

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\  
 Data File : VN062011.D  
 Acq On : 22 Jun 2020 19:55  
 Operator : JC/MD  
 Sample : L3043-11MS  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE139D2-20200616MS

Quant Time: Jun 23 05:19:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 17 01:19:44 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 146978   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 281887   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 266715   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 127166   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.99  | 65   | 106369   | 53.96 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.92% |          |
| 35) Dibromofluoromethane    | 7.55  | 113  | 89166    | 49.44 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.88%  |          |
| 50) Toluene-d8              | 10.06 | 98   | 343478   | 48.45 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.90%  |          |
| 62) 4-Bromofluorobenzene    | 12.38 | 95   | 115082   | 47.32 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.64%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 100336   | 52.451  | ug/l   | 98     |
| 3) Chloromethane              | 2.03 | 50   | 114561   | 56.154  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.16 | 62   | 138637   | 57.003  | ug/l   | 100    |
| 5) Bromomethane               | 2.52 | 94   | 85262    | 45.652  | ug/l   | 100    |
| 6) Chloroethane               | 2.66 | 64   | 94752    | 57.565  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 2.98 | 101  | 166225   | 57.218  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.37 | 74   | 59936    | 61.369  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.71 | 101  | 80071    | 53.725  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.91 | 142  | 107394   | 58.673  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.73 | 59   | 81747    | 299.689 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 3.69 | 96   | 87957    | 58.899  | ug/l   | 96     |
| 13) Acrolein                  | 3.56 | 56   | 33981    | 208.435 | ug/l   | 99     |
| 14) Allyl chloride            | 4.27 | 41   | 95571    | 48.219  | ug/l   | 96     |
| 15) Acrylonitrile             | 4.93 | 53   | 216761   | 320.706 | ug/l   | 99     |
| 16) Acetone                   | 3.78 | 43   | 189169   | 324.891 | ug/l   | 97     |
| 17) Carbon Disulfide          | 4.00 | 76   | 222547   | 50.931  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.28 | 43   | 53023    | 31.631  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 4.99 | 73   | 294328   | 59.194  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.50 | 84   | 104135   | 54.895  | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96   | 92544    | 53.952  | ug/l   | 98     |
| 22) Diisopropyl ether         | 5.90 | 45   | 262272   | 57.859  | ug/l   | 96     |
| 23) Vinyl Acetate             | 5.84 | 43   | 347981   | 97.605  | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 5.80 | 63   | 174586   | 58.836  | ug/l   | 99     |
| 25) 2-Butanone                | 6.79 | 43   | 264777   | 311.682 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 6.77 | 77   | 19789    | 7.927   | ug/l # | 63     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96   | 114940   | 58.074  | ug/l   | 92     |
| 28) Bromochloromethane        | 7.15 | 49   | 76967    | 58.255  | ug/l   | 97     |
| 29) Tetrahydrofuran           | 7.17 | 42   | 177461   | 317.422 | ug/l   | 97     |
| 30) Chloroform                | 7.33 | 83   | 181504   | 57.233  | ug/l   | 100    |
| 31) Cyclohexane               | 7.61 | 56   | 134863   | 51.917  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97   | 152457   | 56.449  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.75 | 75   | 126466   | 49.187  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.88 | 43   | 58311    | 29.042  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 7.73 | 117  | 132684   | 52.112  | ug/l   | 99     |

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 Sample : L3043-11MS  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE139D2-20200616MS

Quant Time: Jun 23 05:19:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 17 01:19:44 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 125931   | 45.486   | ug/l   | 99       |
| 40) Benzene                    | 8.00  | 78   | 409313   | 52.553   | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.17  | 41   | 161160   | 187.710  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.08  | 62   | 139129   | 52.390   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.13  | 43   | 122161   | 36.104   | ug/l # | 89       |
| 44) Trichloroethene            | 8.80  | 130  | 425592   | 207.632  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.08  | 63   | 102203   | 53.397   | ug/l   | 98       |
| 46) Dibromomethane             | 9.17  | 93   | 70208    | 52.089   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.37  | 83   | 144193   | 52.245   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.17  | 41   | 88031    | 57.210   | ug/l   | 94       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 39062    | 1105.704 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 573717   | 286.931  | ug/l   | 100      |
| 52) Toluene                    | 10.12 | 92   | 259020   | 52.954   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 115387   | 39.383   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 120294   | 37.801   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.53 | 97   | 107990   | 56.112   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 143625   | 48.924   | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 177059   | 54.306   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.81  | 63   | 570      | 0.561    | ug/l # | 44       |
| 59) 2-Hexanone                 | 10.72 | 43   | 418405   | 261.286  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 114160   | 53.160   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 105808   | 52.652   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 79756    | 46.917   | ug/l   | 96       |
| 65) Chlorobenzene              | 11.41 | 112  | 276149   | 49.068   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 101820   | 51.875   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.48 | 91   | 485825   | 51.486   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.59 | 106  | 372524   | 102.384  | ug/l   | 100      |
| 69) o-Xylene                   | 11.92 | 106  | 183174   | 52.762   | ug/l   | 100      |
| 70) Styrene                    | 11.94 | 104  | 304420   | 52.369   | ug/l   | 100      |
| 71) Bromoform                  | 12.10 | 173  | 77120    | 53.886   | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.22 | 105  | 464890   | 51.445   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.05 | 43   | 73369    | 24.110   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 153946   | 52.398   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 169069   | 67.720   | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 114818   | 50.363   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.56 | 91   | 513773   | 49.827   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 318815   | 51.482   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 387699   | 51.858   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 24759    | 27.048   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 324816   | 50.760   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 330541   | 52.152   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 390042   | 52.852   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.15 | 105  | 416483   | 50.204   | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 367959   | 49.776   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 203425   | 48.923   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 200308   | 47.062   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.59 | 91   | 265320   | 42.977   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 72812    | 53.809   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 206680   | 51.632   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.24 | 75   | 26699    | 55.977   | ug/l   | 97       |

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Operator : JC/MD  
Sample : L3043-11MS  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 23 Sample Multiplier: 1

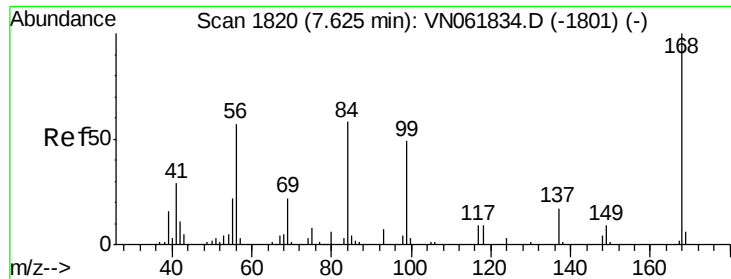
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE139D2-20200616MS

Quant Time: Jun 23 05:19:32 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061620W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 17 01:19:44 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.88 | 180  | 83873    | 44.403 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 14.98 | 225  | 30821    | 41.428 | ug/l  | 99       |
| 95) Naphthalene            | 15.10 | 128  | 267000   | 42.752 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 89067    | 47.611 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

