

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\  
 Data File : VN056765.D  
 Acq On : 16 Jul 2019 13:49  
 Operator : JC/SP  
 Sample : VN0716WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0716WBSD01

Quant Time: Jul 17 01:08:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 16 07:03:34 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 306335   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 474996   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 418520   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 176347   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 174770   | 51.58 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 103.16% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 152559   | 51.61 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 103.22% |          |
| 50) Toluene-d8              | 10.09 | 98   | 589284   | 51.62 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 103.24% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 190696   | 49.53 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 99.06%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 53825    | 18.712  | ug/l  | 100    |
| 3) Chloromethane              | 2.06 | 50   | 73492    | 19.004  | ug/l  | 99     |
| 4) Vinyl Chloride             | 2.18 | 62   | 71948    | 19.319  | ug/l  | 97     |
| 5) Bromomethane               | 2.55 | 94   | 44224    | 20.194  | ug/l  | 99     |
| 6) Chloroethane               | 2.70 | 64   | 41380    | 19.068  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 3.01 | 101  | 93107    | 19.484  | ug/l  | 100    |
| 8) Diethyl Ether              | 3.41 | 74   | 37180    | 19.956  | ug/l  | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101  | 55994    | 19.504  | ug/l  | 98     |
| 10) Methyl Iodide             | 3.95 | 142  | 72587    | 18.903  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 4.79 | 59   | 59809    | 106.042 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 3.73 | 96   | 56301    | 19.551  | ug/l  | 96     |
| 13) Acrolein                  | 3.61 | 56   | 19996    | 110.040 | ug/l  | 97     |
| 14) Allyl chloride            | 4.32 | 41   | 95230    | 19.122  | ug/l  | 99     |
| 15) Acrylonitrile             | 4.99 | 53   | 170038   | 104.395 | ug/l  | 98     |
| 16) Acetone                   | 3.82 | 43   | 131902   | 84.471  | ug/l  | 100    |
| 17) Carbon Disulfide          | 4.05 | 76   | 137211   | 18.031  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.33 | 43   | 76099    | 21.137  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 180959   | 19.722  | ug/l  | 99     |
| 20) Methylene Chloride        | 4.55 | 84   | 67098    | 19.663  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96   | 60256    | 19.795  | ug/l  | 97     |
| 22) Diisopropyl ether         | 5.95 | 45   | 200110   | 20.357  | ug/l  | 97     |
| 23) Vinyl Acetate             | 5.90 | 43   | 813959   | 102.183 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 113684   | 19.947  | ug/l  | 99     |
| 25) 2-Butanone                | 6.84 | 43   | 218784   | 95.835  | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 6.83 | 77   | 75278    | 18.319  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 71211    | 20.331  | ug/l  | 99     |
| 28) Bromochloromethane        | 7.20 | 49   | 55490    | 20.708  | ug/l  | 100    |
| 29) Tetrahydrofuran           | 7.21 | 42   | 153243   | 102.918 | ug/l  | 98     |
| 30) Chloroform                | 7.37 | 83   | 112946   | 19.804  | ug/l  | 99     |
| 31) Cyclohexane               | 7.65 | 56   | 109404   | 20.197  | ug/l  | 96     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 90305    | 20.022  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 82900    | 18.861  | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.93 | 43   | 87889    | 20.288  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 78185    | 18.968  | ug/l  | 99     |

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 Acq On : 16 Jul 2019 13:49  
 Operator : JC/SP  
 Sample : VN0716WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN0716WBSD01

Quant Time: Jul 17 01:08:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 16 07:03:34 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 101925   | 18.780  | ug/l   | 99       |
| 40) Benzene                    | 8.04  | 78   | 262806   | 19.514  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.21  | 41   | 130161   | 68.401  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 85365    | 20.055  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 137872   | 20.244  | ug/l   | 99       |
| 44) Trichloroethene            | 8.84  | 130  | 71169    | 19.460  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 72257    | 20.191  | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 44745    | 20.176  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 83377    | 19.785  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 66089    | 20.066  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 28496    | 421.653 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 447931   | 101.548 | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 160986   | 20.128  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 83836    | 19.068  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 98123    | 19.232  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 66231    | 19.743  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 98515    | 20.409  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 110732   | 20.210  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 228484   | 98.435  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 314675   | 99.421  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.90 | 129  | 64937    | 19.682  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 67936    | 20.377  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.63 | 164  | 72424    | 20.058  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.43 | 112  | 171192   | 20.005  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 62936    | 19.974  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.51 | 91   | 296288   | 19.701  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 225037   | 40.038  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 107407   | 19.438  | ug/l   | 96       |
| 70) Styrene                    | 11.96 | 104  | 180021   | 20.151  | ug/l   | 100      |
| 71) Bromoform                  | 12.12 | 173  | 46301    | 19.313  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.25 | 105  | 285294   | 20.064  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 104520   | 19.737  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 94241    | 21.792  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 111382   | 28.878  | ug/l # | 100      |
| 77) Bromobenzene               | 12.52 | 156  | 73954    | 19.885  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 307839   | 19.501  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 195048   | 21.422  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 241573   | 20.046  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 22912    | 18.346  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 180778   | 19.514  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 207030   | 21.206  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 239288   | 20.325  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 268675   | 20.064  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 241401   | 19.900  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 119449   | 19.598  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 115364   | 19.459  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.61 | 91   | 184283   | 18.859  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 37039    | 18.881  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 122454   | 19.644  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 15595    | 20.453  | ug/l   | 97       |

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Acq On : 16 Jul 2019 13:49  
Operator : JC/SP  
Sample : VN0716WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0716WBSD01

Quant Time: Jul 17 01:08:27 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 16 07:03:34 2019  
Response via : Initial Calibration

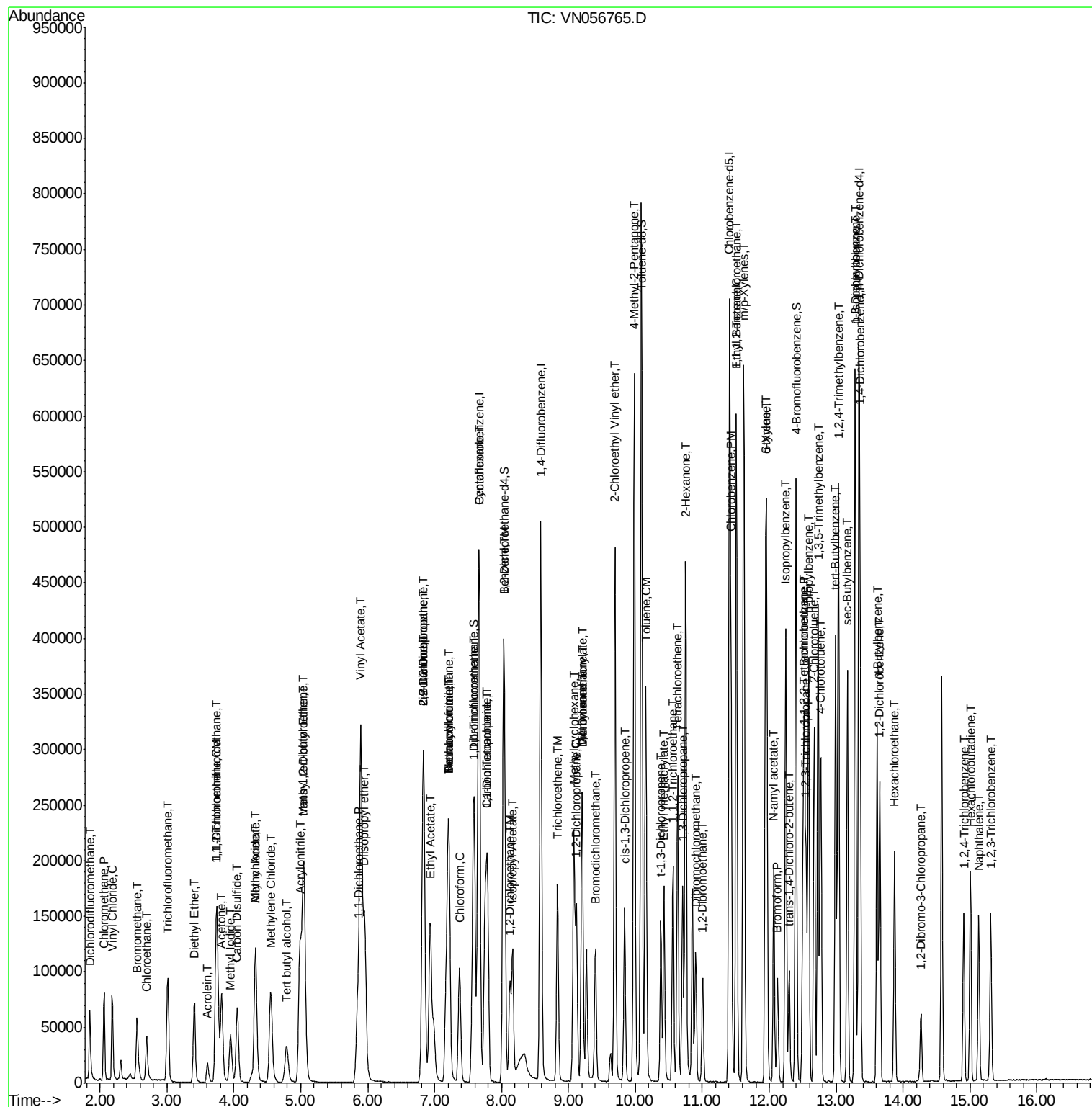
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 52948    | 17.931 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 40587    | 19.947 | ug/l  | 100      |
| 95) Naphthalene            | 15.13 | 128  | 132198   | 17.251 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 57042    | 18.897 | ug/l  | 99       |

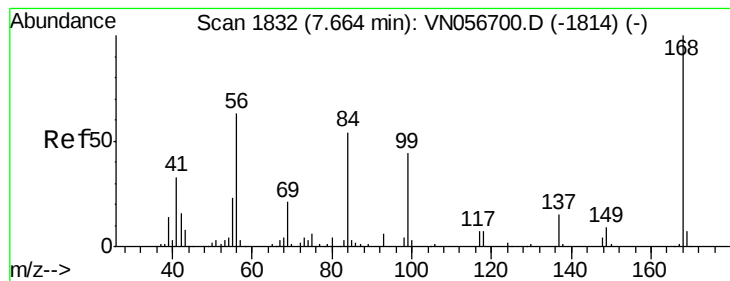
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071619\  
Data File : VN056765.D  
Acq On : 16 Jul 2019 13:49  
Operator : JC/SP  
Sample : VN0716WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0716WBSD01

Quant Time: Jul 17 01:08:27 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N071519W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 16 07:03:34 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: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

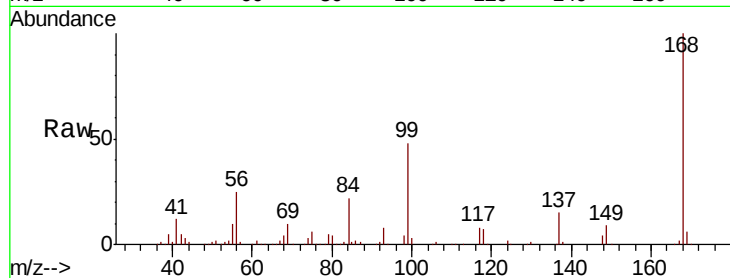
VN0716WBSD01

Tot Ion:168 Resp: 306335

Ion Ratio Lower Upper

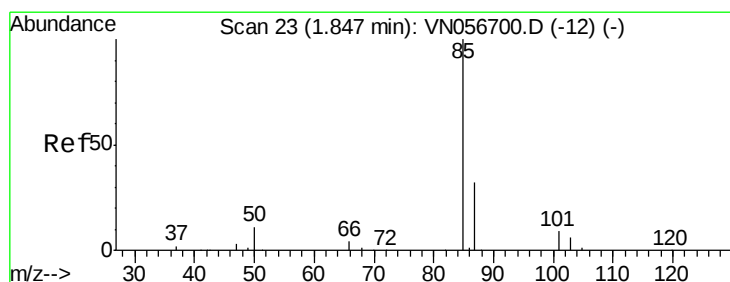
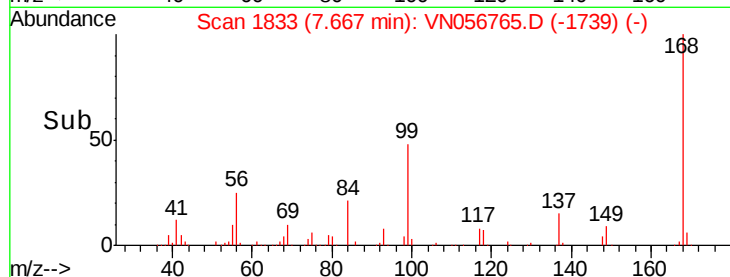
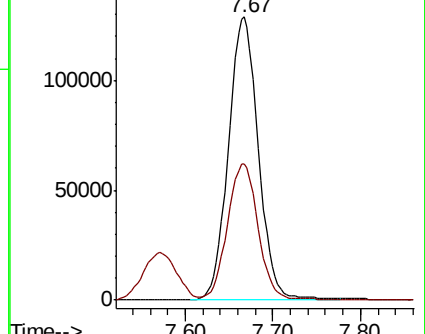
168 100

99 48.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056700.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN056700.D (-1814) (-)



#2

Dichlorodifluoromethane

Concen: 18.712 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056765.D

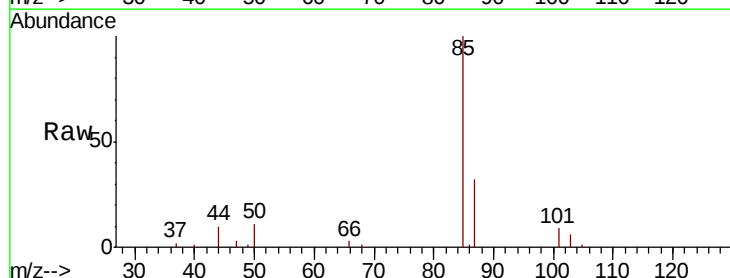
Acq: 16 Jul 2019 13:49

Tgt Ion: 85 Resp: 53825

Ion Ratio Lower Upper

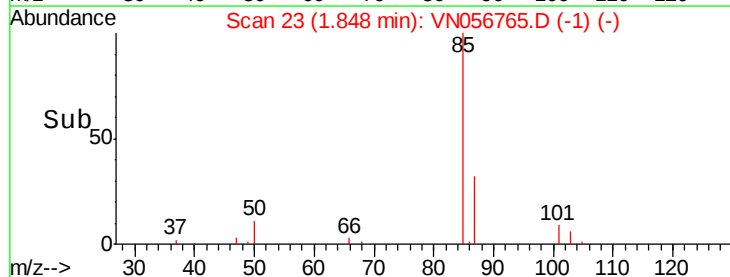
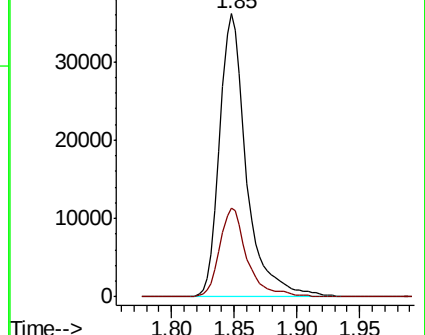
85 100

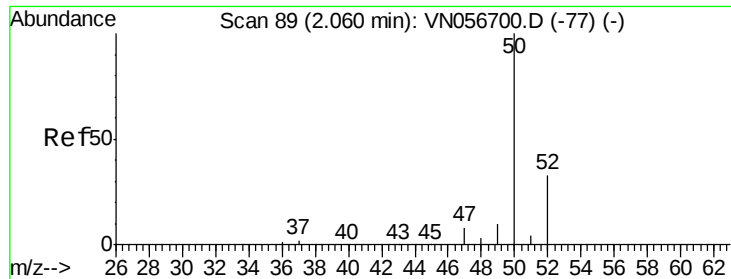
87 31.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN056700.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN056700.D (-12) (-)





#3

Chloromethane

Concen: 19.004 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampled :

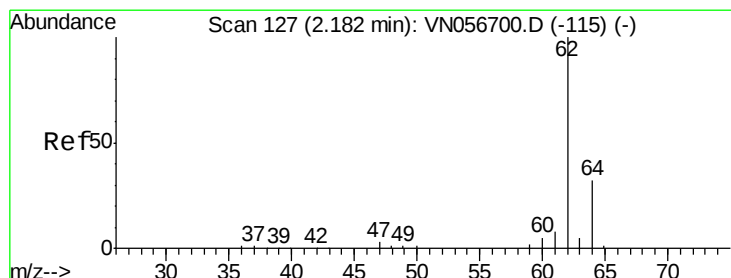
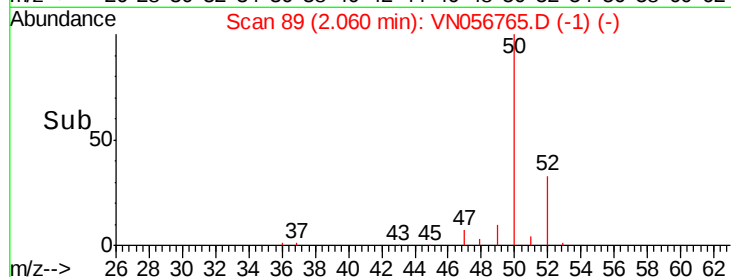
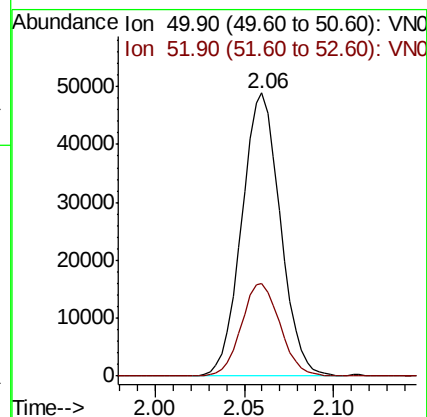
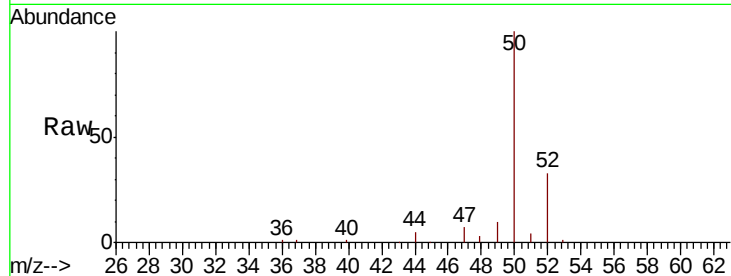
VN0716WBSD01

Tot Ion: 50 Resp: 73492

Ion Ratio Lower Upper

50 100

52 32.6 26.5 39.7



#4

Vinyl Chloride

Concen: 19.319 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056765.D

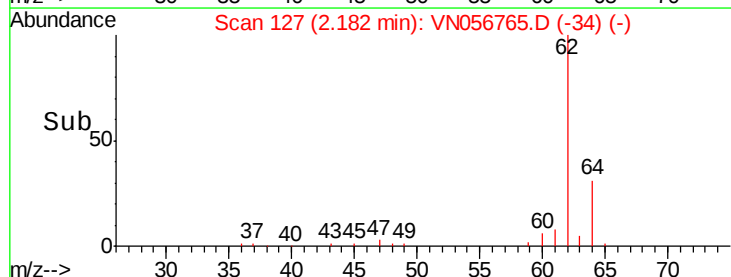
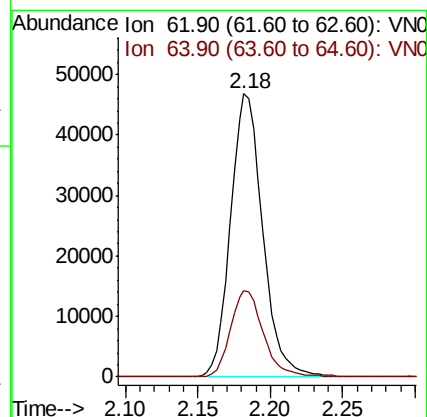
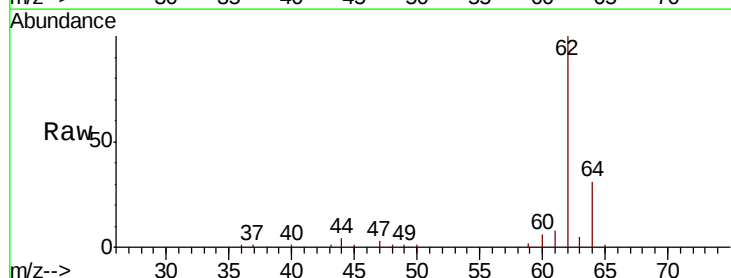
Acq: 16 Jul 2019 13:49

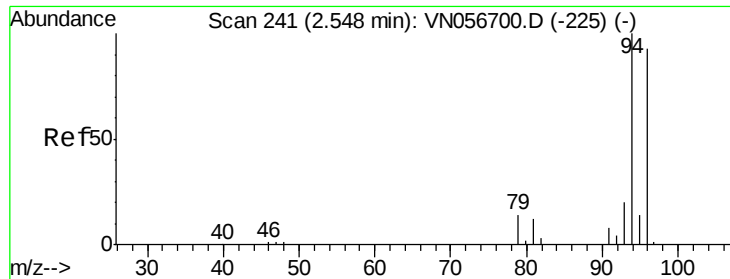
Tgt Ion: 62 Resp: 71948

Ion Ratio Lower Upper

62 100

64 30.6 25.6 38.4

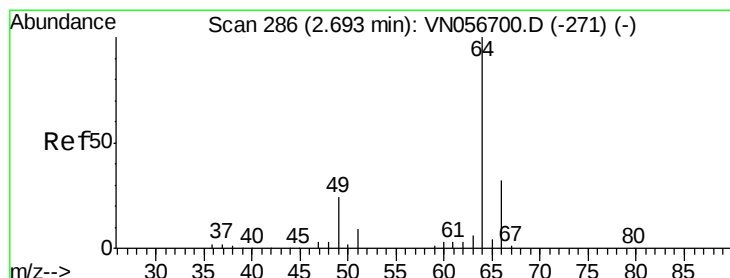
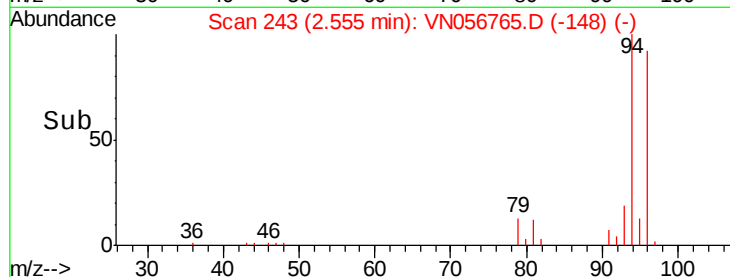
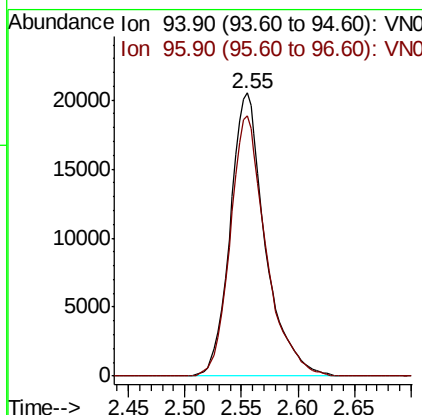
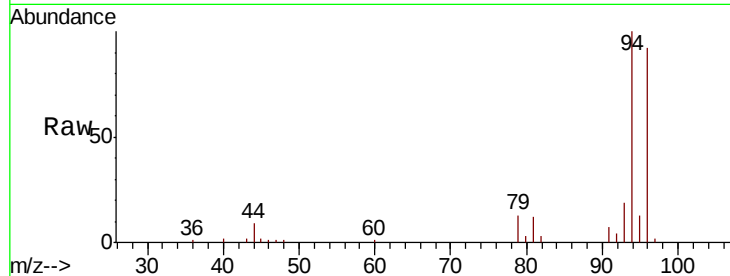




#5  
Bromomethane  
Concen: 20.194 ug/l  
RT: 2.55 min Scan# 243  
Delta R.T. 0.01 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

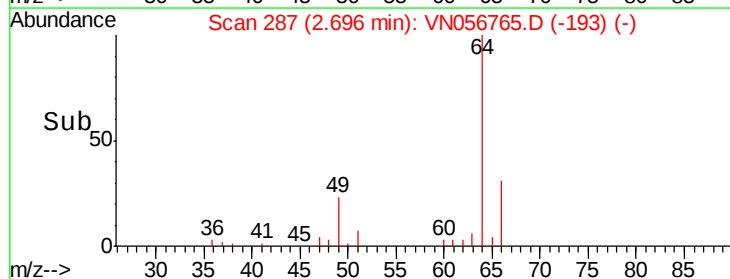
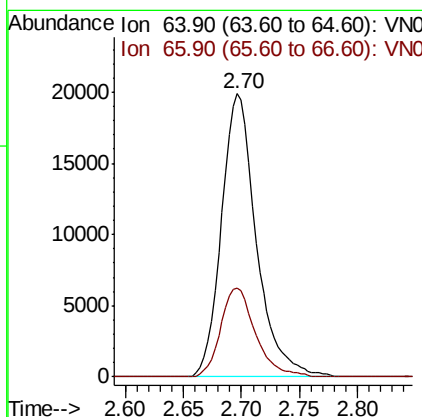
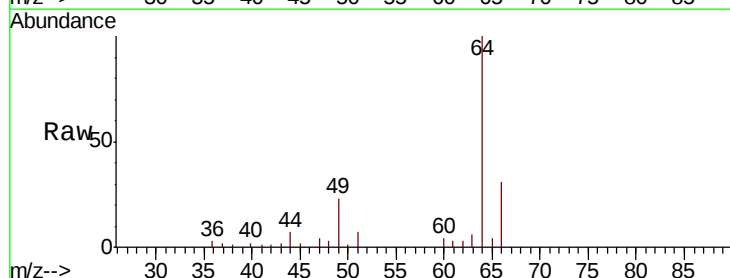
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0716WBSD01

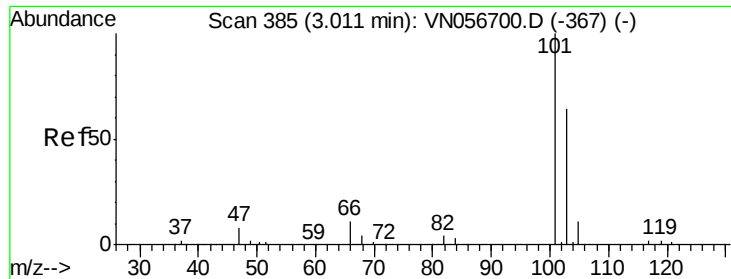
Tot Ion: 94 Resp: 44224  
Ion Ratio Lower Upper  
94 100  
96 91.9 74.0 111.0



#6  
Chloroethane  
Concen: 19.068 ug/l  
RT: 2.70 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Tgt Ion: 64 Resp: 41380  
Ion Ratio Lower Upper  
64 100  
66 31.4 25.8 38.8



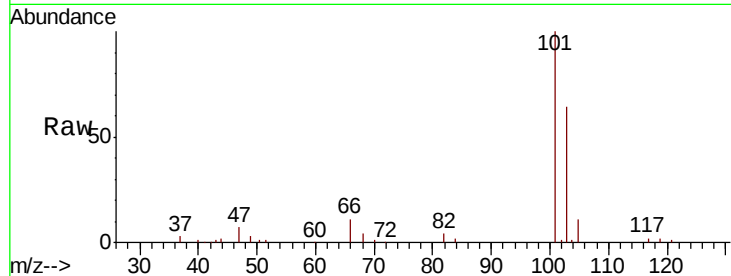


#7

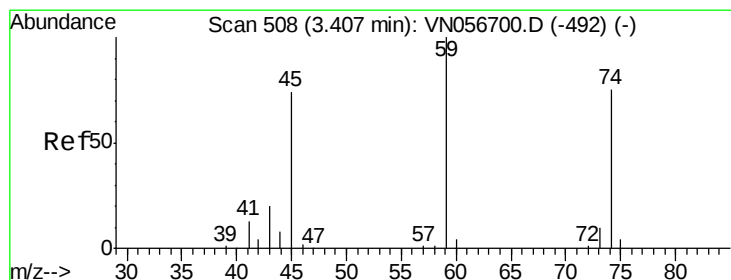
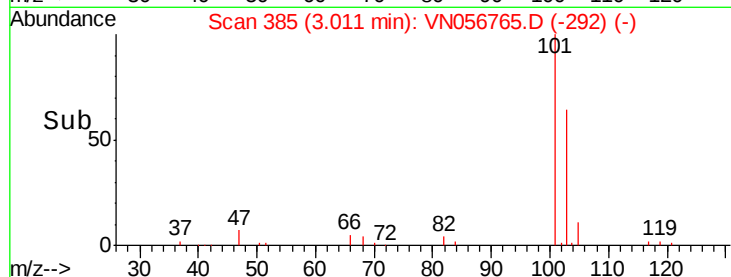
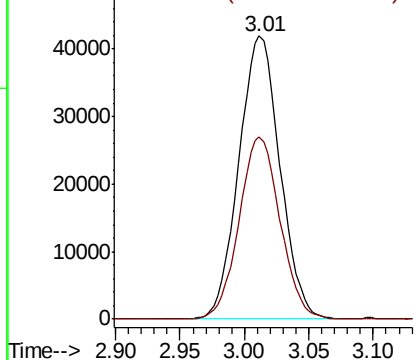
Trichlorofluoromethane  
Concen: 19.484 ug/l  
RT: 3.01 min Scan# 385  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0716WBSD01

Tot Ion:101 Resp: 93107  
Ion Ratio Lower Upper  
101 100  
103 64.2 51.5 77.3



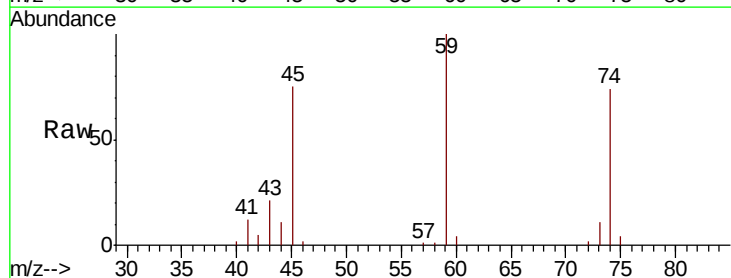
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



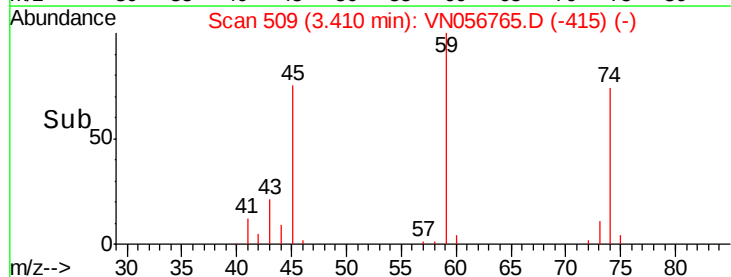
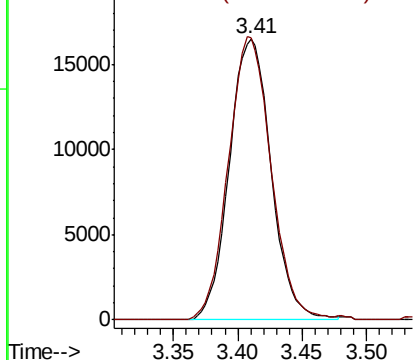
#8

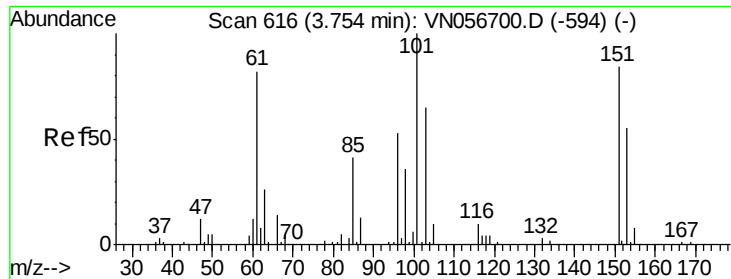
Diethyl Ether  
Concen: 19.956 ug/l  
RT: 3.41 min Scan# 509  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Tgt Ion: 74 Resp: 37180  
Ion Ratio Lower Upper  
74 100  
45 102.7 49.4 148.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.504 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0716WBSD01

