

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050119\  
 Data File : VN055324.D  
 Acq On : 1 May 2019 13:02  
 Operator : JC/SP  
 Sample : VN0501WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBSD01

Quant Time: May 02 01:50:14 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  | 362708   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 600934   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 510877   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 191267   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 249924   | 52.67 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.34% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 200446   | 50.82 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.64% |      |
| 50) Toluene-d8            | 10.09  | 98  | 724194   | 50.85 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.70% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 228897   | 51.42 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.84% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 91484   | 20.586  | ug/l | 99     |
| 3) Chloromethane              | 2.06 | 50  | 109999  | 19.990  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.19 | 62  | 87657   | 19.762  | ug/l | 98     |
| 5) Bromomethane               | 2.56 | 94  | 47413   | 20.180  | ug/l | 99     |
| 6) Chloroethane               | 2.70 | 64  | 47725   | 19.861  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.02 | 101 | 125718  | 19.932  | ug/l | 99     |
| 8) Diethyl Ether              | 3.41 | 74  | 46052   | 20.869  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 74216   | 19.760  | ug/l | 99     |
| 10) Methyl Iodide             | 3.95 | 142 | 105159  | 19.895  | ug/l | 100    |
| 11) Tert butyl alcohol        | 4.79 | 59  | 30413   | 111.950 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.74 | 96  | 72289   | 20.176  | ug/l | 96     |
| 13) Acrolein                  | 3.61 | 56  | 21068   | 99.302  | ug/l | 95     |
| 14) Allyl chloride            | 4.33 | 41  | 148110  | 19.959  | ug/l | 100    |
| 15) Acrylonitrile             | 4.99 | 53  | 168621  | 110.426 | ug/l | 99     |
| 16) Acetone                   | 3.82 | 43  | 135461  | 91.621  | ug/l | 97     |
| 17) Carbon Disulfide          | 4.06 | 76  | 175934  | 18.815  | ug/l | 98     |
| 18) Methyl Acetate            | 4.33 | 43  | 86604   | 23.497  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 214946  | 21.340  | ug/l | 98     |
| 20) Methylene Chloride        | 4.55 | 84  | 88271   | 19.560  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96  | 76373   | 20.127  | ug/l | 90     |
| 22) Diisopropyl ether         | 5.95 | 45  | 310502  | 21.059  | ug/l | 97     |
| 23) Vinyl Acetate             | 5.90 | 43  | 1048325 | 108.486 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 161723  | 20.586  | ug/l | 99     |
| 25) 2-Butanone                | 6.84 | 43  | 199347  | 105.430 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 6.83 | 77  | 105955  | 19.532  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 90482   | 20.968  | ug/l | 99     |
| 28) Bromochloromethane        | 7.19 | 49  | 85688   | 21.639  | ug/l | 97     |
| 29) Tetrahydrofuran           | 7.21 | 42  | 137027  | 113.177 | ug/l | 99     |
| 30) Chloroform                | 7.37 | 83  | 154372  | 20.730  | ug/l | 99     |
| 31) Cyclohexane               | 7.65 | 56  | 142751  | 19.126  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 122105  | 20.203  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 107040  | 18.596  | ug/l | 98     |
| 37) Ethyl Acetate             | 6.93 | 43  | 90503   | 20.515  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 103149  | 18.577  | ug/l | 98     |

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 Acq On : 1 May 2019 13:02  
 Operator : JC/SP  
 Sample : VN0501WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN0501WBSD01

Quant Time: May 02 01:50:14 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   | 117863   | 19.259  | ug/l   | 99       |
| 40) Benzene                    | 8.04  | 78   | 336084   | 19.807  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.17  | 41   | 43966    | 18.882  | ug/l   | 92       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 121969   | 20.295  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.17  | 43   | 159487   | 22.496  | ug/l   | 99       |
| 44) Trichloroethene            | 8.83  | 130  | 82855    | 19.154  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 98399    | 20.106  | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 54876    | 20.514  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 115238   | 20.080  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.20  | 41   | 70833    | 20.324  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 15862    | 440.268 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 425762   | 106.666 | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 194551   | 19.983  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 101992   | 20.473  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 126702   | 20.398  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 76227    | 21.084  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 95222    | 21.399  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 130502   | 20.576  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 125741   | 98.936  | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.75 | 43   | 269283   | 107.824 | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.90 | 129  | 75728    | 20.494  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 69459    | 20.786  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.63 | 164  | 81872    | 19.597  | ug/l   | 94       |
| 65) Chlorobenzene              | 11.43 | 112  | 197422   | 19.765  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 78139    | 19.979  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.51 | 91   | 365463   | 20.262  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.62 | 106  | 263892   | 40.989  | ug/l   | 97       |
| 69) o-Xylene                   | 11.95 | 106  | 129882   | 20.354  | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 207774   | 21.206  | ug/l   | 100      |
| 71) Bromoform                  | 12.13 | 173  | 45659    | 21.039  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.25 | 105  | 346964   | 20.962  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.07 | 43   | 102866   | 20.956  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 93775    | 23.030  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 105660   | 28.645  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 82455    | 21.334  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 376030   | 19.139  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 233838   | 21.015  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 286486   | 19.106  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 20287    | 20.100  | ug/l   | 90       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 217219   | 19.015  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 243430   | 21.263  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 269001   | 20.059  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 313012   | 19.206  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 260662   | 19.459  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 126796   | 19.811  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 119931   | 19.898  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.61 | 91   | 180362   | 18.948  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 45622    | 20.583  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 126980   | 20.017  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 11956    | 23.760  | ug/l   | 90       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050119\  
Data File : VN055324.D  
Acq On : 1 May 2019 13:02  
Operator : JC/SP  
Sample : VN0501WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBSD01

Quant Time: May 02 01:50:14 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

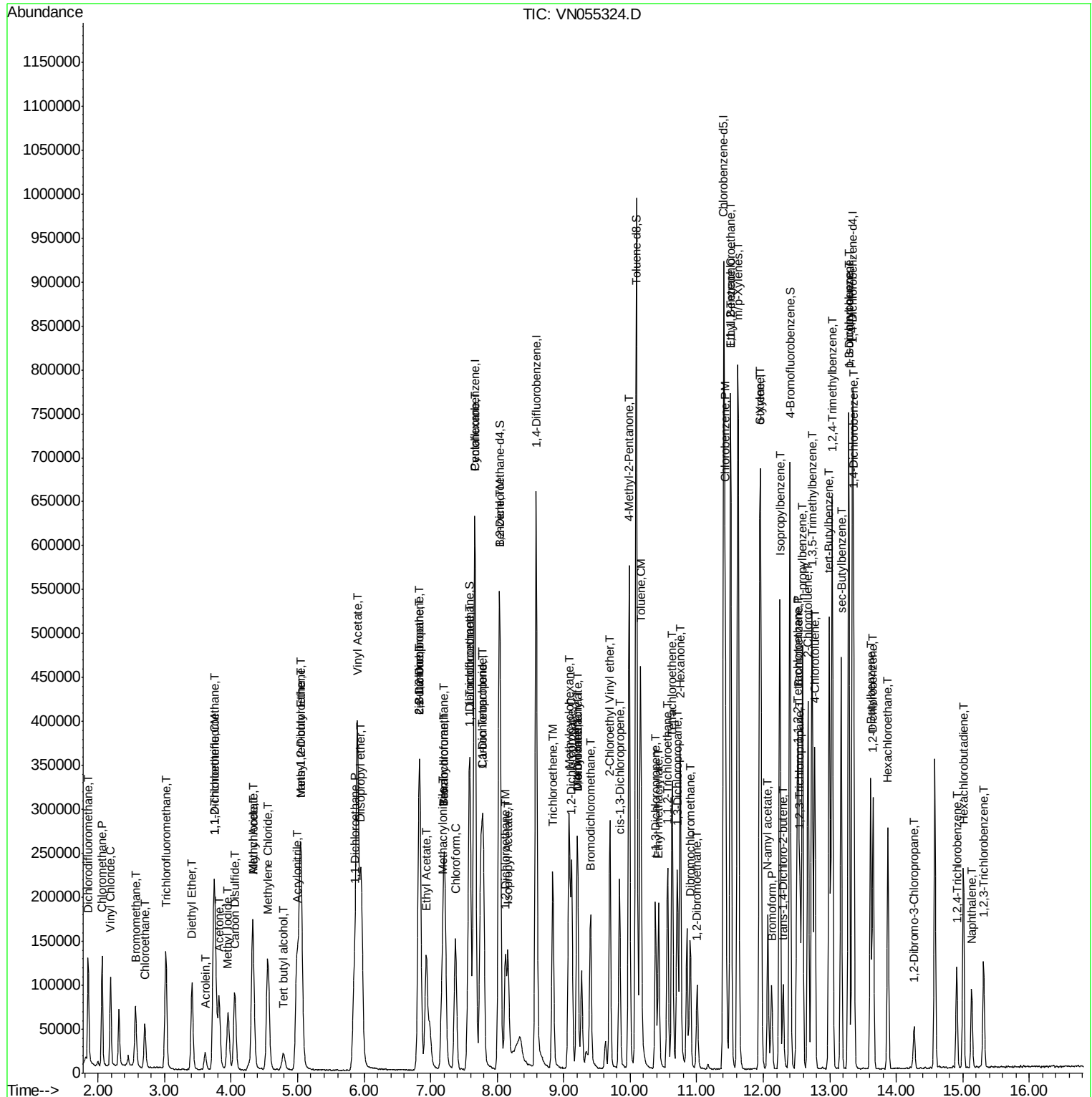
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 36524    | 16.948 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 44290    | 21.614 | ug/l  | 94       |
| 95) Naphthalene            | 15.13 | 128  | 77197    | 16.882 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 41906    | 18.739 | ug/l  | 97       |

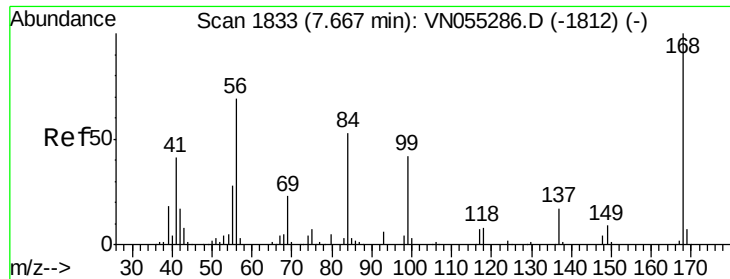
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050119\  
Data File : VN055324.D  
Acq On : 1 May 2019 13:02  
Operator : JC/SP  
Sample : VN0501WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBSD01

Quant Time: May 02 01:50:14 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N042919W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 30 07:16:52 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

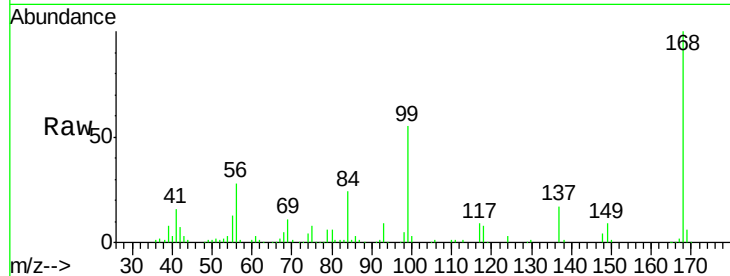
VN0501WBSD01

Tot Ion:168 Resp: 362708

Ion Ratio Lower Upper

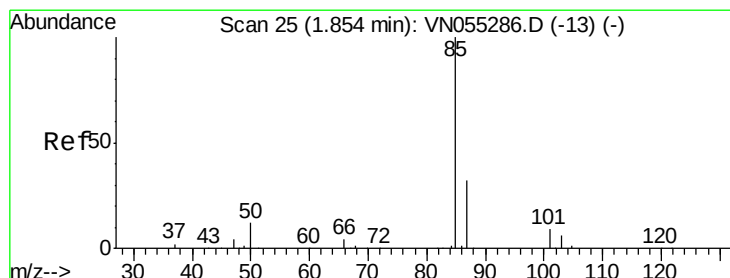
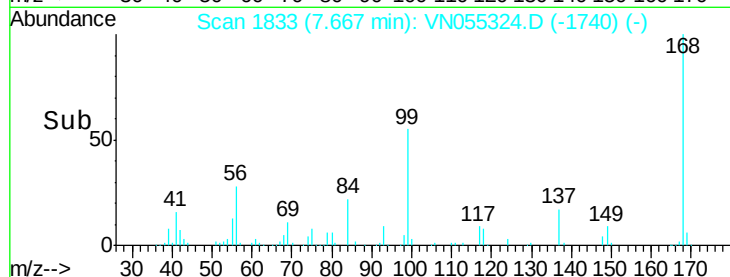
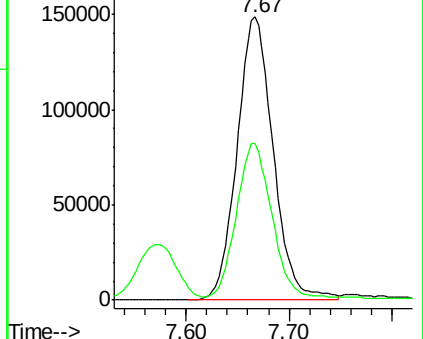
168 100

99 54.5 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 20.586 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055324.D

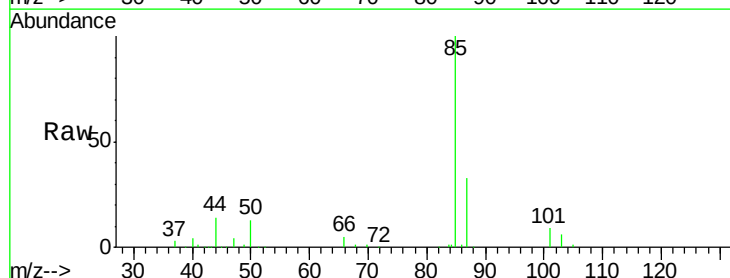
Acq: 1 May 2019 13:02

Tgt Ion: 85 Resp: 91484

Ion Ratio Lower Upper

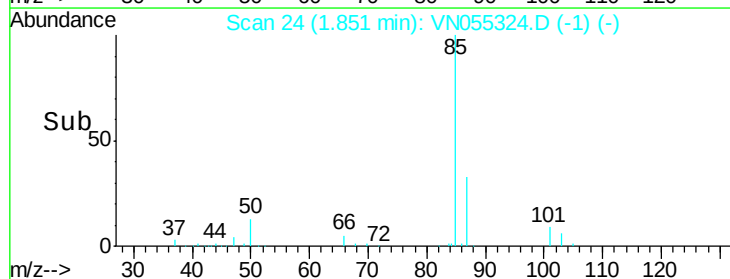
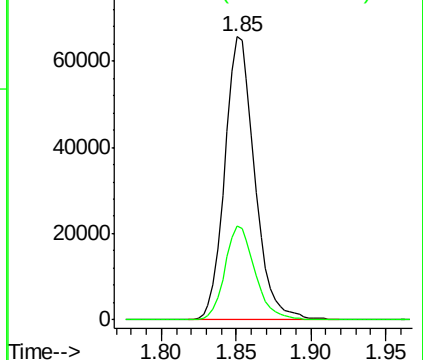
85 100

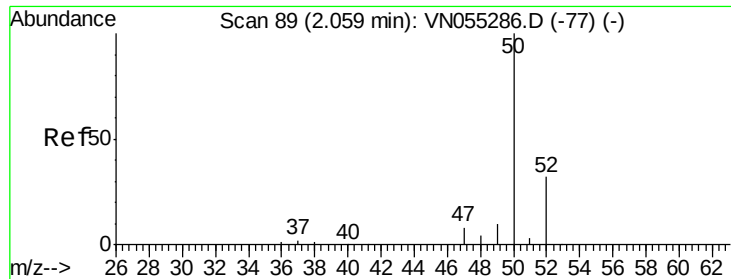
87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

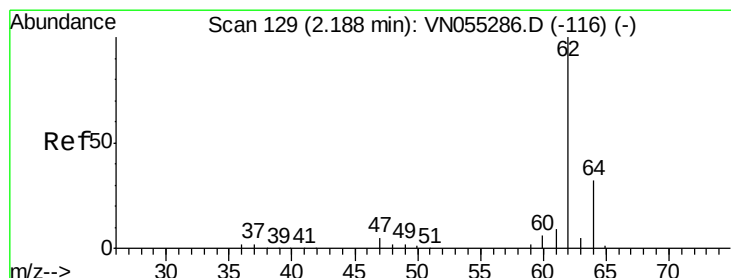
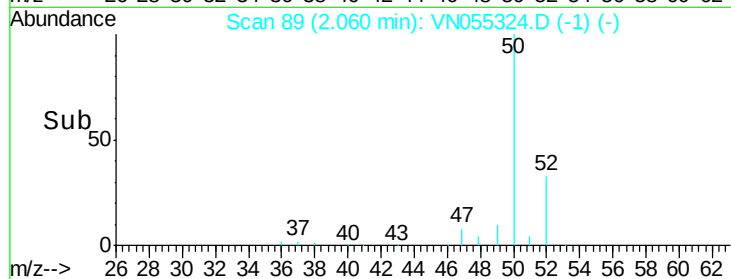
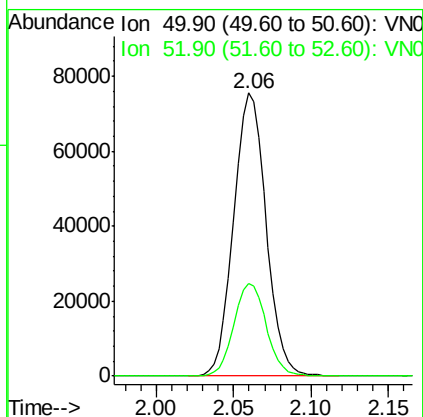
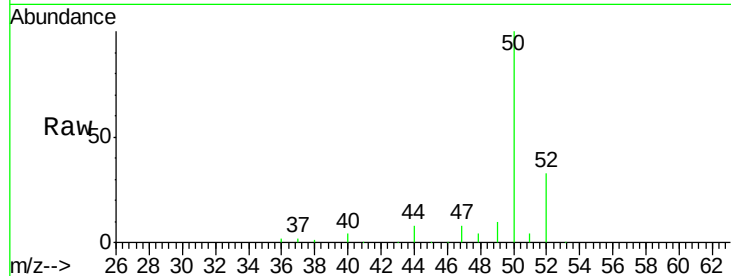




#3  
Chloromethane  
Concen: 19.990 ug/l  
RT: 2.06 min Scan# 89  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

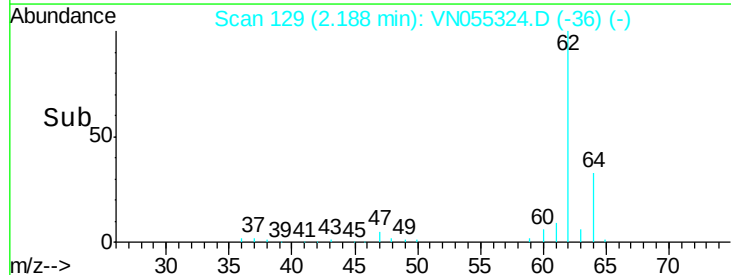
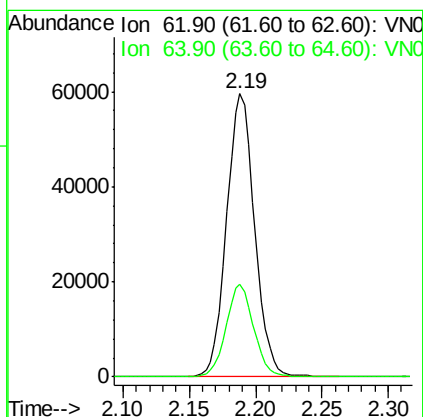
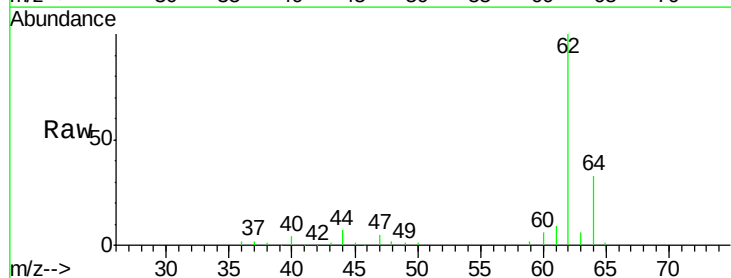
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0501WBSD01

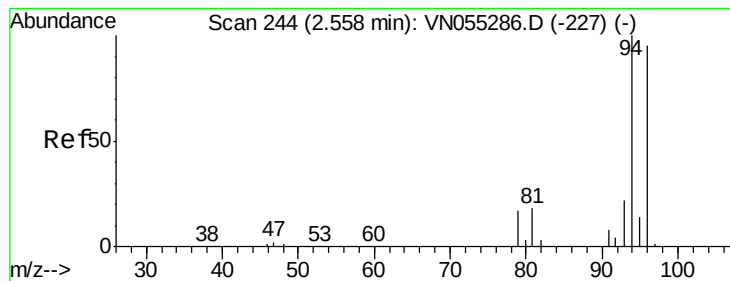
Tot Ion: 50 Resp: 109999  
Ion Ratio Lower Upper  
50 100  
52 32.9 25.7 38.5



#4  
Vinyl Chloride  
Concen: 19.762 ug/l  
RT: 2.19 min Scan# 129  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Tgt Ion: 62 Resp: 87657  
Ion Ratio Lower Upper  
62 100  
64 32.9 25.5 38.3





#5

Bromomethane

Concen: 20.180 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.01 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

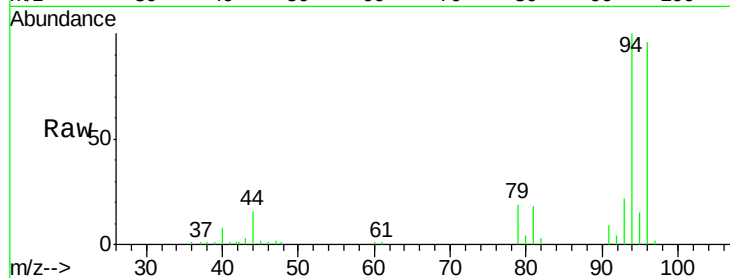
VN0501WBSD01

Tot Ion: 94 Resp: 47413

Ion Ratio Lower Upper

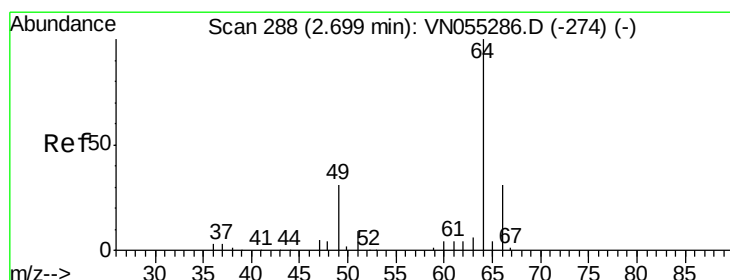
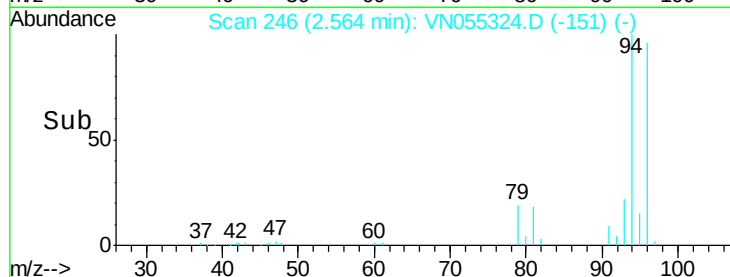
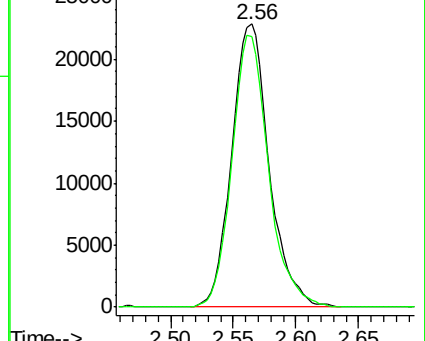
94 100

96 95.6 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.861 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN055324.D

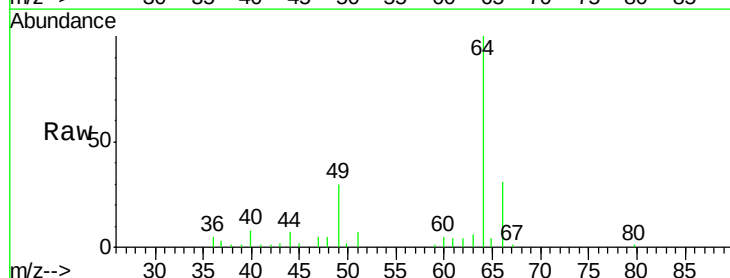
Acq: 1 May 2019 13:02

Tgt Ion: 64 Resp: 47725

Ion Ratio Lower Upper

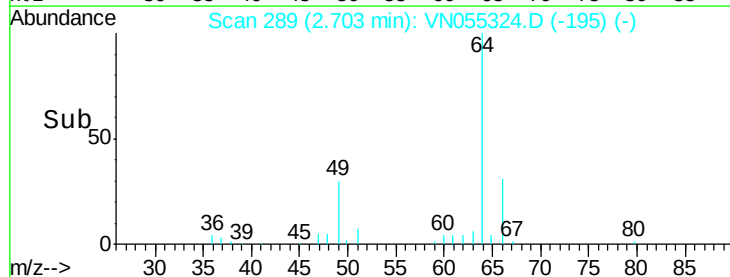
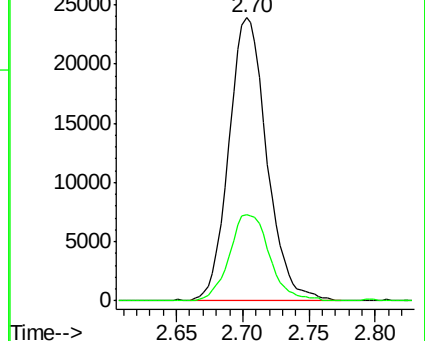
64 100

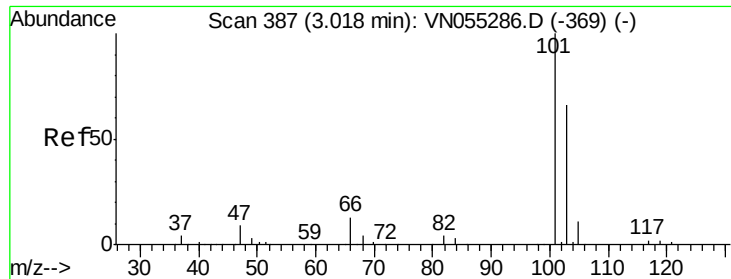
66 30.6 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



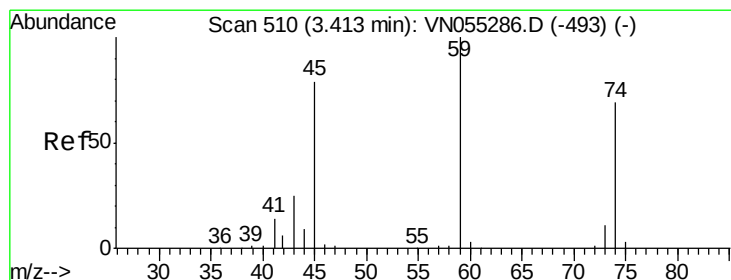
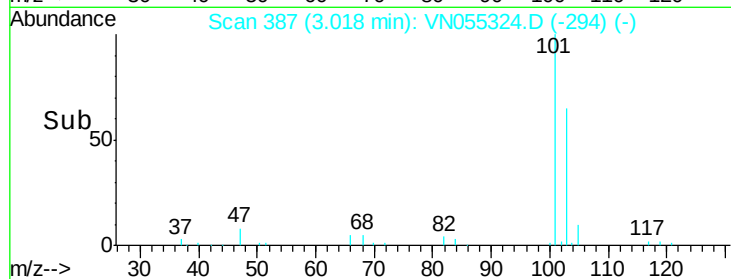
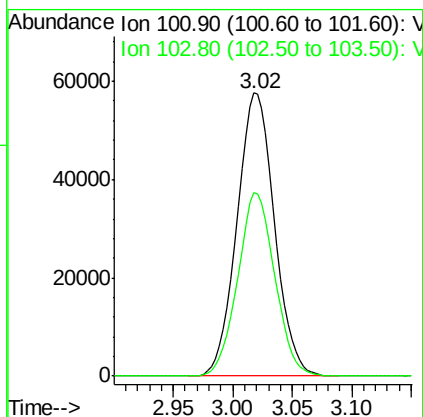
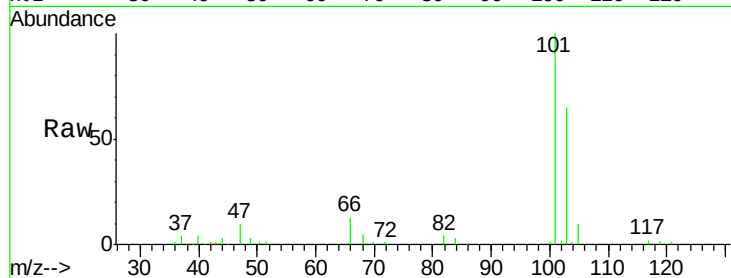


#7

Trichlorofluoromethane  
 Concen: 19.932 ug/l  
 RT: 3.02 min Scan# 387  
 Delta R.T. 0.00 min  
 Lab File: VN055324.D  
 Acq: 1 May 2019 13:02

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBSD01

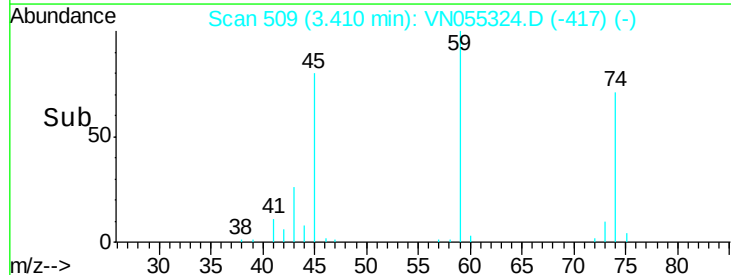
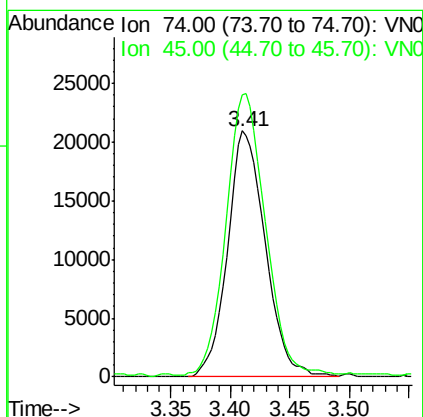
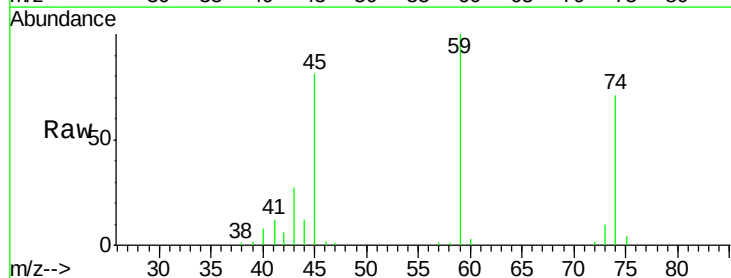
Tot Ion:101 Resp: 125718  
 Ion Ratio Lower Upper  
 101 100  
 103 65.0 52.6 79.0



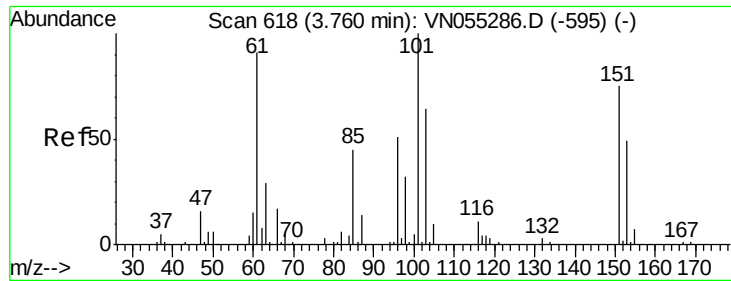
#8

Diethyl Ether  
 Concen: 20.869 ug/l  
 RT: 3.41 min Scan# 509  
 Delta R.T. -0.00 min  
 Lab File: VN055324.D  
 Acq: 1 May 2019 13:02

Tgt Ion: 74 Resp: 46052  
 Ion Ratio Lower Upper  
 74 100  
 45 118.8 58.9 176.6







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.760 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBSD01

