

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050119\  
 Data File : VN055320.D  
 Acq On : 1 May 2019 11:20  
 Operator : JC/SP  
 Sample : VN0501WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBS01

Quant Time: May 02 01:48:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 30 07:16:52 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 371817   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 611609   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 531395   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 203882   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 252801   | 51.97 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.94% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 201787   | 50.27 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.54% |          |
| 50) Toluene-d8              | 10.09 | 98   | 739421   | 51.01 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.02% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 239269   | 52.81 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.62% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 91491    | 20.083  | ug/l   | 99     |
| 3) Chloromethane              | 2.06 | 50   | 109173   | 19.354  | ug/l   | 96     |
| 4) Vinyl Chloride             | 2.19 | 62   | 85861    | 18.883  | ug/l   | 99     |
| 5) Bromomethane               | 2.56 | 94   | 47889    | 19.883  | ug/l   | 93     |
| 6) Chloroethane               | 2.70 | 64   | 45863    | 18.619  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 3.02 | 101  | 125680   | 19.438  | ug/l   | 94     |
| 8) Diethyl Ether              | 3.41 | 74   | 45232    | 19.995  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101  | 76219    | 19.796  | ug/l   | 99     |
| 10) Methyl Iodide             | 3.95 | 142  | 106282   | 19.614  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.79 | 59   | 31329    | 112.496 | ug/l # | 73     |
| 12) 1,1-Dichloroethene        | 3.74 | 96   | 71438    | 19.450  | ug/l   | 98     |
| 13) Acrolein                  | 3.62 | 56   | 20769    | 95.494  | ug/l   | 98     |
| 14) Allyl chloride            | 4.33 | 41   | 147819   | 19.432  | ug/l   | 99     |
| 15) Acrylonitrile             | 4.99 | 53   | 166604   | 106.432 | ug/l   | 98     |
| 16) Acetone                   | 3.82 | 43   | 152971   | 100.929 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.06 | 76   | 176544   | 18.418  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.33 | 43   | 85166    | 22.497  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 214657   | 20.789  | ug/l   | 98     |
| 20) Methylene Chloride        | 4.55 | 84   | 89184    | 19.278  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96   | 75653    | 19.449  | ug/l   | 98     |
| 22) Diisopropyl ether         | 5.95 | 45   | 306783   | 20.297  | ug/l   | 93     |
| 23) Vinyl Acetate             | 5.90 | 43   | 1045832  | 105.576 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 163996   | 20.364  | ug/l   | 99     |
| 25) 2-Butanone                | 6.84 | 43   | 206732   | 106.657 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 111533   | 20.056  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 90176    | 20.385  | ug/l   | 100    |
| 28) Bromochloromethane        | 7.20 | 49   | 86659    | 21.348  | ug/l   | 97     |
| 29) Tetrahydrofuran           | 7.21 | 42   | 135959   | 109.544 | ug/l   | 99     |
| 30) Chloroform                | 7.37 | 83   | 154322   | 20.215  | ug/l   | 99     |
| 31) Cyclohexane               | 7.65 | 56   | 149285   | 19.511  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 122977   | 19.849  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 108154   | 18.462  | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.93 | 43   | 85936    | 19.140  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 100169   | 17.725  | ug/l   | 98     |

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 Acq On : 1 May 2019 11:20  
 Operator : JC/SP  
 Sample : VN0501WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBS01

Quant Time: May 02 01:48:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 30 07:16:52 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 115754   | 18.584  | ug/l   | 96       |
| 40) Benzene                    | 8.04  | 78   | 335361   | 19.419  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.18  | 41   | 47815    | 20.126  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 122788   | 20.074  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.16  | 43   | 151515   | 20.999  | ug/l   | 99       |
| 44) Trichloroethene            | 8.84  | 130  | 82849    | 18.818  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 98989    | 19.874  | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 54153    | 19.890  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.40  | 83   | 114953   | 19.681  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 68388    | 19.280  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 17016    | 464.055 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 425418   | 104.720 | ug/l   | 98       |
| 52) Toluene                    | 10.16 | 92   | 198971   | 20.080  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 102550   | 20.225  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 125396   | 19.836  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 75797    | 20.599  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 93686    | 20.686  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 128400   | 19.892  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 123666   | 96.022  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 274330   | 107.927 | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.90 | 129  | 77952    | 20.728  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 70111    | 20.615  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.63 | 164  | 79402    | 18.272  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 199549   | 19.207  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 76956    | 18.917  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.51 | 91   | 365707   | 19.493  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 266880   | 39.852  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 128949   | 19.427  | ug/l   | 98       |
| 70) Styrene                    | 11.96 | 104  | 214461   | 21.043  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 47042    | 20.839  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 355563   | 20.022  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 103100   | 19.704  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 91756    | 20.861  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 106434   | 26.923  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 84129    | 20.321  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 384956   | 18.381  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 245309   | 20.637  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 290783   | 18.192  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 20211    | 18.786  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 224570   | 18.442  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 247150   | 20.105  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 275011   | 19.238  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 319128   | 18.369  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 271085   | 18.985  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 132330   | 19.396  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 126247   | 19.650  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.61 | 91   | 192204   | 18.943  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.87 | 117  | 45076    | 18.959  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 129937   | 19.216  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 11961    | 22.300  | ug/l   | 94       |

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Acq On : 1 May 2019 11:20  
Operator : JC/SP  
Sample : VN0501WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 6 Sample Multiplier: 1

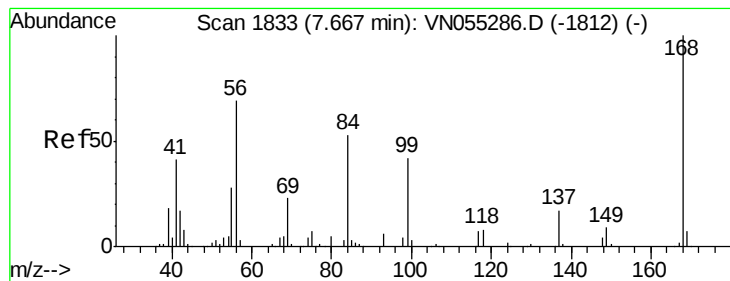
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBS01

Quant Time: May 02 01:48:13 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 30 07:16:52 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 38957    | 16.957 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 47680    | 21.858 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 80730    | 16.626 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 41853    | 17.722 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampleId :

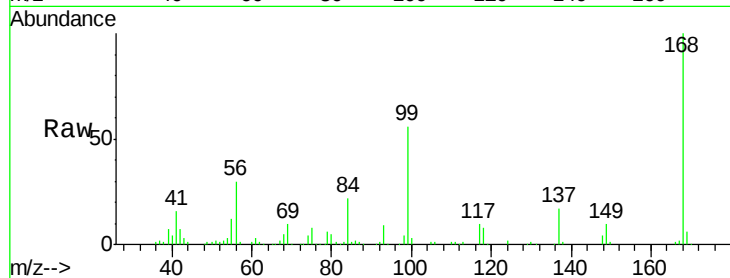
VN0501WBS01

Tot Ion:168 Resp: 371817

Ion Ratio Lower Upper

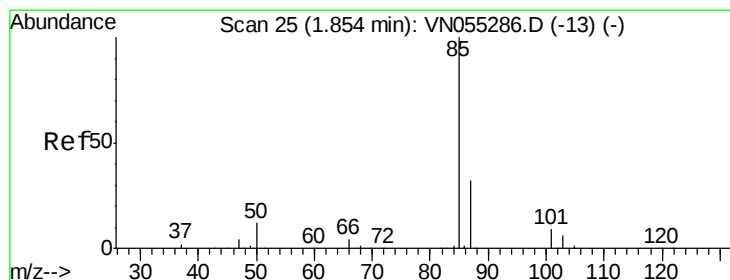
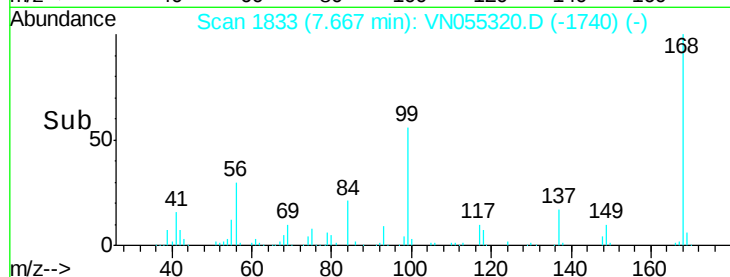
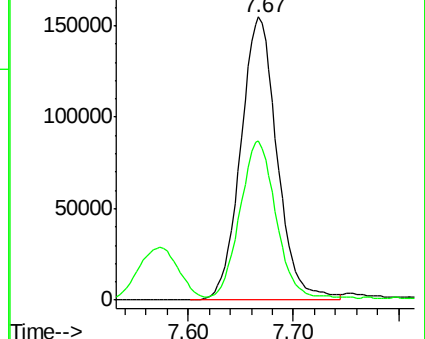
168 100

99 55.0 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 20.083 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055320.D

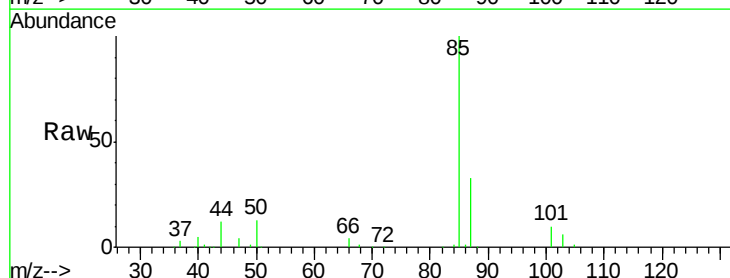
Acq: 1 May 2019 11:20

Tgt Ion: 85 Resp: 91491

Ion Ratio Lower Upper

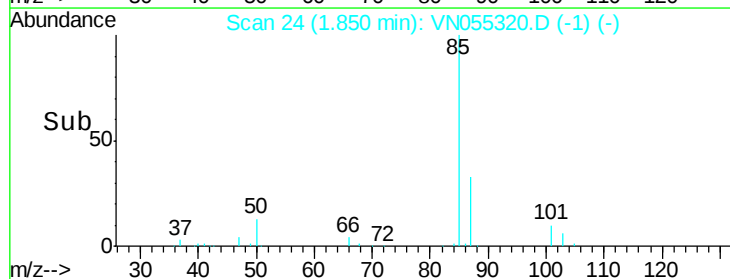
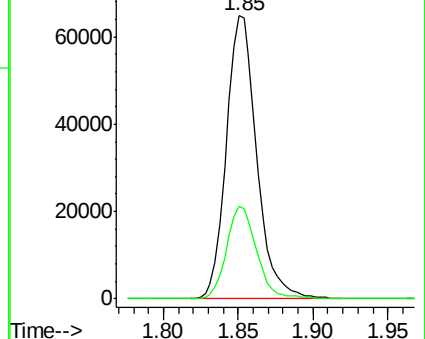
85 100

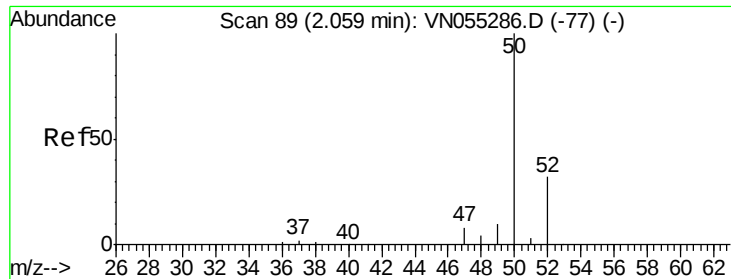
87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 19.354 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampled :

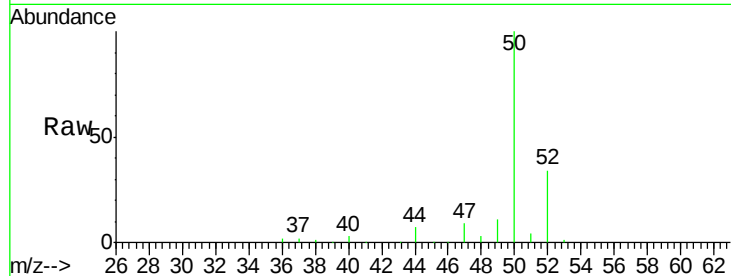
VN0501WBS01

Tot Ion: 50 Resp: 109173

Ion Ratio Lower Upper

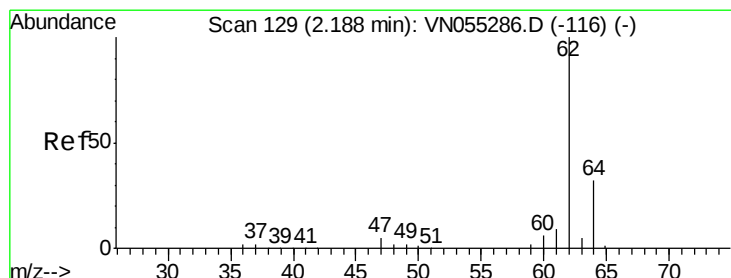
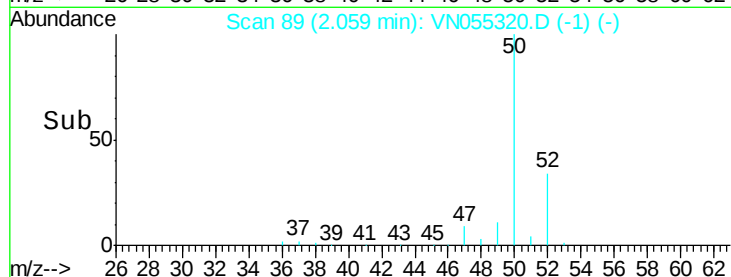
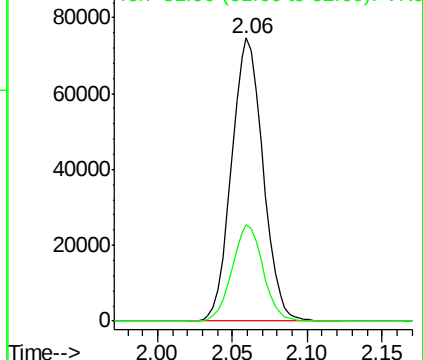
50 100

52 34.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 18.883 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055320.D

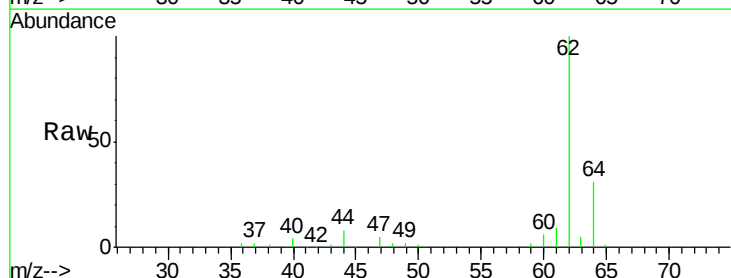
Acq: 1 May 2019 11:20

Tgt Ion: 62 Resp: 85861

Ion Ratio Lower Upper

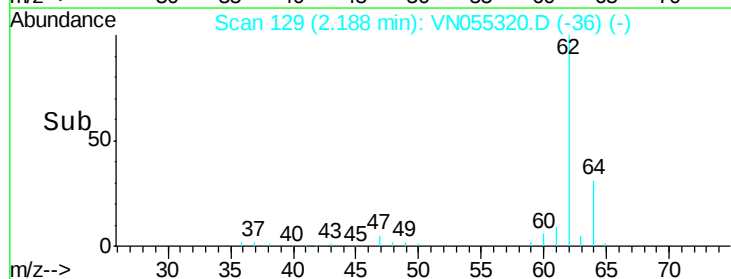
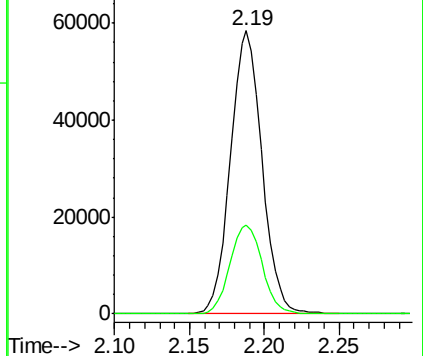
62 100

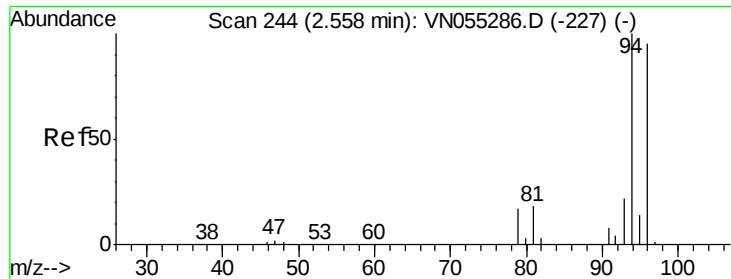
64 31.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

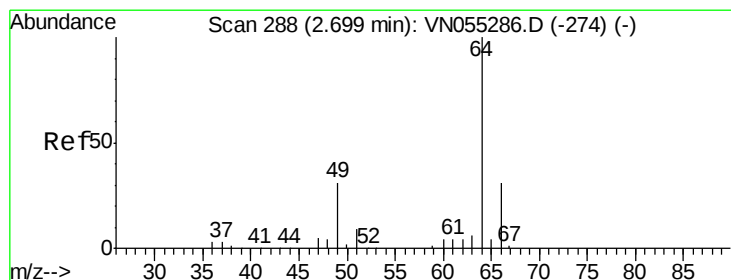
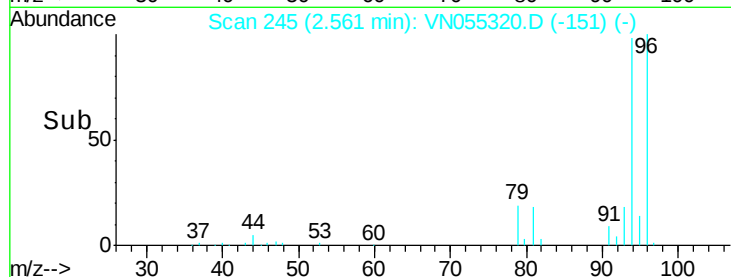
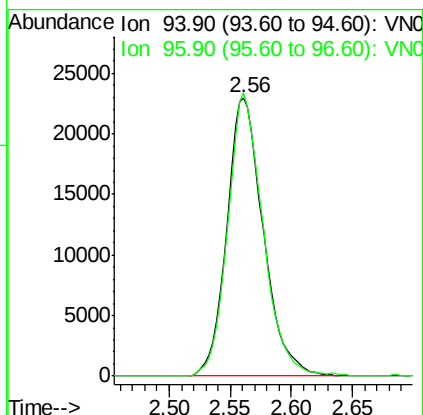
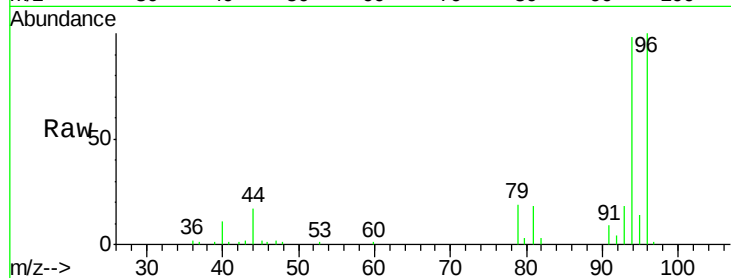




#5  
Bromomethane  
Concen: 19.883 ug/l  
RT: 2.56 min Scan# 245  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

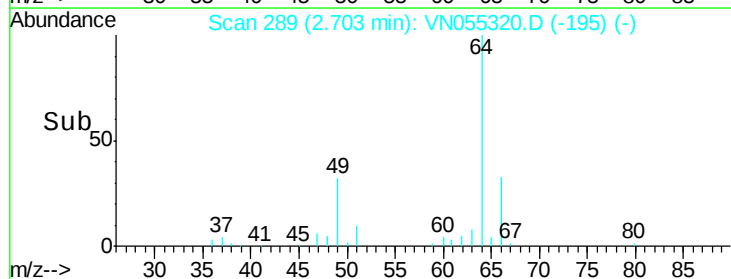
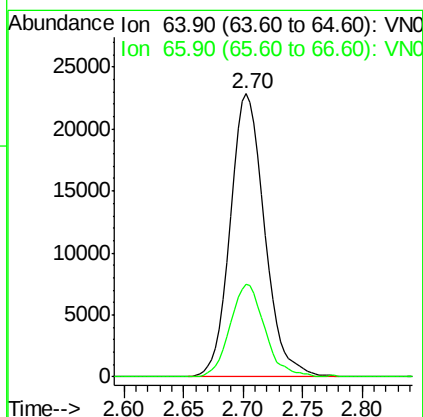
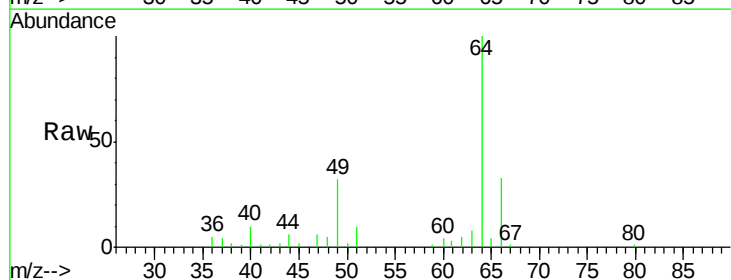
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBS01

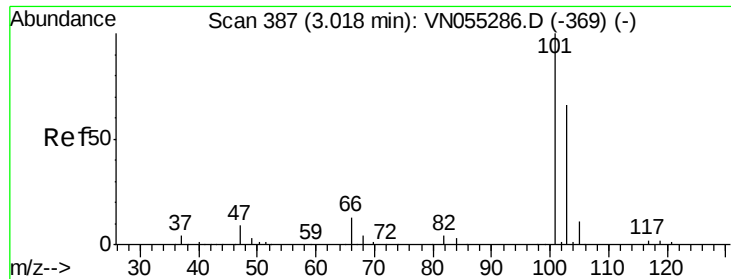
Tot Ion: 94 Resp: 47889  
Ion Ratio Lower Upper  
94 100  
96 101.6 76.0 114.0



#6  
Chloroethane  
Concen: 18.619 ug/l  
RT: 2.70 min Scan# 289  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Tgt Ion: 64 Resp: 45863  
Ion Ratio Lower Upper  
64 100  
66 32.7 25.0 37.4



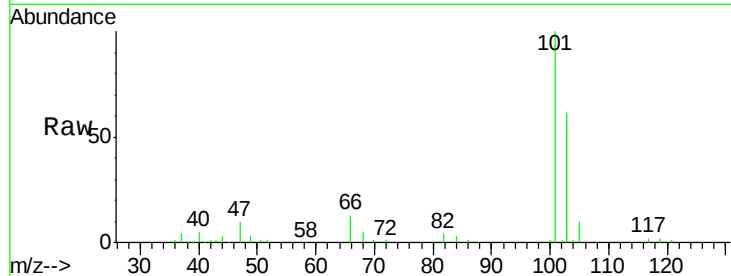


#7

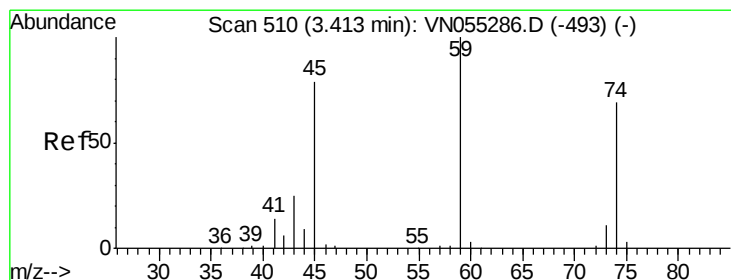
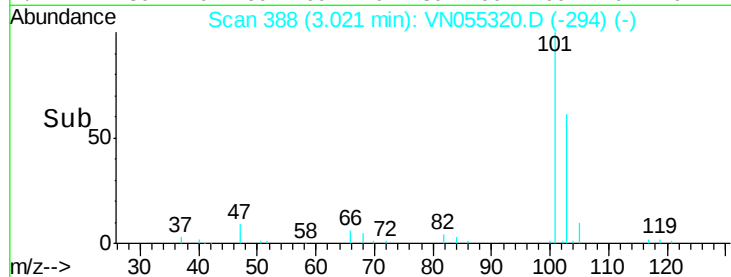
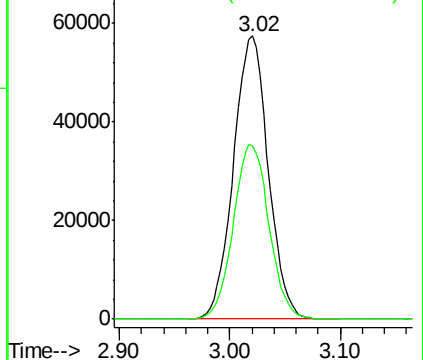
Trichlorofluoromethane  
 Concen: 19.438 ug/l  
 RT: 3.02 min Scan# 388  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBS01

Tot Ion:101 Resp: 125680  
 Ion Ratio Lower Upper  
 101 100  
 103 61.0 52.6 79.0



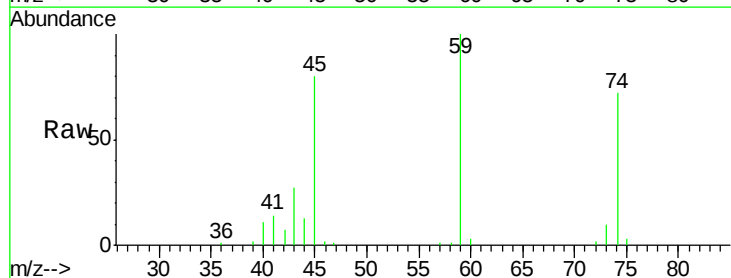
Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 102.80 (102.50 to 103.50): V



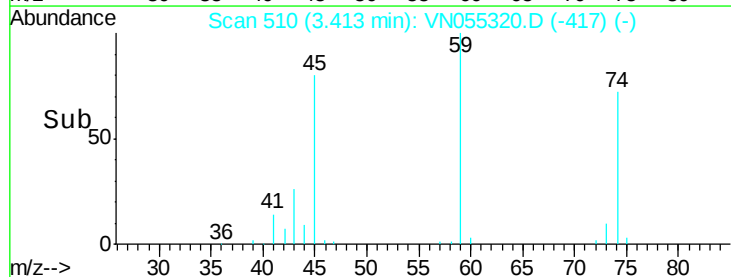
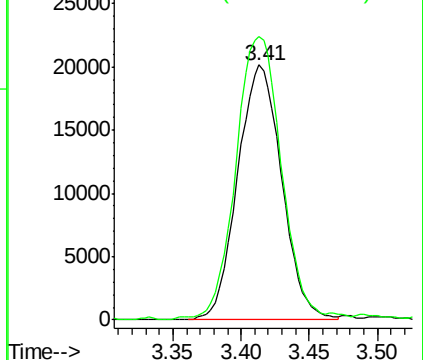
#8

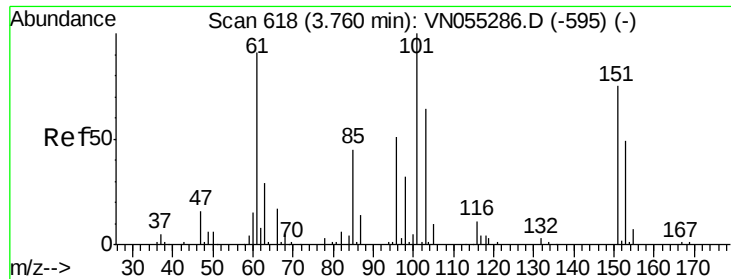
Diethyl Ether  
 Concen: 19.995 ug/l  
 RT: 3.41 min Scan# 510  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

Tgt Ion: 74 Resp: 45232  
 Ion Ratio Lower Upper  
 74 100  
 45 114.9 58.9 176.6



Abundance Ion 74.00 (73.70 to 74.70): VNO  
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.796 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBS01

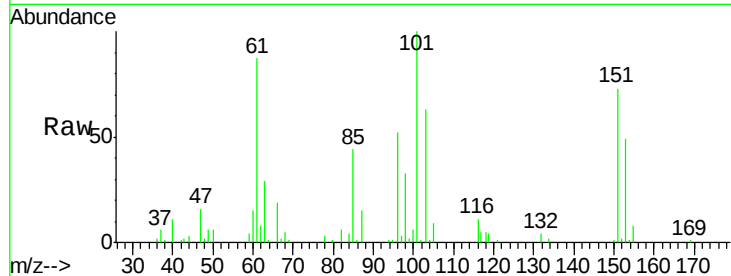
Tot Ion:101 Resp: 76219

Ion Ratio Lower Upper

101 100

85 44.6 35.7 53.5

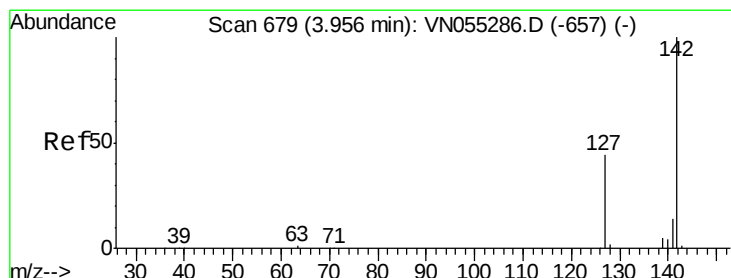
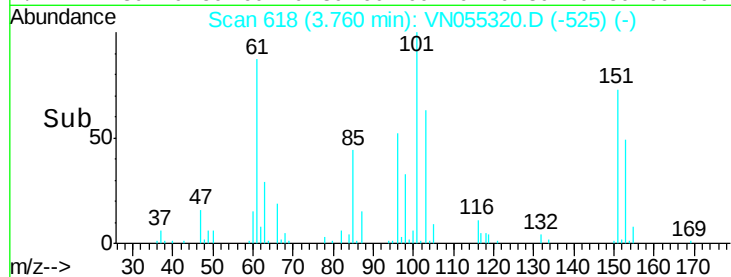
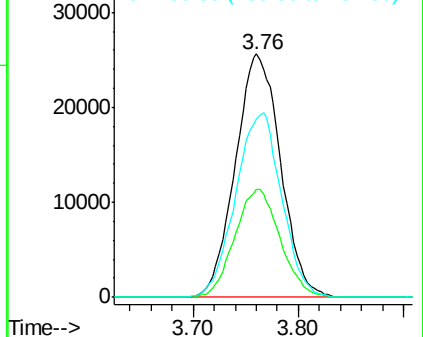
151 77.3 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.614 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

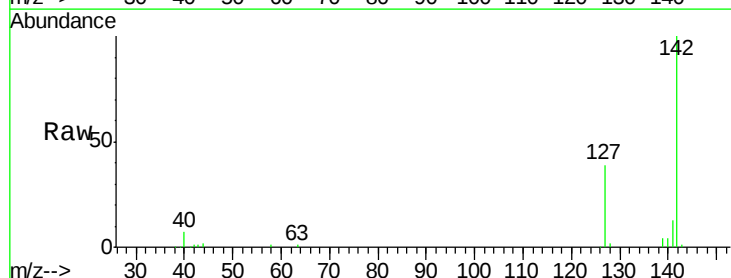
Tgt Ion:142 Resp: 106282

Ion Ratio Lower Upper

142 100

127 41.9 34.4 51.6

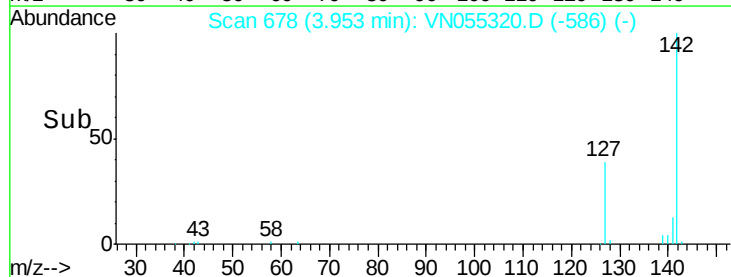
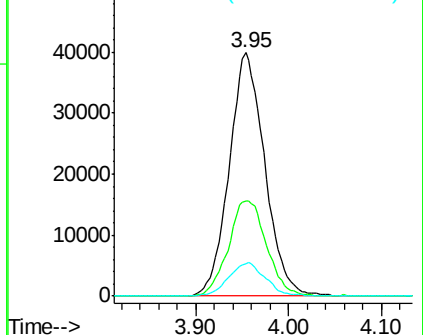
141 14.1 11.5 17.3

