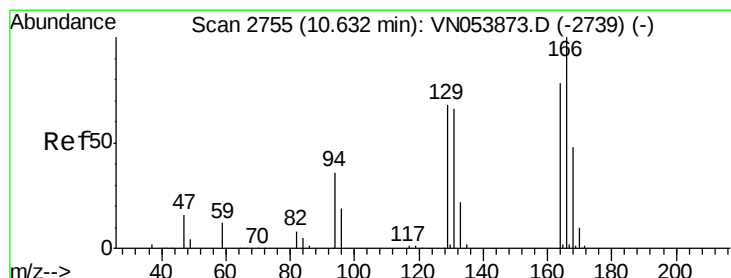
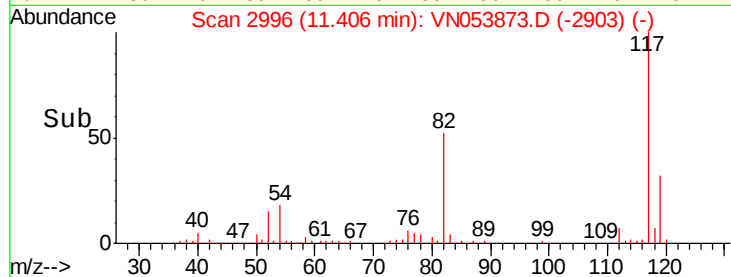
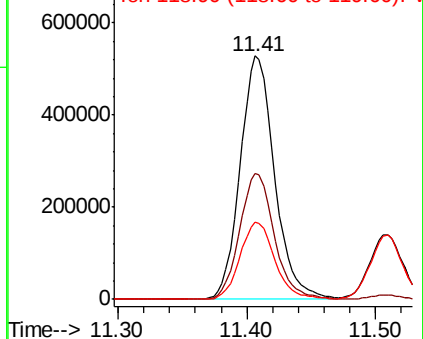
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion:117 Resp: 982566  
Ion Ratio Lower Upper  
117 100  
82 51.8 41.4 62.2  
119 31.6 25.3 37.9

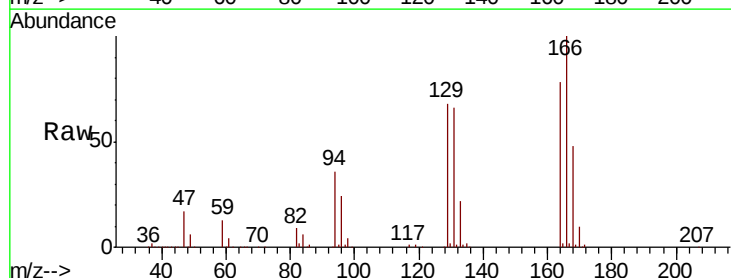


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

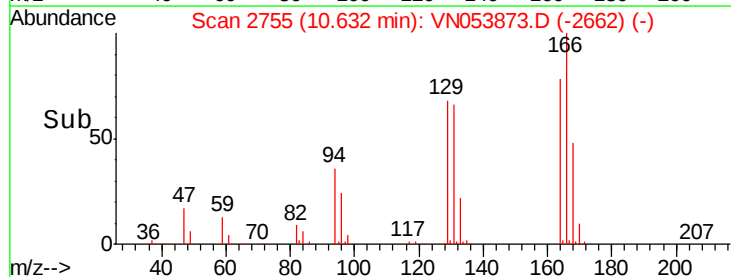
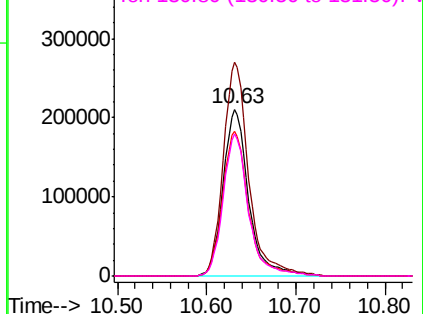


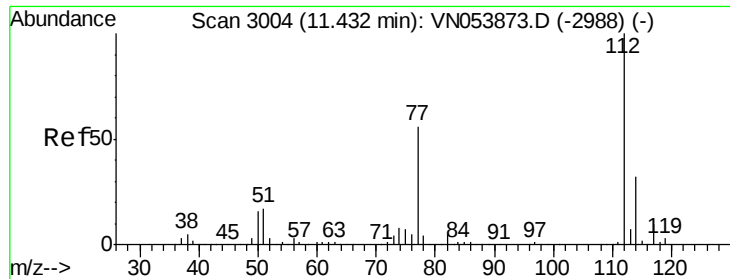
#64  
Tetrachloroethene  
Concen: 47.617 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

Tgt Ion:164 Resp: 418372  
Ion Ratio Lower Upper  
164 100  
166 128.2 102.6 153.8  
129 86.7 69.4 104.0  
131 85.1 68.1 102.1



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

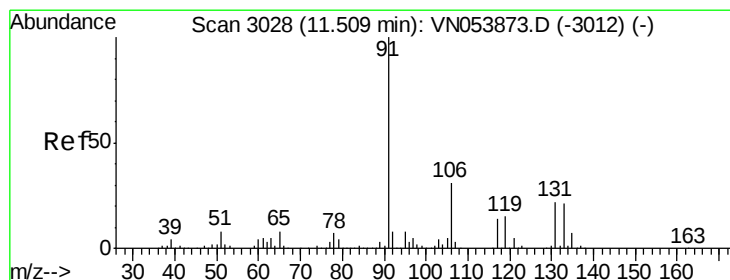
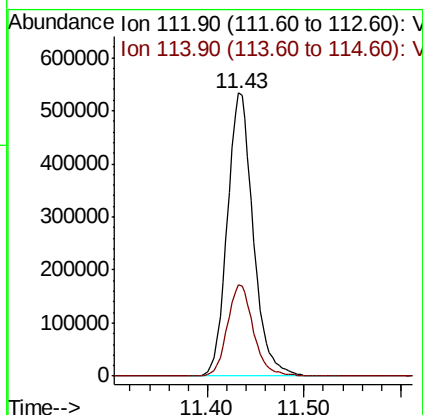
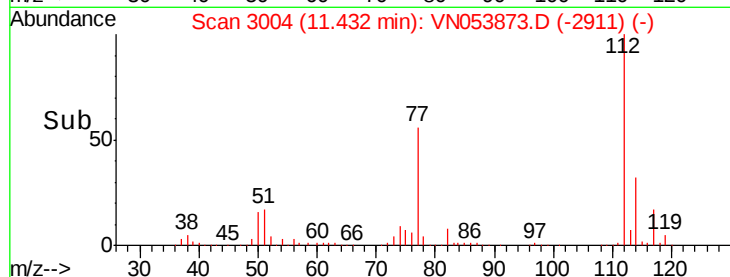
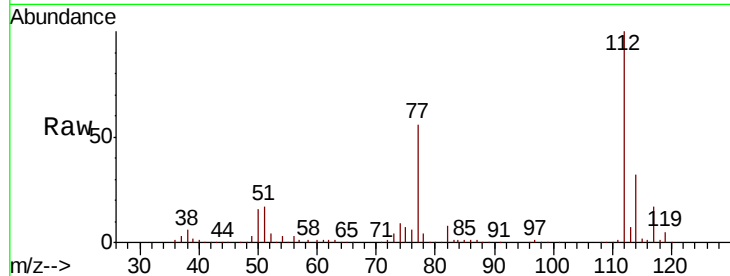




#65  
Chlorobenzene  
Concen: 48.173 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

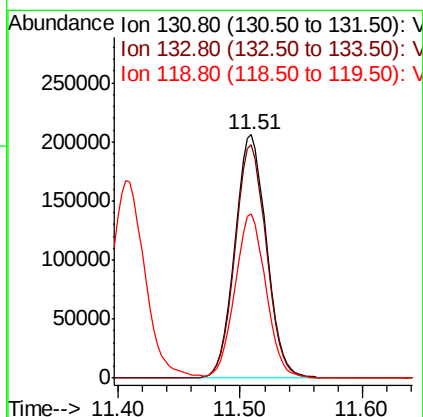
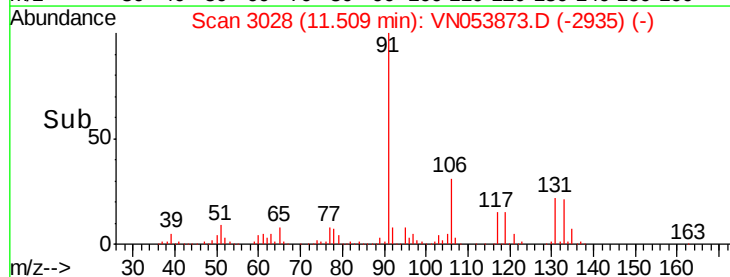
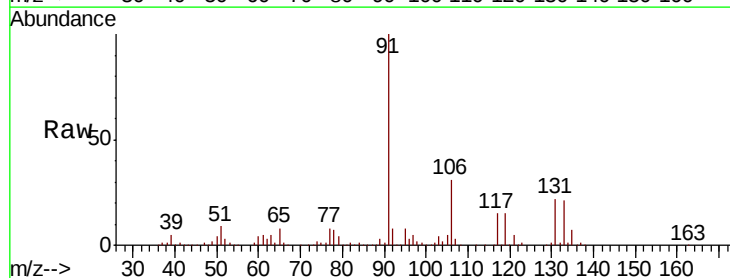
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

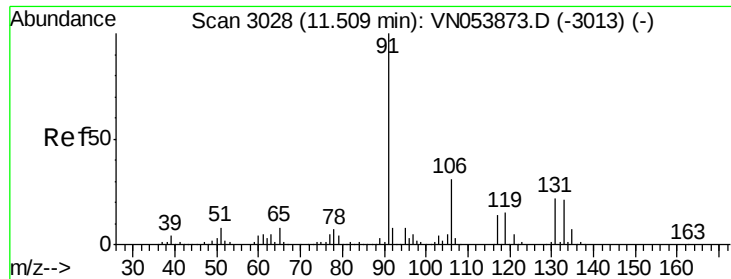
Tgt Ion:112 Resp: 990741  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.231 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

Tgt Ion:131 Resp: 369478  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.7 143.1  
119 66.2 33.1 99.3

