

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\  
 Data File : VN055066.D  
 Acq On : 16 Apr 2019 1:44  
 Operator : JC/SP  
 Sample : VSTDCCC050EC  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 16 05:56:35 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041519W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 15 12:28:28 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 379135   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 637013   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 561046   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 249772   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.03   | 65  | 255857   | 50.77 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.54% |      |
| 35) Dibromofluoromethane    | 7.59   | 113 | 207853   | 48.82 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.64%  |      |
| 50) Toluene-d8              | 10.09  | 98  | 766574   | 50.31 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.62% |      |
| 62) 4-Bromofluorobenzene    | 12.40  | 95  | 266789   | 53.86 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 107.72% |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 211766  | 49.148  | ug/l | 99     |
| 3) Chloromethane              | 2.06 | 50  | 278385  | 49.536  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.19 | 62  | 229330  | 48.550  | ug/l | 99     |
| 5) Bromomethane               | 2.55 | 94  | 125830  | 47.088  | ug/l | 99     |
| 6) Chloroethane               | 2.70 | 64  | 126851  | 49.798  | ug/l | 96     |
| 7) Trichlorofluoromethane     | 3.02 | 101 | 284885  | 48.225  | ug/l | 100    |
| 8) Diethyl Ether              | 3.41 | 74  | 92261   | 48.927  | ug/l | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101 | 144881  | 46.864  | ug/l | 99     |
| 10) Methyl Iodide             | 3.94 | 142 | 225440  | 46.991  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.82 | 59  | 58820   | 212.930 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.73 | 96  | 143214  | 47.592  | ug/l | 96     |
| 13) Acrolein                  | 3.61 | 56  | 76942   | 225.340 | ug/l | 100    |
| 14) Allyl chloride            | 4.31 | 41  | 366372  | 49.739  | ug/l | 100    |
| 15) Acrylonitrile             | 4.99 | 53  | 414243  | 250.639 | ug/l | 99     |
| 16) Acetone                   | 3.82 | 43  | 255854  | 187.048 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.04 | 76  | 452934  | 46.627  | ug/l | 99     |
| 18) Methyl Acetate            | 4.33 | 43  | 200937  | 50.978  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 546103  | 50.731  | ug/l | 99     |
| 20) Methylene Chloride        | 4.54 | 84  | 227930  | 47.402  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.03 | 96  | 202038  | 49.641  | ug/l | 93     |
| 22) Diisopropyl ether         | 5.96 | 45  | 784142  | 51.785  | ug/l | 99     |
| 23) Vinyl Acetate             | 5.90 | 43  | 2741316 | 273.892 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 5.84 | 63  | 407598  | 50.548  | ug/l | 99     |
| 25) 2-Butanone                | 6.84 | 43  | 488884  | 239.473 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 6.82 | 77  | 229258  | 45.047  | ug/l | 97     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 232882  | 50.577  | ug/l | 98     |
| 28) Bromochloromethane        | 7.19 | 49  | 193048  | 49.665  | ug/l | 100    |
| 29) Tetrahydrofuran           | 7.22 | 42  | 329168  | 245.877 | ug/l | 99     |
| 30) Chloroform                | 7.37 | 83  | 392424  | 50.102  | ug/l | 99     |
| 31) Cyclohexane               | 7.65 | 56  | 368939  | 51.797  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 319079  | 51.419  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 284076  | 47.306  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.94 | 43  | 221198  | 45.246  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 265769  | 46.518  | ug/l | 98     |

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Quant Time: Apr 16 05:56:35 2019  
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 Quant Title : SW846 8260  
 QLast Update : Mon Apr 15 12:28:28 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 301108   | 46.273  | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 882783   | 48.777  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 141211   | 52.035  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 304695   | 48.490  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 375557   | 49.855  | ug/l   | 99       |
| 44) Trichloroethene            | 8.83  | 130  | 224112   | 49.438  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 246778   | 48.892  | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 139098   | 48.417  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.40  | 83   | 291462   | 49.207  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.20  | 41   | 190940   | 51.139  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 31975    | 914.069 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 1083110  | 248.877 | ug/l   | 100      |
| 52) Toluene                    | 10.15 | 92   | 524639   | 50.613  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 271867   | 52.521  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 338338   | 52.663  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 197229   | 49.385  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 261486   | 54.557  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 342748   | 50.407  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 492868   | 234.806 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 670945   | 245.457 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.90 | 129  | 201396   | 51.643  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 186336   | 50.692  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.63 | 164  | 208597   | 45.723  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.43 | 112  | 547479   | 48.478  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 205193   | 49.401  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.51 | 91   | 992092   | 49.192  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 738529   | 101.126 | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 363127   | 51.337  | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 615061   | 53.718  | ug/l   | 100      |
| 71) Bromoform                  | 12.13 | 173  | 126094   | 52.963  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 946551   | 42.707  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 308493   | 49.444  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 244395   | 41.209  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 286999   | 63.898  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 241291   | 43.668  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 1063285  | 44.402  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 660009   | 44.188  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 792760   | 44.322  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 49579    | 44.141  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 642409   | 46.100  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 670123   | 44.363  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 791769   | 46.710  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 856884   | 44.519  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 759555   | 45.997  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 399162   | 47.526  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 384609   | 48.022  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.61 | 91   | 613687   | 50.061  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.87 | 117  | 120664   | 44.908  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 391568   | 46.338  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 32734    | 44.822  | ug/l   | 90       |

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Operator : JC/SP  
Sample : VSTDCCC050EC  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 35 Sample Multiplier: 1

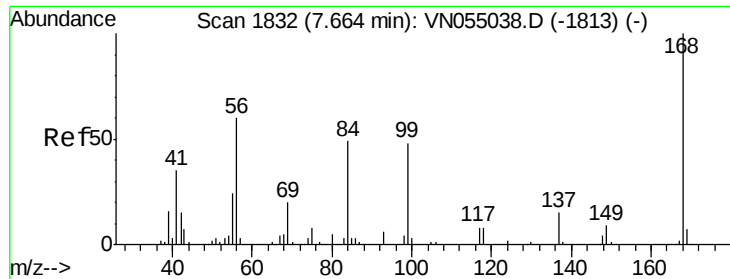
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Apr 16 05:56:35 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N041519W.M  
Quant Title : SW846 8260  
QLast Update : Mon Apr 15 12:28:28 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 176915   | 46.389 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 122435   | 46.909 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 392469   | 44.178 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 178908   | 54.881 | ug/l  | 100      |

(#) = 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: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

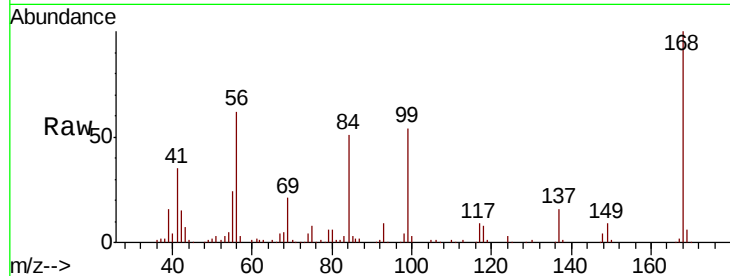
VSTDCCC050EC

Tot Ion:168 Resp: 379135

Ion Ratio Lower Upper

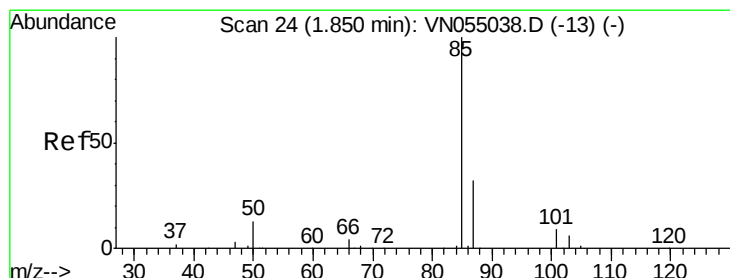
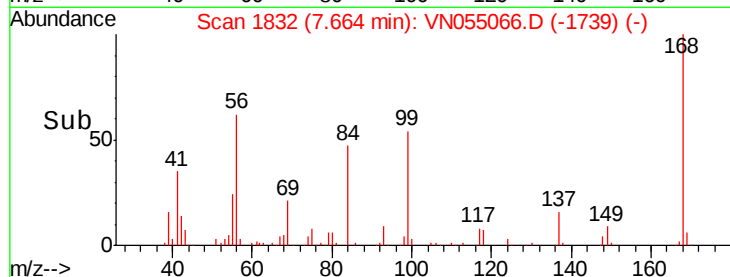
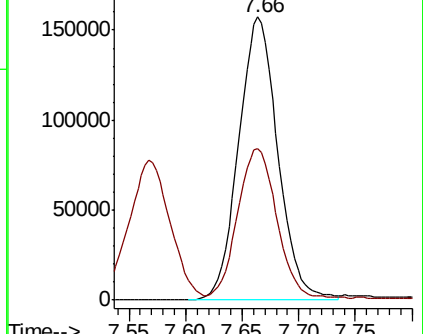
168 100

99 52.8 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 49.148 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055066.D

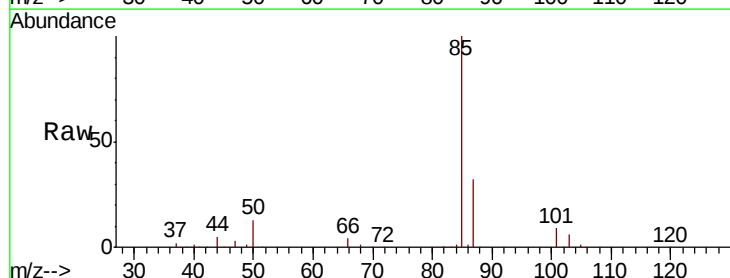
Acq: 16 Apr 2019 1:44

Tgt Ion: 85 Resp: 211766

Ion Ratio Lower Upper

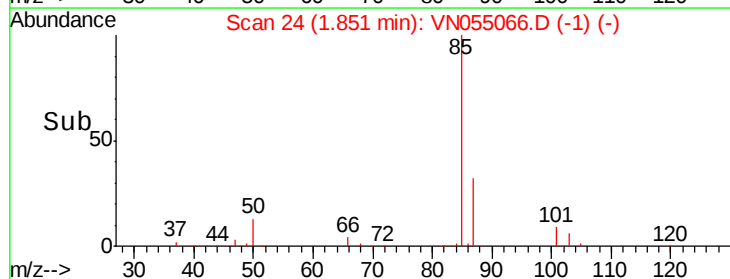
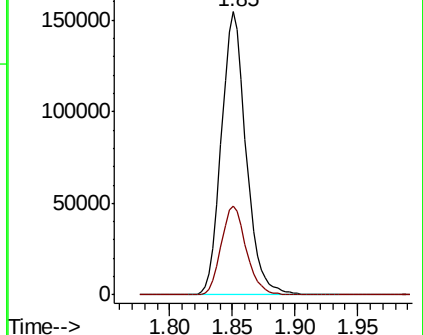
85 100

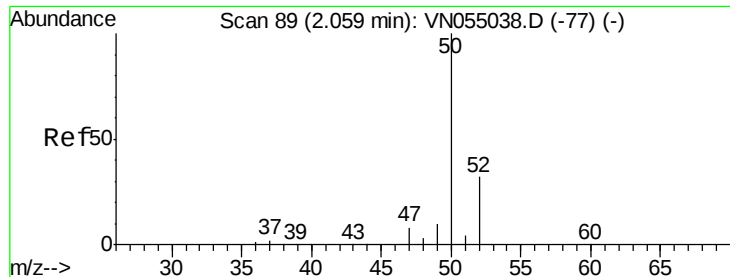
87 31.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 49.536 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

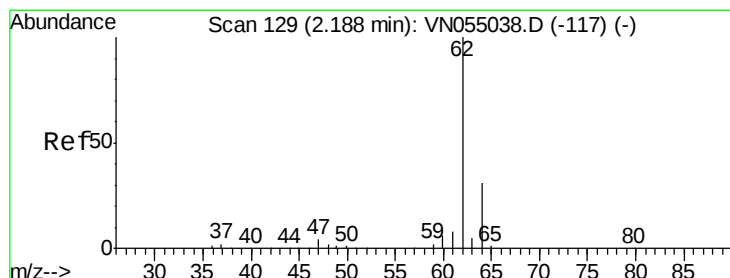
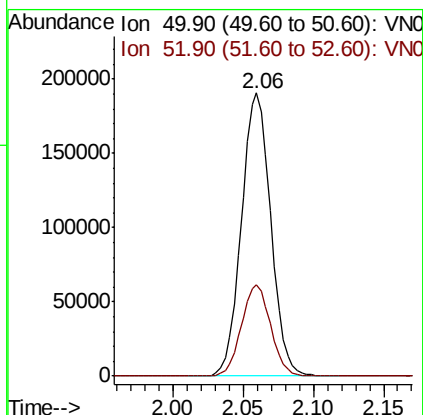
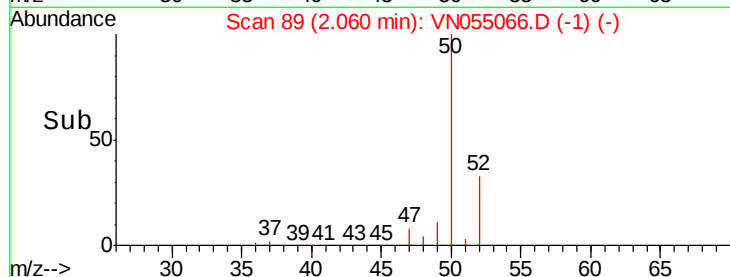
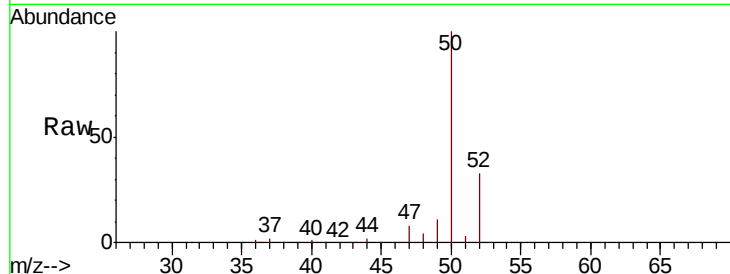
VSTDCCC050EC

Tot Ion: 50 Resp: 278385

Ion Ratio Lower Upper

50 100

52 32.5 26.6 40.0



#4

Vinyl Chloride

Concen: 48.550 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055066.D

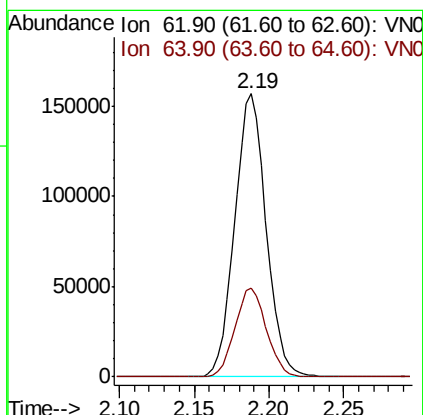
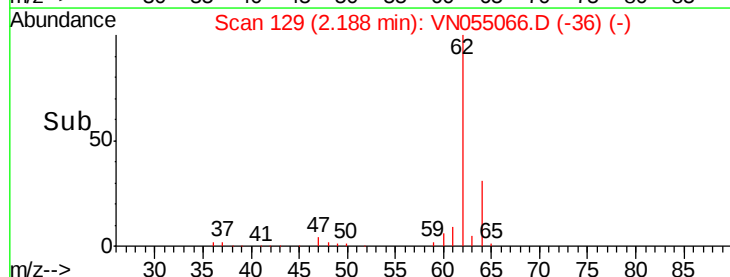
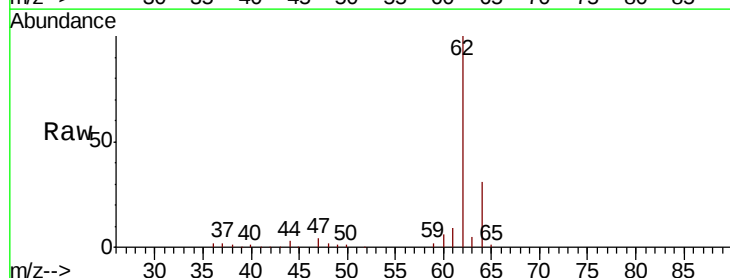
Acq: 16 Apr 2019 1:44

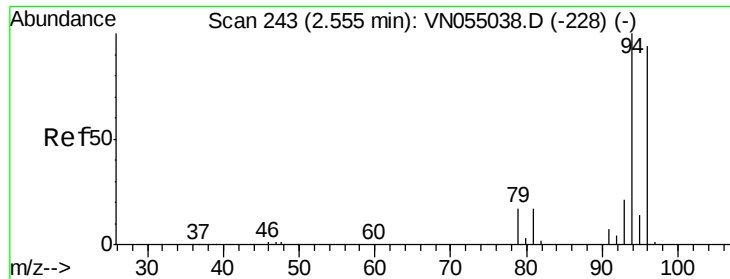
Tgt Ion: 62 Resp: 229330

Ion Ratio Lower Upper

62 100

64 31.4 25.8 38.6

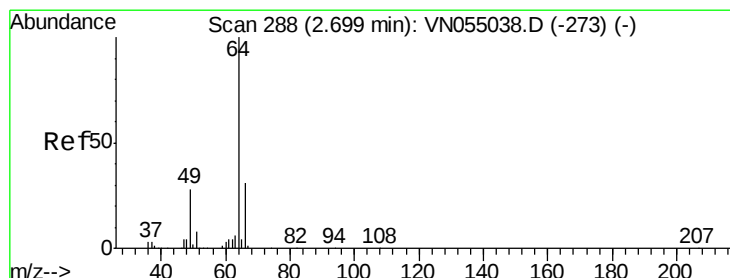
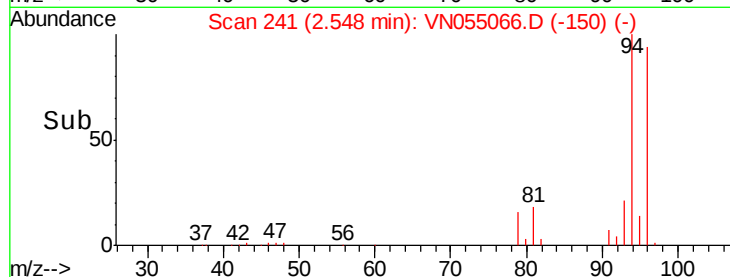
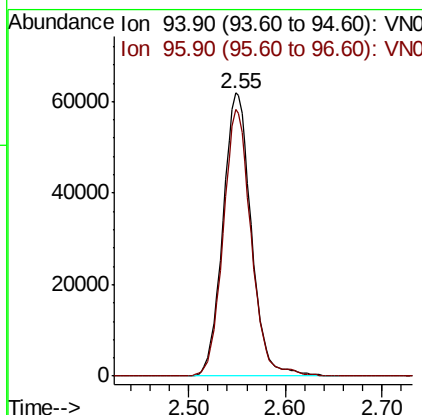
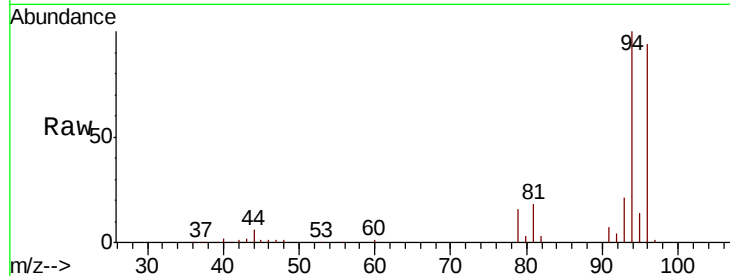




#5  
Bromomethane  
Concen: 47.088 ug/l  
RT: 2.55 min Scan# 241  
Delta R.T. -0.01 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

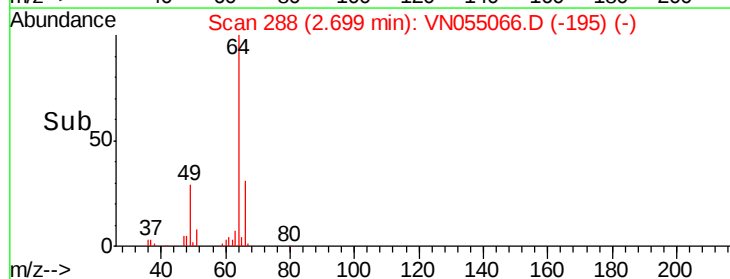
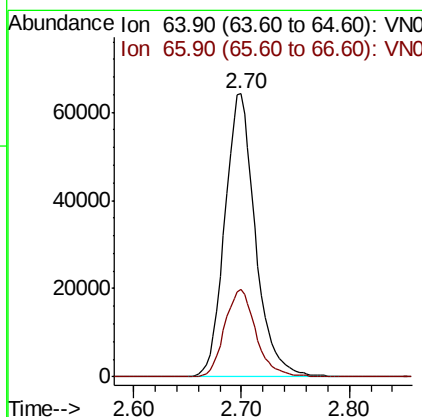
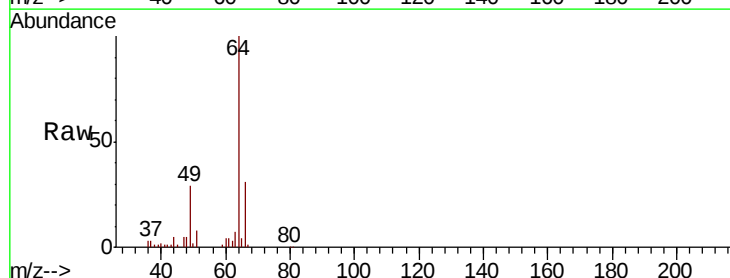
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

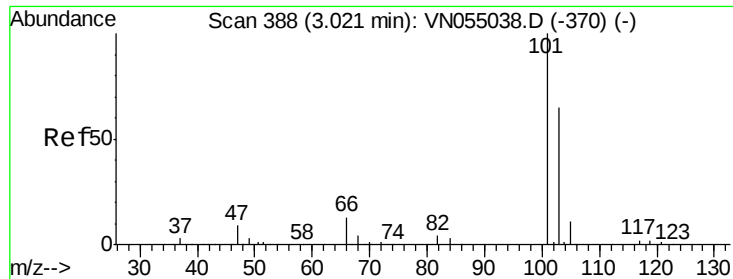
Tot Ion: 94 Resp: 125830  
Ion Ratio Lower Upper  
94 100  
96 94.1 76.2 114.4



#6  
Chloroethane  
Concen: 49.798 ug/l  
RT: 2.70 min Scan# 288  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion: 64 Resp: 126851  
Ion Ratio Lower Upper  
64 100  
66 30.9 26.6 40.0



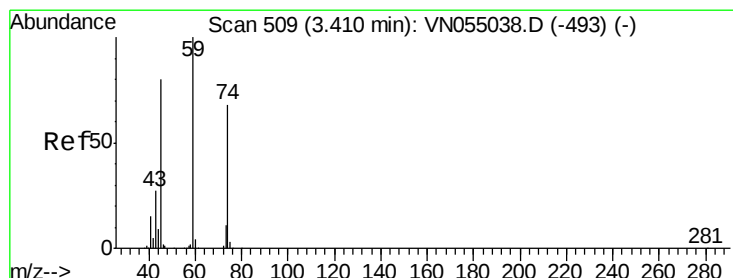
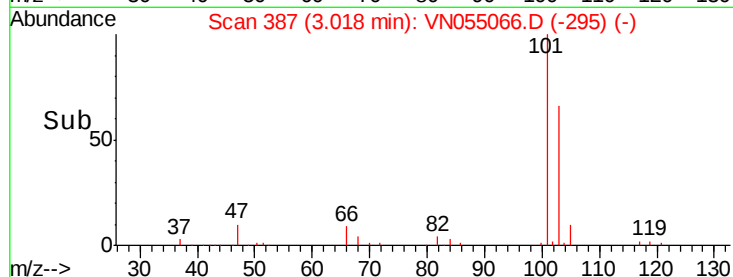
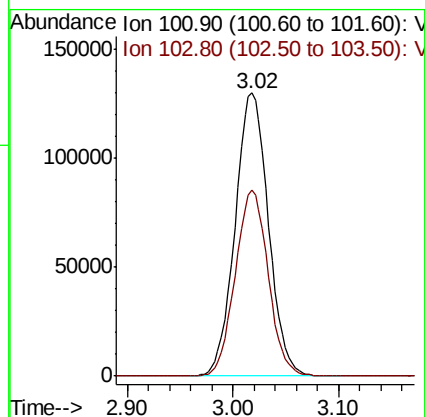
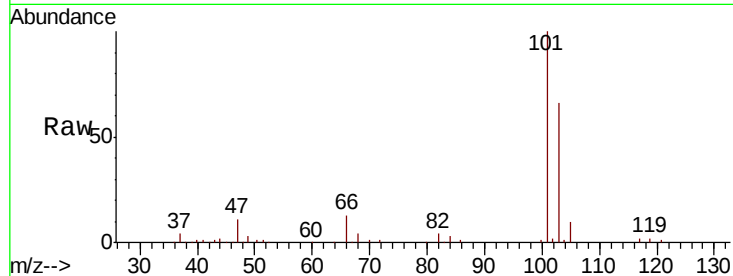


#7

Trichlorofluoromethane  
Concen: 48.225 ug/l  
RT: 3.02 min Scan# 387  
Delta R.T. -0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

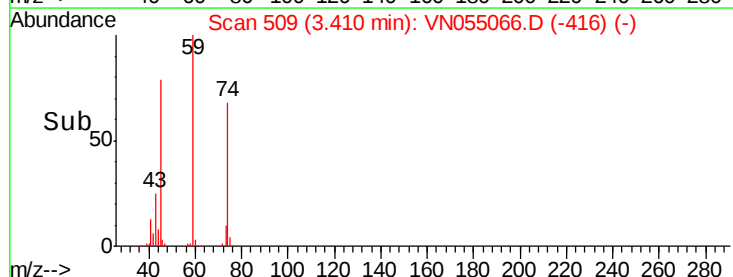
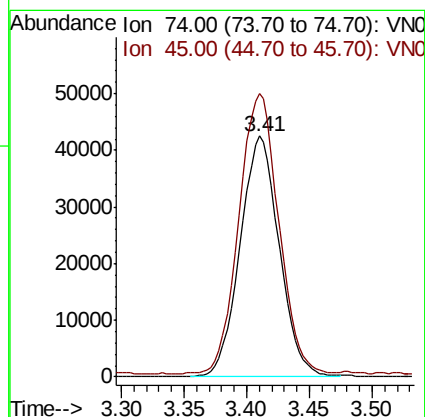
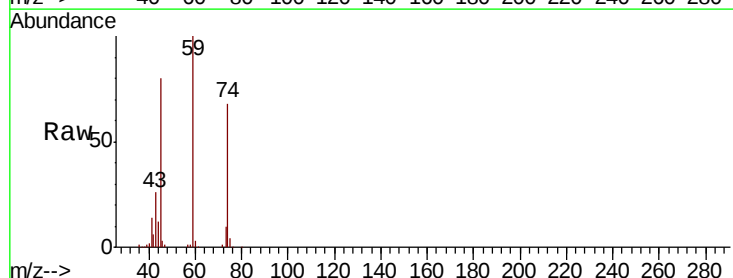
Tot Ion:101 Resp: 284885  
Ion Ratio Lower Upper  
101 100  
103 65.5 52.5 78.7

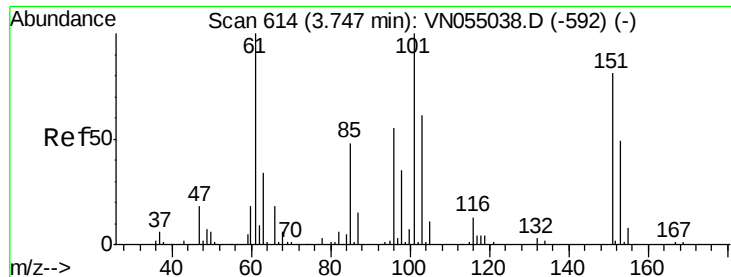


#8

Diethyl Ether  
Concen: 48.927 ug/l  
RT: 3.41 min Scan# 509  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion: 74 Resp: 92261  
Ion Ratio Lower Upper  
74 100  
45 118.5 55.7 167.1

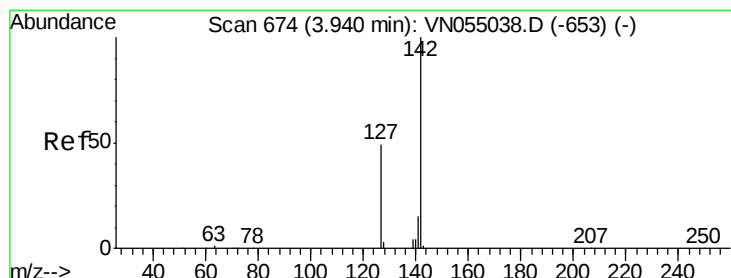
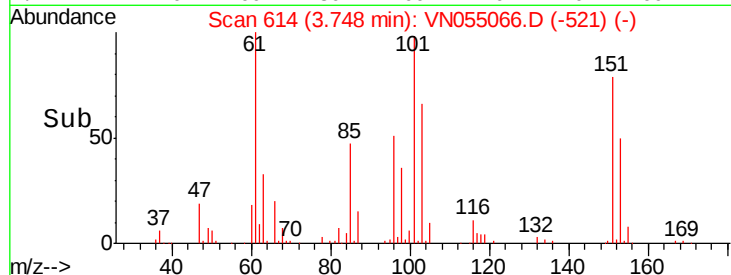
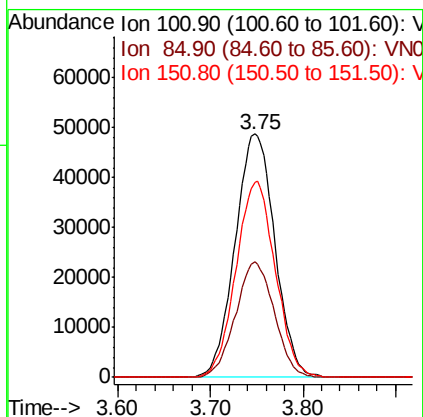
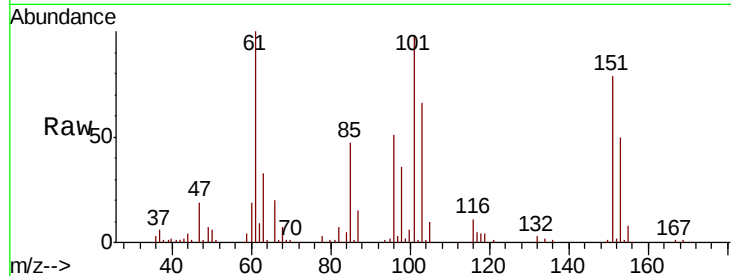




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 46.864 ug/l  
 RT: 3.75 min Scan# 614  
 Delta R.T. 0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

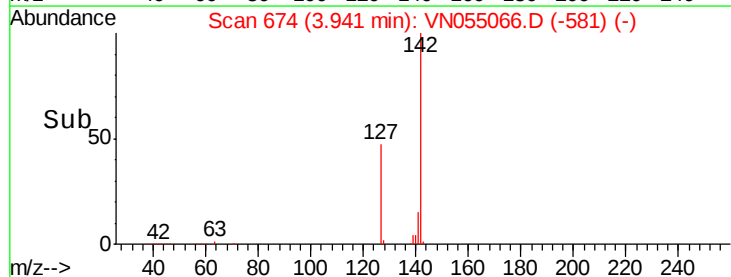
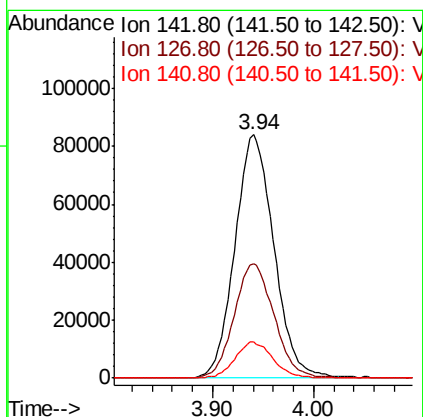
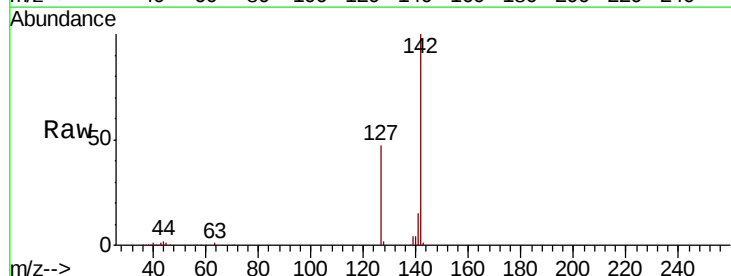
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

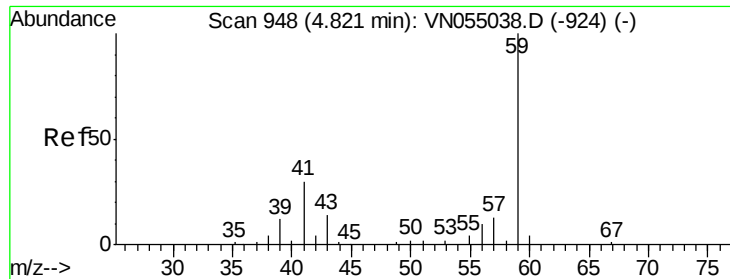
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 46.3  | 36.9  | 55.3  |
| 151     | 79.5  | 64.4  | 96.6  |