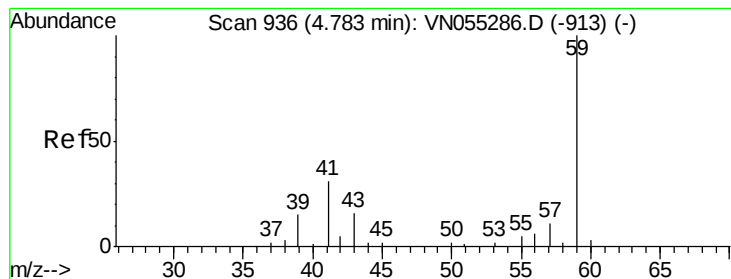


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



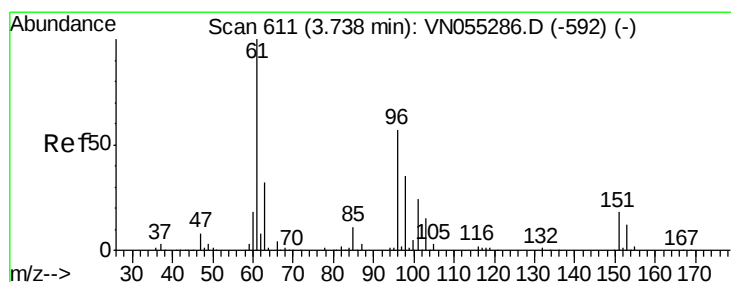
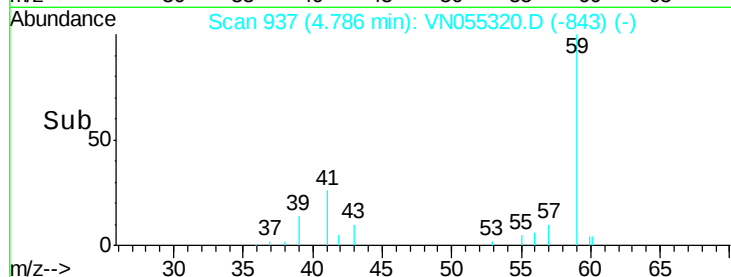
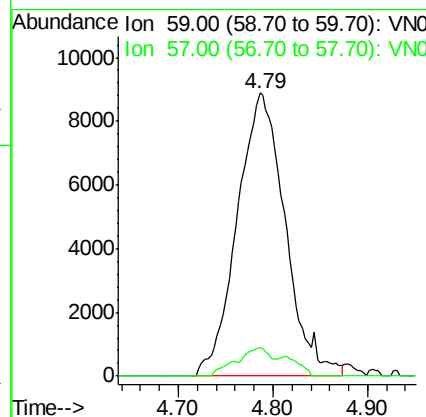
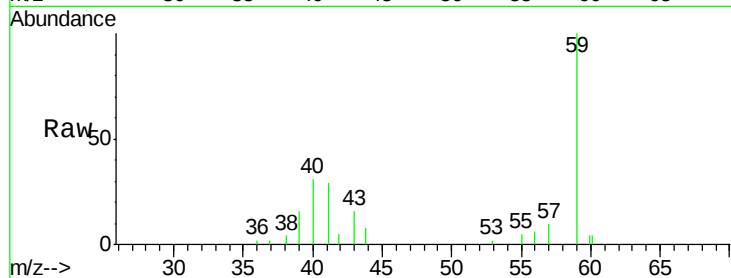


#11

Tert butyl alcohol  
 Concen: 112.496 ug/l  
 RT: 4.79 min Scan# 937  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBS01

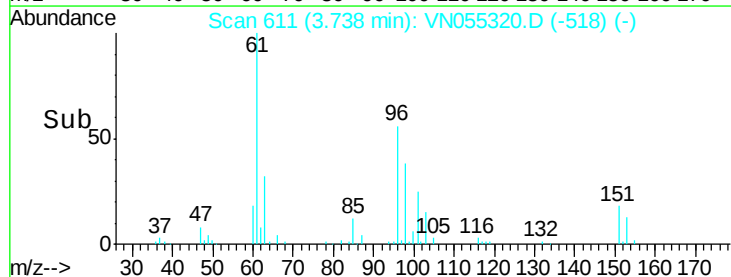
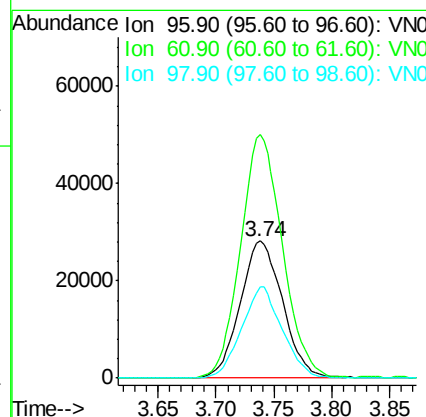
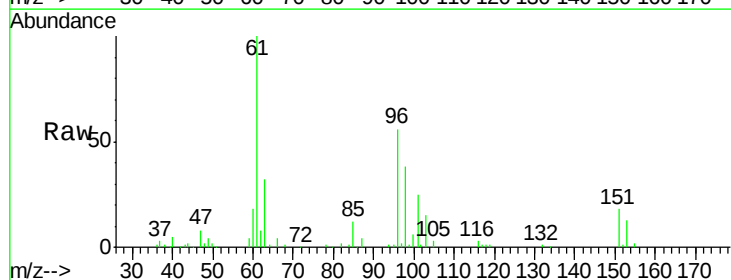
Tot Ion: 59 Resp: 31329  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.2 12.2#

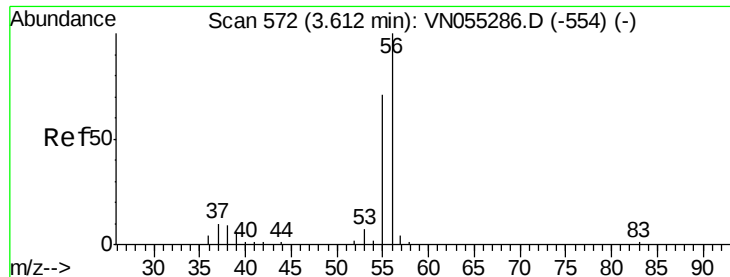


#12

1,1-Dichloroethene  
 Concen: 19.450 ug/l  
 RT: 3.74 min Scan# 611  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

Tgt Ion: 96 Resp: 71438  
 Ion Ratio Lower Upper  
 96 100  
 61 177.8 140.9 211.3  
 98 66.7 50.0 75.0

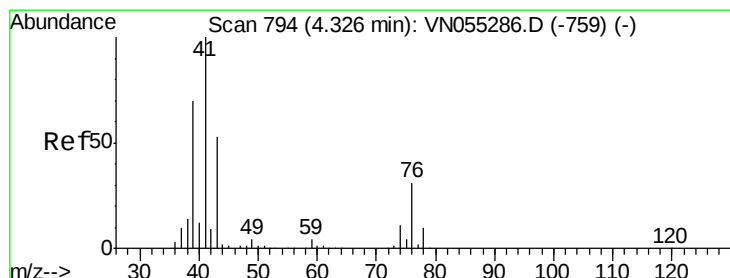
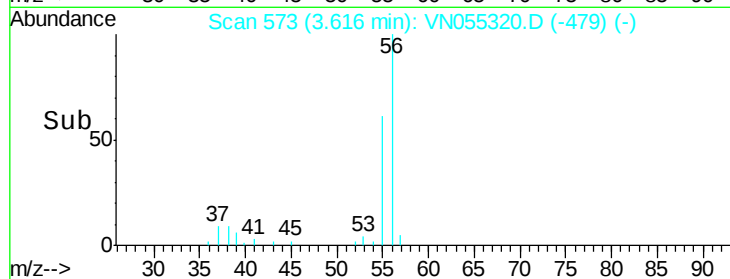
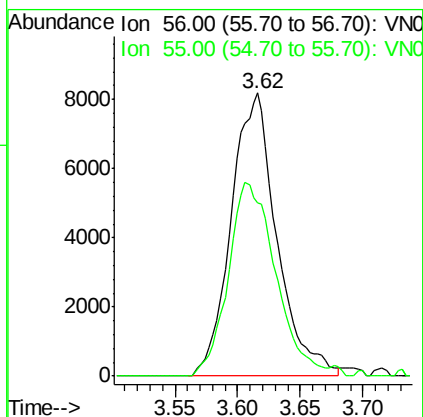
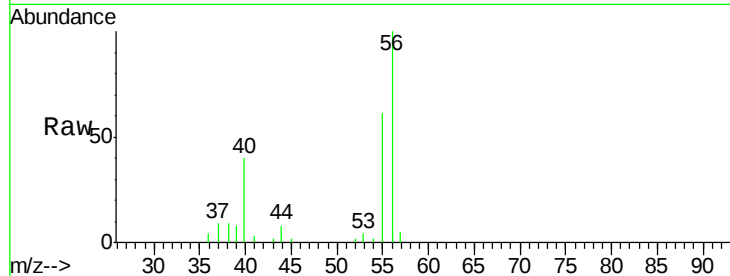




#13  
Acrolein  
Concen: 95.494 ug/l  
RT: 3.62 min Scan# 573  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

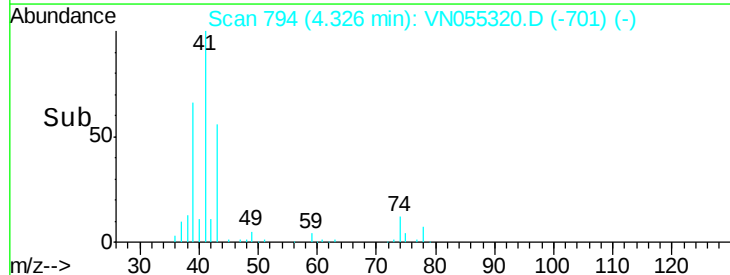
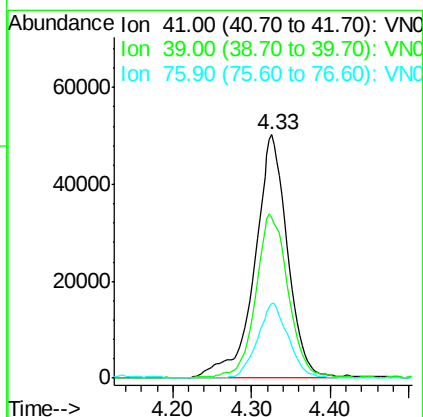
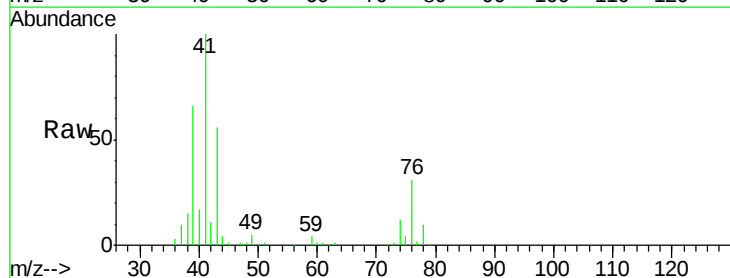
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBS01

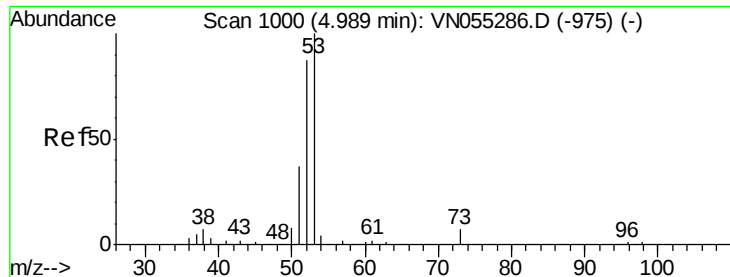
Tot Ion: 56 Resp: 20769  
Ion Ratio Lower Upper  
56 100  
55 70.5 57.4 86.2



#14  
Allyl chloride  
Concen: 19.432 ug/l  
RT: 4.33 min Scan# 794  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Tgt Ion: 41 Resp: 147819  
Ion Ratio Lower Upper  
41 100  
39 67.3 53.0 79.6  
76 28.8 22.7 34.1





#15

Acrylonitrile

Concen: 106.432 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampled :

VN0501WBS01

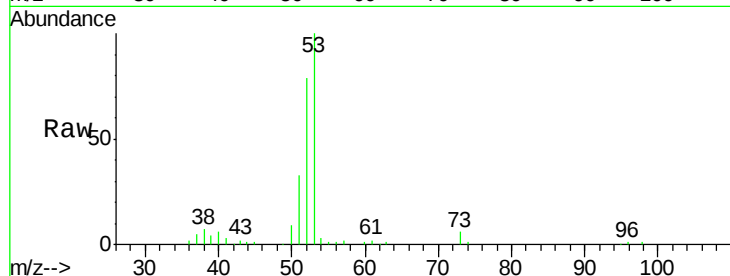
Tot Ion: 53 Resp: 166604

Ion Ratio Lower Upper

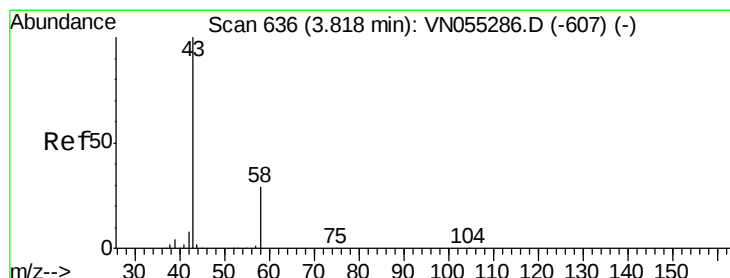
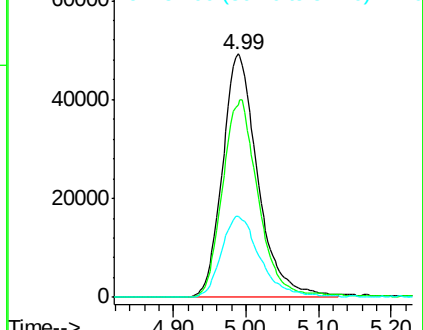
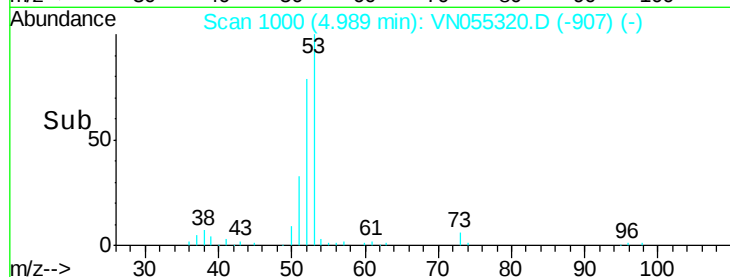
53 100

52 81.0 66.5 99.7

51 35.9 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN055320.D (-907) (-)



#16

Acetone

Concen: 100.929 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055320.D

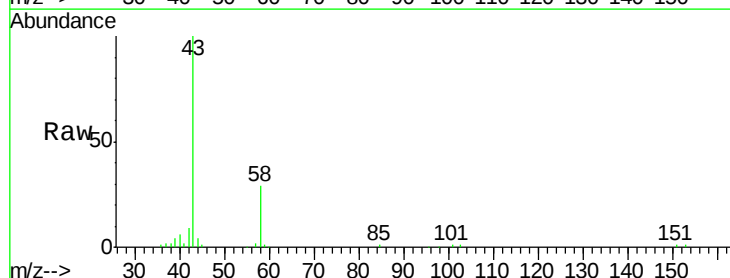
Acq: 1 May 2019 11:20

Tgt Ion: 43 Resp: 152971

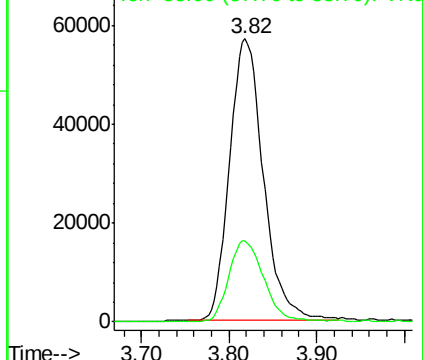
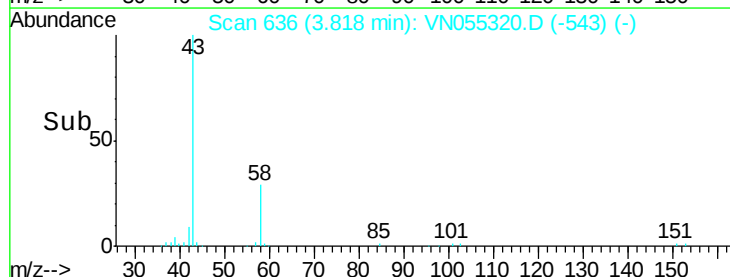
Ion Ratio Lower Upper

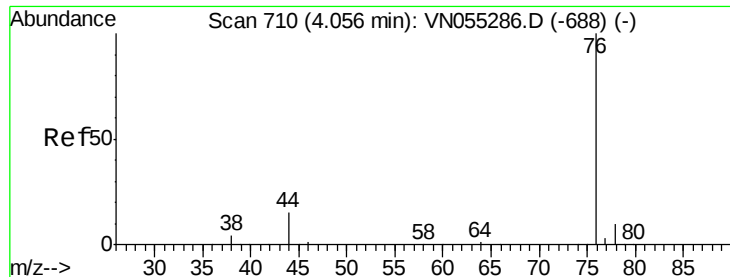
43 100

58 28.9 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055320.D (-543) (-)

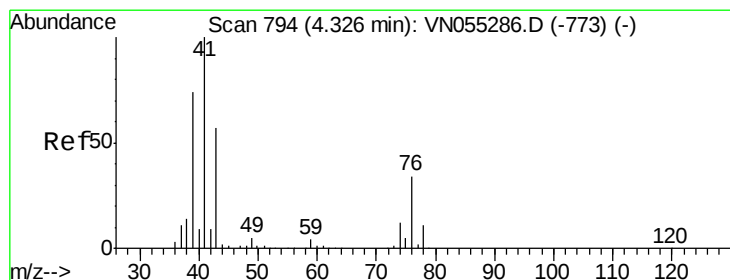
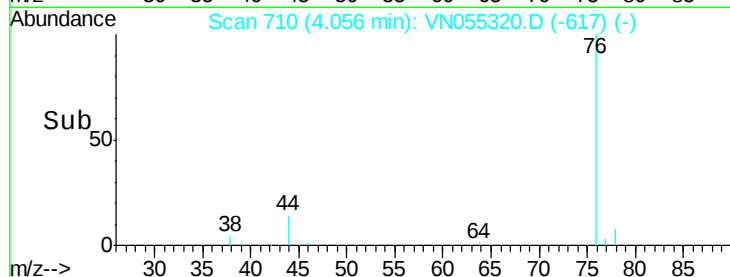
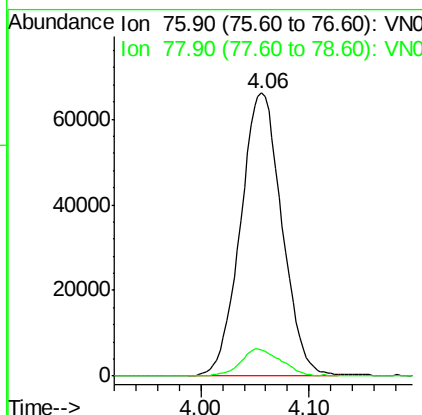
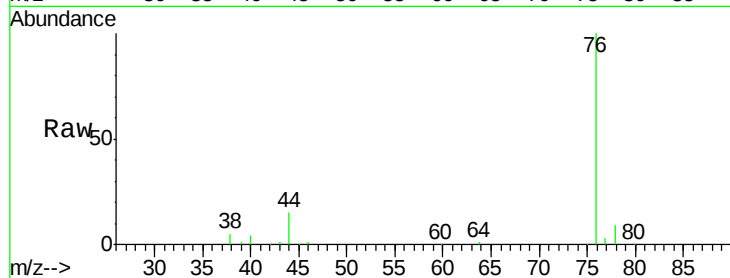




#17  
Carbon Disulfide  
Concen: 18.418 ug/l  
RT: 4.06 min Scan# 710  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

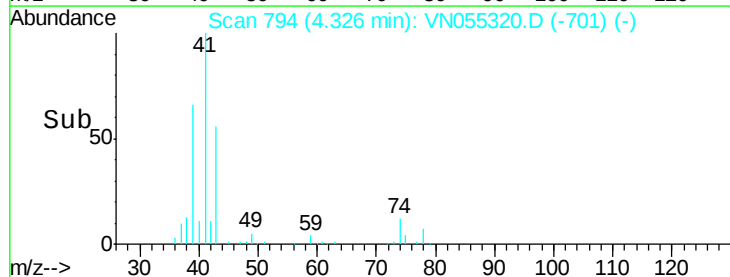
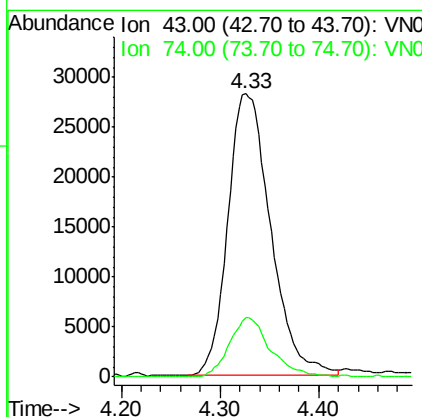
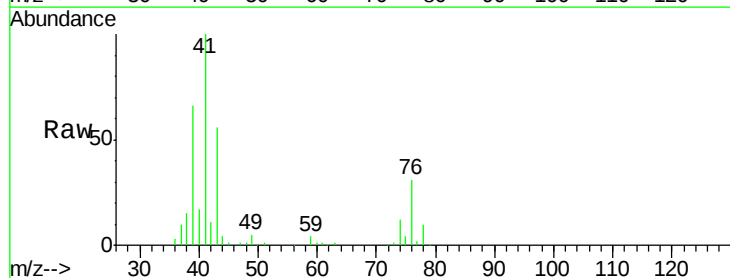
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0501WBS01

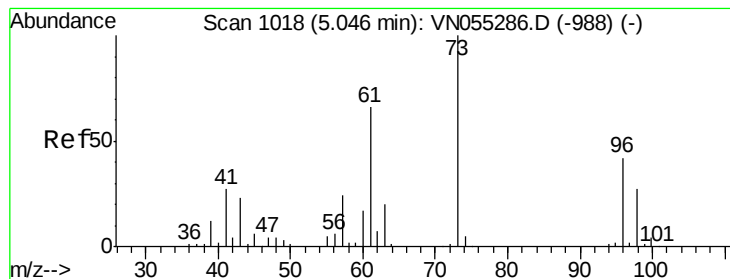
Tot Ion: 76 Resp: 176544  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.6 11.4



#18  
Methyl Acetate  
Concen: 22.497 ug/l  
RT: 4.33 min Scan# 794  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Tgt Ion: 43 Resp: 85166  
Ion Ratio Lower Upper  
43 100  
74 20.2 15.8 23.8





#19

Methyl tert-butyl Ether

Concen: 20.789 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampled :

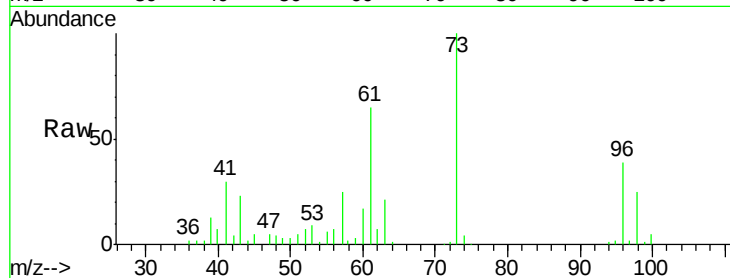
VN0501WBS01

Tot Ion: 73 Resp: 214657

Ion Ratio Lower Upper

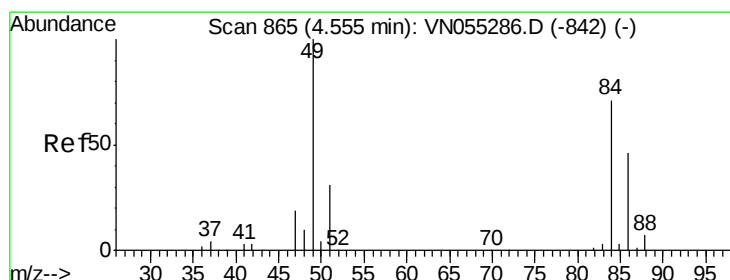
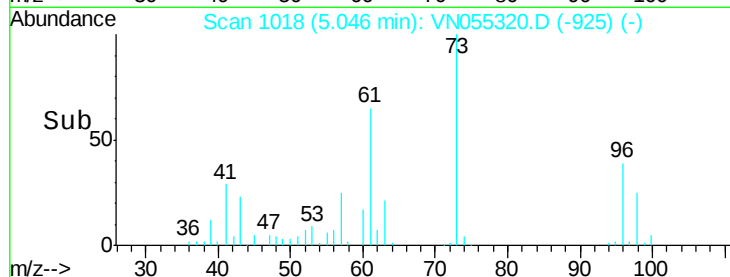
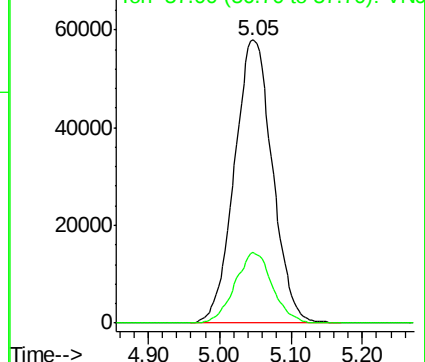
73 100

57 25.0 19.1 28.7



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 19.278 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Tgt Ion: 84 Resp: 89184

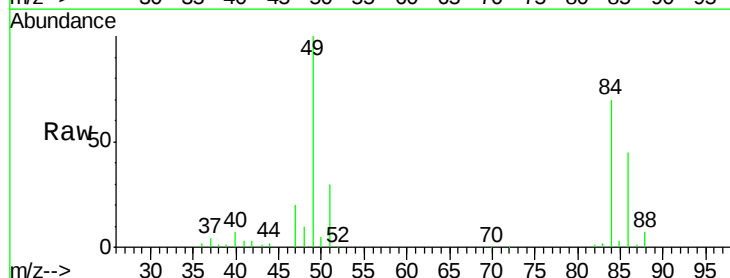
Ion Ratio Lower Upper

84 100

49 142.0 112.4 168.6

51 42.0 34.6 51.8

86 63.3 51.9 77.9

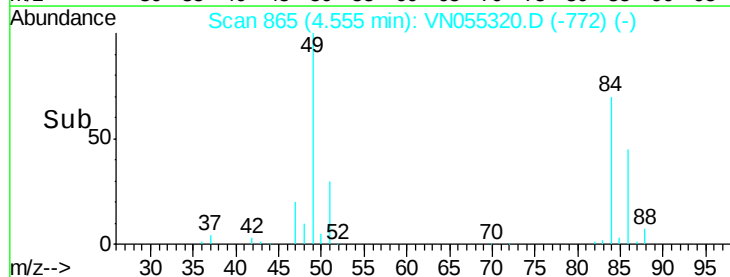
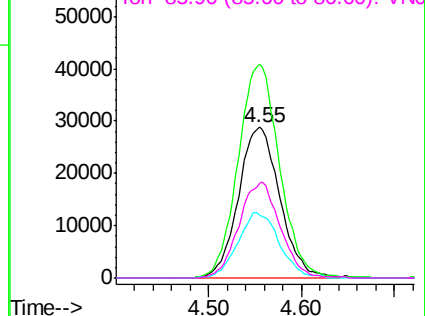


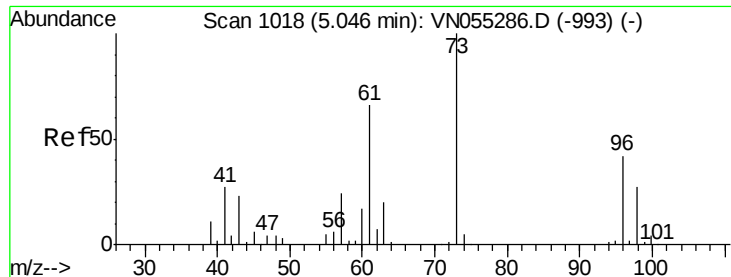
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 19.449 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampled :

VN0501WBS01

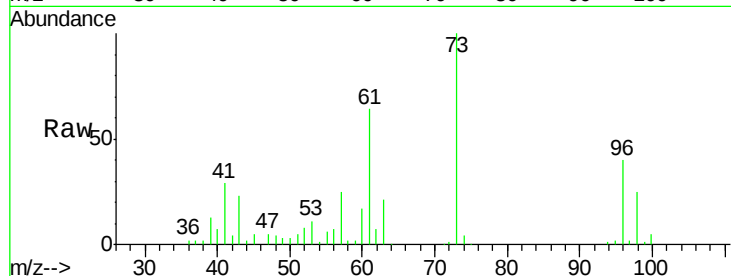
Tot Ion: 96 Resp: 75653

Ion Ratio Lower Upper

96 100

61 160.9 126.2 189.4

98 63.6 52.2 78.2

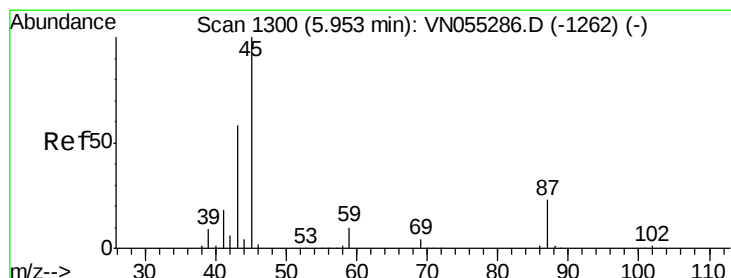
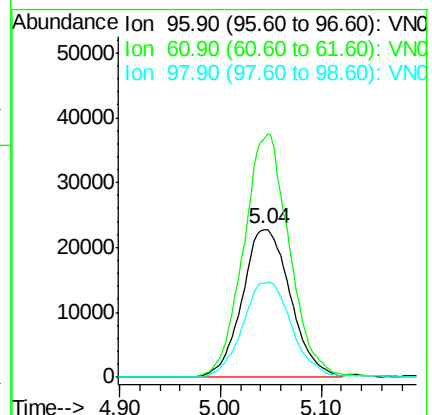
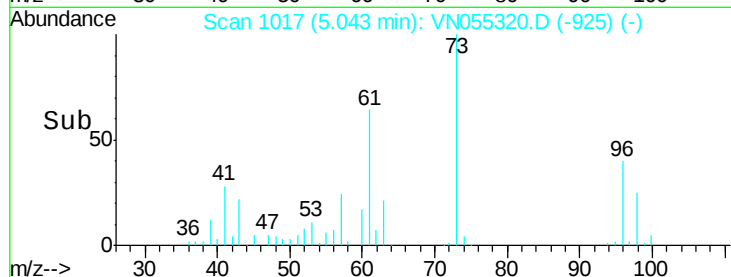


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 20.297 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Tgt Ion: 45 Resp: 306783

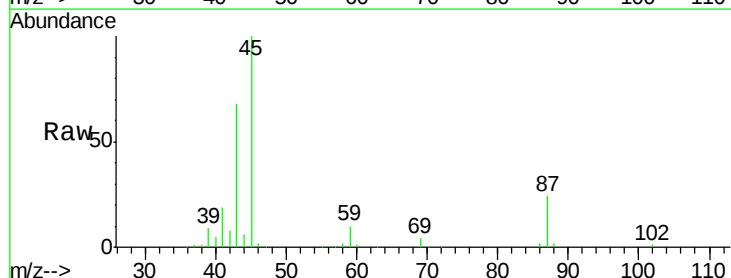
Ion Ratio Lower Upper

45 100

43 65.6 46.6 70.0

87 23.5 18.1 27.1

59 10.0 8.2 12.2



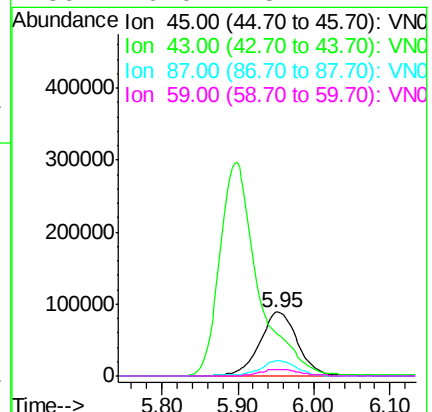
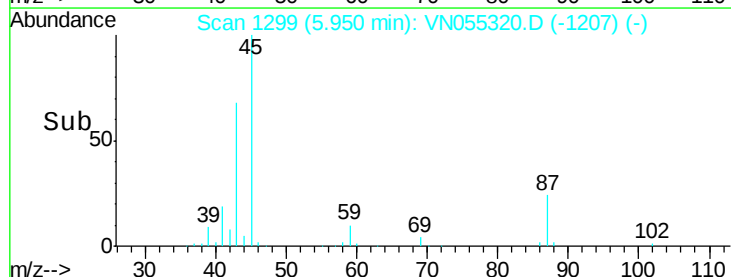
Abundance