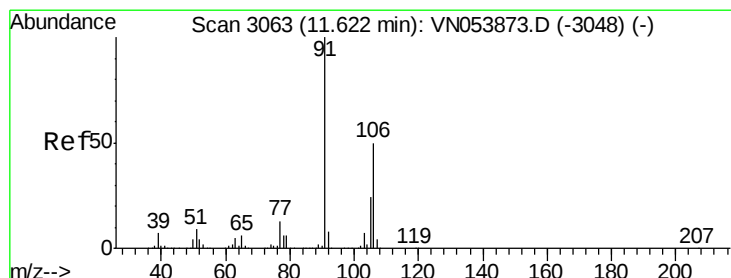
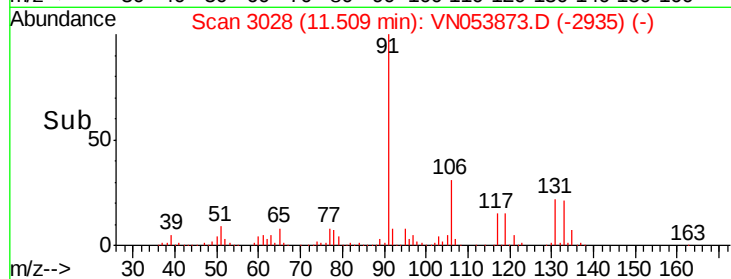
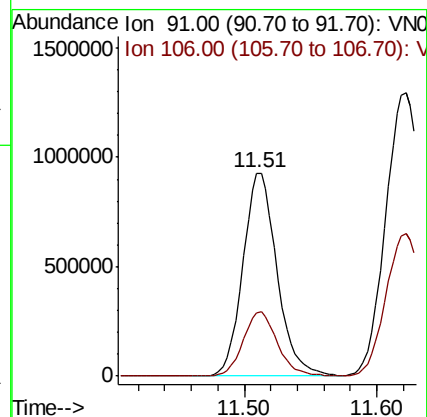
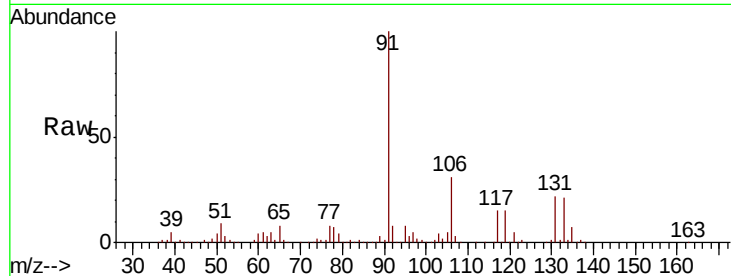




#67  
Ethyl Benzene  
Concen: 49.828 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

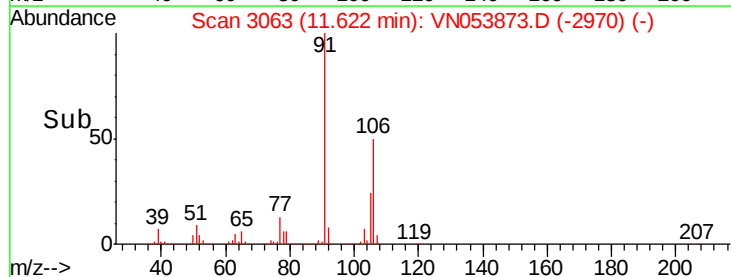
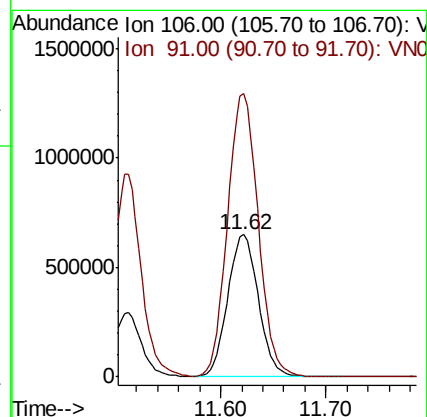
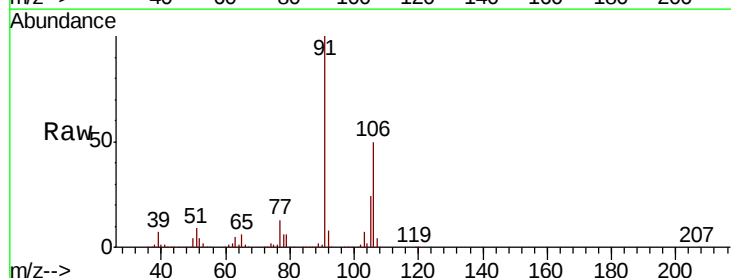
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

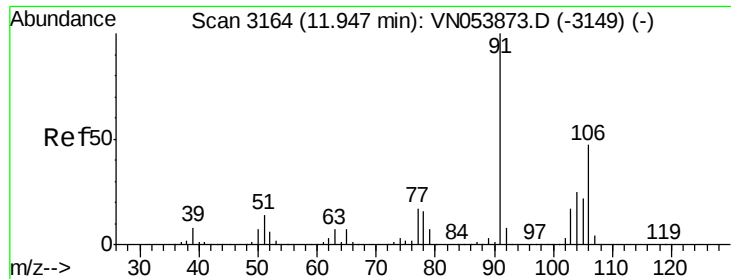
Tgt Ion: 91 Resp: 1658478  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.2 37.8



#68  
m/p-Xylenes  
Concen: 101.829 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

Tgt Ion: 106 Resp: 1312332  
Ion Ratio Lower Upper  
106 100  
91 198.6 158.9 238.3

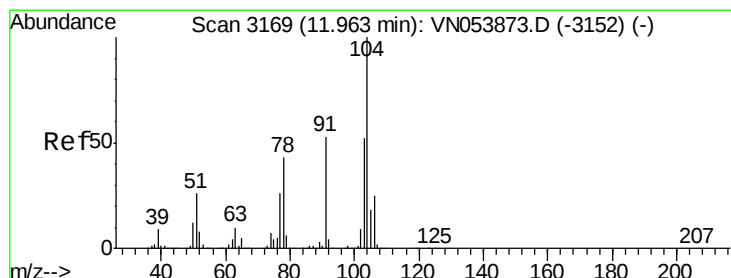
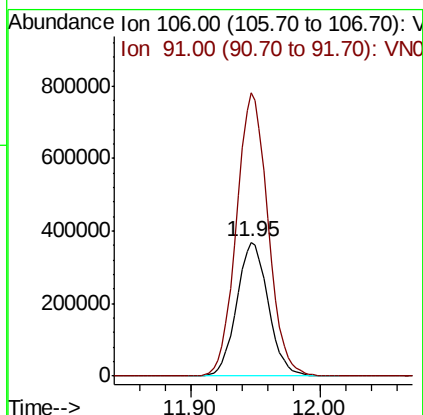
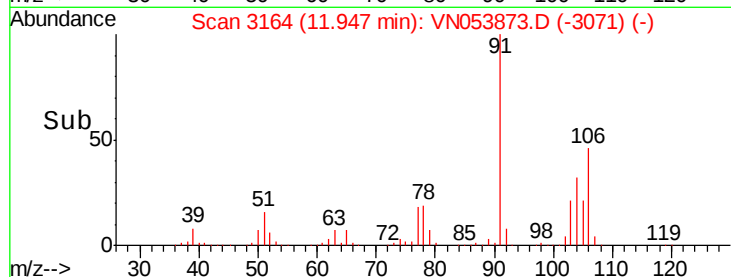
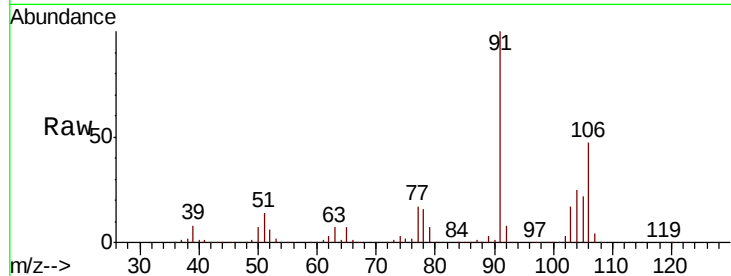




#69  
o-Xylene  
Concen: 50.512 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

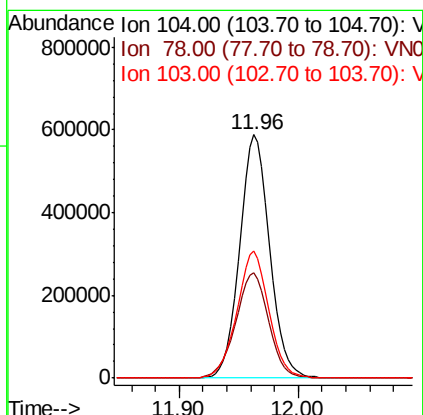
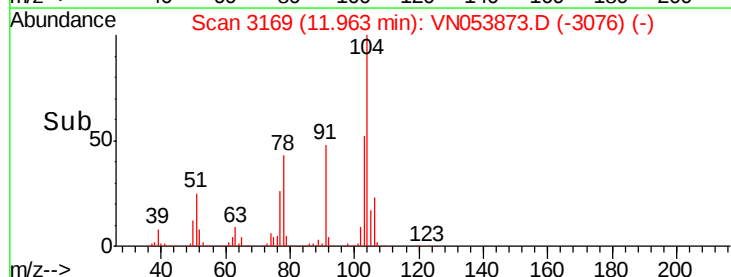
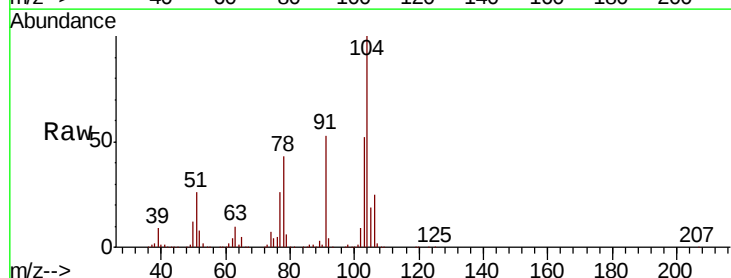
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDICCC050

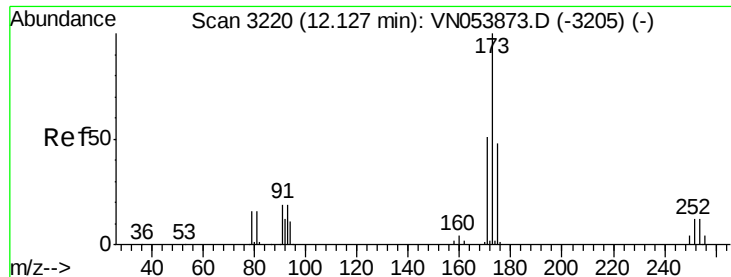
Tgt Ion:106 Resp: 626712  
Ion Ratio Lower Upper  
106 100  
91 212.0 106.0 318.0



#70  
Styrene  
Concen: 52.670 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

Tgt Ion:104 Resp: 1025475  
Ion Ratio Lower Upper  
104 100  
78 47.6 38.1 57.1  
103 55.8 44.6 67.0