#10  
 Methyl Iodide  
 Concen: 46.991 ug/l  
 RT: 3.94 min Scan# 674  
 Delta R.T. 0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 48.0  | 37.9  | 56.9  |
| 141     | 14.6  | 11.8  | 17.8  |

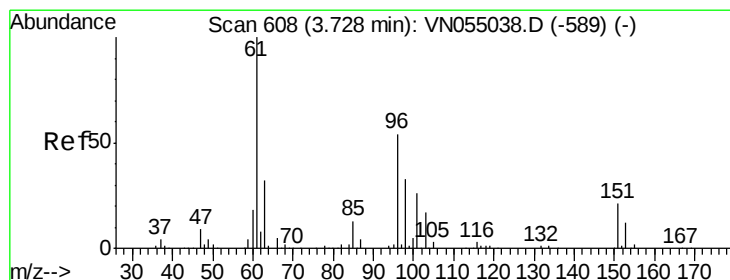
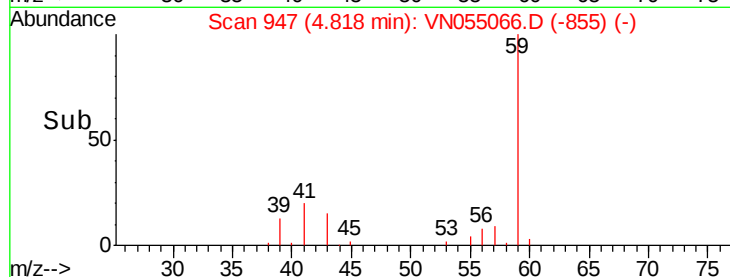
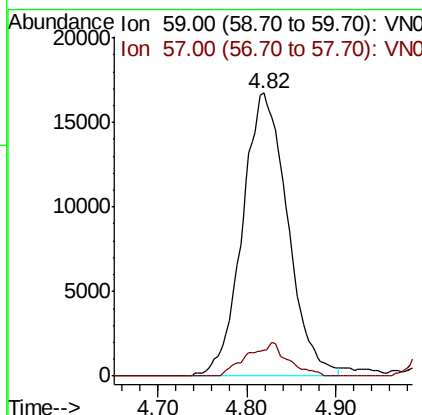
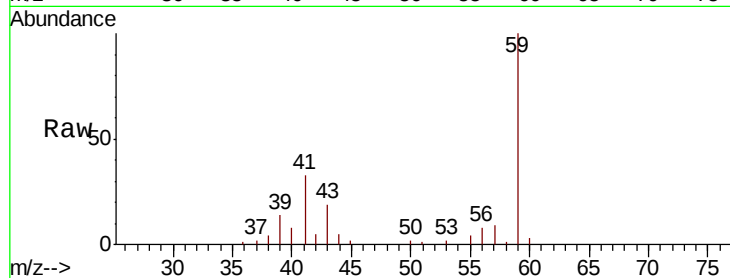




#11  
Tert butyl alcohol  
Concen: 212.930 ug/l  
RT: 4.82 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

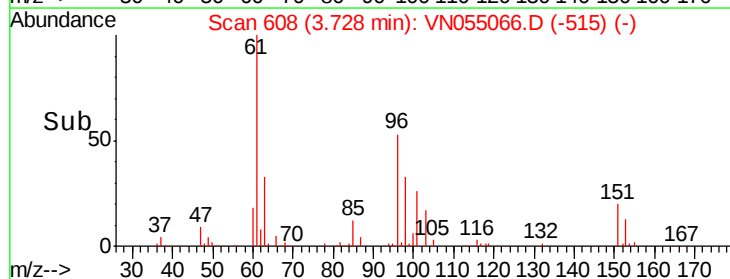
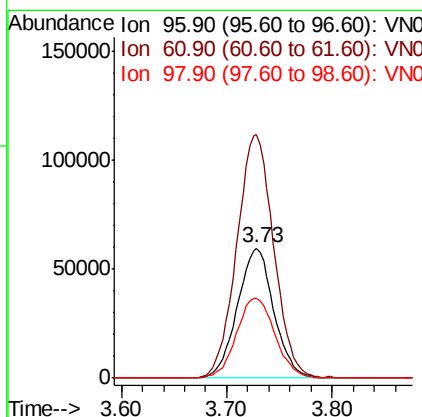
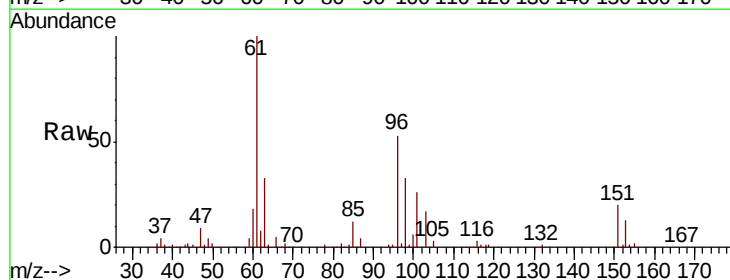
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

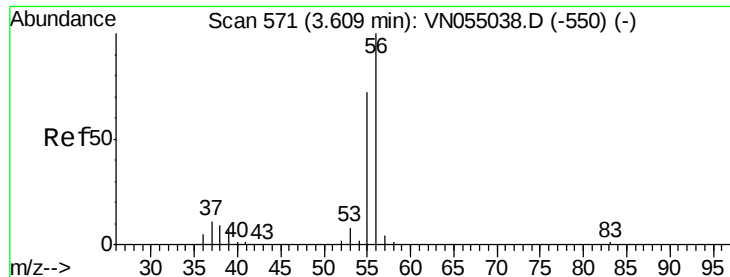
Tot Ion: 59 Resp: 58820  
Ion Ratio Lower Upper  
59 100  
57 10.7 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 47.592 ug/l  
RT: 3.73 min Scan# 608  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion: 96 Resp: 143214  
Ion Ratio Lower Upper  
96 100  
61 187.1 154.2 231.4  
98 61.3 52.9 79.3





#13

Acrolein

Concen: 225.340 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

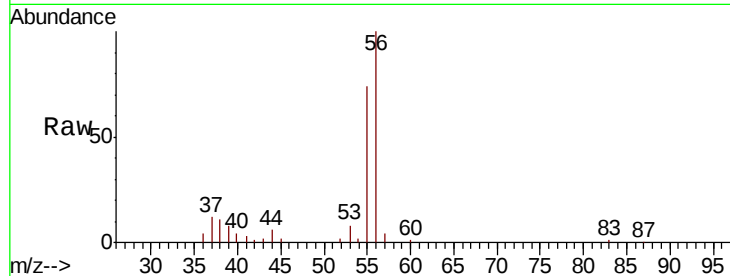
VSTDCCC050EC

Tot Ion: 56 Resp: 76942

Ion Ratio Lower Upper

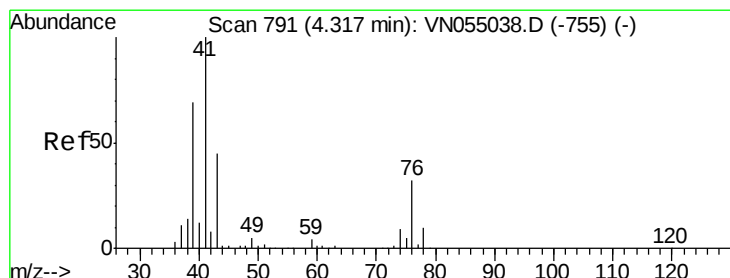
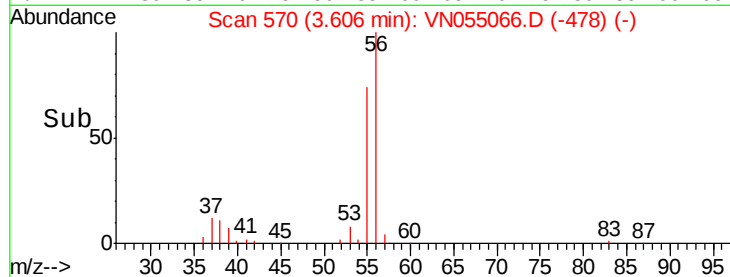
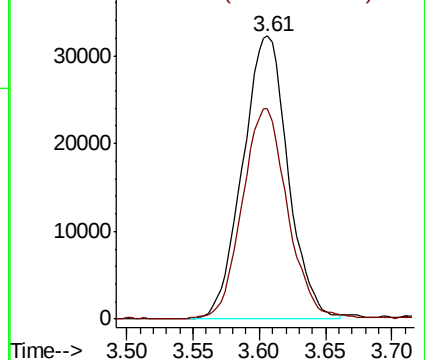
56 100

55 74.4 59.5 89.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.739 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

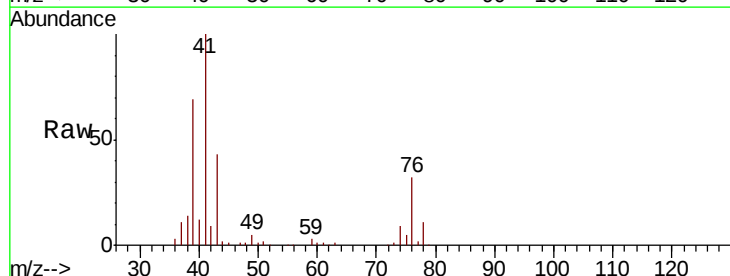
Tgt Ion: 41 Resp: 366372

Ion Ratio Lower Upper

41 100

39 66.0 52.7 79.1

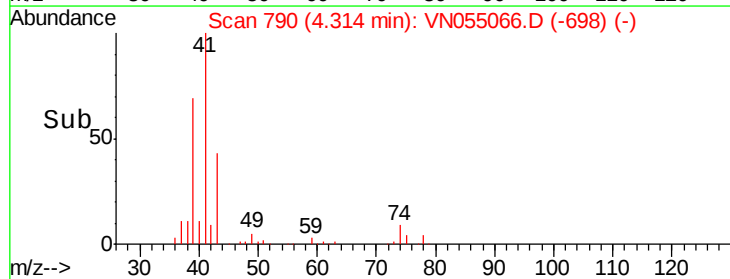
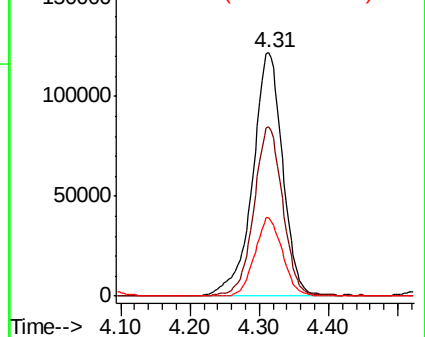
76 29.6 23.2 34.8

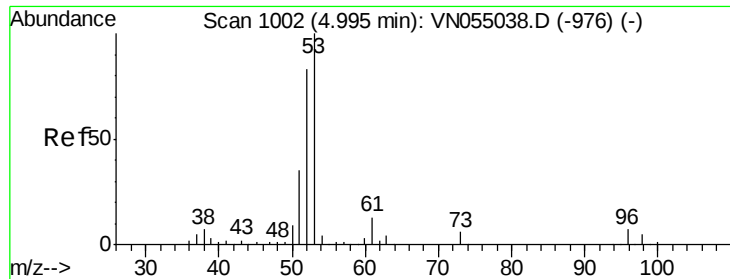


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

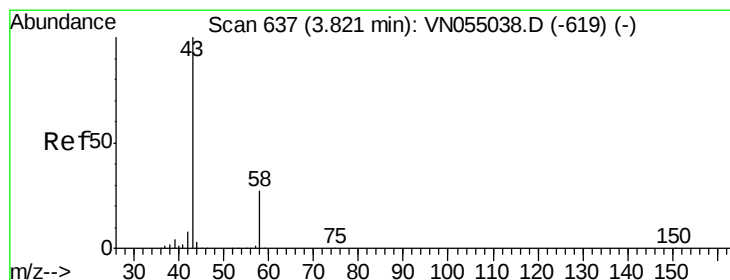
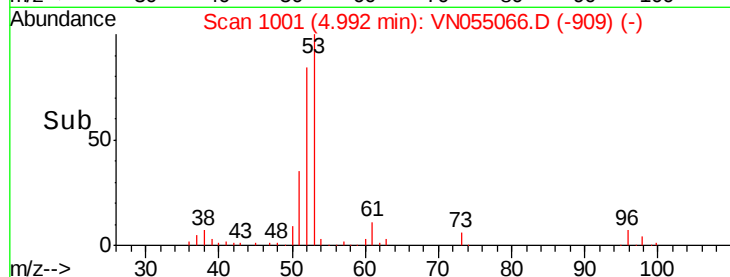
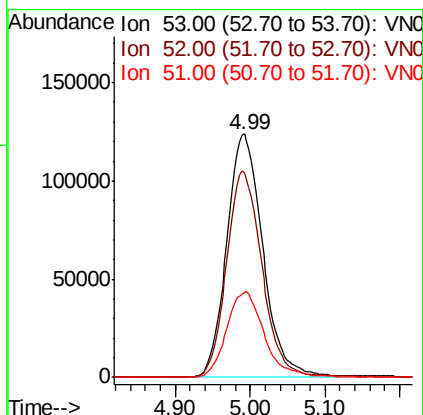
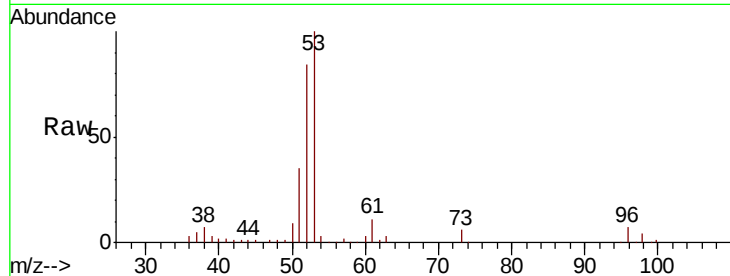




#15  
 Acrylonitrile  
 Concen: 250.639 ug/l  
 RT: 4.99 min Scan# 1001  
 Delta R.T. -0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

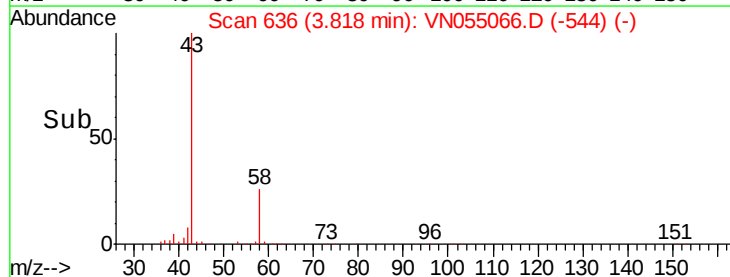
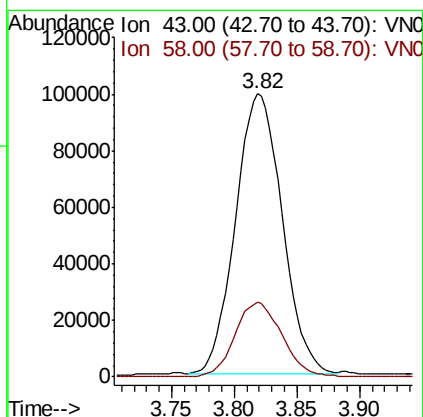
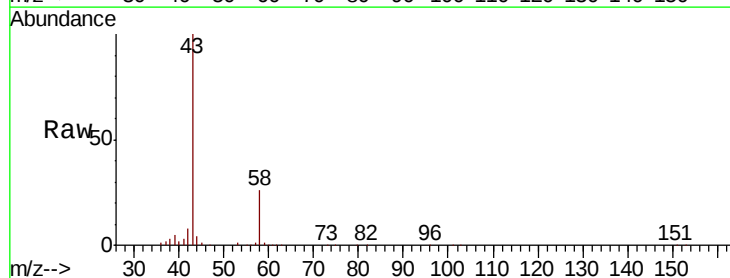
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

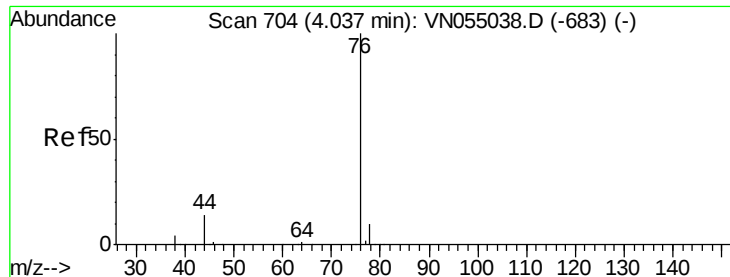
Tot Ion: 53 Resp: 414243  
 Ion Ratio Lower Upper  
 53 100  
 52 83.8 65.9 98.9  
 51 36.5 29.7 44.5



#16  
 Acetone  
 Concen: 187.048 ug/l  
 RT: 3.82 min Scan# 636  
 Delta R.T. -0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

Tgt Ion: 43 Resp: 255854  
 Ion Ratio Lower Upper  
 43 100  
 58 26.4 20.9 31.3

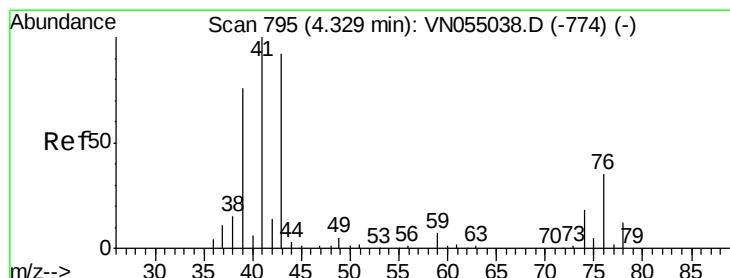
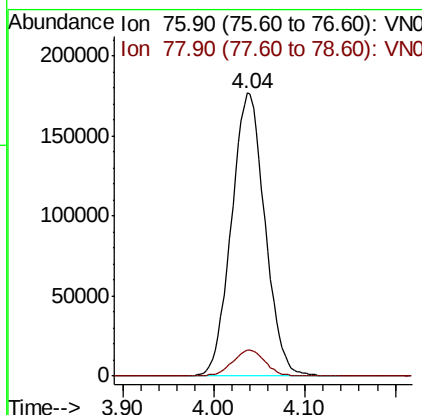
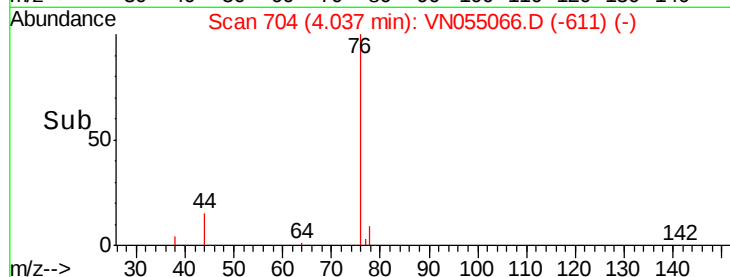
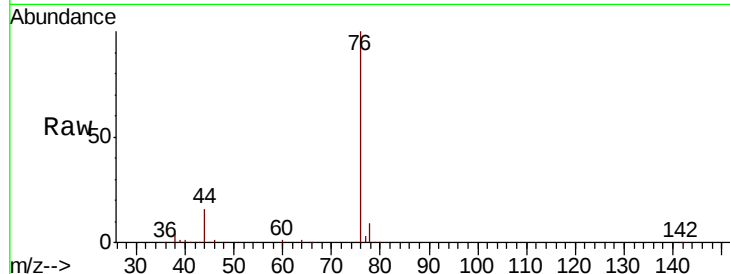




#17  
Carbon Disulfide  
Concen: 46.627 ug/l  
RT: 4.04 min Scan# 704  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

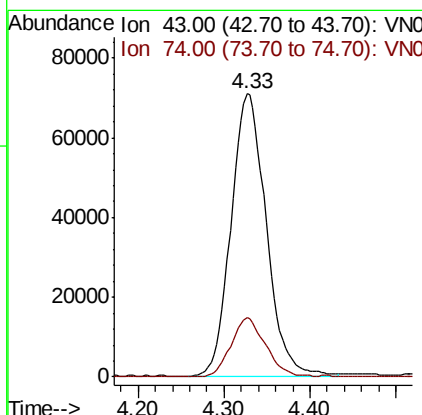
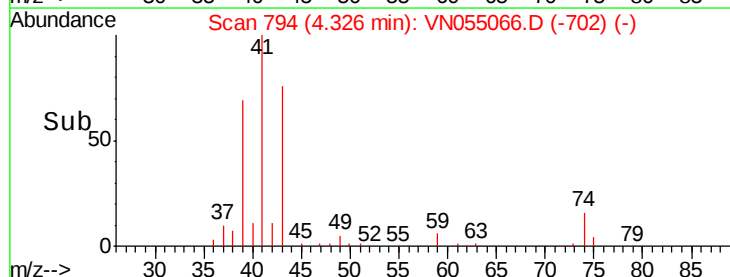
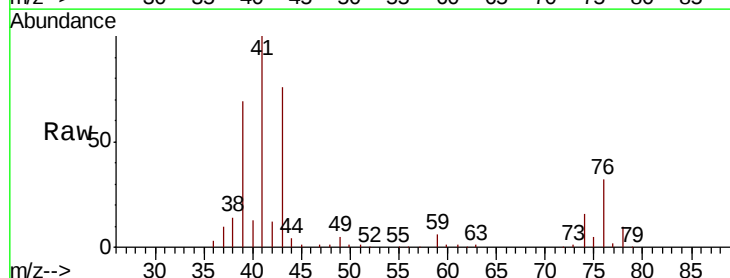
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

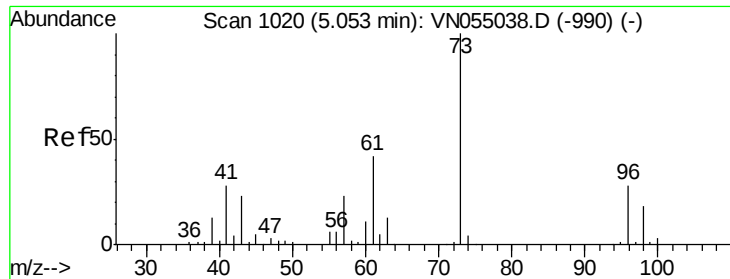
Tot Ion: 76 Resp: 452934  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.2 10.8



#18  
Methyl Acetate  
Concen: 50.978 ug/l  
RT: 4.33 min Scan# 794  
Delta R.T. -0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion: 43 Resp: 200937  
Ion Ratio Lower Upper  
43 100  
74 20.6 16.1 24.1

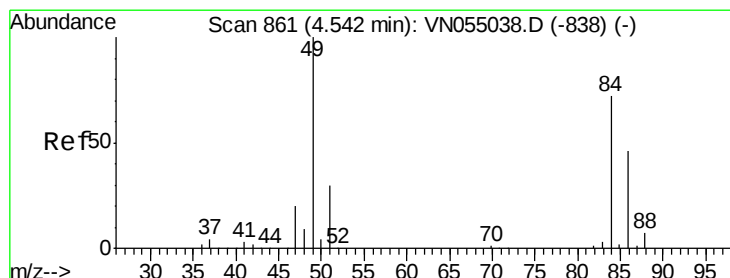
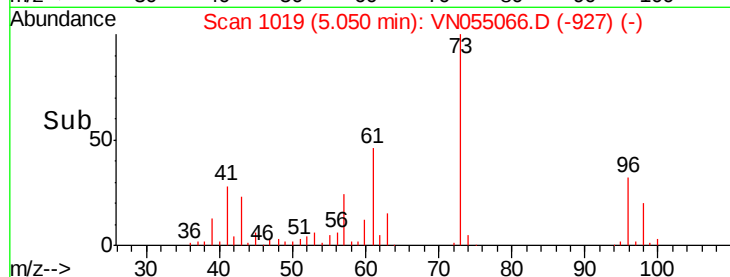
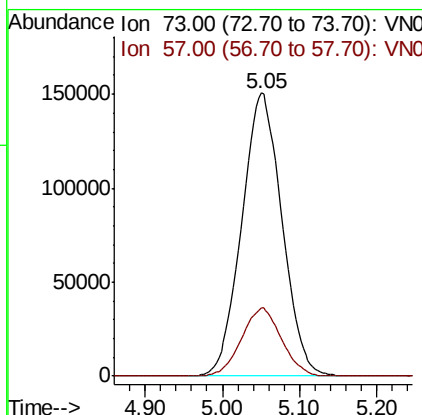
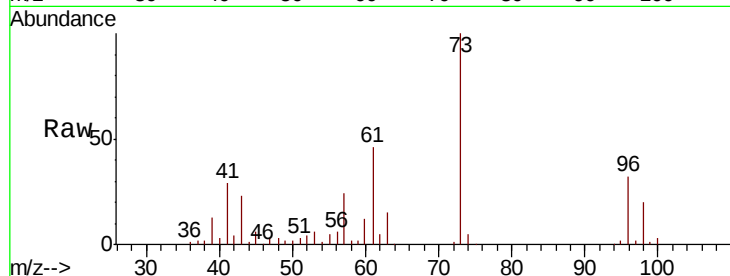




#19  
Methyl tert-butyl Ether  
Concen: 50.731 ug/l  
RT: 5.05 min Scan# 1019  
Delta R.T. -0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

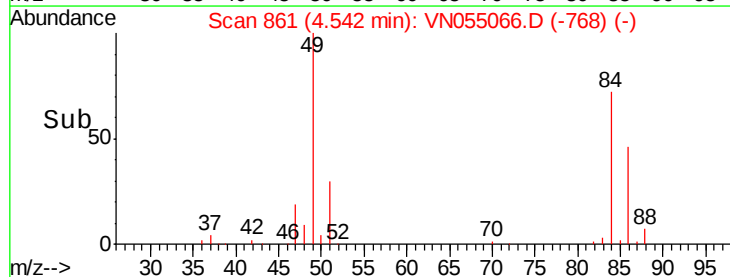
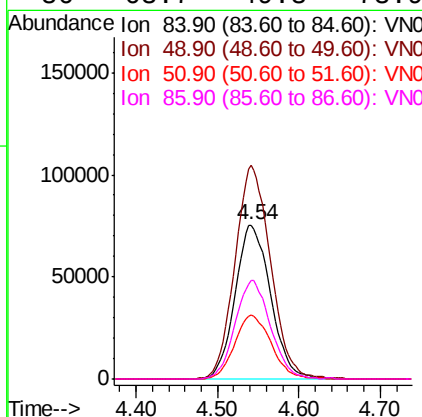
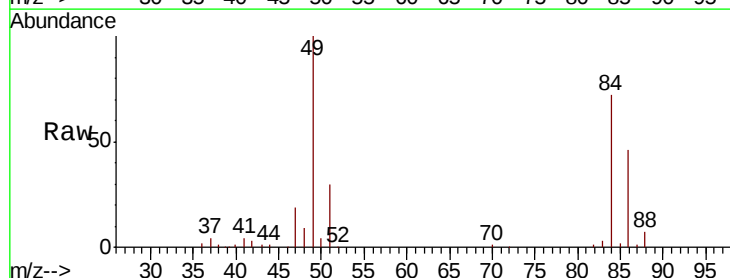
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

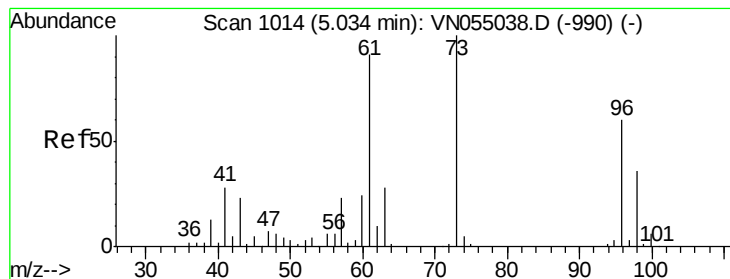
Tot Ion: 73 Resp: 546103  
Ion Ratio Lower Upper  
73 100  
57 24.0 19.0 28.4



#20  
Methylene Chloride  
Concen: 47.402 ug/l  
RT: 4.54 min Scan# 861  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion: 84 Resp: 227930  
Ion Ratio Lower Upper  
84 100  
49 138.6 109.4 164.2  
51 41.2 32.2 48.4  
86 63.7 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 49.641 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

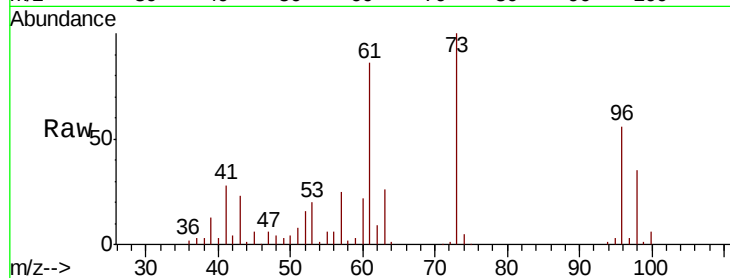
Tot Ion: 96 Resp: 202038

Ion Ratio Lower Upper

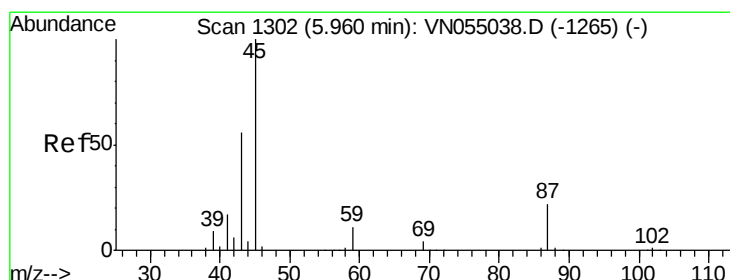
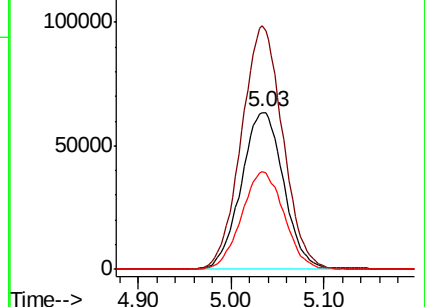
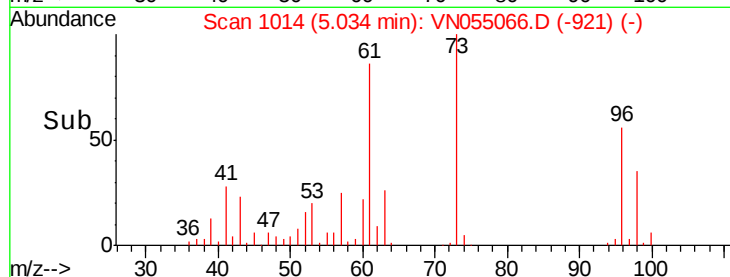
96 100

61 155.0 114.9 172.3

98 62.6 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VN055066.D (-921) (-)



#22

Diisopropyl ether

Concen: 51.785 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Tgt Ion: 45 Resp: 784142

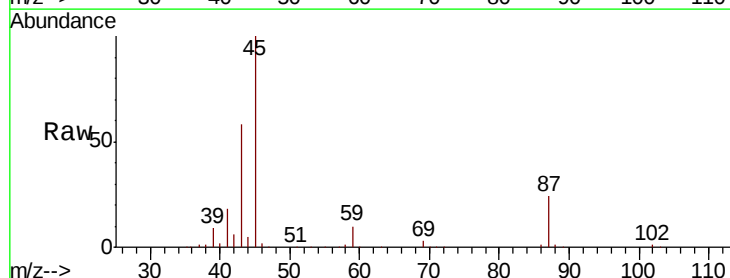
Ion Ratio Lower Upper

45 100

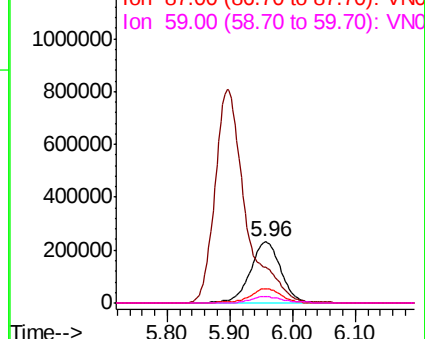
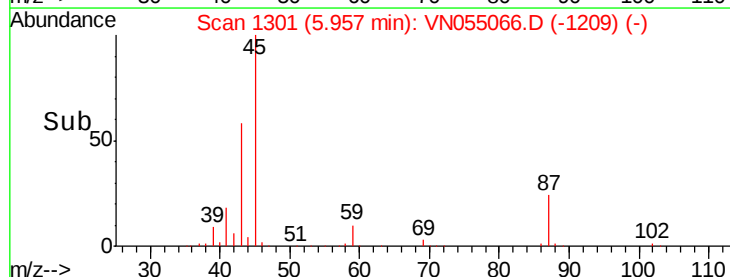
43 57.2 44.8 67.2