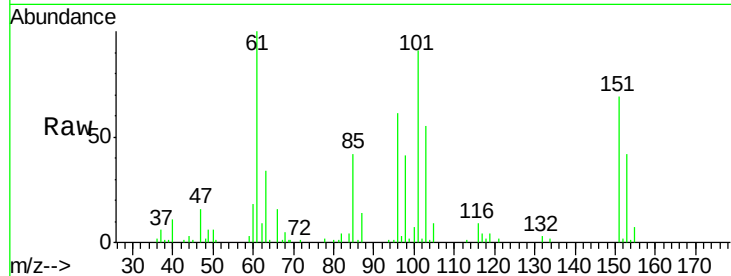
Tot Ion:101 Resp: 74216

Ion Ratio Lower Upper

101 100

85 44.4 35.7 53.5

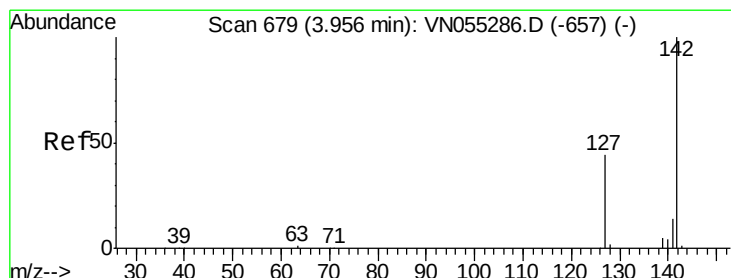
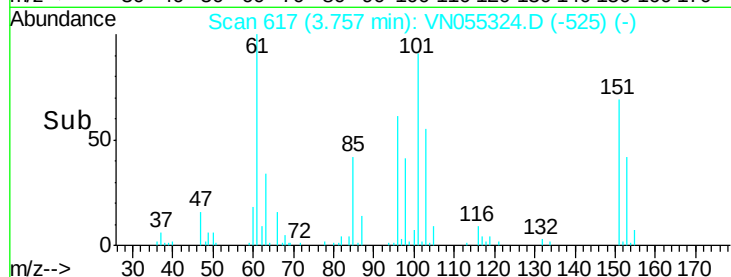
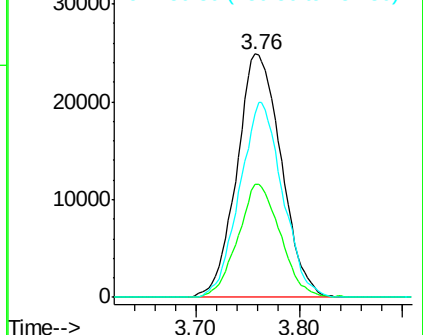
151 77.9 63.3 94.9



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: 19.895 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

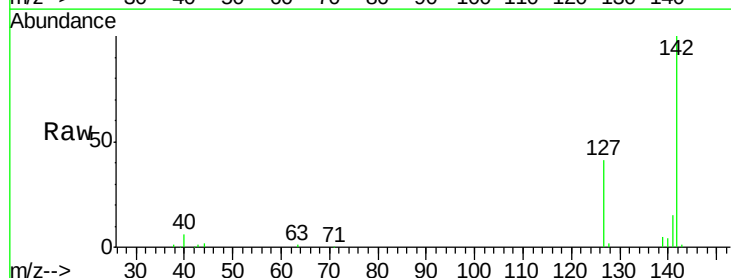
Tgt Ion:142 Resp: 105159

Ion Ratio Lower Upper

142 100

127 43.1 34.4 51.6

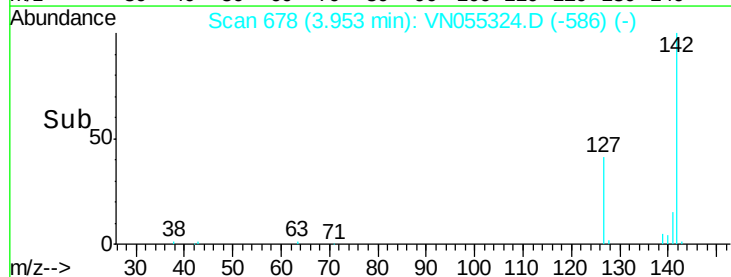
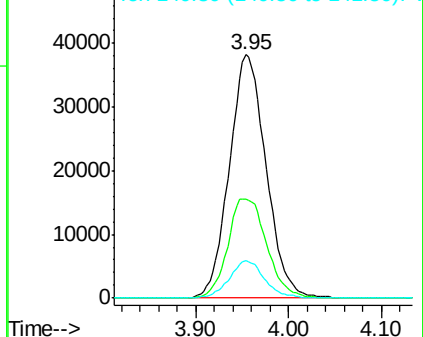
141 14.8 11.5 17.3

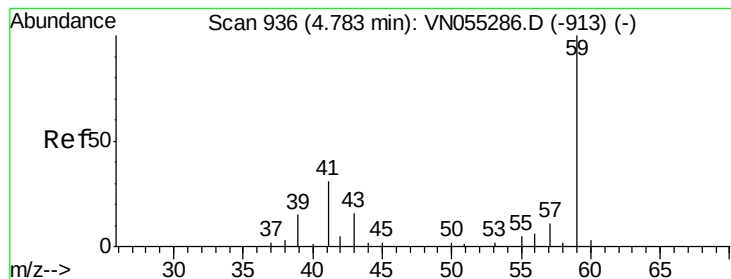


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



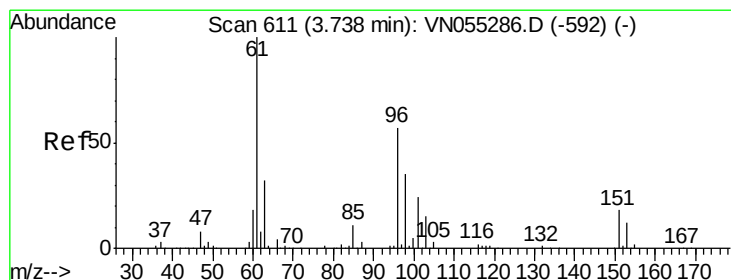
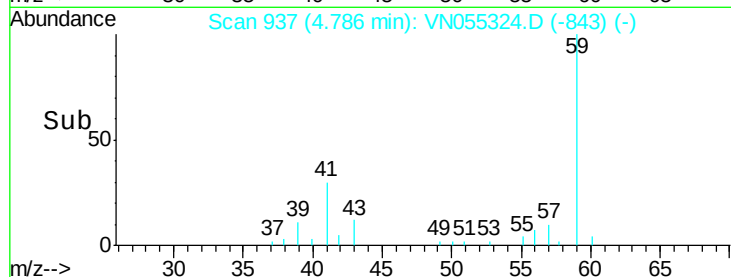
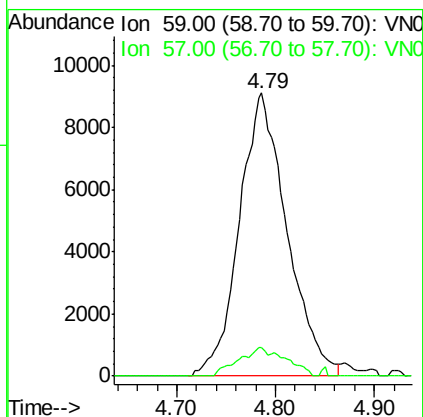
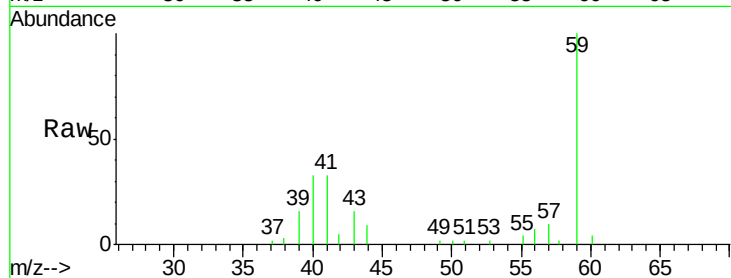


#11

Tert butyl alcohol  
Concen: 111.950 ug/l  
RT: 4.79 min Scan# 937  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBSD01

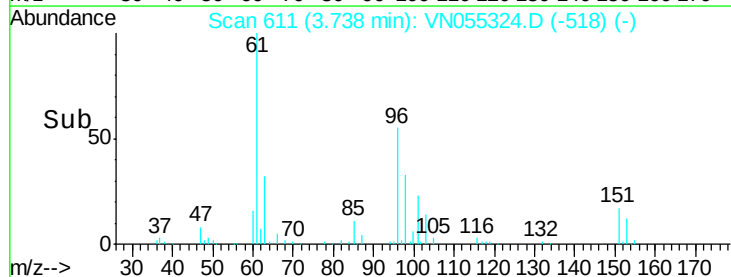
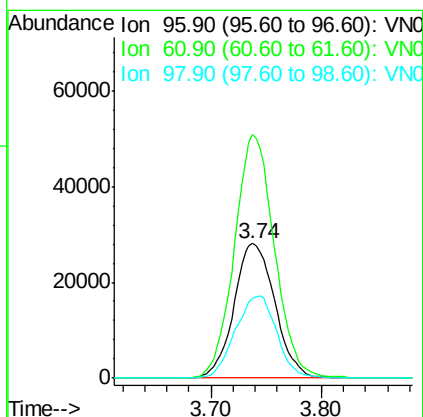
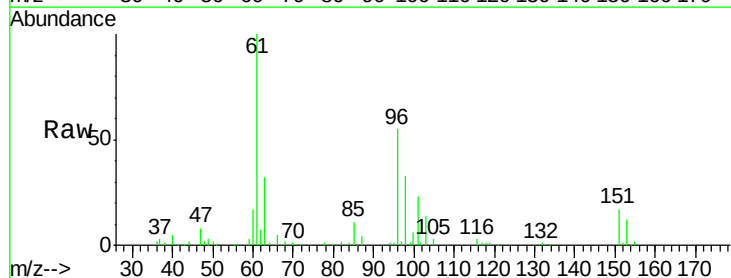
Tot Ion: 59 Resp: 30413  
Ion Ratio Lower Upper  
59 100  
57 9.9 8.2 12.2

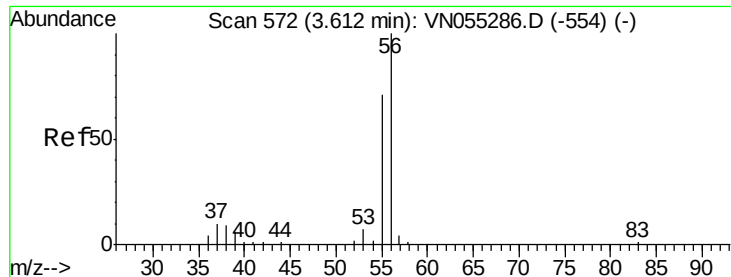


#12

1,1-Dichloroethene  
Concen: 20.176 ug/l  
RT: 3.74 min Scan# 611  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Tgt Ion: 96 Resp: 72289  
Ion Ratio Lower Upper  
96 100  
61 181.1 140.9 211.3  
98 58.9 50.0 75.0





#13

Acrolein

Concen: 99.302 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

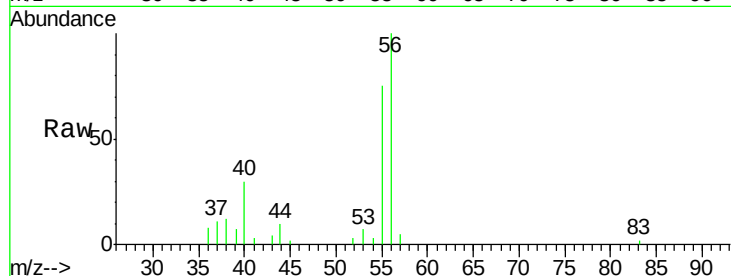
VN0501WBSD01

Tot Ion: 56 Resp: 21068

Ion Ratio Lower Upper

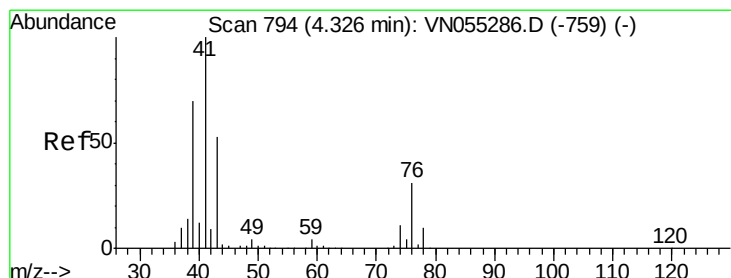
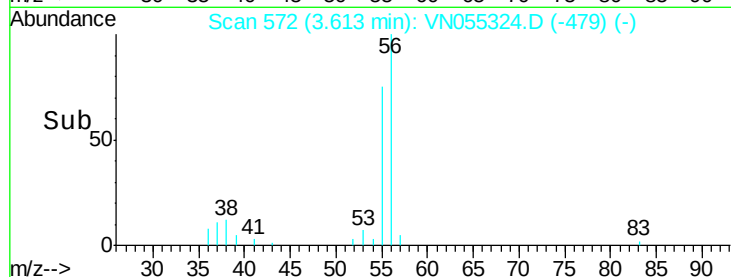
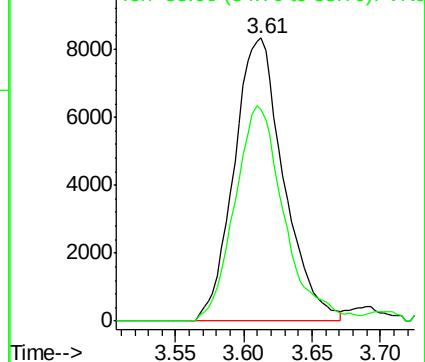
56 100

55 75.6 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.959 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

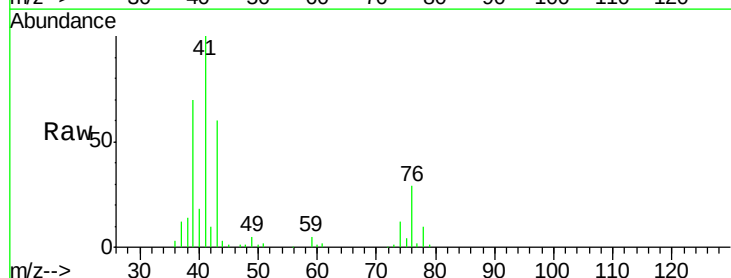
Tgt Ion: 41 Resp: 148110

Ion Ratio Lower Upper

41 100

39 66.3 53.0 79.6

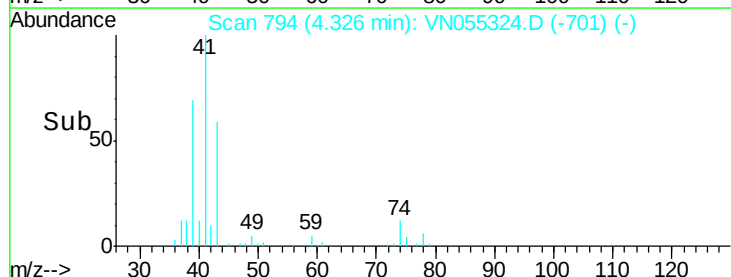
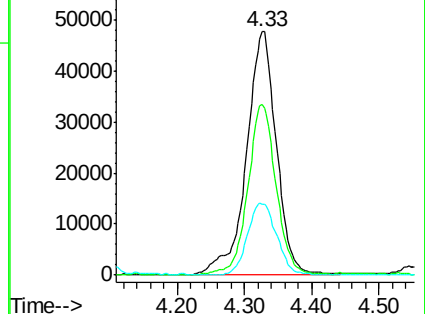
76 28.7 22.7 34.1

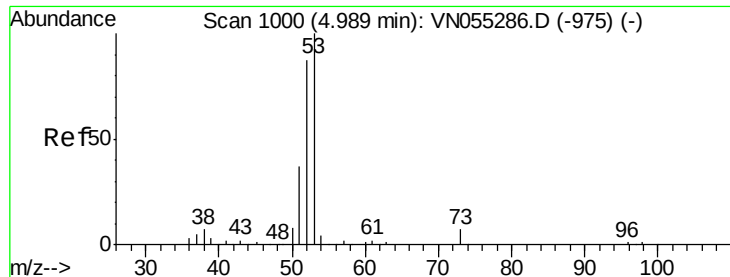


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 110.426 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBSD01

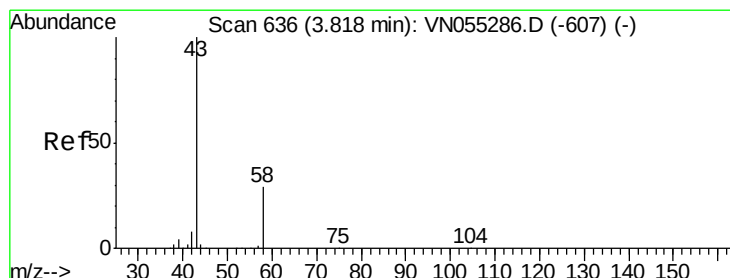
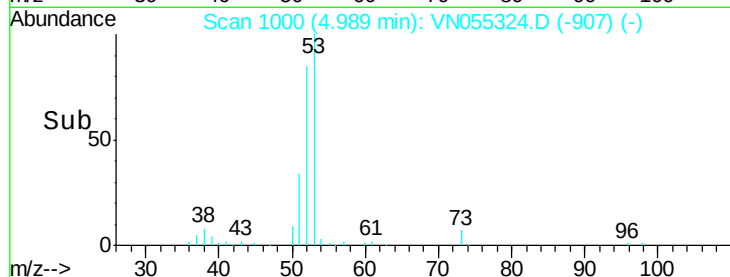
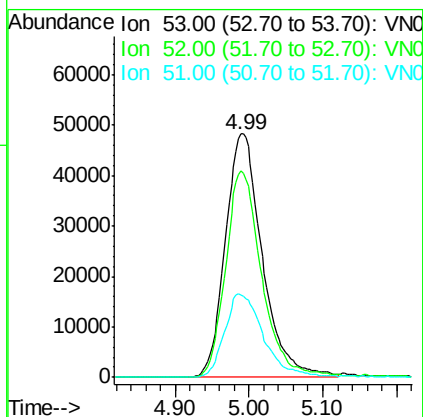
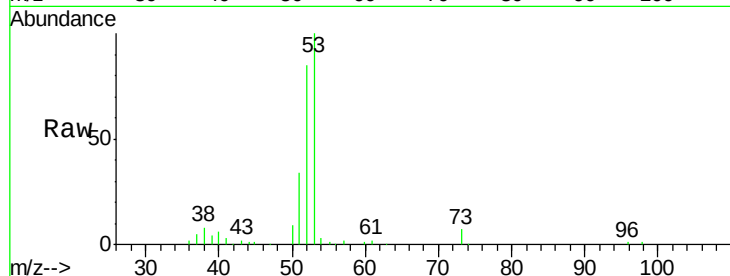
Tot Ion: 53 Resp: 168621

Ion Ratio Lower Upper

53 100

52 82.6 66.5 99.7

51 35.9 29.6 44.4



#16

Acetone

Concen: 91.621 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055324.D

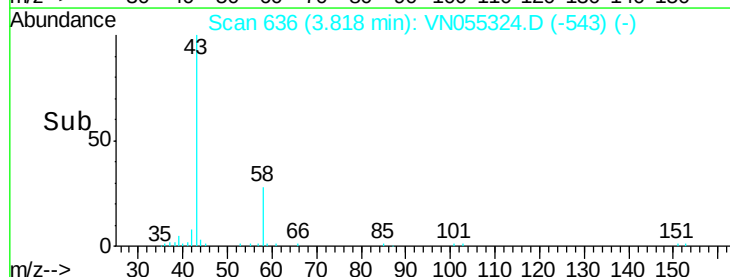
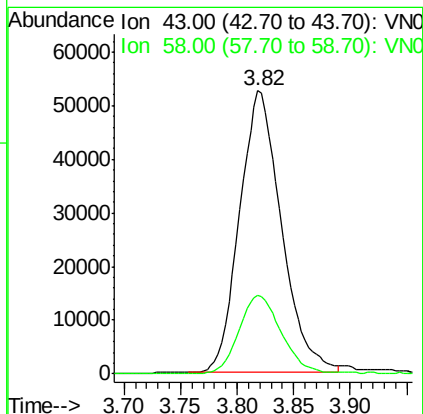
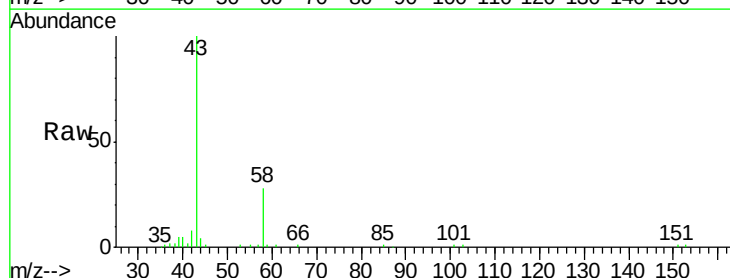
Acq: 1 May 2019 13:02

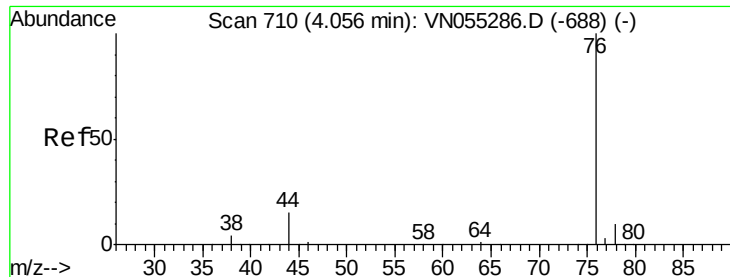
Tgt Ion: 43 Resp: 135461

Ion Ratio Lower Upper

43 100

58 27.9 23.6 35.4





#17

Carbon Disulfide

Concen: 18.815 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

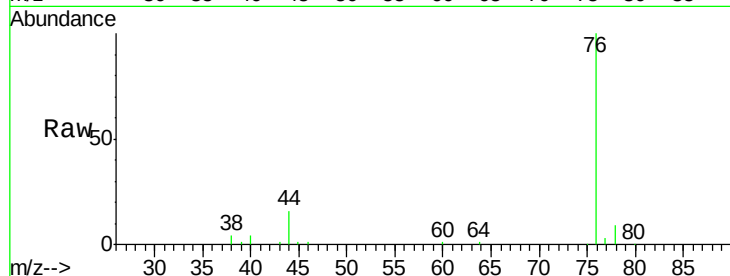
VN0501WBSD01

Tot Ion: 76 Resp: 175934

Ion Ratio Lower Upper

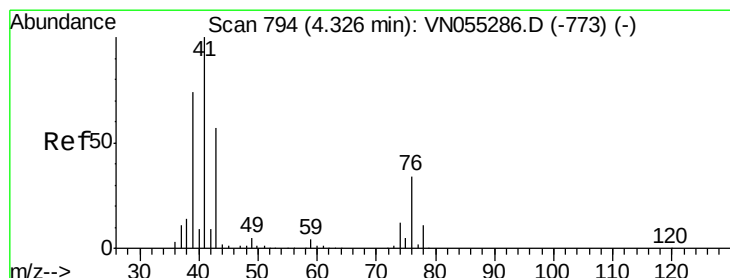
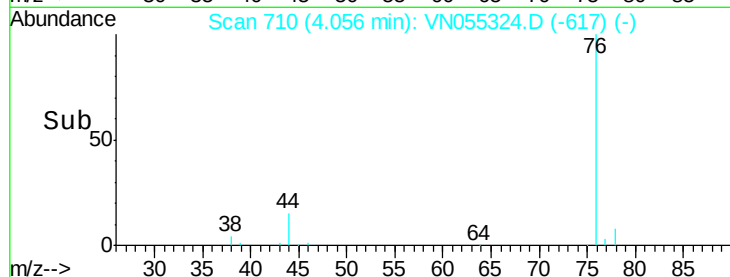
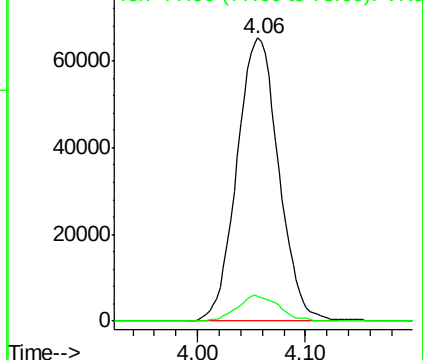
76 100

78 8.9 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 23.497 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055324.D

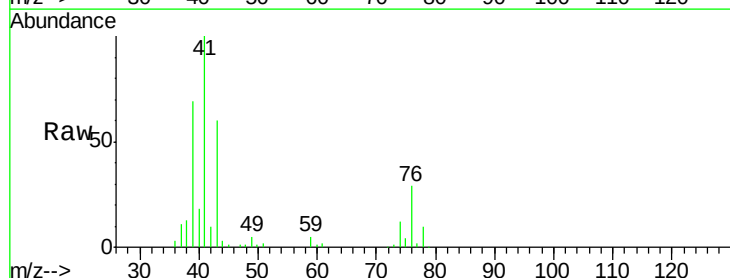
Acq: 1 May 2019 13:02

Tgt Ion: 43 Resp: 86604

Ion Ratio Lower Upper

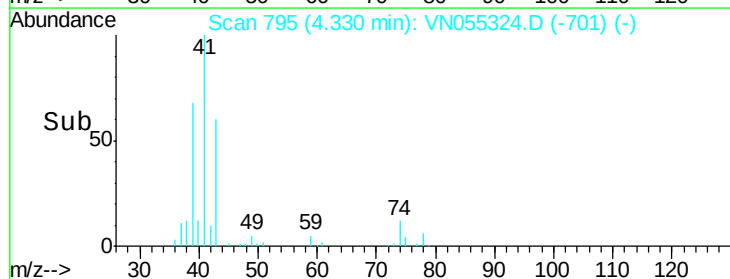
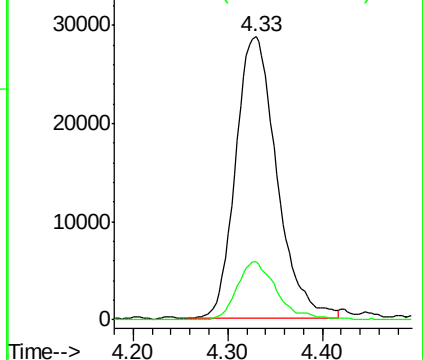
43 100

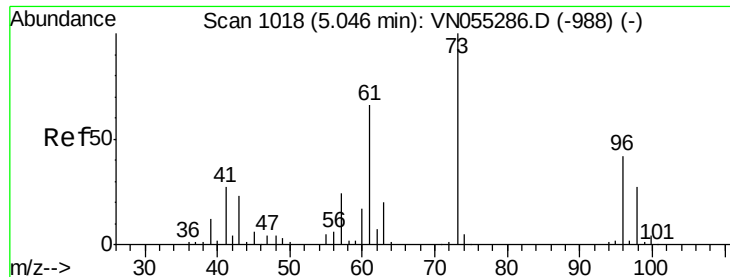
74 18.8 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

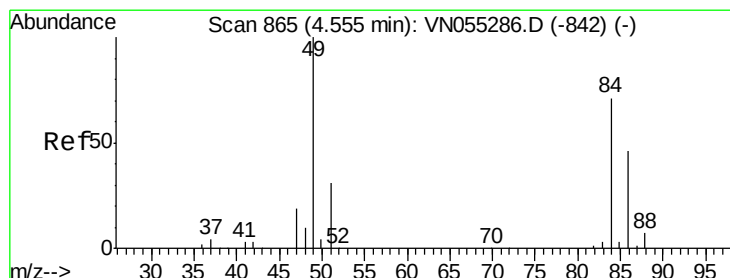
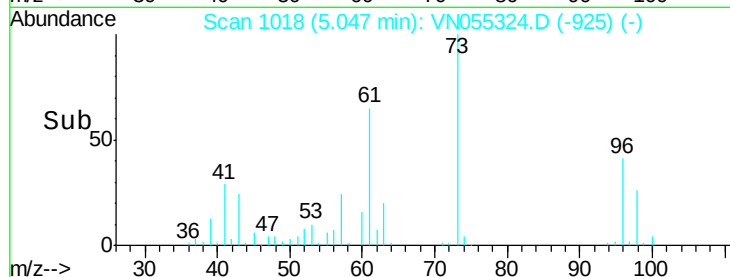
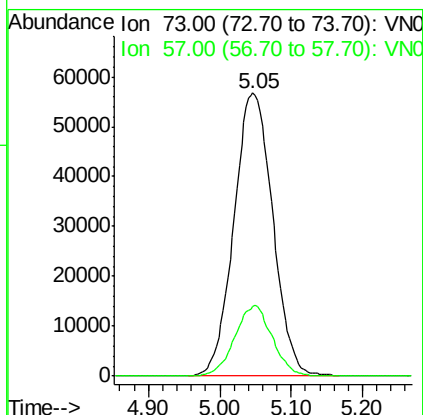
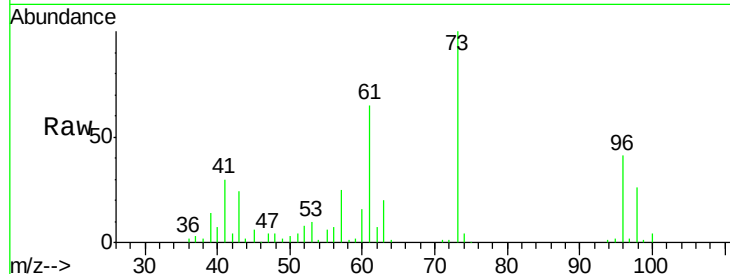




#19  
Methyl tert-butyl Ether  
Concen: 21.340 ug/l  
RT: 5.05 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

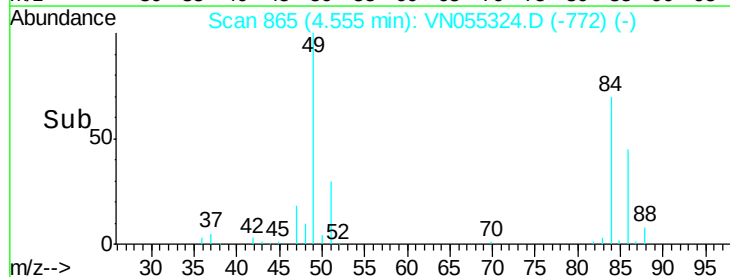
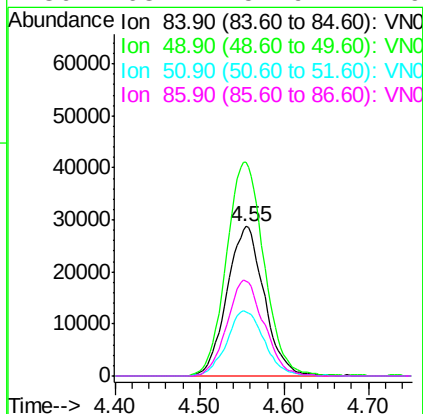
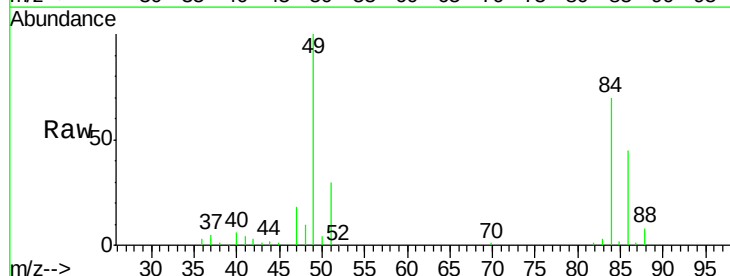
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBSD01

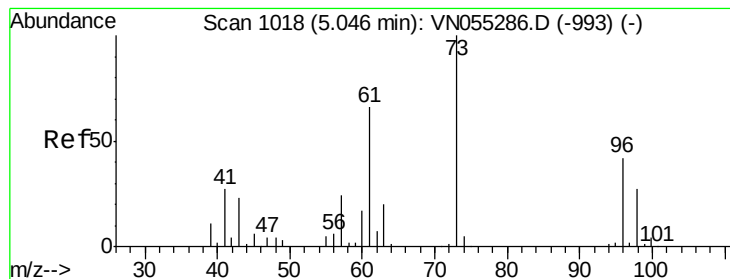
Tot Ion: 73 Resp: 214946  
Ion Ratio Lower Upper  
73 100  
57 24.7 19.1 28.7



#20  
Methylene Chloride  
Concen: 19.560 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Tgt Ion: 84 Resp: 88271  
Ion Ratio Lower Upper  
84 100  
49 142.9 112.4 168.6  
51 42.7 34.6 51.8  
86 63.7 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 20.127 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBSD01

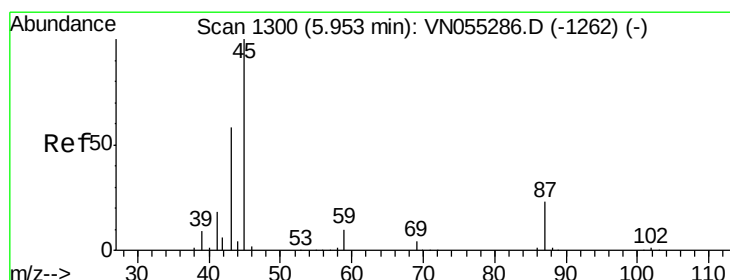
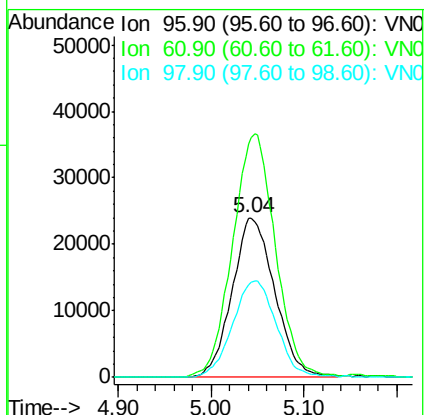
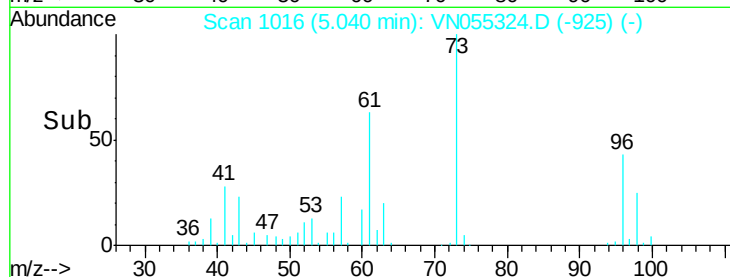
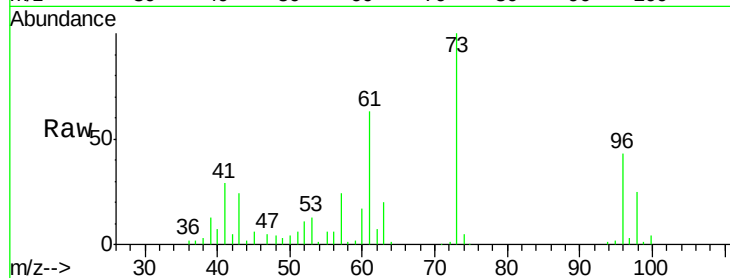
Tot Ion: 96 Resp: 76373