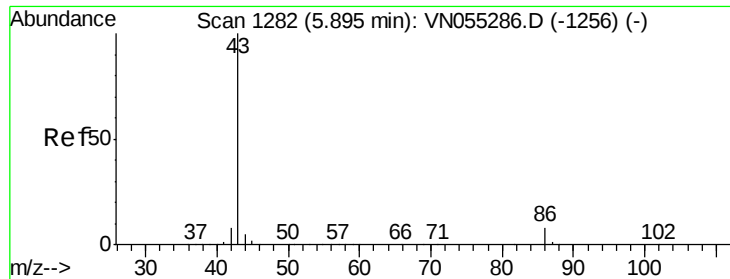
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

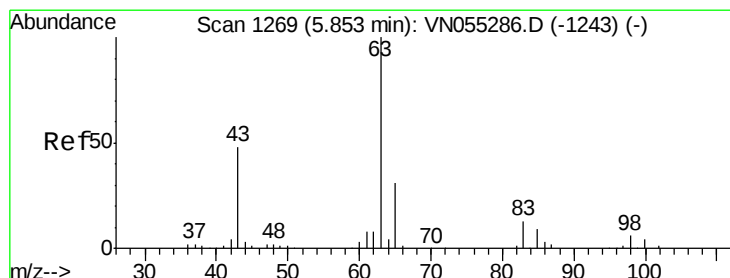
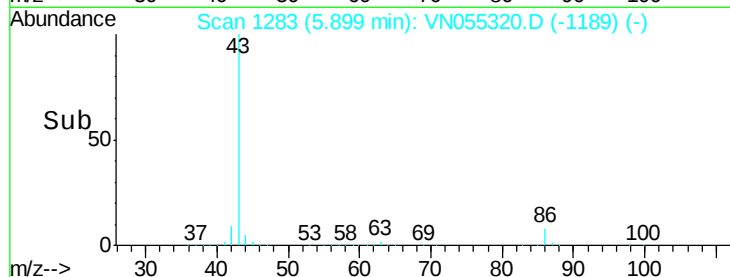
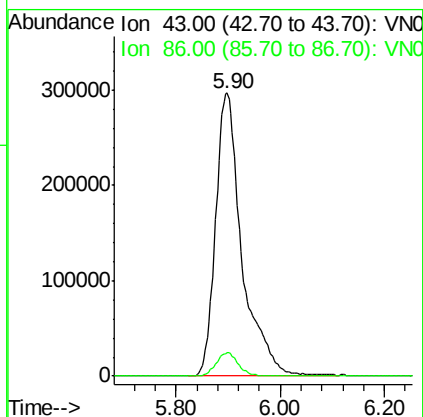
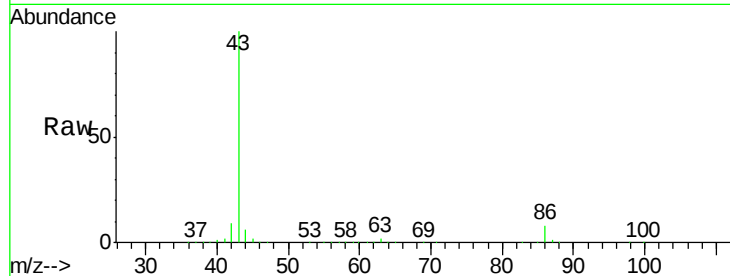




#23  
 Vinyl Acetate  
 Concen: 105.576 ug/l  
 RT: 5.90 min Scan# 1283  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

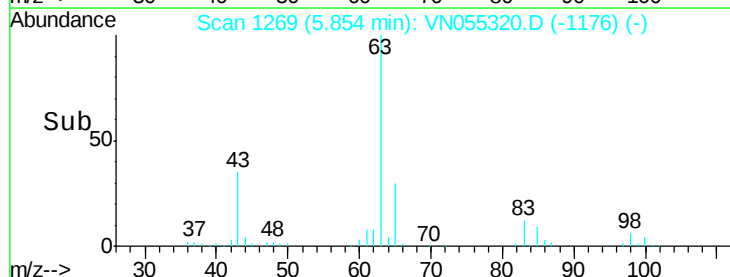
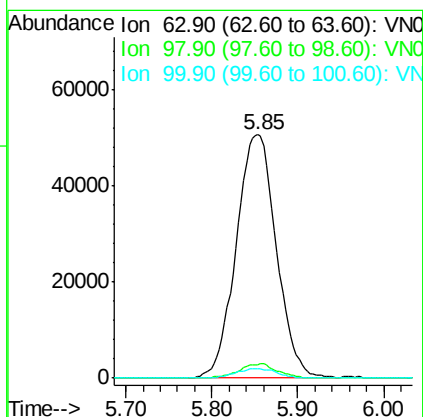
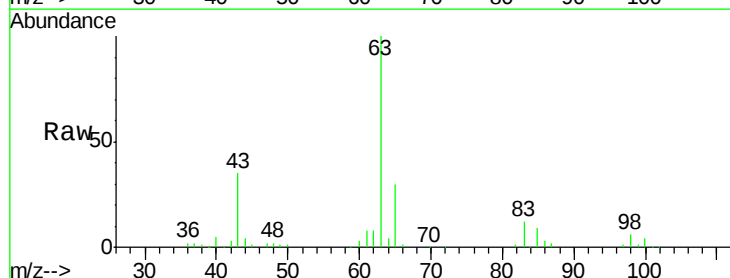
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBS01

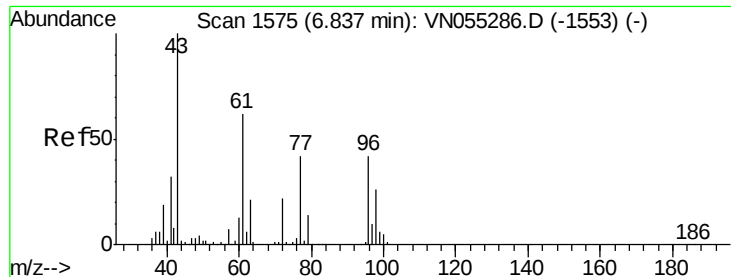
Tot Ion: 43 Resp: 1045832  
 Ion Ratio Lower Upper  
 43 100  
 86 8.2 6.6 10.0



#24  
 1,1-Dichloroethane  
 Concen: 20.364 ug/l  
 RT: 5.85 min Scan# 1269  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

Tgt Ion: 63 Resp: 163996  
 Ion Ratio Lower Upper  
 63 100  
 98 5.7 3.0 9.0  
 100 3.6 1.8 5.4

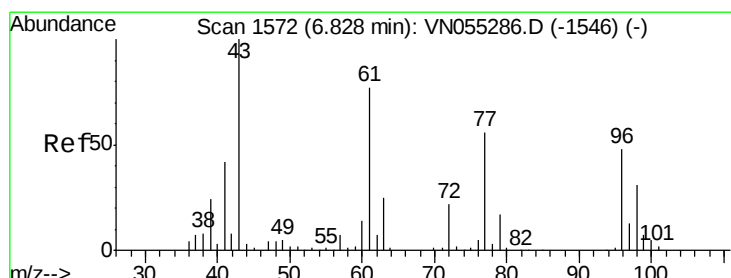
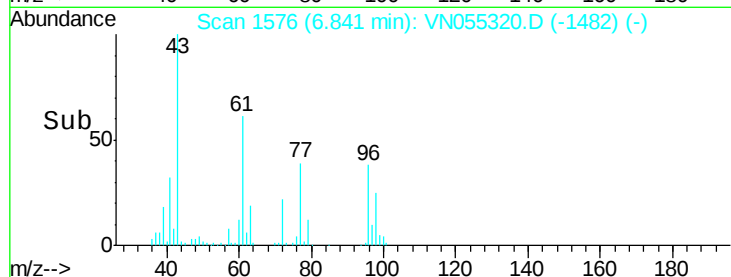
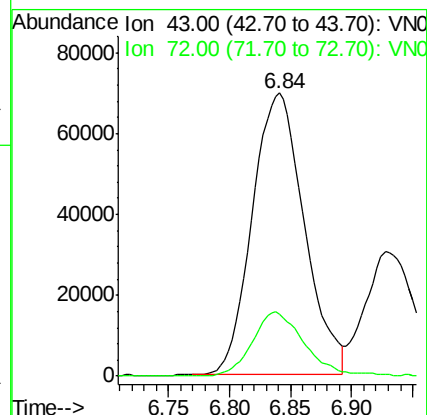
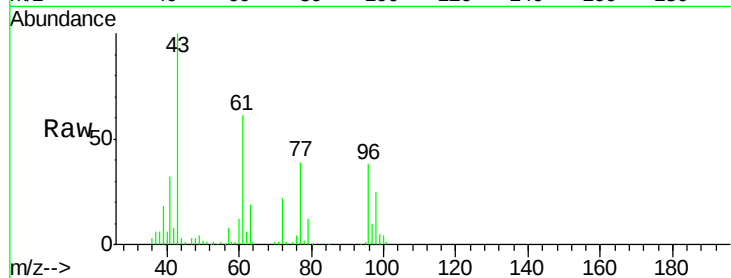




#25  
2-Butanone  
Concen: 106.657 ug/l  
RT: 6.84 min Scan# 1576  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

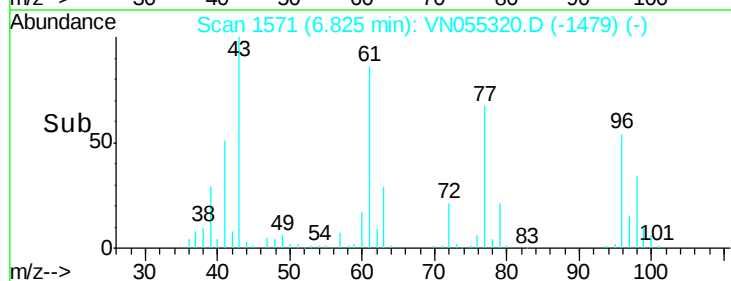
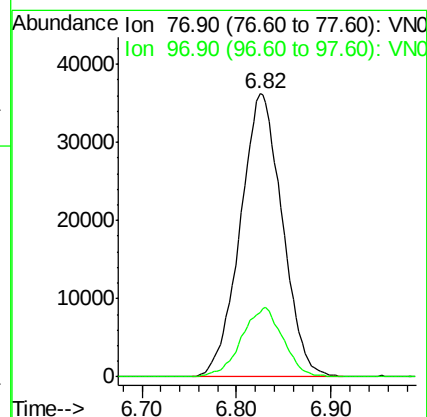
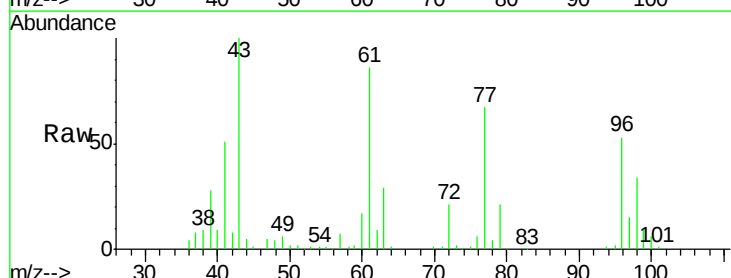
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBS01

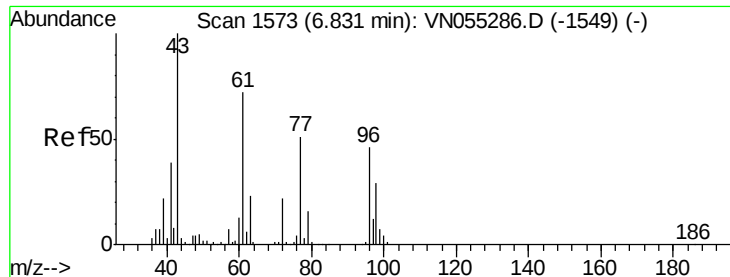
Tot Ion: 43 Resp: 206732  
Ion Ratio Lower Upper  
43 100  
72 22.0 18.0 27.0



#26  
2,2-Dichloropropane  
Concen: 20.056 ug/l  
RT: 6.82 min Scan# 1571  
Delta R.T. -0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Tgt Ion: 77 Resp: 111533  
Ion Ratio Lower Upper  
77 100  
97 24.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.385 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBS01

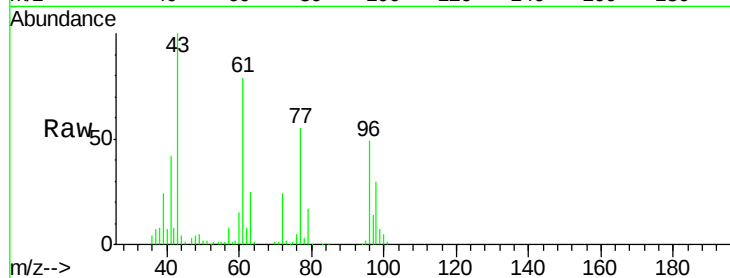
Tot Ion: 96 Resp: 90176

Ion Ratio Lower Upper

96 100

61 158.2 0.0 316.2

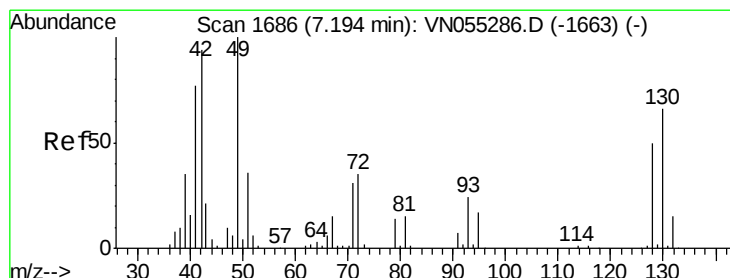
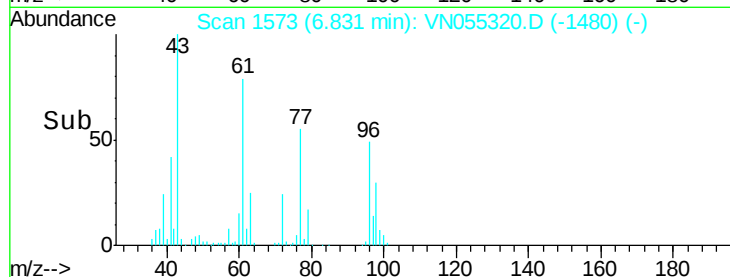
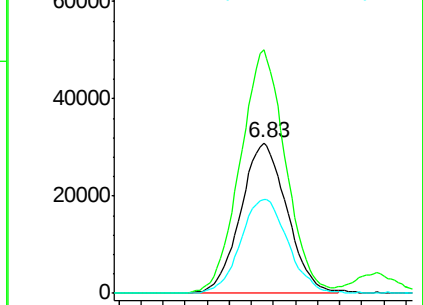
98 63.9 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.348 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

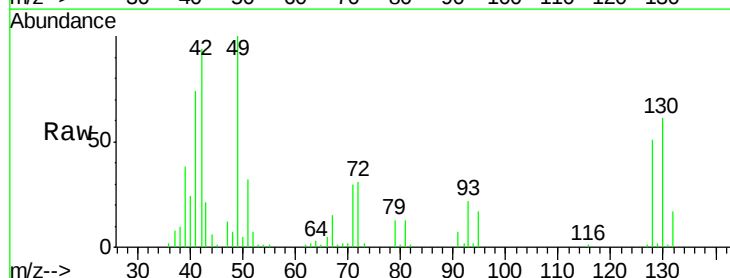
Tgt Ion: 49 Resp: 86659

Ion Ratio Lower Upper

49 100

129 1.7 0.0 2.4

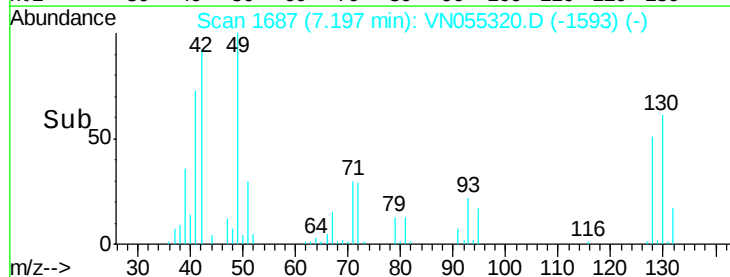
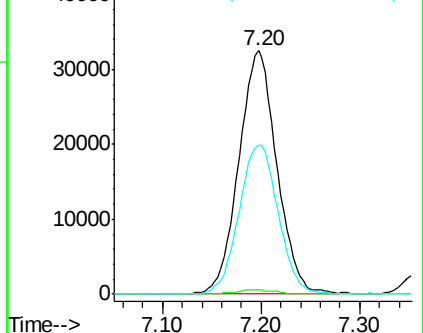
130 63.0 52.0 78.0

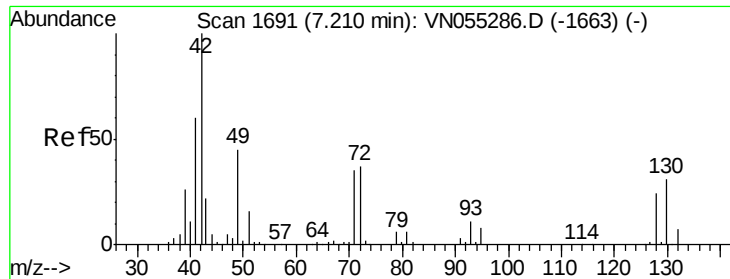


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

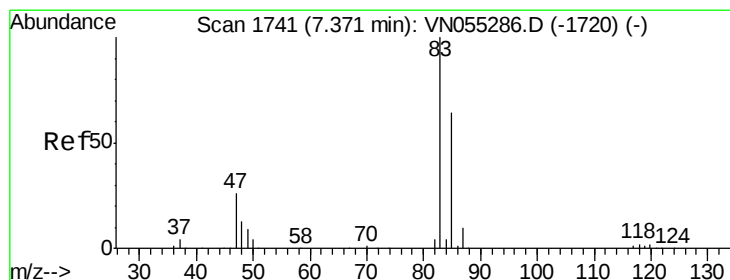
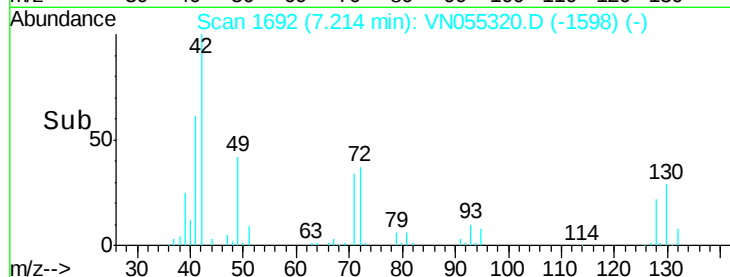
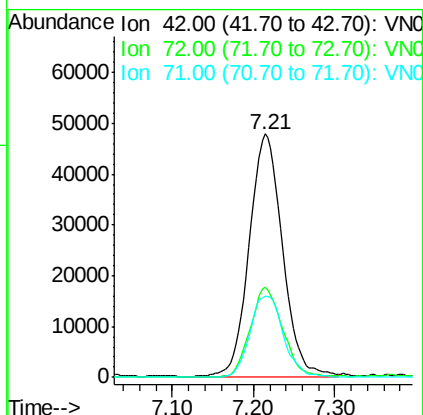
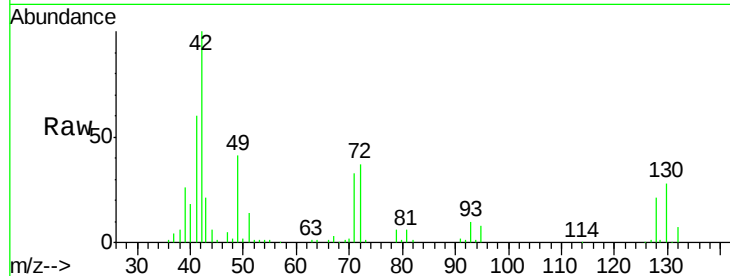




#29  
Tetrahydrofuran  
Concen: 109.544 ug/l  
RT: 7.21 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

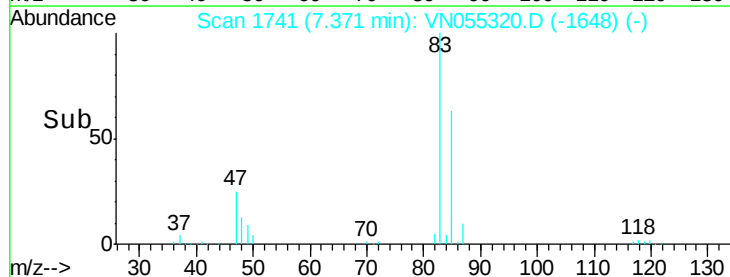
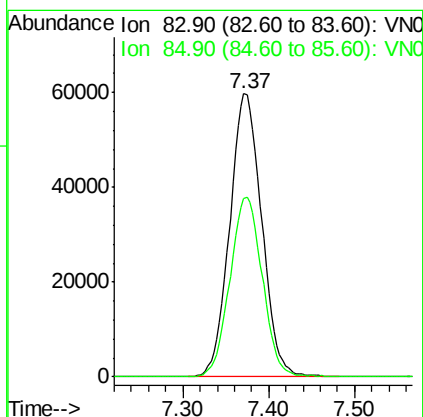
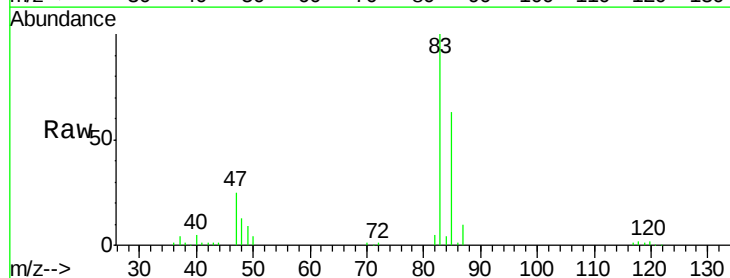
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBS01

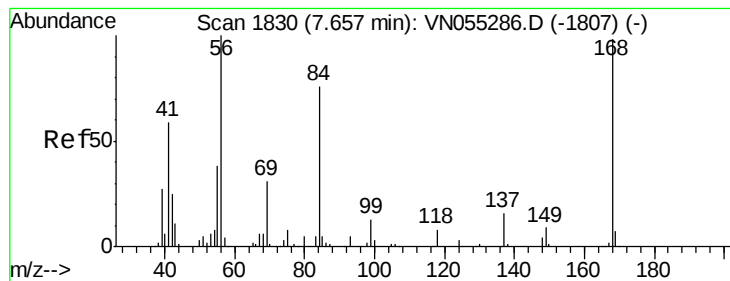
Tot Ion: 42 Resp: 135959  
Ion Ratio Lower Upper  
42 100  
72 35.9 29.0 43.6  
71 33.4 27.1 40.7



#30  
Chloroform  
Concen: 20.215 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Tgt Ion: 83 Resp: 154322  
Ion Ratio Lower Upper  
83 100  
85 63.1 51.4 77.2





#31

Cyclohexane

Concen: 19.511 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBS01

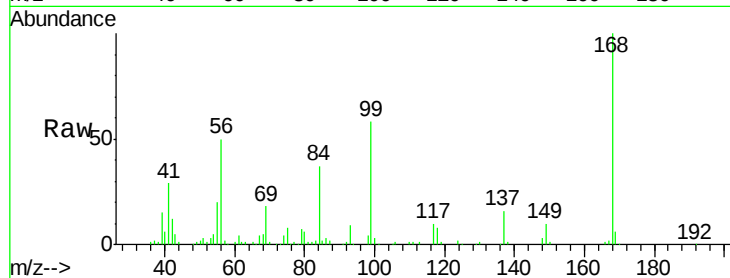
Tot Ion: 56 Resp: 149285

Ion Ratio Lower Upper

56 100

69 35.5 25.2 37.8

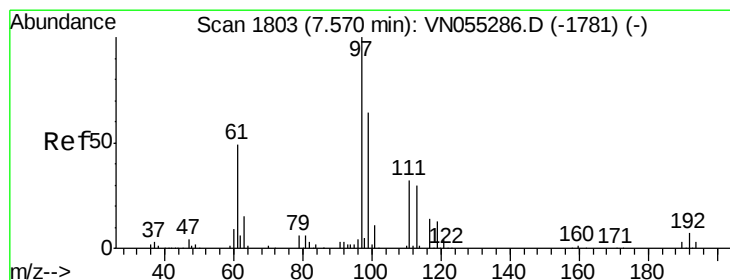
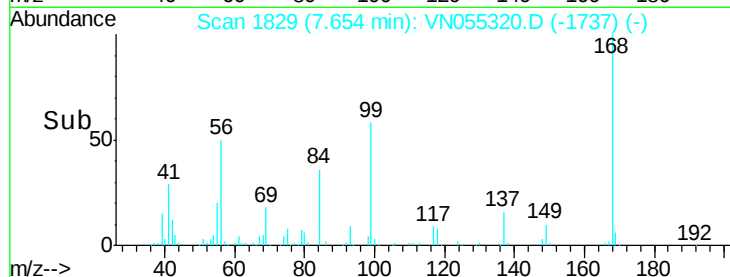
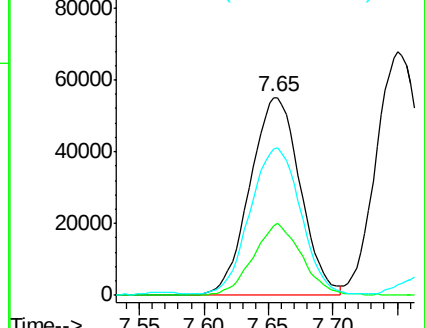
84 73.1 61.1 91.7



Abundance Ion 56.00 (55.70 to 56.70): VN055320.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN055320.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN055320.D (-1737) (-)



#32

1,1,1-Trichloroethane

Concen: 19.849 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

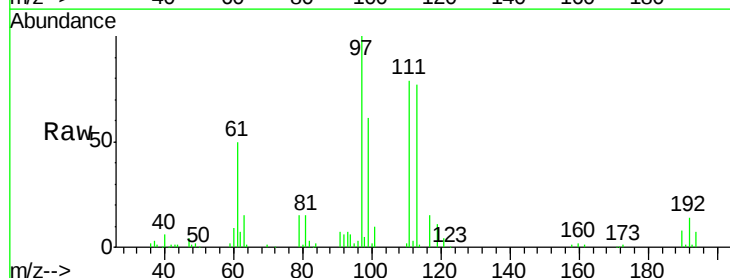
Tgt Ion: 97 Resp: 122977

Ion Ratio Lower Upper

97 100

99 63.7 51.8 77.8

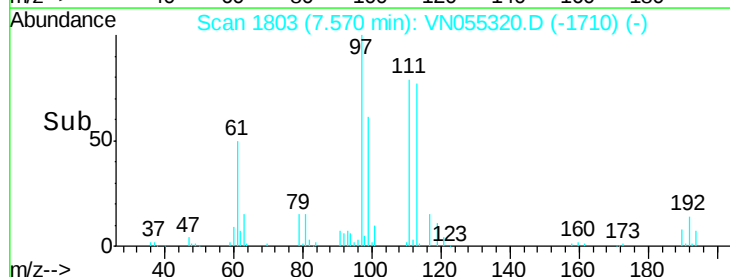
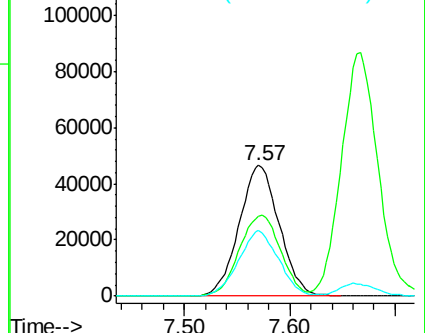
61 49.8 39.0 58.6

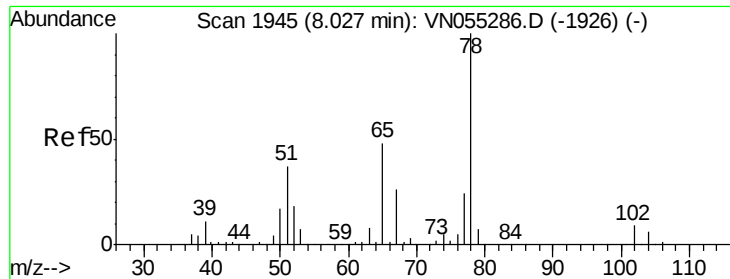


Abundance Ion 96.90 (96.60 to 97.60): VN055320.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN055320.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN055320.D (-1710) (-)

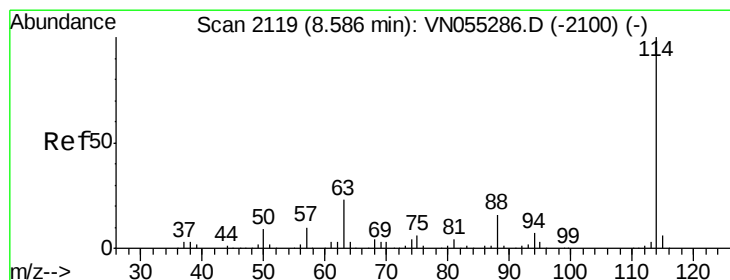
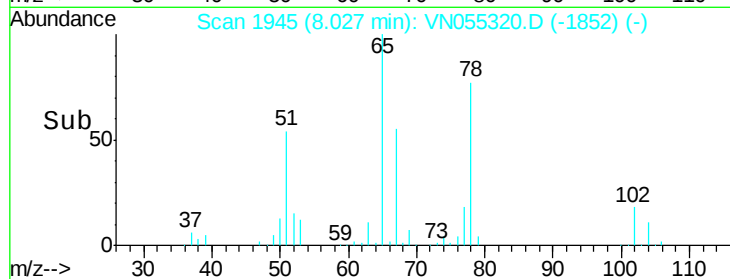
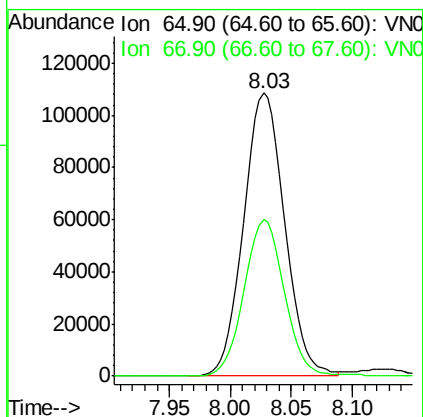
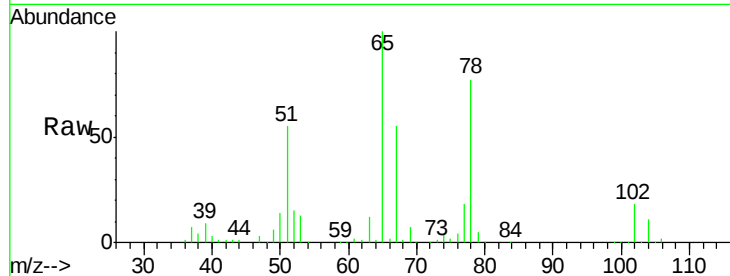




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.972 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

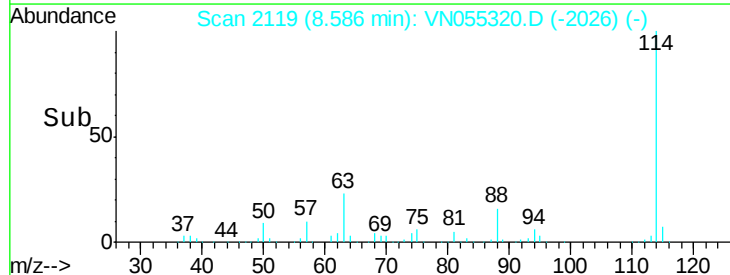
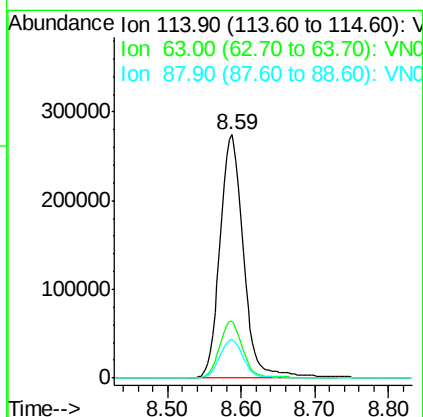
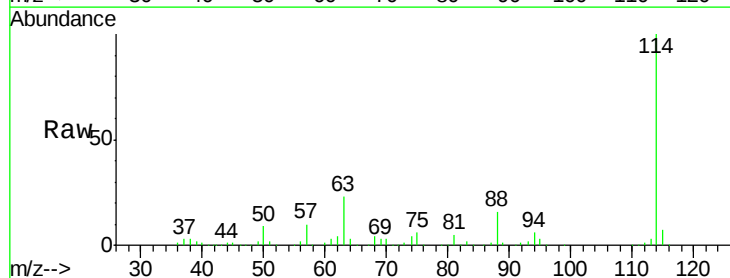
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBS01

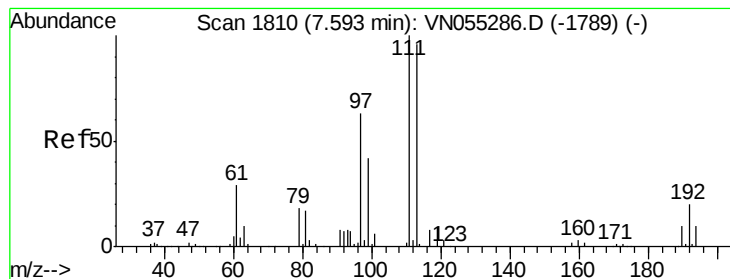
Tot Ion: 65 Resp: 252801  
 Ion Ratio Lower Upper  
 65 100  
 67 53.9 0.0 106.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