#71

Bromoform

Concen: 49.768 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

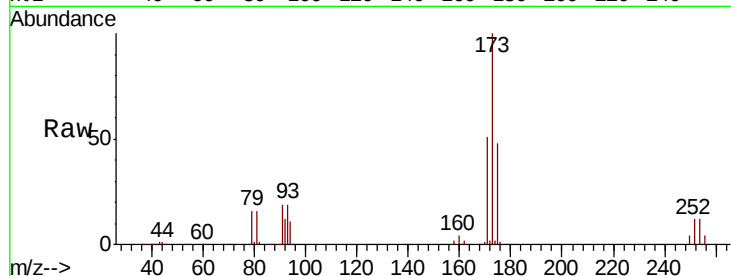
Tgt Ion:173 Resp: 265066

Ion Ratio Lower Upper

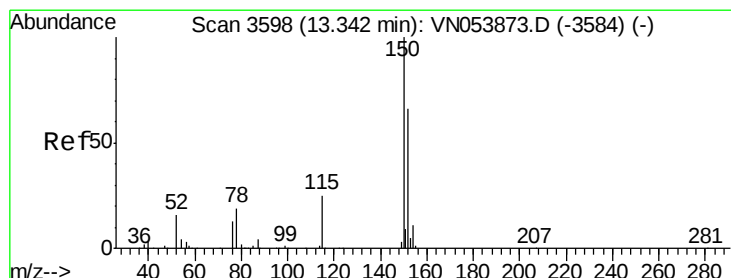
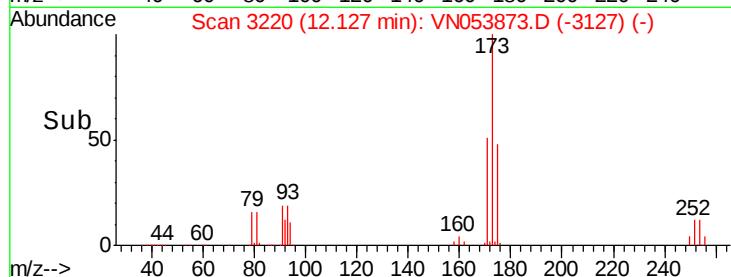
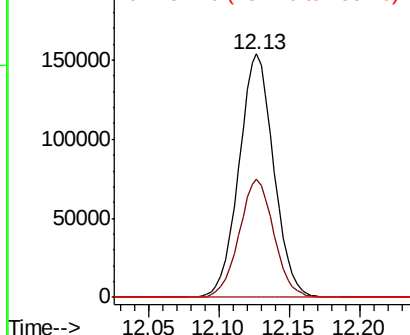
173 100

175 48.5 24.3 72.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

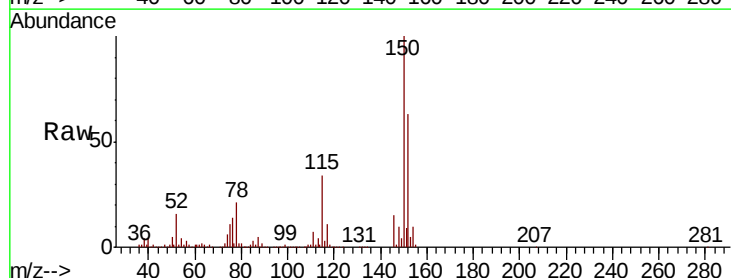
Tgt Ion:152 Resp: 474585

Ion Ratio Lower Upper

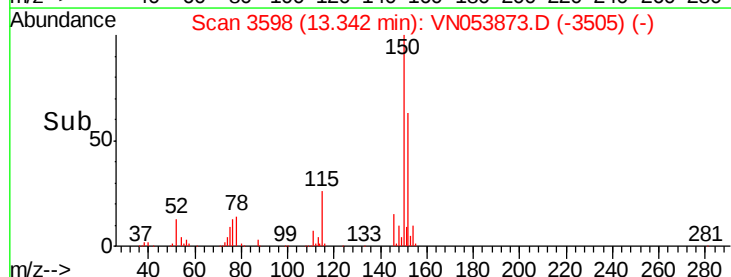
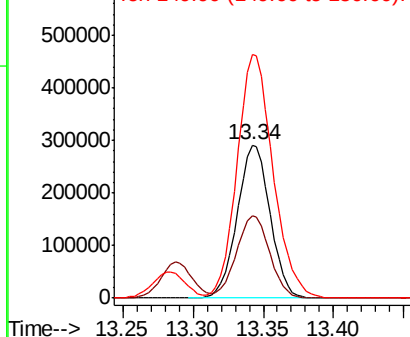
152 100

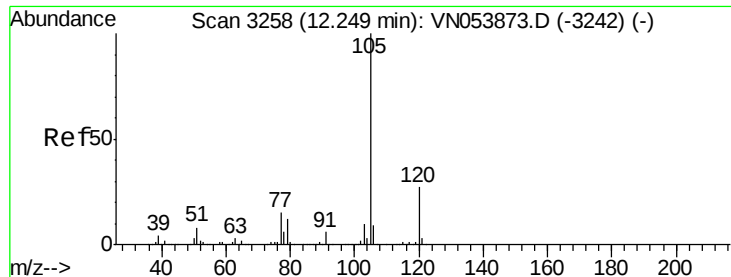
115 54.4 27.2 81.6

150 174.1 0.0 348.2



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: 49.193 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

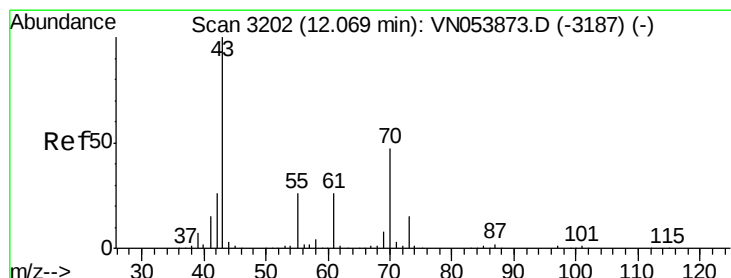
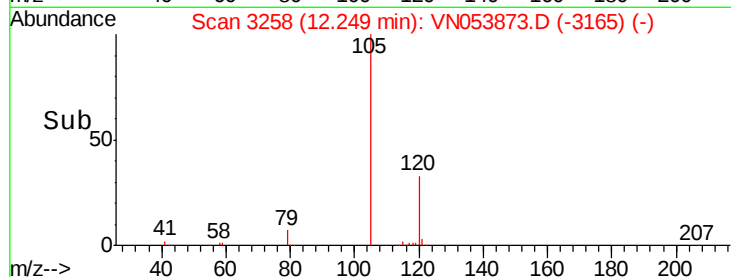
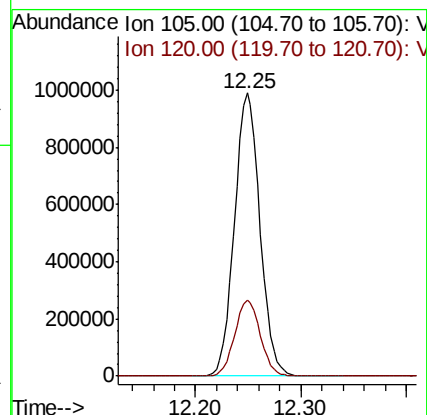
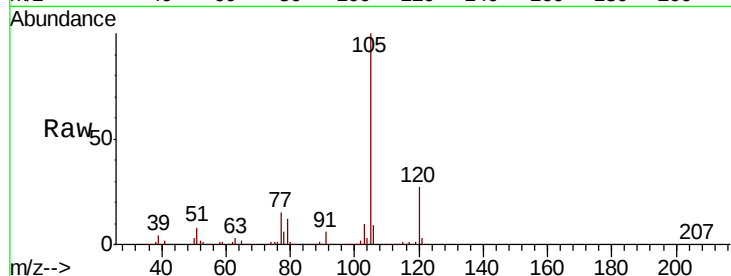
VSTDICCC050

Tgt Ion:105 Resp: 1644685

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 50.986 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Tgt Ion: 43 Resp: 391459

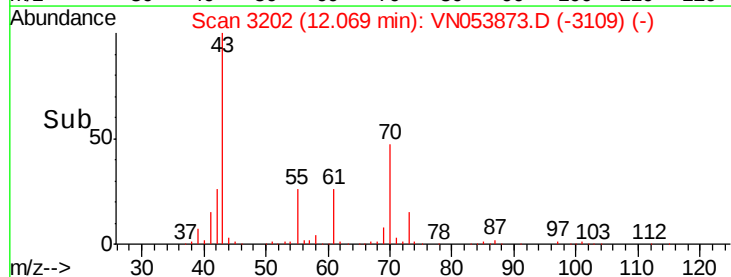
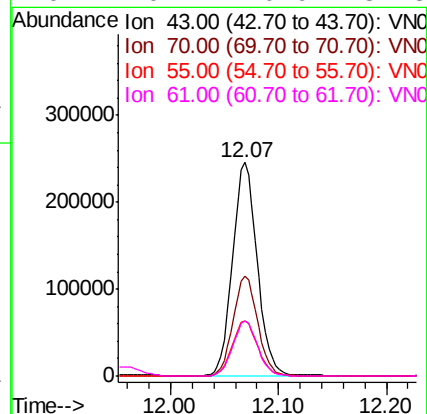
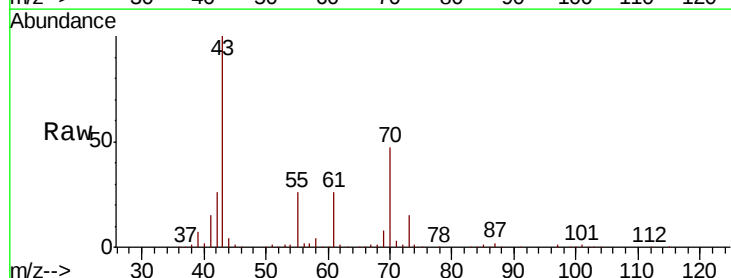
Ion Ratio Lower Upper

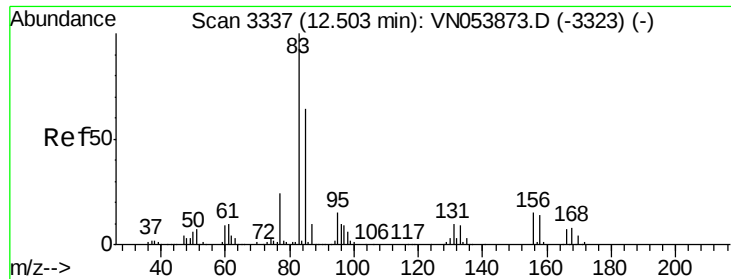
43 100

70 46.8 37.4 56.2

55 26.7 21.4 32.0

61 26.1 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.267 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

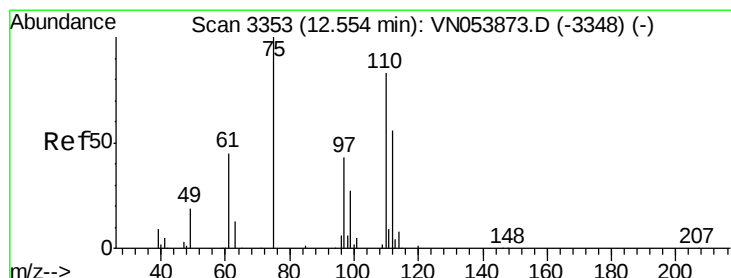
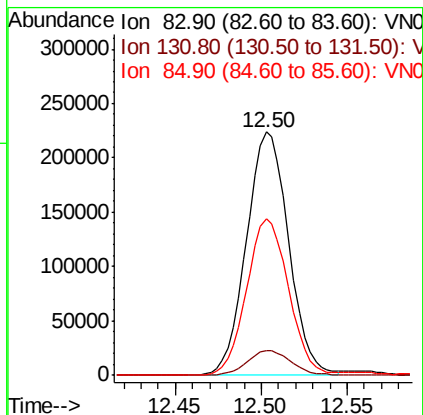
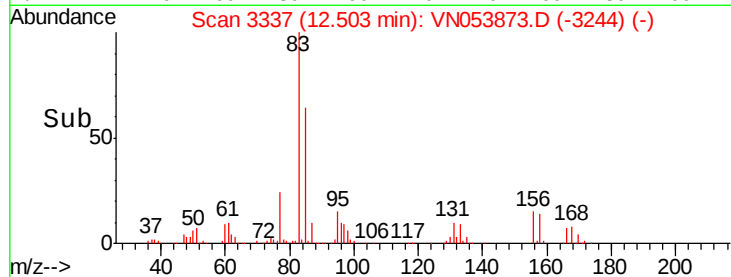
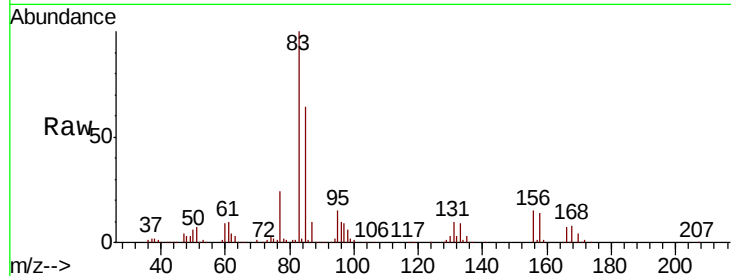
Tgt Ion: 83 Resp: 381528