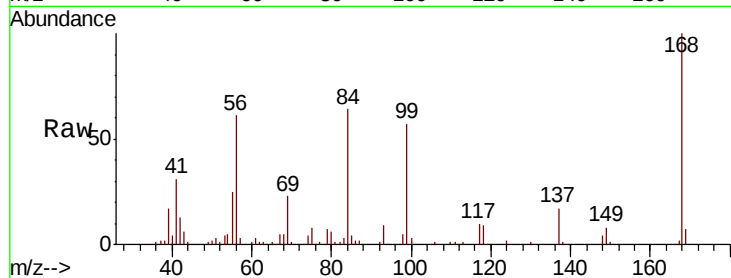
RE139D2-20200616MS

Tot Ion:168 Resp: 146978

Ion Ratio Lower Upper

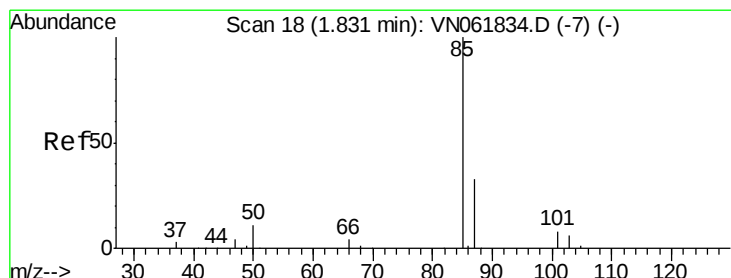
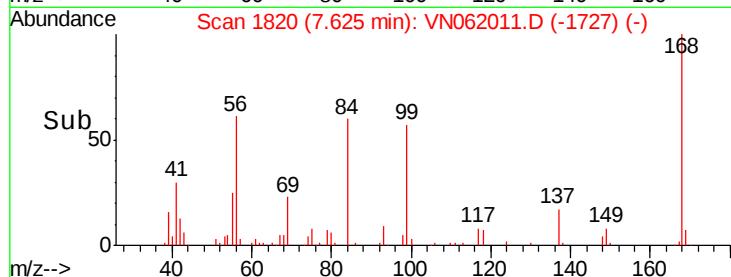
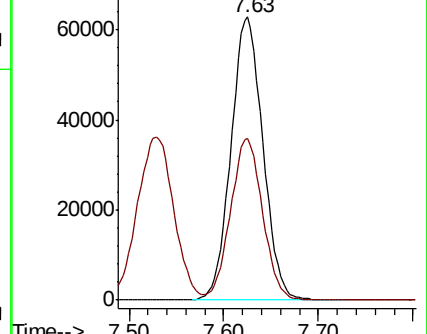
168 100

99 57.2 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 52.451 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062011.D

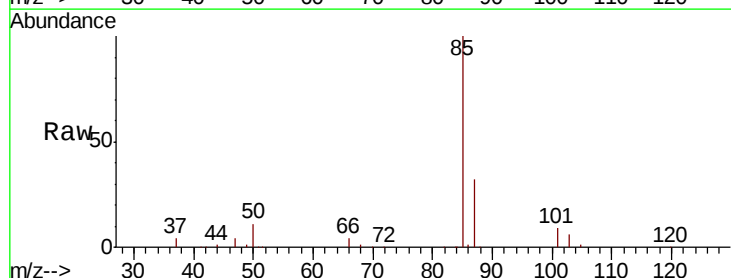
Acq: 22 Jun 2020 19:55

Tgt Ion: 85 Resp: 100336

Ion Ratio Lower Upper

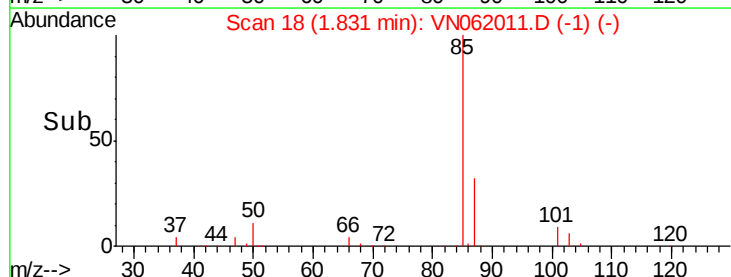
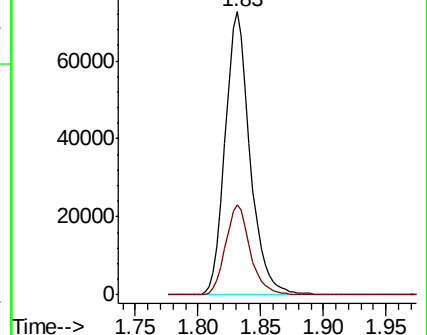
85 100

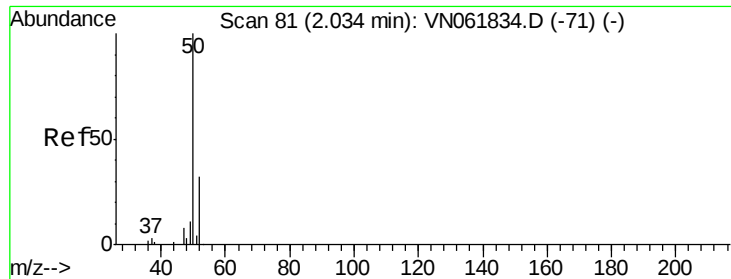
87 32.0 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 56.154 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

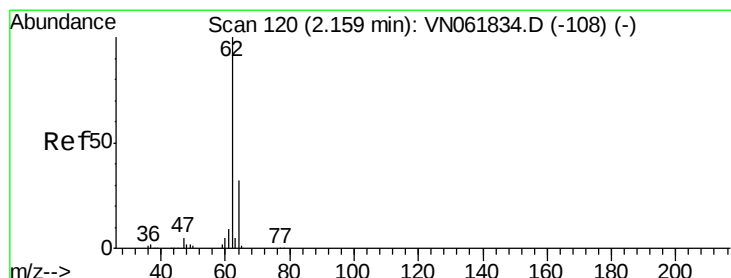
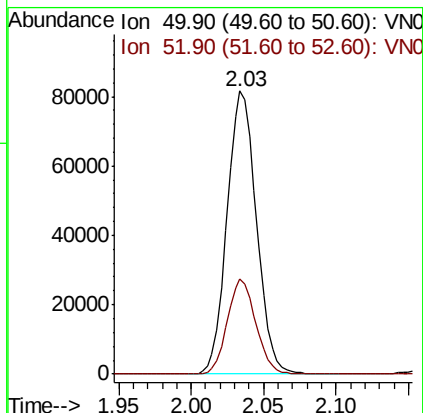
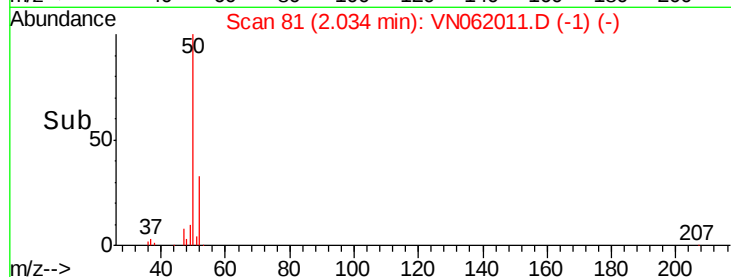
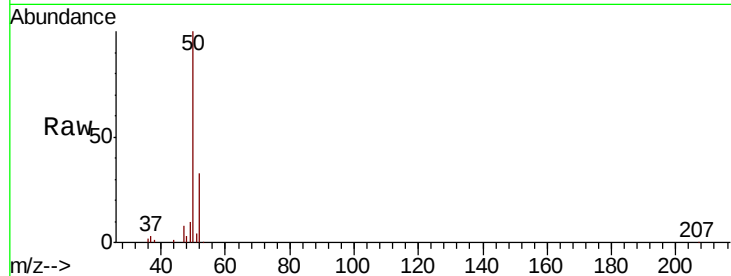
RE139D2-20200616MS

Tot Ion: 50 Resp: 114561

Ion Ratio Lower Upper

50 100

52 33.5 26.0 39.0



#4

Vinyl Chloride

Concen: 57.003 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062011.D

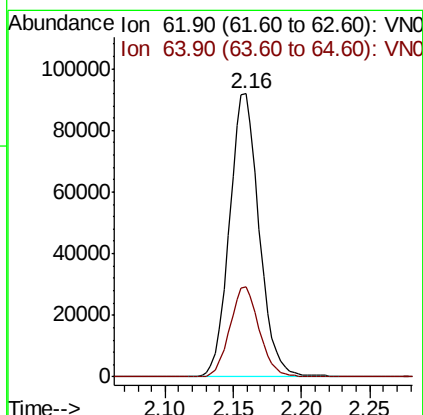
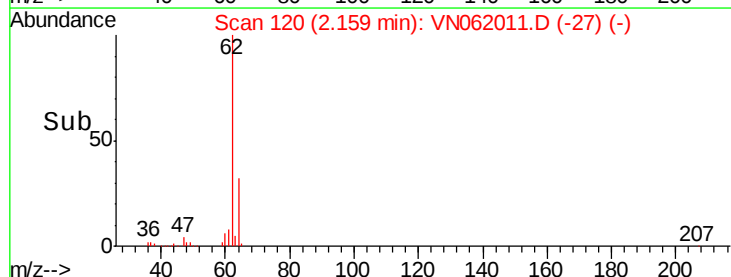
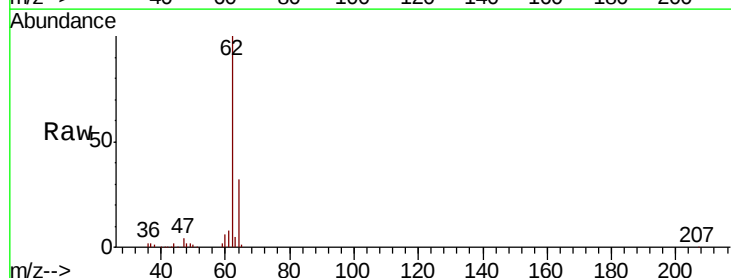
Acq: 22 Jun 2020 19:55