Tgt Ion: 114 Resp: 611609  
 Ion Ratio Lower Upper  
 114 100  
 63 23.4 0.0 45.2  
 88 15.8 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.266 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampled :

VN0501WBS01

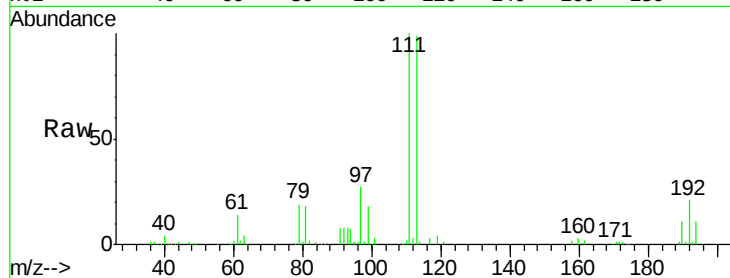
Tot Ion:113 Resp: 201787

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

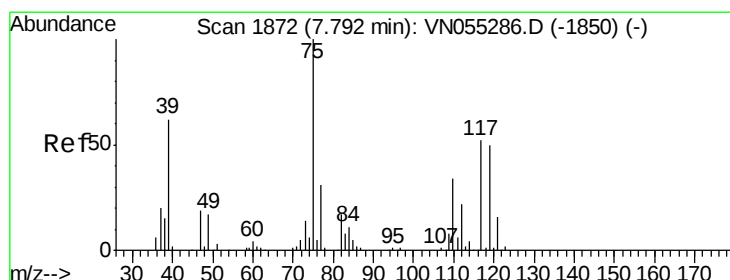
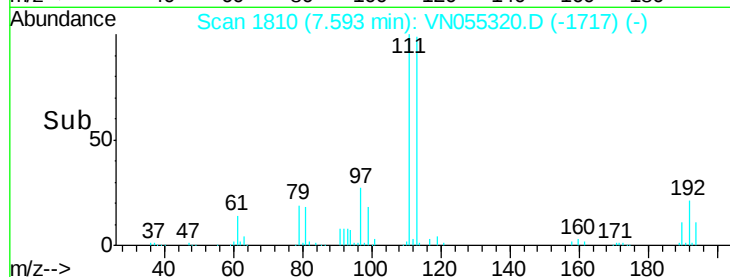
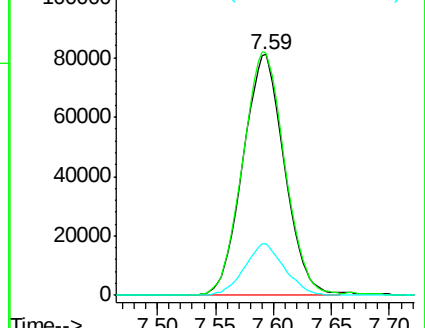
192 20.7 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.462 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

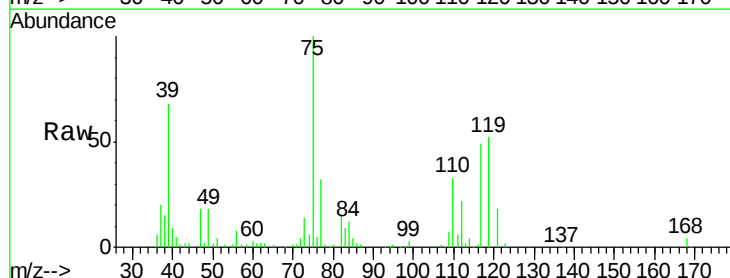
Tgt Ion: 75 Resp: 108154

Ion Ratio Lower Upper

75 100

110 34.6 16.8 50.4

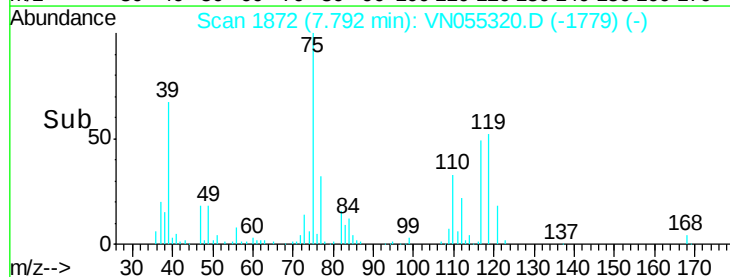
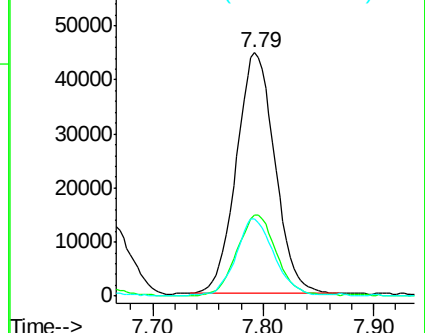
77 32.2 25.0 37.6

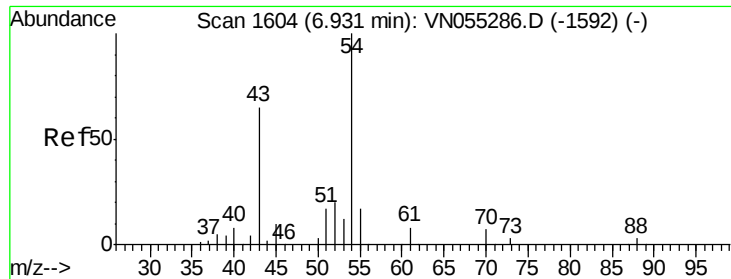


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

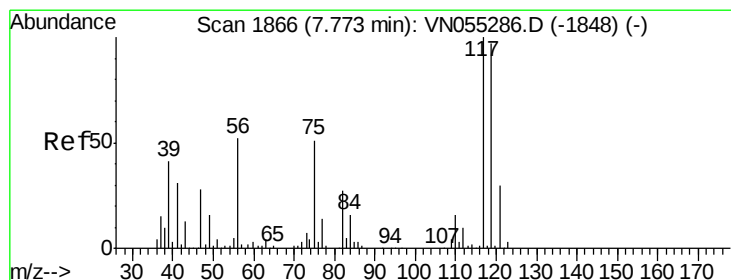
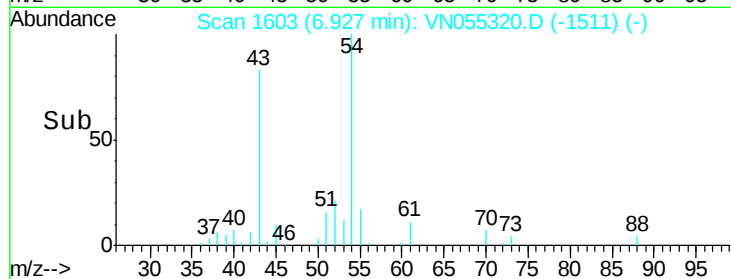
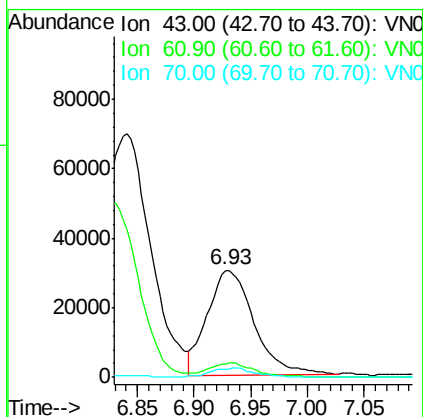
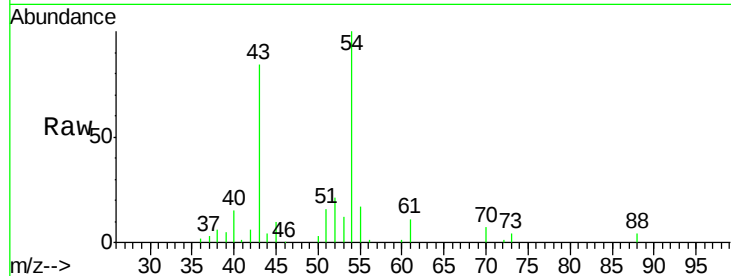




#37  
Ethyl Acetate  
Concen: 19.140 ug/l  
RT: 6.93 min Scan# 1603  
Delta R.T. -0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

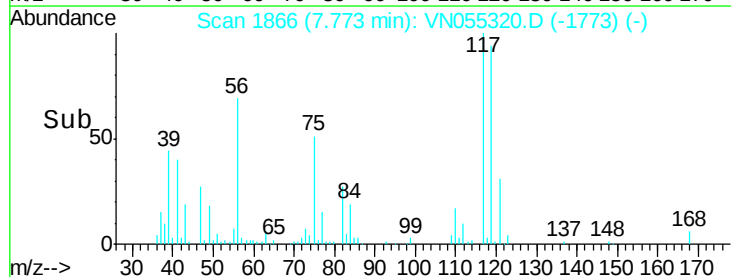
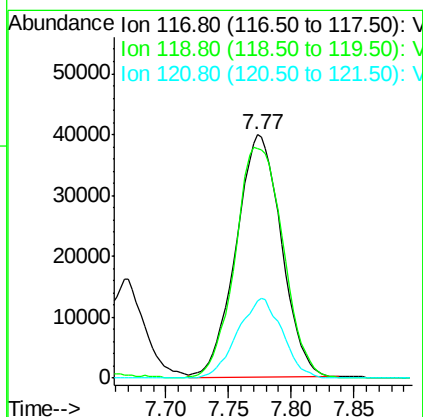
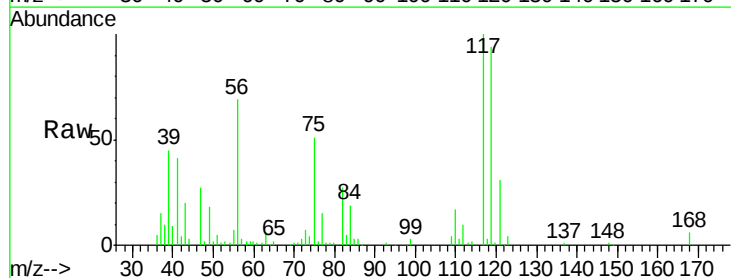
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBS01

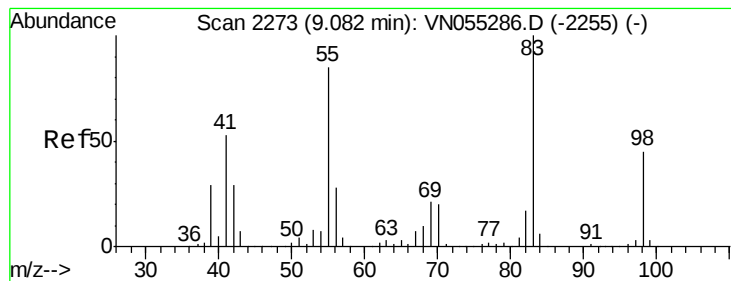
Tot Ion: 43 Resp: 85936  
Ion Ratio Lower Upper  
43 100  
61 11.6 10.4 15.6  
70 8.6 6.6 10.0



#38  
Carbon Tetrachloride  
Concen: 17.725 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Tgt Ion: 117 Resp: 100169  
Ion Ratio Lower Upper  
117 100  
119 94.6 77.0 115.6  
121 31.6 23.8 35.8





#39

Methvlcvclohexane

Concen: 18.584 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBS01

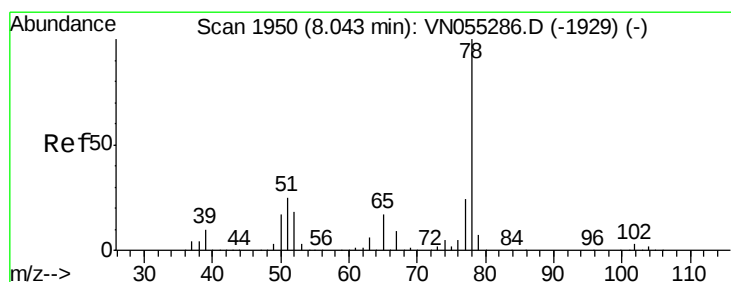
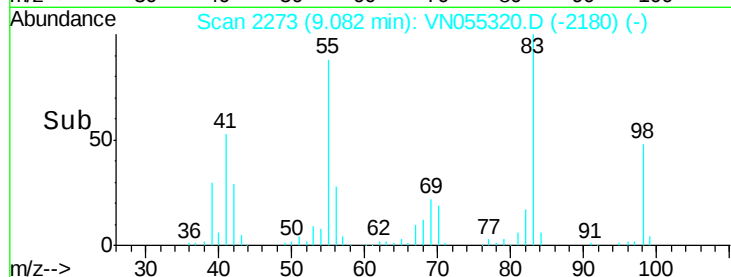
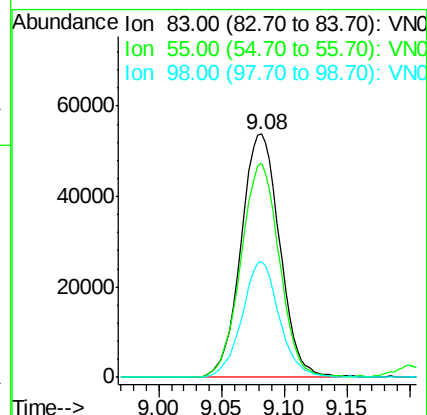
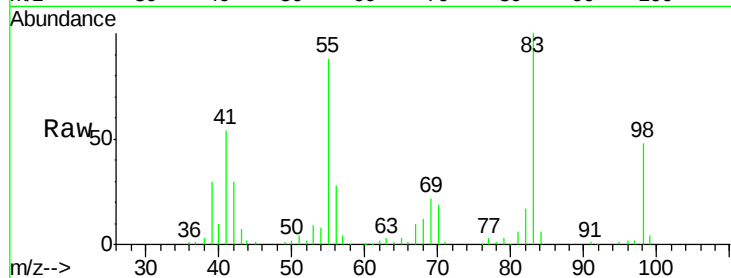
Tot Ion: 83 Resp: 115754

Ion Ratio Lower Upper

83 100

55 88.0 67.8 101.6

98 47.7 36.2 54.4



#40

Benzene

Concen: 19.419 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN055320.D

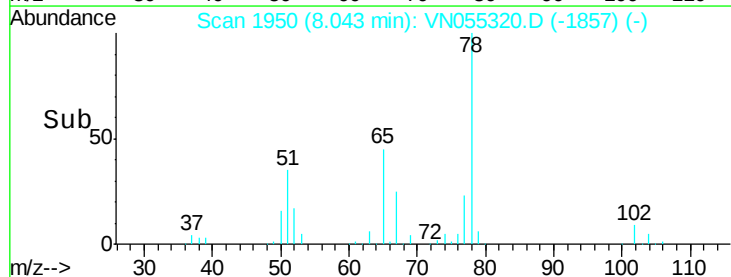
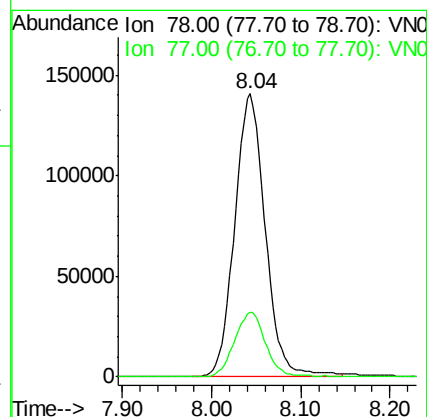
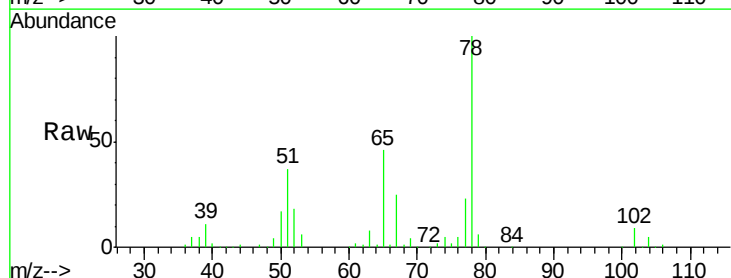
Acq: 1 May 2019 11:20

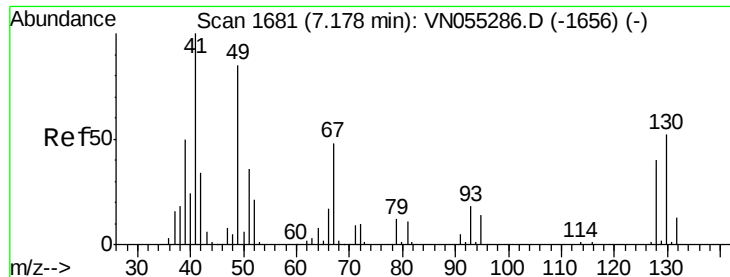
Tgt Ion: 78 Resp: 335361

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6

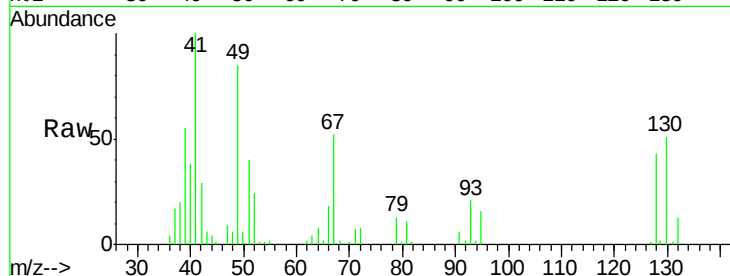




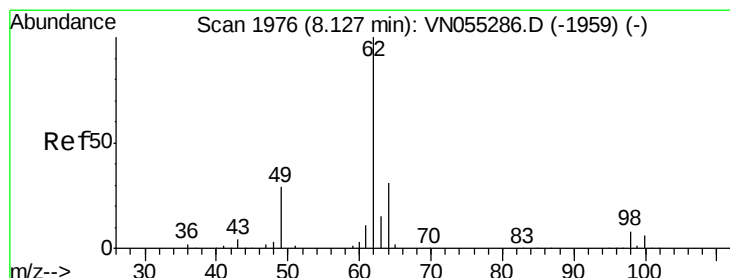
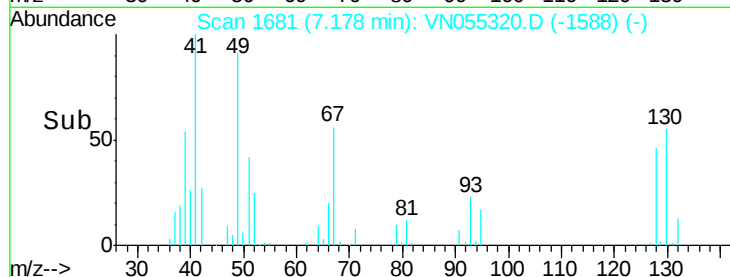
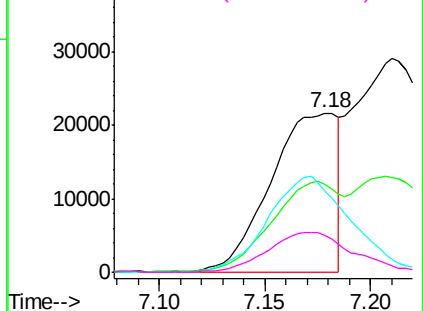
#41  
Methacrylonitrile  
Concen: 20.126 ug/l  
RT: 7.18 min Scan# 1681  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBS01

Tot Ion: 41 Resp: 47815  
Ion Ratio Lower Upper  
41 100  
39 57.4 48.5 72.7  
67 75.9 54.9 82.3  
52 31.9 24.9 37.3

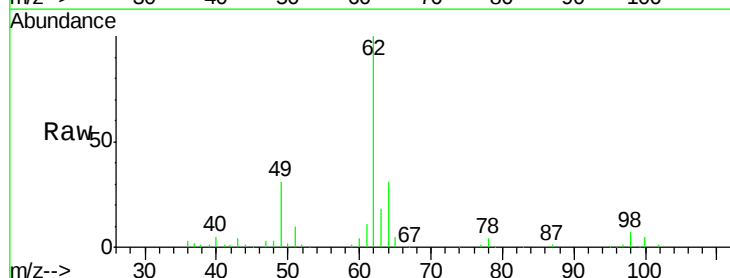


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

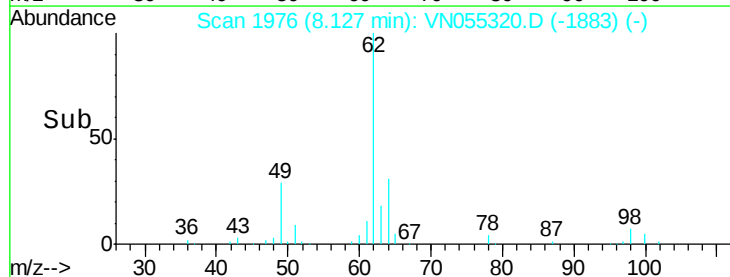
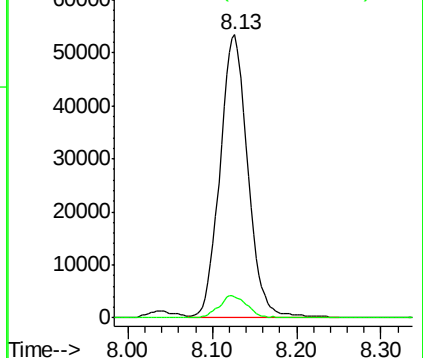


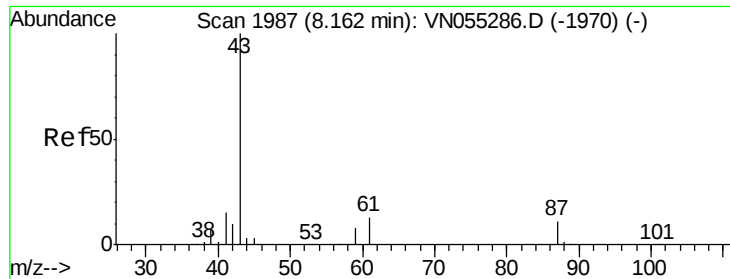
#42  
1,2-Dichloroethane  
Concen: 20.074 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Tgt Ion: 62 Resp: 122788  
Ion Ratio Lower Upper  
62 100  
98 7.9 0.0 16.4



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



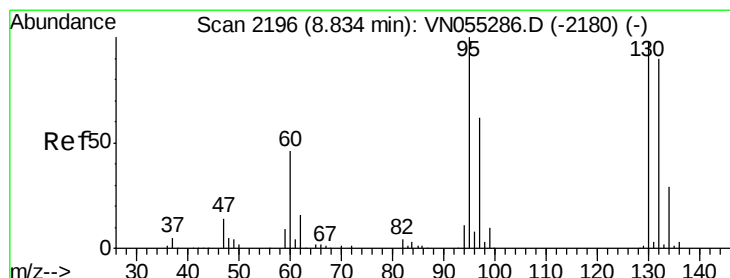
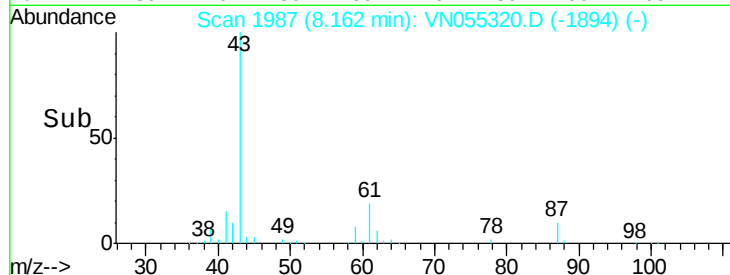
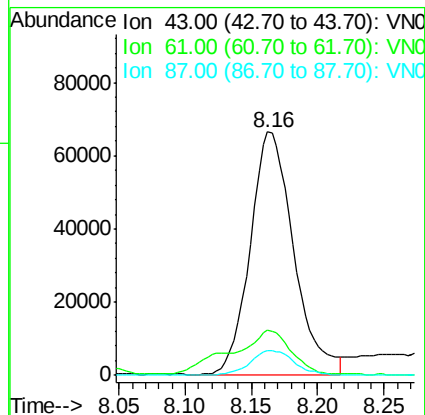
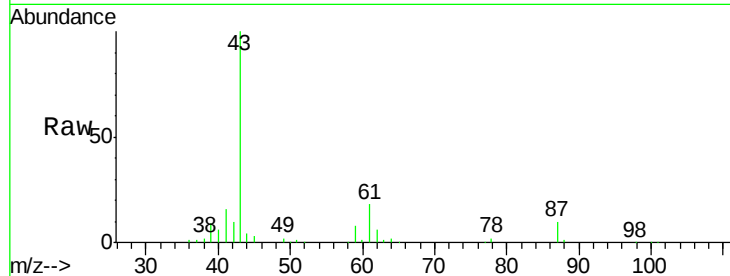


#43

Isopropyl Acetate  
 Concen: 20.999 ug/l  
 RT: 8.16 min Scan# 1987  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBS01

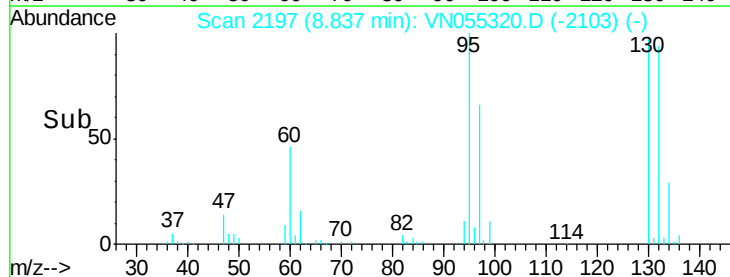
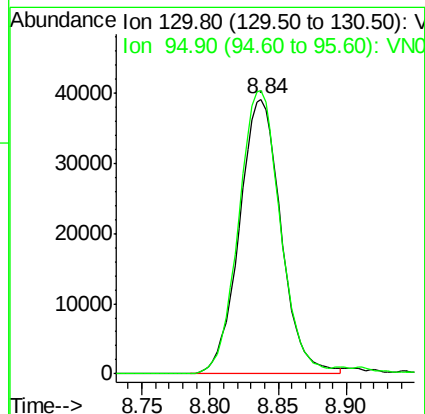
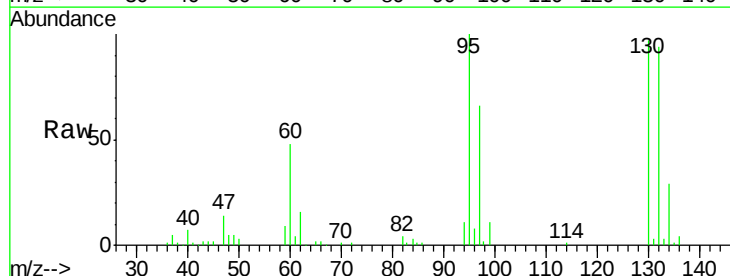
Tot Ion: 43 Resp: 151515  
 Ion Ratio Lower Upper  
 43 100  
 61 26.6 20.8 31.2  
 87 10.4 8.5 12.7

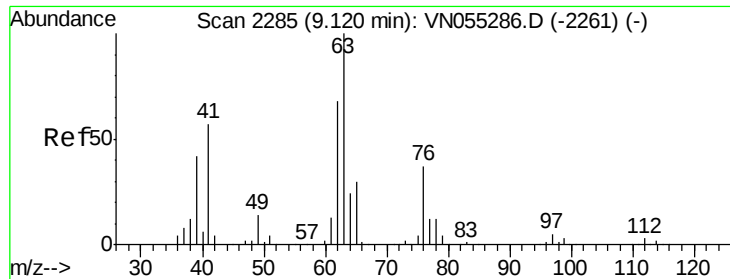


#44

Trichloroethene  
 Concen: 18.818 ug/l  
 RT: 8.84 min Scan# 2197  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

Tgt Ion: 130 Resp: 82849  
 Ion Ratio Lower Upper  
 130 100  
 95 103.1 0.0 203.4





#45

1,2-Dichloropropane

Concen: 19.874 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampleId :

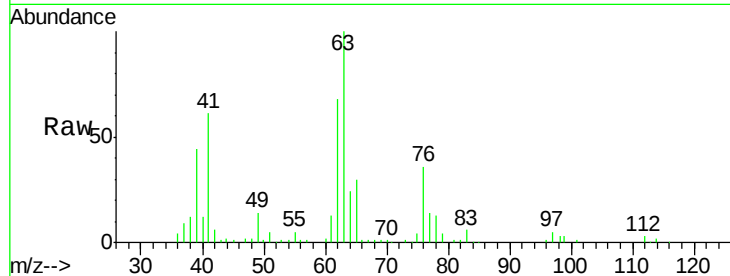
VN0501WBS01

Tot Ion: 63 Resp: 98989

Ion Ratio Lower Upper

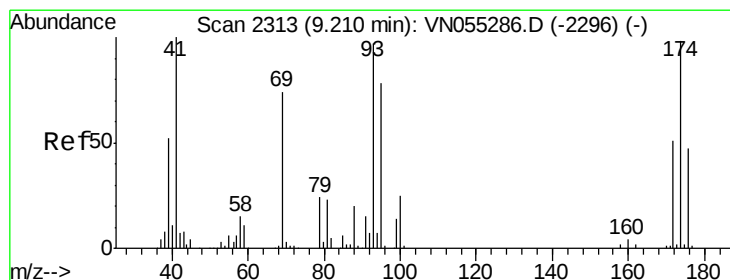
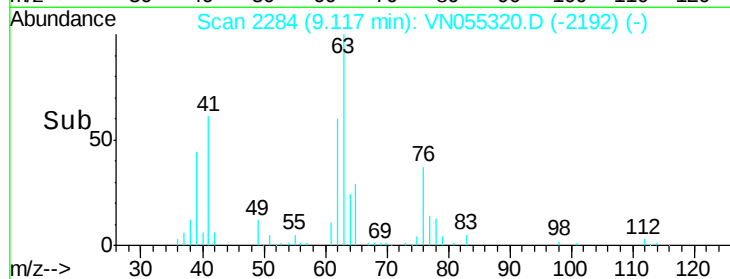
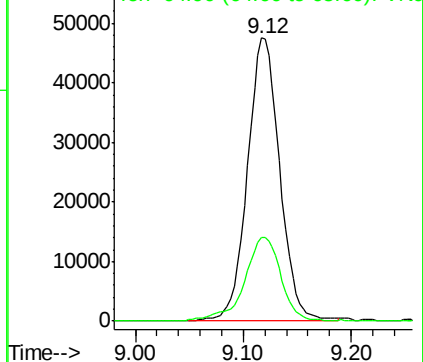
63 100

65 29.2 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.890 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

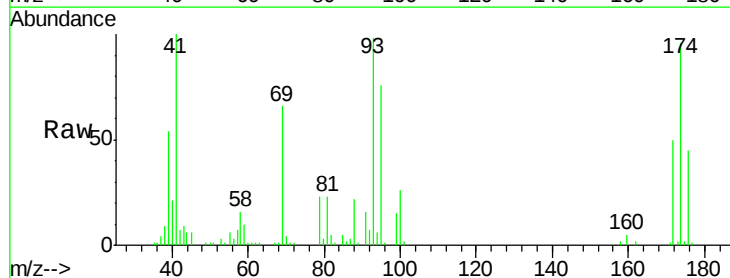
Tgt Ion: 93 Resp: 54153

Ion Ratio Lower Upper

93 100

95 82.9 65.7 98.5

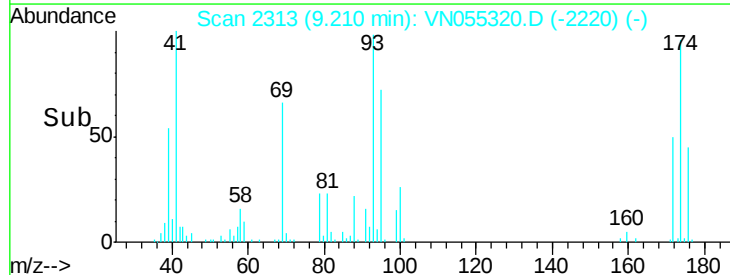
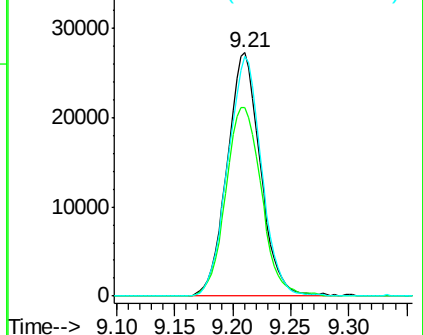
174 99.4 81.5 122.3