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

85 63.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 75.795 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053873.D

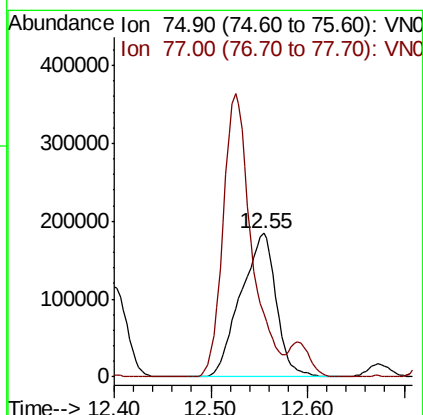
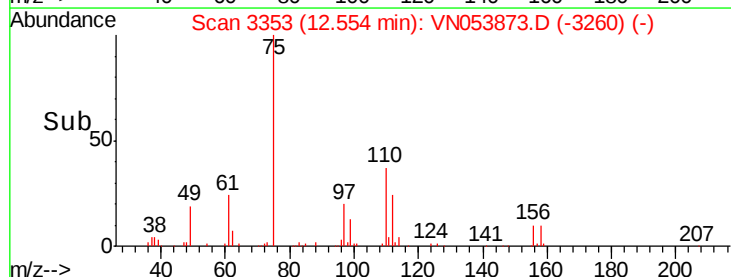
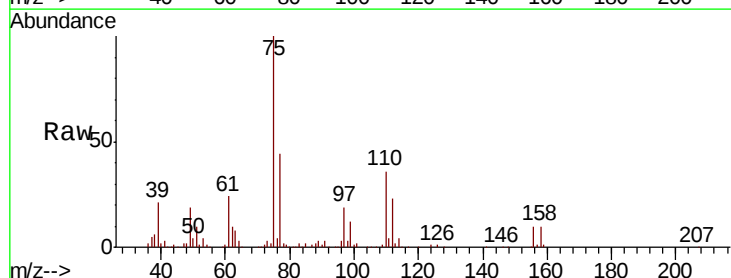
Acq: 20 Feb 2019 9:51

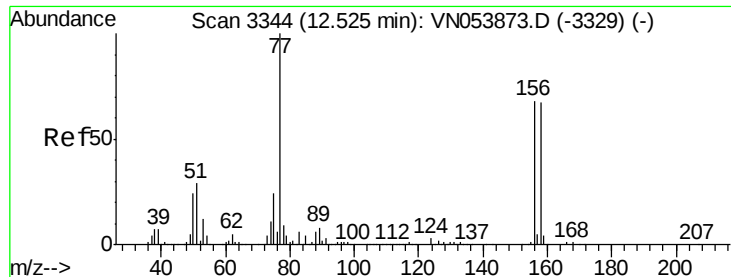
Tgt Ion: 75 Resp: 469900

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.286 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

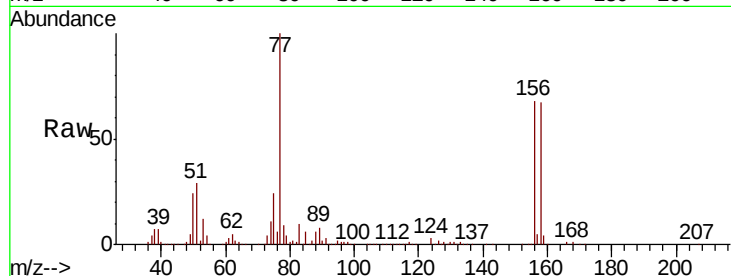
Tgt Ion:156 Resp: 442036

Ion Ratio Lower Upper

156 100

77 168.1 84.0 252.2

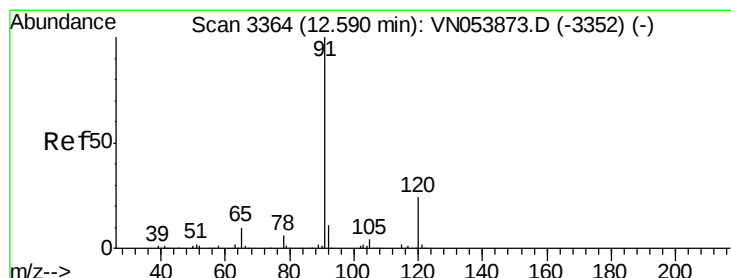
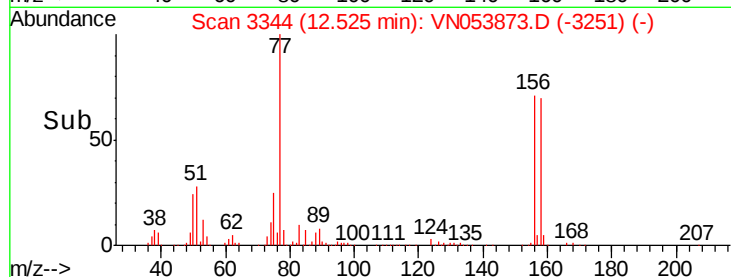
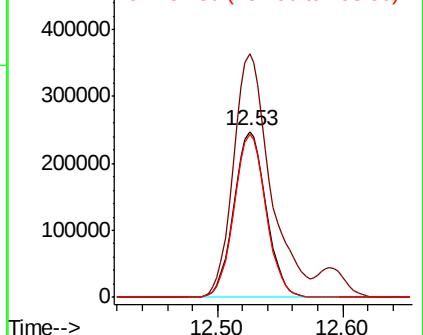
158 97.1 48.5 145.6



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: 50.965 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053873.D

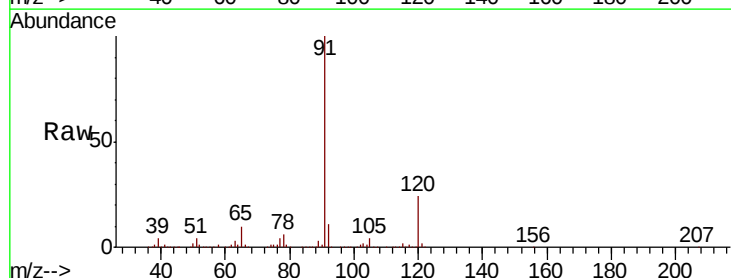
Acq: 20 Feb 2019 9:51

Tgt Ion: 91 Resp: 1905453

Ion Ratio Lower Upper

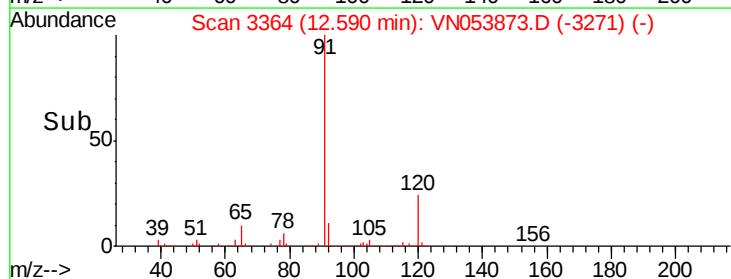
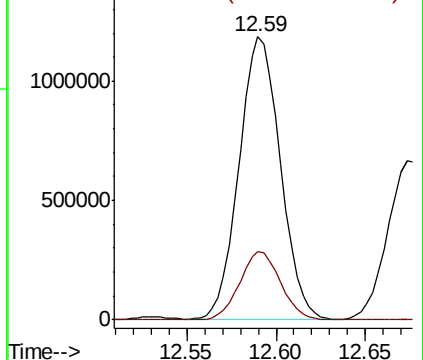
91 100

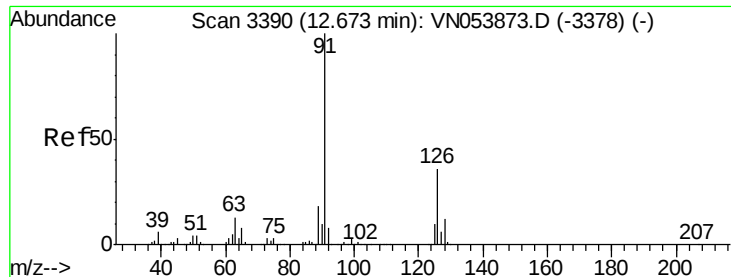
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.505 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

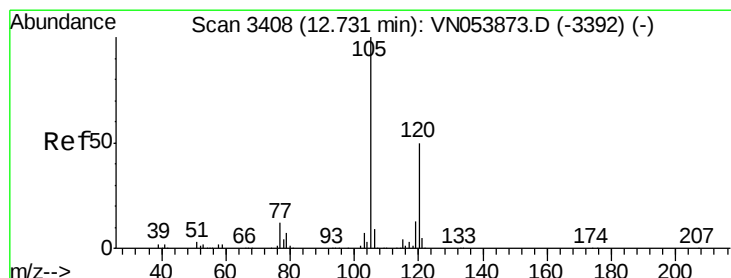
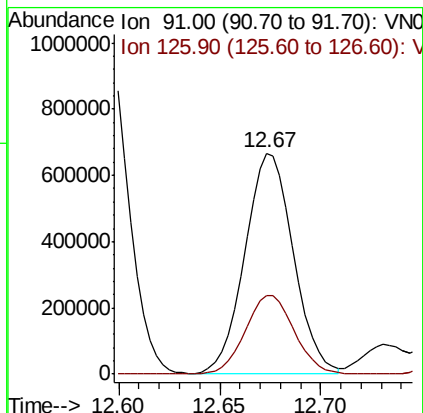
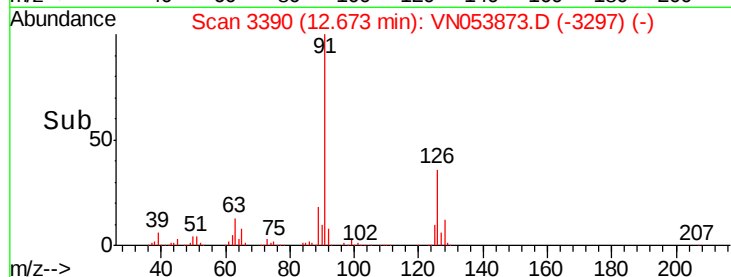
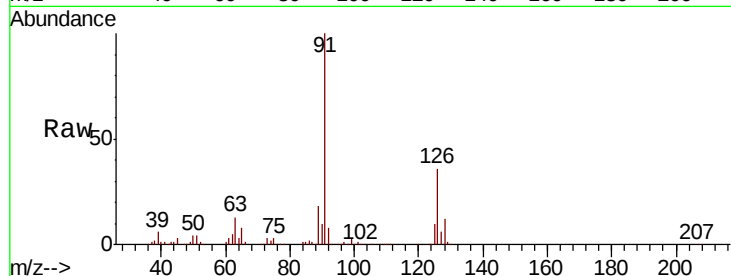
VSTDICCC050