Ion Ratio Lower Upper

96 100

61 145.2 126.2 189.4

98 57.7 52.2 78.2



#22

Diisopropyl ether

Concen: 21.059 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Tgt Ion: 45 Resp: 310502

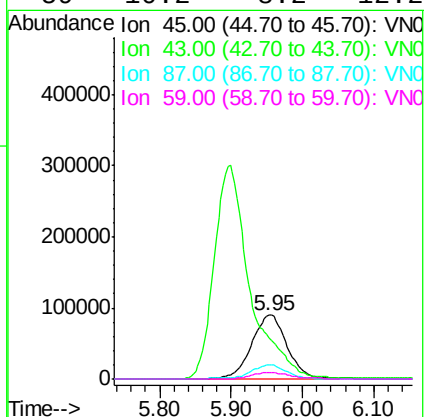
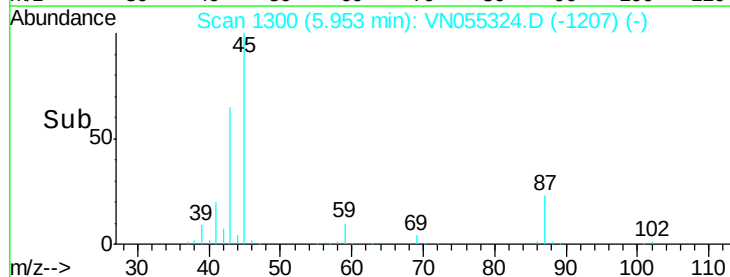
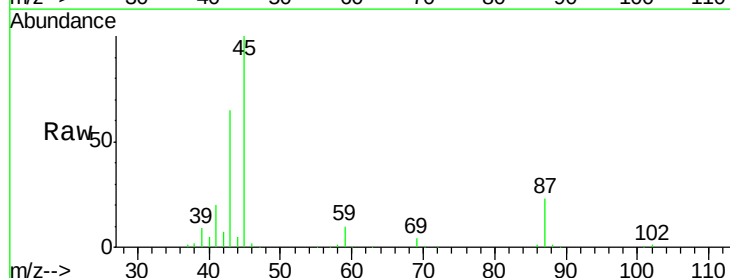
Ion Ratio Lower Upper

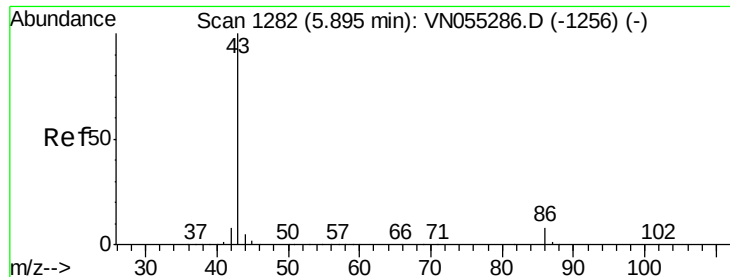
45 100

43 62.3 46.6 70.0

87 22.6 18.1 27.1

59 10.2 8.2 12.2





#23

Vinyl Acetate

Concen: 108.486 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

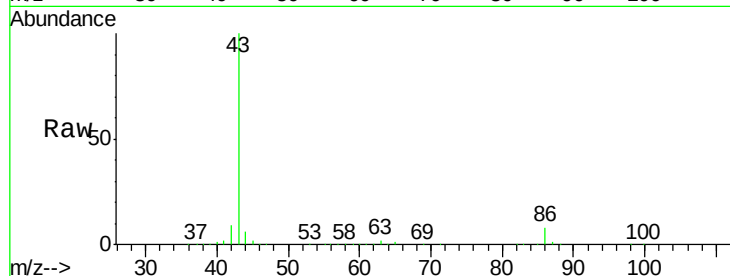
VN0501WBSD01

Tot Ion: 43 Resp: 1048325

Ion Ratio Lower Upper

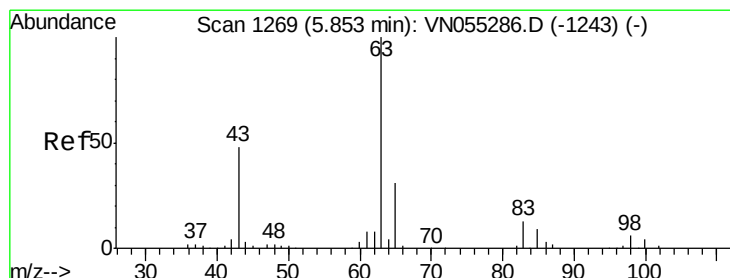
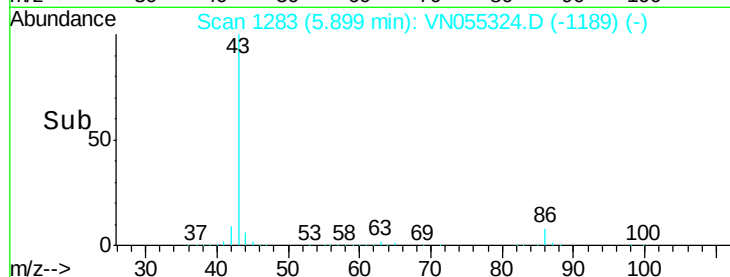
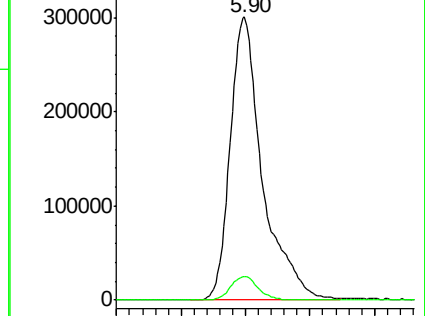
43 100

86 8.3 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.586 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

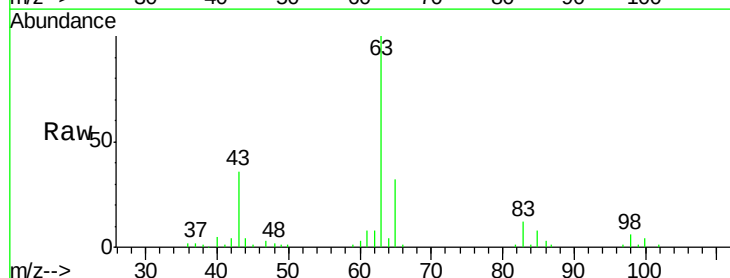
Tgt Ion: 63 Resp: 161723

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.0

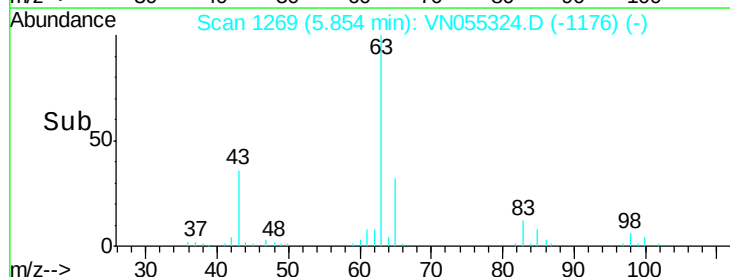
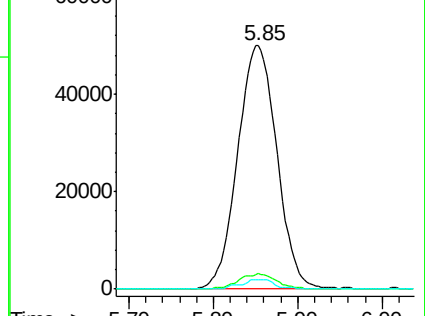
100 3.8 1.8 5.4



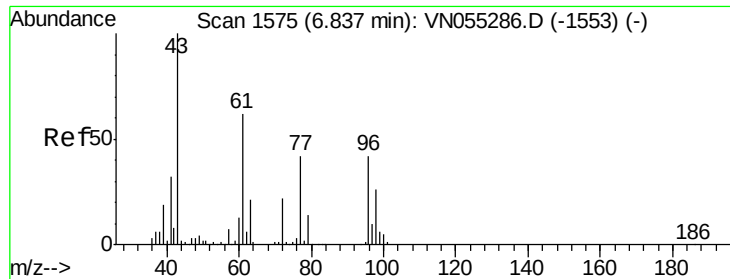
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0







#25

2-Butanone

Concen: 105.430 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

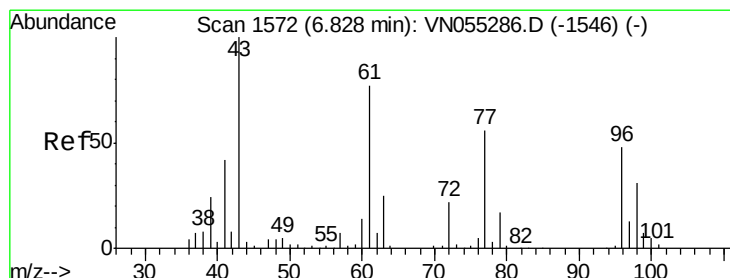
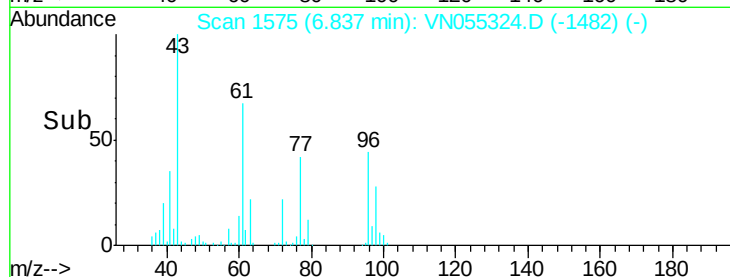
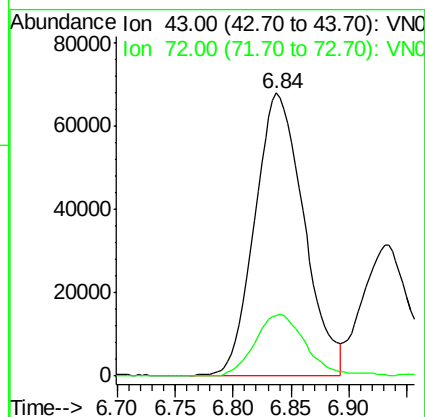
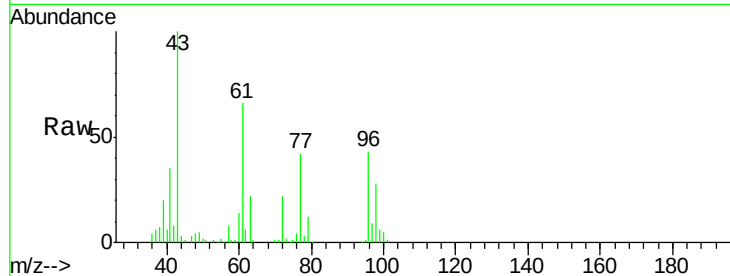
VN0501WBSD01

Tot Ion: 43 Resp: 199347

Ion Ratio Lower Upper

43 100

72 21.6 18.0 27.0



#26

2,2-Dichloropropane

Concen: 19.532 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055324.D

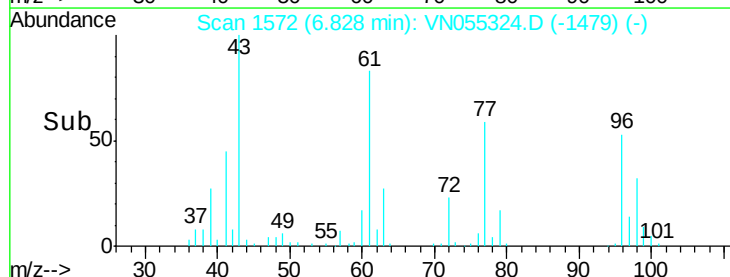
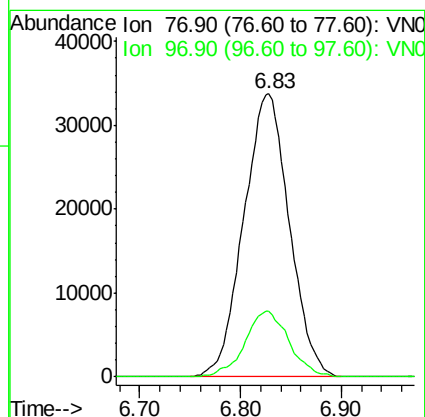
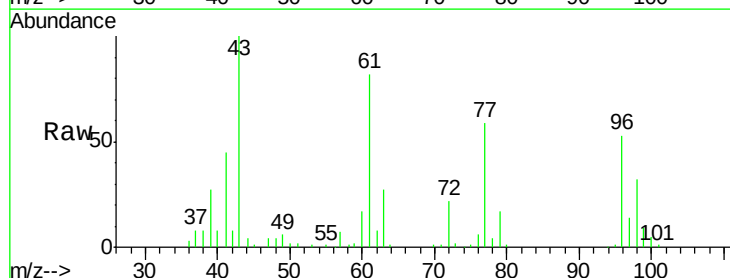
Acq: 1 May 2019 13:02

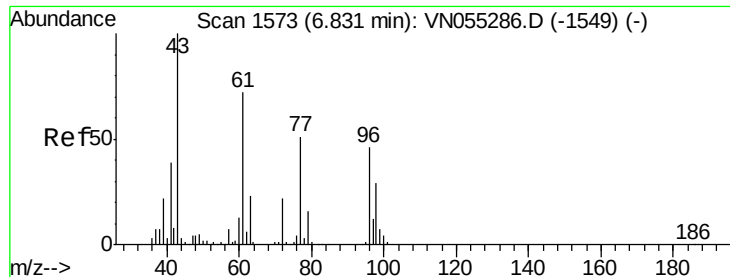
Tgt Ion: 77 Resp: 105955

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.968 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

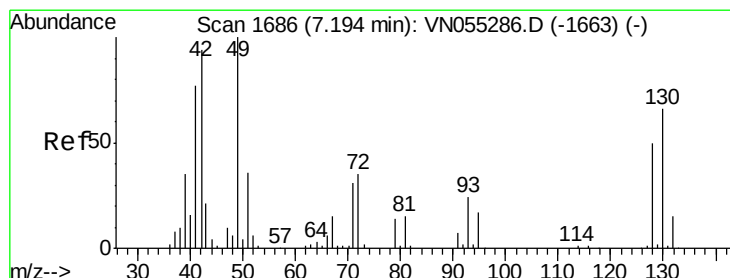
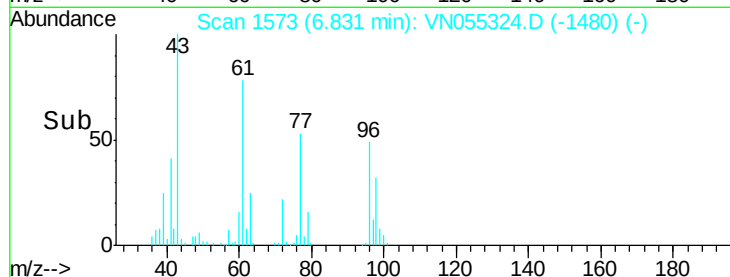
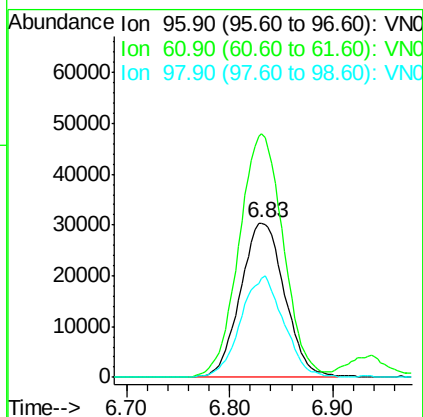
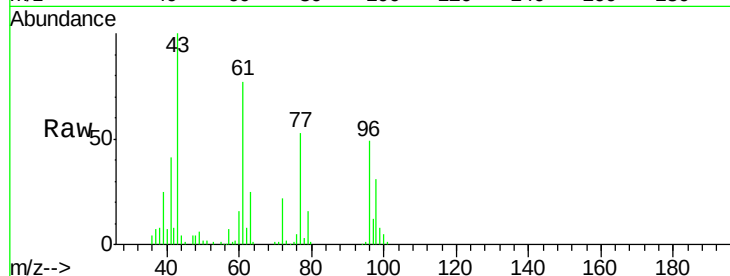
Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBSD01

Tot Ion: 96 Resp: 90482

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 157.5 | 0.0   | 316.2 |
| 98  | 64.1  | 0.0   | 126.6 |



#28

Bromochloromethane

Concen: 21.639 ug/l

RT: 7.19 min Scan# 1686

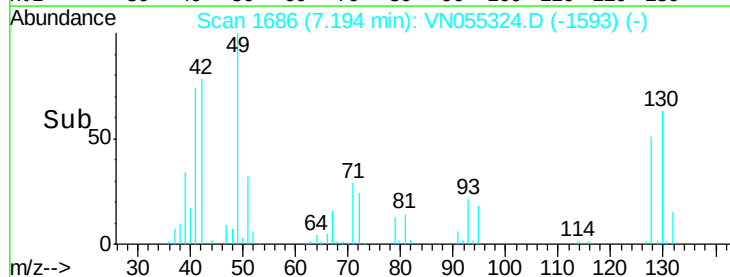
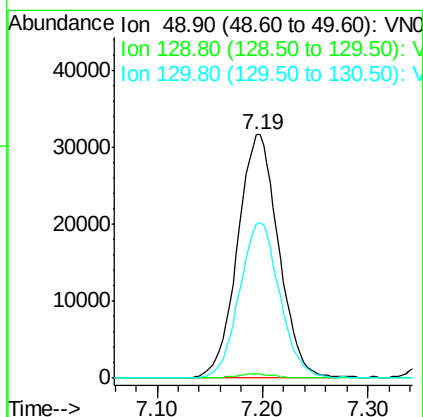
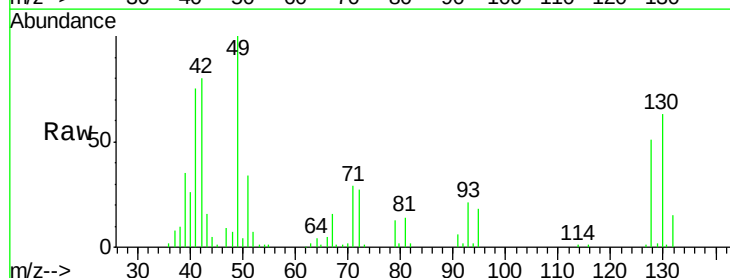
Delta R.T. 0.00 min

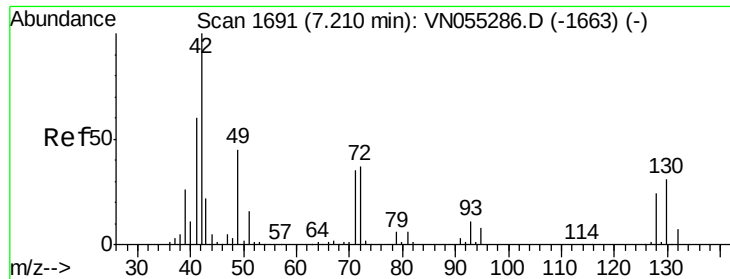
Lab File: VN055324.D

Acq: 1 May 2019 13:02

Tgt Ion: 49 Resp: 85688

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.5   | 0.0   | 2.4   |
| 130 | 62.5  | 52.0  | 78.0  |

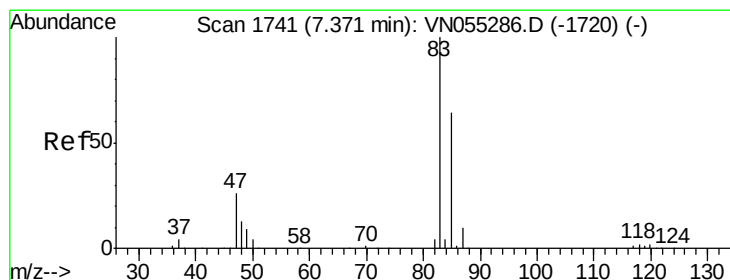
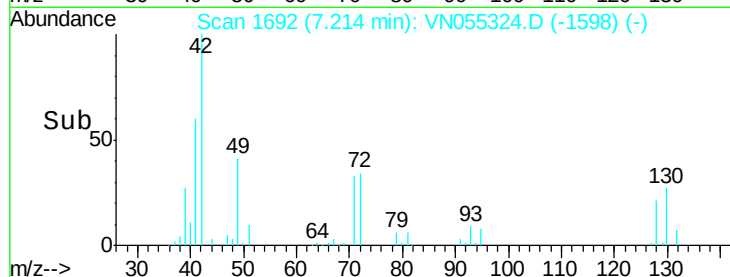
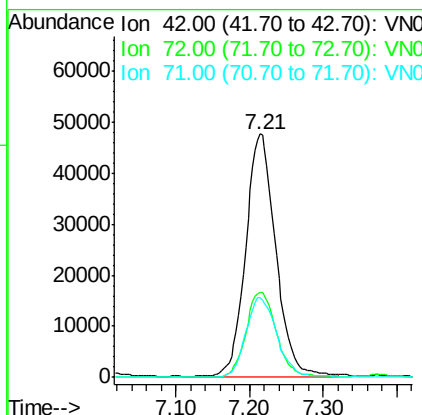
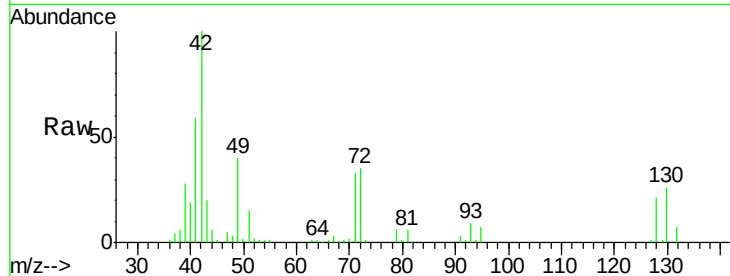




#29  
Tetrahydrofuran  
Concen: 113.177 ug/l  
RT: 7.21 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

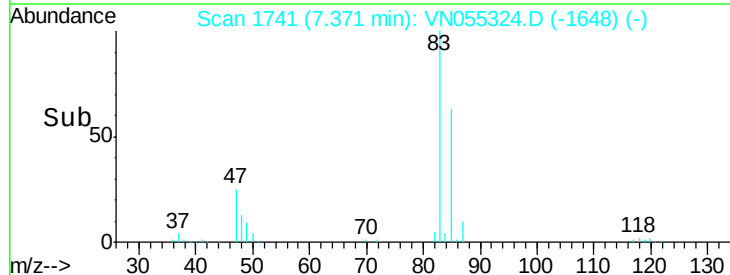
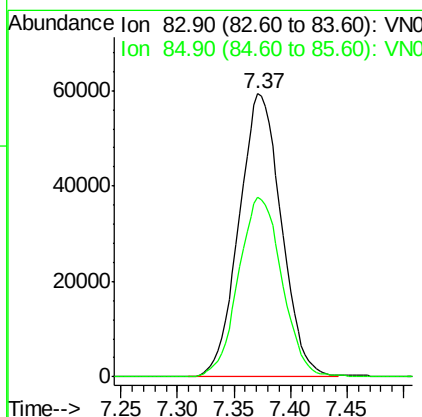
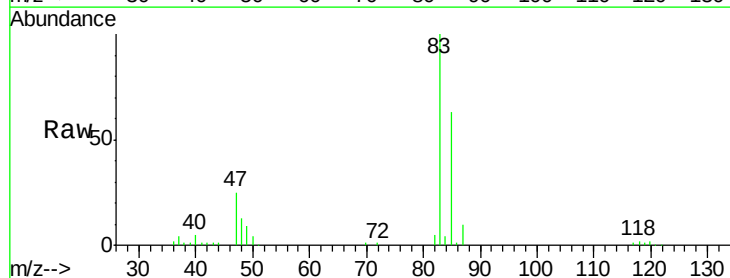
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBSD01

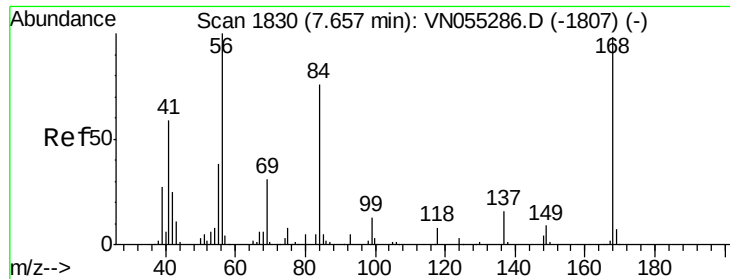
Tot Ion: 42 Resp: 137027  
Ion Ratio Lower Upper  
42 100  
72 35.2 29.0 43.6  
71 33.5 27.1 40.7



#30  
Chloroform  
Concen: 20.730 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Tgt Ion: 83 Resp: 154372  
Ion Ratio Lower Upper  
83 100  
85 63.3 51.4 77.2

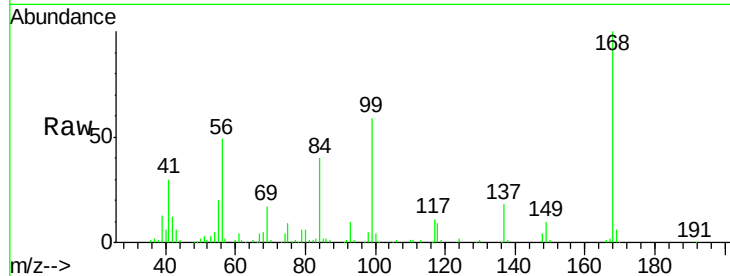




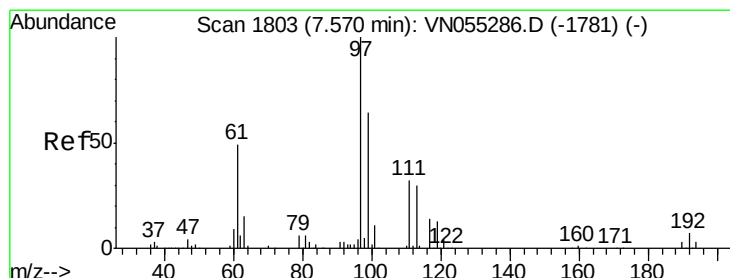
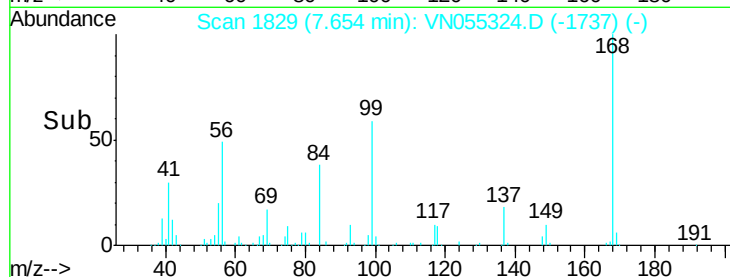
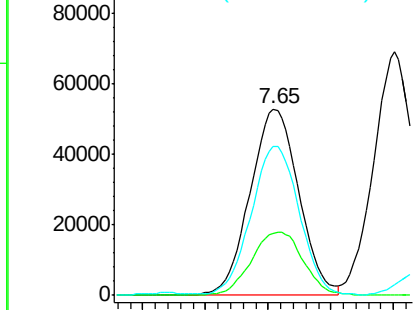
#31  
Cyclohexane  
Concen: 19.126 ug/l  
RT: 7.65 min Scan# 1829  
Delta R.T. -0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBSD01

Tot Ion: 56 Resp: 142751  
Ion Ratio Lower Upper  
56 100  
69 33.6 25.2 37.8  
84 79.0 61.1 91.7

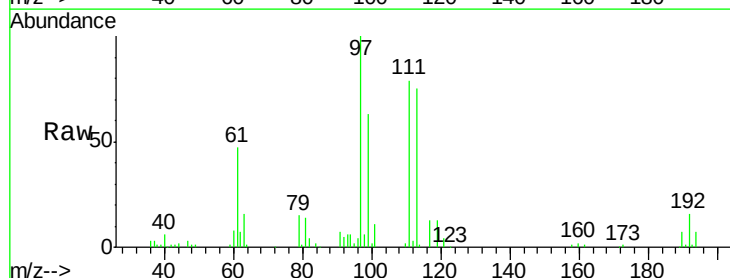


Abundance Ion 56.00 (55.70 to 56.70): VNO  
Ion 69.00 (68.70 to 69.70): VNO  
Ion 84.00 (83.70 to 84.70): VNO

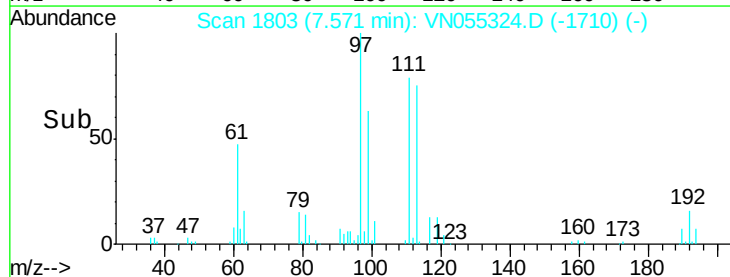
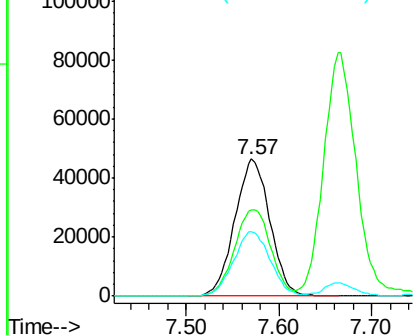


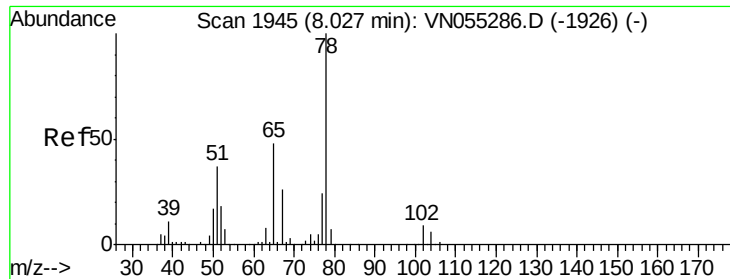
#32  
1,1,1-Trichloroethane  
Concen: 20.203 ug/l  
RT: 7.57 min Scan# 1803  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Tgt Ion: 97 Resp: 122105  
Ion Ratio Lower Upper  
97 100  
99 65.4 51.8 77.8  
61 49.0 39.0 58.6



Abundance Ion 96.90 (96.60 to 97.60): VNO  
Ion 98.90 (98.60 to 99.60): VNO  
Ion 60.90 (60.60 to 61.60): VNO

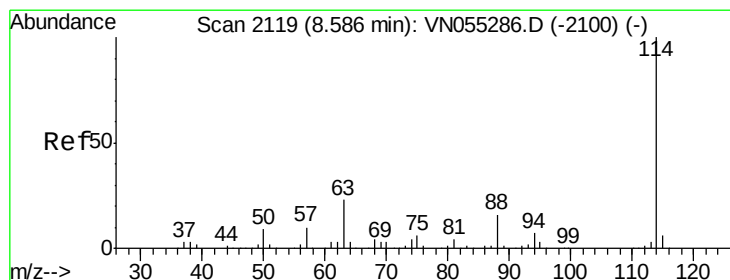
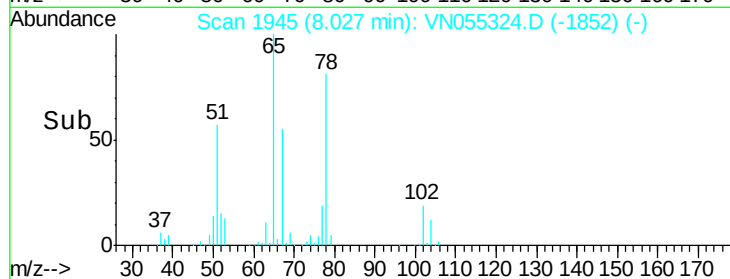
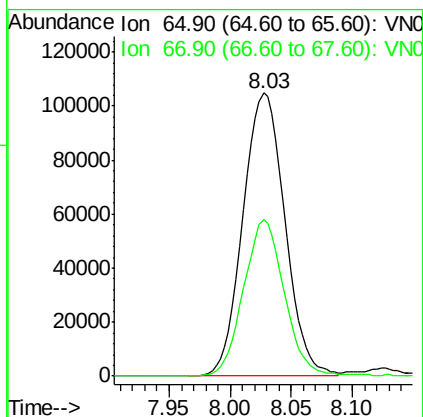
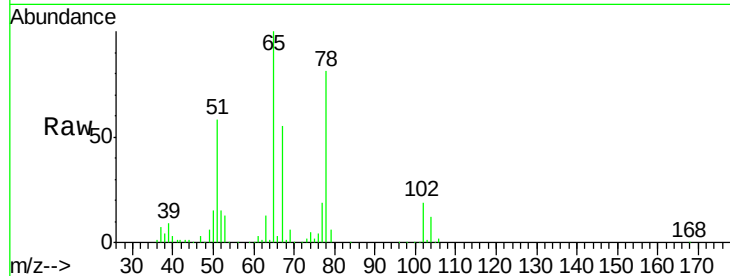




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.671 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN055324.D  
 Acq: 1 May 2019 13:02

