

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\  
 Data File : VN050378.D  
 Acq On : 6 Aug 2018 12:24  
 Operator : MD\SY  
 Sample : VSTDICCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Aug 07 01:45:16 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N080618W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 07 01:41:27 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 672417   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 976500   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 914529   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 504203   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 434046   | 48.31 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.62%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 391111   | 49.92 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.84%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 1481430  | 50.29 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.58% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 506292   | 50.42 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.84% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 363742   | 48.732  | ug/l  | 99     |
| 3) Chloromethane              | 2.06 | 50   | 441945   | 50.110  | ug/l  | 100    |
| 4) Vinyl Chloride             | 2.18 | 62   | 469911   | 48.638  | ug/l  | 97     |
| 5) Bromomethane               | 2.56 | 94   | 218715   | 46.702  | ug/l  | 100    |
| 6) Chloroethane               | 2.70 | 64   | 287606   | 48.312  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 3.01 | 101  | 609598   | 48.855  | ug/l  | 100    |
| 8) Diethyl Ether              | 3.41 | 74   | 223258   | 48.790  | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101  | 371980   | 48.239  | ug/l  | 99     |
| 10) Methyl Iodide             | 3.95 | 142  | 162982   | 47.972  | ug/l  | 97     |
| 11) Tert butyl alcohol        | 4.80 | 59   | 176601   | 244.695 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 3.73 | 96   | 348831   | 47.986  | ug/l  | 97     |
| 13) Acrolein                  | 3.61 | 56   | 229950   | 245.191 | ug/l  | 99     |
| 14) Allyl chloride            | 4.32 | 41   | 576378   | 49.372  | ug/l  | 98     |
| 15) Acrylonitrile             | 4.99 | 53   | 747925   | 247.403 | ug/l  | 99     |
| 16) Acetone                   | 3.82 | 43   | 649691   | 242.477 | ug/l  | 99     |
| 17) Carbon Disulfide          | 4.05 | 76   | 1083577  | 45.840  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.33 | 43   | 337917   | 48.532  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 1045789  | 50.684  | ug/l  | 99     |
| 20) Methylene Chloride        | 4.55 | 84   | 411940   | 50.283  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96   | 382985   | 48.684  | ug/l  | 99     |
| 22) Diisopropyl ether         | 5.96 | 45   | 1227191  | 51.457  | ug/l  | 99     |
| 23) Vinyl Acetate             | 5.90 | 43   | 4466242  | 262.481 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 710052   | 48.522  | ug/l  | 98     |
| 25) 2-Butanone                | 6.84 | 43   | 1115474  | 250.561 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 6.83 | 77   | 575736   | 47.726  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 430779   | 49.406  | ug/l  | 100    |
| 28) Bromochloromethane        | 7.20 | 49   | 332072   | 49.296  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 7.22 | 42   | 594259   | 249.385 | ug/l  | 99     |
| 30) Chloroform                | 7.37 | 83   | 716133   | 48.953  | ug/l  | 99     |
| 31) Cyclohexane               | 7.66 | 56   | 636303   | 49.398  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 615667   | 49.004  | ug/l  | 100    |
| 36) 1,1-Dichloropropene       | 7.80 | 75   | 555126   | 51.739  | ug/l  | 98     |
| 37) Ethyl Acetate             | 6.93 | 43   | 410228   | 53.093  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 7.78 | 117  | 548065   | 48.966  | ug/l  | 99     |

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Instrument :  
 MSVOA\_N  
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 VSTDICCC050

Quant Time: Aug 07 01:45:16 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N080618W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 07 01:41:27 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 606130   | 51.755   | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 1659585  | 50.312   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 207948   | 50.613   | ug/l # | 80       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 526377   | 50.266   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.17  | 43   | 678764   | 50.888   | ug/l # | 87       |
| 44) Trichloroethene            | 8.84  | 130  | 433143   | 48.869   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 434312   | 50.080   | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 266943   | 49.847   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 549790   | 49.566   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 349331   | 52.255   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 104318   | 1012.330 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 2519631  | 262.298  | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 1028446  | 51.906   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 571278   | 51.295   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 646627   | 52.023   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 386624   | 49.981   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 526431   | 48.155   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 641661   | 50.537   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 1253320  | 245.762  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 1746150  | 260.468  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 432047   | 50.699   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 388855   | 51.000   | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.63 | 164  | 423712   | 49.585   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.44 | 112  | 1119970  | 48.848   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 410054   | 49.140   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 1935772  | 52.232   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 1500953  | 106.383  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 718946   | 52.898   | ug/l   | 99       |
| 70) Styrene                    | 11.97 | 104  | 1198992  | 54.249   | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 310458   | 50.906   | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.25 | 105  | 1910070  | 50.466   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 616610   | 50.261   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 516935   | 47.340   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.56 | 75   | 622769   | 68.237   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 493041   | 48.625   | ug/l   | 100      |
| 78) n-propylbenzene            | 12.59 | 91   | 2203015  | 51.422   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 1307275  | 49.407   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 1599988  | 52.076   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 134592   | 51.815   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 1335707  | 50.621   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 1353713  | 50.507   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 1638087  | 52.632   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 1805072  | 50.529   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 1593800  | 52.059   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 883445   | 48.917   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 865837   | 48.010   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 1318980  | 50.607   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 256159   | 47.054   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 865981   | 47.836   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 85037    | 45.865   | ug/l   | 97       |

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Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 5 Sample Multiplier: 1

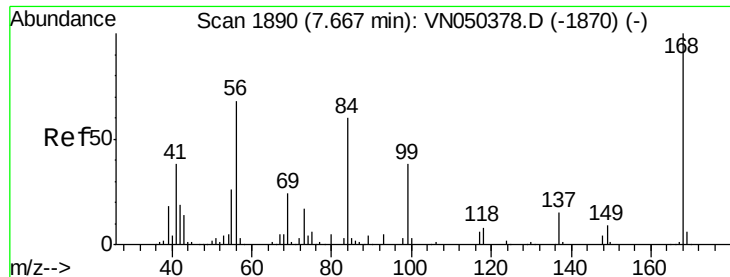
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

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Quant Title : SW846 8260  
QLast Update : Tue Aug 07 01:41:27 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 472939   | 51.290 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 249377   | 49.494 | ug/l  | 99       |
| 95) Naphthalene            | 15.14 | 128  | 1138032  | 46.859 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 456208   | 48.936 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

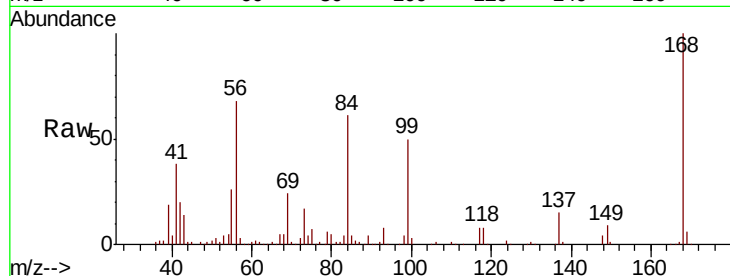
VSTDICCC050

Tot Ion:168 Resp: 672417

Ion Ratio Lower Upper

168 100

99 49.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

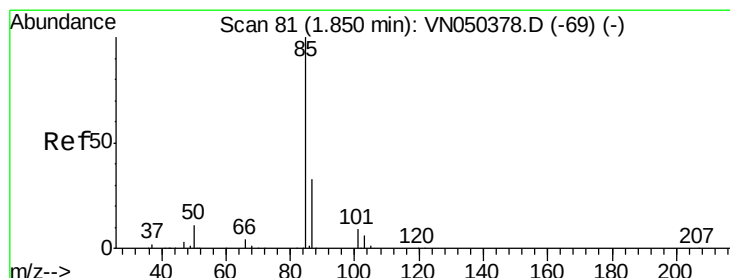
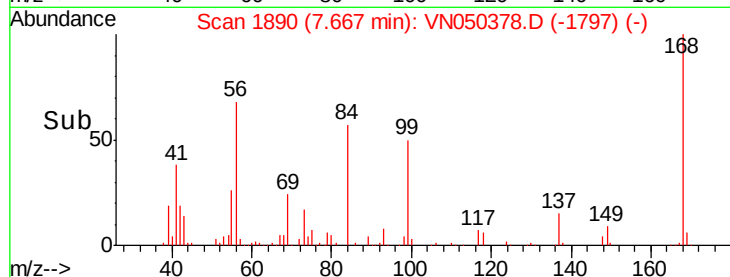
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.732 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050378.D

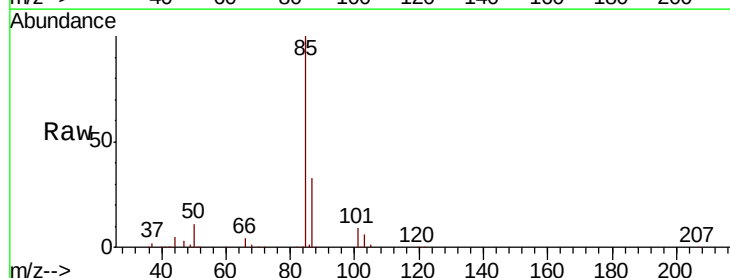
Acq: 6 Aug 2018 12:24

Tgt Ion: 85 Resp: 363742

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

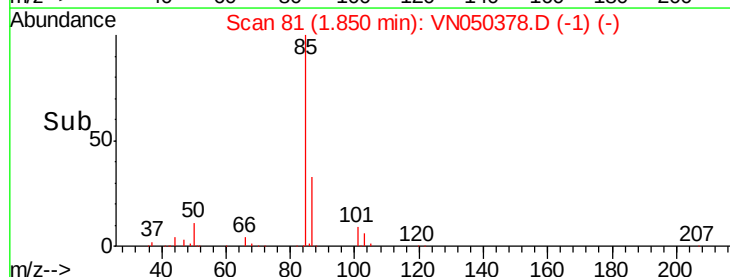
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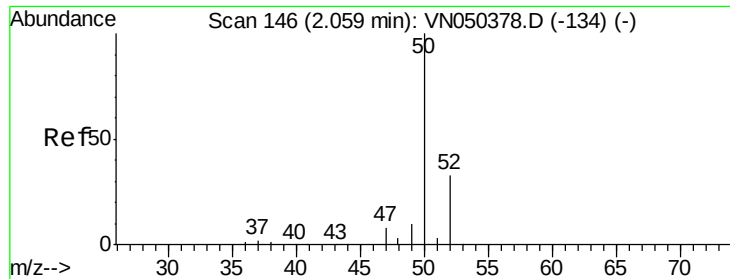
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50000

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Time-->





#3

Chloromethane

Concen: 50.110 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

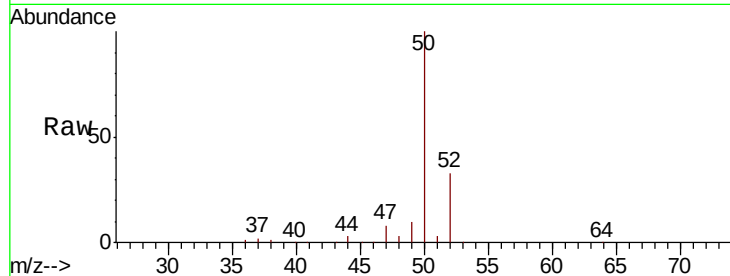
VSTDICCC050

Tot Ion: 50 Resp: 441945

Ion Ratio Lower Upper

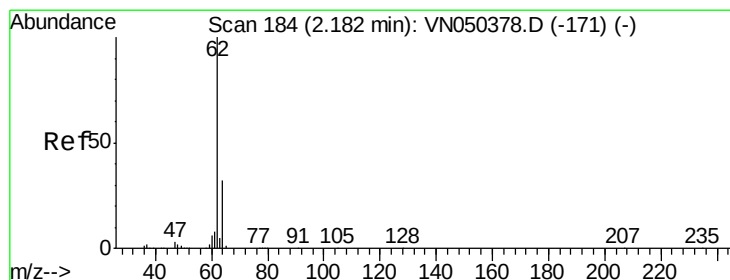
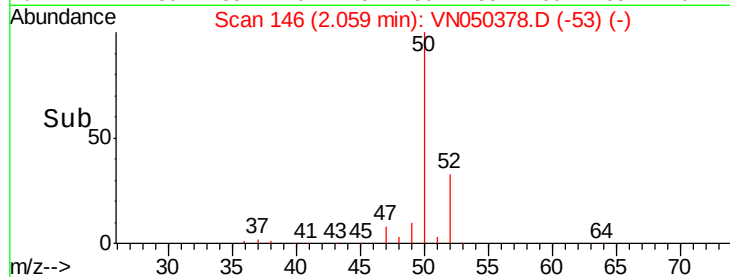
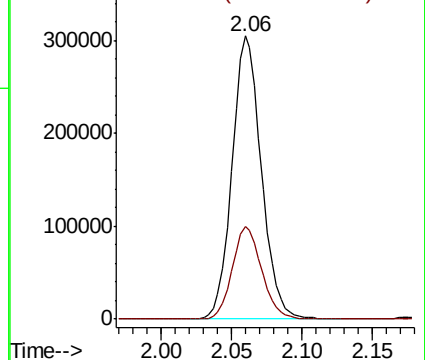
50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 48.638 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050378.D

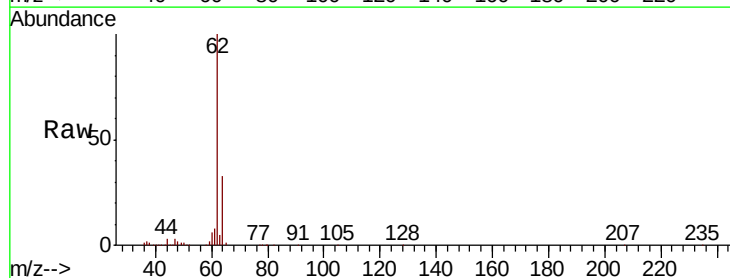
Acq: 6 Aug 2018 12:24

Tgt Ion: 62 Resp: 469911

Ion Ratio Lower Upper

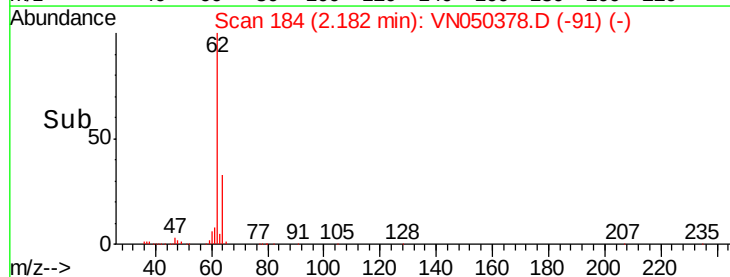
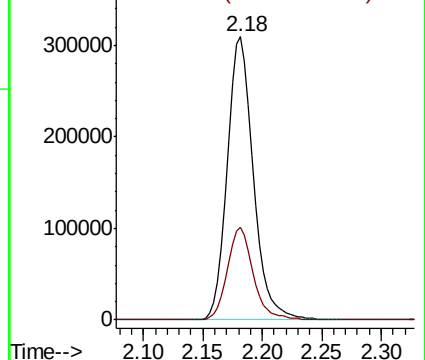
62 100

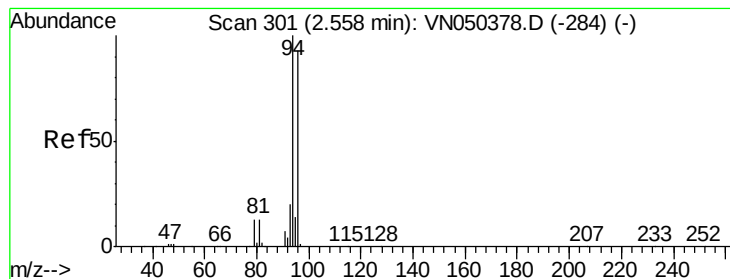
64 32.5 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 46.702 ug/l

RT: 2.56 min Scan# 301

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

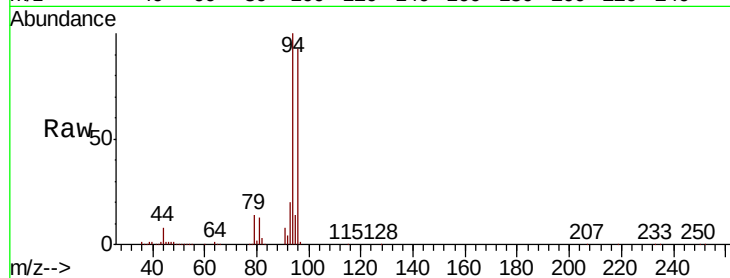
VSTDICCC050

Tot Ion: 94 Resp: 218715

Ion Ratio Lower Upper

94 100

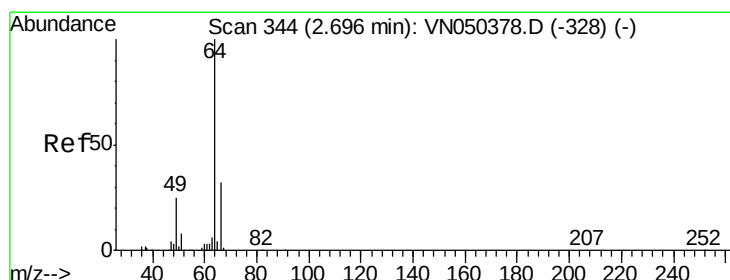
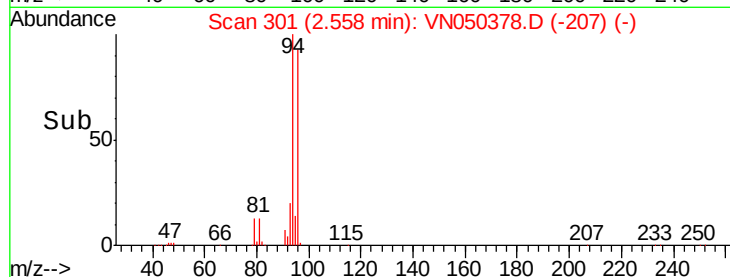
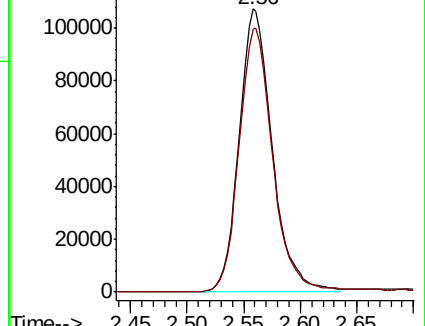
96 92.8 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.56



#6

Chloroethane

Concen: 48.312 ug/l

RT: 2.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VN050378.D

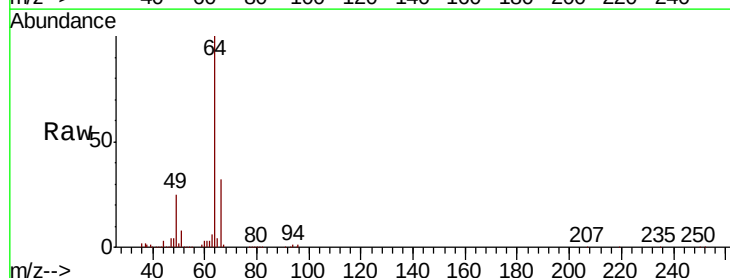
Acq: 6 Aug 2018 12:24

Tgt Ion: 64 Resp: 287606

Ion Ratio Lower Upper

64 100

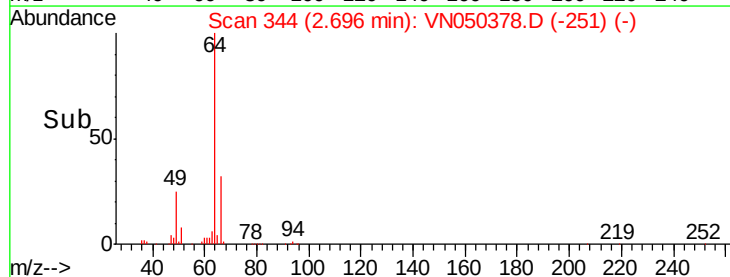
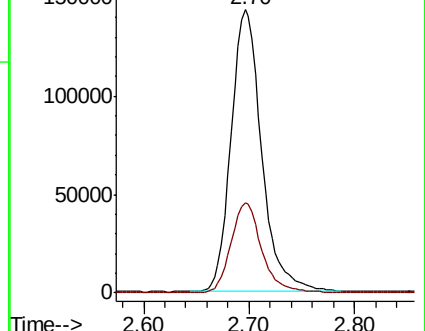
66 32.1 25.3 37.9

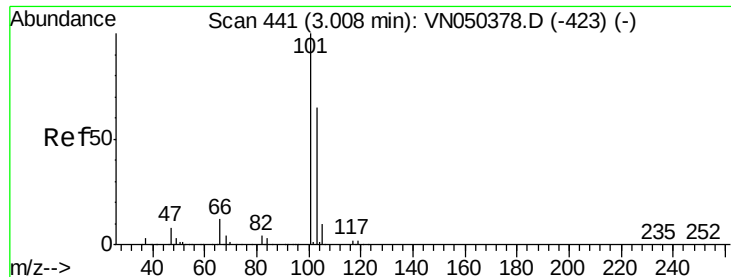


Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.70



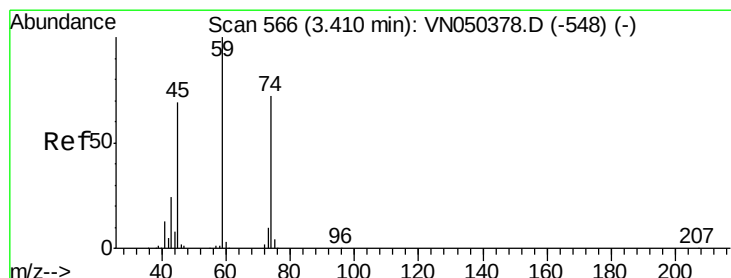
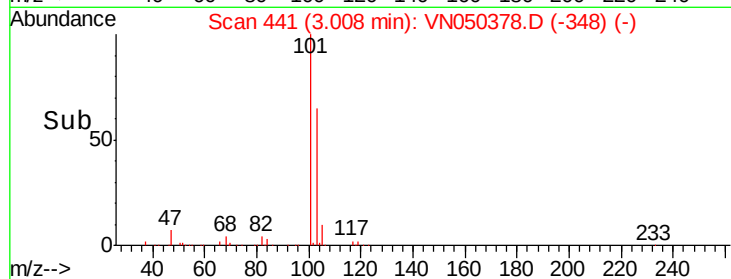
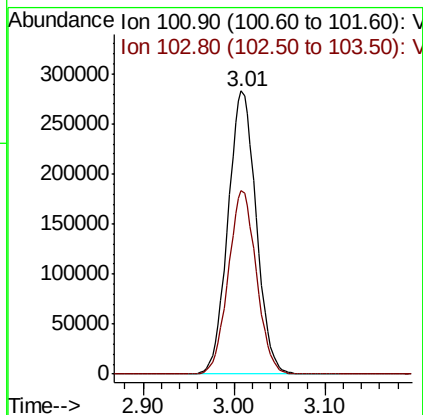
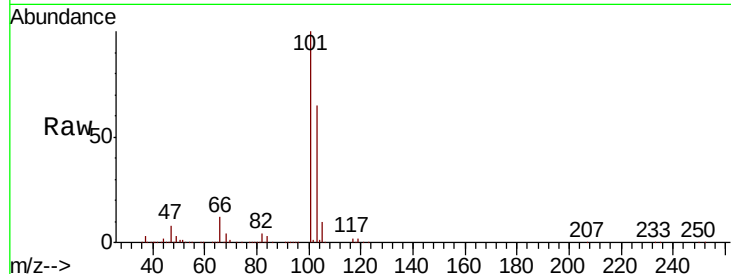


#7

Trichlorofluoromethane  
 Concen: 48.855 ug/l  
 RT: 3.01 min Scan# 441  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

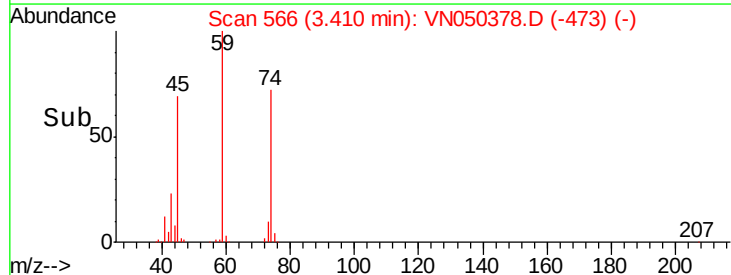
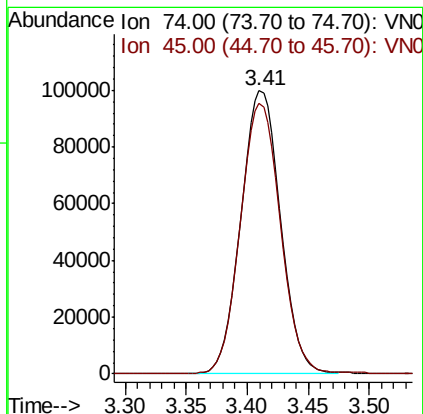
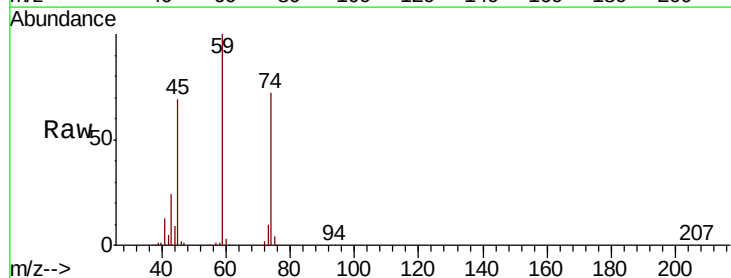
Tot Ion:101 Resp: 609598  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 51.7 77.5



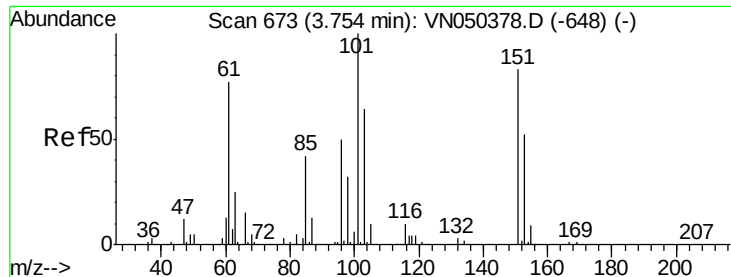
#8

Diethyl Ether  
 Concen: 48.790 ug/l  
 RT: 3.41 min Scan# 566  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

Tgt Ion: 74 Resp: 223258  
 Ion Ratio Lower Upper  
 74 100  
 45 97.0 47.6 142.8







#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.239 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

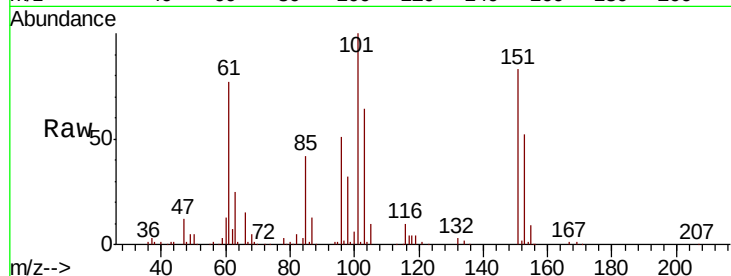
Tot Ion:101 Resp: 371980

Ion Ratio Lower Upper

101 100

85 41.8 34.2 51.2

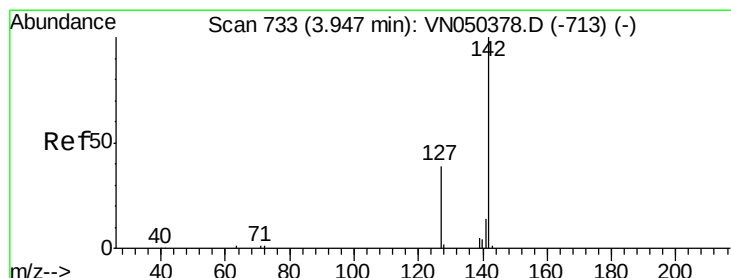
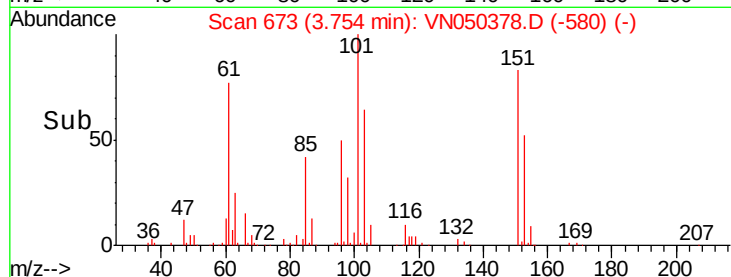
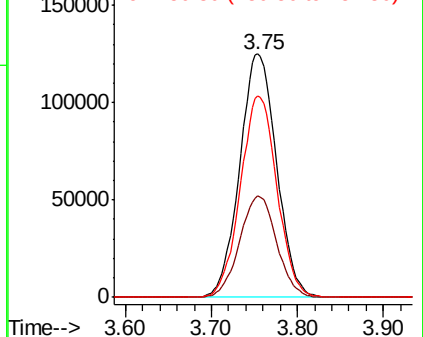
151 82.3 66.3 99.5



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: 47.972 ug/l

RT: 3.95 min Scan# 733

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

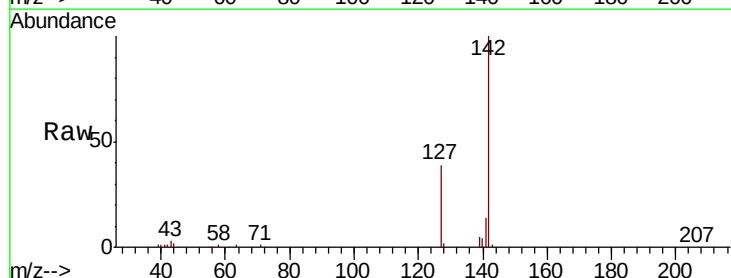
Tgt Ion:142 Resp: 162982

Ion Ratio Lower Upper

142 100

127 39.9 33.4 50.2

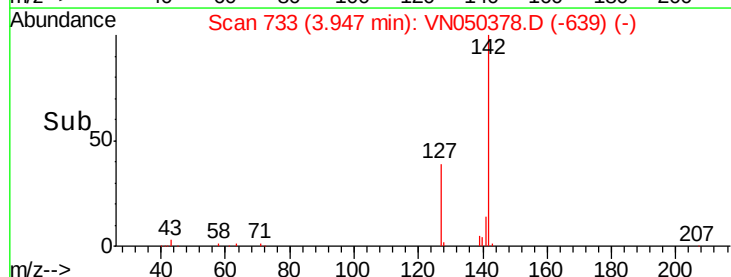
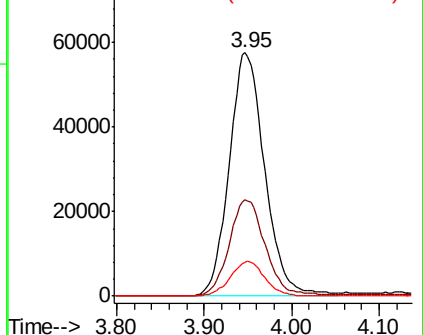
141 13.7 11.6 17.4

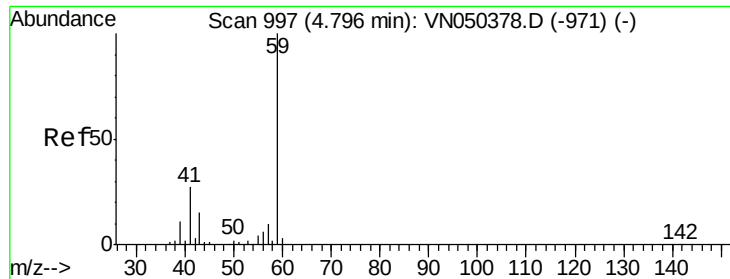


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

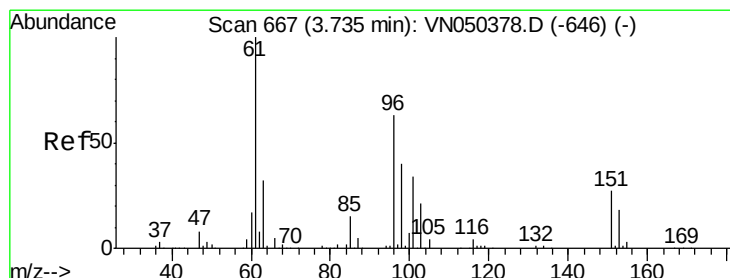
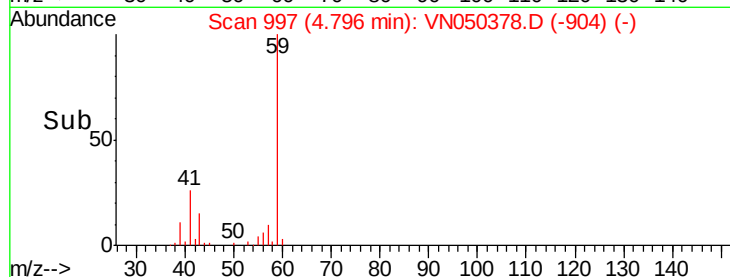
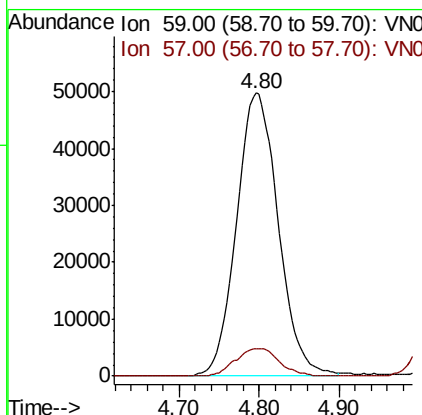
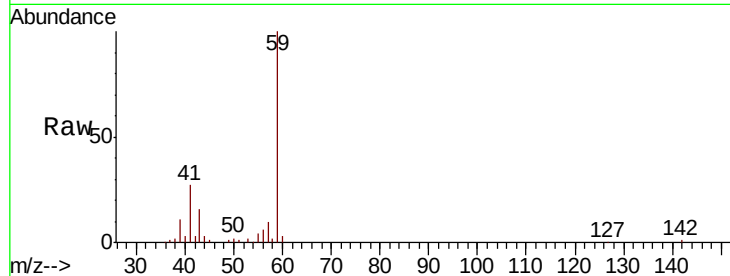