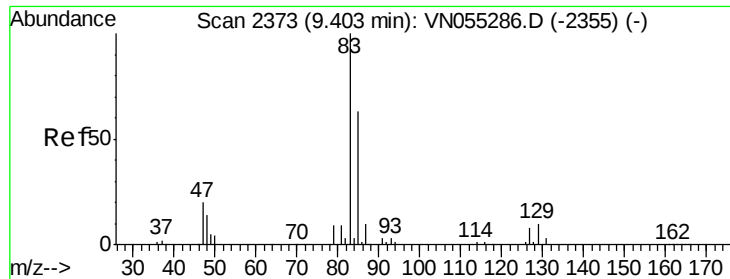


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.681 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBS01

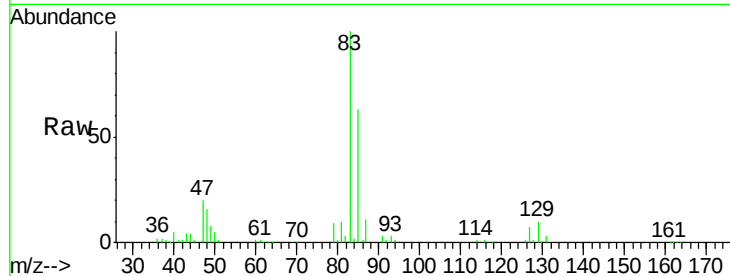
Tot Ion: 83 Resp: 114953

Ion Ratio Lower Upper

83 100

85 62.9 50.1 75.1

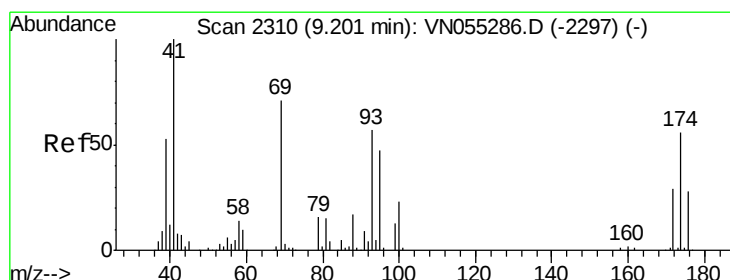
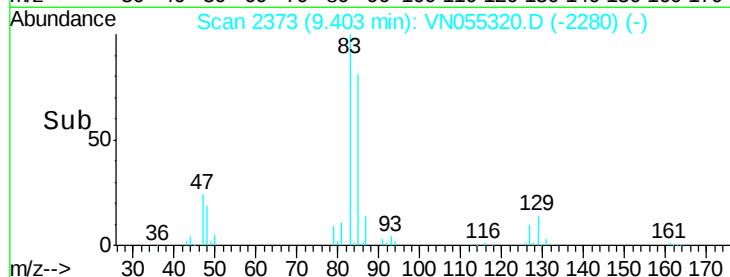
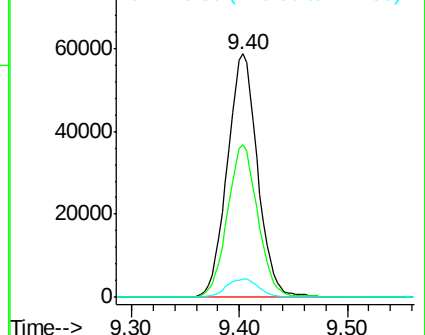
127 7.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN055320.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055320.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055320.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.280 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

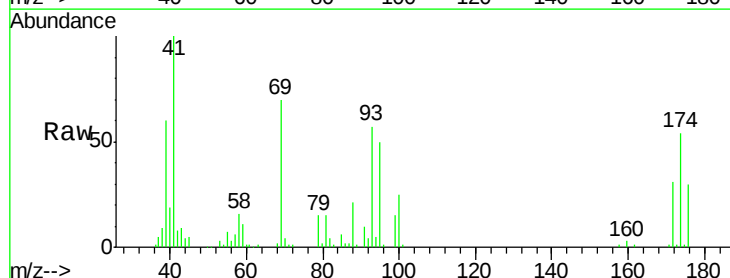
Tgt Ion: 41 Resp: 68388

Ion Ratio Lower Upper

41 100

69 74.6 58.6 87.8

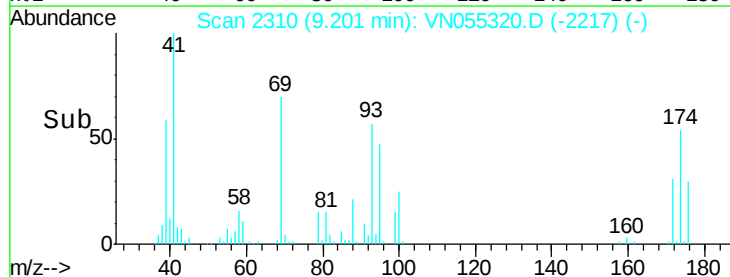
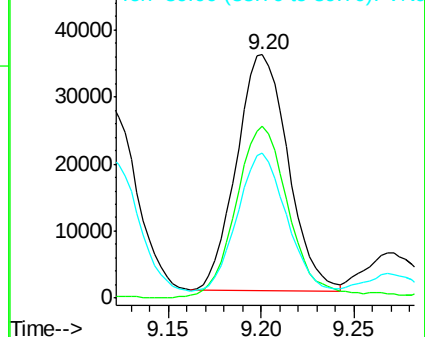
39 60.4 43.8 65.6

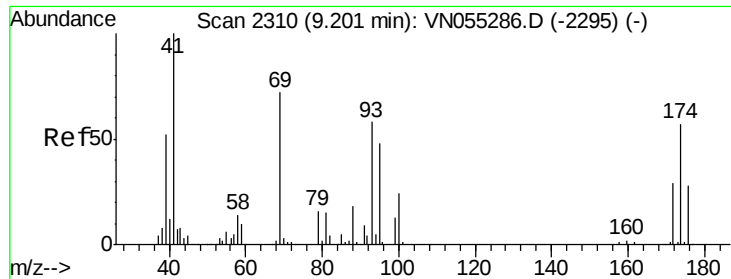


Abundance Ion 41.00 (40.70 to 41.70): VN055320.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055320.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055320.D (-2217) (-)





#49

1,4-Dioxane

Concen: 464.055 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBS01

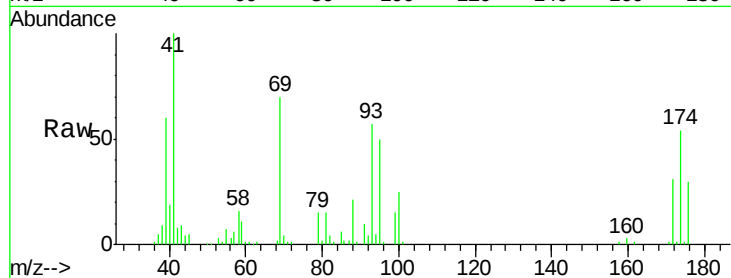
Tot Ion: 88 Resp: 17016

Ion Ratio Lower Upper

88 100

43 36.1 33.3 49.9

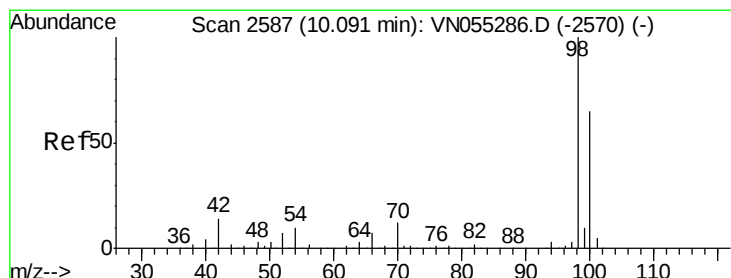
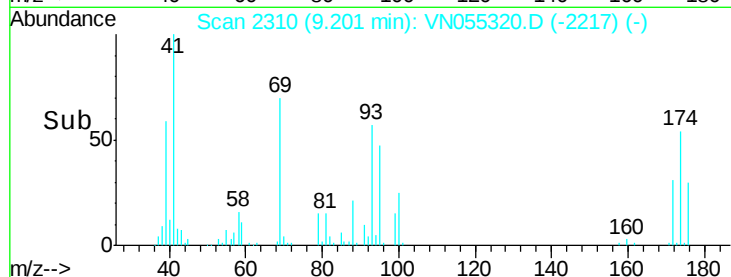
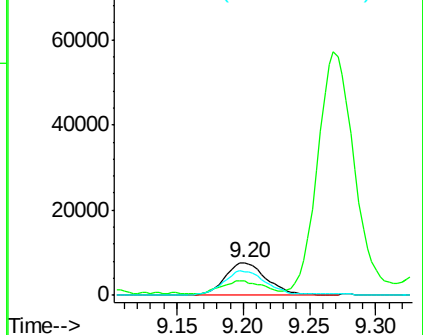
58 76.0 62.7 94.1



Abundance Ion 88.00 (87.70 to 88.70): VN055320.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN055320.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN055320.D (-2217) (-)



#50

Toluene-d8

Concen: 51.010 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055320.D

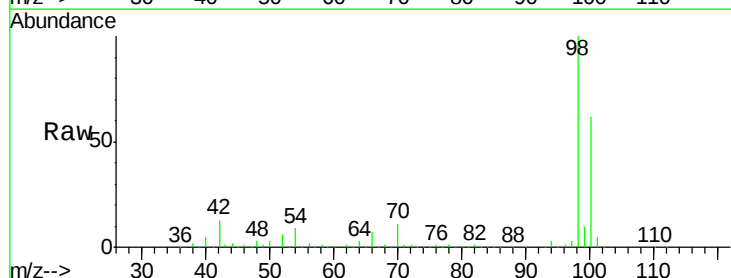
Acq: 1 May 2019 11:20

Tgt Ion: 98 Resp: 739421

Ion Ratio Lower Upper

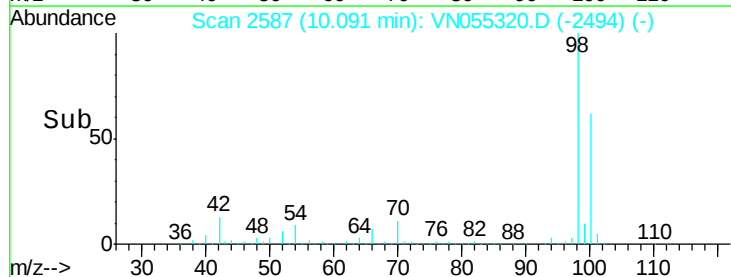
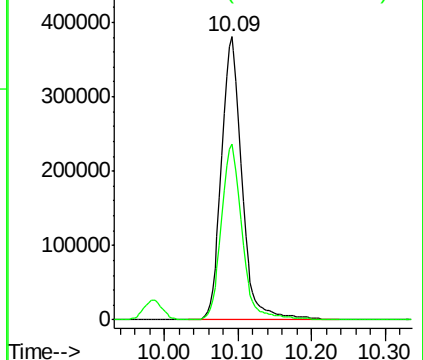
98 100

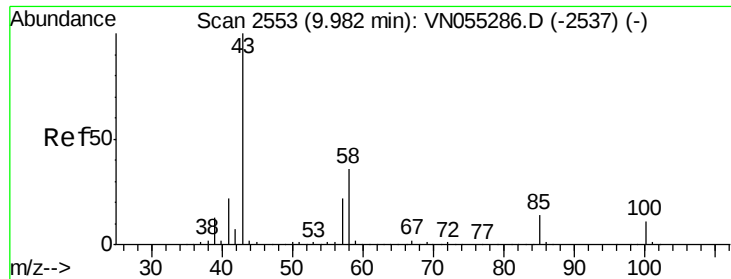
100 63.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055320.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055320.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 104.720 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampled :

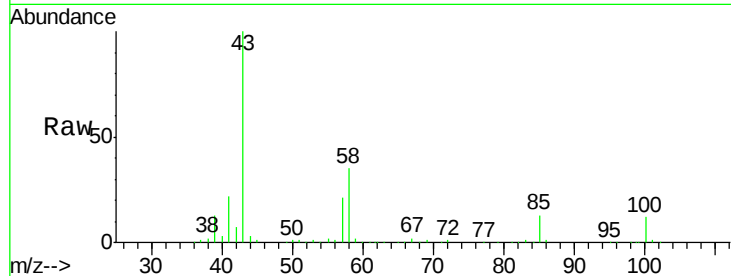
VN0501WBS01

Tot Ion: 43 Resp: 425418

Ion Ratio Lower Upper

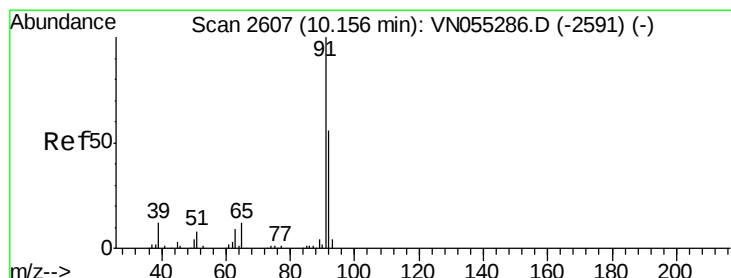
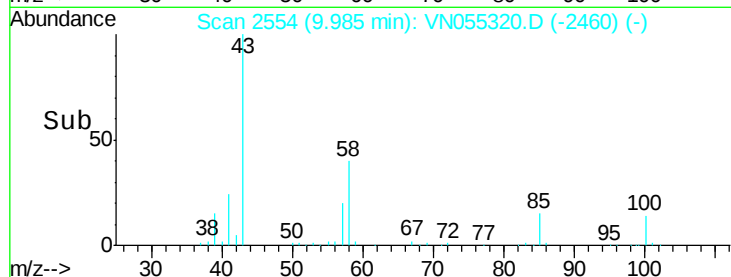
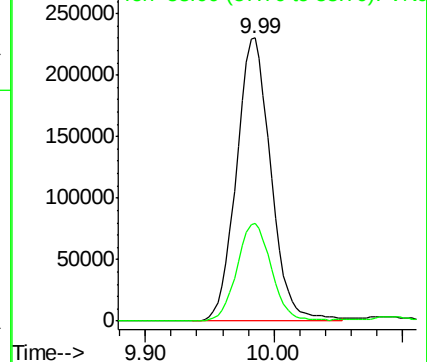
43 100

58 34.7 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.080 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055320.D

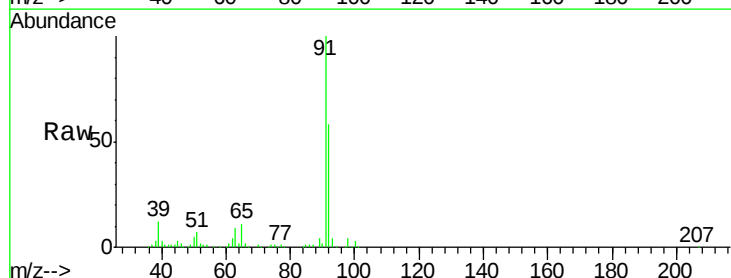
Acq: 1 May 2019 11:20

Tgt Ion: 92 Resp: 198971

Ion Ratio Lower Upper

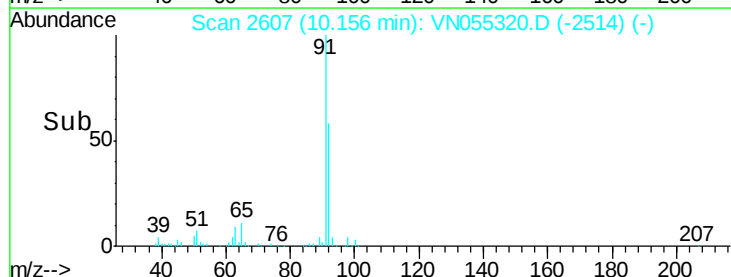
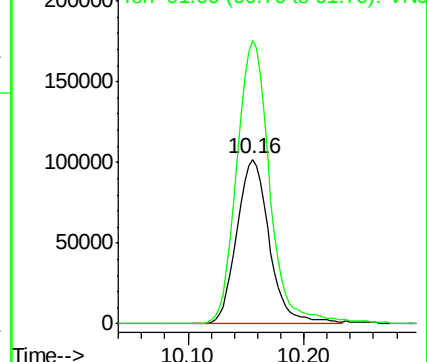
92 100

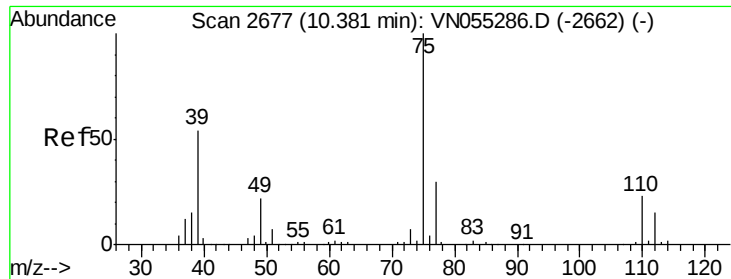
91 175.2 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 20.225 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampleId :

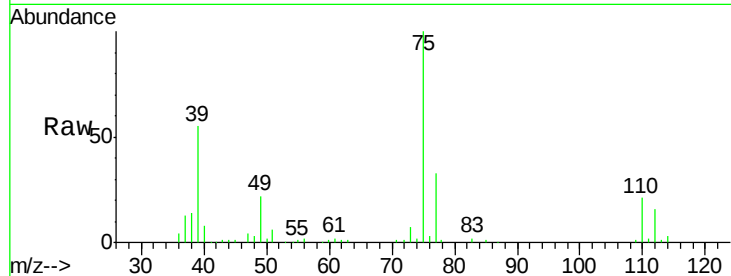
VN0501WBS01

Tot Ion: 75 Resp: 102550

Ion Ratio Lower Upper

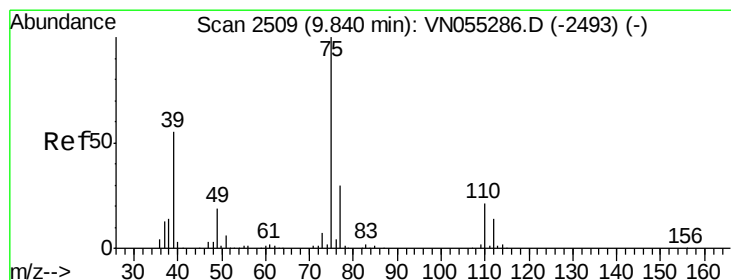
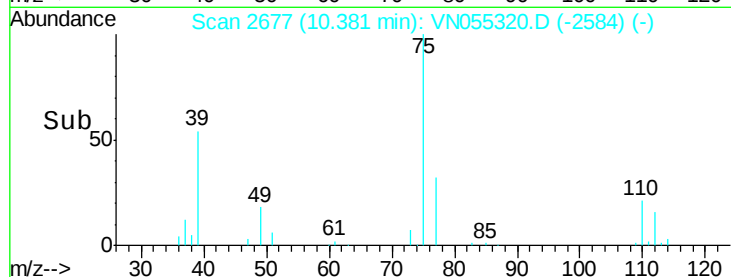
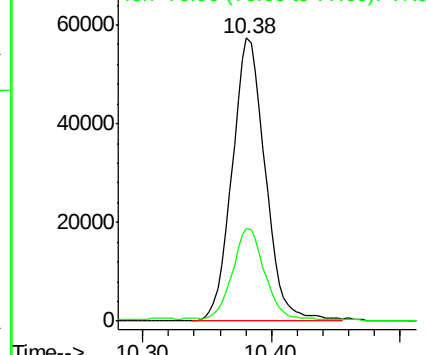
75 100

77 32.3 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.836 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

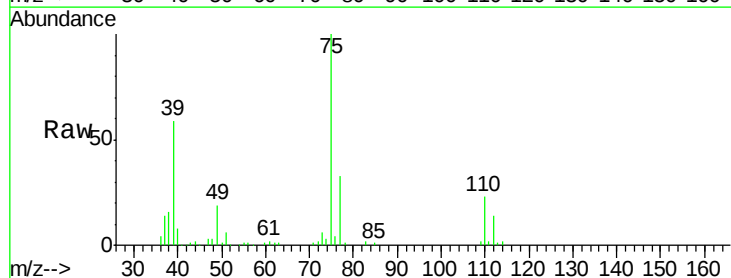
Tgt Ion: 75 Resp: 125396

Ion Ratio Lower Upper

75 100

77 33.2 24.2 36.2

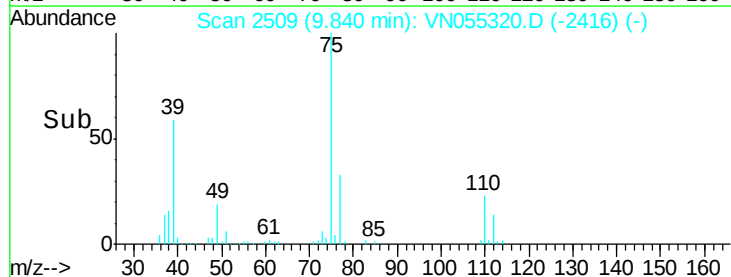
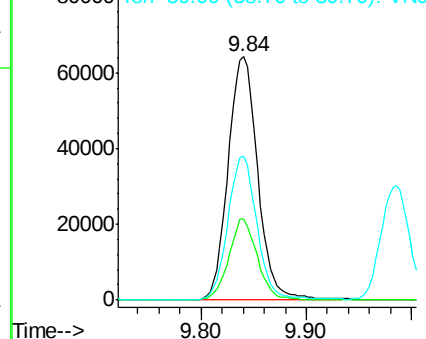
39 58.6 44.2 66.2

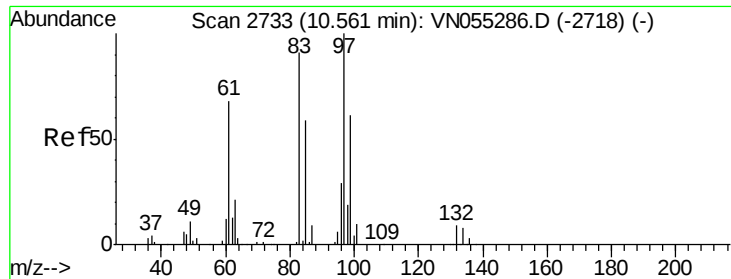


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



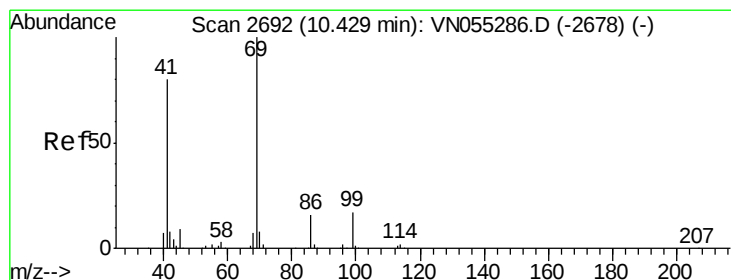
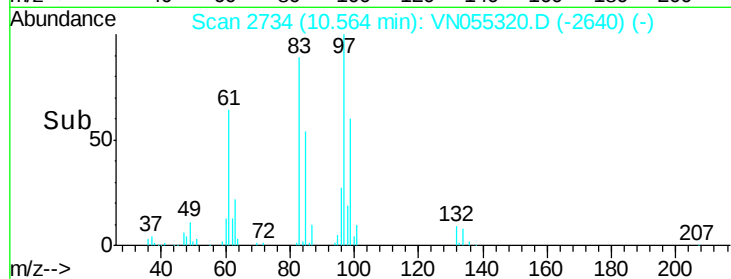
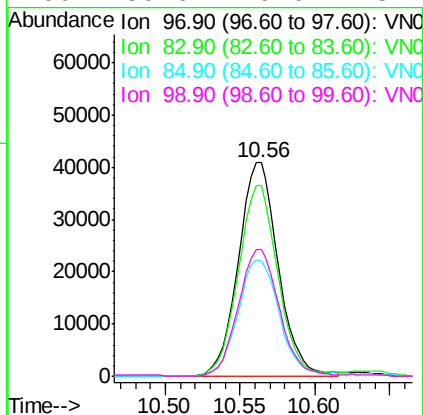
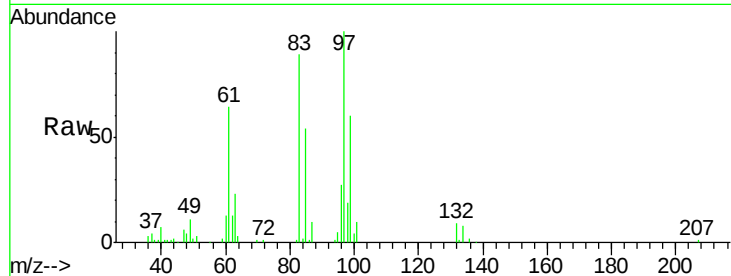


#55  
 1,1,2-Trichloroethane  
 Concen: 20.599 ug/l  
 RT: 10.56 min Scan# 2734  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBS01

Tot Ion: 97 Resp: 75797  

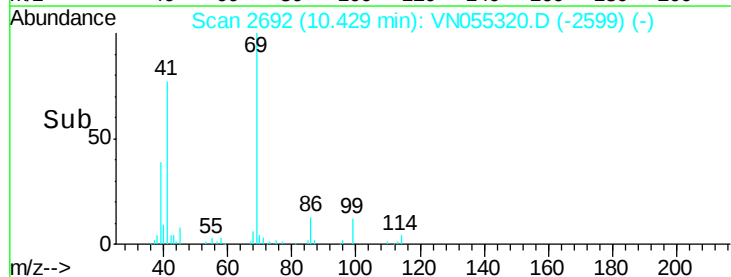
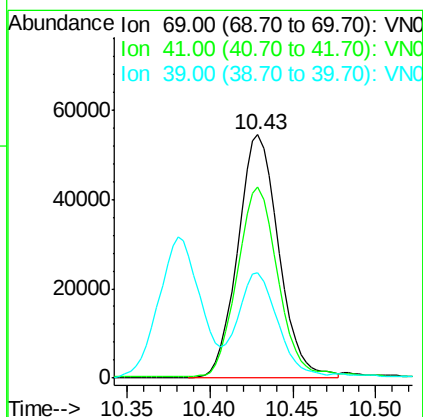
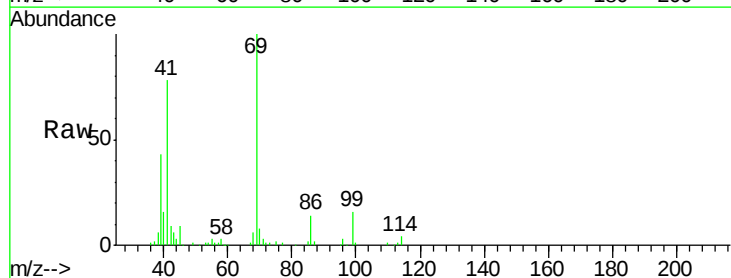
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 89.1  | 72.8  | 109.2 |
| 85  | 54.2  | 47.0  | 70.6  |
| 99  | 59.6  | 49.0  | 73.4  |

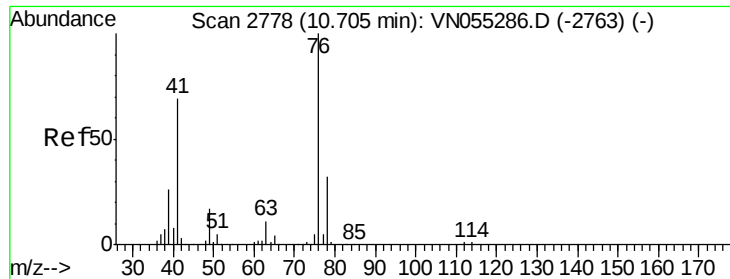


#56  
 Ethyl methacrylate  
 Concen: 20.686 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

Tgt Ion: 69 Resp: 93686  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 78.1  | 62.7  | 94.1  |
| 39  | 40.1  | 32.0  | 48.0  |

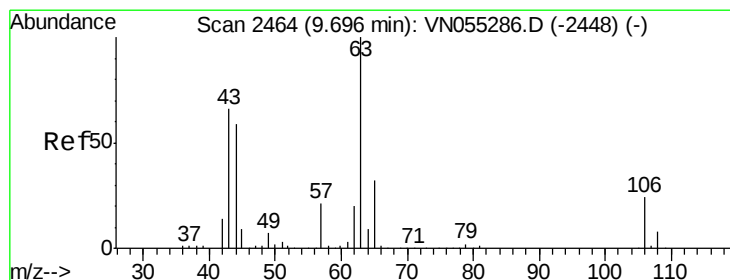
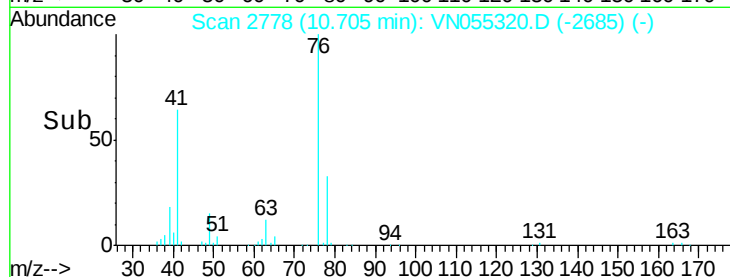
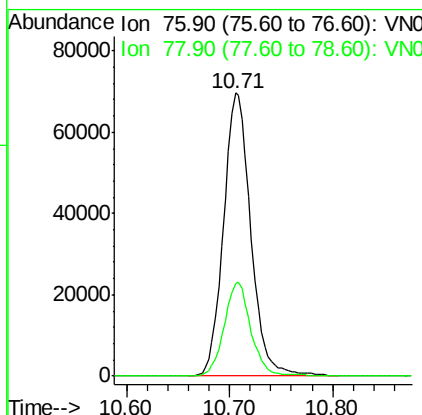
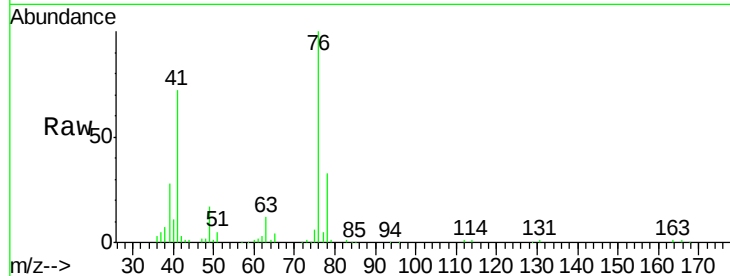




#57  
 1,3-Dichloropropane  
 Concen: 19.892 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

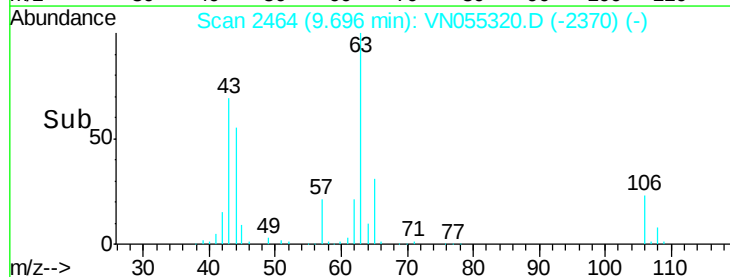
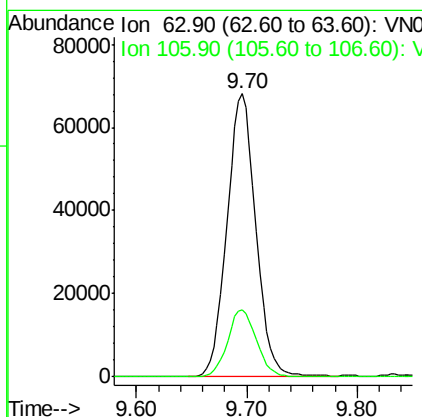
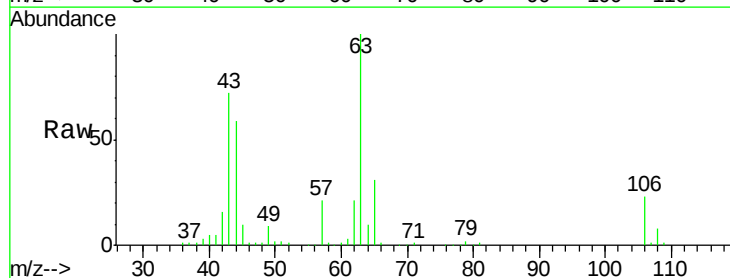
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBS01

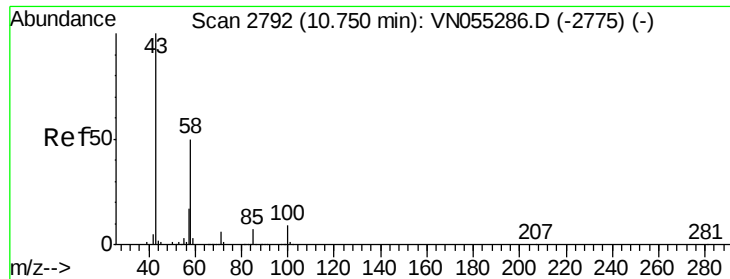
Tot Ion: 76 Resp: 128400  
 Ion Ratio Lower Upper  
 76 100  
 78 32.6 25.6 38.4



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 96.022 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