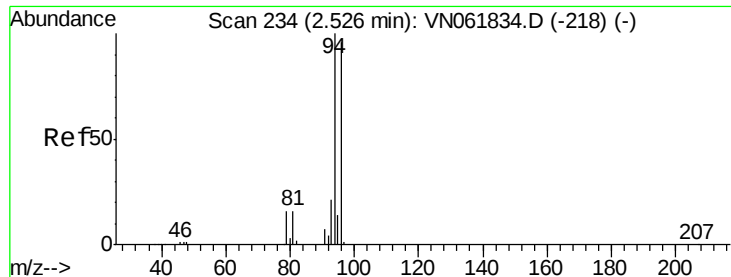
Tgt Ion: 62 Resp: 138637

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3





#5

Bromomethane

Concen: 45.652 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.01 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

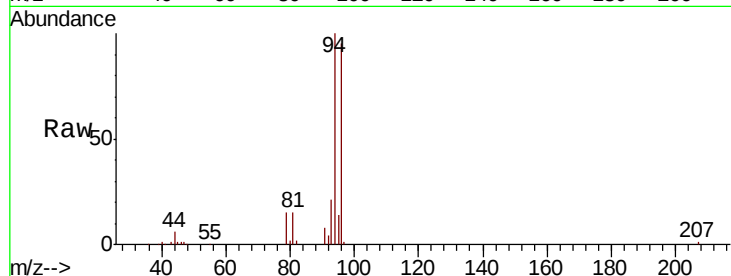
RE139D2-20200616MS

Tot Ion: 94 Resp: 85262

Ion Ratio Lower Upper

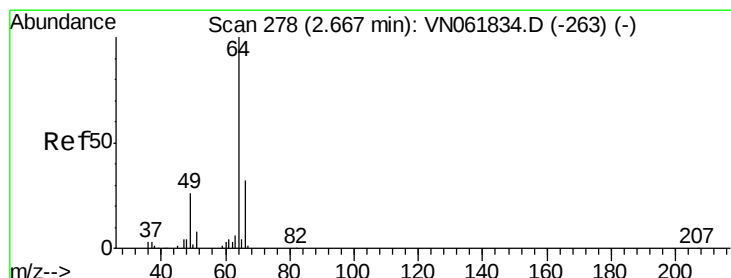
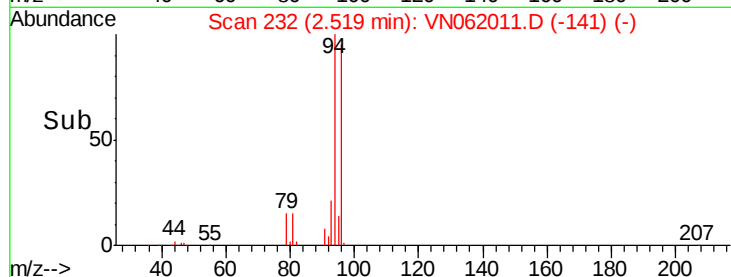
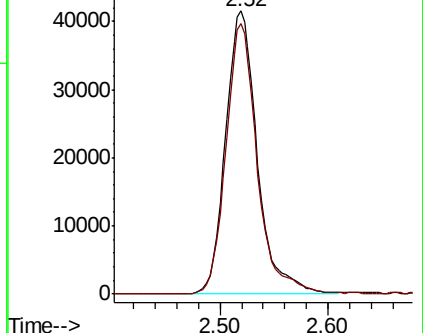
94 100

96 95.4 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN061834.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061834.D (-218) (-)



#6

Chloroethane

Concen: 57.565 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062011.D

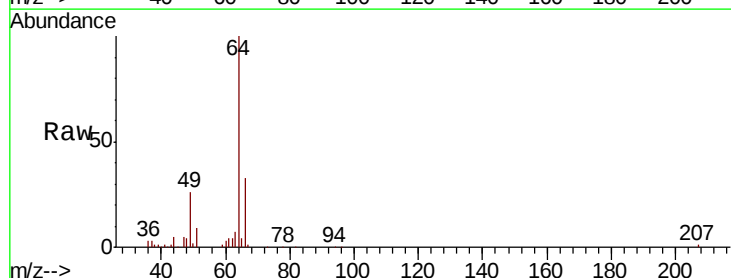
Acq: 22 Jun 2020 19:55

Tgt Ion: 64 Resp: 94752

Ion Ratio Lower Upper

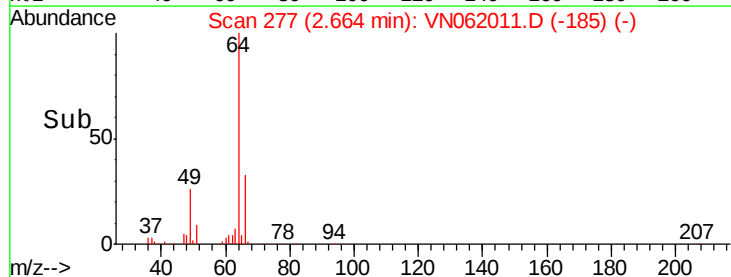
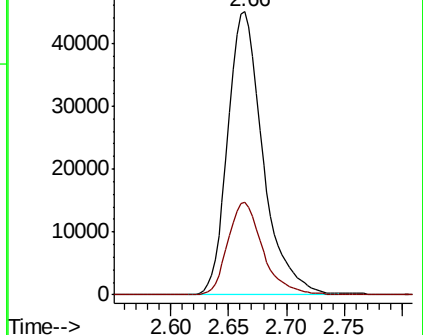
64 100

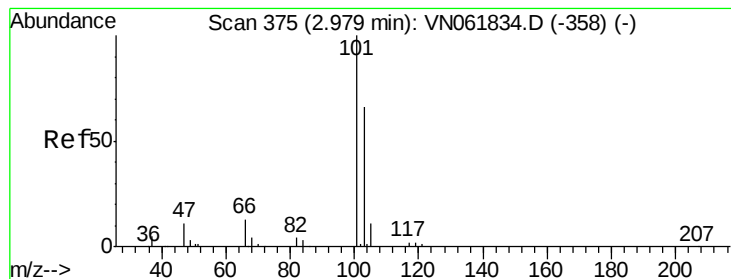
66 32.8 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN061834.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN061834.D (-263) (-)