#11  
Tert butyl alcohol  
Concen: 244.695 ug/l  
RT: 4.80 min Scan# 997  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

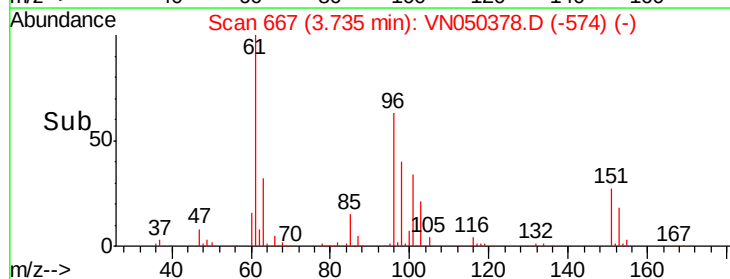
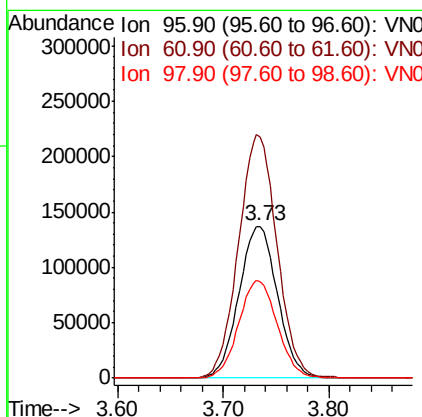
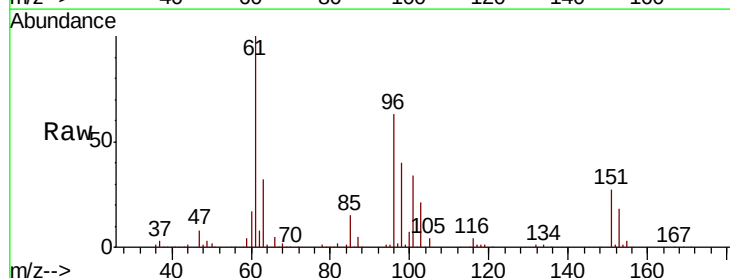
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

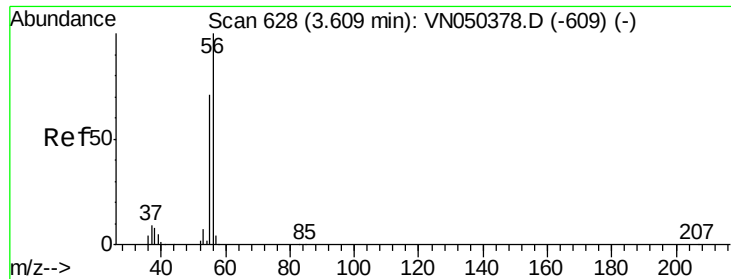
Tot Ion: 59 Resp: 176601  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.5 12.7



#12  
1,1-Dichloroethene  
Concen: 47.986 ug/l  
RT: 3.73 min Scan# 667  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

Tgt Ion: 96 Resp: 348831  
Ion Ratio Lower Upper  
96 100  
61 159.0 124.4 186.6  
98 63.4 48.3 72.5

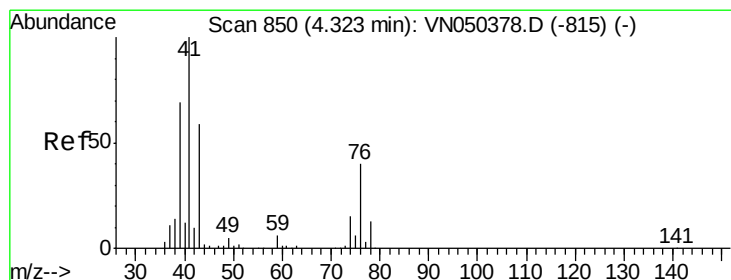
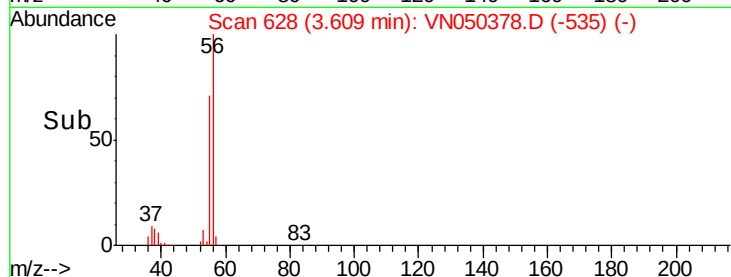
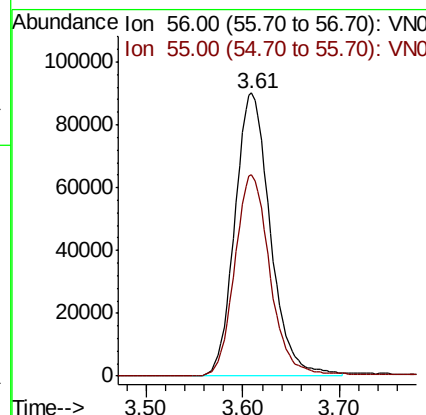
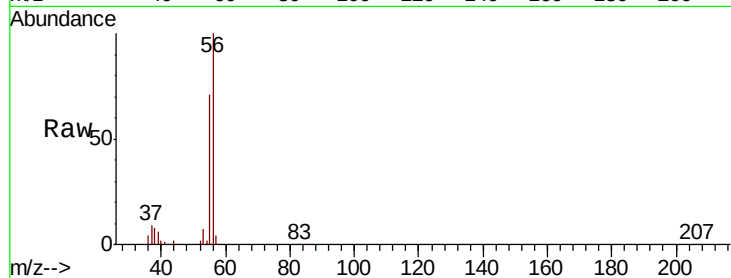




#13  
 Acrolein  
 Concen: 245.191 ug/l  
 RT: 3.61 min Scan# 628  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

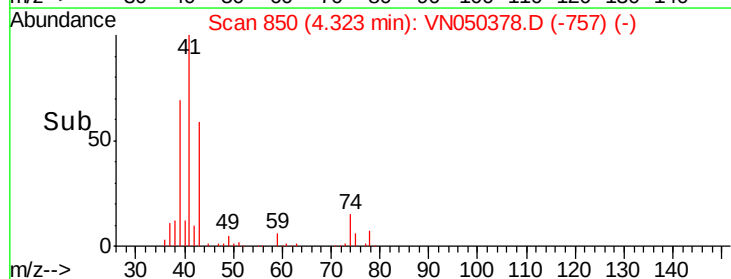
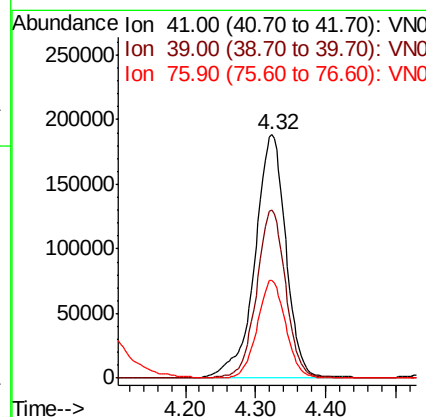
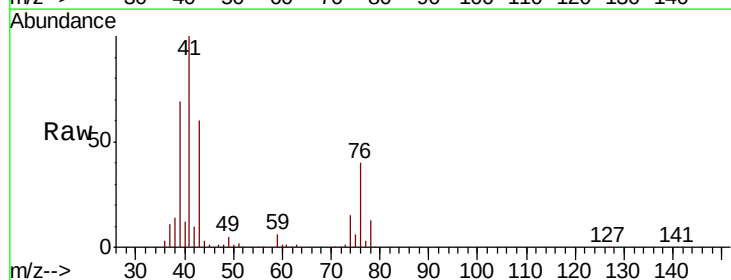
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

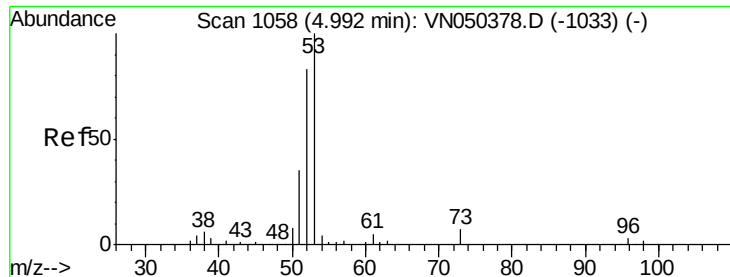
Tot Ion: 56 Resp: 229950  
 Ion Ratio Lower Upper  
 56 100  
 55 70.2 55.8 83.6



#14  
 Allyl chloride  
 Concen: 49.372 ug/l  
 RT: 4.32 min Scan# 850  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

Tgt Ion: 41 Resp: 576378  
 Ion Ratio Lower Upper  
 41 100  
 39 65.3 54.2 81.4  
 76 36.3 29.0 43.6





#15

Acrylonitrile

Concen: 247.403 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

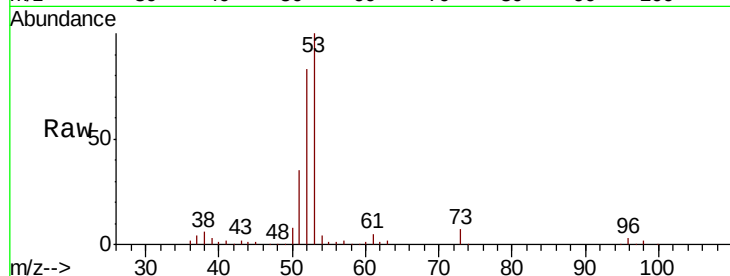
MSVOA\_N

ClientSampled :

VSTDICCC050

Tot Ion: 53 Resp: 747925

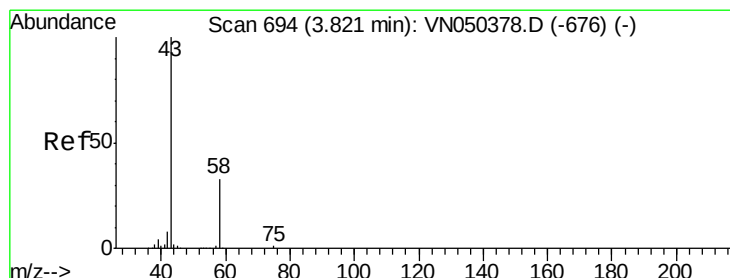
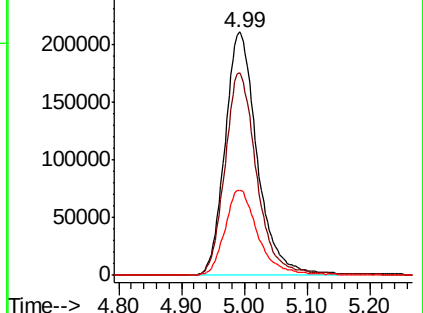
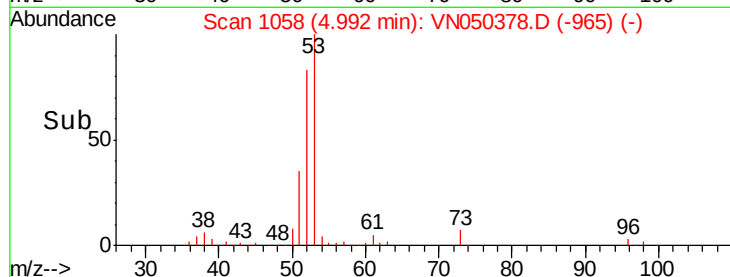
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.1  | 66.2  | 99.2  |
| 51  | 36.0  | 29.3  | 43.9  |



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 242.477 ug/l

RT: 3.82 min Scan# 694

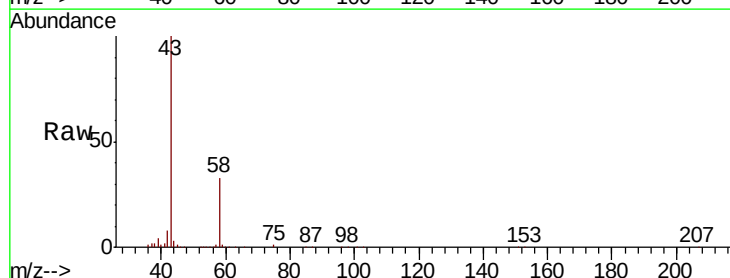
Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

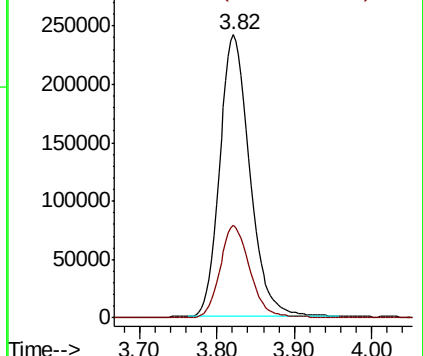
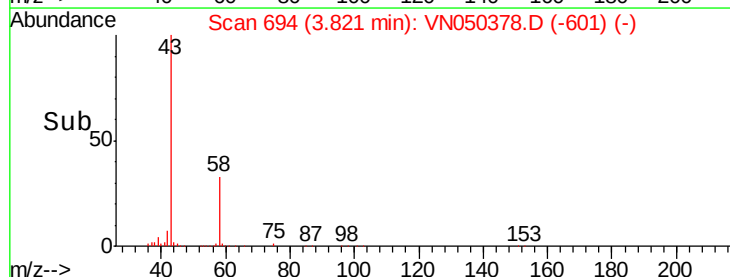
Tgt Ion: 43 Resp: 649691

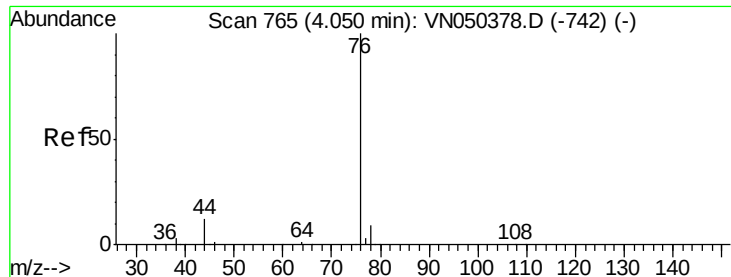
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 32.7  | 25.8  | 38.8  |



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 45.840 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

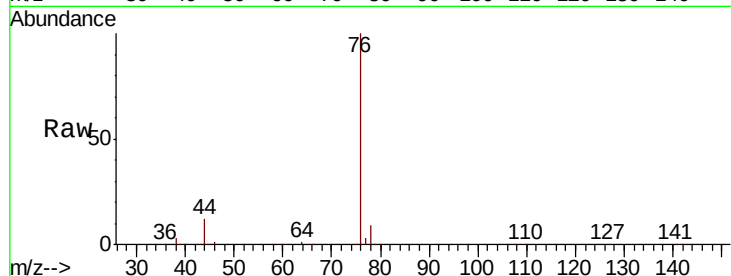
VSTDICCC050

Tot Ion: 76 Resp: 1083577

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

400000

300000

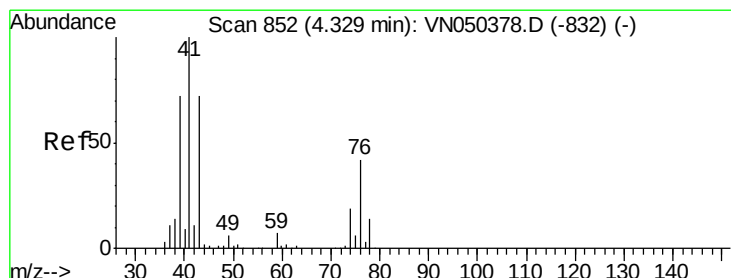
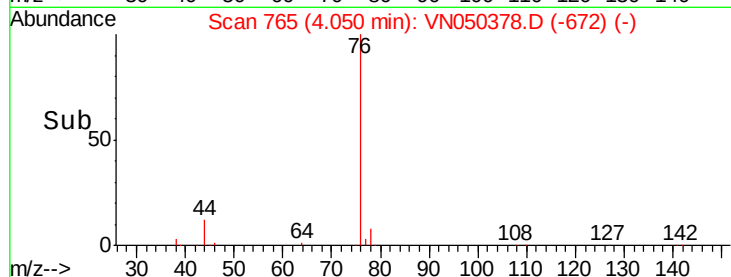
200000

100000

0

3.90 4.00 4.10 4.20 4.30

Time-->



#18

Methyl Acetate

Concen: 48.532 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN050378.D

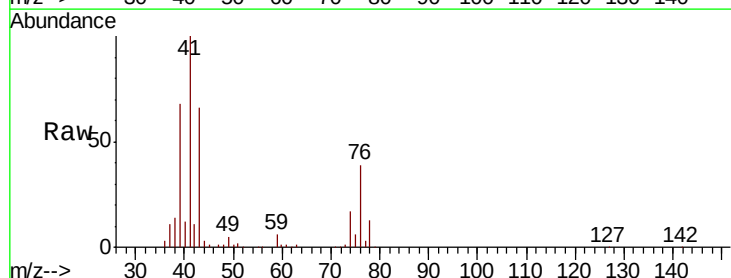
Acq: 6 Aug 2018 12:24

Tgt Ion: 43 Resp: 337917

Ion Ratio Lower Upper

43 100

74 24.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

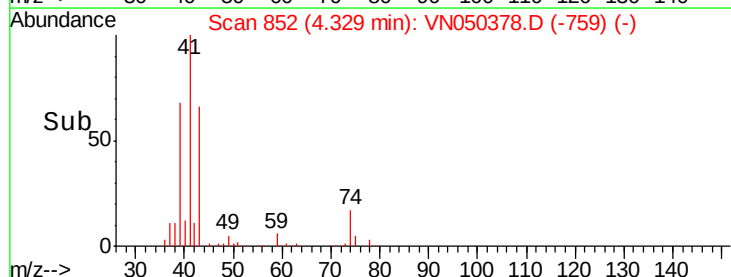
100000

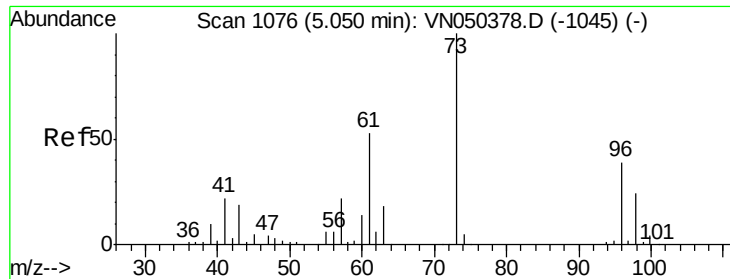
50000

0

4.20 4.30 4.40

Time-->

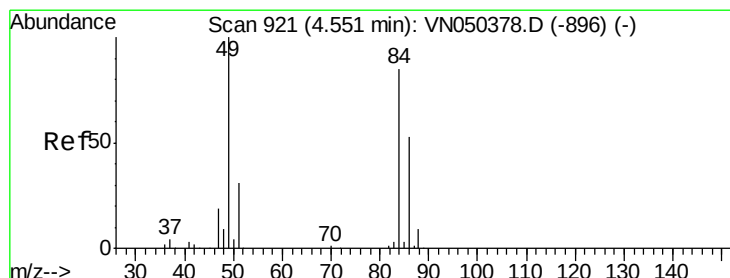
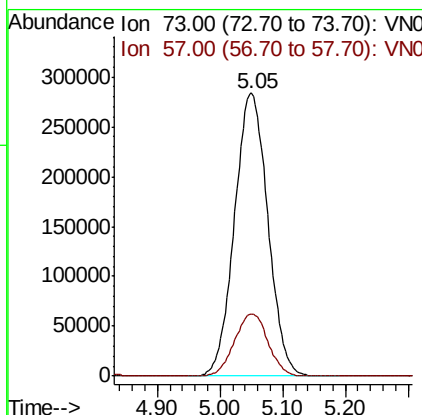
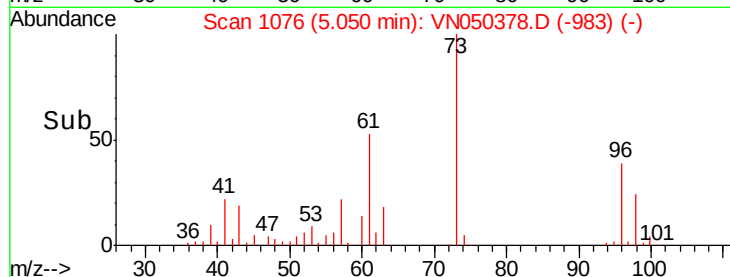
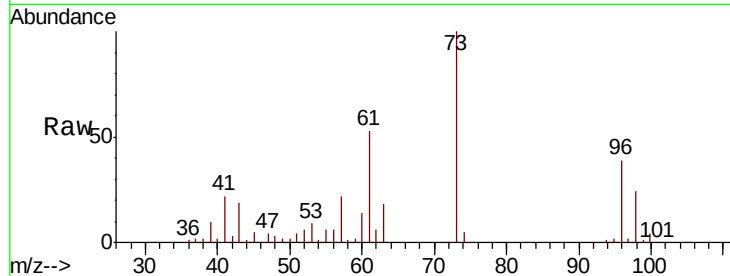




#19  
Methyl tert-butyl Ether  
Concen: 50.684 ug/l  
RT: 5.05 min Scan# 1076  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

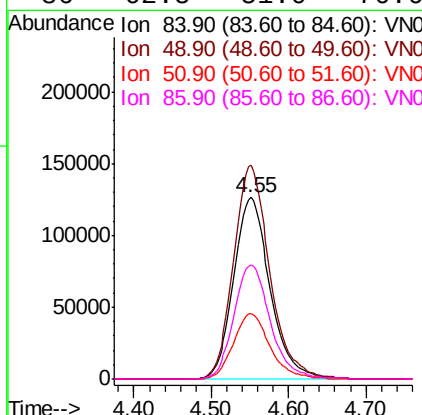
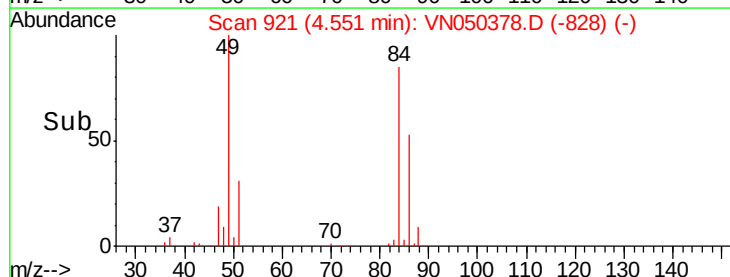
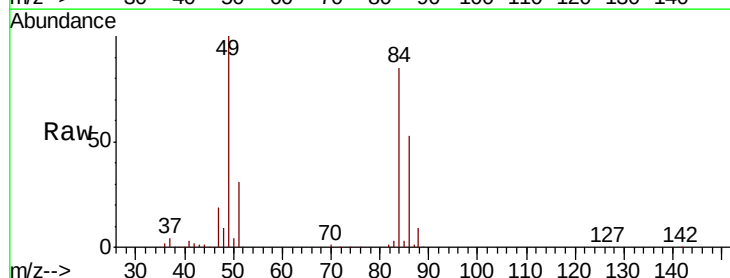
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

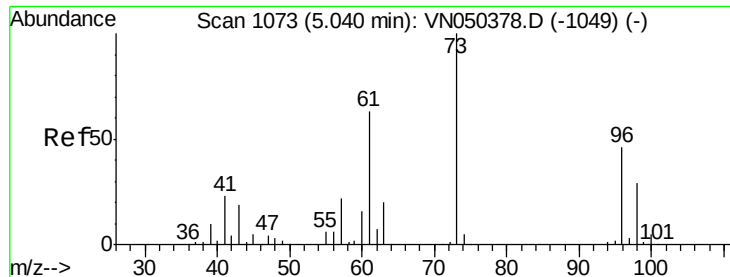
Tot Ion: 73 Resp: 1045789  
Ion Ratio Lower Upper  
73 100  
57 22.1 18.0 27.0



#20  
Methylene Chloride  
Concen: 50.283 ug/l  
RT: 4.55 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

Tgt Ion: 84 Resp: 411940  
Ion Ratio Lower Upper  
84 100  
49 117.5 94.8 142.2  
51 36.0 28.3 42.5  
86 62.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.684 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

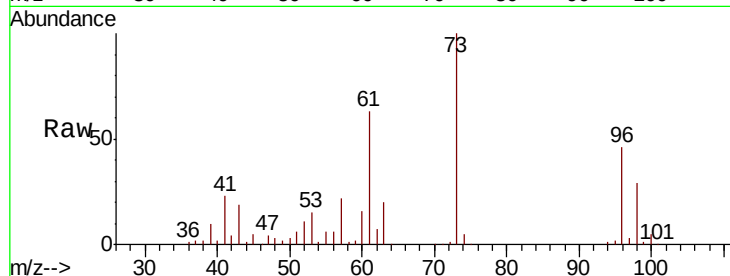
Tot Ion: 96 Resp: 382985

Ion Ratio Lower Upper

96 100

61 137.9 110.7 166.1

98 62.6 51.6 77.4

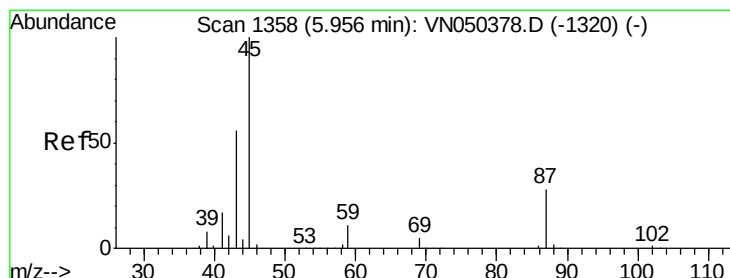
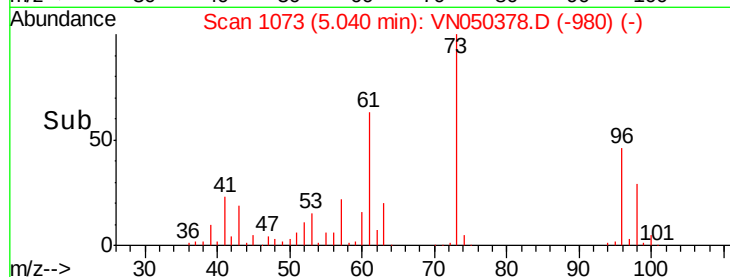
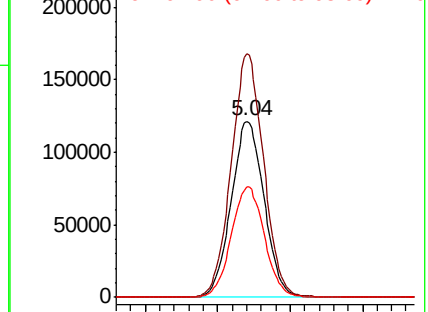


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 51.457 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Tgt Ion: 45 Resp: 1227191

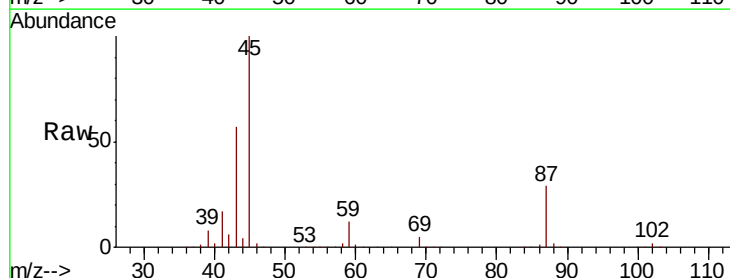
Ion Ratio Lower Upper

45 100

43 56.5 45.7 68.5

87 28.8 22.7 34.1

59 11.6 9.5 14.3



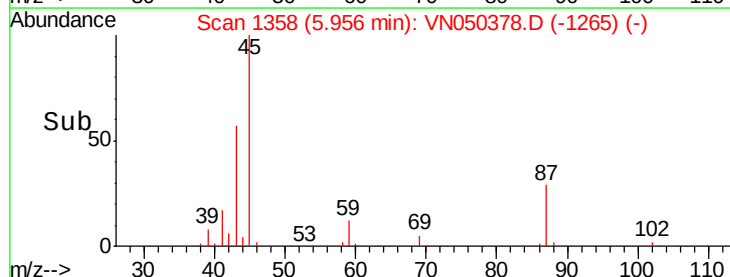
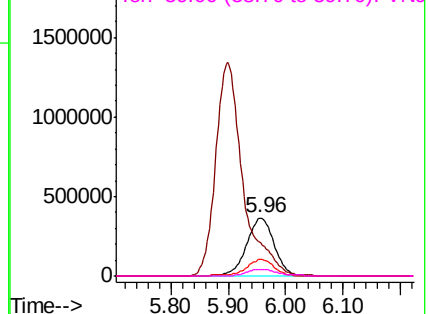
Abundance

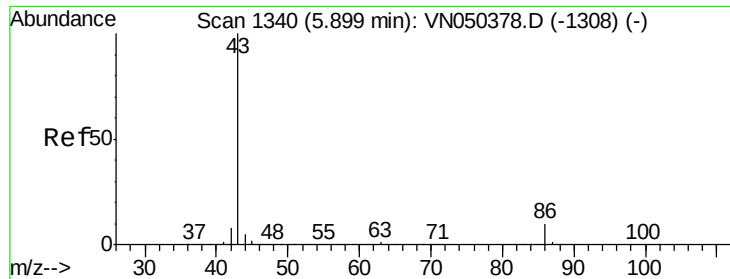
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 262.481 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

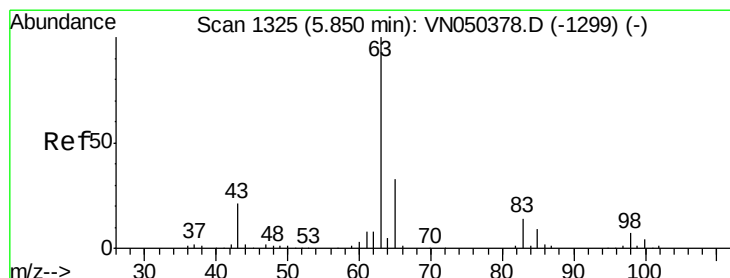
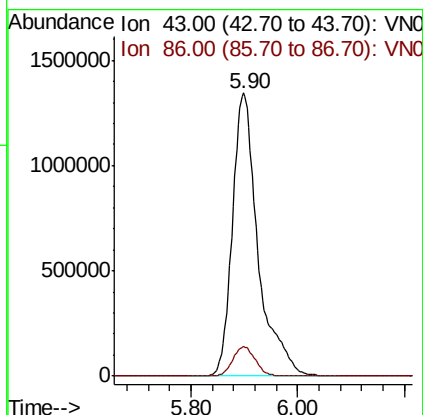
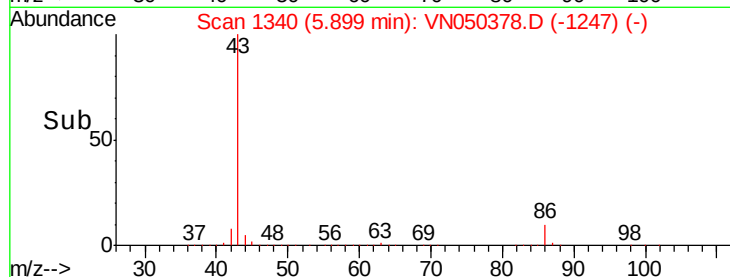
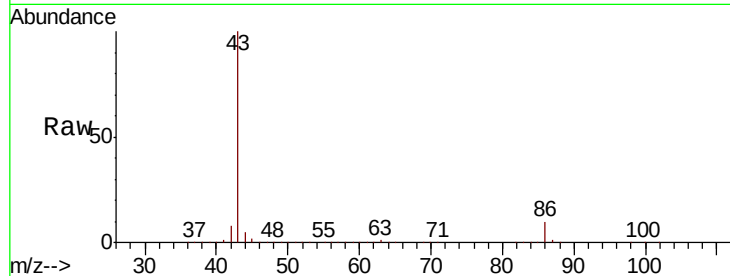
VSTDICCC050