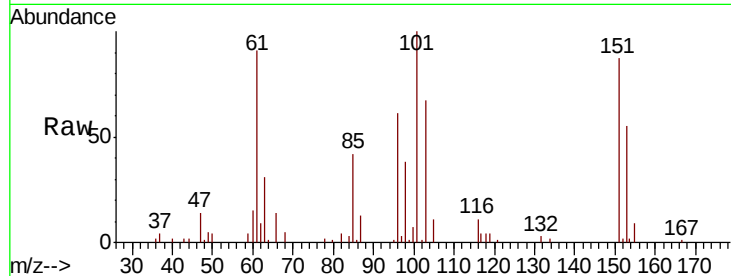
Tot Ion:101 Resp: 55994

Ion Ratio Lower Upper

101 100

85 42.9 33.3 49.9

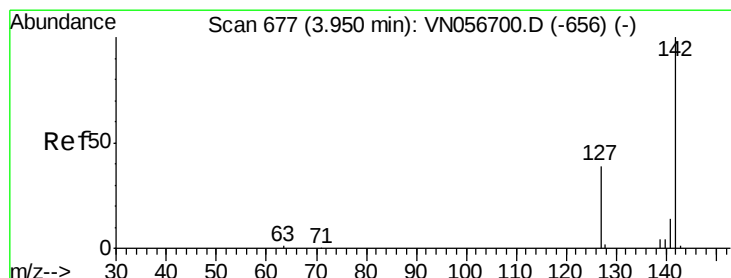
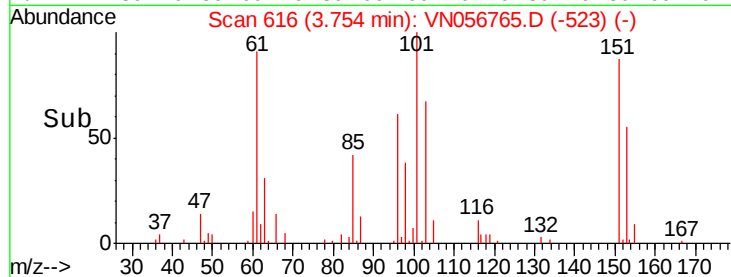
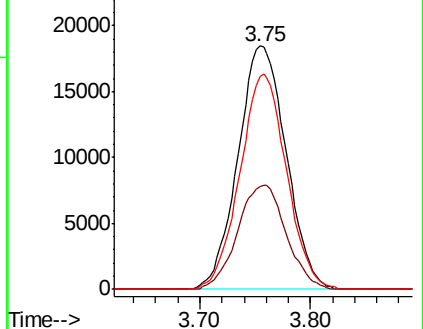
151 85.3 67.0 100.6



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: 18.903 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

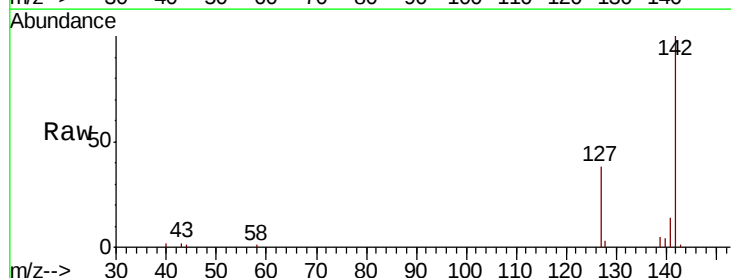
Tgt Ion:142 Resp: 72587

Ion Ratio Lower Upper

142 100

127 39.3 30.7 46.1

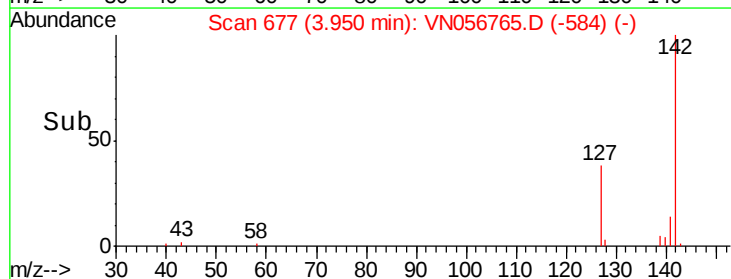
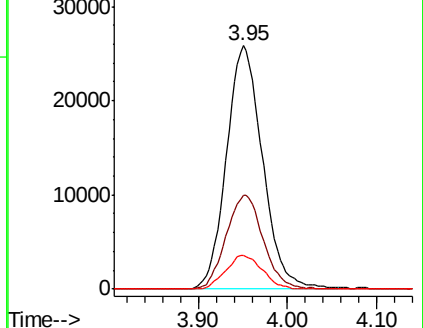
141 14.0 11.3 16.9

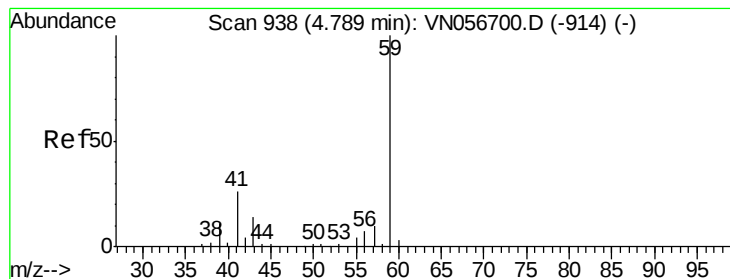


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



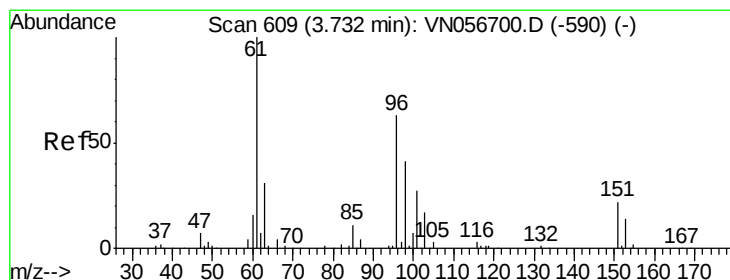
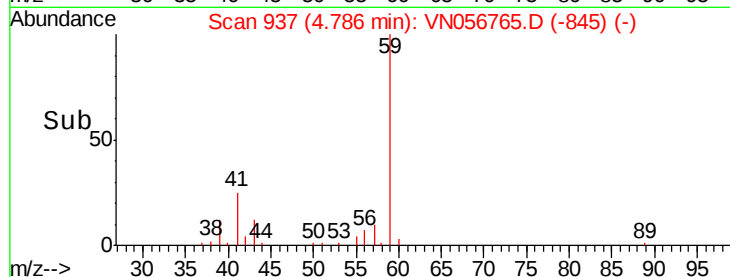
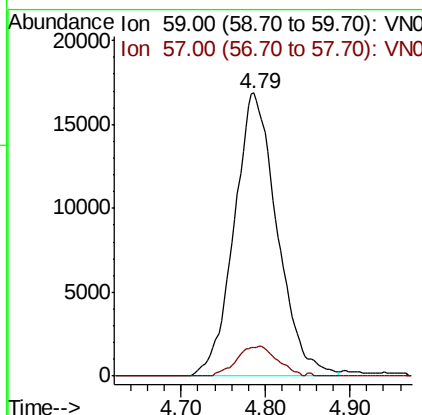
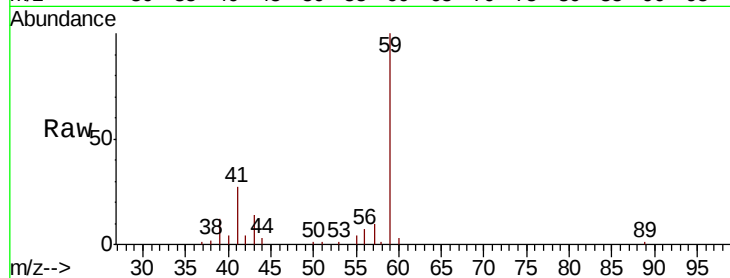


#11

Tert butyl alcohol  
 Concen: 106.042 ug/l  
 RT: 4.79 min Scan# 937  
 Delta R.T. -0.00 min  
 Lab File: VN056765.D  
 Acq: 16 Jul 2019 13:49

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0716WBSD01

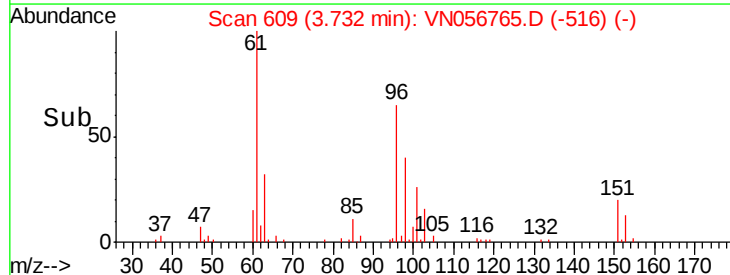
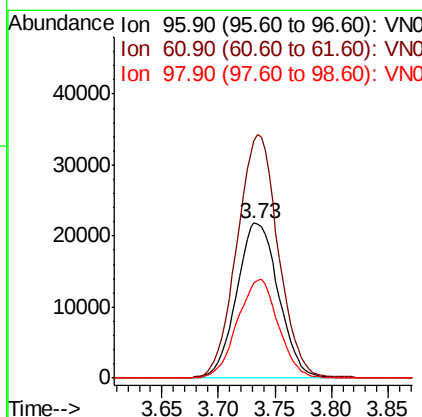
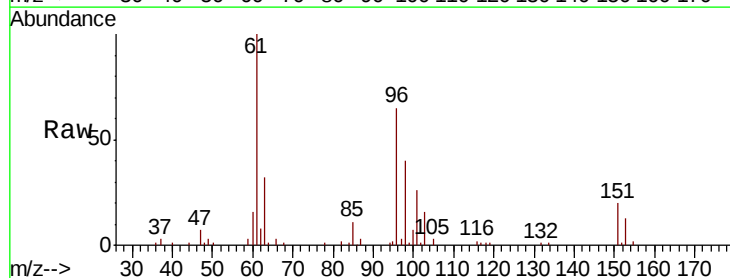
Tot Ion: 59 Resp: 59809  
 Ion Ratio Lower Upper  
 59 100  
 57 9.9 8.0 12.0

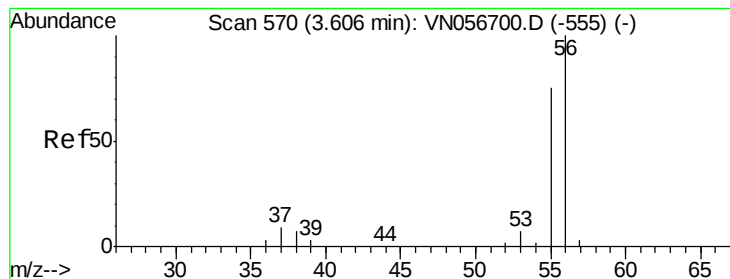


#12

1,1-Dichloroethene  
 Concen: 19.551 ug/l  
 RT: 3.73 min Scan# 609  
 Delta R.T. 0.00 min  
 Lab File: VN056765.D  
 Acq: 16 Jul 2019 13:49

Tgt Ion: 96 Resp: 56301  
 Ion Ratio Lower Upper  
 96 100  
 61 153.0 126.6 189.8  
 98 61.3 51.4 77.2





#13

Acrolein

Concen: 110.040 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

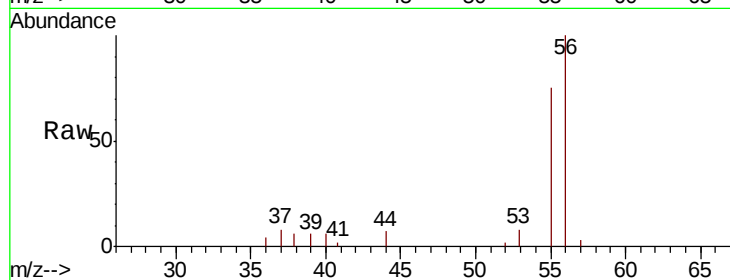
VN0716WBSD01

Tot Ion: 56 Resp: 19996

Ion Ratio Lower Upper

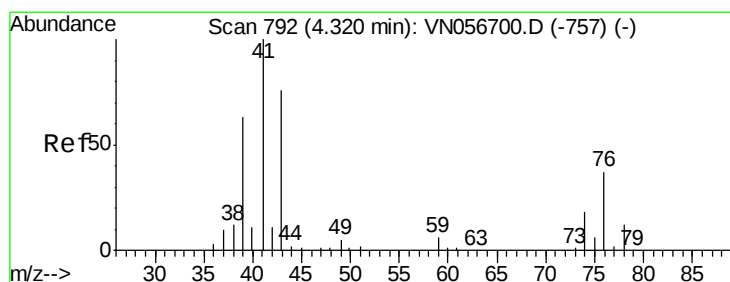
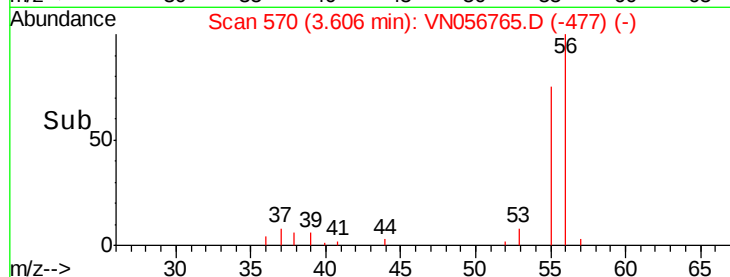
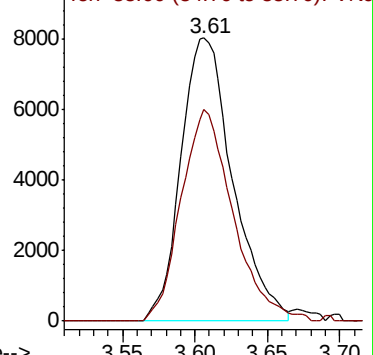
56 100

55 74.8 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.122 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

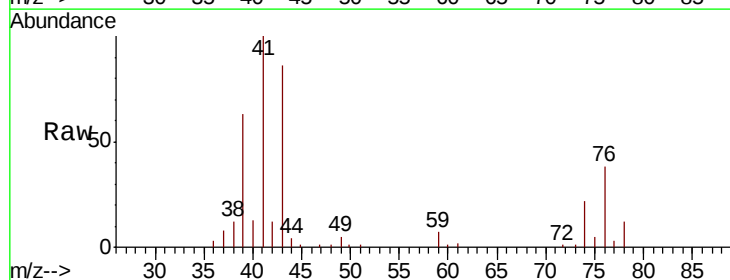
Tgt Ion: 41 Resp: 95230

Ion Ratio Lower Upper

41 100

39 59.5 46.9 70.3

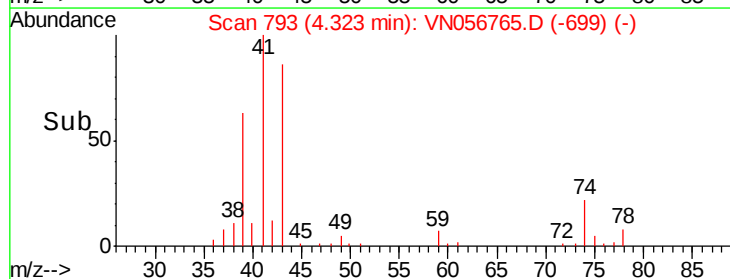
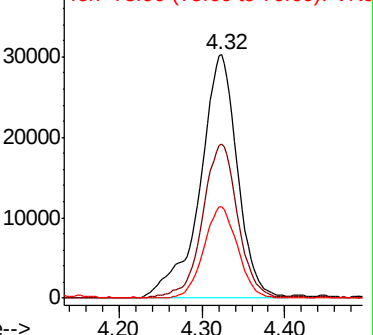
76 33.8 26.5 39.7

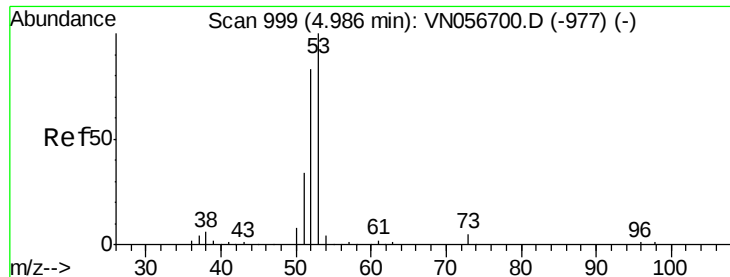


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 104.395 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0716WBSD01

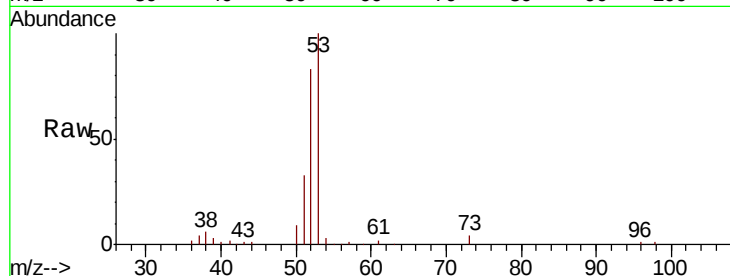
Tot Ion: 53 Resp: 170038

Ion Ratio Lower Upper

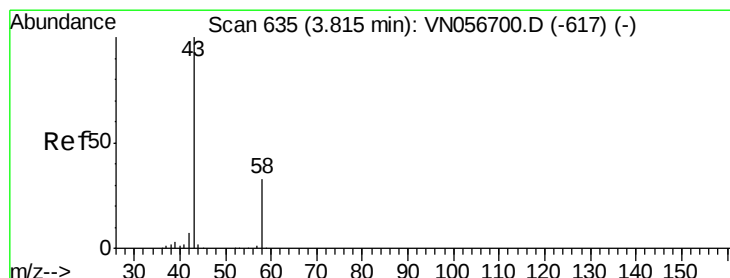
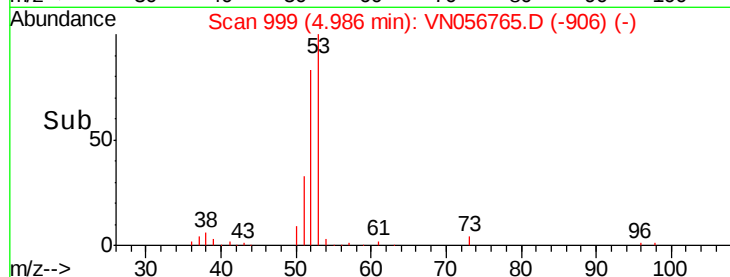
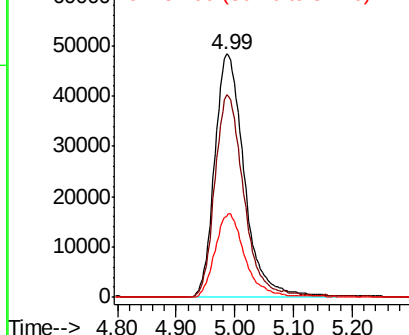
53 100

52 81.6 66.6 99.8

51 34.6 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0  
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 84.471 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056765.D

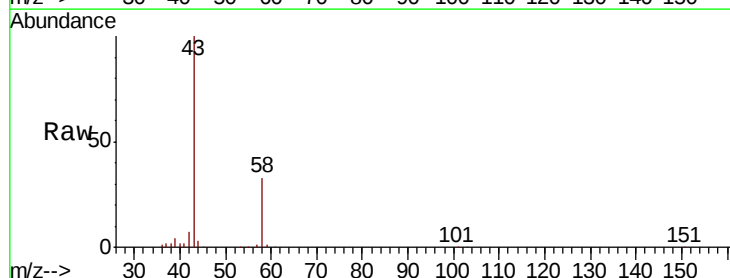
Acq: 16 Jul 2019 13:49

Tgt Ion: 43 Resp: 131902

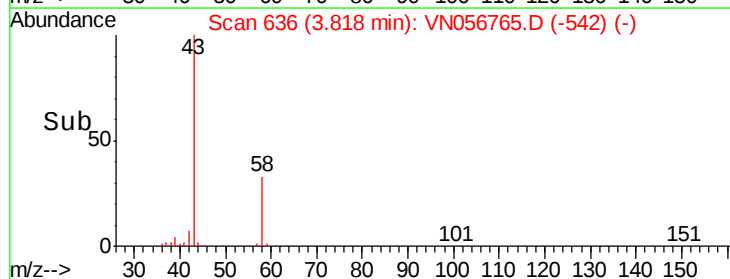
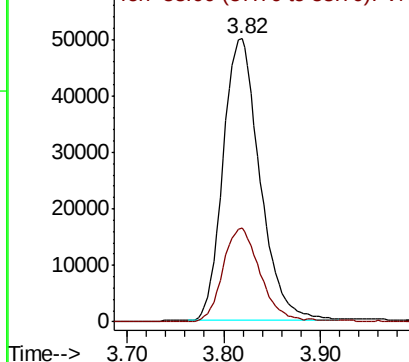
Ion Ratio Lower Upper

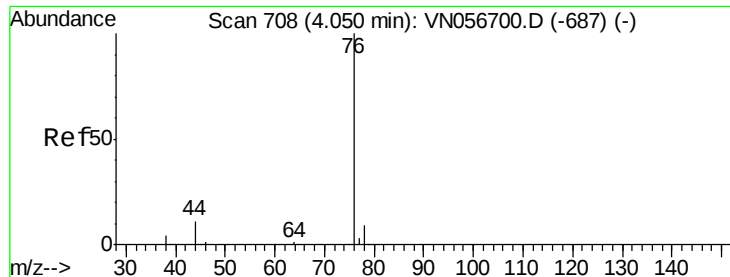
43 100

58 33.2 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.031 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

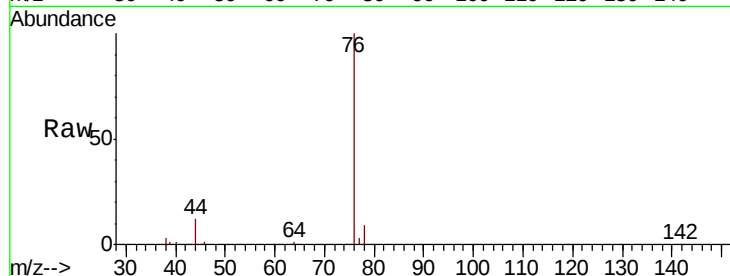
VN0716WBSD01

Tot Ion: 76 Resp: 137211

Ion Ratio Lower Upper

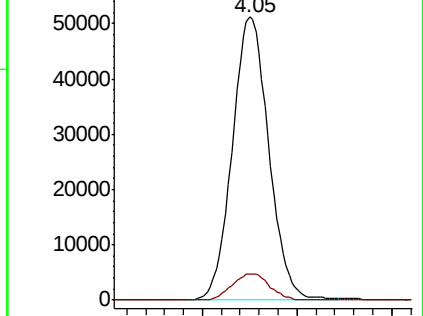
76 100

78 9.3 7.4 11.0

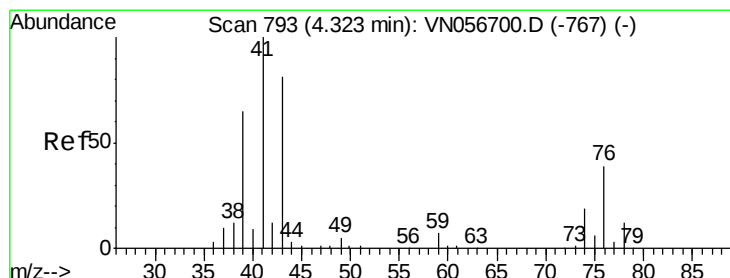
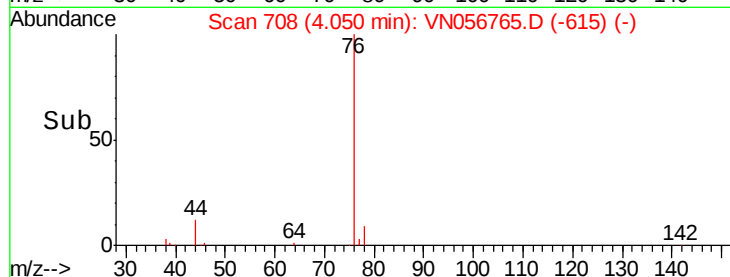


Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



Time-->



#18

Methyl Acetate

Concen: 21.137 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056765.D

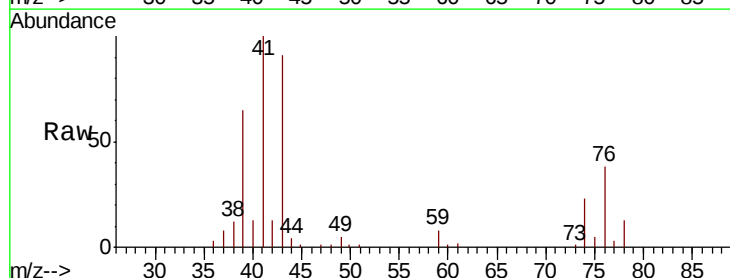
Acq: 16 Jul 2019 13:49

Tgt Ion: 43 Resp: 76099

Ion Ratio Lower Upper

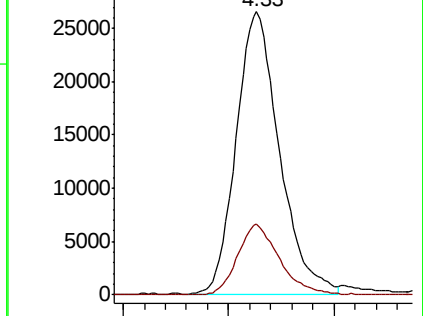
43 100

74 24.0 18.9 28.3

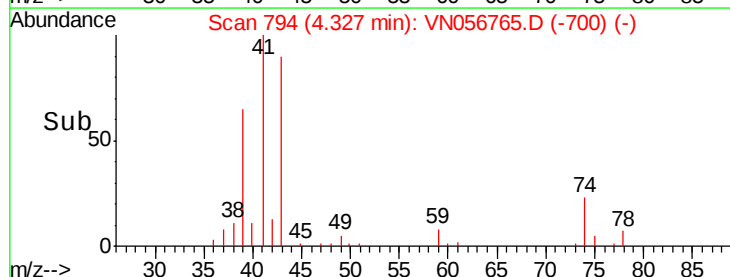


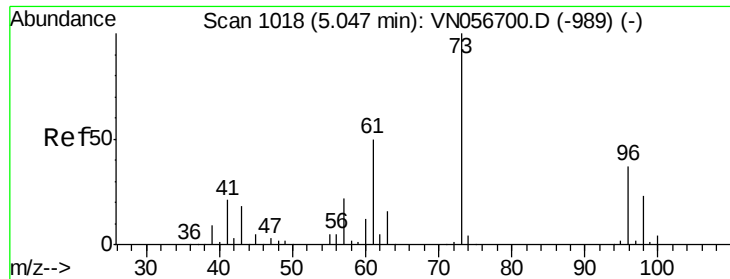
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



Time-->

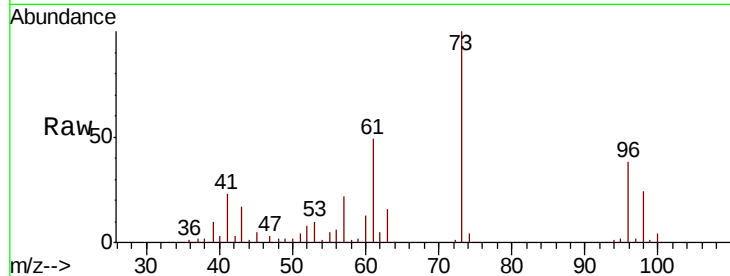




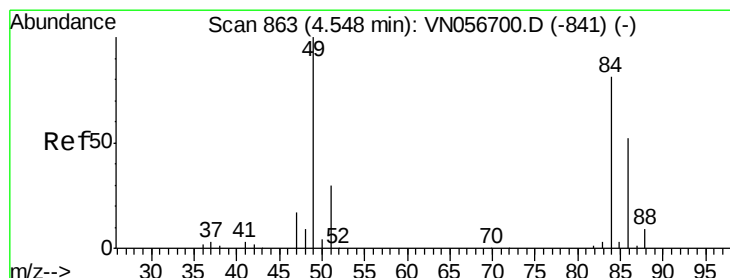
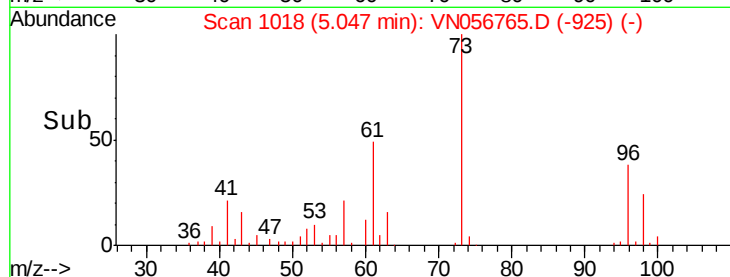
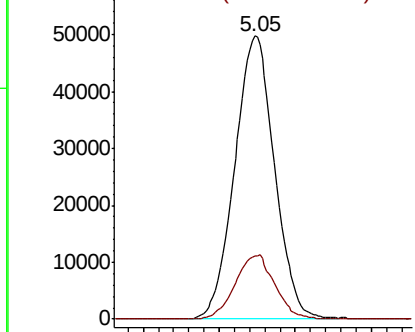
#19  
Methvl tert-butvl Ether  
Concen: 19.722 ug/l  
RT: 5.05 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0716WBSD01

Tot Ion: 73 Resp: 180959  
Ion Ratio Lower Upper  
73 100  
57 22.1 17.9 26.9

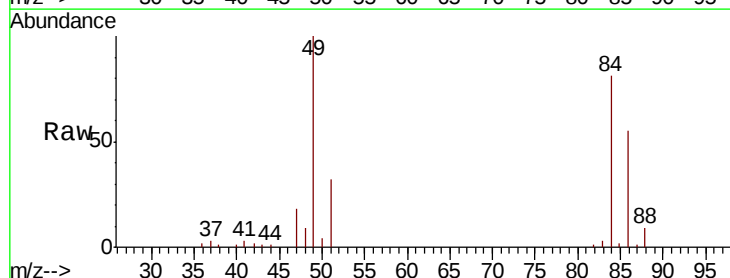


Abundance Ion 73.00 (72.70 to 73.70): VNO  
Ion 57.00 (56.70 to 57.70): VNO

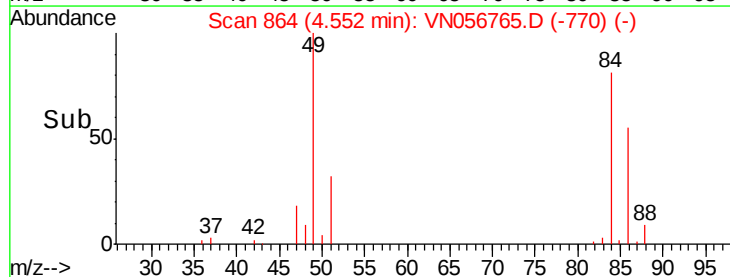
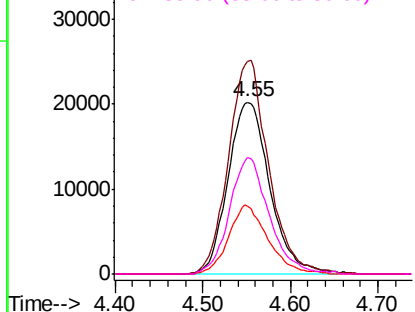


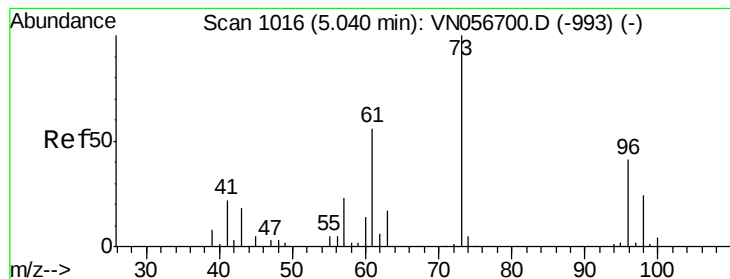
#20  
Methylene Chloride  
Concen: 19.663 ug/l  
RT: 4.55 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Tgt Ion: 84 Resp: 67098  
Ion Ratio Lower Upper  
84 100  
49 123.4 98.2 147.4  
51 39.8 29.6 44.4  
86 67.5 51.0 76.4



Abundance Ion 83.90 (83.60 to 84.60): VNO  
Ion 48.90 (48.60 to 49.60): VNO  
Ion 50.90 (50.60 to 51.60): VNO  
Ion 85.90 (85.60 to 86.60): VNO





#21

trans-1,2-Dichloroethene

Concen: 19.795 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0716WBSD01

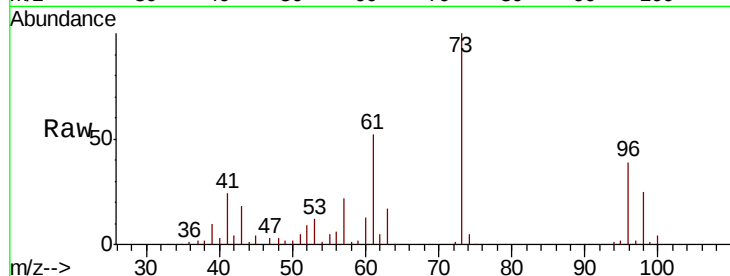
Tot Ion: 96 Resp: 60256

Ion Ratio Lower Upper

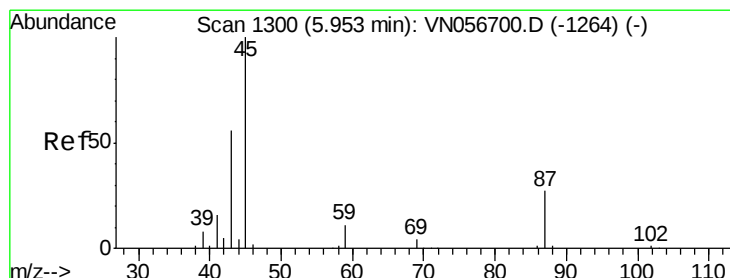
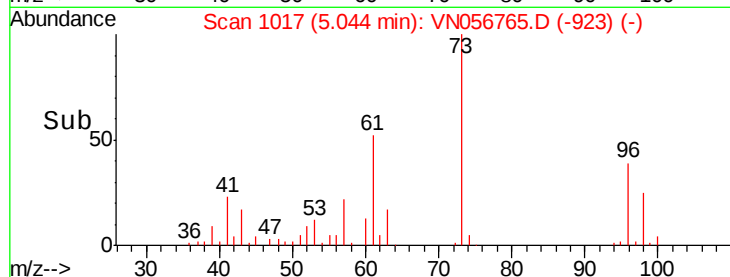
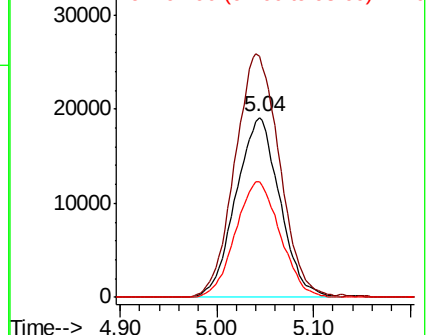
96 100