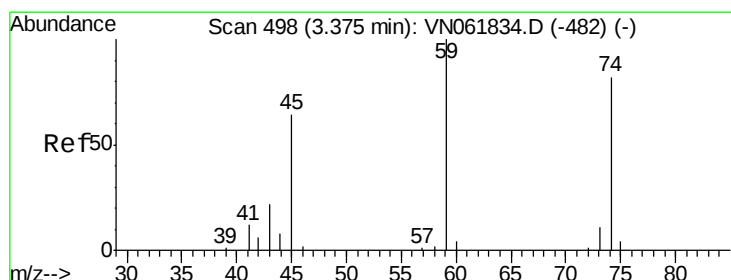
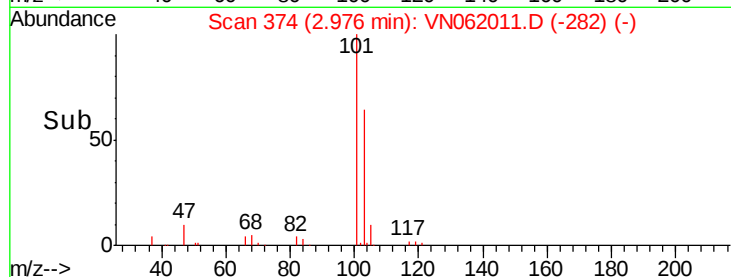
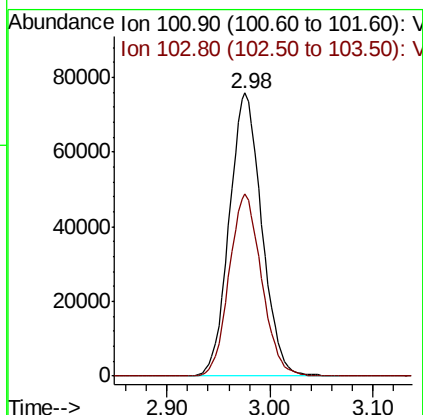
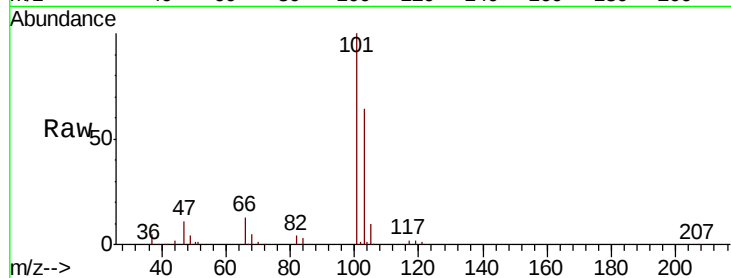


#7

Trichlorofluoromethane  
 Concen: 57.218 ug/l  
 RT: 2.98 min Scan# 374  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE139D2-20200616MS

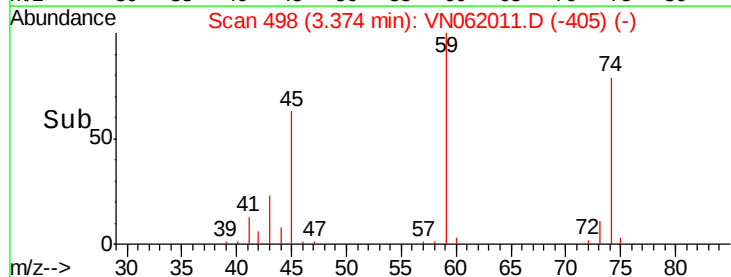
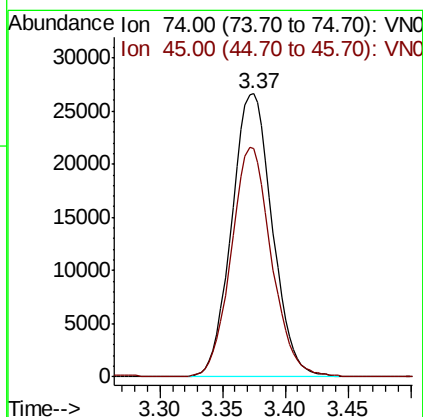
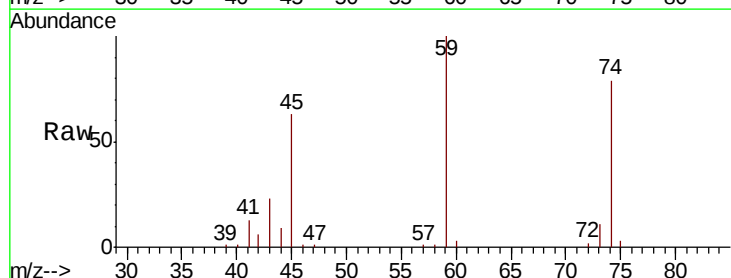
Tot Ion:101 Resp: 166225  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 52.8 79.2

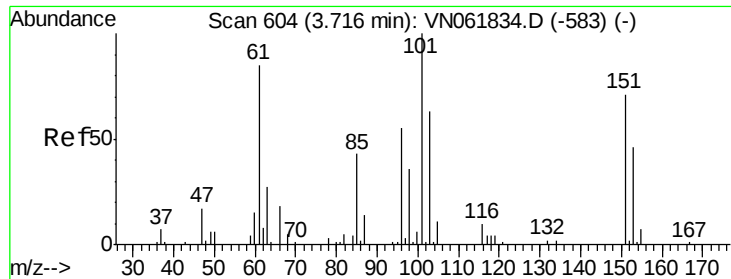


#8

Diethyl Ether  
 Concen: 61.369 ug/l  
 RT: 3.37 min Scan# 498  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

Tgt Ion: 74 Resp: 59936  
 Ion Ratio Lower Upper  
 74 100  
 45 80.5 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.725 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

RE139D2-20200616MS

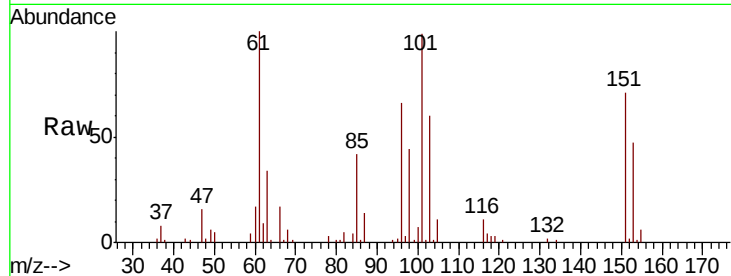
Tot Ion:101 Resp: 80071

Ion Ratio Lower Upper

101 100

85 43.2 35.0 52.6

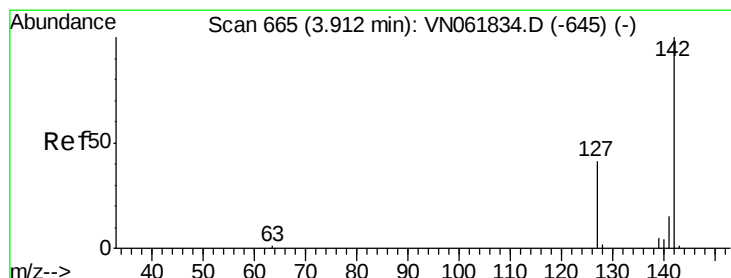
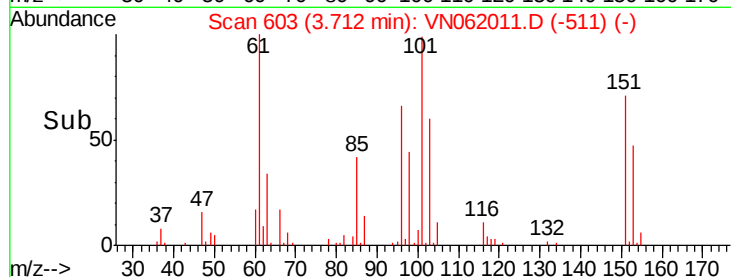
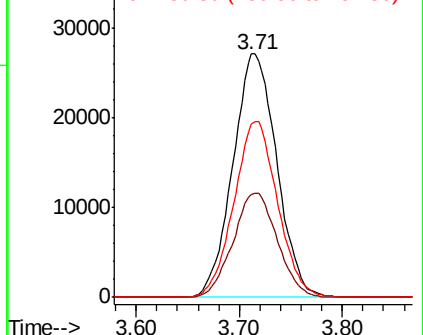
151 71.8 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 58.673 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.01 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

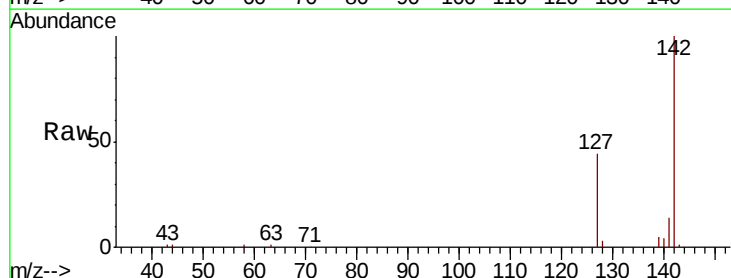
Tgt Ion:142 Resp: 107394

Ion Ratio Lower Upper

142 100

127 43.1 33.4 50.0

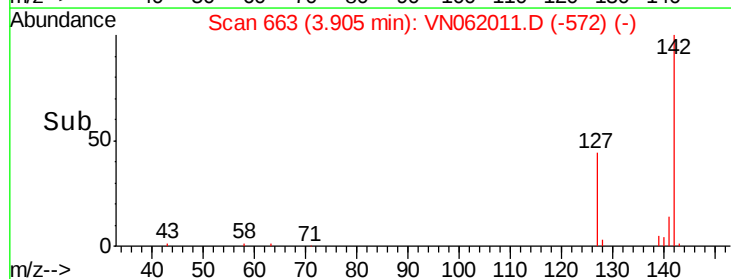
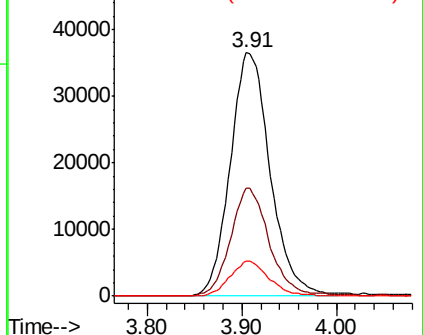
141 13.8 11.3 16.9