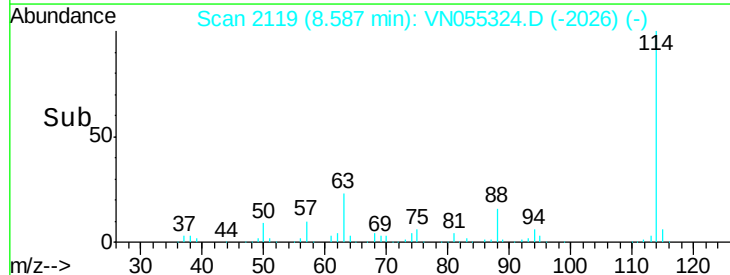
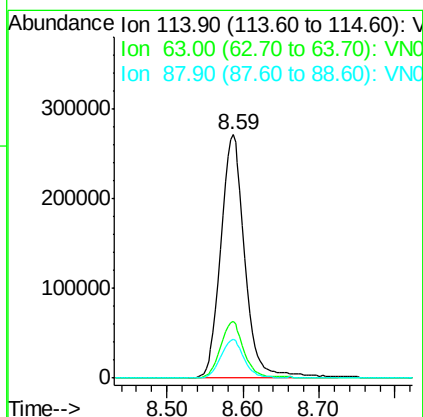
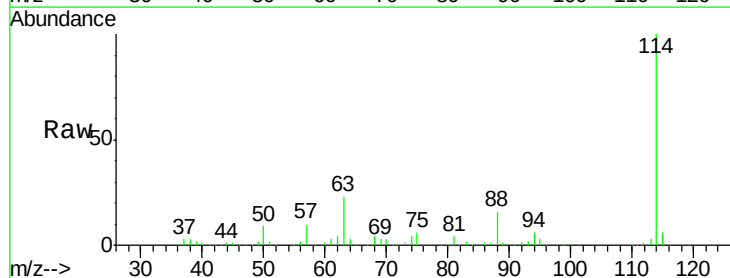
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBSD01

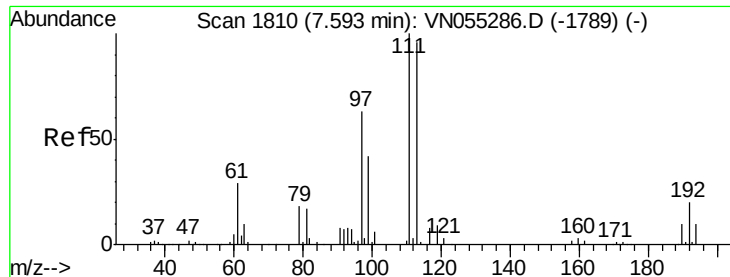
Tot Ion: 65 Resp: 249924  
 Ion Ratio Lower Upper  
 65 100  
 67 53.7 0.0 106.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN055324.D  
 Acq: 1 May 2019 13:02

Tgt Ion: 114 Resp: 600934  
 Ion Ratio Lower Upper  
 114 100  
 63 23.2 0.0 45.2  
 88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.819 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBSD01

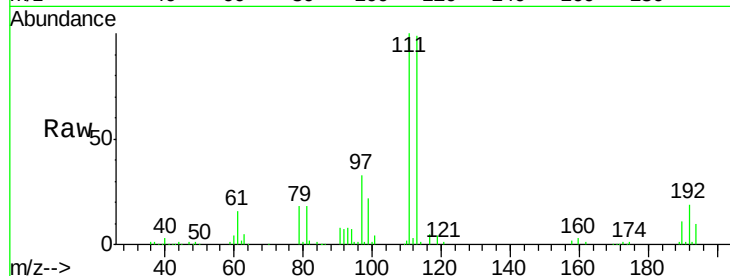
Tot Ion:113 Resp: 200446

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

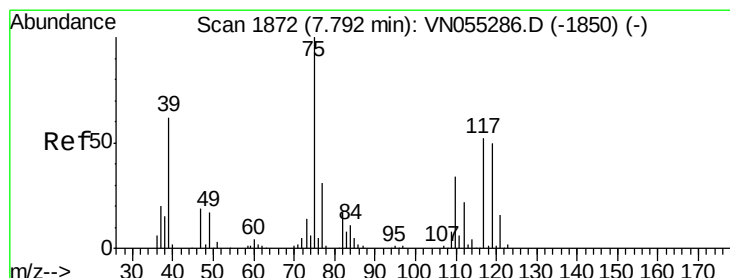
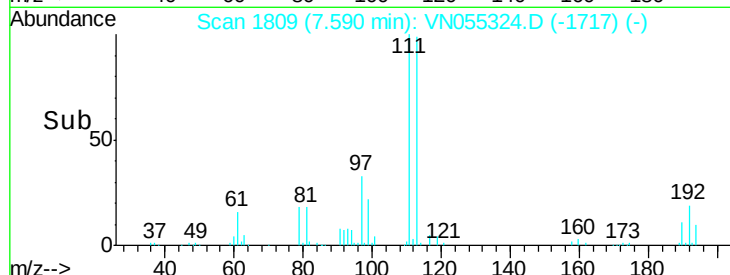
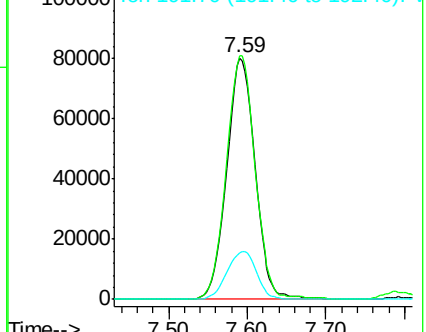
192 20.7 17.0 25.6



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: 18.596 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

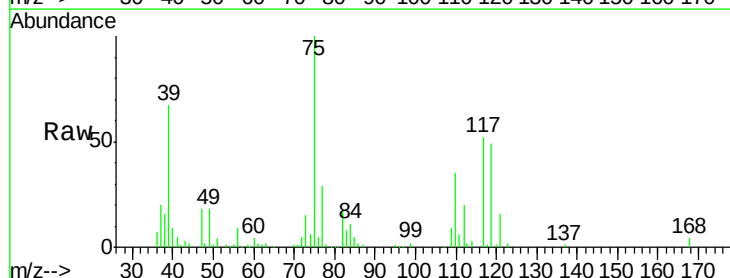
Tgt Ion: 75 Resp: 107040

Ion Ratio Lower Upper

75 100

110 35.6 16.8 50.4

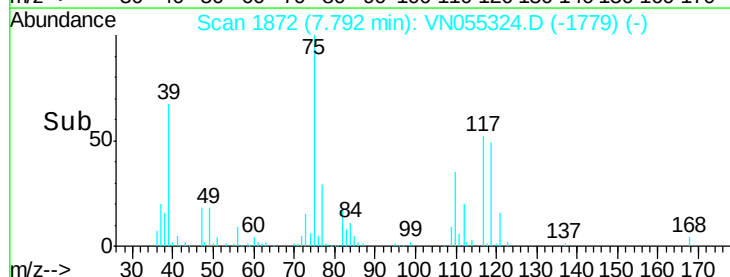
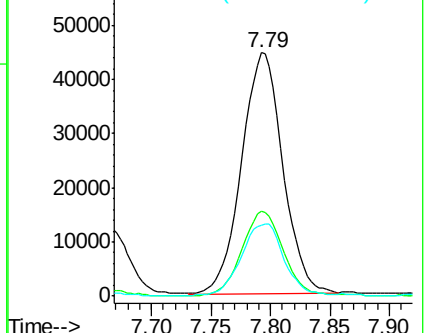
77 31.4 25.0 37.6

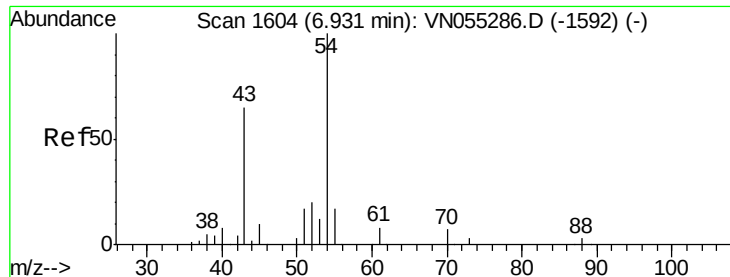


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

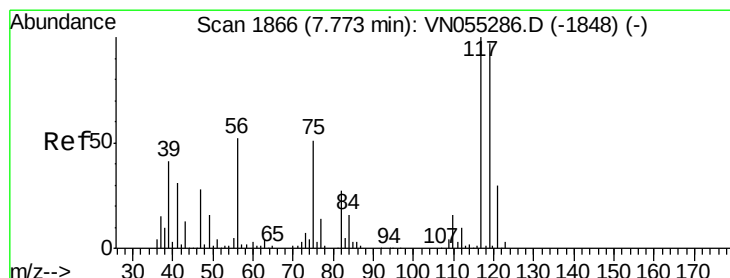
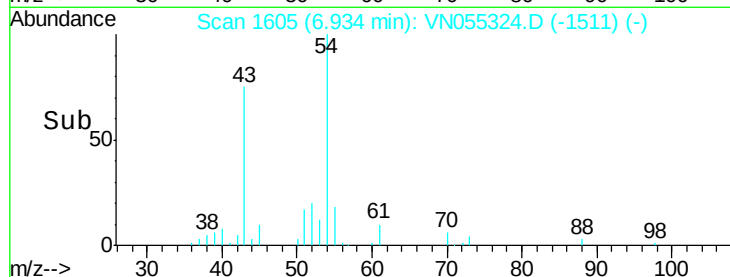
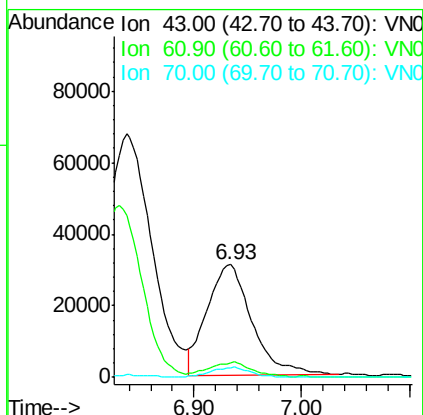
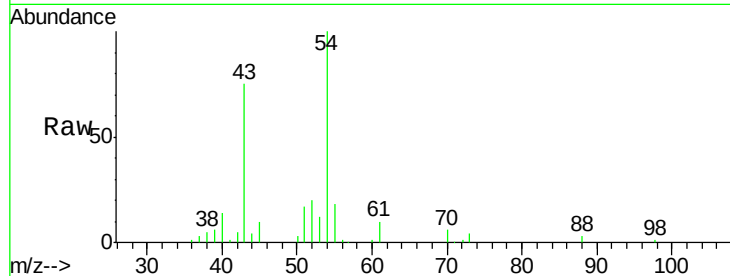




#37  
Ethyl Acetate  
Concen: 20.515 ug/l  
RT: 6.93 min Scan# 1605  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

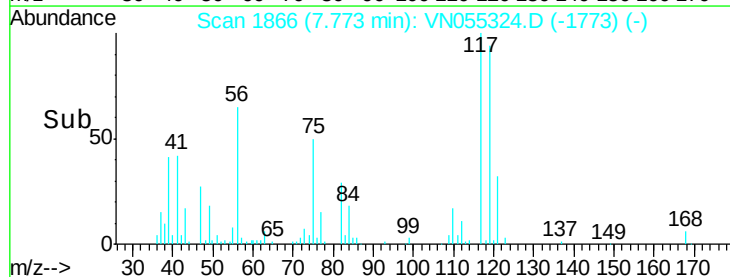
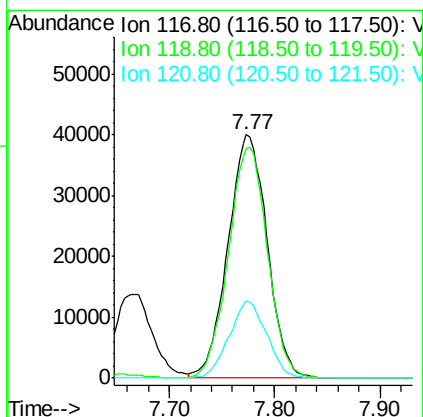
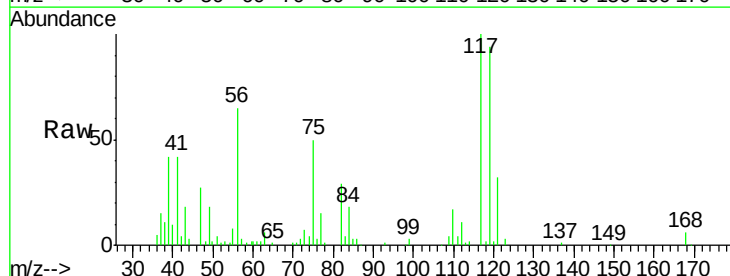
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBSD01

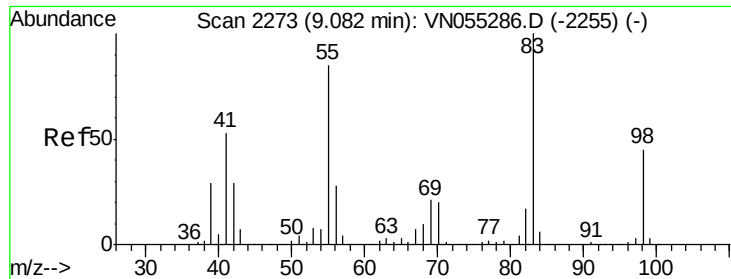
Tot Ion: 43 Resp: 90503  
Ion Ratio Lower Upper  
43 100  
61 12.3 10.4 15.6  
70 8.3 6.6 10.0



#38  
Carbon Tetrachloride  
Concen: 18.577 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Tgt Ion: 117 Resp: 103149  
Ion Ratio Lower Upper  
117 100  
119 94.2 77.0 115.6  
121 31.5 23.8 35.8

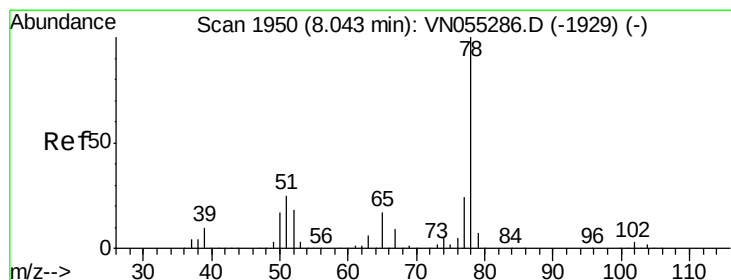
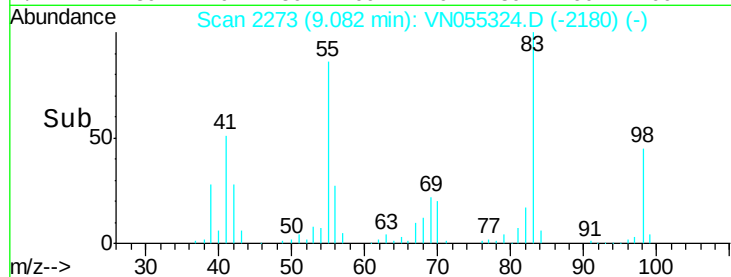
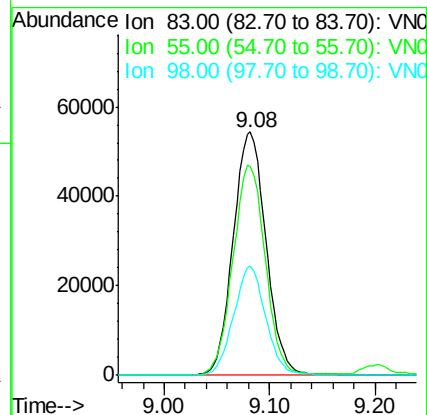
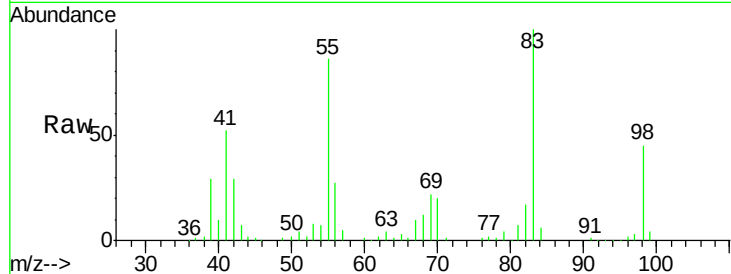




#39  
Methylvlcyclohexane  
Concen: 19.259 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

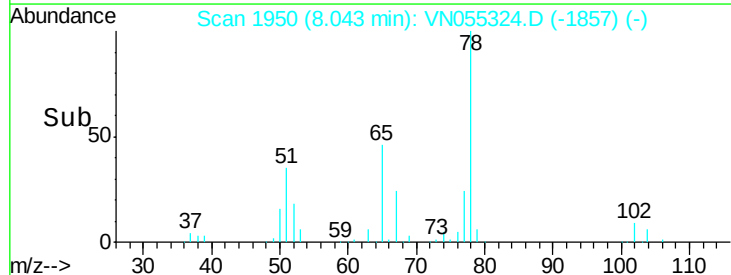
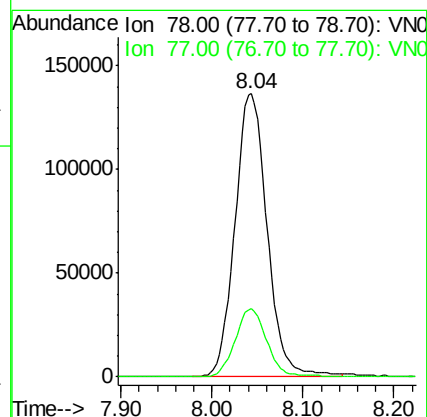
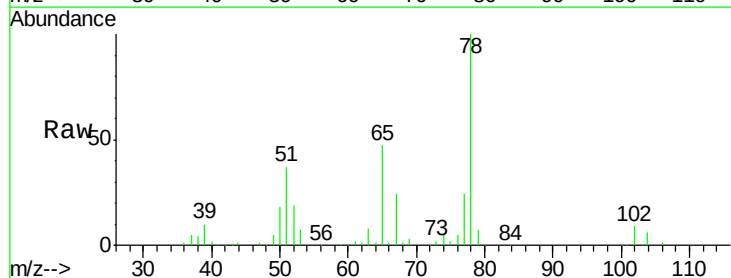
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0501WBSD01

Tot Ion: 83 Resp: 117863  
Ion Ratio Lower Upper  
83 100  
55 86.0 67.8 101.6  
98 44.9 36.2 54.4

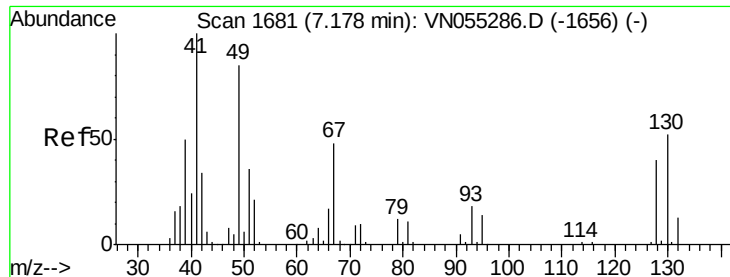


#40  
Benzene  
Concen: 19.807 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Tgt Ion: 78 Resp: 336084  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.0 28.6



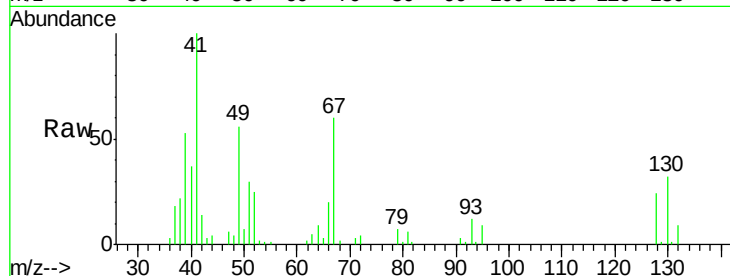




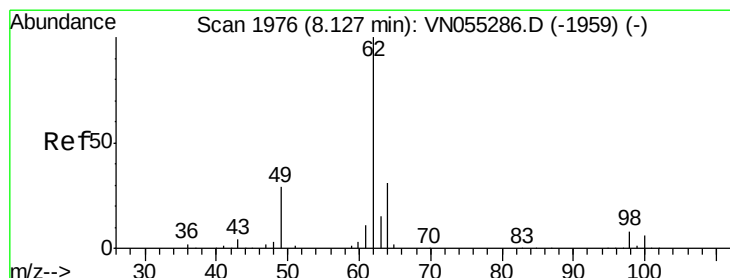
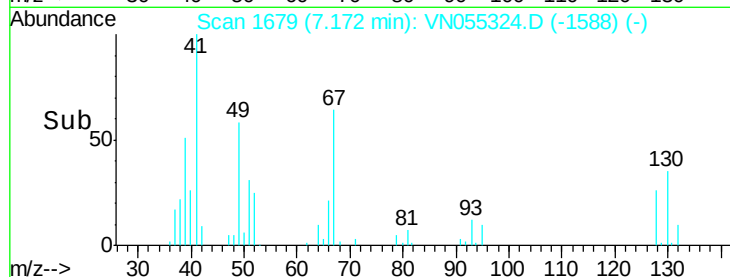
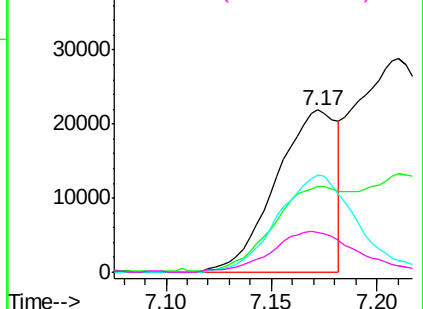
#41  
Methacrylonitrile  
Concen: 18.882 ug/l  
RT: 7.17 min Scan# 1679  
Delta R.T. -0.01 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 43966 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.2  | 48.5  | 72.7  |
| 67       | 78.9  | 54.9  | 82.3  |
| 52       | 36.3  | 24.9  | 37.3  |

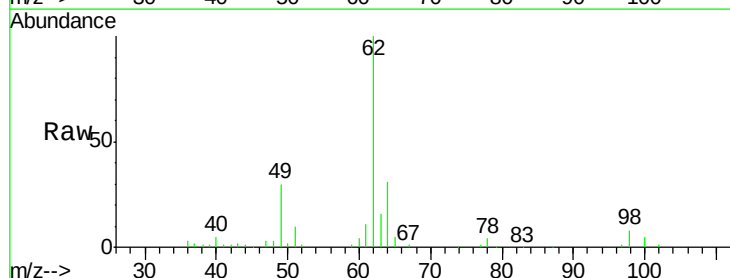


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

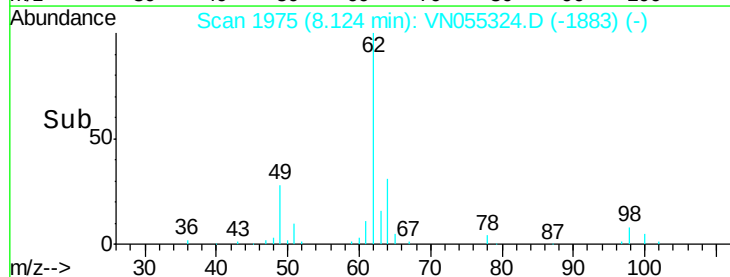
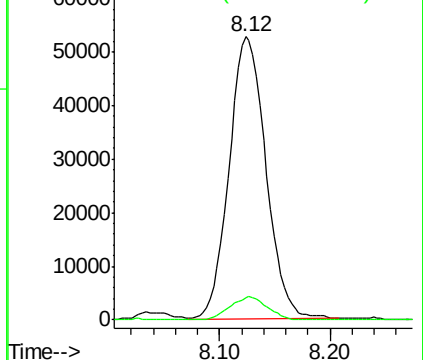


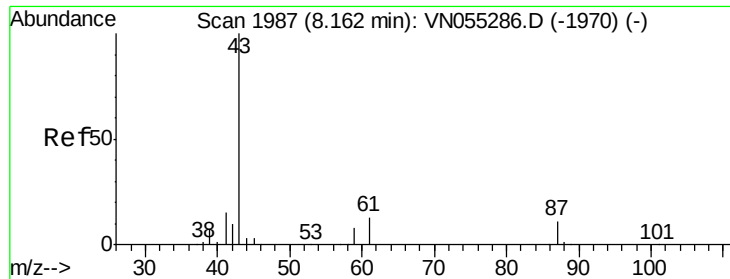
#42  
1,2-Dichloroethane  
Concen: 20.295 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 121969 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.3   | 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: 22.496 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBSD01

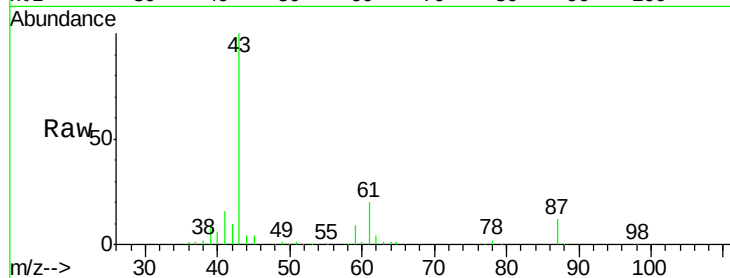
Tot Ion: 43 Resp: 159487

Ion Ratio Lower Upper

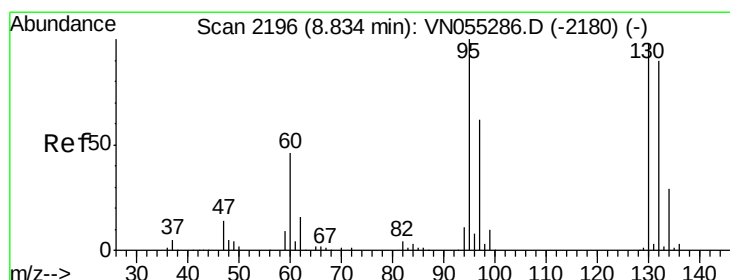
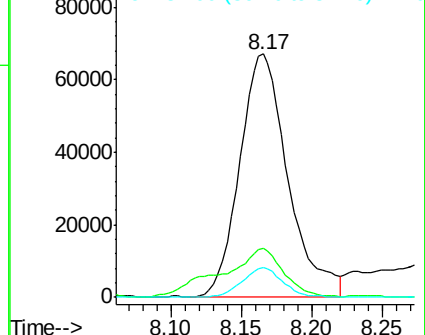
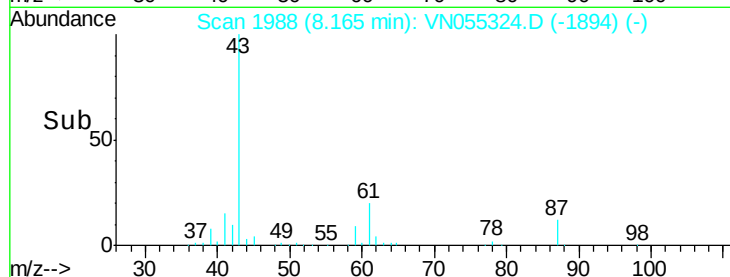
43 100

61 25.4 20.8 31.2

87 10.5 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055324.D (-1894) (-)



#44

Trichloroethene

Concen: 19.154 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055324.D

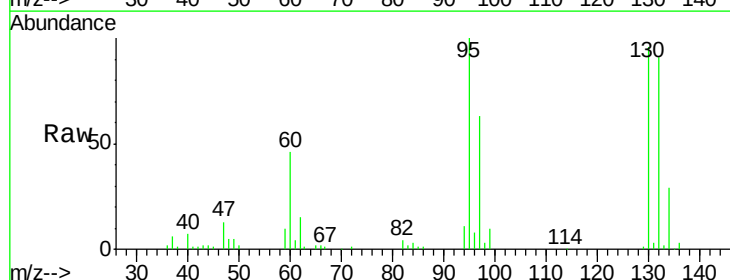
Acq: 1 May 2019 13:02

Tgt Ion:130 Resp: 82855

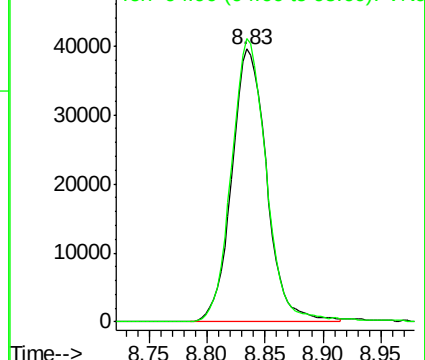
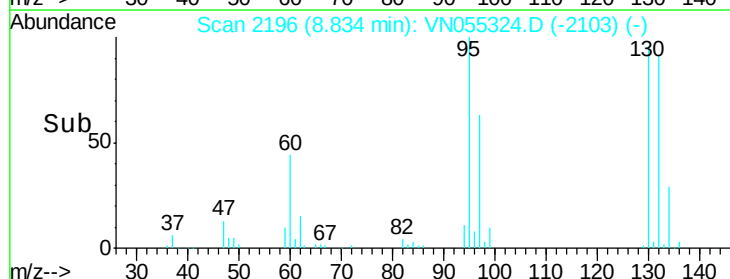
Ion Ratio Lower Upper

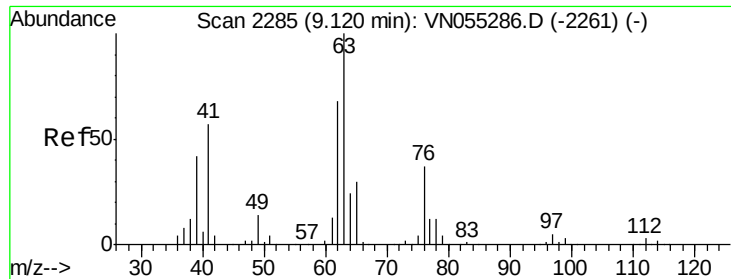
130 100

95 103.8 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055324.D (-2103) (-)

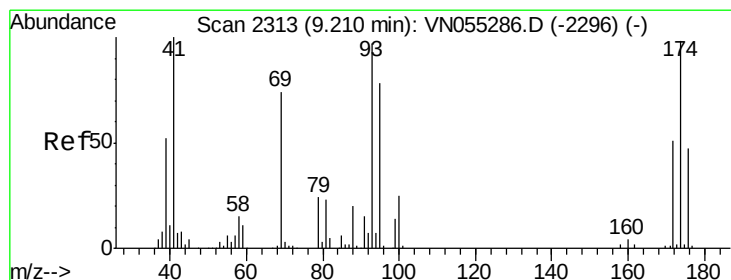
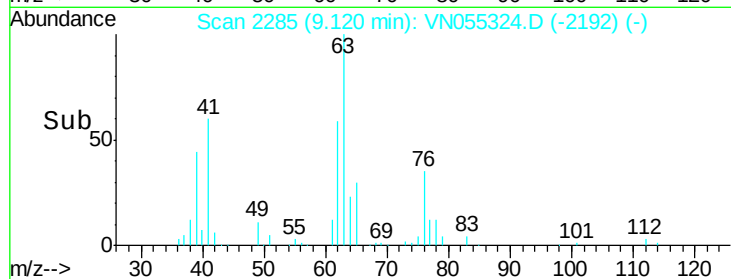
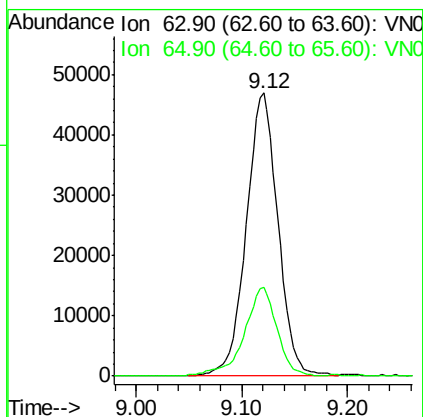
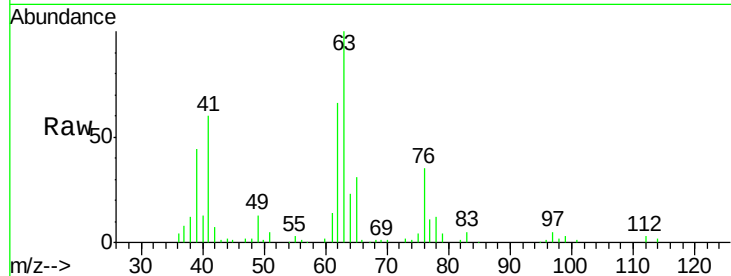




#45  
 1,2-Dichloropropane  
 Concen: 20.106 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. 0.00 min  
 Lab File: VN055324.D  
 Acq: 1 May 2019 13:02

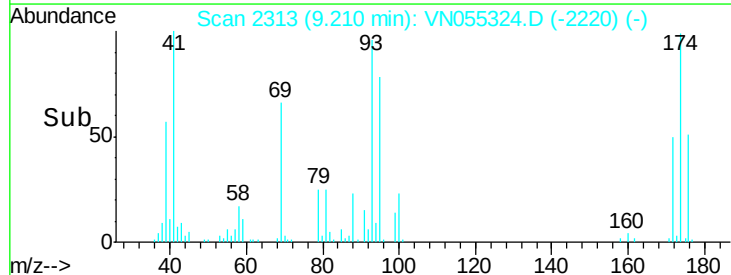
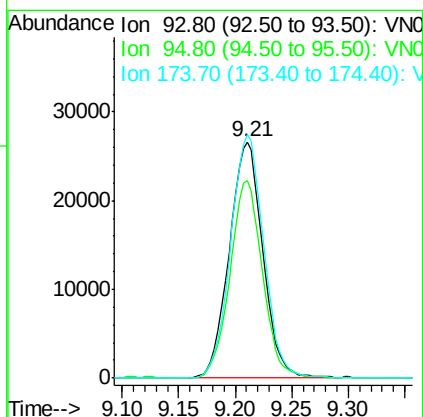
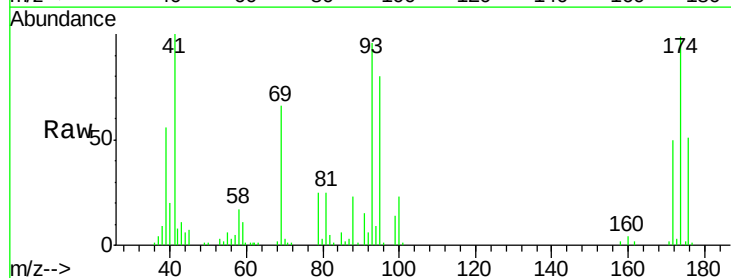
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBSD01