Tgt Ion: 91 Resp: 1116002

Ion Ratio Lower Upper

91 100

126 36.3 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 50.837 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053873.D

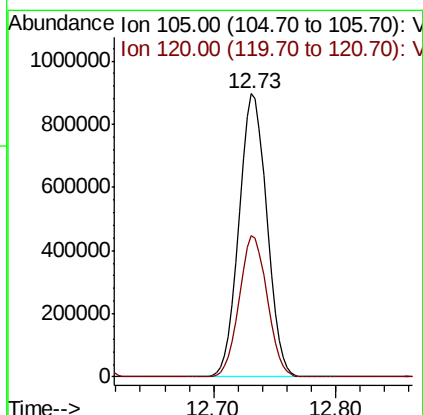
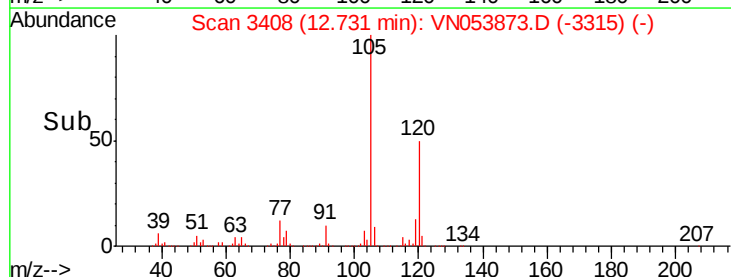
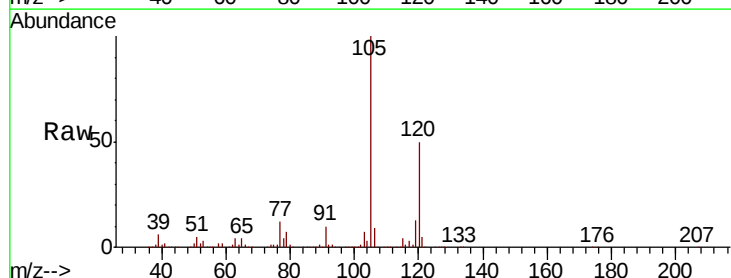
Acq: 20 Feb 2019 9:51

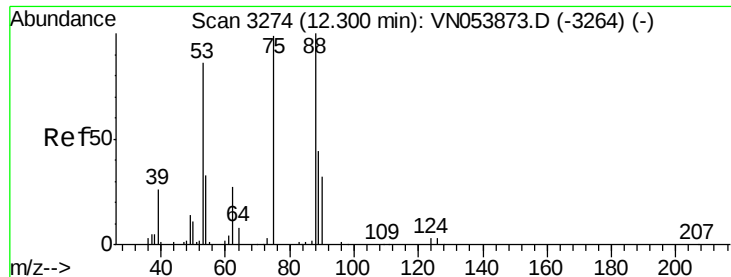
Tgt Ion: 105 Resp: 1410840

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.554 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

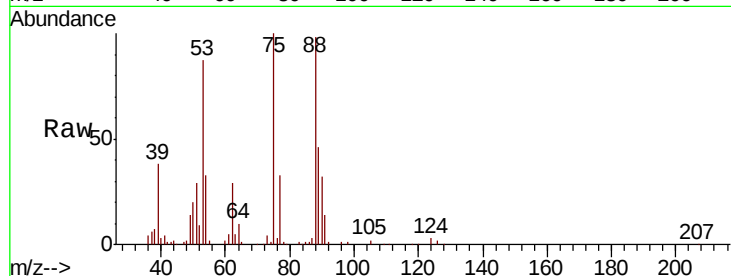
Tgt Ion: 75 Resp: 106688

Ion Ratio Lower Upper

75 100

53 85.7 68.6 102.8

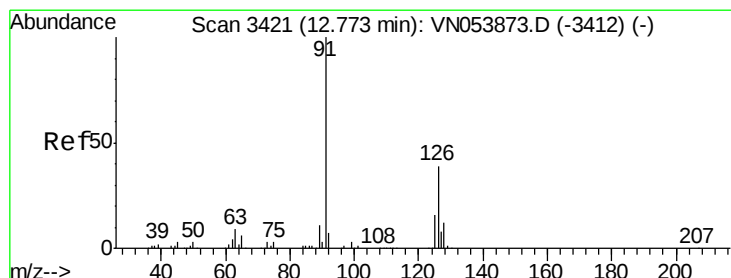
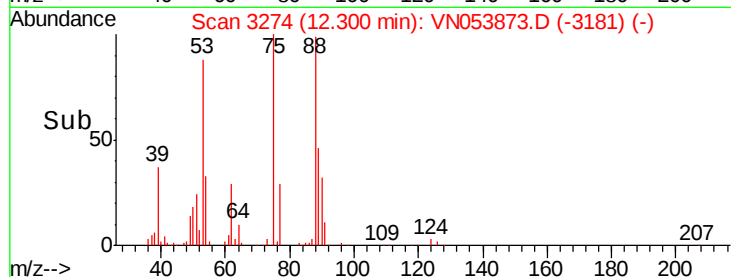
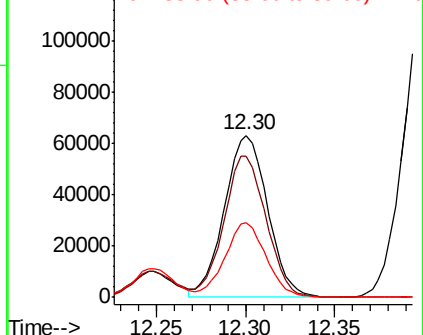
89 44.1 35.3 52.9



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: 50.614 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053873.D

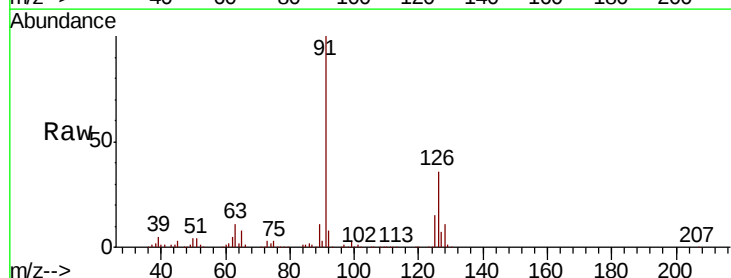
Acq: 20 Feb 2019 9:51

Tgt Ion: 91 Resp: 1136716

Ion Ratio Lower Upper

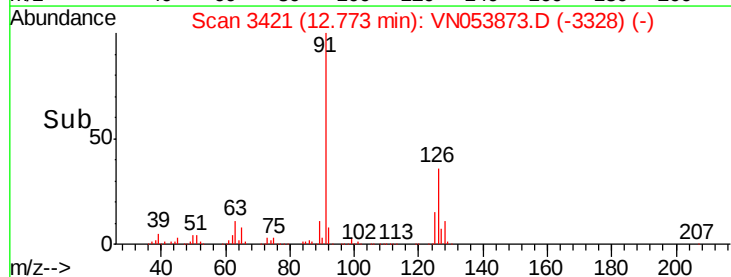
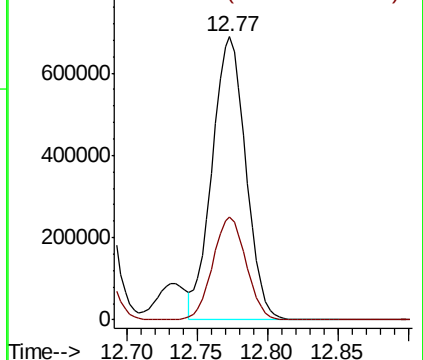
91 100

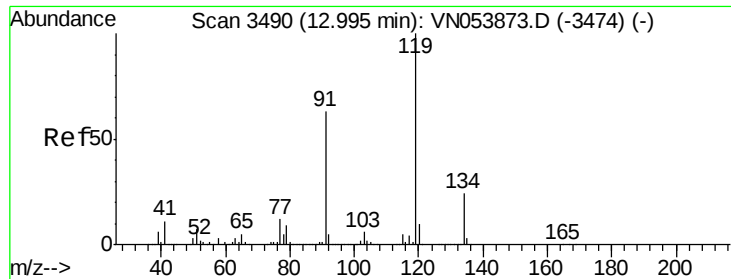
126 36.0 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

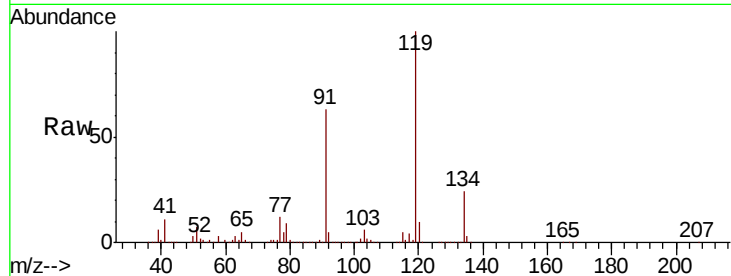




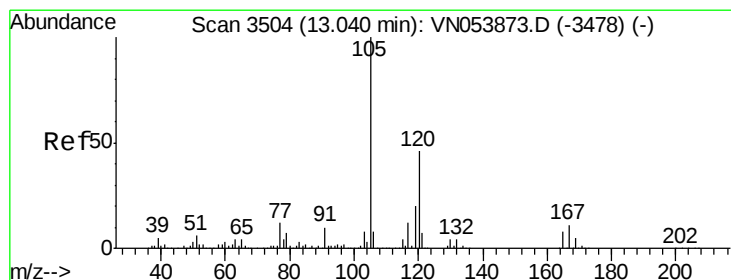
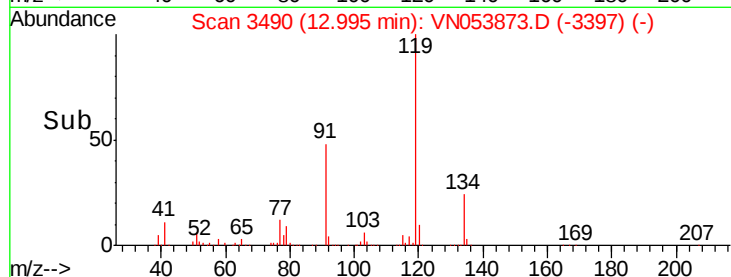
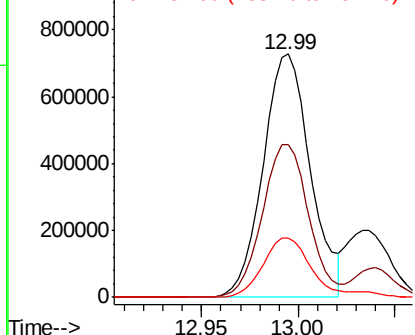
#83  
 tert-Butylbenzene  
 Concen: 49.881 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Tgt Ion:119 Resp: 1243001  
 Ion Ratio Lower Upper  
 119 100  
 91 61.2 30.6 91.8  
 134 26.0 13.0 39.0