61 133.5 109.4 164.2

98 64.0 48.0 72.0



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



#22

Diisopropyl ether

Concen: 20.357 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Tgt Ion: 45 Resp: 200110

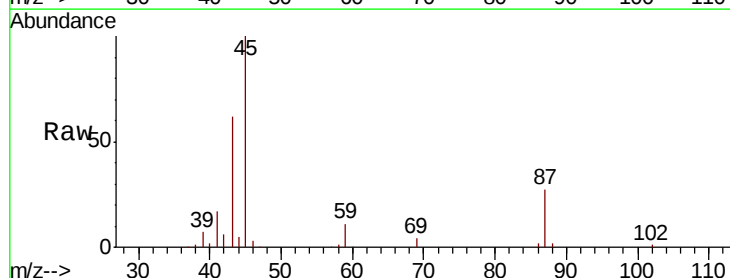
Ion Ratio Lower Upper

45 100

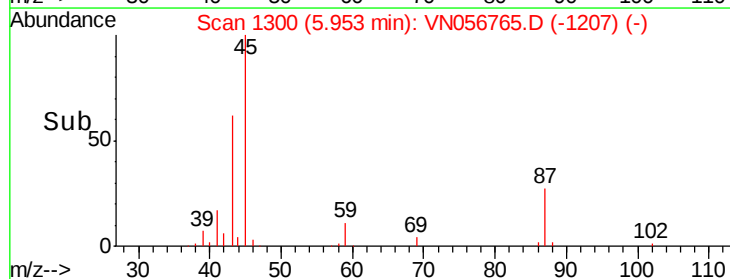
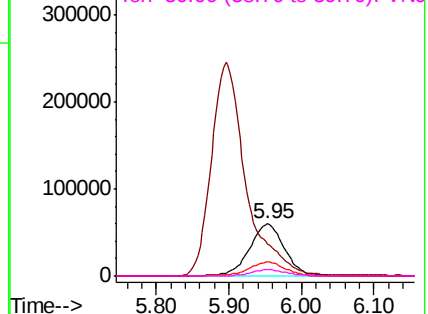
43 60.0 45.6 68.4

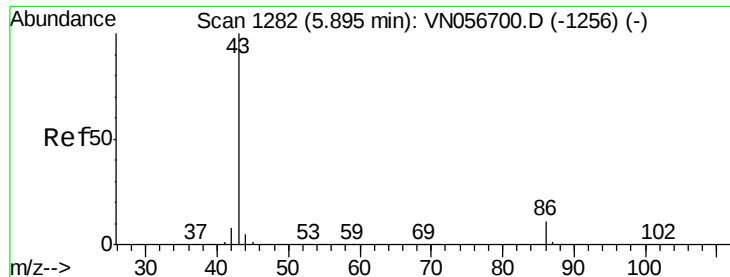
87 26.7 22.0 33.0

59 11.1 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0  
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 102.183 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleID :

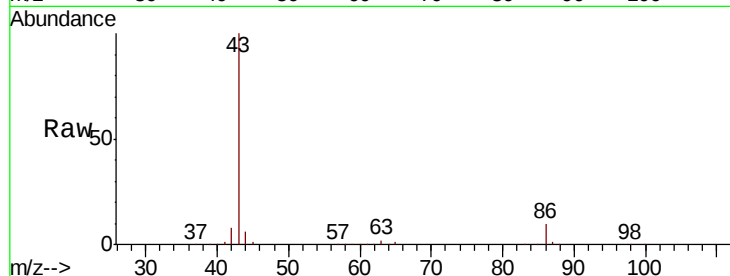
VN0716WBSD01

Tot Ion: 43 Resp: 813959

Ion Ratio Lower Upper

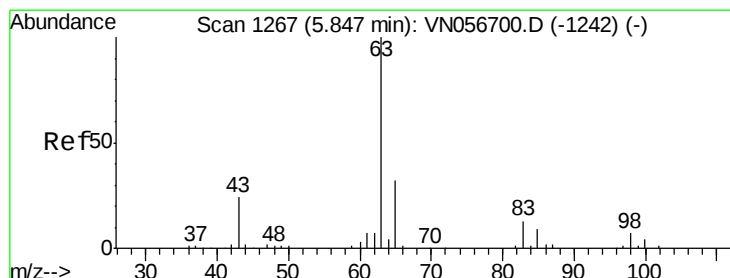
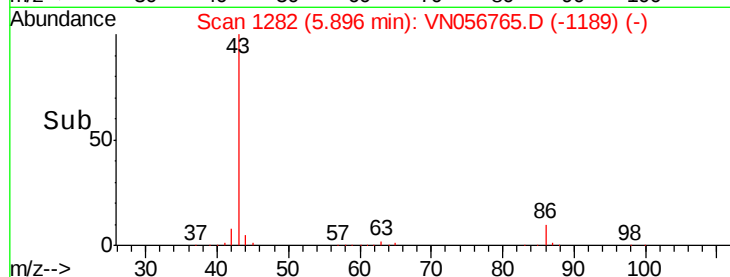
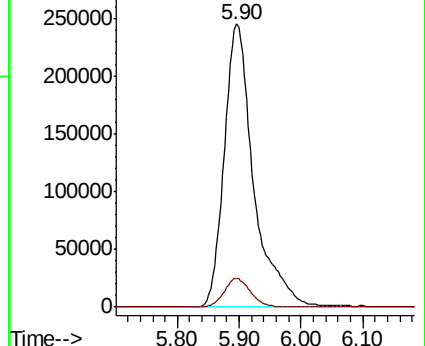
43 100

86 10.3 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.947 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

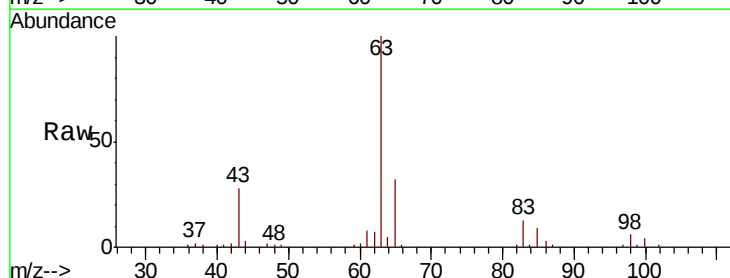
Tgt Ion: 63 Resp: 113684

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.9

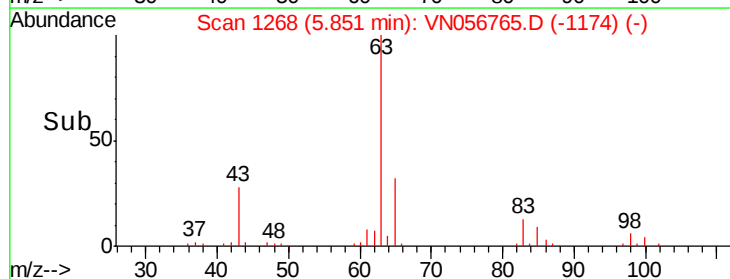
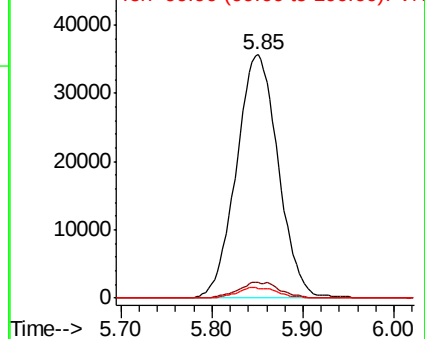
100 4.0 2.0 5.8

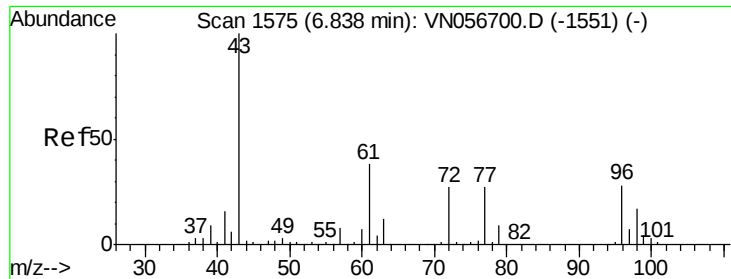


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 95.835 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

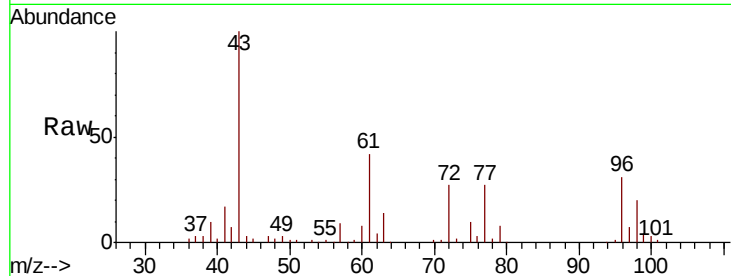
VN0716WBSD01

Tot Ion: 43 Resp: 218784

Ion Ratio Lower Upper

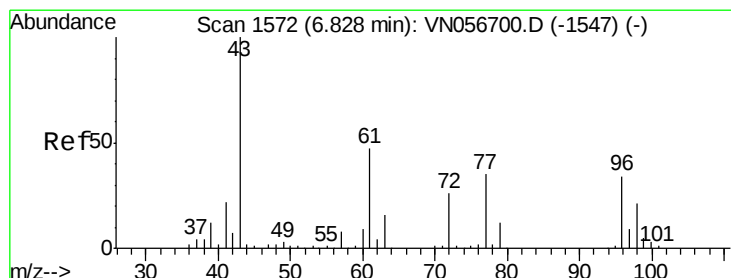
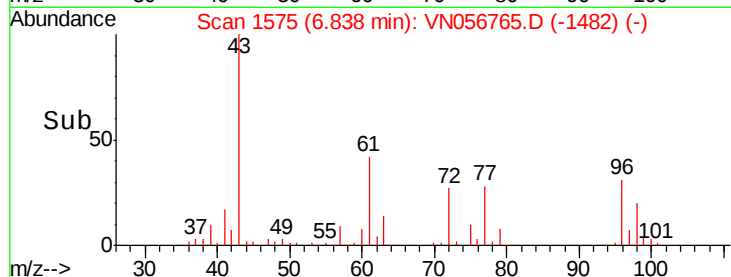
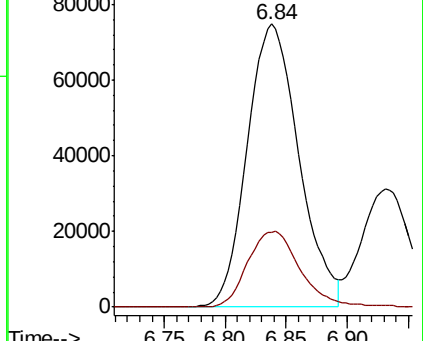
43 100

72 26.7 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 18.319 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056765.D

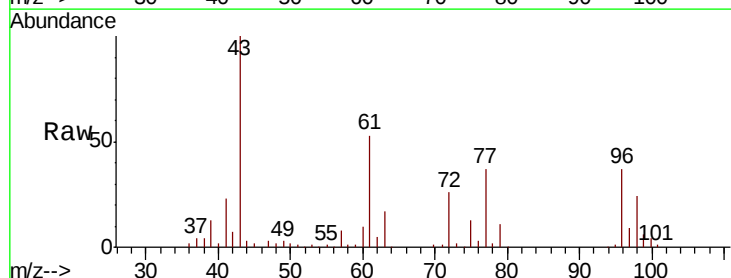
Acq: 16 Jul 2019 13:49

Tgt Ion: 77 Resp: 75278

Ion Ratio Lower Upper

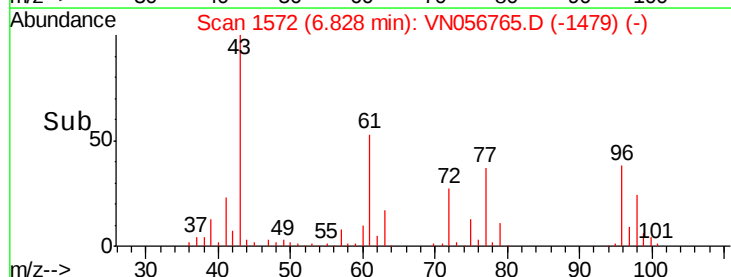
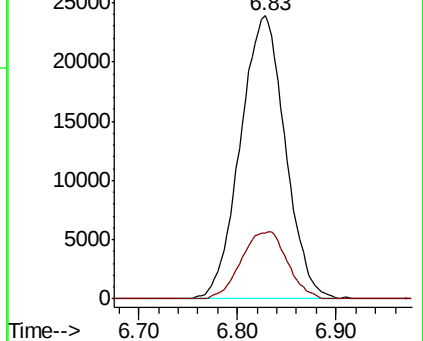
77 100

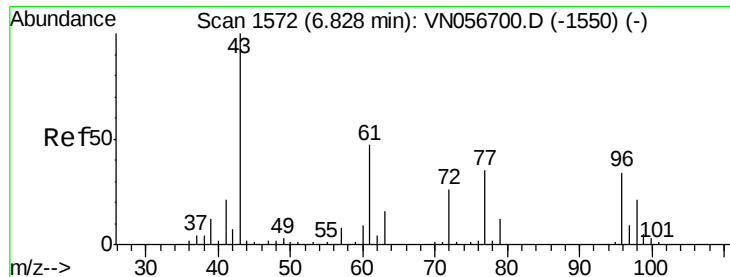
97 24.3 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 20.331 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0716WBSD01

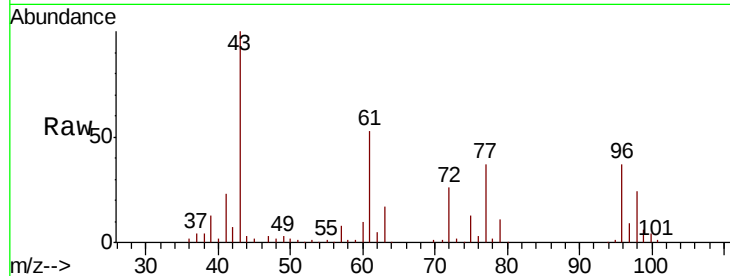
Tot Ion: 96 Resp: 71211

Ion Ratio Lower Upper

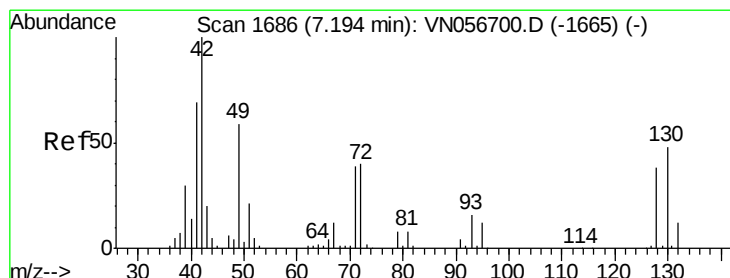
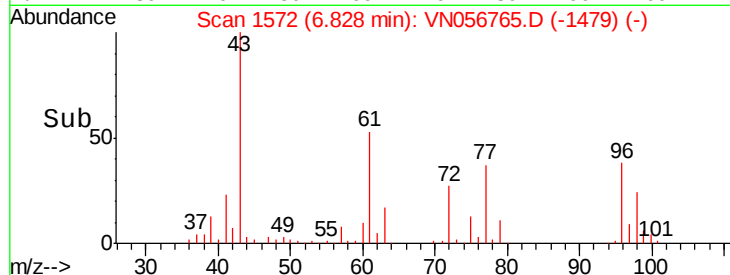
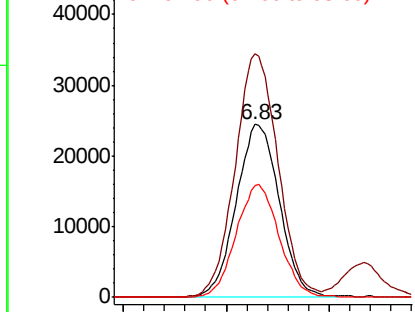
96 100

61 140.0 0.0 281.4

98 64.7 0.0 127.8



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



#28

Bromochloromethane

Concen: 20.708 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

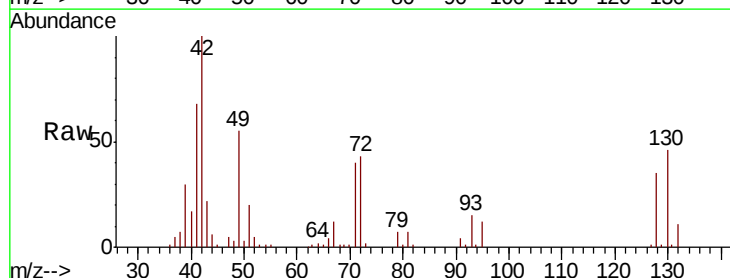
Tgt Ion: 49 Resp: 55490

Ion Ratio Lower Upper

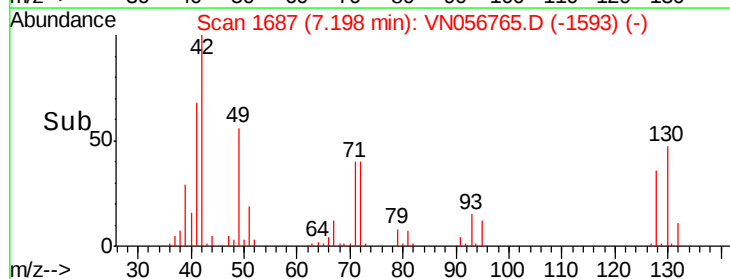
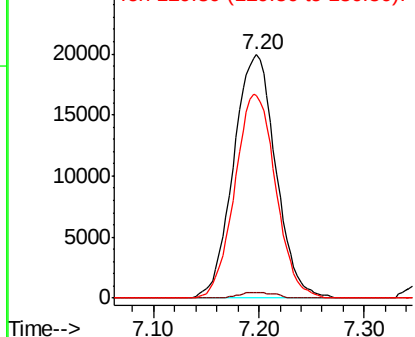
49 100

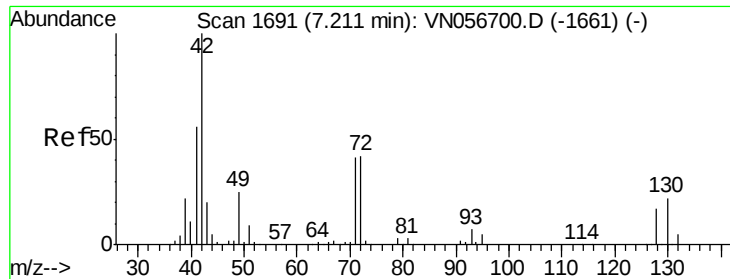
129 1.9 0.0 4.0

130 81.0 64.7 97.1



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

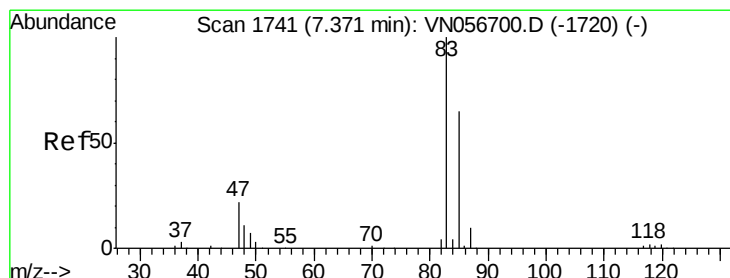
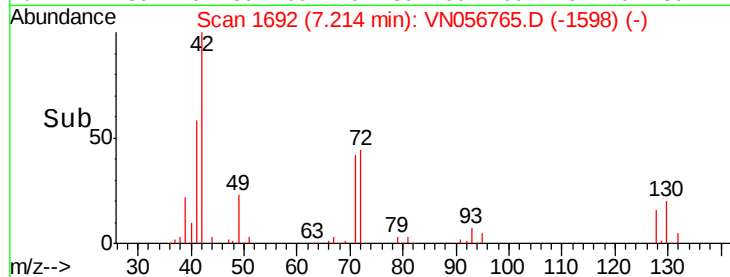
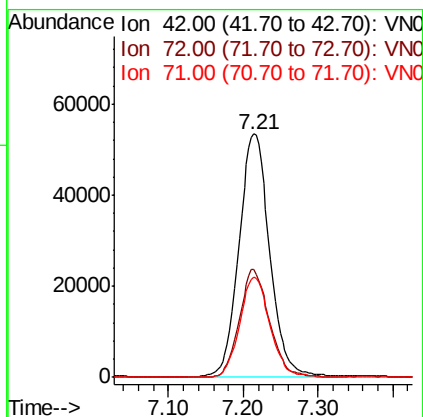
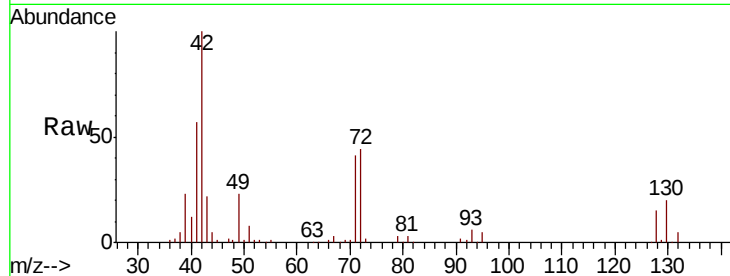




#29  
Tetrahydrofuran  
Concen: 102.918 ug/l  
RT: 7.21 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

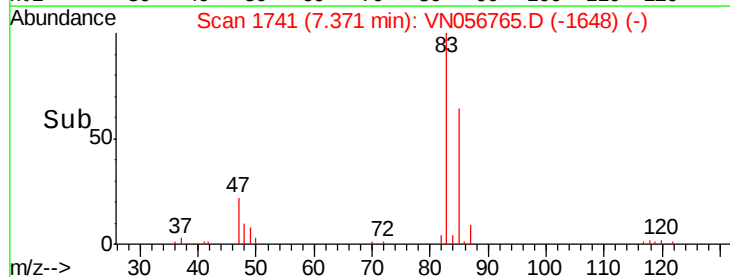
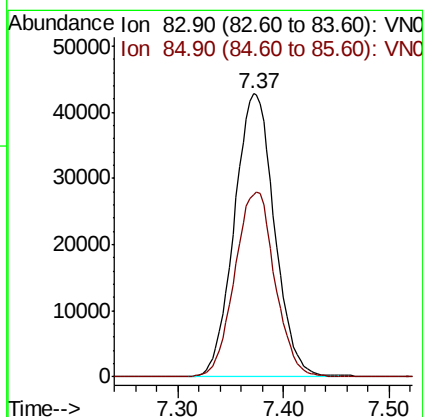
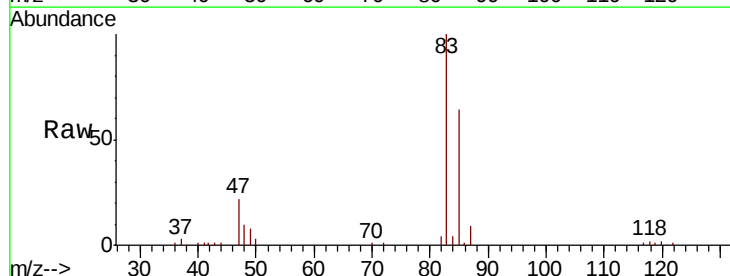
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0716WBSD01

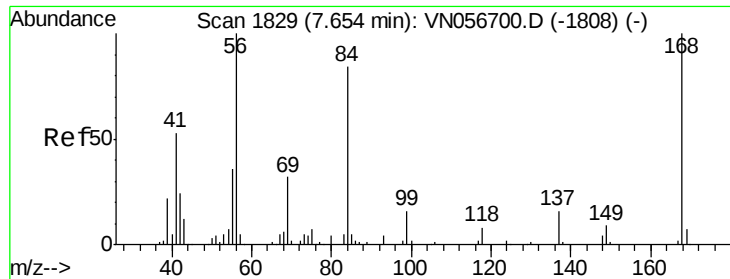
Tot Ion: 42 Resp: 153243  
Ion Ratio Lower Upper  
42 100  
72 43.3 33.5 50.3  
71 40.5 31.8 47.8



#30  
Chloroform  
Concen: 19.804 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Tgt Ion: 83 Resp: 112946  
Ion Ratio Lower Upper  
83 100  
85 64.5 51.9 77.9

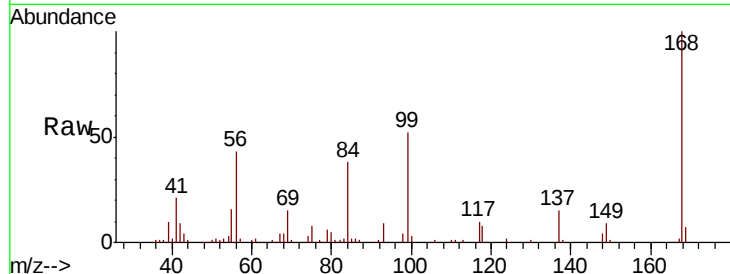




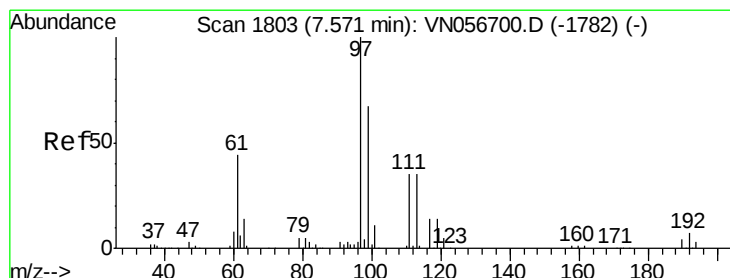
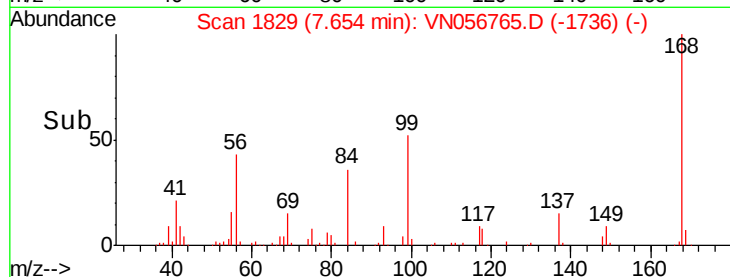
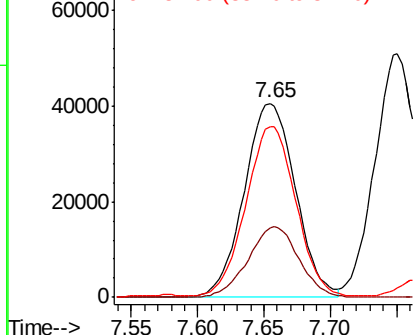
#31  
Cyclohexane  
Concen: 20.197 ug/l  
RT: 7.65 min Scan# 1829  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0716WBSD01

Tot Ion: 56 Resp: 109404  
Ion Ratio Lower Upper  
56 100  
69 36.1 25.8 38.8  
84 87.4 67.4 101.0

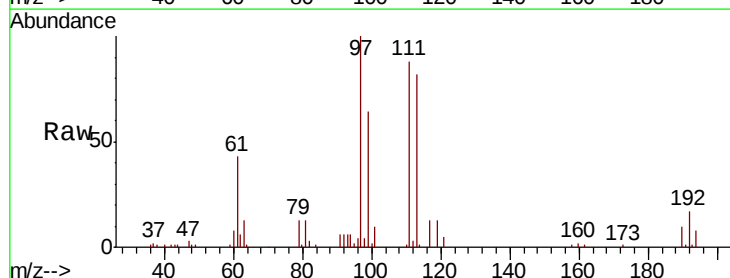


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

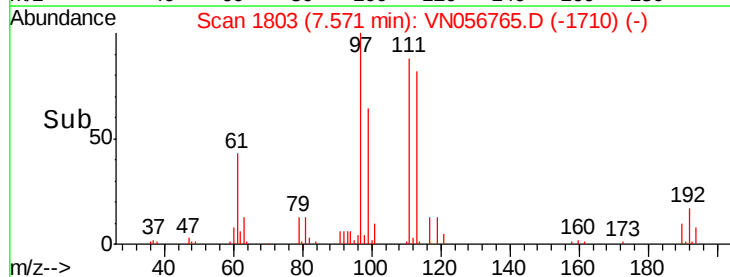
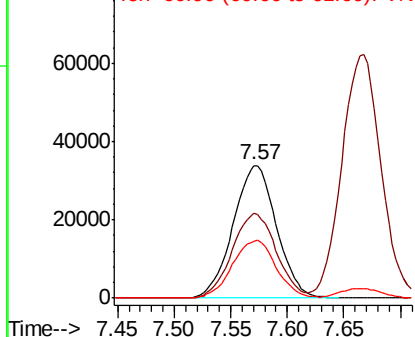


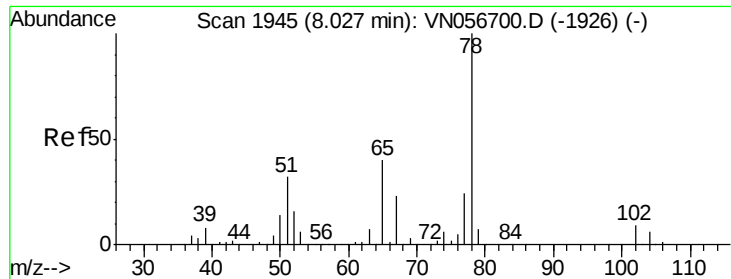
#32  
1,1,1-Trichloroethane  
Concen: 20.022 ug/l  
RT: 7.57 min Scan# 1803  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Tgt Ion: 97 Resp: 90305  
Ion Ratio Lower Upper  
97 100  
99 65.0 52.0 78.0  
61 44.2 34.3 51.5



Abundance Ion 96.90 (96.60 to 97.60): VN0  
Ion 98.90 (98.60 to 99.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.578 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

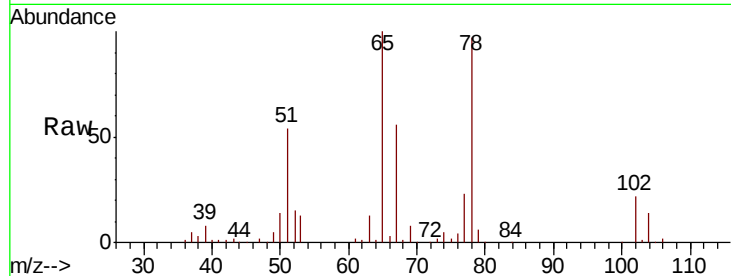
VN0716WBSD01

Tot Ion: 65 Resp: 174770

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

80000

60000

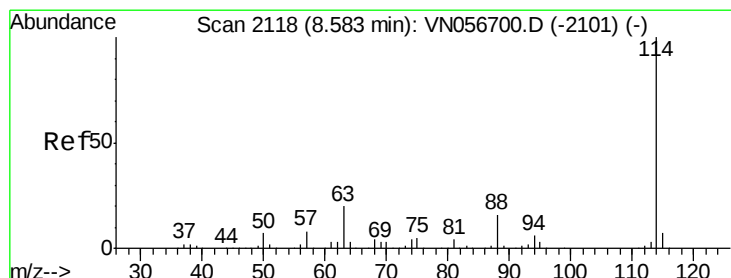
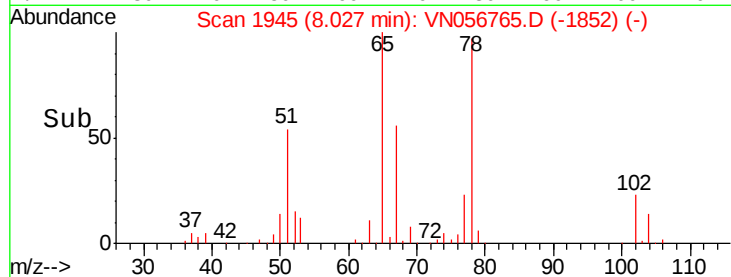
40000