Tot Ion: 43 Resp: 4466242

Ion Ratio Lower Upper

43 100

86 10.4 8.6 13.0



#24

1,1-Dichloroethane

Concen: 48.522 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

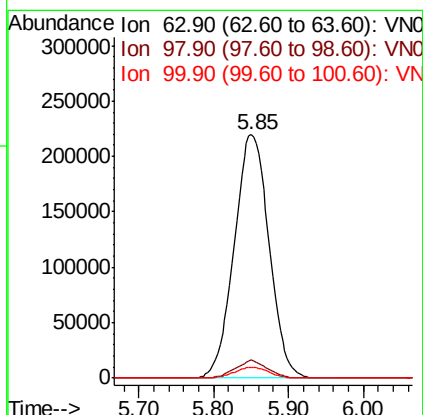
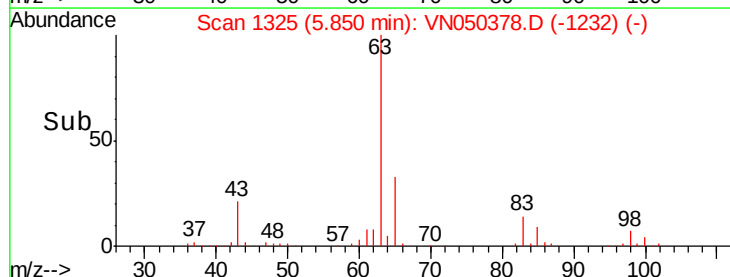
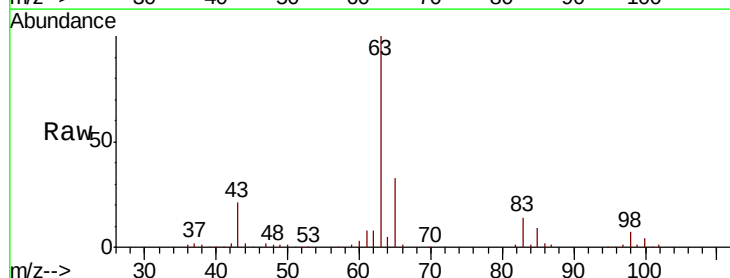
Tgt Ion: 63 Resp: 710052

Ion Ratio Lower Upper

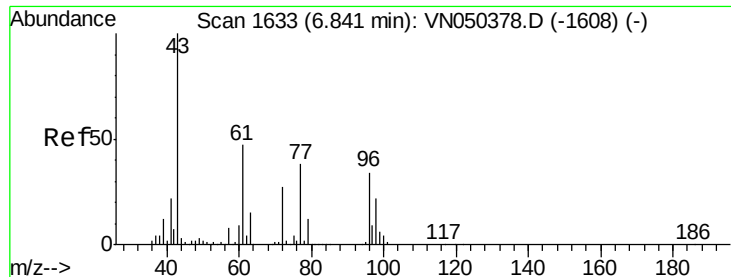
63 100

98 7.3 3.3 9.8

100 4.3 2.1 6.3







#25

2-Butanone

Concen: 250.561 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

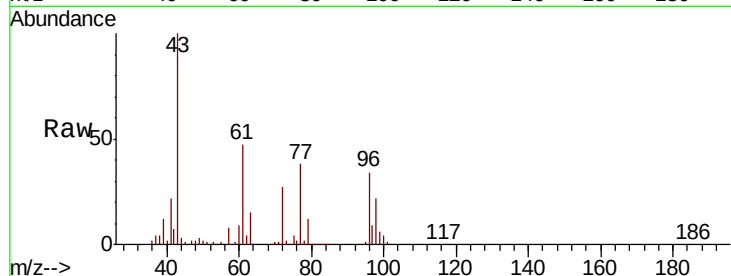
VSTDICCC050

Tot Ion: 43 Resp: 1115474

Ion Ratio Lower Upper

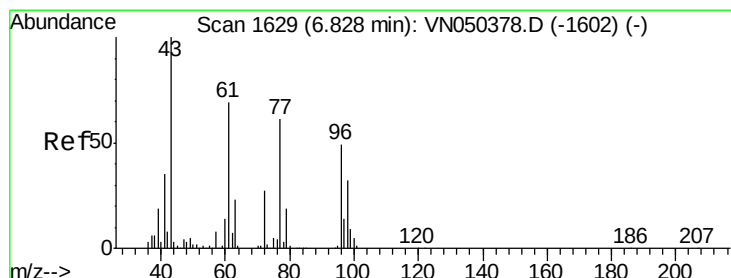
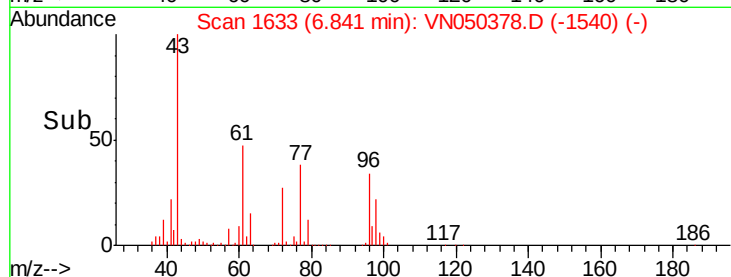
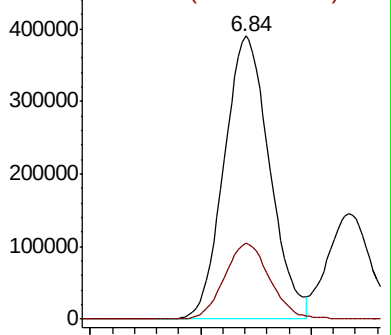
43 100

72 26.9 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 47.726 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN050378.D

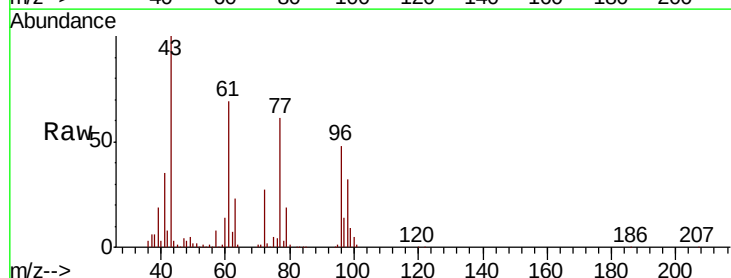
Acq: 6 Aug 2018 12:24

Tgt Ion: 77 Resp: 575736

Ion Ratio Lower Upper

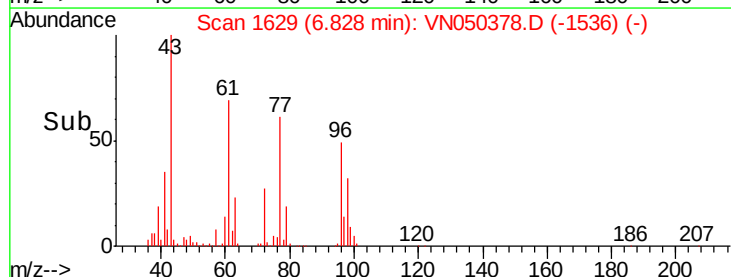
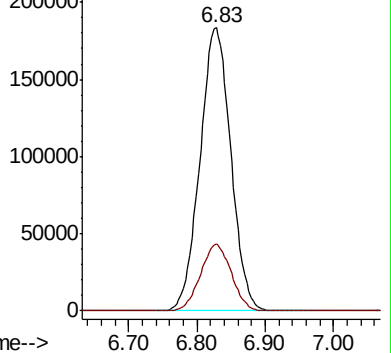
77 100

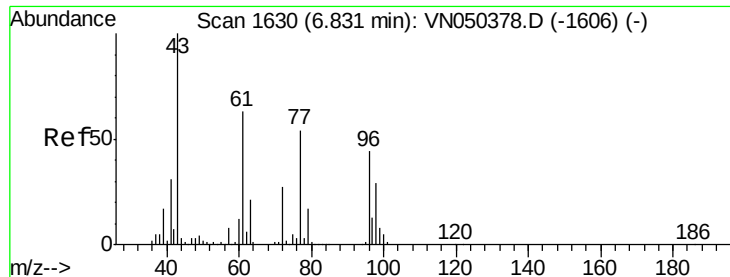
97 23.5 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 49.406 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampled :

VSTDICCC050

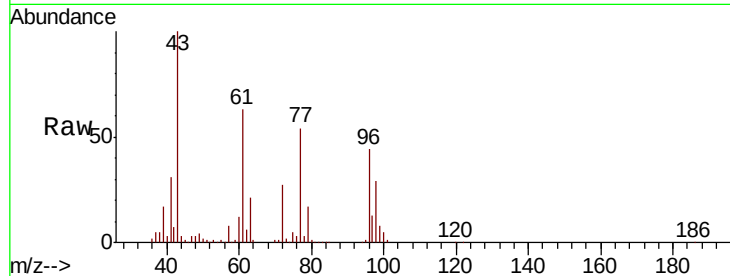
Tot Ion: 96 Resp: 430779

Ion Ratio Lower Upper

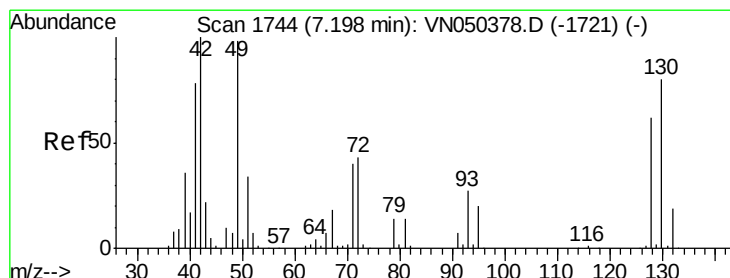
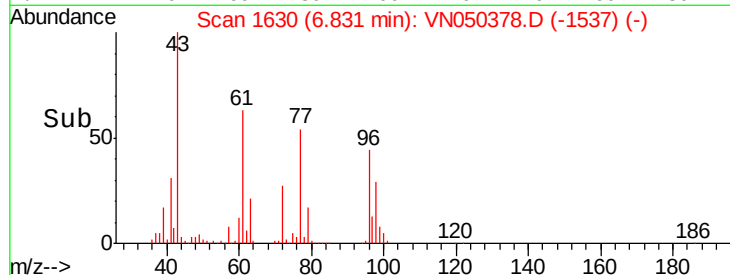
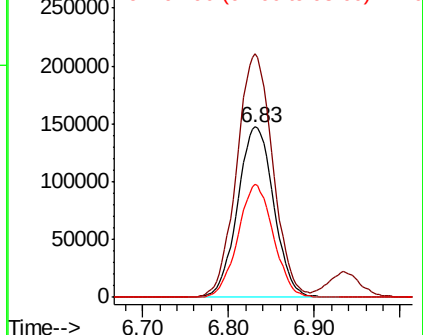
96 100

61 142.5 0.0 285.0

98 65.2 0.0 129.2



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



#28

Bromochloromethane

Concen: 49.296 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

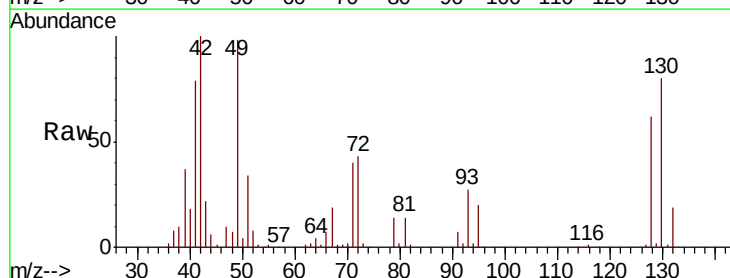
Tgt Ion: 49 Resp: 332072

Ion Ratio Lower Upper

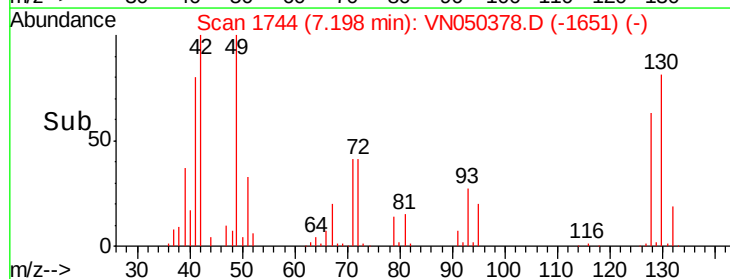
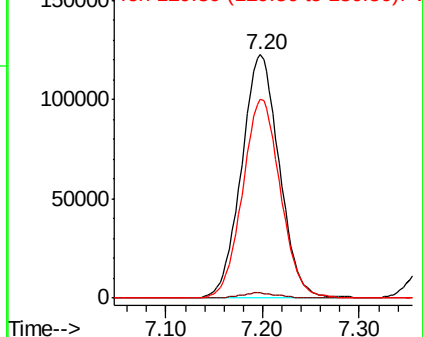
49 100

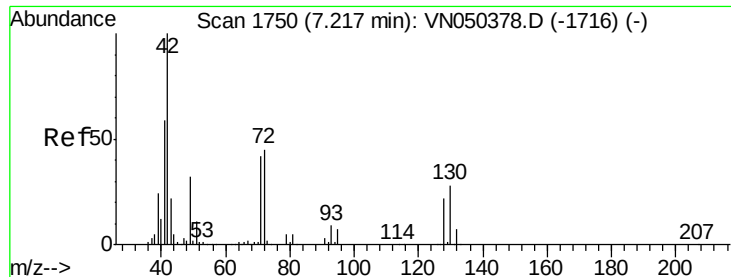
129 2.1 0.0 4.0

130 82.0 66.3 99.5



Abundance Ion 48.90 (48.60 to 49.60): VN0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 249.385 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

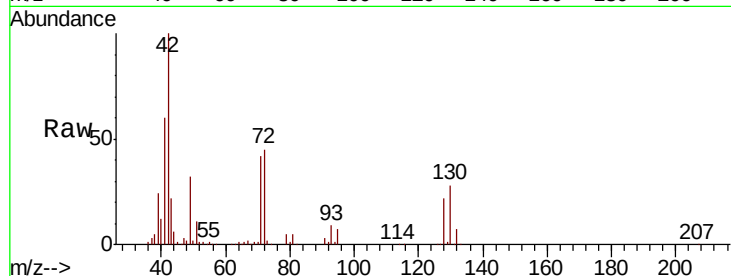
Tot Ion: 42 Resp: 594259

Ion Ratio Lower Upper

42 100

72 44.5 35.9 53.9

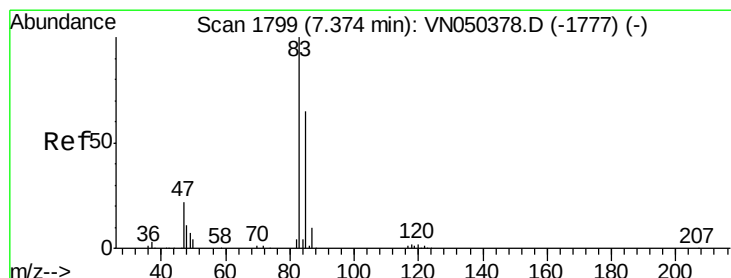
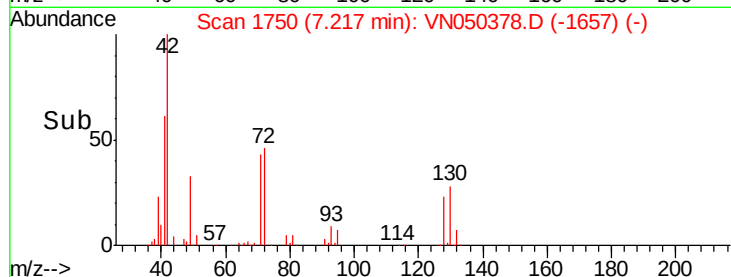
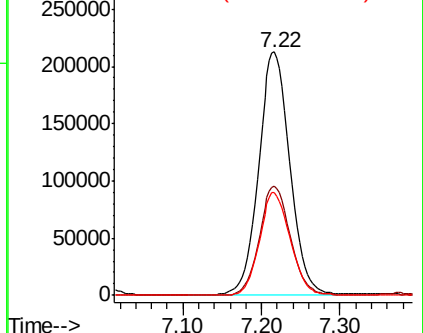
71 41.8 33.7 50.5



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 48.953 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050378.D

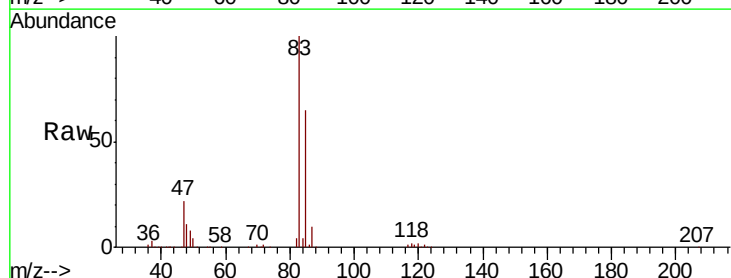
Acq: 6 Aug 2018 12:24

Tgt Ion: 83 Resp: 716133

Ion Ratio Lower Upper

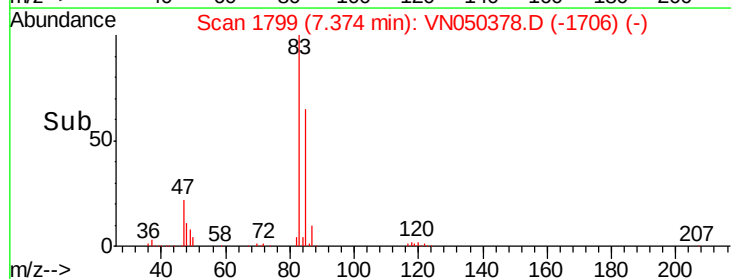
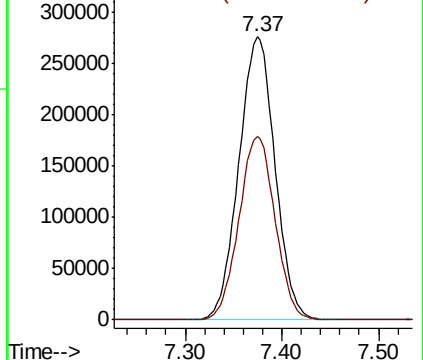
83 100

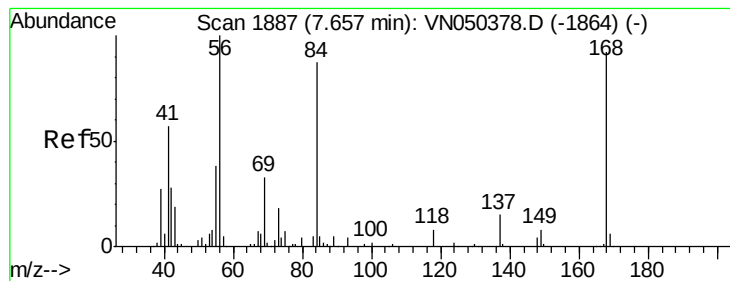
85 64.7 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 49.398 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

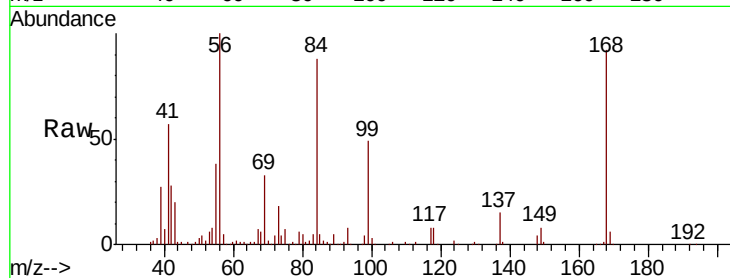
Tot Ion: 56 Resp: 636303

Ion Ratio Lower Upper

56 100

69 33.2 26.2 39.4

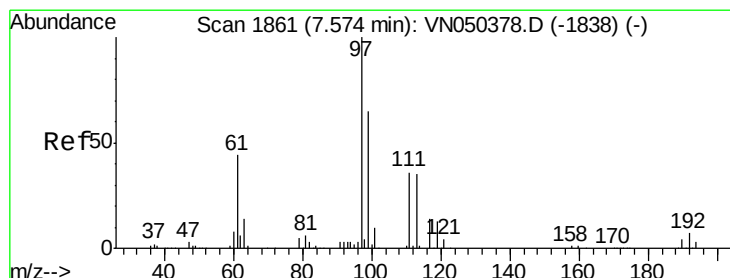
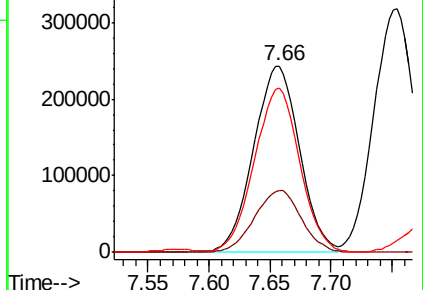
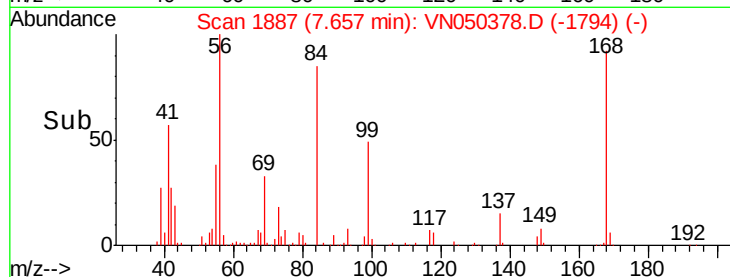
84 86.6 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN050378.D (-1864) (-)

Ion 69.00 (68.70 to 69.70): VN050378.D (-1864) (-)

Ion 84.00 (83.70 to 84.70): VN050378.D (-1864) (-)



#32

1,1,1-Trichloroethane

Concen: 49.004 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

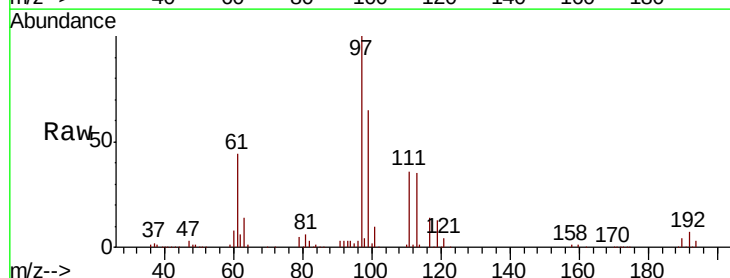
Tgt Ion: 97 Resp: 615667

Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

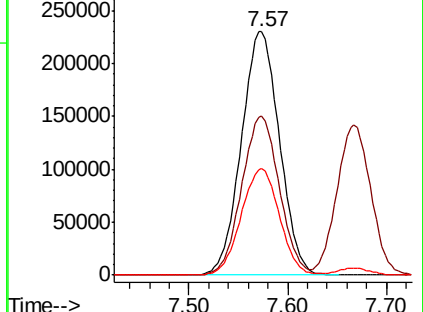
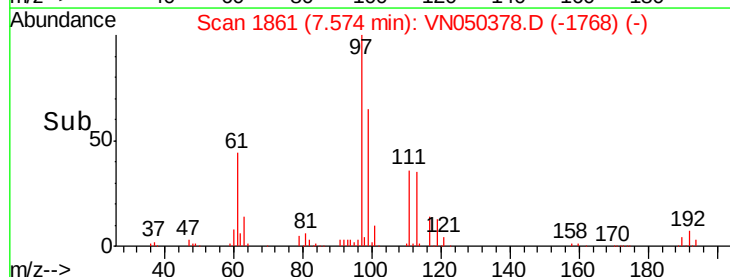
61 43.7 35.4 53.0

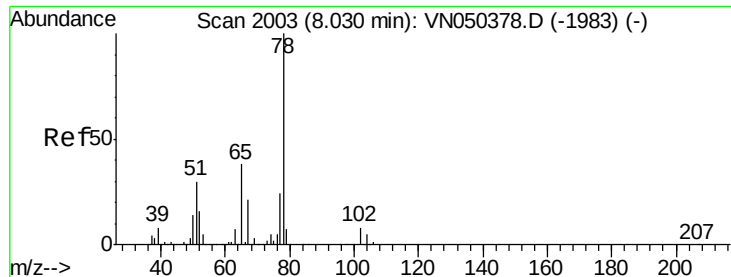


Abundance Ion 96.90 (96.60 to 97.60): VN050378.D (-1838) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1838) (-)

Ion 60.90 (60.60 to 61.60): VN050378.D (-1838) (-)

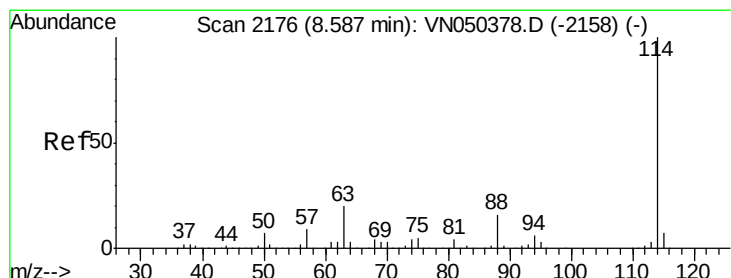
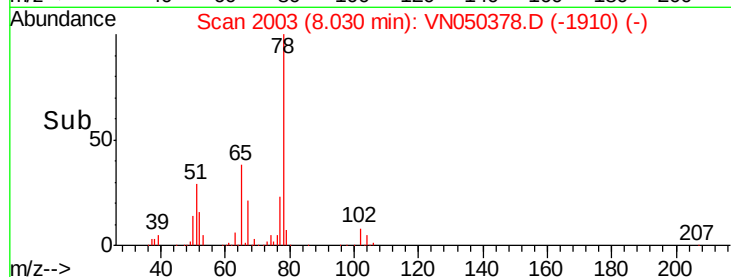
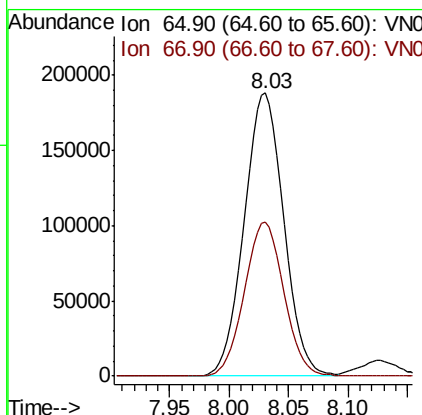
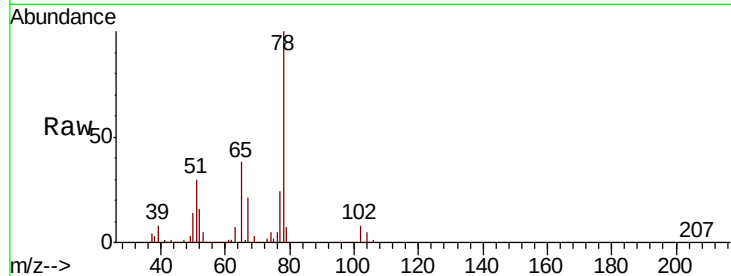




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.313 ug/l  
 RT: 8.03 min Scan# 2003  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

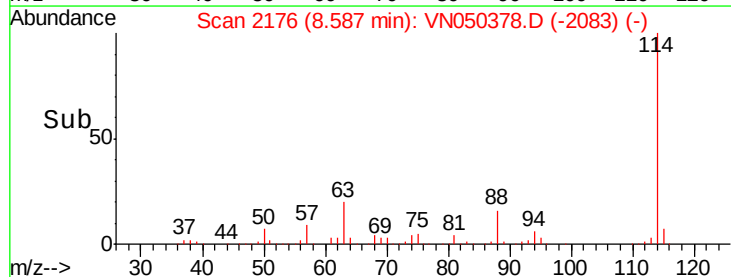
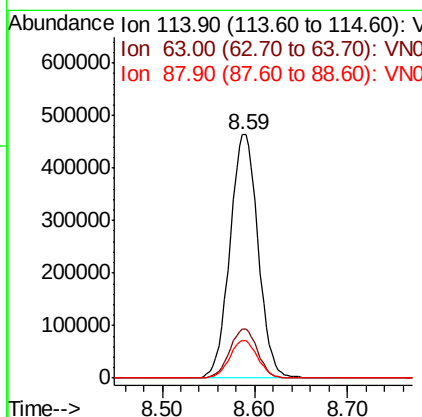
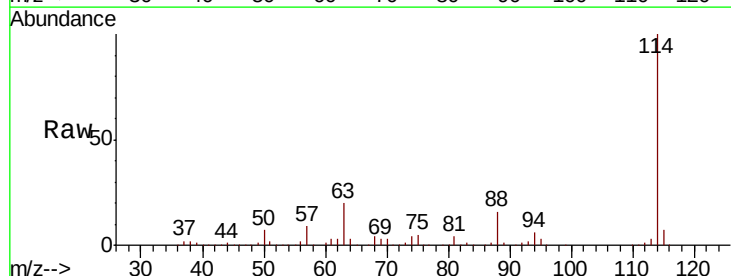
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

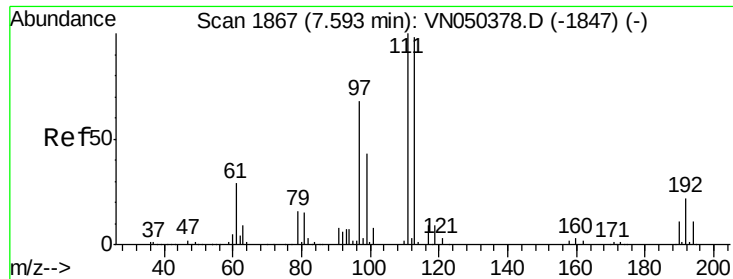
Tot Ion: 65 Resp: 434046  
 Ion Ratio Lower Upper  
 65 100  
 67 54.3 0.0 108.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2176  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

Tgt Ion: 114 Resp: 976500  
 Ion Ratio Lower Upper  
 114 100  
 63 20.1 0.0 40.0  
 88 15.6 0.0 31.2

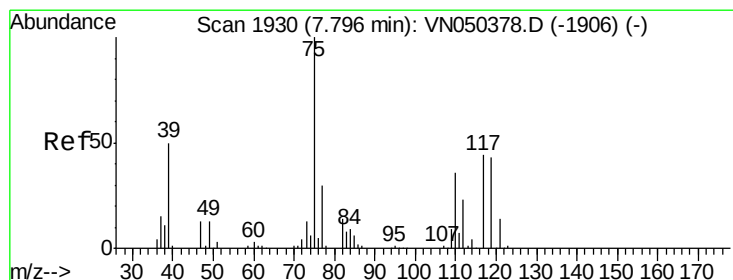
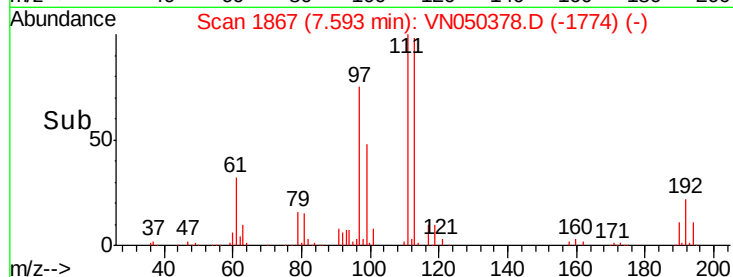
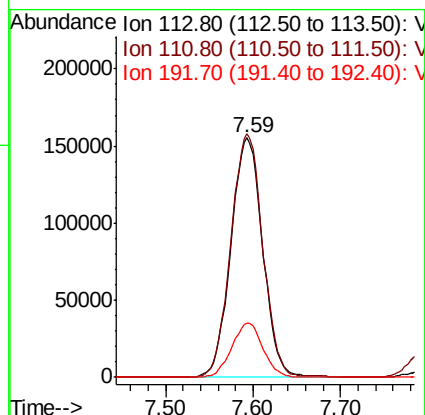
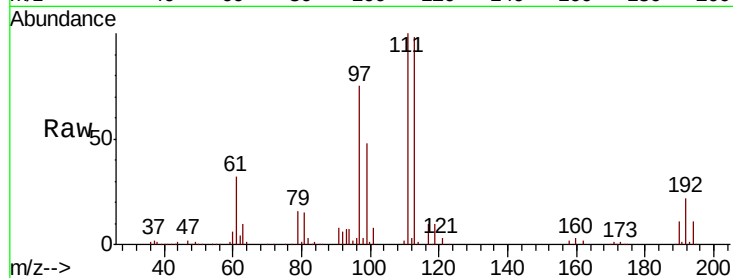




#35  
 Dibromofluoromethane  
 Concen: 49.916 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