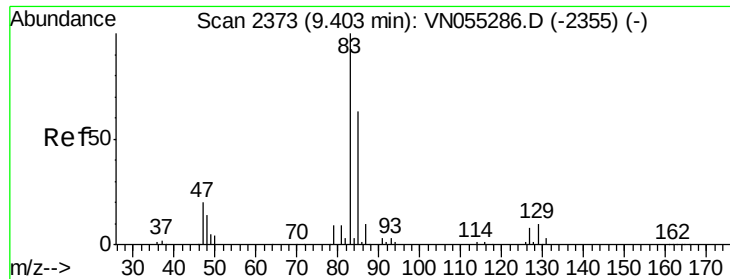
Tot Ion: 63 Resp: 98399  
 Ion Ratio Lower Upper  
 63 100  
 65 30.9 23.9 35.9



#46  
 Dibromomethane  
 Concen: 20.514 ug/l  
 RT: 9.21 min Scan# 2313  
 Delta R.T. 0.00 min  
 Lab File: VN055324.D  
 Acq: 1 May 2019 13:02

Tgt Ion: 93 Resp: 54876  
 Ion Ratio Lower Upper  
 93 100  
 95 80.6 65.7 98.5  
 174 102.1 81.5 122.3

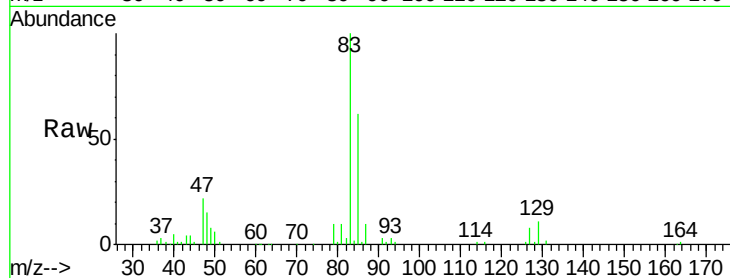




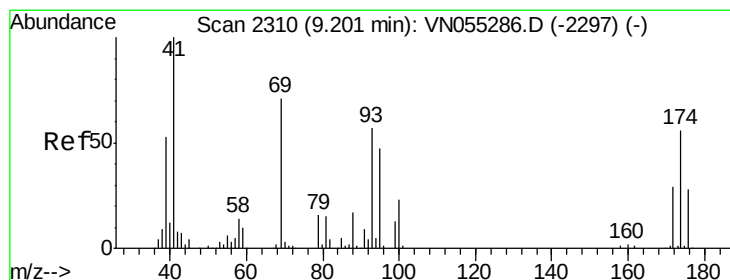
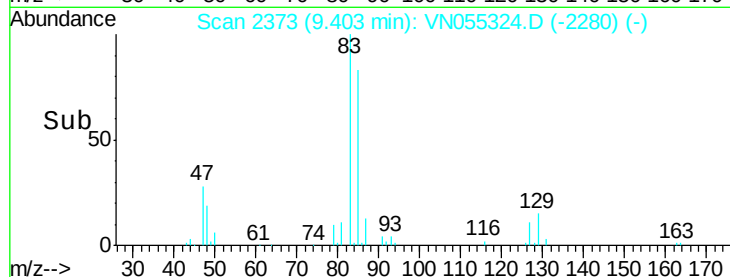
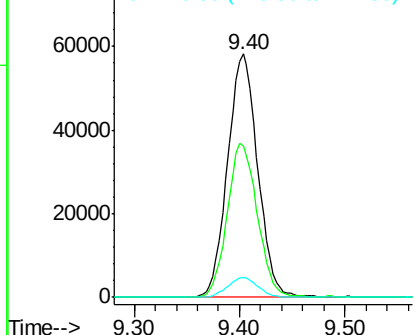
#47  
Bromodichloromethane  
Concen: 20.080 ug/l  
RT: 9.40 min Scan# 2373  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBSD01

Tot Ion: 83 Resp: 115238  
Ion Ratio Lower Upper  
83 100  
85 62.3 50.1 75.1  
127 8.3 6.7 10.1

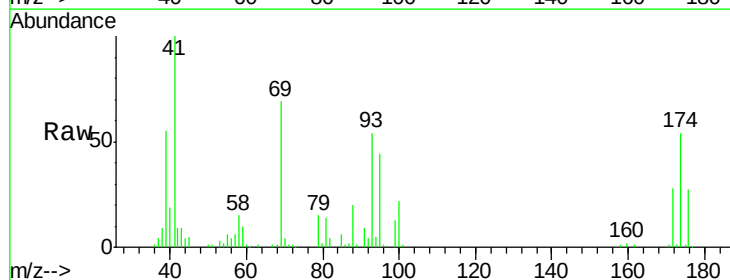


Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): V

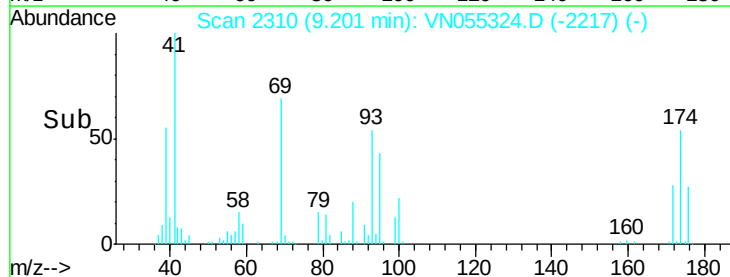
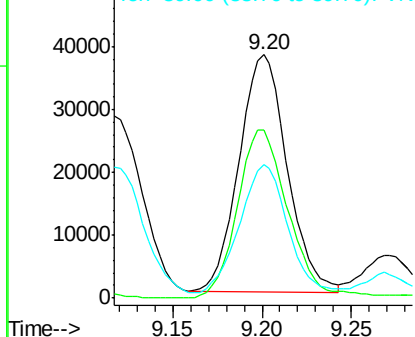


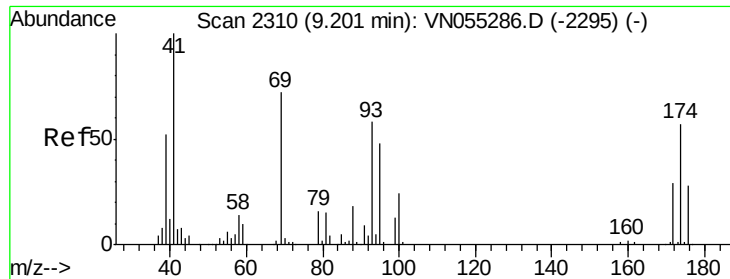
#48  
Methyl methacrylate  
Concen: 20.324 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Tgt Ion: 41 Resp: 70833  
Ion Ratio Lower Upper  
41 100  
69 75.3 58.6 87.8  
39 58.4 43.8 65.6



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





#49

1,4-Dioxane

Concen: 440.268 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBSD01

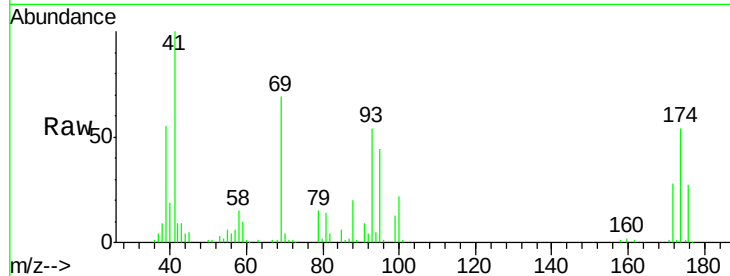
Tot Ion: 88 Resp: 15862

Ion Ratio Lower Upper

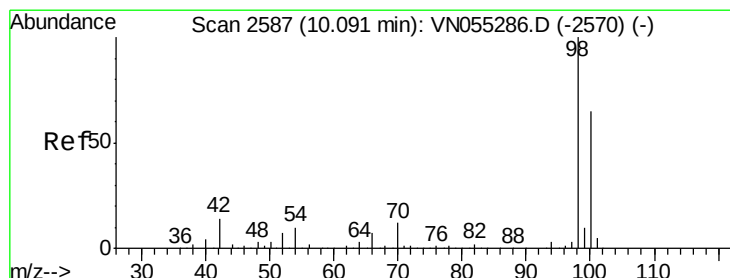
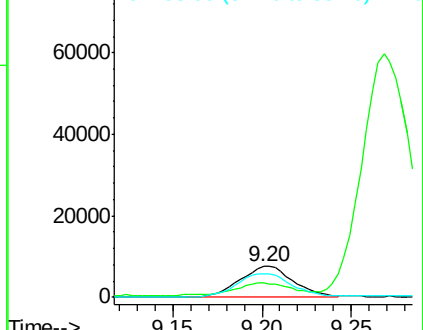
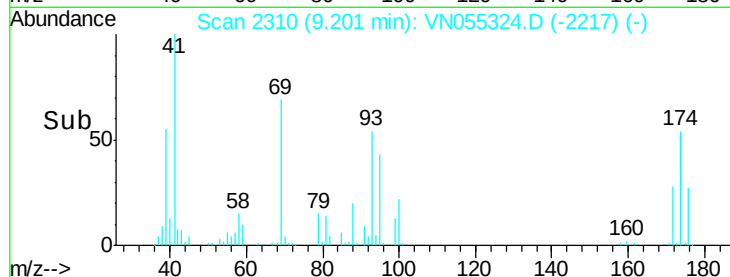
88 100

43 37.2 33.3 49.9

58 81.9 62.7 94.1



Abundance Ion 88.00 (87.70 to 88.70): VN055324.D (-2217) (-)



#50

Toluene-d8

Concen: 50.847 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055324.D

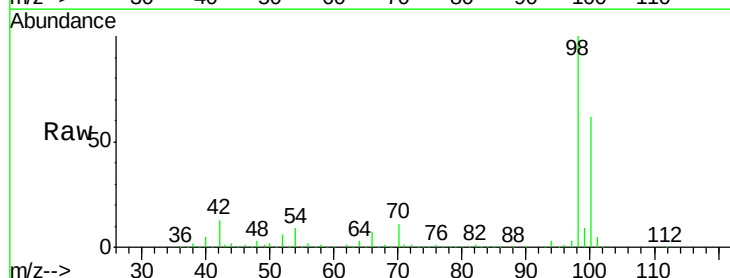
Acq: 1 May 2019 13:02

Tgt Ion: 98 Resp: 724194

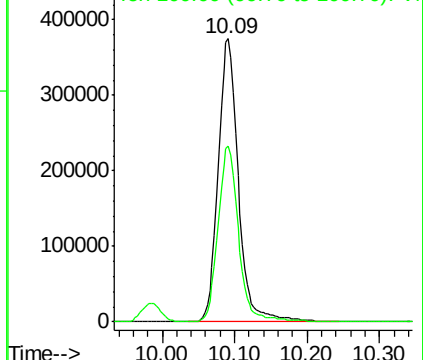
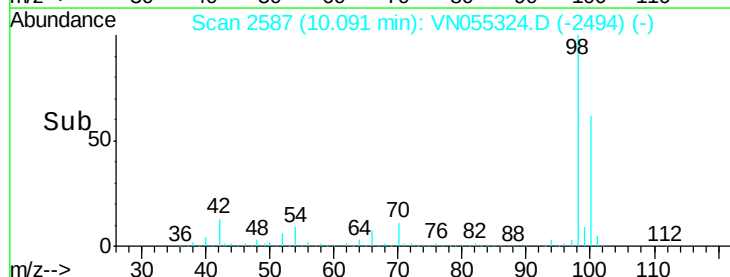
Ion Ratio Lower Upper

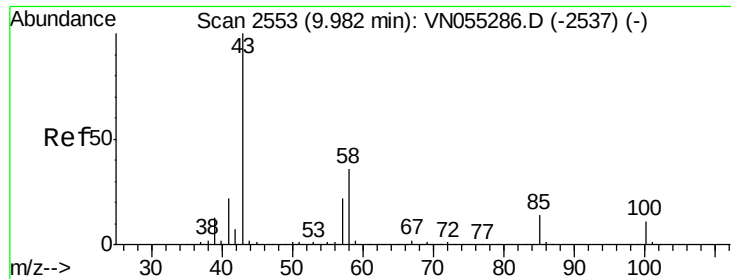
98 100

100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055324.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 106.666 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampled :

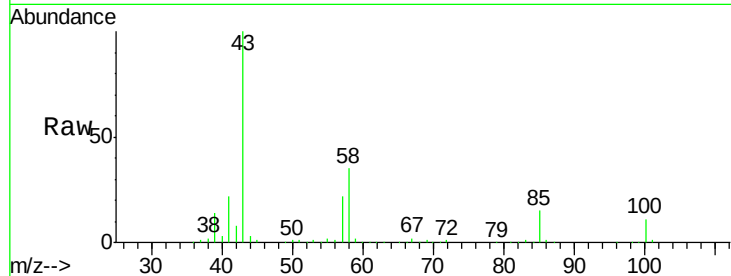
VN0501WBSD01

Tot Ion: 43 Resp: 425762

Ion Ratio Lower Upper

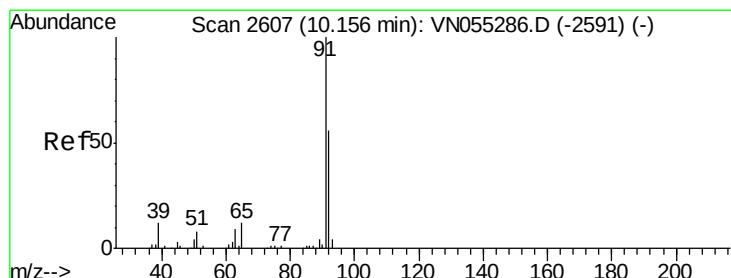
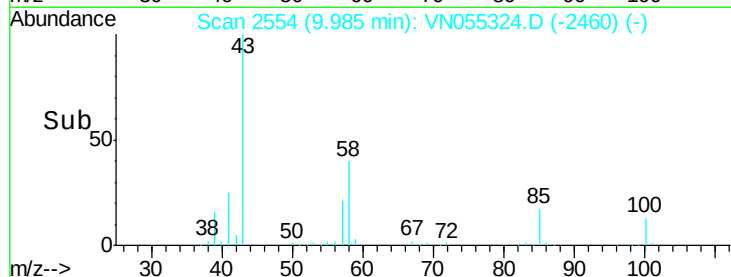
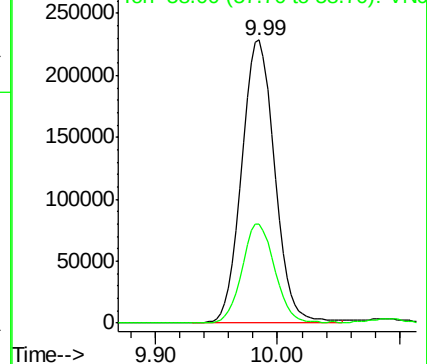
43 100

58 34.8 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: 19.983 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055324.D

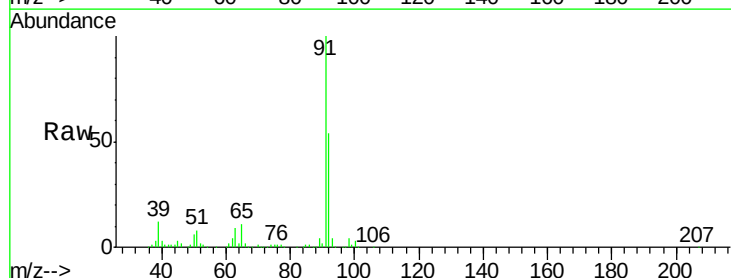
Acq: 1 May 2019 13:02

Tgt Ion: 92 Resp: 194551

Ion Ratio Lower Upper

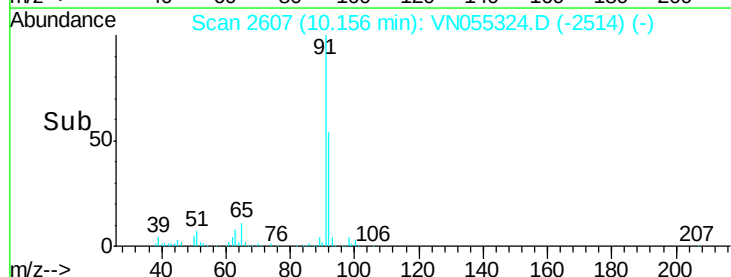
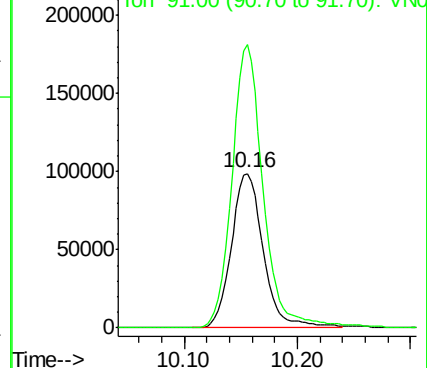
92 100

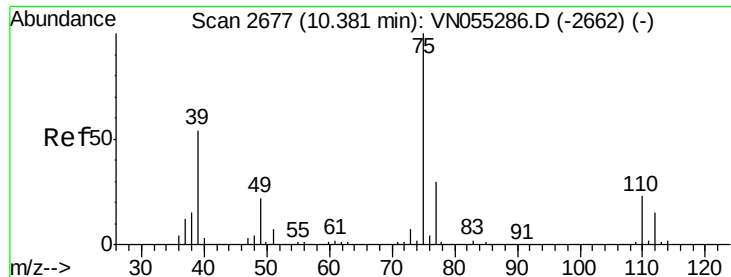
91 179.8 140.1 210.1



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: 20.473 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

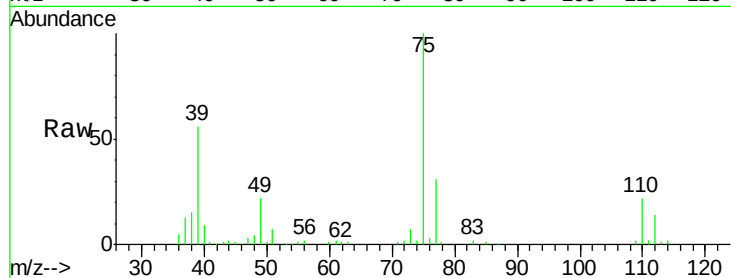
VN0501WBSD01

Tot Ion: 75 Resp: 101992

Ion Ratio Lower Upper

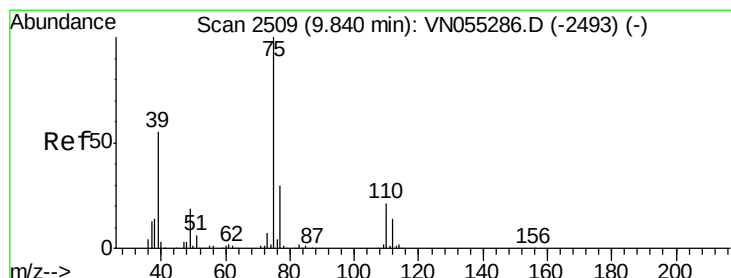
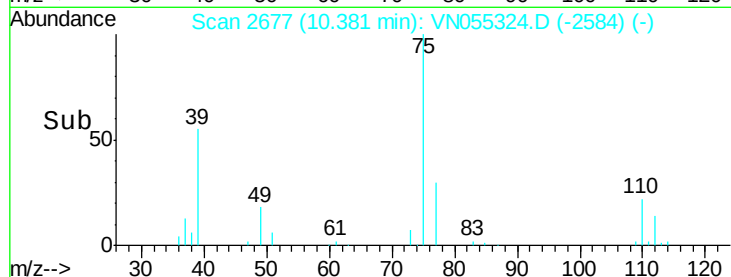
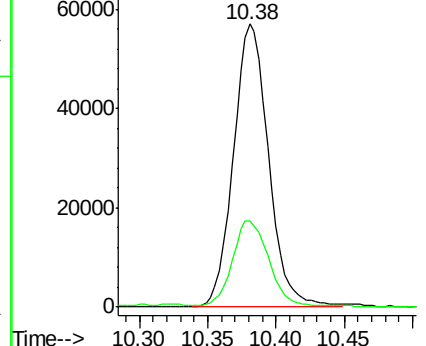
75 100

77 30.1 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: 20.398 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

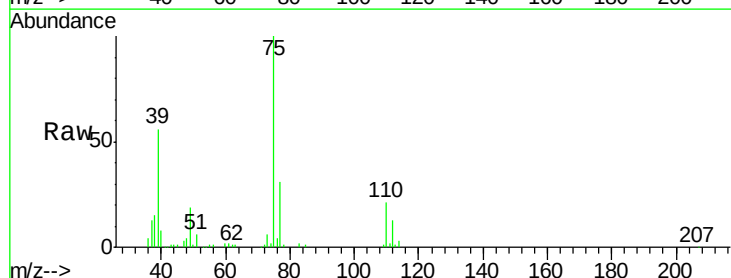
Tgt Ion: 75 Resp: 126702

Ion Ratio Lower Upper

75 100

77 31.4 24.2 36.2

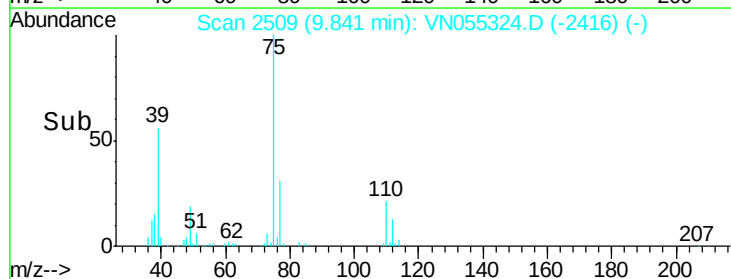
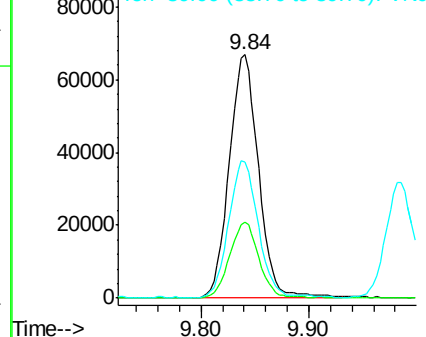
39 55.7 44.2 66.2

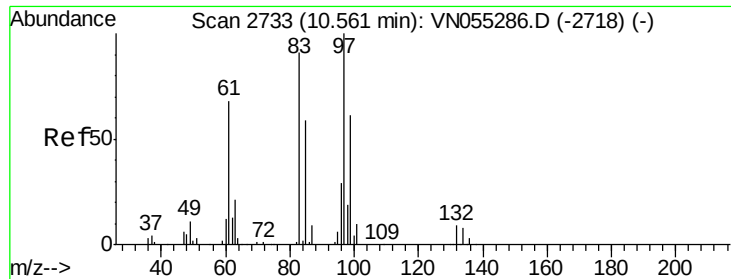


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 21.084 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBSD01

Tot Ion: 97 Resp: 76227

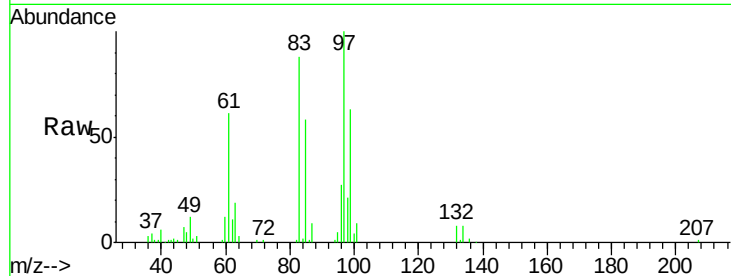
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.2  | 72.8  | 109.2 |
| 85  | 57.6  | 47.0  | 70.6  |
| 99  | 62.7  | 49.0  | 73.4  |

97 100

83 88.2 72.8 109.2

85 57.6 47.0 70.6

99 62.7 49.0 73.4



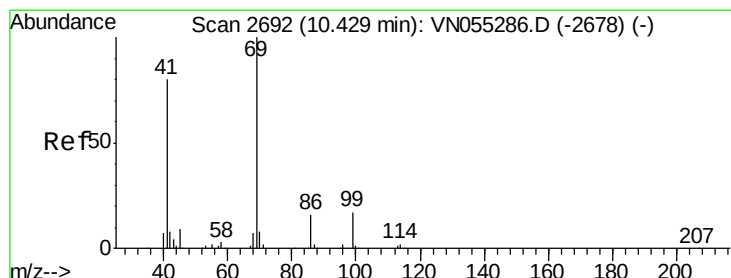
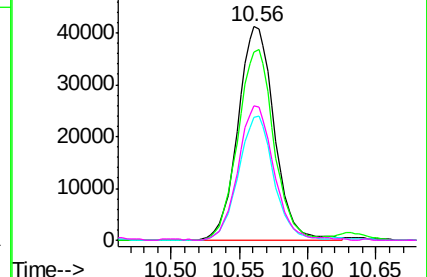
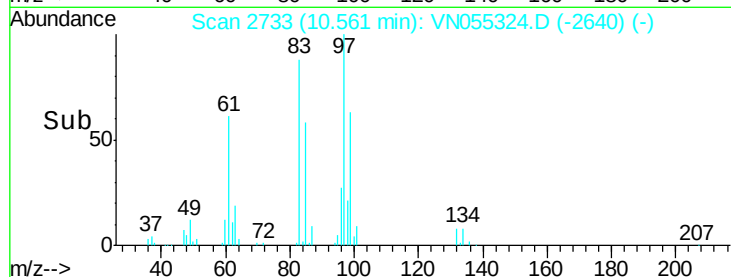
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Time-->



#56

Ethyl methacrylate

Concen: 21.399 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

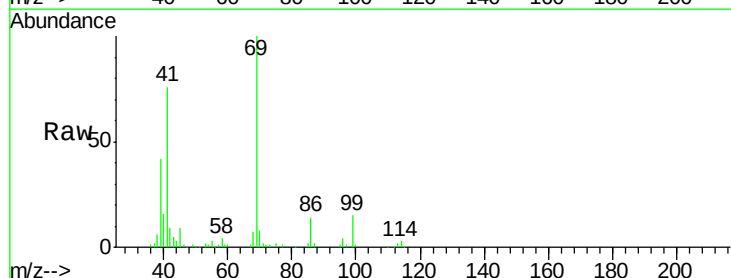
Tgt Ion: 69 Resp: 95222

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 77.3  | 62.7  | 94.1  |
| 39  | 40.0  | 32.0  | 48.0  |

69 100

41 77.3 62.7 94.1

39 40.0 32.0 48.0

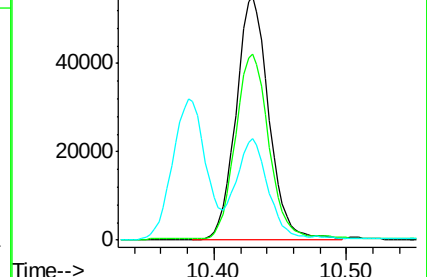
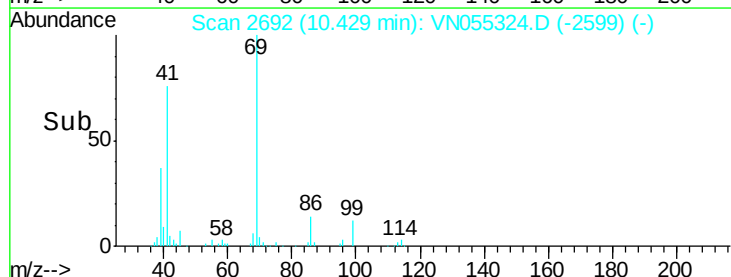


Abundance Ion 69.00 (68.70 to 69.70): VN0

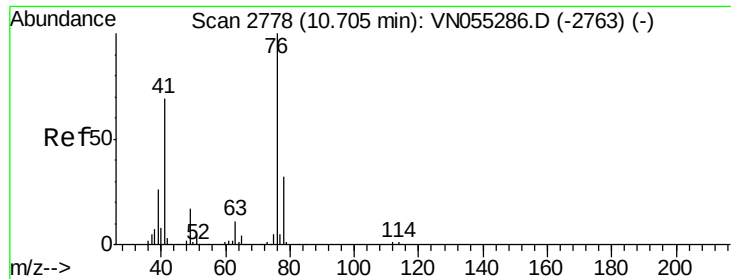
Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Time-->



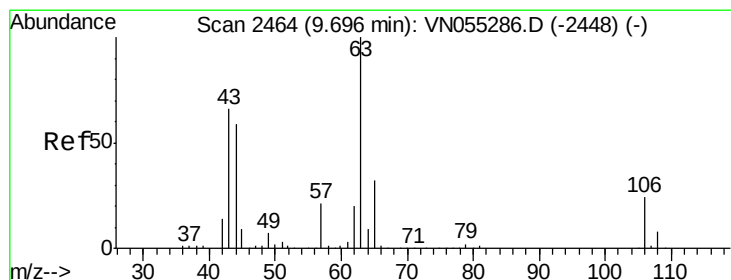
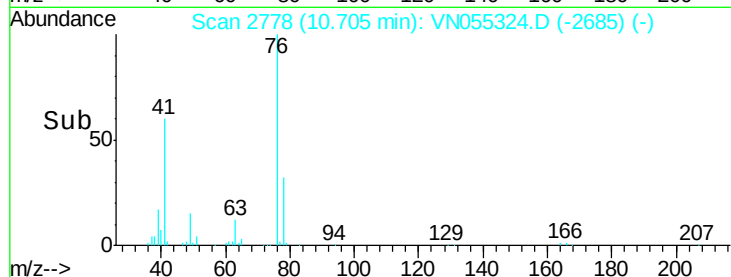
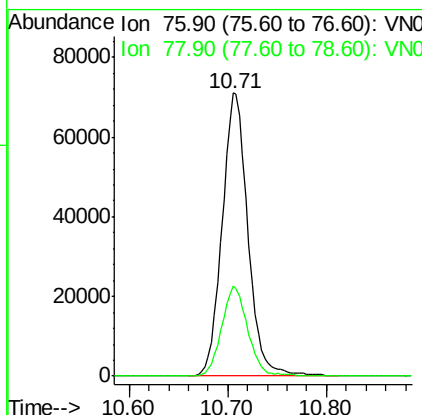
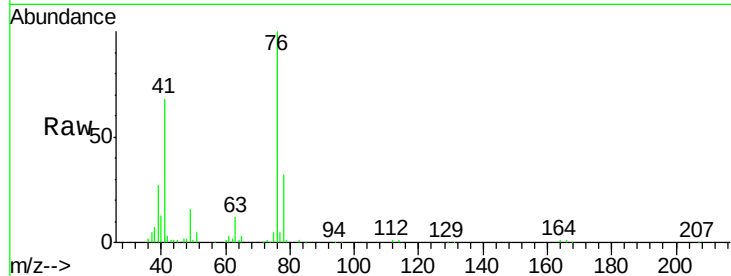




#57  
 1,3-Dichloropropane  
 Concen: 20.576 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. 0.00 min  
 Lab File: VN055324.D  
 Acq: 1 May 2019 13:02

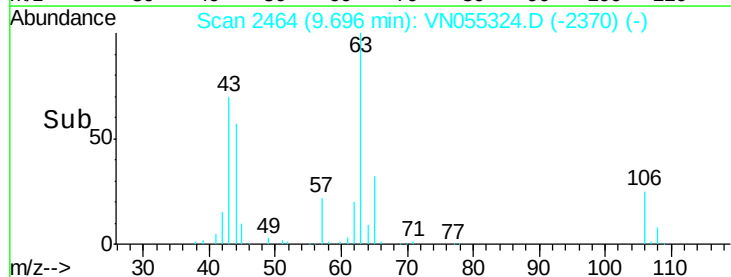
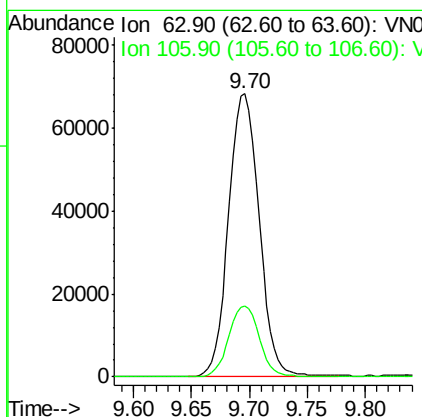
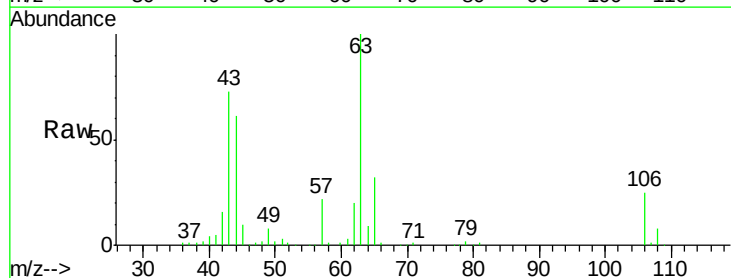
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBSD01

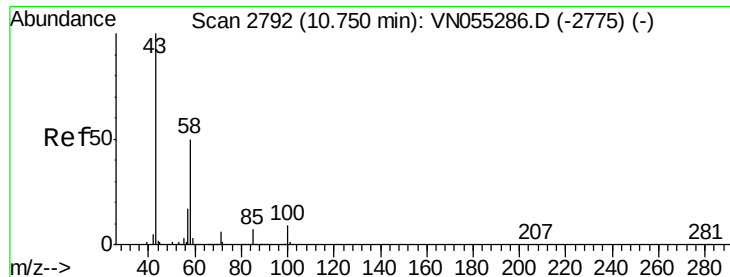
Tot Ion: 76 Resp: 130502  
 Ion Ratio Lower Upper  
 76 100  
 78 32.1 25.6 38.4



