

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\  
 Data File : VN054554.D  
 Acq On : 22 Mar 2019 13:30  
 Operator : JC/SP  
 Sample : VN0322MBS01  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0322MBS01

Quant Time: Mar 23 02:29:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032019W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 22 02:09:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 461633   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 780683   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 670324   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 283735   | 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   | 311426   | 54.24 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.48% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 244986   | 48.71 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.42%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 921638   | 48.74 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.48%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 308105   | 47.89 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.78%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 100812   | 22.844  | ug/l   | 99     |
| 3) Chloromethane              | 2.06 | 50   | 130648   | 21.759  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.19 | 62   | 119747   | 19.864  | ug/l   | 100    |
| 5) Bromomethane               | 2.58 | 94   | 69068    | 17.718  | ug/l   | 98     |
| 6) Chloroethane               | 2.71 | 64   | 66022    | 18.259  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.02 | 101  | 145566   | 19.883  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.41 | 74   | 52805    | 18.754  | ug/l   | 74     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101  | 81555    | 18.955  | ug/l   | 94     |
| 10) Methyl Iodide             | 3.94 | 142  | 110348   | 17.435  | ug/l   | 91     |
| 11) Tert butyl alcohol        | 4.82 | 59   | 40242    | 115.760 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 3.73 | 96   | 77462    | 17.397  | ug/l # | 77     |
| 13) Acrolein                  | 3.61 | 56   | 46199    | 96.301  | ug/l   | 97     |
| 14) Allyl chloride            | 4.32 | 41   | 179778   | 21.442  | ug/l # | 91     |
| 15) Acrylonitrile             | 5.00 | 53   | 209400   | 120.958 | ug/l   | 99     |
| 16) Acetone                   | 3.82 | 43   | 168803   | 97.781  | ug/l # | 82     |
| 17) Carbon Disulfide          | 4.04 | 76   | 203286   | 17.039  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.33 | 43   | 94854    | 24.651  | ug/l   | 91     |
| 19) Methyl tert-butyl Ether   | 5.06 | 73   | 294986   | 22.701  | ug/l   | 92     |
| 20) Methylene Chloride        | 4.55 | 84   | 110671   | 21.748  | ug/l # | 81     |
| 21) trans-1,2-Dichloroethene  | 5.03 | 96   | 99326    | 21.846  | ug/l   | 87     |
| 22) Diisopropyl ether         | 5.96 | 45   | 385355   | 23.301  | ug/l # | 95     |
| 23) Vinyl Acetate             | 5.90 | 43   | 1360798  | 116.501 | ug/l # | 94     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 202325   | 22.721  | ug/l   | 98     |
| 25) 2-Butanone                | 6.85 | 43   | 264619   | 119.660 | ug/l # | 89     |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 126872   | 19.987  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 113175   | 20.869  | ug/l   | 86     |
| 28) Bromochloromethane        | 7.19 | 49   | 98912    | 22.566  | ug/l # | 73     |
| 29) Tetrahydrofuran           | 7.22 | 42   | 176833   | 123.223 | ug/l # | 85     |
| 30) Chloroform                | 7.37 | 83   | 191973   | 22.091  | ug/l   | 100    |
| 31) Cyclohexane               | 7.65 | 56   | 195704   | 21.892  | ug/l   | 89     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 154481   | 21.547  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 148945   | 20.405  | ug/l   | 94     |
| 37) Ethyl Acetate             | 6.94 | 43   | 115432   | 22.234  | ug/l   | 96     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 127551   | 17.982  | ug/l   | 99     |

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 Acq On : 22 Mar 2019 13:30  
 Operator : JC/SP  
 Sample : VN0322MBS01  
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0322MBS01

Quant Time: Mar 23 02:29:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032019W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 22 02:09:07 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 165320   | 19.799  | ug/l   | 89       |
| 40) Benzene                    | 8.04  | 78   | 431081   | 20.652  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 63192    | 19.959  | ug/l   | 91       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 156787   | 20.626  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 190350   | 21.710  | ug/l # | 94       |
| 44) Trichloroethene            | 8.83  | 130  | 112584   | 19.400  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 123693   | 22.069  | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 69903    | 20.906  | ug/l   | 90       |
| 47) Bromodichloromethane       | 9.40  | 83   | 137571   | 19.824  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.20  | 41   | 104285   | 21.914  | ug/l # | 86       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 22708    | 426.829 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 562040   | 115.665 | ug/l   | 94       |
| 52) Toluene                    | 10.16 | 92   | 256587   | 19.987  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 122527   | 18.223  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 159336   | 20.025  | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 96166    | 20.839  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 134946   | 21.787  | ug/l # | 86       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 170895   | 21.303  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 261183   | 102.403 | ug/l   | 90       |
| 59) 2-Hexanone                 | 10.75 | 43   | 356225   | 112.233 | ug/l   | 91       |
| 60) Dibromochloromethane       | 10.90 | 129  | 91975    | 18.730  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 95086    | 20.842  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.63 | 164  | 109108   | 19.624  | ug/l   | 93       |
| 65) Chlorobenzene              | 11.43 | 112  | 268690   | 19.708  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 98068    | 20.040  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 491869   | 20.424  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 361396   | 39.618  | ug/l   | 95       |
| 69) o-Xylene                   | 11.95 | 106  | 180898   | 20.306  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 290498   | 20.080  | ug/l   | 96       |
| 71) Bromoform                  | 12.13 | 173  | 53054    | 17.248  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.25 | 105  | 470099   | 20.561  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 152920   | 23.261  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 119196   | 22.838  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 138401   | 30.739  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 113196   | 19.962  | ug/l   | 86       |
| 78) n-propylbenzene            | 12.59 | 91   | 515952   | 20.811  | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 314553   | 20.345  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 390433   | 20.835  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 20186    | 17.647  | ug/l # | 73       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 307762   | 20.536  | ug/l   | 95       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 336832   | 20.650  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 374042   | 20.343  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 422913   | 20.799  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 379923   | 20.885  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 184836   | 19.670  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 177226   | 19.384  | ug/l   | 96       |
| 89) n-Butylbenzene             | 13.61 | 91   | 301642   | 21.206  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 51552    | 18.257  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 188314   | 20.690  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 16081    | 21.006  | ug/l   | 87       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN032219\  
Data File : VN054554.D  
Acq On : 22 Mar 2019 13:30  
Operator : JC/SP  
Sample : VN0322MBS01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0322MBS01

Quant Time: Mar 23 02:29:30 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032019W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 22 02:09:07 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 94698    | 20.871 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 59959    | 22.139 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 224096   | 22.142 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 97327    | 21.552 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

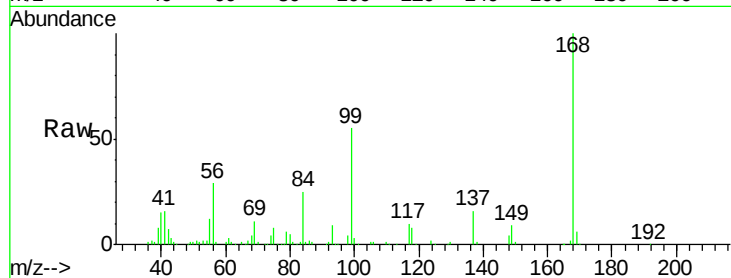
VN0322MBS01

Tot Ion:168 Resp: 461633

Ion Ratio Lower Upper

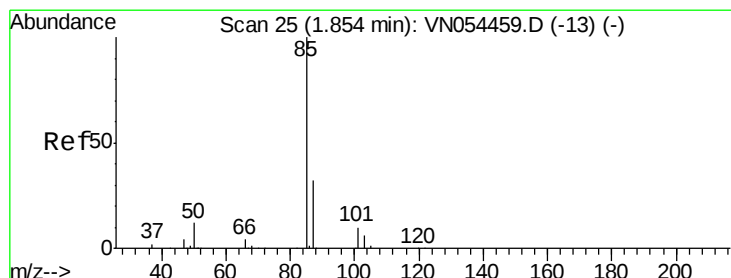
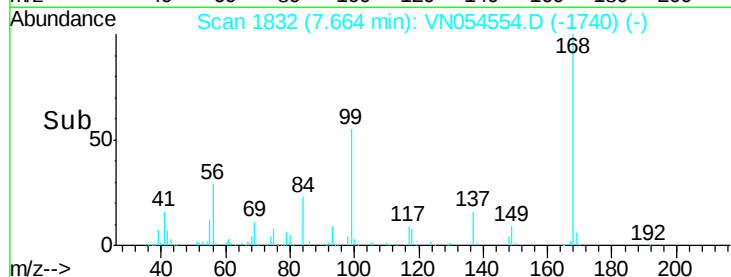
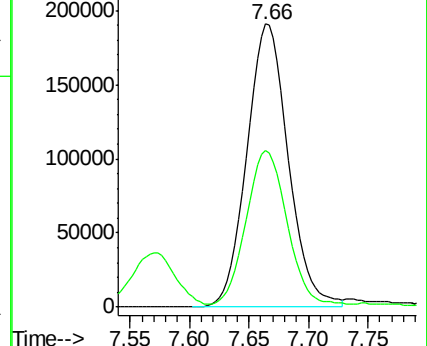
168 100

99 53.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 22.844 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054554.D

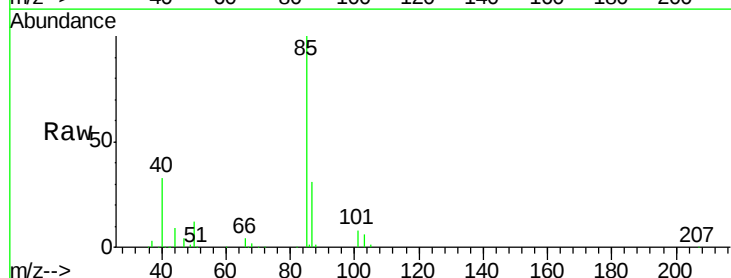
Acq: 22 Mar 2019 13:30

Tgt Ion: 85 Resp: 100812

Ion Ratio Lower Upper

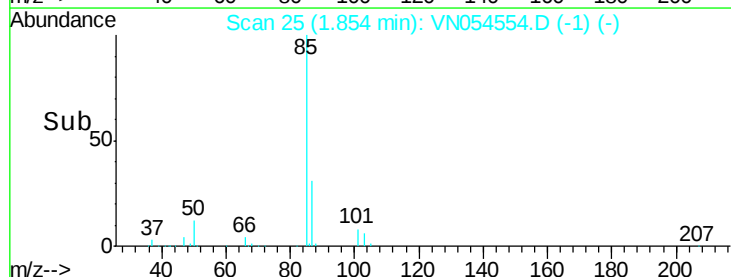
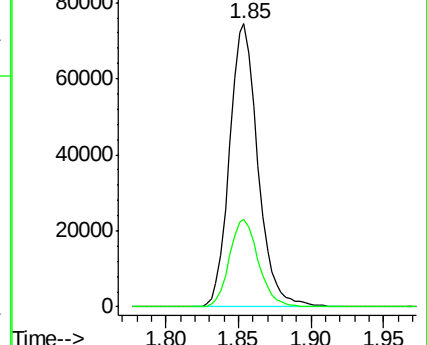
85 100

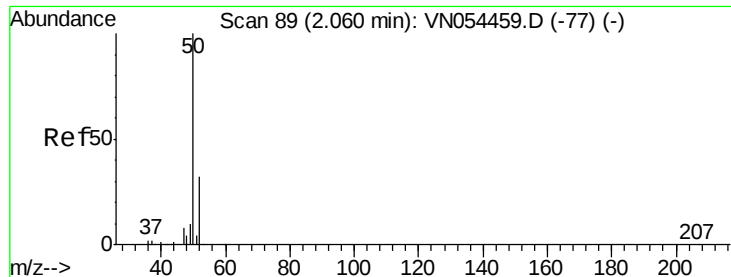
87 31.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 21.759 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

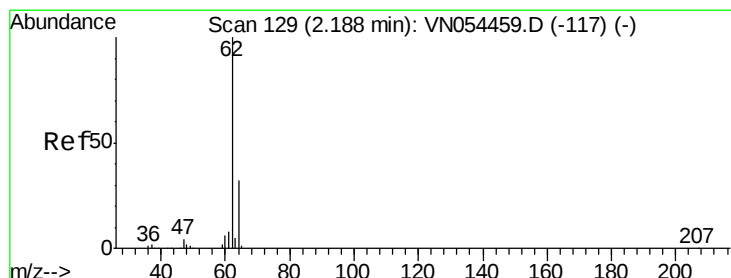
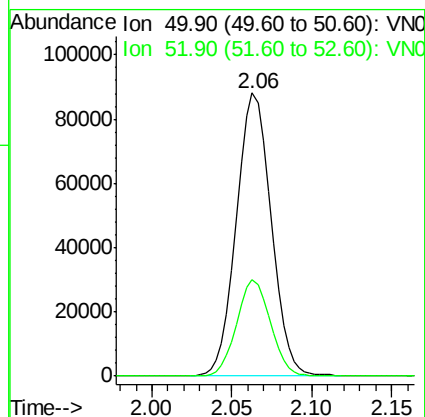
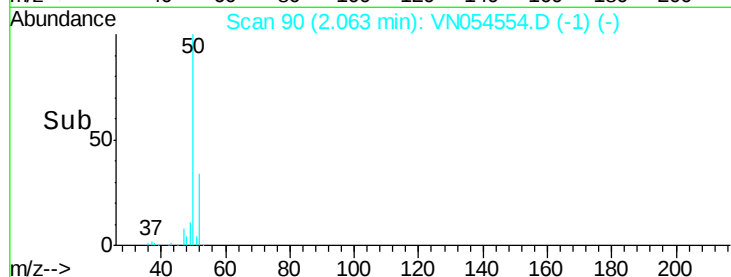
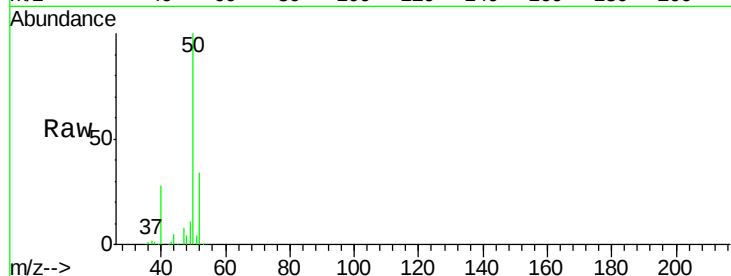
VN0322MBS01

Tot Ion: 50 Resp: 130648

Ion Ratio Lower Upper

50 100

52 33.9 26.4 39.6



#4

Vinyl Chloride

Concen: 19.864 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN054554.D

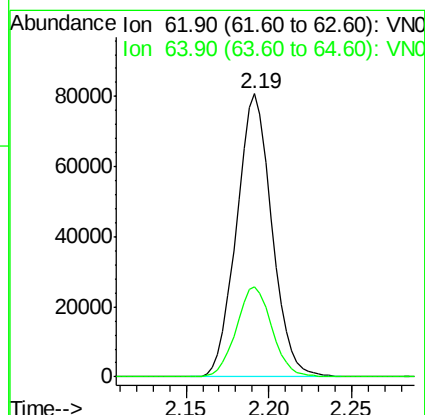
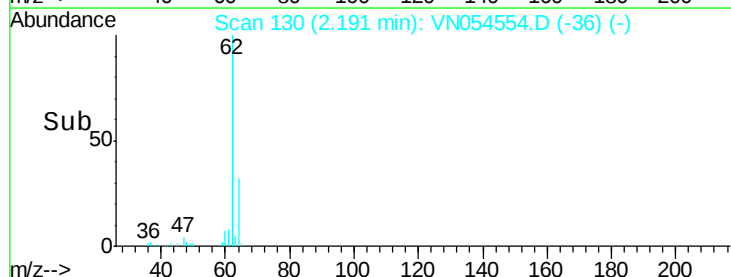
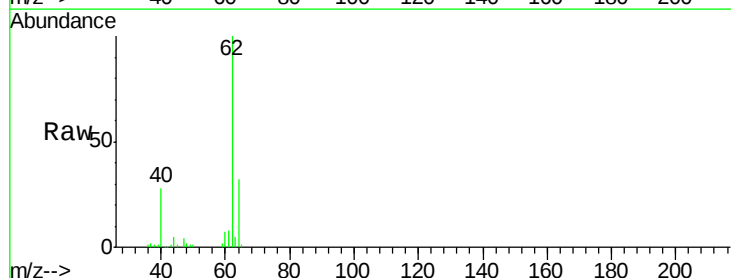
Acq: 22 Mar 2019 13:30

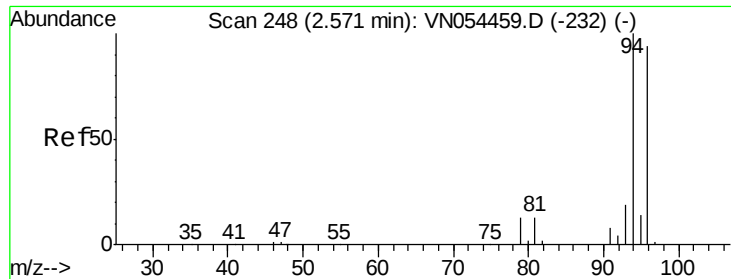
Tgt Ion: 62 Resp: 119747

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3





#5

Bromomethane

Concen: 17.718 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

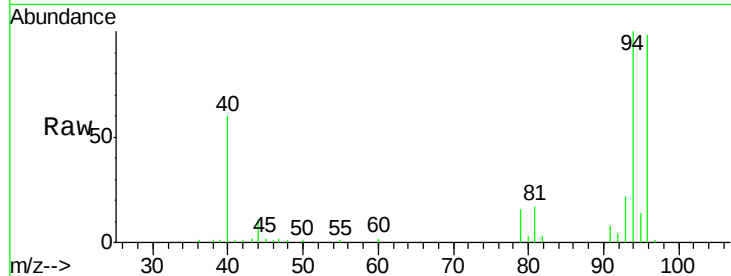
VN0322MBS01

Tot Ion: 94 Resp: 69068

Ion Ratio Lower Upper

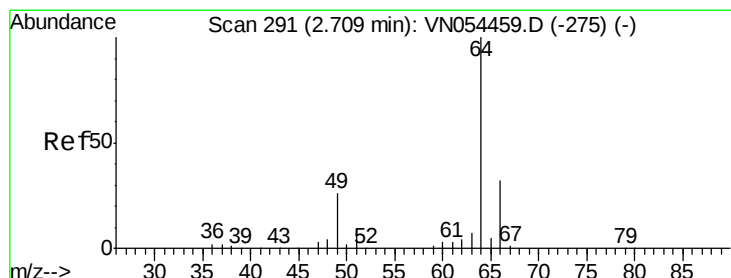
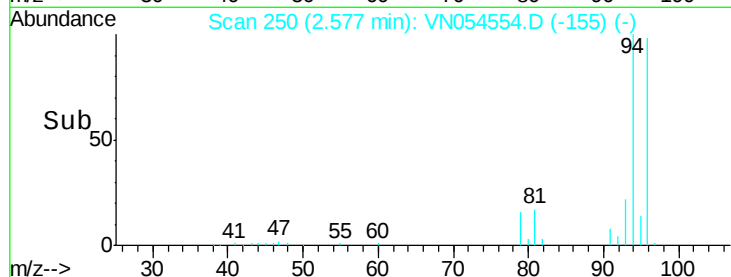
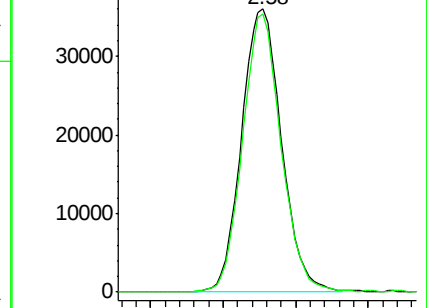
94 100

96 98.2 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.259 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN054554.D

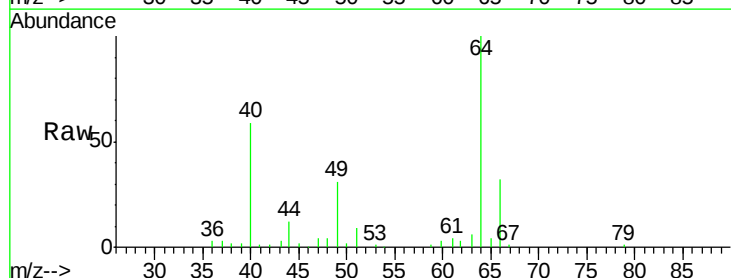
Acq: 22 Mar 2019 13:30

Tgt Ion: 64 Resp: 66022

Ion Ratio Lower Upper

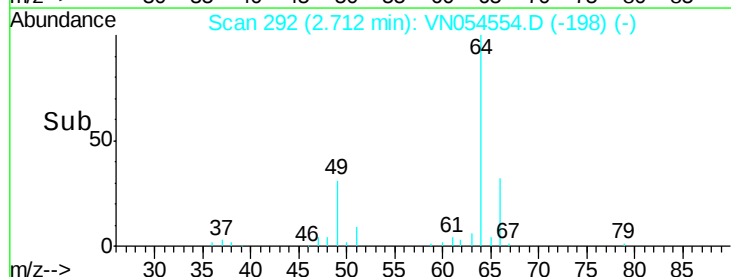
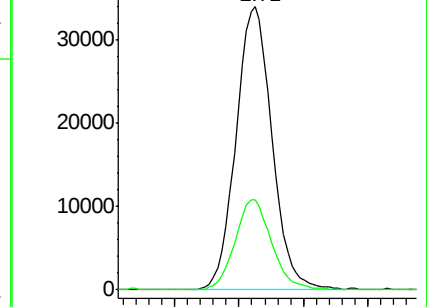
64 100

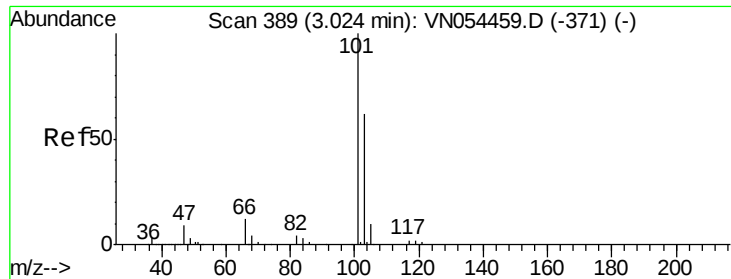
66 31.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



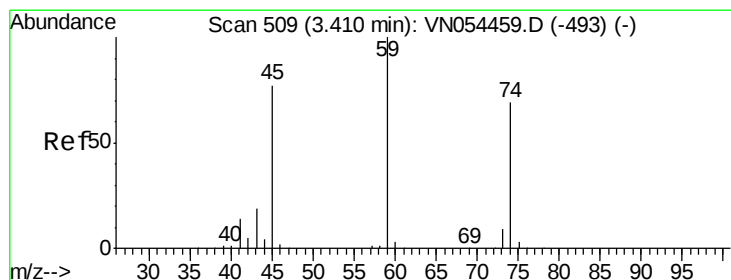
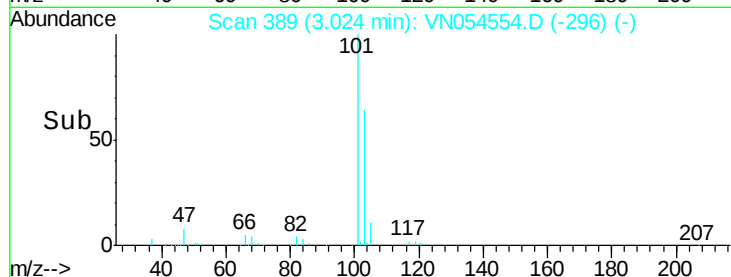
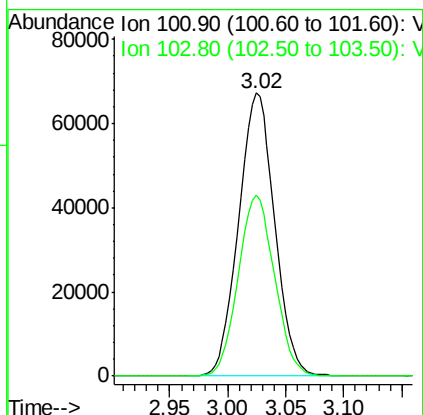
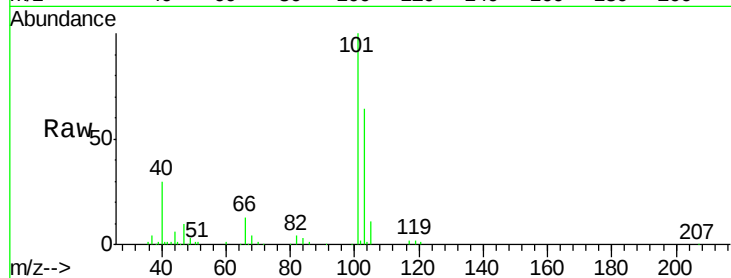


#7

Trichlorofluoromethane  
Concen: 19.883 ug/l  
RT: 3.02 min Scan# 389  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0322MBS01

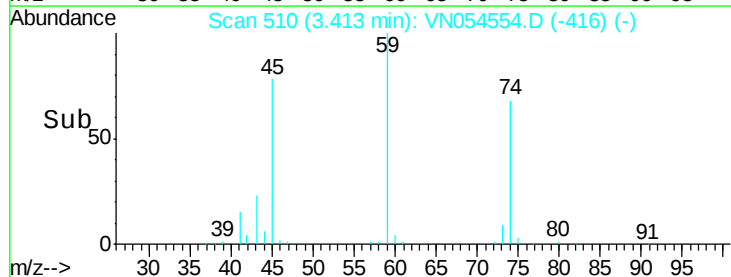
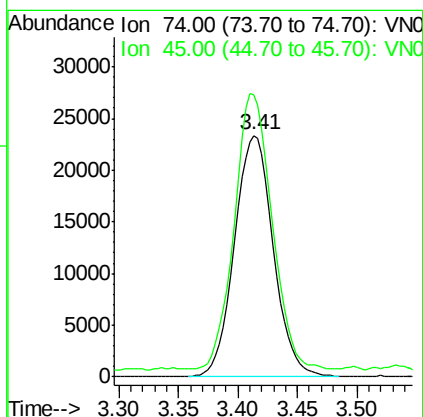
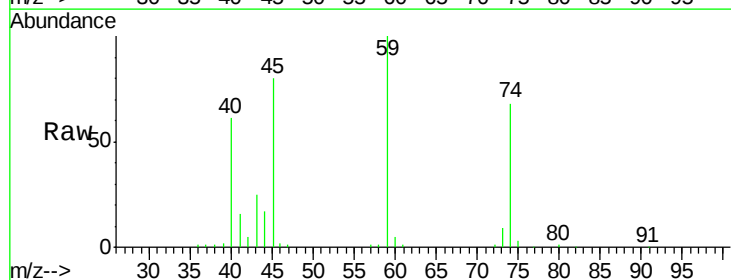
Tot Ion:101 Resp: 145566  
Ion Ratio Lower Upper  
101 100  
103 63.8 51.4 77.2

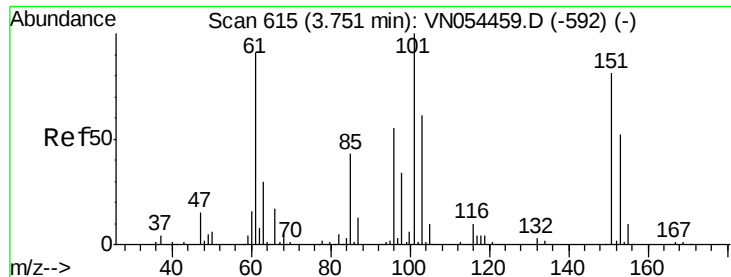


#8

Diethyl Ether  
Concen: 18.754 ug/l  
RT: 3.41 min Scan# 510  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

Tgt Ion: 74 Resp: 52805  
Ion Ratio Lower Upper  
74 100  
45 110.3 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.955 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0322MBS01

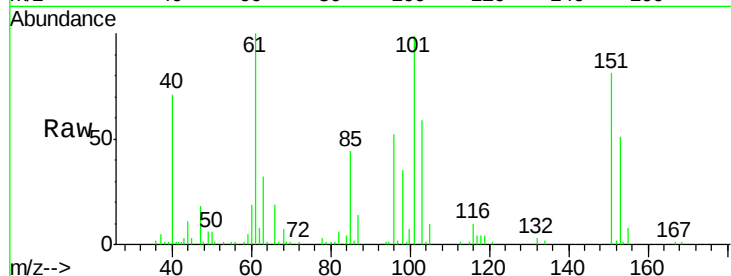
Tot Ion:101 Resp: 81555

Ion Ratio Lower Upper

101 100

85 44.8 32.4 48.6

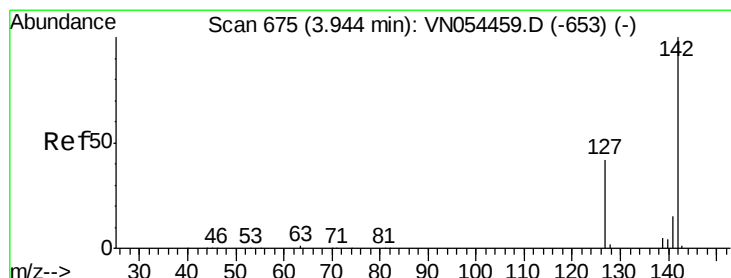
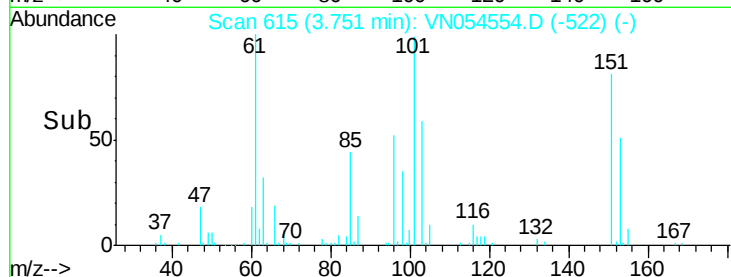
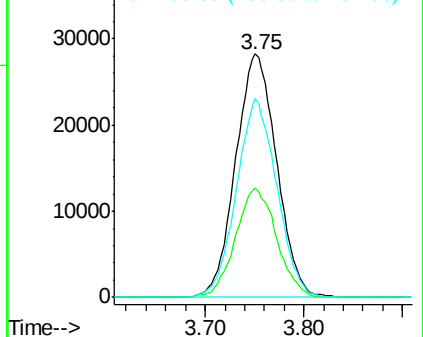
151 80.1 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.435 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

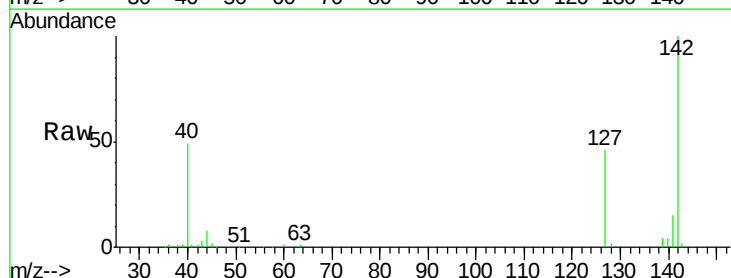
Tgt Ion:142 Resp: 110348

Ion Ratio Lower Upper

142 100

127 45.1 30.3 45.5

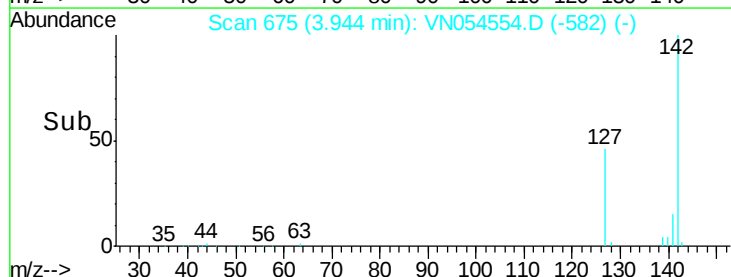
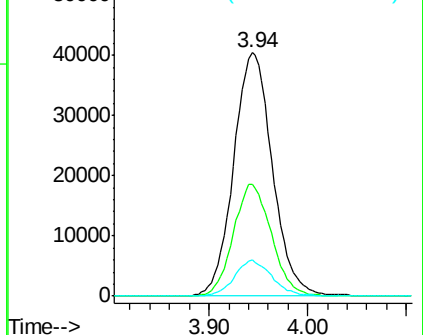
141 14.3 11.2 16.8