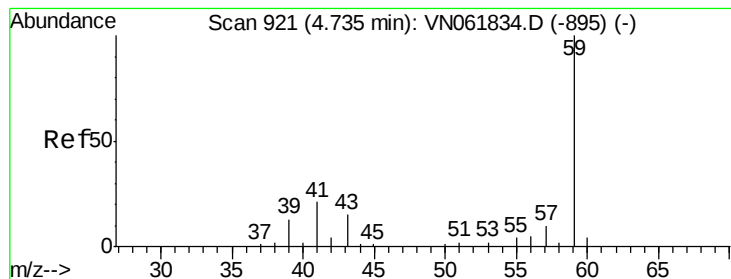


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



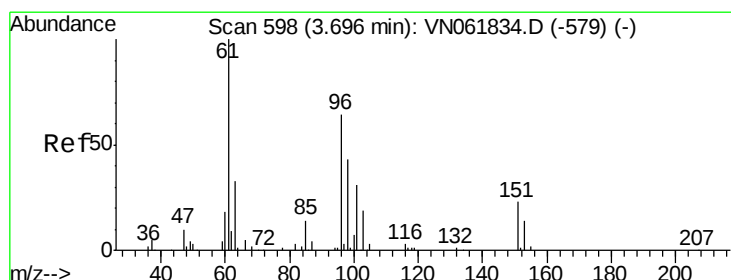
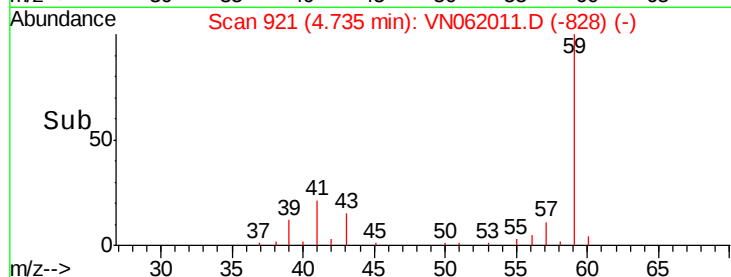
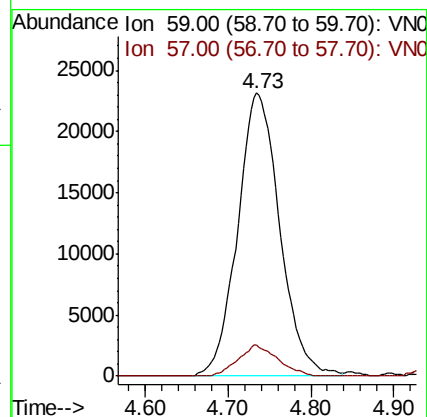
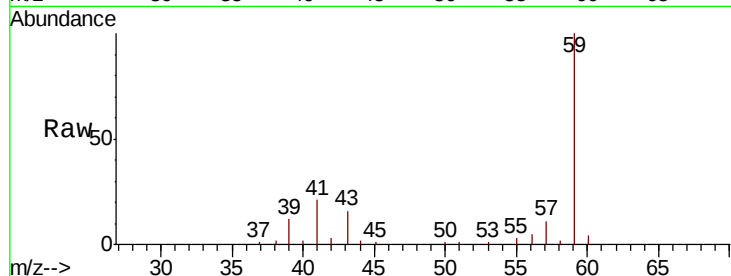


#11

Tert butyl alcohol  
 Concen: 299.689 ug/l  
 RT: 4.73 min Scan# 921  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE139D2-20200616MS

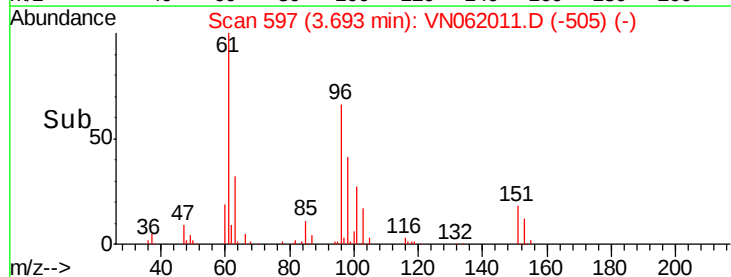
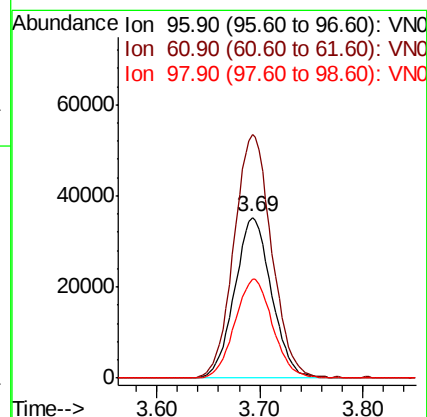
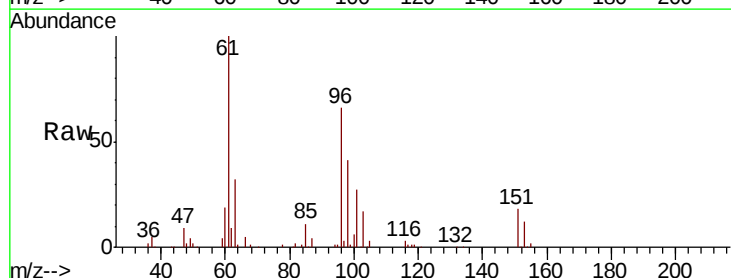
Tot Ion: 59 Resp: 81747  
 Ion Ratio Lower Upper  
 59 100  
 57 10.3 7.7 11.5

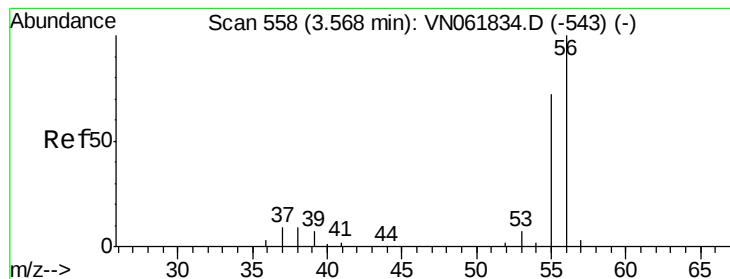


#12

1,1-Dichloroethene  
 Concen: 58.899 ug/l  
 RT: 3.69 min Scan# 597  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

Tgt Ion: 96 Resp: 87957  
 Ion Ratio Lower Upper  
 96 100  
 61 151.7 124.3 186.5  
 98 61.9 53.1 79.7