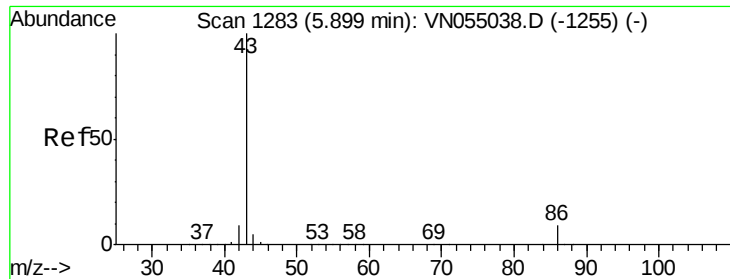
87 23.9 18.9 28.3

59 10.2 7.9 11.9



Abundance Ion 45.00 (44.70 to 45.70): VN055066.D (-1209) (-)

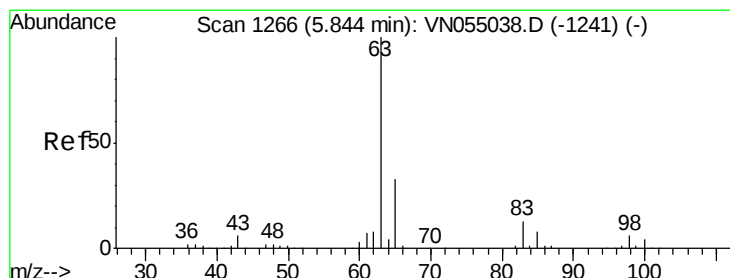
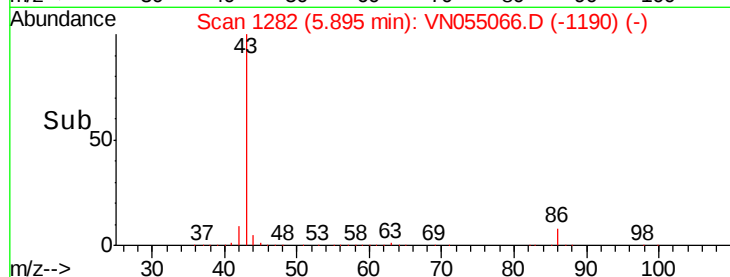
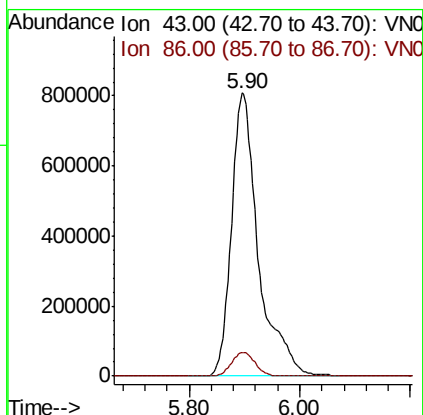
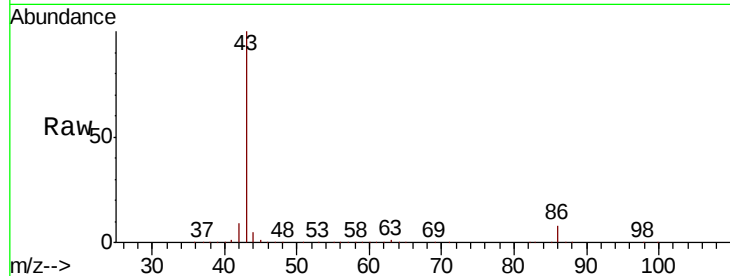




#23  
 Vinyl Acetate  
 Concen: 273.892 ug/l  
 RT: 5.90 min Scan# 1282  
 Delta R.T. -0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

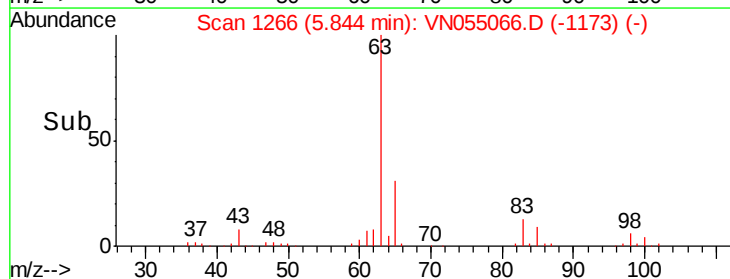
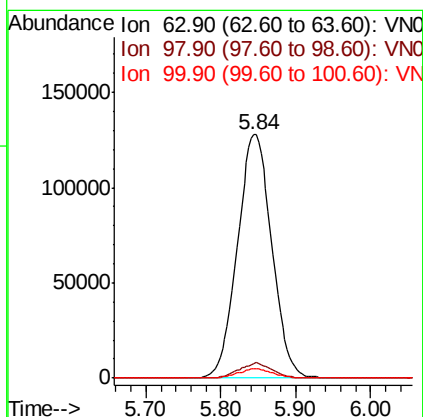
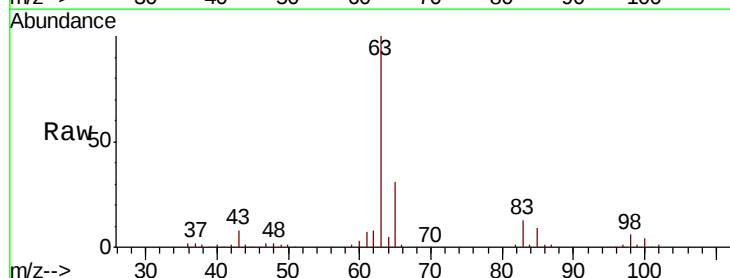
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

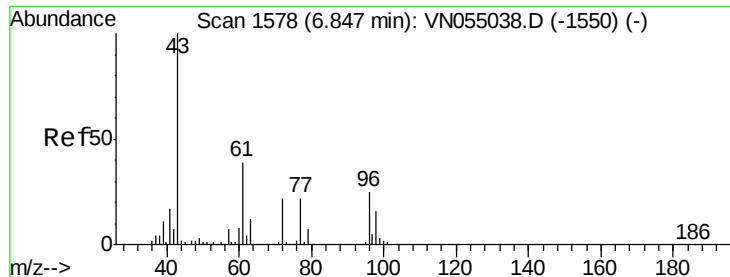
Tot Ion: 43 Resp: 2741316  
 Ion Ratio Lower Upper  
 43 100  
 86 8.5 7.0 10.4



#24  
 1,1-Dichloroethane  
 Concen: 50.548 ug/l  
 RT: 5.84 min Scan# 1266  
 Delta R.T. 0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

Tgt Ion: 63 Resp: 407598  
 Ion Ratio Lower Upper  
 63 100  
 98 5.9 2.8 8.4  
 100 3.7 2.0 5.8

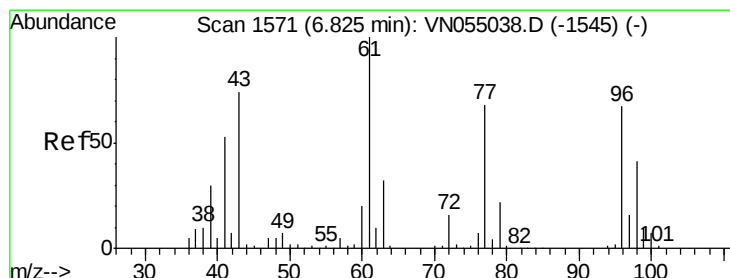
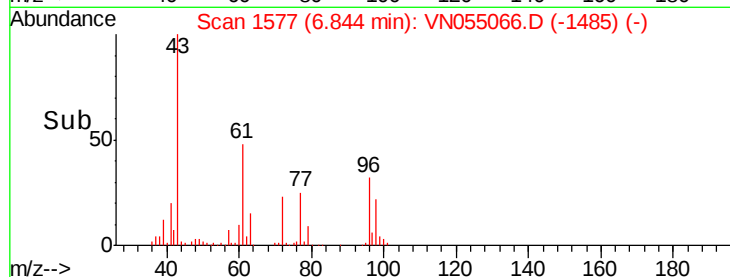
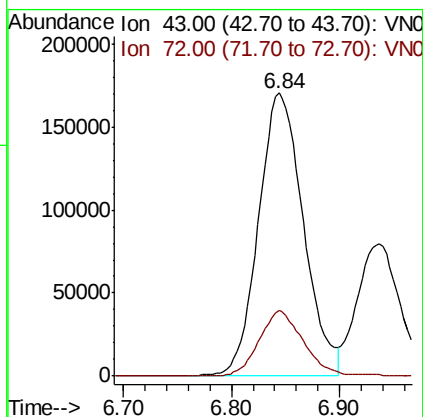
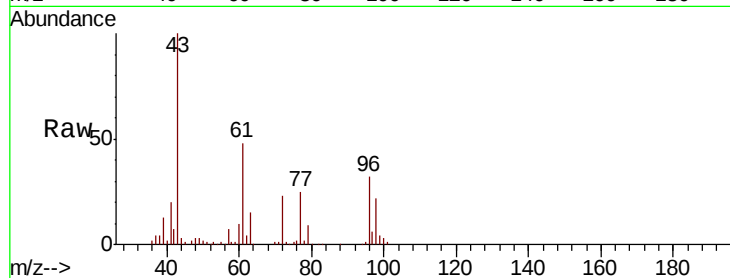




#25  
2-Butanone  
Concen: 239.473 ug/l  
RT: 6.84 min Scan# 1577  
Delta R.T. -0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

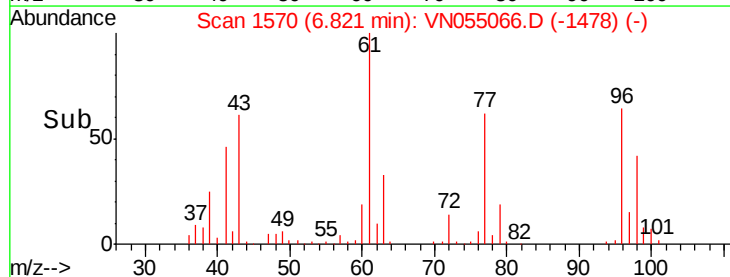
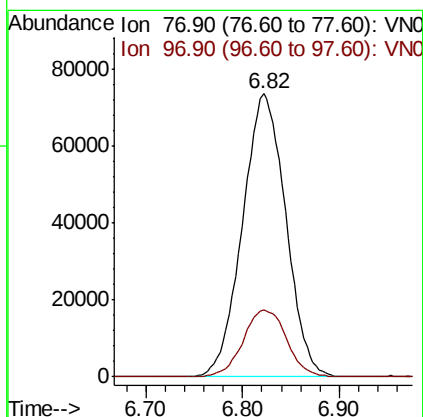
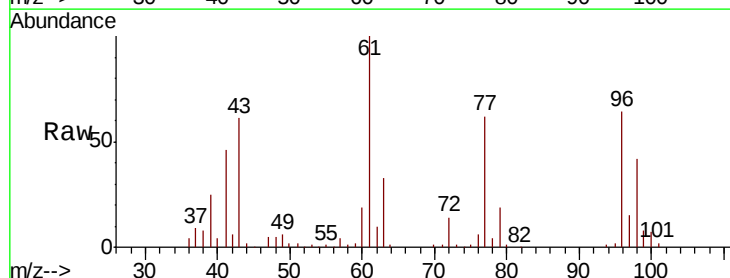
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

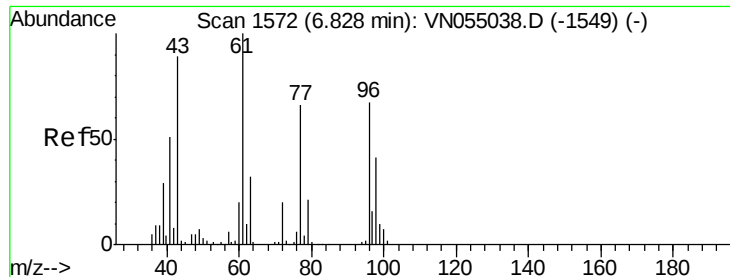
Tot Ion: 43 Resp: 488884  
Ion Ratio Lower Upper  
43 100  
72 23.2 18.1 27.1



#26  
2,2-Dichloropropane  
Concen: 45.047 ug/l  
RT: 6.82 min Scan# 1570  
Delta R.T. -0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion: 77 Resp: 229258  
Ion Ratio Lower Upper  
77 100  
97 23.9 11.3 33.9

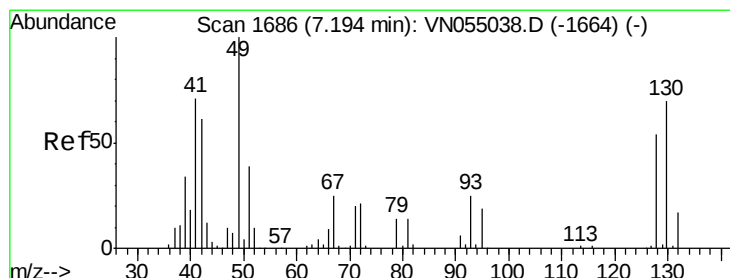
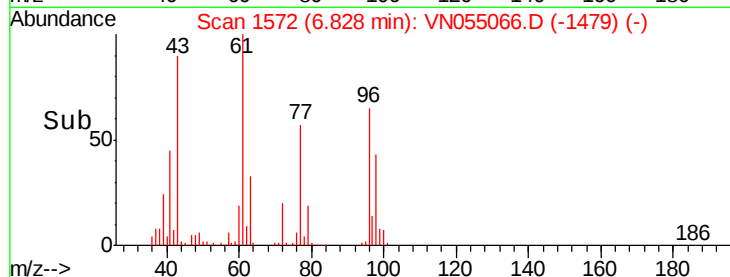
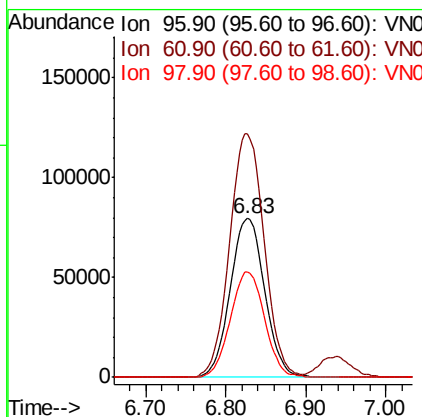
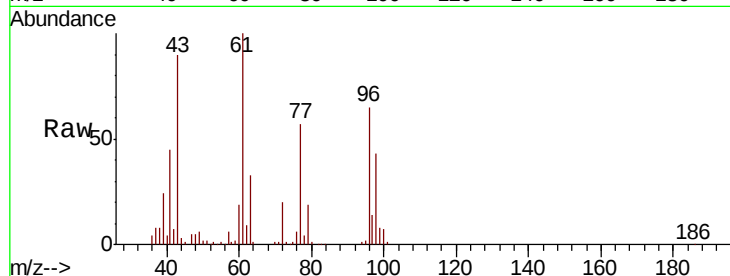




#27  
 cis-1,2-Dichloroethene  
 Concen: 50.577 ug/l  
 RT: 6.83 min Scan# 1572  
 Delta R.T. 0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

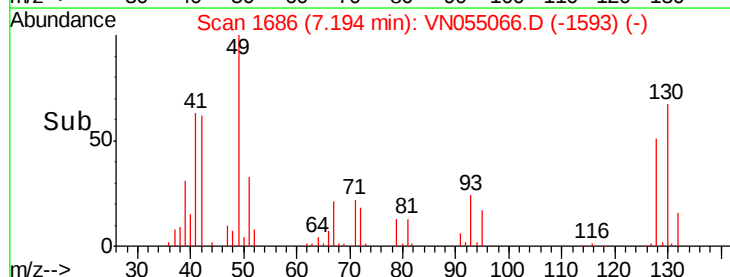
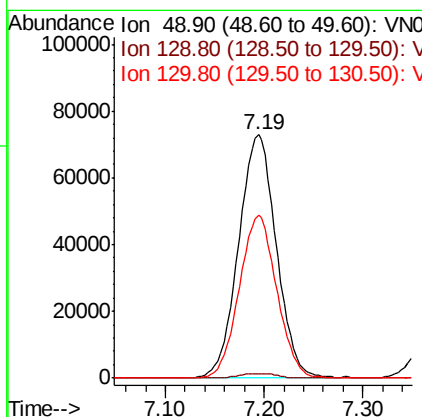
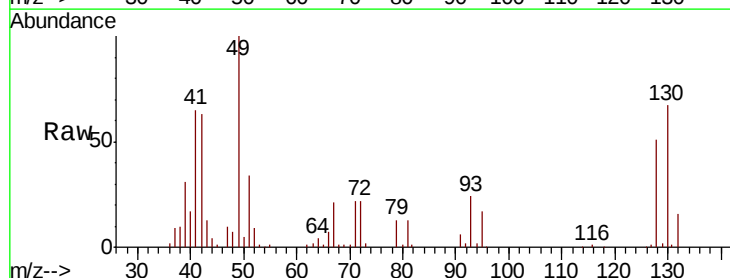
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

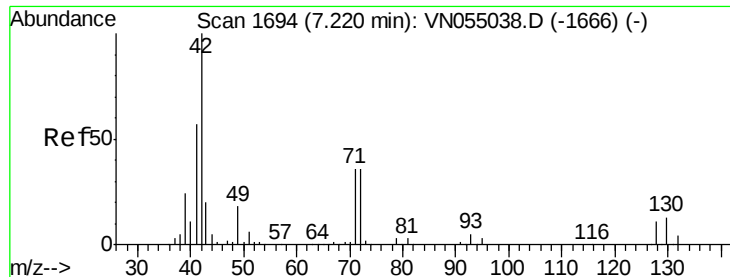
Tot Ion: 96 Resp: 232882  
 Ion Ratio Lower Upper  
 96 100  
 61 153.5 0.0 311.0  
 98 65.9 0.0 127.4



#28  
 Bromochloromethane  
 Concen: 49.665 ug/l  
 RT: 7.19 min Scan# 1686  
 Delta R.T. 0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

Tgt Ion: 49 Resp: 193048  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 2.0  
 130 66.6 53.4 80.2

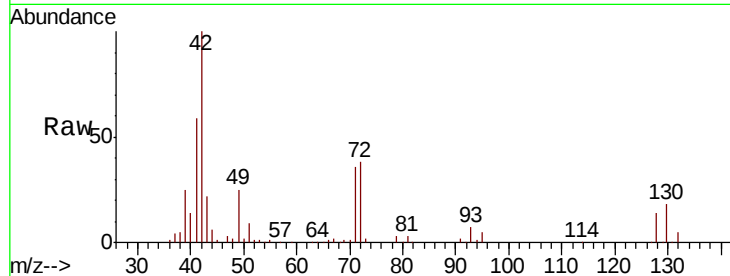




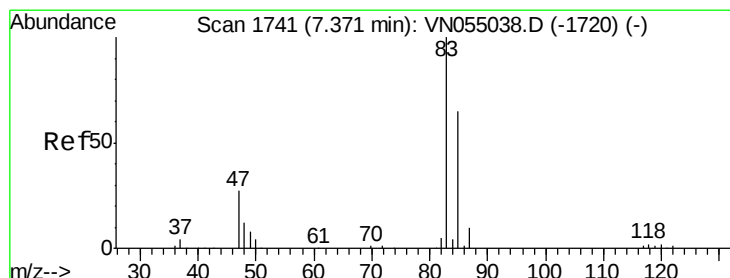
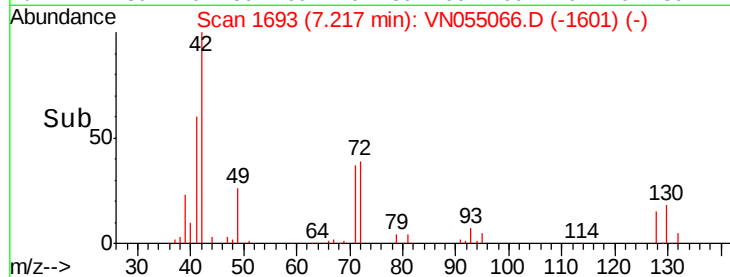
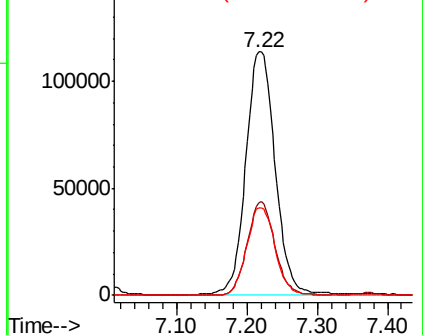
#29  
Tetrahydrofuran  
Concen: 245.877 ug/l  
RT: 7.22 min Scan# 1693  
Delta R.T. -0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 42 Resp: 329168  
Ion Ratio Lower Upper  
42 100  
72 36.4 29.4 44.0  
71 35.1 27.8 41.6

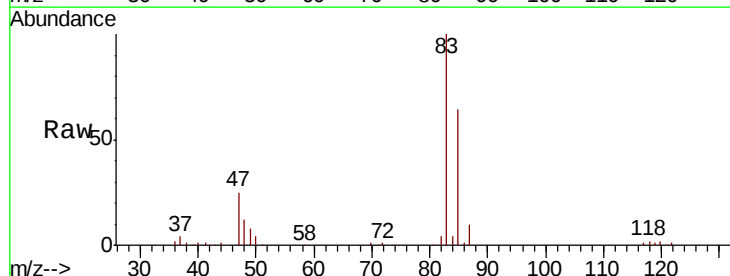


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

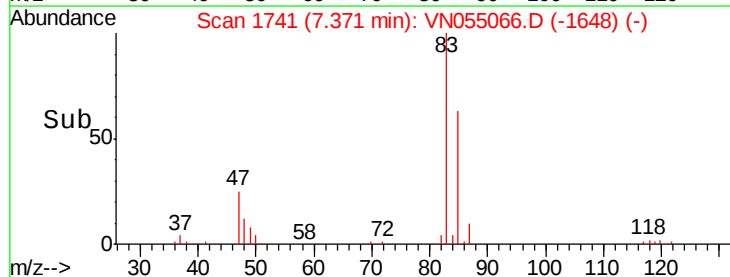
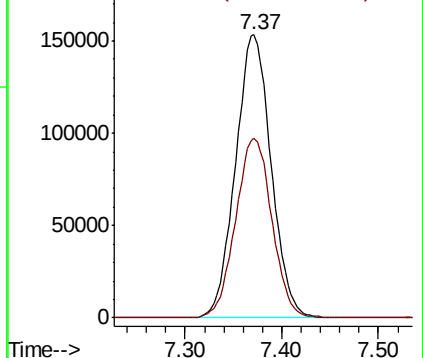


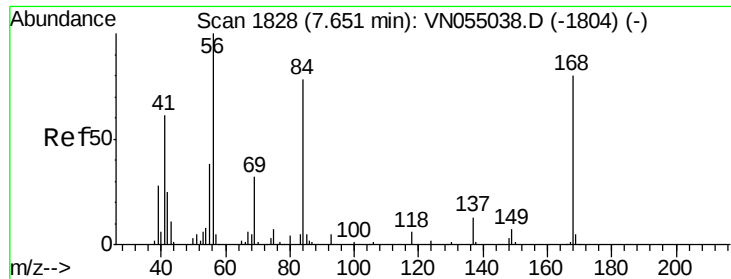
#30  
Chloroform  
Concen: 50.102 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion: 83 Resp: 392424  
Ion Ratio Lower Upper  
83 100  
85 63.6 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0

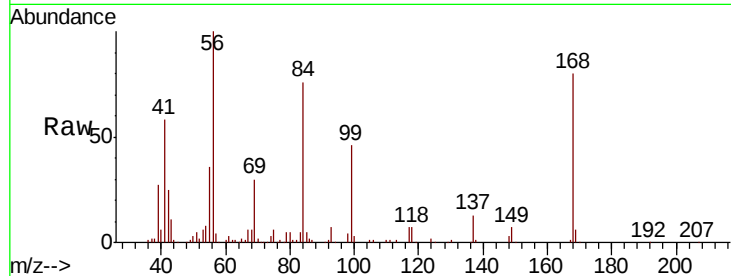




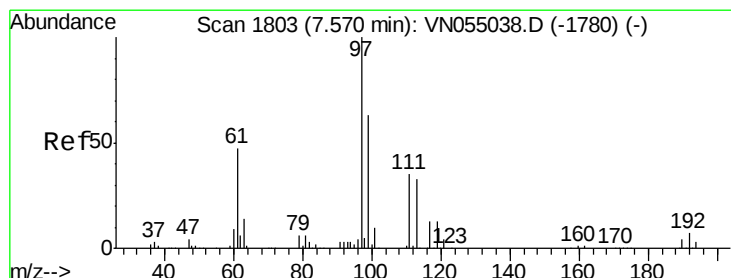
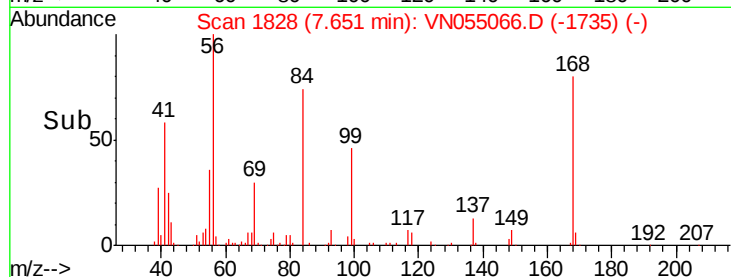
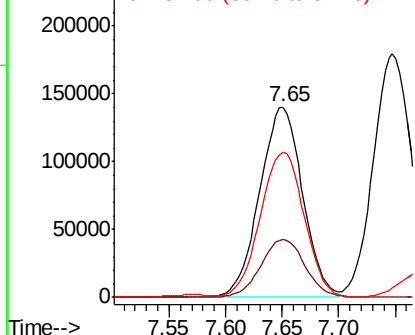
#31  
Cyclohexane  
Concen: 51.797 ug/l  
RT: 7.65 min Scan# 1828  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 56 Resp: 368939  
Ion Ratio Lower Upper  
56 100  
69 30.3 24.5 36.7  
84 75.0 62.9 94.3

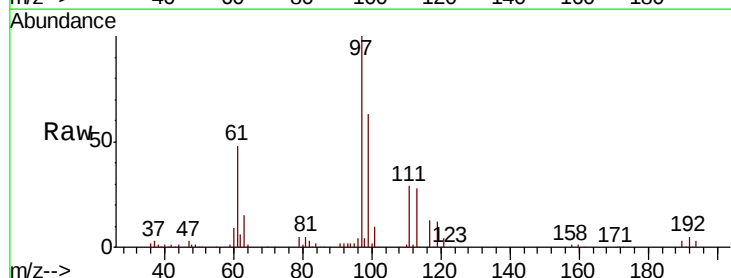


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

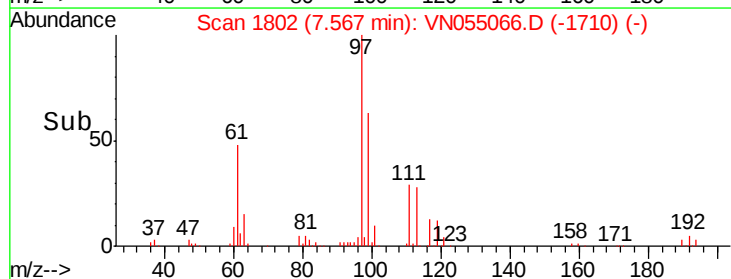
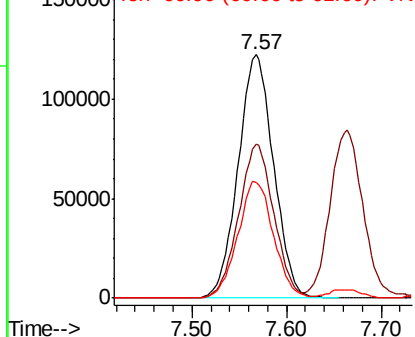


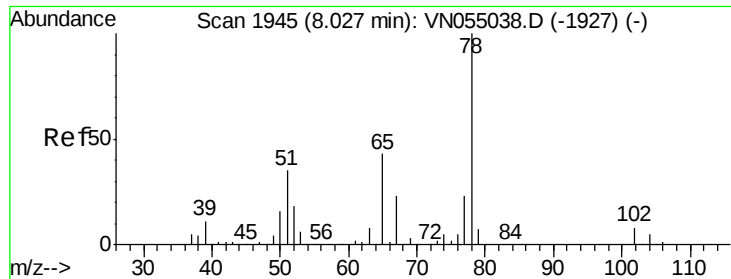
#32  
1,1,1-Trichloroethane  
Concen: 51.419 ug/l  
RT: 7.57 min Scan# 1802  
Delta R.T. -0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion: 97 Resp: 319079  
Ion Ratio Lower Upper  
97 100  
99 62.8 51.6 77.4  
61 48.2 38.3 57.5



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: 50.769 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

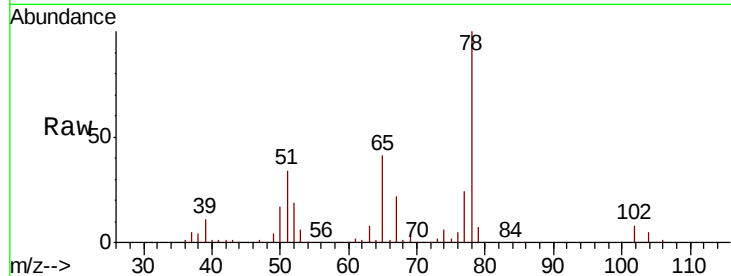
VSTDCCC050EC

Tot Ion: 65 Resp: 255857

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VN055038.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN055038.D (-1927) (-)

8.03

120000

100000

80000

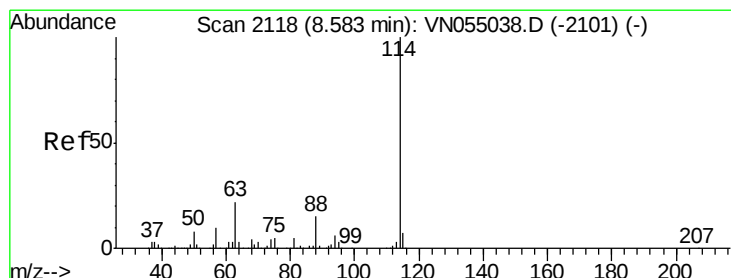
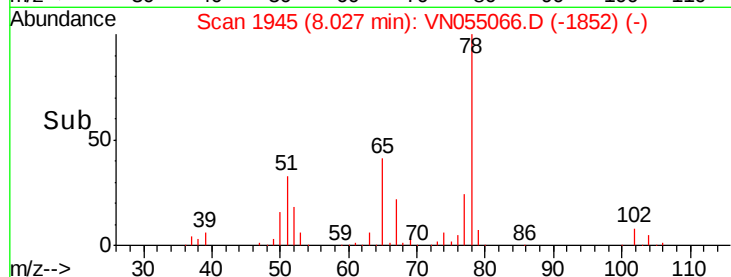
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

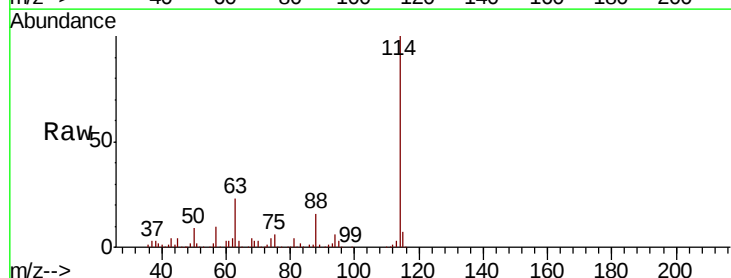
Tgt Ion: 114 Resp: 637013

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.2

88 15.8 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): VN055038.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055038.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055038.D (-2101) (-)