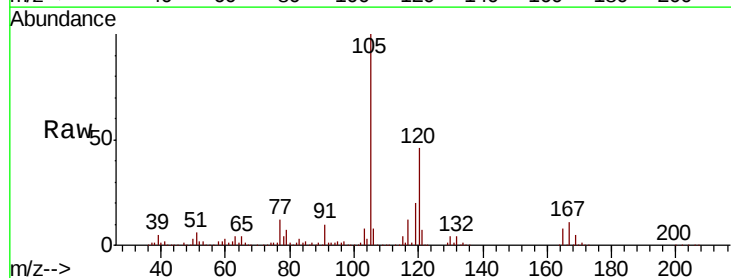


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

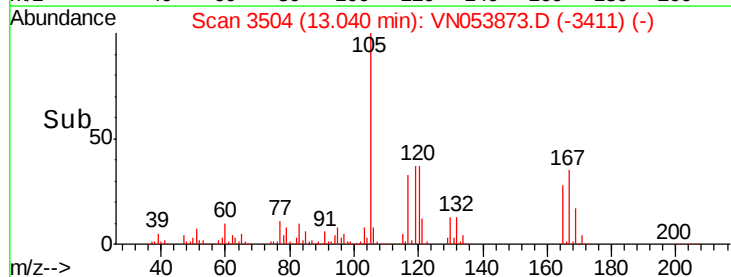
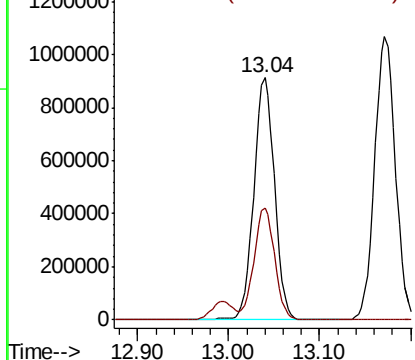


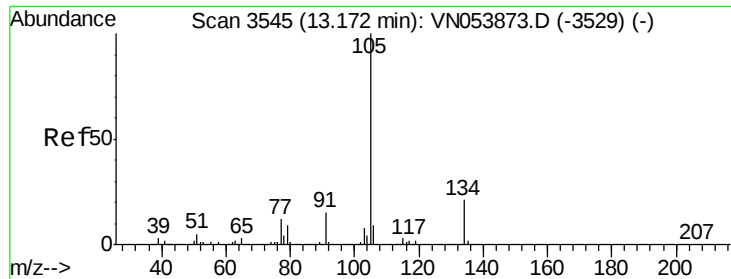
#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.576 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

Tgt Ion:105 Resp: 1435564  
 Ion Ratio Lower Upper  
 105 100  
 120 46.3 23.2 69.5



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





#85

sec-Butylbenzene

Concen: 50.048 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

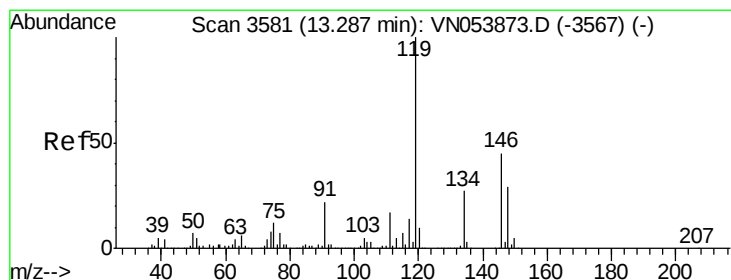
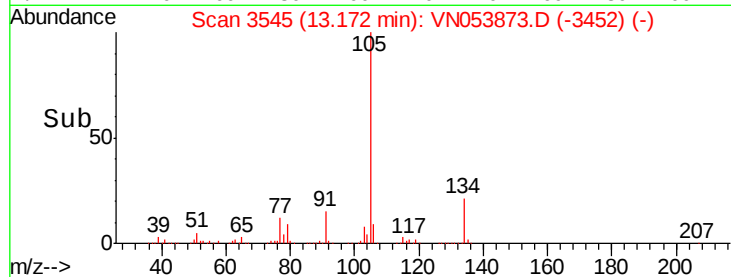
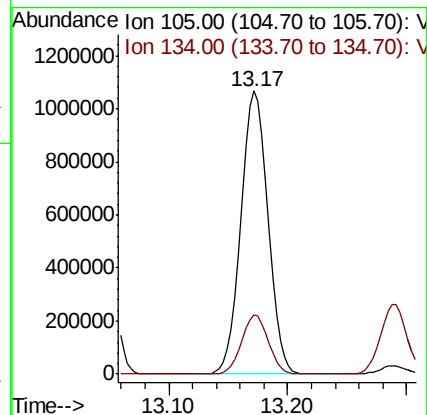
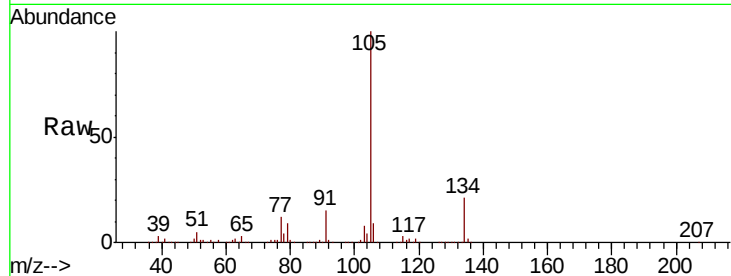
VSTDICCC050

Tgt Ion:105 Resp: 1679234

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



#86

p-Isopropyltoluene

Concen: 51.134 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

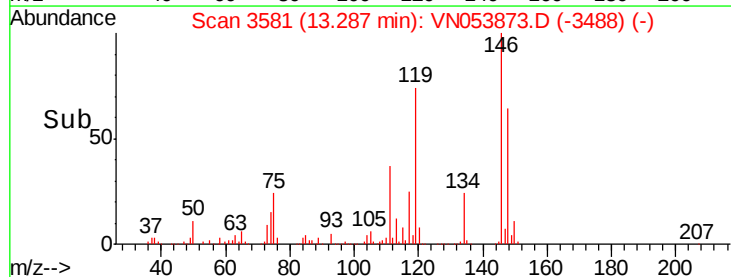
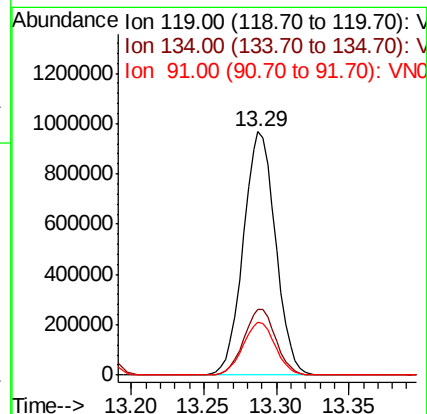
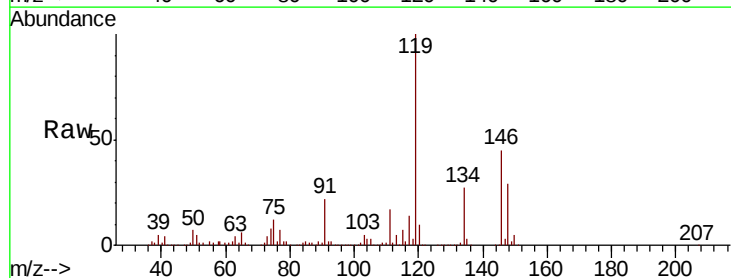
Tgt Ion:119 Resp: 1489004

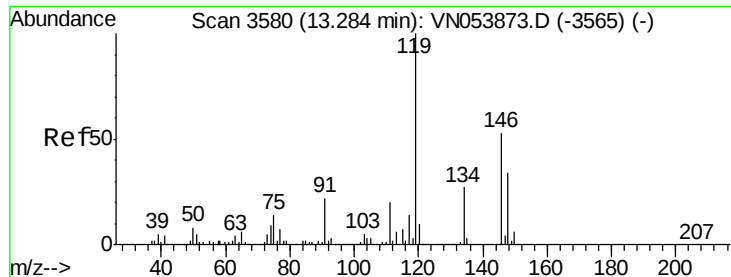
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 21.7 10.9 32.6





#87

1,3-Dichlorobenzene

Concen: 49.562 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

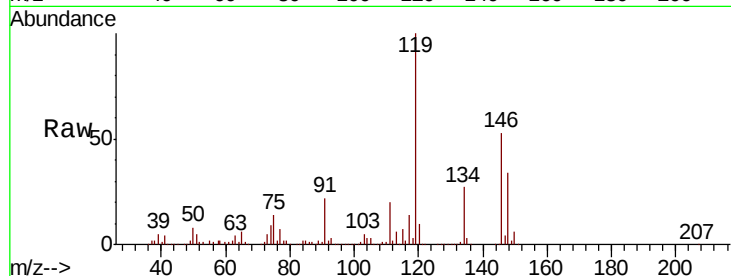
Tgt Ion:146 Resp: 775678

Ion Ratio Lower Upper

146 100

111 37.4 18.7 56.1

148 64.1 32.0 96.2

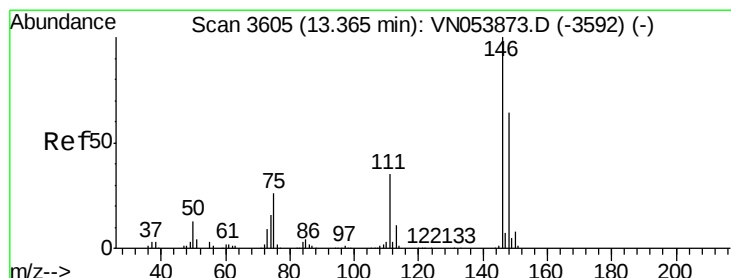
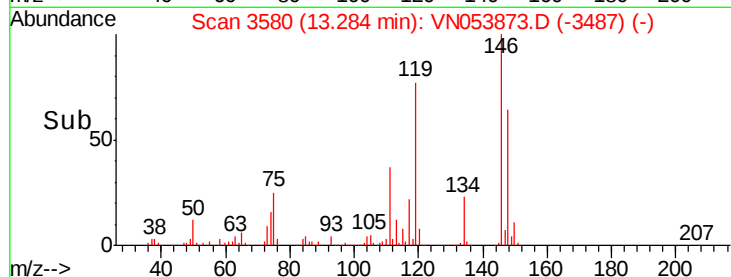
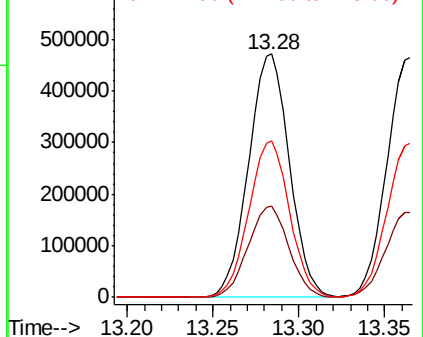


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.480 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