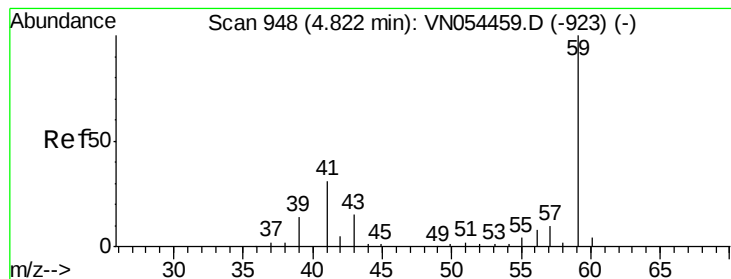


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



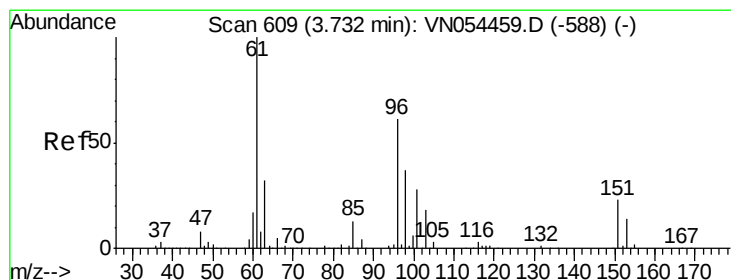
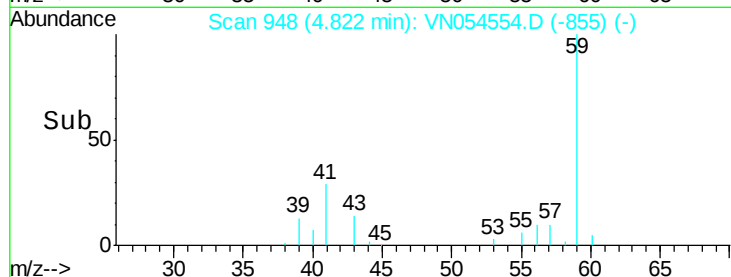
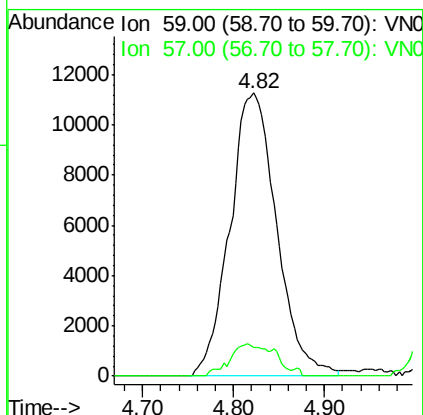
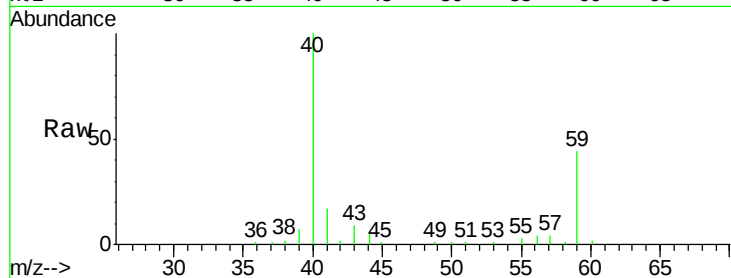


#11

Tert butyl alcohol  
 Concen: 115.760 ug/l  
 RT: 4.82 min Scan# 948  
 Delta R.T. 0.00 min  
 Lab File: VN054554.D  
 Acq: 22 Mar 2019 13:30

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0322MBS01

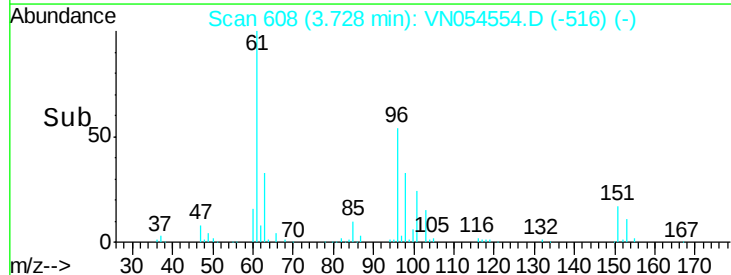
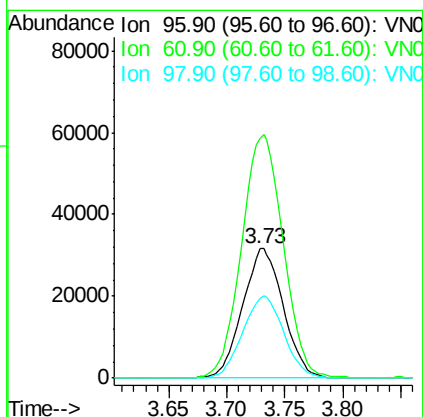
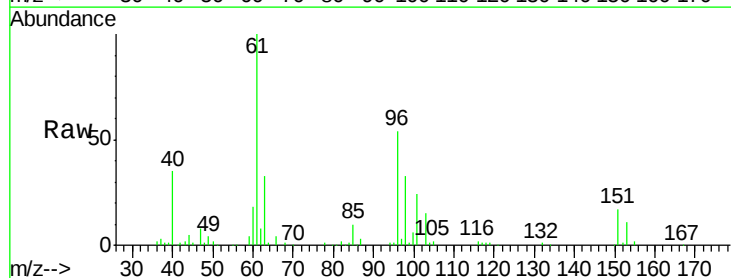
Tot Ion: 59 Resp: 40242  
 Ion Ratio Lower Upper  
 59 100  
 57 10.8 9.0 13.6

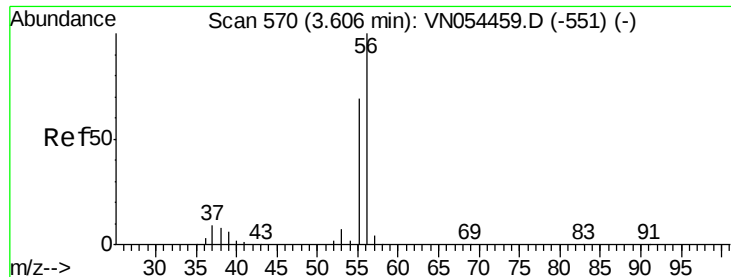


#12

1,1-Dichloroethene  
 Concen: 17.397 ug/l  
 RT: 3.73 min Scan# 608  
 Delta R.T. -0.00 min  
 Lab File: VN054554.D  
 Acq: 22 Mar 2019 13:30

Tgt Ion: 96 Resp: 77462  
 Ion Ratio Lower Upper  
 96 100  
 61 186.0 116.5 174.7#  
 98 62.2 51.0 76.4





#13

Acrolein

Concen: 96.301 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

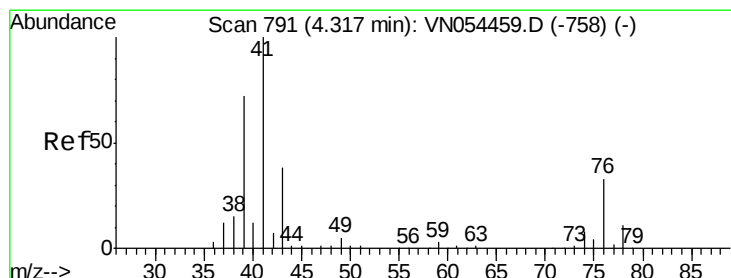
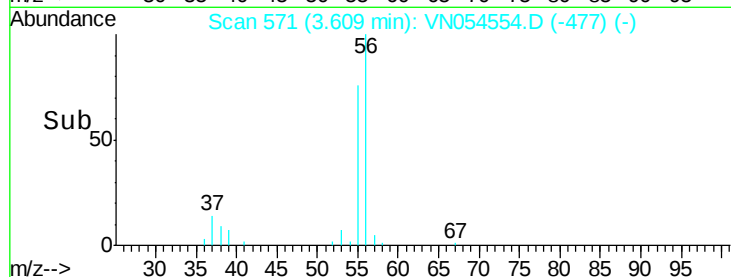
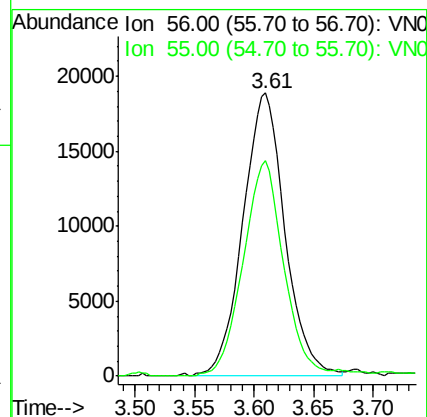
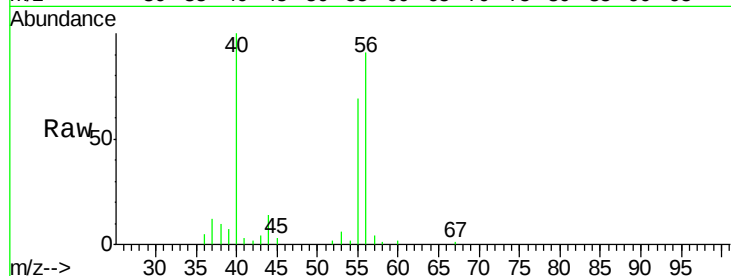
VN0322MBS01

Tot Ion: 56 Resp: 46199

Ion Ratio Lower Upper

56 100

55 73.0 56.7 85.1



#14

Allyl chloride

Concen: 21.442 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

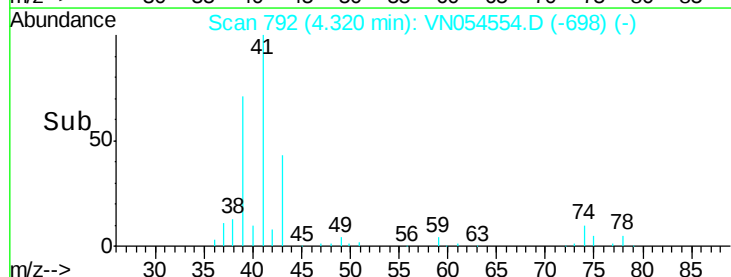
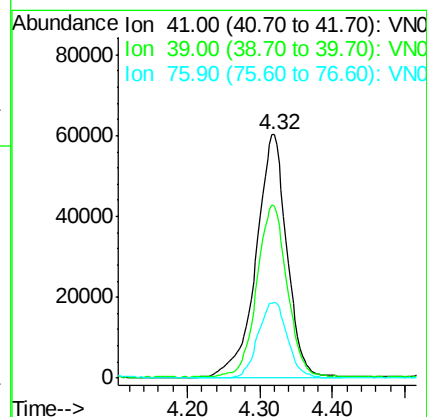
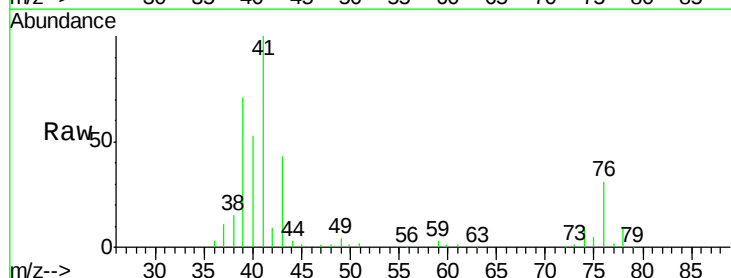
Tgt Ion: 41 Resp: 179778

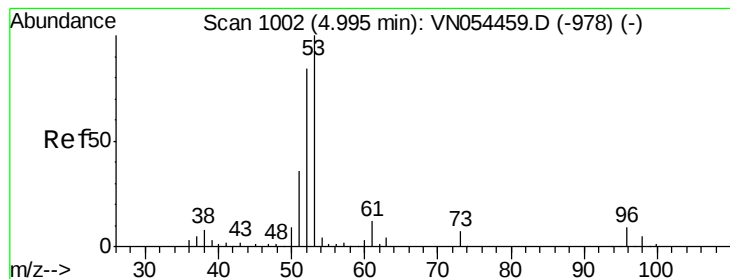
Ion Ratio Lower Upper

41 100

39 68.4 58.2 87.4

76 29.4 31.7 47.5#





#15

Acrylonitrile

Concen: 120.958 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0322MBS01

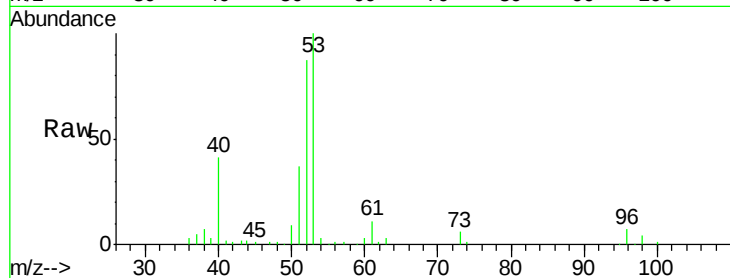
Tot Ion: 53 Resp: 209400

Ion Ratio Lower Upper

53 100

52 84.7 66.4 99.6

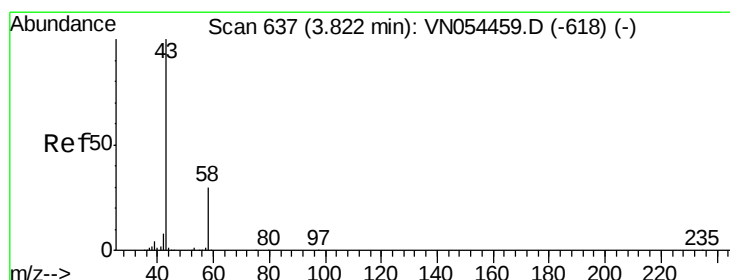
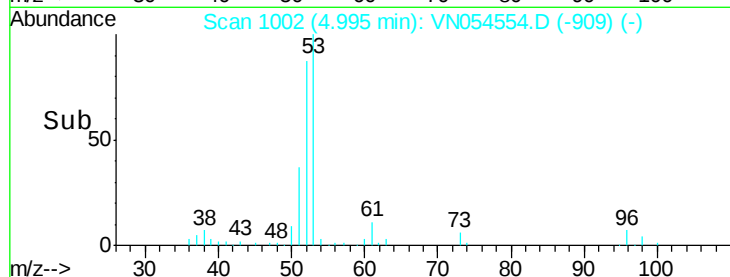
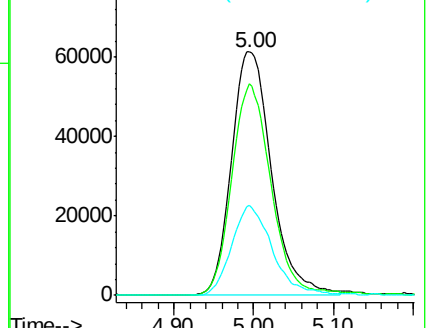
51 37.4 29.6 44.4



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: 97.781 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054554.D

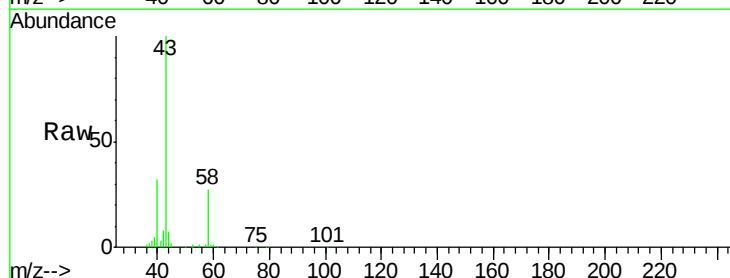
Acq: 22 Mar 2019 13:30

Tgt Ion: 43 Resp: 168803

Ion Ratio Lower Upper

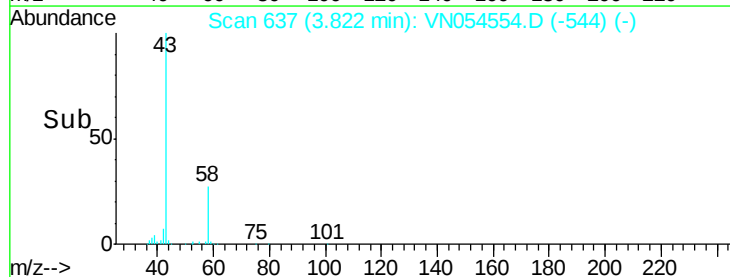
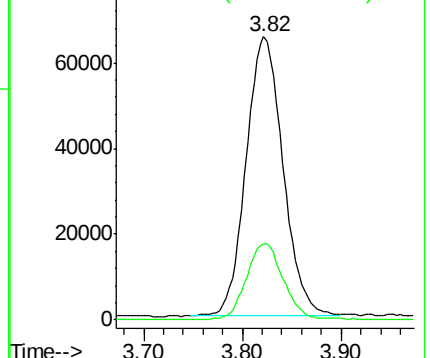
43 100

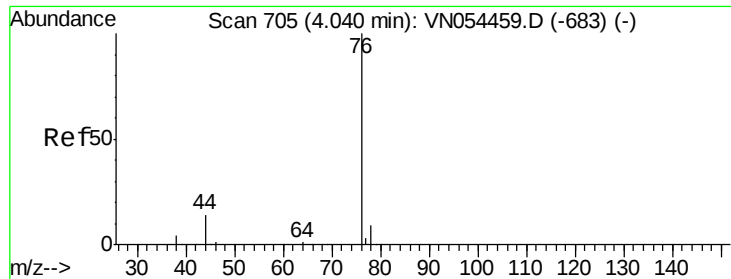
58 26.8 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 17.039 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

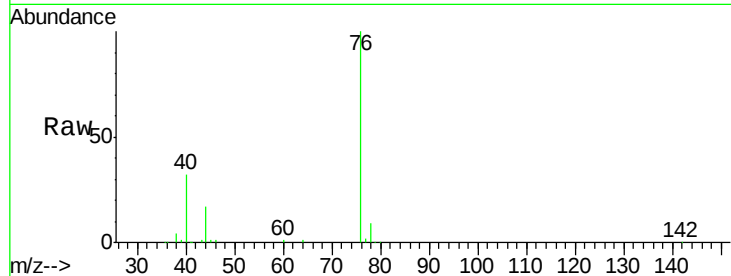
VN0322MBS01

Tot Ion: 76 Resp: 203286

Ion Ratio Lower Upper

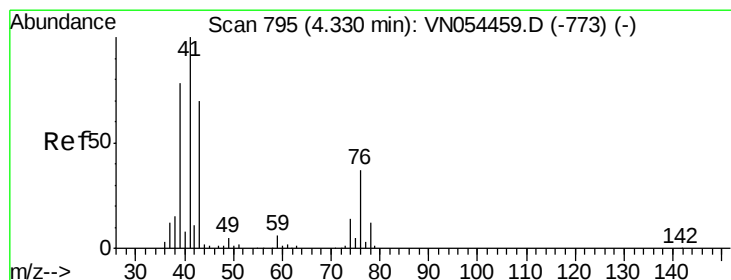
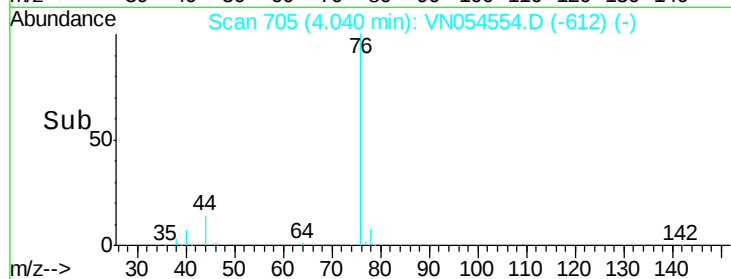
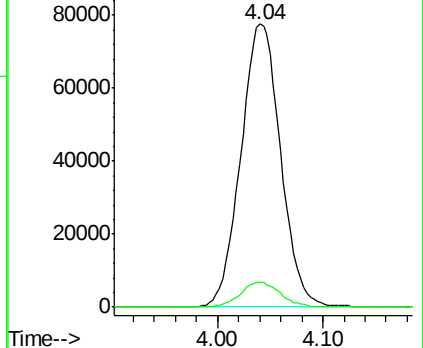
76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 24.651 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN054554.D

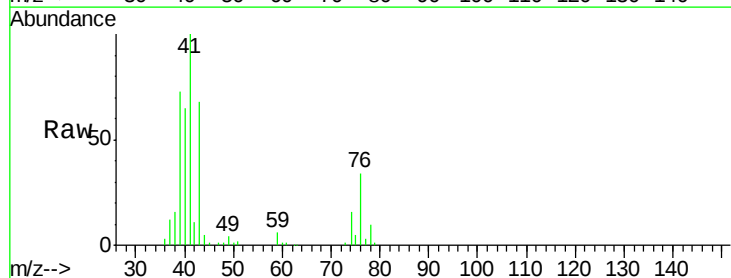
Acq: 22 Mar 2019 13:30

Tgt Ion: 43 Resp: 94854

Ion Ratio Lower Upper

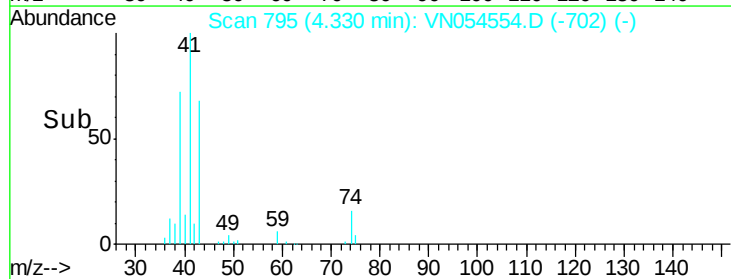
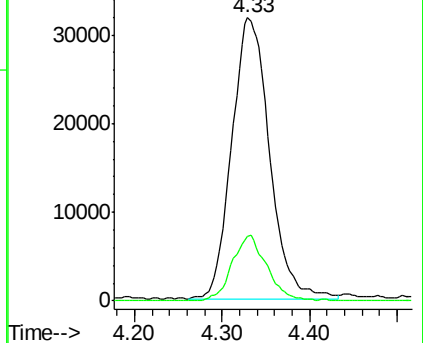
43 100

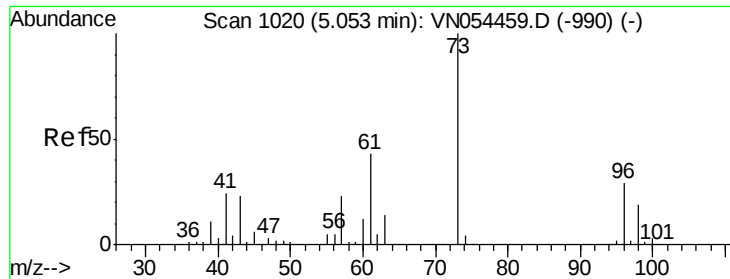
74 21.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

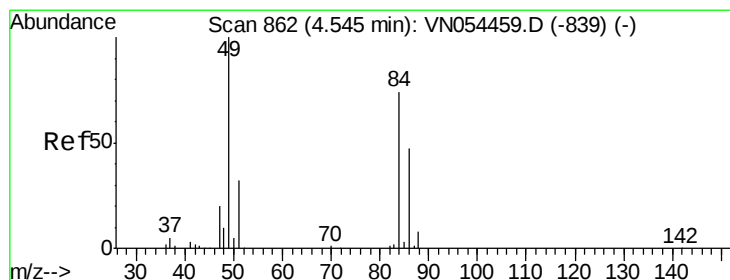
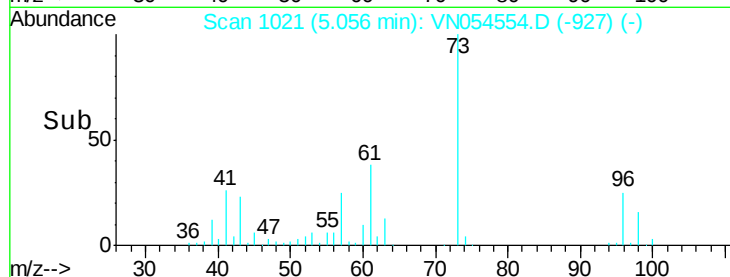
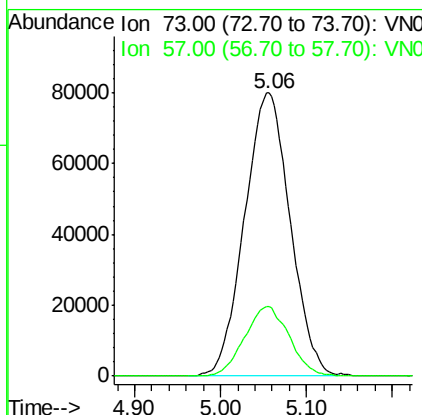
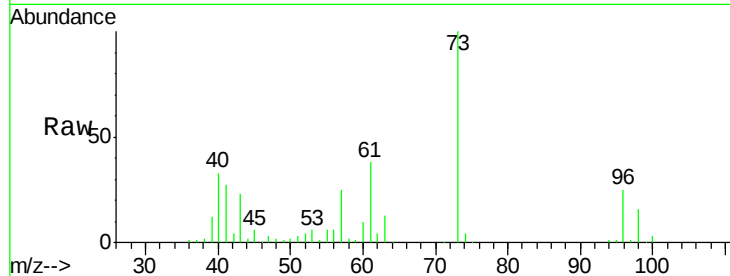




#19  
Methvl tert-butvl Ether  
Concen: 22.701 ug/l  
RT: 5.06 min Scan# 1021  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

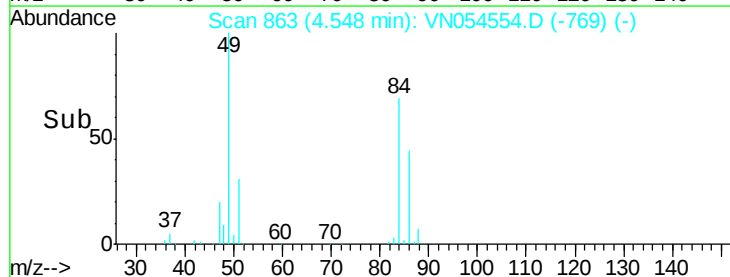
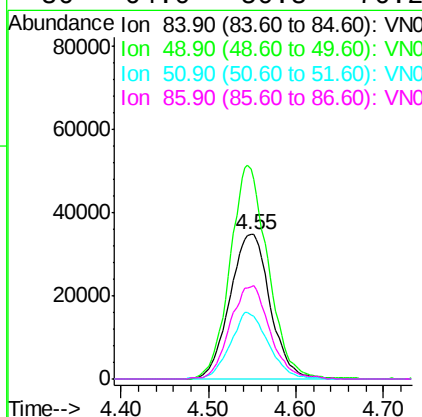
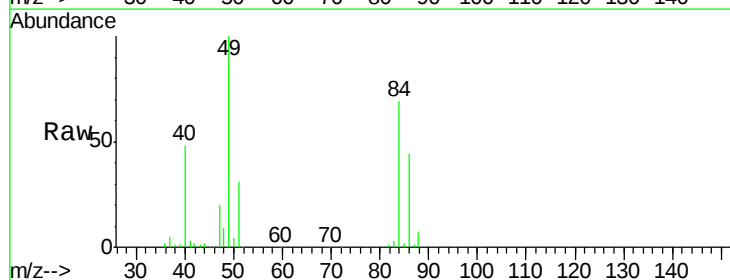
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0322MBS01

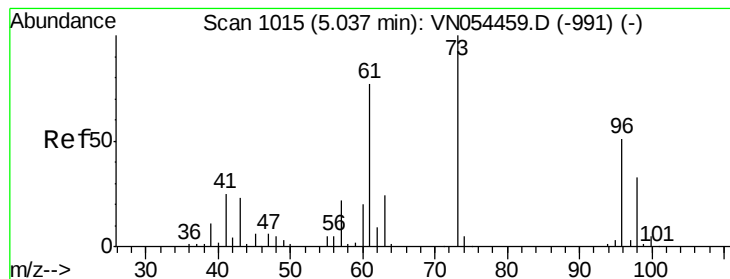
Tot Ion: 73 Resp: 294986  
Ion Ratio Lower Upper  
73 100  
57 24.7 16.8 25.2



#20  
Methylene Chloride  
Concen: 21.748 ug/l  
RT: 4.55 min Scan# 863  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

Tgt Ion: 84 Resp: 110671  
Ion Ratio Lower Upper  
84 100  
49 145.0 89.7 134.5#  
51 44.6 28.2 42.4#  
86 64.0 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 21.846 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0322MBS01

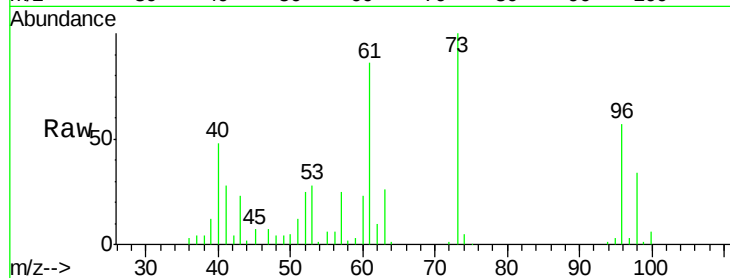
Tot Ion: 96 Resp: 99326

Ion Ratio Lower Upper

96 100

61 149.2 102.8 154.2

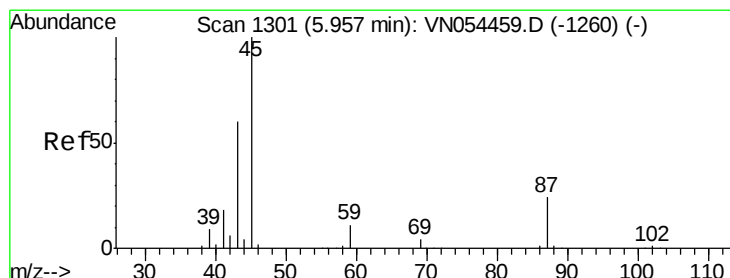
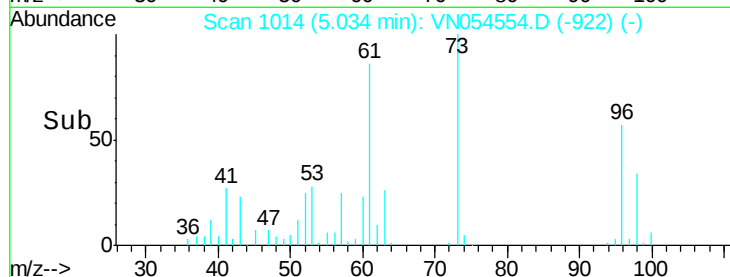
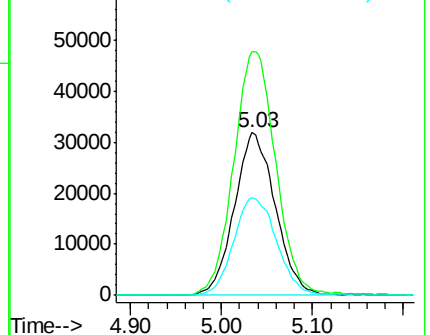
98 59.9 50.0 75.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 23.301 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Tgt Ion: 45 Resp: 385355

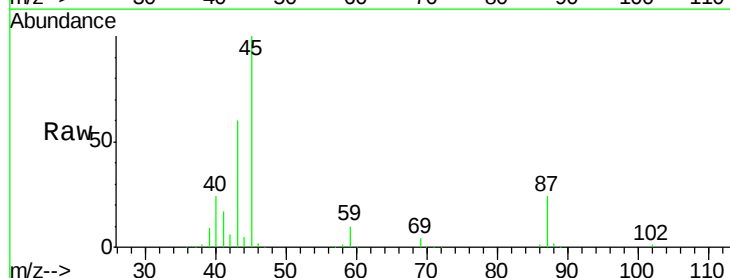
Ion Ratio Lower Upper

45 100

43 59.5 48.2 72.2

87 24.0 24.9 37.3#

59 10.0 9.5 14.3

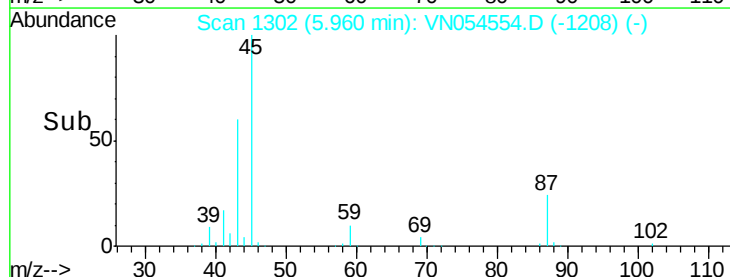
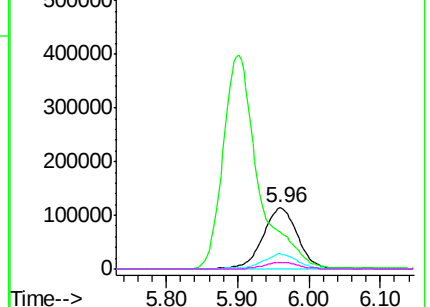


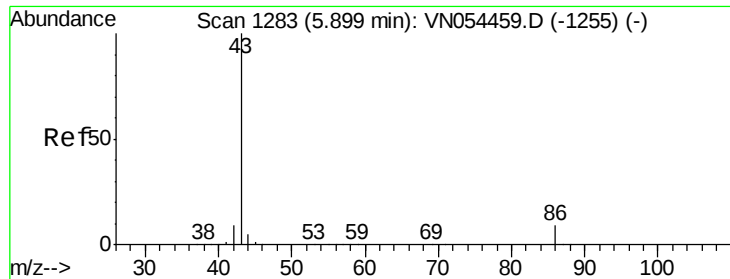
Abundance Ion 45.00 (44.70 to 45.70): VN0