8.58

400000

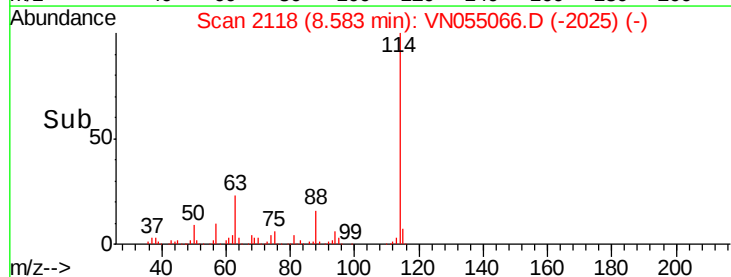
300000

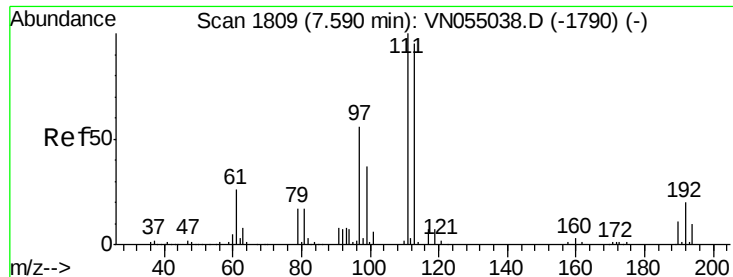
200000

100000

0

Time-->

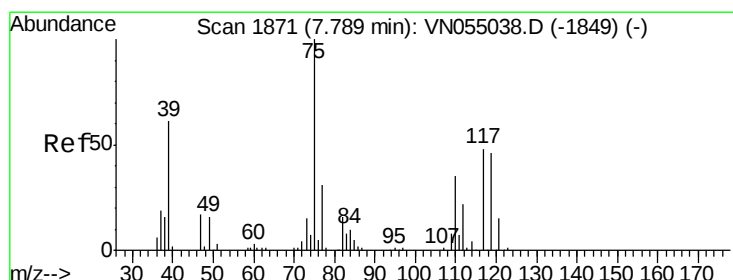
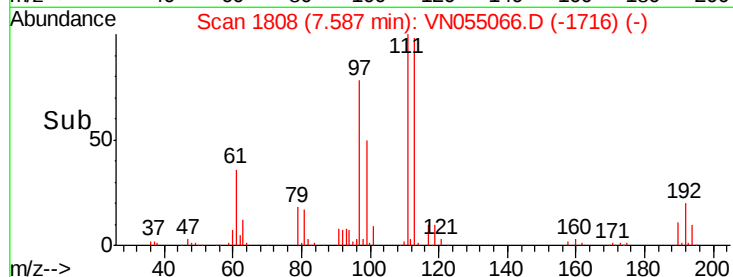
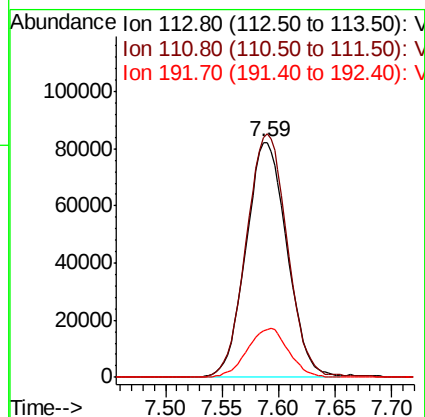
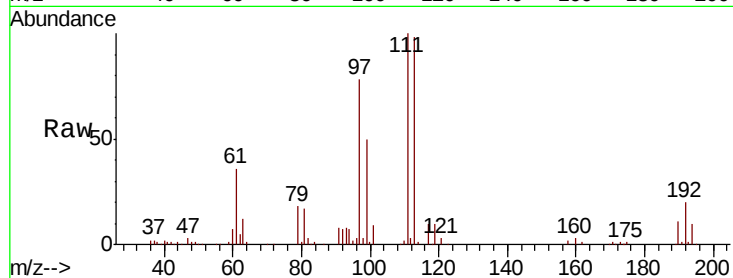




#35  
 Dibromofluoromethane  
 Concen: 48.824 ug/l  
 RT: 7.59 min Scan# 1808  
 Delta R.T. -0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

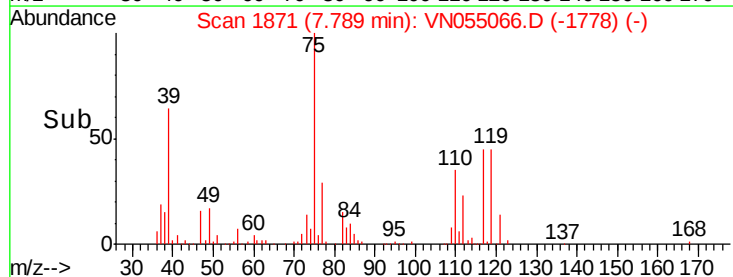
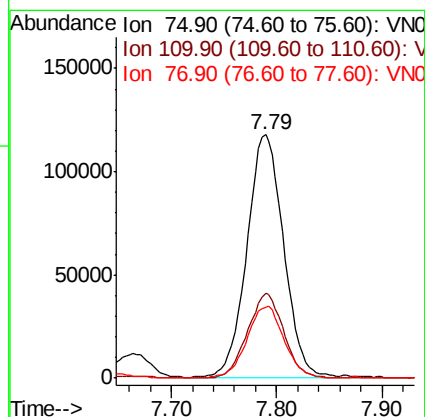
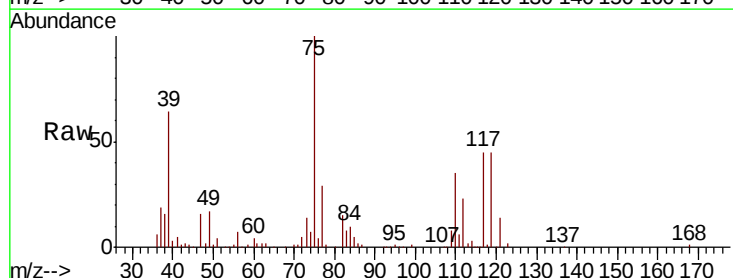
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

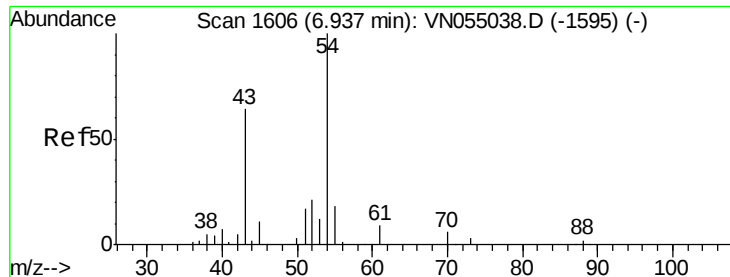
Tot Ion:113 Resp: 207853  
 Ion Ratio Lower Upper  
 113 100  
 111 103.9 82.1 123.1  
 192 20.9 16.5 24.7



#36  
 1,1-Dichloropropene  
 Concen: 47.306 ug/l  
 RT: 7.79 min Scan# 1871  
 Delta R.T. 0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

Tgt Ion: 75 Resp: 284076  
 Ion Ratio Lower Upper  
 75 100  
 110 34.5 17.5 52.5  
 77 30.2 24.9 37.3

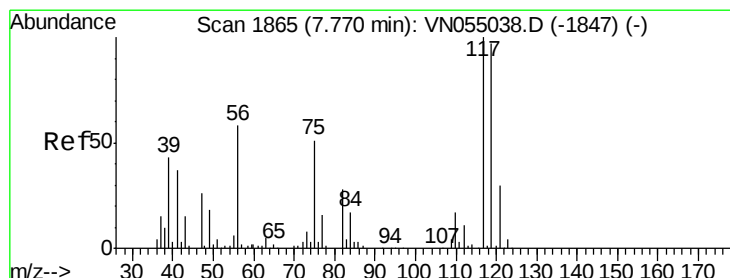
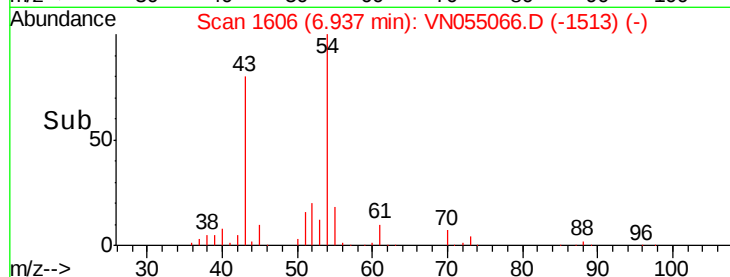
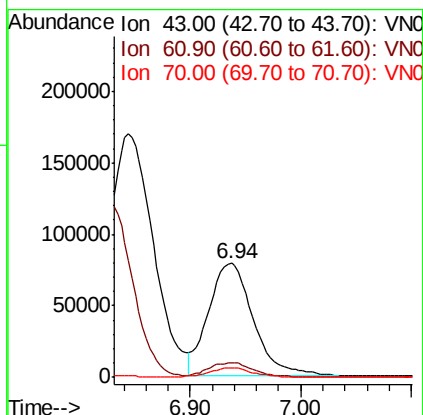
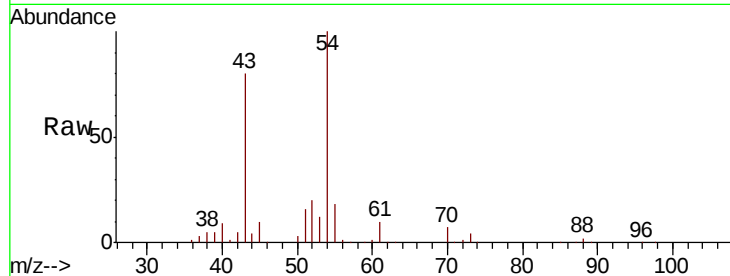




#37  
Ethyl Acetate  
Concen: 45.246 ug/l  
RT: 6.94 min Scan# 1606  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

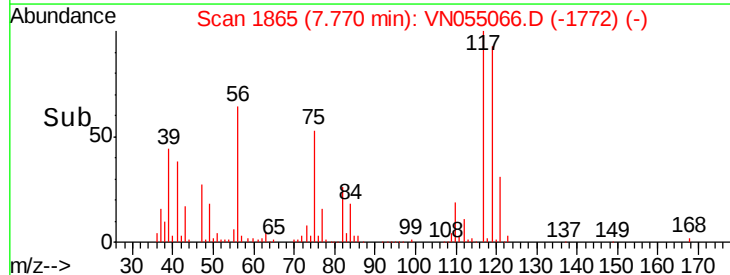
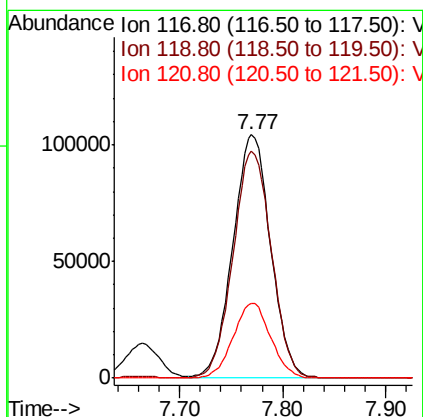
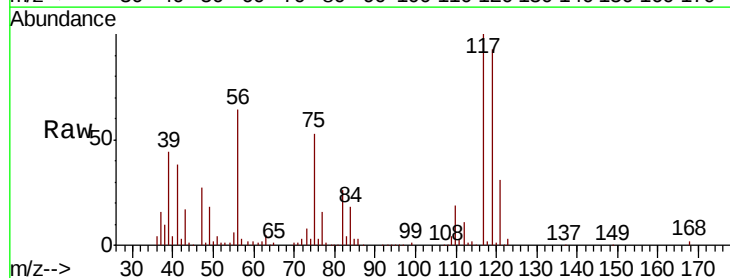
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

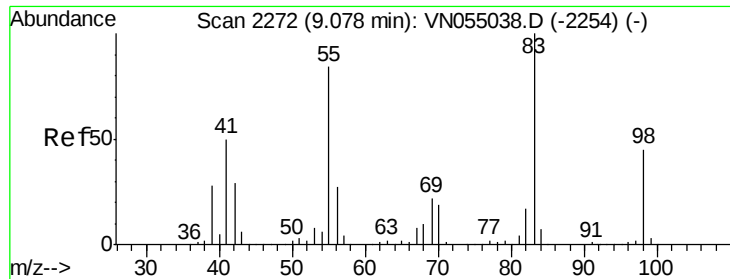
Tot Ion: 43 Resp: 221198  
Ion Ratio Lower Upper  
43 100  
61 12.8 10.0 15.0  
70 8.6 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 46.518 ug/l  
RT: 7.77 min Scan# 1865  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion: 117 Resp: 265769  
Ion Ratio Lower Upper  
117 100  
119 93.1 76.3 114.5  
121 30.5 23.9 35.9

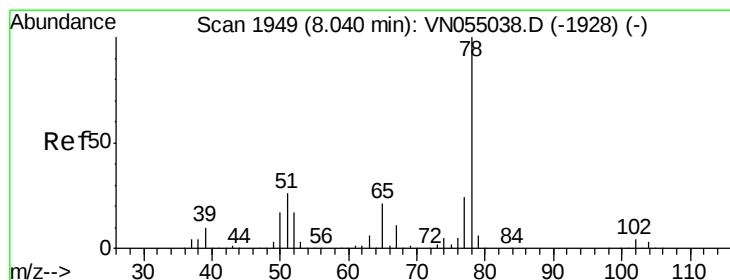
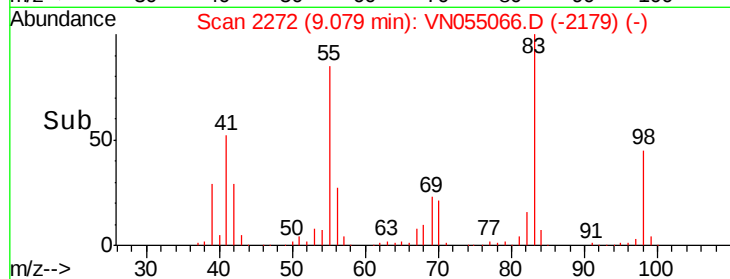
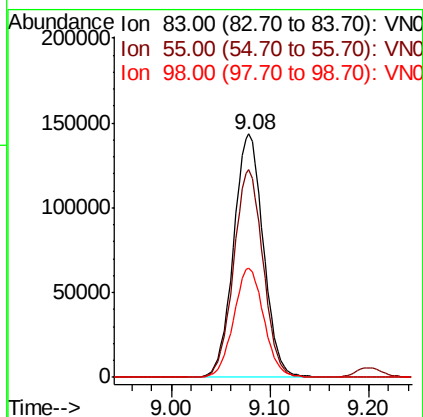
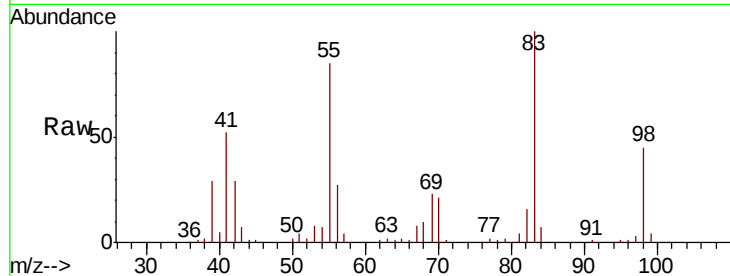




#39  
Methvlcvclohexane  
Concen: 46.273 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

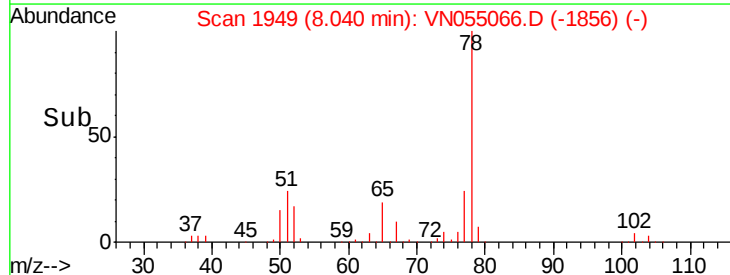
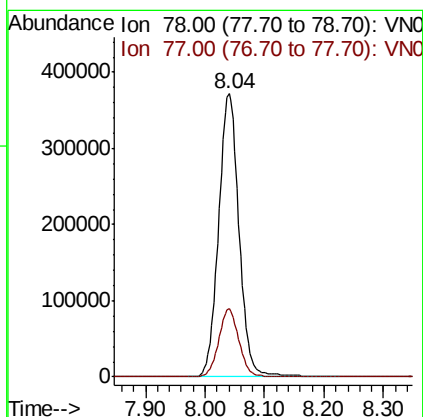
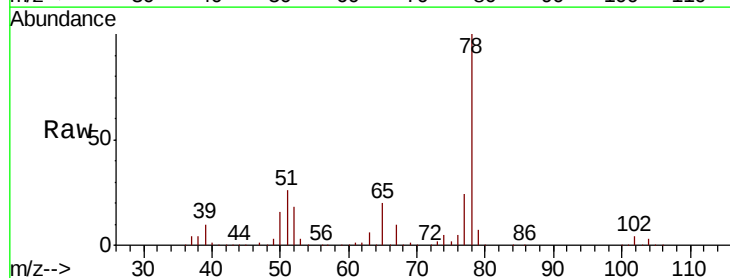
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MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

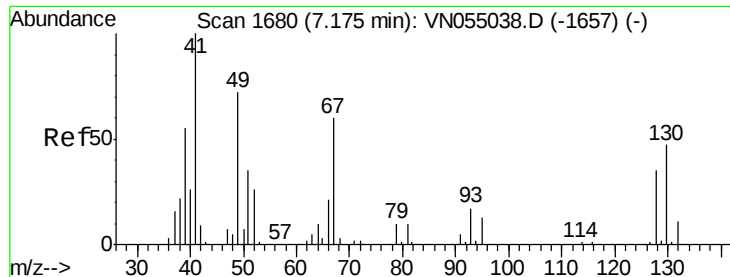
Tot Ion: 83 Resp: 301108  
Ion Ratio Lower Upper  
83 100  
55 85.5 67.0 100.4  
98 45.0 35.6 53.4



#40  
Benzene  
Concen: 48.777 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion: 78 Resp: 882783  
Ion Ratio Lower Upper  
78 100  
77 24.0 18.8 28.2

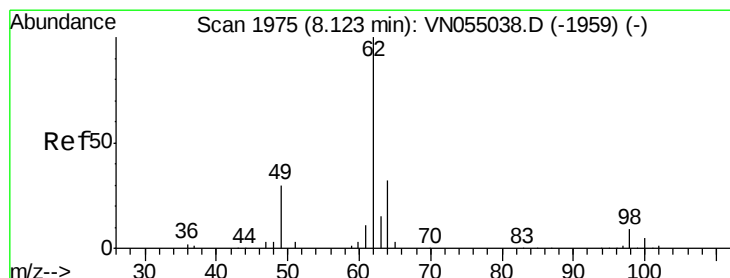
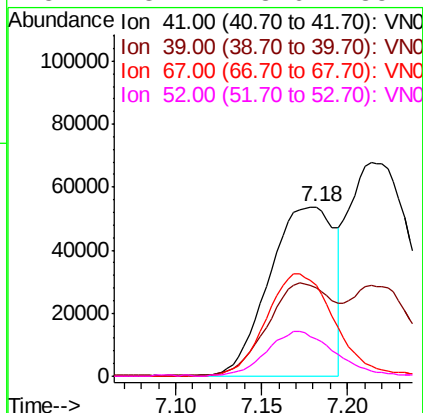
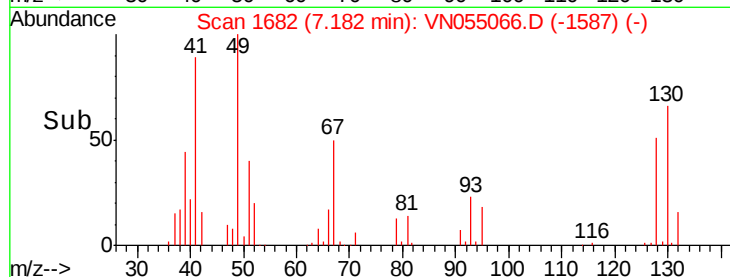
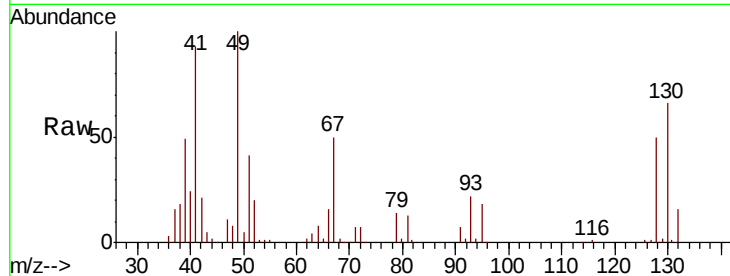




#41  
Methacrylonitrile  
Concen: 52.035 ug/l  
RT: 7.18 min Scan# 1682  
Delta R.T. 0.01 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

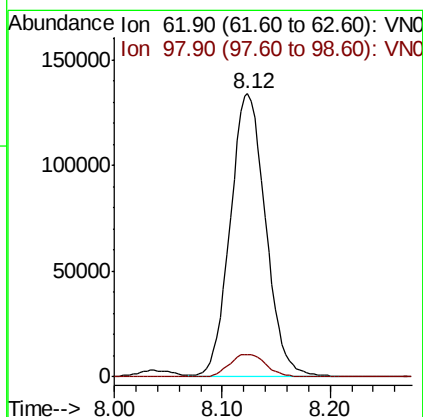
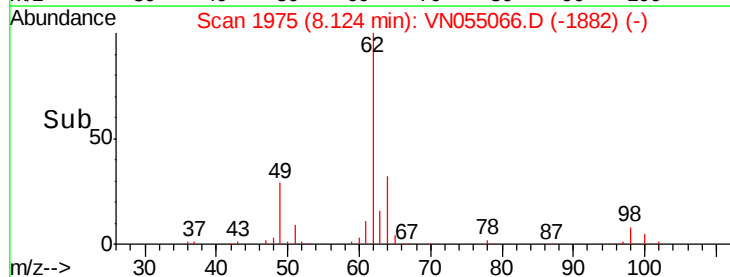
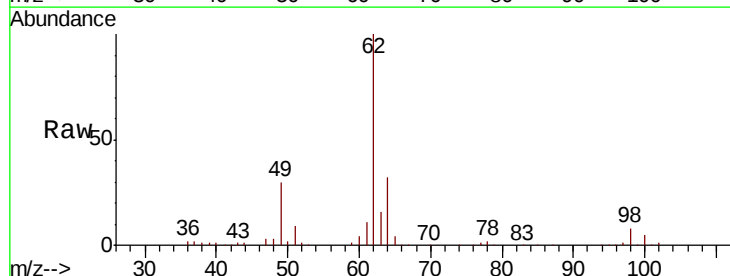
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

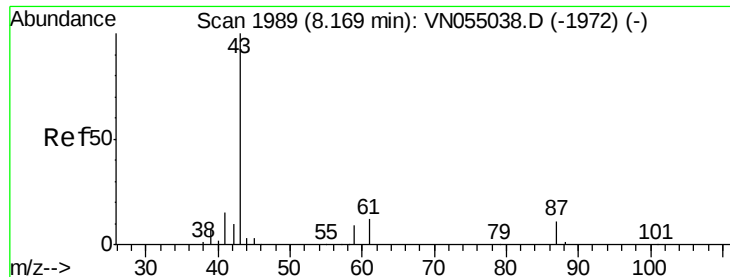
Tot Ion: 41 Resp: 141211  
Ion Ratio Lower Upper  
41 100  
39 53.8 45.6 68.4  
67 63.9 57.0 85.6  
52 28.2 23.6 35.4



#42  
1,2-Dichloroethane  
Concen: 48.490 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion: 62 Resp: 304695  
Ion Ratio Lower Upper  
62 100  
98 8.2 0.0 17.4





#43

Isopropyl Acetate

Concen: 49.855 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

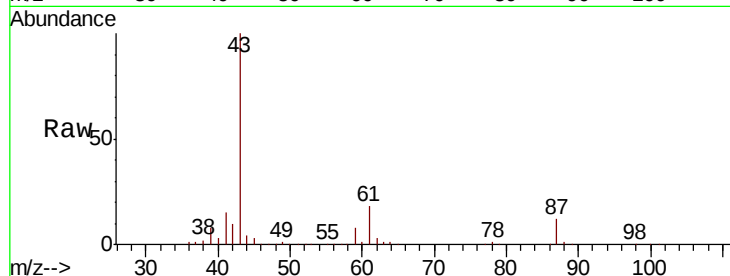
Tot Ion: 43 Resp: 375557

Ion Ratio Lower Upper

43 100

61 18.6 14.3 21.5

87 11.3 8.6 13.0

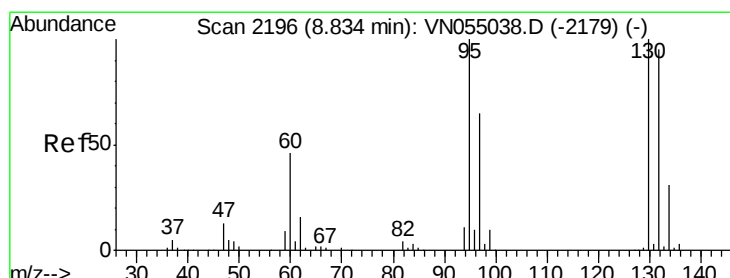
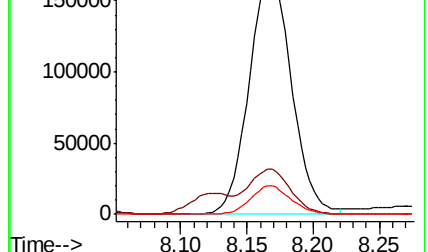
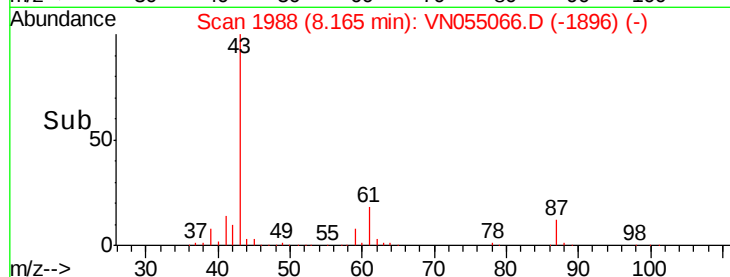


Abundance Ion 43.00 (42.70 to 43.70): VN055038.D (-1972) (-)

Ion 61.00 (60.70 to 61.70): VN055038.D (-1972) (-)

Ion 87.00 (86.70 to 87.70): VN055038.D (-1972) (-)

8.17



#44

Trichloroethene

Concen: 49.438 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055066.D

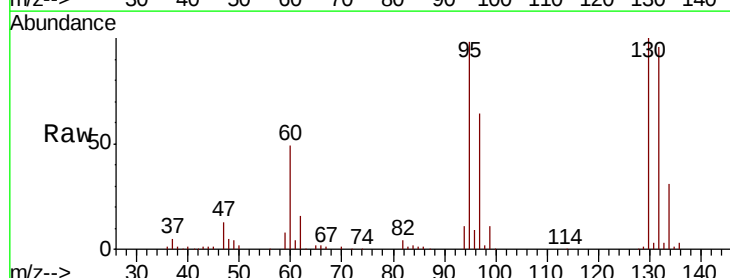
Acq: 16 Apr 2019 1:44

Tgt Ion: 130 Resp: 224112

Ion Ratio Lower Upper

130 100

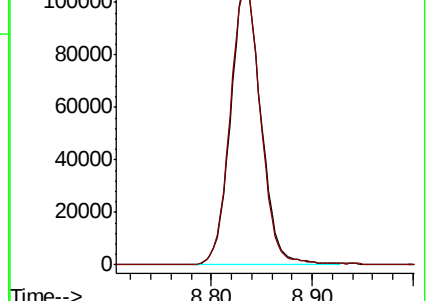
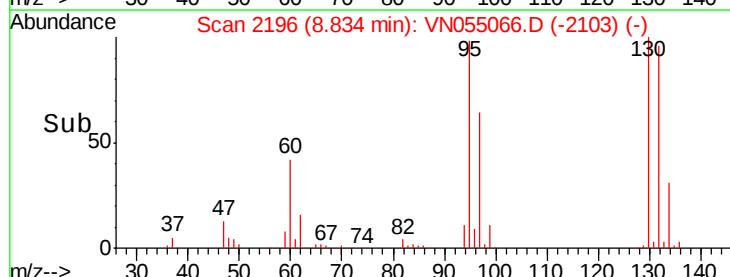
95 98.2 0.0 201.6

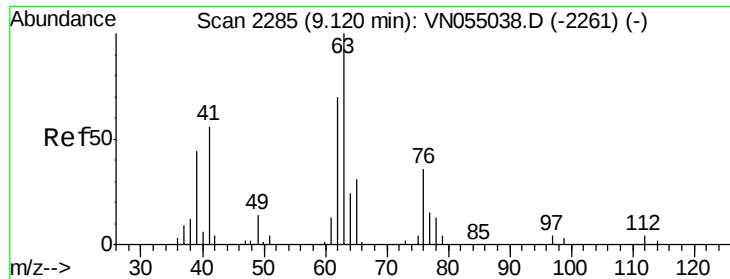


Abundance Ion 129.80 (129.50 to 130.50): VN055038.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055038.D (-2179) (-)

8.83





#45

1,2-Dichloropropane

Concen: 48.892 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

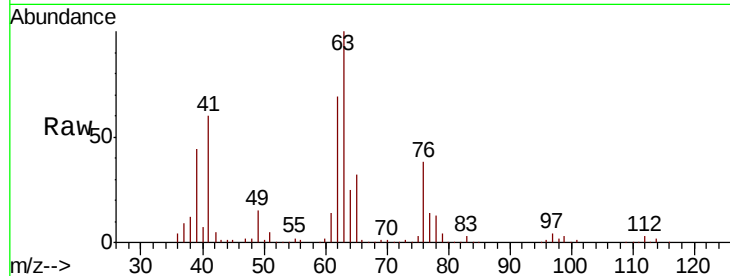
VSTDCCC050EC

Tot Ion: 63 Resp: 246778

Ion Ratio Lower Upper

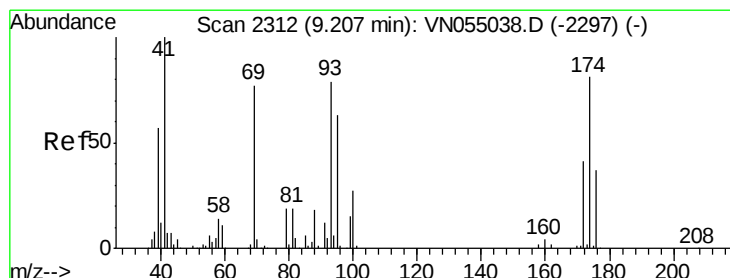
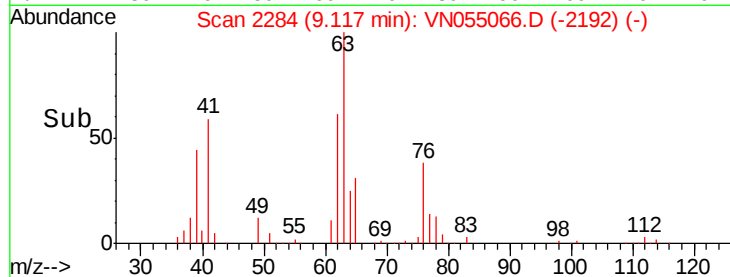
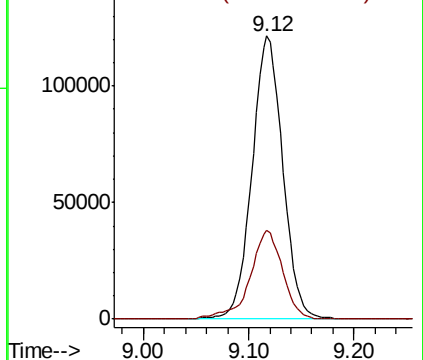
63 100

65 31.4 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 48.417 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

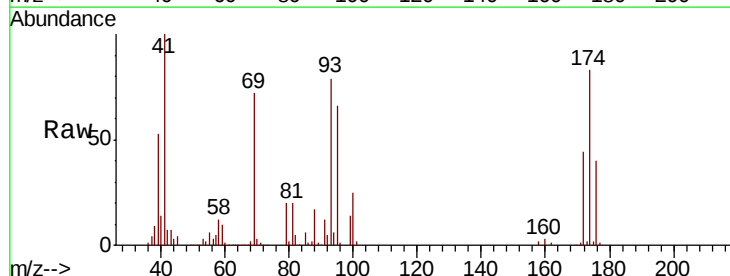
Tgt Ion: 93 Resp: 139098

Ion Ratio Lower Upper

93 100

95 83.7 65.0 97.6

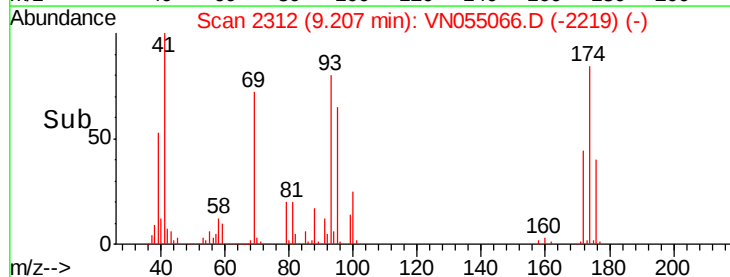
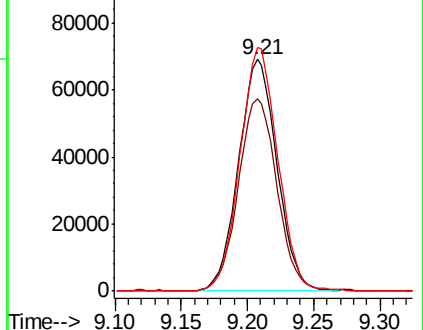
174 103.7 81.0 121.6

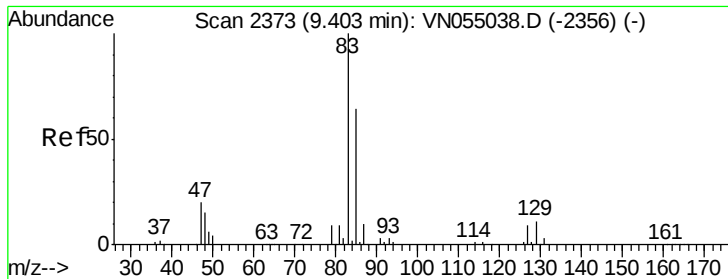


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 49.207 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