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 98.936 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN055324.D  
 Acq: 1 May 2019 13:02

Tgt Ion: 63 Resp: 125741  
 Ion Ratio Lower Upper  
 63 100  
 106 25.0 19.0 28.4

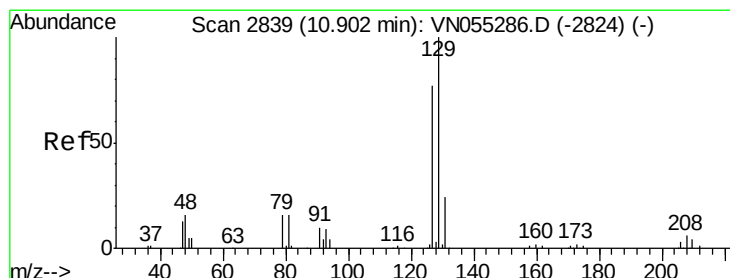
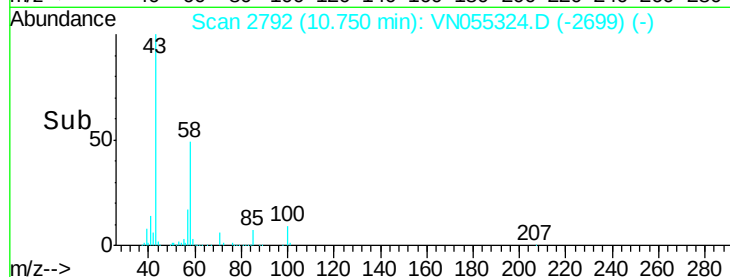
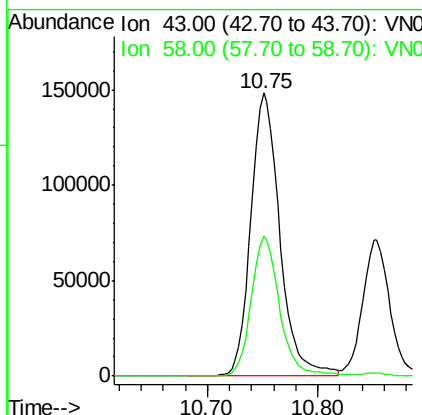
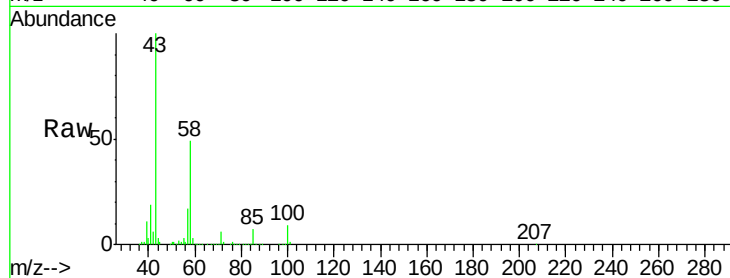




#59  
2-Hexanone  
Concen: 107.824 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

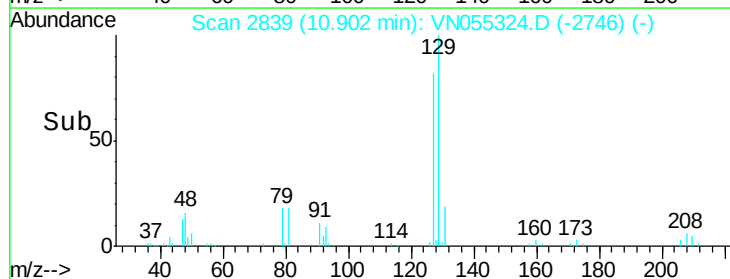
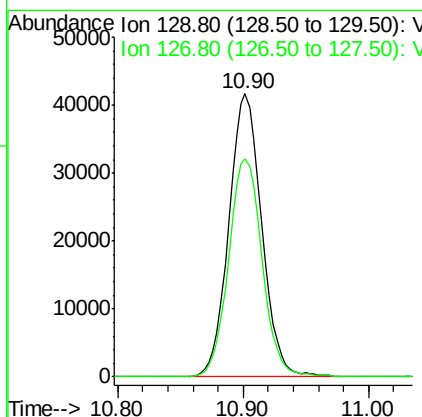
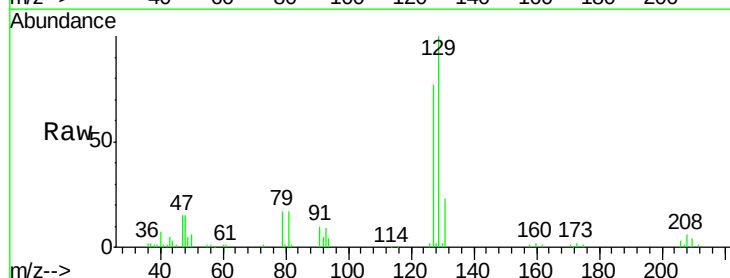
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBSD01

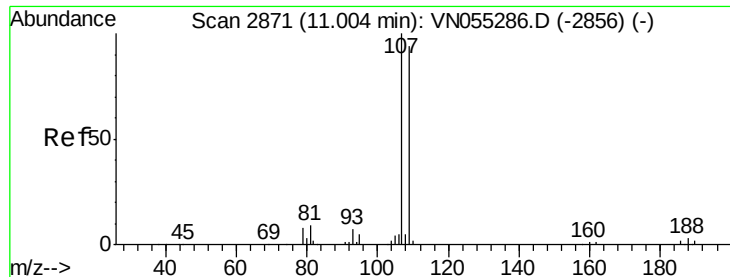
Tot Ion: 43 Resp: 269283  
Ion Ratio Lower Upper  
43 100  
58 48.6 24.9 74.6



#60  
Dibromochloromethane  
Concen: 20.494 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Tgt Ion: 129 Resp: 75728  
Ion Ratio Lower Upper  
129 100  
127 78.6 38.1 114.5





#61

1,2-Dibromoethane

Concen: 20.786 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

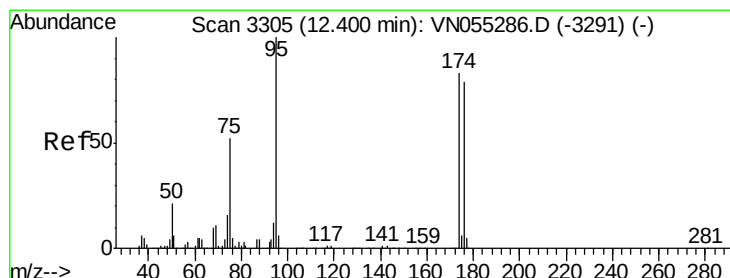
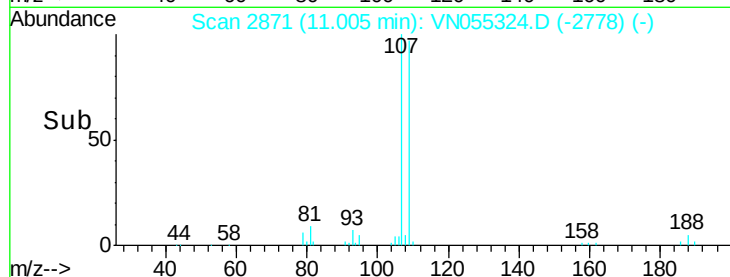
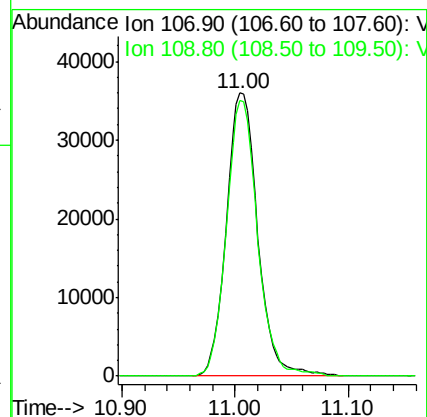
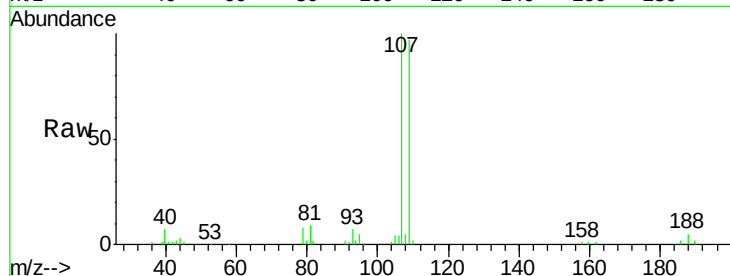
VN0501WBSD01

Tot Ion:107 Resp: 69459

Ion Ratio Lower Upper

107 100

109 96.5 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 51.422 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

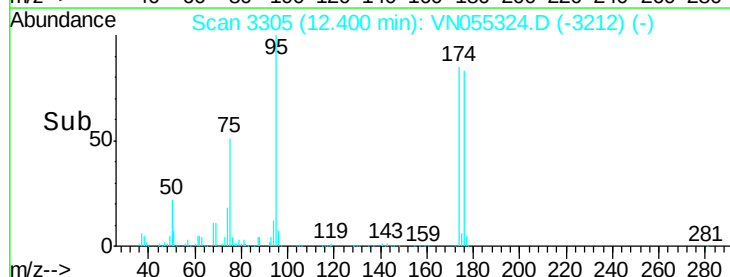
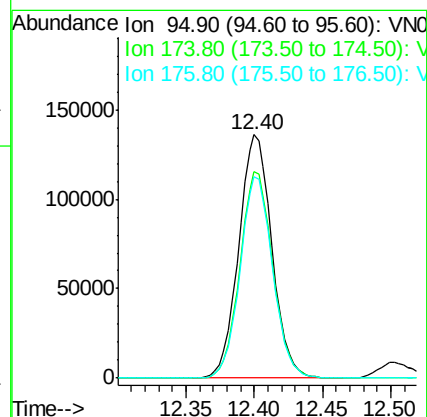
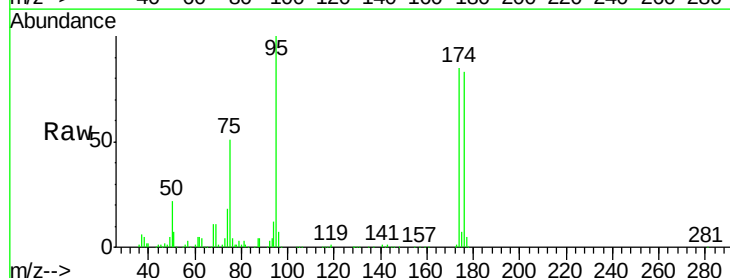
Tgt Ion: 95 Resp: 228897

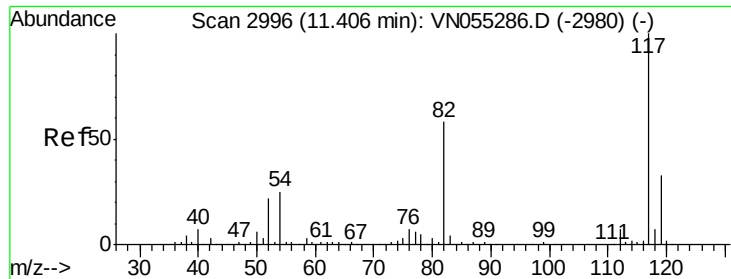
Ion Ratio Lower Upper

95 100

174 83.9 0.0 166.6

176 81.4 0.0 157.8

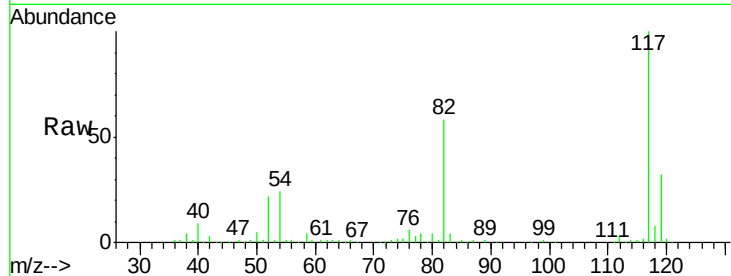




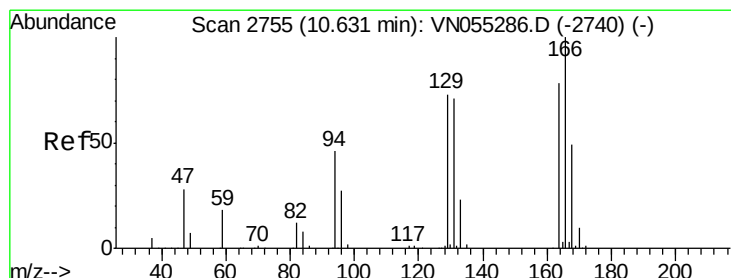
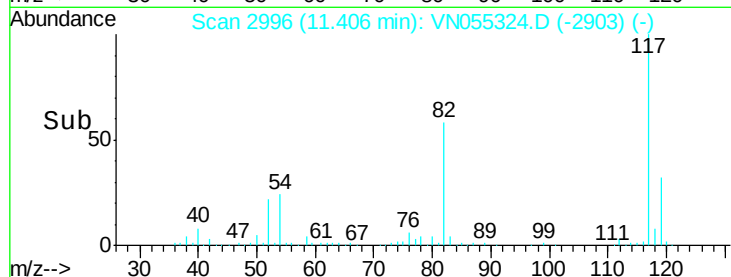
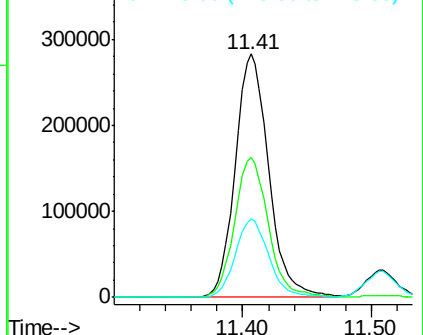
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0501WBSD01

Tot Ion:117 Resp: 510877  
Ion Ratio Lower Upper  
117 100  
82 57.7 46.2 69.4  
119 32.3 26.6 40.0

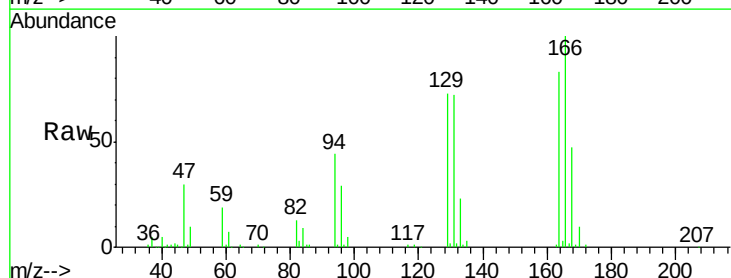


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

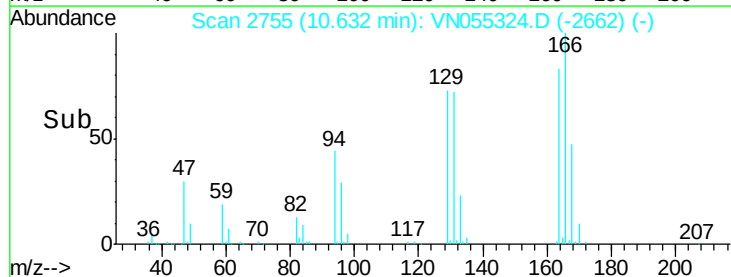
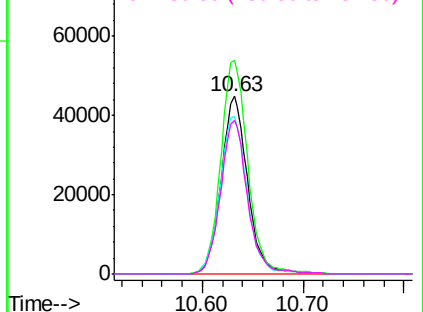


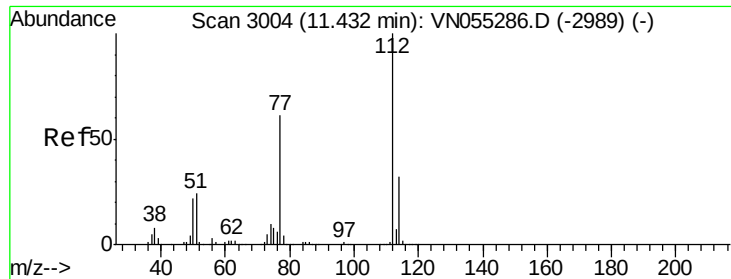
#64  
Tetrachloroethene  
Concen: 19.597 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Tgt Ion:164 Resp: 81872  
Ion Ratio Lower Upper  
164 100  
166 120.4 102.3 153.5  
129 88.5 75.0 112.6  
131 86.5 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: 19.765 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

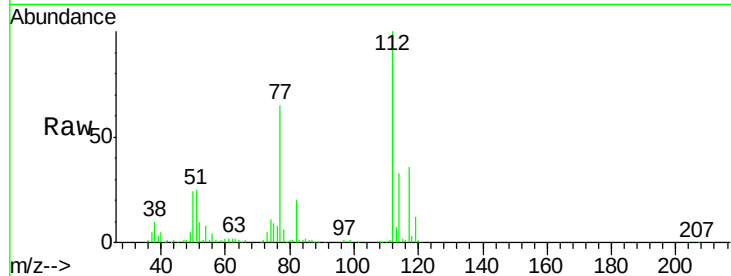
VN0501WBSD01

Tot Ion:112 Resp: 197422

Ion Ratio Lower Upper

112 100

114 33.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

100000

80000

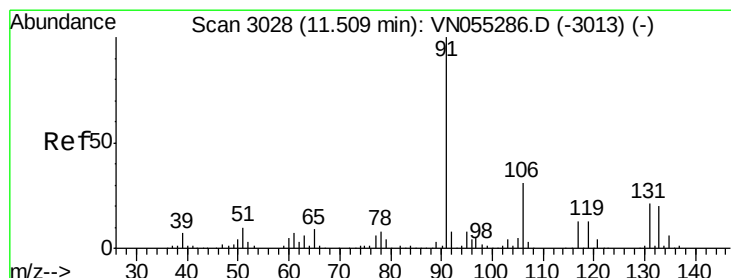
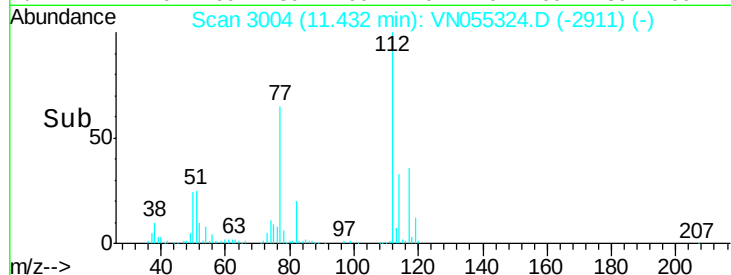
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.979 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

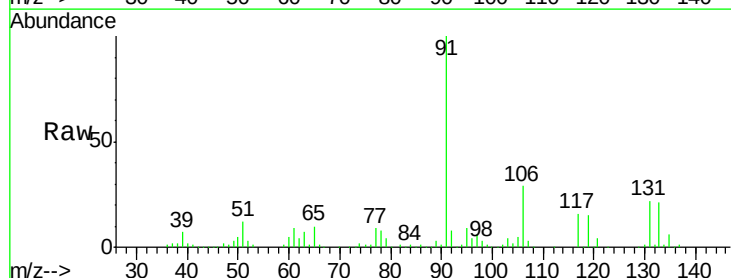
Tgt Ion:131 Resp: 78139

Ion Ratio Lower Upper

131 100

133 93.1 47.5 142.6

119 66.1 32.7 98.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.51

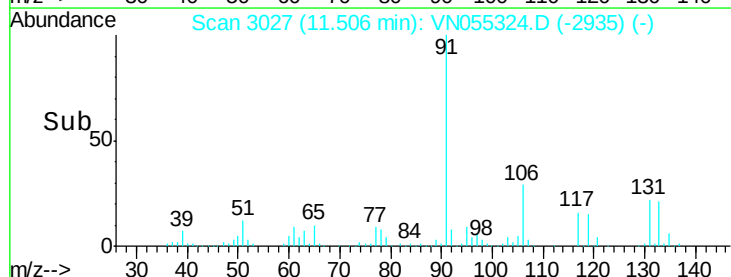
60000

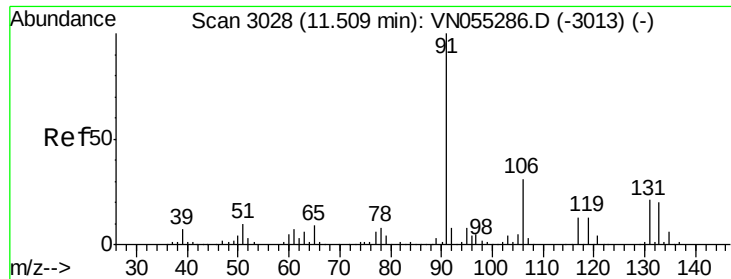
40000

20000

0

Time-->

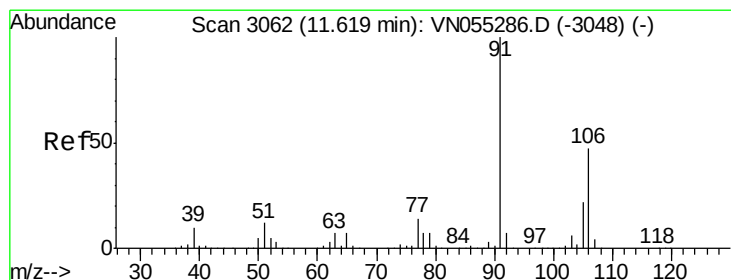
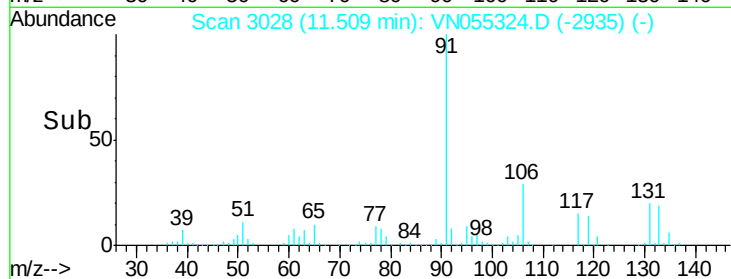
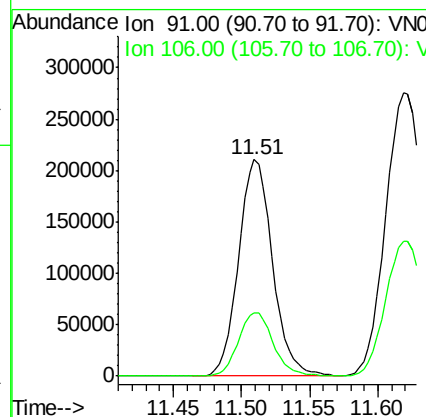
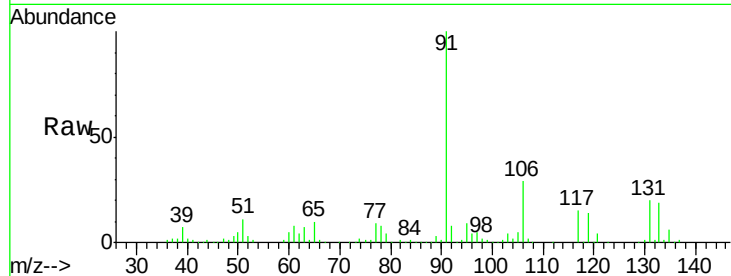




#67  
Ethyl Benzene  
Concen: 20.262 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

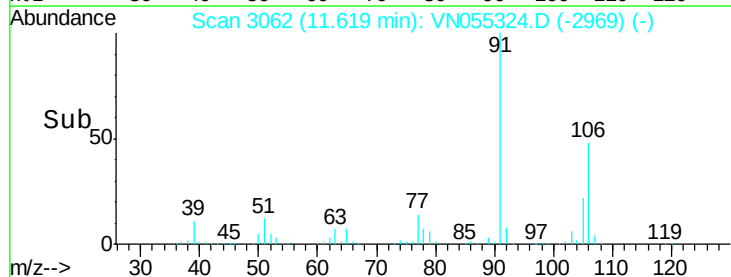
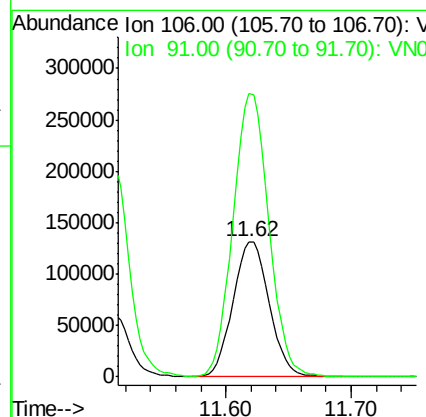
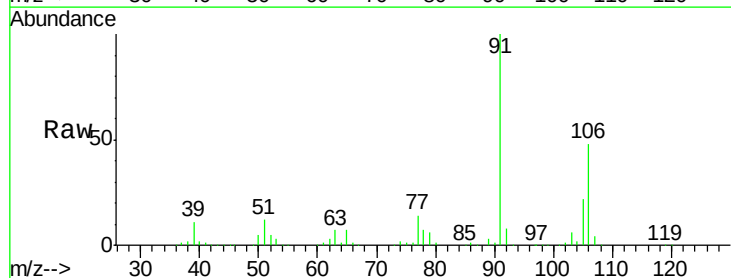
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0501WBSD01

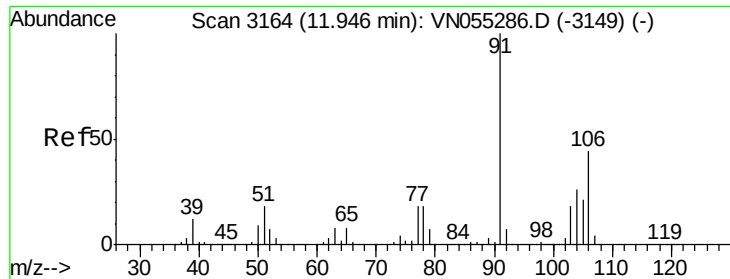
Tot Ion: 91 Resp: 365463  
Ion Ratio Lower Upper  
91 100  
106 29.4 24.6 36.8



#68  
m/p-Xylenes  
Concen: 40.989 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Tgt Ion: 106 Resp: 263892  
Ion Ratio Lower Upper  
106 100  
91 207.1 169.5 254.3

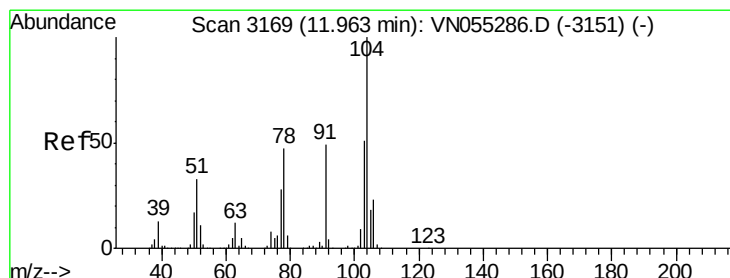
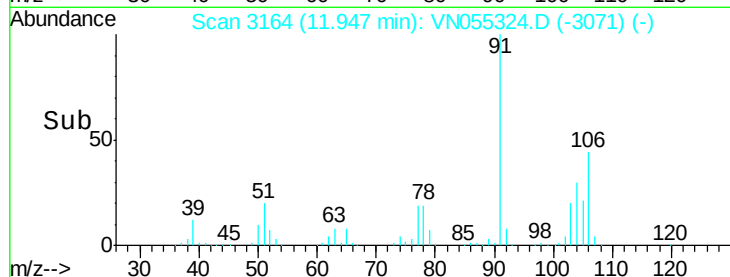
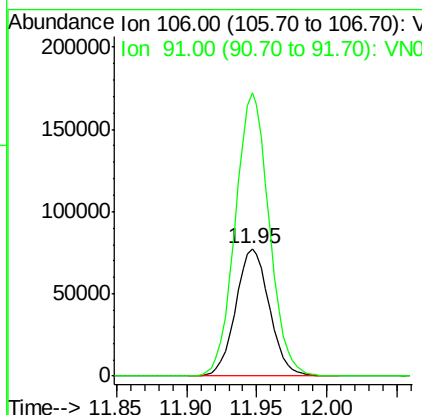
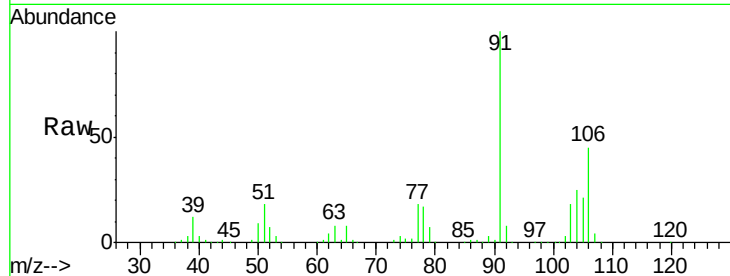




#69  
o-Xylene  
Concen: 20.354 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

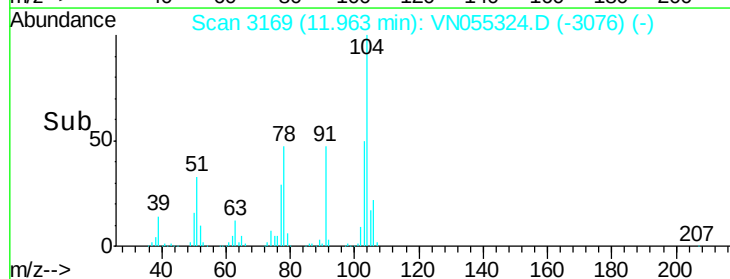
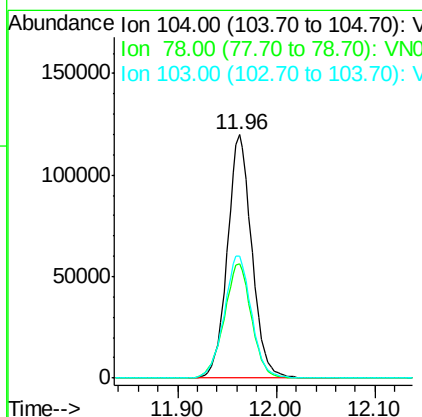
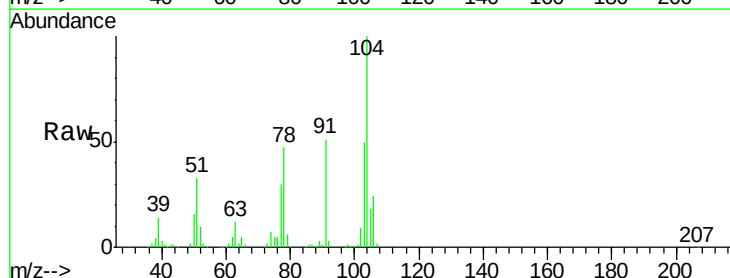
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0501WBSD01

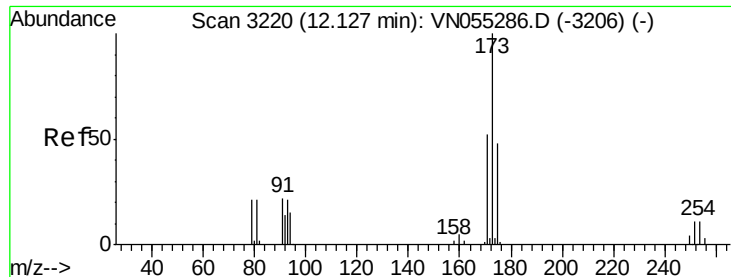
Tot Ion:106 Resp: 129882  
Ion Ratio Lower Upper  
106 100  
91 223.3 111.5 334.5



#70  
Styrene  
Concen: 21.206 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Tgt Ion:104 Resp: 207774  
Ion Ratio Lower Upper  
104 100  
78 52.4 42.2 63.2  
103 55.9 44.6 67.0

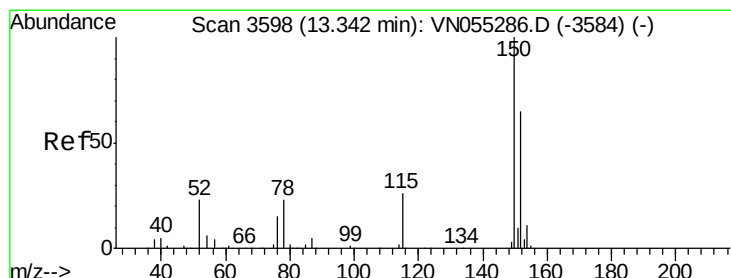
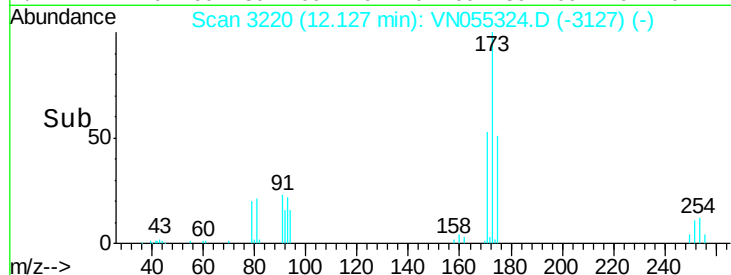
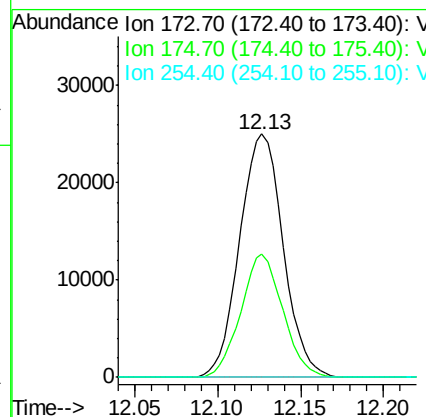
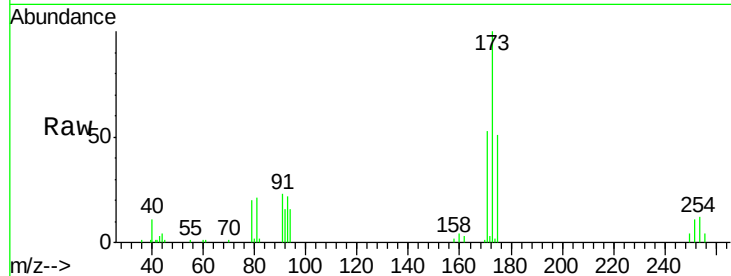