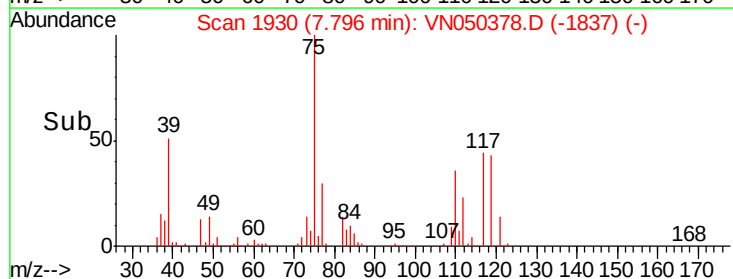
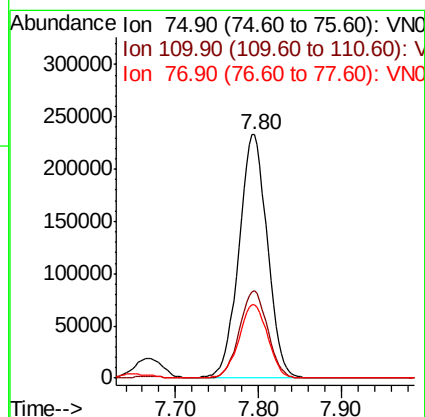
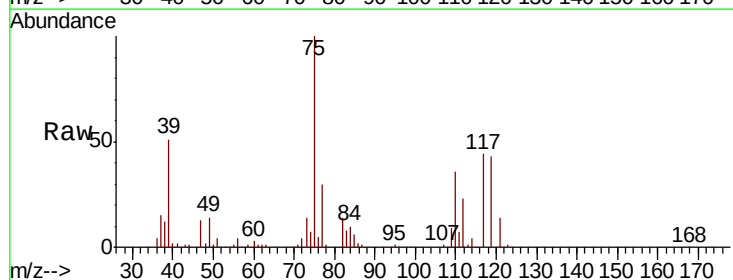
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

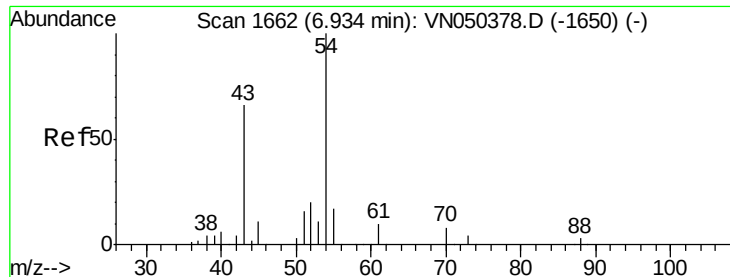
Tot Ion:113 Resp: 391111  
 Ion Ratio Lower Upper  
 113 100  
 111 102.3 80.7 121.1  
 192 22.3 17.8 26.6



#36  
 1,1-Dichloropropene  
 Concen: 51.739 ug/l  
 RT: 7.80 min Scan# 1930  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

Tgt Ion: 75 Resp: 555126  
 Ion Ratio Lower Upper  
 75 100  
 110 35.7 18.4 55.2  
 77 30.8 25.3 37.9

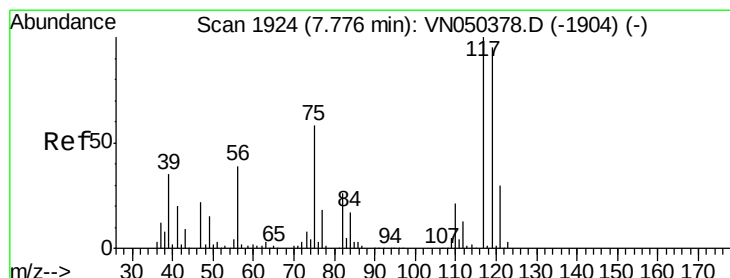
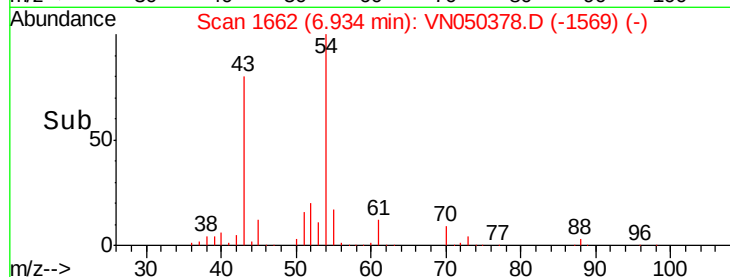
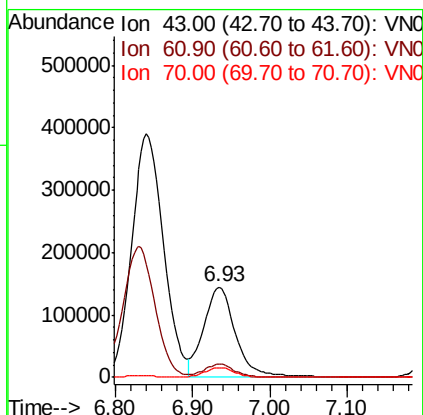
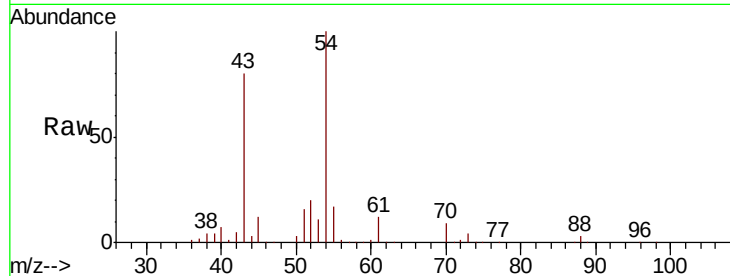




#37  
Ethyl Acetate  
Concen: 53.093 ug/l  
RT: 6.93 min Scan# 1662  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

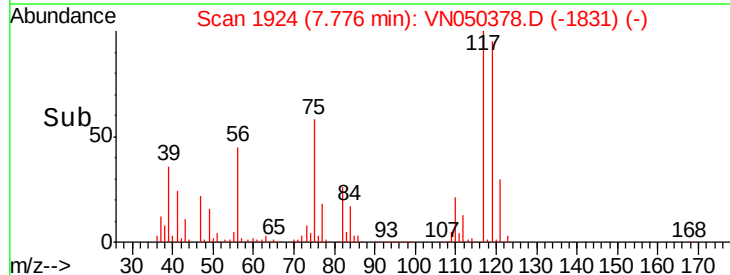
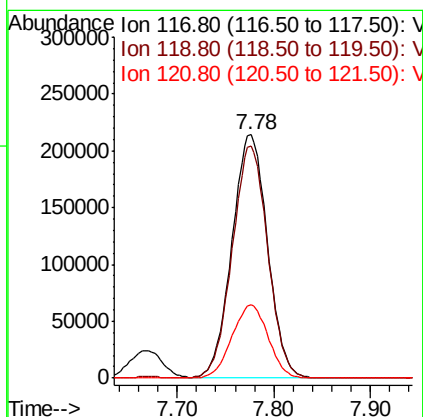
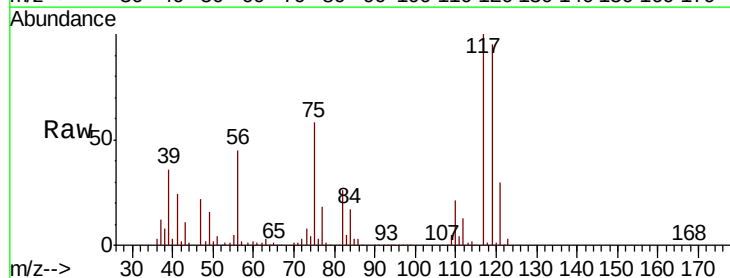
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

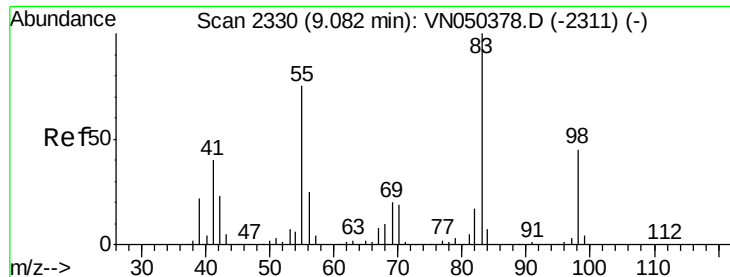
Tot Ion: 43 Resp: 410228  
Ion Ratio Lower Upper  
43 100  
61 14.0 11.8 17.8  
70 10.4 8.4 12.6



#38  
Carbon Tetrachloride  
Concen: 48.966 ug/l  
RT: 7.78 min Scan# 1924  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

Tgt Ion: 117 Resp: 548065  
Ion Ratio Lower Upper  
117 100  
119 95.1 77.4 116.0  
121 30.2 23.9 35.9

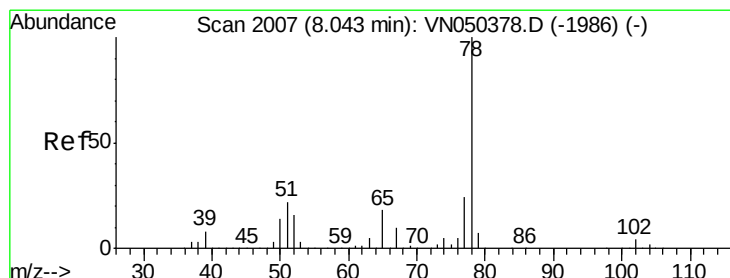
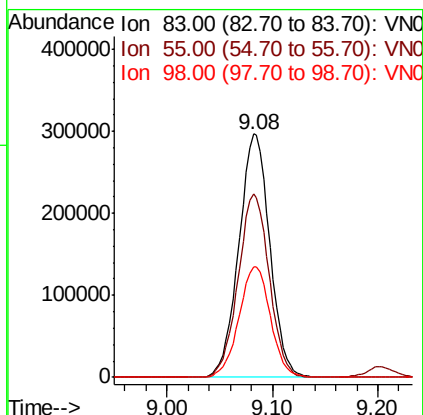
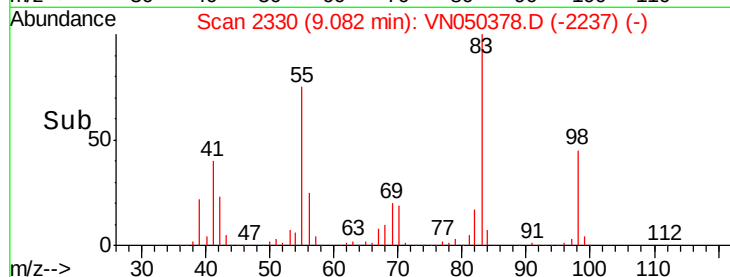
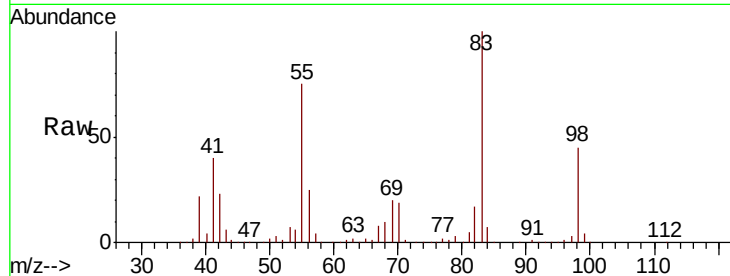




#39  
Methylvlcyclohexane  
Concen: 51.755 ug/l  
RT: 9.08 min Scan# 2330  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

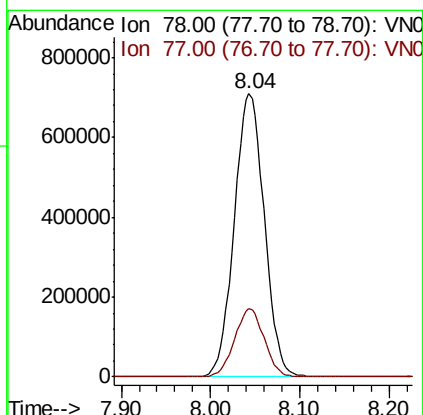
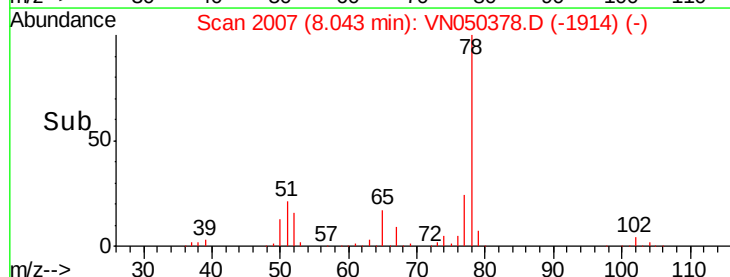
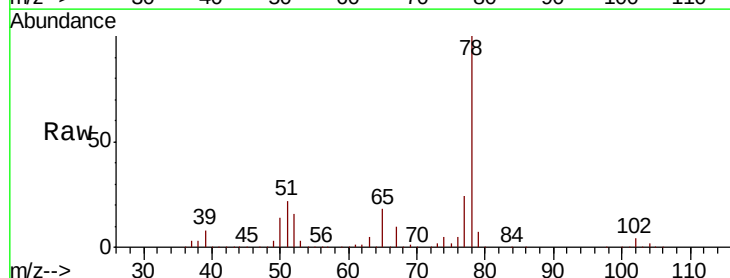
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tot Ion: 83 Resp: 606130  
Ion Ratio Lower Upper  
83 100  
55 75.4 61.8 92.8  
98 45.2 36.5 54.7

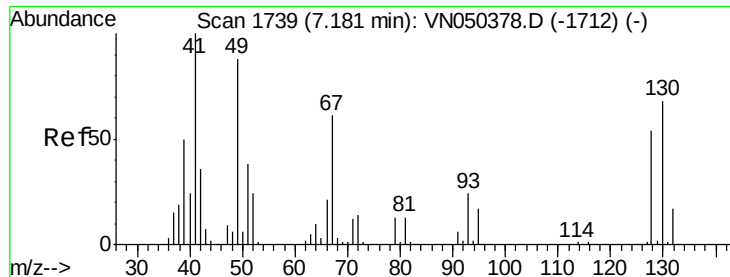


#40  
Benzene  
Concen: 50.312 ug/l  
RT: 8.04 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

Tgt Ion: 78 Resp: 1659585  
Ion Ratio Lower Upper  
78 100  
77 24.0 18.7 28.1







#41

Methacrylonitrile

Concen: 50.613 ug/l

RT: 7.18 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 207948

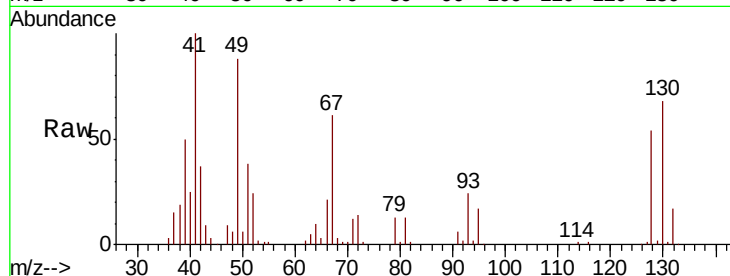
Ion Ratio Lower Upper

41 100

39 52.4 55.8 83.6#

67 83.7 84.3 126.5#

52 32.5 34.2 51.2#



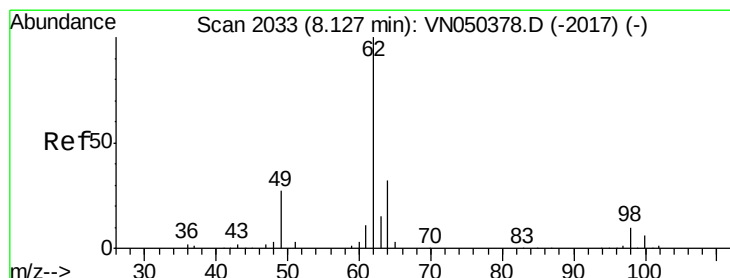
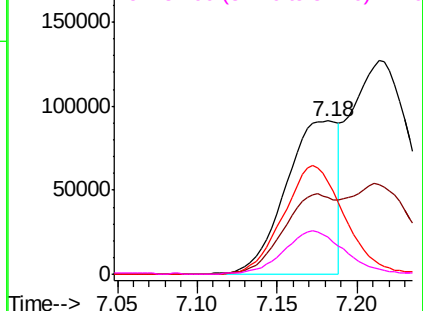
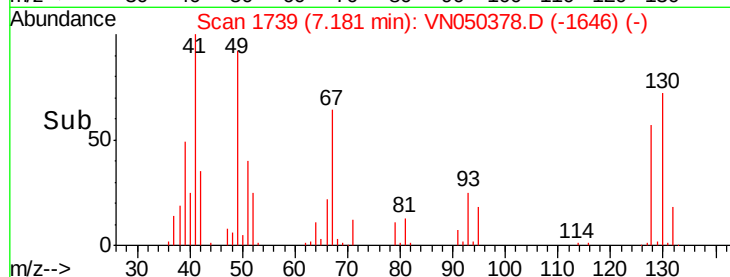
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 50.266 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN050378.D

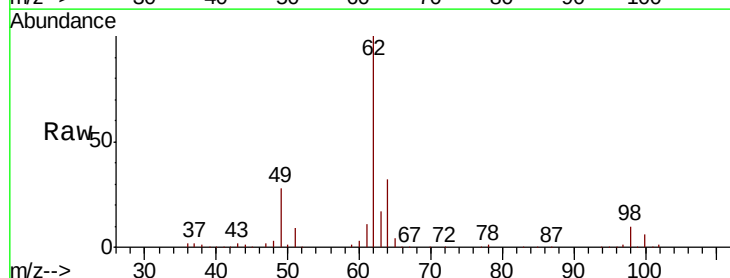
Acq: 6 Aug 2018 12:24

Tgt Ion: 62 Resp: 526377

Ion Ratio Lower Upper

62 100

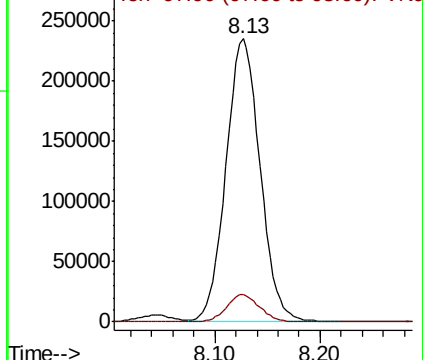
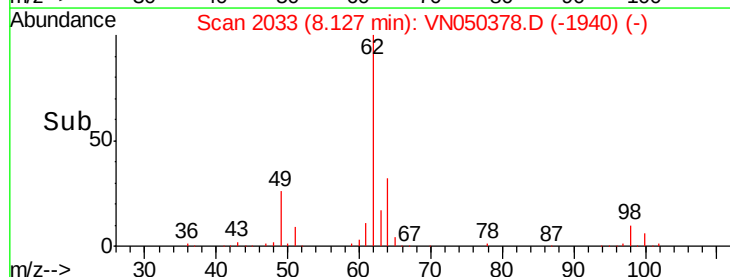
98 9.4 0.0 18.8

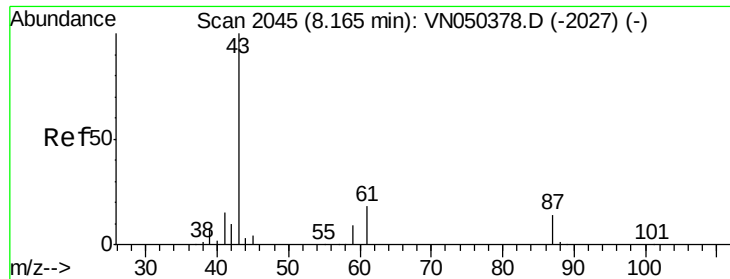


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 50.888 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

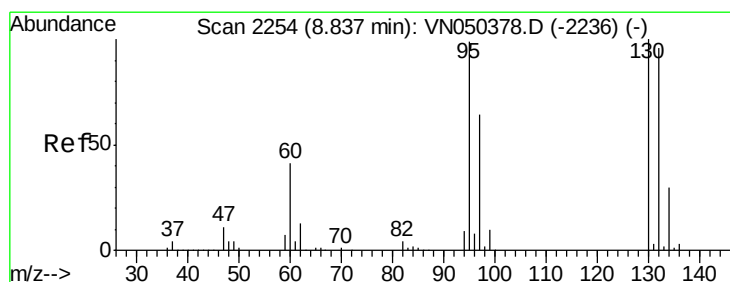
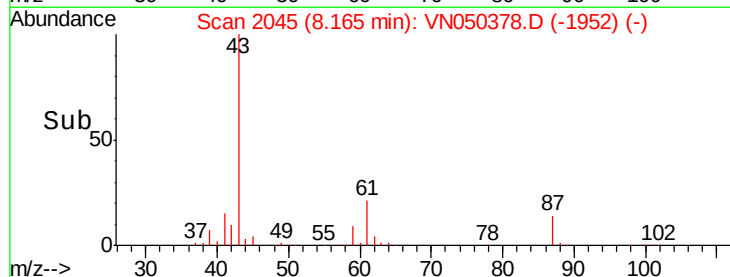
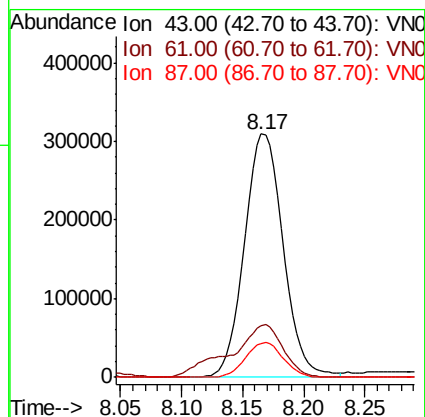
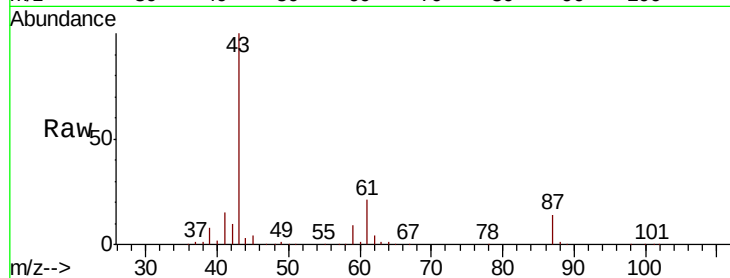
MSVOA\_N

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 678764

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 29.1  | 15.8  | 23.6# |
| 87  | 14.0  | 10.3  | 15.5  |



#44

Trichloroethene

Concen: 48.869 ug/l

RT: 8.84 min Scan# 2254

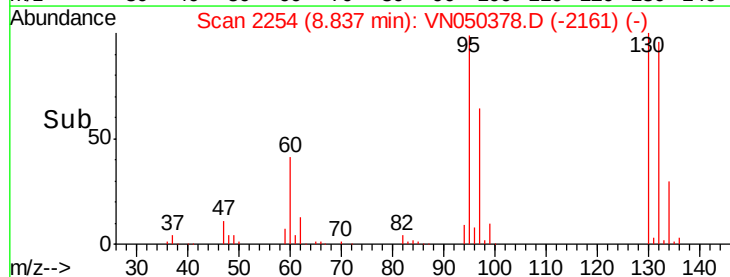
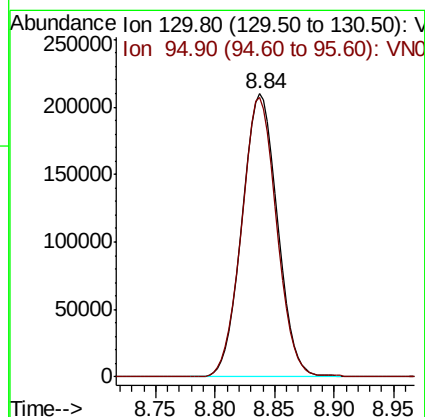
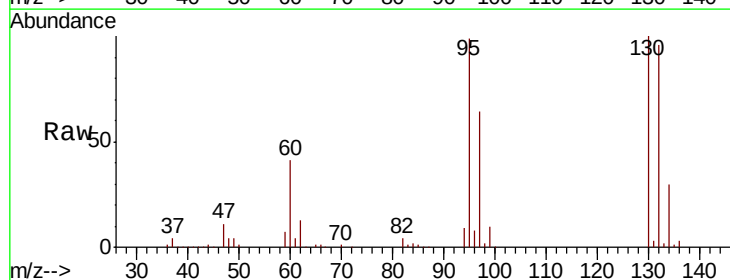
Delta R.T. 0.00 min

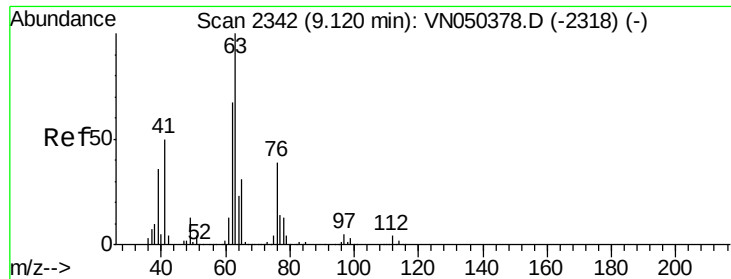
Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Tgt Ion: 130 Resp: 433143

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 98.9  | 0.0   | 194.6 |

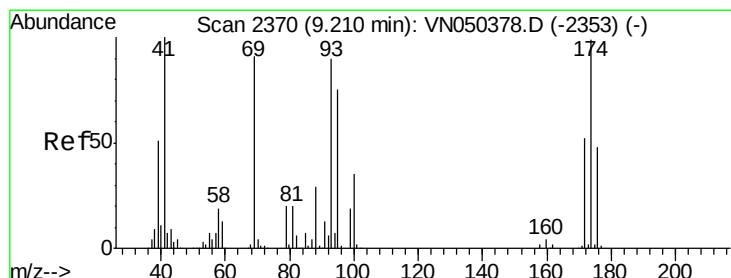
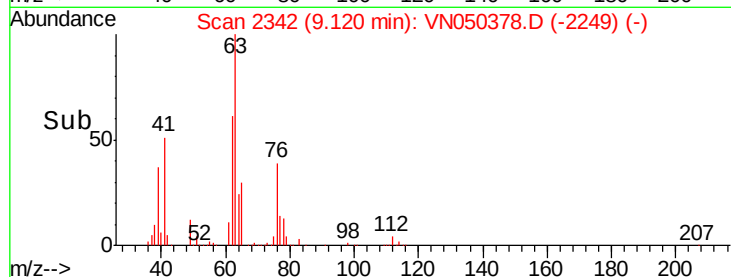
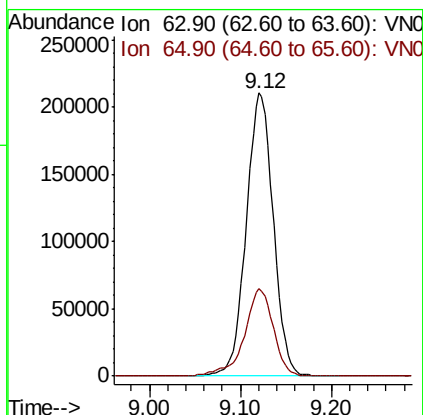
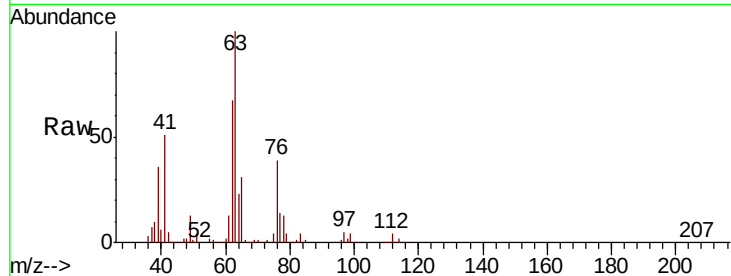




#45  
 1,2-Dichloropropane  
 Concen: 50.080 ug/l  
 RT: 9.12 min Scan# 2342  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

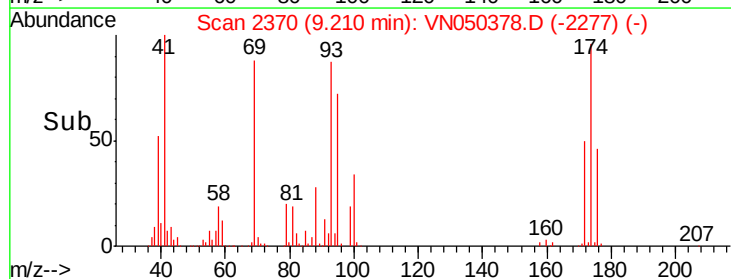
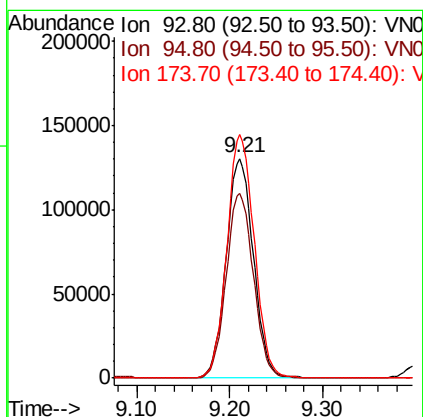
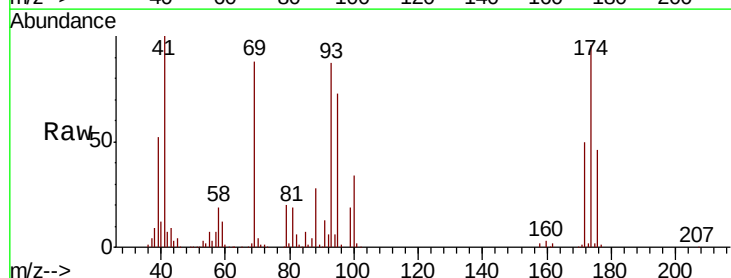
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

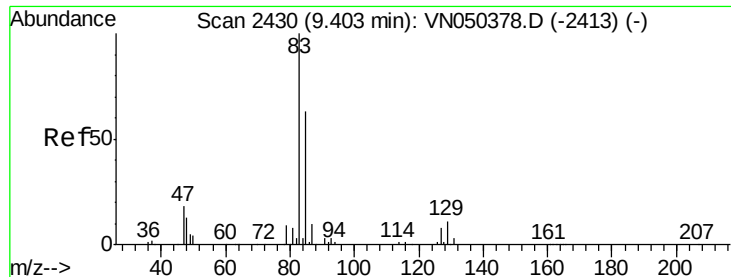
Tot Ion: 63 Resp: 434312  
 Ion Ratio Lower Upper  
 63 100  
 65 30.7 25.5 38.3



#46  
 Dibromomethane  
 Concen: 49.847 ug/l  
 RT: 9.21 min Scan# 2370  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

Tgt Ion: 93 Resp: 266943  
 Ion Ratio Lower Upper  
 93 100  
 95 83.9 66.6 100.0  
 174 110.7 87.1 130.7

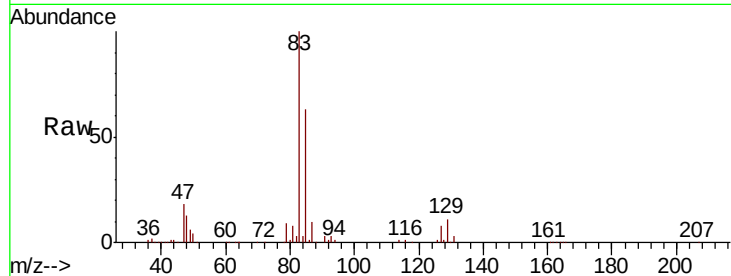




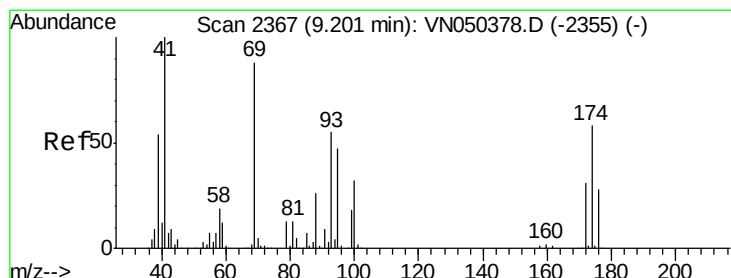
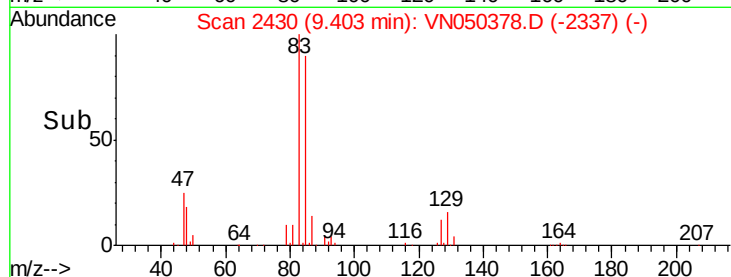
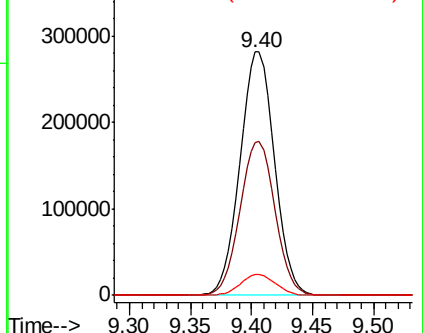
#47  
 Bromodichloromethane  
 Concen: 49.566 ug/l  
 RT: 9.40 min Scan# 2430  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Tot Ion: 83 Resp: 549790  
 Ion Ratio Lower Upper  
 83 100  
 85 63.0 51.1 76.7  
 127 8.5 7.0 10.4