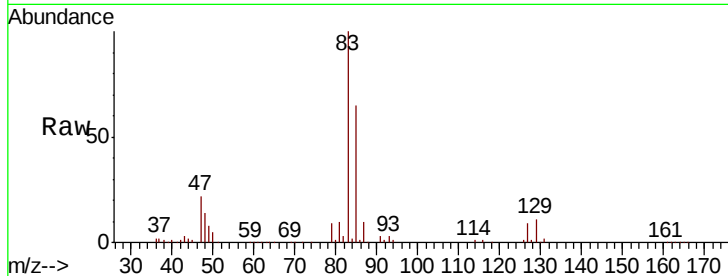
Tot Ion: 83 Resp: 291462

Ion Ratio Lower Upper

83 100

85 65.4 51.2 76.8

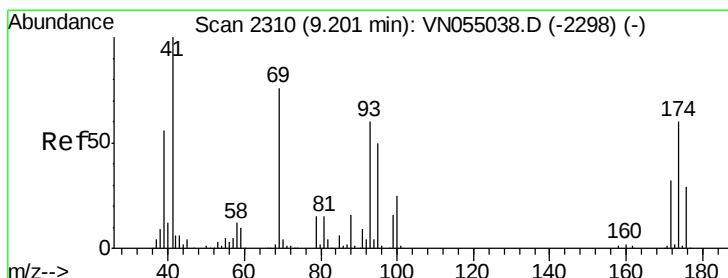
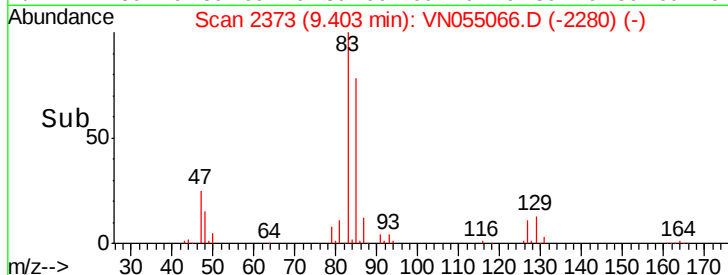
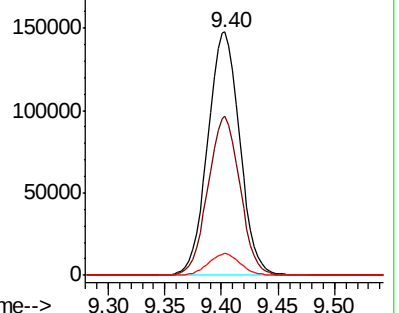
127 8.9 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN055066.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055066.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055066.D (-2280) (-)



#48

Methyl methacrylate

Concen: 51.139 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

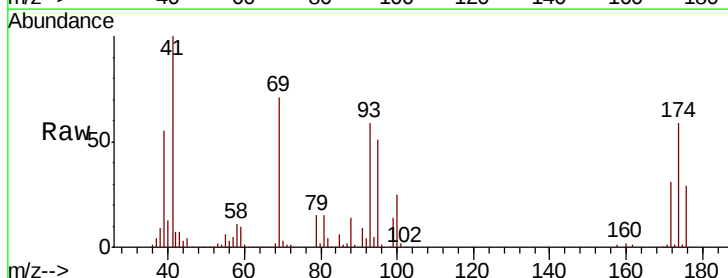
Tgt Ion: 41 Resp: 190940

Ion Ratio Lower Upper

41 100

69 74.6 60.5 90.7

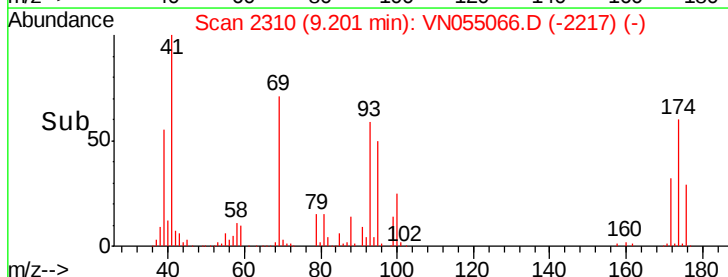
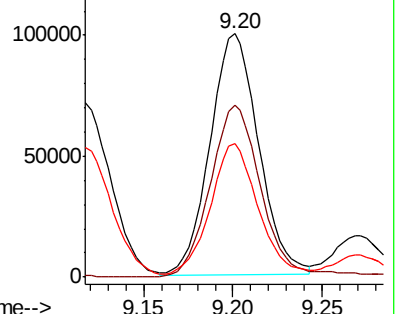
39 54.1 43.9 65.9

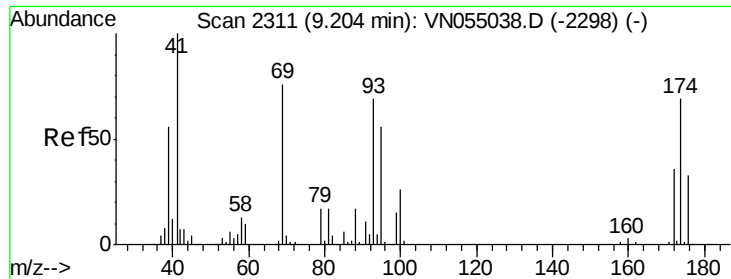


Abundance Ion 41.00 (40.70 to 41.70): VN055066.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055066.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055066.D (-2217) (-)





#49

1,4-Dioxane

Concen: 914.069 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

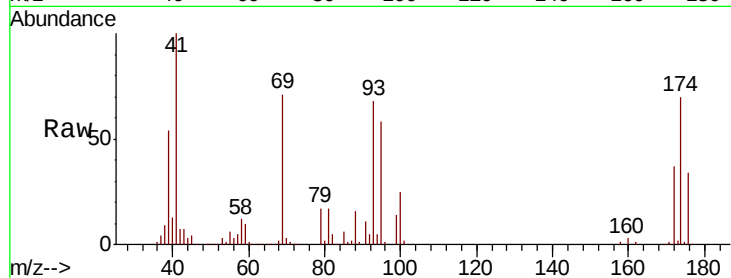
Tot Ion: 88 Resp: 31975

Ion Ratio Lower Upper

88 100

43 41.4 31.8 47.8

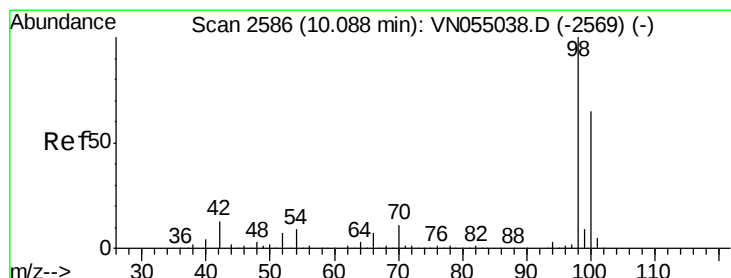
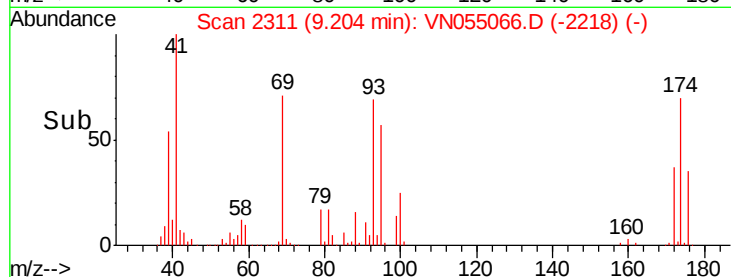
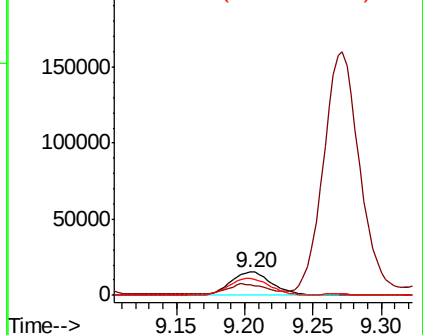
58 74.0 61.6 92.4



Abundance Ion 88.00 (87.70 to 88.70): VN055038.D (-2298) (-)

Ion 43.00 (42.70 to 43.70): VN055038.D (-2298) (-)

Ion 58.00 (57.70 to 58.70): VN055038.D (-2298) (-)



#50

Toluene-d8

Concen: 50.310 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055066.D

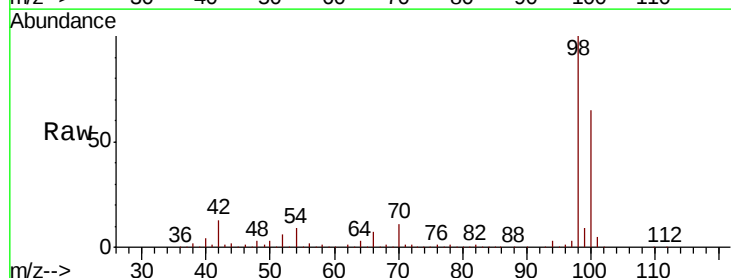
Acq: 16 Apr 2019 1:44

Tgt Ion: 98 Resp: 766574

Ion Ratio Lower Upper

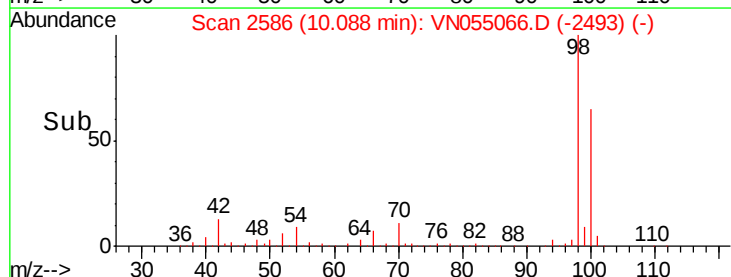
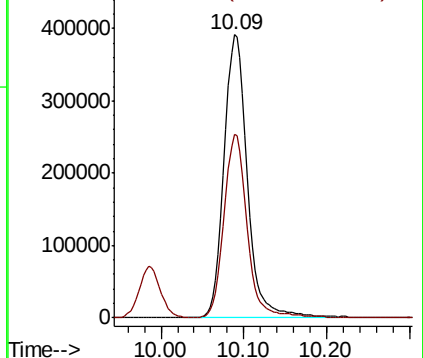
98 100

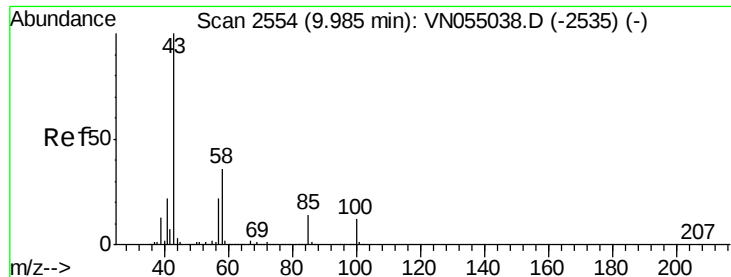
100 64.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055038.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN055038.D (-2569) (-)

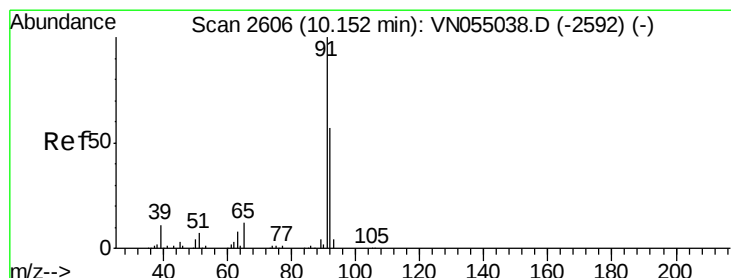
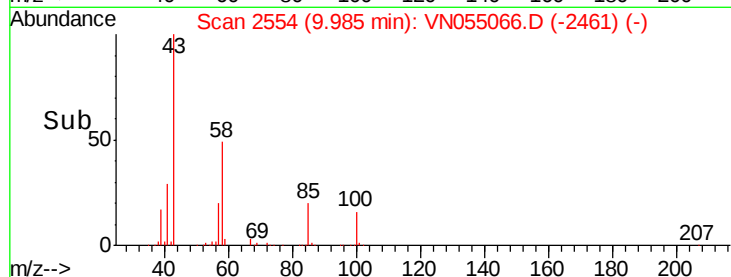
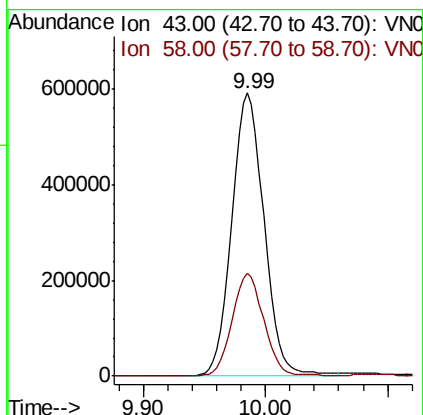
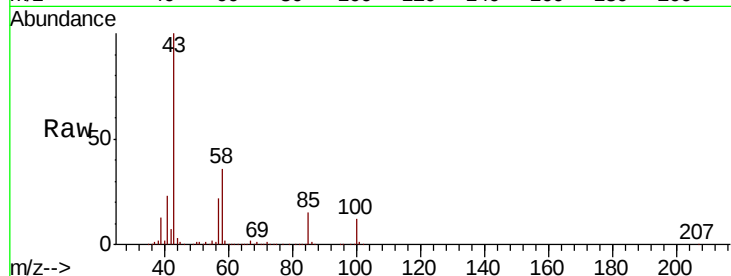




#51  
 4-Methyl-2-Pentanone  
 Concen: 248.877 ug/l  
 RT: 9.99 min Scan# 2554  
 Delta R.T. 0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

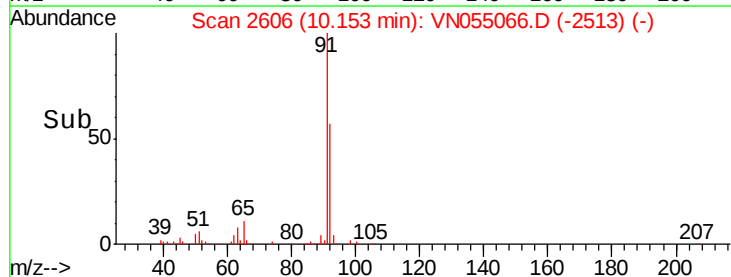
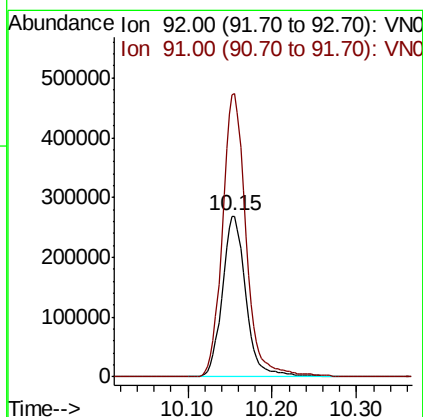
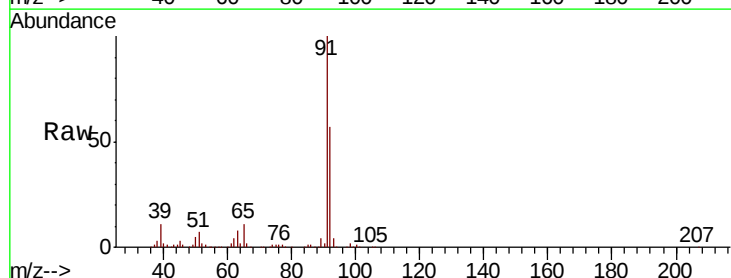
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

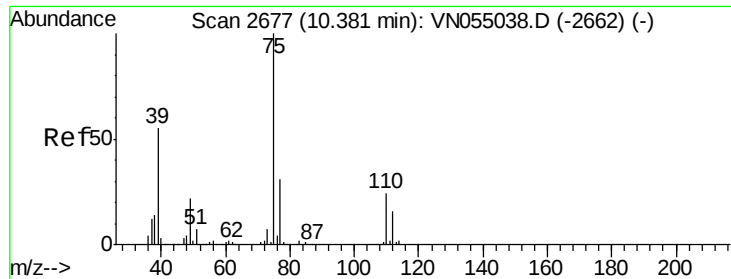
Tot Ion: 43 Resp: 1083110  
 Ion Ratio Lower Upper  
 43 100  
 58 36.0 29.0 43.4



#52  
 Toluene  
 Concen: 50.613 ug/l  
 RT: 10.15 min Scan# 2606  
 Delta R.T. 0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

Tgt Ion: 92 Resp: 524639  
 Ion Ratio Lower Upper  
 92 100  
 91 176.1 140.8 211.2





#53

t-1,3-Dichloropropene

Concen: 52.521 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

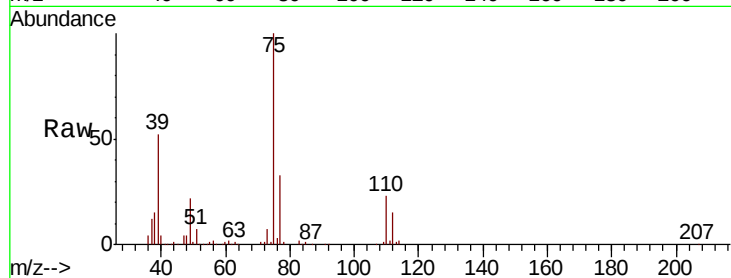
VSTDCCC050EC

Tot Ion: 75 Resp: 271867

Ion Ratio Lower Upper

75 100

77 32.8 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

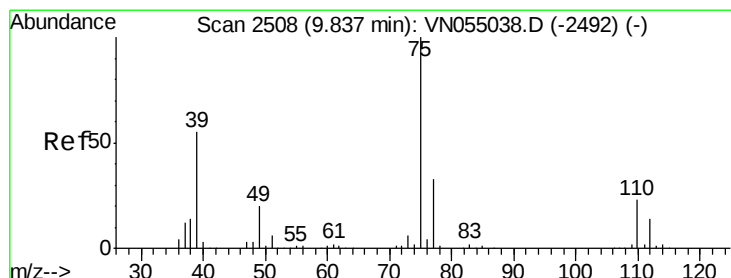
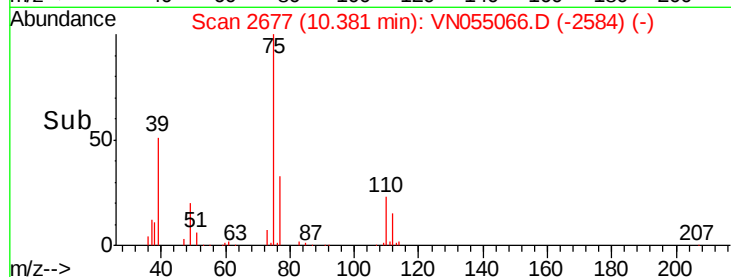
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.663 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

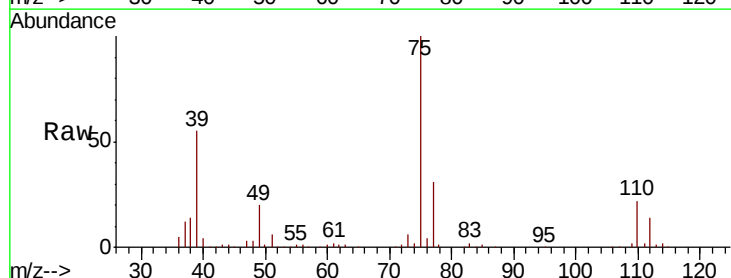
Tgt Ion: 75 Resp: 338338

Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.6

39 54.4 43.8 65.8



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

250000

200000

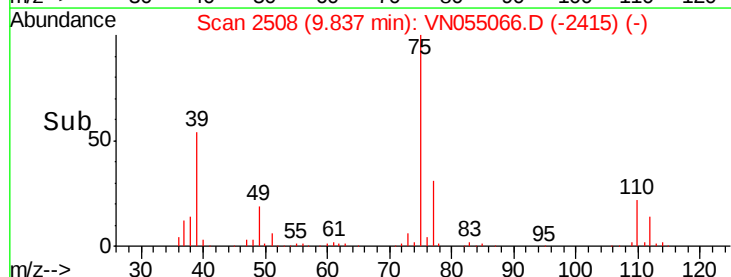
150000

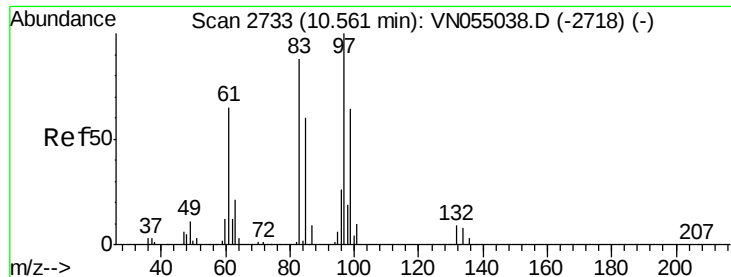
100000

50000

0

Time-->



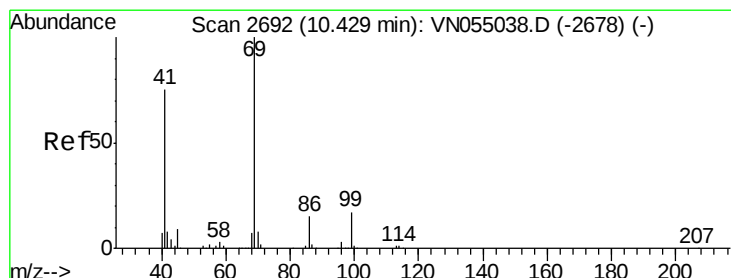
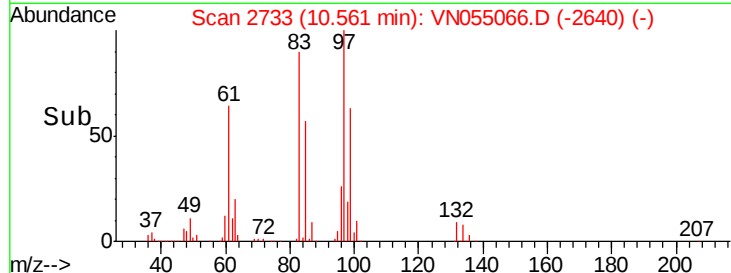
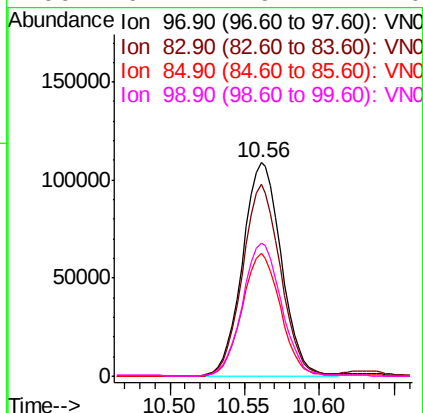
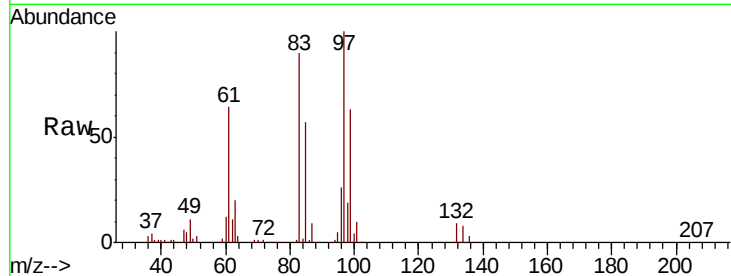


#55  
 1,1,2-Trichloroethane  
 Concen: 49.385 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 97 Resp: 197229

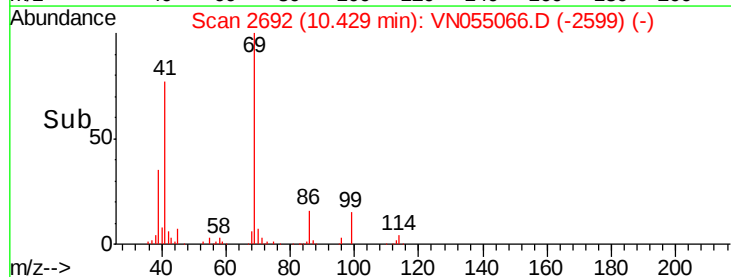
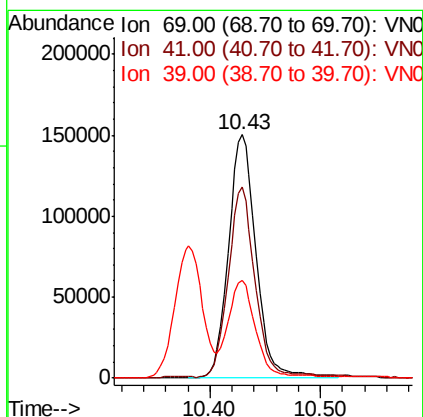
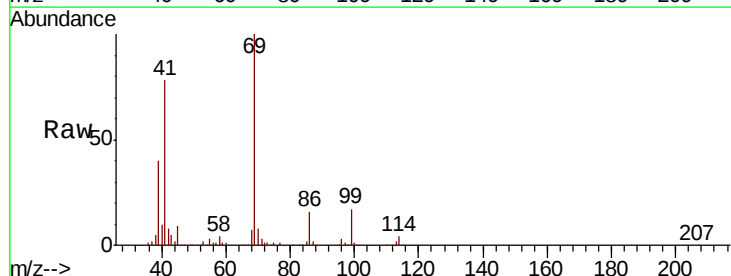
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 89.7  | 70.5  | 105.7 |
| 85  | 57.3  | 45.5  | 68.3  |
| 99  | 62.4  | 49.4  | 74.0  |

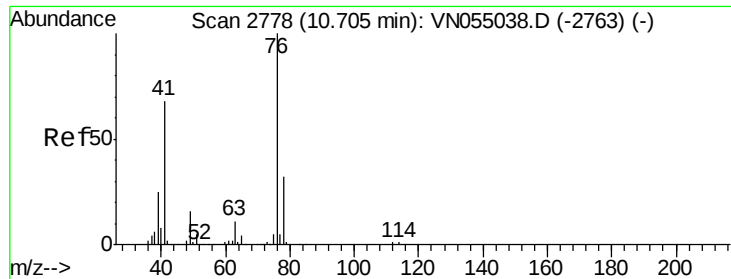


#56  
 Ethyl methacrylate  
 Concen: 54.557 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. 0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

Tgt Ion: 69 Resp: 261486

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 75.4  | 61.4  | 92.0  |
| 39  | 38.4  | 30.8  | 46.2  |





#57

1,3-Dichloropropane

Concen: 50.407 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

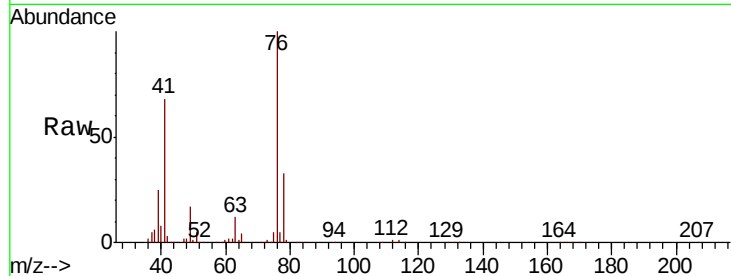
VSTDCCC050EC

Tot Ion: 76 Resp: 342748

Ion Ratio Lower Upper

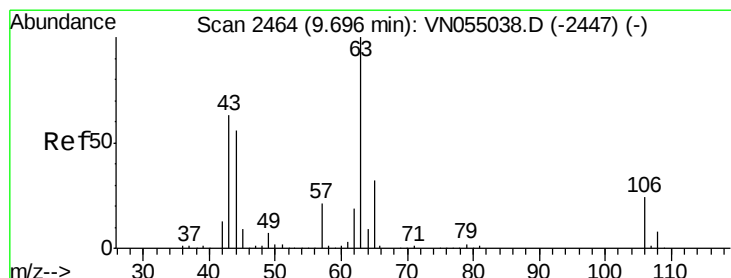
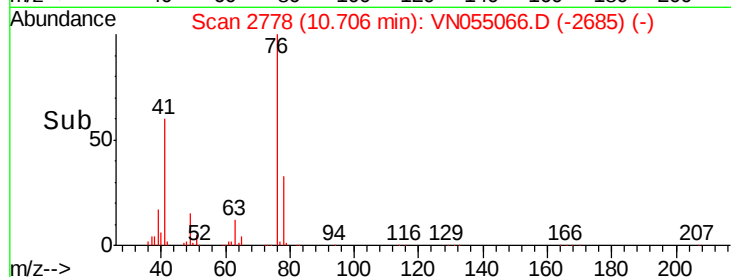
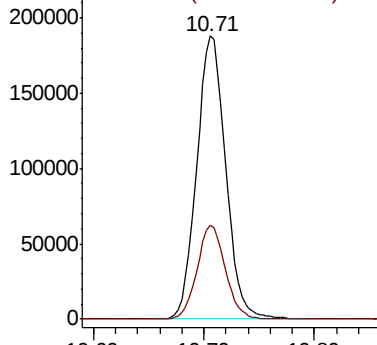
76 100

78 32.2 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 234.806 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055066.D

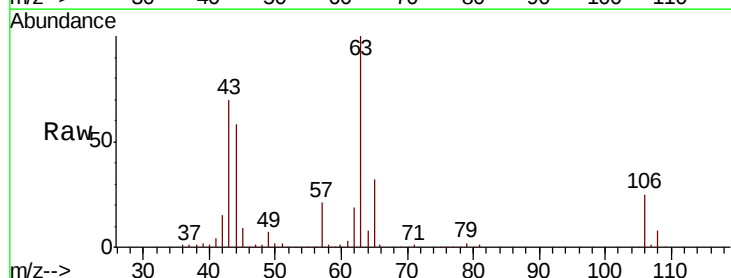
Acq: 16 Apr 2019 1:44

Tgt Ion: 63 Resp: 492868

Ion Ratio Lower Upper

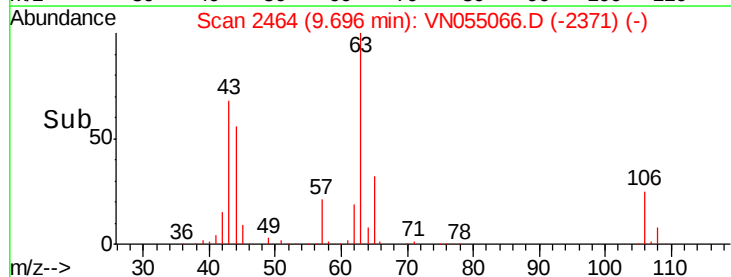
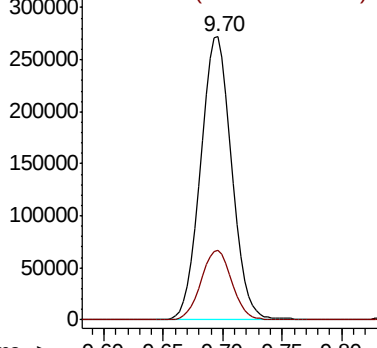
63 100

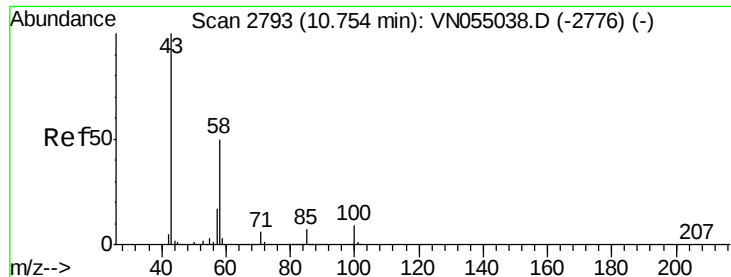
106 24.4 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

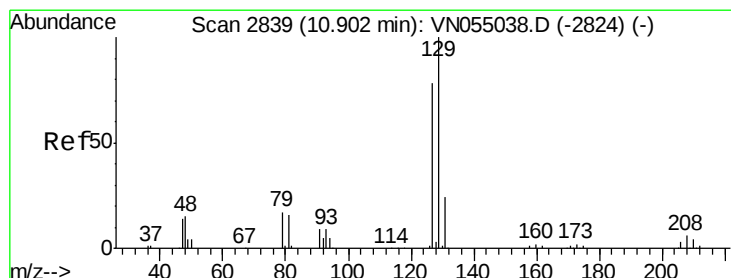
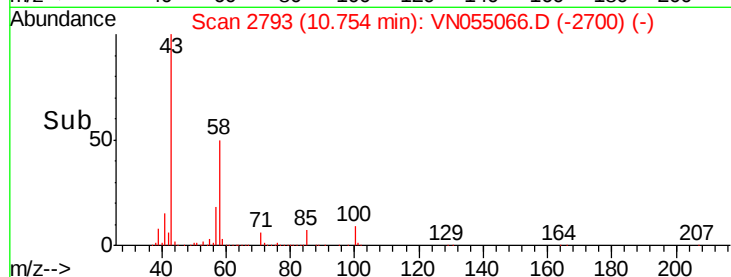
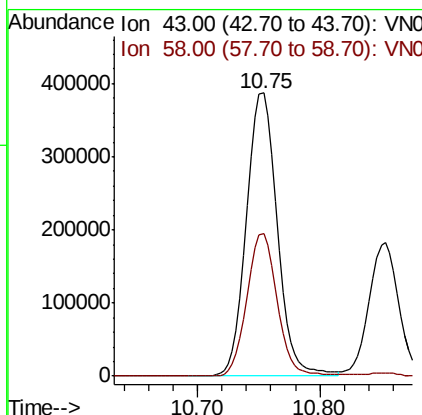
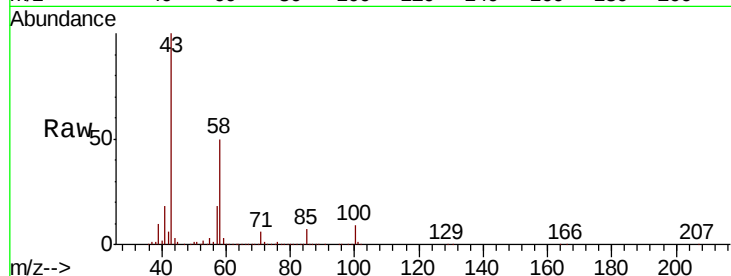