#71  
Bromoform  
Concen: 21.039 ug/l  
RT: 12.13 min Scan# 3220  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

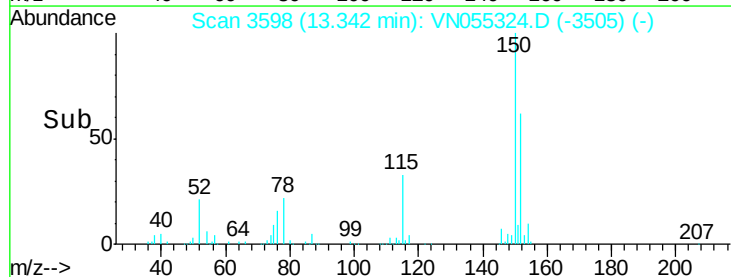
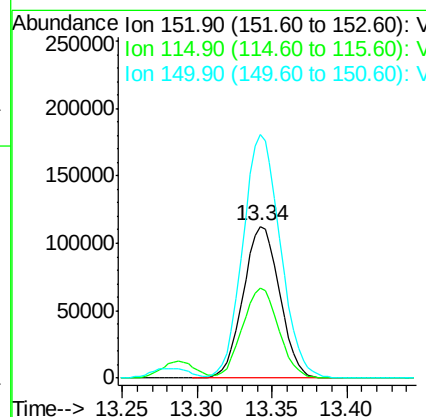
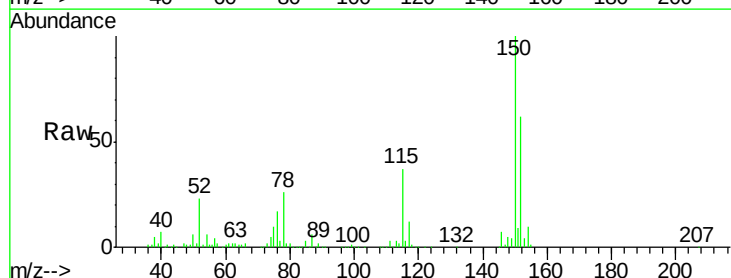
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBSD01

Tot Ion:173 Resp: 45659  
Ion Ratio Lower Upper  
173 100  
175 48.9 23.6 71.0  
254 0.0 0.0 0.0

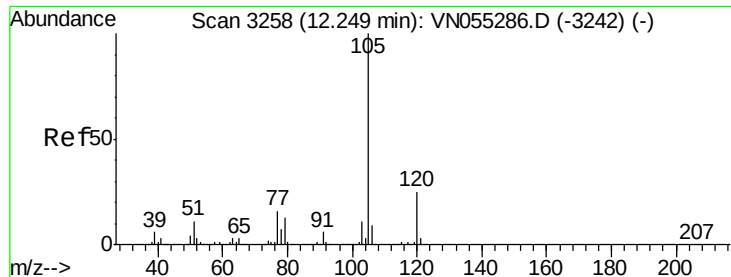


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Tgt Ion:152 Resp: 191267  
Ion Ratio Lower Upper  
152 100  
115 59.0 29.0 87.0  
150 165.1 0.0 345.6







#73

Isopropylbenzene

Concen: 20.962 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

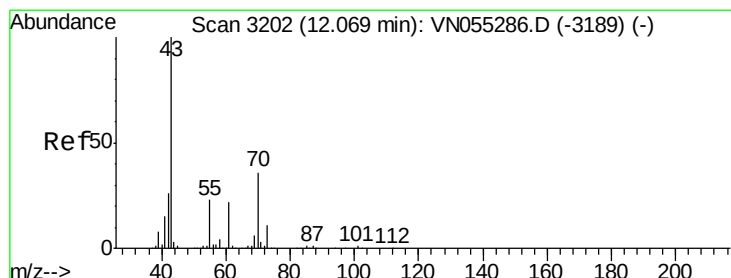
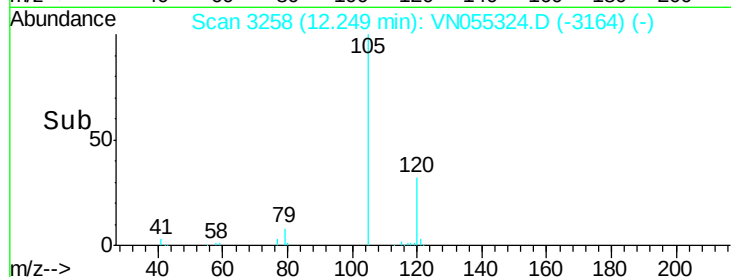
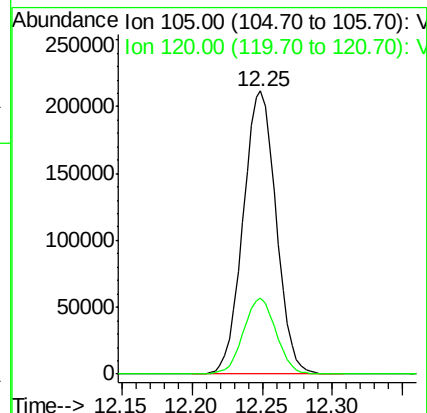
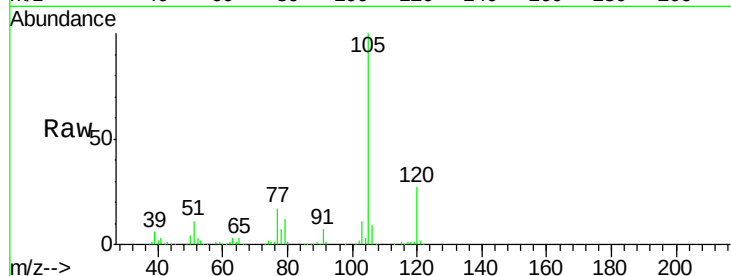
VN0501WBSD01

Tot Ion:105 Resp: 346964

Ion Ratio Lower Upper

105 100

120 26.6 12.9 38.7



#74

N-ethyl acetate

Concen: 20.956 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Tgt Ion: 43 Resp: 102866

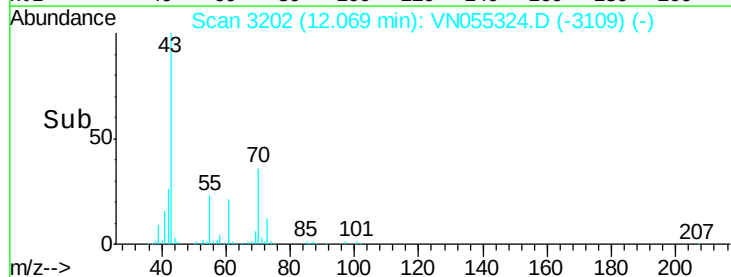
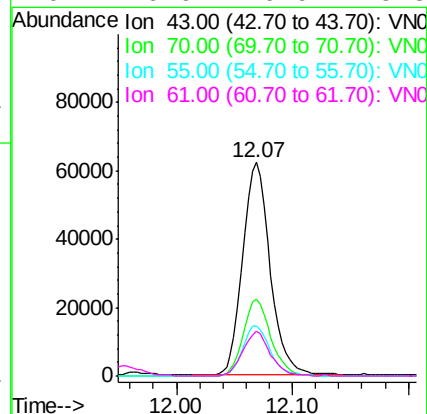
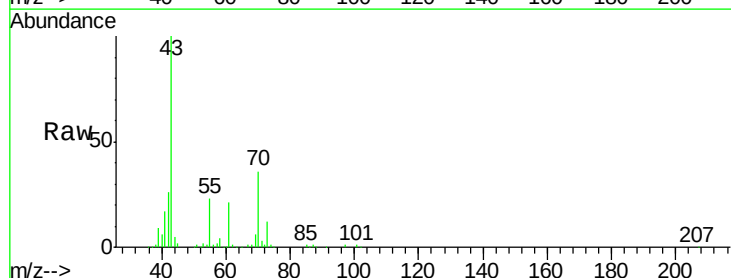
Ion Ratio Lower Upper

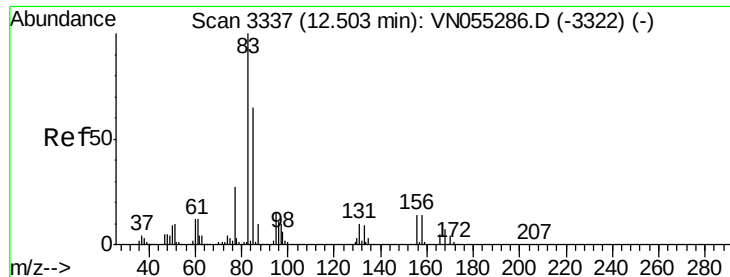
43 100

70 36.0 27.9 41.9

55 23.6 18.2 27.2

61 20.9 16.9 25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.030 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampled :

VN0501WBSD01

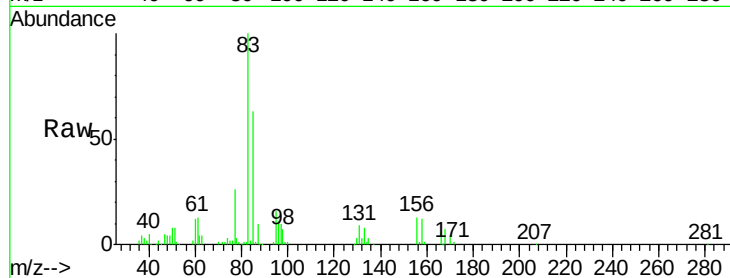
Tot Ion: 83 Resp: 93775

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

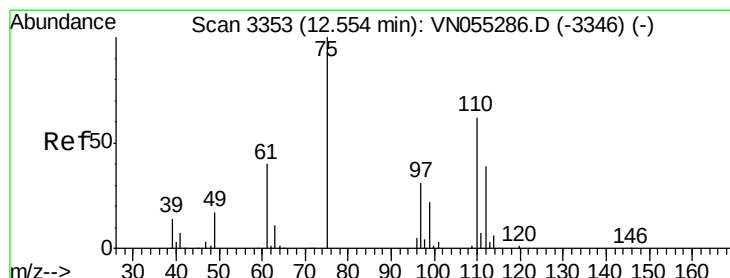
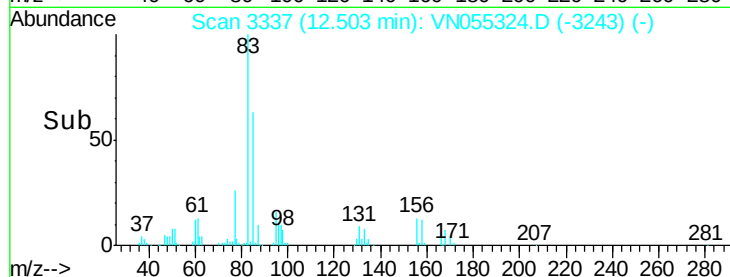
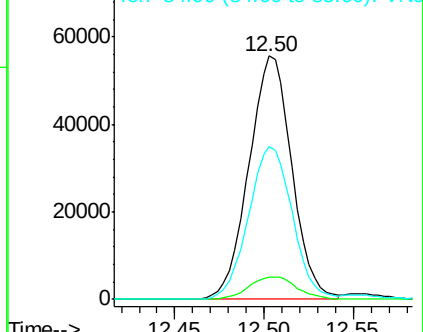
85 63.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN055324.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055324.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055324.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 28.645 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055324.D

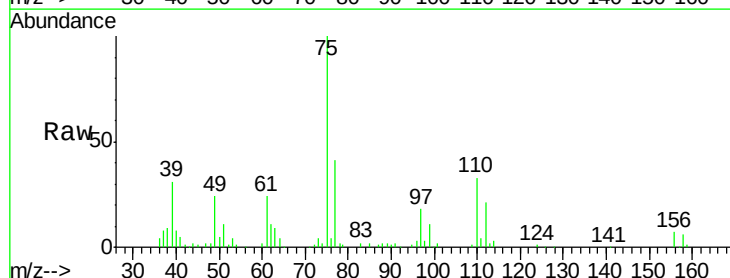
Acq: 1 May 2019 13:02

Tgt Ion: 75 Resp: 105660

Ion Ratio Lower Upper

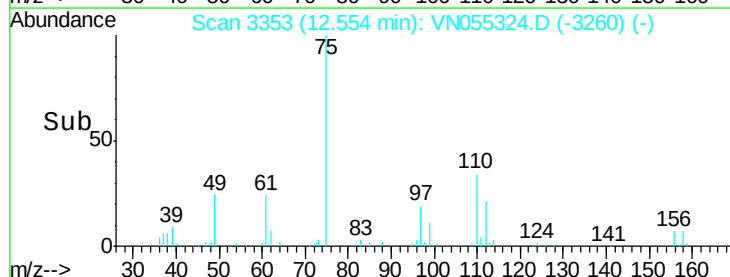
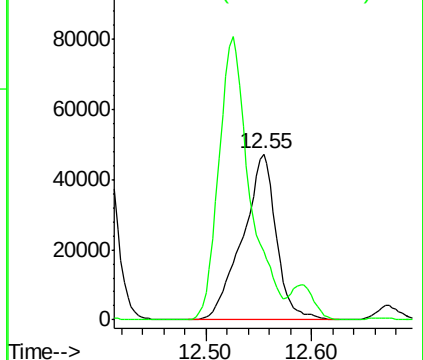
75 100

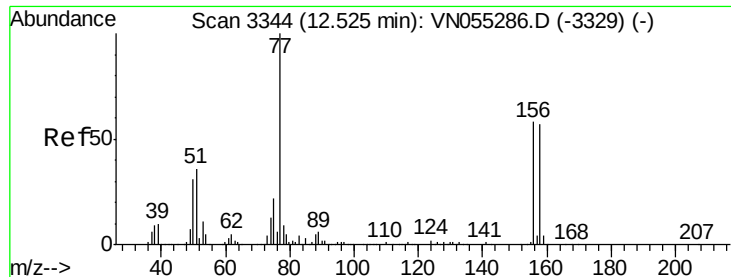
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055324.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055324.D (-3260) (-)





#77

Bromobenzene

Concen: 21.334 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampled :

VN0501WBSD01

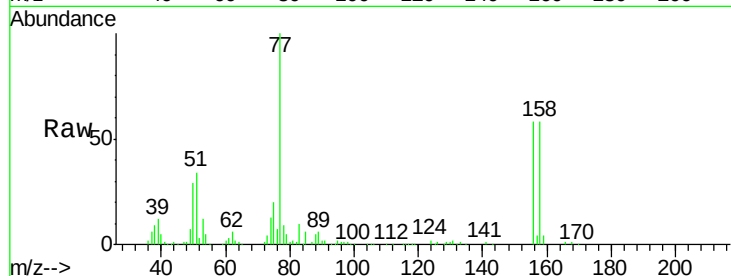
Tot Ion:156 Resp: 82455

Ion Ratio Lower Upper

156 100

77 200.7 99.6 298.8

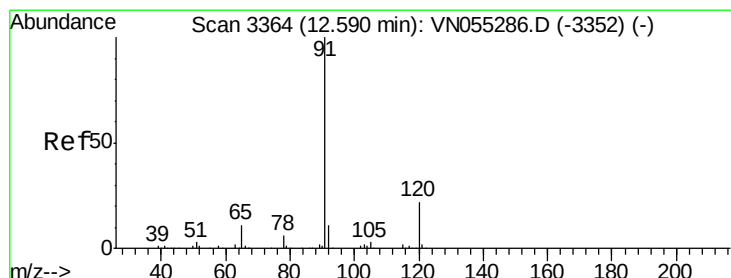
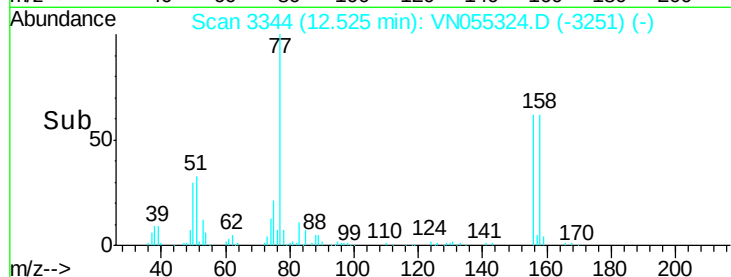
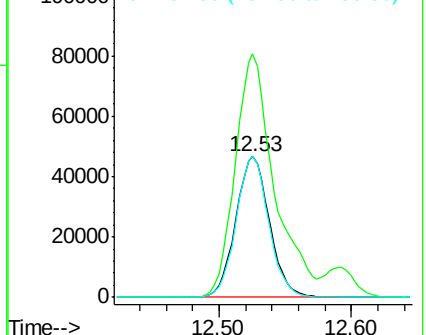
158 96.4 49.3 147.8



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: 19.139 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055324.D

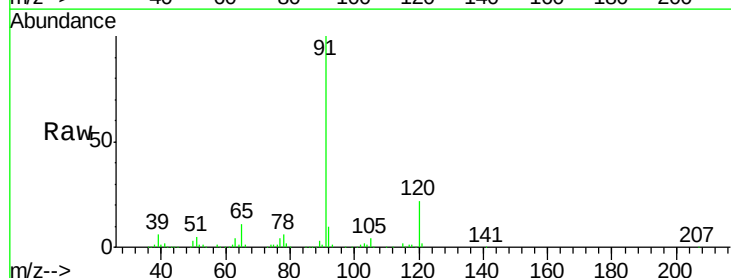
Acq: 1 May 2019 13:02

Tgt Ion: 91 Resp: 376030

Ion Ratio Lower Upper

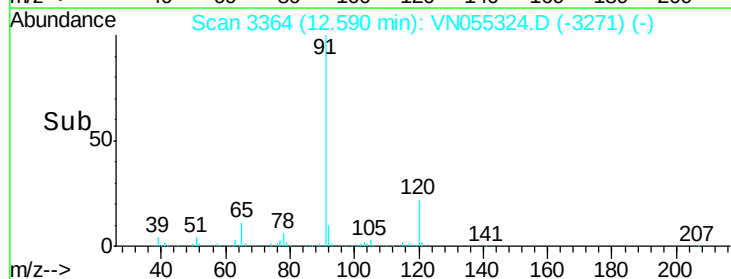
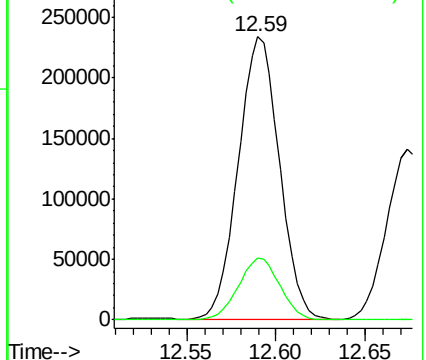
91 100

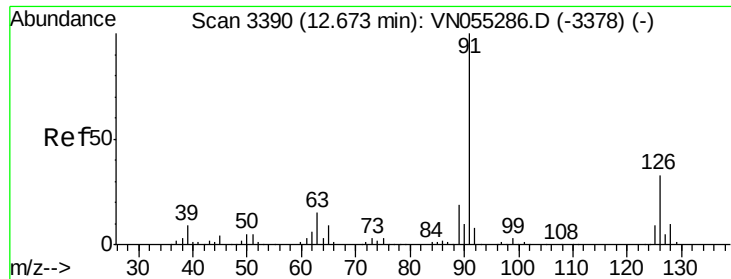
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.015 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

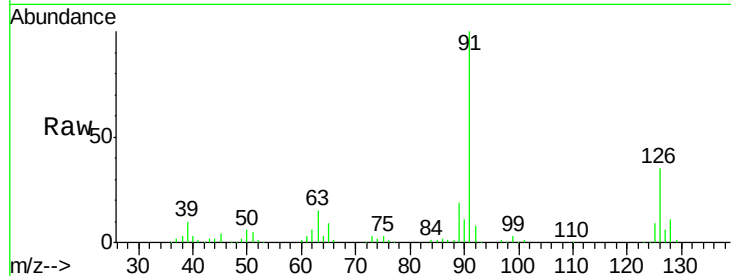
VN0501WBSD01

Tot Ion: 91 Resp: 233838

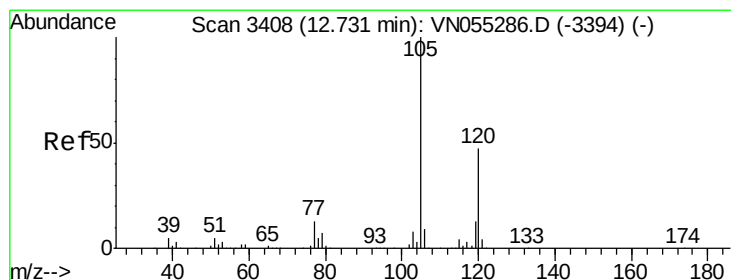
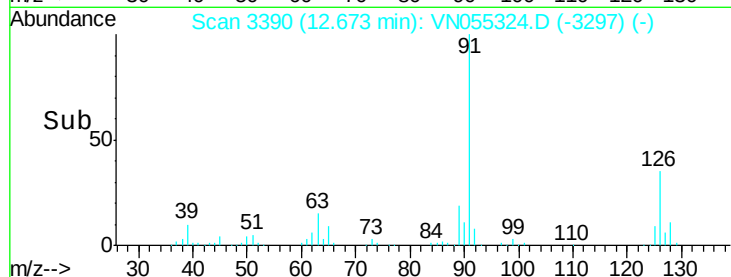
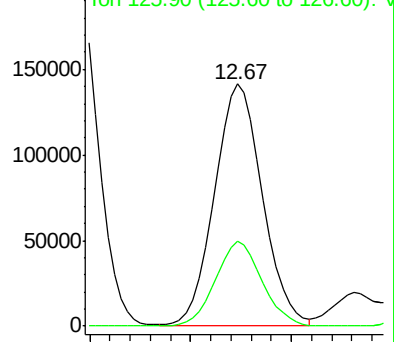
Ion Ratio Lower Upper

91 100

126 34.3 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN055324.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.106 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055324.D

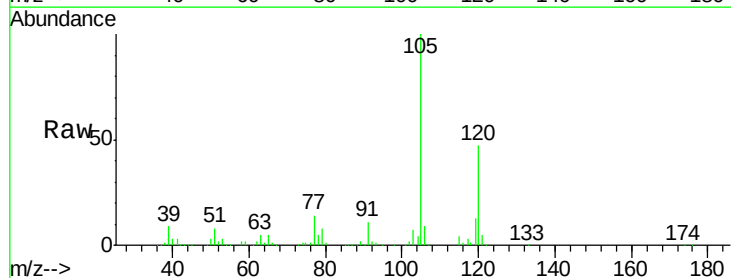
Acq: 1 May 2019 13:02

Tgt Ion: 105 Resp: 286486

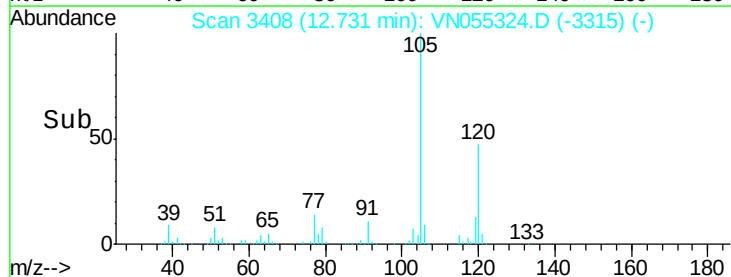
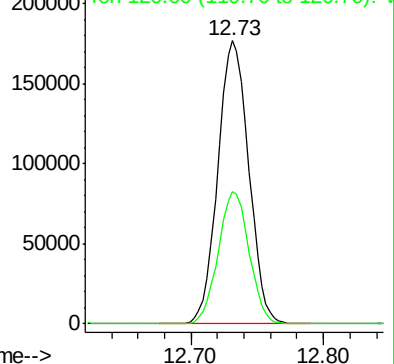
Ion Ratio Lower Upper

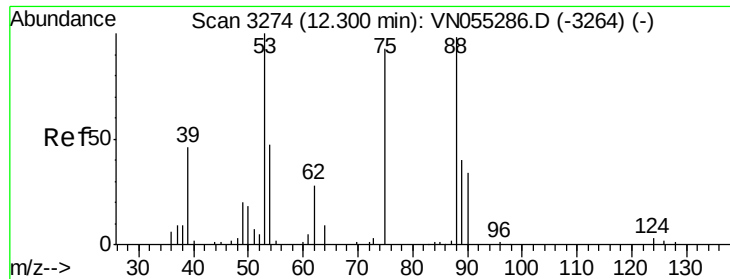
105 100

120 46.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055324.D (-3394) (-)

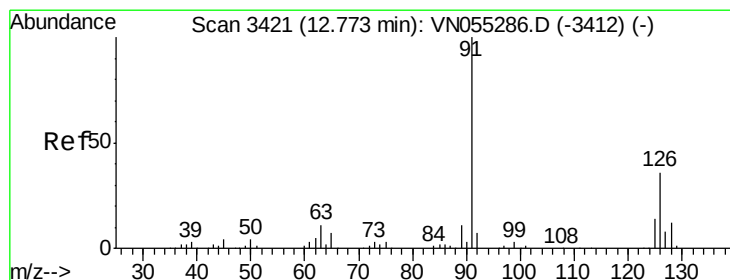
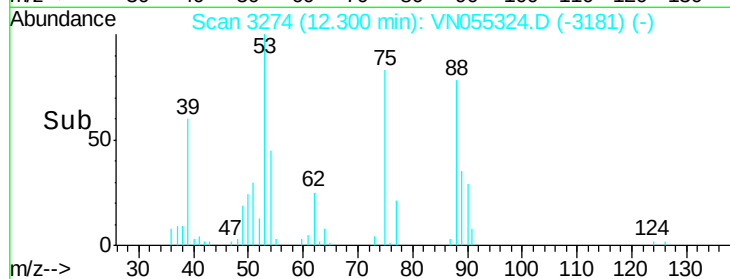
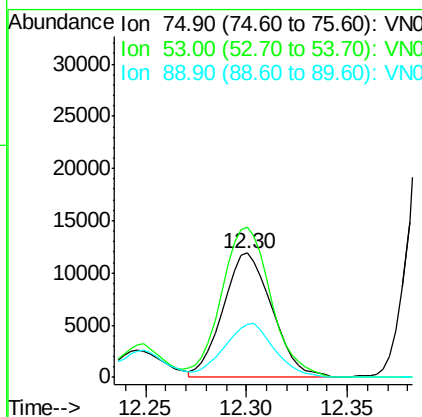
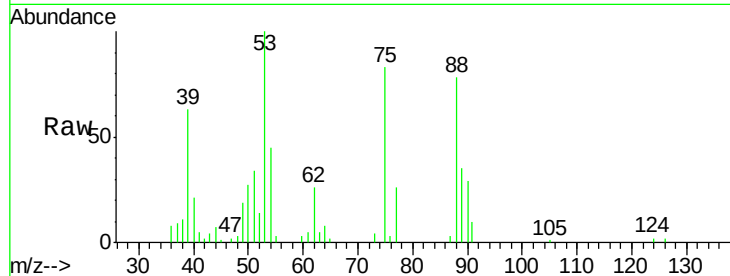




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.100 ug/l  
RT: 12.30 min Scan# 3274  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

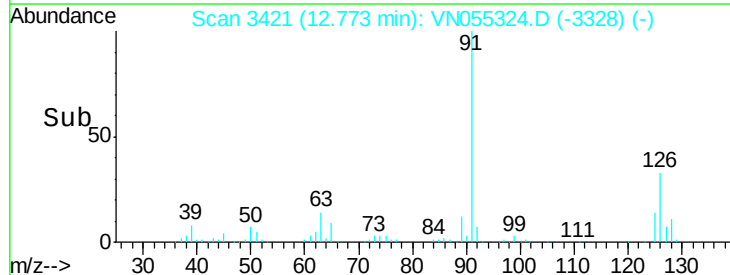
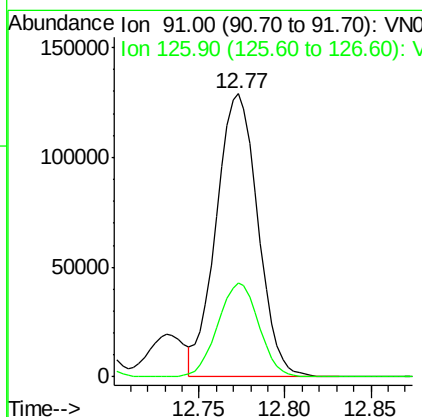
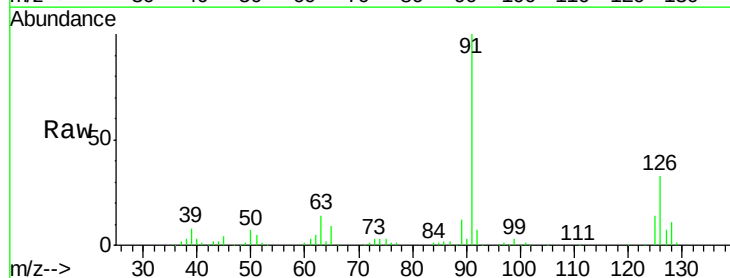
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBSD01

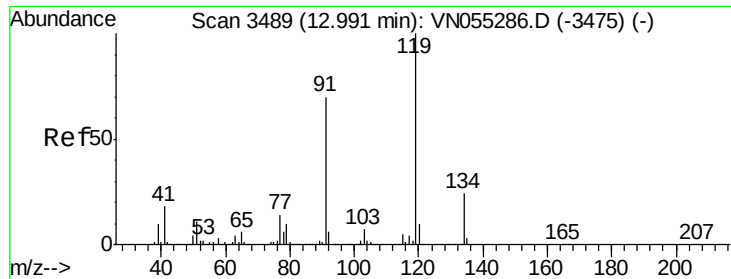
Tot Ion: 75 Resp: 20287  
Ion Ratio Lower Upper  
75 100  
53 122.1 86.3 129.5  
89 44.4 34.6 51.8



#82  
4-Chlorotoluene  
Concen: 19.015 ug/l  
RT: 12.77 min Scan# 3421  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Tgt Ion: 91 Resp: 217219  
Ion Ratio Lower Upper  
91 100  
126 32.7 16.6 49.7

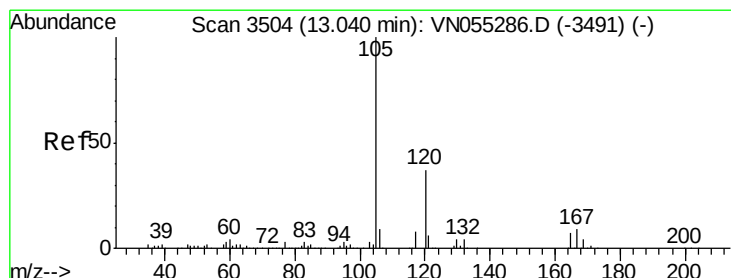
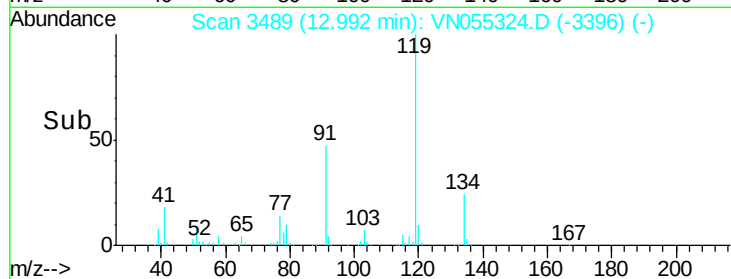
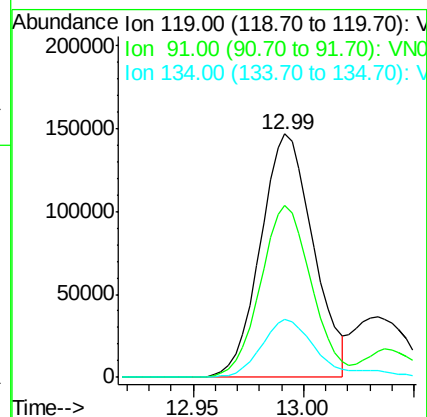
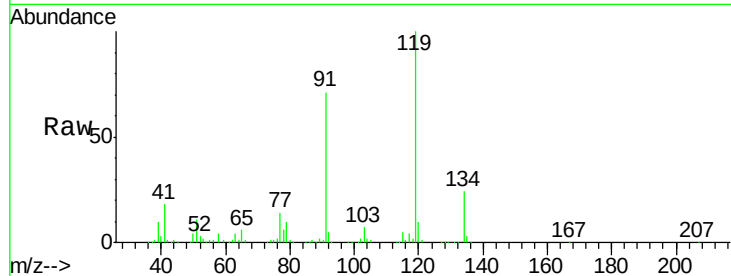




#83  
 tert-Butylbenzene  
 Concen: 21.263 ug/l  
 RT: 12.99 min Scan# 3489  
 Delta R.T. 0.00 min  
 Lab File: VN055324.D  
 Acq: 1 May 2019 13:02