#13

Acrolein

Concen: 208.435 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

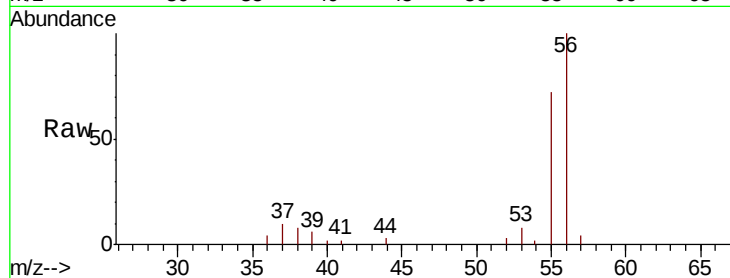
RE139D2-20200616MS

Tot Ion: 56 Resp: 33981

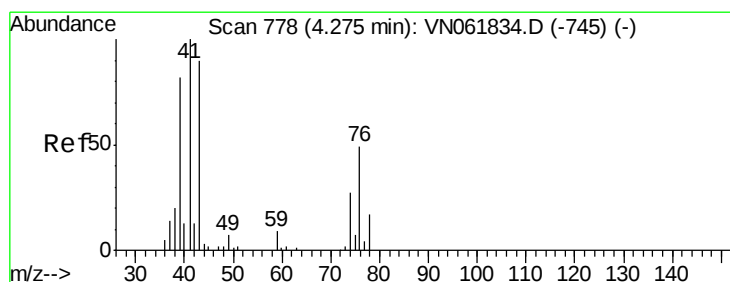
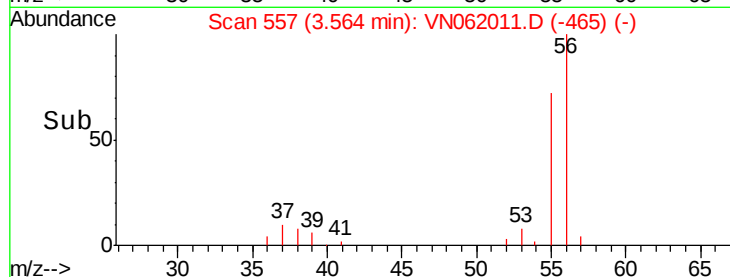
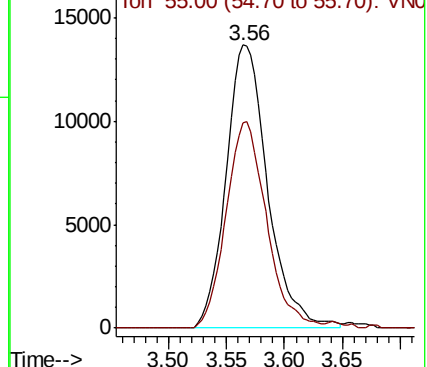
Ion Ratio Lower Upper

56 100

55 71.0 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN061834.D (-543) (-)



#14

Allyl chloride

Concen: 48.219 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

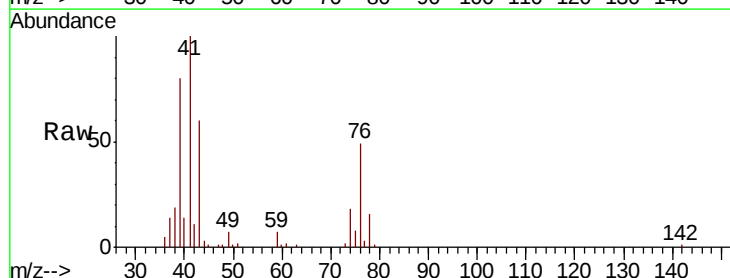
Tgt Ion: 41 Resp: 95571

Ion Ratio Lower Upper

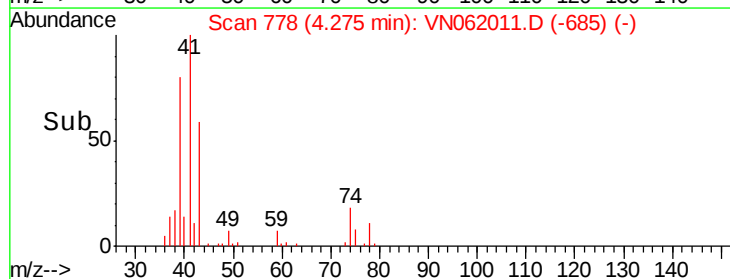
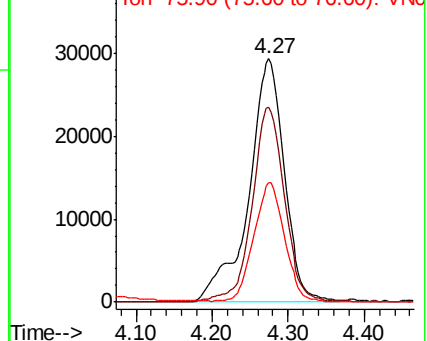
41 100

39 72.6 60.2 90.2

76 42.4 36.3 54.5



Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-745) (-)





#15

Acrylonitrile

Concen: 320.706 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

RE139D2-20200616MS

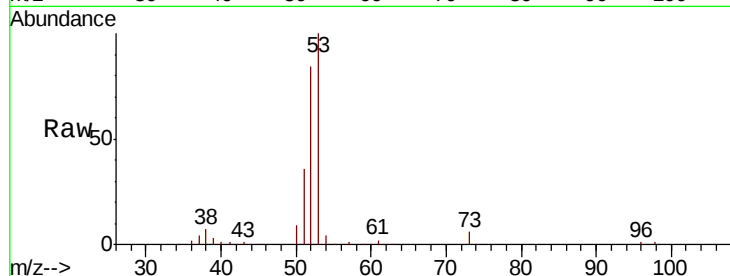
Tot Ion: 53 Resp: 216761

Ion Ratio Lower Upper

53 100

52 83.0 65.2 97.8

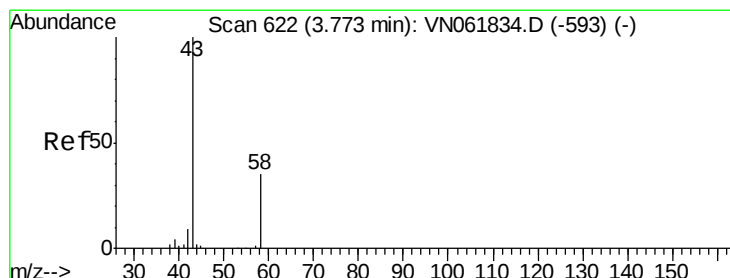
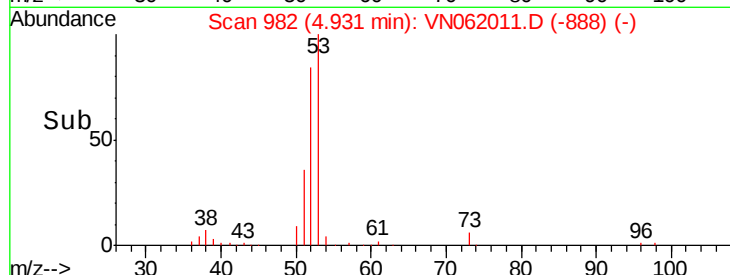
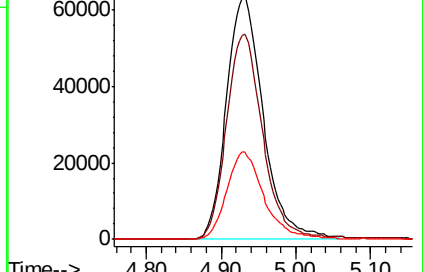
51 36.8 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN061834.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN061834.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN061834.D (-960) (-)



#16

Acetone

Concen: 324.891 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062011.D

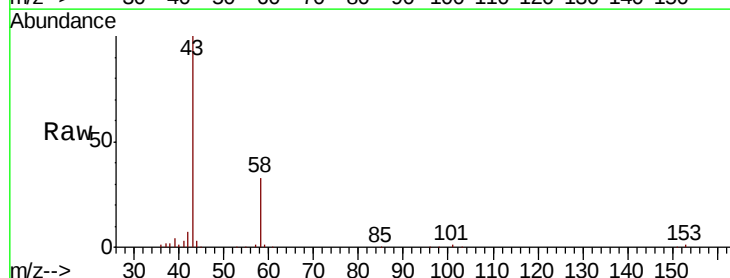
Acq: 22 Jun 2020 19:55

Tgt Ion: 43 Resp: 189169

Ion Ratio Lower Upper

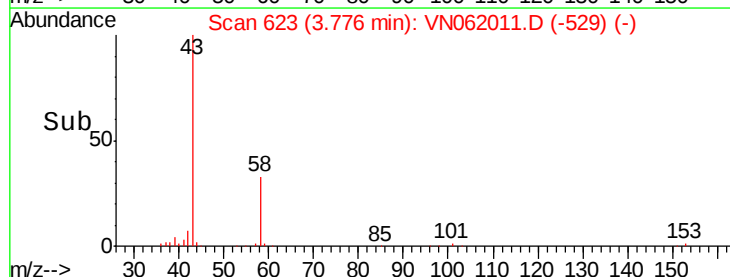
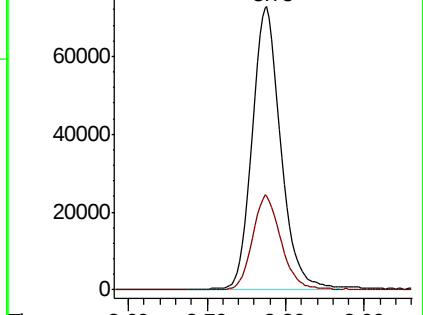
43 100