#59  
2-Hexanone  
Concen: 245.457 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

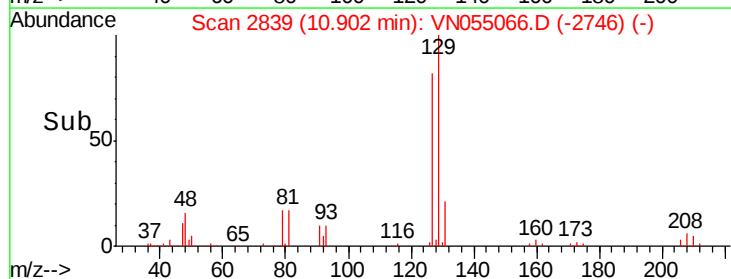
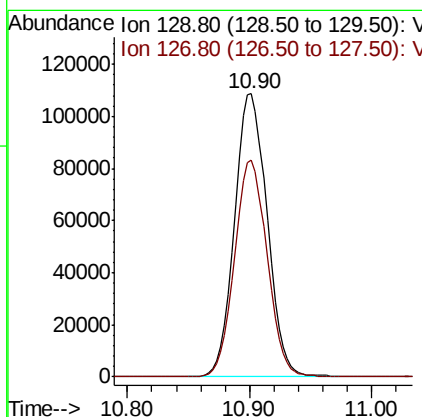
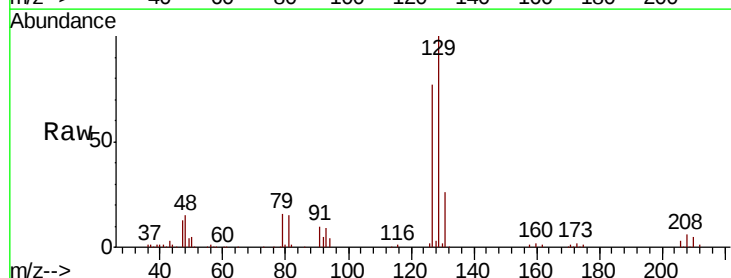
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

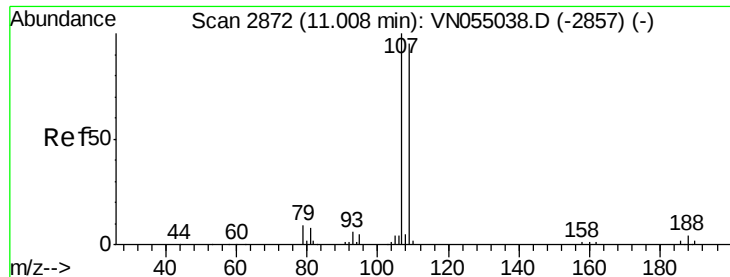
Tot Ion: 43 Resp: 670945  
Ion Ratio Lower Upper  
43 100  
58 50.0 25.1 75.2



#60  
Dibromochloromethane  
Concen: 51.643 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion: 129 Resp: 201396  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.2 114.6





#61

1,2-Dibromoethane

Concen: 50.692 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

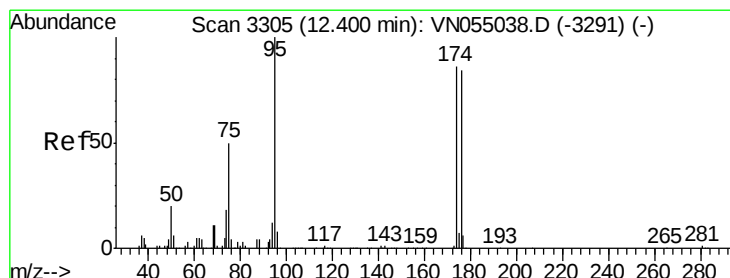
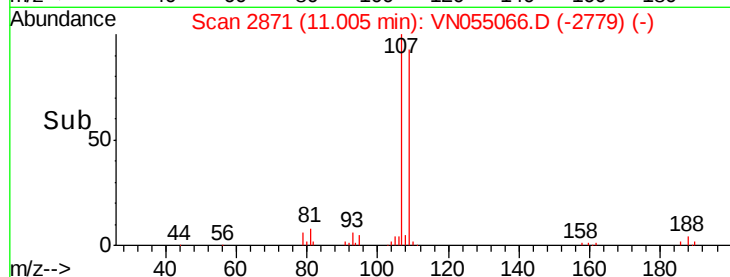
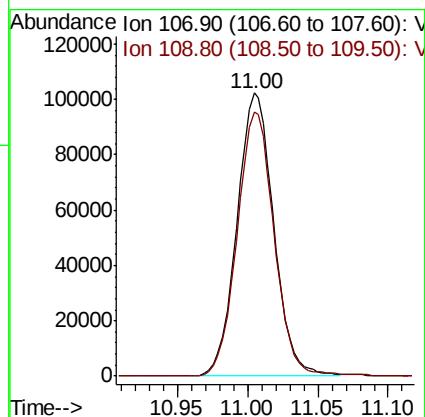
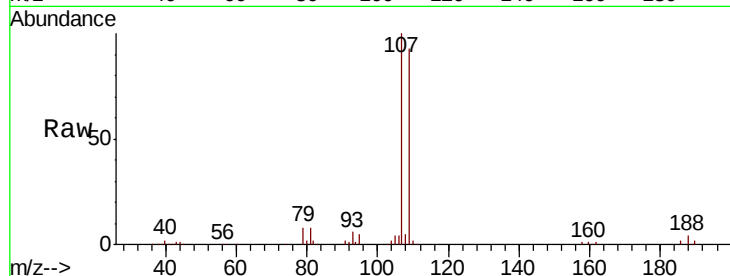
VSTDCCC050EC

Tot Ion: 107 Resp: 186336

Ion Ratio Lower Upper

107 100

109 94.0 76.5 114.7



#62

4-Bromofluorobenzene

Concen: 53.859 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

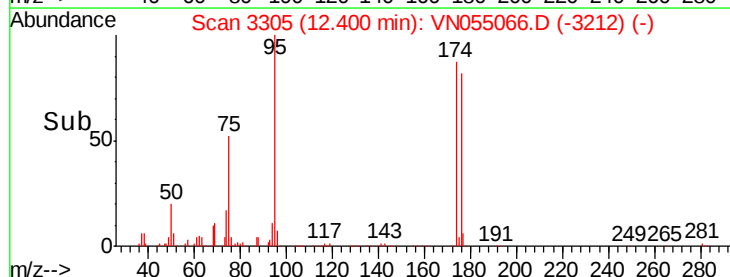
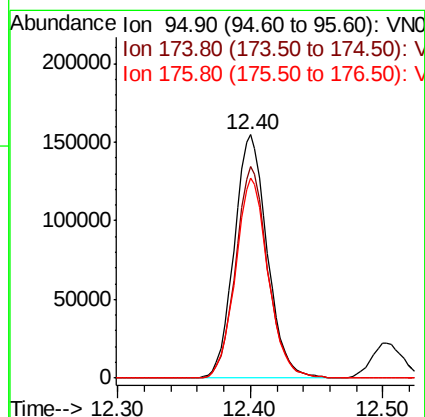
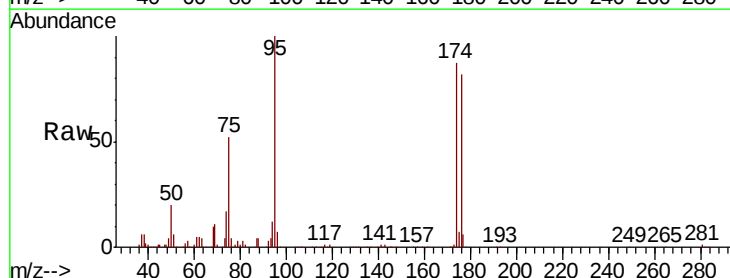
Tgt Ion: 95 Resp: 266789

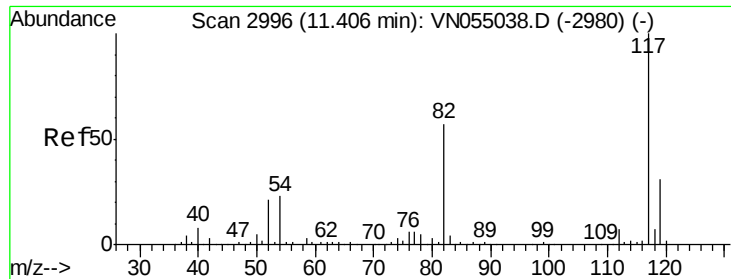
Ion Ratio Lower Upper

95 100

174 84.9 0.0 174.4

176 81.3 0.0 166.8

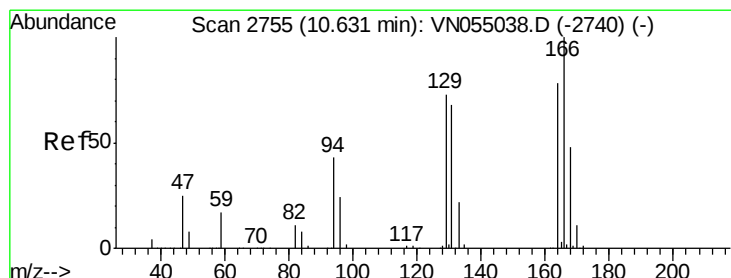
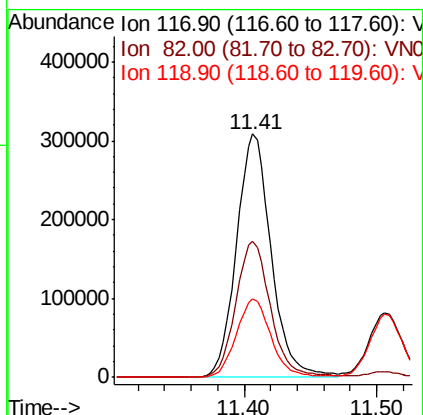
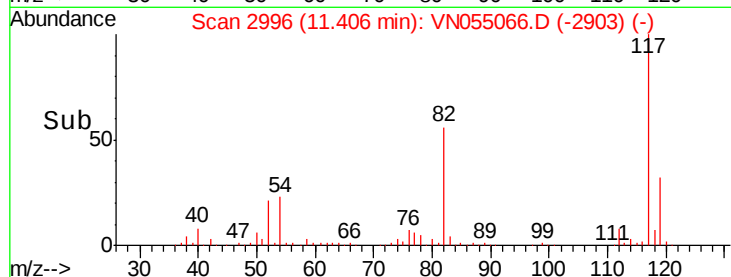
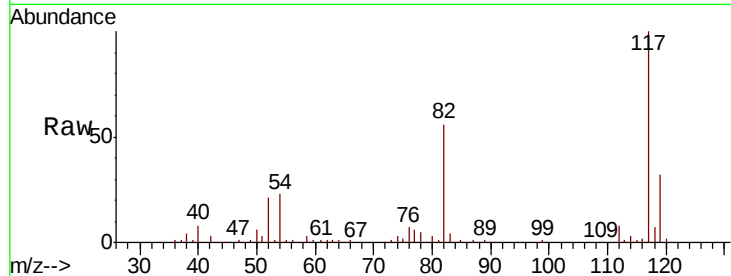




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

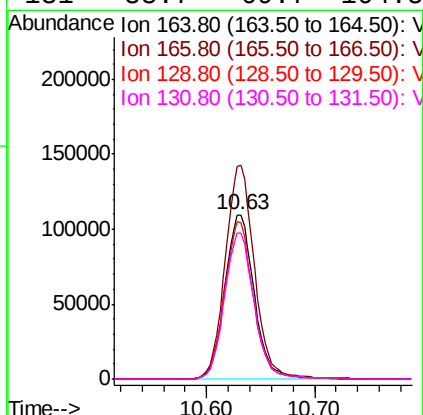
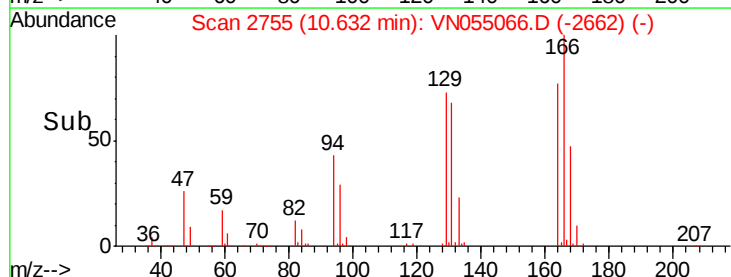
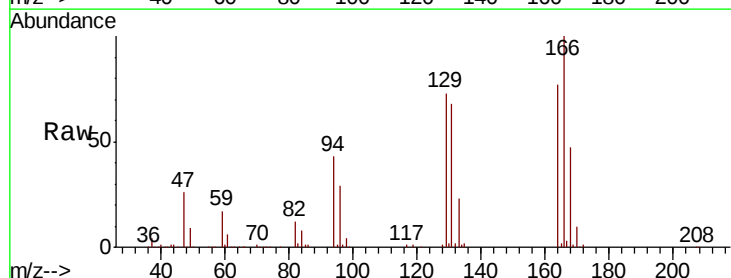
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

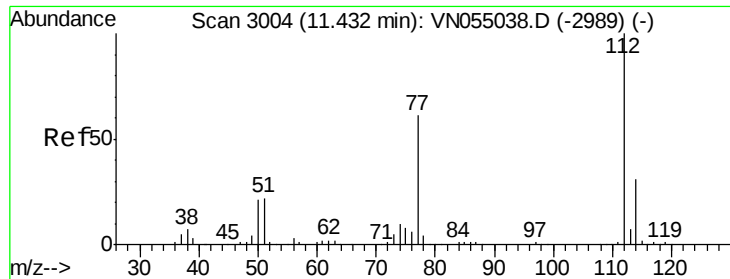
Tot Ion:117 Resp: 561046  
Ion Ratio Lower Upper  
117 100  
82 55.9 44.6 66.8  
119 32.1 25.5 38.3



#64  
Tetrachloroethene  
Concen: 45.723 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion:164 Resp: 208597  
Ion Ratio Lower Upper  
164 100  
166 129.9 100.0 150.0  
129 94.6 72.0 108.0  
131 88.7 69.7 104.5

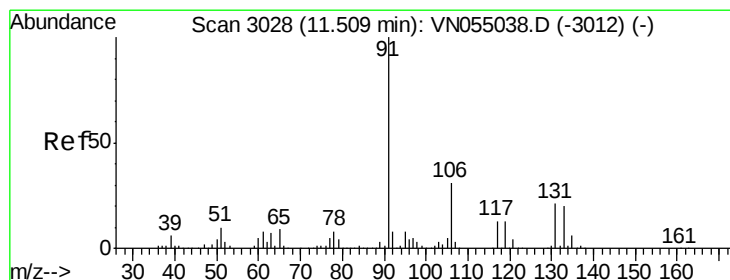
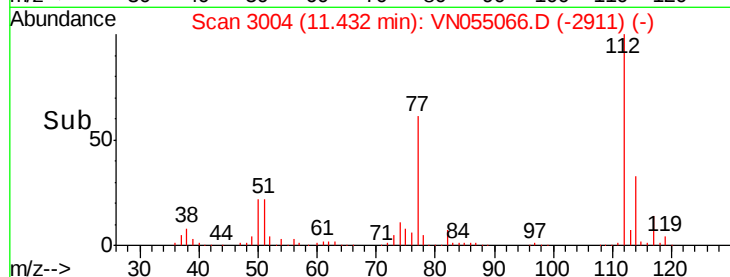
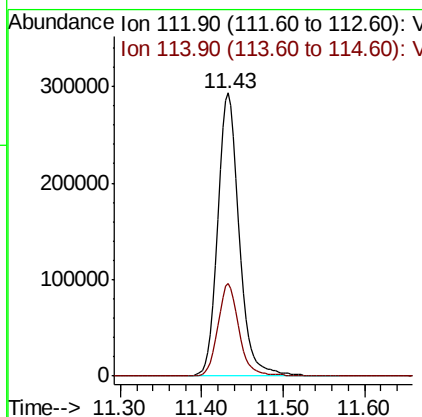
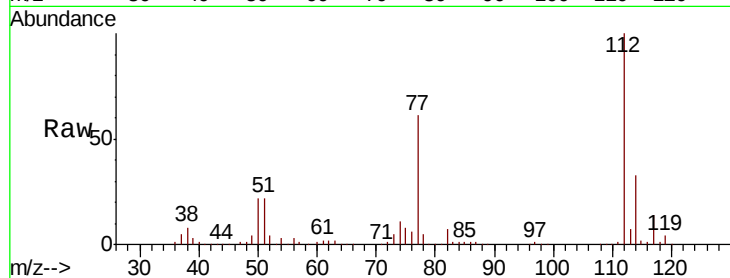




#65  
Chlorobenzene  
Concen: 48.478 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

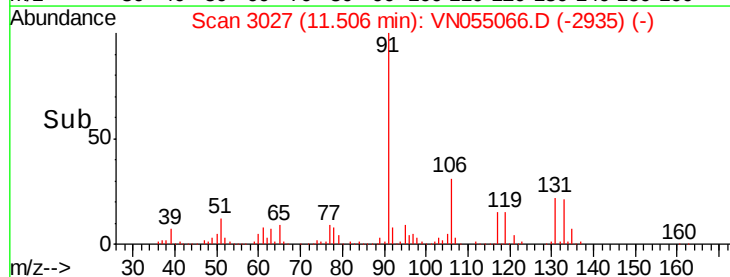
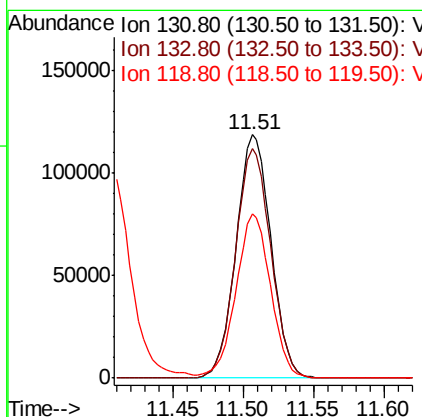
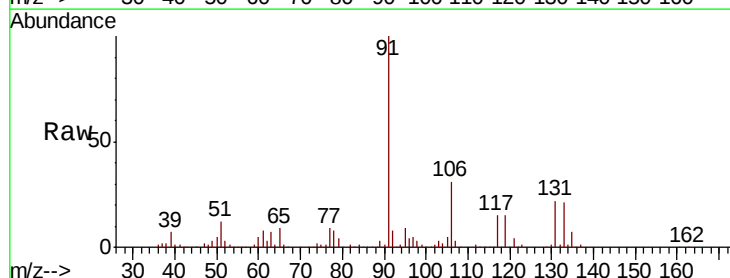
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

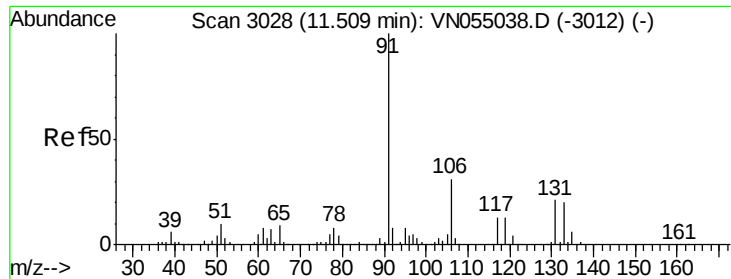
Tot Ion:112 Resp: 547479  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.401 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. -0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion:131 Resp: 205193  
Ion Ratio Lower Upper  
131 100  
133 95.6 47.8 143.3  
119 67.1 33.6 100.6

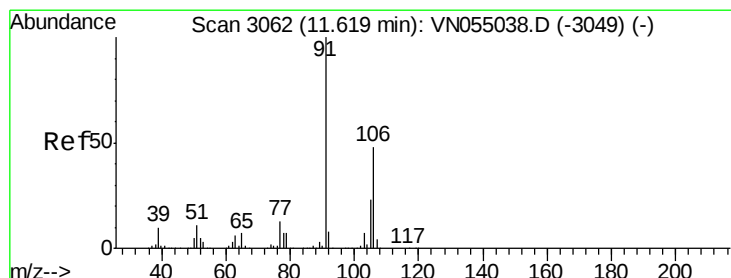
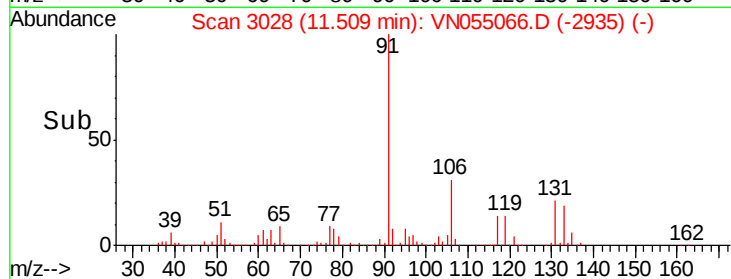
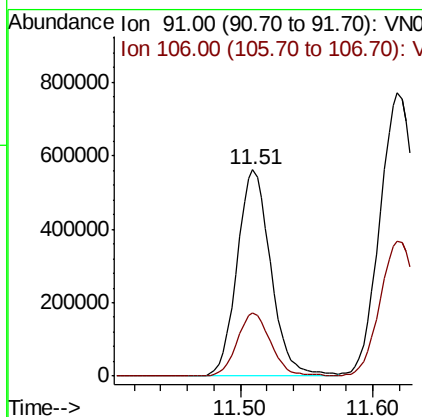
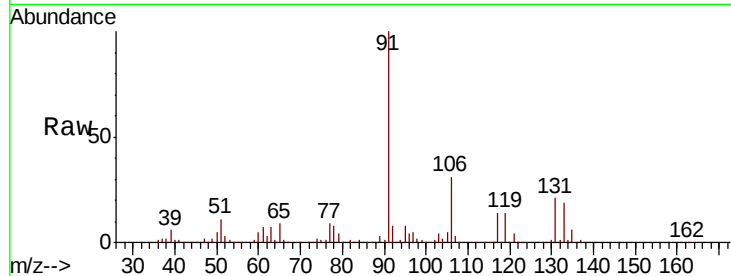




#67  
Ethyl Benzene  
Concen: 49.192 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

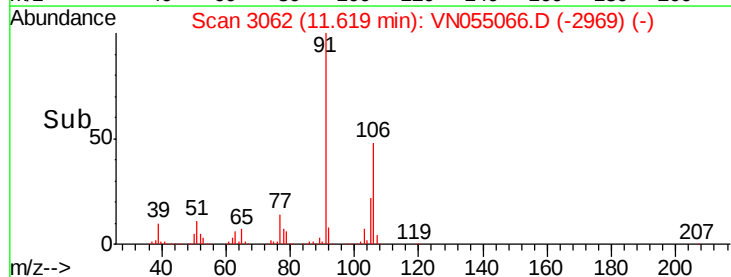
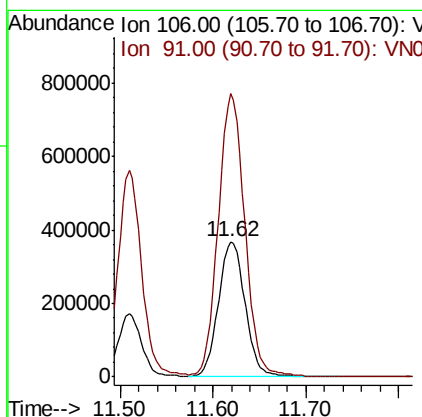
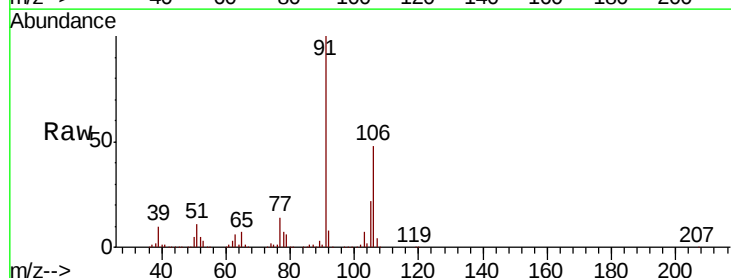
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

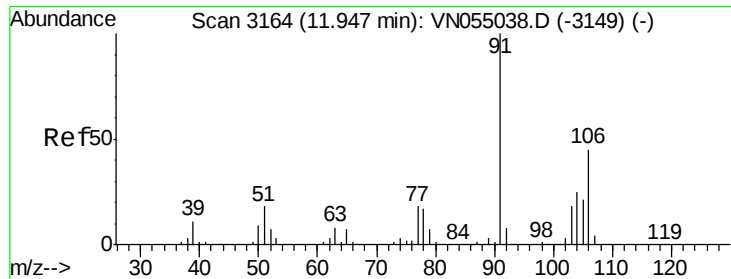
Tot Ion: 91 Resp: 992092  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.3 36.5



#68  
m/p-Xylenes  
Concen: 101.126 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion: 106 Resp: 738529  
Ion Ratio Lower Upper  
106 100  
91 208.0 165.9 248.9

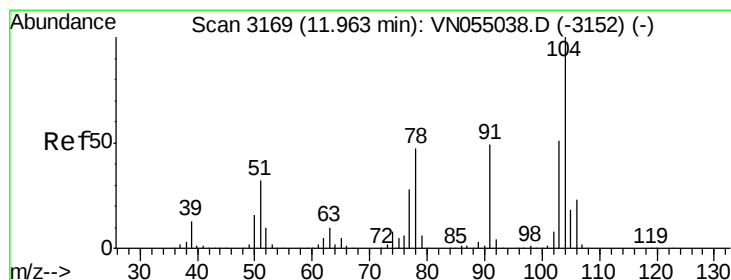
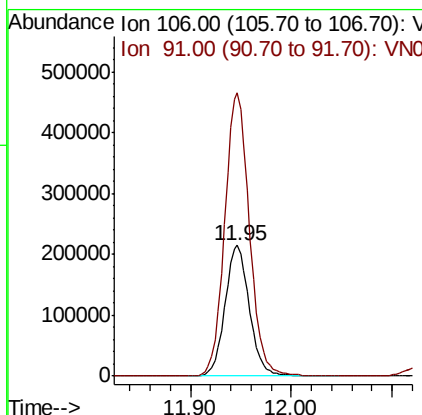
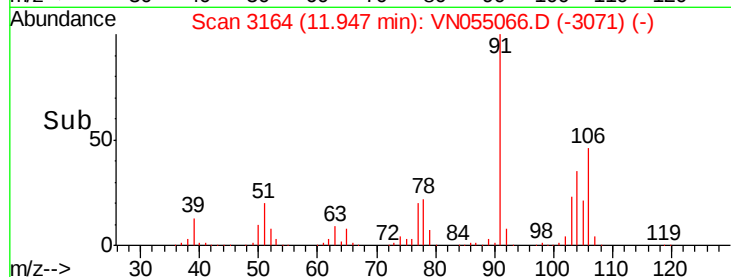
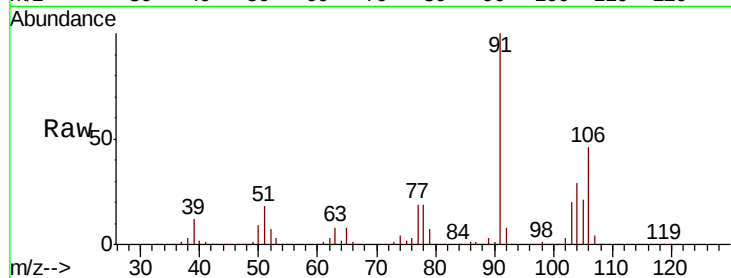




#69  
o-Xylene  
Concen: 51.337 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

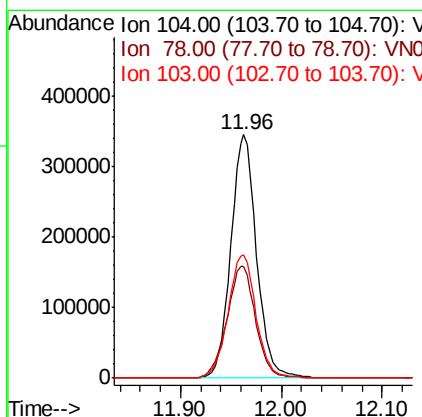
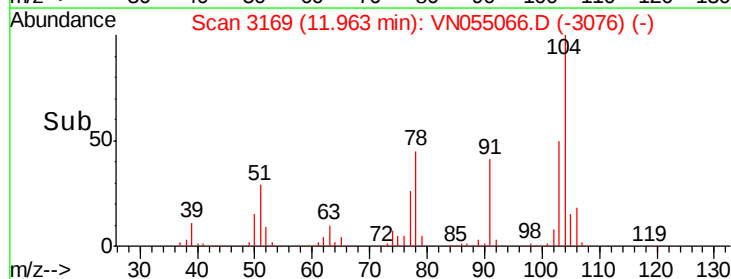
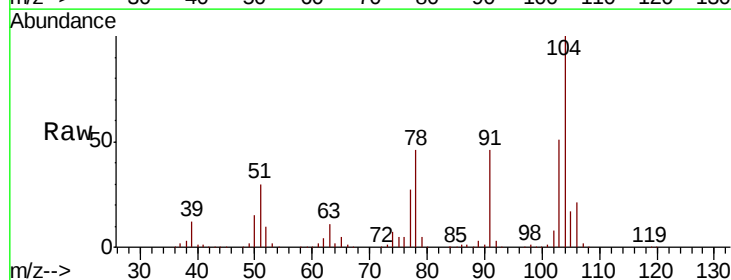
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

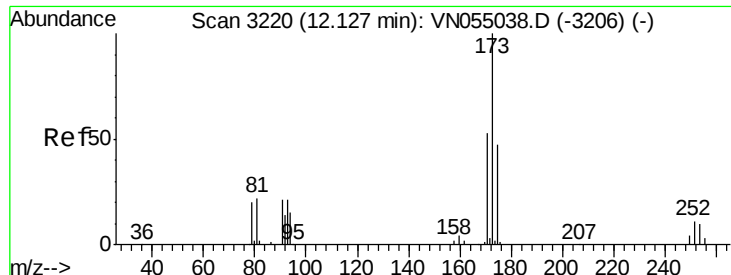
Tot Ion:106 Resp: 363127  
Ion Ratio Lower Upper  
106 100  
91 219.2 109.9 329.8



#70  
Styrene  
Concen: 53.718 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion:104 Resp: 615061  
Ion Ratio Lower Upper  
104 100  
78 51.1 40.3 60.5  
103 55.4 44.3 66.5





#71

Bromoform

Concen: 52.963 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

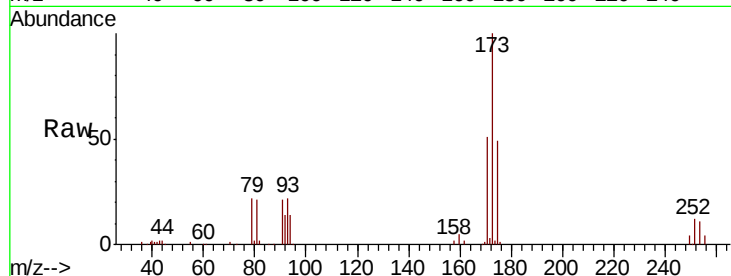
Tot Ion:173 Resp: 126094

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

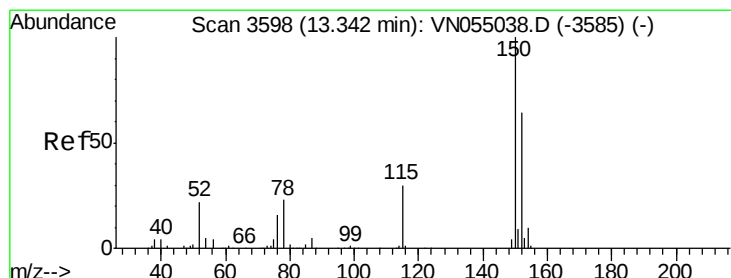
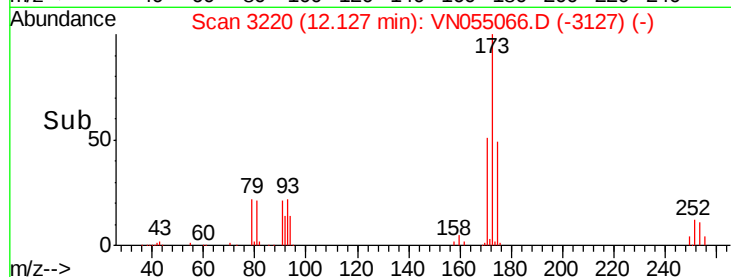
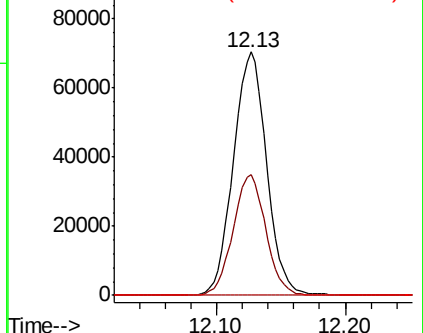
254 0.0 0.1 0.1#