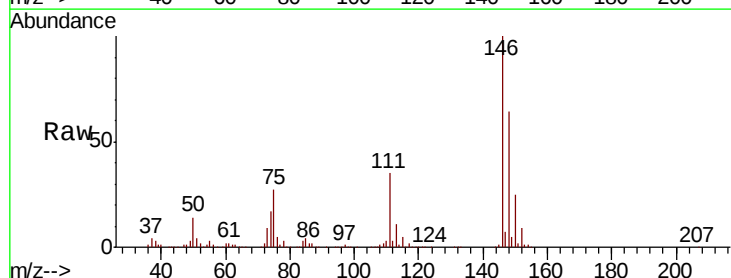
Tgt Ion:146 Resp: 763433

Ion Ratio Lower Upper

146 100

111 36.0 18.0 54.0

148 64.3 32.1 96.5

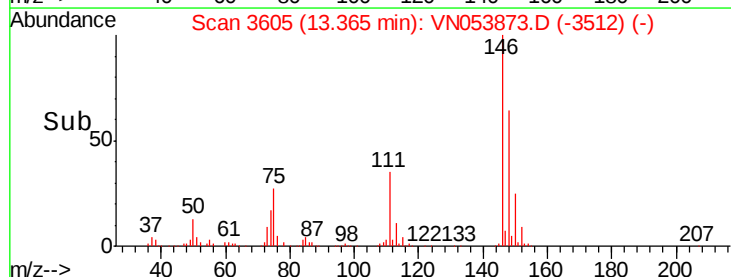
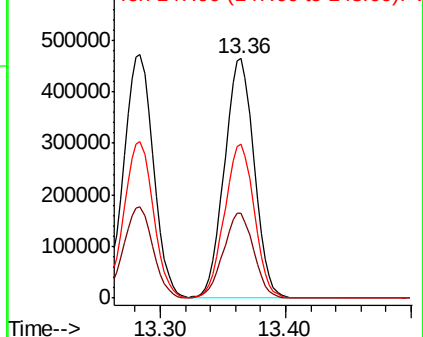


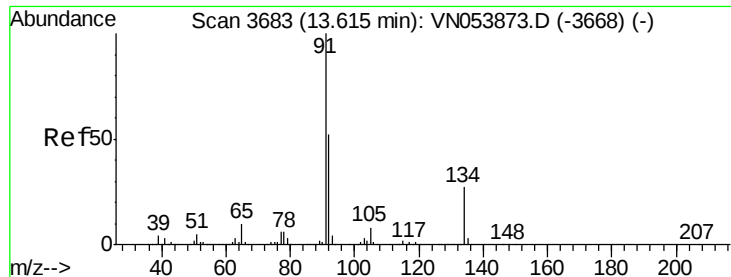
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.481 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

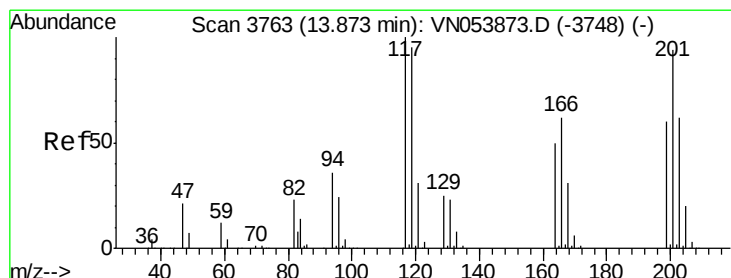
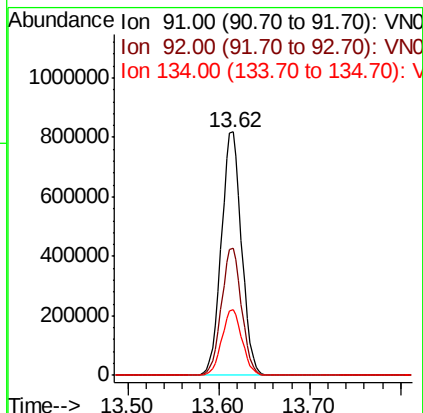
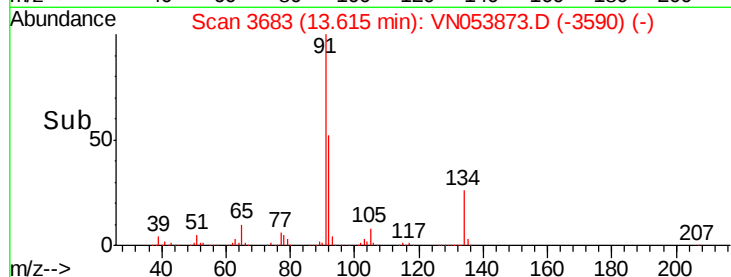
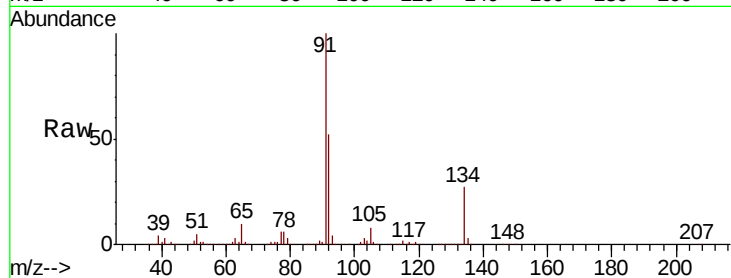
Tgt Ion: 91 Resp: 1256693

Ion Ratio Lower Upper

91 100

92 52.1 26.1 78.2

134 27.2 13.6 40.8



#90

Hexachloroethane

Concen: 46.042 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN053873.D

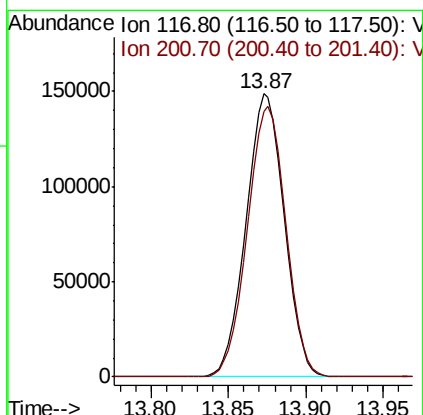
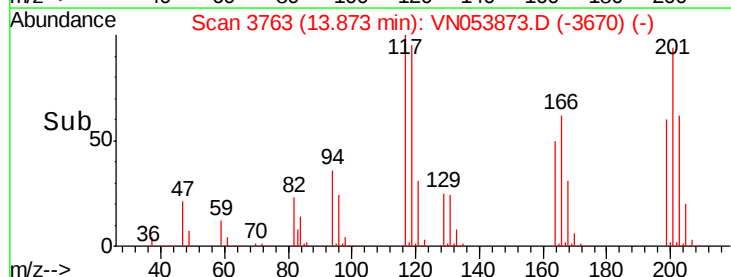
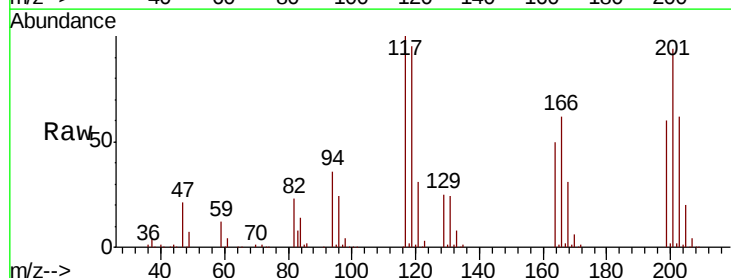
Acq: 20 Feb 2019 9:51

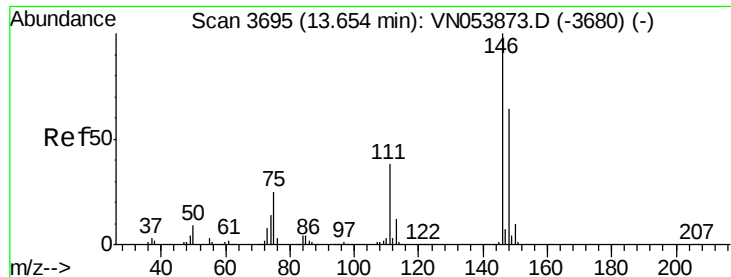
Tgt Ion: 117 Resp: 256132

Ion Ratio Lower Upper

117 100

201 96.1 48.0 144.2





#91

1,2-Dichlorobenzene

Concen: 49.199 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

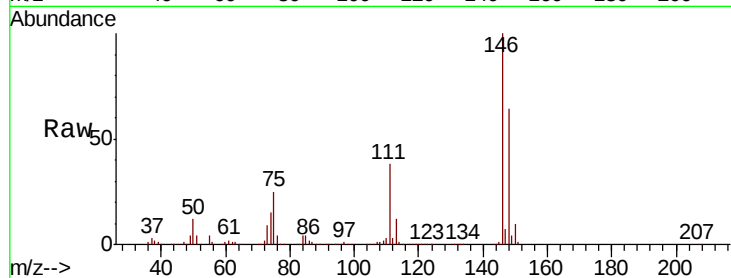
Tgt Ion:146 Resp: 755446

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.5

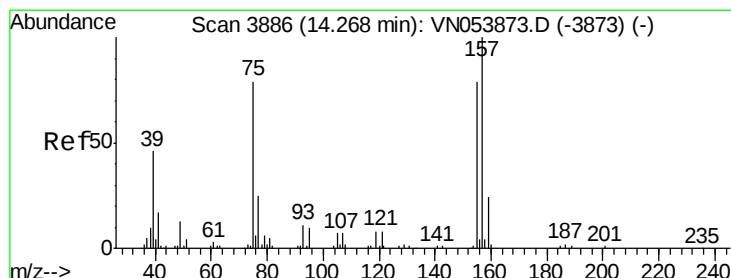
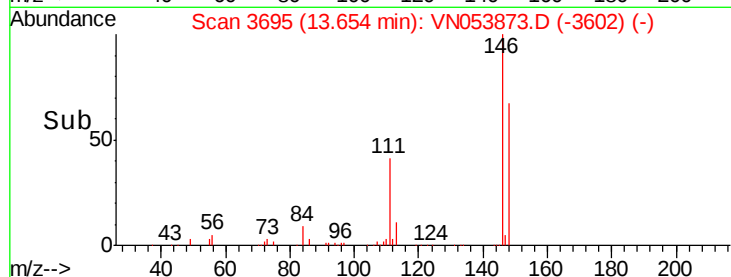
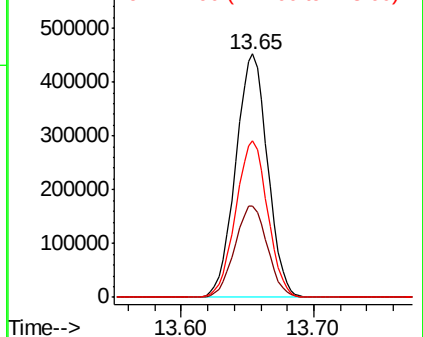
148 64.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.900 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN053873.D