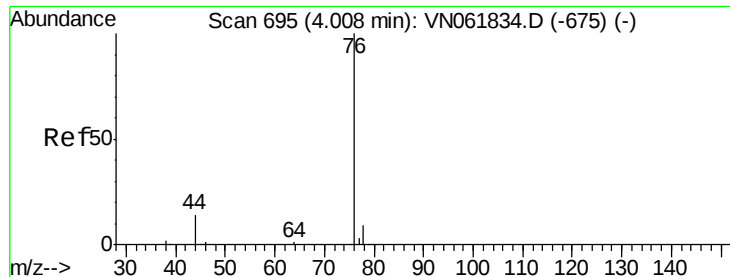
58 33.3 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)

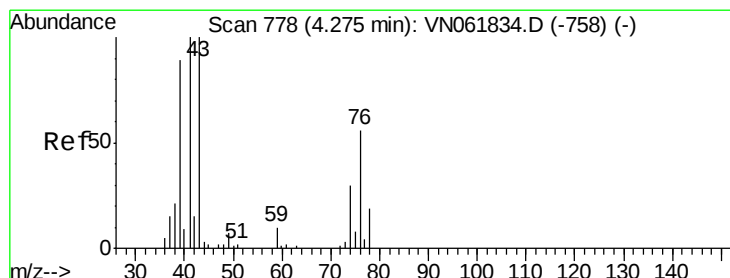
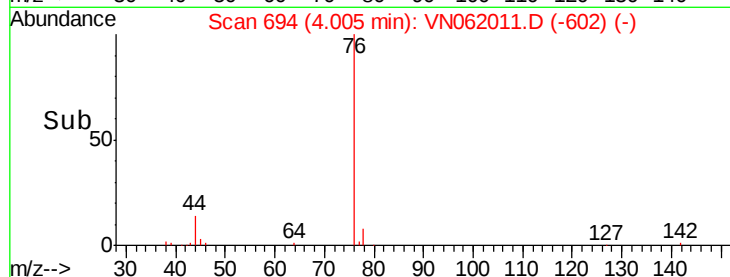
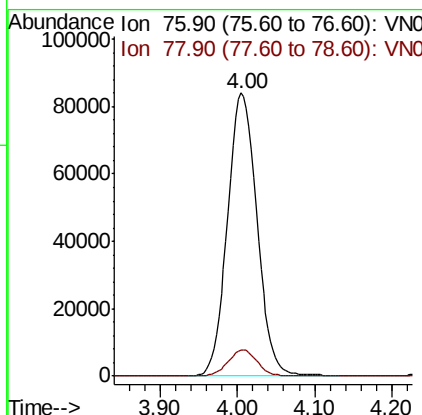
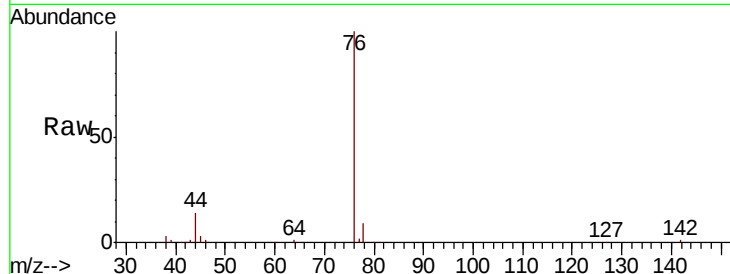




#17  
Carbon Disulfide  
Concen: 50.931 ug/l  
RT: 4.00 min Scan# 694  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

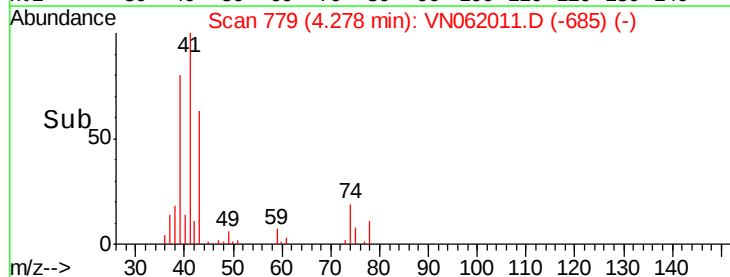
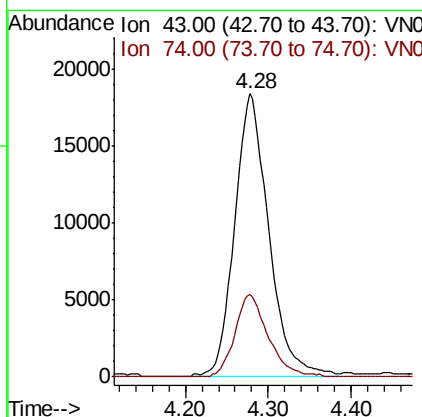
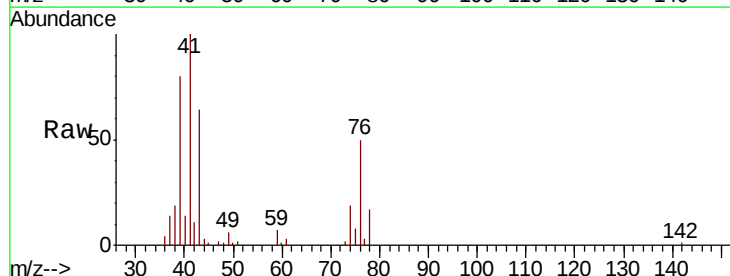
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE139D2-20200616MS

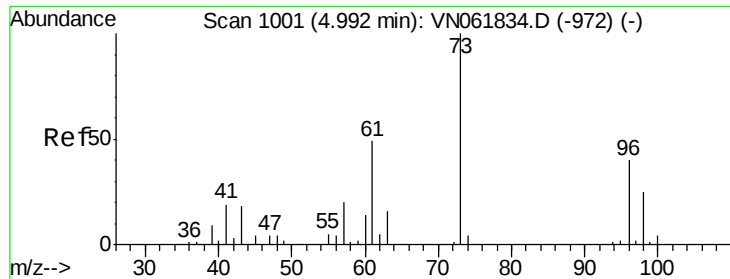
Tot Ion: 76 Resp: 222547  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9



#18  
Methyl Acetate  
Concen: 31.631 ug/l  
RT: 4.28 min Scan# 779  
Delta R.T. 0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Tgt Ion: 43 Resp: 53023  
Ion Ratio Lower Upper  
43 100  
74 28.3 23.0 34.4