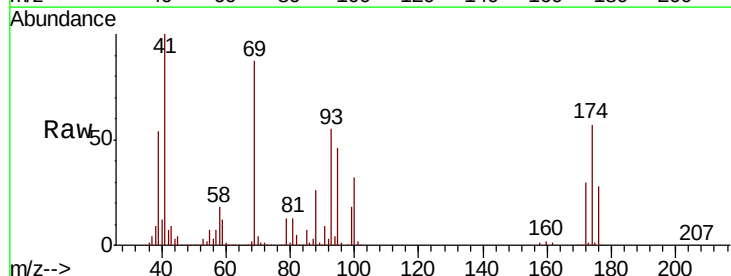


Abundance Ion 82.90 (82.60 to 83.60): VN0  
 Ion 84.90 (84.60 to 85.60): VN0  
 Ion 126.80 (126.50 to 127.50): V

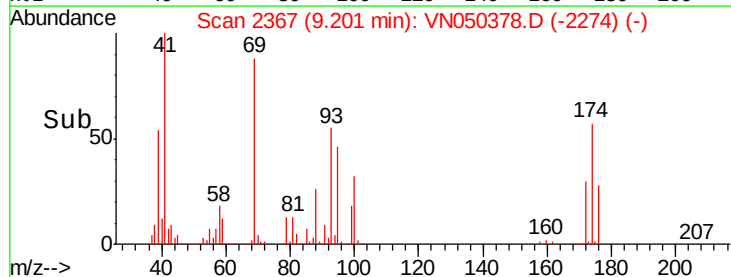
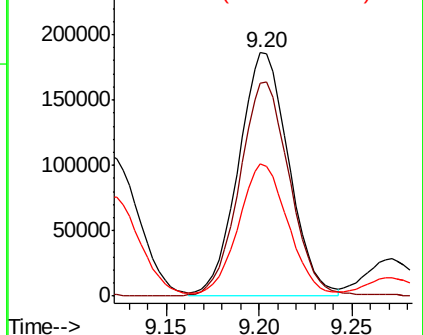


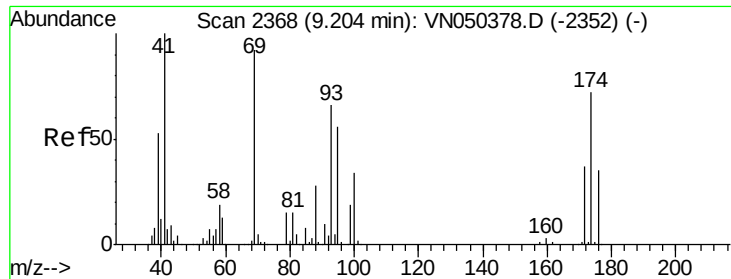
#48  
 Methyl methacrylate  
 Concen: 52.255 ug/l  
 RT: 9.20 min Scan# 2367  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

Tgt Ion: 41 Resp: 349331  
 Ion Ratio Lower Upper  
 41 100  
 69 88.6 70.6 105.8  
 39 53.8 43.9 65.9



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





#49

1,4-Dioxane

Concen: 1012.330 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

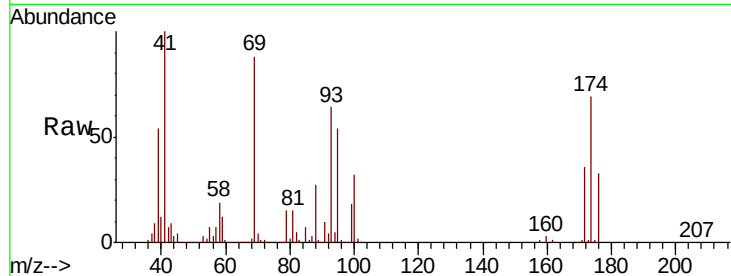
Tot Ion: 88 Resp: 104318

Ion Ratio Lower Upper

88 100

43 31.1 26.9 40.3

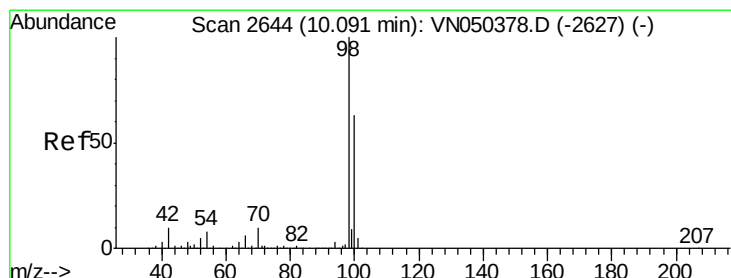
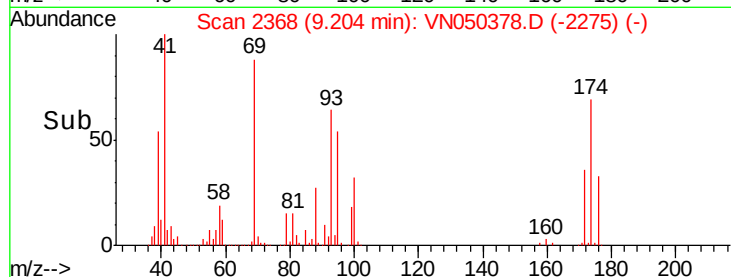
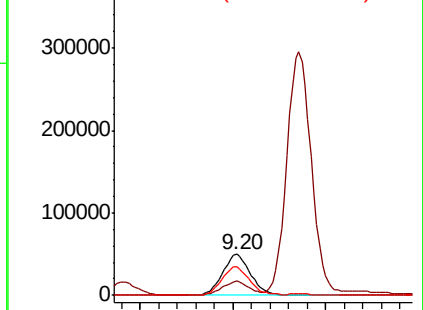
58 68.4 57.3 85.9



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.286 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050378.D

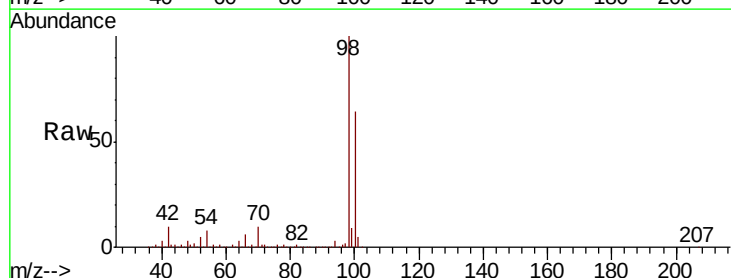
Acq: 6 Aug 2018 12:24

Tgt Ion: 98 Resp: 1481430

Ion Ratio Lower Upper

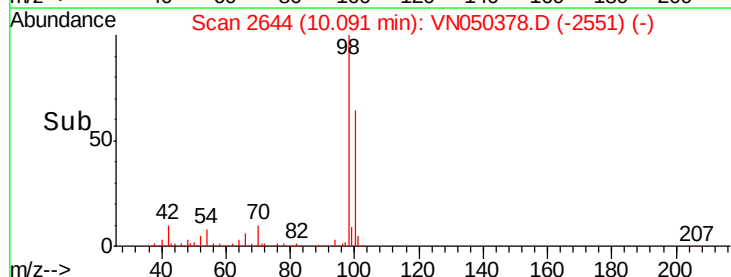
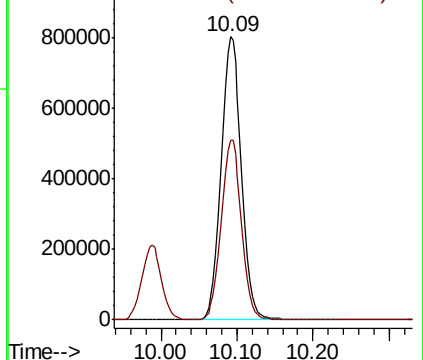
98 100

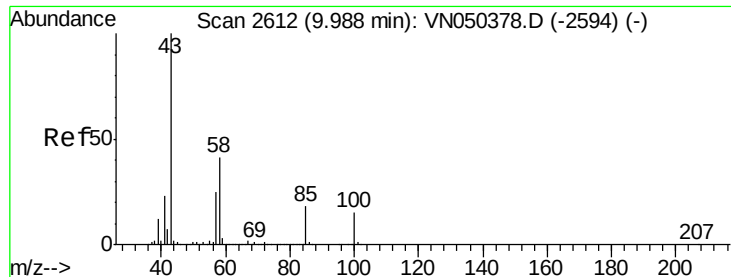
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

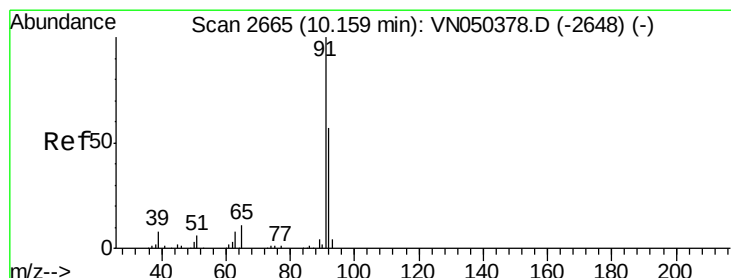
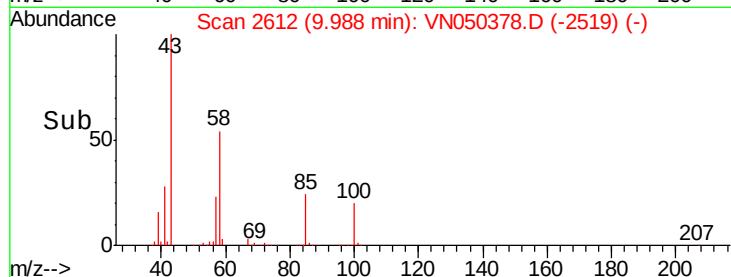
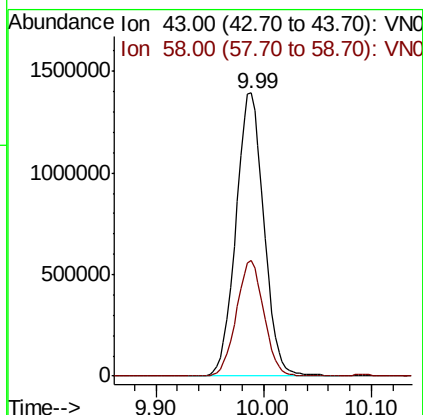
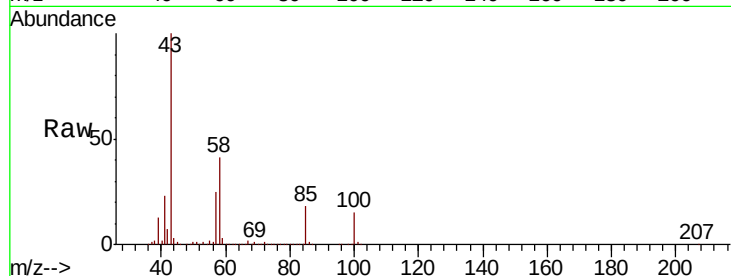




#51  
 4-Methyl-2-Pentanone  
 Concen: 262.298 ug/l  
 RT: 9.99 min Scan# 2612  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

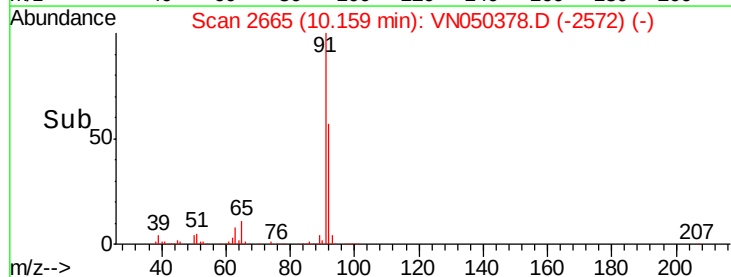
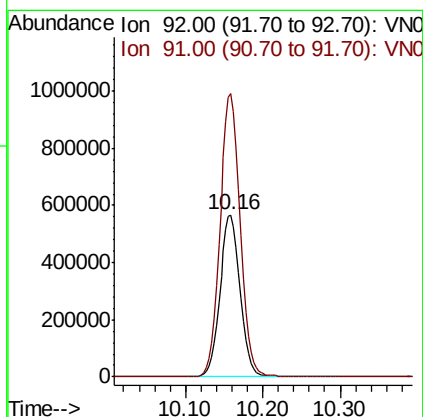
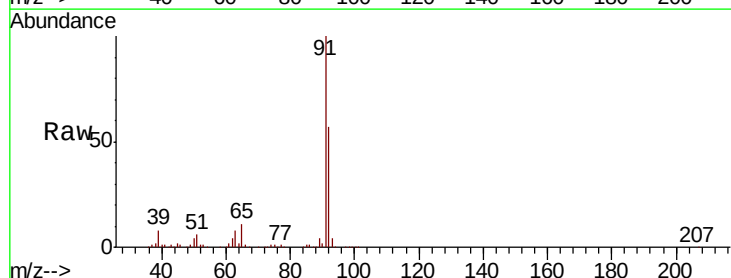
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

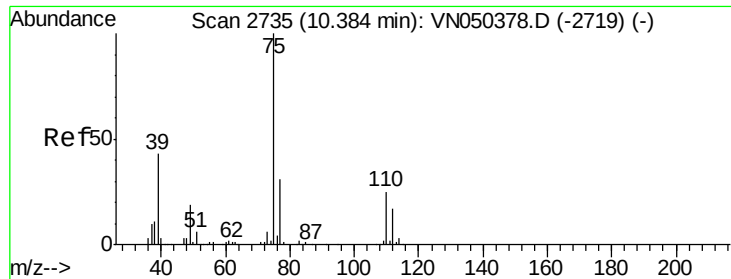
Tot Ion: 43 Resp: 2519631  
 Ion Ratio Lower Upper  
 43 100  
 58 40.2 31.9 47.9



#52  
 Toluene  
 Concen: 51.906 ug/l  
 RT: 10.16 min Scan# 2665  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

Tgt Ion: 92 Resp: 1028446  
 Ion Ratio Lower Upper  
 92 100  
 91 175.3 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 51.295 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

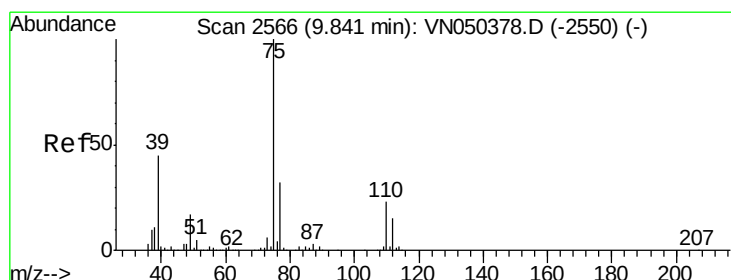
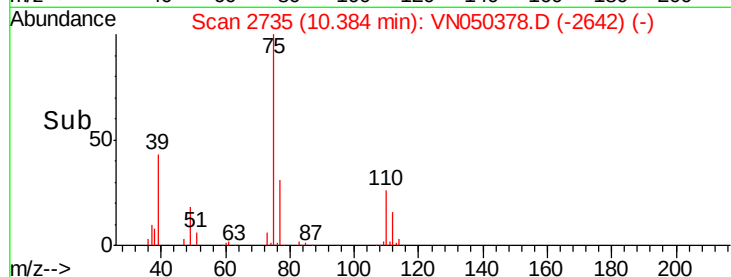
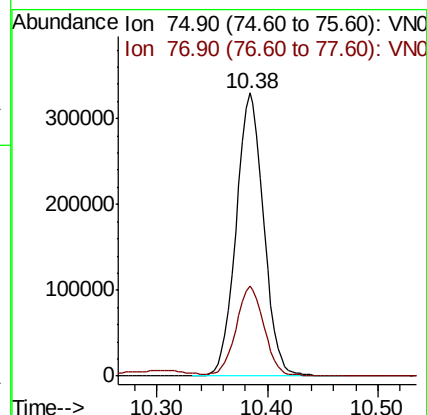
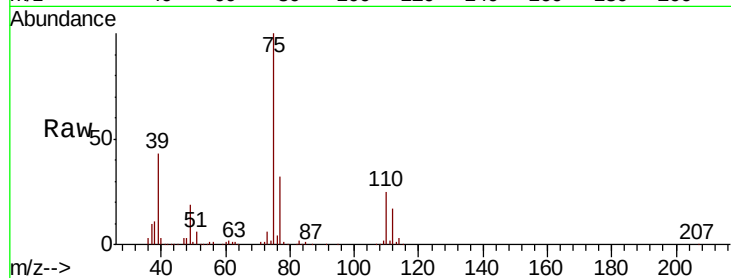
VSTDICCC050

Tot Ion: 75 Resp: 571278

Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 52.023 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

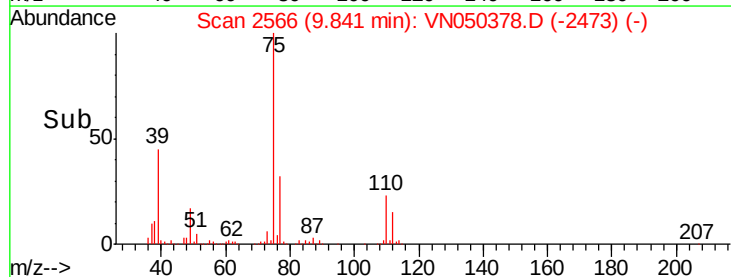
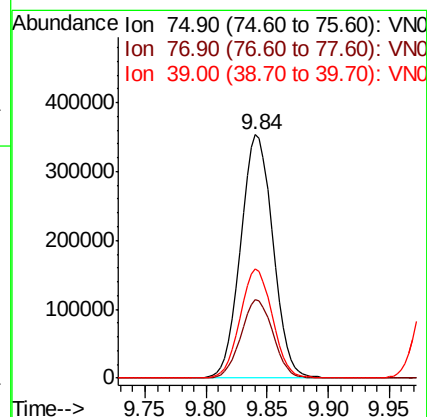
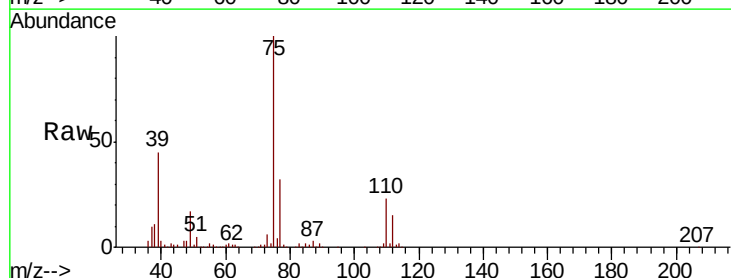
Tgt Ion: 75 Resp: 646627

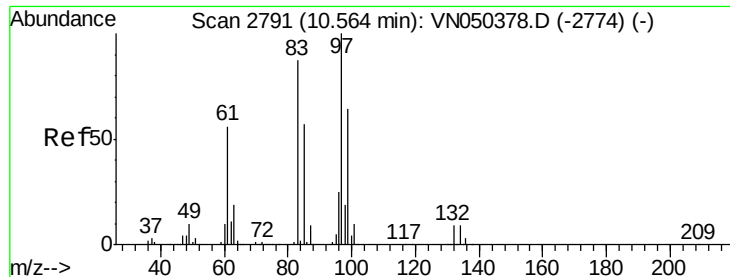
Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

39 44.7 36.6 55.0

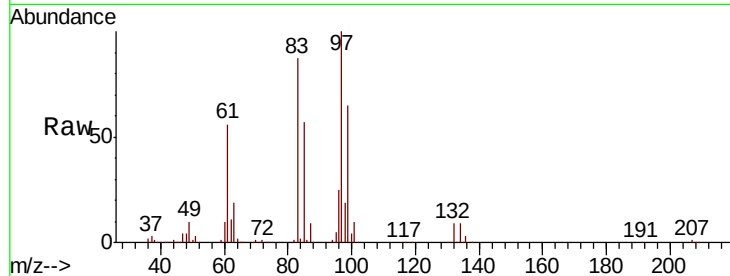




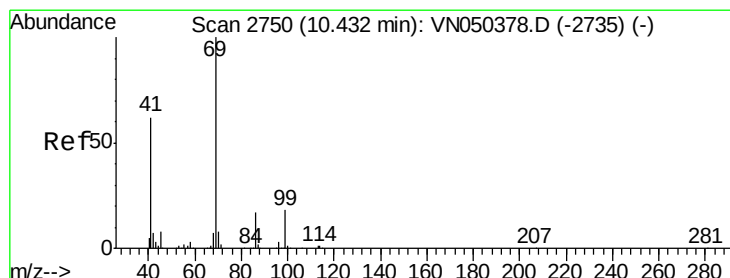
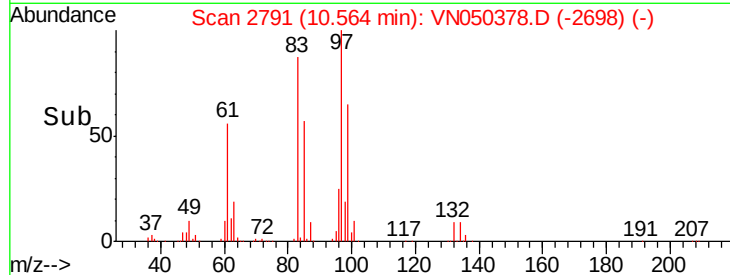
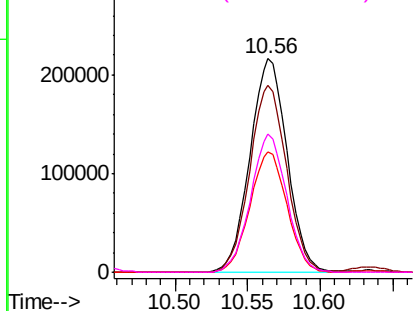
#55  
 1,1,2-Trichloroethane  
 Concen: 49.981 ug/l  
 RT: 10.56 min Scan# 2791  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 386624 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 87.4  | 69.2  | 103.8  |
| 85       | 56.6  | 44.0  | 66.0   |
| 99       | 64.4  | 49.9  | 74.9   |

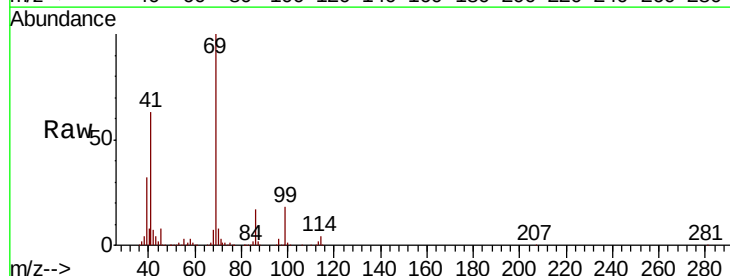


Abundance Ion 96.90 (96.60 to 97.60): VNO  
 Ion 82.90 (82.60 to 83.60): VNO  
 Ion 84.90 (84.60 to 85.60): VNO  
 Ion 98.90 (98.60 to 99.60): VNO

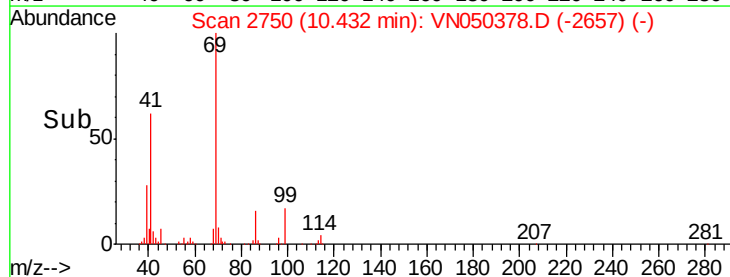
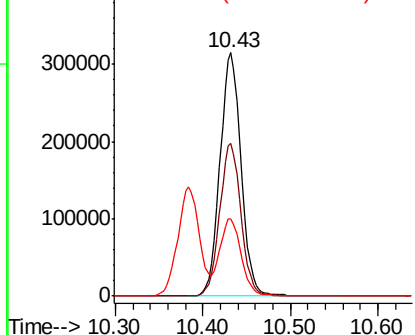


#56  
 Ethyl methacrylate  
 Concen: 48.155 ug/l  
 RT: 10.43 min Scan# 2750  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

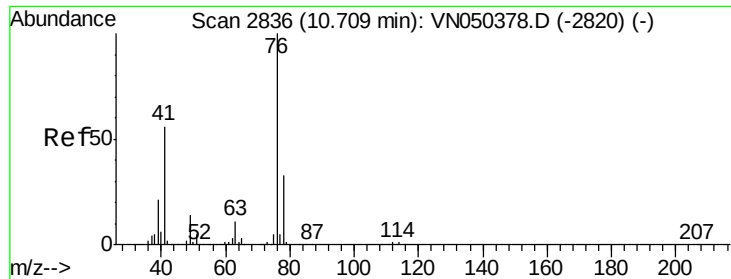
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 526431 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 62.6  | 51.0  | 76.4   |
| 39       | 31.9  | 26.6  | 40.0   |



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



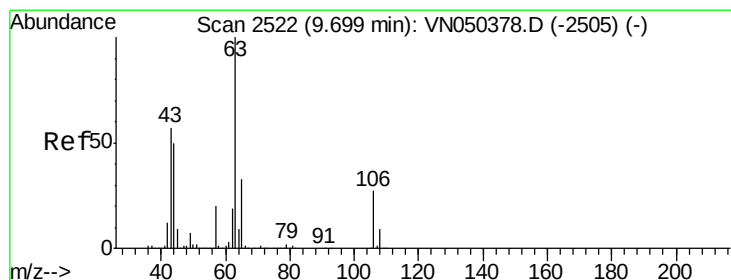
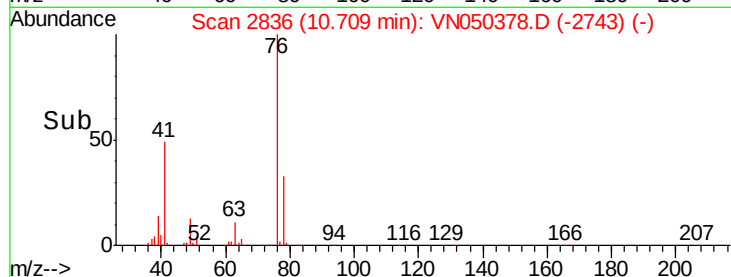
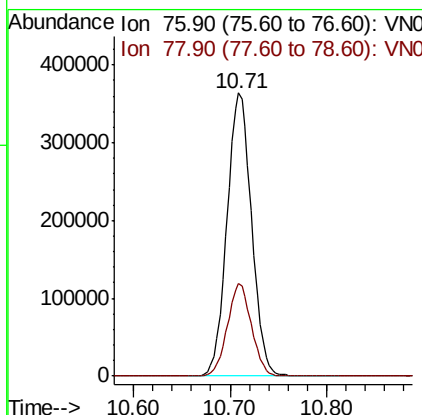
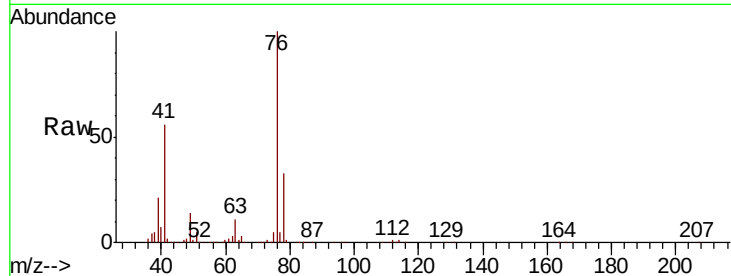




#57  
 1,3-Dichloropropane  
 Concen: 50.537 ug/l  
 RT: 10.71 min Scan# 2836  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

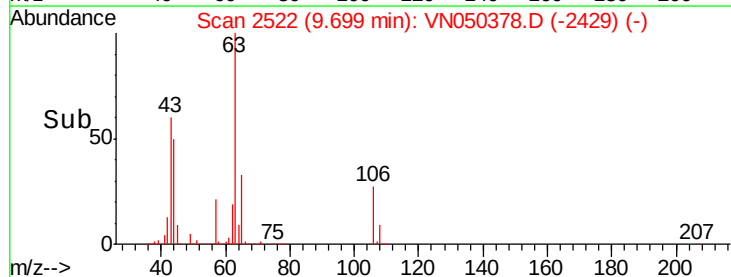
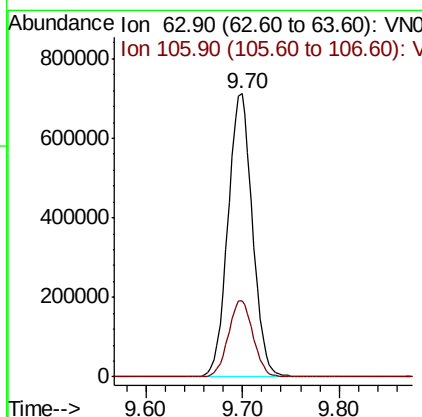
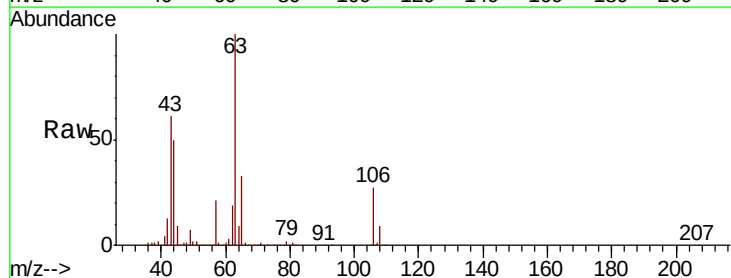
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

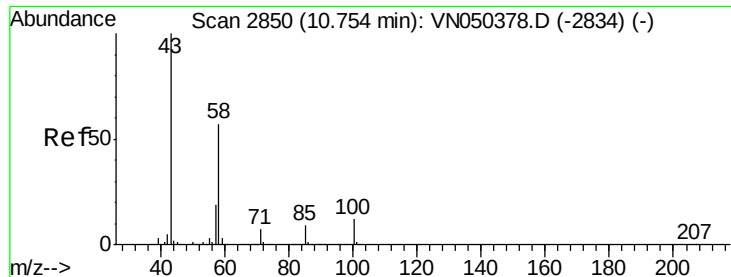
Tot Ion: 76 Resp: 641661  
 Ion Ratio Lower Upper  
 76 100  
 78 32.0 25.7 38.5



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 245.762 ug/l  
 RT: 9.70 min Scan# 2522  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

Tgt Ion: 63 Resp: 1253320  
 Ion Ratio Lower Upper  
 63 100  
 106 27.1 21.7 32.5

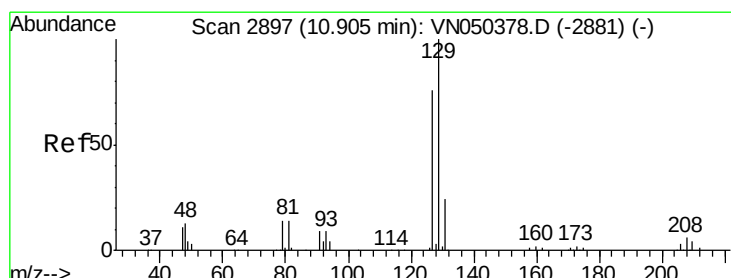
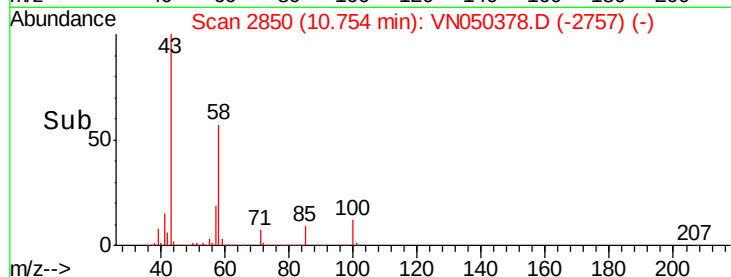
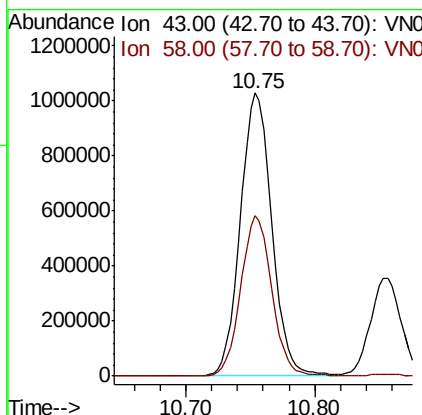
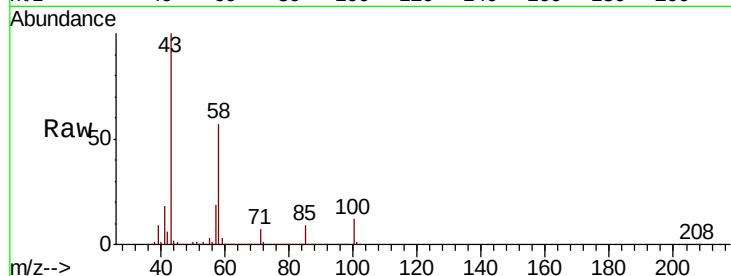




#59  
2-Hexanone  
Concen: 260.468 ug/l  
RT: 10.75 min Scan# 2850  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