Tgt Ion: 63 Resp: 123666  
 Ion Ratio Lower Upper  
 63 100  
 106 23.8 19.0 28.4

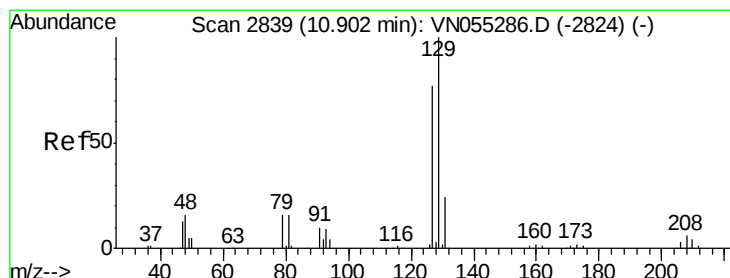
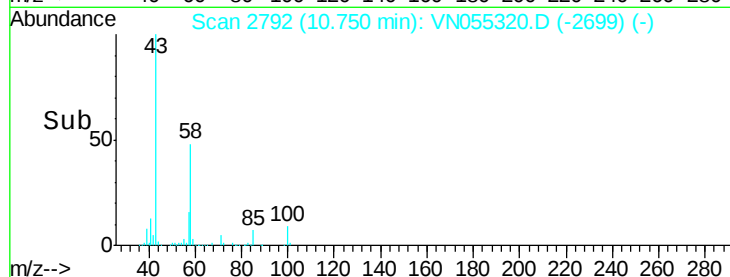
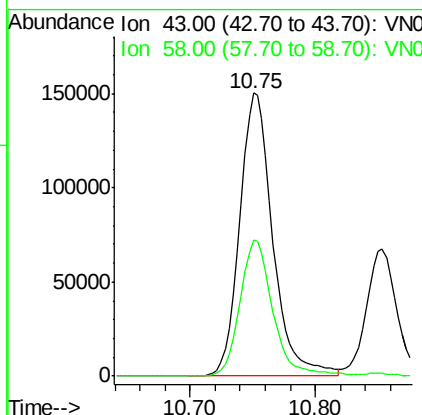
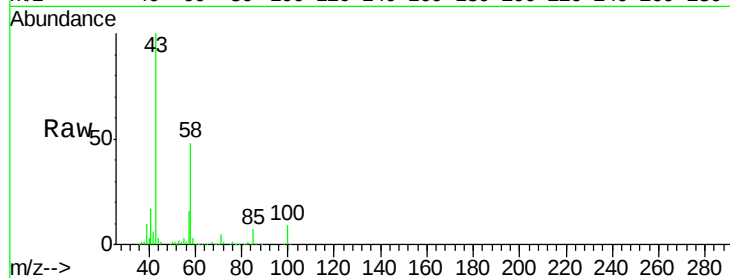




#59  
2-Hexanone  
Concen: 107.927 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

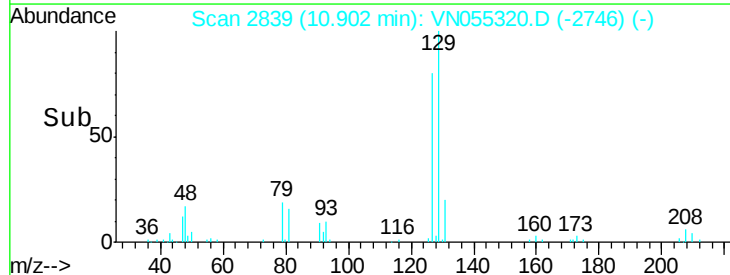
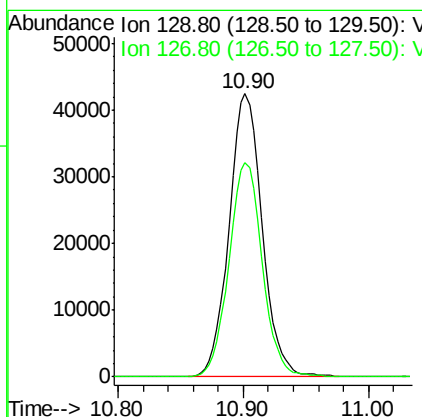
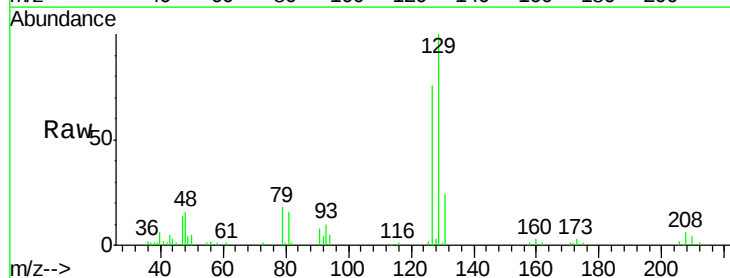
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBS01

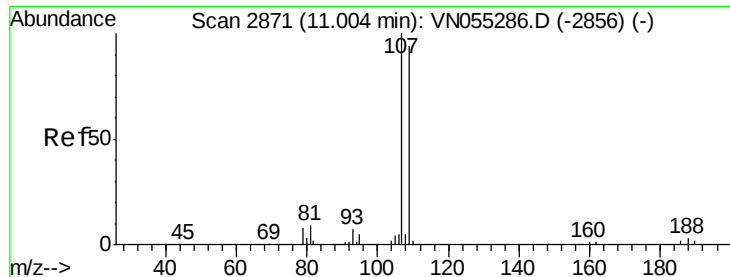
Tot Ion: 43 Resp: 274330  
Ion Ratio Lower Upper  
43 100  
58 48.0 24.9 74.6



#60  
Dibromochloromethane  
Concen: 20.728 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Tgt Ion: 129 Resp: 77952  
Ion Ratio Lower Upper  
129 100  
127 76.0 38.1 114.5





#61

1,2-Dibromoethane

Concen: 20.615 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampleId :

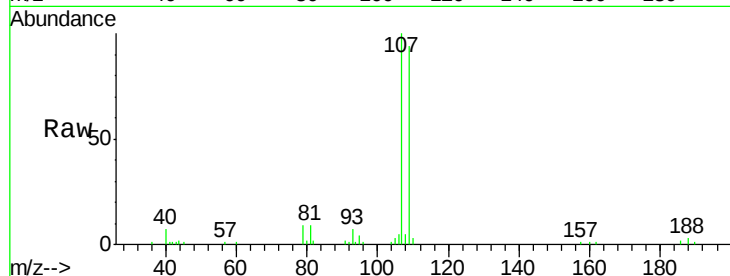
VN0501WBS01

Tot Ion:107 Resp: 70111

Ion Ratio Lower Upper

107 100

109 93.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

40000

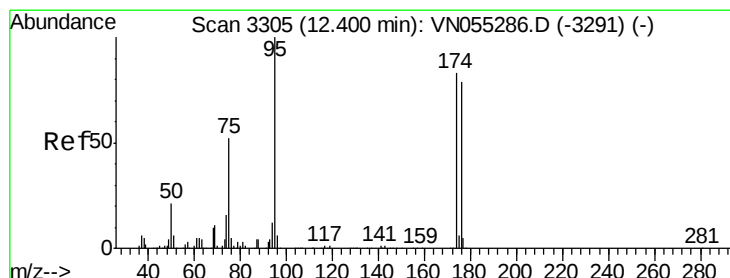
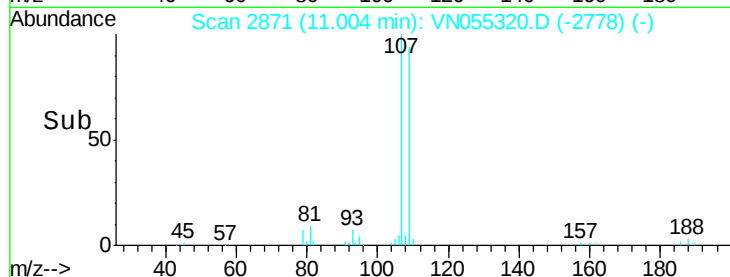
30000

20000

10000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 52.814 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

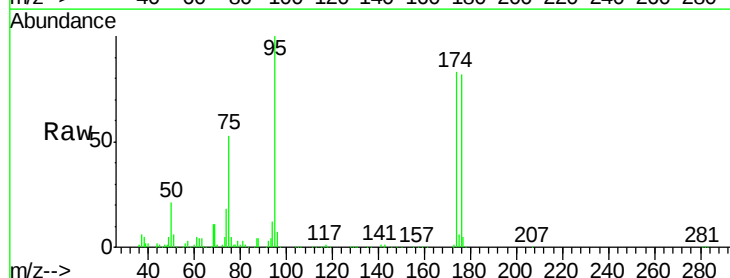
Tgt Ion: 95 Resp: 239269

Ion Ratio Lower Upper

95 100

174 82.5 0.0 166.6

176 81.0 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

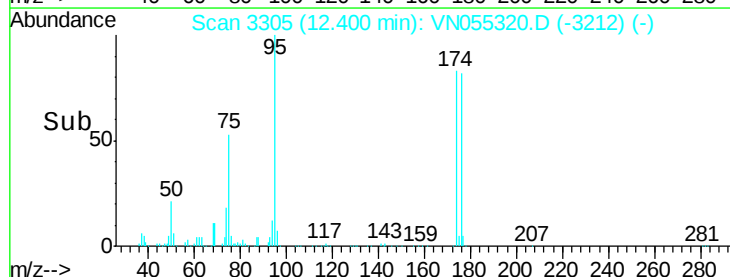
150000

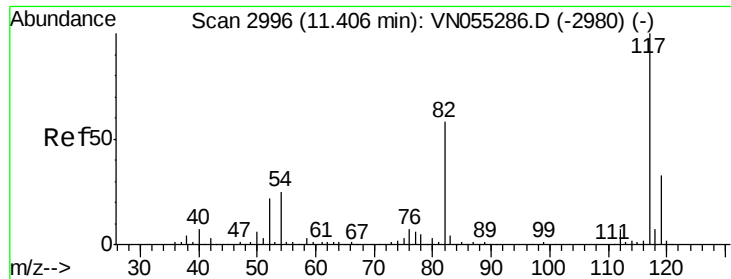
100000

50000

0

Time--> 12.35 12.40 12.45 12.50

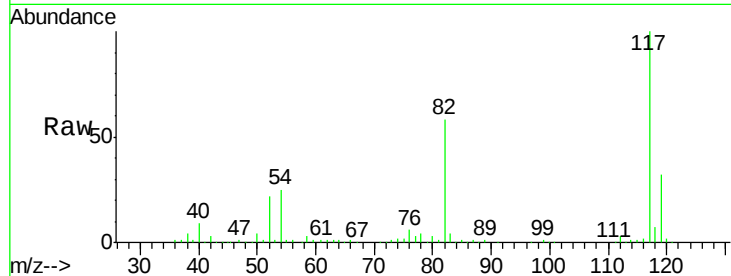




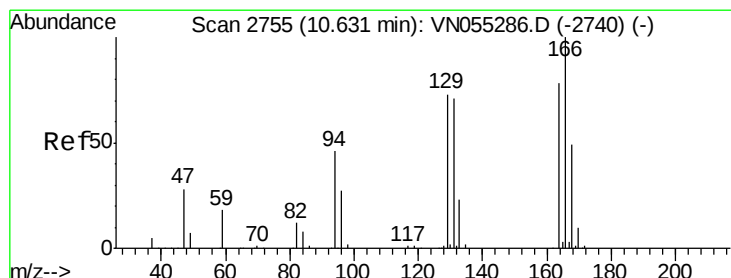
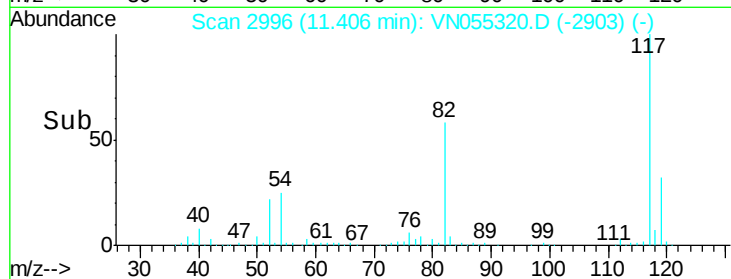
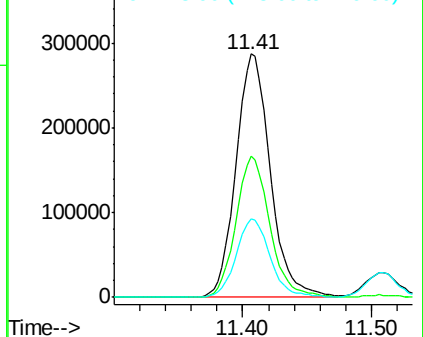
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBS01

Tot Ion:117 Resp: 531395  
Ion Ratio Lower Upper  
117 100  
82 58.0 46.2 69.4  
119 32.3 26.6 40.0



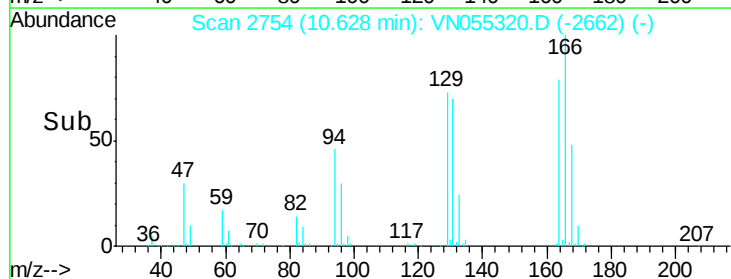
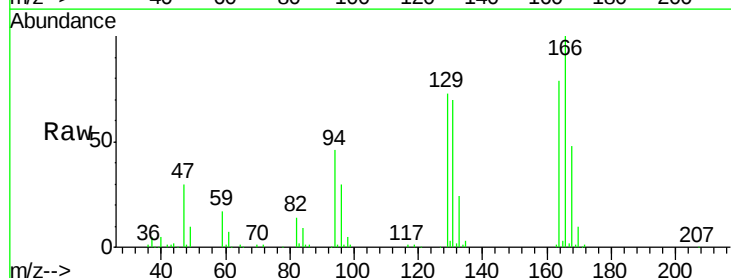
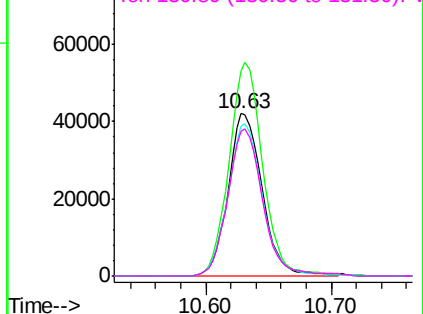
Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

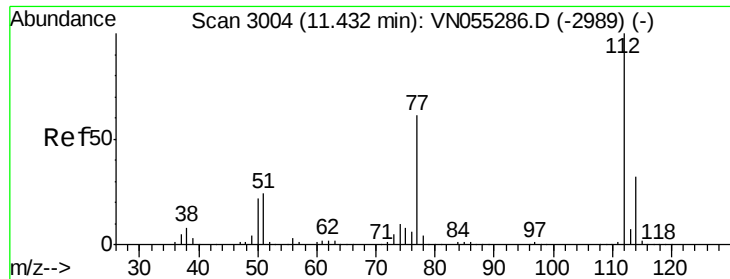


#64  
Tetrachloroethene  
Concen: 18.272 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. -0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Tgt Ion:164 Resp: 79402  
Ion Ratio Lower Upper  
164 100  
166 126.5 102.3 153.5  
129 92.6 75.0 112.6  
131 89.1 72.7 109.1

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

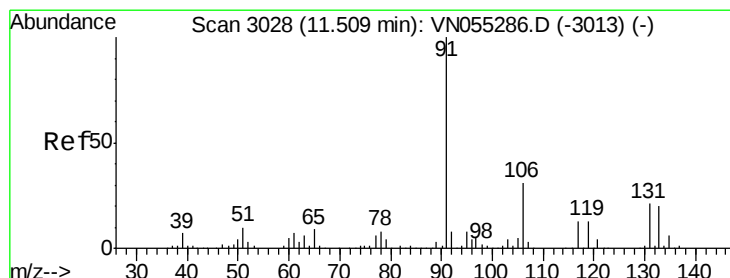
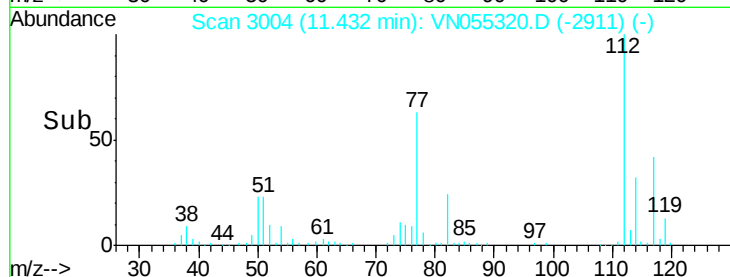
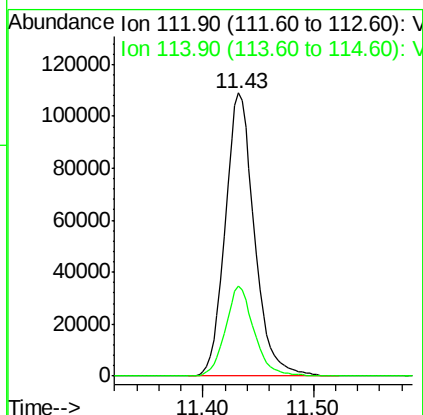
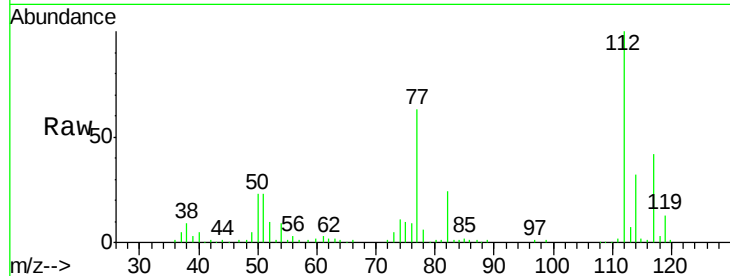




#65  
Chlorobenzene  
Concen: 19.207 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

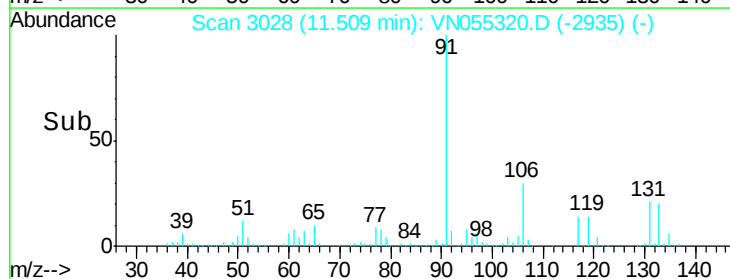
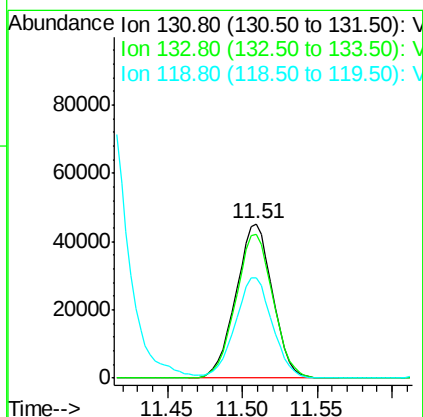
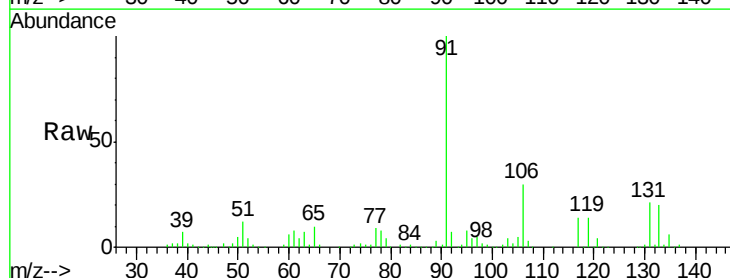
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBS01

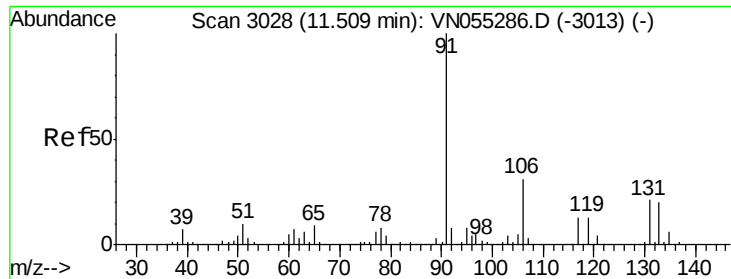
Tot Ion:112 Resp: 199549  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.917 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Tgt Ion:131 Resp: 76956  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.5 142.6  
119 65.8 32.7 98.1

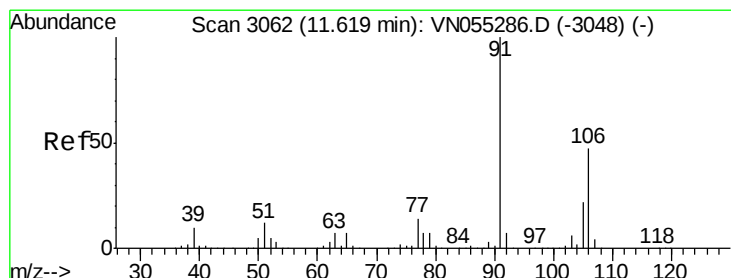
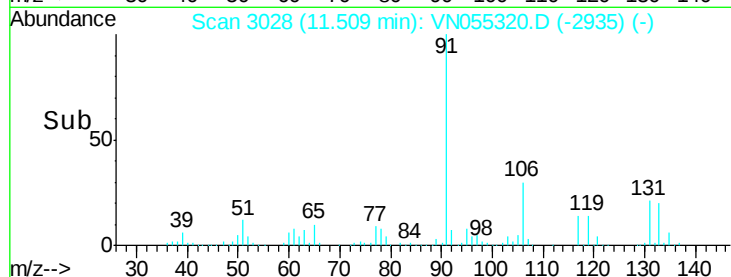
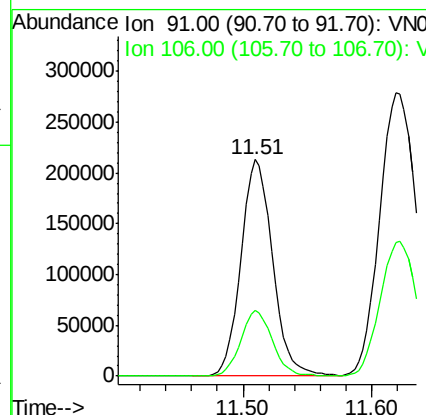
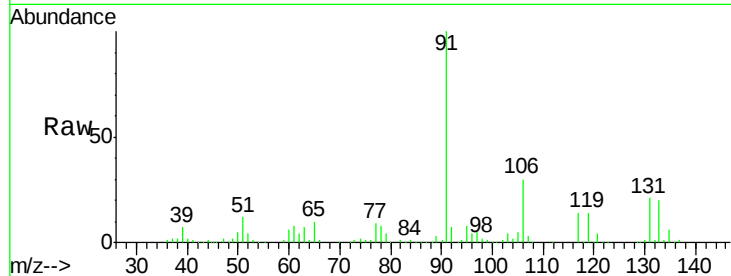




#67  
Ethyl Benzene  
Concen: 19.493 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

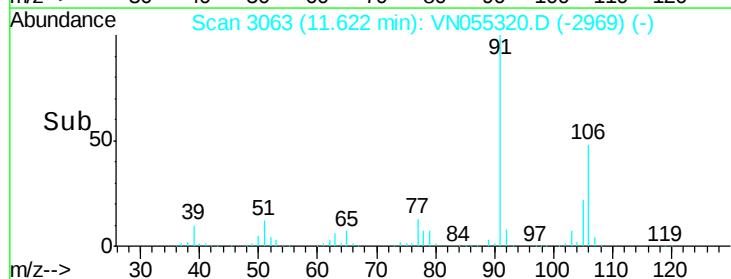
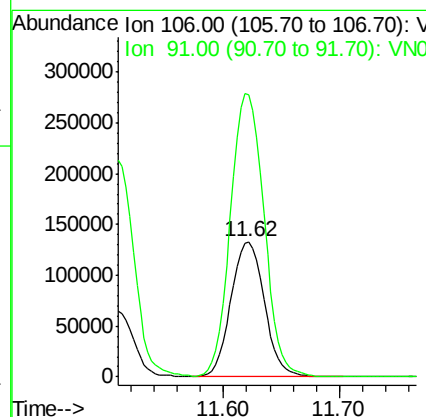
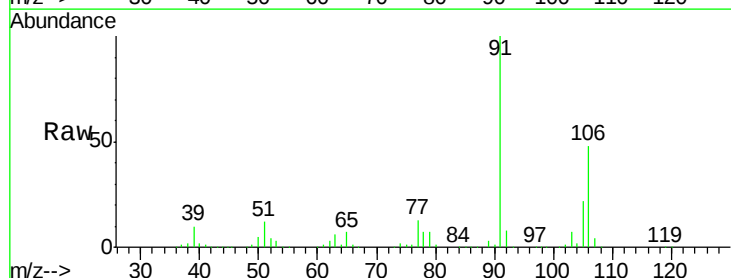
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0501WBS01

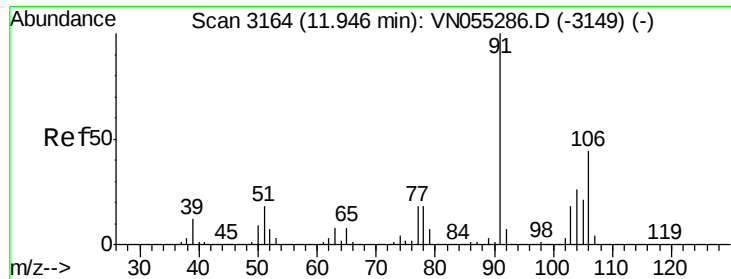
Tot Ion: 91 Resp: 365707  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.6 36.8



#68  
m/p-Xylenes  
Concen: 39.852 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Tgt Ion: 106 Resp: 266880  
Ion Ratio Lower Upper  
106 100  
91 209.8 169.5 254.3

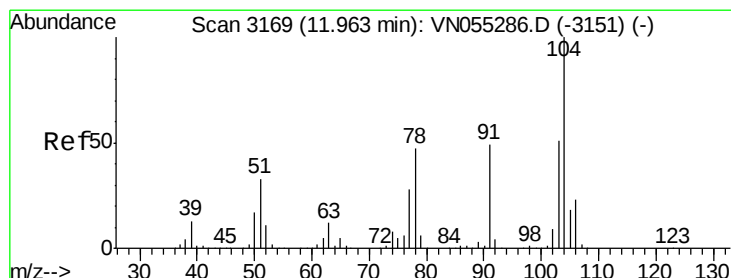
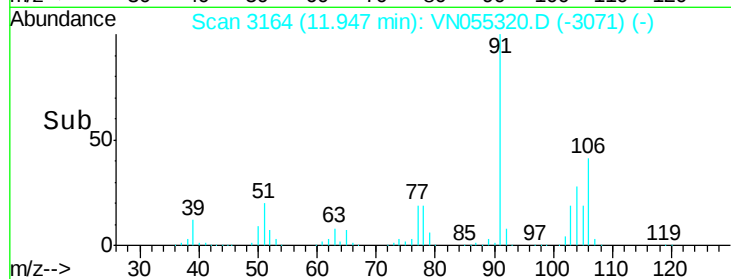
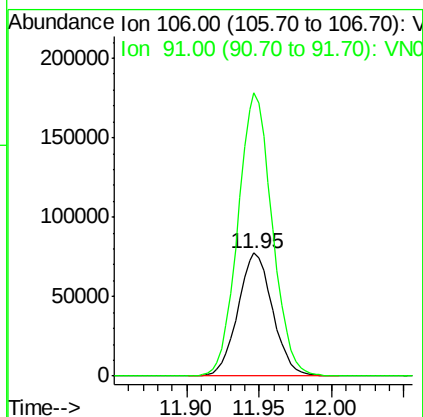
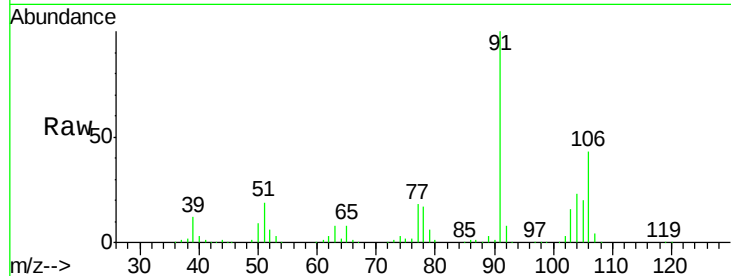




#69  
o-Xylene  
Concen: 19.427 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

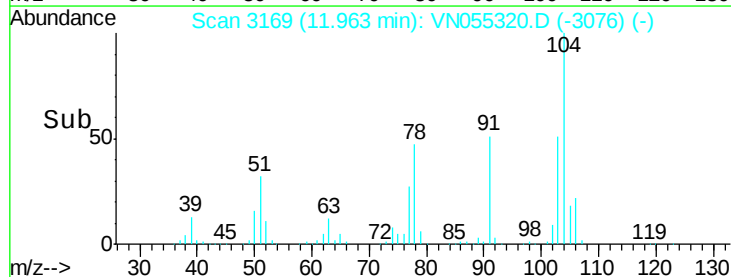
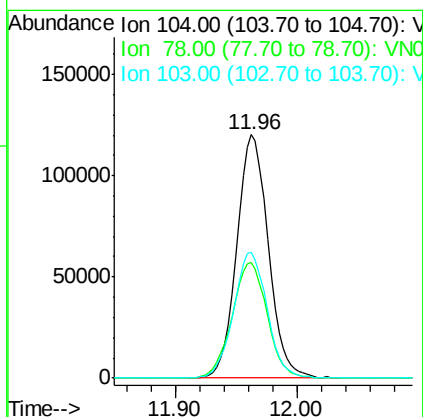
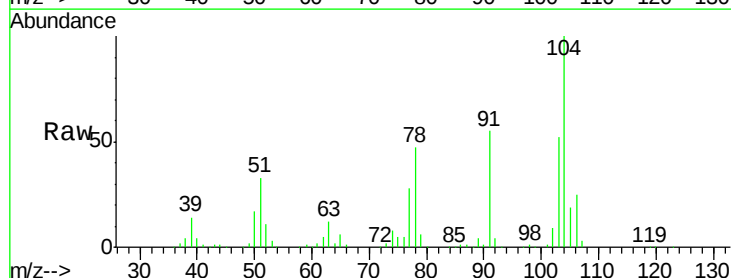
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBS01

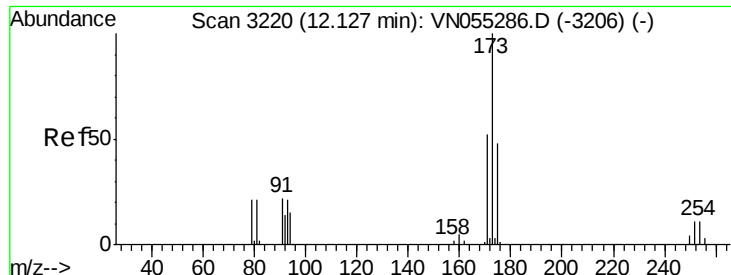
Tot Ion:106 Resp: 128949  
Ion Ratio Lower Upper  
106 100  
91 227.0 111.5 334.5



#70  
Styrene  
Concen: 21.043 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Tgt Ion:104 Resp: 214461  
Ion Ratio Lower Upper  
104 100  
78 53.1 42.2 63.2  
103 55.3 44.6 67.0

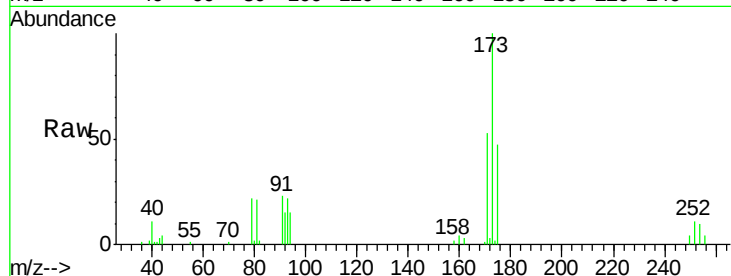




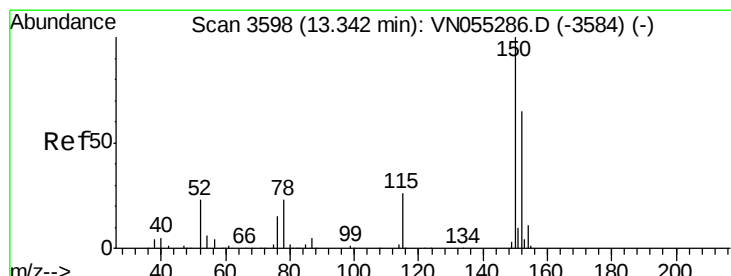
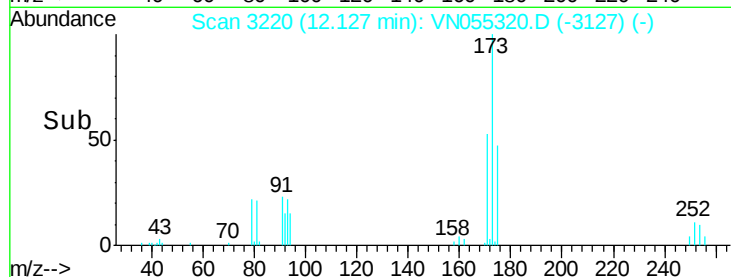
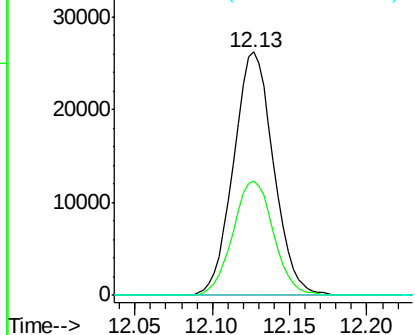
#71  
Bromoform  
Concen: 20.839 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0501WBS01