20000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

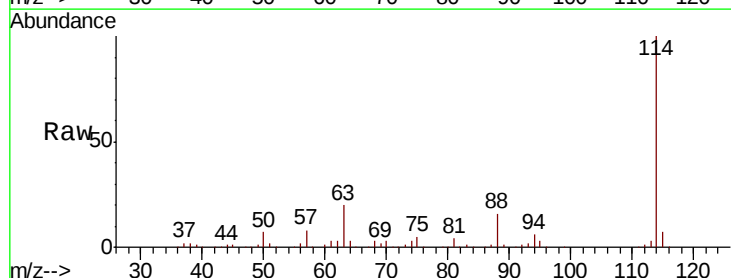
Tgt Ion: 114 Resp: 474996

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

88 15.6 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

300000

250000

200000

150000

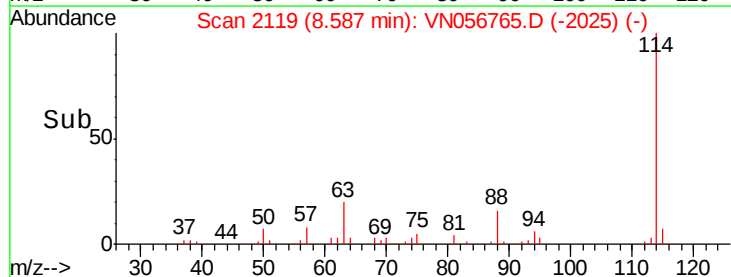
100000

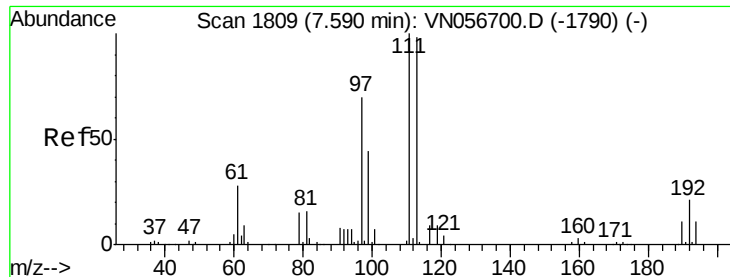
50000

0

8.50 8.55 8.60 8.65 8.70

Time-->

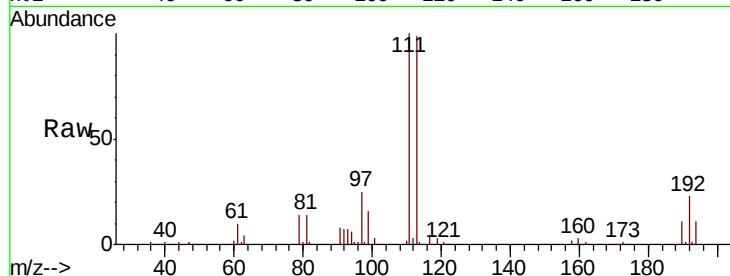




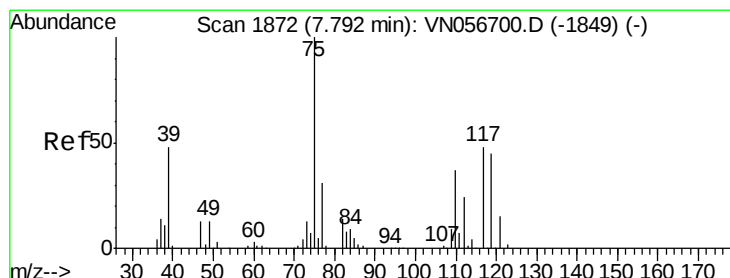
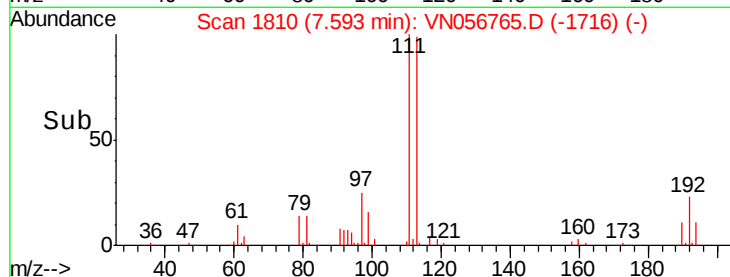
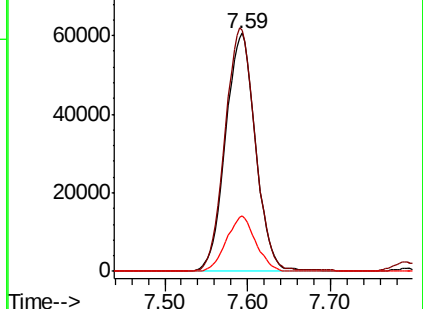
#35  
 Dibromofluoromethane  
 Concen: 51.610 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN056765.D  
 Acq: 16 Jul 2019 13:49

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0716WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.5 | 81.8  | 122.6 |
| 192     | 22.5  | 17.5  | 26.3  |

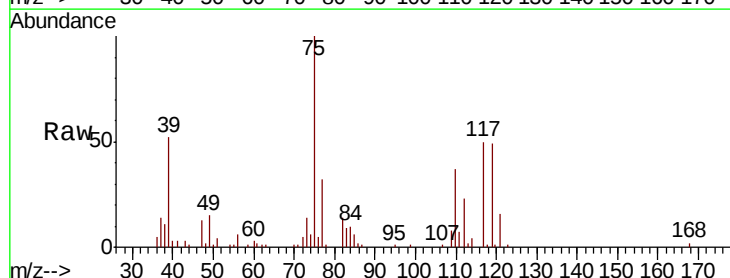


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

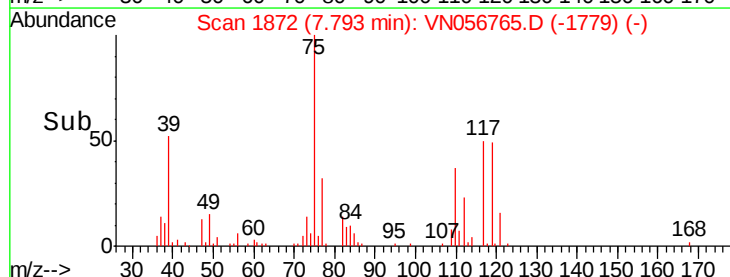
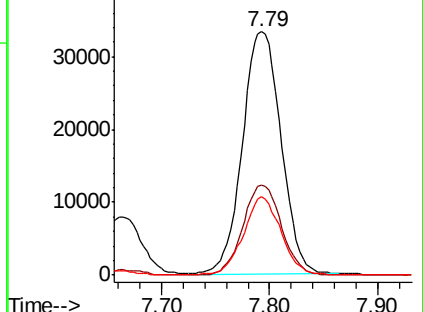


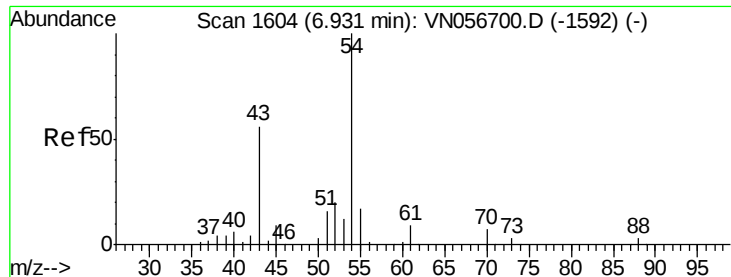
#36  
 1,1-Dichloropropene  
 Concen: 18.861 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. 0.00 min  
 Lab File: VN056765.D  
 Acq: 16 Jul 2019 13:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.0  | 18.4  | 55.4  |
| 77      | 31.5  | 24.6  | 36.8  |



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

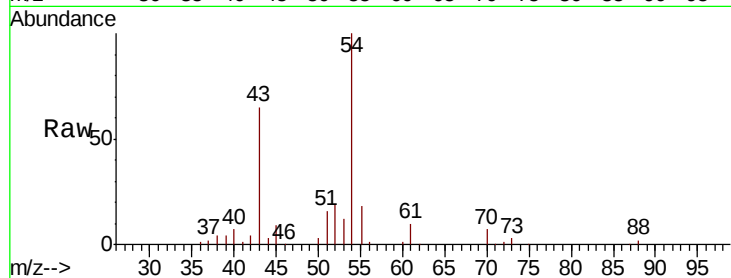




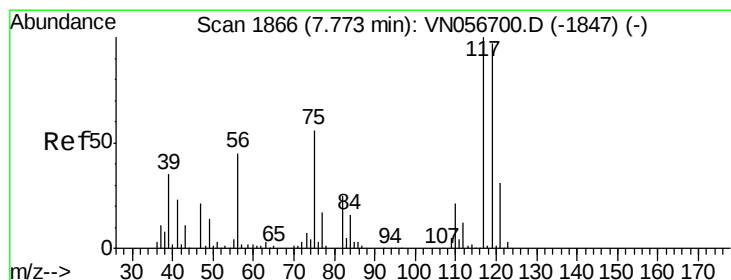
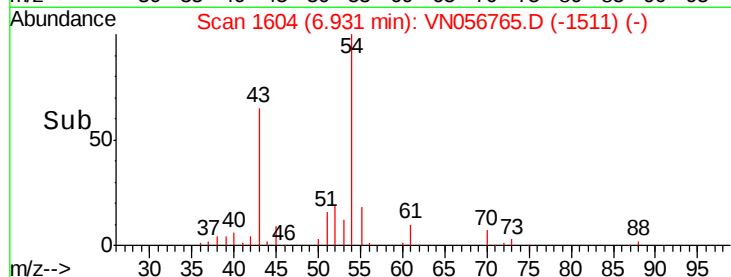
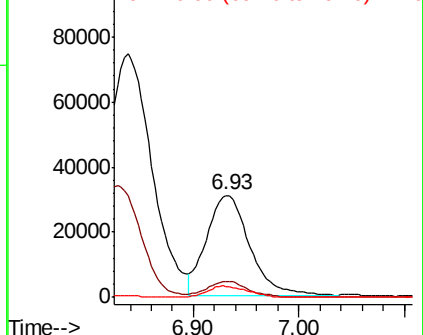
#37  
Ethyl Acetate  
Concen: 20.288 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0716WBSD01

Tot Ion: 43 Resp: 87889  
Ion Ratio Lower Upper  
43 100  
61 14.1 11.3 16.9  
70 10.8 8.5 12.7

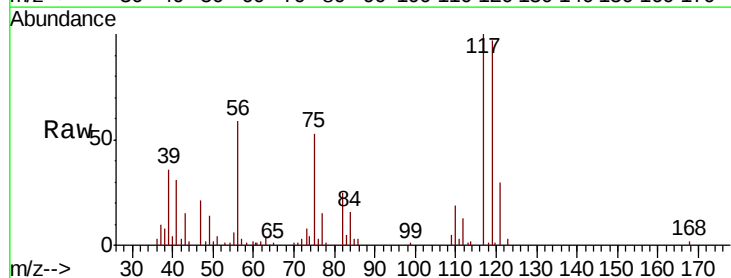


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

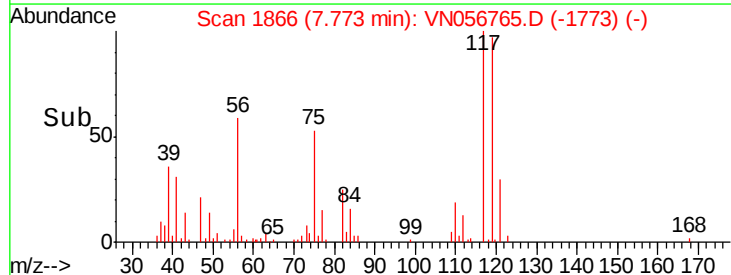
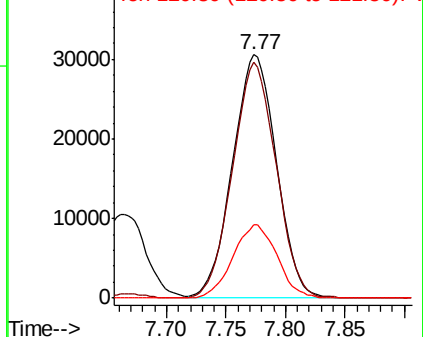


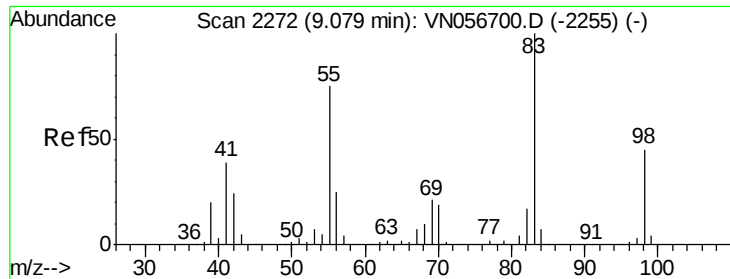
#38  
Carbon Tetrachloride  
Concen: 18.968 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Tgt Ion: 117 Resp: 78185  
Ion Ratio Lower Upper  
117 100  
119 96.7 77.5 116.3  
121 29.9 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

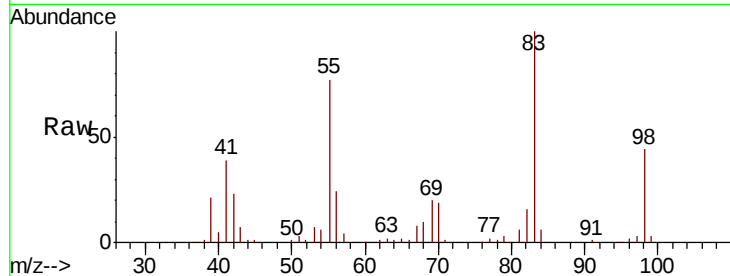




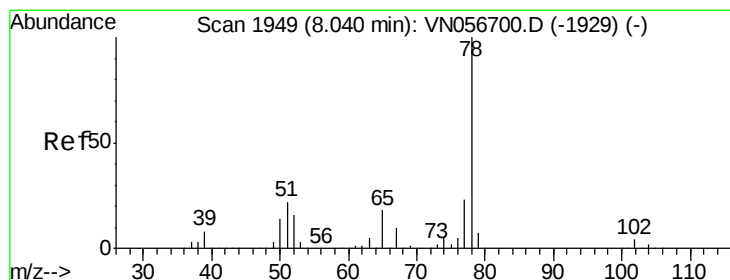
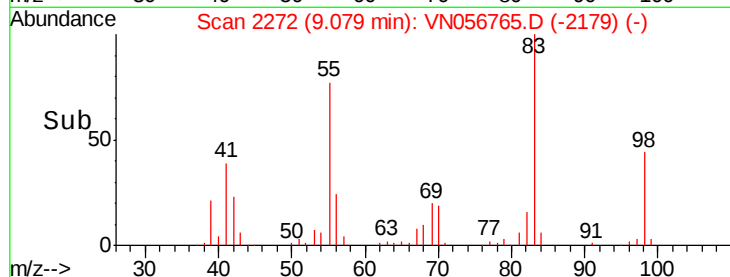
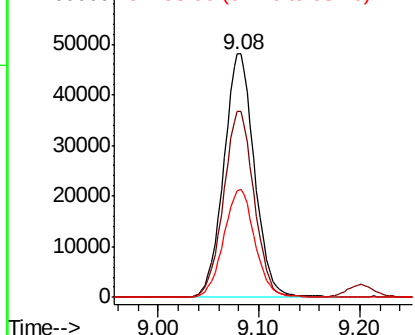
#39  
Methvlcvclohexane  
Concen: 18.780 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0716WBSD01

Tot Ion: 83 Resp: 101925  
Ion Ratio Lower Upper  
83 100  
55 76.6 60.4 90.6  
98 43.9 35.8 53.8

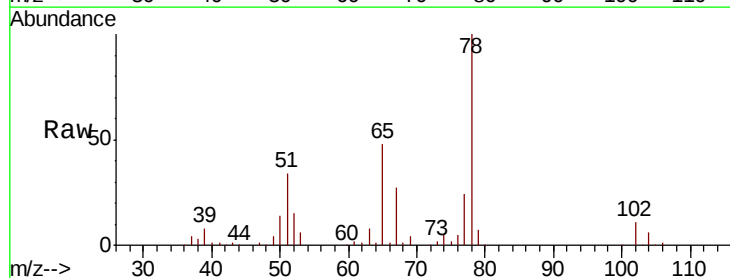


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

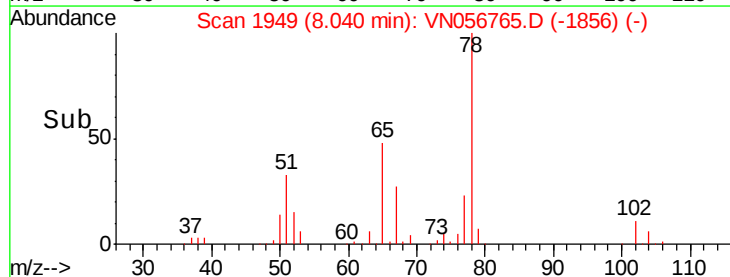
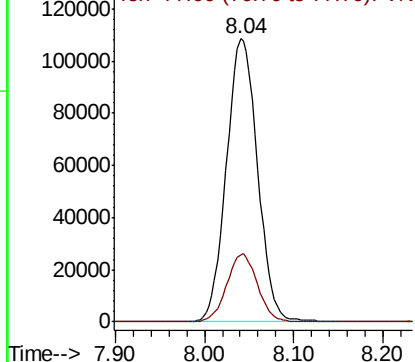


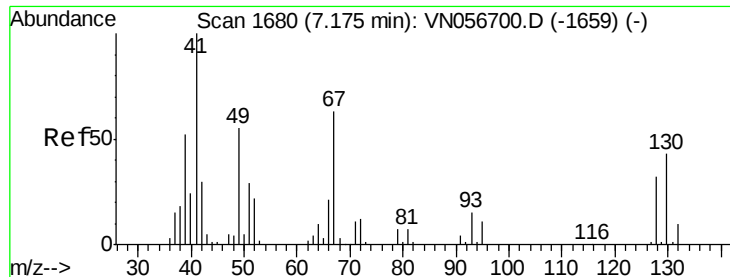
#40  
Benzene  
Concen: 19.514 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Tgt Ion: 78 Resp: 262806  
Ion Ratio Lower Upper  
78 100  
77 23.6 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VN0  
Ion 77.00 (76.70 to 77.70): VN0

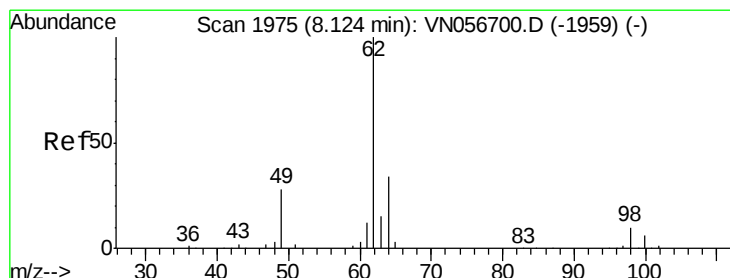
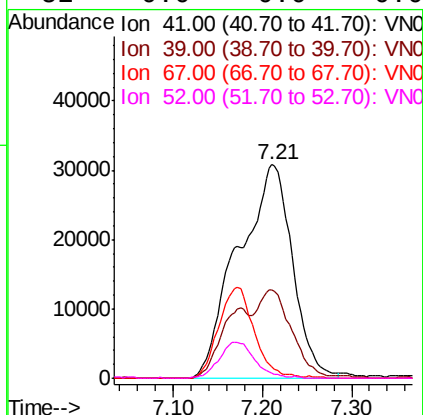
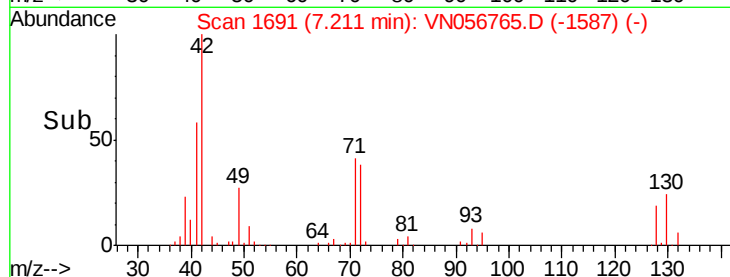
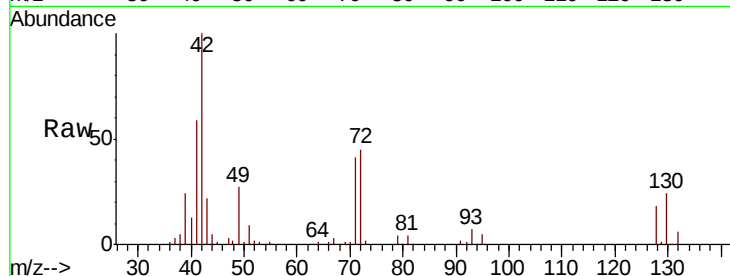




#41  
Methacrylonitrile  
Concen: 68.401 ug/l  
RT: 7.21 min Scan# 1691  
Delta R.T. 0.04 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

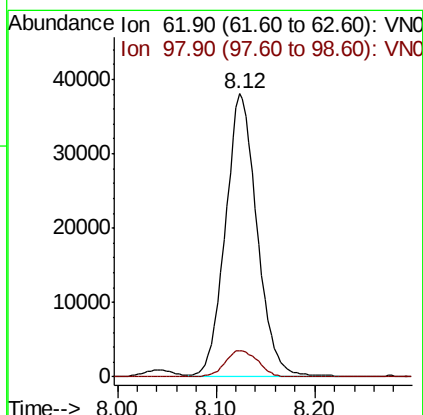
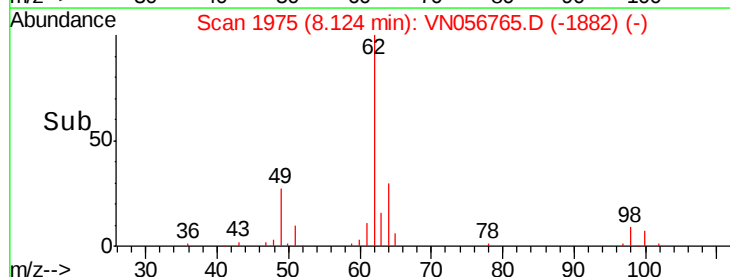
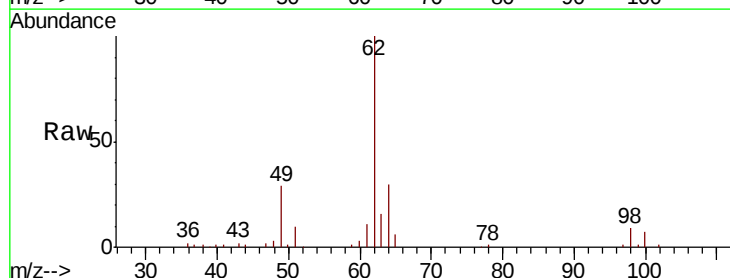
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0716WBSD01

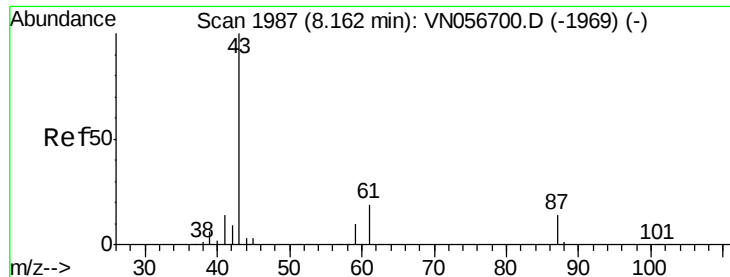
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 130161 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 0.0   | 0.0   | 0.0    |
| 67       | 0.0   | 0.0   | 0.0    |
| 52       | 0.0   | 0.0   | 0.0    |



#42  
1,2-Dichloroethane  
Concen: 20.055 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 85365 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.5   | 0.0   | 19.8  |





#43

Isopropyl Acetate

Concen: 20.244 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0716WBSD01

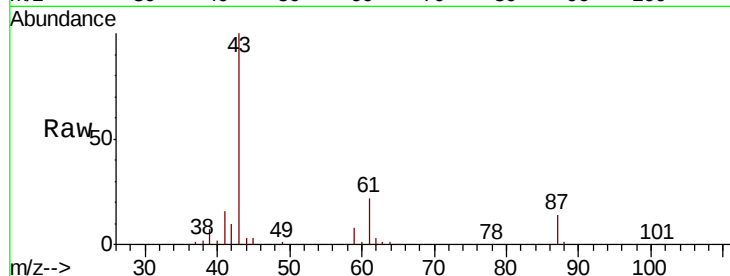
Tot Ion: 43 Resp: 137872

Ion Ratio Lower Upper

43 100

61 28.8 22.3 33.5

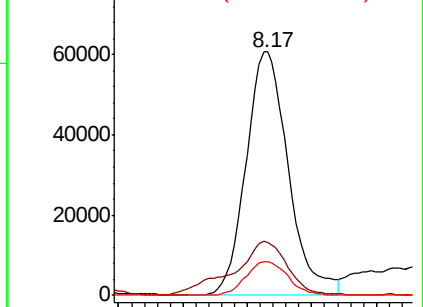
87 13.8 11.1 16.7



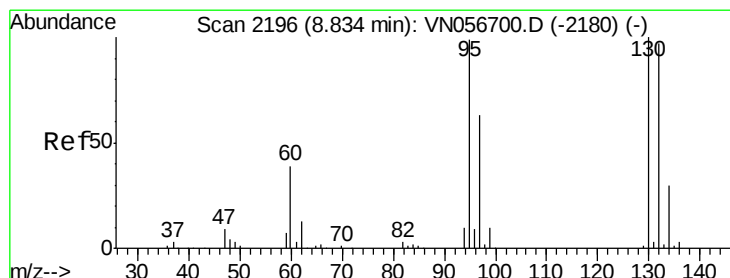
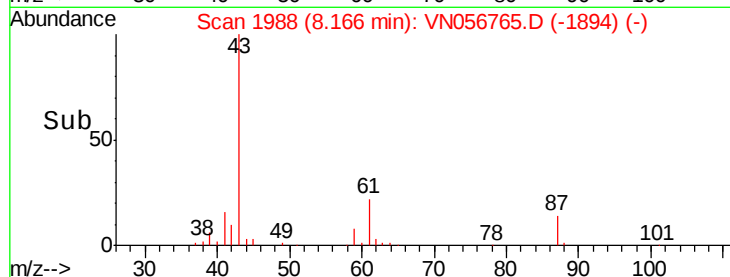
Abundance Ion 43.00 (42.70 to 43.70): VN056700.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN056700.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN056700.D (-1969) (-)



Time-->



#44

Trichloroethene

Concen: 19.460 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056765.D

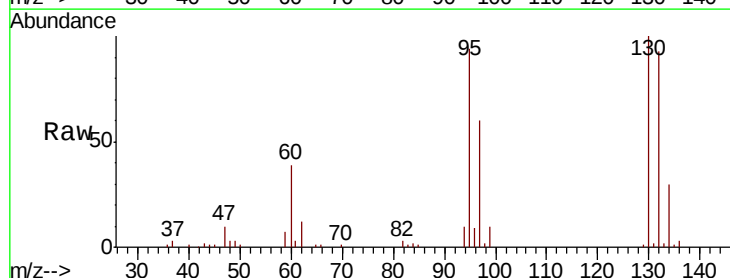
Acq: 16 Jul 2019 13:49

Tgt Ion: 130 Resp: 71169

Ion Ratio Lower Upper

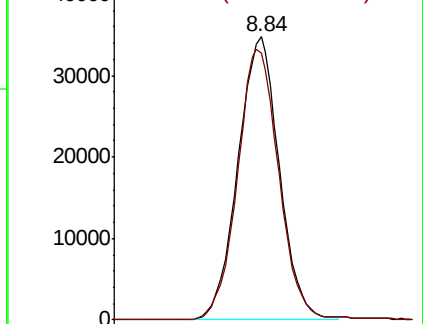
130 100

95 94.2 0.0 197.2

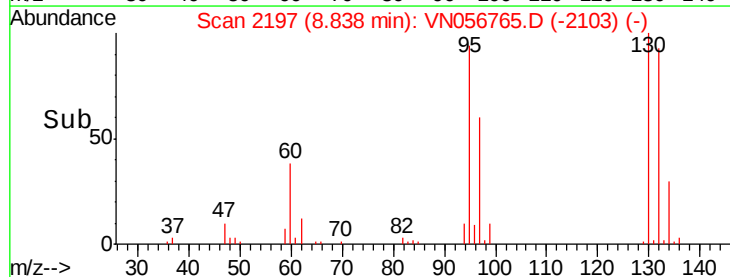


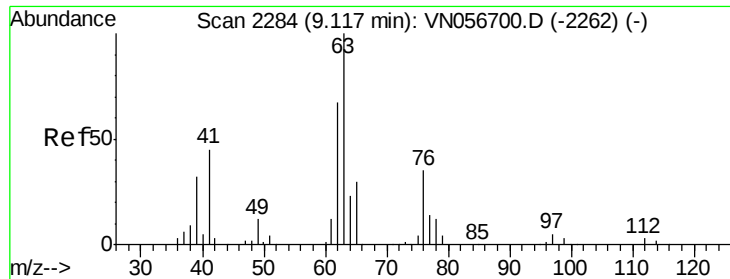
Abundance Ion 129.80 (129.50 to 130.50): VN056700.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN056700.D (-2180) (-)



Time-->





#45

1,2-Dichloropropane

Concen: 20.191 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

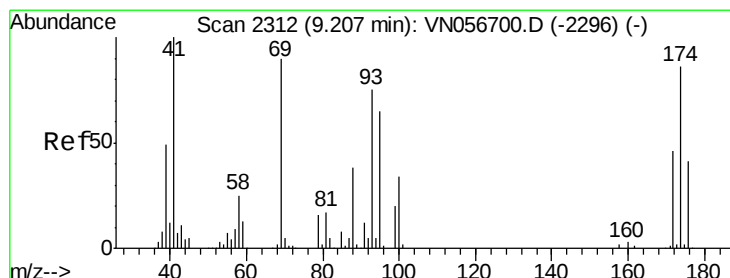
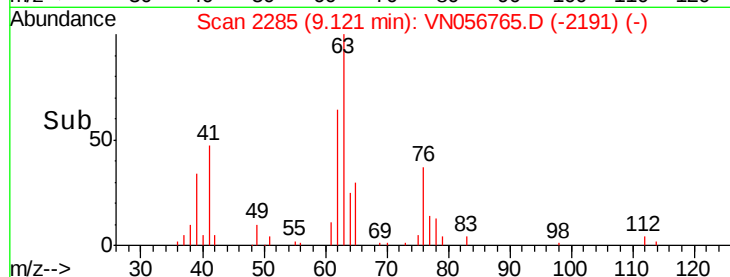
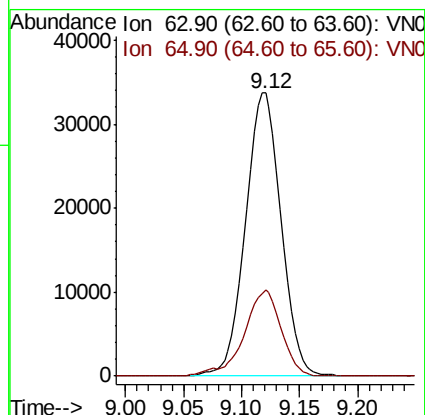
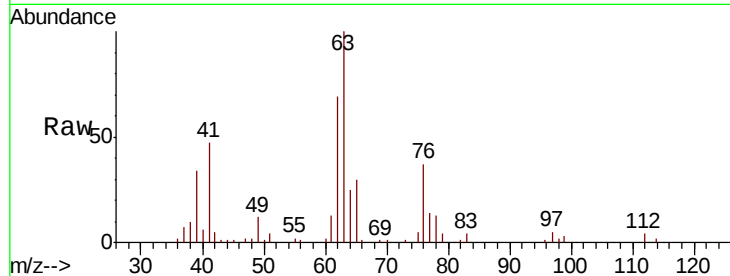
VN0716WBSD01

Tot Ion: 63 Resp: 72257

Ion Ratio Lower Upper

63 100

65 30.3 24.0 36.0



#46

Dibromomethane

Concen: 20.176 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

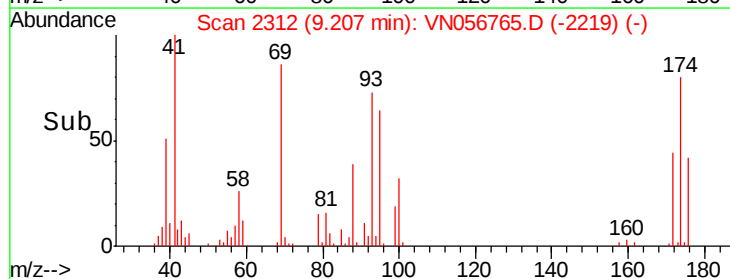
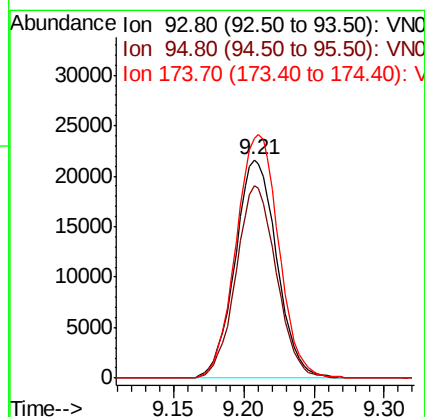
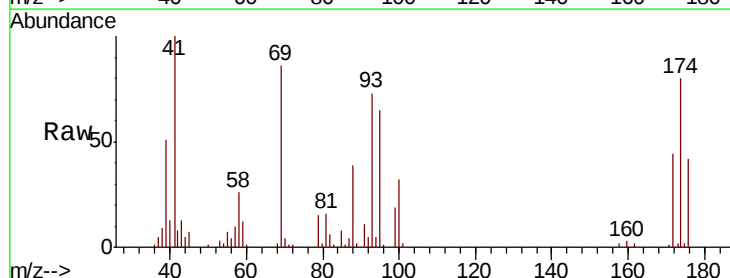
Tgt Ion: 93 Resp: 44745