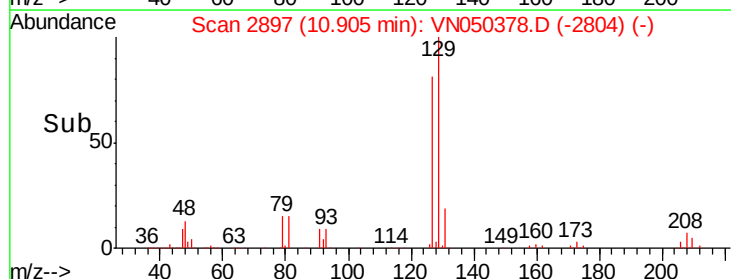
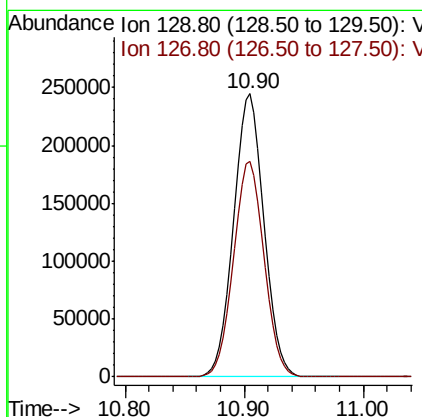
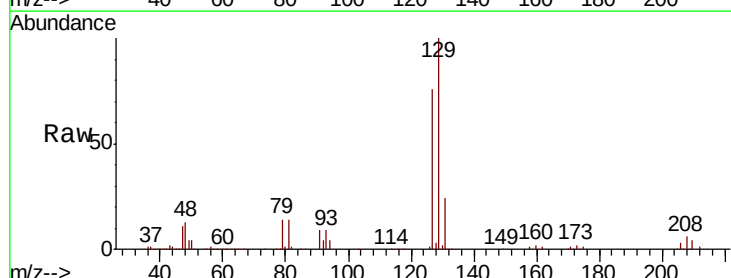
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

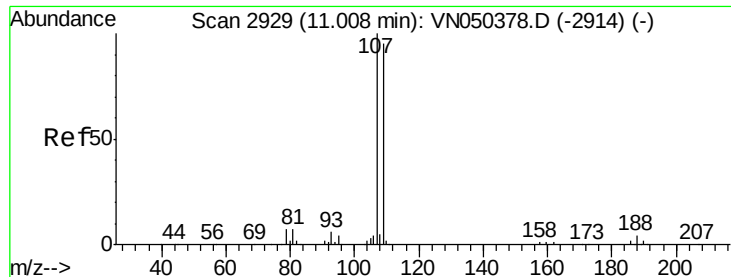
Tot Ion: 43 Resp: 1746150  
Ion Ratio Lower Upper  
43 100  
58 56.2 27.6 82.7



#60  
Dibromochloromethane  
Concen: 50.699 ug/l  
RT: 10.90 min Scan# 2897  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

Tgt Ion: 129 Resp: 432047  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.0 113.9





#61

1,2-Dibromoethane

Concen: 51.000 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

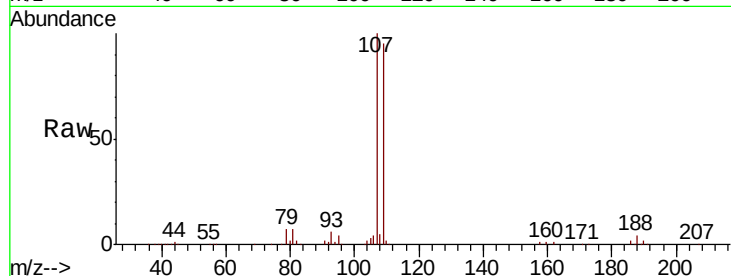
VSTDICCC050

Tot Ion:107 Resp: 388855

Ion Ratio Lower Upper

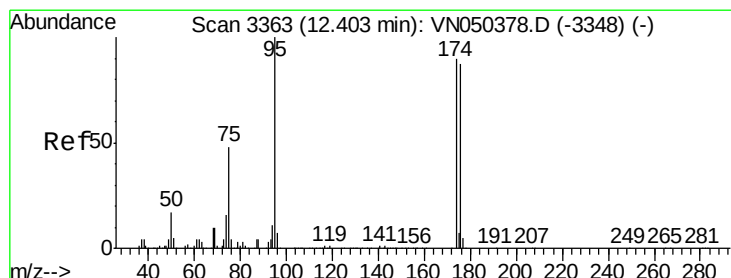
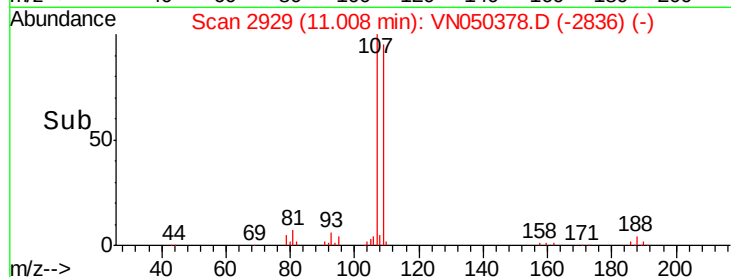
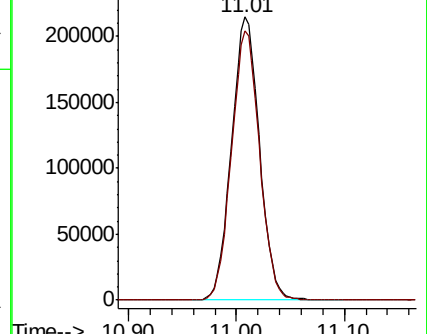
107 100

109 95.3 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.425 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

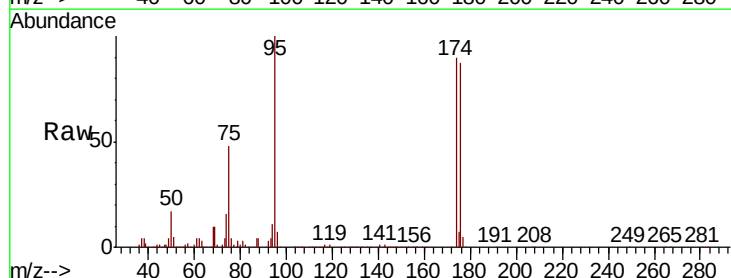
Tgt Ion: 95 Resp: 506292

Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.2

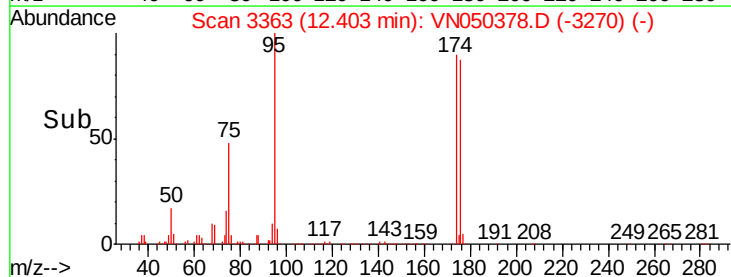
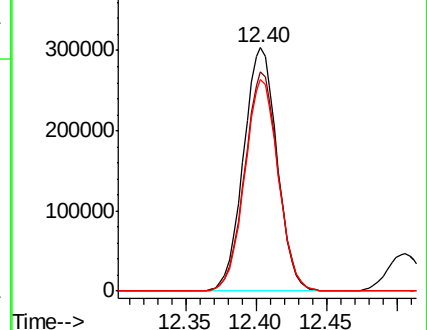
176 86.7 0.0 173.4

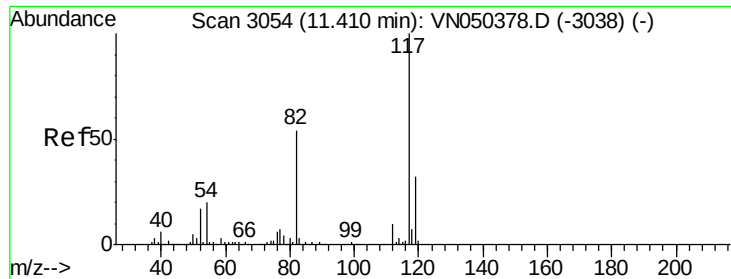


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

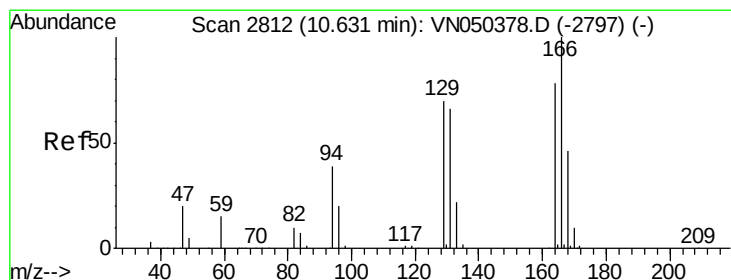
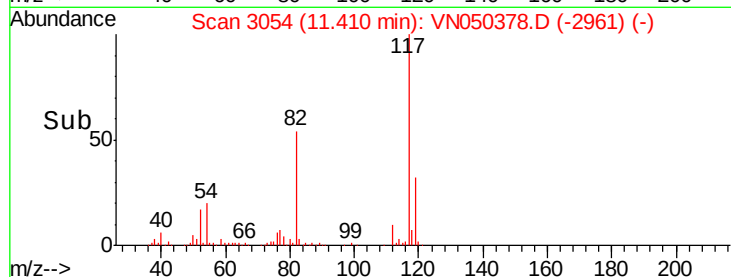
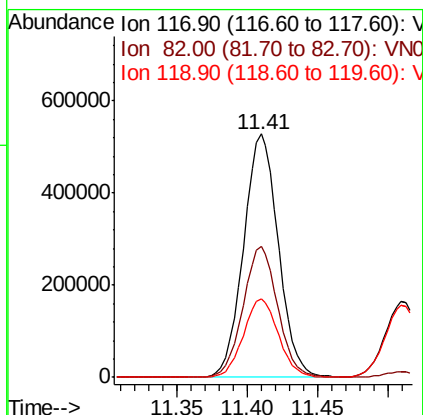
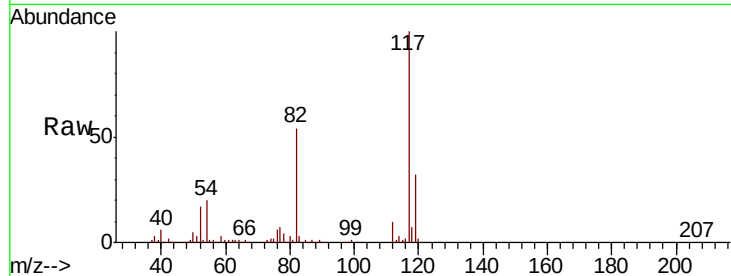




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 3054  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

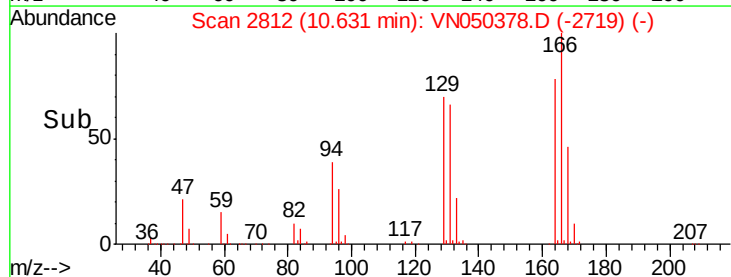
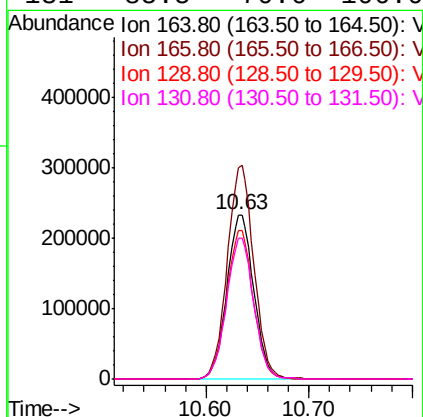
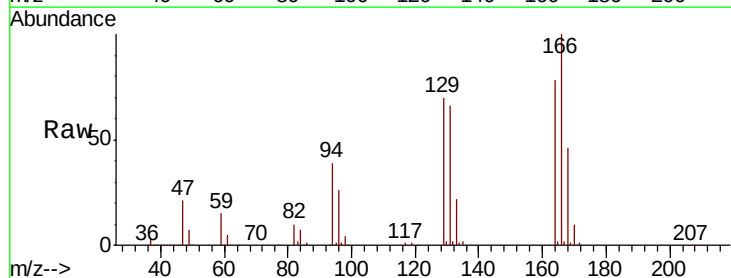
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

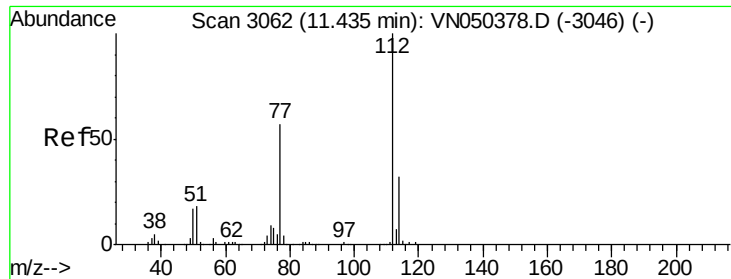
Tot Ion:117 Resp: 914529  
Ion Ratio Lower Upper  
117 100  
82 53.9 43.7 65.5  
119 32.3 26.1 39.1



#64  
Tetrachloroethene  
Concen: 49.585 ug/l  
RT: 10.63 min Scan# 2812  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

Tgt Ion:164 Resp: 423712  
Ion Ratio Lower Upper  
164 100  
166 128.7 102.1 153.1  
129 90.2 73.2 109.8  
131 85.5 70.6 106.0

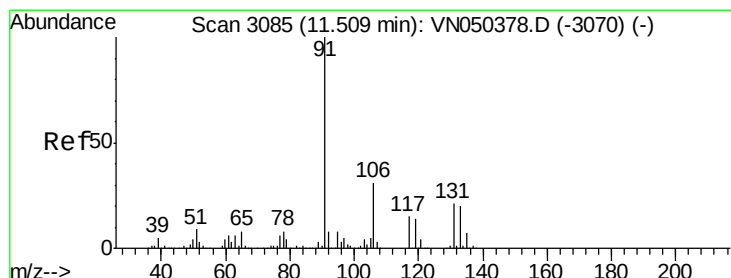
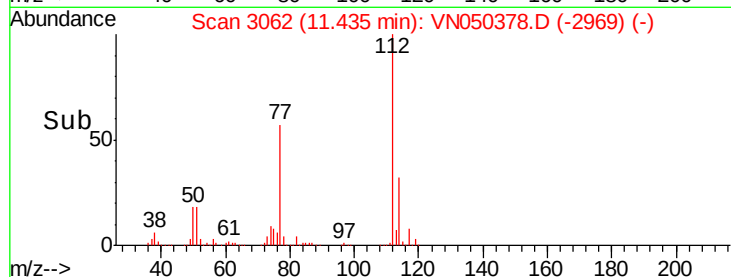
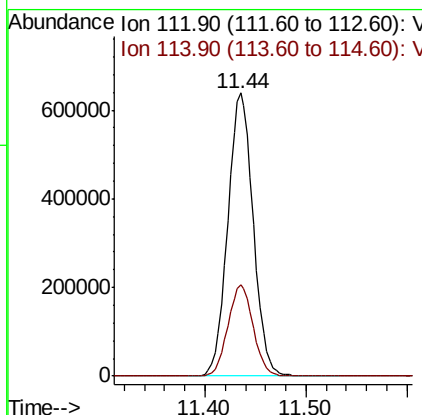
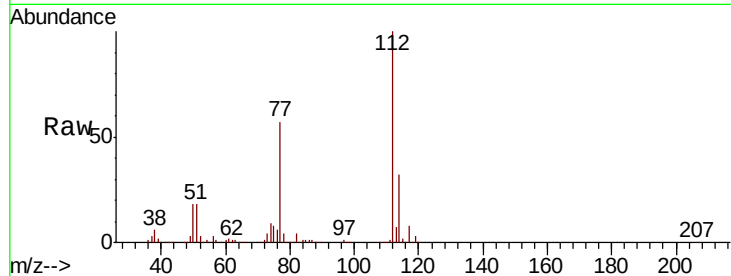




#65  
Chlorobenzene  
Concen: 48.848 ug/l  
RT: 11.44 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

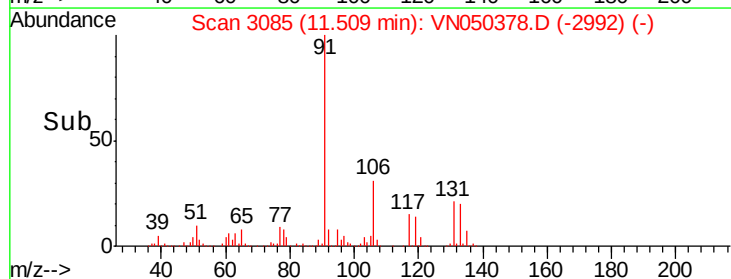
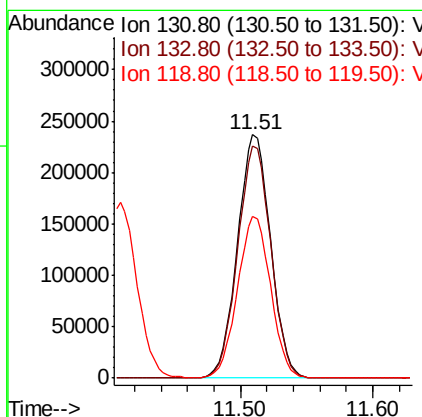
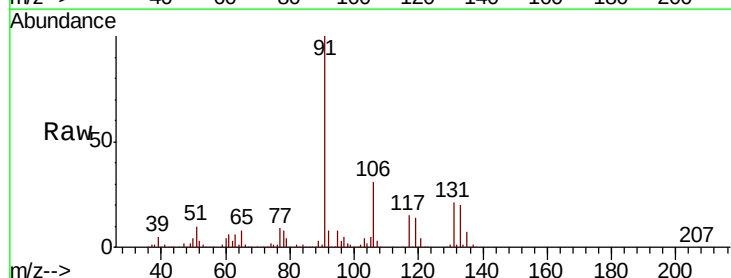
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

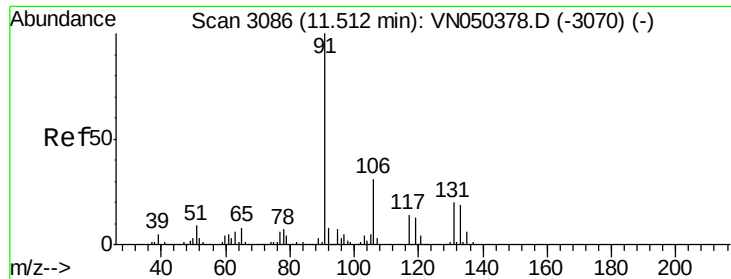
Tot Ion:112 Resp: 1119970  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.140 ug/l  
RT: 11.51 min Scan# 3085  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

Tgt Ion:131 Resp: 410054  
Ion Ratio Lower Upper  
131 100  
133 95.6 47.3 141.9  
119 66.5 32.9 98.7

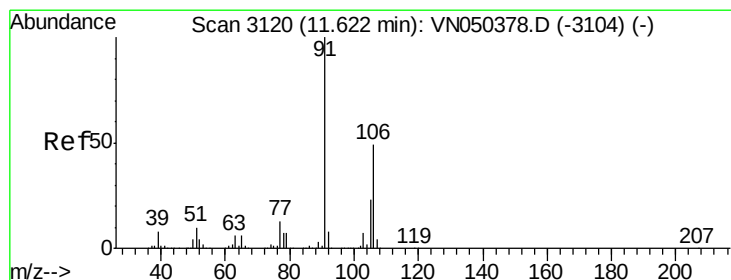
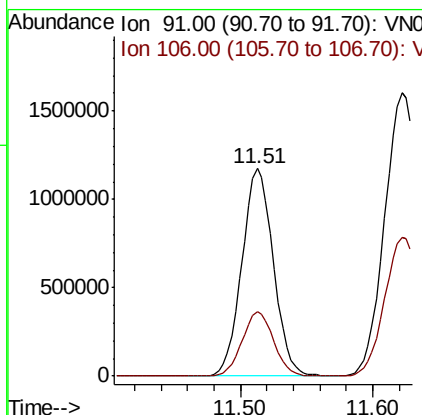
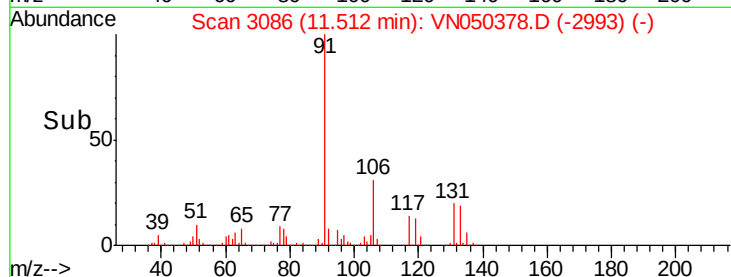
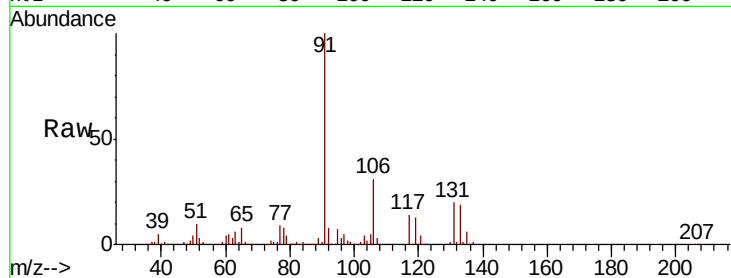




#67  
Ethyl Benzene  
Concen: 52.232 ug/l  
RT: 11.51 min Scan# 3086  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

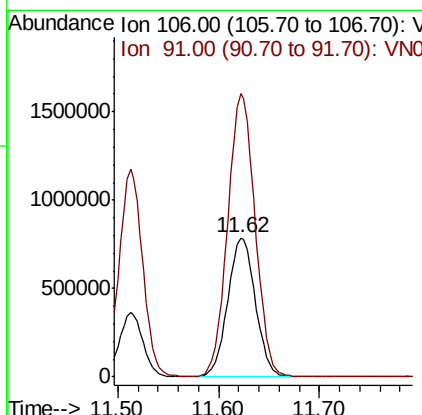
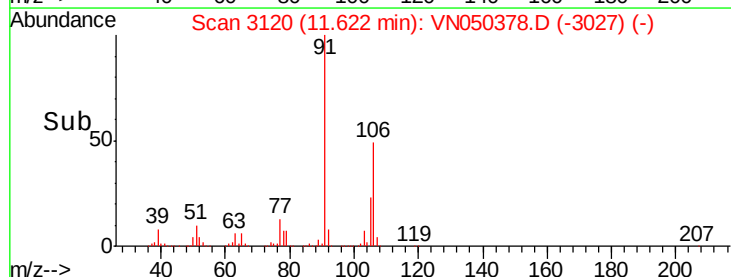
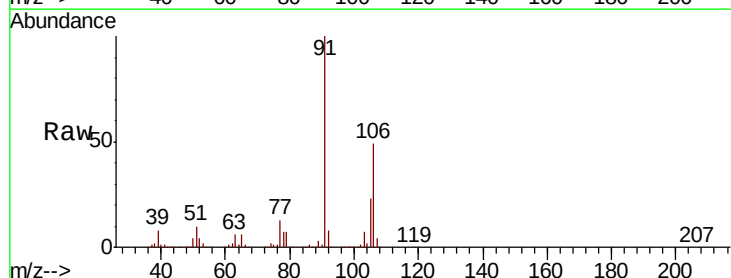
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

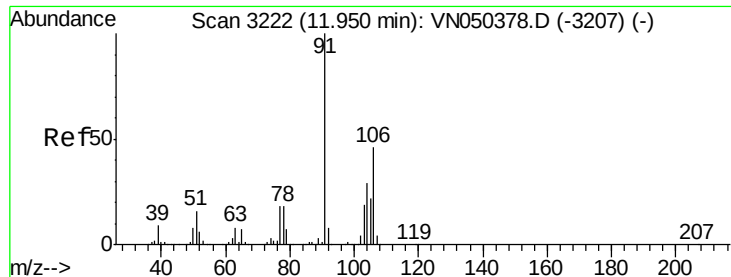
Tot Ion: 91 Resp: 1935772  
Ion Ratio Lower Upper  
91 100  
106 30.9 25.0 37.4



#68  
m/p-Xylenes  
Concen: 106.383 ug/l  
RT: 11.62 min Scan# 3120  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

Tgt Ion: 106 Resp: 1500953  
Ion Ratio Lower Upper  
106 100  
91 201.7 162.2 243.2

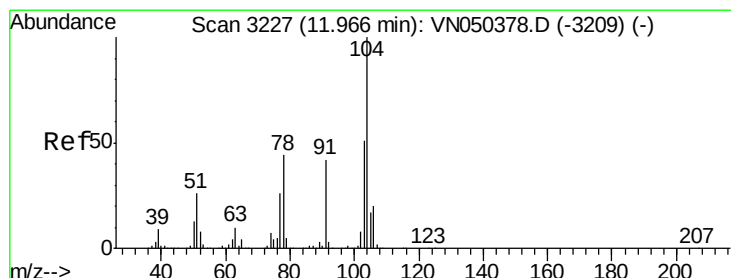
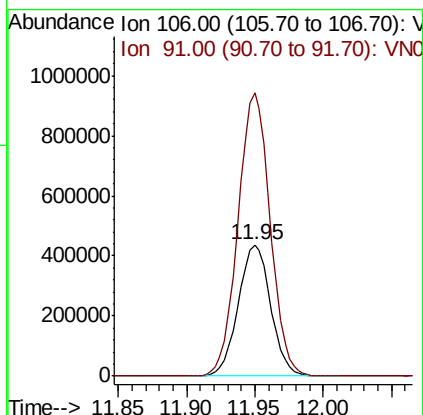
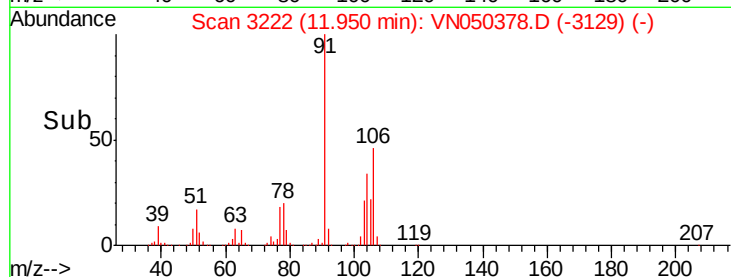
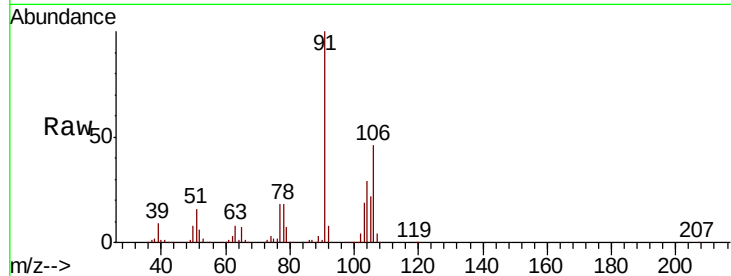




#69  
o-Xylene  
Concen: 52.898 ug/l  
RT: 11.95 min Scan# 3222  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

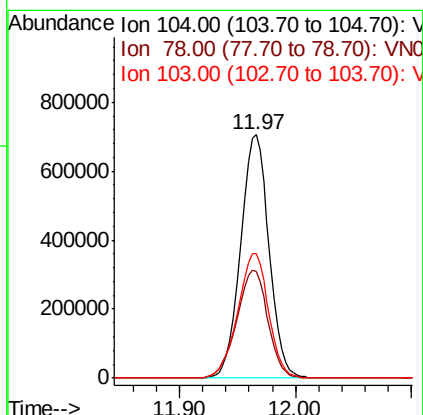
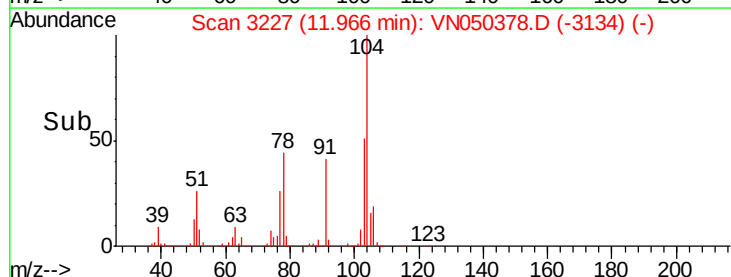
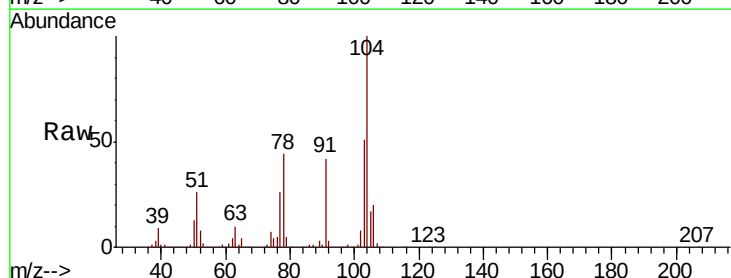
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDICCC050

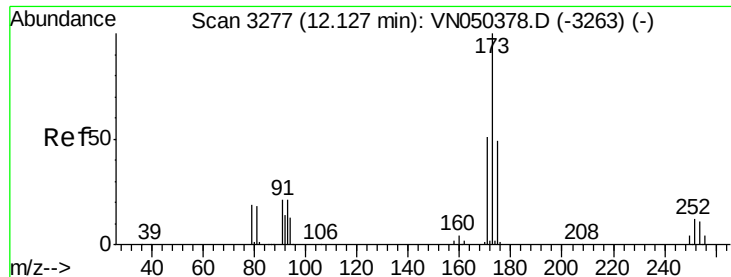
Tot Ion:106 Resp: 718946  
Ion Ratio Lower Upper  
106 100  
91 214.4 107.7 323.1



#70  
Styrene  
Concen: 54.249 ug/l  
RT: 11.97 min Scan# 3227  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

Tgt Ion:104 Resp: 1198992  
Ion Ratio Lower Upper  
104 100  
78 48.6 39.3 58.9  
103 55.4 45.0 67.6





#71

Bromoform

Concen: 50.906 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

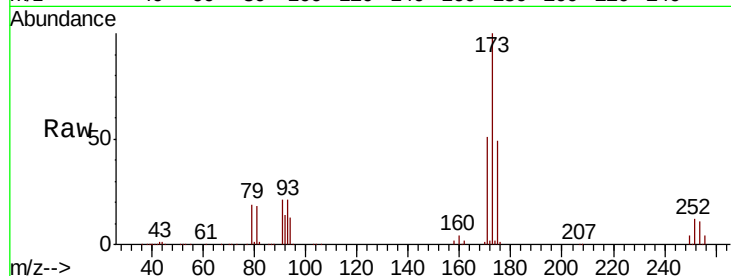
Tot Ion:173 Resp: 310458

Ion Ratio Lower Upper

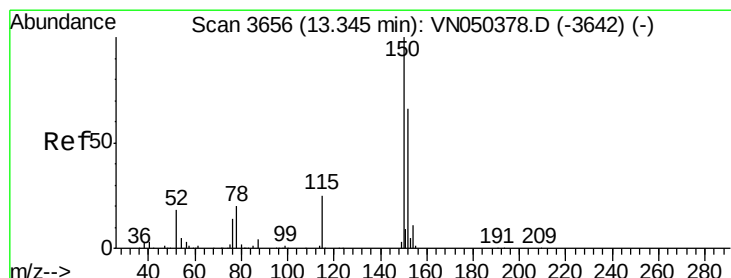
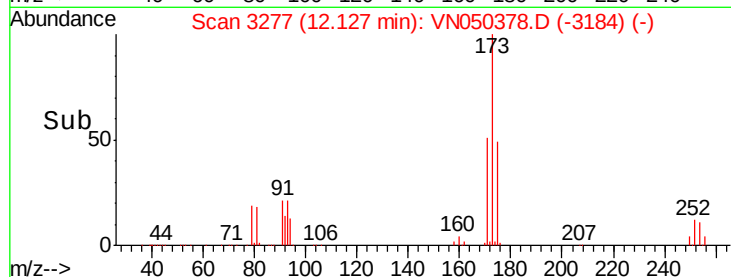
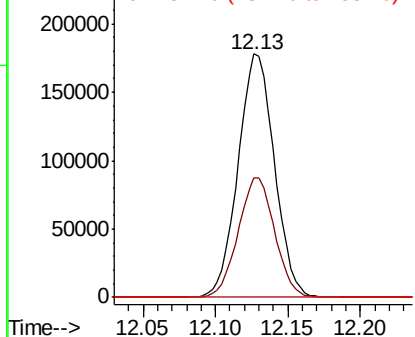
173 100