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: 116.501 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

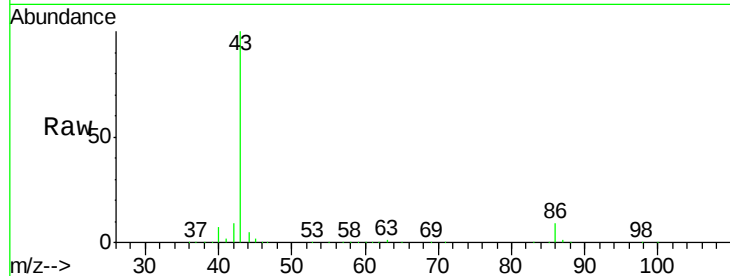
VN0322MBS01

Tot Ion: 43 Resp: 1360798

Ion Ratio Lower Upper

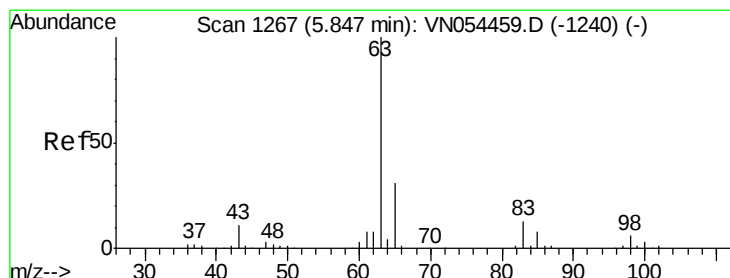
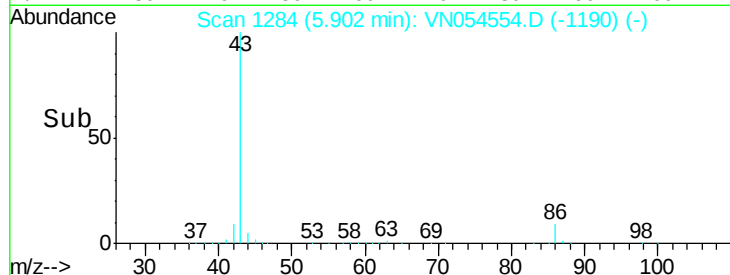
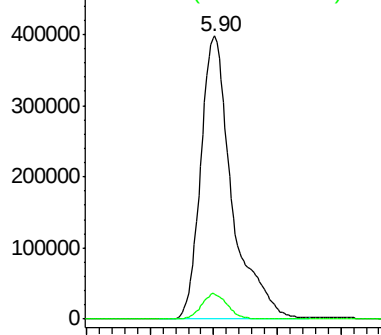
43 100

86 9.0 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 22.721 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

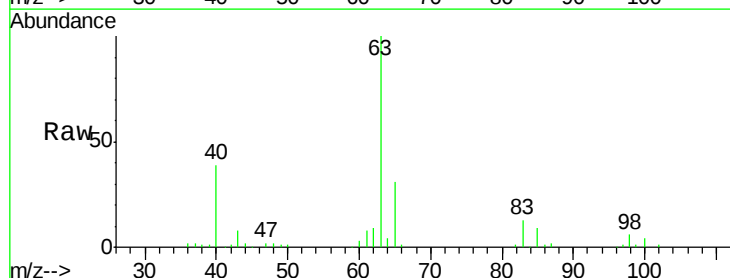
Tgt Ion: 63 Resp: 202325

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.5

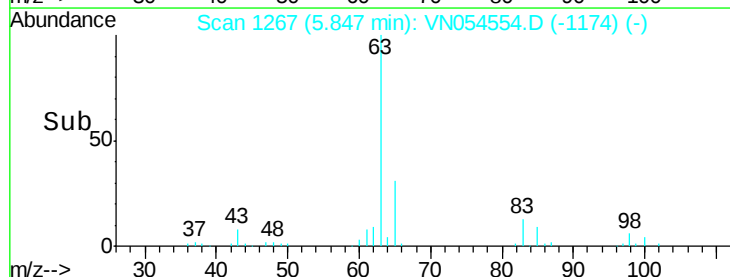
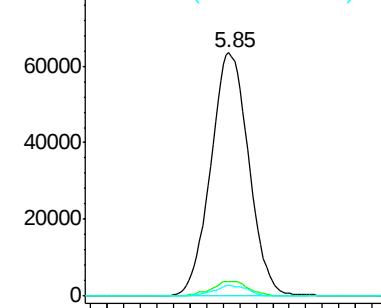
100 4.4 2.0 6.0

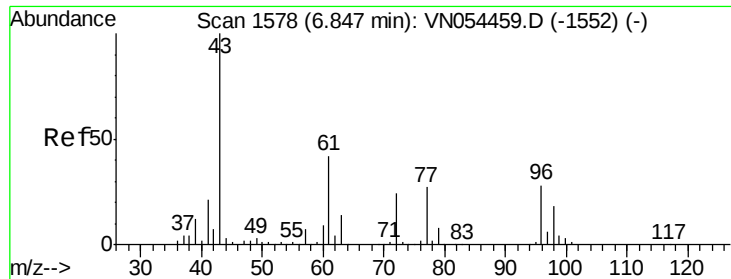


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 119.660 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampled :

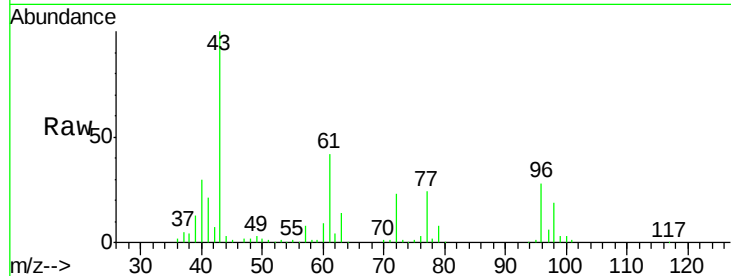
VN0322MBS01

Tot Ion: 43 Resp: 264619

Ion Ratio Lower Upper

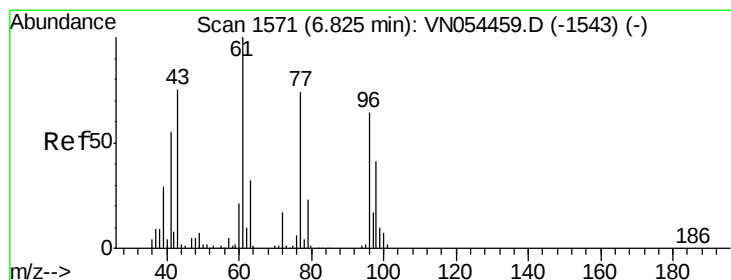
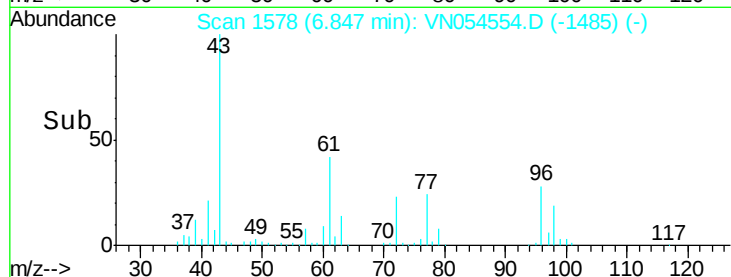
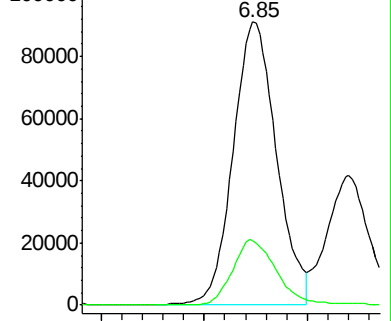
43 100

72 22.9 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 19.987 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN054554.D

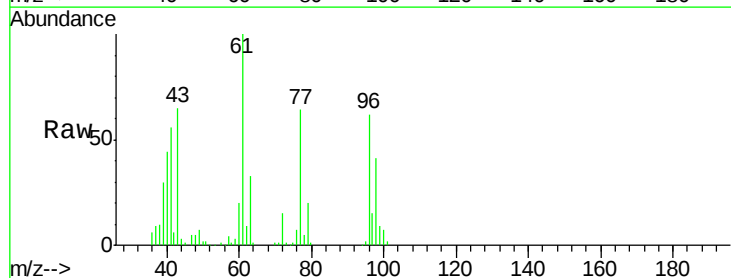
Acq: 22 Mar 2019 13:30

Tgt Ion: 77 Resp: 126872

Ion Ratio Lower Upper

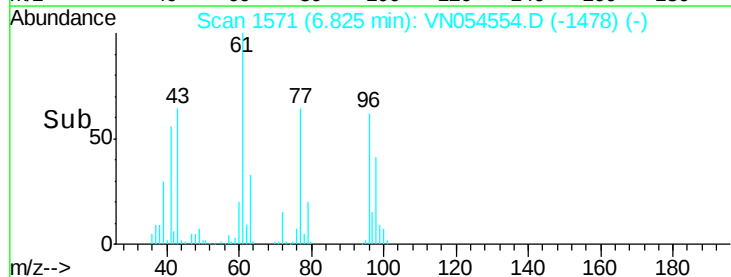
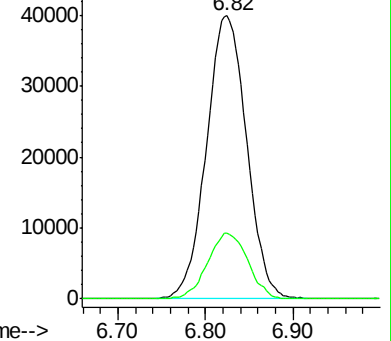
77 100

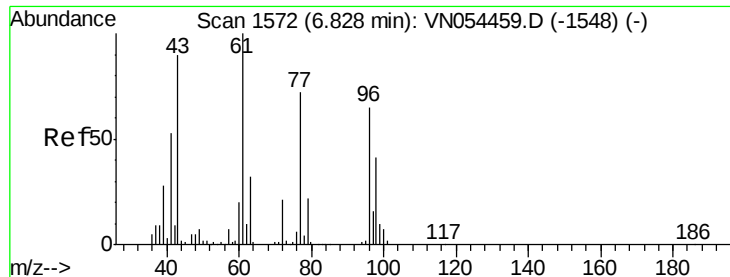
97 23.3 11.9 35.9



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: 20.869 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0322MBS01

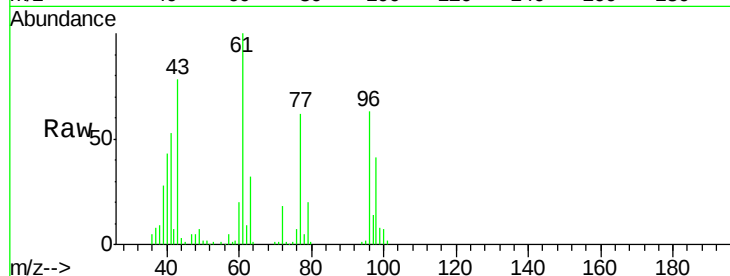
Tot Ion: 96 Resp: 113175

Ion Ratio Lower Upper

96 100

61 160.9 0.0 273.0

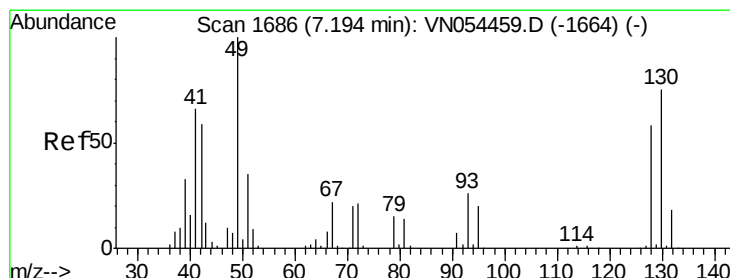
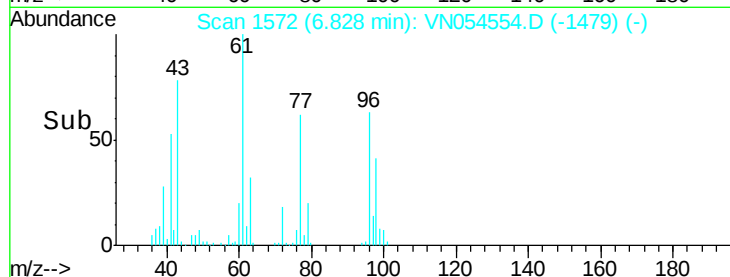
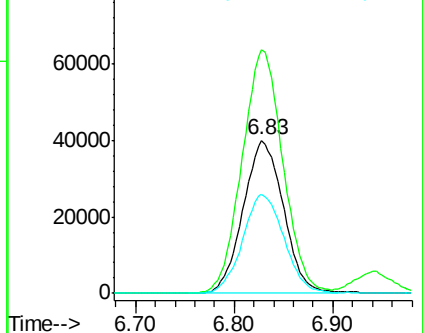
98 66.6 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 22.566 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

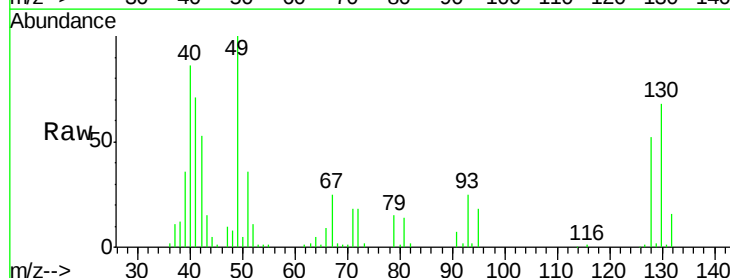
Tgt Ion: 49 Resp: 98912

Ion Ratio Lower Upper

49 100

129 0.7 0.0 4.6

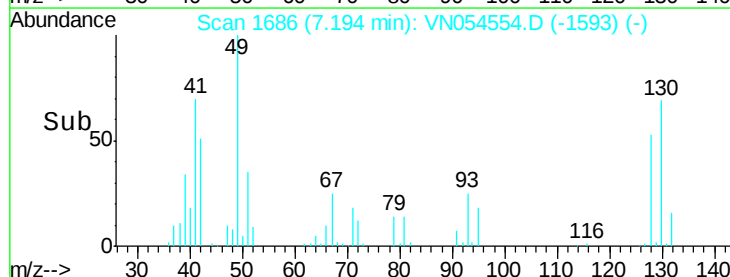
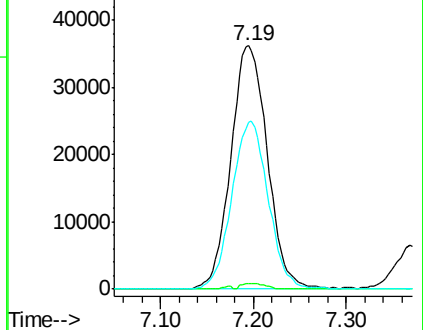
130 68.5 76.7 115.1#

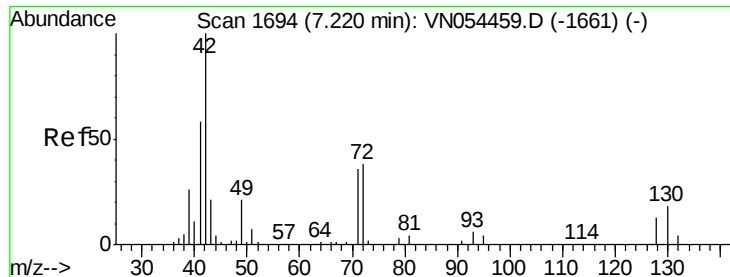


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

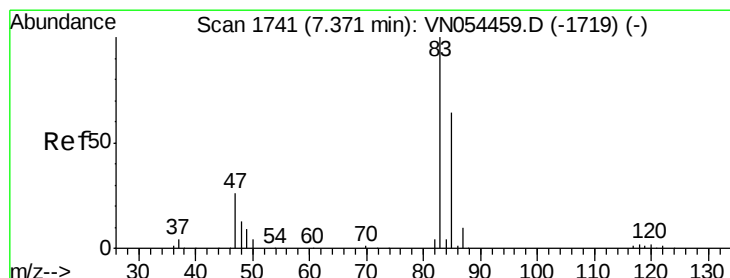
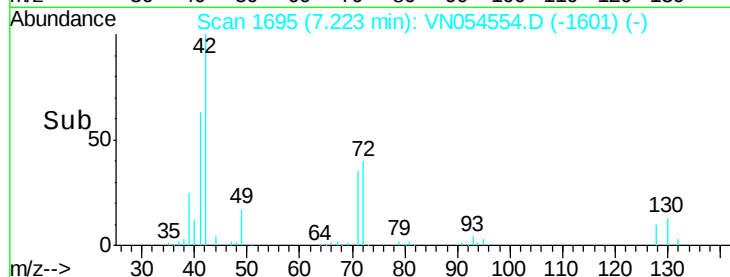
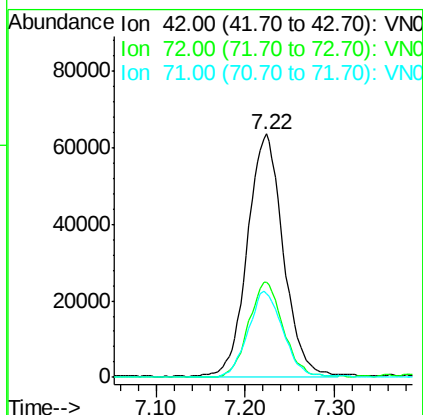
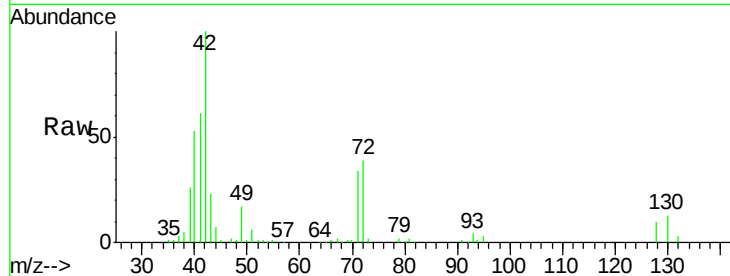




#29  
Tetrahydrofuran  
Concen: 123.223 ug/l  
RT: 7.22 min Scan# 1695  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

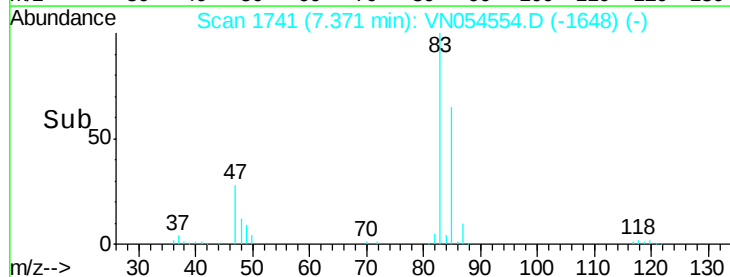
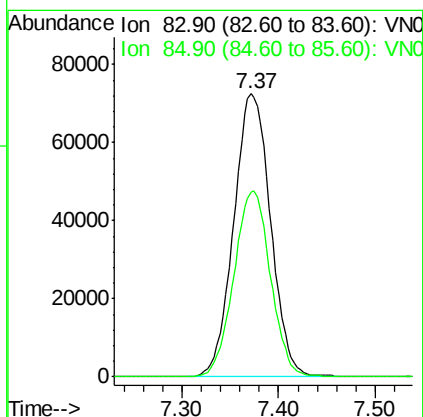
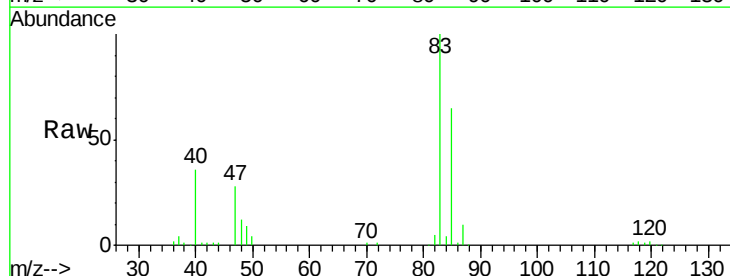
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0322MBS01

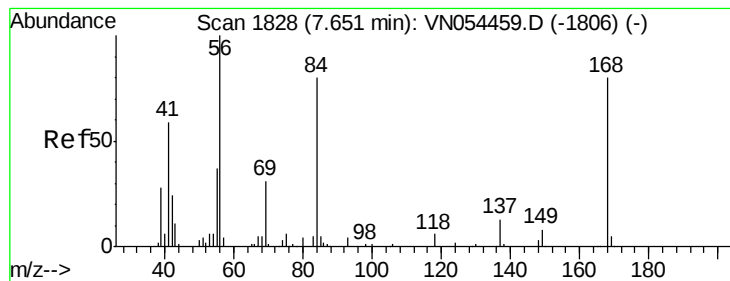
Tot Ion: 42 Resp: 176833  
Ion Ratio Lower Upper  
42 100  
72 38.0 37.8 56.6  
71 34.7 36.2 54.2#



#30  
Chloroform  
Concen: 22.091 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

Tgt Ion: 83 Resp: 191973  
Ion Ratio Lower Upper  
83 100  
85 65.5 52.2 78.4





#31

Cyclohexane

Concen: 21.892 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0322MBS01

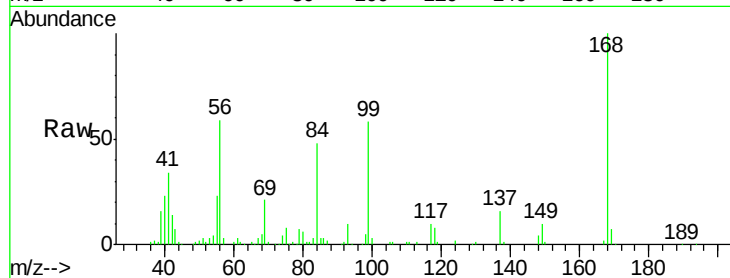
Tot Ion: 56 Resp: 195704

Ion Ratio Lower Upper

56 100

69 34.7 27.8 41.6

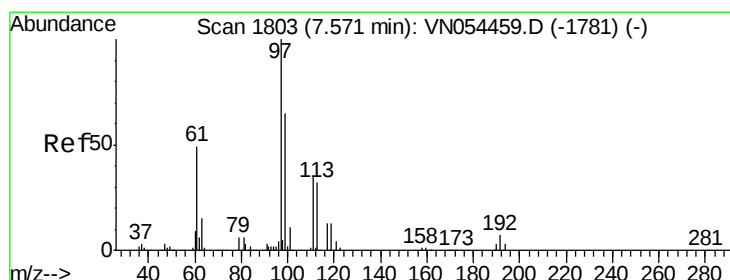
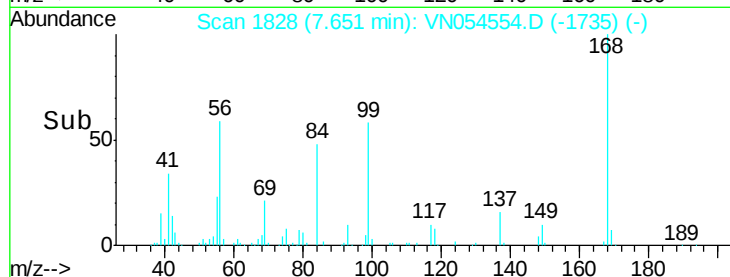
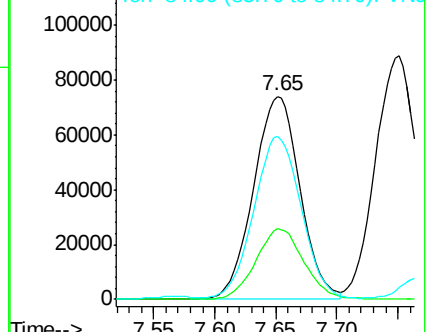
84 79.1 74.6 111.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 21.547 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

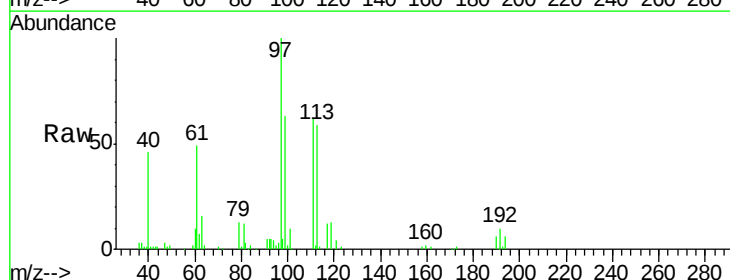
Tgt Ion: 97 Resp: 154481

Ion Ratio Lower Upper

97 100

99 63.4 51.5 77.3

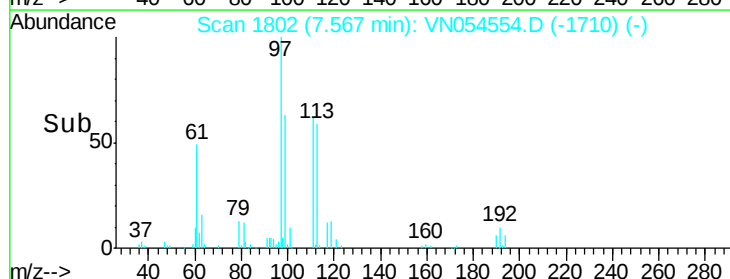
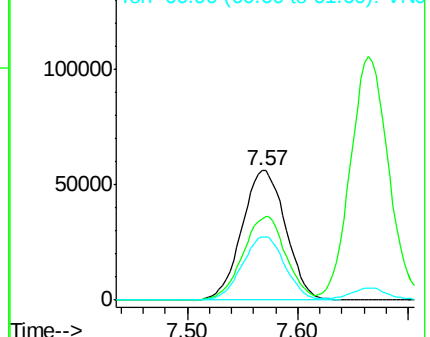
61 47.9 33.6 50.4

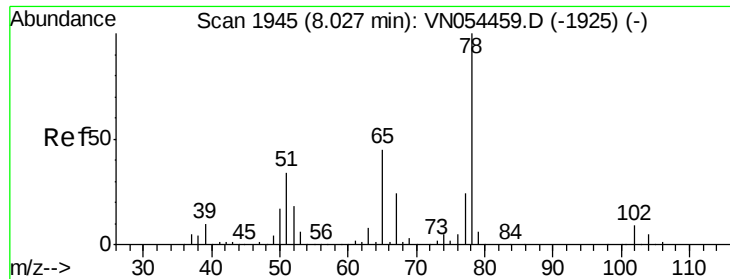


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

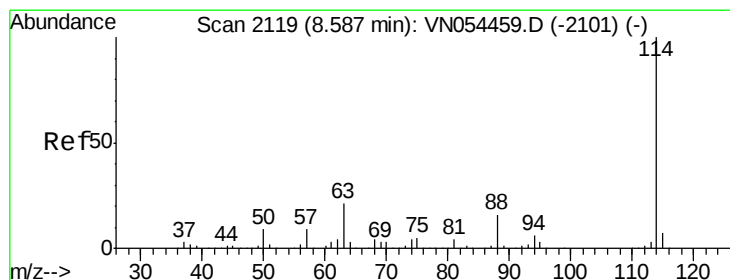
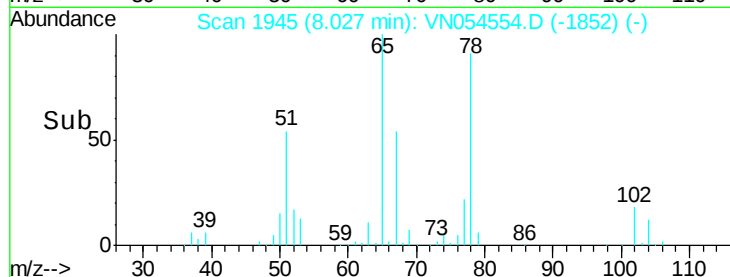
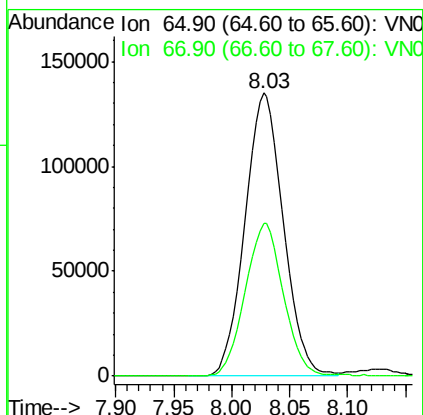
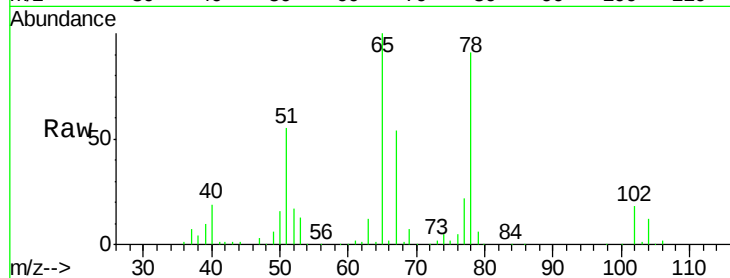




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.237 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN054554.D  
 Acq: 22 Mar 2019 13:30

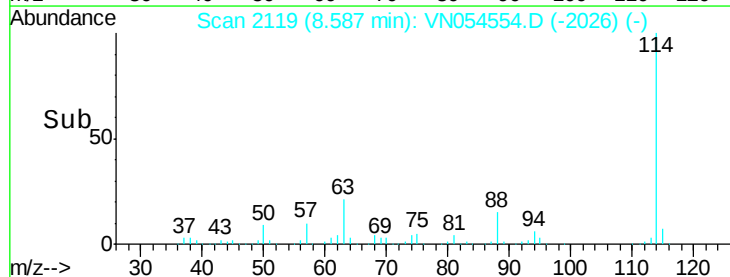
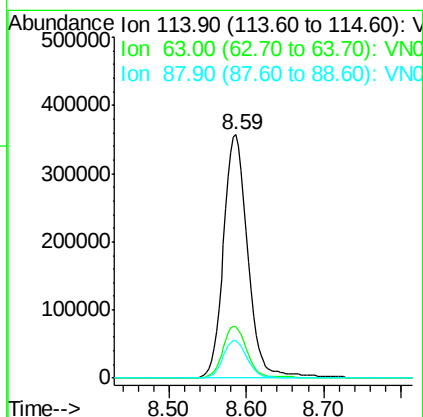
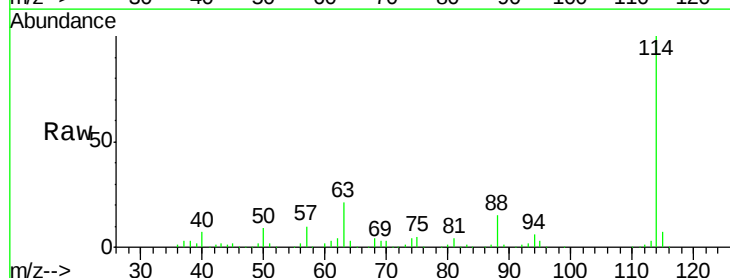
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0322MBS01

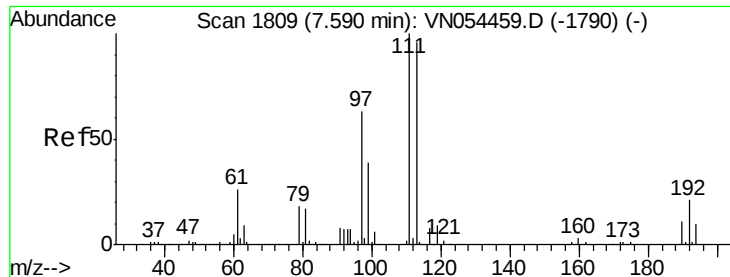
Tot Ion: 65 Resp: 311426  
 Ion Ratio Lower Upper  
 65 100  
 67 54.0 0.0 104.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN054554.D  
 Acq: 22 Mar 2019 13:30

Tgt Ion: 114 Resp: 780683  
 Ion Ratio Lower Upper  
 114 100  
 63 21.0 0.0 35.2  
 88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.709 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampled :

VN0322MBS01

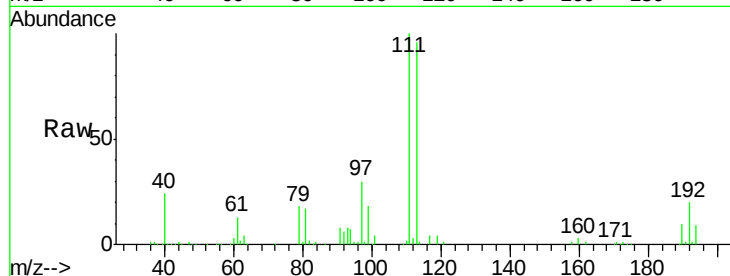
Tot Ion:113 Resp: 244986

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

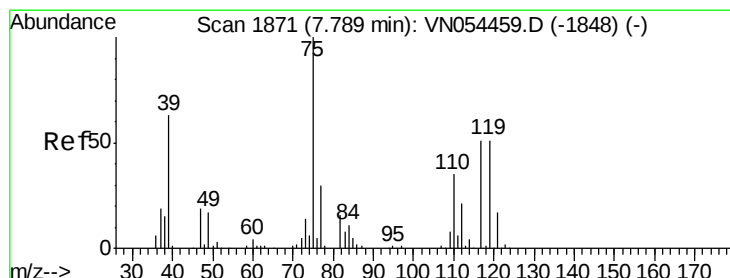
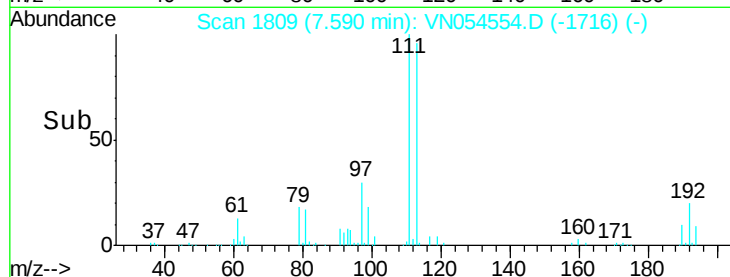
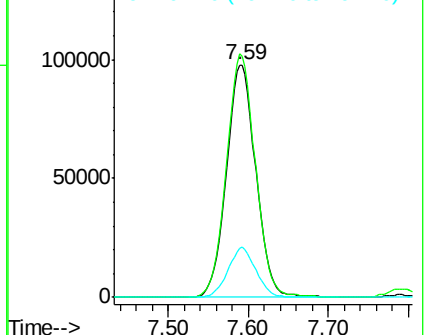
192 20.4 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.405 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

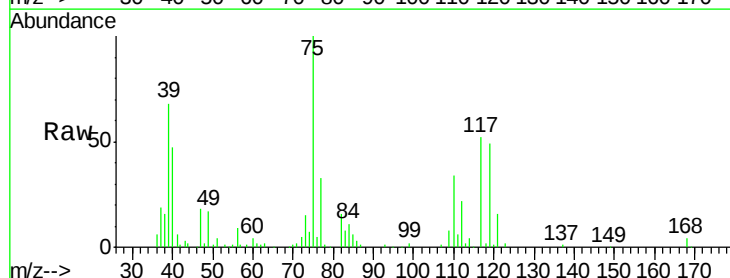
Tgt Ion: 75 Resp: 148945

Ion Ratio Lower Upper

75 100

110 33.1 19.1 57.5

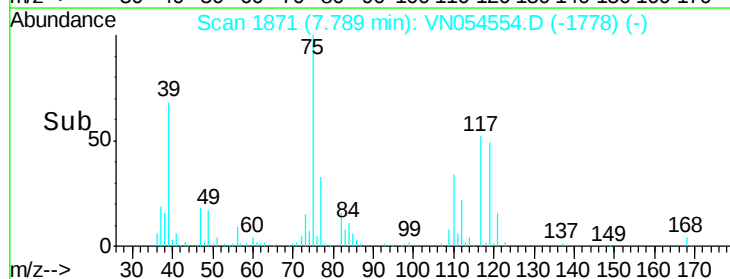
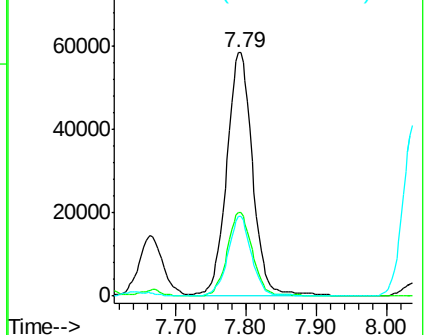
77 30.0 25.0 37.4

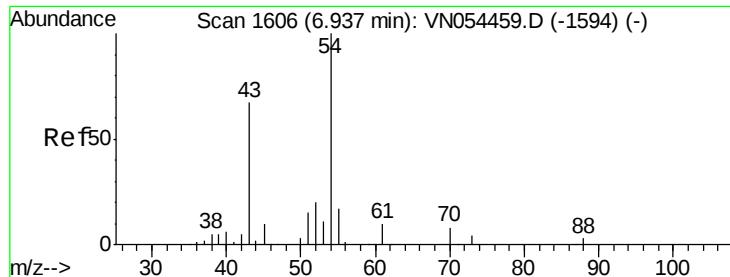


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

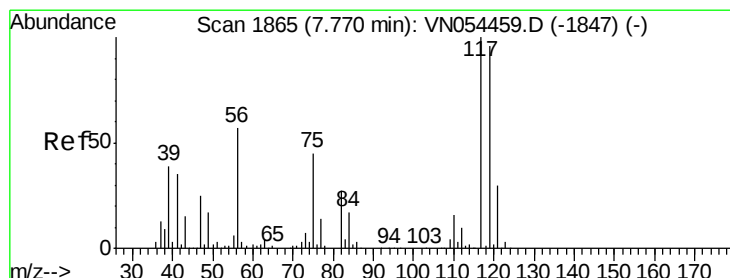
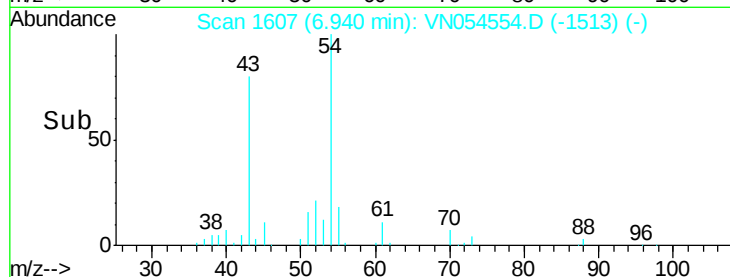
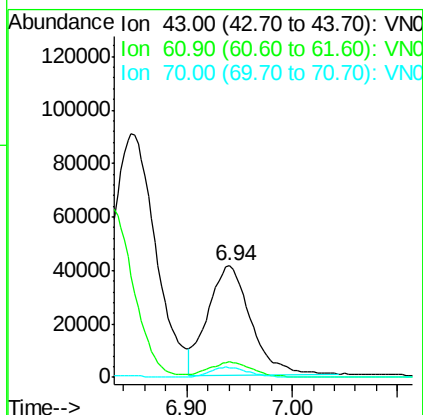
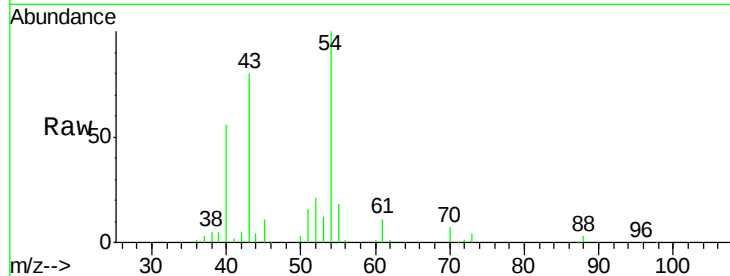




#37  
Ethyl Acetate  
Concen: 22.234 ug/l  
RT: 6.94 min Scan# 1607  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

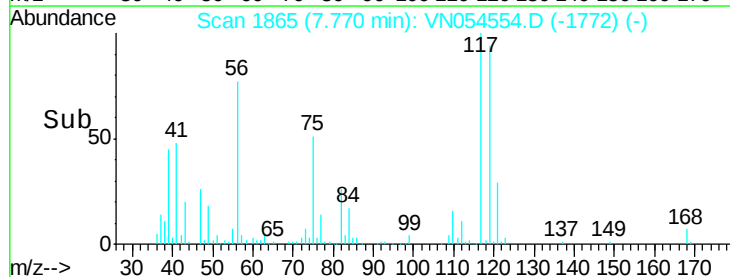
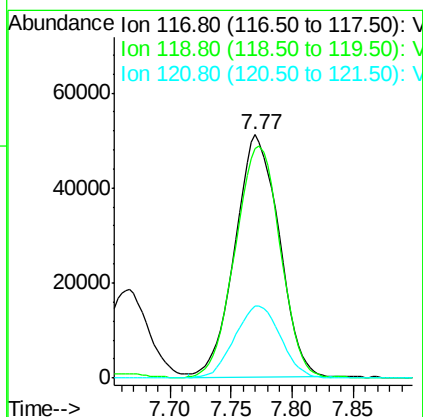
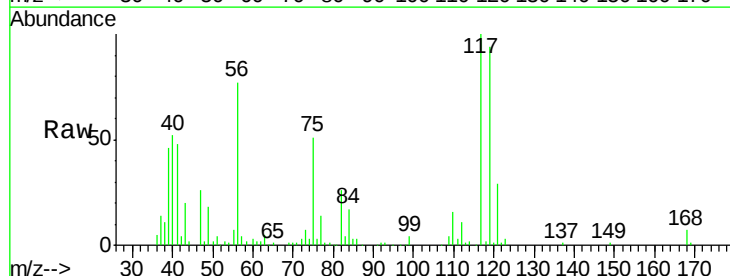
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0322MBS01

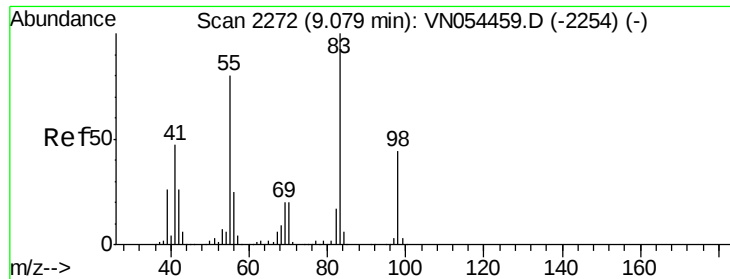
Tot Ion: 43 Resp: 115432  
Ion Ratio Lower Upper  
43 100  
61 13.0 11.8 17.6  
70 8.7 8.4 12.6



#38  
Carbon Tetrachloride  
Concen: 17.982 ug/l  
RT: 7.77 min Scan# 1865  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

Tgt Ion: 117 Resp: 127551  
Ion Ratio Lower Upper  
117 100  
119 94.3 76.3 114.5  
121 29.6 24.6 36.8

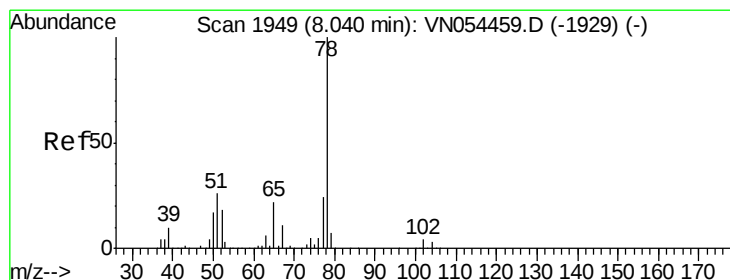
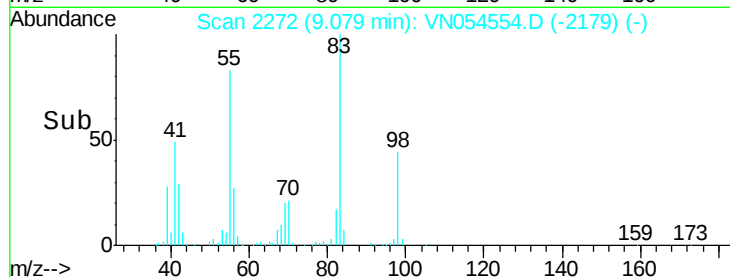
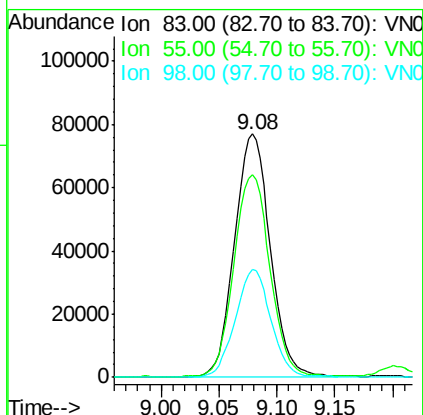
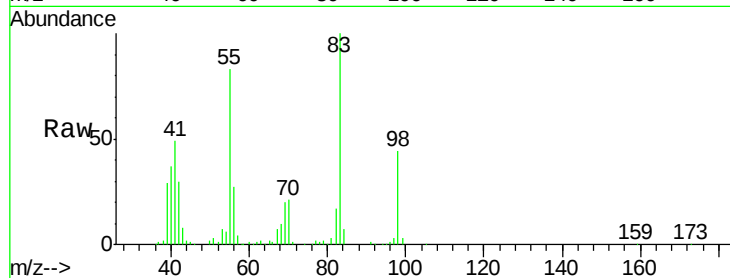




#39  
Methvlcvclohexane  
Concen: 19.799 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

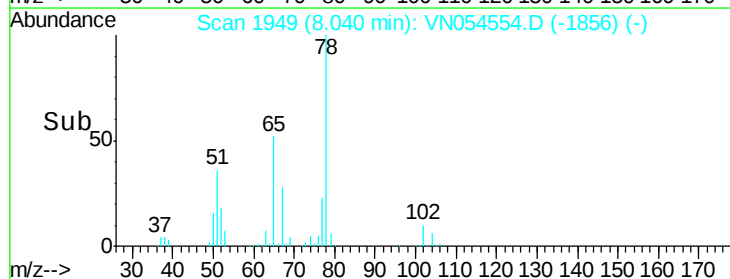
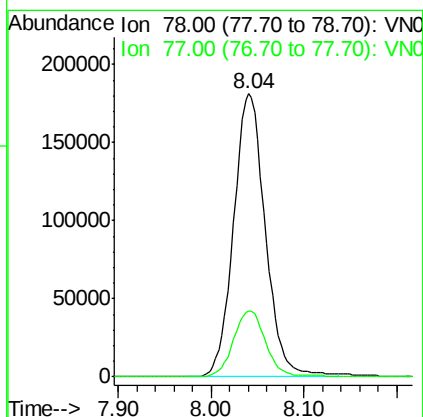
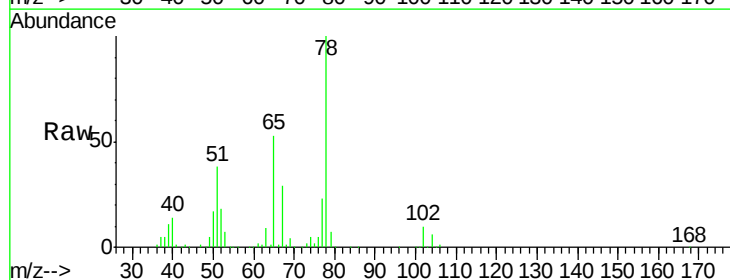
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0322MBS01

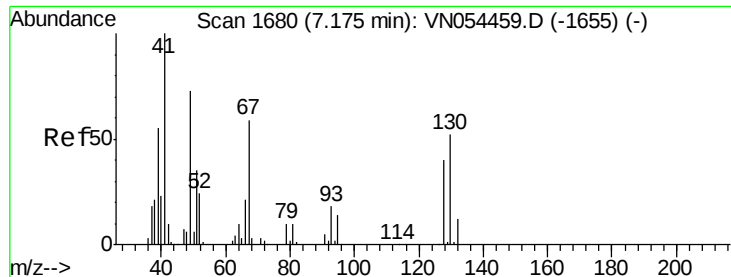
Tot Ion: 83 Resp: 165320  
Ion Ratio Lower Upper  
83 100  
55 82.5 56.6 84.8  
98 44.2 38.4 57.6



#40  
Benzene  
Concen: 20.652 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

Tgt Ion: 78 Resp: 431081  
Ion Ratio Lower Upper  
78 100  
77 23.2 19.1 28.7

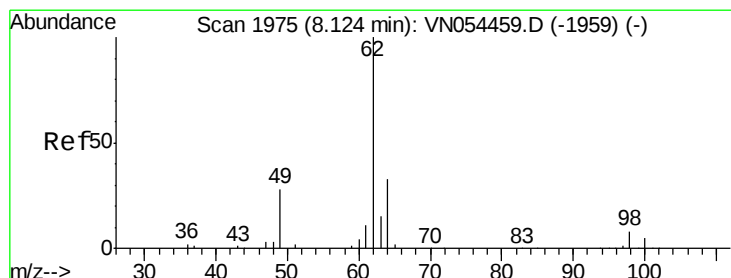
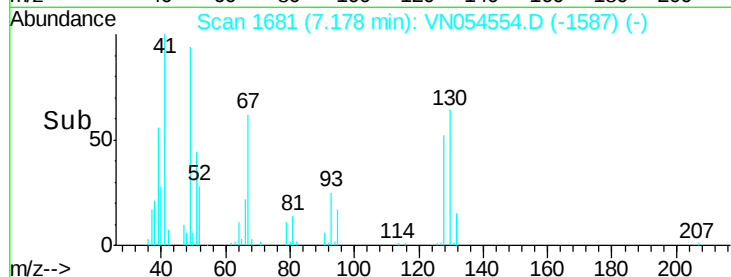
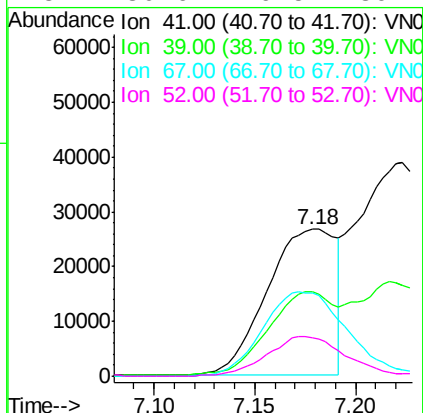
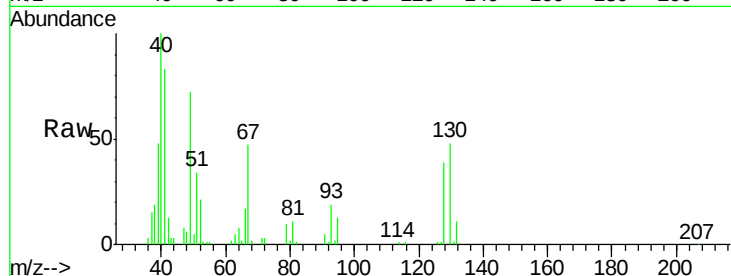




#41  
Methacrylonitrile  
Concen: 19.959 ug/l  
RT: 7.18 min Scan# 1681  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

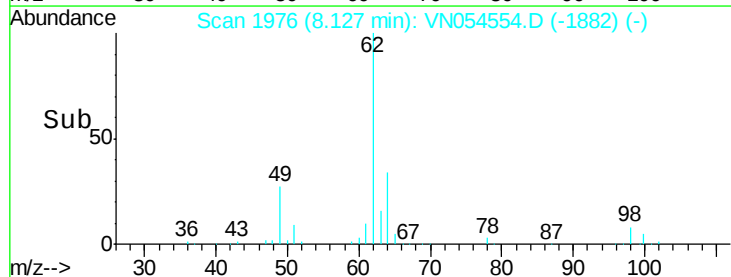
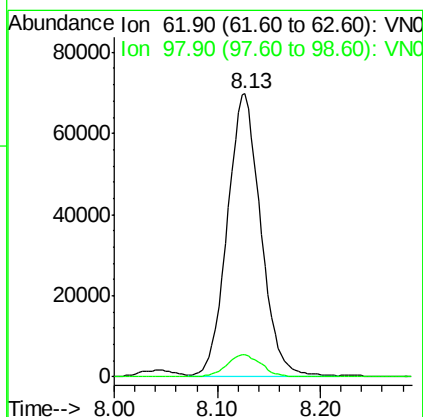
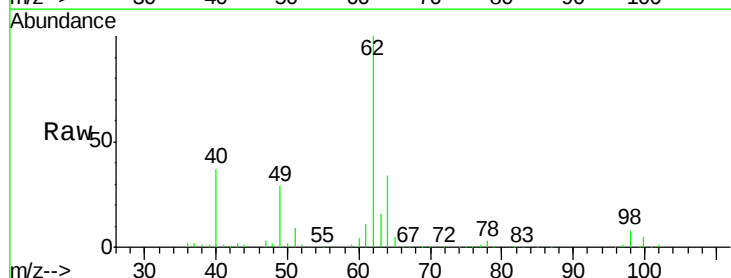
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0322MBS01

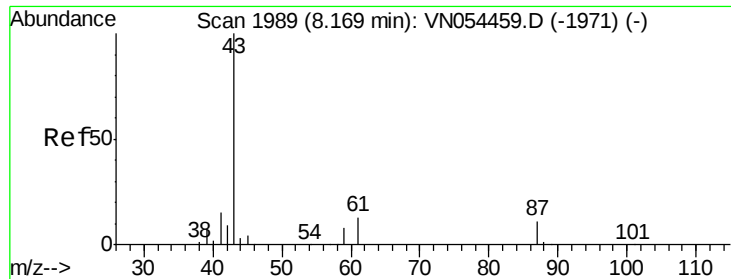
Tot Ion: 41 Resp: 63192  
Ion Ratio Lower Upper  
41 100  
39 53.0 46.8 70.2  
67 72.0 67.0 100.4  
52 30.6 26.5 39.7



#42  
1,2-Dichloroethane  
Concen: 20.626 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

Tgt Ion: 62 Resp: 156787  
Ion Ratio Lower Upper  
62 100  
98 8.2 0.0 18.4





#43

Isopropyl Acetate

Concen: 21.710 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0322MBS01

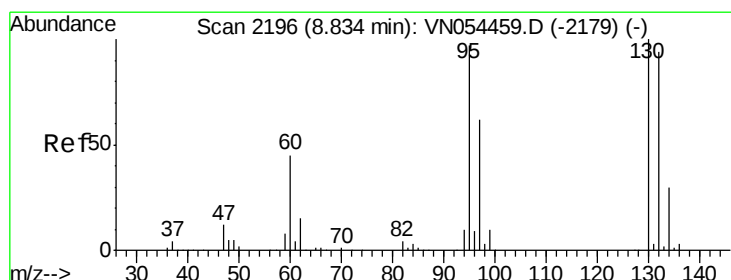
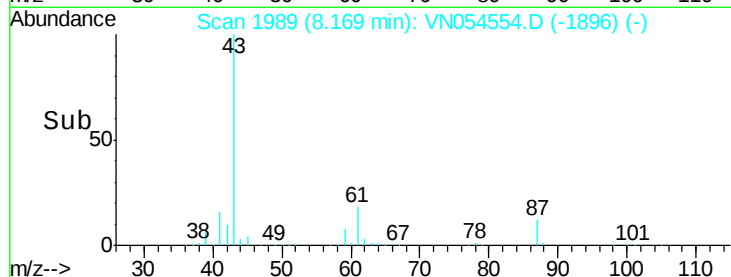
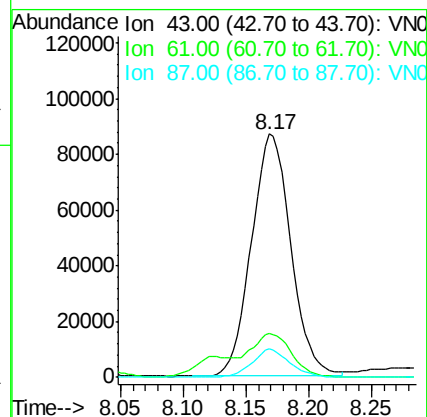
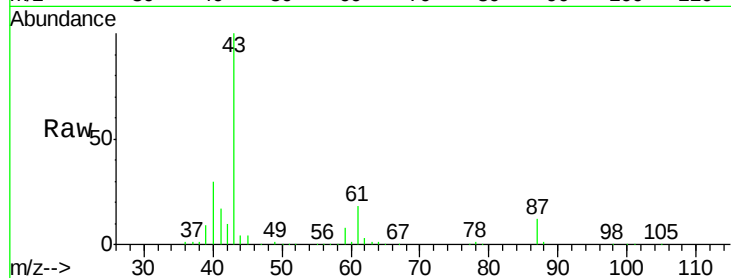
Tot Ion: 43 Resp: 190350

Ion Ratio Lower Upper

43 100

61 18.4 15.8 23.8

87 11.2 12.0 18.0#



#44

Trichloroethene

Concen: 19.400 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054554.D

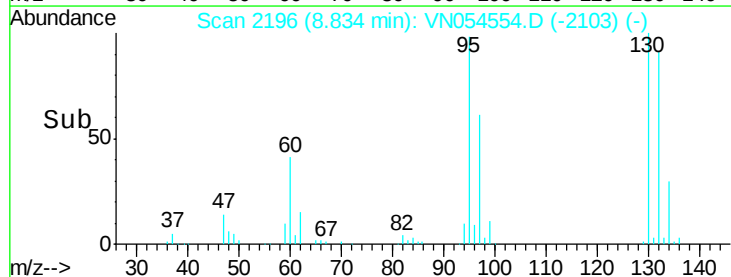
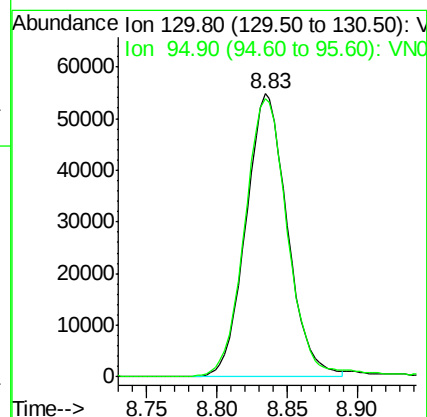
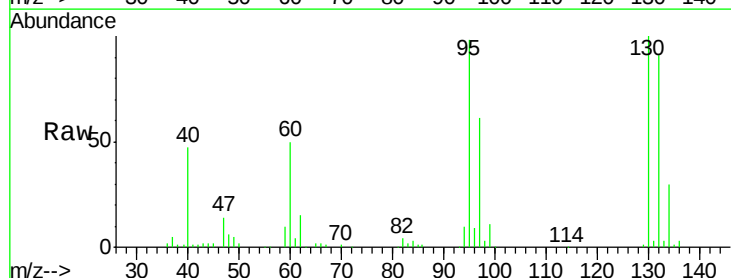
Acq: 22 Mar 2019 13:30

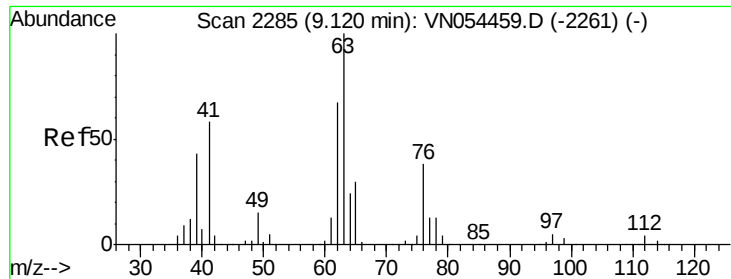
Tgt Ion:130 Resp: 112584

Ion Ratio Lower Upper

130 100

95 97.9 0.0 185.2

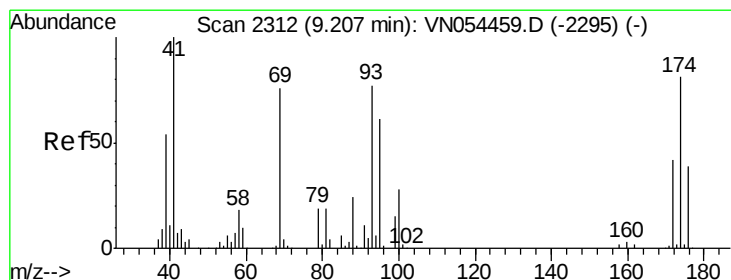
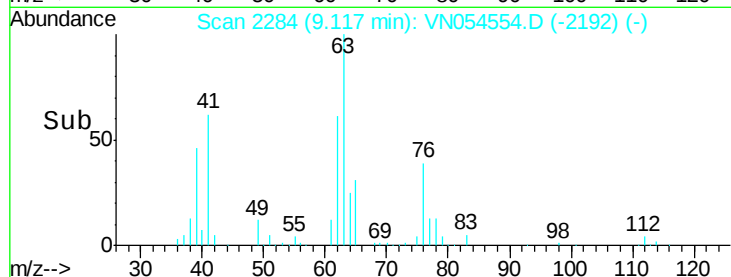
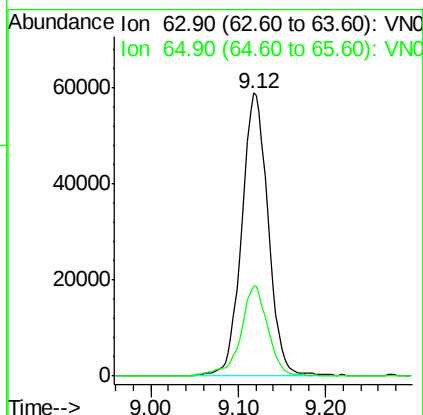
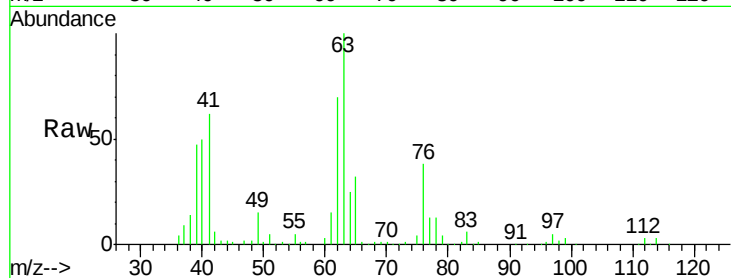




#45  
 1,2-Dichloropropane  
 Concen: 22.069 ug/l  
 RT: 9.12 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN054554.D  
 Acq: 22 Mar 2019 13:30

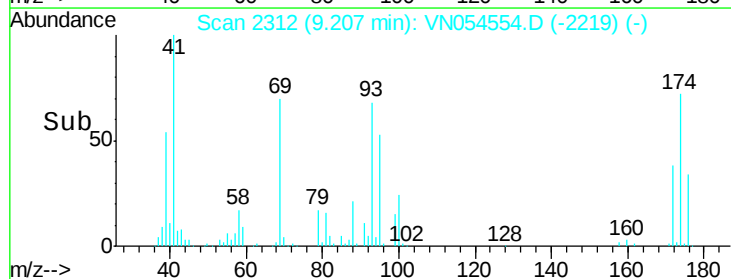
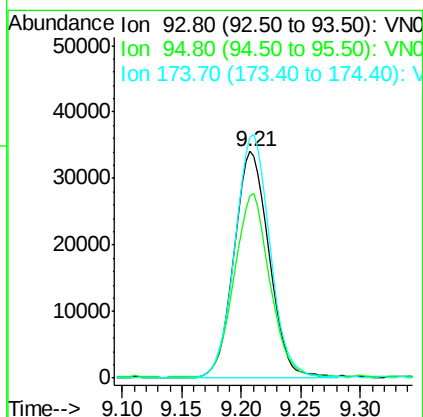
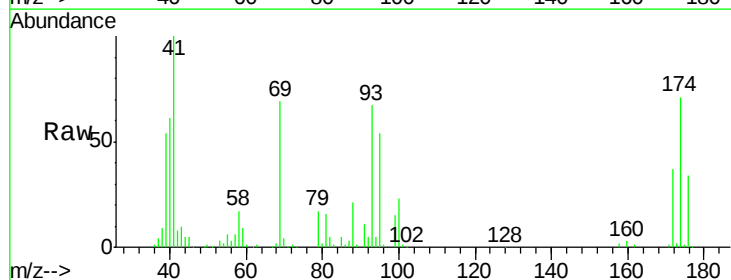
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0322MBS01

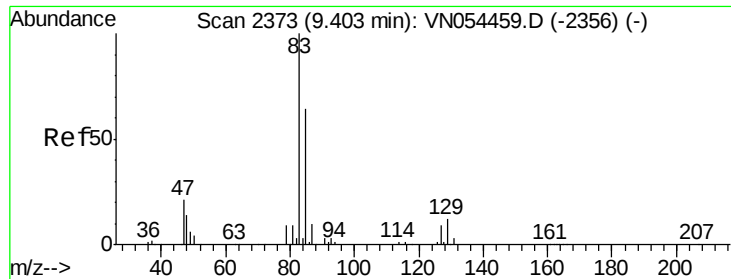
Tot Ion: 63 Resp: 123693  
 Ion Ratio Lower Upper  
 63 100  
 65 32.0 25.0 37.6



#46  
 Dibromomethane  
 Concen: 20.906 ug/l  
 RT: 9.21 min Scan# 2312  
 Delta R.T. 0.00 min  
 Lab File: VN054554.D  
 Acq: 22 Mar 2019 13:30

Tgt Ion: 93 Resp: 69903  
 Ion Ratio Lower Upper  
 93 100  
 95 81.1 66.7 100.1  
 174 107.0 98.5 147.7