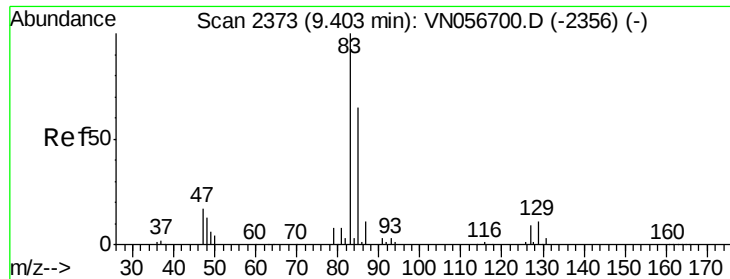
Ion Ratio Lower Upper

93 100

95 85.3 67.4 101.0

174 114.0 90.3 135.5

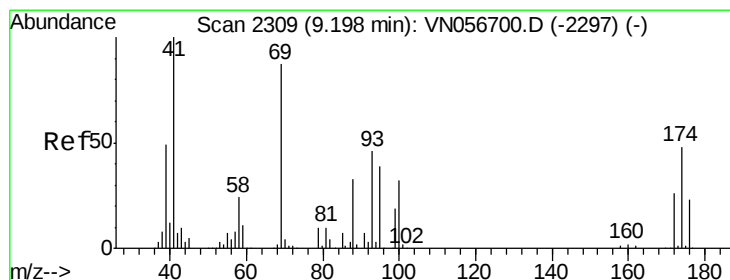
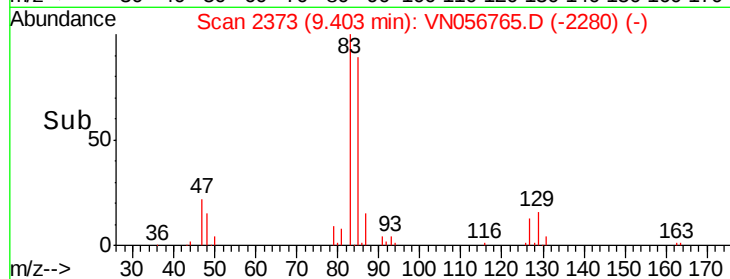
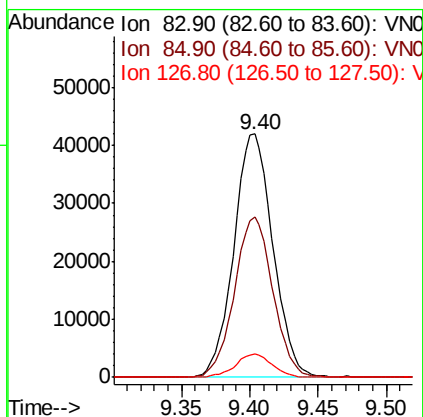
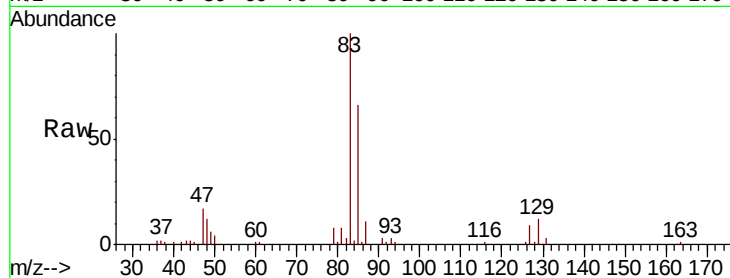




#47  
Bromodichloromethane  
Concen: 19.785 ug/l  
RT: 9.40 min Scan# 2373  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

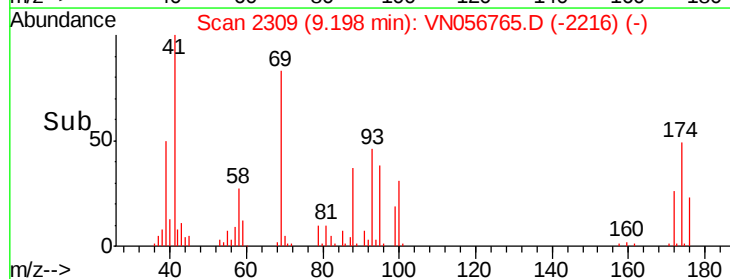
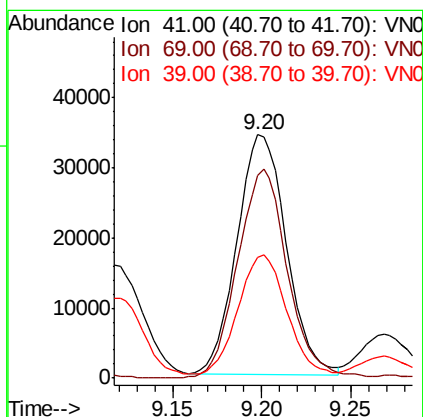
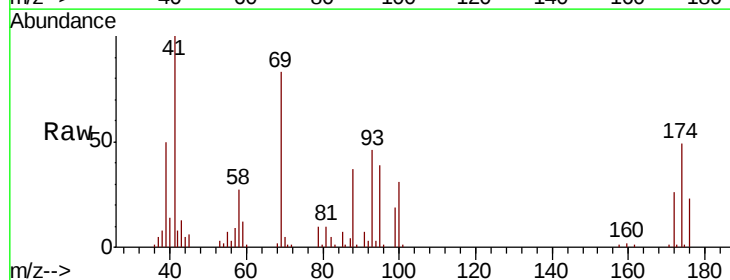
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0716WBSD01

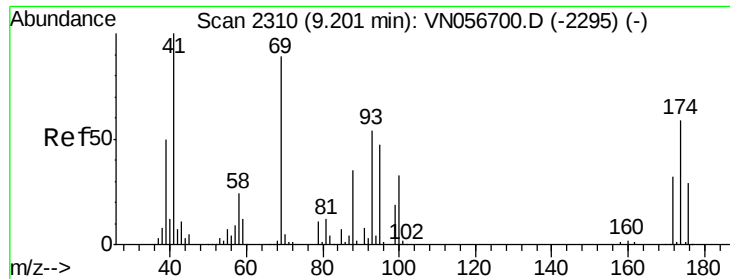
Tot Ion: 83 Resp: 83377  
Ion Ratio Lower Upper  
83 100  
85 65.9 52.3 78.5  
127 9.4 7.6 11.4



#48  
Methyl methacrylate  
Concen: 20.066 ug/l  
RT: 9.20 min Scan# 2309  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Tgt Ion: 41 Resp: 66089  
Ion Ratio Lower Upper  
41 100  
69 88.0 71.4 107.0  
39 51.6 41.2 61.8

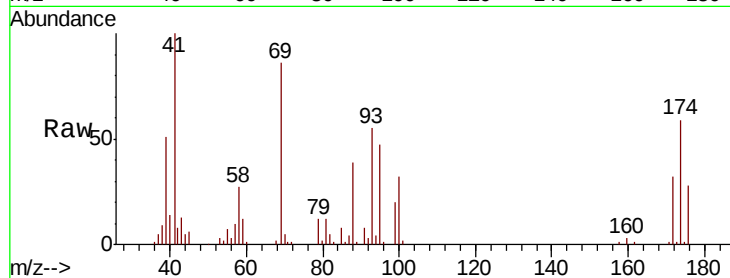




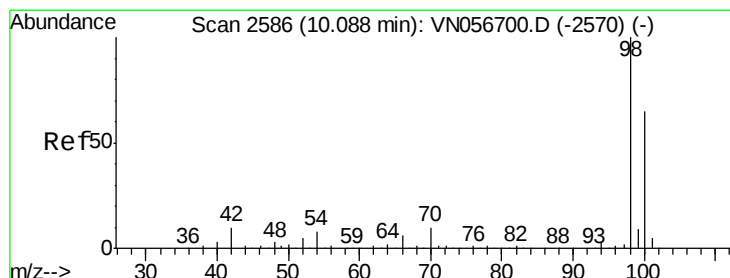
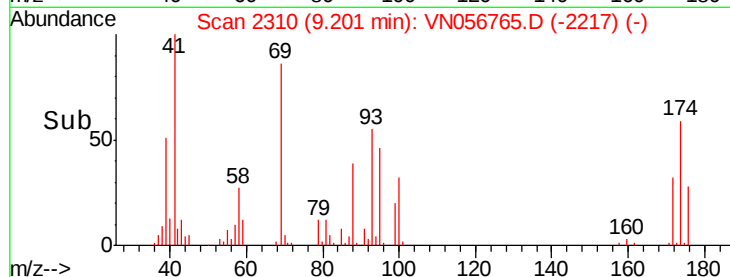
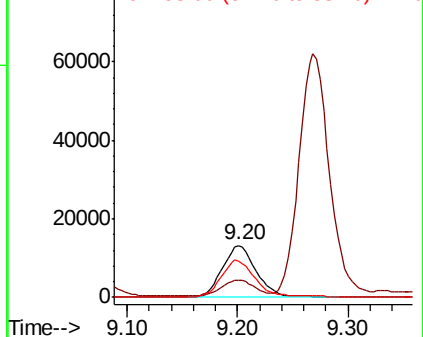
#49  
 1,4-Dioxane  
 Concen: 421.653 ug/l  
 RT: 9.20 min Scan# 2310  
 Delta R.T. 0.00 min  
 Lab File: VN056765.D  
 Acq: 16 Jul 2019 13:49

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0716WBSD01

Tot Ion: 88 Resp: 28496  
 Ion Ratio Lower Upper  
 88 100  
 43 29.9 23.7 35.5  
 58 70.6 55.6 83.4

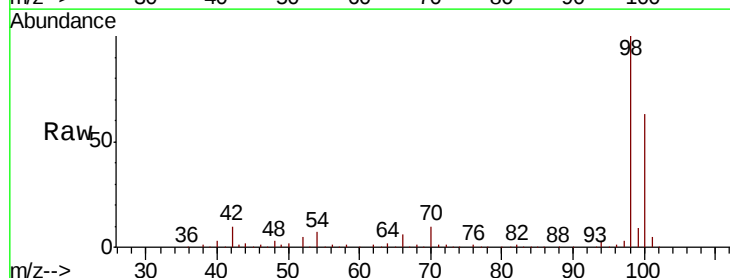


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

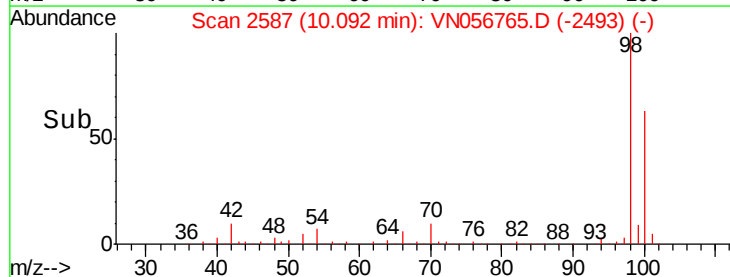
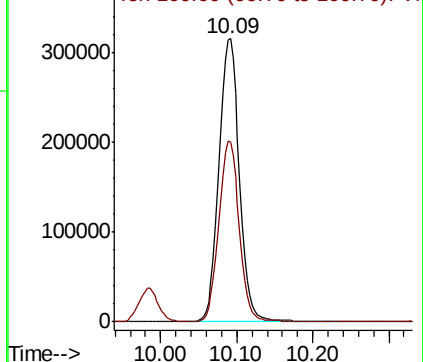


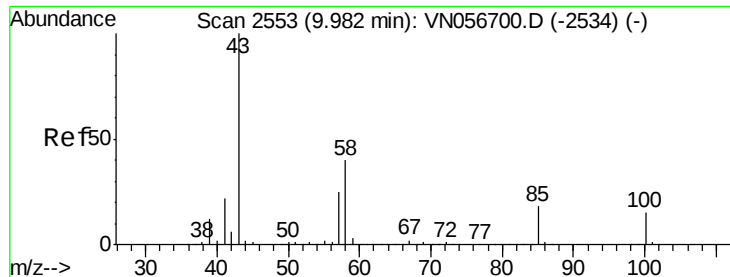
#50  
 Toluene-d8  
 Concen: 51.616 ug/l  
 RT: 10.09 min Scan# 2587  
 Delta R.T. 0.00 min  
 Lab File: VN056765.D  
 Acq: 16 Jul 2019 13:49

Tgt Ion: 98 Resp: 589284  
 Ion Ratio Lower Upper  
 98 100  
 100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0  
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 101.548 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampled :

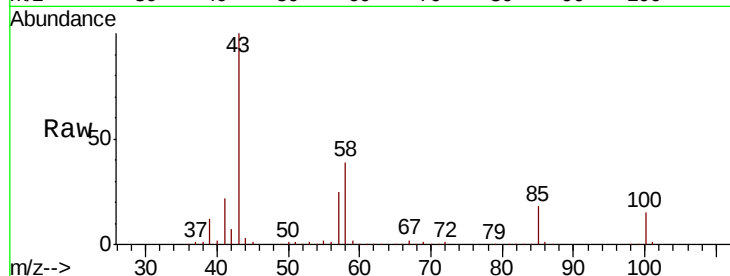
VN0716WBSD01

Tot Ion: 43 Resp: 447931

Ion Ratio Lower Upper

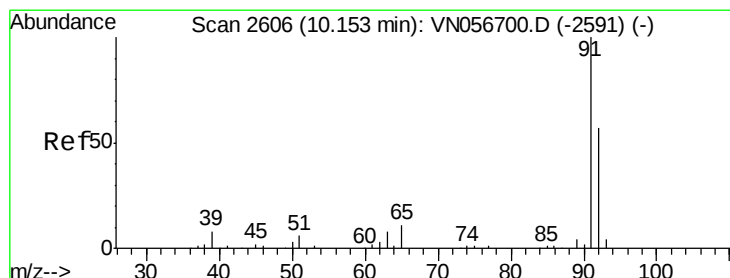
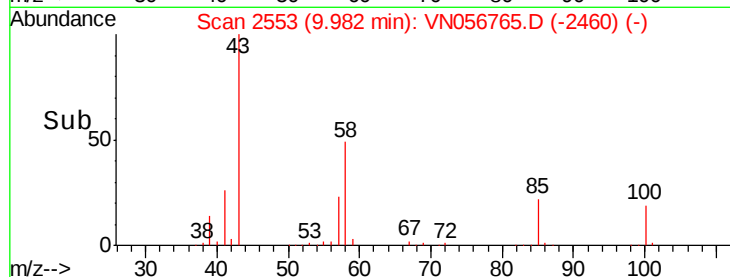
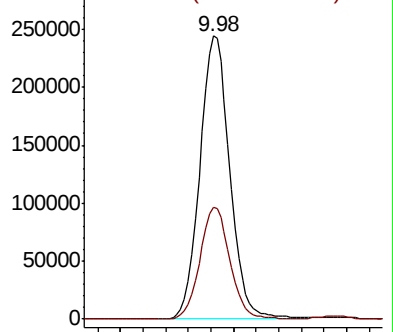
43 100

58 39.4 32.0 48.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.128 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056765.D

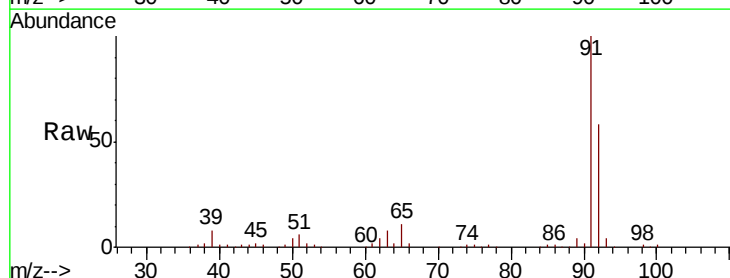
Acq: 16 Jul 2019 13:49

Tgt Ion: 92 Resp: 160986

Ion Ratio Lower Upper

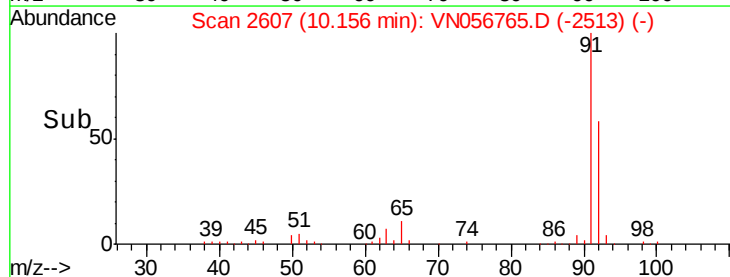
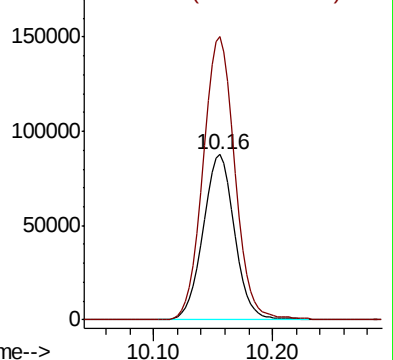
92 100

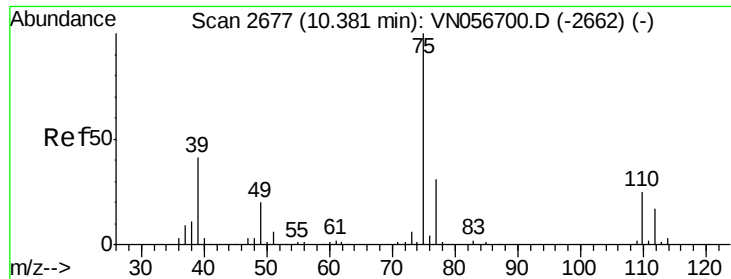
91 173.4 139.9 209.9



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: 19.068 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

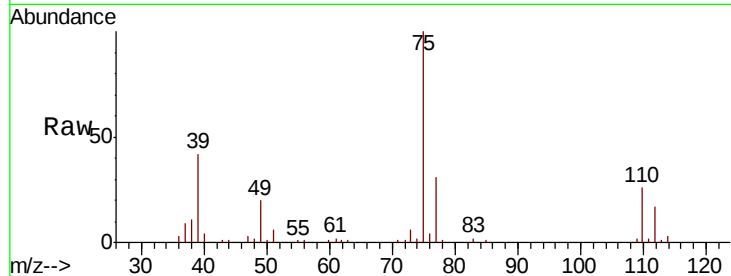
VN0716WBSD01

Tot Ion: 75 Resp: 83836

Ion Ratio Lower Upper

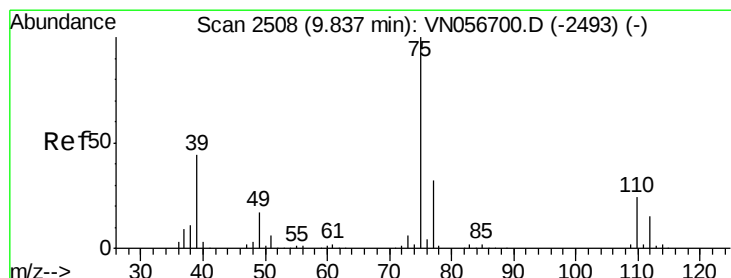
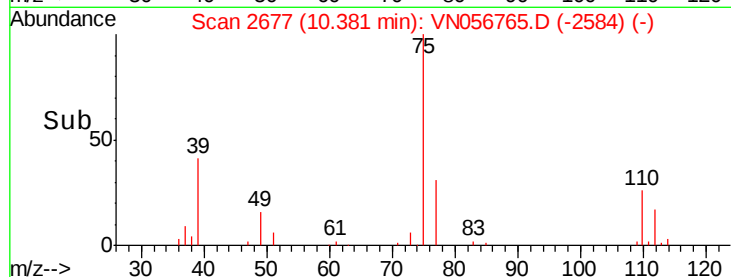
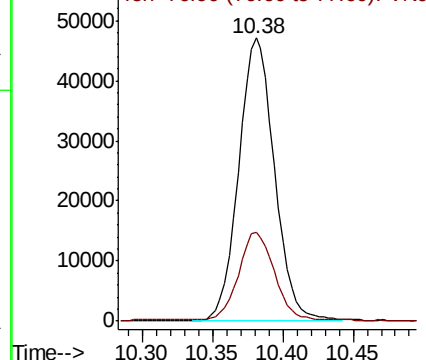
75 100

77 30.9 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.232 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

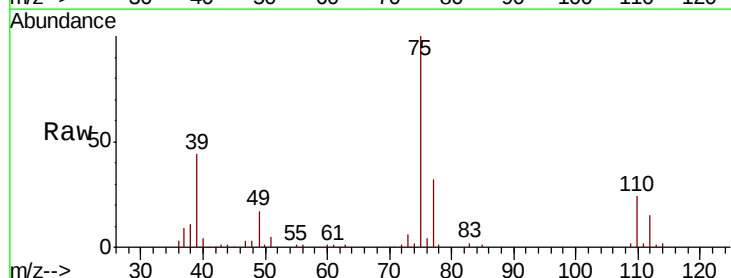
Tgt Ion: 75 Resp: 98123

Ion Ratio Lower Upper

75 100

77 31.5 26.0 39.0

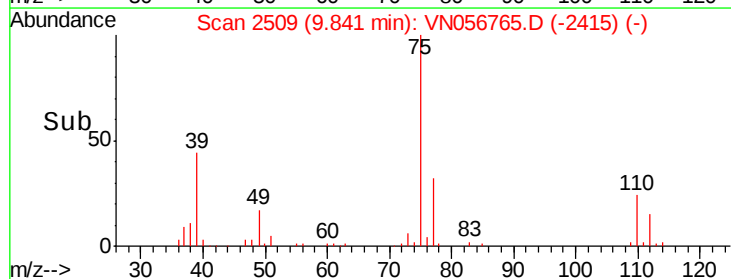
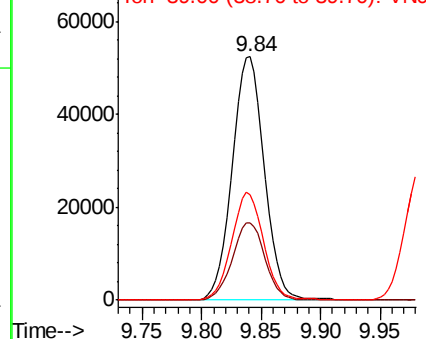
39 43.5 35.1 52.7

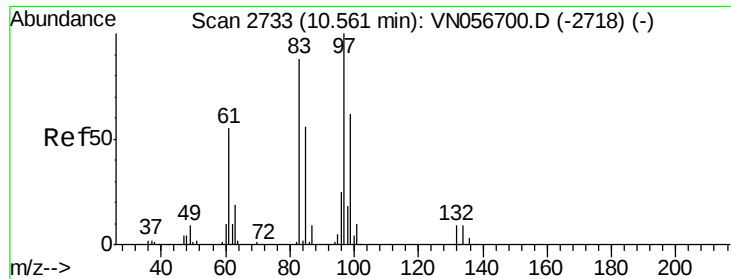


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 19.743 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0716WBSD01

Tot Ion: 97 Resp: 66231

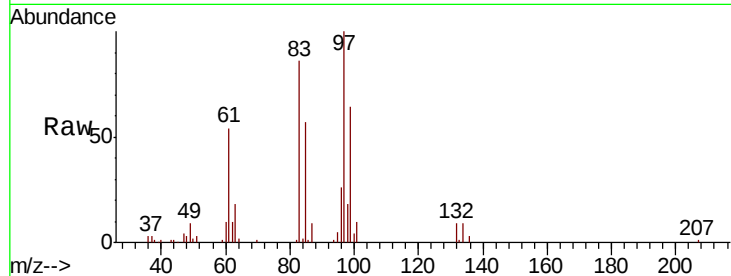
Ion Ratio Lower Upper

97 100

83 85.6 70.3 105.5

85 57.3 44.8 67.2

99 63.9 49.6 74.4

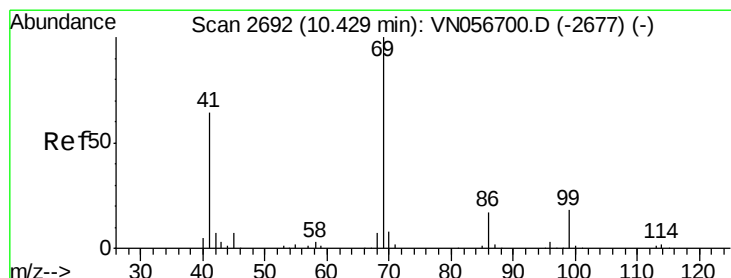
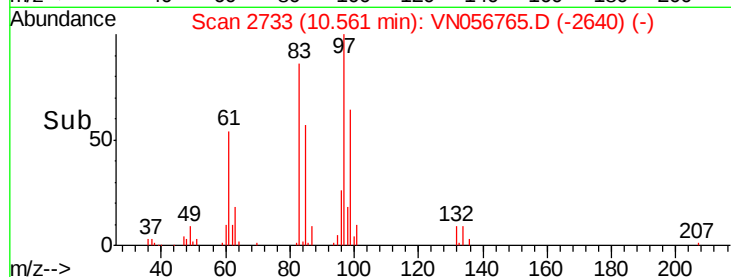
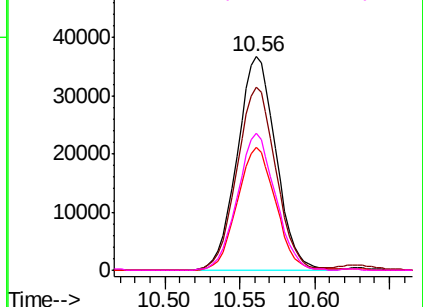


Abundance Ion 96.90 (96.60 to 97.60): VN0

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



#56

Ethyl methacrylate

Concen: 20.409 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

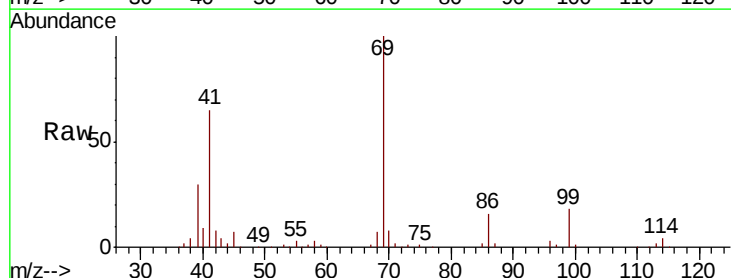
Tgt Ion: 69 Resp: 98515

Ion Ratio Lower Upper

69 100

41 63.7 51.0 76.4

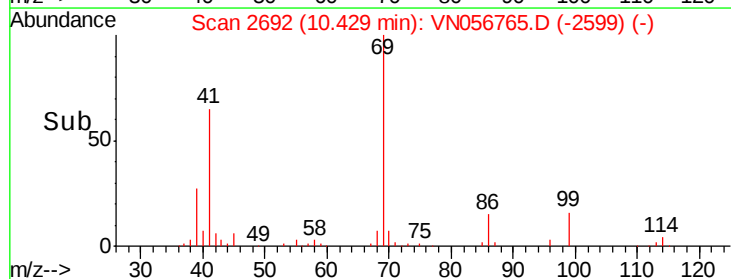
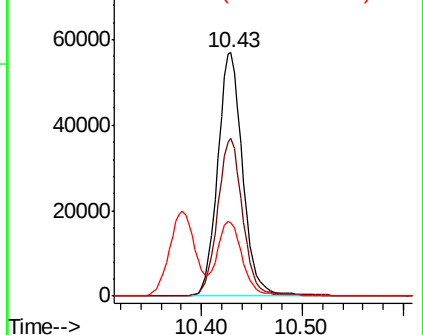
39 29.7 24.6 36.8

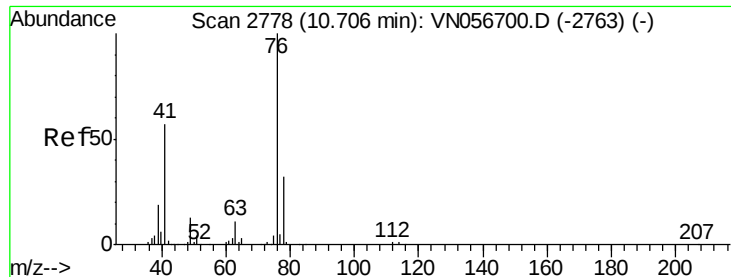


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

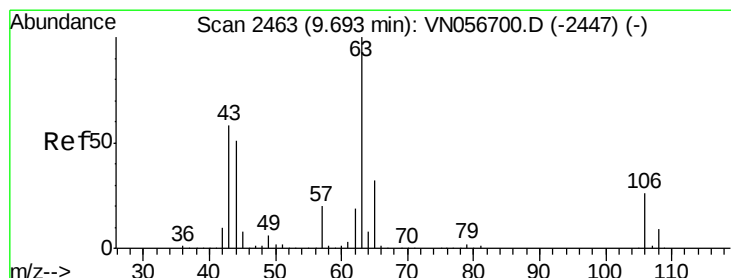
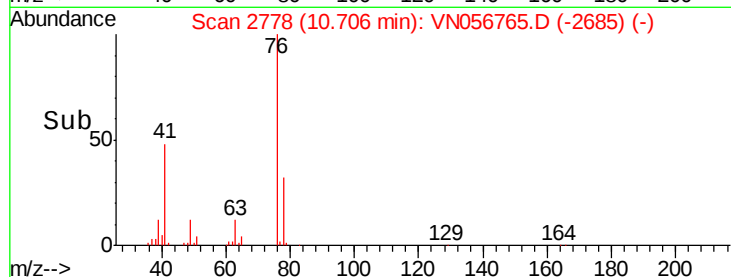
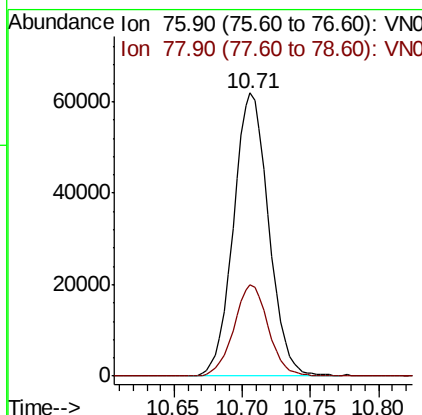
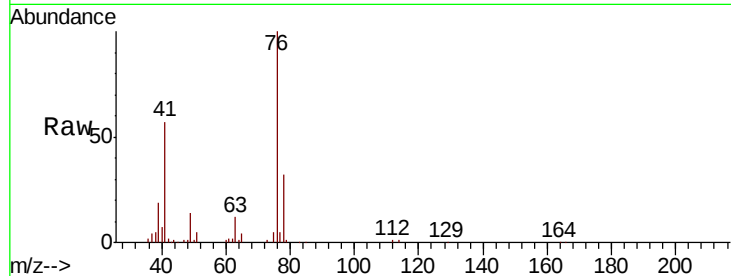




#57  
 1,3-Dichloropropane  
 Concen: 20.210 ug/l  
 RT: 10.71 min Scan# 2778  
 Delta R.T. 0.00 min  
 Lab File: VN056765.D  
 Acq: 16 Jul 2019 13:49

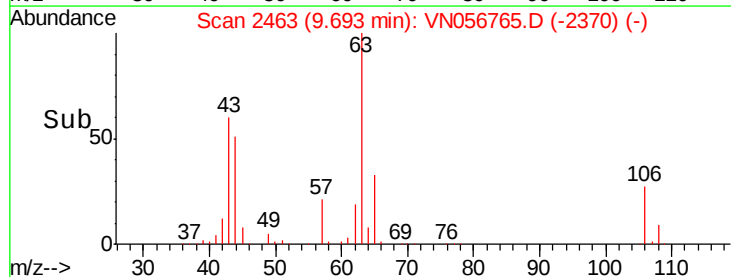
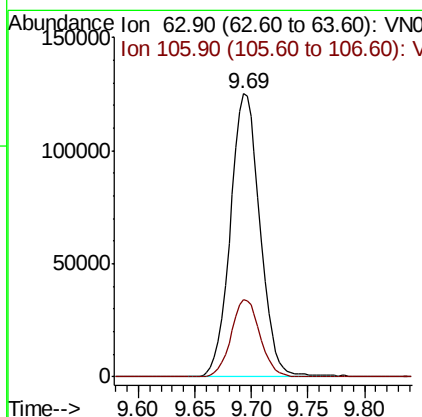
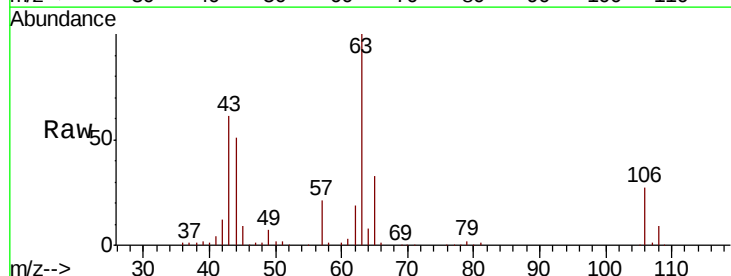
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0716WBSD01

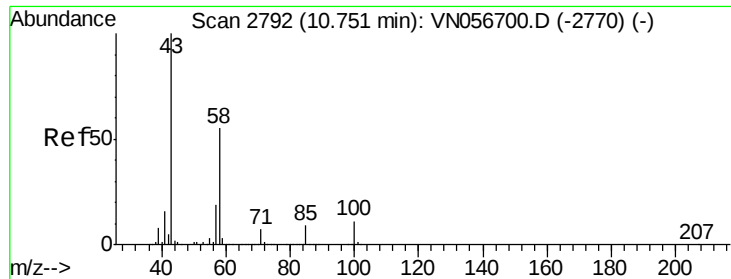
Tot Ion: 76 Resp: 110732  
 Ion Ratio Lower Upper  
 76 100  
 78 31.5 26.0 39.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 98.435 ug/l  
 RT: 9.69 min Scan# 2463  
 Delta R.T. 0.00 min  
 Lab File: VN056765.D  
 Acq: 16 Jul 2019 13:49

Tgt Ion: 63 Resp: 228484  
 Ion Ratio Lower Upper  
 63 100  
 106 26.8 21.2 31.8