Tot Ion:173 Resp: 47042  
Ion Ratio Lower Upper  
173 100  
175 47.7 23.6 71.0  
254 0.0 0.0 0.0

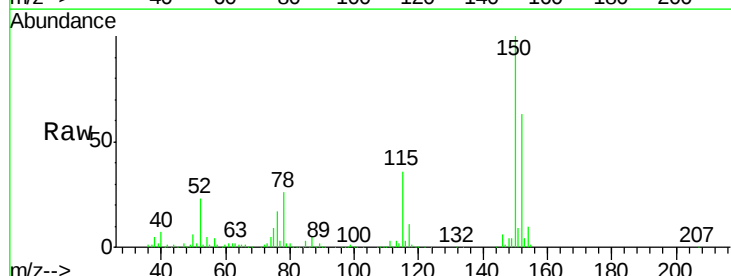


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

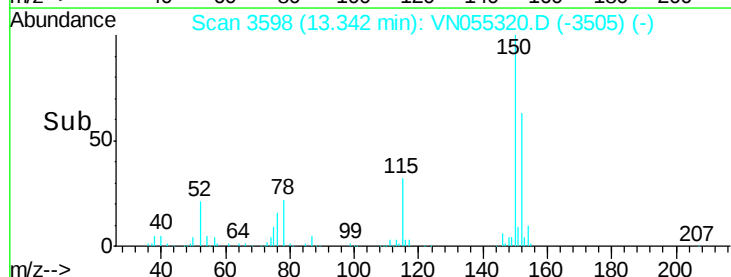
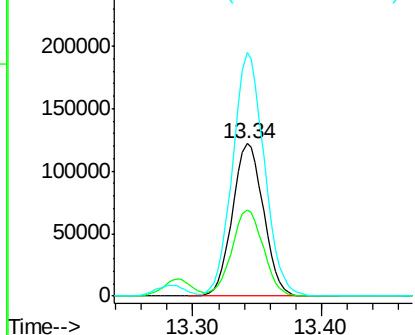


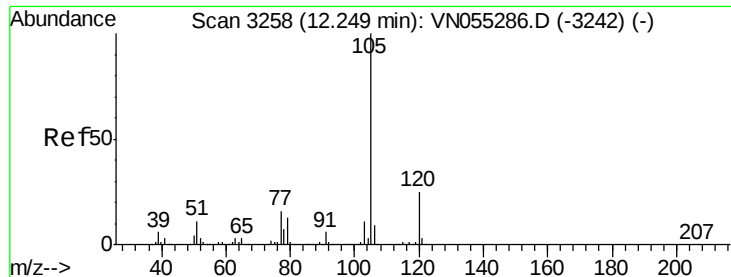
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Tgt Ion:152 Resp: 203882  
Ion Ratio Lower Upper  
152 100  
115 57.5 29.0 87.0  
150 163.4 0.0 345.6



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





#73

Isopropylbenzene

Concen: 20.022 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampleId :

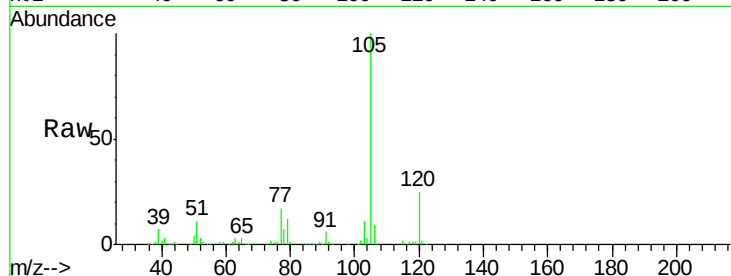
VN0501WBS01

Tot Ion:105 Resp: 355563

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

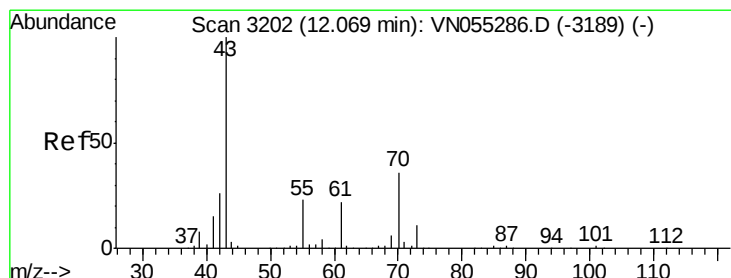
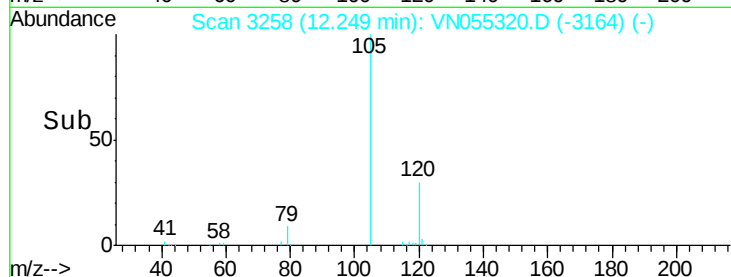
0

12.20

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 19.704 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Tgt Ion: 43 Resp: 103100

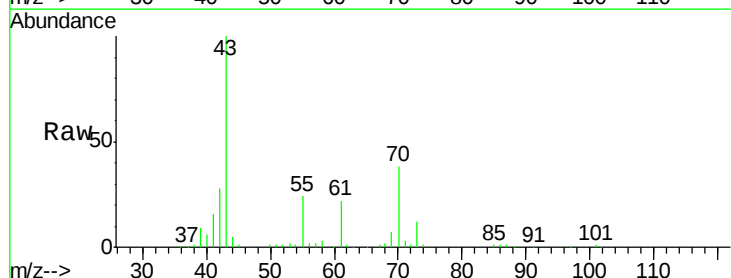
Ion Ratio Lower Upper

43 100

70 35.9 27.9 41.9

55 23.4 18.2 27.2

61 21.2 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

40000

20000

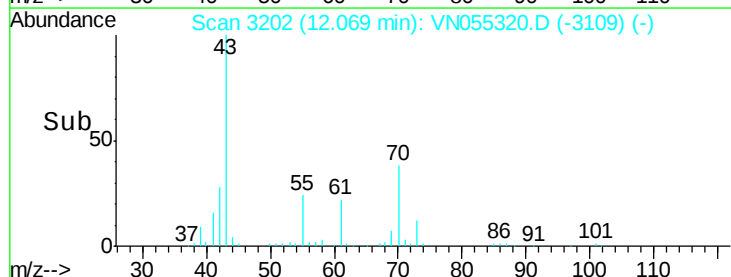
0

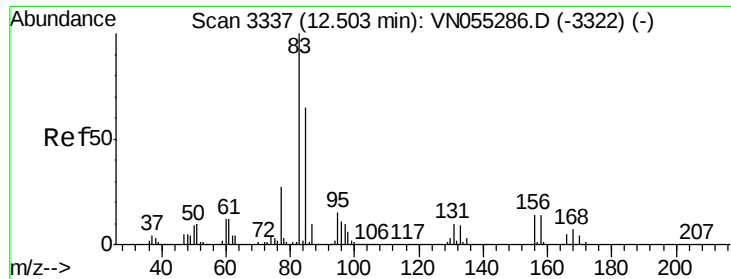
12.00

12.07

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.861 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBS01

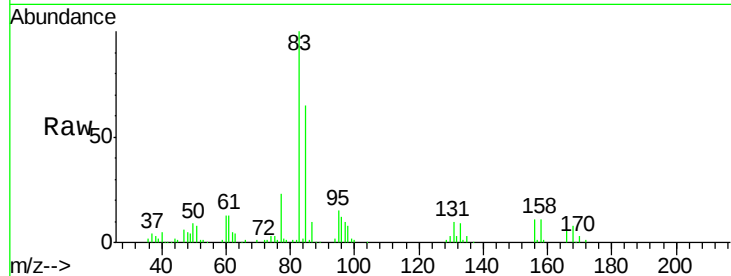
Tot Ion: 83 Resp: 91756

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

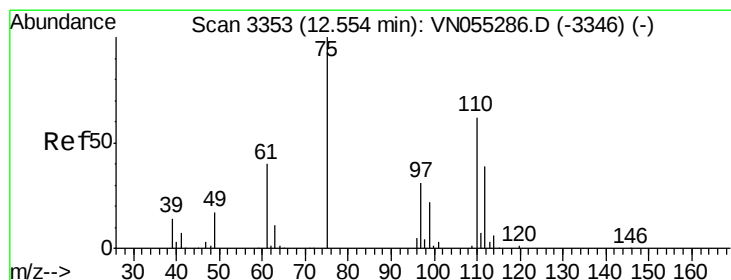
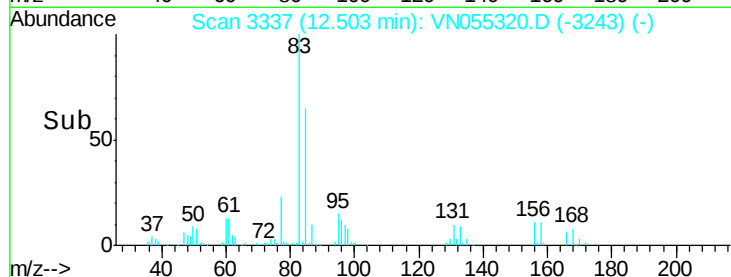
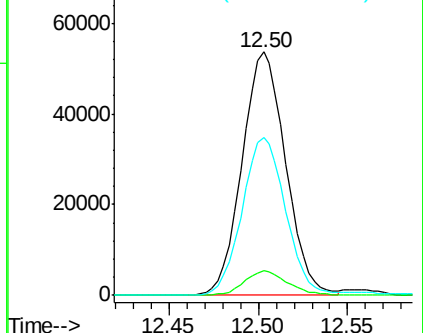
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN055320.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055320.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055320.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 26.923 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055320.D

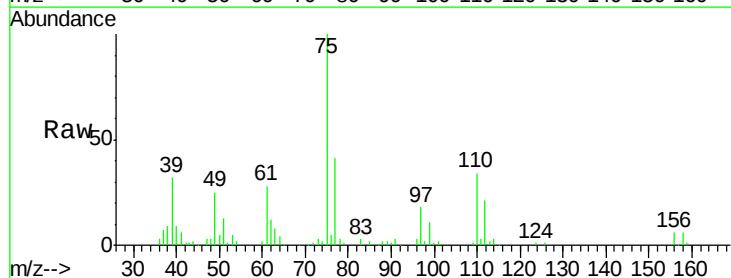
Acq: 1 May 2019 11:20

Tgt Ion: 75 Resp: 106434

Ion Ratio Lower Upper

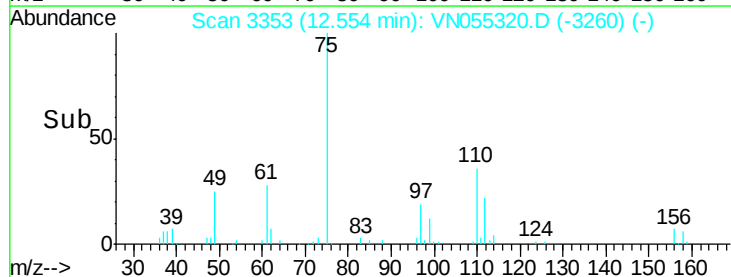
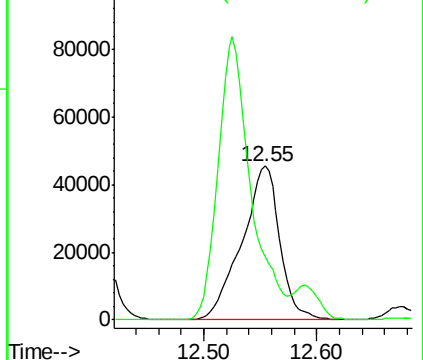
75 100

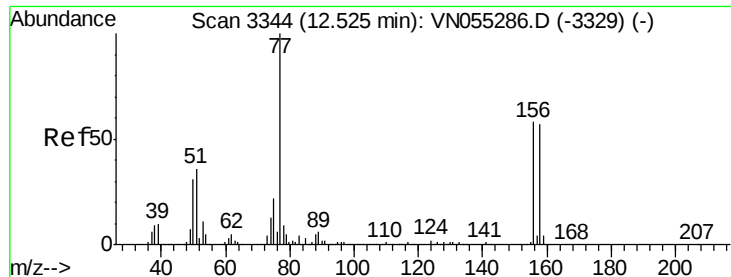
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055320.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055320.D (-3260) (-)





#77

Bromobenzene

Concen: 20.321 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampled :

VN0501WBS01

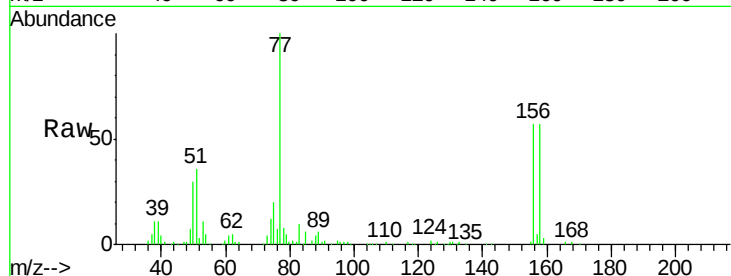
Tot Ion:156 Resp: 84129

Ion Ratio Lower Upper

156 100

77 199.7 99.6 298.8

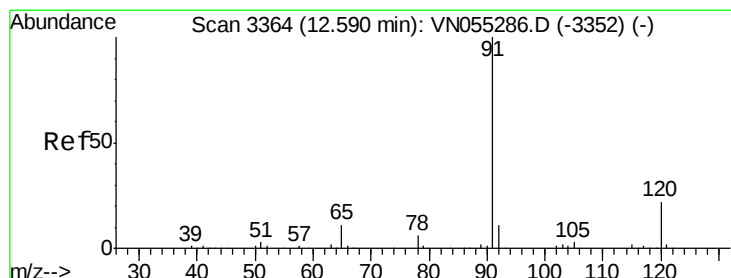
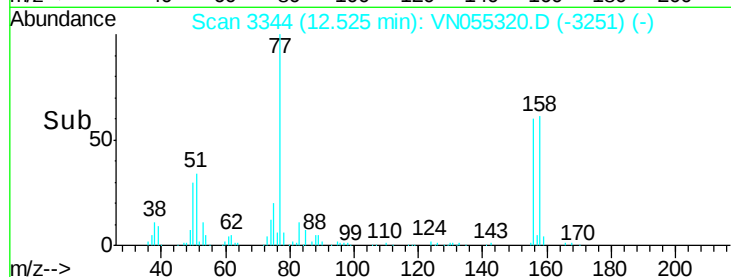
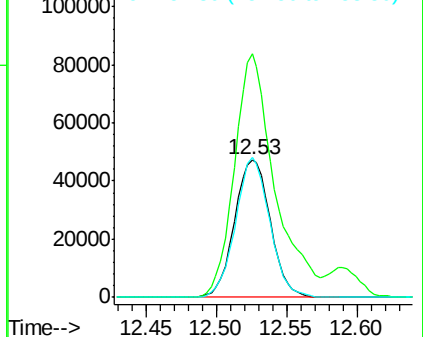
158 96.6 49.3 147.8



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: 18.381 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055320.D

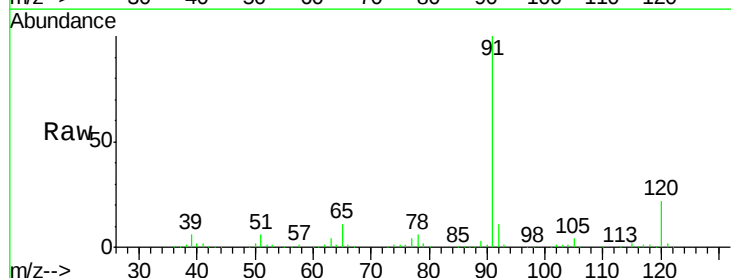
Acq: 1 May 2019 11:20

Tgt Ion: 91 Resp: 384956

Ion Ratio Lower Upper

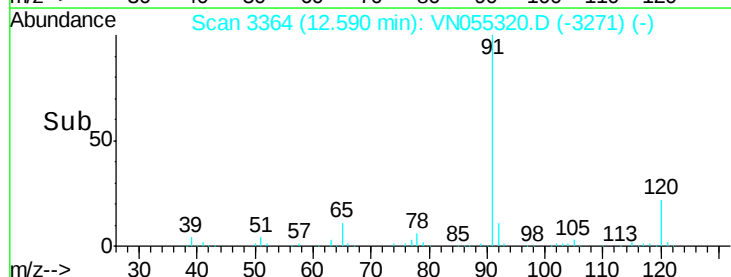
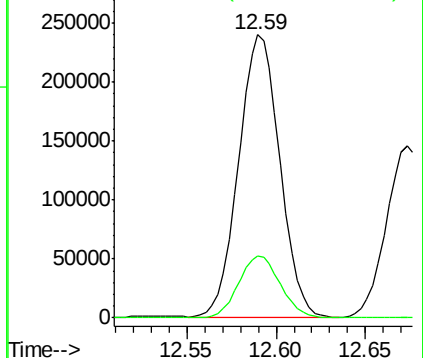
91 100

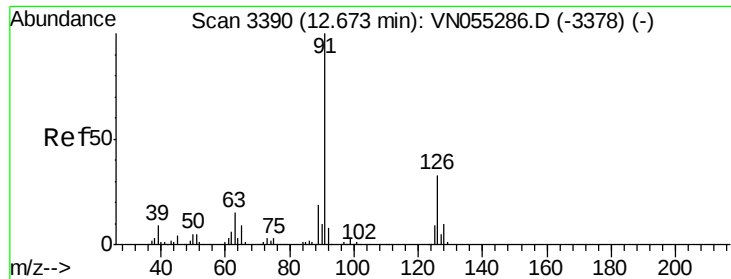
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.637 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampleId :

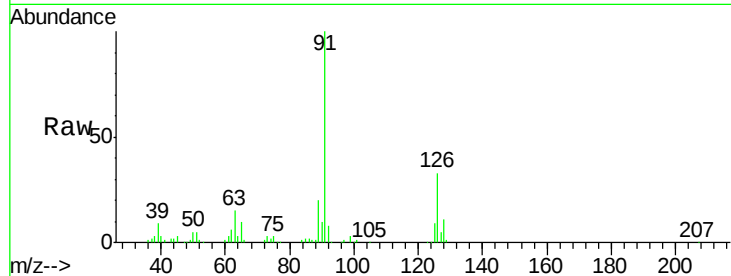
VN0501WBS01

Tot Ion: 91 Resp: 245309

Ion Ratio Lower Upper

91 100

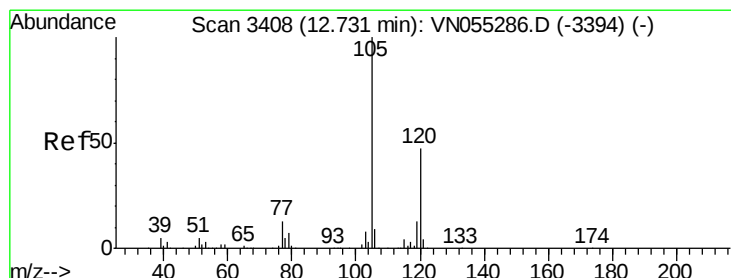
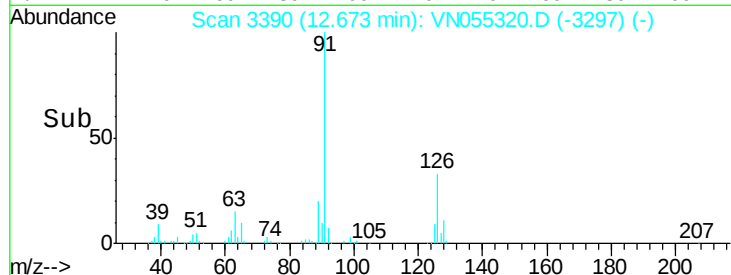
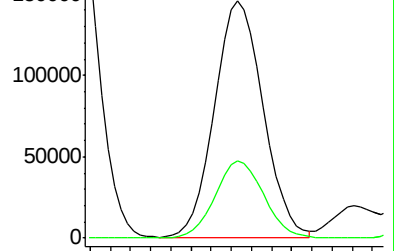
126 32.9 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN055320.D (-3397) (-)

Ion 125.90 (125.60 to 126.60): VN055320.D (-3397) (-)

12.67



#80

1,3,5-Trimethylbenzene

Concen: 18.192 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055320.D

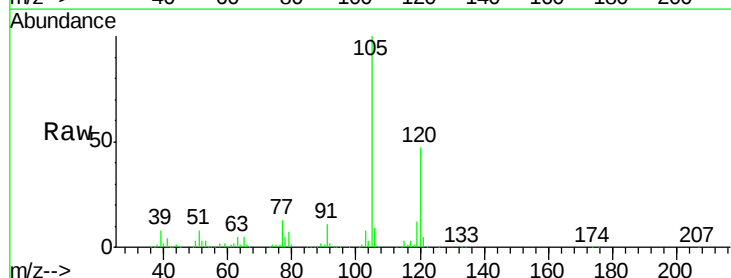
Acq: 1 May 2019 11:20

Tgt Ion: 105 Resp: 290783

Ion Ratio Lower Upper

105 100

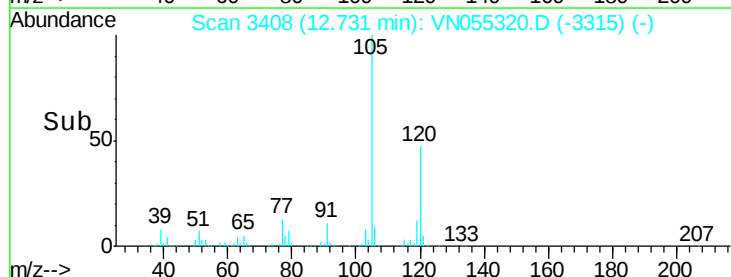
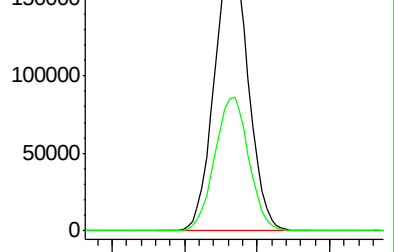
120 48.4 23.4 70.0

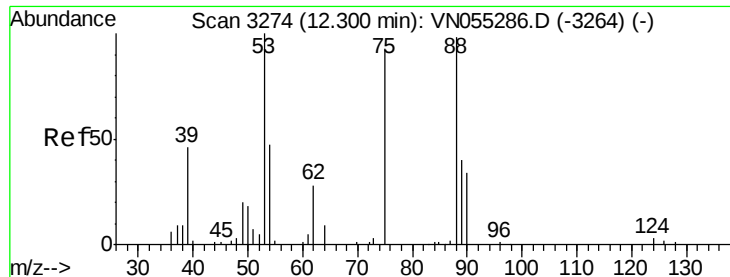


Abundance Ion 105.00 (104.70 to 105.70): VN055320.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN055320.D (-3315) (-)

12.73





#81

trans-1,4-Dichloro-2-butene

Concen: 18.786 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBS01

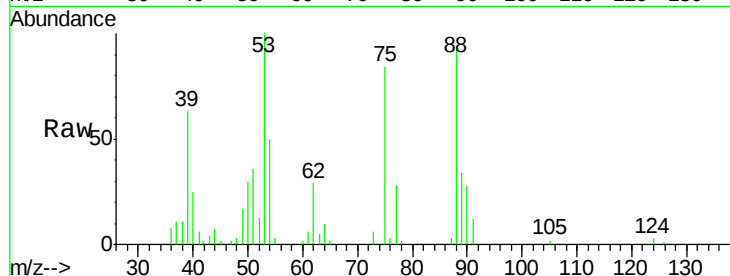
Tot Ion: 75 Resp: 20211

Ion Ratio Lower Upper

75 100

53 118.7 86.3 129.5

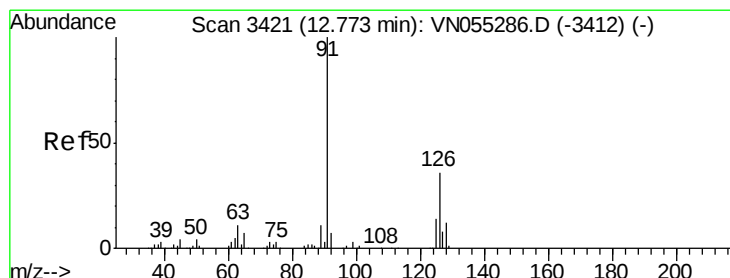
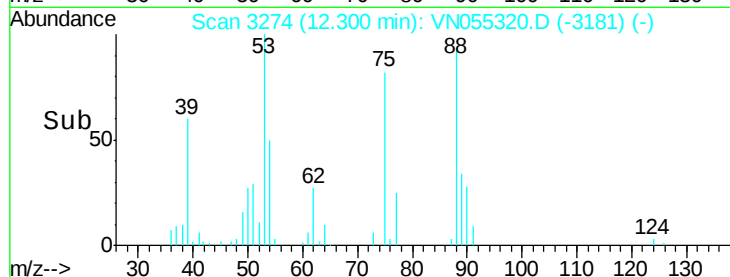
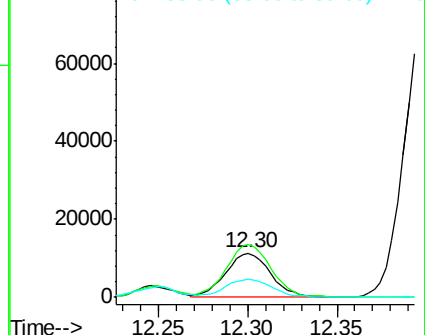
89 41.9 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VN055320.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN055320.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN055320.D (-3181) (-)



#82

4-Chlorotoluene

Concen: 18.442 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055320.D

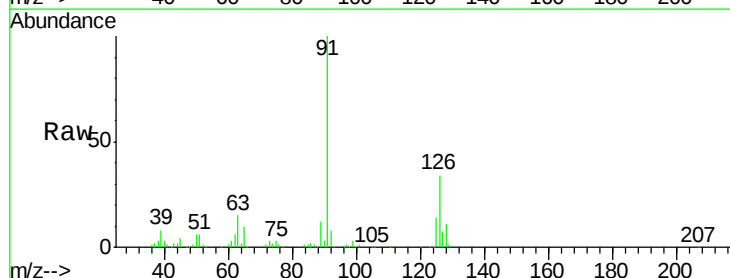
Acq: 1 May 2019 11:20

Tgt Ion: 91 Resp: 224570

Ion Ratio Lower Upper

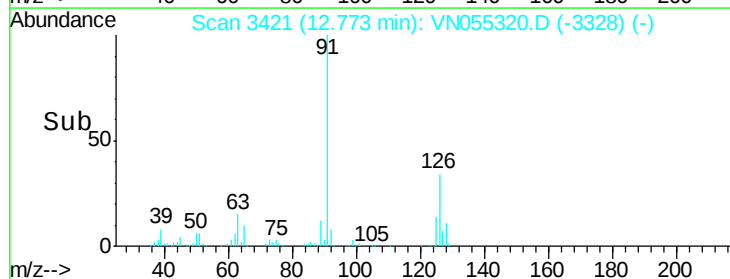
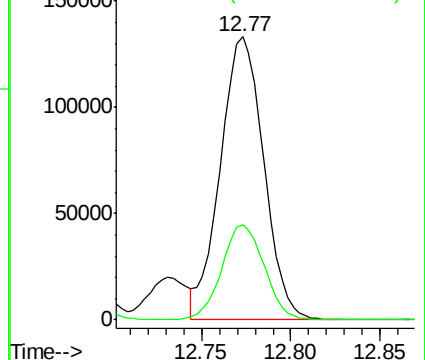
91 100

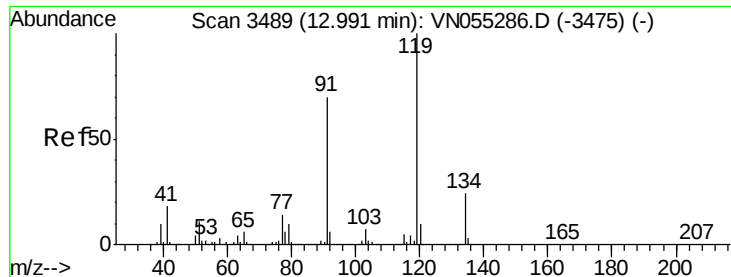
126 33.1 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN055320.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN055320.D (-3328) (-)

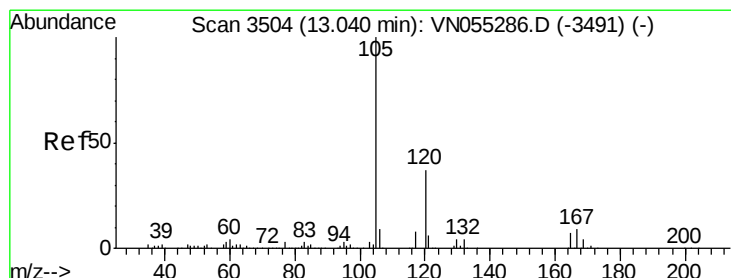
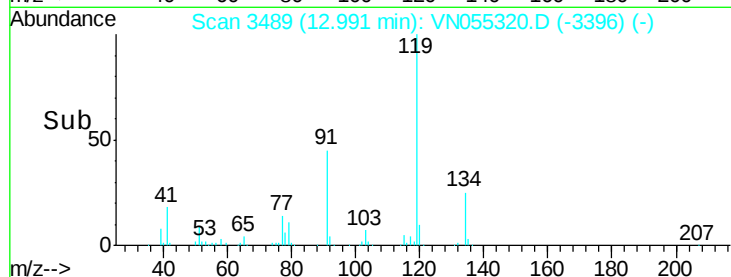
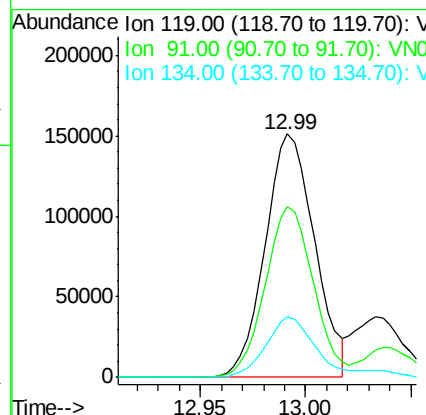
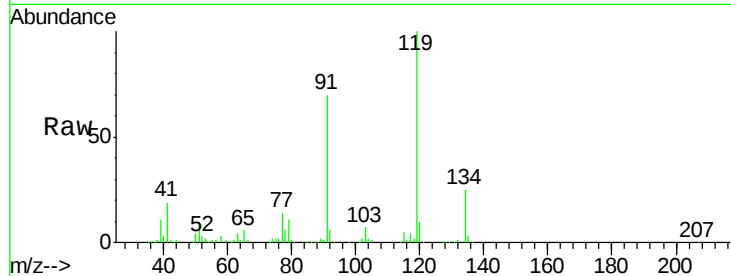




#83  
tert-Butylbenzene  
Concen: 20.105 ug/l  
RT: 12.99 min Scan# 3489  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