175 49.2 24.1 72.2

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

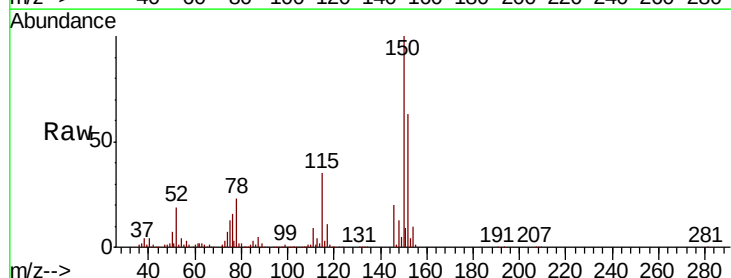
Tgt Ion:152 Resp: 504203

Ion Ratio Lower Upper

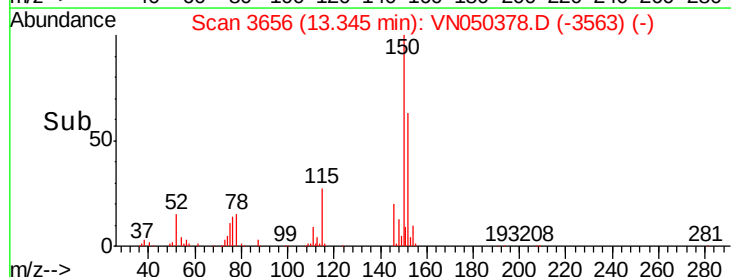
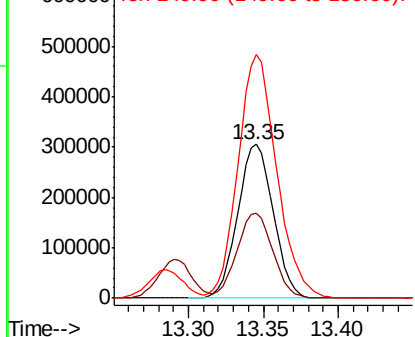
152 100

115 55.7 27.8 83.3

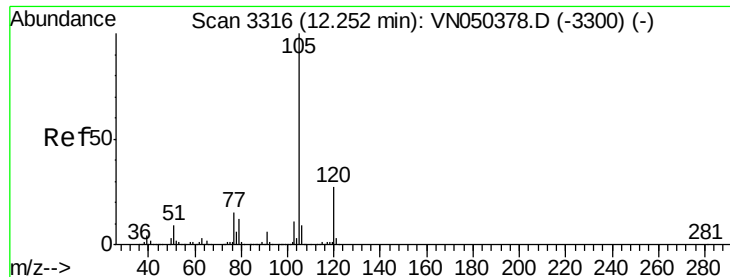
150 172.7 0.0 348.6



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







#73

Isopropylbenzene

Concen: 50.466 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

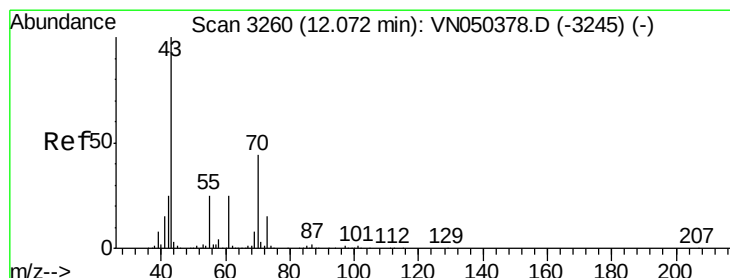
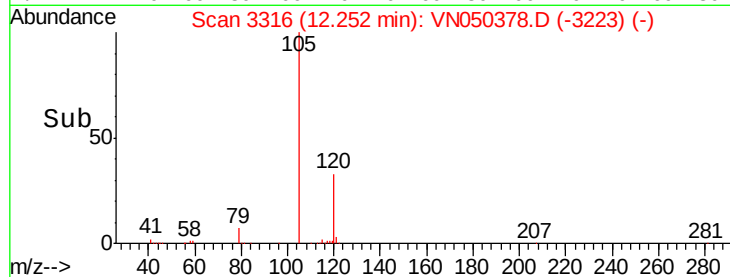
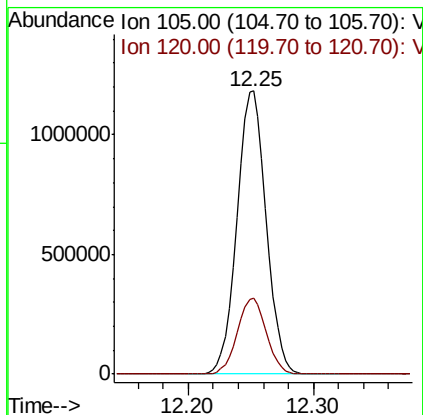
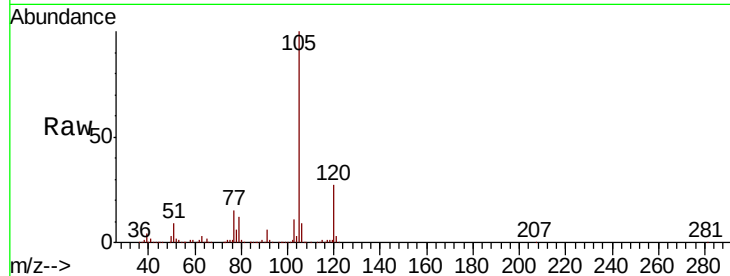
VSTDICCC050

Tot Ion:105 Resp: 1910070

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



#74

N-ethyl acetate

Concen: 50.261 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Tgt Ion: 43 Resp: 616610

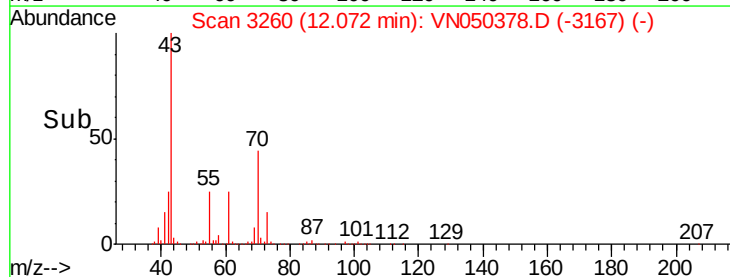
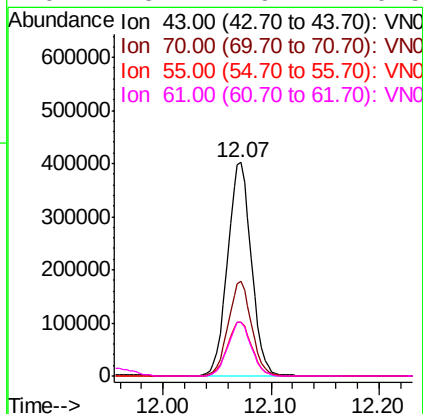
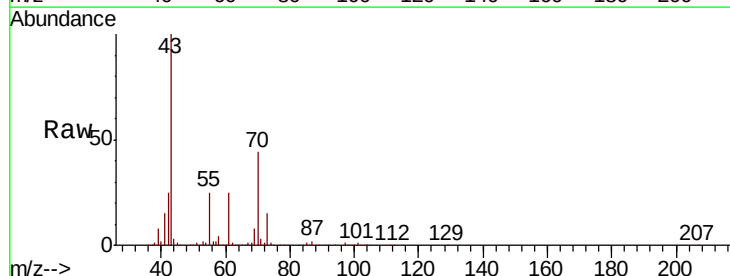
Ion Ratio Lower Upper

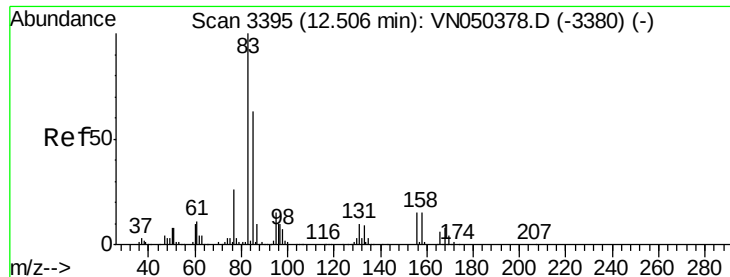
43 100

70 43.7 34.4 51.6

55 26.2 20.8 31.2

61 25.1 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.340 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

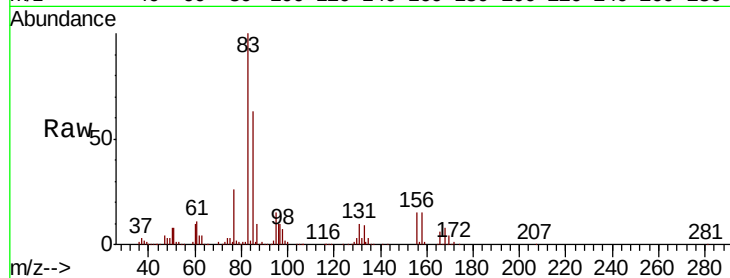
Tot Ion: 83 Resp: 516935

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

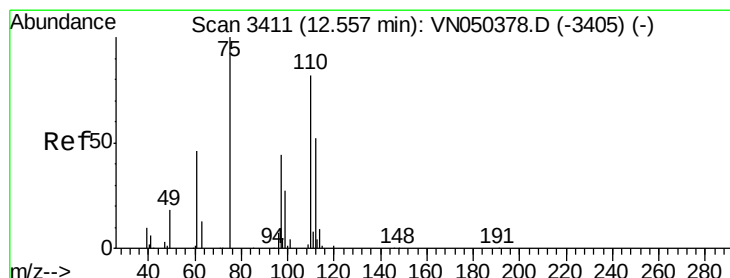
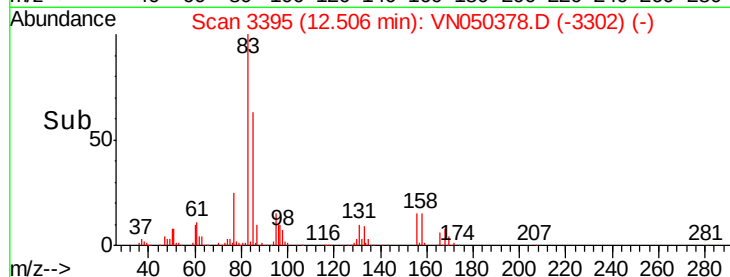
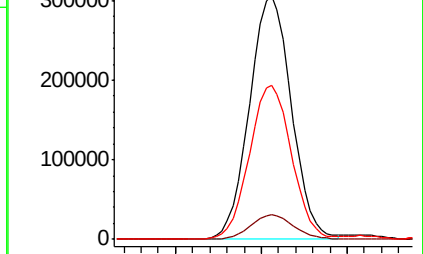
85 63.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN050378.D (-3380) (-)

Ion 130.80 (130.50 to 131.50): VN050378.D (-3380) (-)

Ion 84.90 (84.60 to 85.60): VN050378.D (-3380) (-)



#76

1,2,3-Trichloropropane

Concen: 68.237 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN050378.D

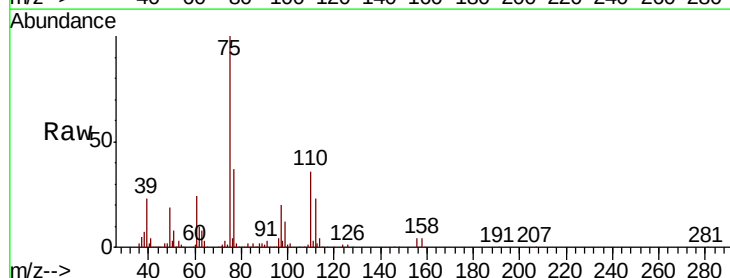
Acq: 6 Aug 2018 12:24

Tgt Ion: 75 Resp: 622769

Ion Ratio Lower Upper

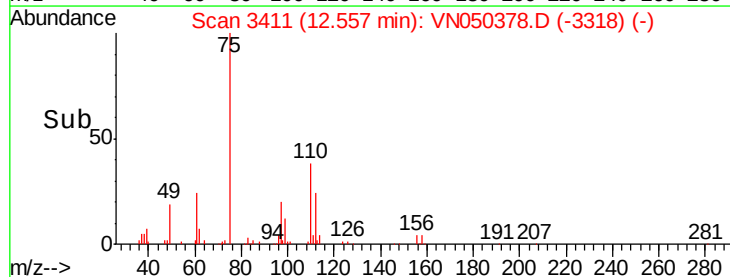
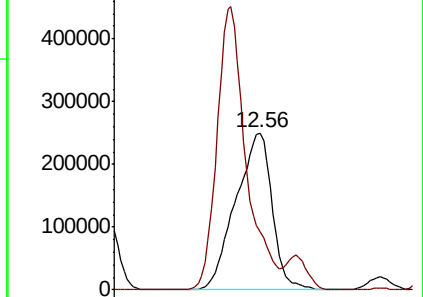
75 100

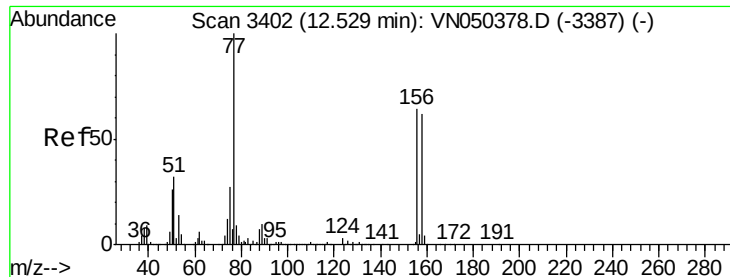
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN050378.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN050378.D (-3405) (-)





#77

Bromobenzene

Concen: 48.625 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

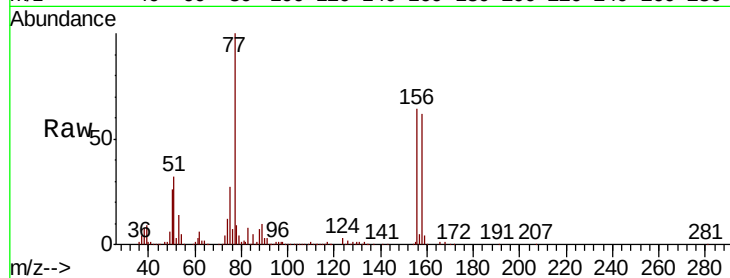
Tot Ion:156 Resp: 493041

Ion Ratio Lower Upper

156 100

77 183.9 91.7 275.1

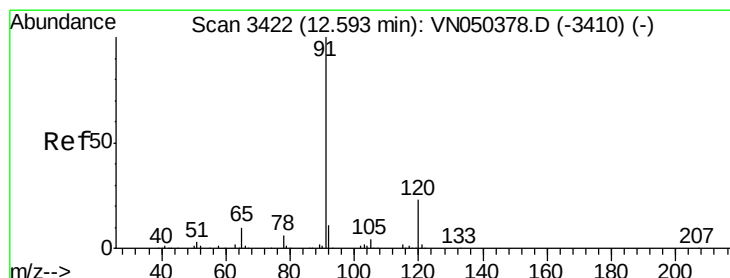
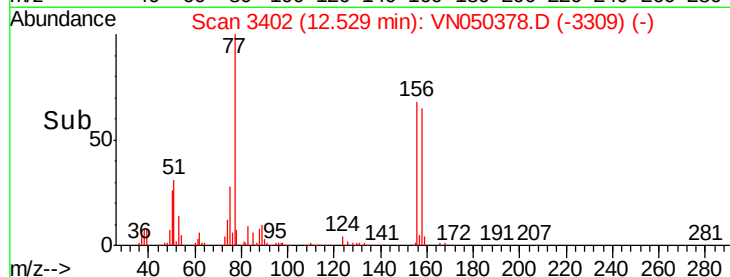
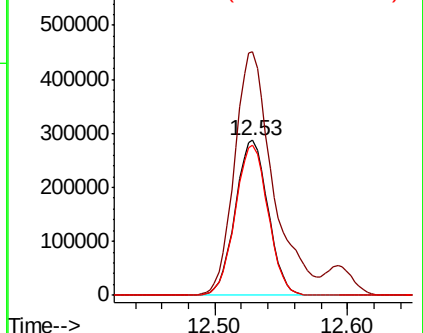
158 97.2 48.9 146.6



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: 51.422 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050378.D

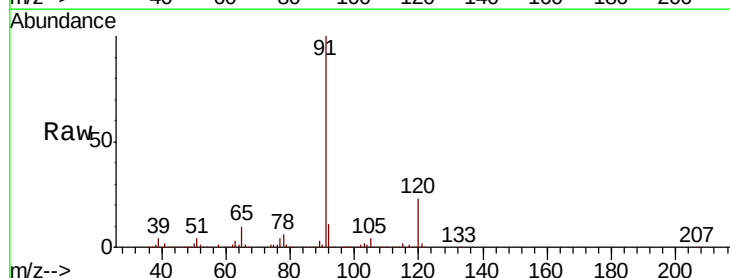
Acq: 6 Aug 2018 12:24

Tgt Ion: 91 Resp: 2203015

Ion Ratio Lower Upper

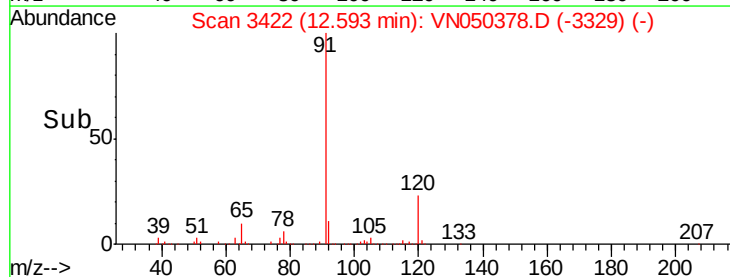
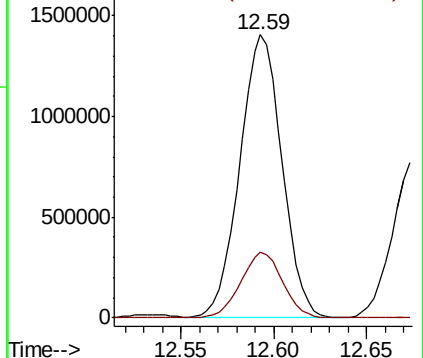
91 100

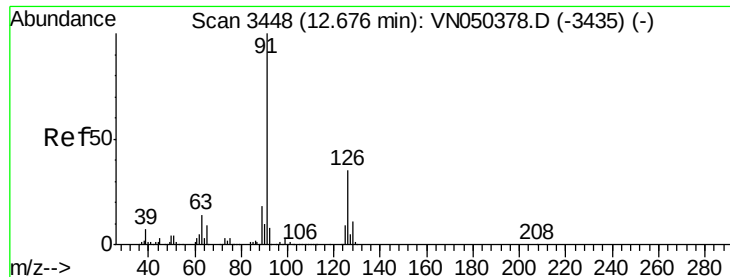
120 23.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

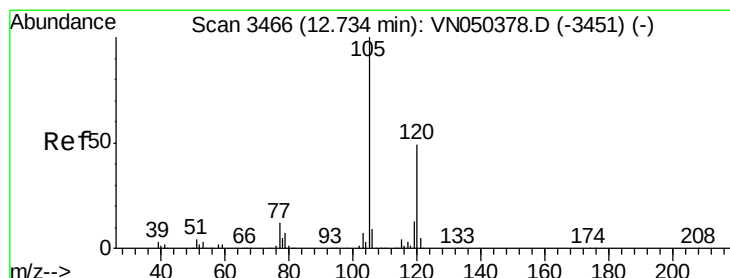
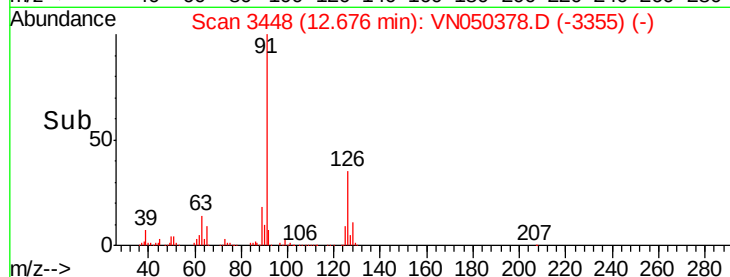
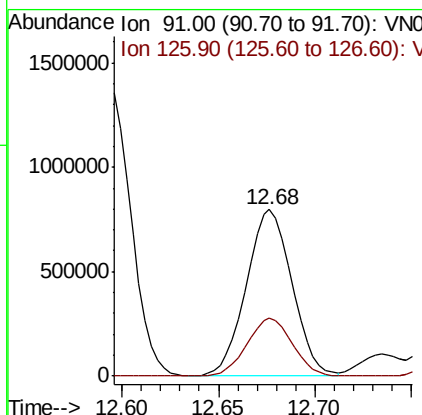
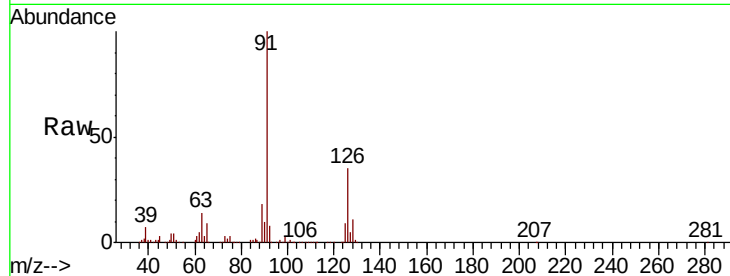




#79  
 2-Chlorotoluene  
 Concen: 49.407 ug/l  
 RT: 12.68 min Scan# 3448  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

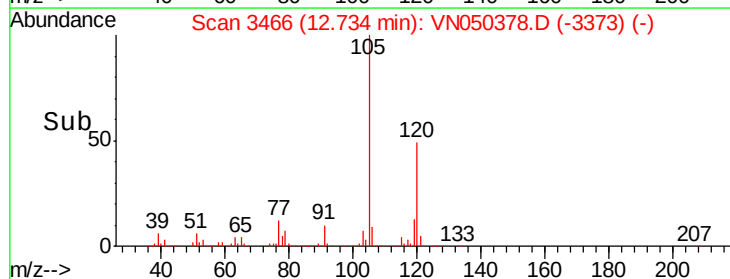
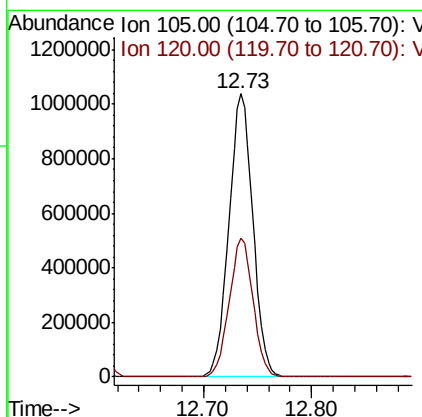
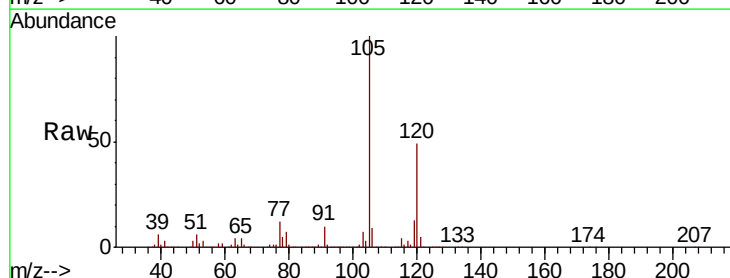
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

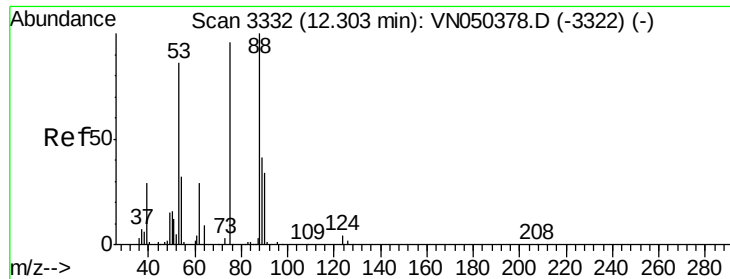
Tot Ion: 91 Resp: 1307275  
 Ion Ratio Lower Upper  
 91 100  
 126 34.7 17.6 52.8



#80  
 1,3,5-Trimethylbenzene  
 Concen: 52.076 ug/l  
 RT: 12.73 min Scan# 3466  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

Tgt Ion: 105 Resp: 1599988  
 Ion Ratio Lower Upper  
 105 100  
 120 48.9 24.4 73.2

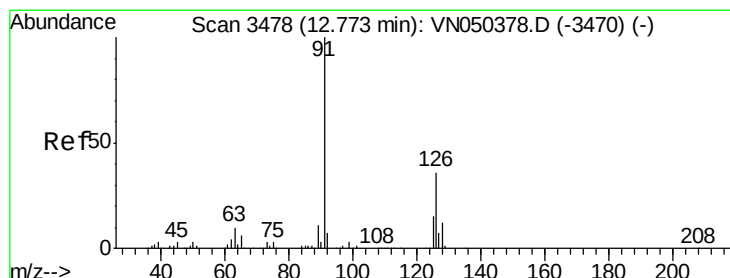
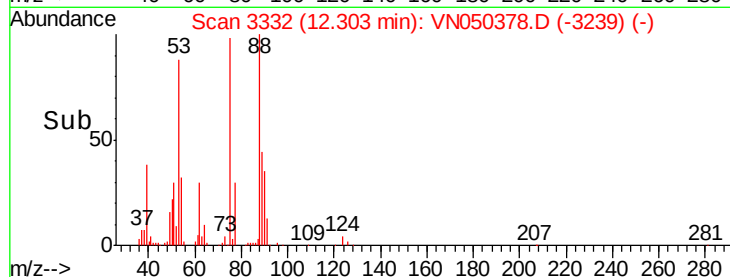
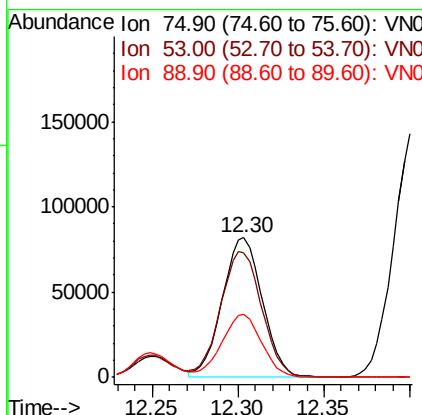
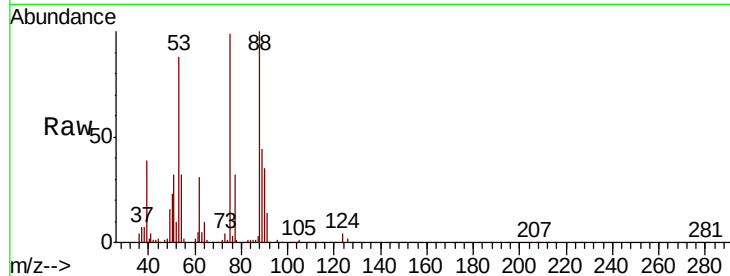




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.815 ug/l  
RT: 12.30 min Scan# 3332  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

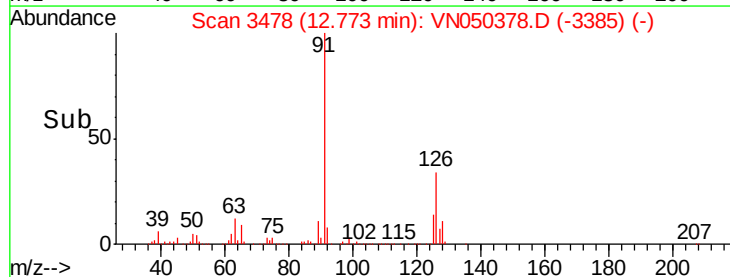
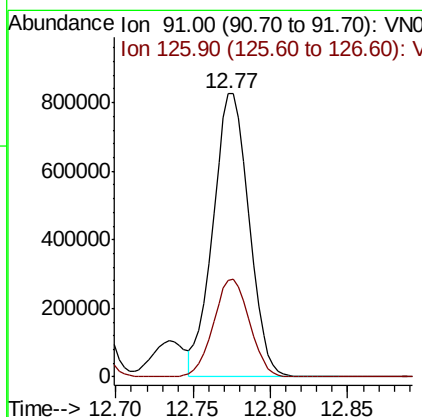
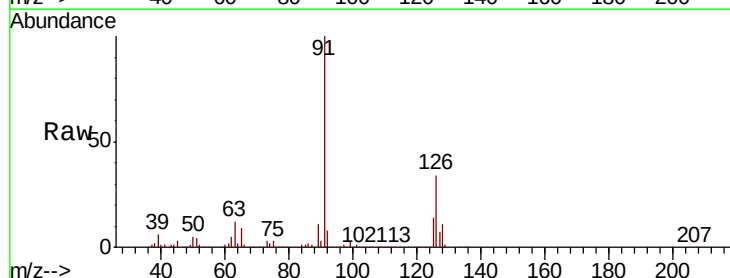
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

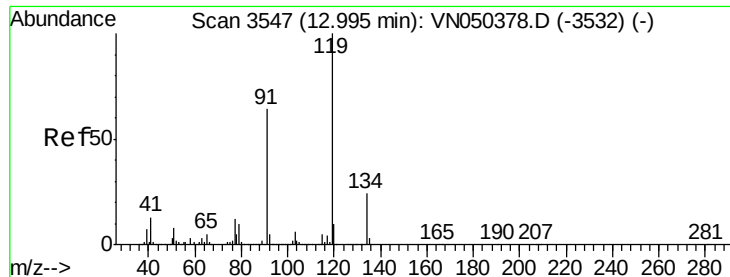
Tot Ion: 75 Resp: 134592  
Ion Ratio Lower Upper  
75 100  
53 92.5 73.5 110.3  
89 45.2 36.0 54.0



#82  
4-Chlorotoluene  
Concen: 50.621 ug/l  
RT: 12.77 min Scan# 3478  
Delta R.T. 0.00 min  
Lab File: VN050378.D  
Acq: 6 Aug 2018 12:24

Tgt Ion: 91 Resp: 1335707  
Ion Ratio Lower Upper  
91 100  
126 34.7 17.0 51.0

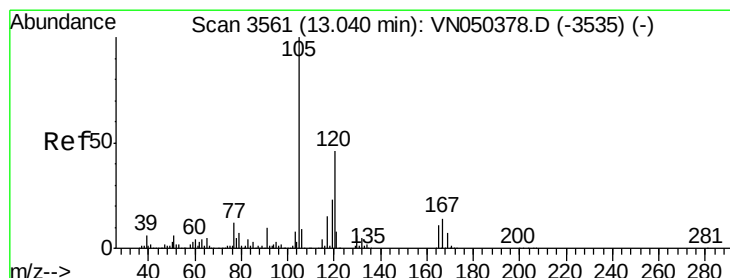
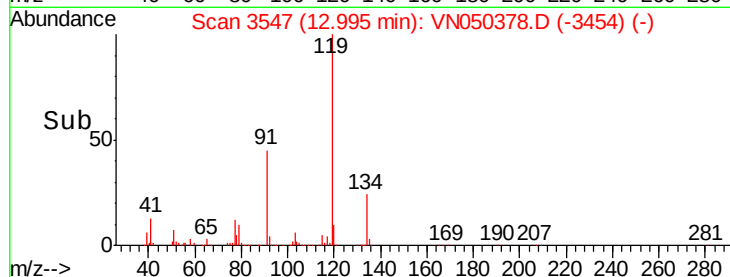
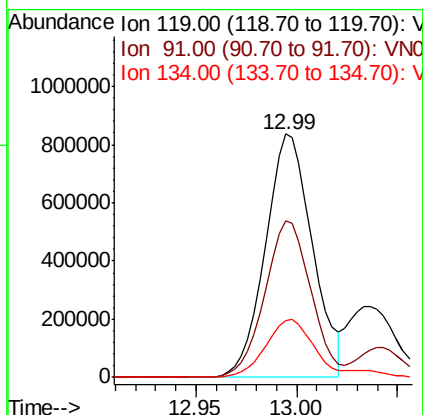
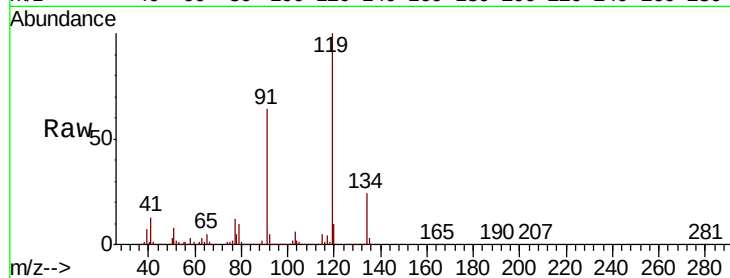




#83  
 tert-Butylbenzene  
 Concen: 50.507 ug/l  
 RT: 12.99 min Scan# 3547  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

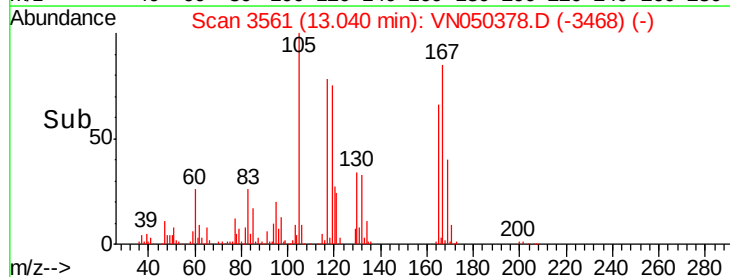
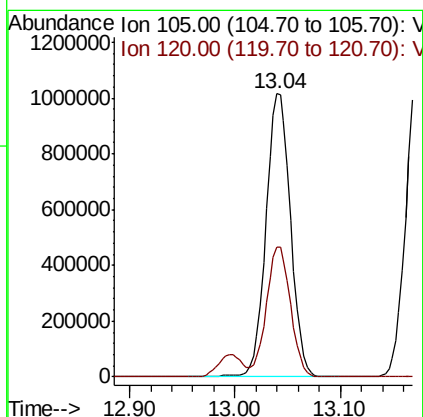
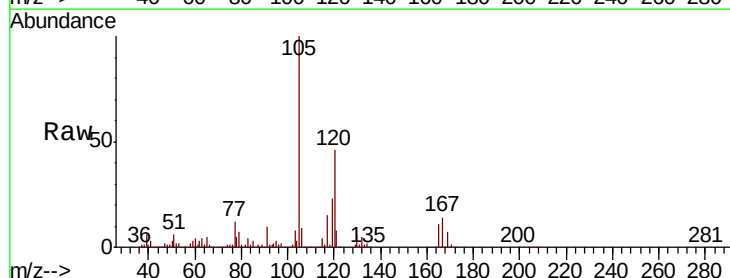
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