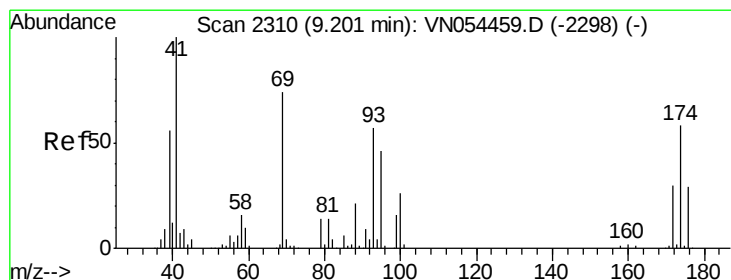
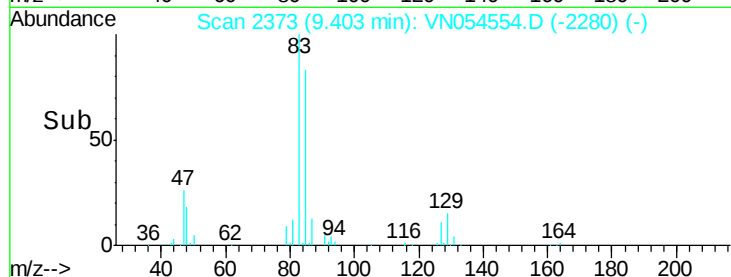
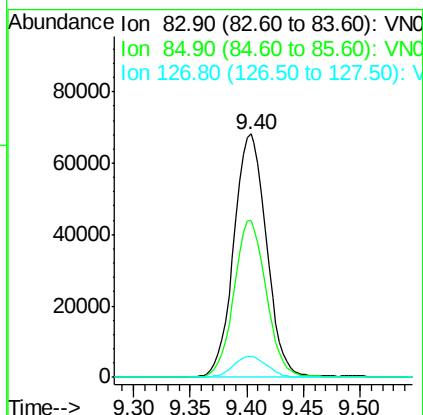
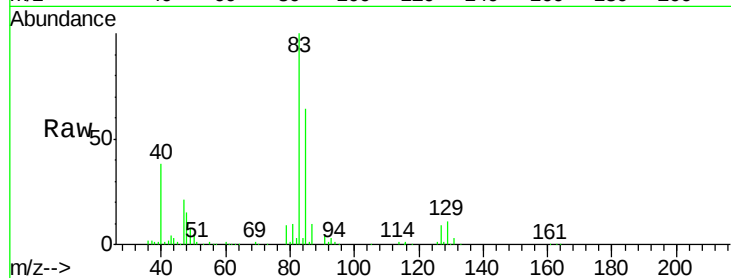




#47  
Bromodichloromethane  
Concen: 19.824 ug/l  
RT: 9.40 min Scan# 2373  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

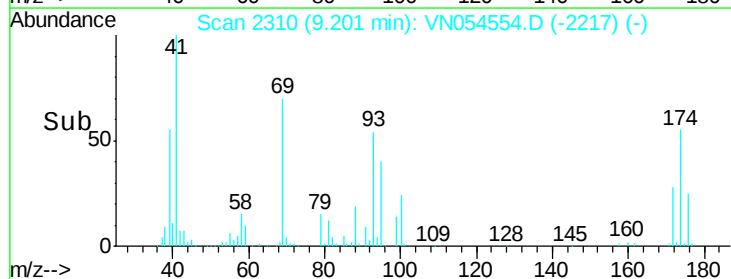
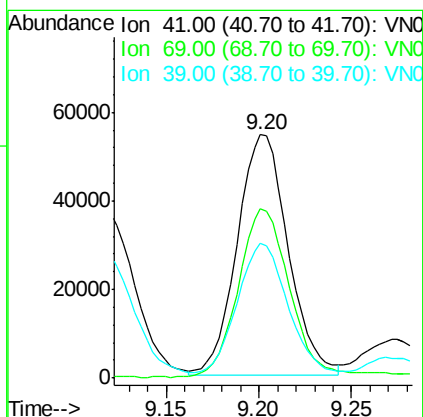
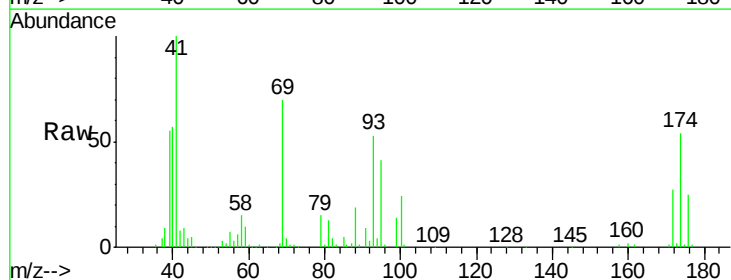
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0322MBS01

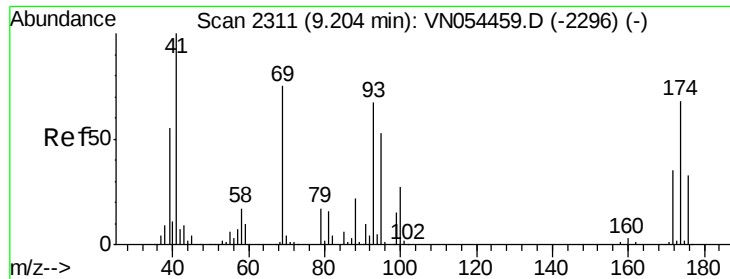
Tot Ion: 83 Resp: 137571  
Ion Ratio Lower Upper  
83 100  
85 64.1 52.8 79.2  
127 8.7 7.4 11.2



#48  
Methyl methacrylate  
Concen: 21.914 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

Tgt Ion: 41 Resp: 104285  
Ion Ratio Lower Upper  
41 100  
69 72.2 72.6 108.8#  
39 54.7 47.5 71.3





#49

1,4-Dioxane

Concen: 426.829 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampled :

VN0322MBS01

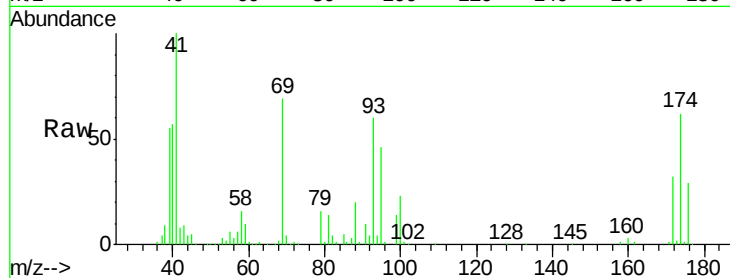
Tot Ion: 88 Resp: 22708

Ion Ratio Lower Upper

88 100

43 36.0 24.1 36.1

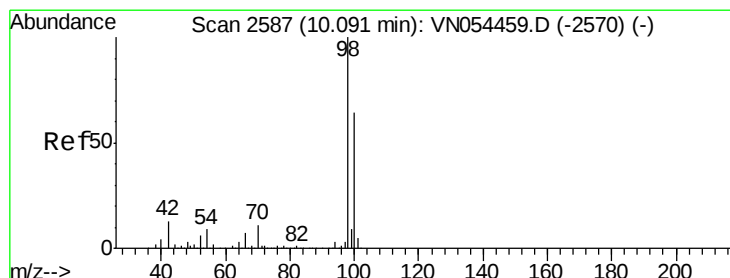
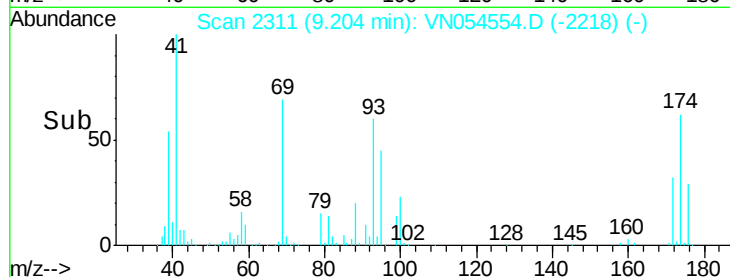
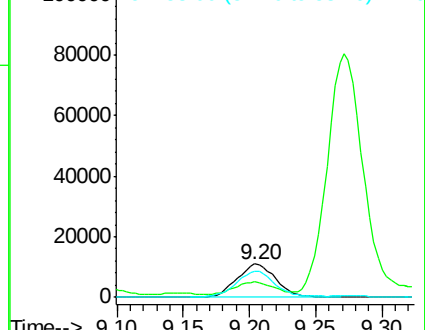
58 78.8 50.8 76.2#



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: 48.743 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054554.D

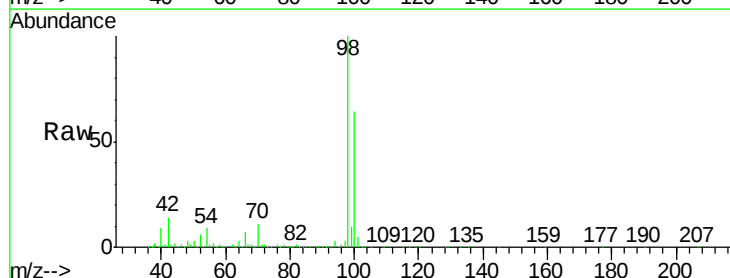
Acq: 22 Mar 2019 13:30

Tgt Ion: 98 Resp: 921638

Ion Ratio Lower Upper

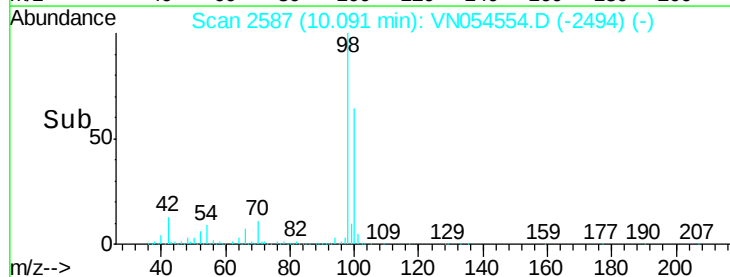
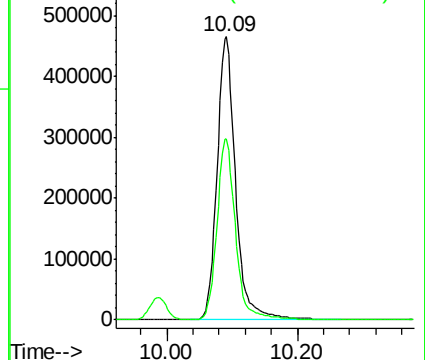
98 100

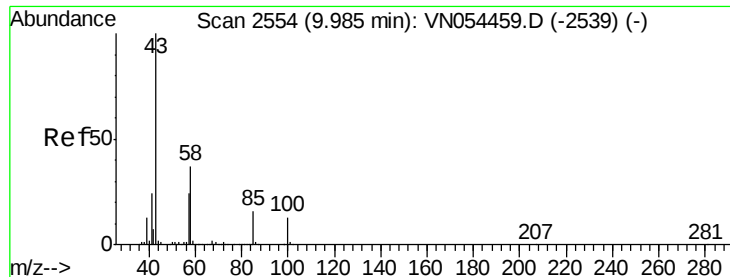
100 63.5 51.2 76.8



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: 115.665 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

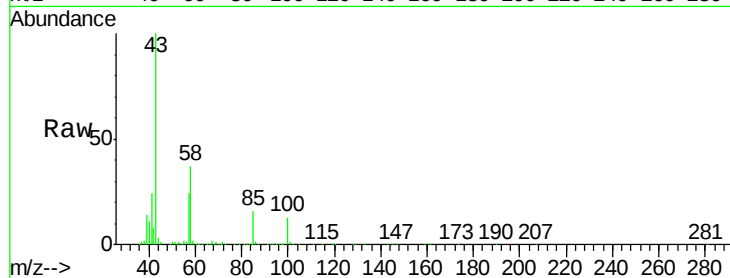
VN0322MBS01

Tot Ion: 43 Resp: 562040

Ion Ratio Lower Upper

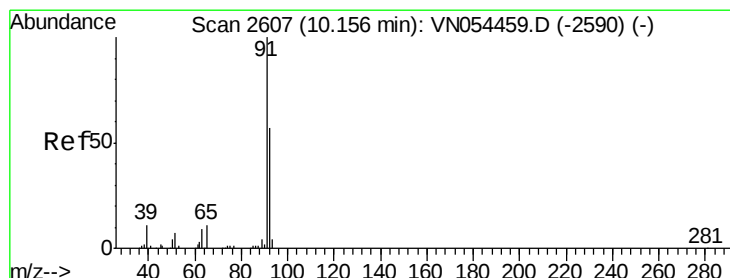
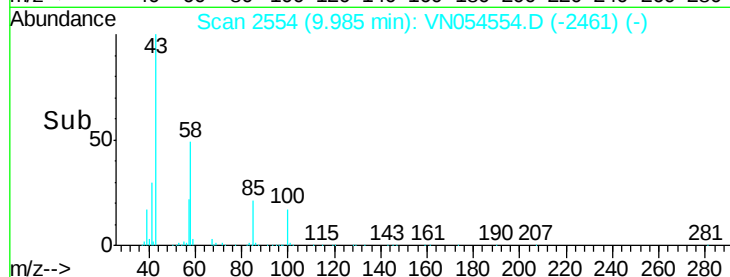
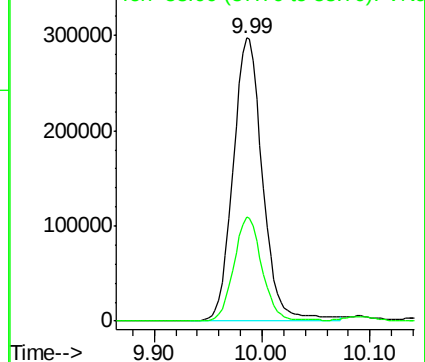
43 100

58 35.7 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.987 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054554.D

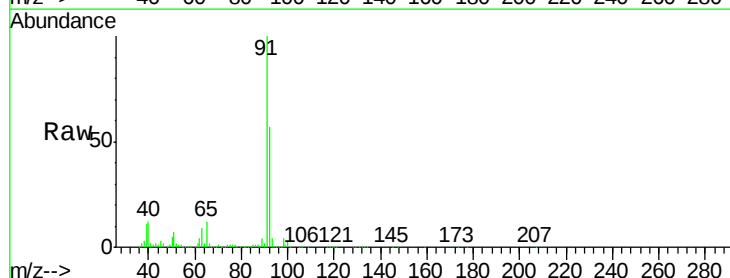
Acq: 22 Mar 2019 13:30

Tgt Ion: 92 Resp: 256587

Ion Ratio Lower Upper

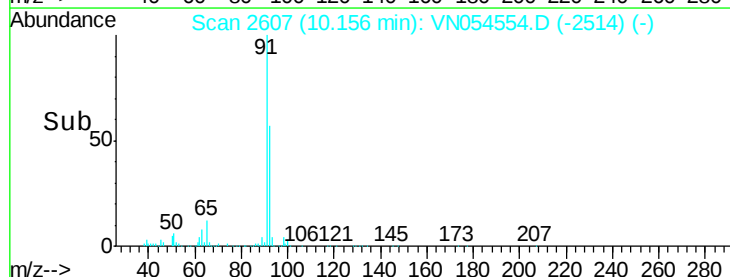
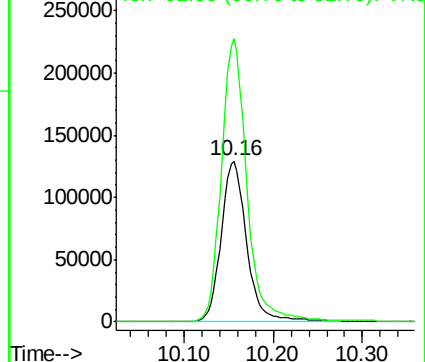
92 100

91 174.2 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.223 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

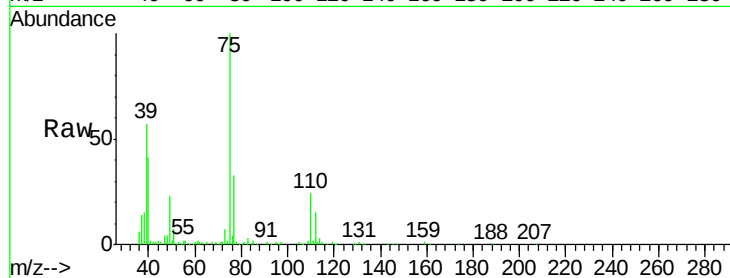
VN0322MBS01

Tot Ion: 75 Resp: 122527

Ion Ratio Lower Upper

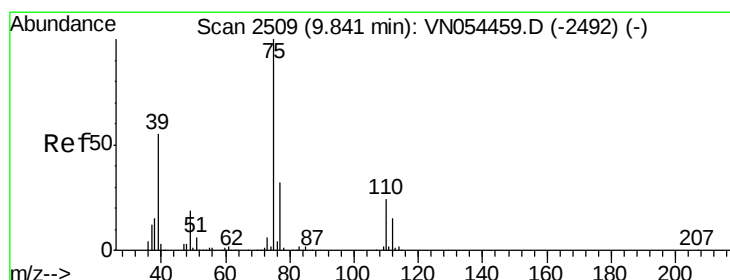
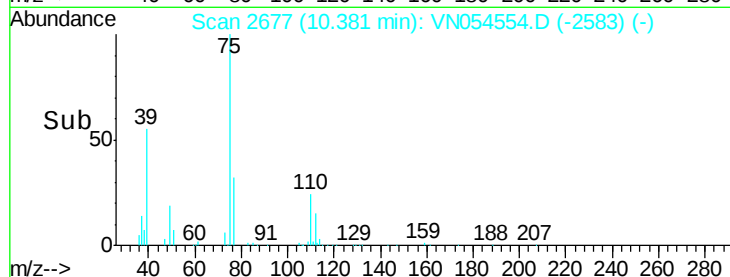
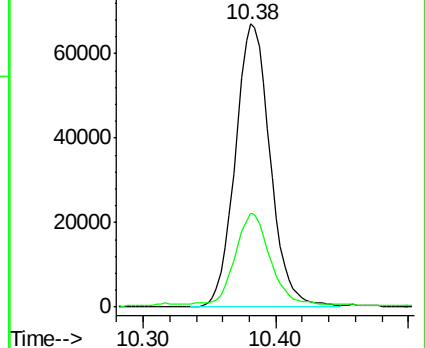
75 100

77 32.0 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.025 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

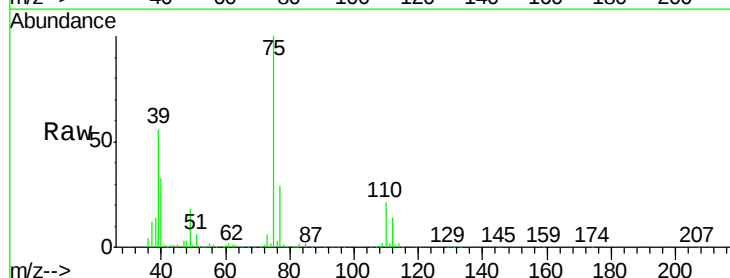
Tgt Ion: 75 Resp: 159336

Ion Ratio Lower Upper

75 100

77 29.5 25.4 38.0

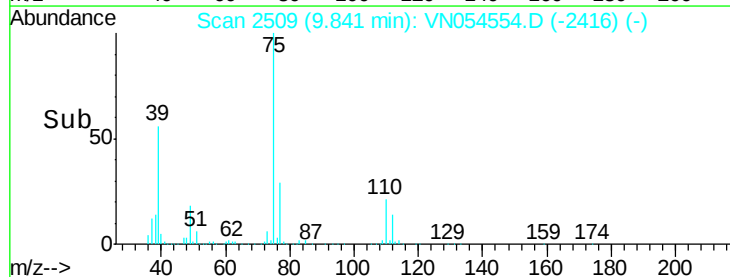
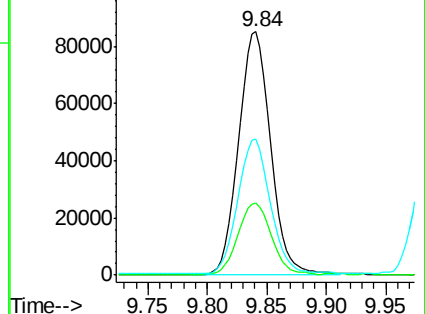
39 55.3 37.2 55.8

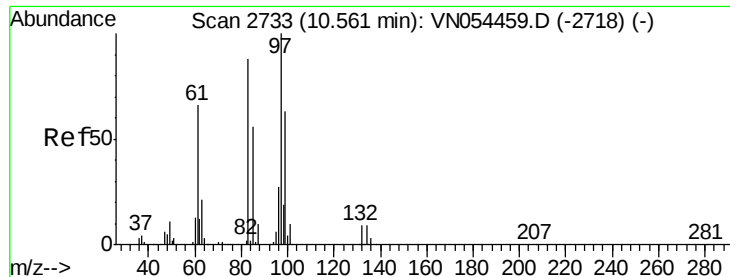


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

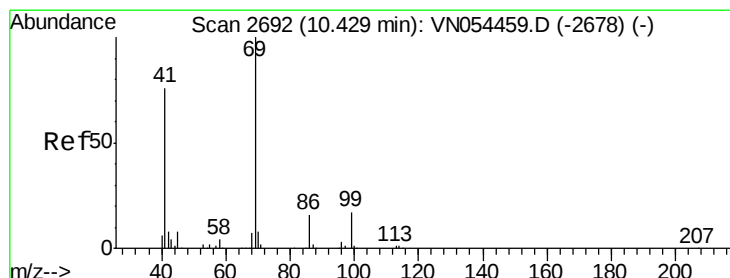
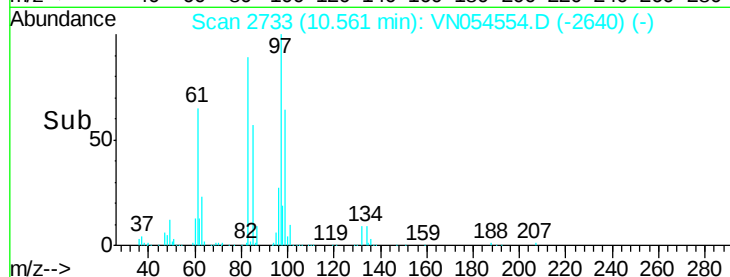
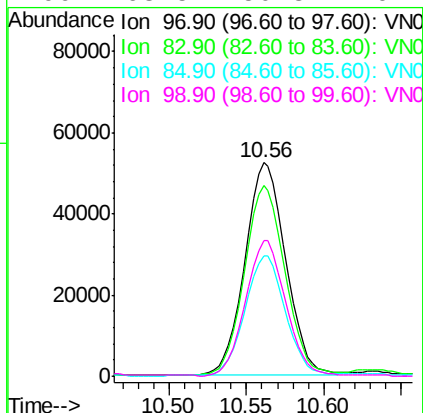
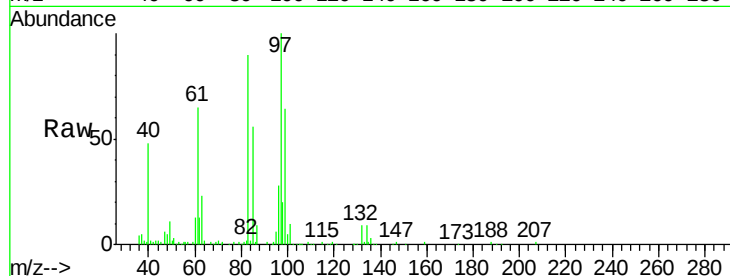




#55  
 1,1,2-Trichloroethane  
 Concen: 20.839 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN054554.D  
 Acq: 22 Mar 2019 13:30

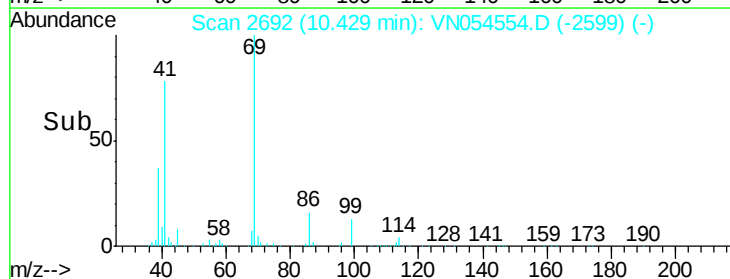
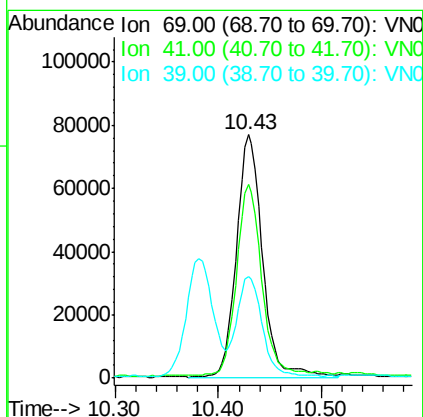
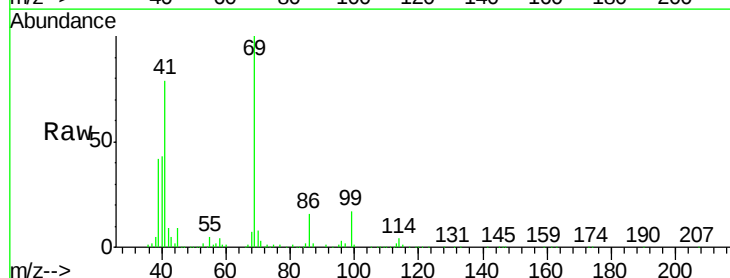
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0322MBS01

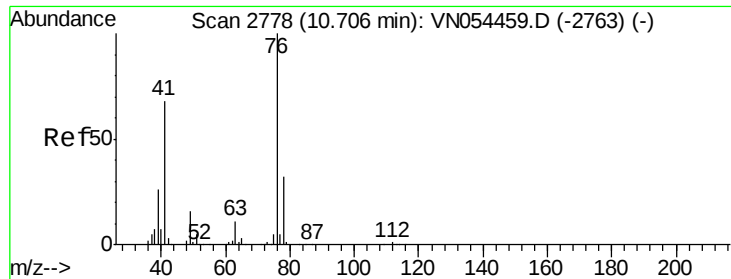
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 96166 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.6  | 66.6  | 100.0 |
| 85       | 56.0  | 44.4  | 66.6  |
| 99       | 63.5  | 50.8  | 76.2  |



#56  
 Ethyl methacrylate  
 Concen: 21.787 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. 0.00 min  
 Lab File: VN054554.D  
 Acq: 22 Mar 2019 13:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 134946 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 75.8  | 49.4  | 74.2#  |
| 39       | 39.5  | 28.3  | 42.5   |

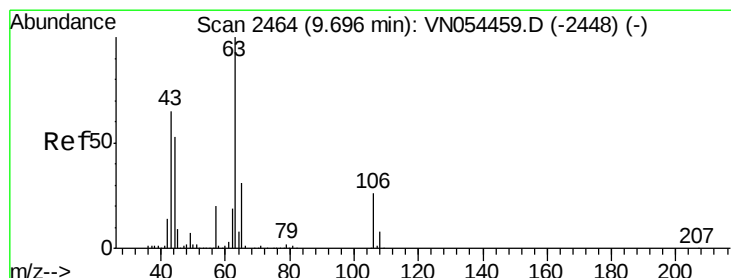
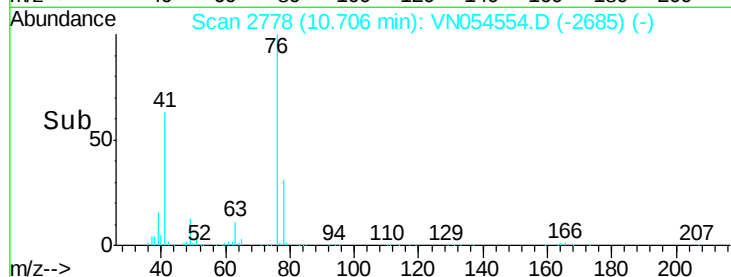
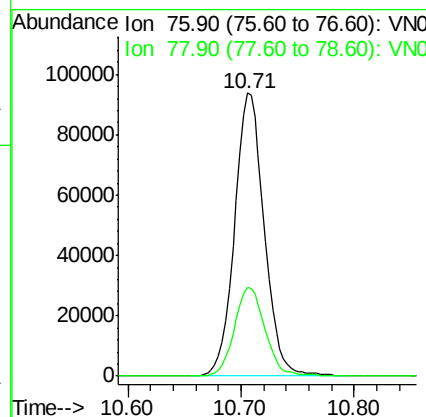
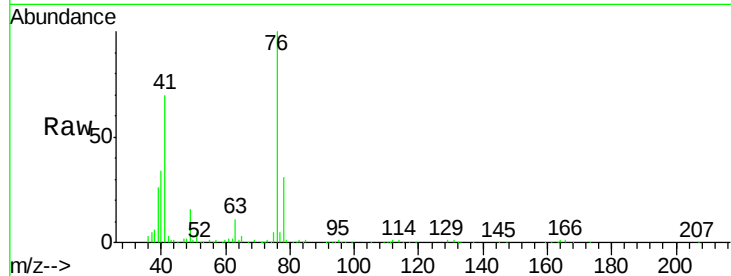




#57  
 1,3-Dichloropropane  
 Concen: 21.303 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. 0.00 min  
 Lab File: VN054554.D  
 Acq: 22 Mar 2019 13:30

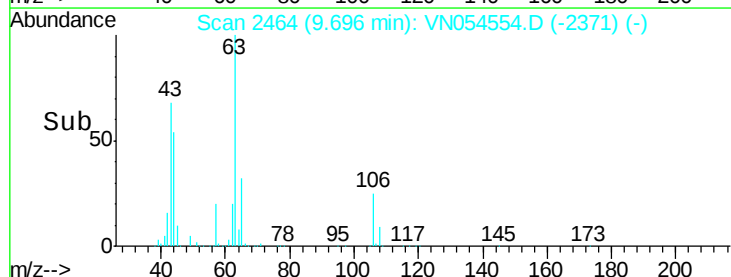
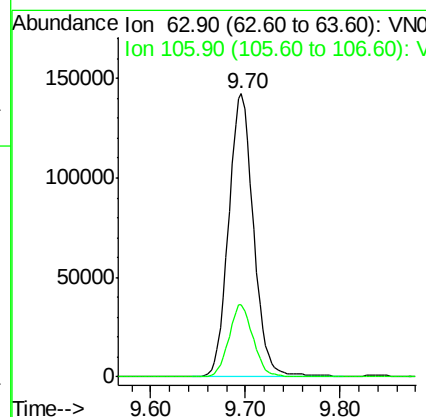
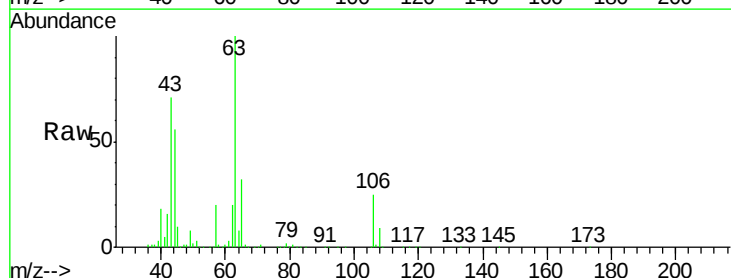
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0322MBS01

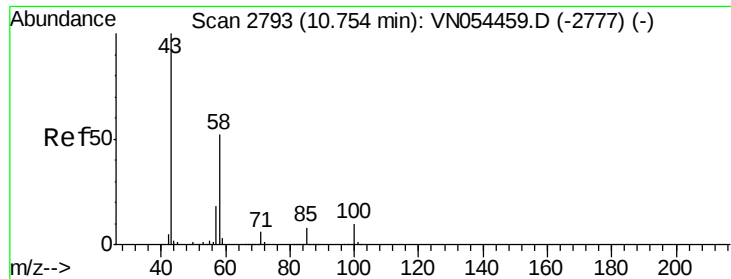
Tot Ion: 76 Resp: 170895  
 Ion Ratio Lower Upper  
 76 100  
 78 32.7 25.7 38.5



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 102.403 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN054554.D  
 Acq: 22 Mar 2019 13:30

Tgt Ion: 63 Resp: 261183  
 Ion Ratio Lower Upper  
 63 100  
 106 25.0 24.4 36.6

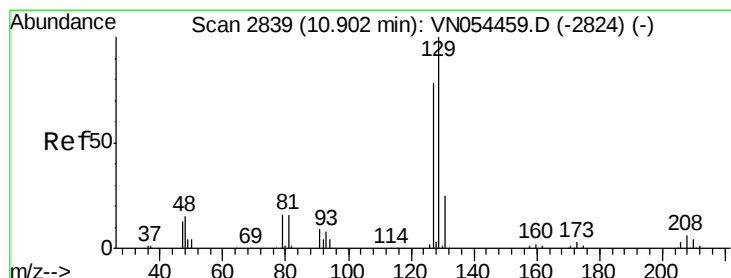
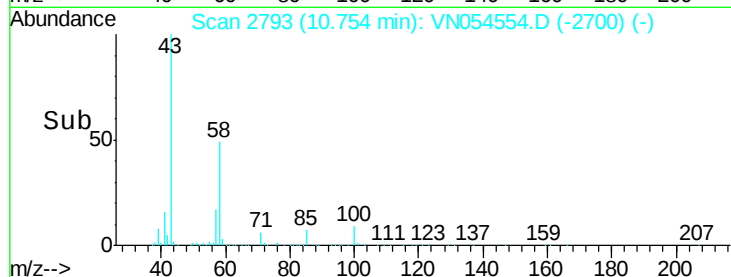
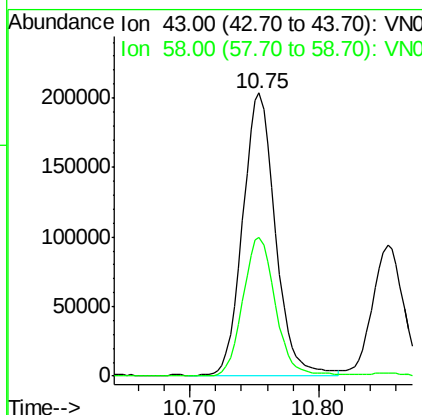
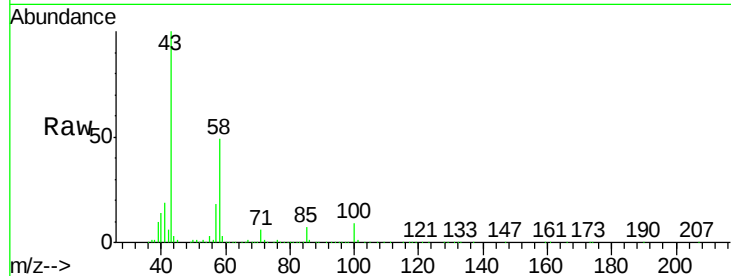