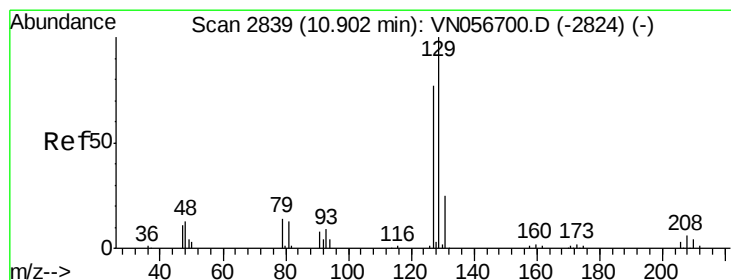
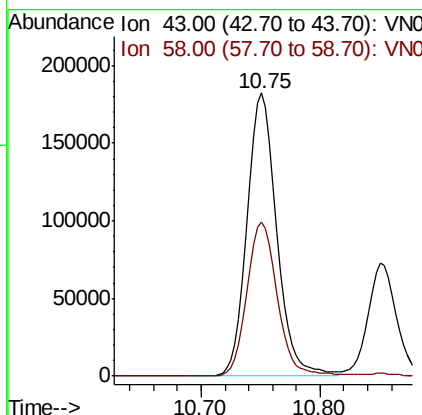
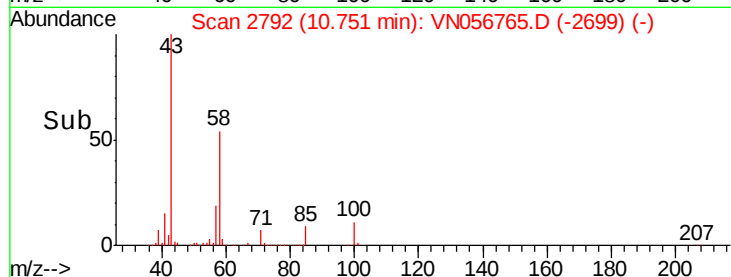
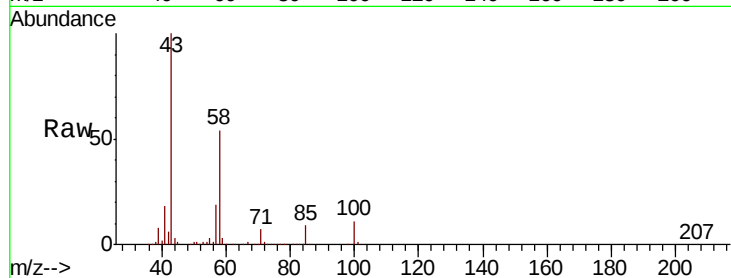




#59  
2-Hexanone  
Concen: 99.421 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

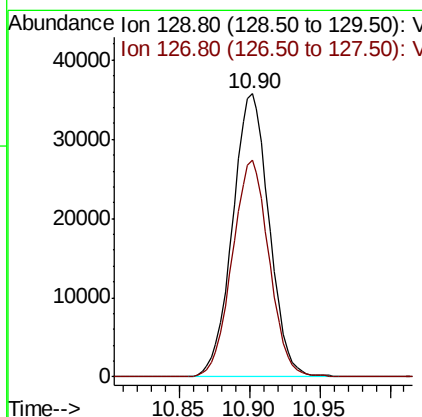
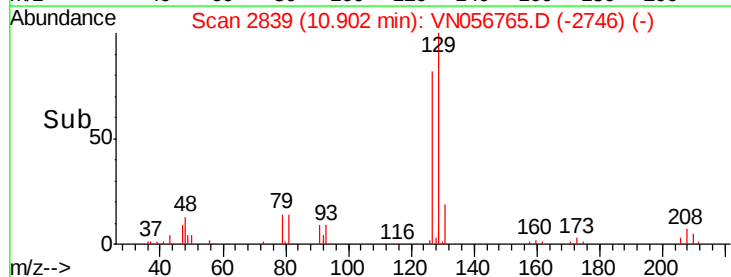
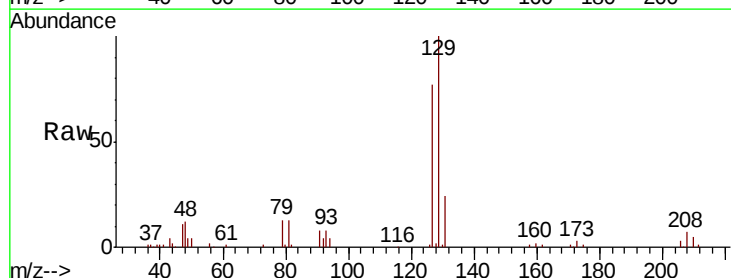
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0716WBSD01

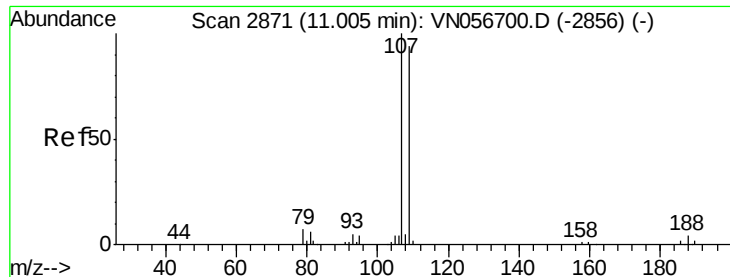
Tot Ion: 43 Resp: 314675  
Ion Ratio Lower Upper  
43 100  
58 55.9 27.9 83.6



#60  
Dibromochloromethane  
Concen: 19.682 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Tgt Ion: 129 Resp: 64937  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.377 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

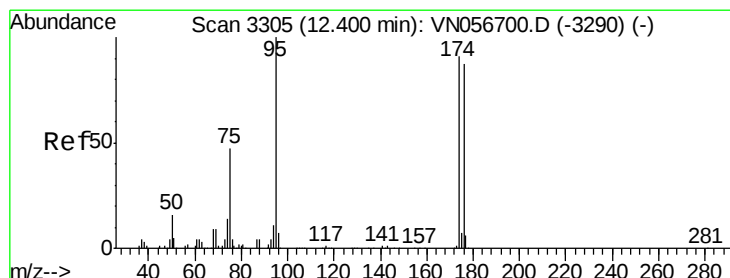
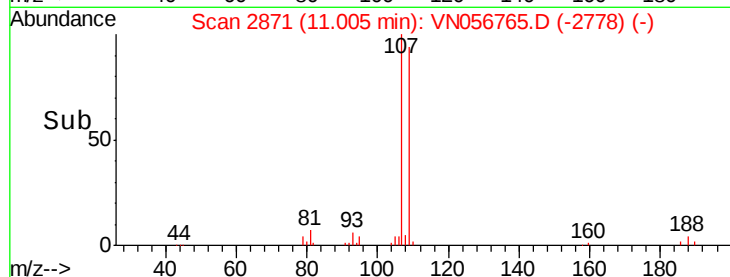
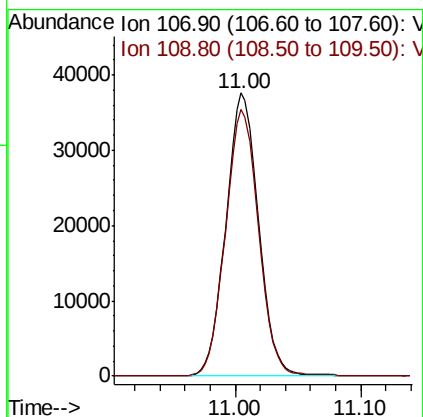
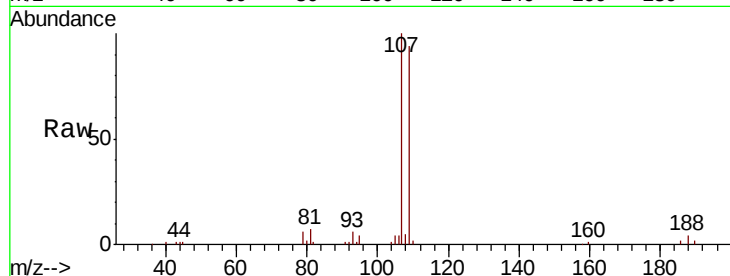
VN0716WBSD01

Tot Ion:107 Resp: 67936

Ion Ratio Lower Upper

107 100

109 95.1 76.2 114.4



#62

4-Bromofluorobenzene

Concen: 49.530 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

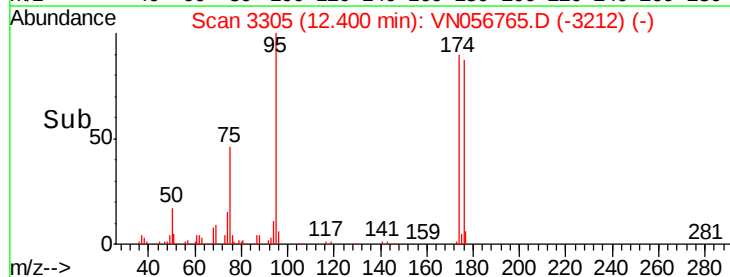
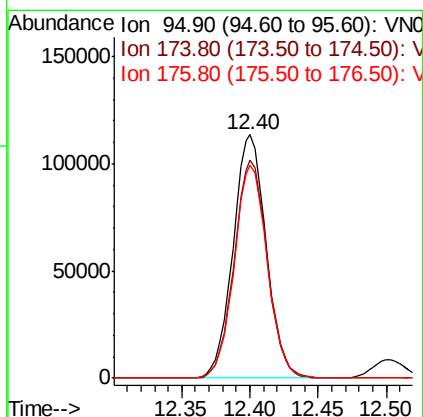
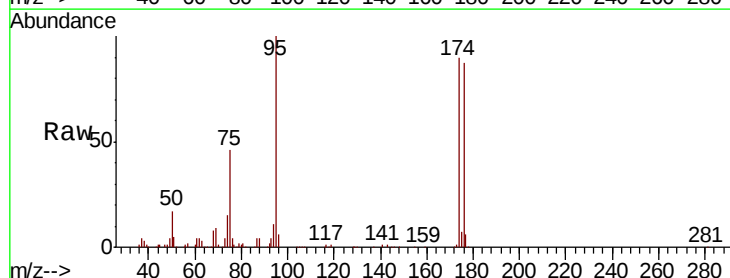
Tgt Ion: 95 Resp: 190696

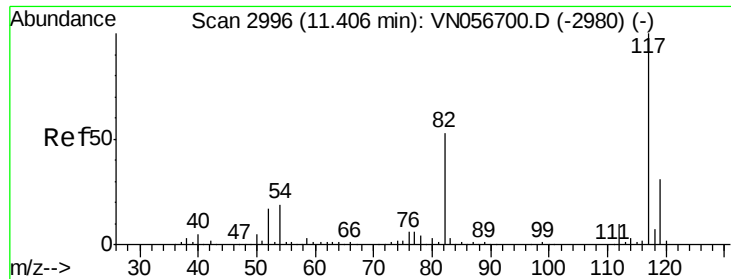
Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.0

176 87.3 0.0 173.2

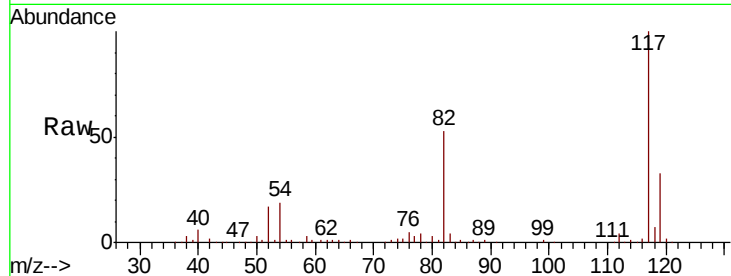




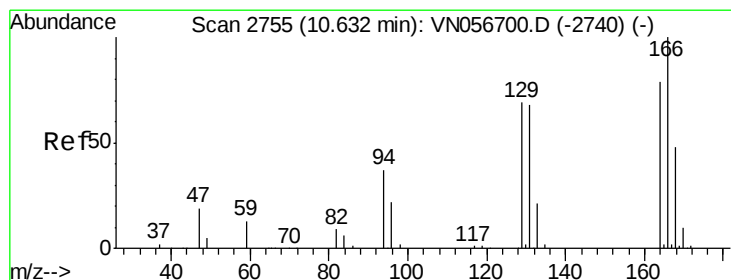
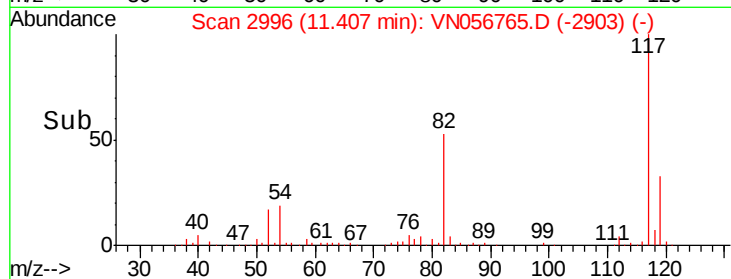
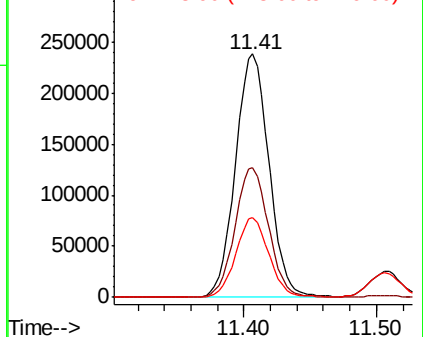
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0716WBSD01

Tot Ion:117 Resp: 418520  
Ion Ratio Lower Upper  
117 100  
82 53.4 42.2 63.2  
119 32.9 25.2 37.8

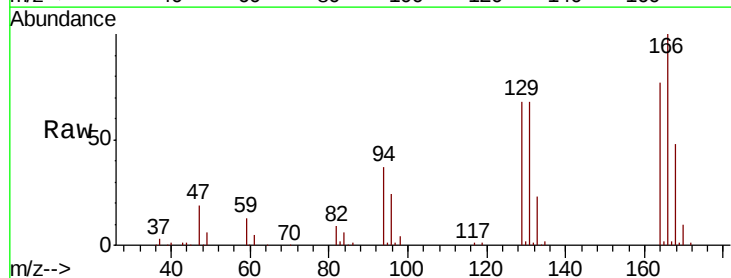


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

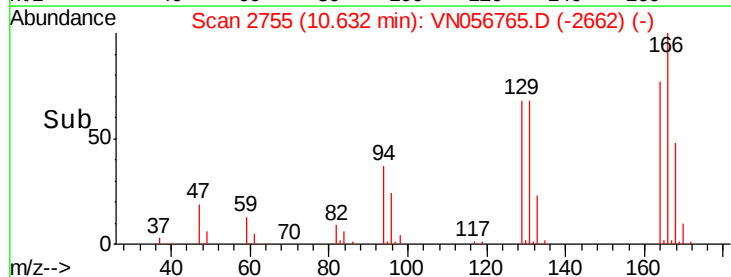
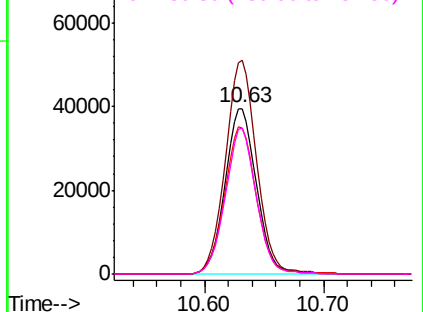


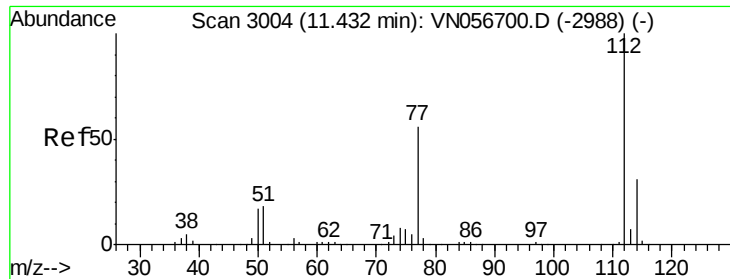
#64  
Tetrachloroethene  
Concen: 20.058 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Tgt Ion:164 Resp: 72424  
Ion Ratio Lower Upper  
164 100  
166 129.1 101.4 152.2  
129 88.4 69.6 104.4  
131 88.4 69.0 103.4



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

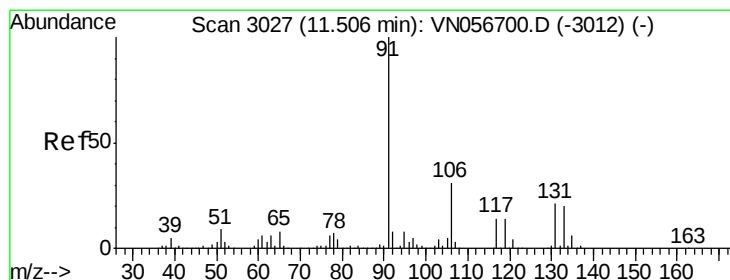
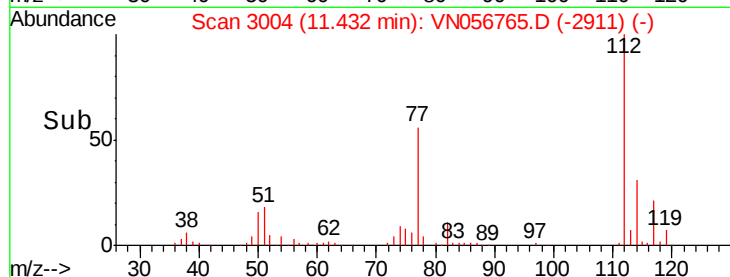
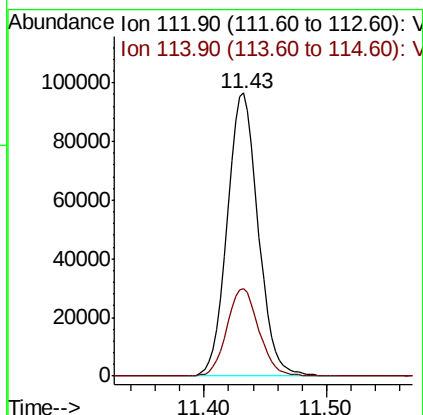
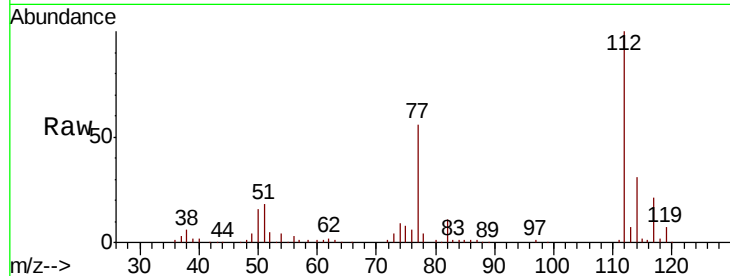




#65  
Chlorobenzene  
Concen: 20.005 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

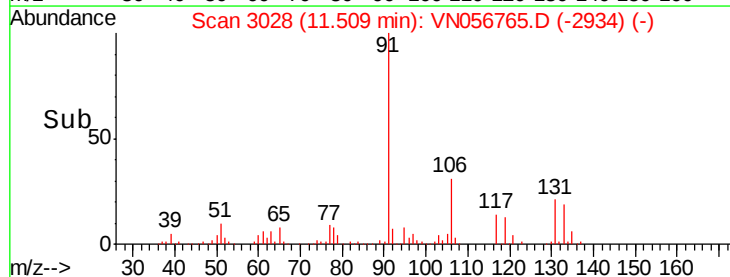
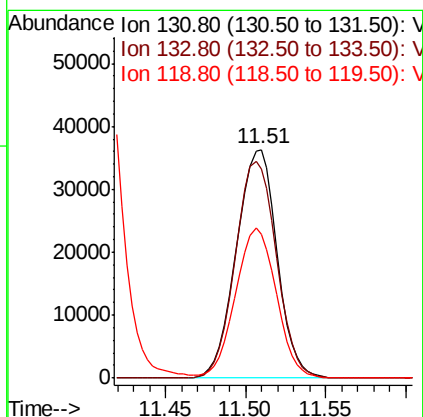
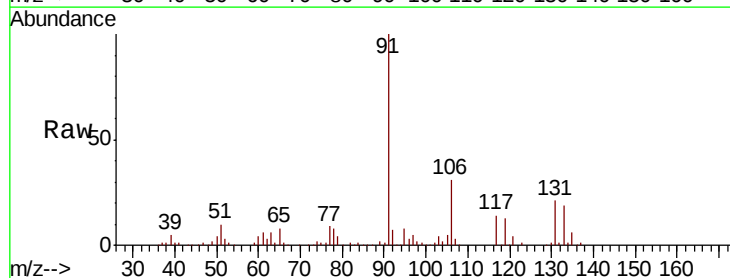
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0716WBSD01

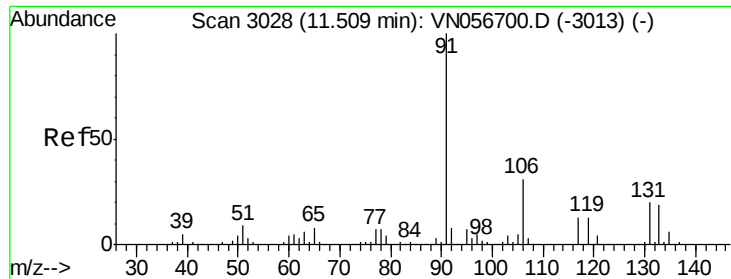
Tot Ion:112 Resp: 171192  
Ion Ratio Lower Upper  
112 100  
114 31.1 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.974 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Tgt Ion:131 Resp: 62936  
Ion Ratio Lower Upper  
131 100  
133 96.0 46.9 140.7  
119 65.9 32.8 98.3

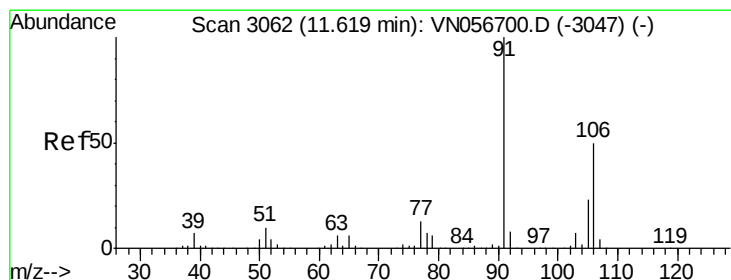
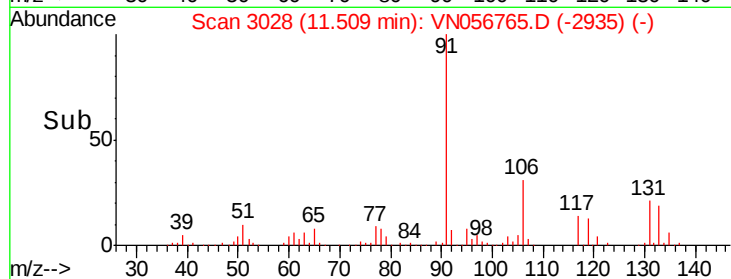
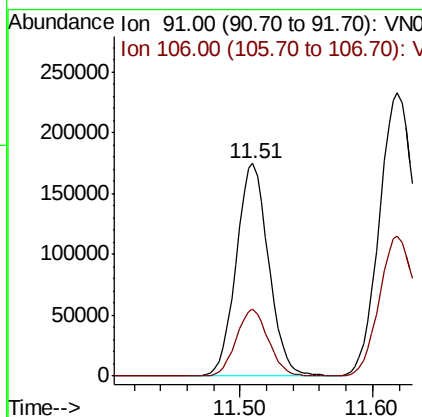
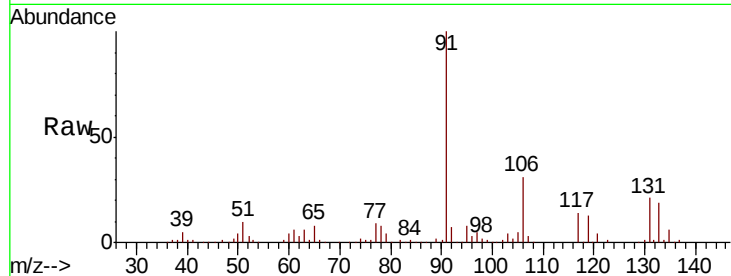




#67  
Ethyl Benzene  
Concen: 19.701 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

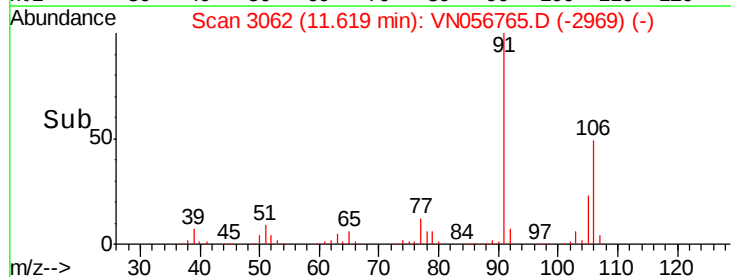
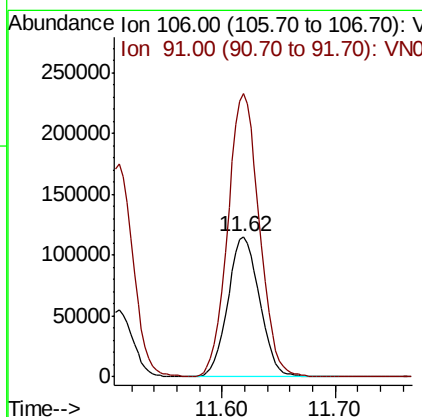
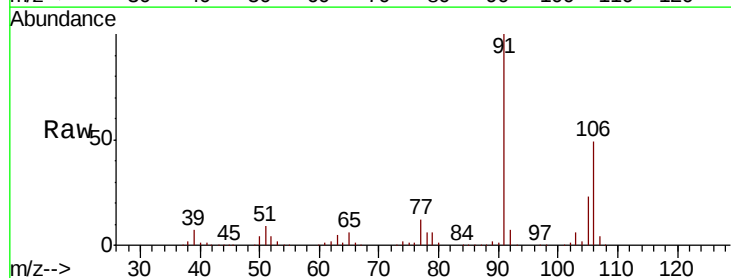
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0716WBSD01

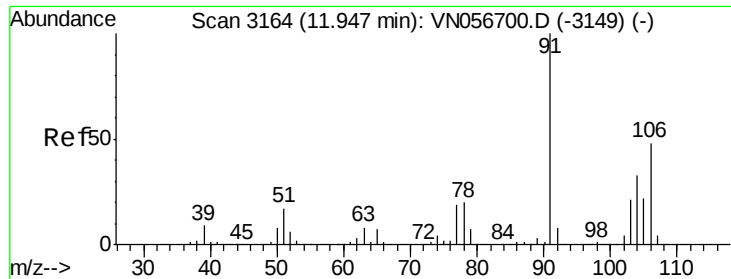
Tot Ion: 91 Resp: 296288  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.8 37.2



#68  
m/p-Xylenes  
Concen: 40.038 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Tgt Ion: 106 Resp: 225037  
Ion Ratio Lower Upper  
106 100  
91 199.6 160.5 240.7

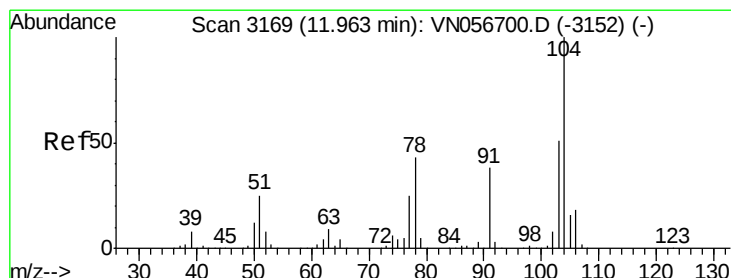
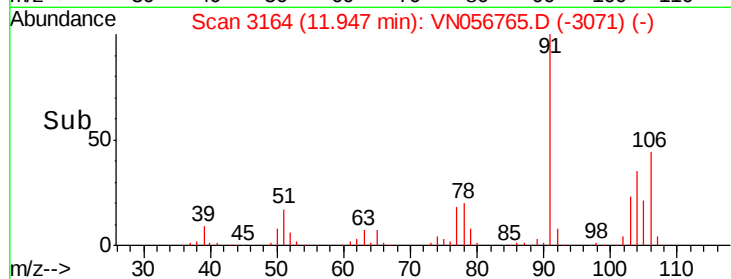
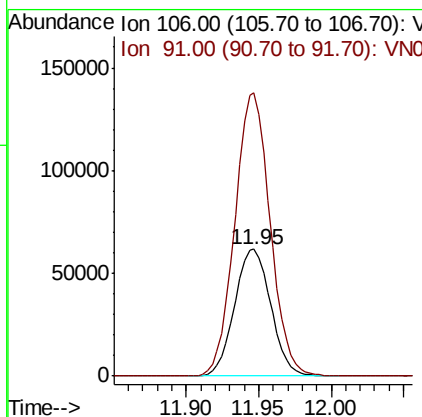
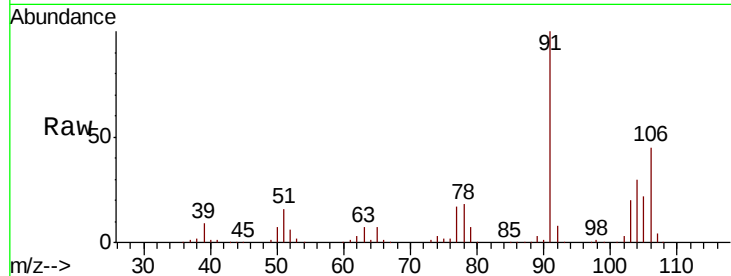




#69  
o-Xylene  
Concen: 19.438 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

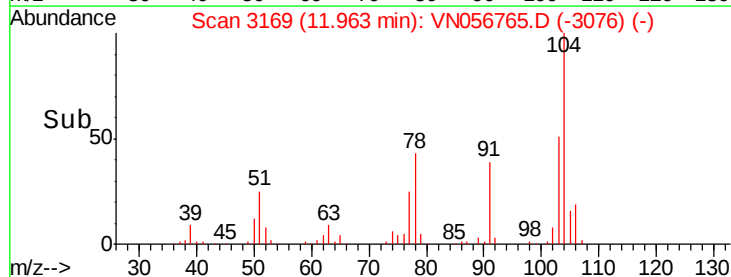
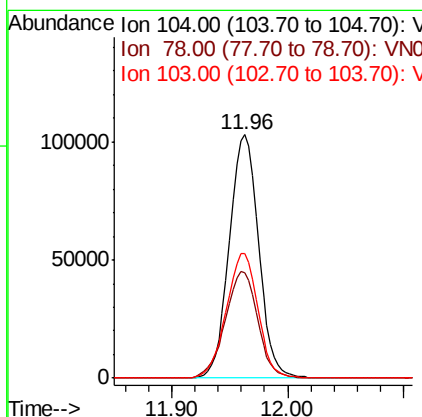
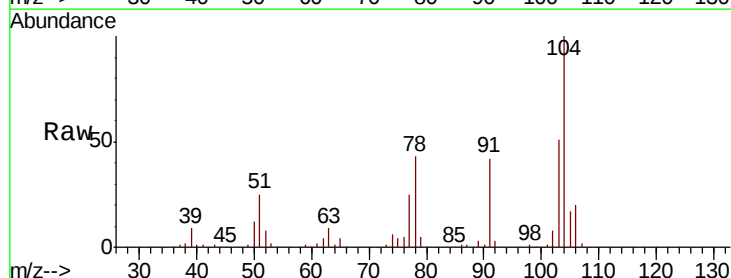
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0716WBSD01

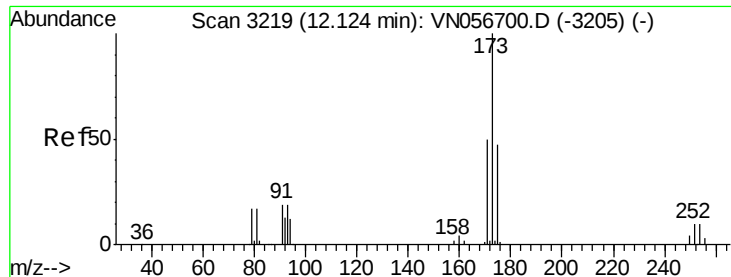
Tot Ion:106 Resp: 107407  
Ion Ratio Lower Upper  
106 100  
91 217.6 105.6 316.8



#70  
Styrene  
Concen: 20.151 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Tgt Ion:104 Resp: 180021  
Ion Ratio Lower Upper  
104 100  
78 48.2 38.6 57.8  
103 55.5 44.2 66.4