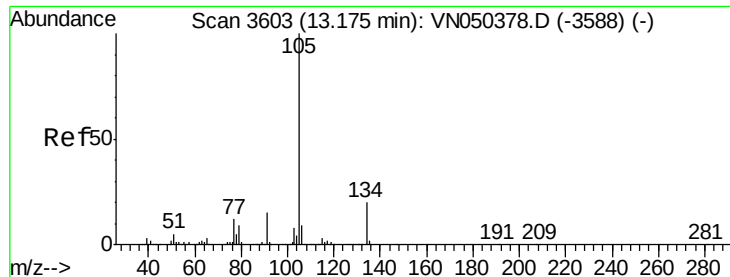
Tot Ion:119 Resp: 1353713  
 Ion Ratio Lower Upper  
 119 100  
 91 63.2 32.1 96.3  
 134 26.3 13.2 39.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 52.632 ug/l  
 RT: 13.04 min Scan# 3561  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

Tgt Ion:105 Resp: 1638087  
 Ion Ratio Lower Upper  
 105 100  
 120 45.3 22.9 68.7





#85

sec-Butylbenzene

Concen: 50.529 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

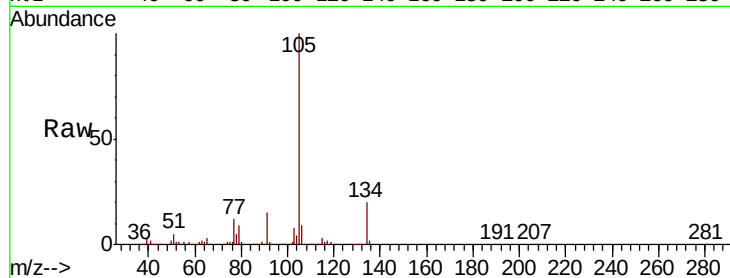
VSTDICCC050

Tot Ion:105 Resp: 1805072

Ion Ratio Lower Upper

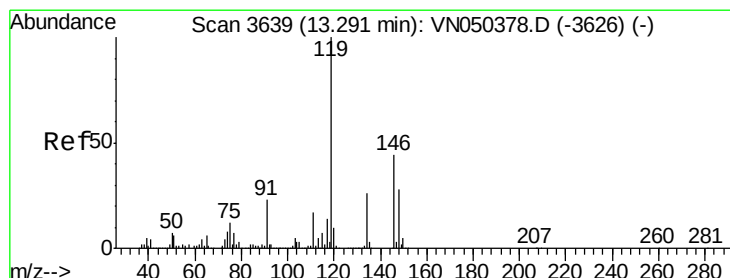
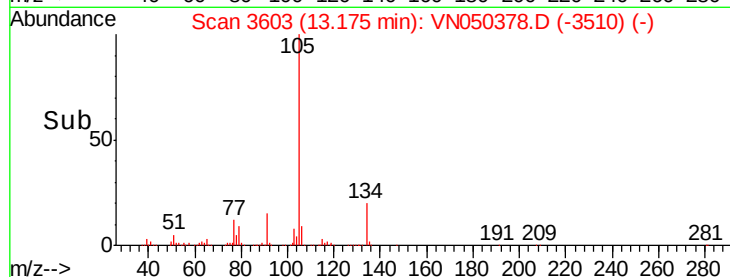
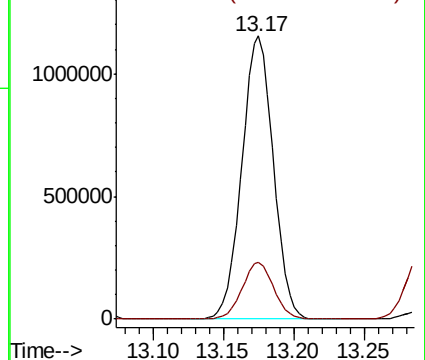
105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.059 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

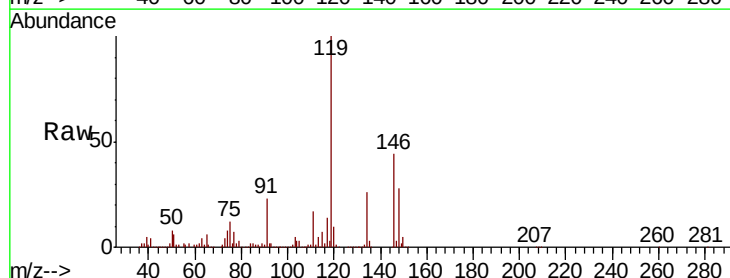
Tgt Ion:119 Resp: 1593800

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

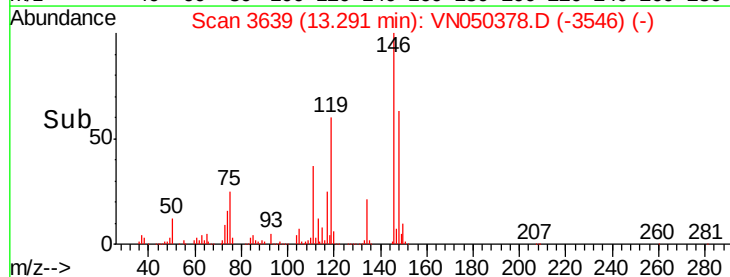
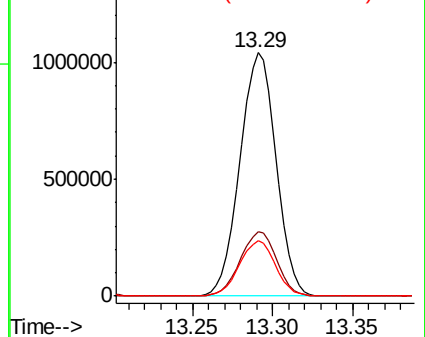
91 22.6 11.4 34.2

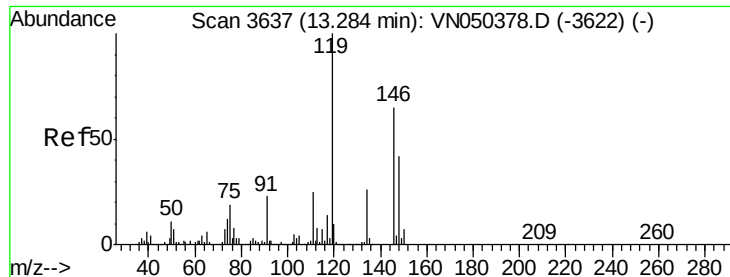


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VNO





#87

1,3-Dichlorobenzene

Concen: 48.917 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

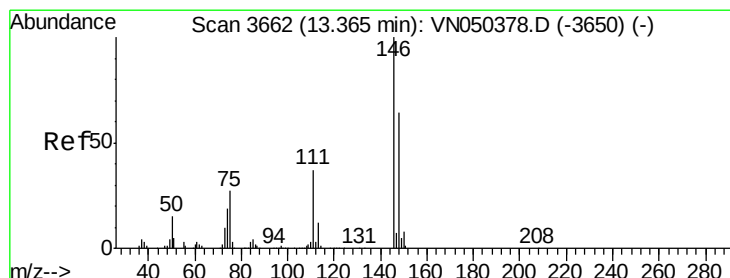
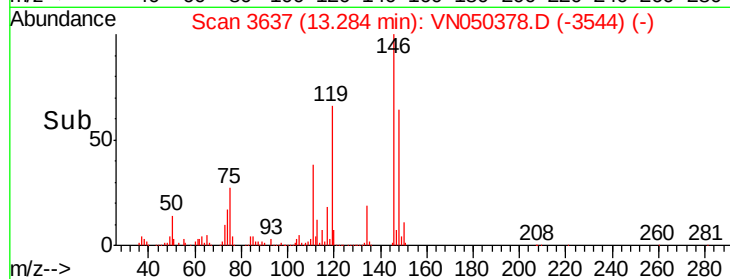
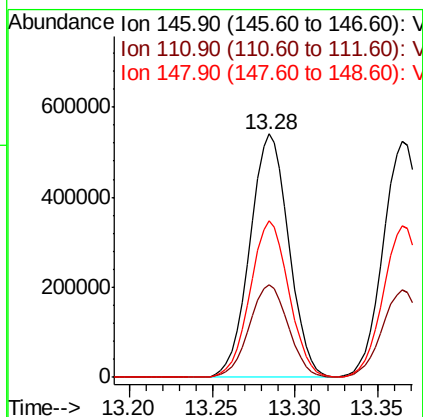
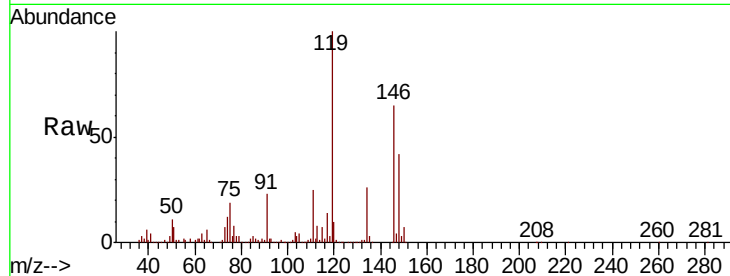
Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC050

Tot Ion:146 Resp: 883445

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 38.0  | 18.8  | 56.4  |
| 148 | 64.0  | 31.9  | 95.9  |



#88

1,4-Dichlorobenzene

Concen: 48.010 ug/l

RT: 13.36 min Scan# 3662

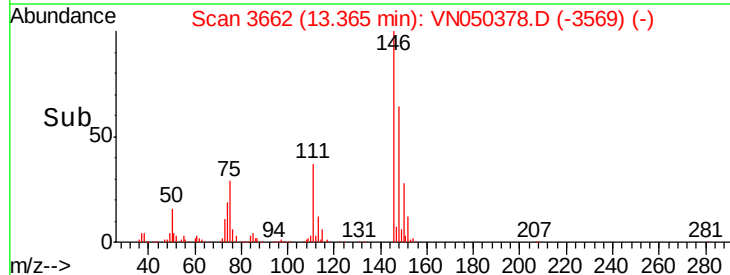
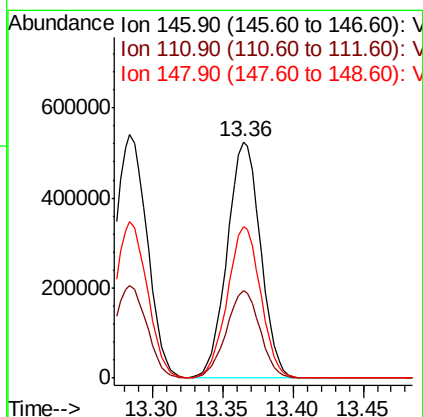
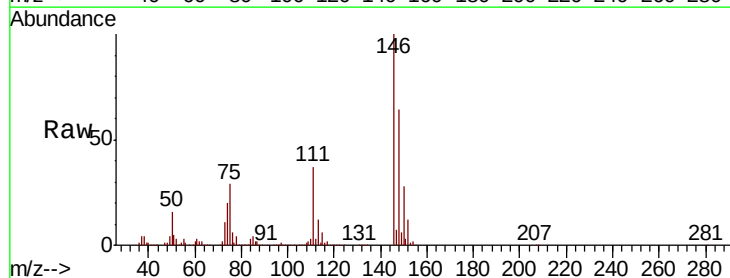
Delta R.T. 0.00 min

Lab File: VN050378.D

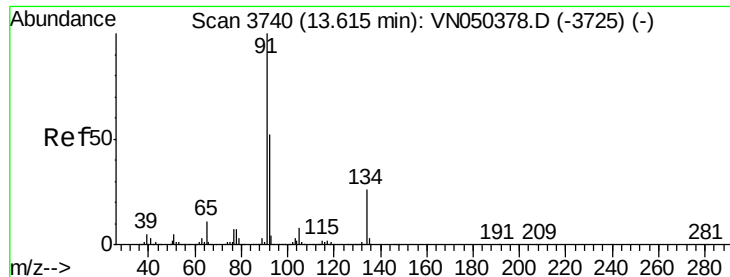
Acq: 6 Aug 2018 12:24

Tgt Ion:146 Resp: 865837

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 37.3  | 18.3  | 54.9  |
| 148 | 64.2  | 31.9  | 95.9  |







#89

n-Butylbenzene

Concen: 50.607 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

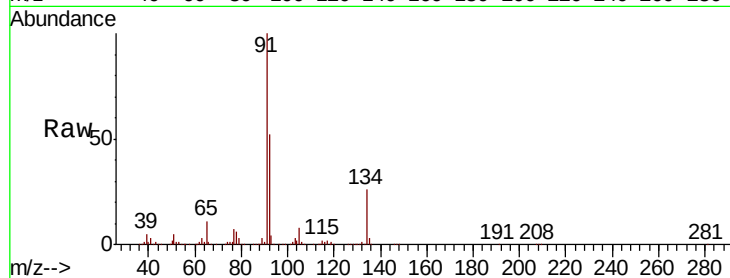
Tot Ion: 91 Resp: 1318980

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 52.0  | 25.8  | 77.4  |
| 134 | 26.1  | 12.8  | 38.4  |

91 100

92 52.0 25.8 77.4

134 26.1 12.8 38.4

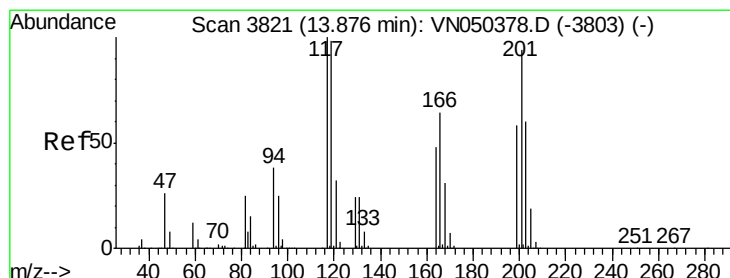
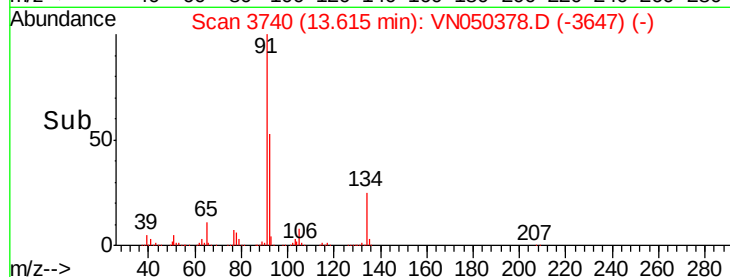
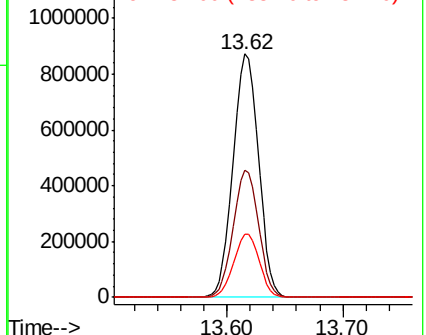


Abundance

Ion 91.00 (90.70 to 91.70): VN050378.D (-3725) (-)

Ion 92.00 (91.70 to 92.70): VN050378.D (-3725) (-)

Ion 134.00 (133.70 to 134.70): VN050378.D (-3725) (-)



#90

Hexachloroethane

Concen: 47.054 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN050378.D

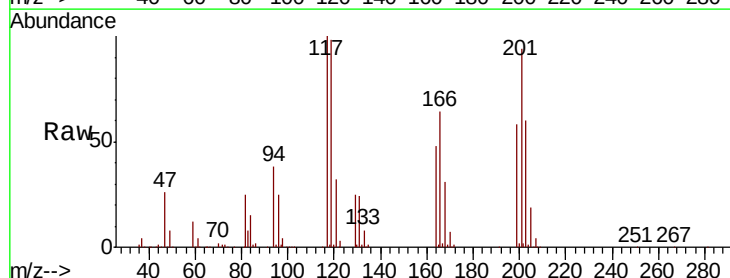
Acq: 6 Aug 2018 12:24

Tgt Ion: 117 Resp: 256159

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 91.4  | 45.6  | 136.8 |

117 100

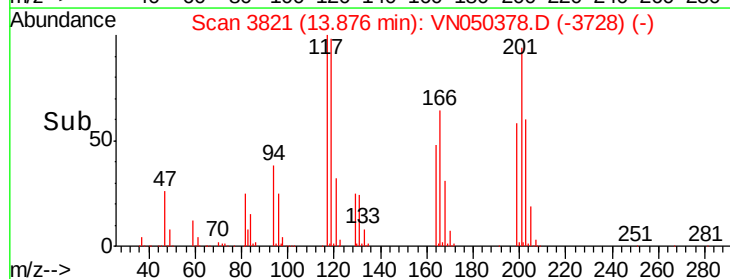
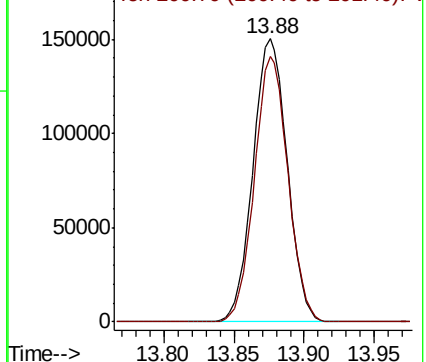
201 91.4 45.6 136.8

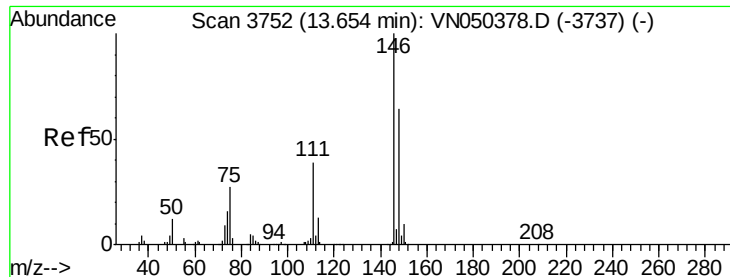


Abundance

Ion 116.80 (116.50 to 117.50): VN050378.D (-3803) (-)

Ion 200.70 (200.40 to 201.40): VN050378.D (-3803) (-)

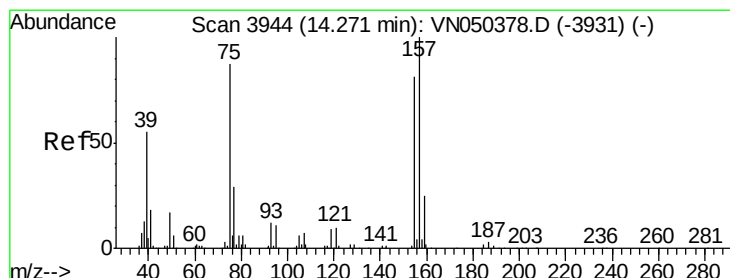
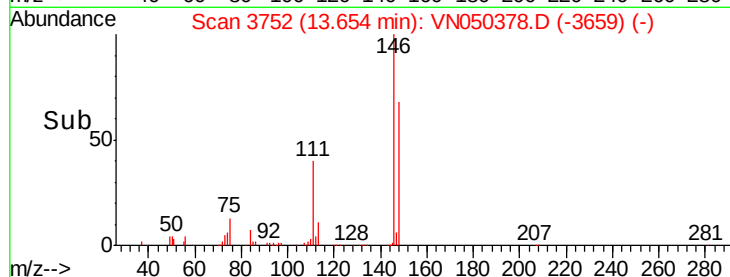
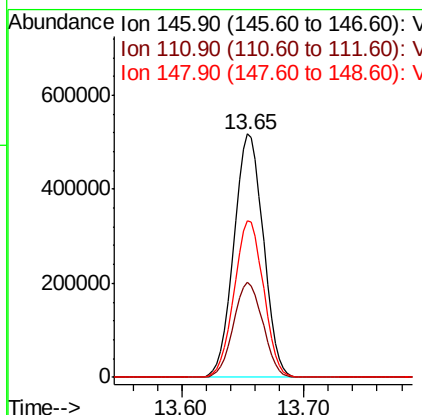
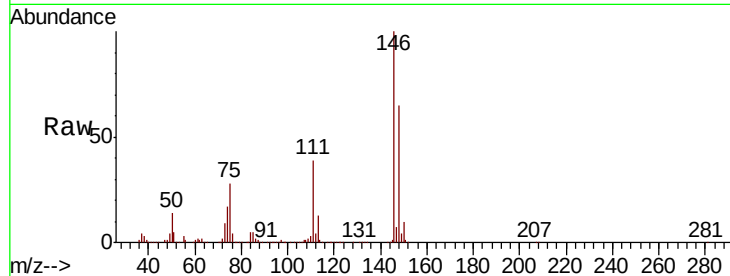




#91  
 1,2-Dichlorobenzene  
 Concen: 47.836 ug/l  
 RT: 13.65 min Scan# 3752  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

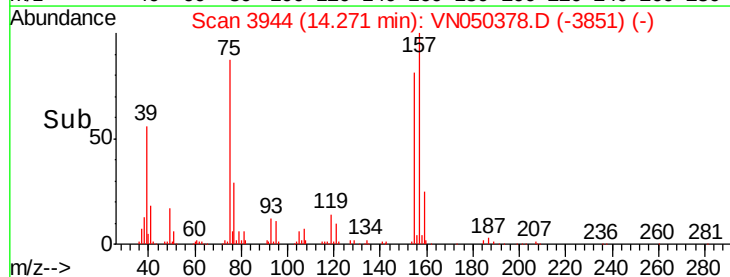
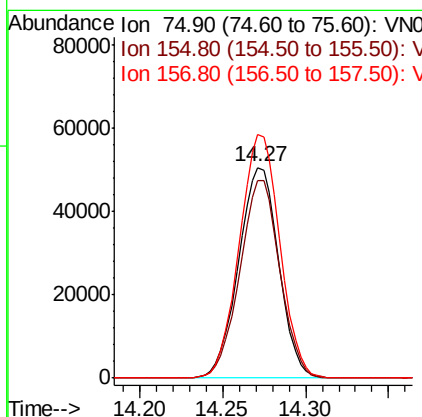
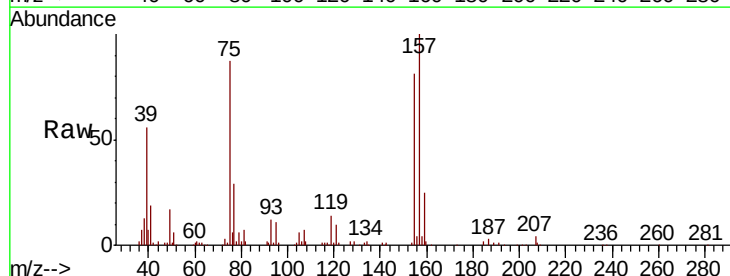
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

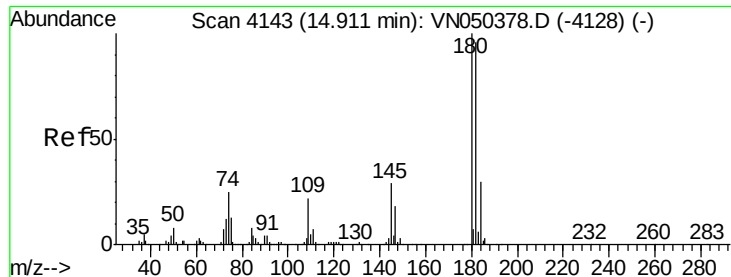
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.0  | 19.6  | 58.7  |
| 148     | 64.2  | 32.1  | 96.3  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 45.865 ug/l  
 RT: 14.27 min Scan# 3944  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 93.2  | 44.8  | 134.4 |
| 157     | 116.4 | 57.2  | 171.6 |

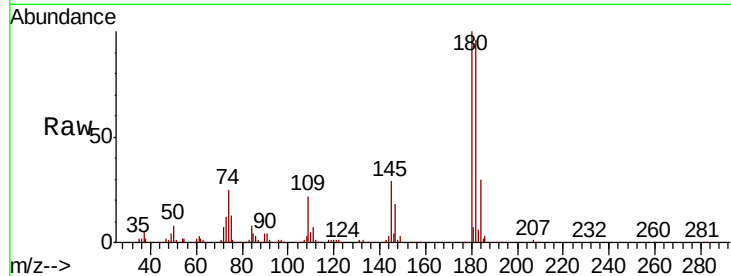




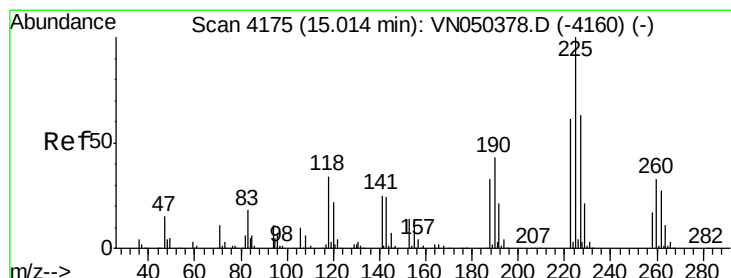
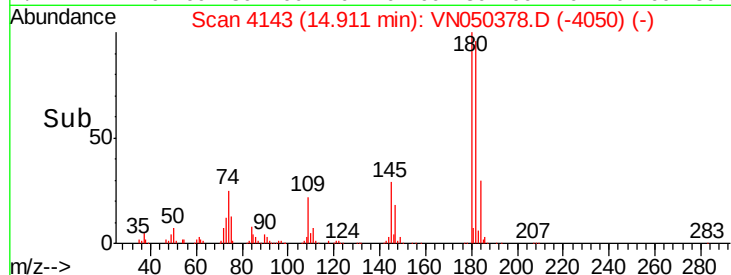
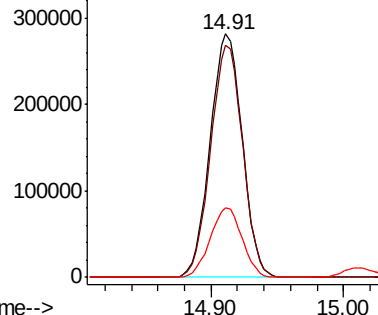
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.290 ug/l  
 RT: 14.91 min Scan# 4143  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC050

Tot Ion:180 Resp: 472939  
 Ion Ratio Lower Upper  
 180 100  
 182 95.1 46.7 140.1  
 145 28.4 13.8 41.4

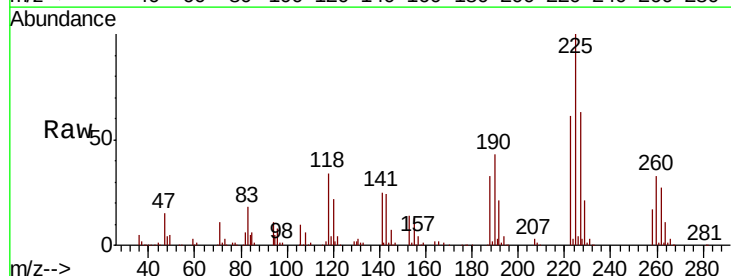


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

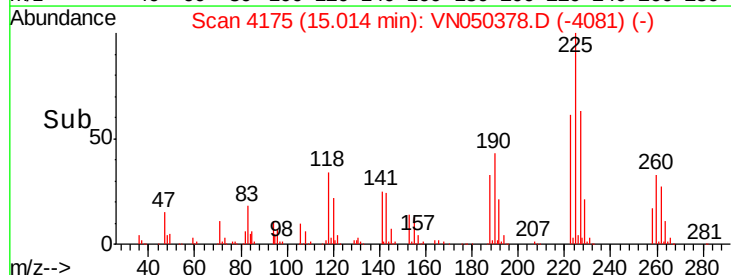
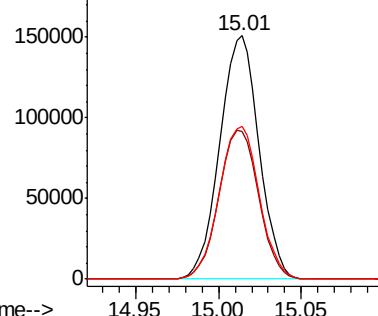


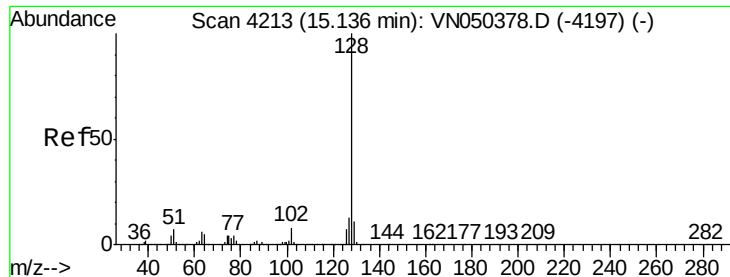
#94  
 Hexachlorobutadiene  
 Concen: 49.494 ug/l  
 RT: 15.01 min Scan# 4175  
 Delta R.T. 0.00 min  
 Lab File: VN050378.D  
 Acq: 6 Aug 2018 12:24

Tgt Ion:225 Resp: 249377  
 Ion Ratio Lower Upper  
 225 100  
 223 62.1 31.4 94.2  
 227 64.1 32.1 96.5



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





#95

Naphthalene

Concen: 46.859 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC050

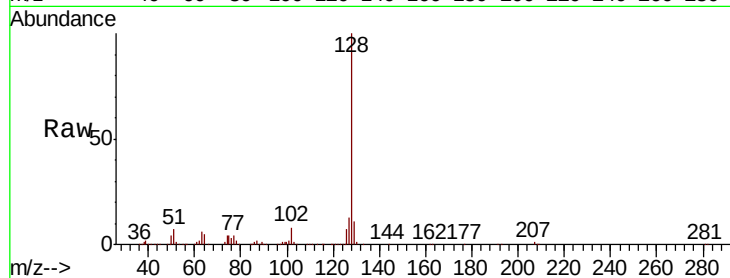
Tot Ion:128 Resp: 1138032

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

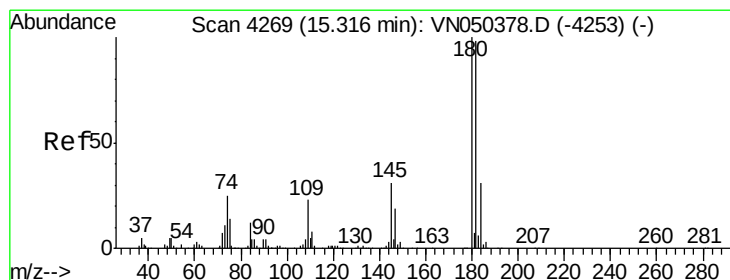
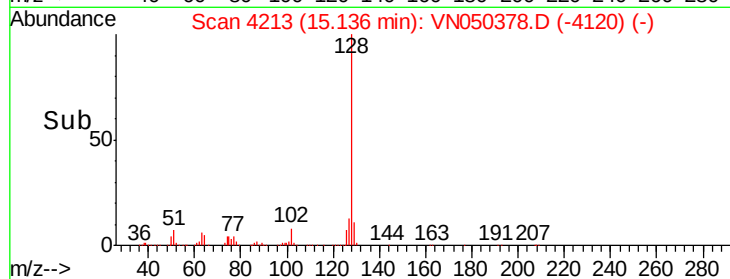
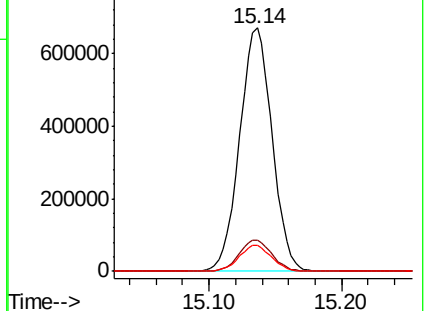
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.936 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050378.D

Acq: 6 Aug 2018 12:24

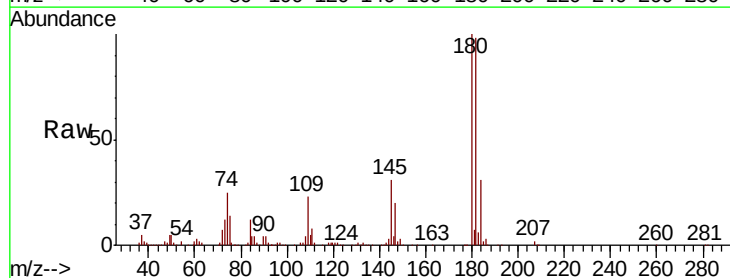
Tgt Ion:180 Resp: 456208

Ion Ratio Lower Upper

180 100

182 95.9 48.1 144.4

145 30.3 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