#59  
2-Hexanone  
Concen: 112.233 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

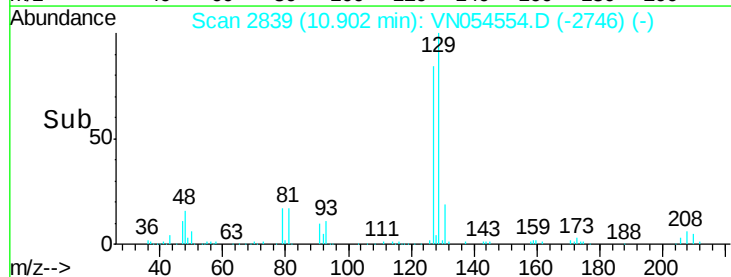
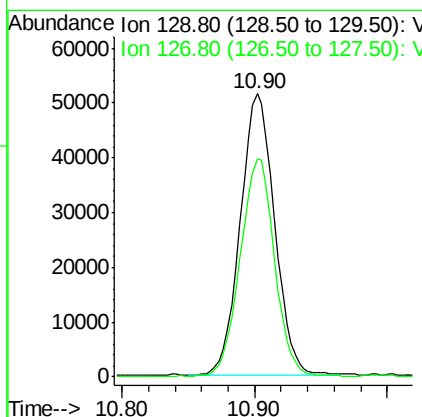
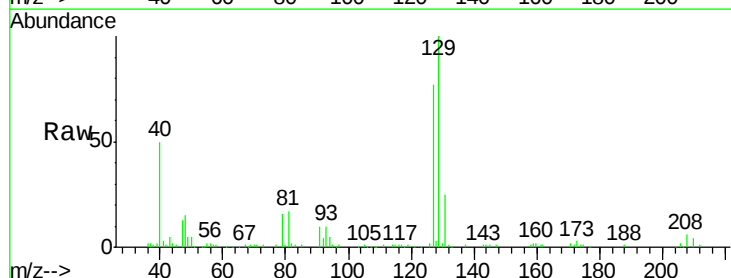
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0322MBS01

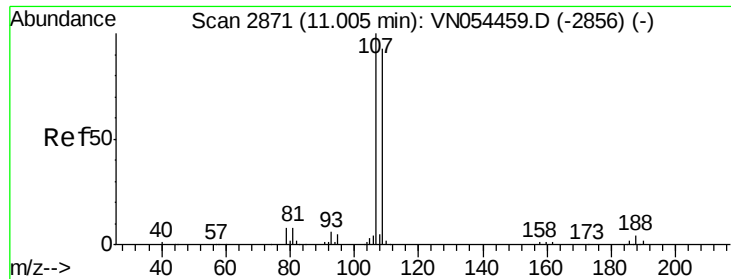
Tot Ion: 43 Resp: 356225  
Ion Ratio Lower Upper  
43 100  
58 49.5 28.0 83.9



#60  
Dibromochloromethane  
Concen: 18.730 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

Tgt Ion: 129 Resp: 91975  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.6 115.8

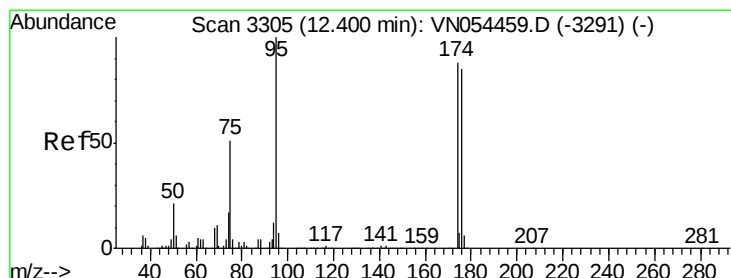
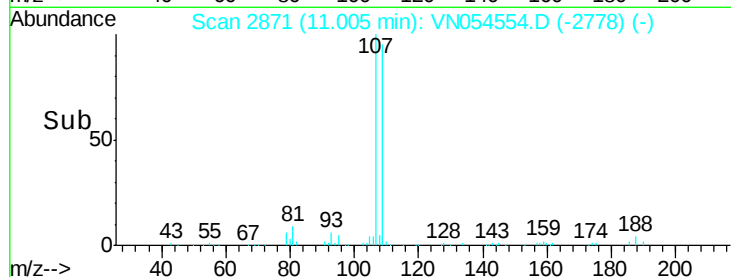
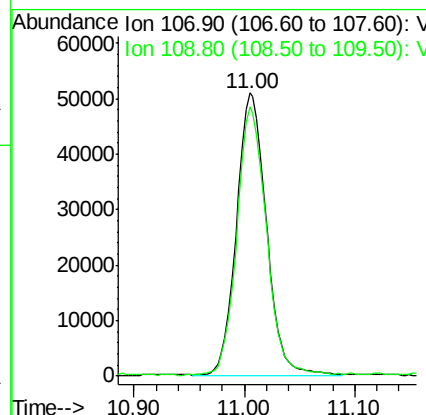
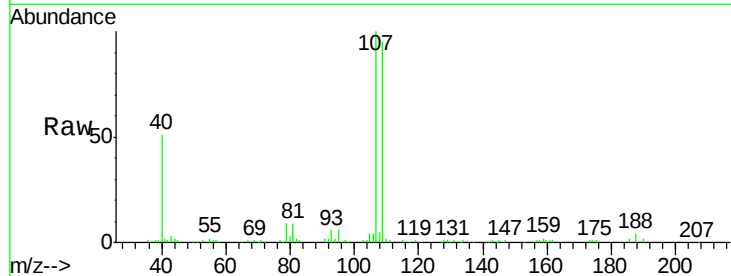




#61  
 1,2-Dibromoethane  
 Concen: 20.842 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. 0.00 min  
 Lab File: VN054554.D  
 Acq: 22 Mar 2019 13:30

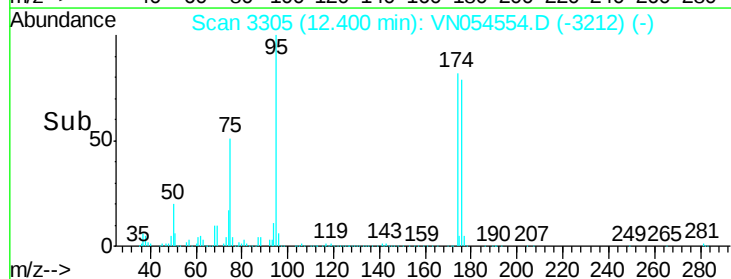
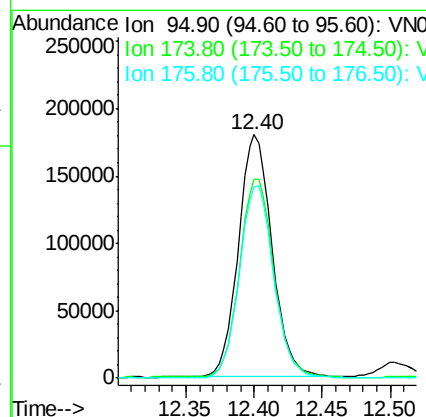
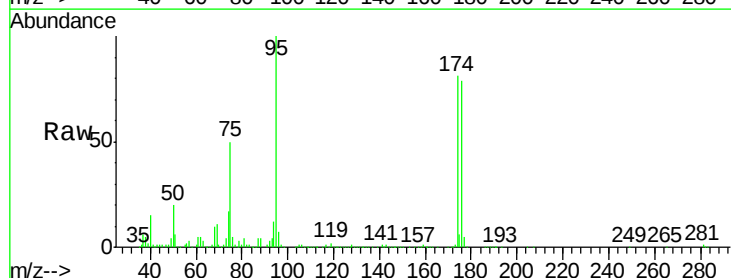
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0322MBS01

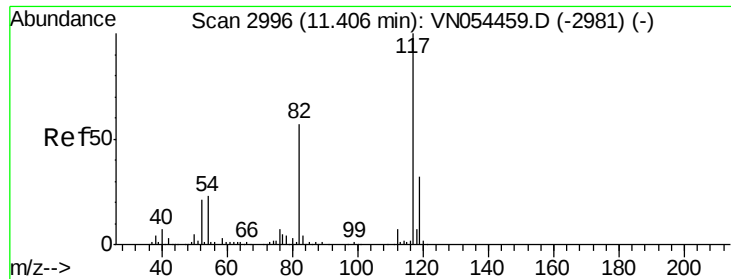
Tot Ion:107 Resp: 95086  
 Ion Ratio Lower Upper  
 107 100  
 109 94.9 75.9 113.9



#62  
 4-Bromofluorobenzene  
 Concen: 47.886 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.00 min  
 Lab File: VN054554.D  
 Acq: 22 Mar 2019 13:30

Tgt Ion: 95 Resp: 308105  
 Ion Ratio Lower Upper  
 95 100  
 174 83.8 0.0 191.0  
 176 81.3 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0322MBS01

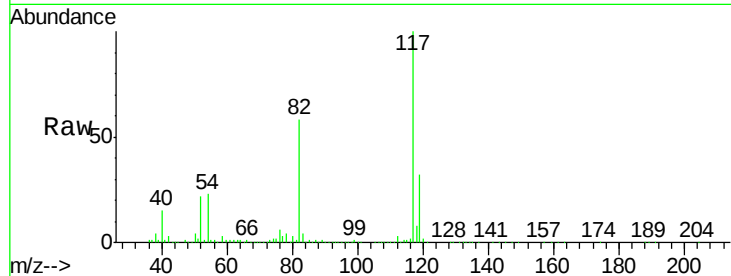
Tot Ion:117 Resp: 670324

Ion Ratio Lower Upper

117 100

82 57.5 40.0 60.0

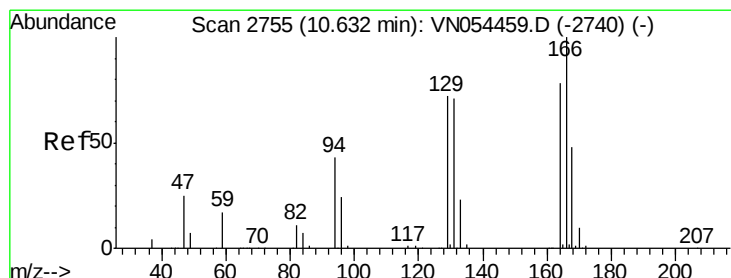
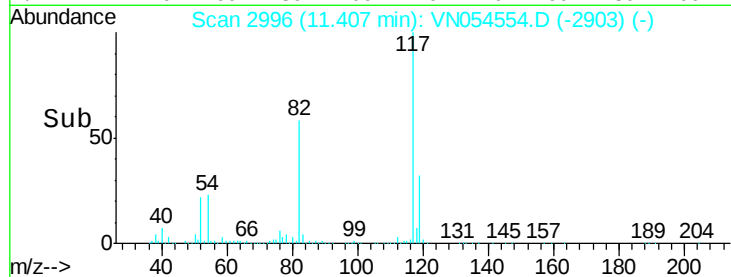
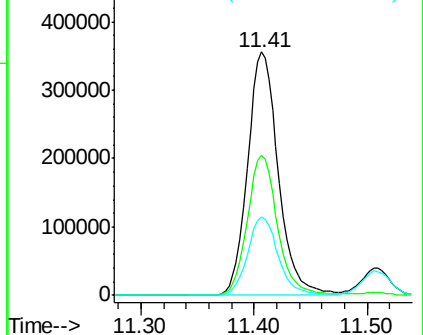
119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.624 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Tgt Ion:164 Resp: 109108

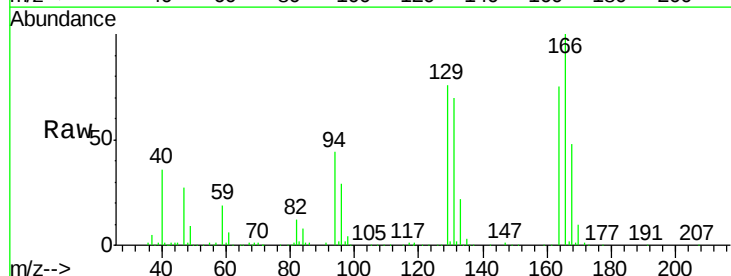
Ion Ratio Lower Upper

164 100

166 133.1 103.9 155.9

129 100.6 71.1 106.7

131 92.1 68.2 102.4

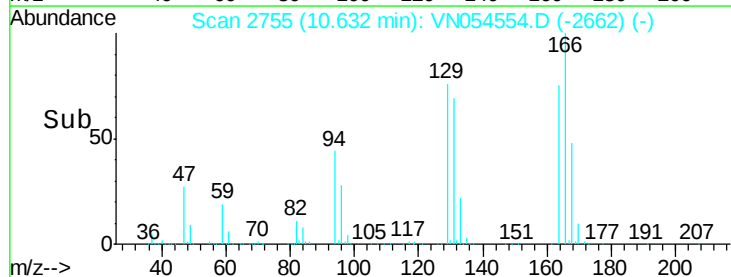
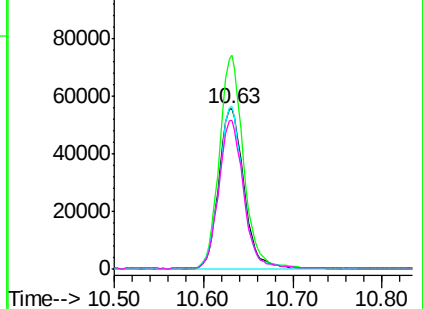


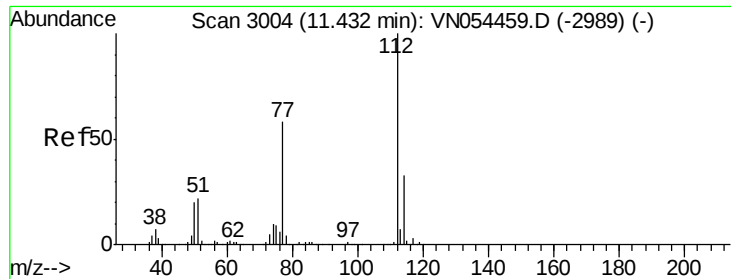
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.708 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

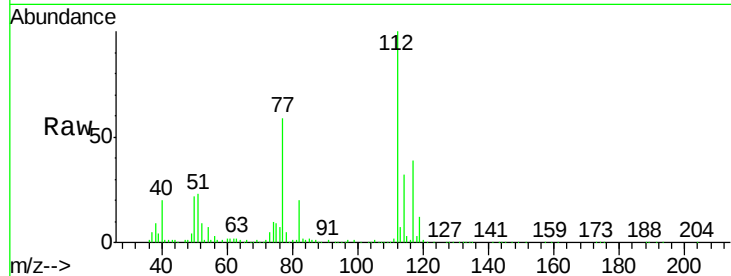
VN0322MBS01

Tot Ion:112 Resp: 268690

Ion Ratio Lower Upper

112 100

114 31.7 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

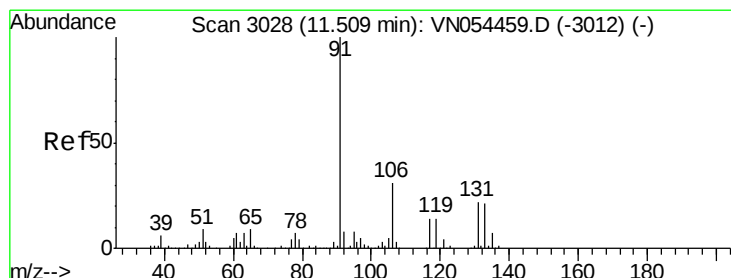
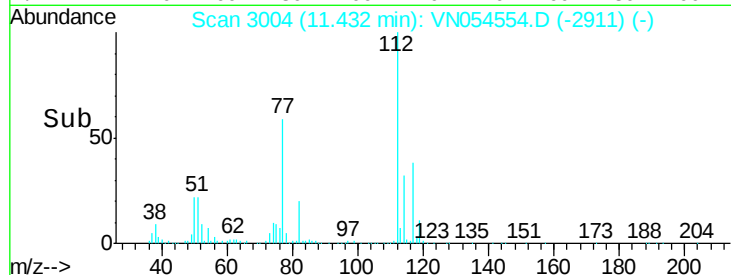
150000

100000

50000

0

Time--> 11.30 11.40 11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 20.040 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

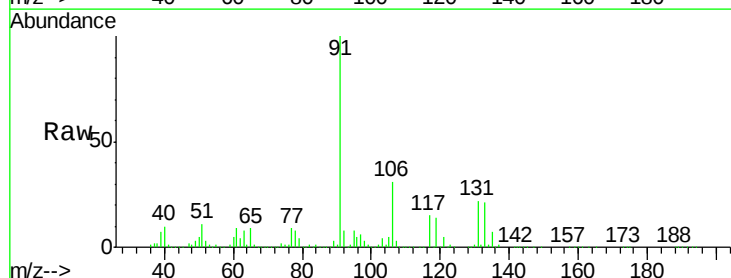
Tgt Ion:131 Resp: 98068

Ion Ratio Lower Upper

131 100

133 95.6 47.6 142.9

119 64.1 32.4 97.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.51

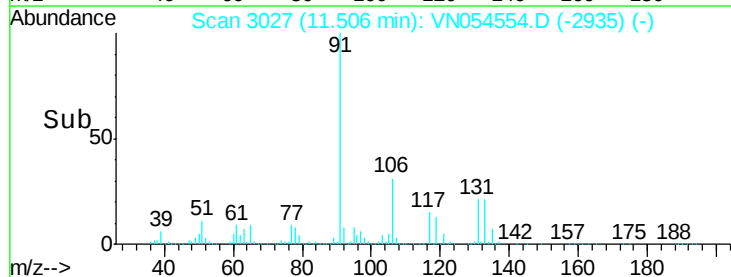
60000

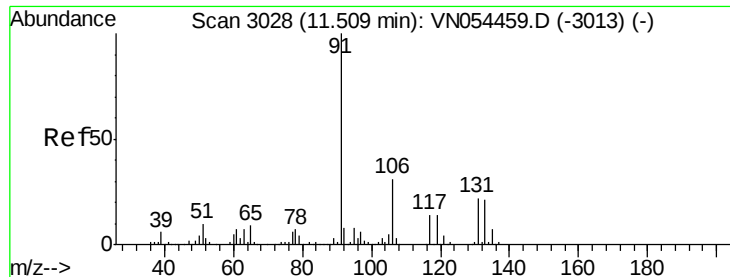
40000

20000

0

Time--> 11.45 11.50 11.55

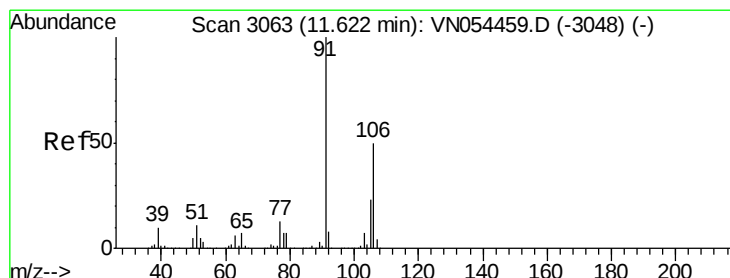
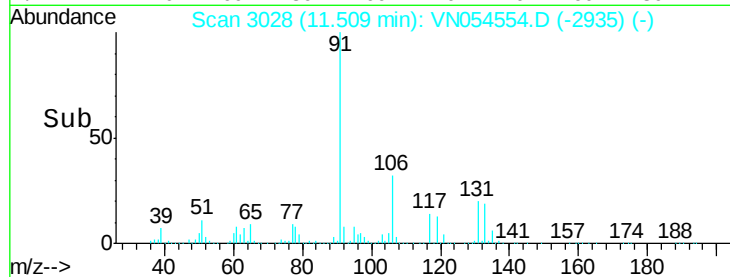
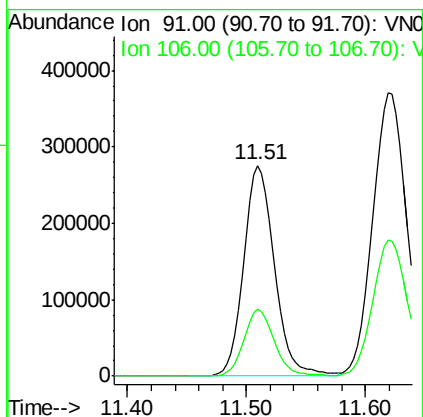
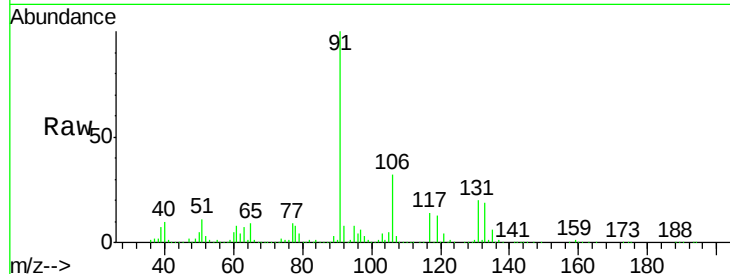




#67  
Ethyl Benzene  
Concen: 20.424 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

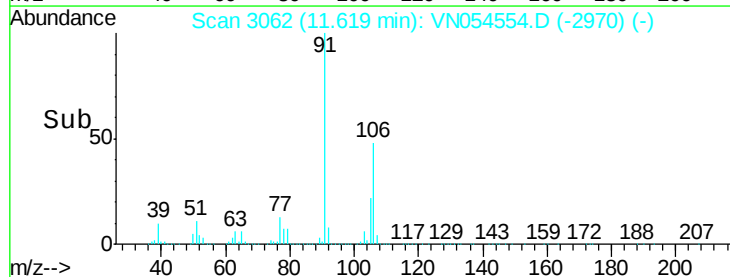
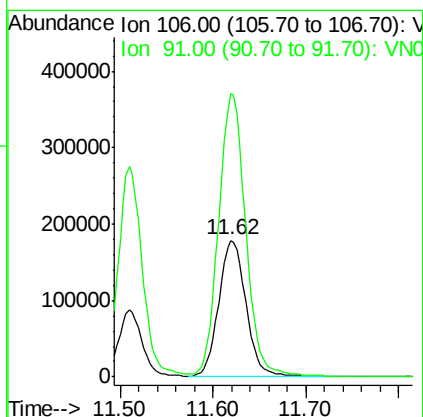
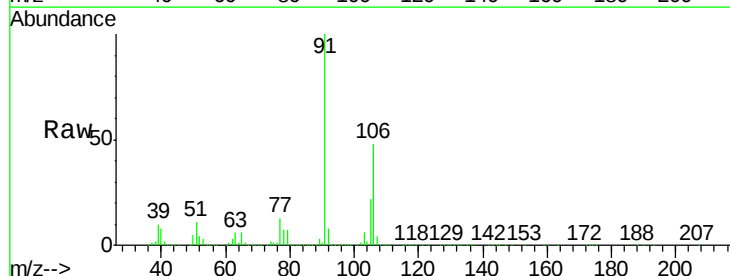
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0322MBS01

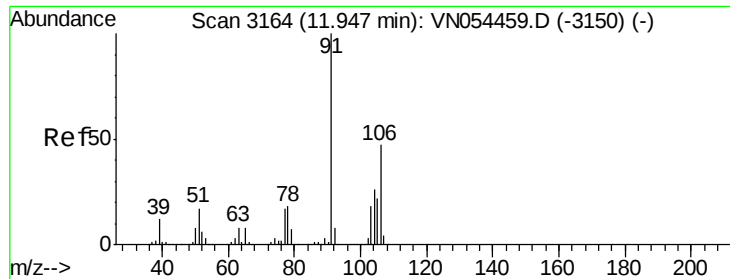
Tot Ion: 91 Resp: 491869  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.5 38.3



#68  
m/p-Xylenes  
Concen: 39.618 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. -0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

Tgt Ion: 106 Resp: 361396  
Ion Ratio Lower Upper  
106 100  
91 206.8 159.4 239.2

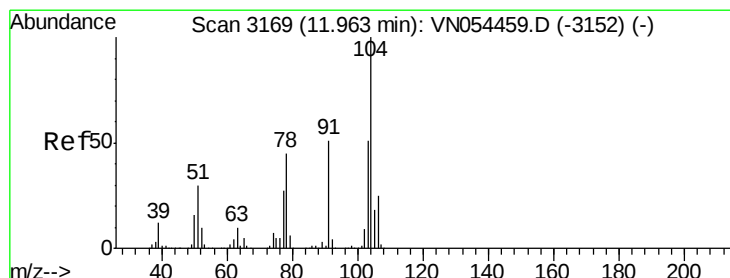
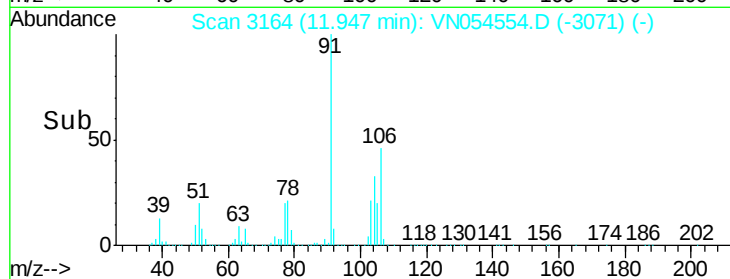
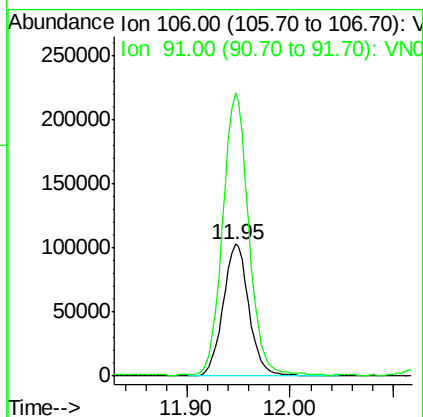
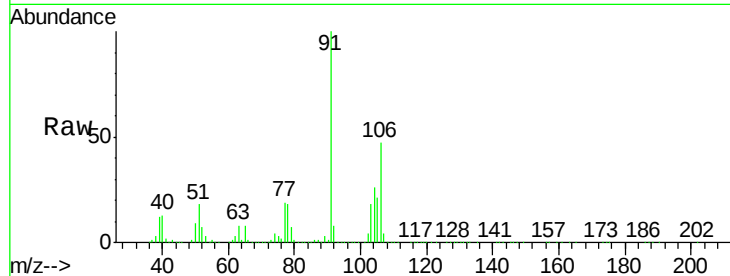




#69  
o-Xylene  
Concen: 20.306 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

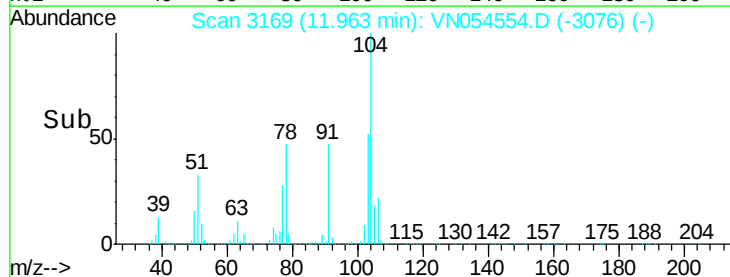
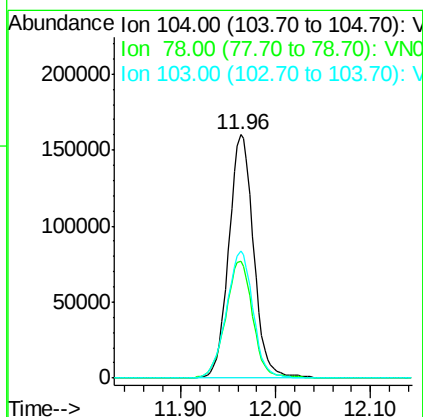
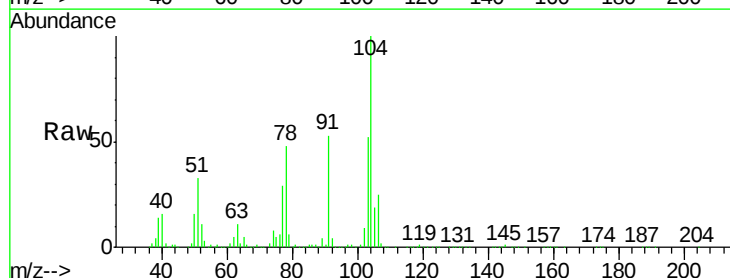
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0322MBS01

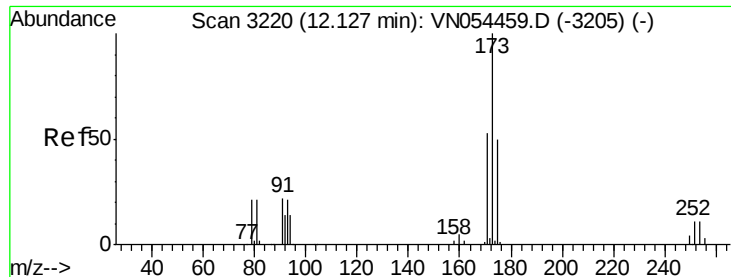
Tot Ion:106 Resp: 180898  
Ion Ratio Lower Upper  
106 100  
91 212.3 105.7 317.1



#70  
Styrene  
Concen: 20.080 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

Tgt Ion:104 Resp: 290498  
Ion Ratio Lower Upper  
104 100  
78 52.1 38.2 57.2  
103 56.6 44.4 66.6





#71

Bromoform

Concen: 17.248 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0322MBS01

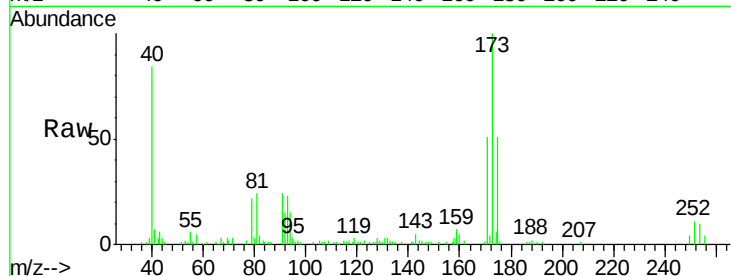
Tot Ion:173 Resp: 53054

Ion Ratio Lower Upper

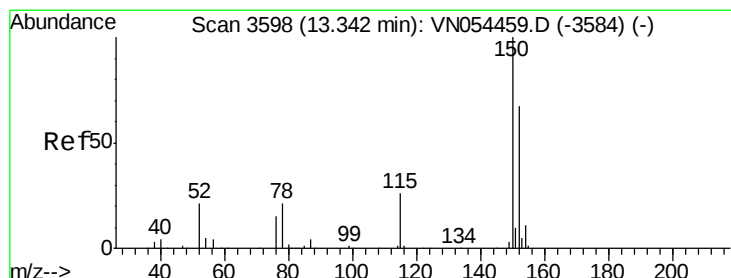
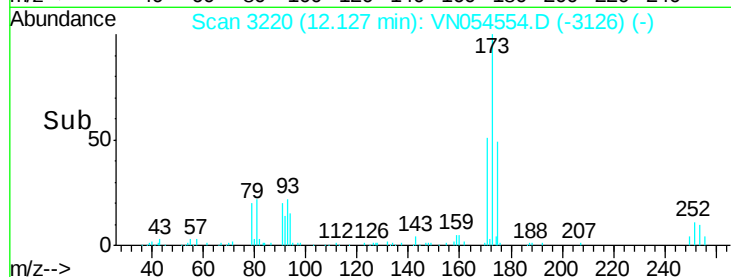
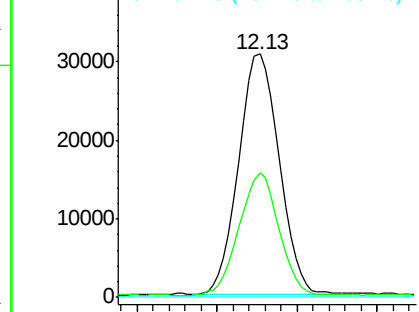
173 100