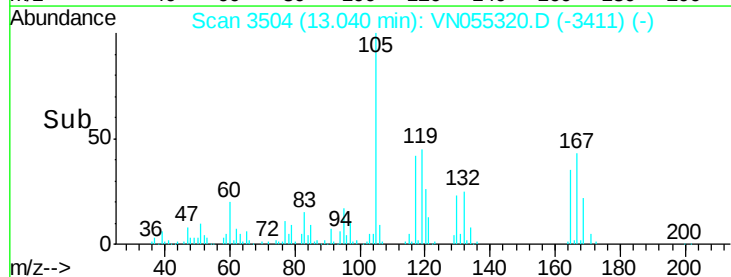
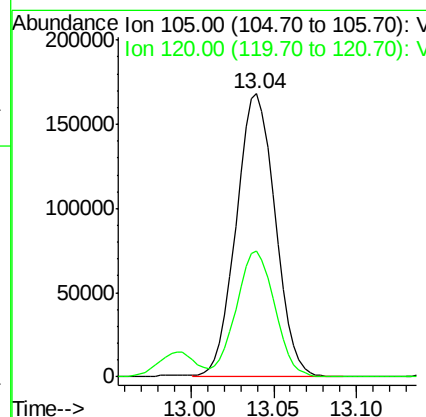
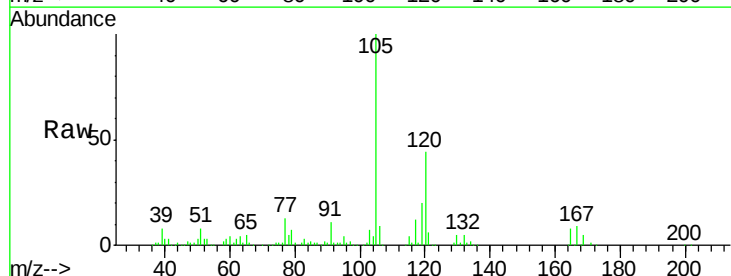
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0501WBS01

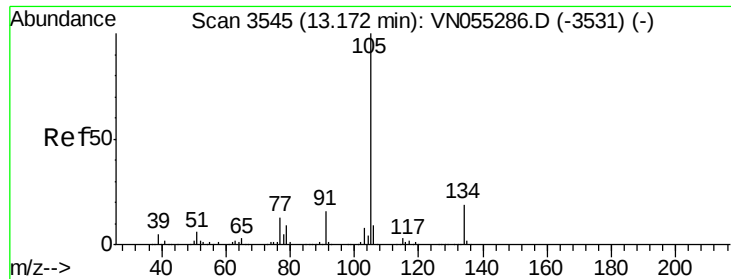
Tot Ion:119 Resp: 247150  
Ion Ratio Lower Upper  
119 100  
91 68.4 34.3 102.9  
134 24.4 13.1 39.3



#84  
1,2,4-Trimethylbenzene  
Concen: 19.238 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Tgt Ion:105 Resp: 275011  
Ion Ratio Lower Upper  
105 100  
120 44.2 22.1 66.5





#85

sec-Butylbenzene

Concen: 18.369 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampleId :

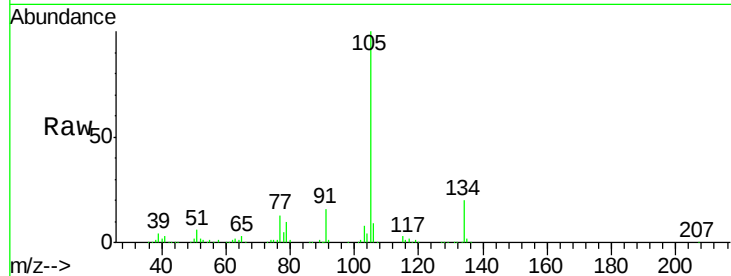
VN0501WBS01

Tot Ion:105 Resp: 319128

Ion Ratio Lower Upper

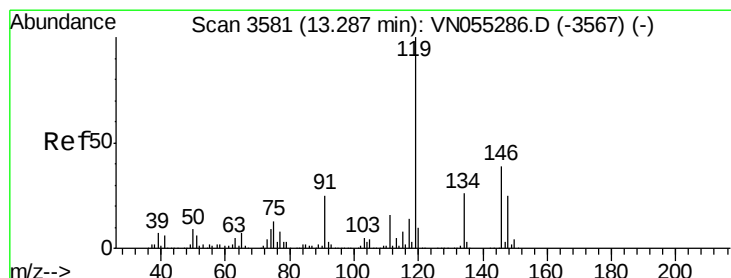
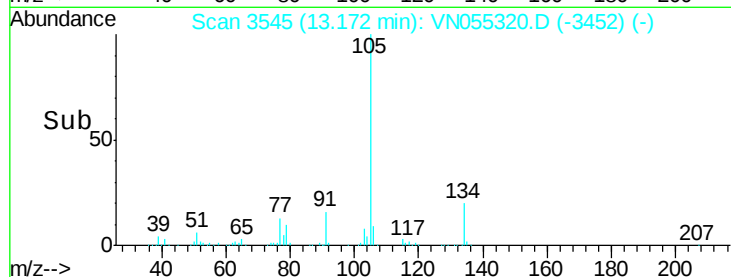
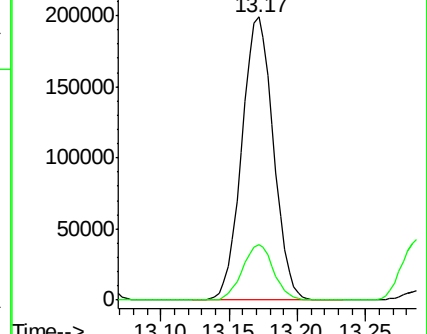
105 100

134 19.3 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.985 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

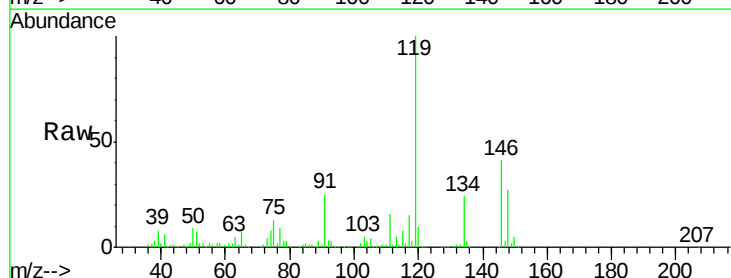
Tgt Ion:119 Resp: 271085

Ion Ratio Lower Upper

119 100

134 25.4 13.0 38.9

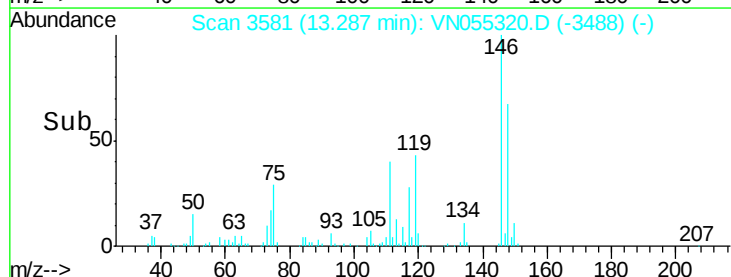
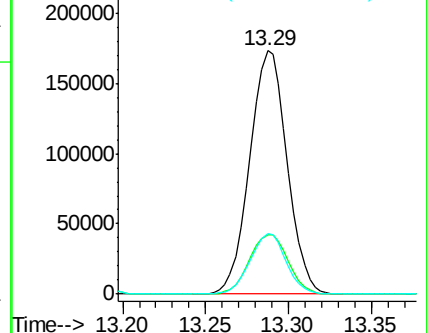
91 23.9 12.2 36.6

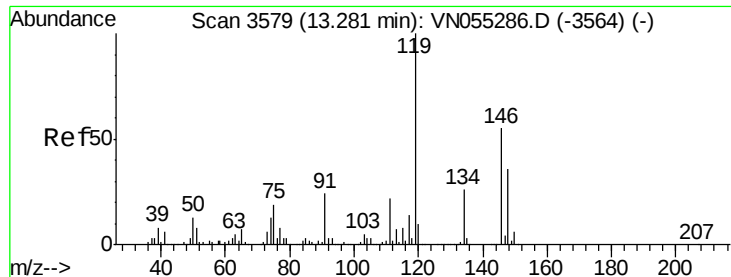


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

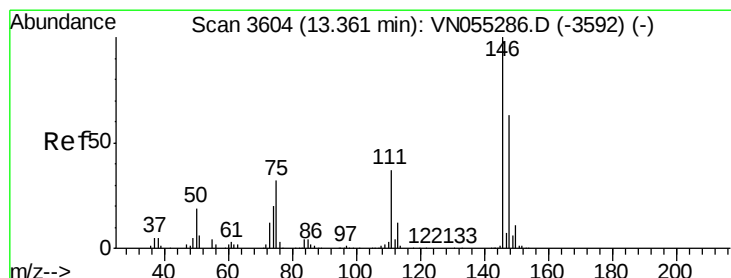
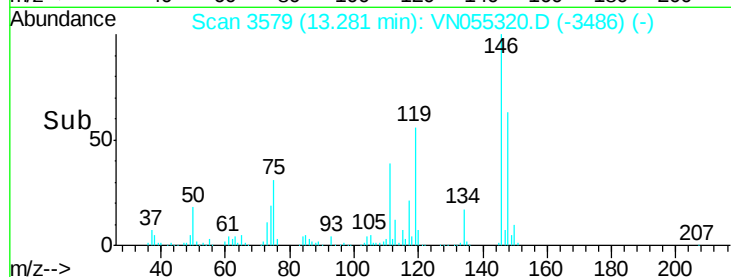
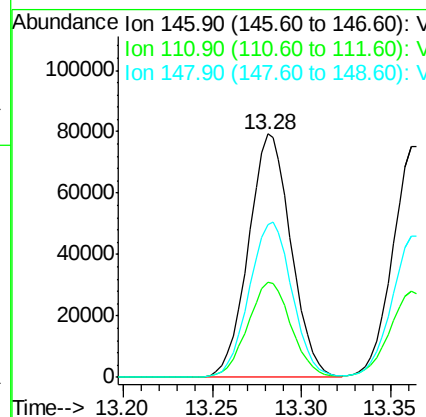
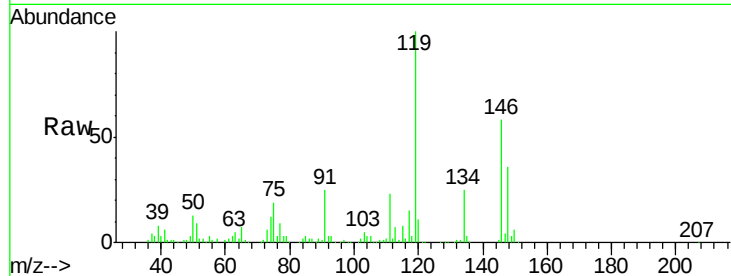




#87  
 1,3-Dichlorobenzene  
 Concen: 19.396 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

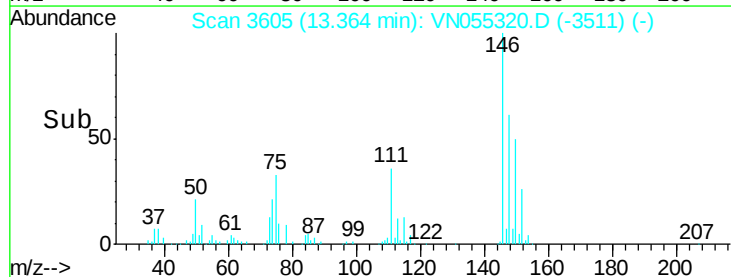
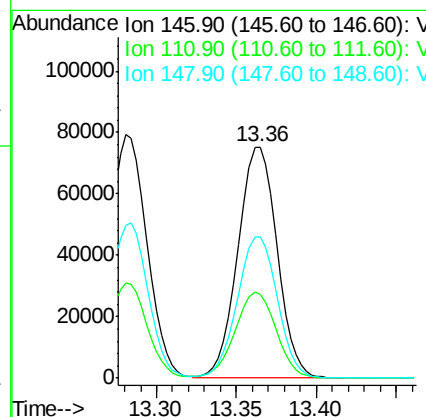
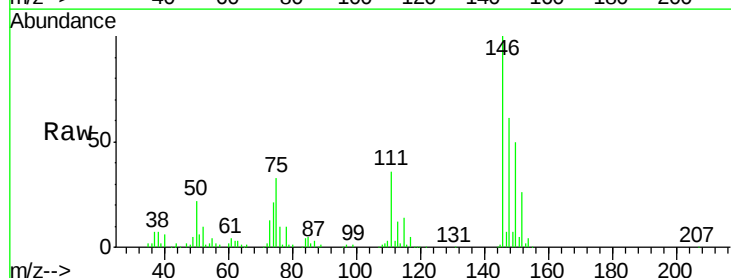
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0501WBS01

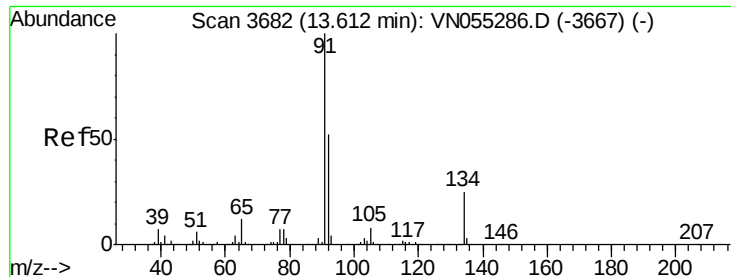
Tot Ion:146 Resp: 132330  
 Ion Ratio Lower Upper  
 146 100  
 111 40.1 20.3 60.8  
 148 64.4 32.5 97.5



#88  
 1,4-Dichlorobenzene  
 Concen: 19.650 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

Tgt Ion:146 Resp: 126247  
 Ion Ratio Lower Upper  
 146 100  
 111 38.8 19.5 58.5  
 148 62.6 32.5 97.4

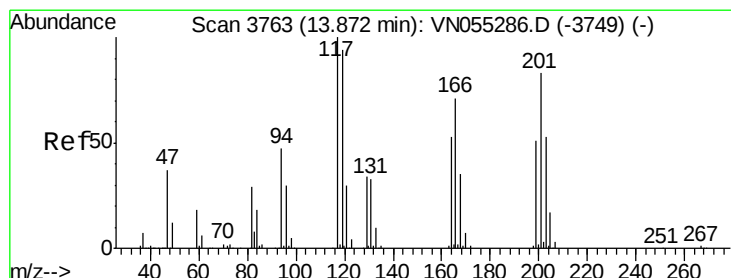
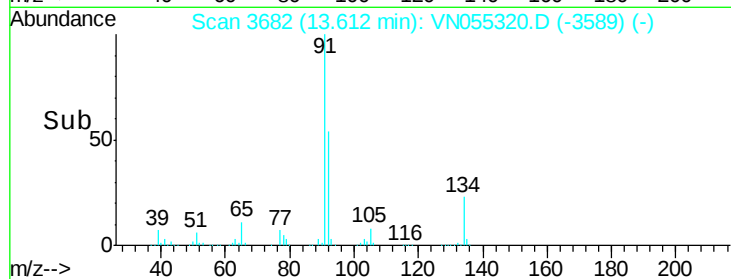
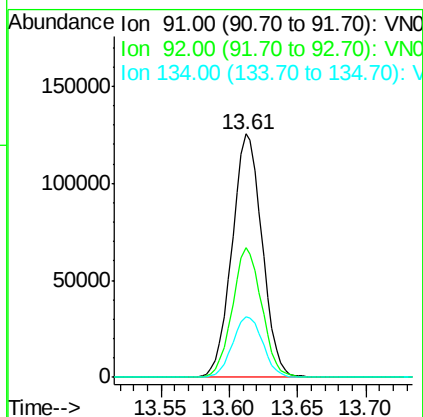
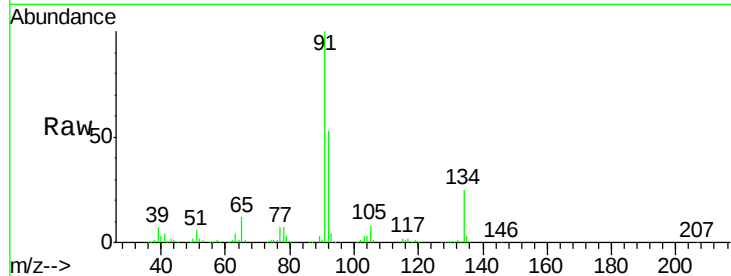




#89  
n-Butylbenzene  
Concen: 18.943 ug/l  
RT: 13.61 min Scan# 3682  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

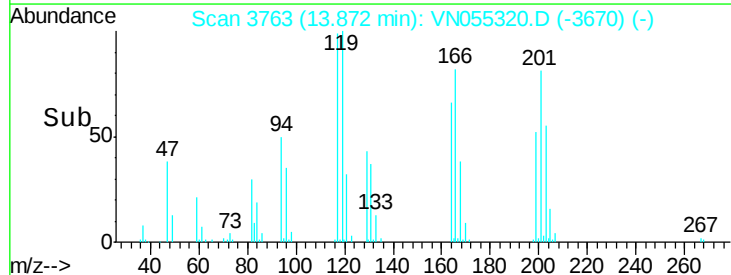
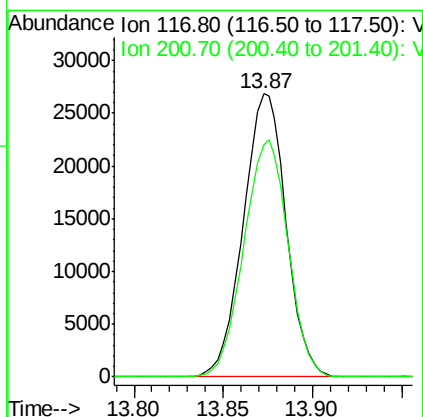
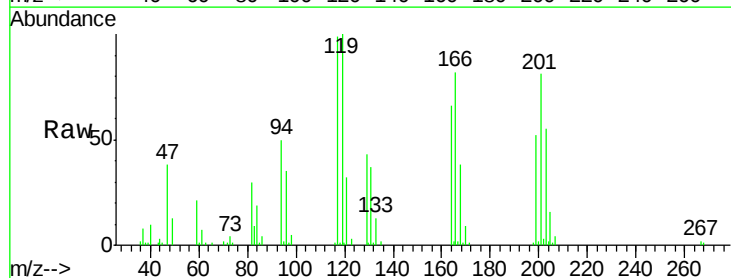
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBS01

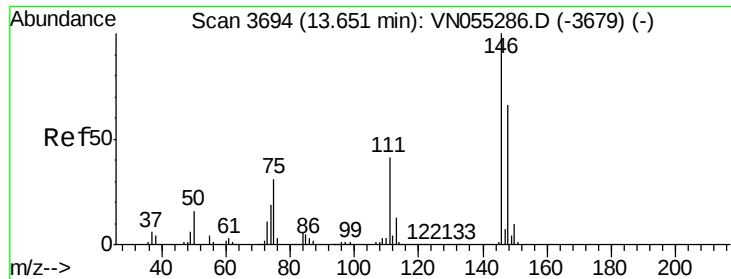
Tot Ion: 91 Resp: 192204  
Ion Ratio Lower Upper  
91 100  
92 52.1 26.1 78.3  
134 25.0 12.4 37.4



#90  
Hexachloroethane  
Concen: 18.959 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. 0.00 min  
Lab File: VN055320.D  
Acq: 1 May 2019 11:20

Tgt Ion: 117 Resp: 45076  
Ion Ratio Lower Upper  
117 100  
201 86.2 41.9 125.8





#91

1,2-Dichlorobenzene

Concen: 19.216 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampled :

VN0501WBS01

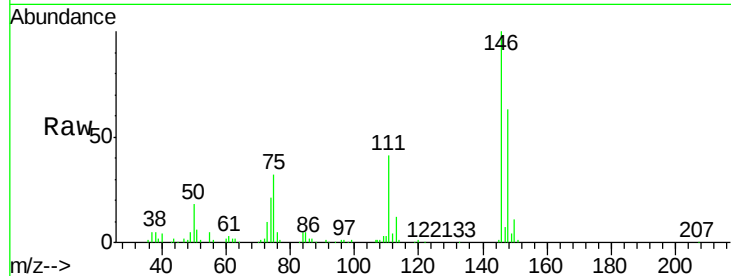
Tot Ion:146 Resp: 129937

Ion Ratio Lower Upper

146 100

111 40.8 20.3 61.0

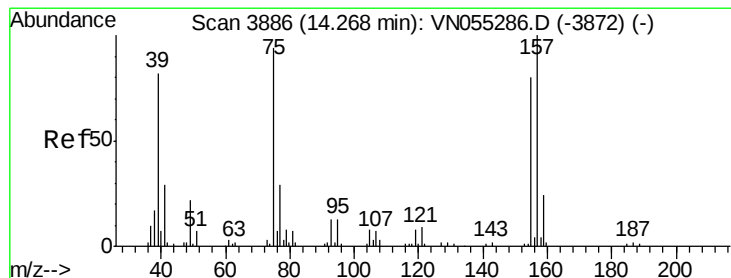
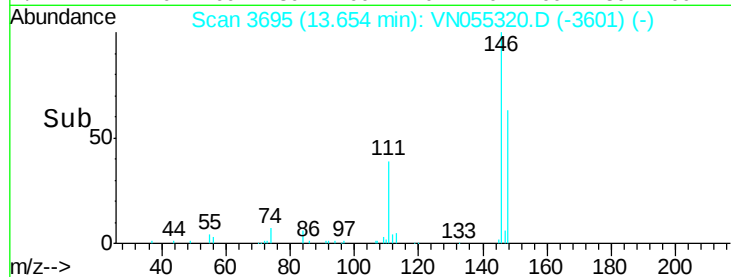
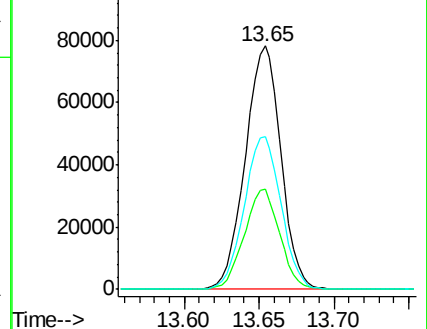
148 64.5 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.300 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

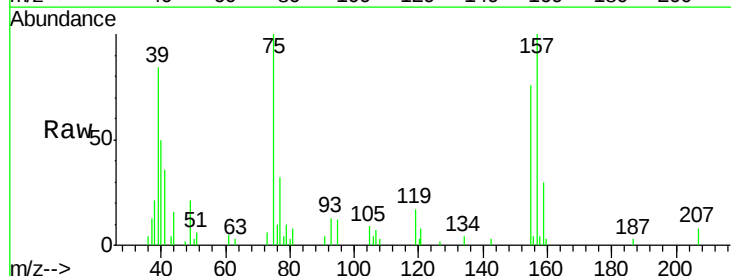
Tgt Ion: 75 Resp: 11961

Ion Ratio Lower Upper

75 100

155 76.3 41.5 124.6

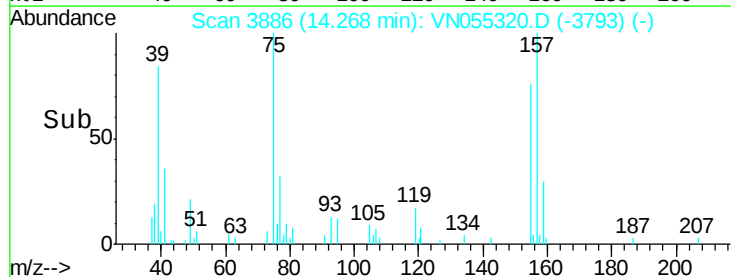
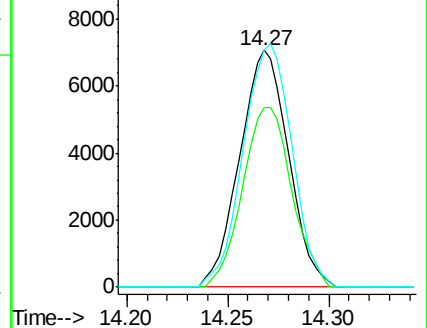
157 102.9 54.0 162.2

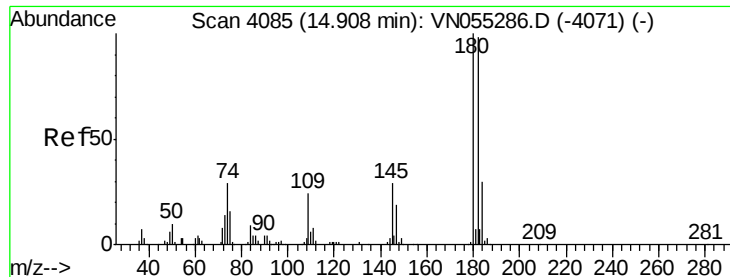


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

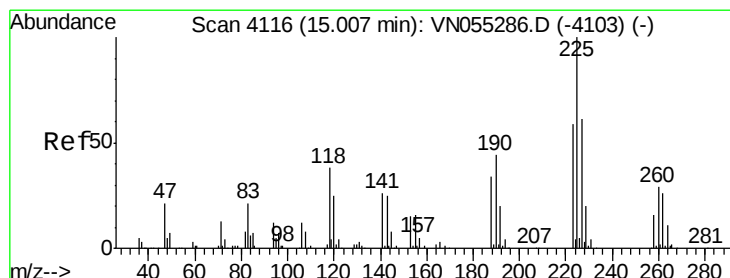
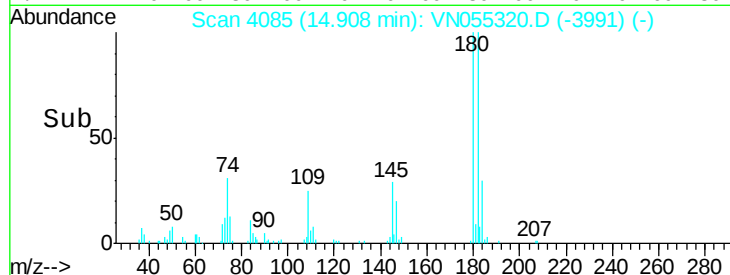
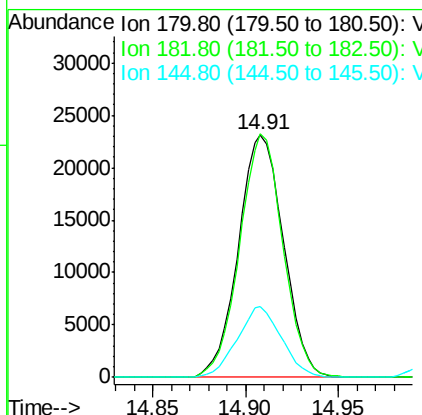
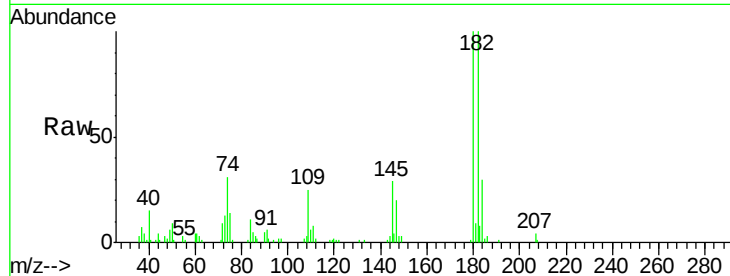




#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.957 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

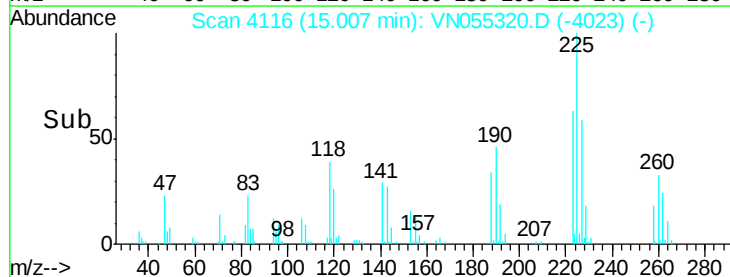
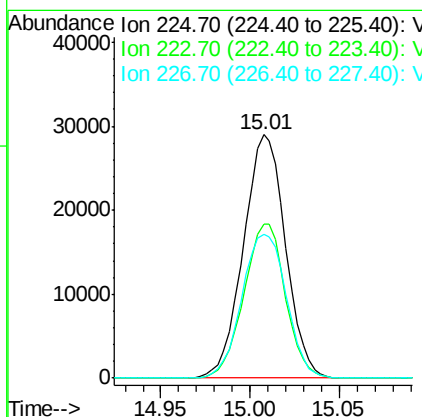
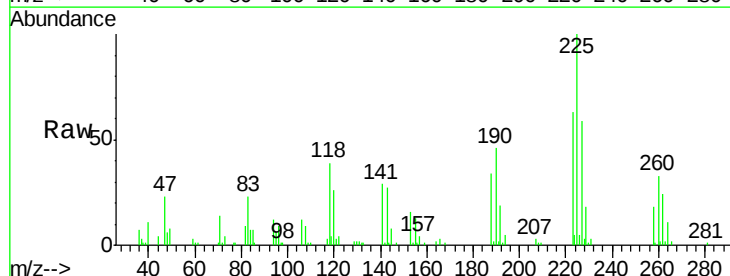
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBS01

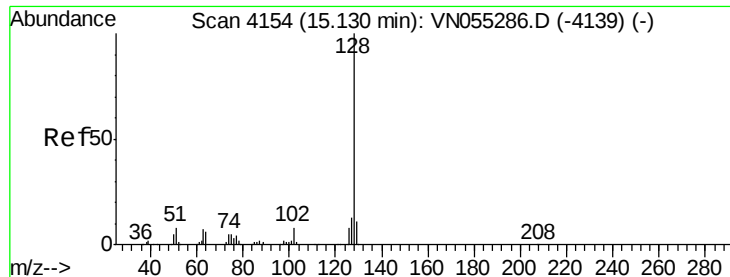
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 48.3  | 144.9 |
| 145     | 28.7  | 14.2  | 42.6  |



#94  
 Hexachlorobutadiene  
 Concen: 21.858 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN055320.D  
 Acq: 1 May 2019 11:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.4  | 30.3  | 90.8  |
| 227     | 62.4  | 30.9  | 92.7  |





#95

Naphthalene

Concen: 16.626 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBS01

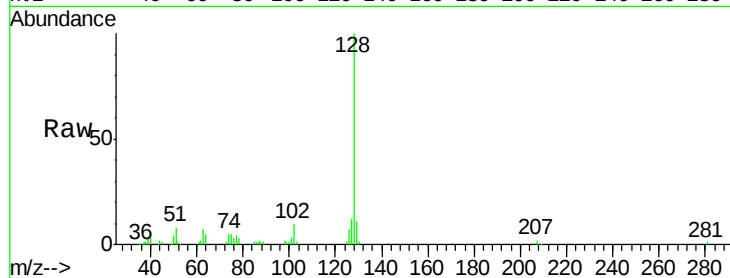
Tot Ion:128 Resp: 80730

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

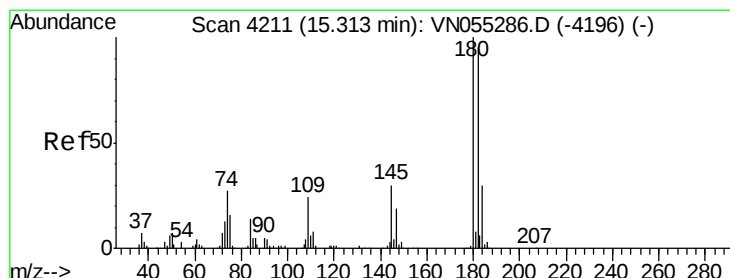
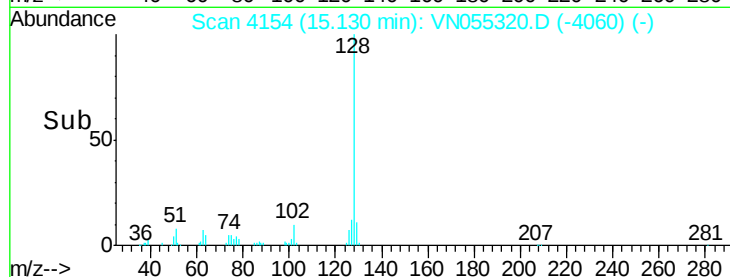
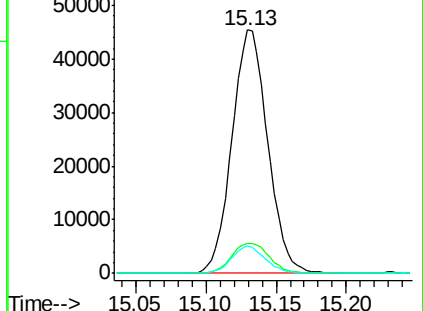
129 10.4 8.6 13.0



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: 17.722 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055320.D

Acq: 1 May 2019 11:20

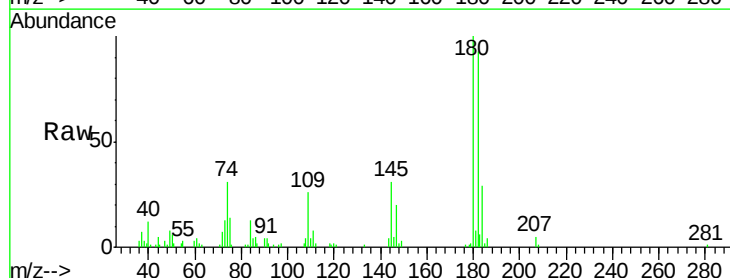
Tgt Ion:180 Resp: 41853

Ion Ratio Lower Upper

180 100

182 94.9 48.3 144.9

145 30.3 15.2 45.6



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