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: VN055066.D

Acq: 16 Apr 2019 1:44

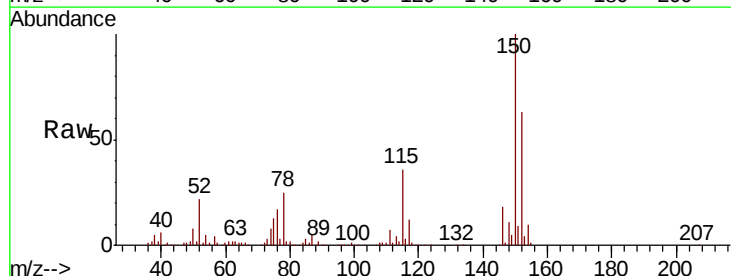
Tgt Ion:152 Resp: 249772

Ion Ratio Lower Upper

152 100

115 57.6 28.5 85.6

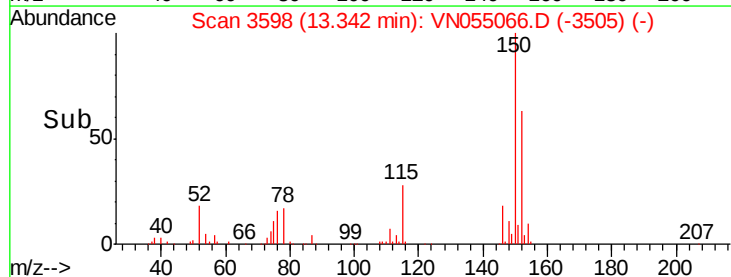
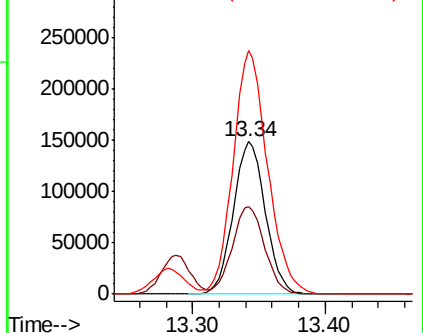
150 171.6 0.0 347.2

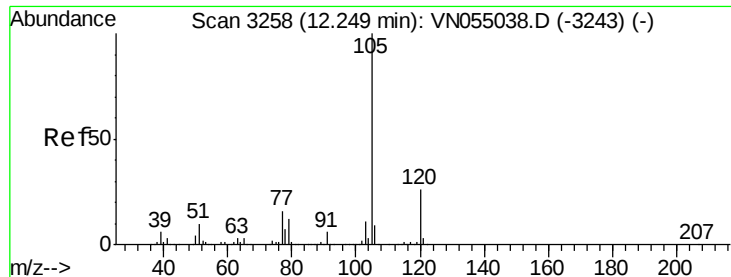


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 42.707 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

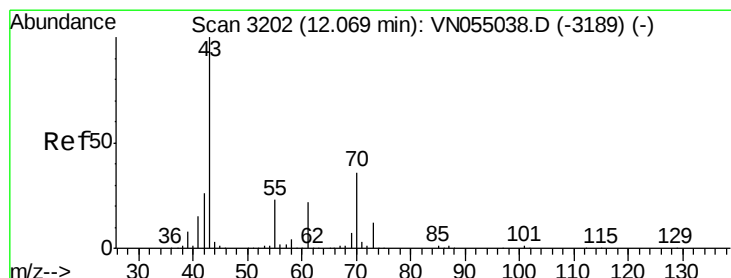
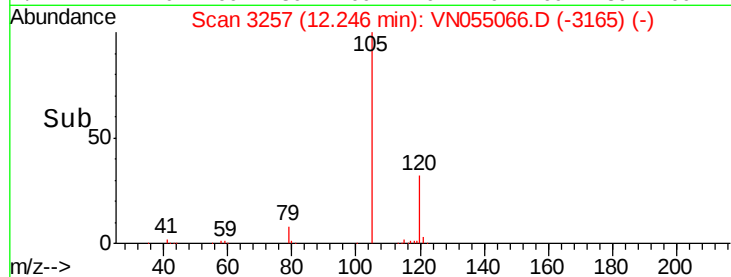
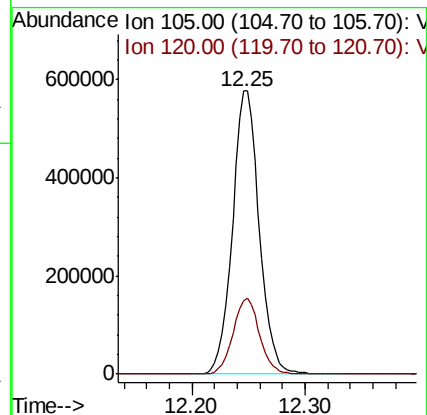
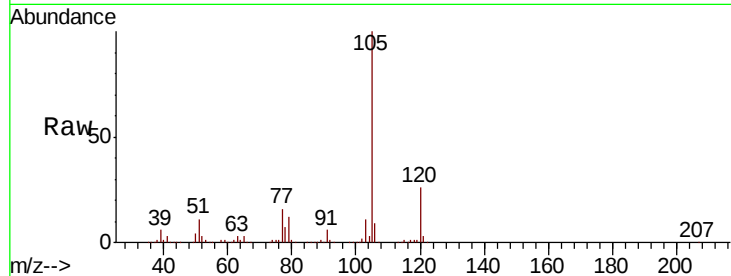
VSTDCCC050EC

Tot Ion:105 Resp: 946551

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 49.444 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Tgt Ion: 43 Resp: 308493

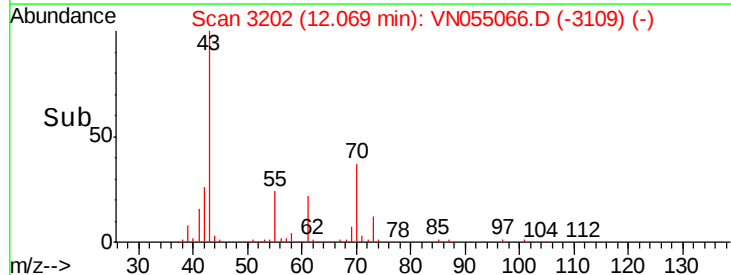
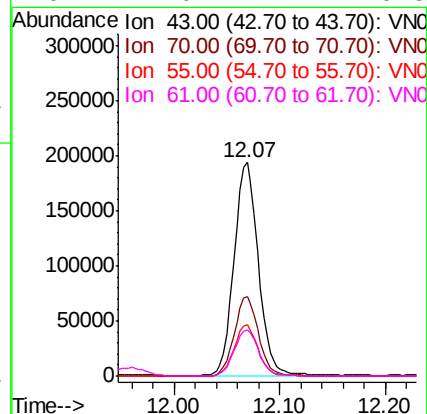
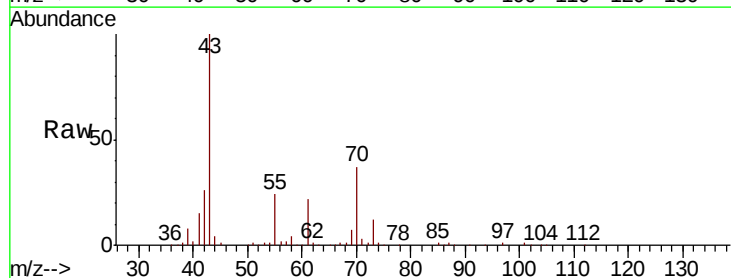
Ion Ratio Lower Upper

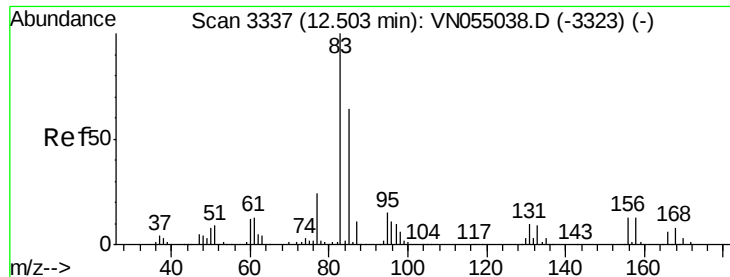
43 100

70 37.1 29.4 44.0

55 23.7 19.0 28.4

61 22.0 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 41.209 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

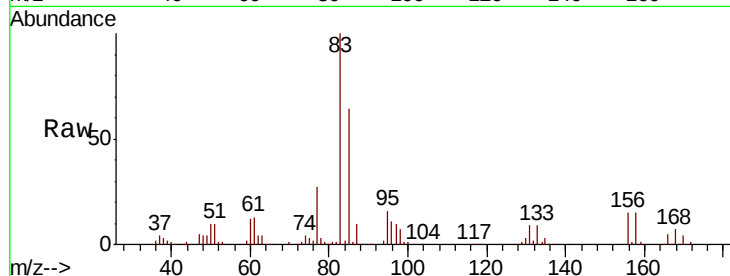
Tot Ion: 83 Resp: 244395

Ion Ratio Lower Upper

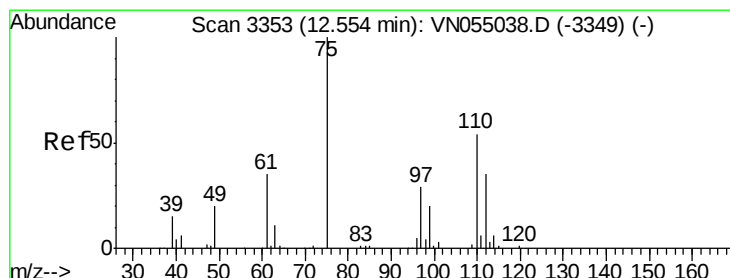
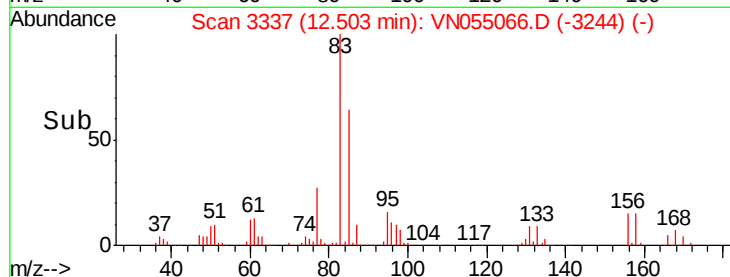
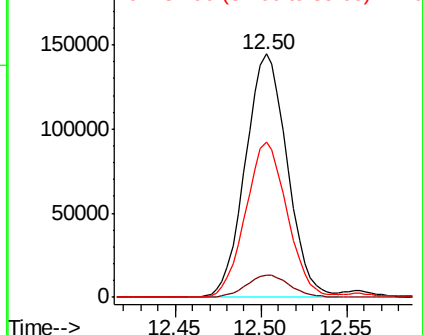
83 100

131 9.5 5.0 15.0

85 63.3 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VNO  
Ion 130.80 (130.50 to 131.50): VNO  
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 63.898 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055066.D

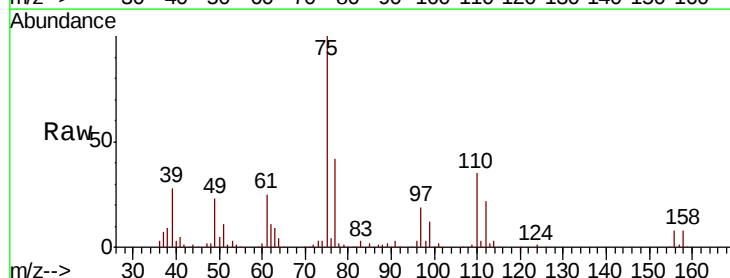
Acq: 16 Apr 2019 1:44

Tgt Ion: 75 Resp: 286999

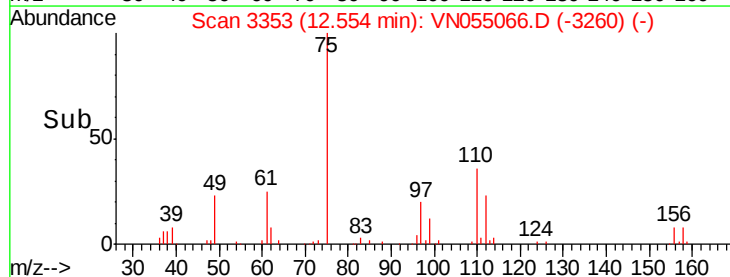
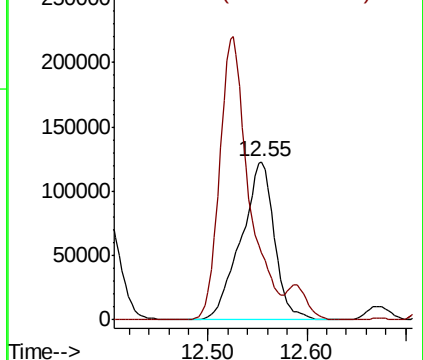
Ion Ratio Lower Upper

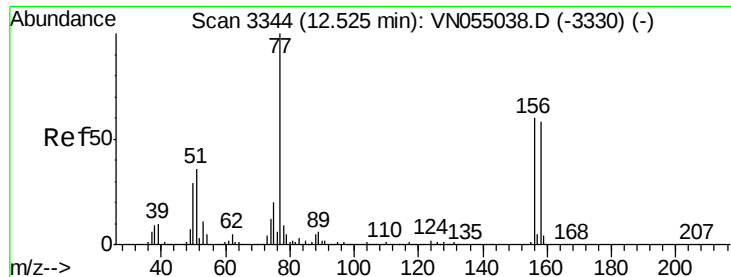
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO  
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 43.668 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

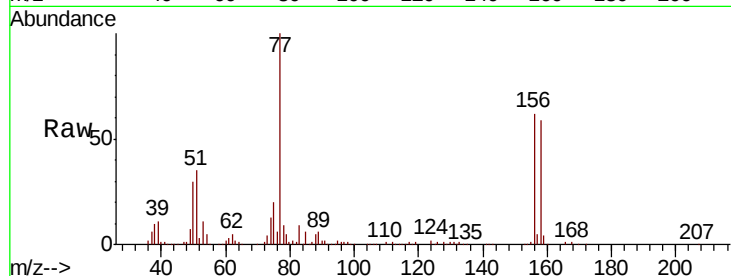
Tot Ion:156 Resp: 241291

Ion Ratio Lower Upper

156 100

77 189.5 97.2 291.5

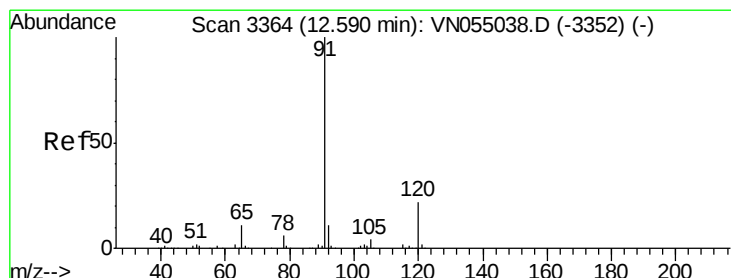
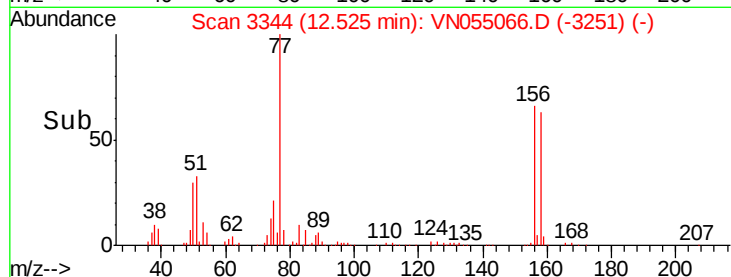
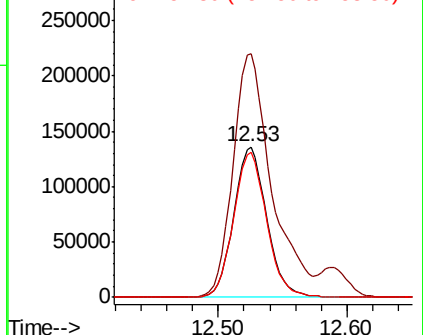
158 96.7 48.6 145.9



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: 44.402 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055066.D

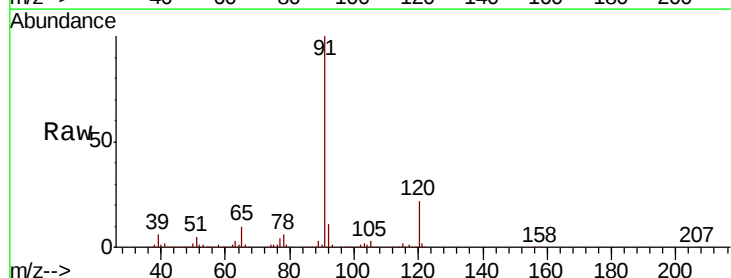
Acq: 16 Apr 2019 1:44

Tgt Ion: 91 Resp: 1063285

Ion Ratio Lower Upper

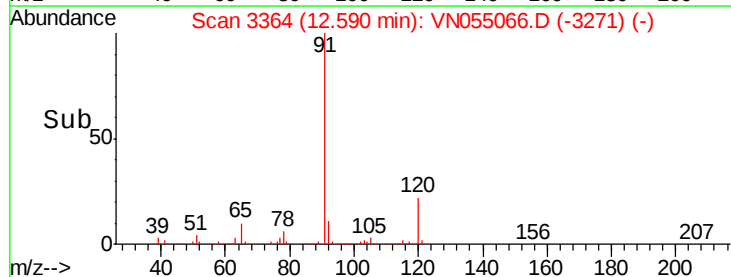
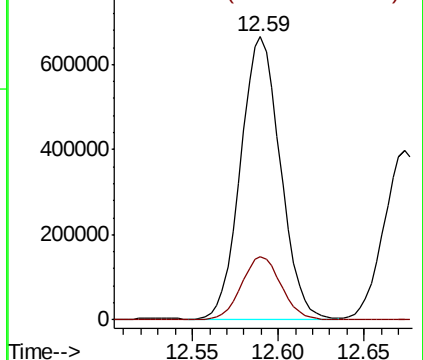
91 100

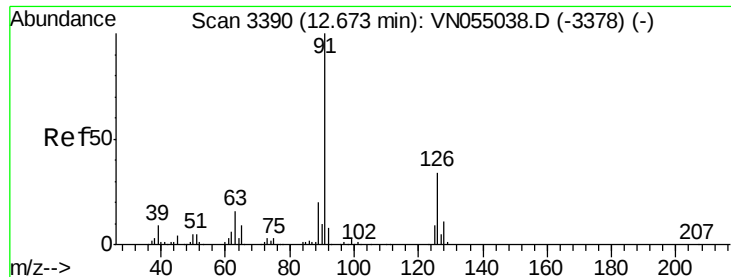
120 22.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.188 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

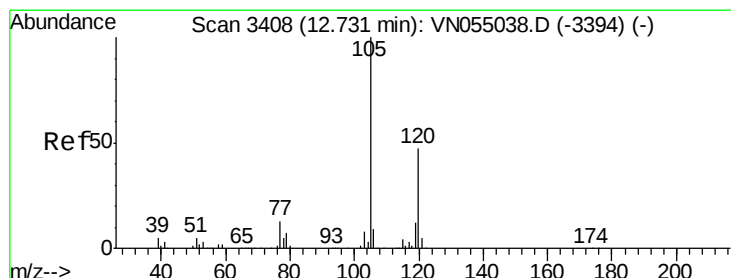
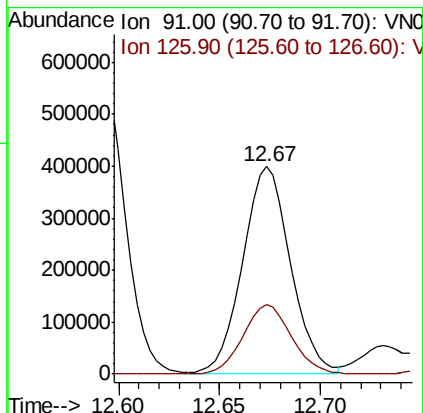
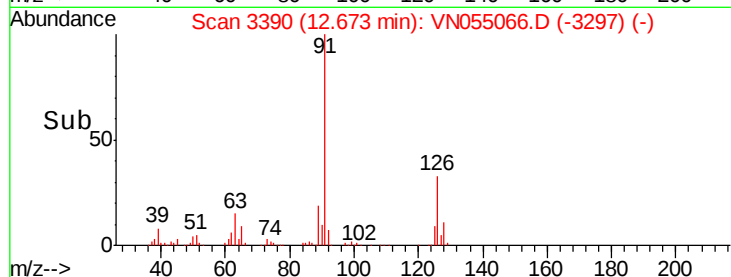
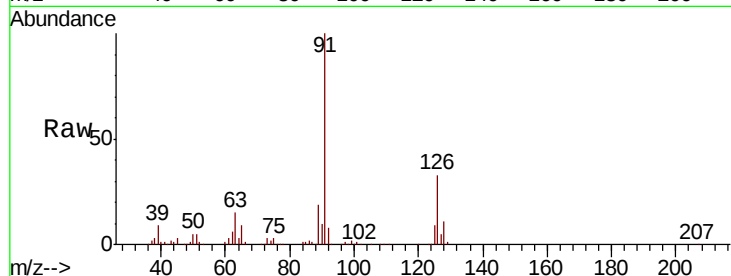
VSTDCCC050EC

Tot Ion: 91 Resp: 660009

Ion Ratio Lower Upper

91 100

126 34.2 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 44.322 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055066.D

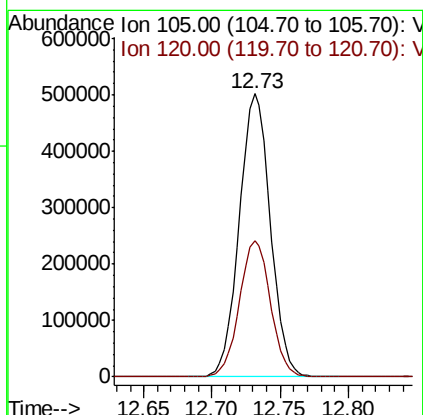
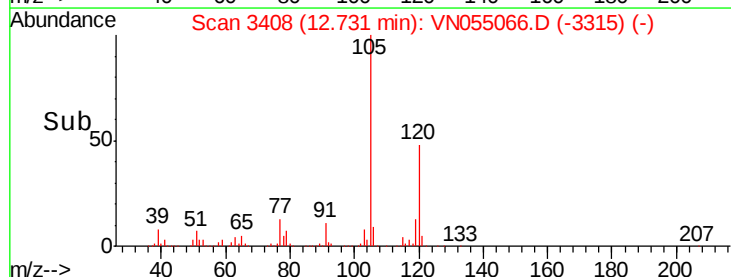
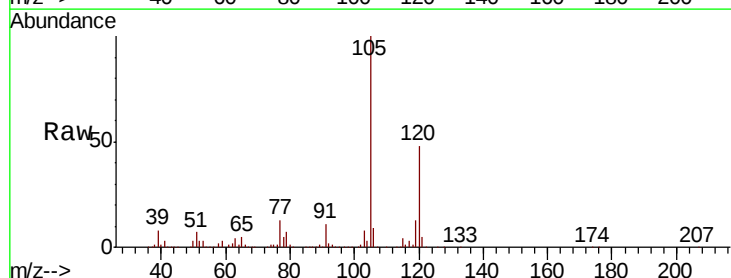
Acq: 16 Apr 2019 1:44

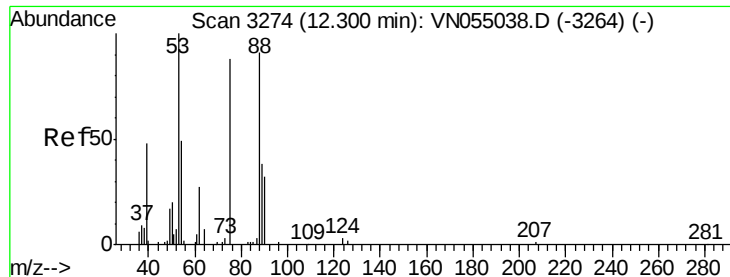
Tgt Ion: 105 Resp: 792760

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 44.141 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

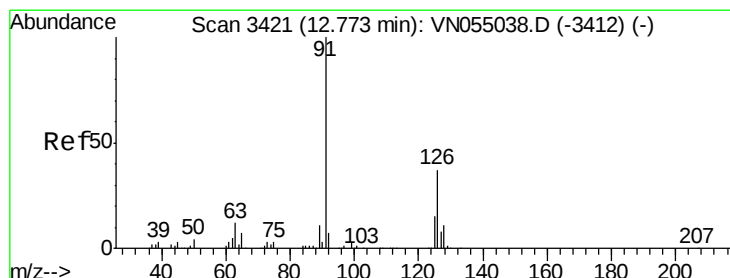
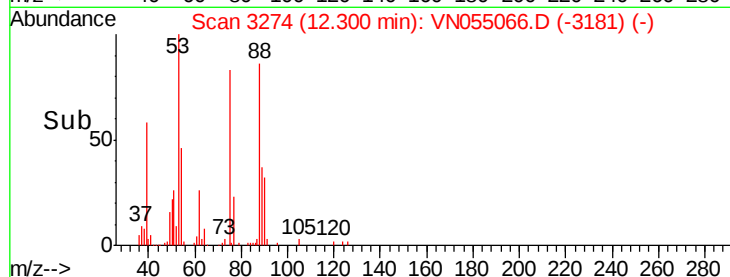
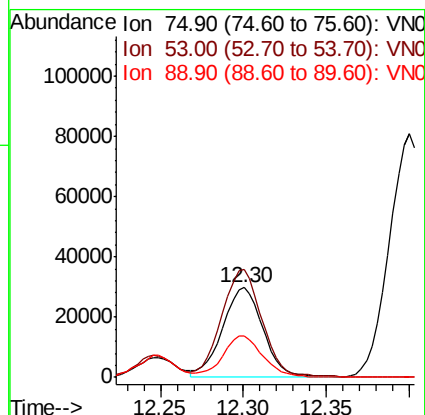
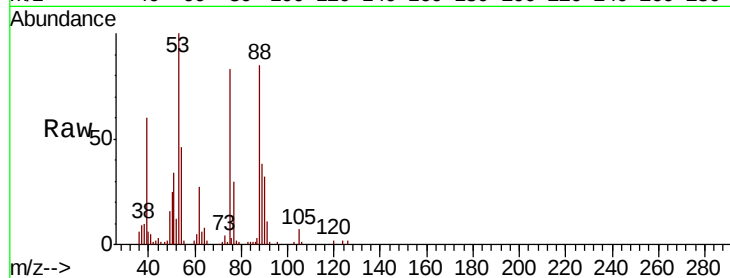
Tot Ion: 75 Resp: 49579

Ion Ratio Lower Upper

75 100

53 123.5 96.3 144.5

89 46.5 38.6 57.8



#82

4-Chlorotoluene

Concen: 46.100 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055066.D

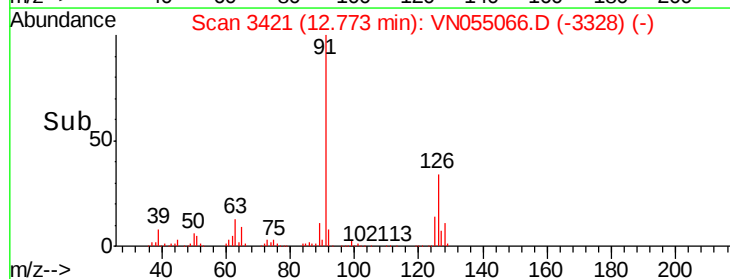
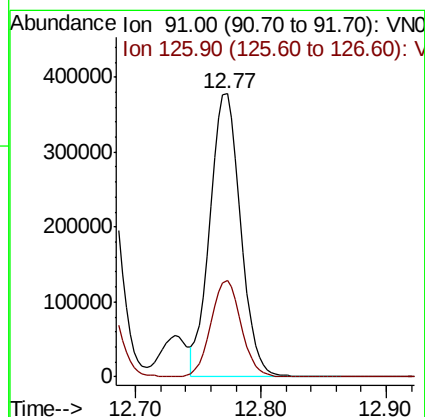
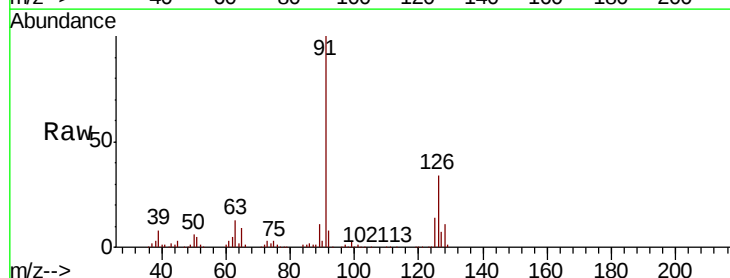
Acq: 16 Apr 2019 1:44

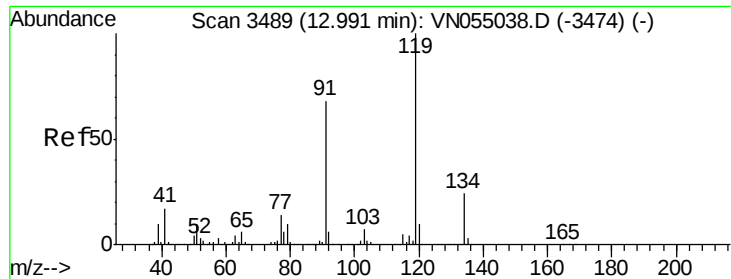
Tgt Ion: 91 Resp: 642409

Ion Ratio Lower Upper

91 100

126 33.8 16.4 49.2

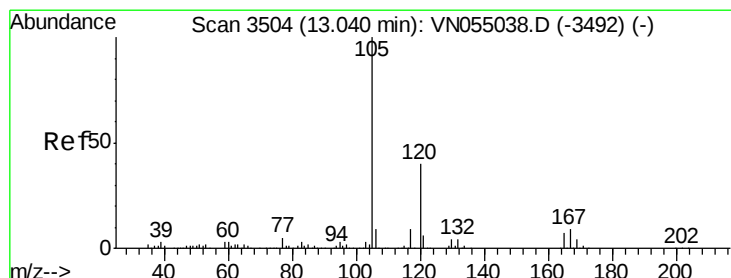
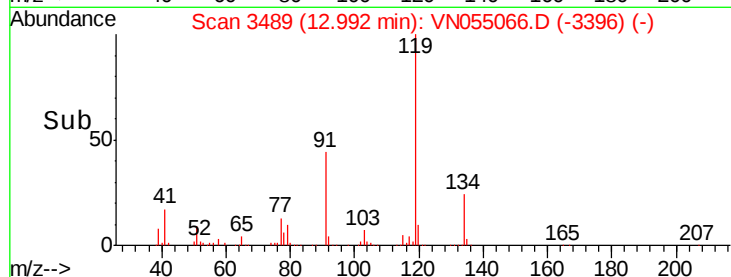
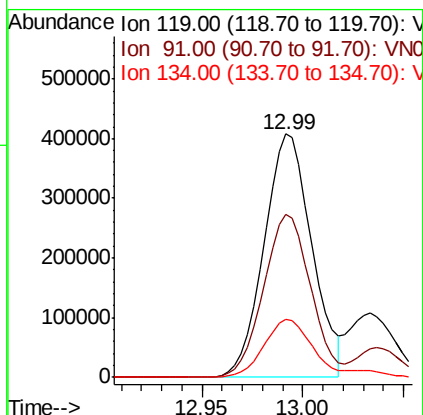
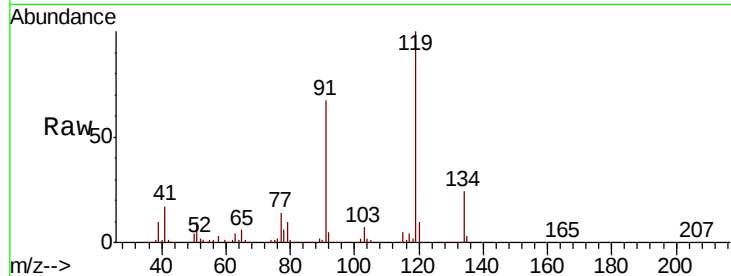




#83  
tert-Butylbenzene  
Concen: 44.363 ug/l  
RT: 12.99 min Scan# 3489  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