175 50.4 24.4 73.2

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

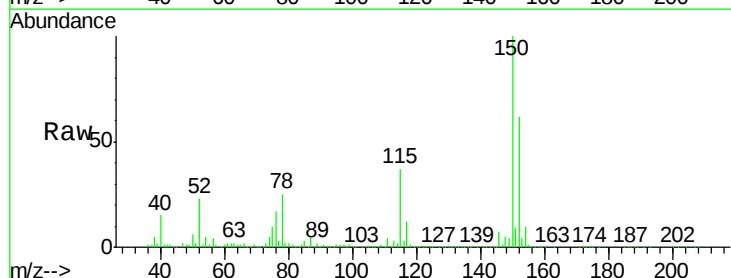
Tgt Ion:152 Resp: 283735

Ion Ratio Lower Upper

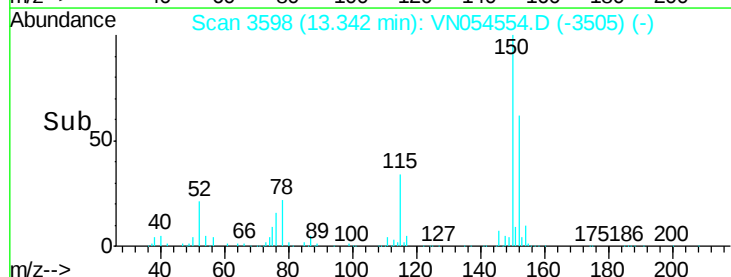
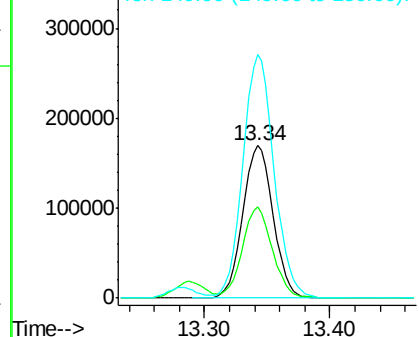
152 100

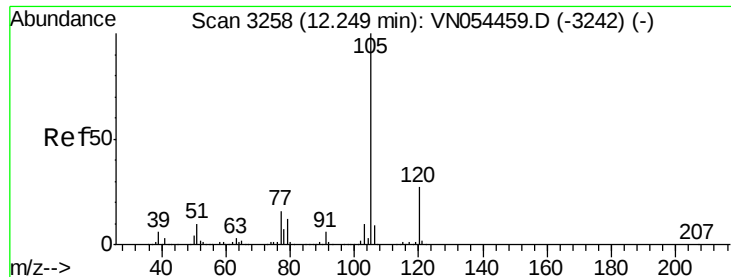
115 58.0 27.2 81.6

150 164.4 0.0 349.2



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





#73

Isopropylbenzene

Concen: 20.561 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

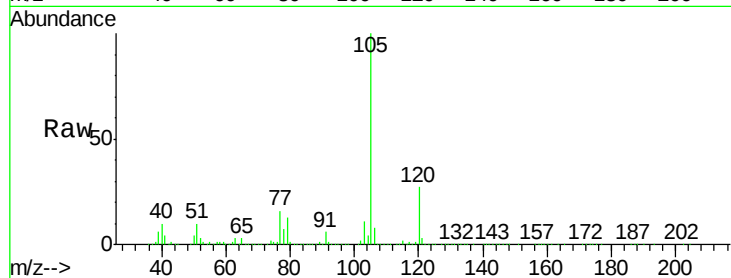
VN0322MBS01

Tot Ion:105 Resp: 470099

Ion Ratio Lower Upper

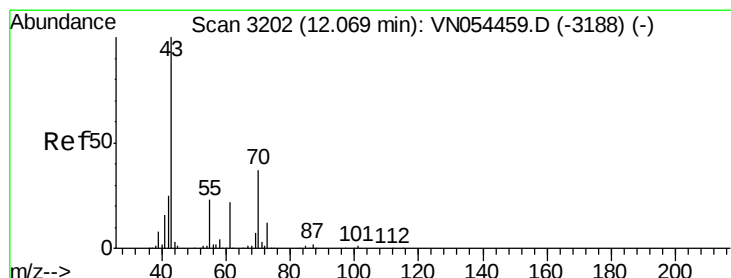
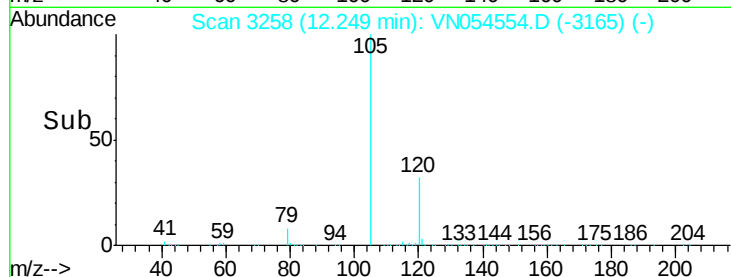
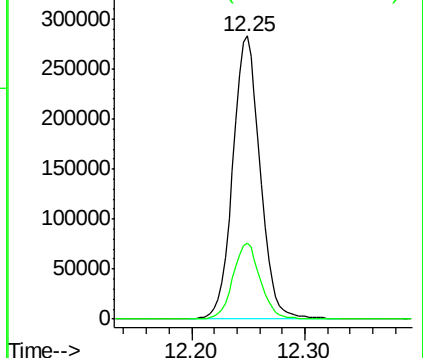
105 100

120 27.3 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 23.261 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Tgt Ion: 43 Resp: 152920

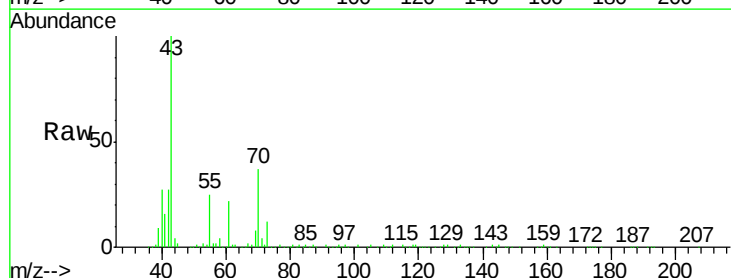
Ion Ratio Lower Upper

43 100

70 36.9 35.4 53.0

55 24.0 19.8 29.6

61 22.4 19.8 29.6

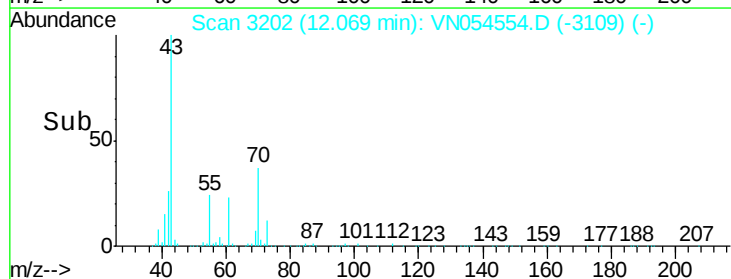
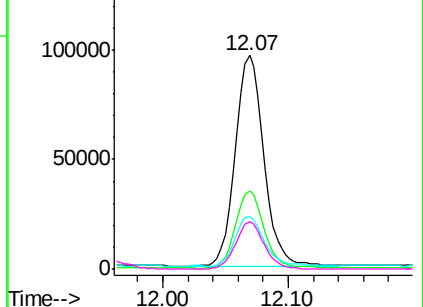


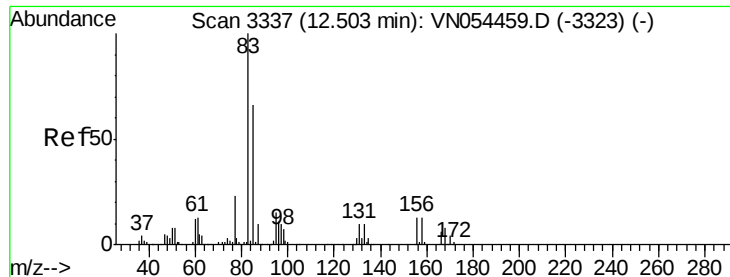
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.838 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0322MBS01

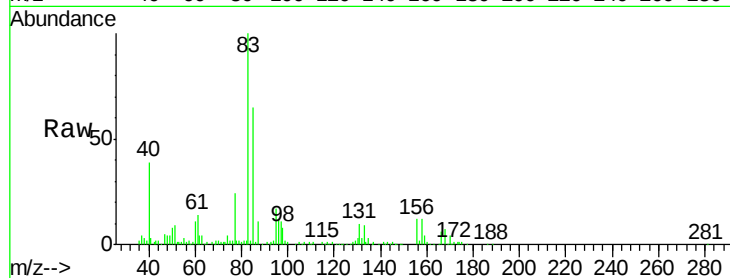
Tot Ion: 83 Resp: 119196

Ion Ratio Lower Upper

83 100

131 10.5 5.8 17.4

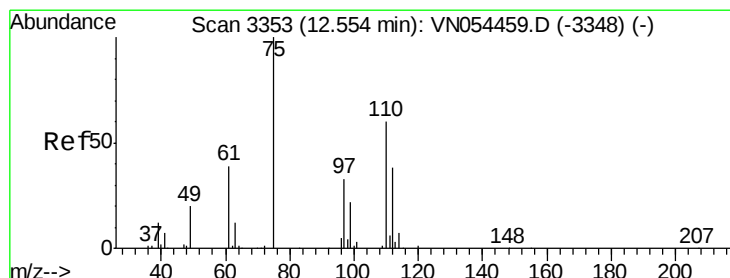
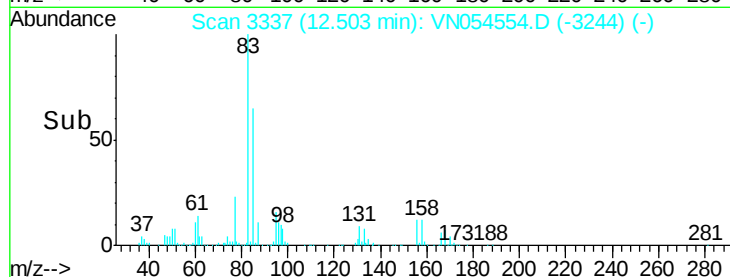
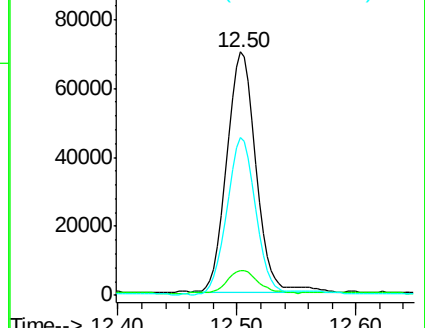
85 63.8 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 30.739 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054554.D

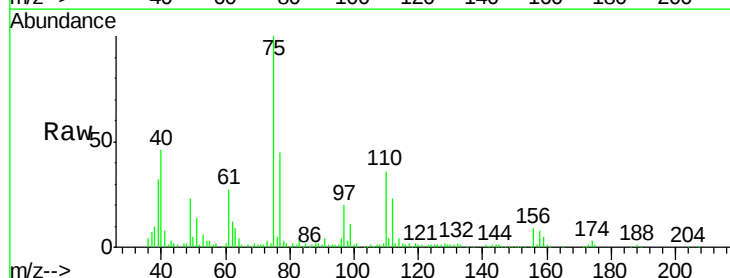
Acq: 22 Mar 2019 13:30

Tgt Ion: 75 Resp: 138401

Ion Ratio Lower Upper

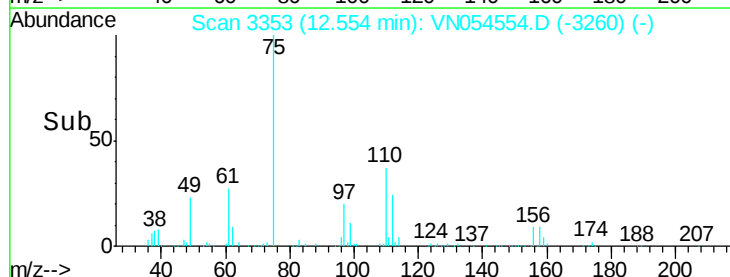
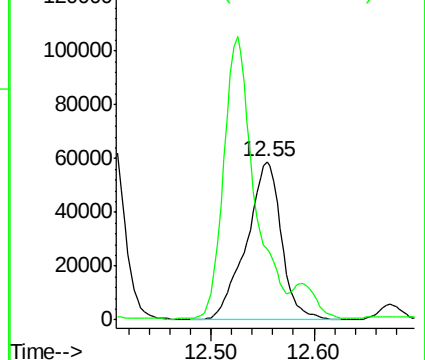
75 100

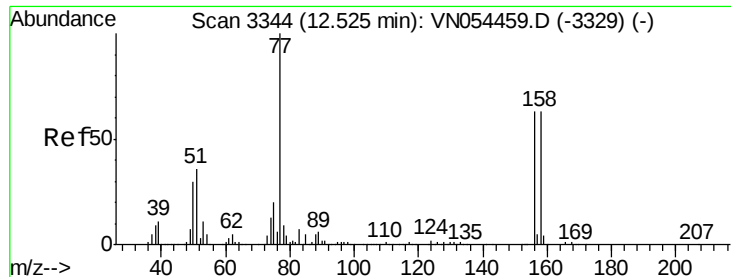
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

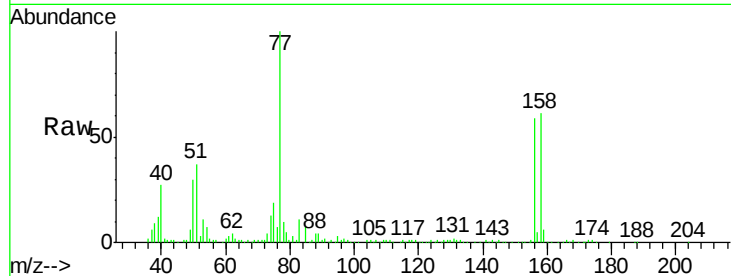




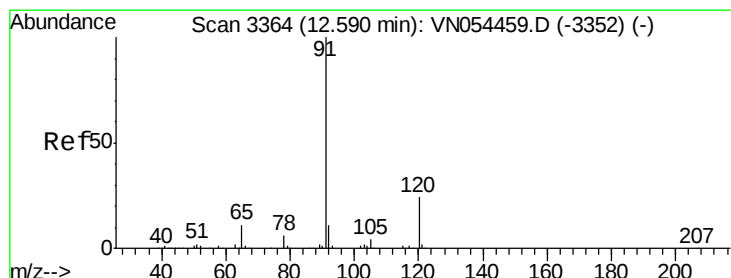
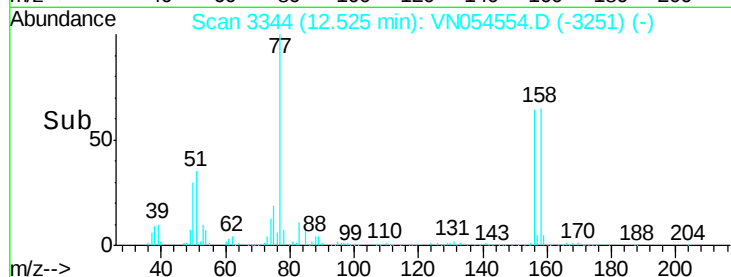
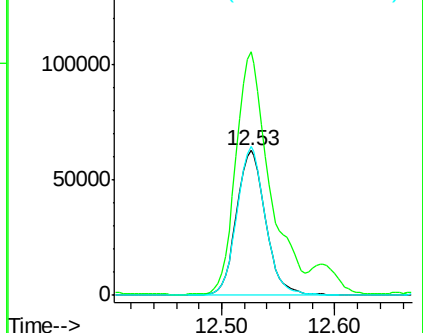
#77  
Bromobenzene  
Concen: 19.962 ug/l  
RT: 12.53 min Scan# 3344  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0322MBS01

Tot Ion:156 Resp: 113196  
Ion Ratio Lower Upper  
156 100  
77 192.0 81.5 244.4  
158 98.5 49.0 147.2

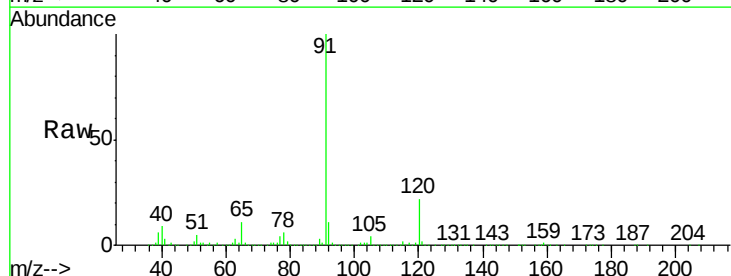


Abundance Ion 155.80 (155.50 to 156.50): V  
Ion 77.00 (76.70 to 77.70): VN0  
Ion 157.80 (157.50 to 158.50): V

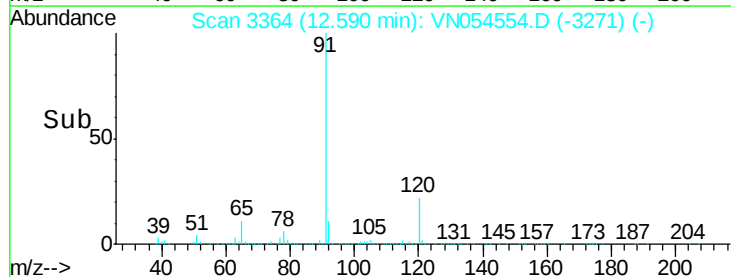
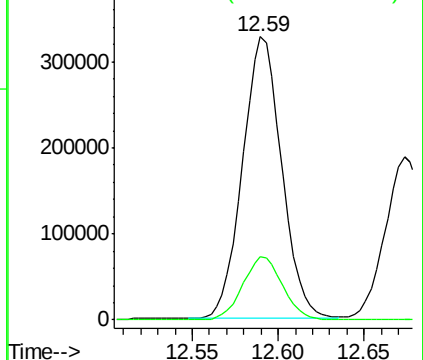


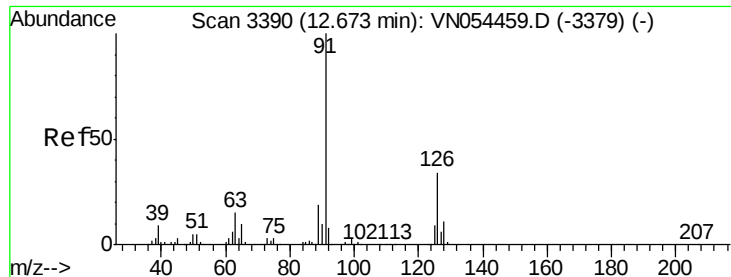
#78  
n-propylbenzene  
Concen: 20.811 ug/l  
RT: 12.59 min Scan# 3364  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

Tgt Ion: 91 Resp: 515952  
Ion Ratio Lower Upper  
91 100  
120 22.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0  
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.345 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampled :

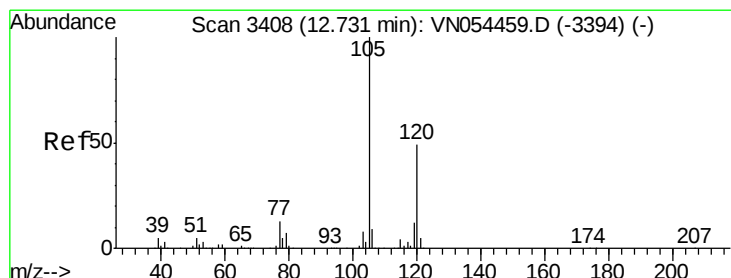
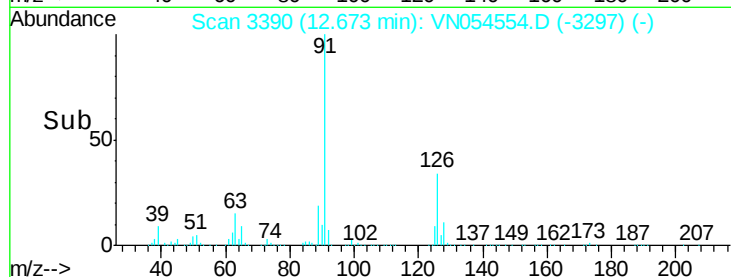
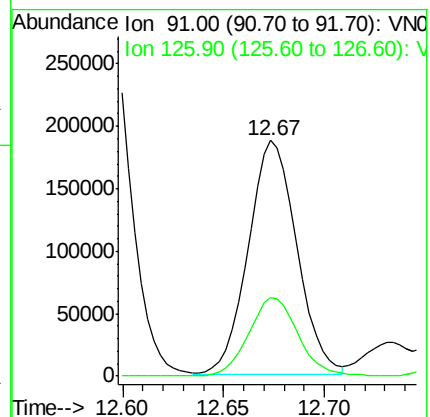
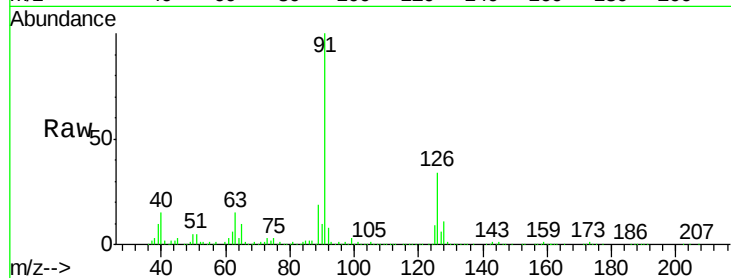
VN0322MBS01

Tot Ion: 91 Resp: 314553

Ion Ratio Lower Upper

91 100

126 34.0 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 20.835 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054554.D

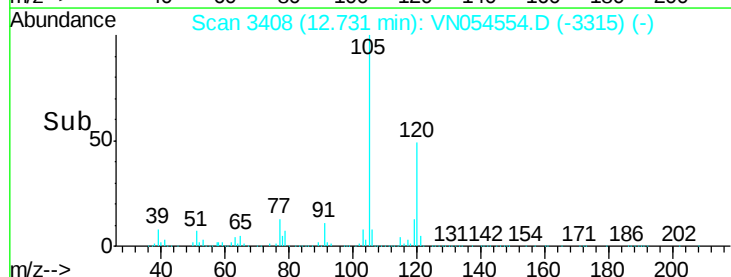
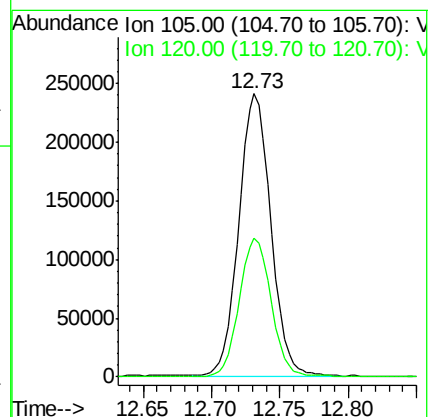
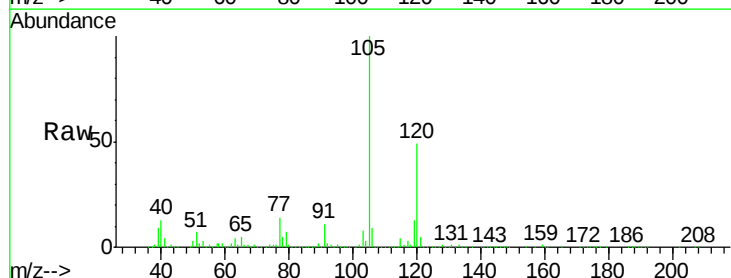
Acq: 22 Mar 2019 13:30

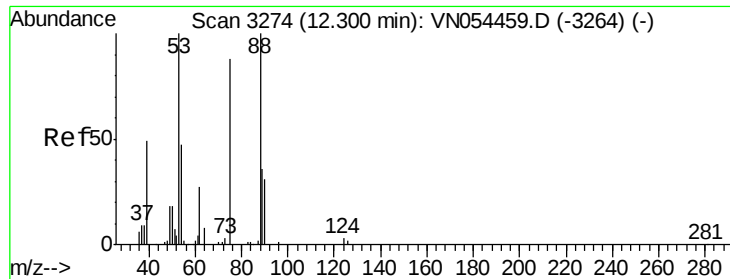
Tgt Ion: 105 Resp: 390433

Ion Ratio Lower Upper

105 100

120 48.9 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.647 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampled :

VN0322MBS01

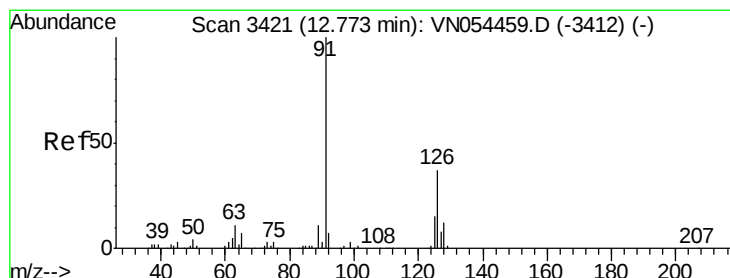
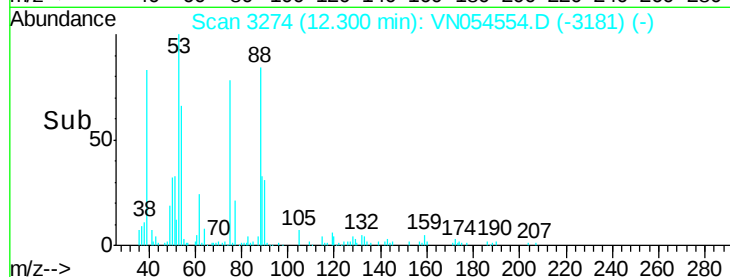
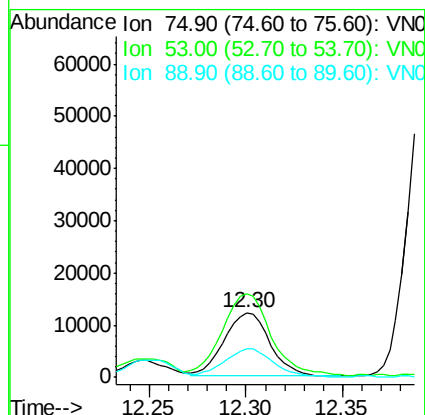
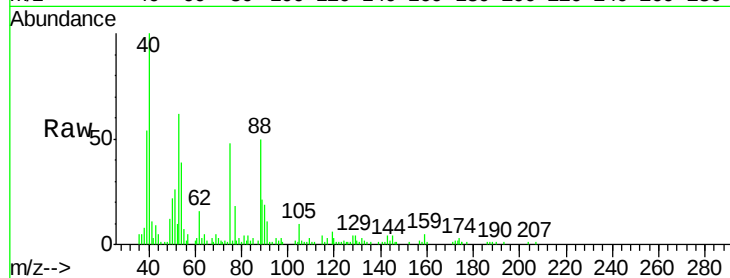
Tot Ion: 75 Resp: 20186

Ion Ratio Lower Upper

75 100

53 134.9 76.2 114.2#

89 48.3 39.2 58.8



#82

4-Chlorotoluene

Concen: 20.536 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054554.D

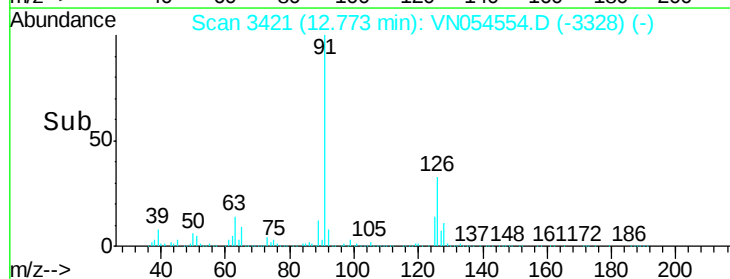
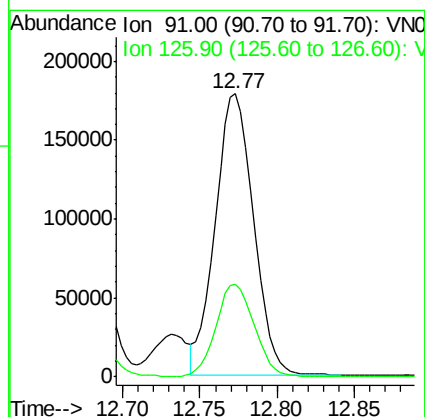
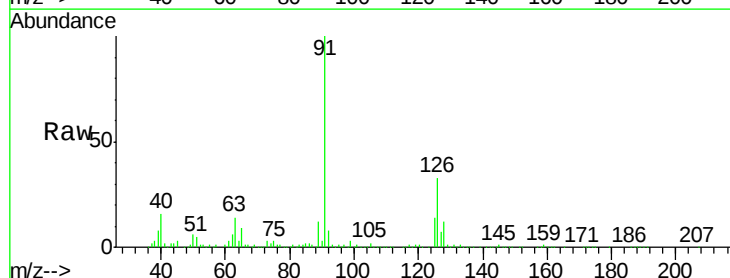
Acq: 22 Mar 2019 13:30

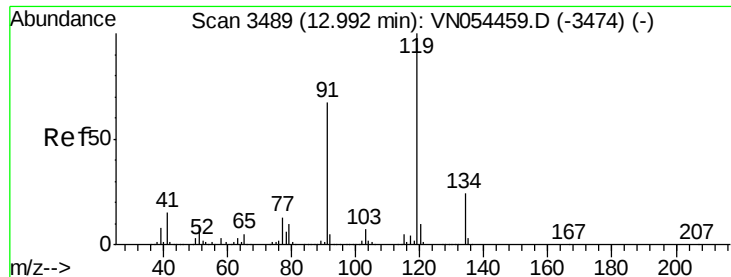
Tgt Ion: 91 Resp: 307762

Ion Ratio Lower Upper

91 100

126 33.1 18.1 54.1

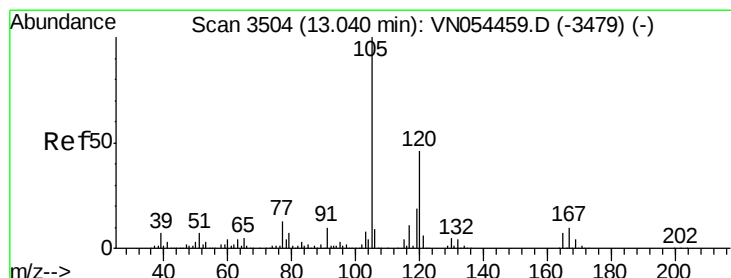
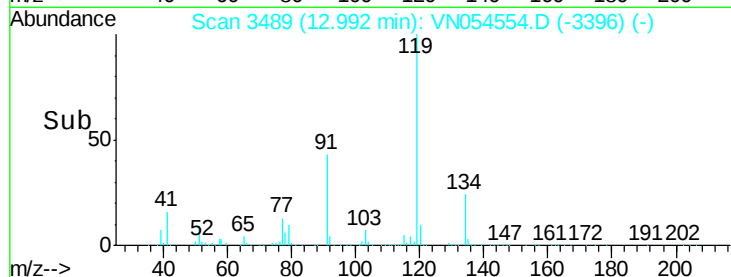
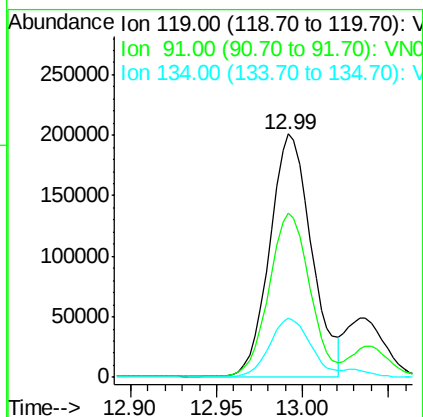
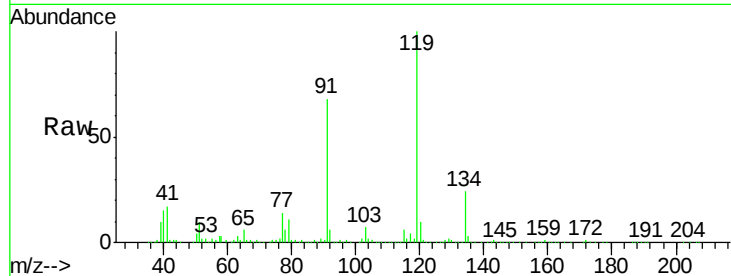




#83  
tert-Butylbenzene  
Concen: 20.650 ug/l  
RT: 12.99 min Scan# 3489  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