#71

Bromoform

Concen: 19.313 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0716WBSD01

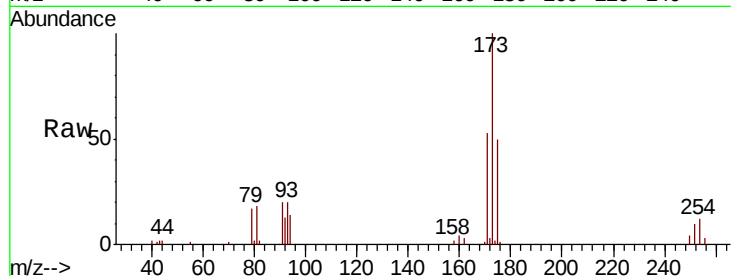
Tot Ion:173 Resp: 46301

Ion Ratio Lower Upper

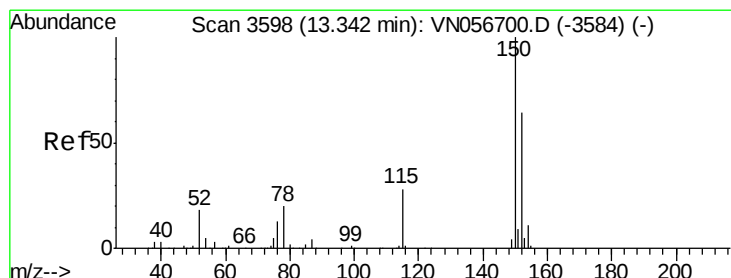
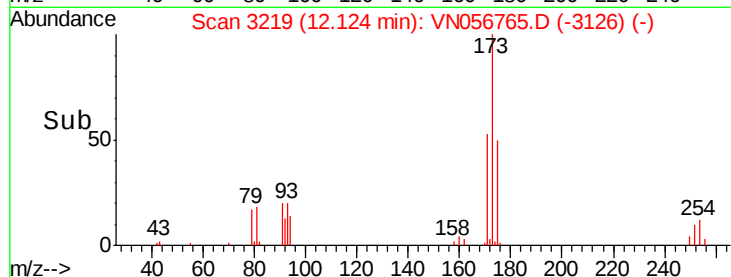
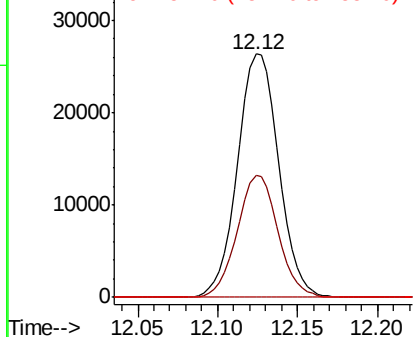
173 100

175 49.3 23.8 71.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

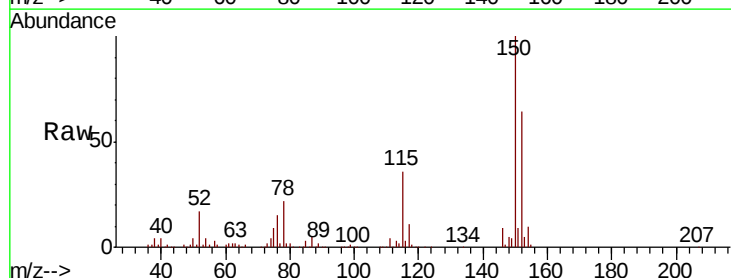
Tgt Ion:152 Resp: 176347

Ion Ratio Lower Upper

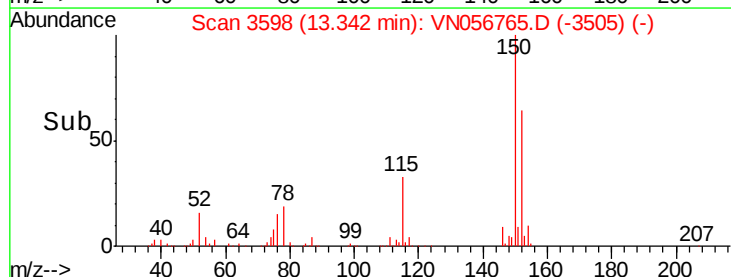
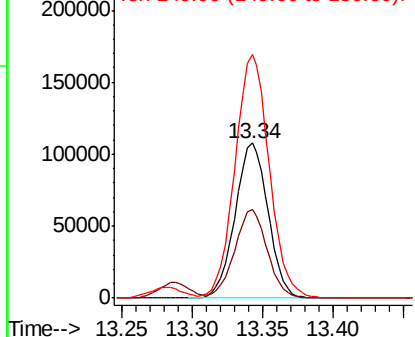
152 100

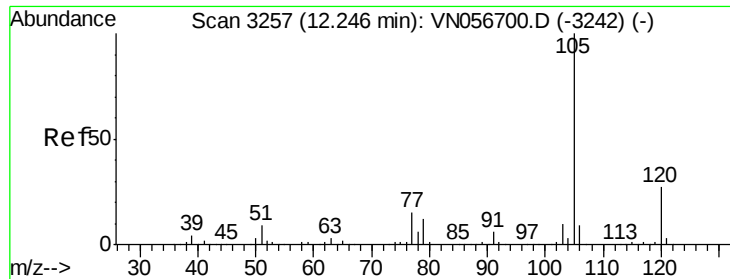
115 56.3 28.2 84.7

150 163.2 0.0 345.8



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





#73

Isopropylbenzene

Concen: 20.064 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

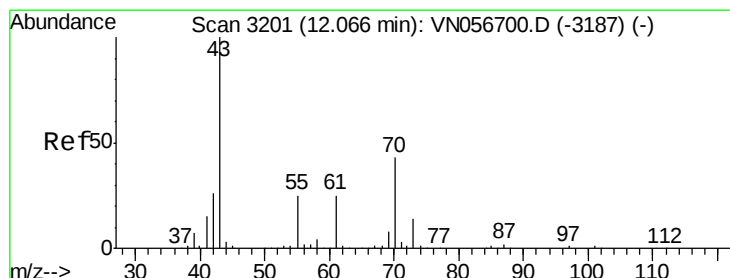
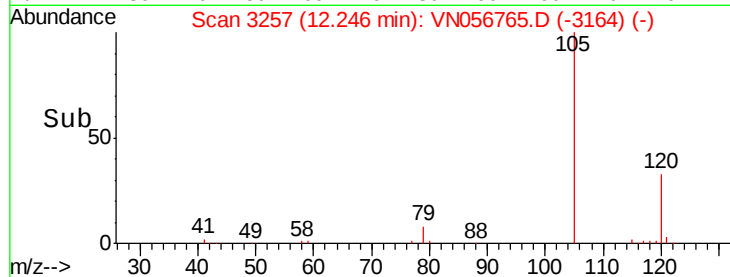
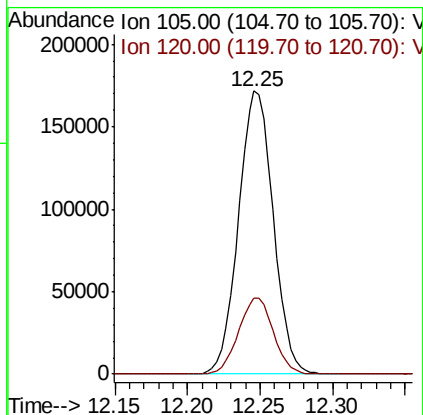
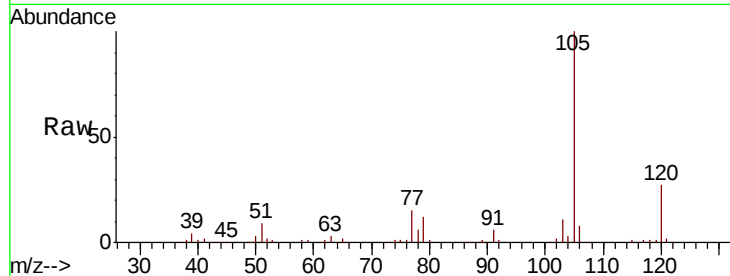
VN0716WBSD01

Tot Ion:105 Resp: 285294

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 19.737 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Tgt Ion: 43 Resp: 104520

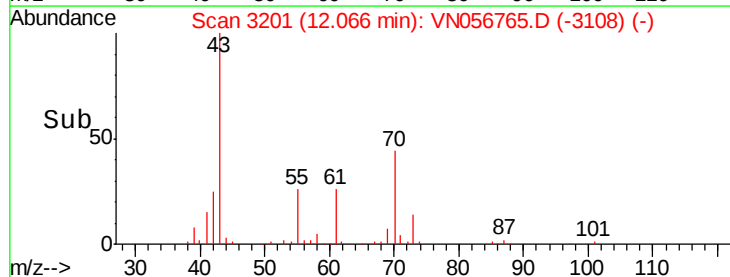
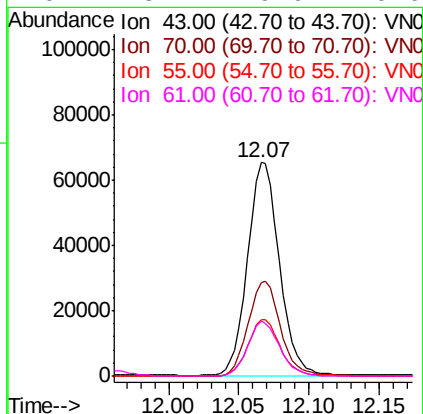
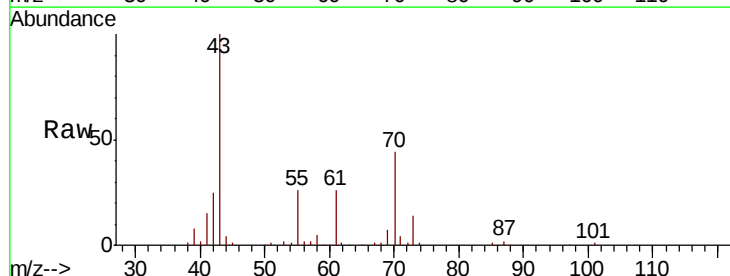
Ion Ratio Lower Upper

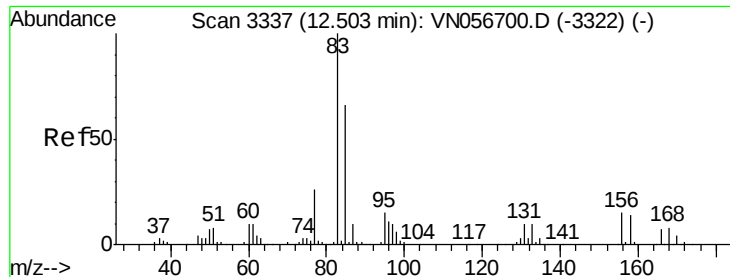
43 100

70 44.5 34.5 51.7

55 26.4 20.2 30.2

61 25.2 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.792 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampled :

VN0716WBSD01

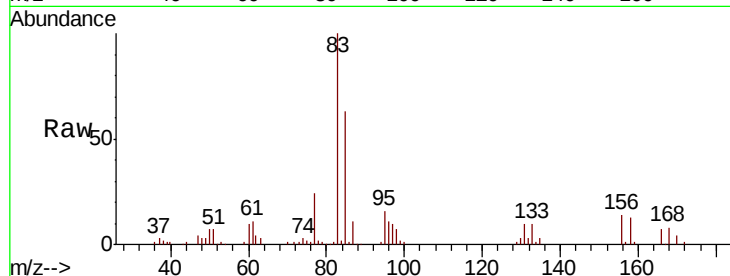
Tot Ion: 83 Resp: 94241

Ion Ratio Lower Upper

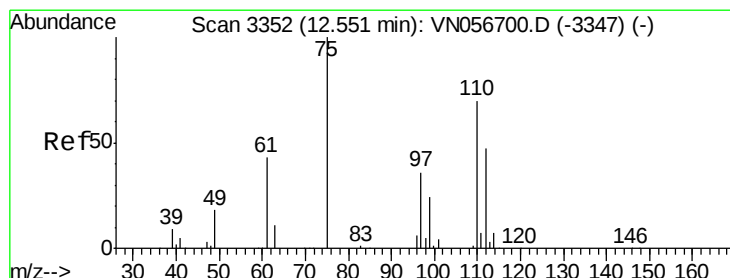
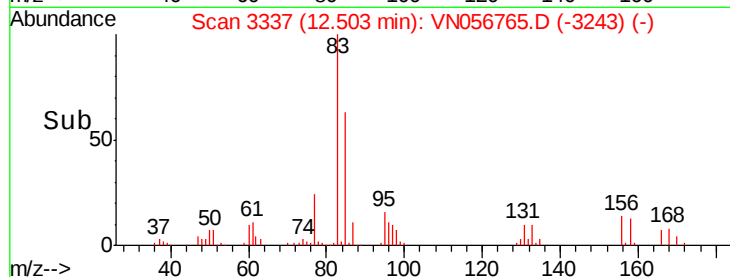
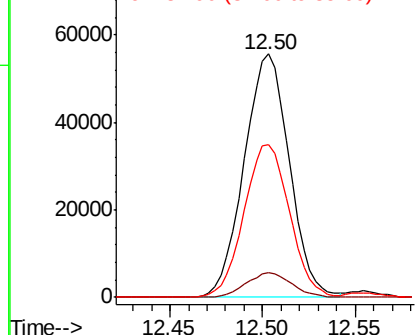
83 100

131 10.1 5.3 15.8

85 63.2 32.6 97.8



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



#76

1,2,3-Trichloropropane

Concen: 28.878 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN056765.D

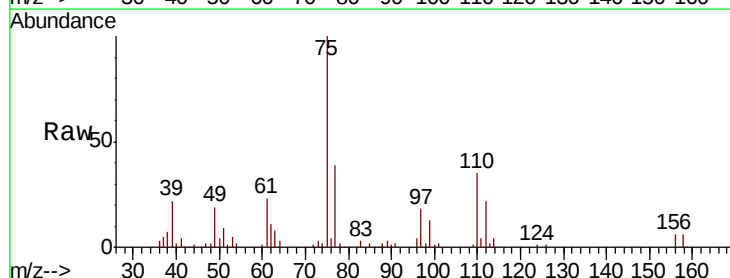
Acq: 16 Jul 2019 13:49

Tgt Ion: 75 Resp: 111382

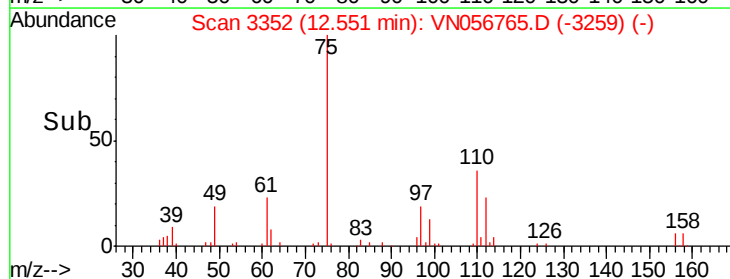
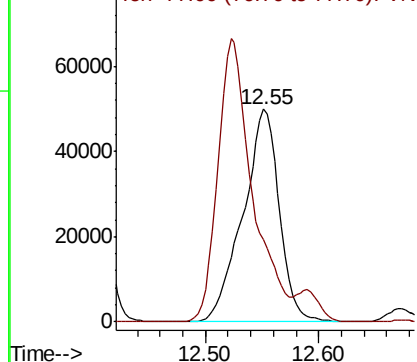
Ion Ratio Lower Upper

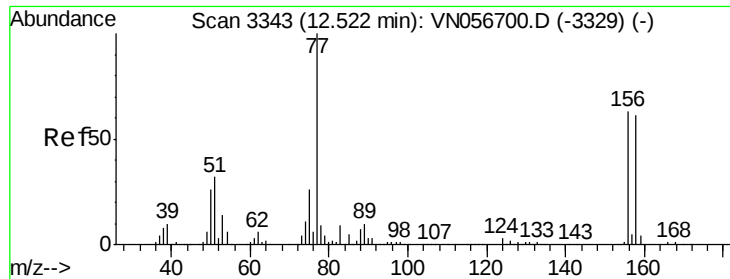
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 19.885 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampled :

VN0716WBSD01

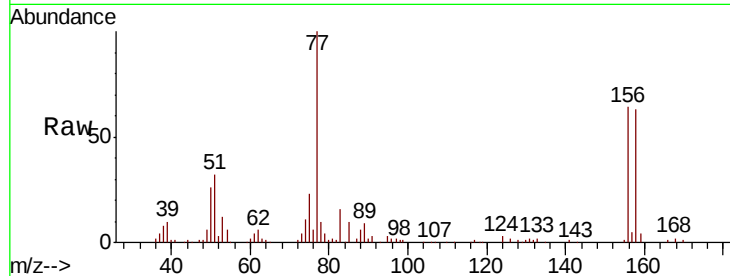
Tot Ion:156 Resp: 73954

Ion Ratio Lower Upper

156 100

77 190.2 97.2 291.6

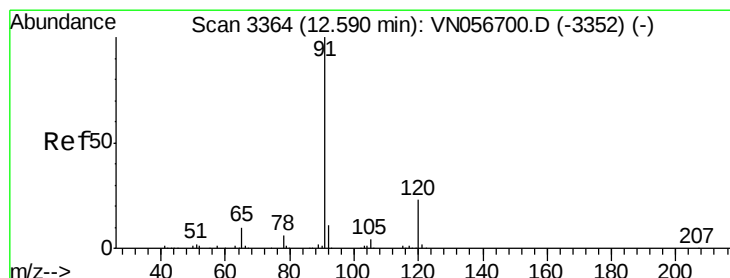
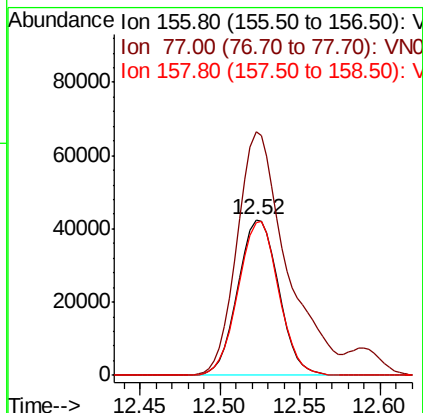
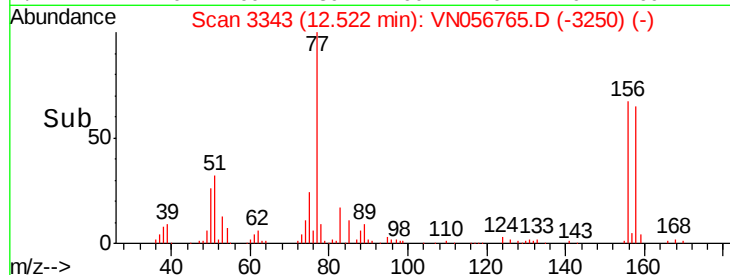
158 98.3 48.9 146.8



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: 19.501 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056765.D

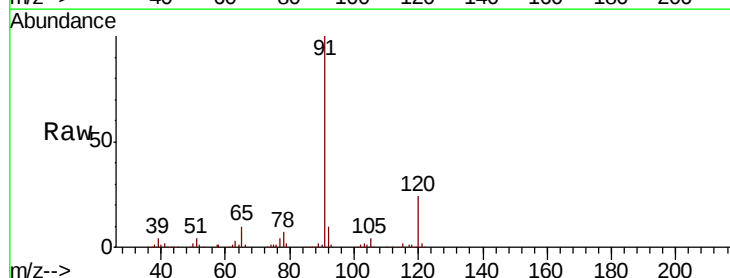
Acq: 16 Jul 2019 13:49

Tgt Ion: 91 Resp: 307839

Ion Ratio Lower Upper

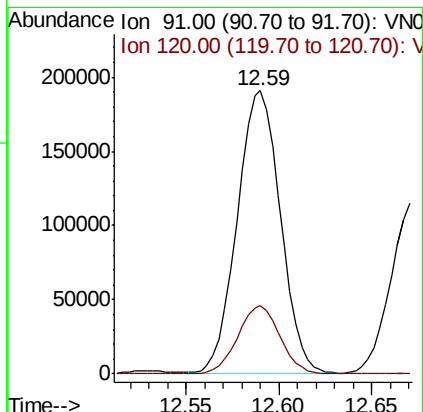
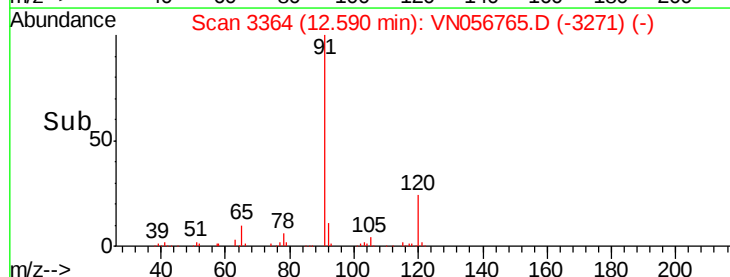
91 100

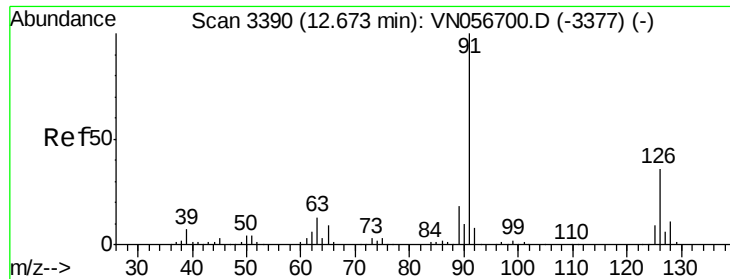
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

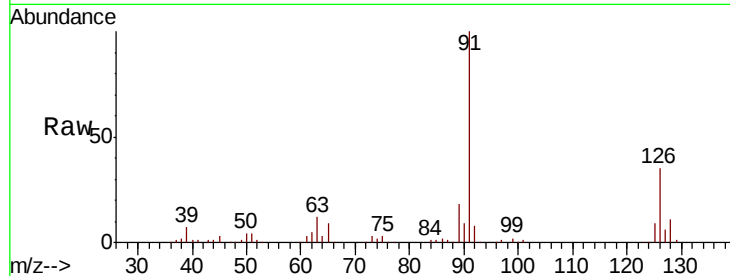




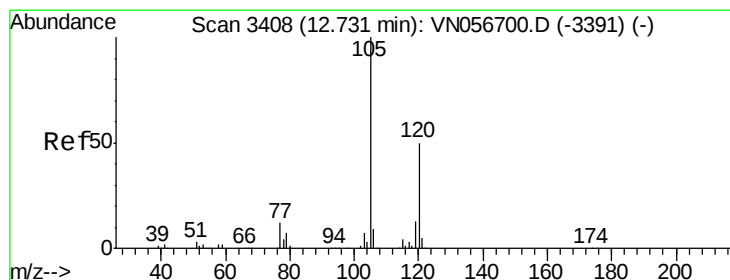
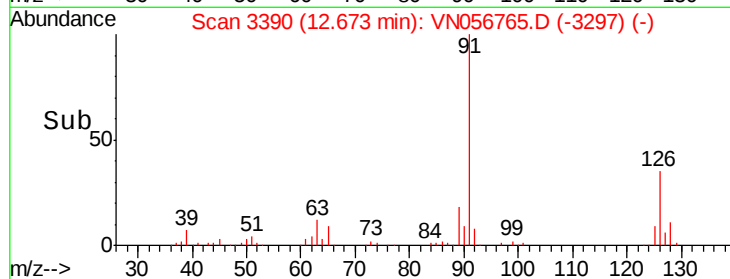
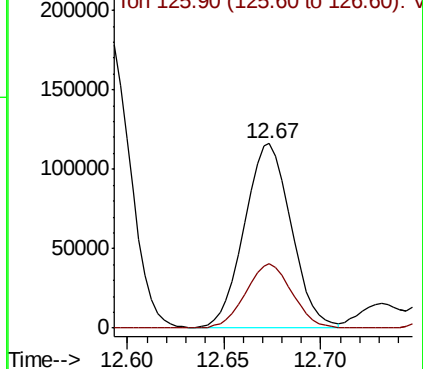
#79  
 2-Chlorotoluene  
 Concen: 21.422 ug/l  
 RT: 12.67 min Scan# 3390  
 Delta R.T. 0.00 min  
 Lab File: VN056765.D  
 Acq: 16 Jul 2019 13:49

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0716WBSD01

Tot Ion: 91 Resp: 195048  
 Ion Ratio Lower Upper  
 91 100  
 126 34.7 17.9 53.7

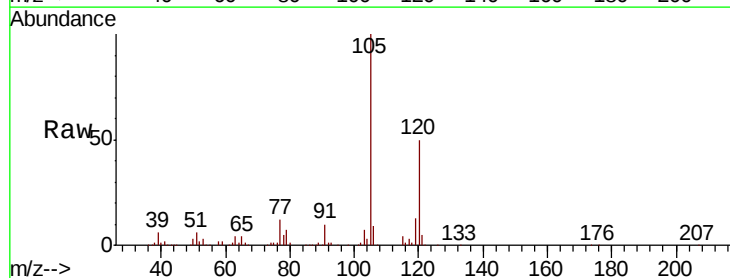


Abundance Ion 91.00 (90.70 to 91.70): VN056700.D (-3377) (-)  
 Ion 125.90 (125.60 to 126.60): VN056700.D (-3377) (-)

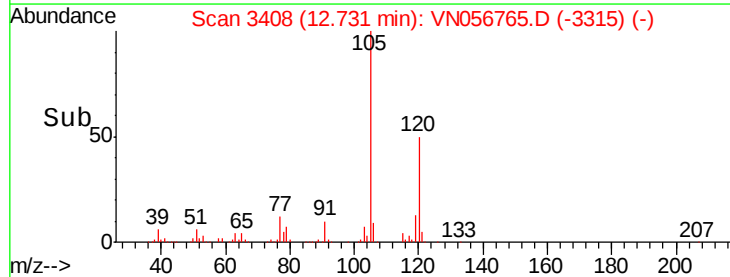
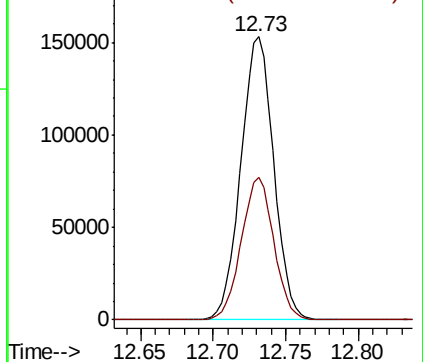


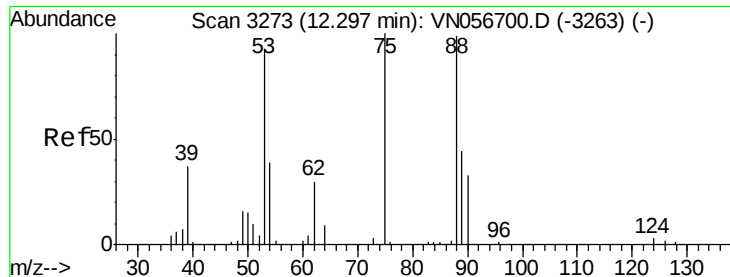
#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.046 ug/l  
 RT: 12.73 min Scan# 3408  
 Delta R.T. 0.00 min  
 Lab File: VN056765.D  
 Acq: 16 Jul 2019 13:49

Tgt Ion: 105 Resp: 241573  
 Ion Ratio Lower Upper  
 105 100  
 120 49.7 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VN056700.D (-3391) (-)  
 Ion 120.00 (119.70 to 120.70): VN056700.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.346 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0716WBSD01

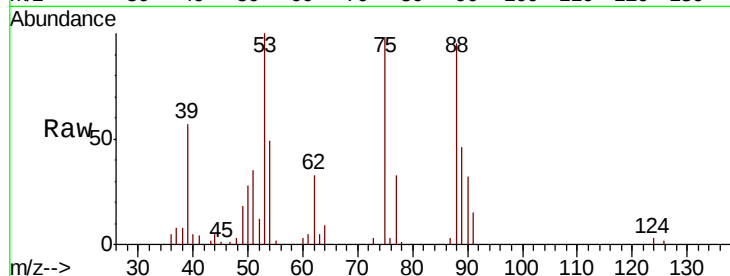
Tot Ion: 75 Resp: 22912

Ion Ratio Lower Upper

75 100

53 103.0 73.7 110.5

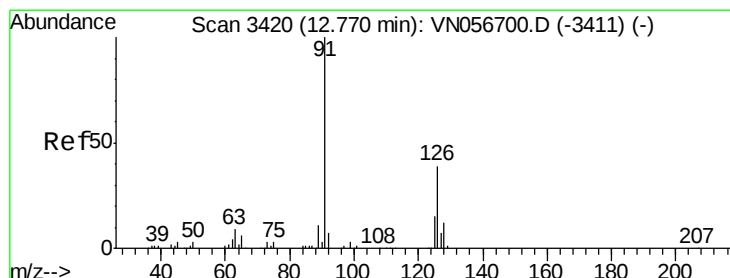
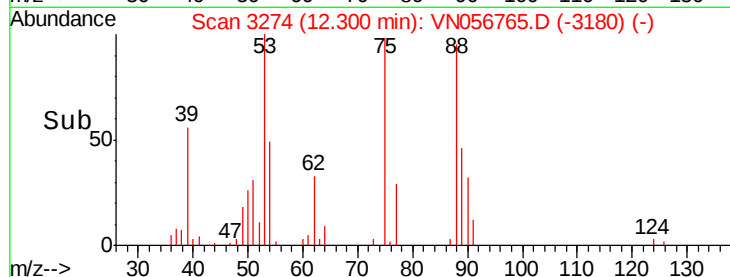
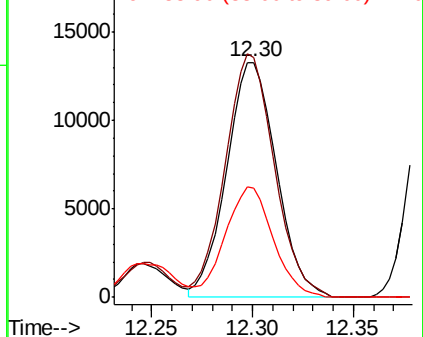
89 45.4 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.514 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056765.D

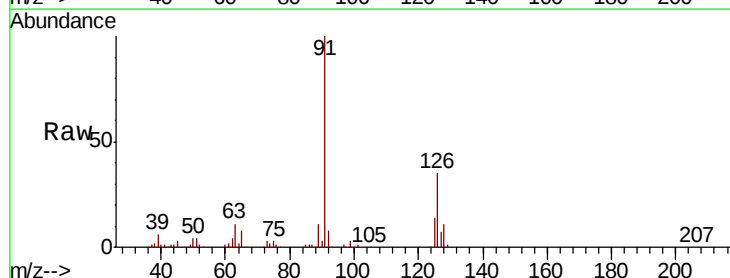
Acq: 16 Jul 2019 13:49

Tgt Ion: 91 Resp: 180778

Ion Ratio Lower Upper

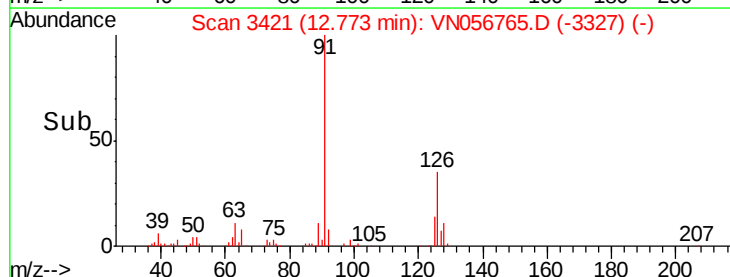
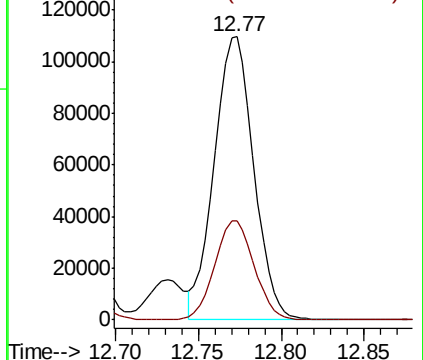
91 100

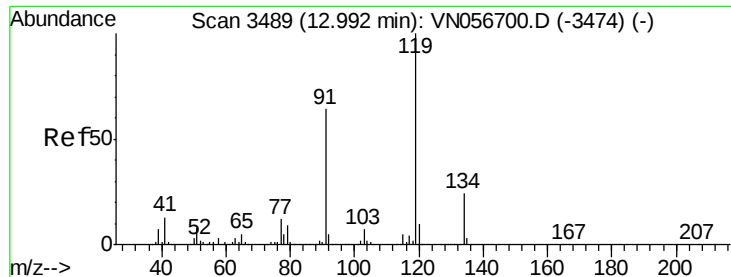
126 34.9 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

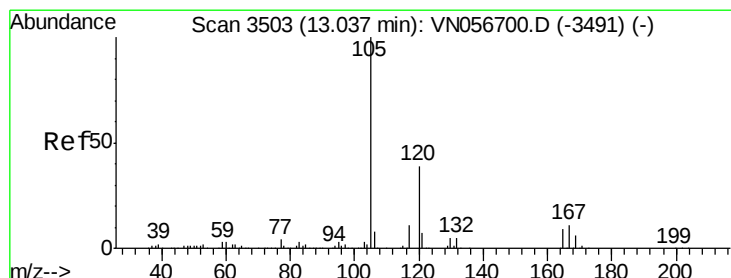
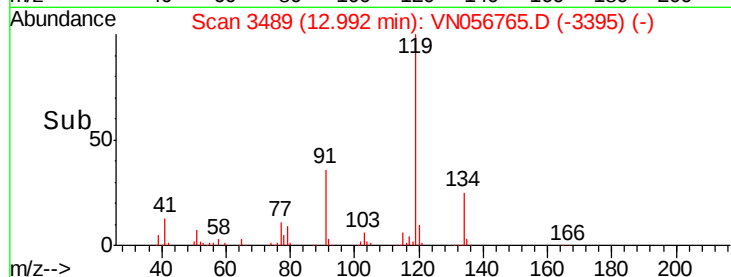
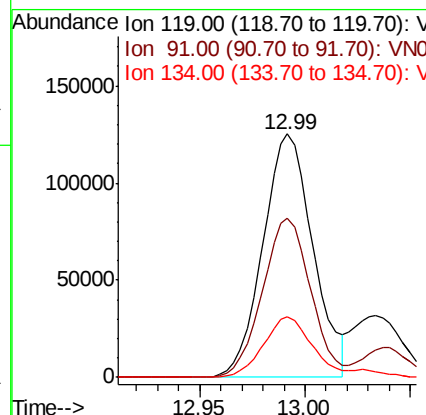
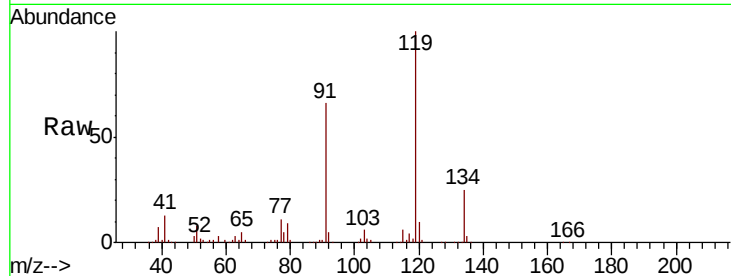