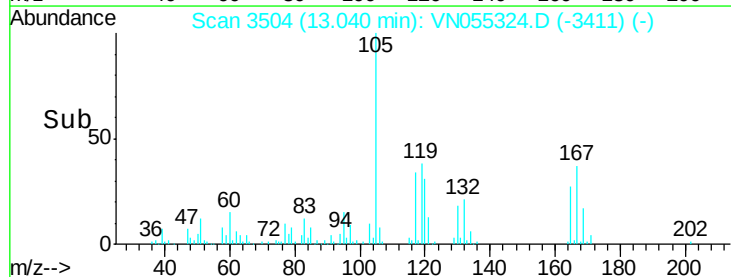
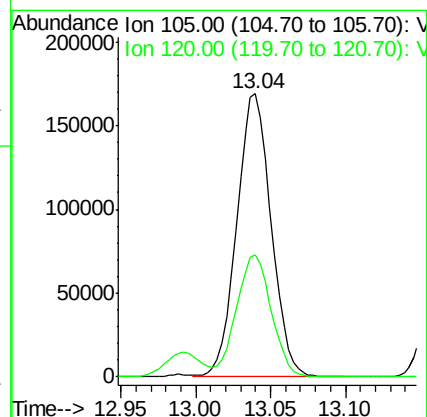
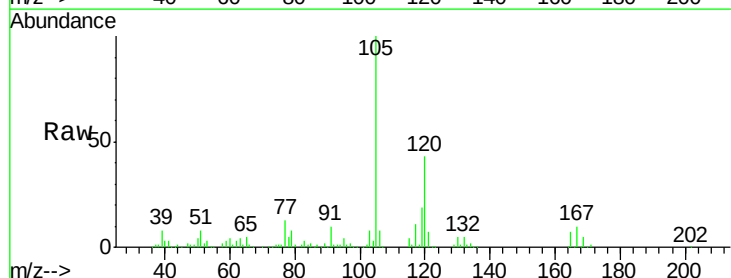
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBSD01

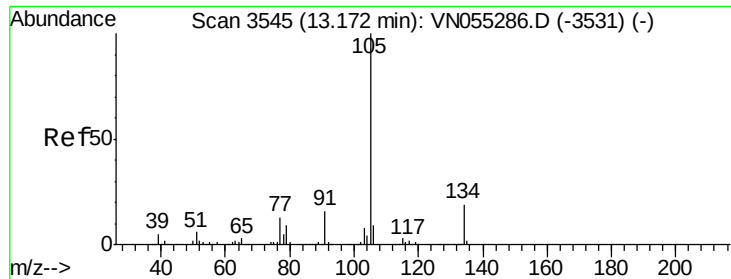
Tot Ion:119 Resp: 243430  
 Ion Ratio Lower Upper  
 119 100  
 91 68.3 34.3 102.9  
 134 25.7 13.1 39.3



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.059 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN055324.D  
 Acq: 1 May 2019 13:02

Tgt Ion:105 Resp: 269001  
 Ion Ratio Lower Upper  
 105 100  
 120 44.0 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.206 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

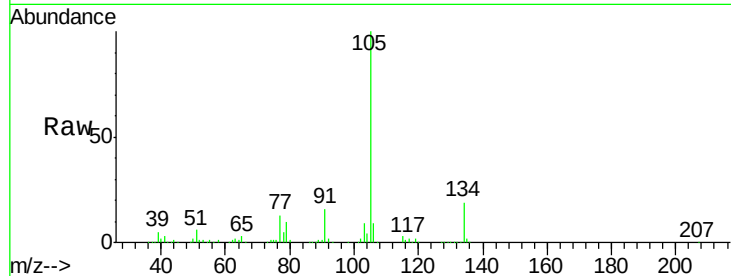
VN0501WBSD01

Tot Ion:105 Resp: 313012

Ion Ratio Lower Upper

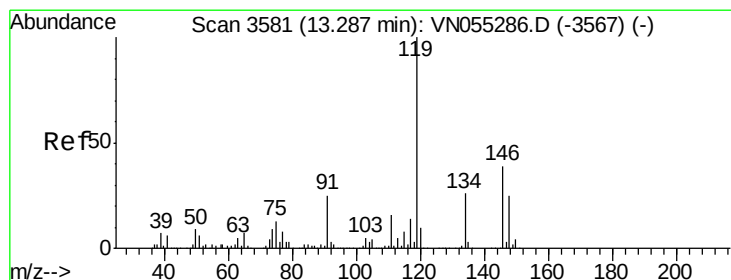
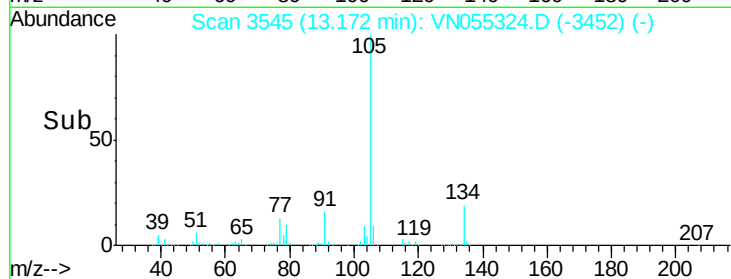
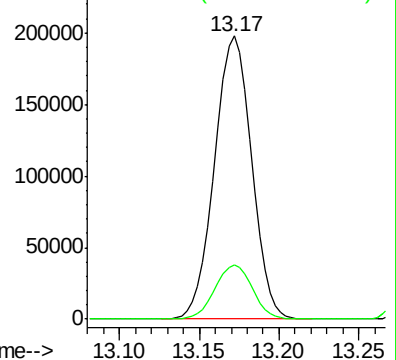
105 100

134 19.5 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: 19.459 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

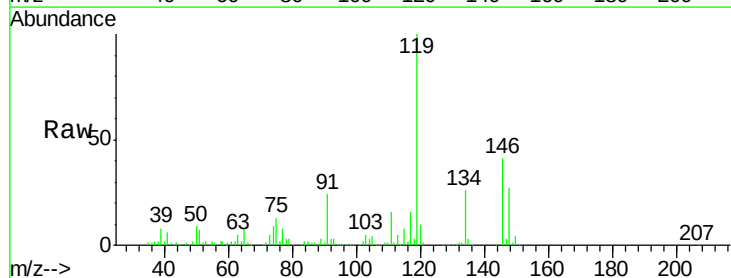
Tgt Ion:119 Resp: 260662

Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

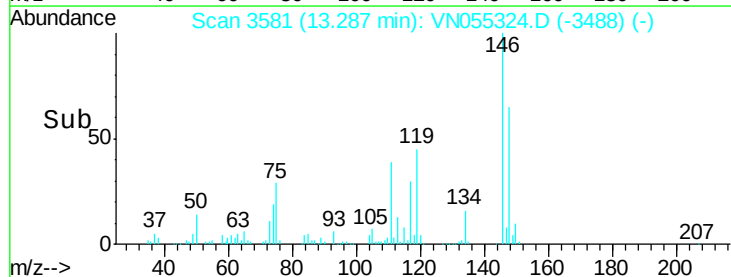
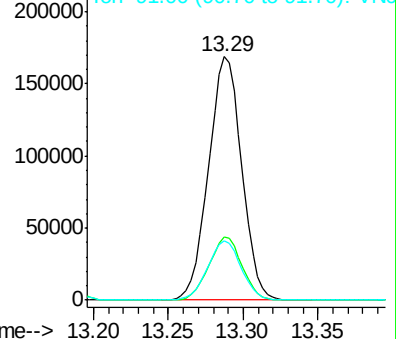
91 24.7 12.2 36.6

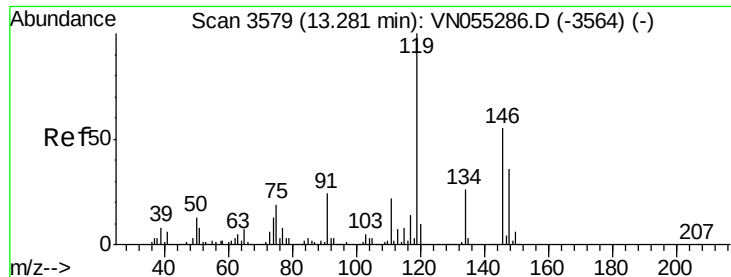


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.811 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBSD01

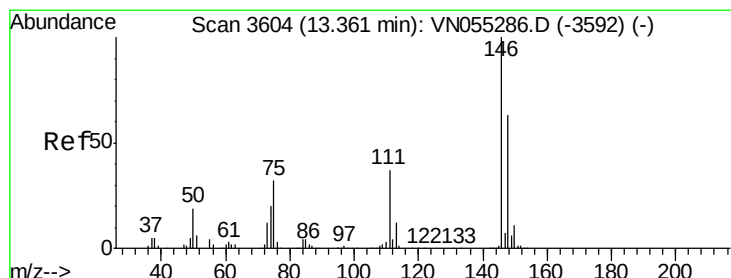
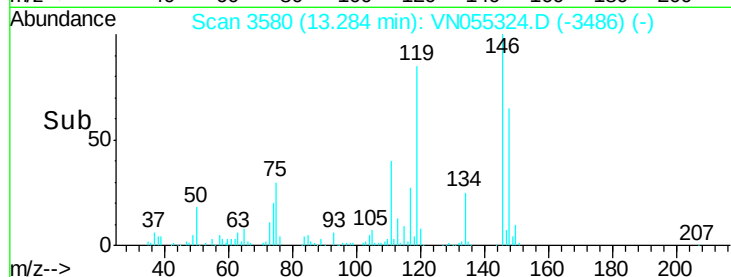
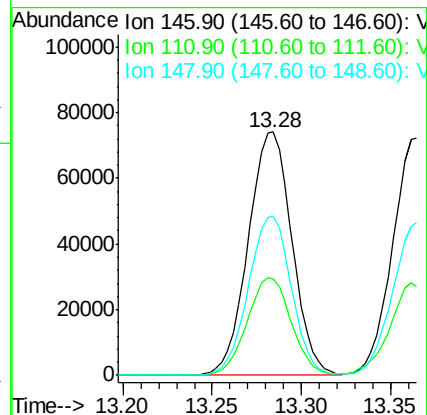
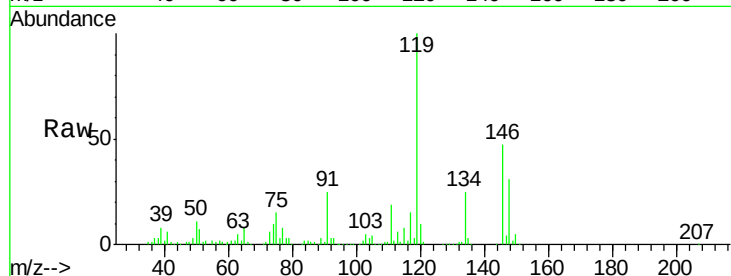
Tot Ion:146 Resp: 126796

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.8

148 64.2 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 19.898 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

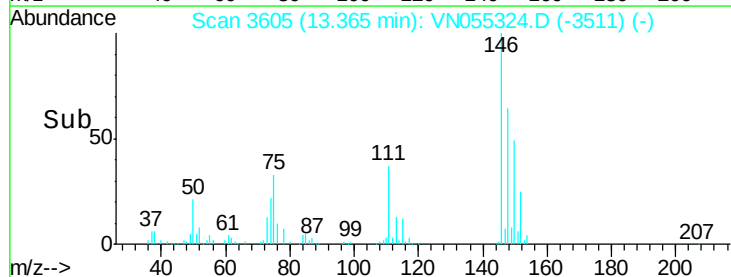
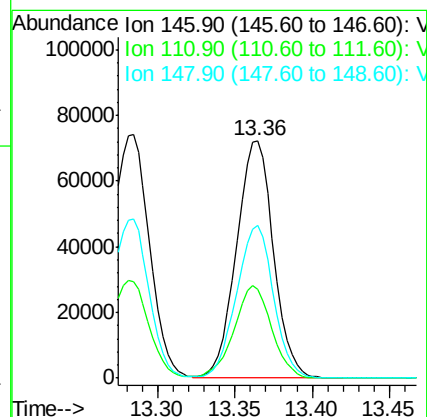
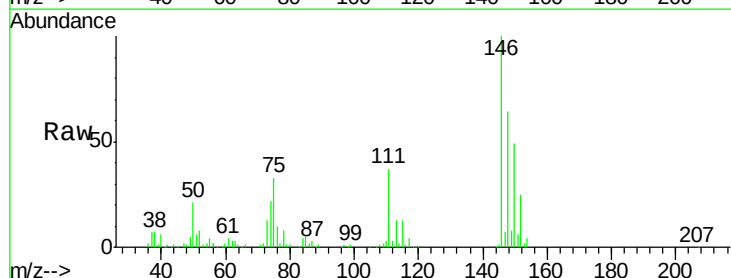
Tgt Ion:146 Resp: 119931

Ion Ratio Lower Upper

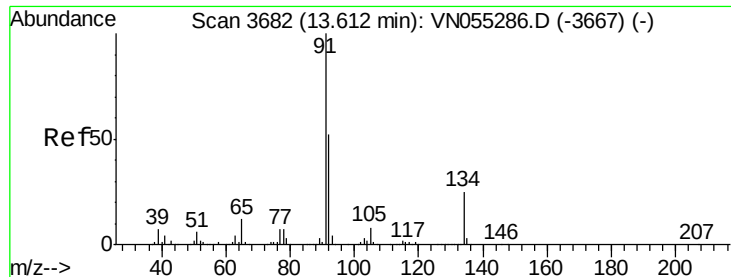
146 100

111 39.6 19.5 58.5

148 64.5 32.5 97.4



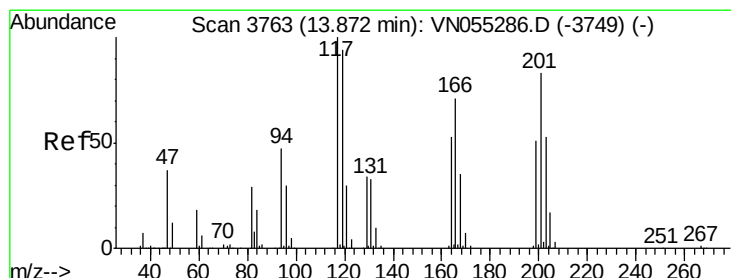
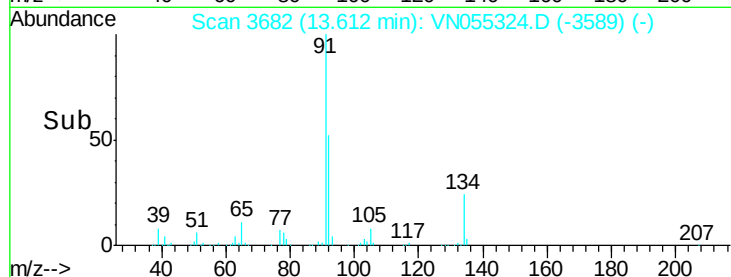
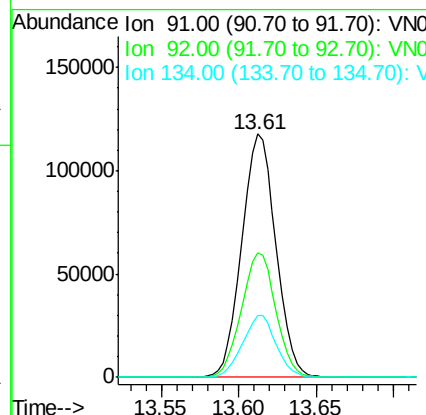
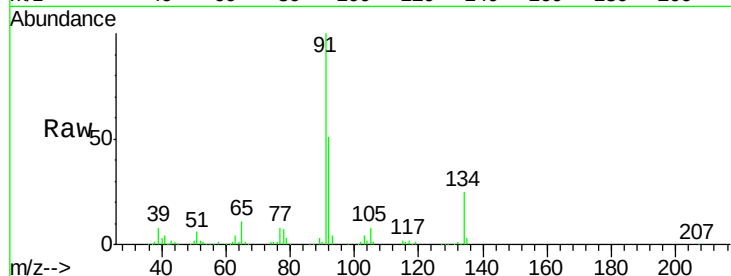




#89  
n-Butylbenzene  
Concen: 18.948 ug/l  
RT: 13.61 min Scan# 3682  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

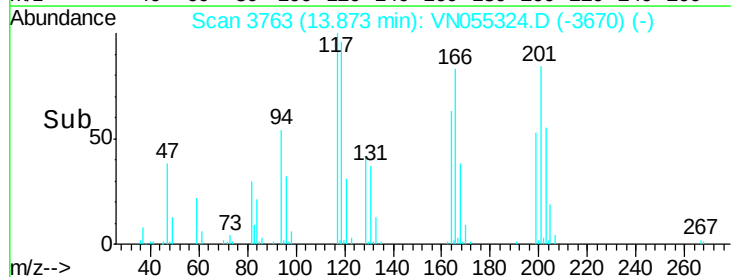
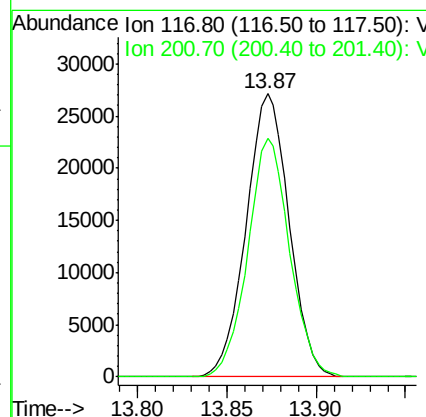
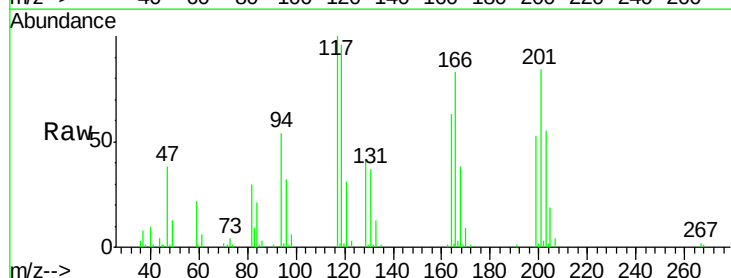
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0501WBSD01

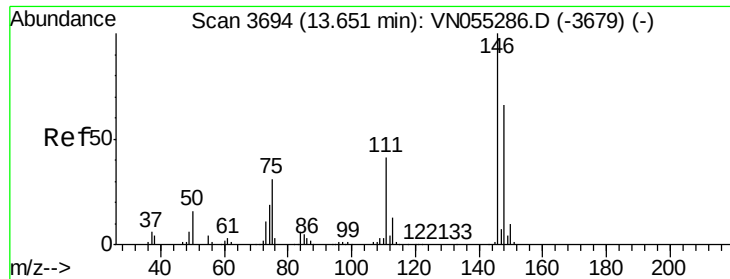
Tot Ion: 91 Resp: 180362  
Ion Ratio Lower Upper  
91 100  
92 51.5 26.1 78.3  
134 25.1 12.4 37.4



#90  
Hexachloroethane  
Concen: 20.583 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. 0.00 min  
Lab File: VN055324.D  
Acq: 1 May 2019 13:02

Tgt Ion: 117 Resp: 45622  
Ion Ratio Lower Upper  
117 100  
201 82.1 41.9 125.8

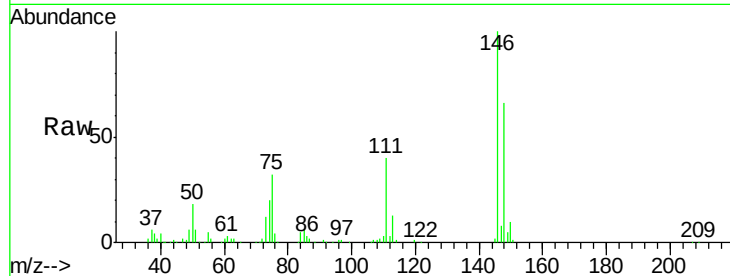




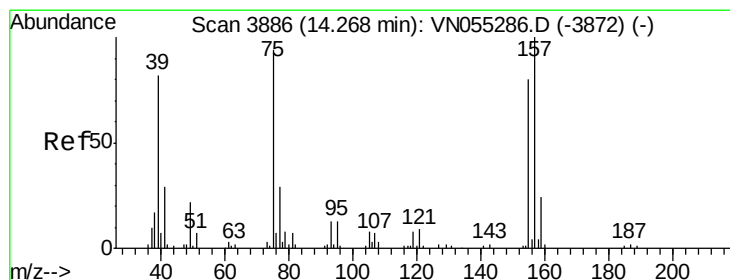
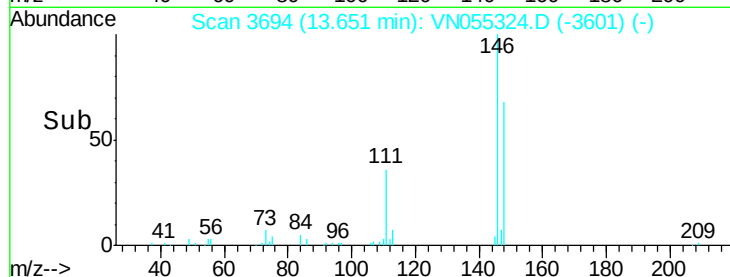
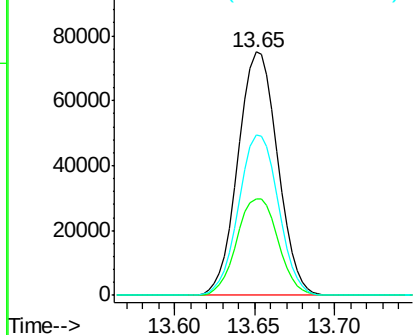
#91  
 1,2-Dichlorobenzene  
 Concen: 20.017 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. 0.00 min  
 Lab File: VN055324.D  
 Acq: 1 May 2019 13:02

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.3  | 20.3  | 61.0  |
| 148     | 66.0  | 32.4  | 97.2  |

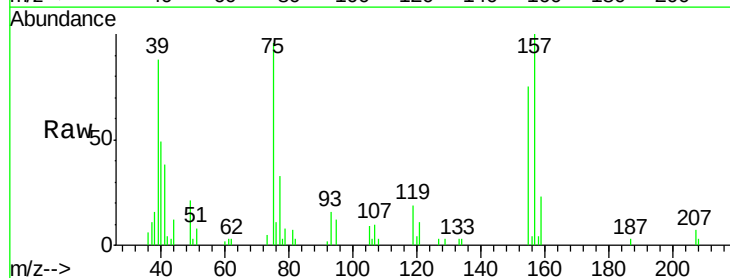


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

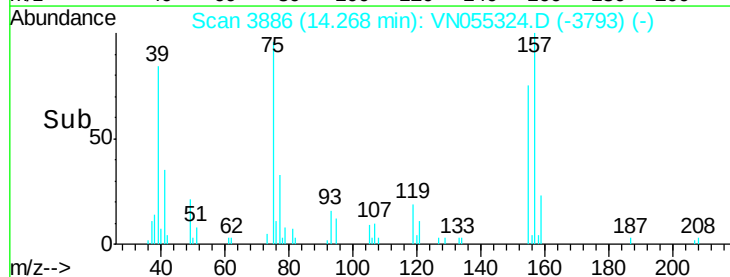
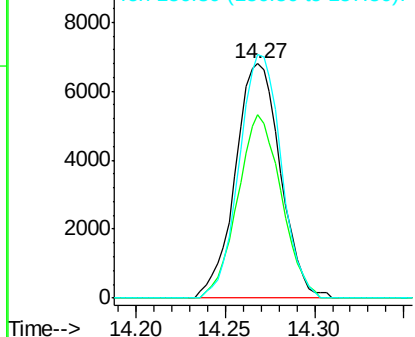


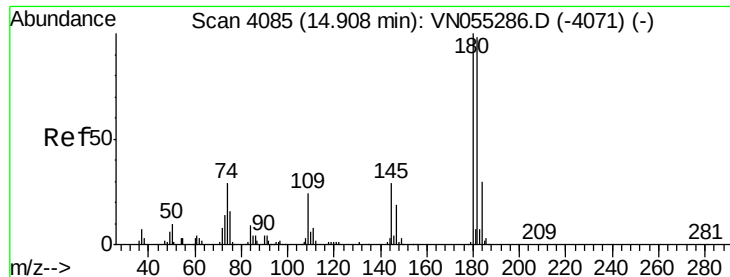
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 23.760 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. 0.00 min  
 Lab File: VN055324.D  
 Acq: 1 May 2019 13:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 75.5  | 41.5  | 124.6 |
| 157     | 96.8  | 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

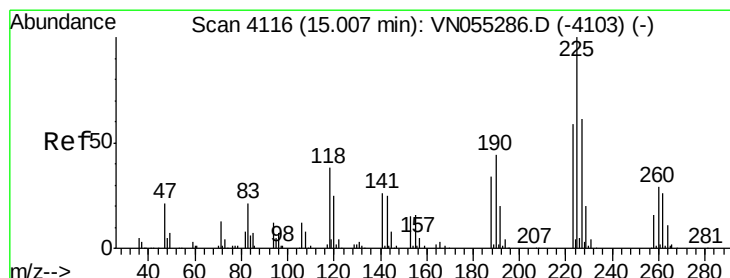
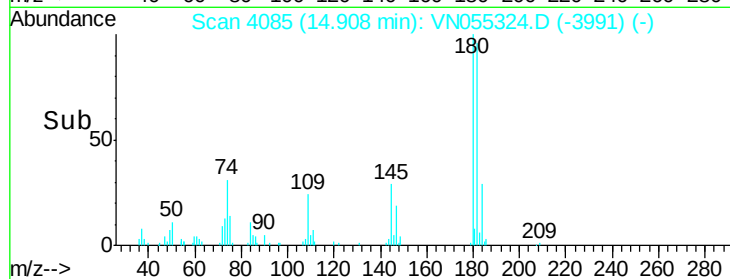
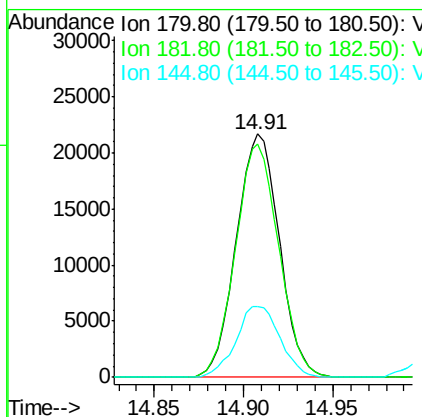
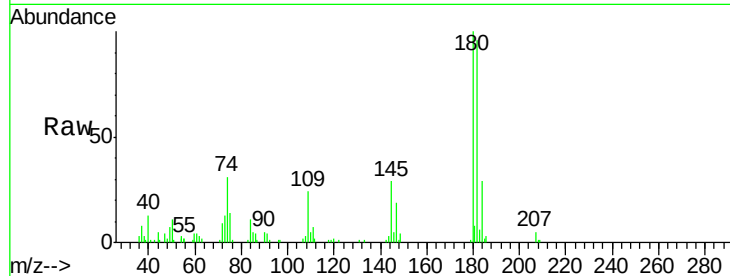




#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.948 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN055324.D  
 Acq: 1 May 2019 13:02

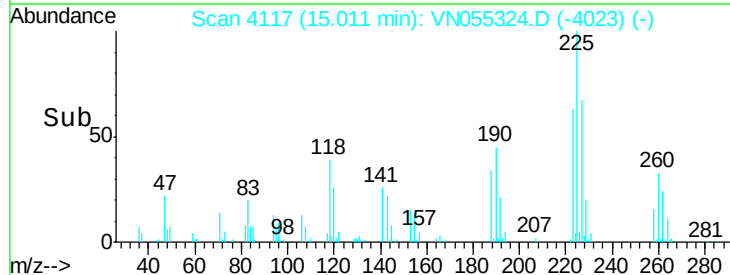
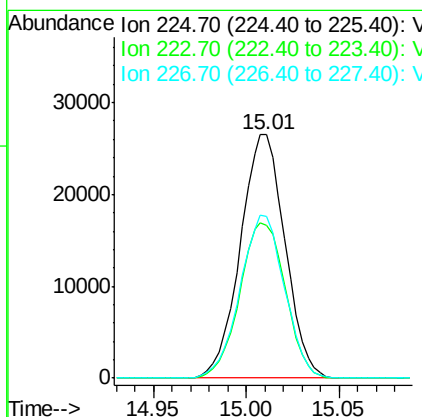
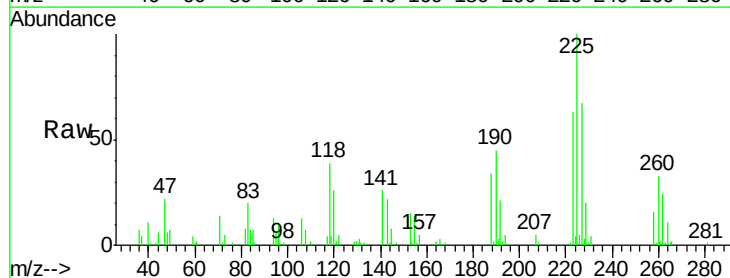
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0501WBSD01

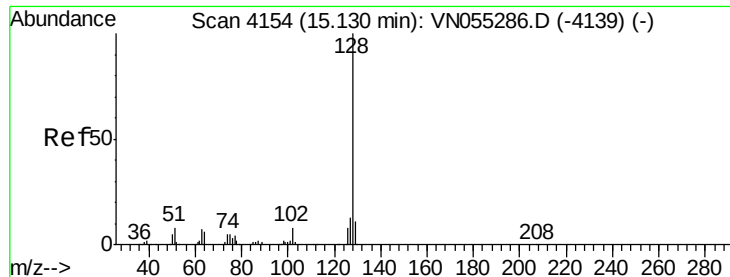
Tot Ion:180 Resp: 36524  
 Ion Ratio Lower Upper  
 180 100  
 182 96.5 48.3 144.9  
 145 29.8 14.2 42.6



#94  
 Hexachlorobutadiene  
 Concen: 21.614 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN055324.D  
 Acq: 1 May 2019 13:02

Tgt Ion:225 Resp: 44290  
 Ion Ratio Lower Upper  
 225 100  
 223 65.0 30.3 90.8  
 227 66.5 30.9 92.7





#95

Naphthalene

Concen: 16.882 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

Instrument :

MSVOA\_N

ClientSampleId :

VN0501WBSD01

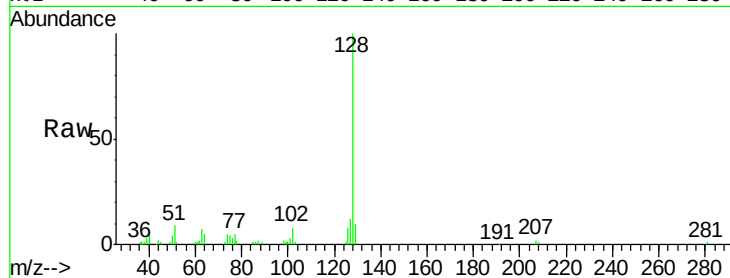
Tot Ion:128 Resp: 77197

Ion Ratio Lower Upper

128 100

127 12.2 10.7 16.1

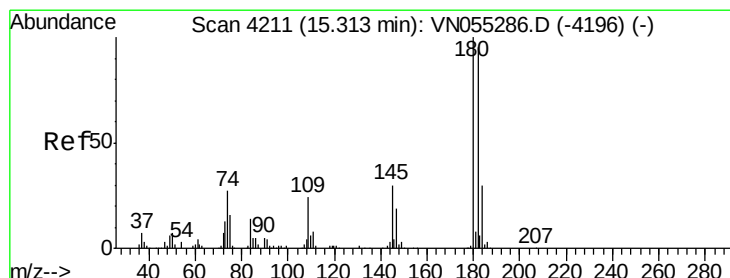
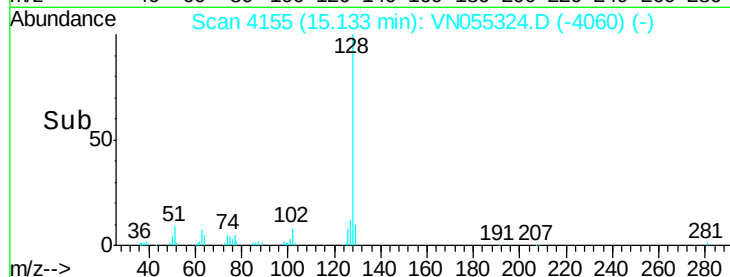
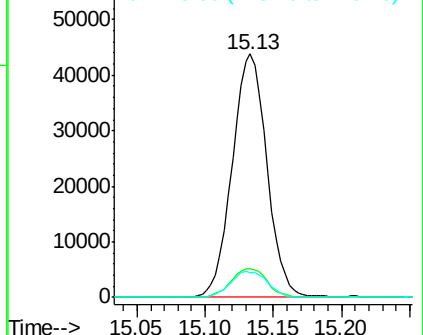
129 11.2 8.6 13.0



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: 18.739 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055324.D

Acq: 1 May 2019 13:02

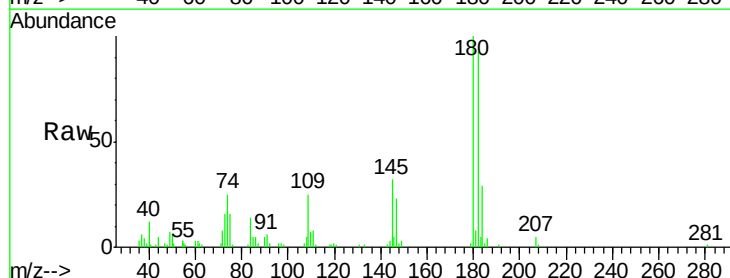
Tgt Ion:180 Resp: 41906

Ion Ratio Lower Upper

180 100

182 92.5 48.3 144.9

145 30.0 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