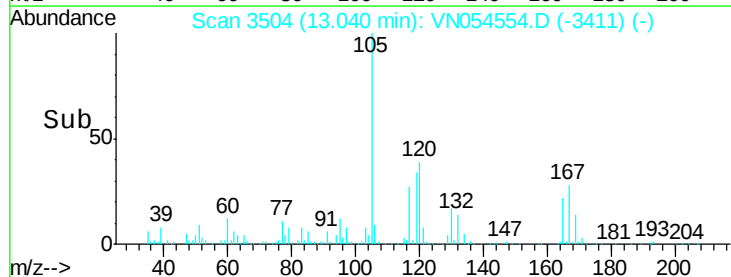
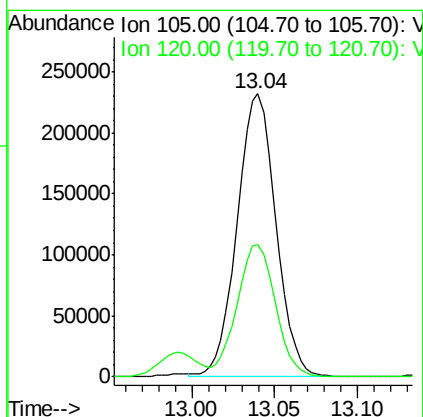
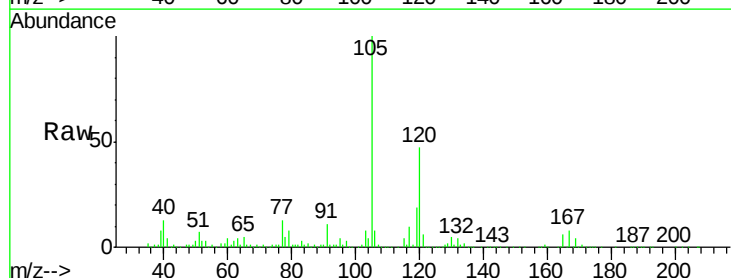
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0322MBS01

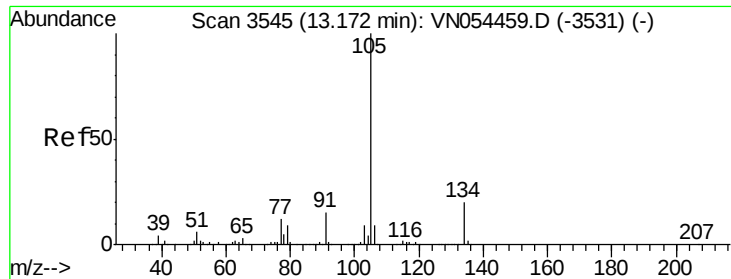
Tot Ion:119 Resp: 336832  
Ion Ratio Lower Upper  
119 100  
91 65.6 30.9 92.8  
134 24.1 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 20.343 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. 0.00 min  
Lab File: VN054554.D  
Acq: 22 Mar 2019 13:30

Tgt Ion:105 Resp: 374042  
Ion Ratio Lower Upper  
105 100  
120 46.3 23.4 70.3





#85

sec-Butylbenzene

Concen: 20.799 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampled :

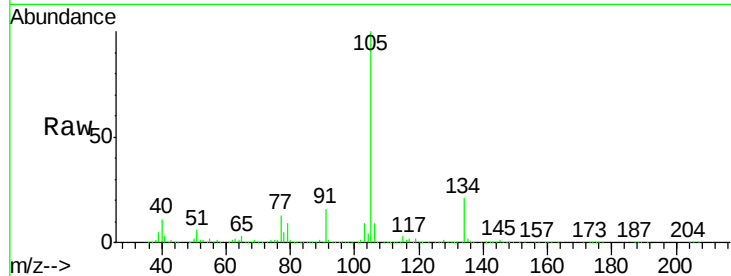
VN0322MBS01

Tot Ion:105 Resp: 422913

Ion Ratio Lower Upper

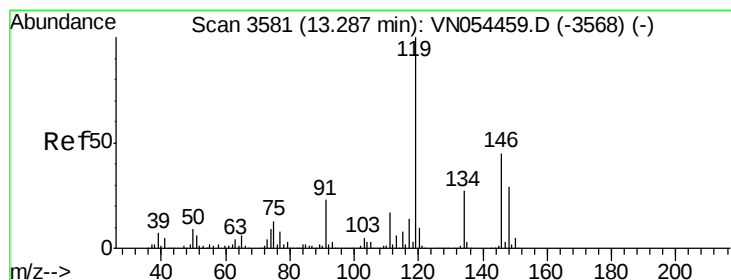
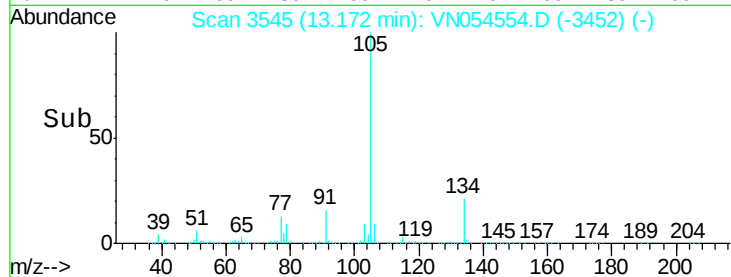
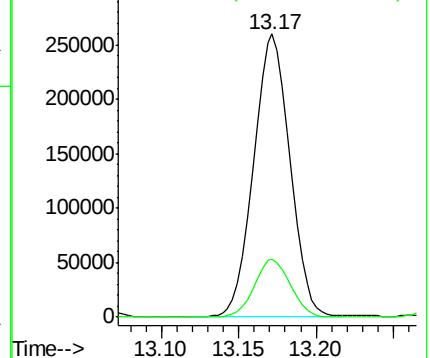
105 100

134 20.4 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.885 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

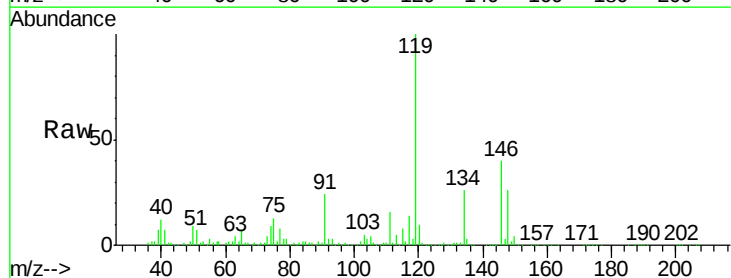
Tgt Ion:119 Resp: 379923

Ion Ratio Lower Upper

119 100

134 26.2 13.6 40.8

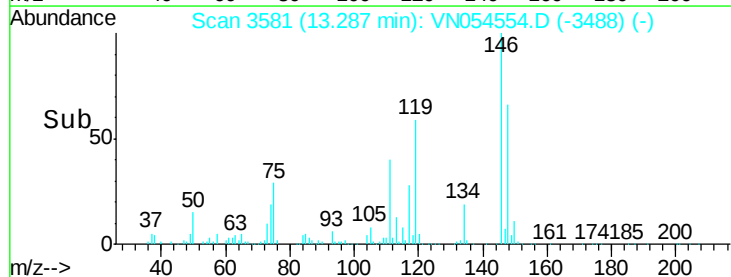
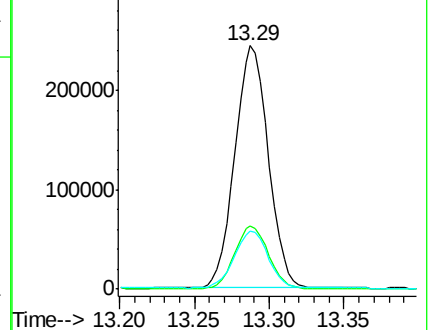
91 23.8 11.1 33.3

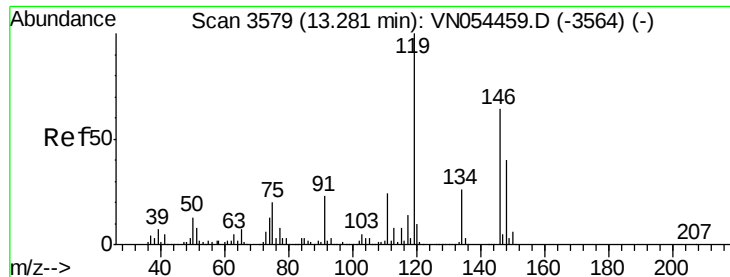


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

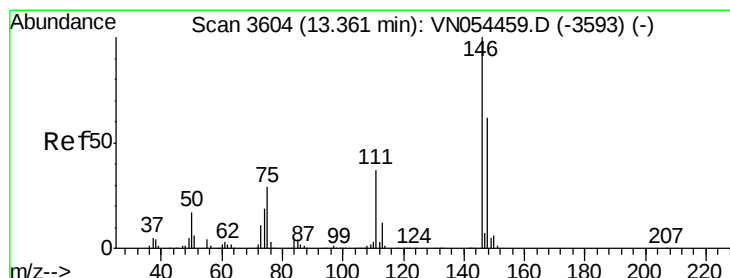
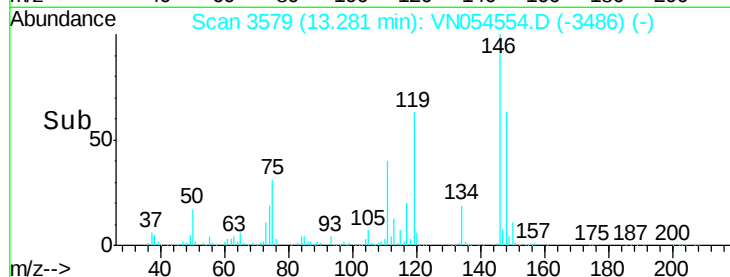
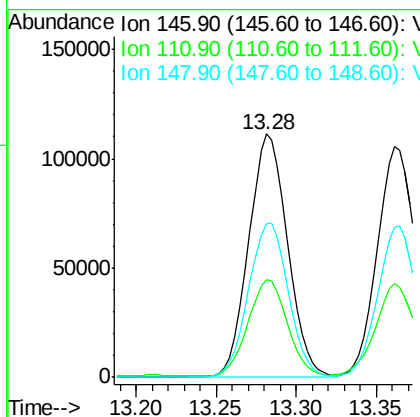
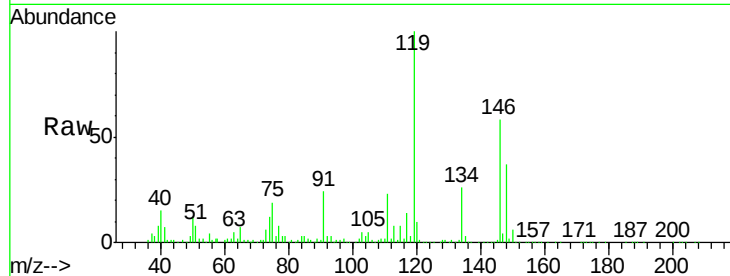




#87  
 1,3-Dichlorobenzene  
 Concen: 19.670 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. 0.00 min  
 Lab File: VN054554.D  
 Acq: 22 Mar 2019 13:30

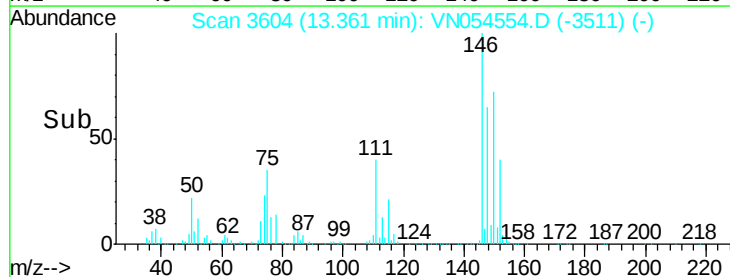
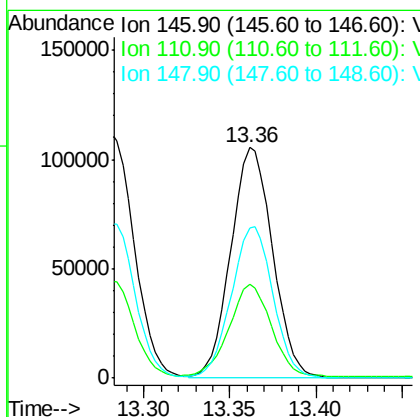
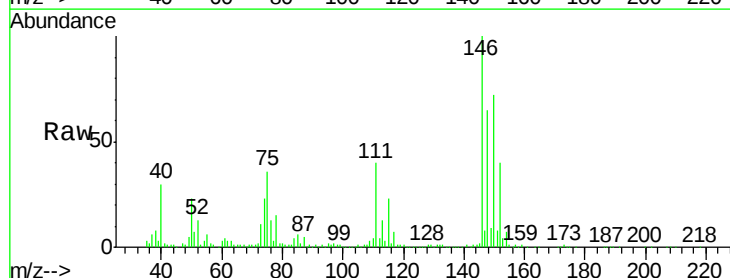
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0322MBS01

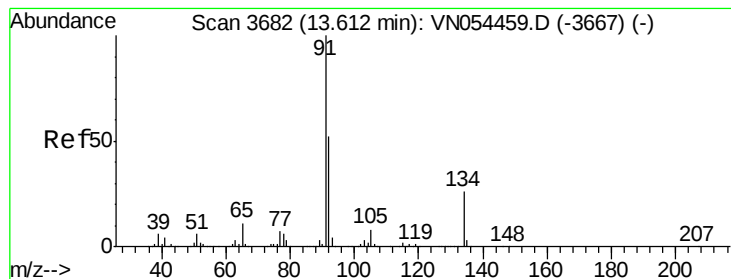
Tot Ion:146 Resp: 184836  
 Ion Ratio Lower Upper  
 146 100  
 111 39.8 18.8 56.3  
 148 65.3 32.2 96.6



#88  
 1,4-Dichlorobenzene  
 Concen: 19.384 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. 0.00 min  
 Lab File: VN054554.D  
 Acq: 22 Mar 2019 13:30

Tgt Ion:146 Resp: 177226  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 18.1 54.1  
 148 65.5 32.0 96.0





#89

n-Butylbenzene

Concen: 21.206 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampled :

VN0322MBS01

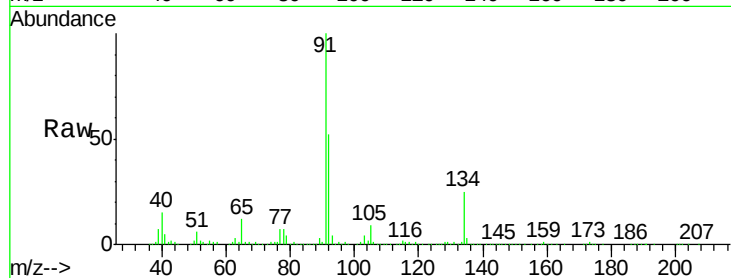
Tot Ion: 91 Resp: 301642

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.6

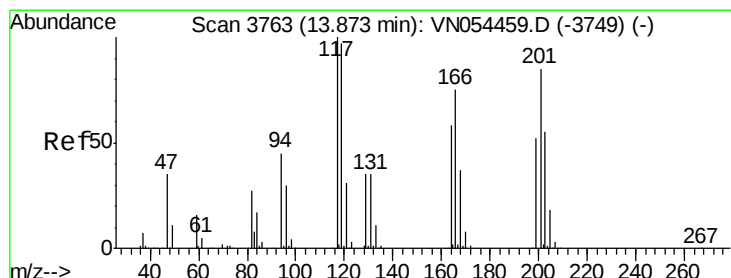
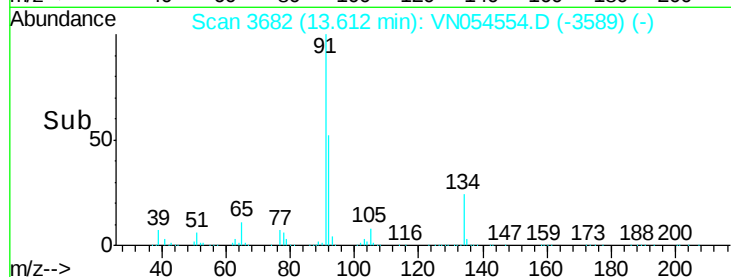
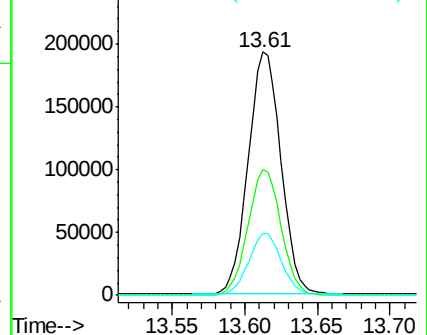
134 26.5 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VN054459.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN054459.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN054459.D (-3667) (-)



#90

Hexachloroethane

Concen: 18.257 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN054554.D

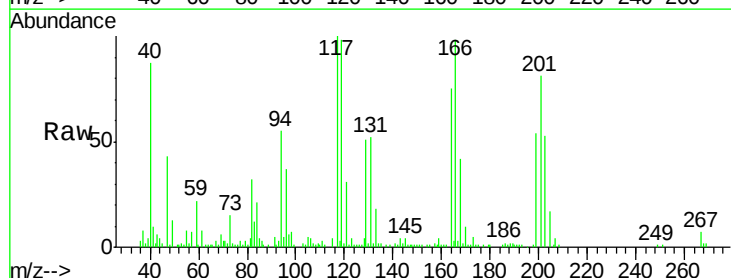
Acq: 22 Mar 2019 13:30

Tgt Ion: 117 Resp: 51552

Ion Ratio Lower Upper

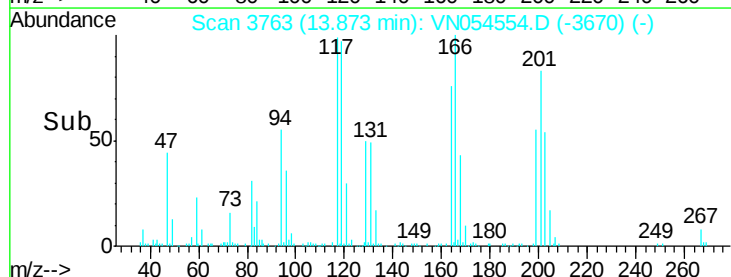
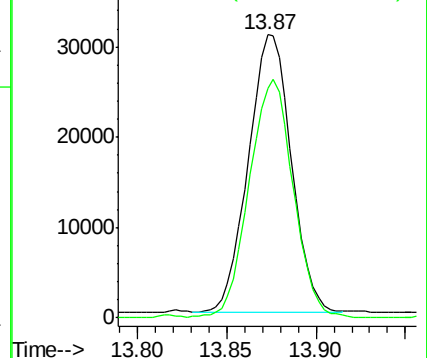
117 100

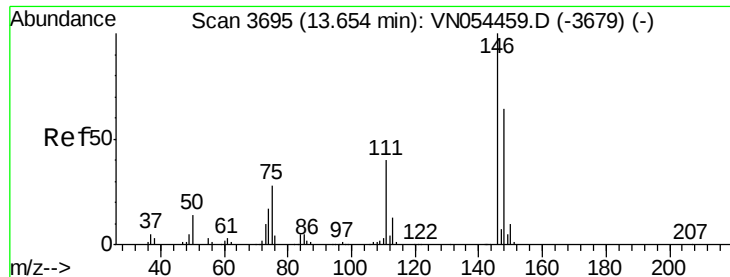
201 88.4 48.1 144.4



Abundance Ion 116.80 (116.50 to 117.50): VN054459.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN054459.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 20.690 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0322MBS01

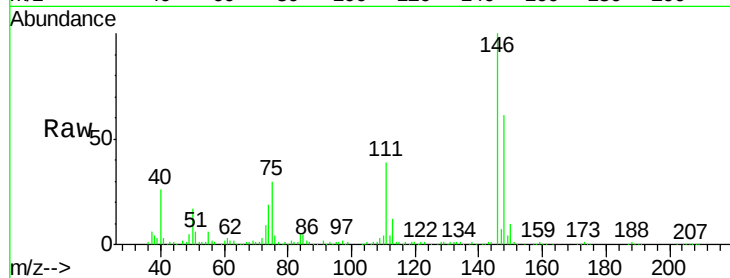
Tot Ion:146 Resp: 188314

Ion Ratio Lower Upper

146 100

111 40.5 19.1 57.3

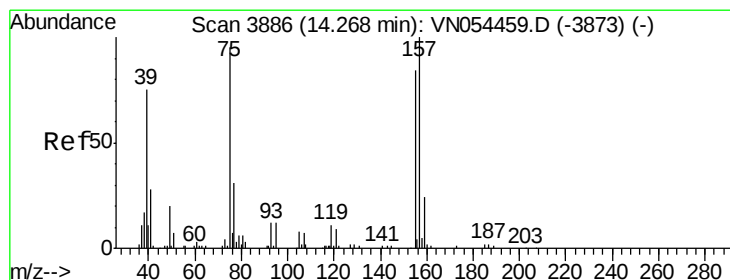
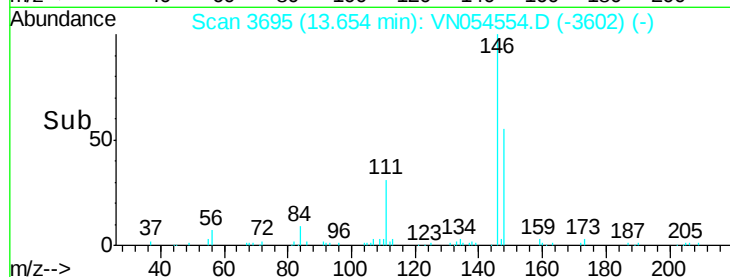
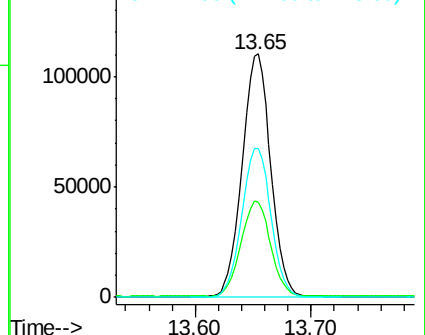
148 62.9 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.006 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

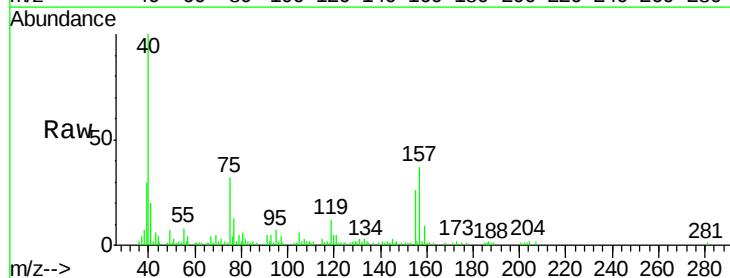
Tgt Ion: 75 Resp: 16081

Ion Ratio Lower Upper

75 100

155 84.7 50.1 150.3

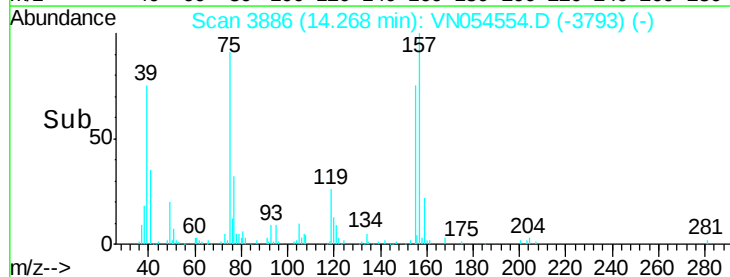
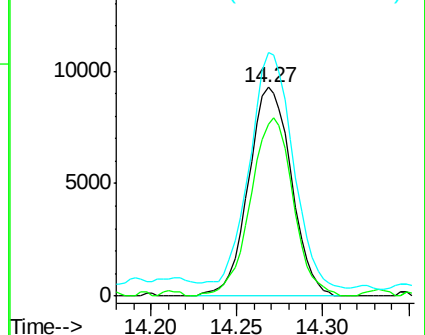
157 113.3 63.1 189.3

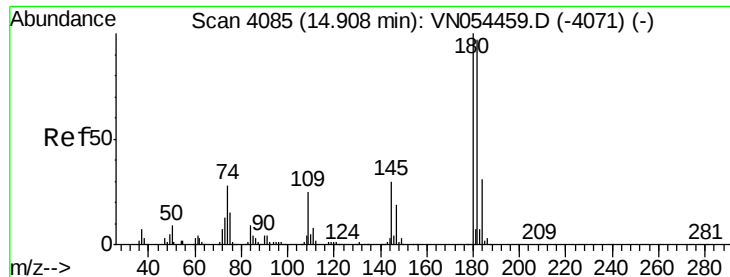


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

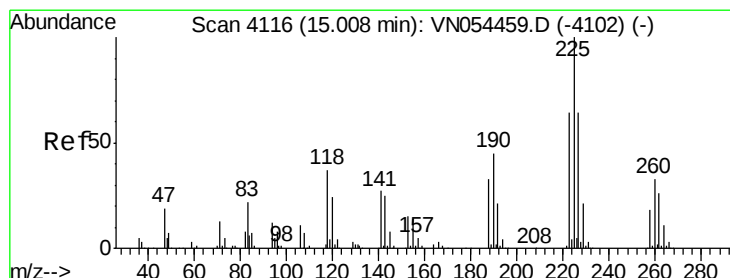
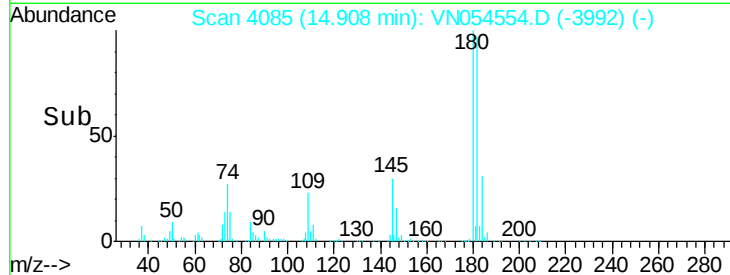
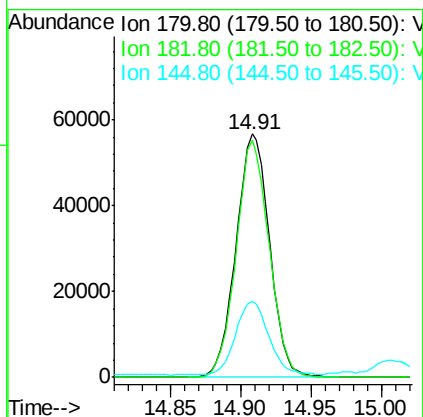
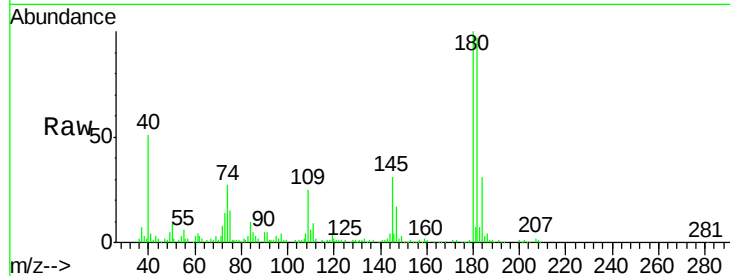




#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.871 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN054554.D  
 Acq: 22 Mar 2019 13:30

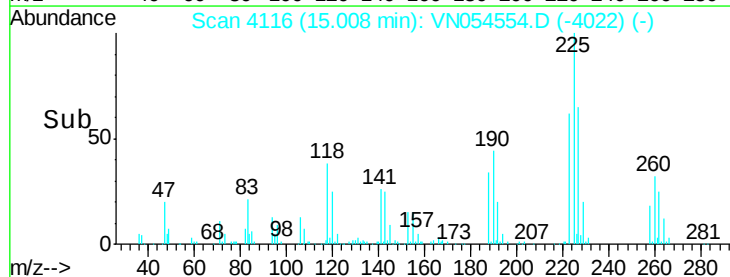
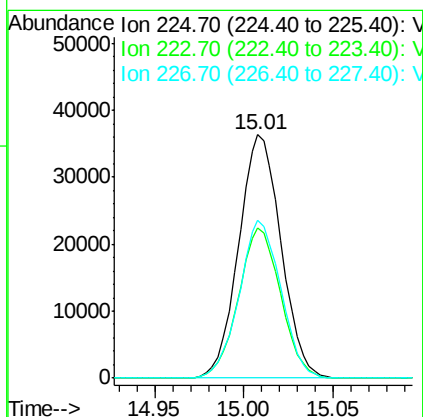
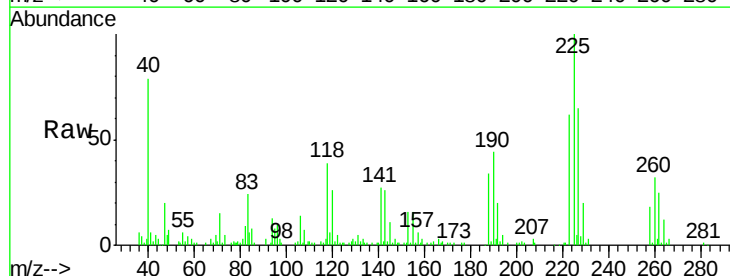
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0322MBS01

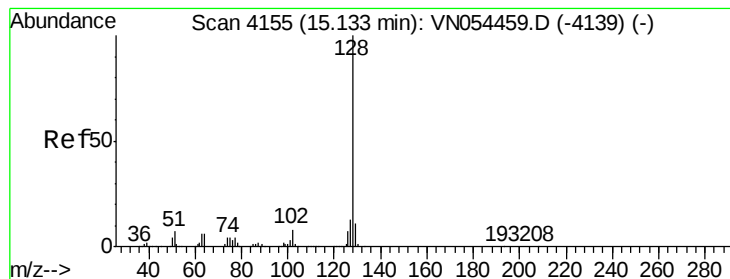
Tot Ion:180 Resp: 94698  
 Ion Ratio Lower Upper  
 180 100  
 182 95.3 48.0 144.2  
 145 30.0 14.2 42.8



#94  
 Hexachlorobutadiene  
 Concen: 22.139 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN054554.D  
 Acq: 22 Mar 2019 13:30

Tgt Ion:225 Resp: 59959  
 Ion Ratio Lower Upper  
 225 100  
 223 61.5 31.1 93.5  
 227 63.9 31.9 95.9





#95

Naphthalene

Concen: 22.142 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

Instrument :

MSVOA\_N

ClientSampleId :

VN0322MBS01

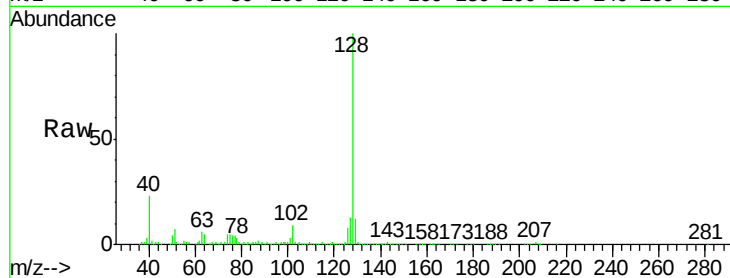
Tot Ion:128 Resp: 224096

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

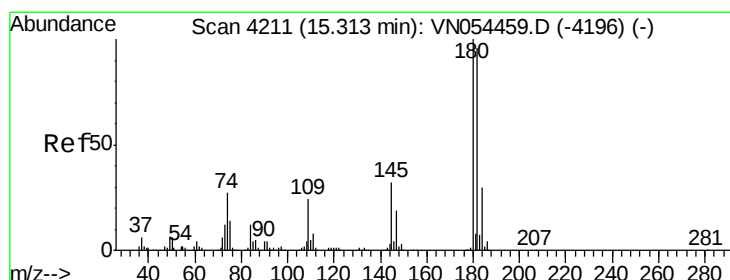
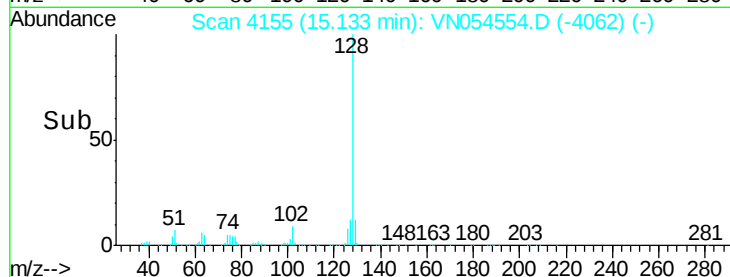
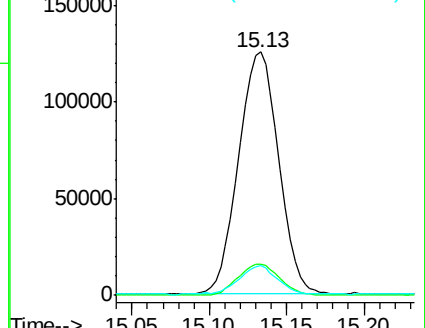
129 11.5 8.7 13.1



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: 21.552 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054554.D

Acq: 22 Mar 2019 13:30

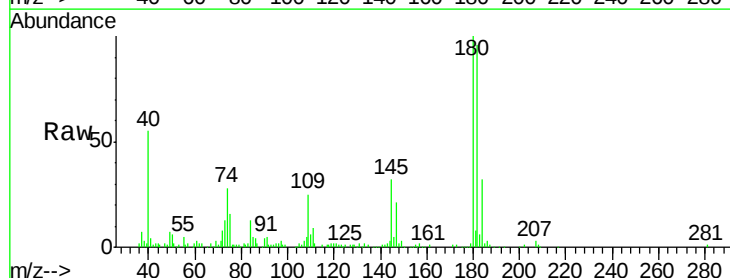
Tgt Ion:180 Resp: 97327

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.6

145 32.1 14.8 44.3



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