Acq: 20 Feb 2019 9:51

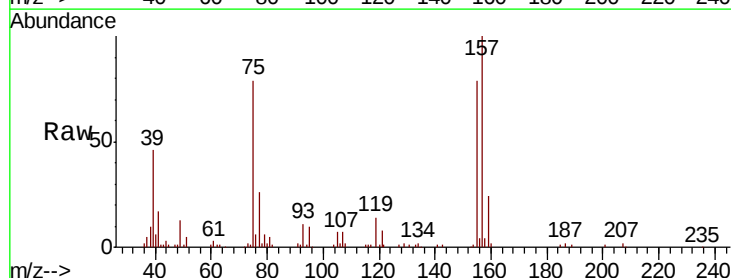
Tgt Ion: 75 Resp: 55250

Ion Ratio Lower Upper

75 100

155 99.0 49.5 148.5

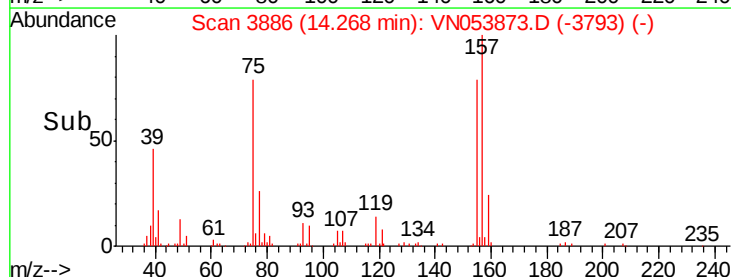
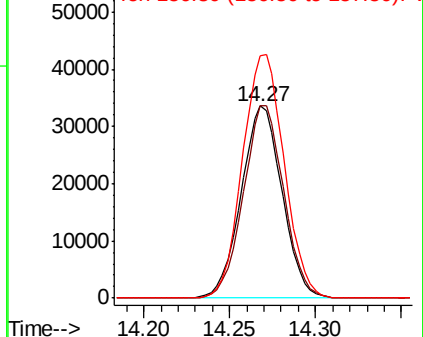
157 129.7 64.8 194.6

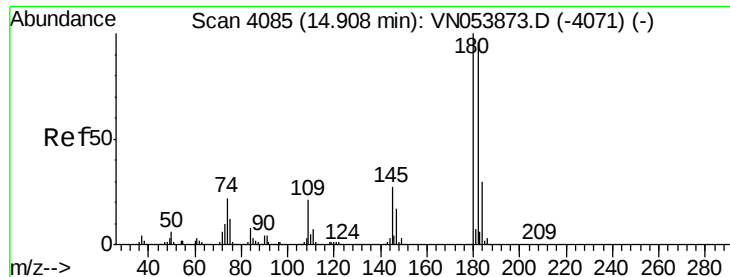


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

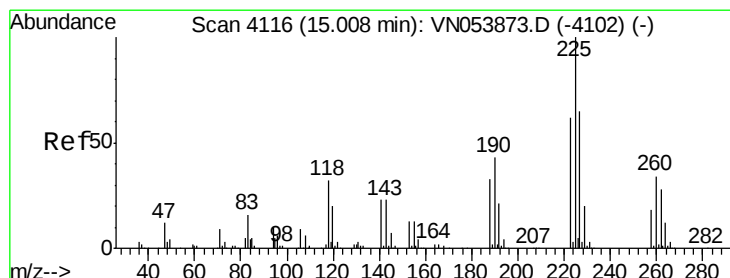
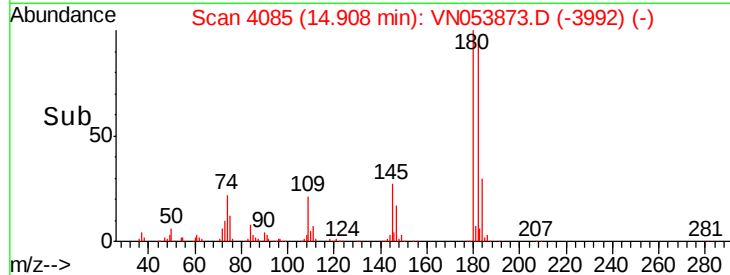
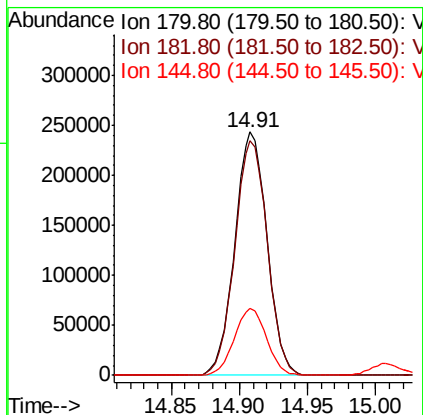
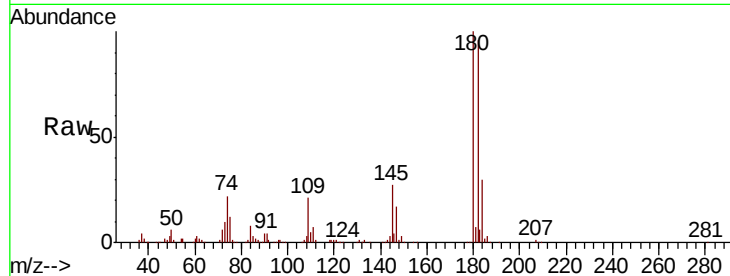




#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.600 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

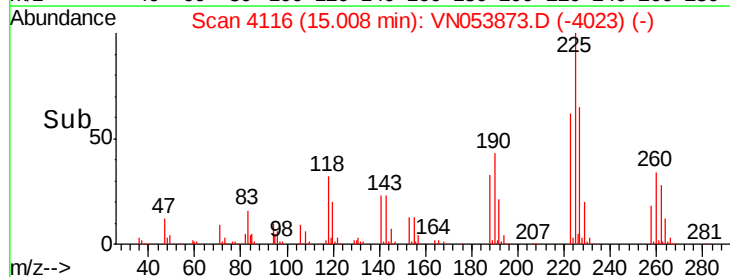
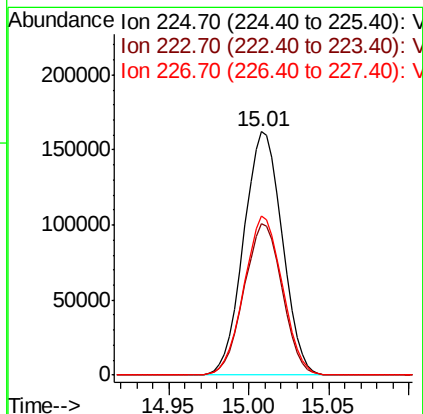
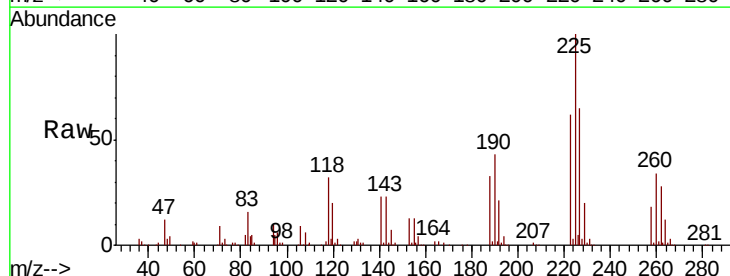
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

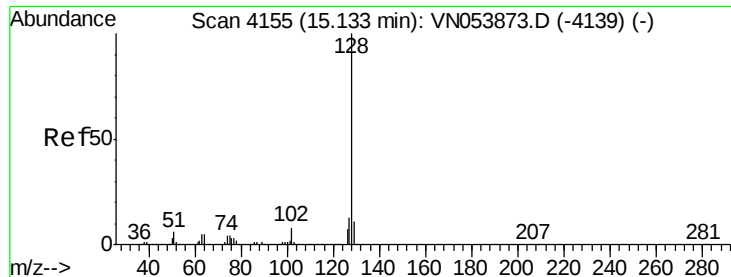
Tgt Ion:180 Resp: 398694  
 Ion Ratio Lower Upper  
 180 100  
 182 97.3 48.6 145.9  
 145 27.5 13.8 41.3



#94  
 Hexachlorobutadiene  
 Concen: 41.806 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN053873.D  
 Acq: 20 Feb 2019 9:51

Tgt Ion:225 Resp: 267702  
 Ion Ratio Lower Upper  
 225 100  
 223 61.7 30.9 92.5  
 227 64.9 32.5 97.4

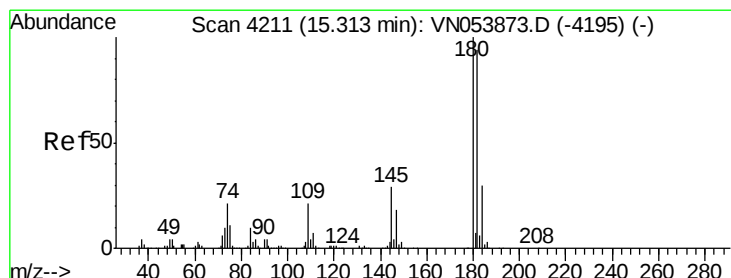
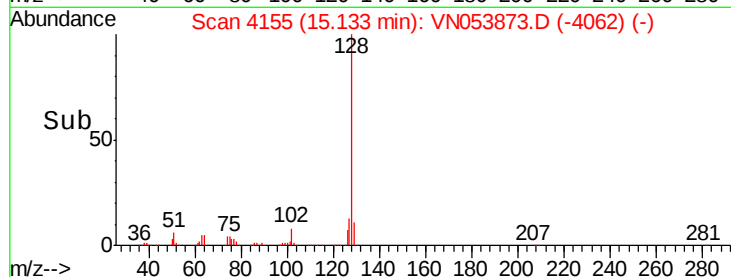
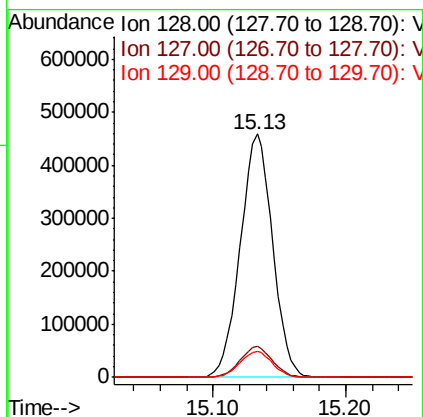
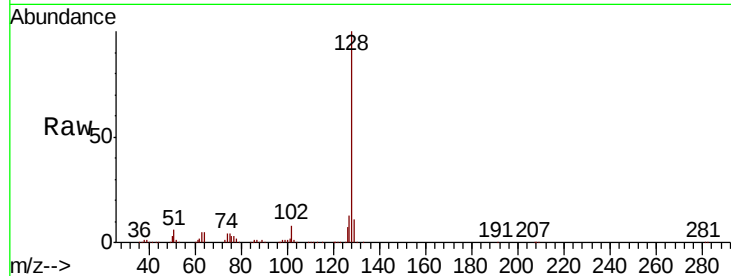




#95  
Naphthalene  
Concen: 52.723 ug/l  
RT: 15.13 min Scan# 4155  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tgt Ion:128 Resp: 775849  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 10.7 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 50.235 ug/l  
RT: 15.31 min Scan# 4211  
Delta R.T. 0.00 min  
Lab File: VN053873.D  
Acq: 20 Feb 2019 9:51

Tgt Ion:180 Resp: 384083  
Ion Ratio Lower Upper  
180 100  
182 94.5 47.3 141.8  
145 28.7 14.4 43.0