#83  
 tert-Butylbenzene  
 Concen: 21.206 ug/l  
 RT: 12.99 min Scan# 3489  
 Delta R.T. 0.00 min  
 Lab File: VN056765.D  
 Acq: 16 Jul 2019 13:49

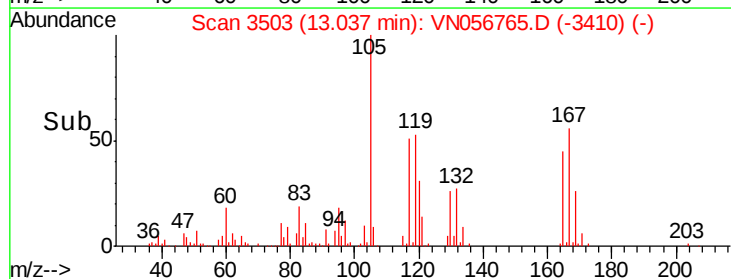
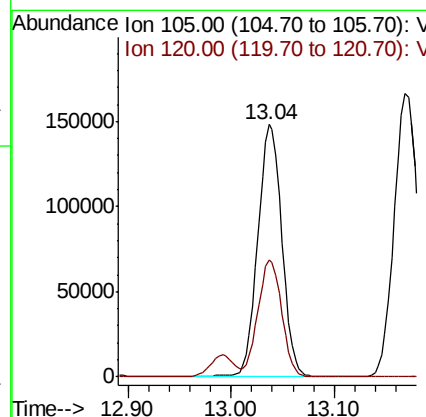
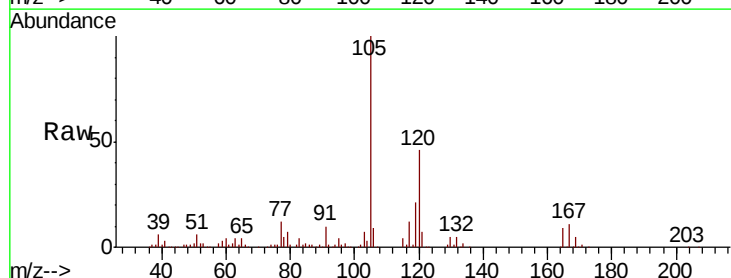
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0716WBSD01

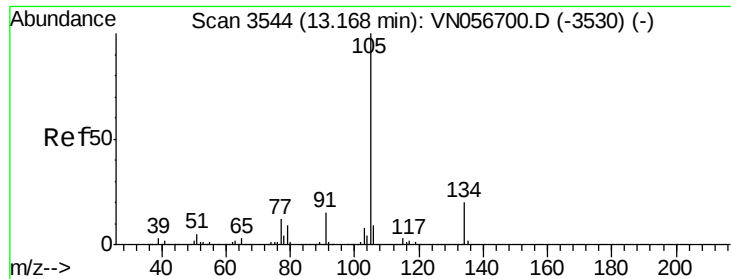
Tot Ion:119 Resp: 207030  
 Ion Ratio Lower Upper  
 119 100  
 91 63.3 31.8 95.4  
 134 24.3 13.0 38.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.325 ug/l  
 RT: 13.04 min Scan# 3503  
 Delta R.T. 0.00 min  
 Lab File: VN056765.D  
 Acq: 16 Jul 2019 13:49

Tgt Ion:105 Resp: 239288  
 Ion Ratio Lower Upper  
 105 100  
 120 46.2 22.9 68.8





#85

sec-Butylbenzene

Concen: 20.064 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

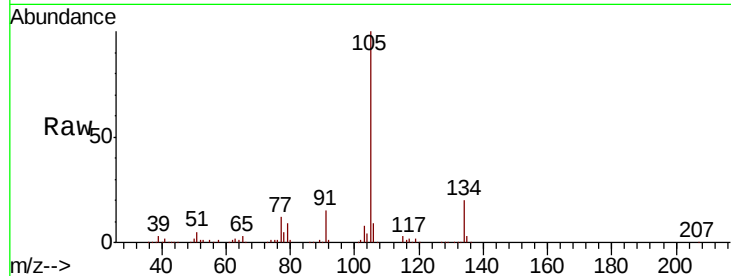
VN0716WBSD01

Tot Ion:105 Resp: 268675

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

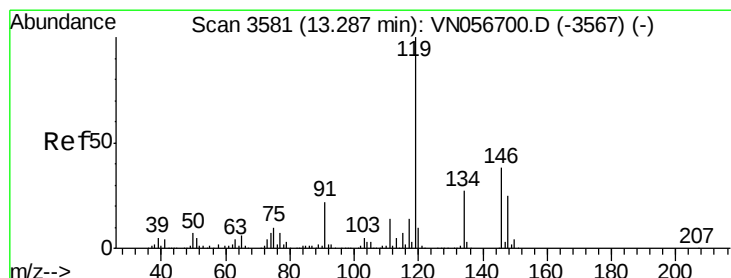
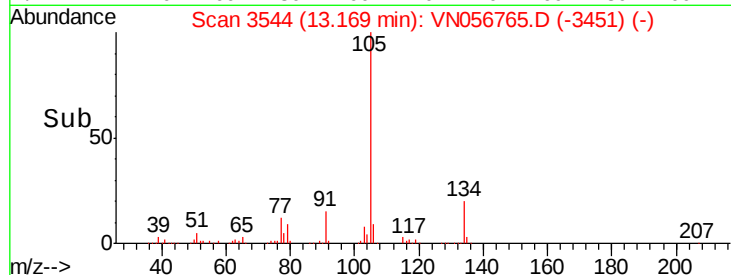
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.900 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

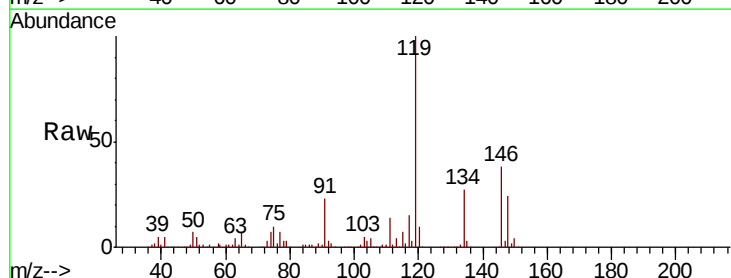
Tgt Ion:119 Resp: 241401

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.7

91 22.7 11.2 33.5



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

13.29

200000

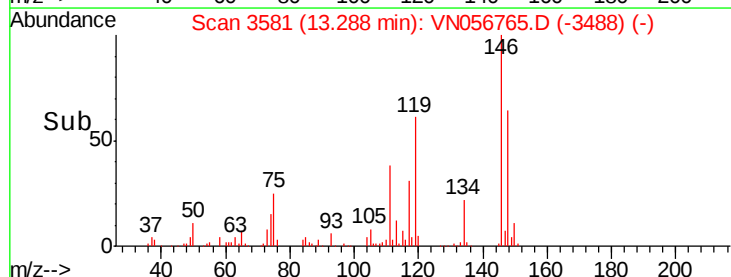
150000

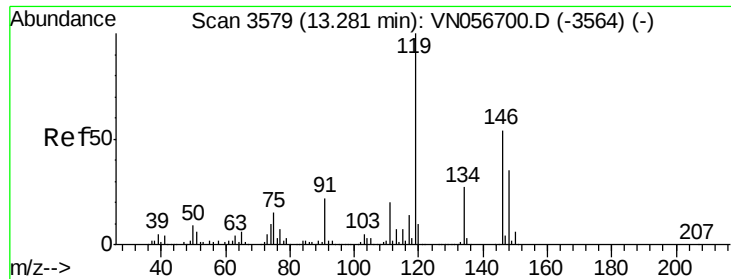
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.598 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0716WBSD01

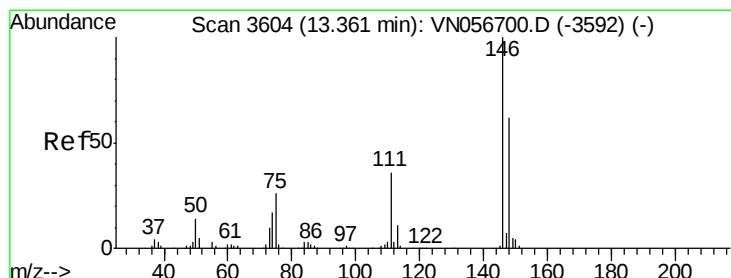
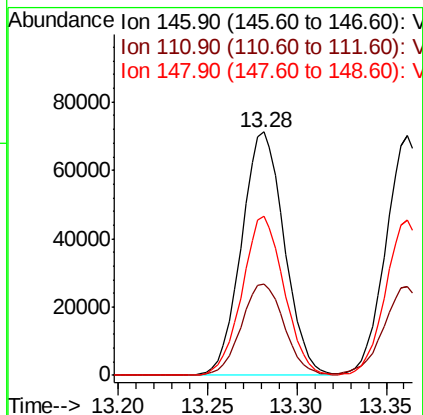
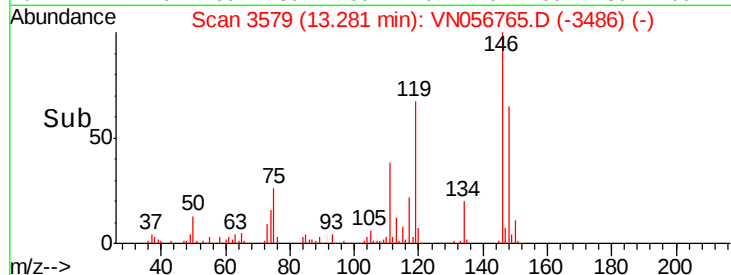
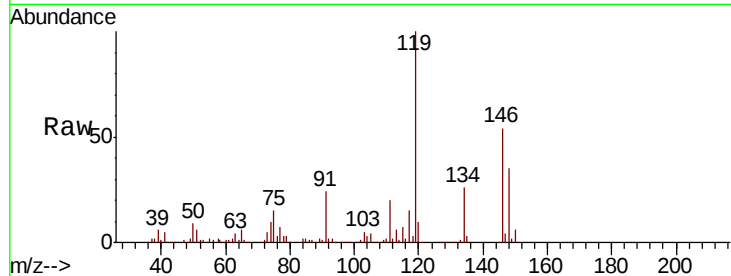
Tot Ion:146 Resp: 119449

Ion Ratio Lower Upper

146 100

111 37.6 18.8 56.3

148 63.8 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 19.459 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

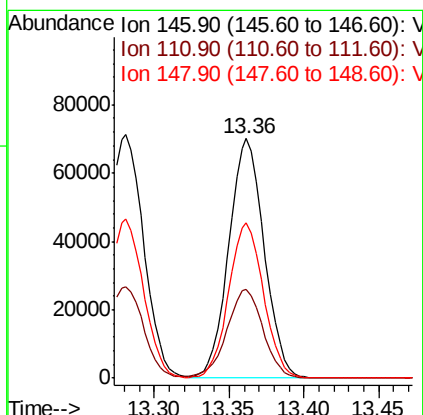
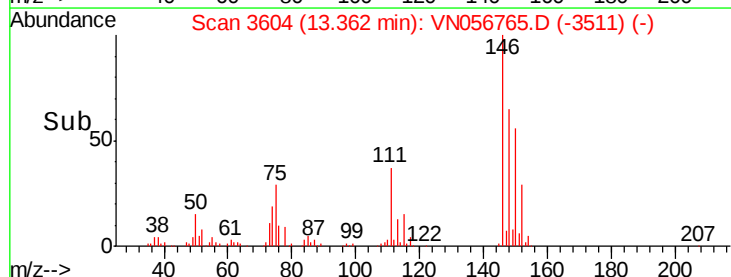
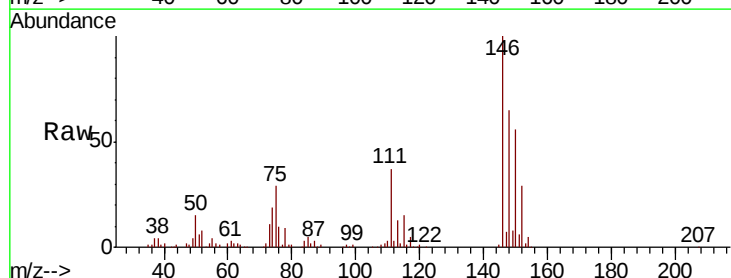
Tgt Ion:146 Resp: 115364

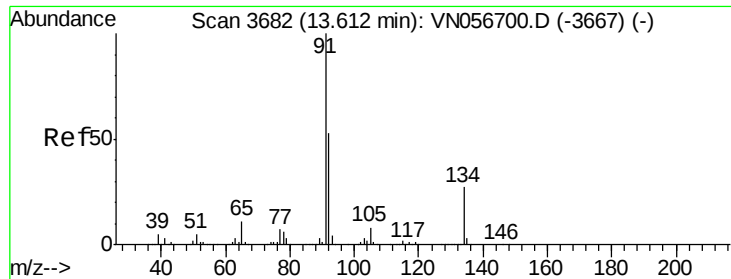
Ion Ratio Lower Upper

146 100

111 38.0 18.6 55.8

148 64.0 31.9 95.7

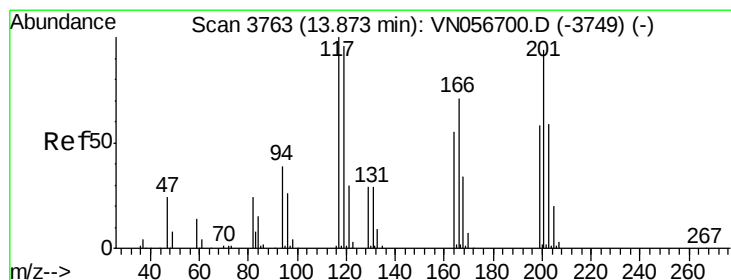
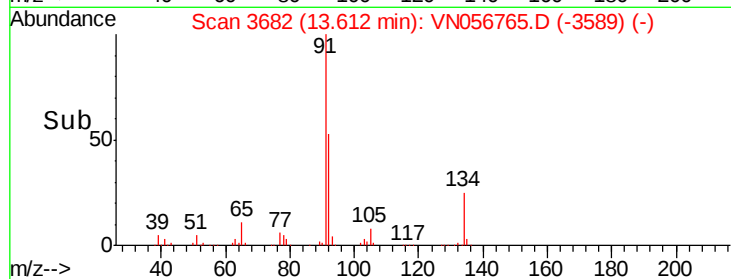
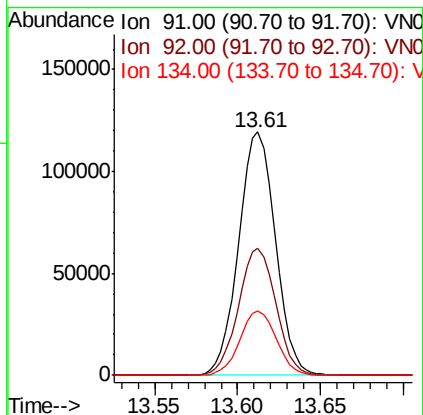
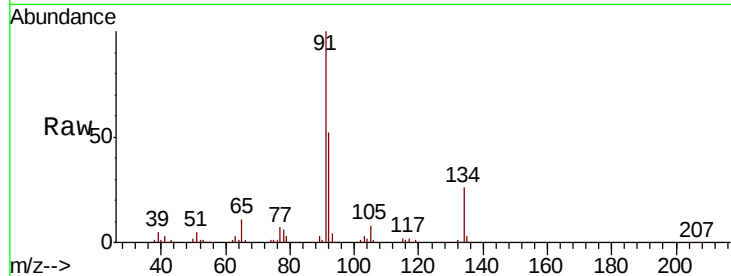




#89  
n-Butylbenzene  
Concen: 18.859 ug/l  
RT: 13.61 min Scan# 3682  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

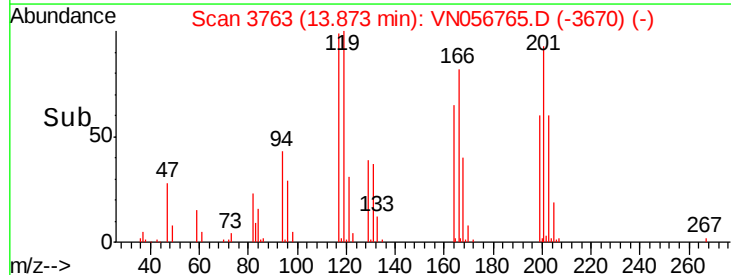
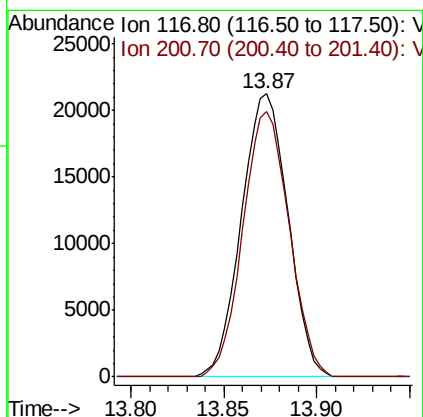
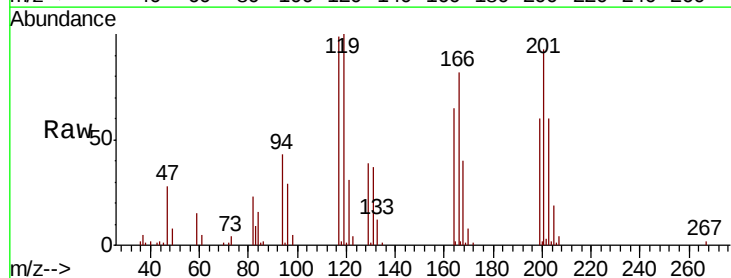
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0716WBSD01

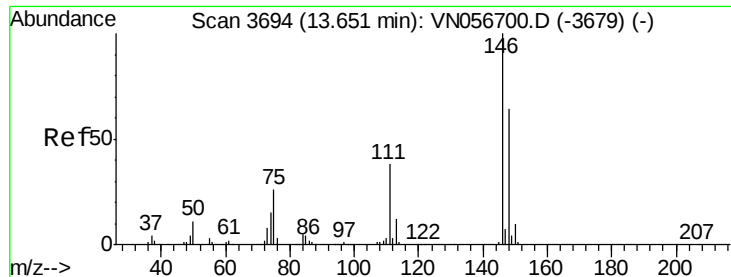
Tot Ion: 91 Resp: 184283  
Ion Ratio Lower Upper  
91 100  
92 53.1 26.0 78.0  
134 26.4 13.4 40.2



#90  
Hexachloroethane  
Concen: 18.881 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Tgt Ion: 117 Resp: 37039  
Ion Ratio Lower Upper  
117 100  
201 93.0 46.5 139.5





#91

1,2-Dichlorobenzene

Concen: 19.644 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0716WBSD01

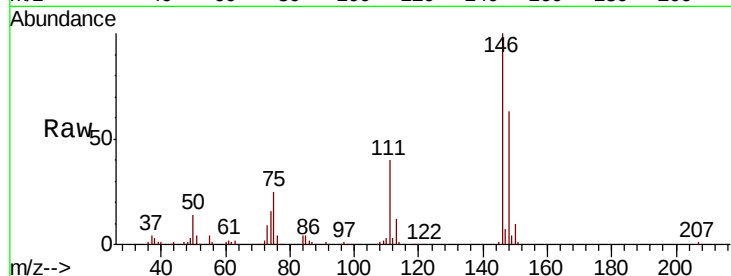
Tot Ion:146 Resp: 122454

Ion Ratio Lower Upper

146 100

111 40.2 19.1 57.1

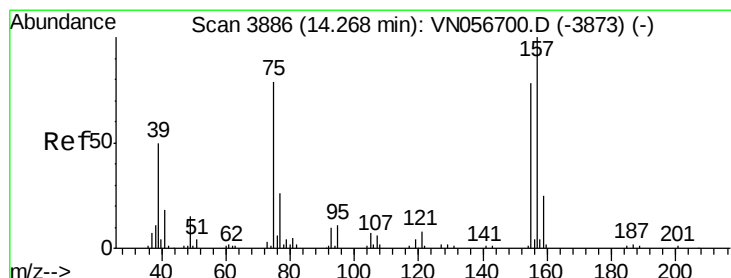
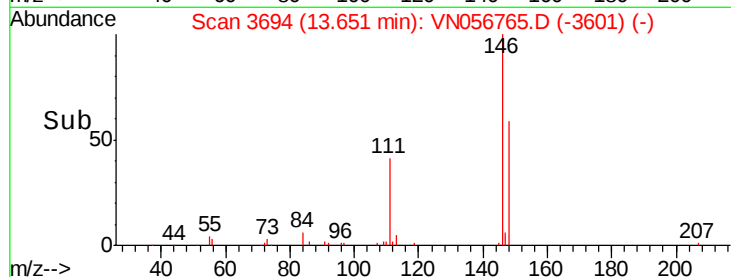
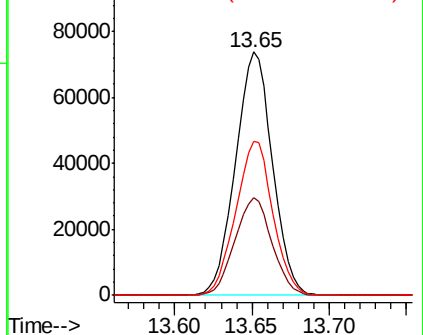
148 63.5 31.7 95.1



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: 20.453 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056765.D

Acq: 16 Jul 2019 13:49

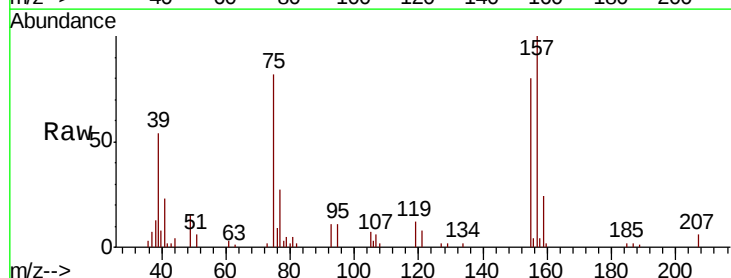
Tgt Ion: 75 Resp: 15595

Ion Ratio Lower Upper

75 100

155 95.1 49.3 147.9

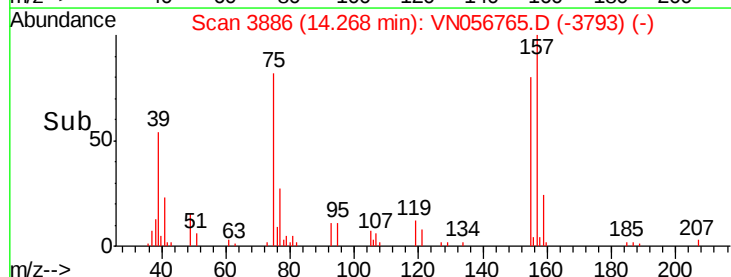
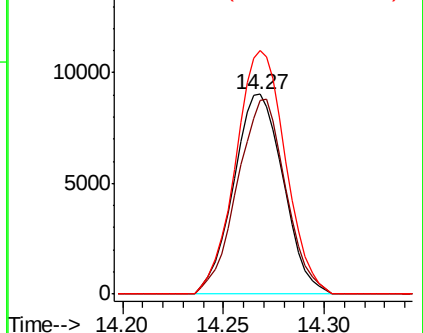
157 121.9 62.4 187.1

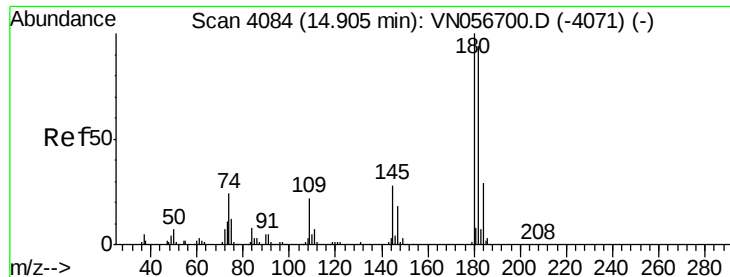


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

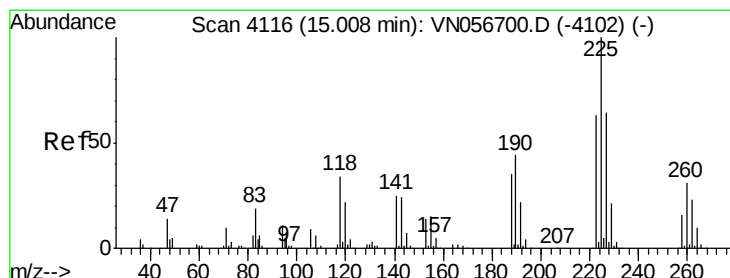
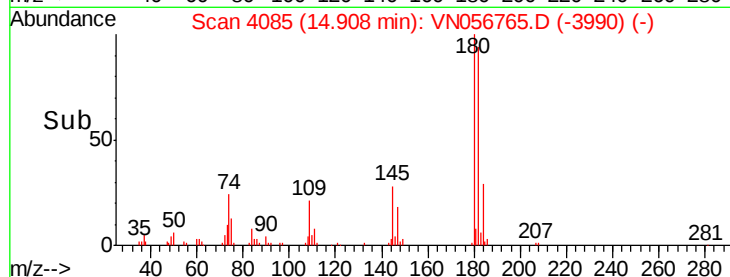
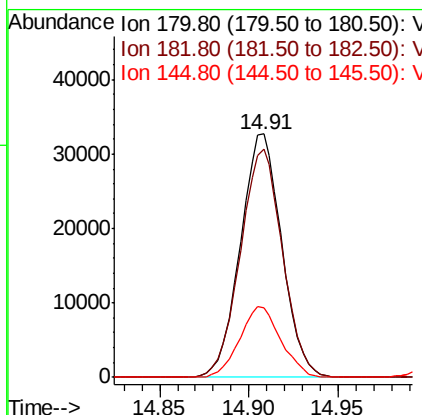
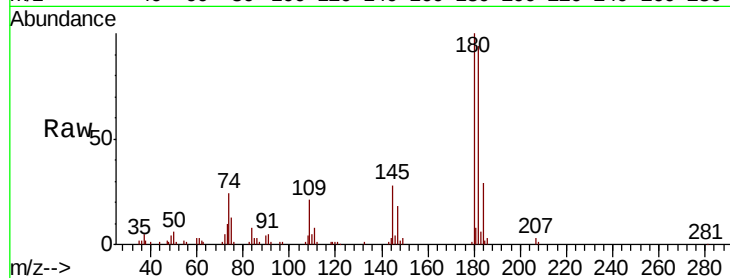




#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.931 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN056765.D  
 Acq: 16 Jul 2019 13:49

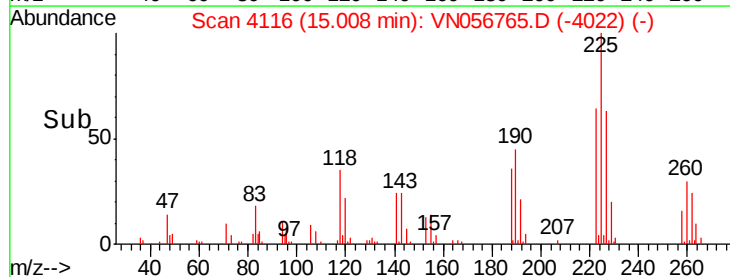
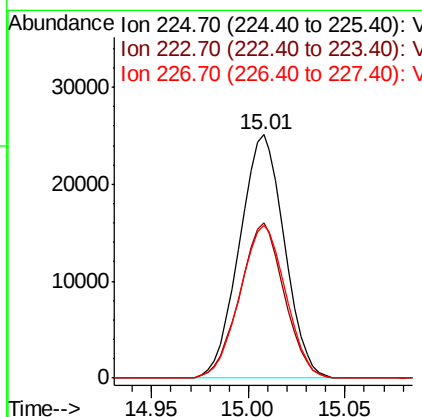
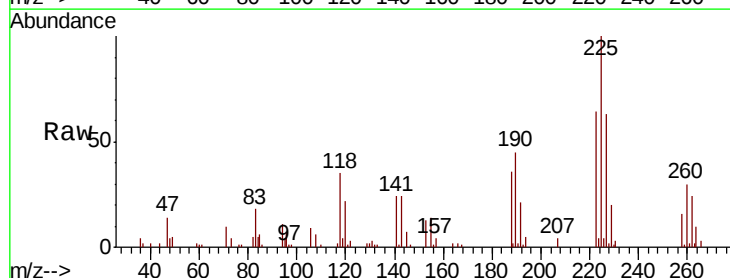
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0716WBSD01

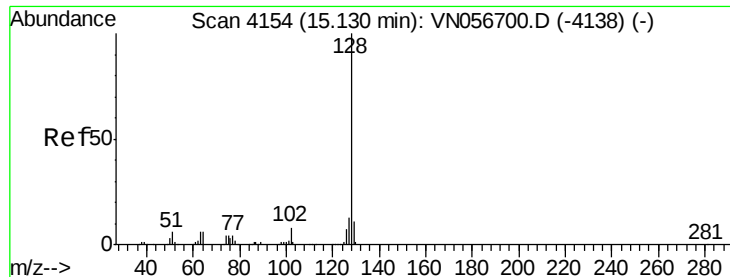
Tot Ion:180 Resp: 52948  
 Ion Ratio Lower Upper  
 180 100  
 182 95.6 47.2 141.6  
 145 28.7 14.2 42.8



#94  
 Hexachlorobutadiene  
 Concen: 19.947 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN056765.D  
 Acq: 16 Jul 2019 13:49

Tgt Ion:225 Resp: 40587  
 Ion Ratio Lower Upper  
 225 100  
 223 62.9 31.5 94.5  
 227 63.8 32.0 96.2

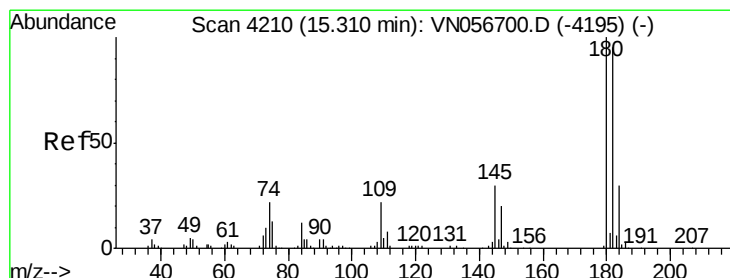
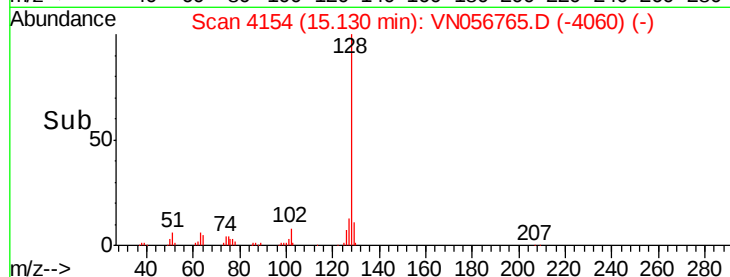
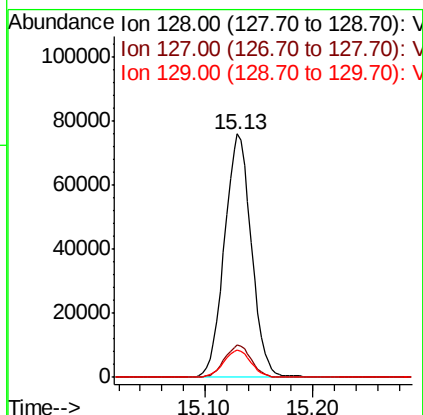
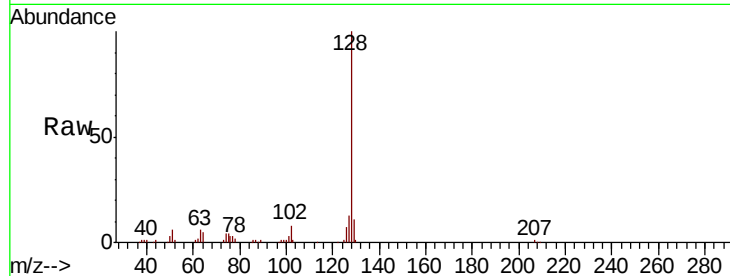




#95  
Naphthalene  
Concen: 17.251 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0716WBSD01

Tot Ion:128 Resp: 132198  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.3 15.5  
129 11.2 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 18.897 ug/l  
RT: 15.31 min Scan# 4210  
Delta R.T. 0.00 min  
Lab File: VN056765.D  
Acq: 16 Jul 2019 13:49

Tgt Ion:180 Resp: 57042  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.1 141.3  
145 30.8 15.0 45.1