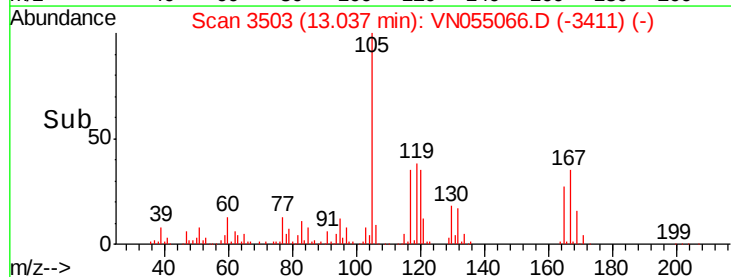
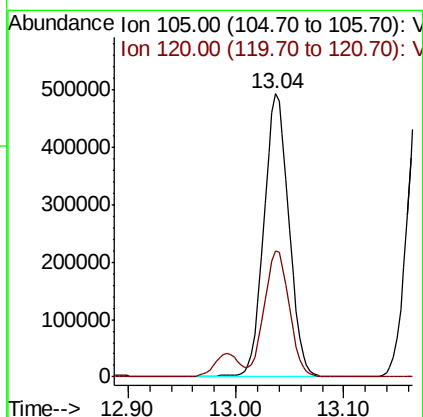
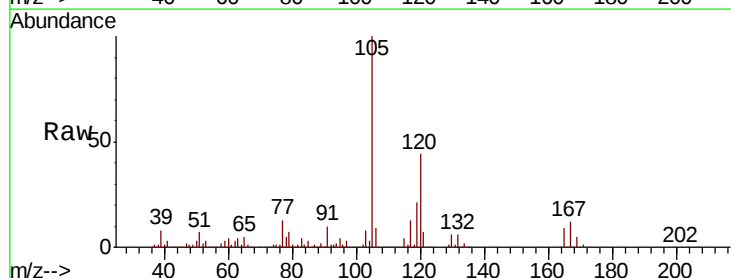
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

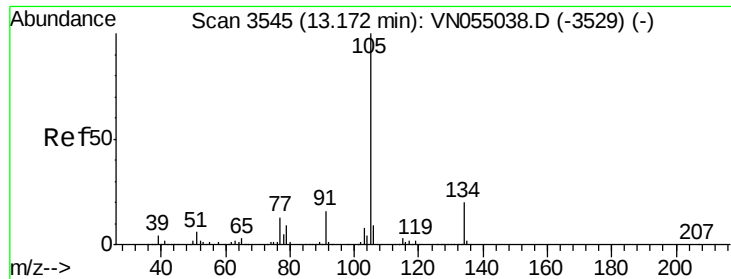
Tot Ion:119 Resp: 670123  
Ion Ratio Lower Upper  
119 100  
91 66.2 33.3 99.8  
134 24.2 12.3 36.9



#84  
1,2,4-Trimethylbenzene  
Concen: 46.710 ug/l  
RT: 13.04 min Scan# 3503  
Delta R.T. -0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion:105 Resp: 791769  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 44.519 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

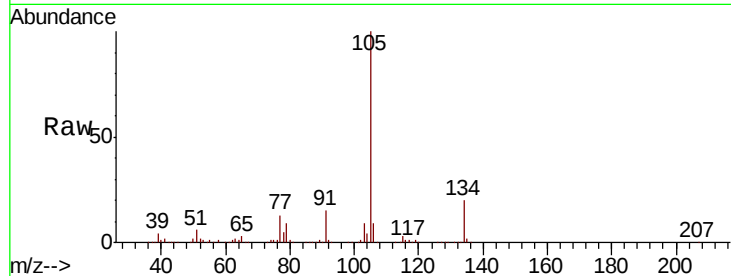
VSTDCCC050EC

Tot Ion:105 Resp: 856884

Ion Ratio Lower Upper

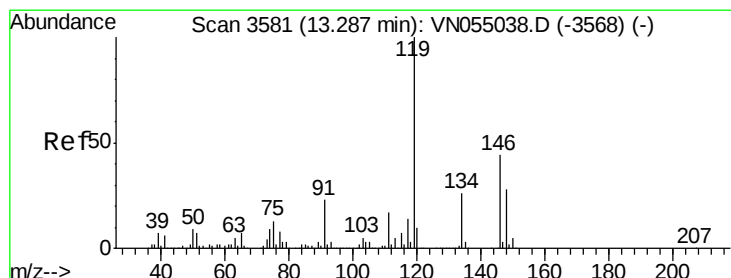
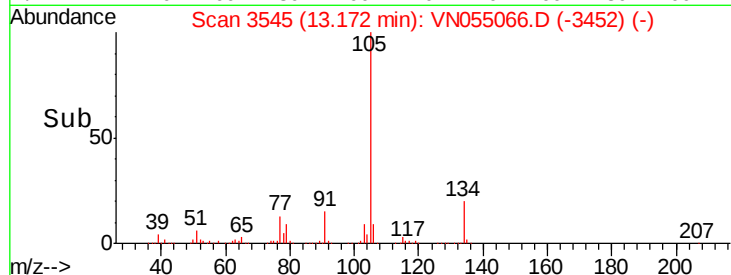
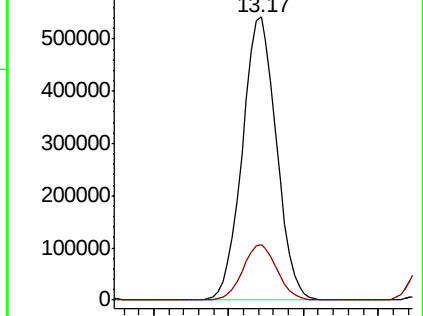
105 100

134 19.6 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.997 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

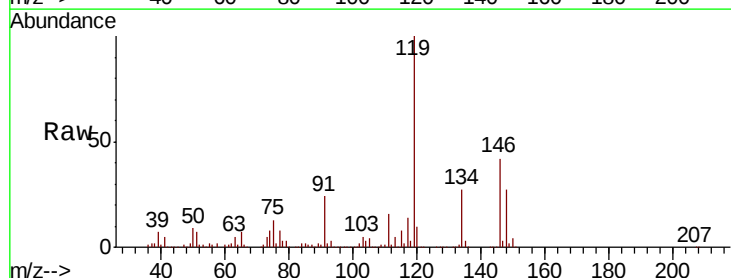
Tgt Ion:119 Resp: 759555

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

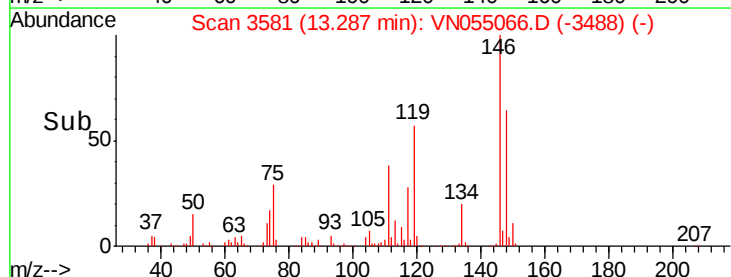
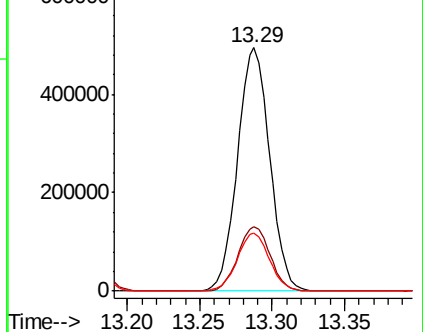
91 23.9 11.7 35.1

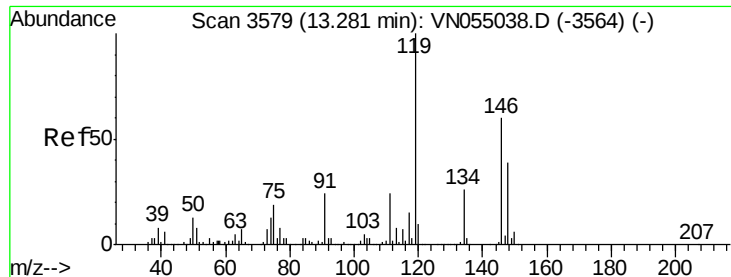


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

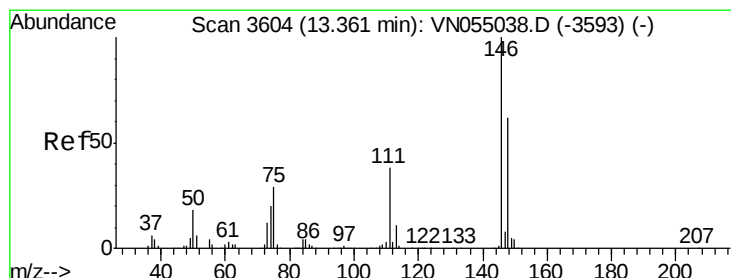
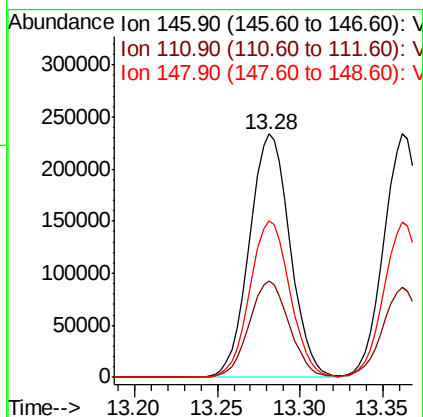
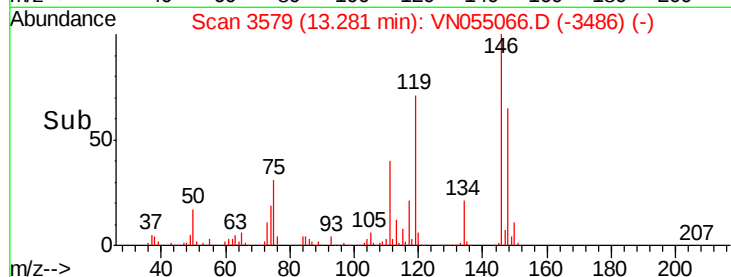
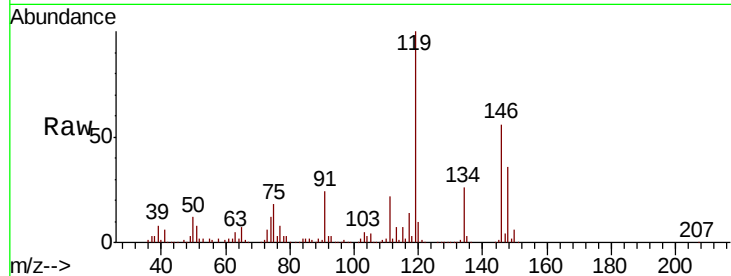




#87  
 1,3-Dichlorobenzene  
 Concen: 47.526 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. 0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

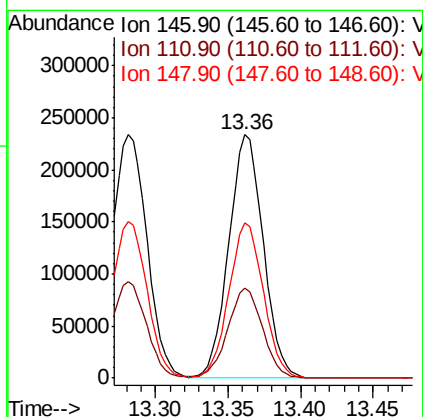
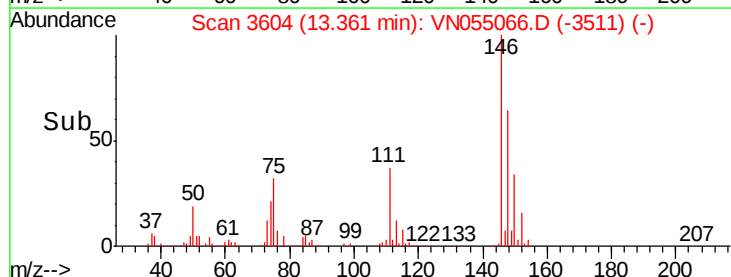
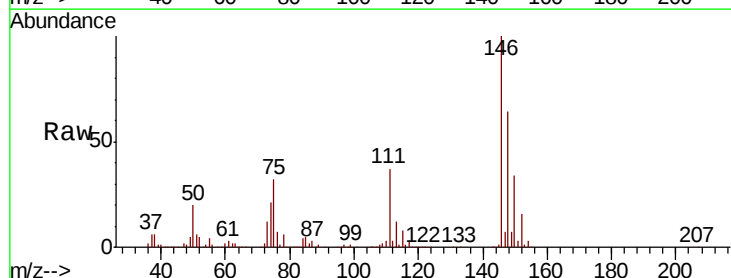
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

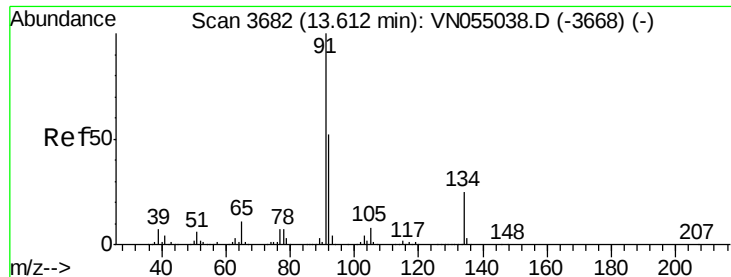
Tot Ion:146 Resp: 399162  
 Ion Ratio Lower Upper  
 146 100  
 111 39.1 19.5 58.5  
 148 63.6 31.6 94.7



#88  
 1,4-Dichlorobenzene  
 Concen: 48.022 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. 0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

Tgt Ion:146 Resp: 384609  
 Ion Ratio Lower Upper  
 146 100  
 111 37.3 18.8 56.4  
 148 64.0 32.4 97.2

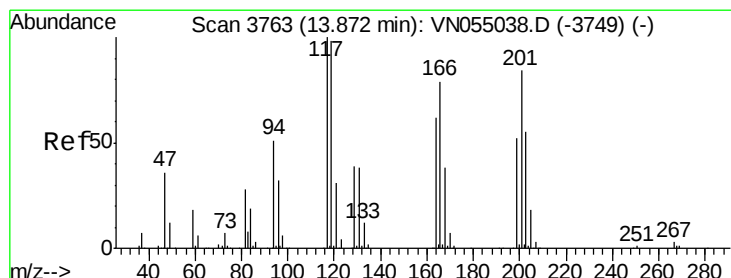
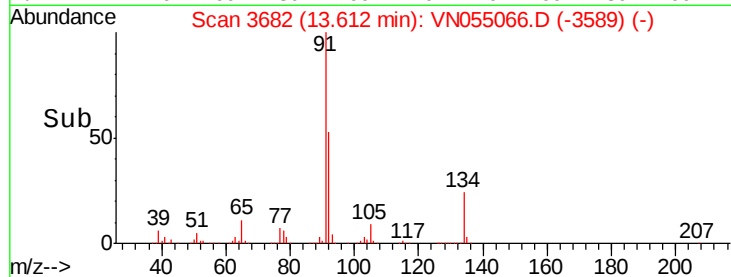
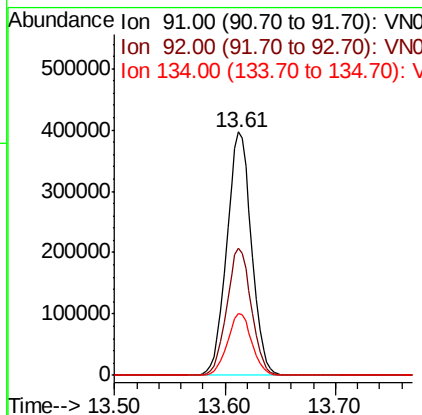
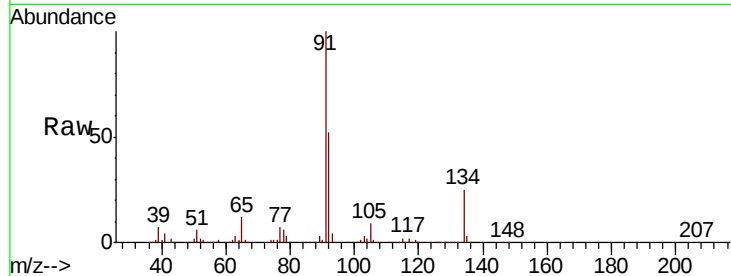




#89  
n-Butylbenzene  
Concen: 50.061 ug/l  
RT: 13.61 min Scan# 3682  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

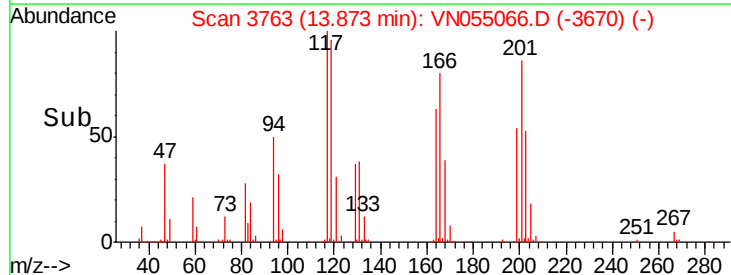
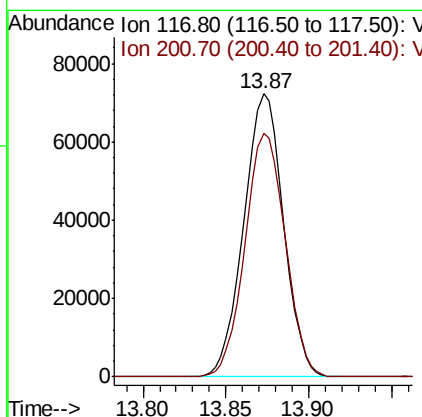
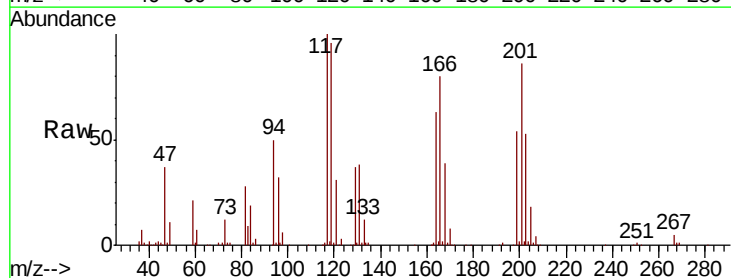
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

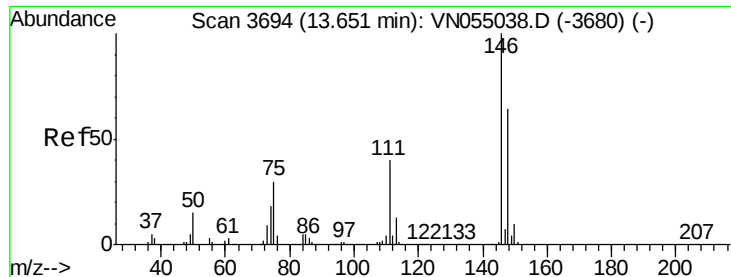
Tot Ion: 91 Resp: 613687  
Ion Ratio Lower Upper  
91 100  
92 52.0 25.9 77.7  
134 25.1 12.8 38.3



#90  
Hexachloroethane  
Concen: 44.908 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. 0.00 min  
Lab File: VN055066.D  
Acq: 16 Apr 2019 1:44

Tgt Ion: 117 Resp: 120664  
Ion Ratio Lower Upper  
117 100  
201 87.3 43.4 130.2





#91

1,2-Dichlorobenzene

Concen: 46.338 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

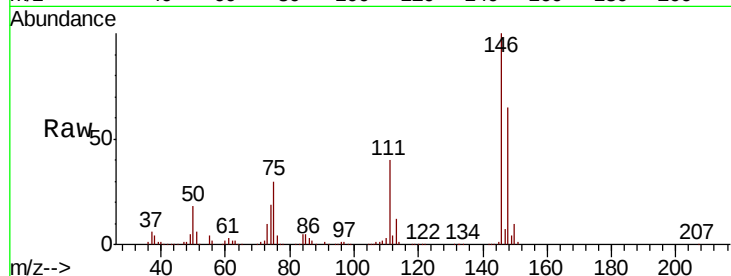
Tot Ion:146 Resp: 391568

Ion Ratio Lower Upper

146 100

111 39.6 20.3 60.9

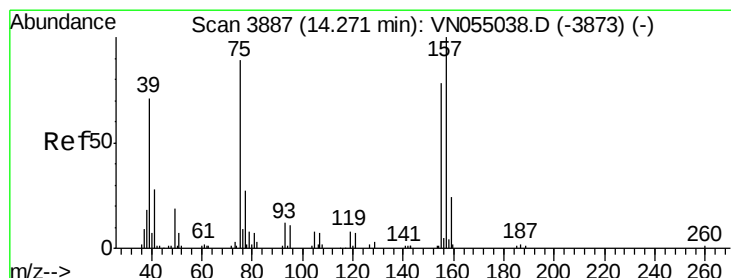
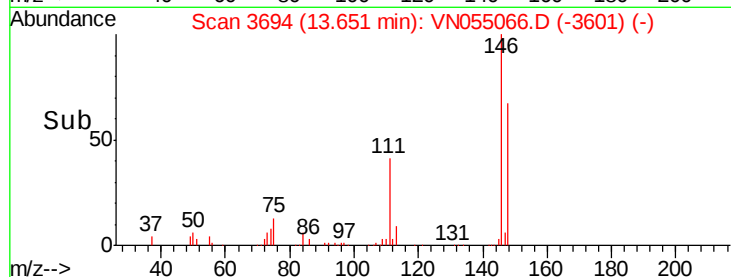
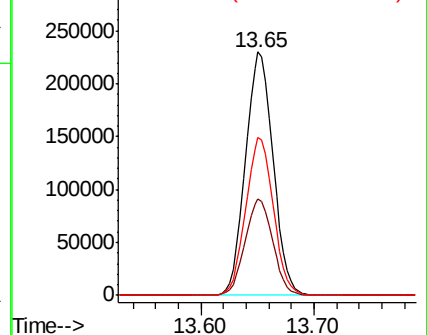
148 64.6 32.2 96.6



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: 44.822 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

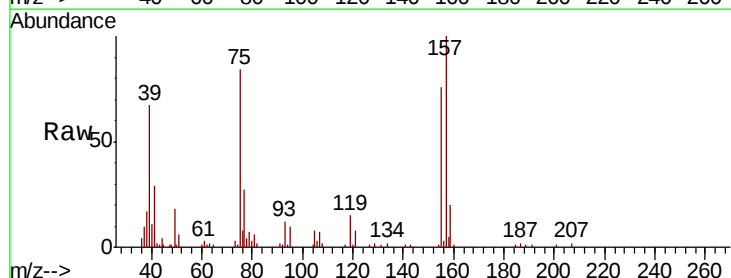
Tgt Ion: 75 Resp: 32734

Ion Ratio Lower Upper

75 100

155 87.9 42.0 126.0

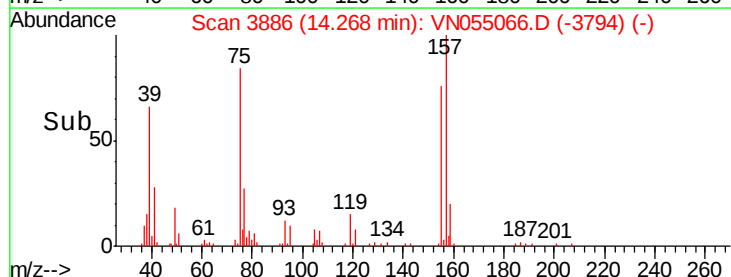
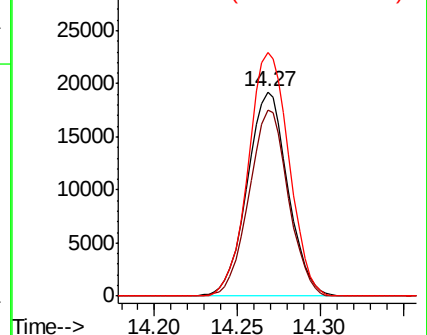
157 119.2 52.1 156.4

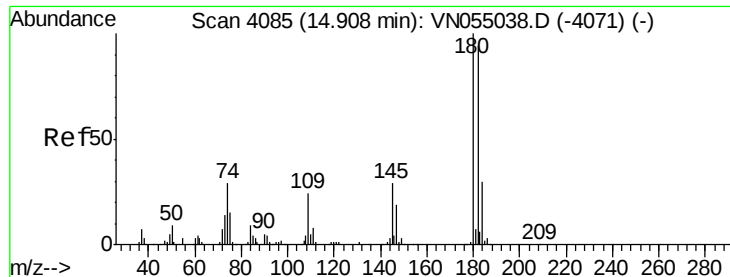


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

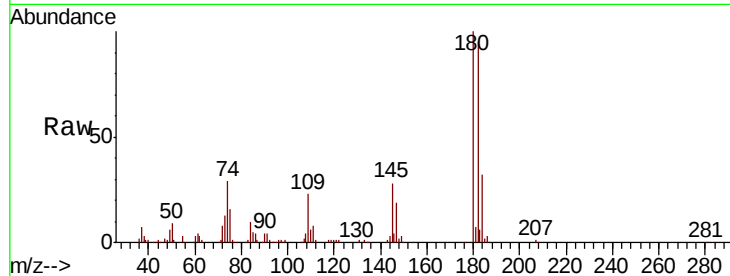




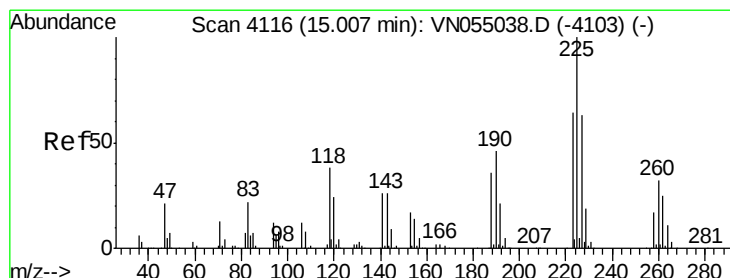
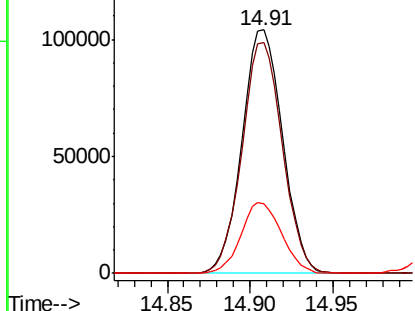
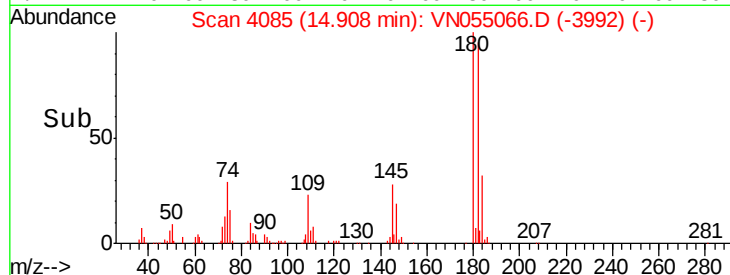
#93  
 1,2,4-Trichlorobenzene  
 Concen: 46.389 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:180 Resp: 176915  
 Ion Ratio Lower Upper  
 180 100  
 182 94.5 47.5 142.6  
 145 29.1 14.2 42.8

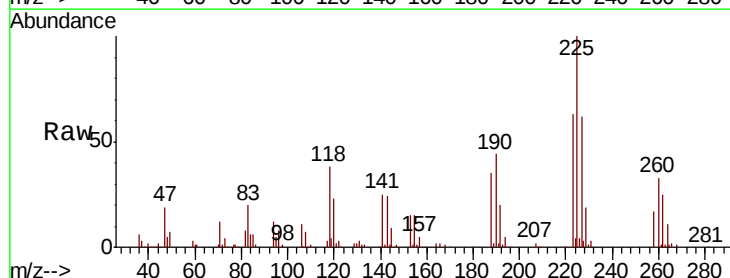


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

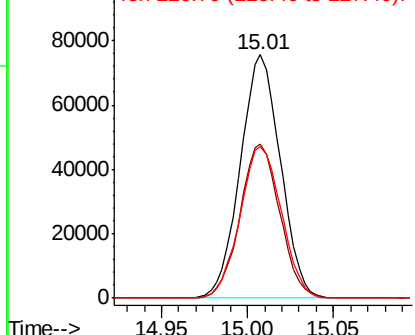
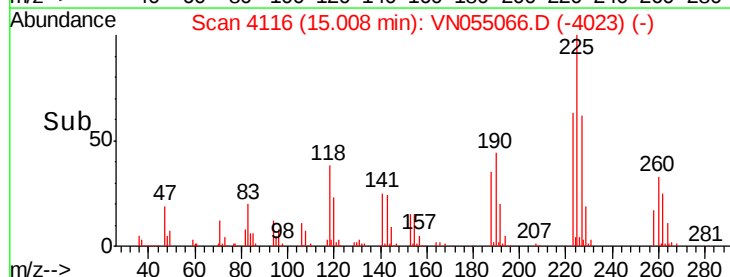


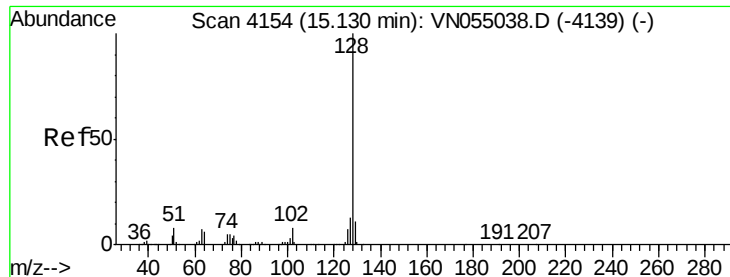
#94  
 Hexachlorobutadiene  
 Concen: 46.909 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN055066.D  
 Acq: 16 Apr 2019 1:44

Tgt Ion:225 Resp: 122435  
 Ion Ratio Lower Upper  
 225 100  
 223 62.8 31.4 94.0  
 227 64.3 32.6 97.7



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





#95

Naphthalene

Concen: 44.178 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

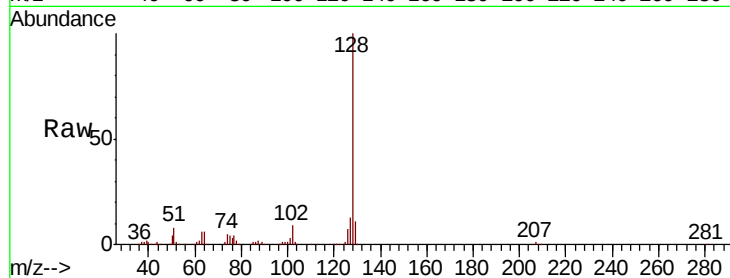
Tot Ion:128 Resp: 392469

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

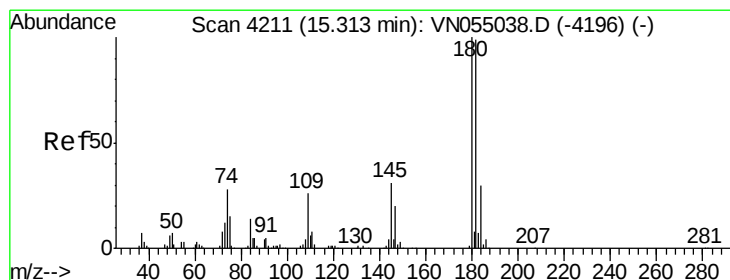
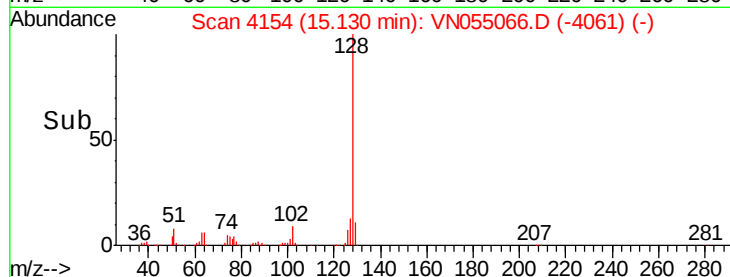
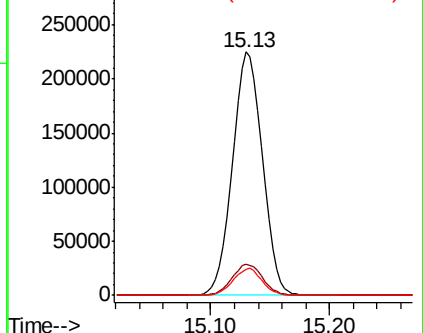
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.881 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055066.D

Acq: 16 Apr 2019 1:44

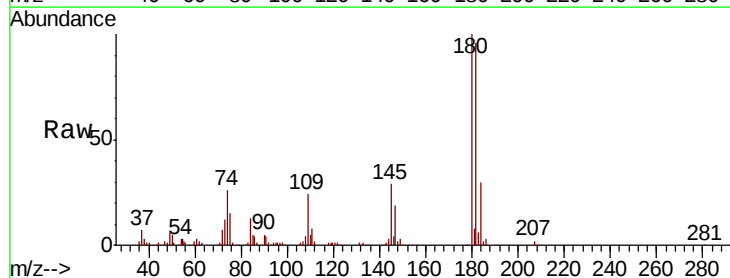
Tgt Ion:180 Resp: 178908

Ion Ratio Lower Upper

180 100

182 96.3 48.0 144.0

145 30.9 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