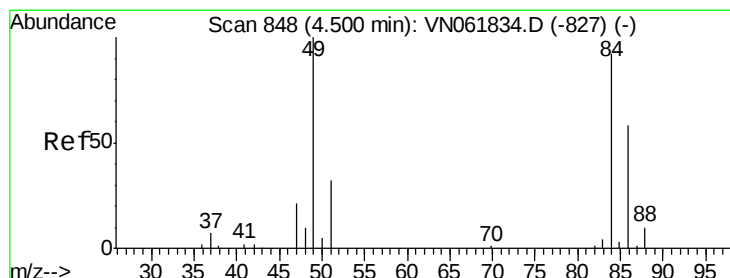
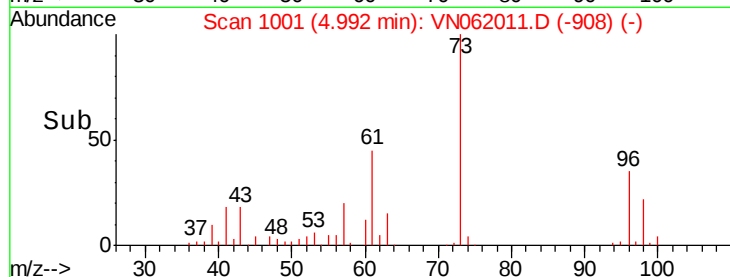
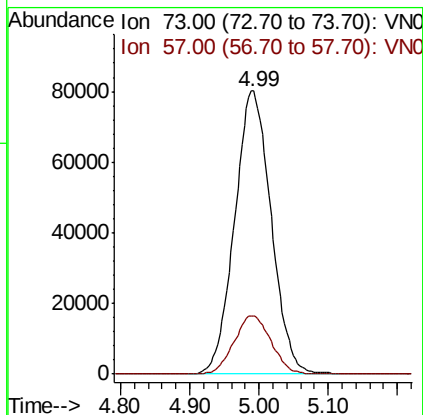
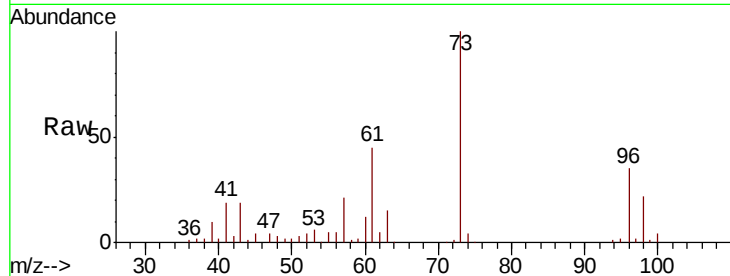




#19  
Methvl tert-butvl Ether  
Concen: 59.194 ug/l  
RT: 4.99 min Scan# 1001  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

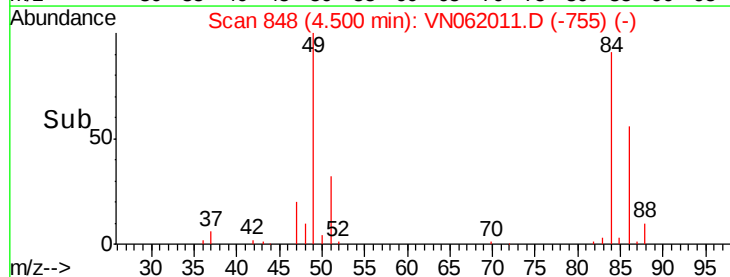
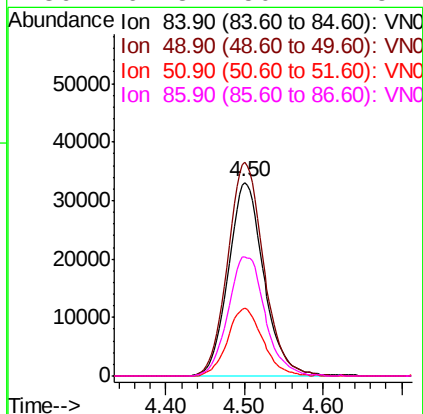
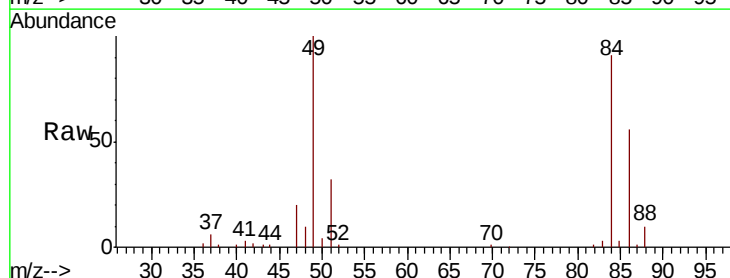
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE139D2-20200616MS

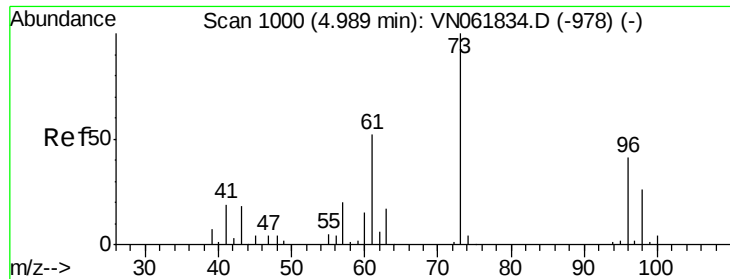
Tot Ion: 73 Resp: 294328  
Ion Ratio Lower Upper  
73 100  
57 20.6 16.2 24.4



#20  
Methylene Chloride  
Concen: 54.895 ug/l  
RT: 4.50 min Scan# 848  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Tgt Ion: 84 Resp: 104135  
Ion Ratio Lower Upper  
84 100  
49 110.3 87.0 130.4  
51 35.0 27.8 41.6  
86 61.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 53.952 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

RE139D2-20200616MS

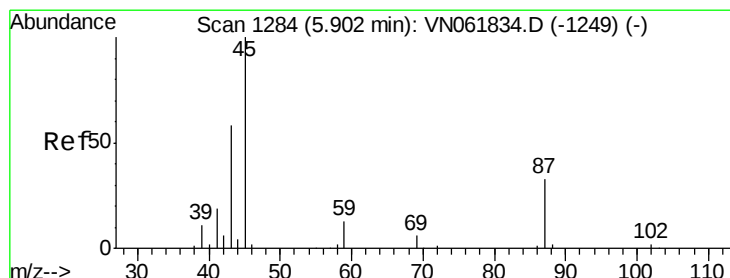
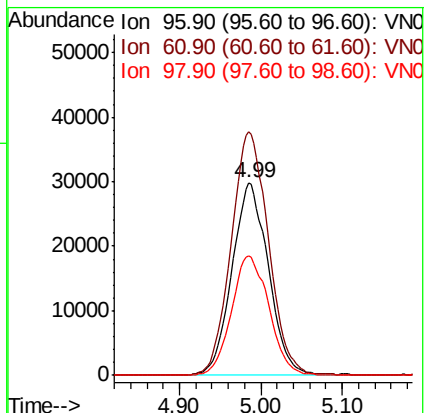
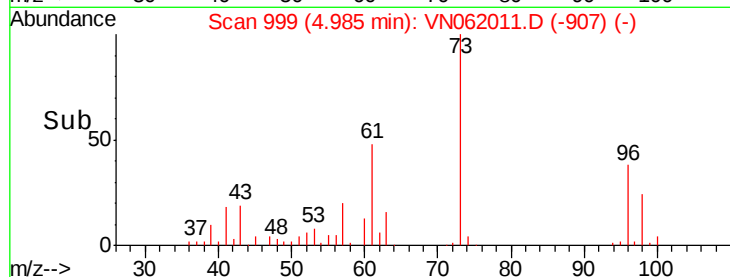
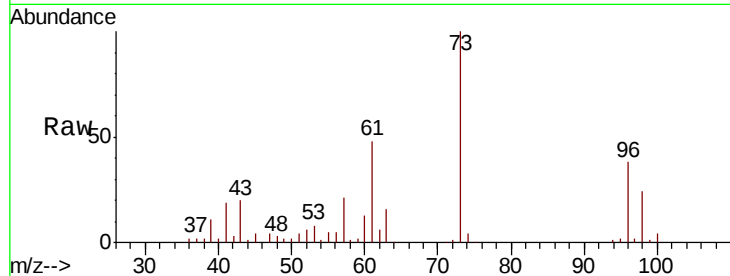
Tot Ion: 96 Resp: 92544

Ion Ratio Lower Upper

96 100

61 126.4 102.2 153.4

98 61.9 51.2 76.8



#22

Diisopropyl ether

Concen: 57.859 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Tgt Ion: 45 Resp: 262272

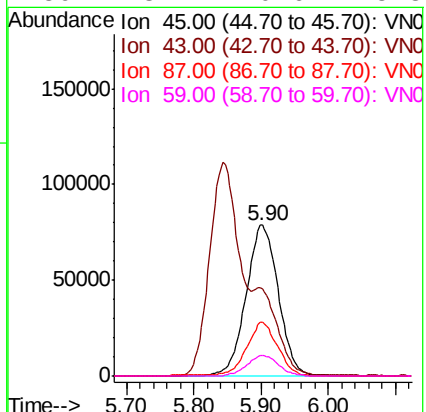
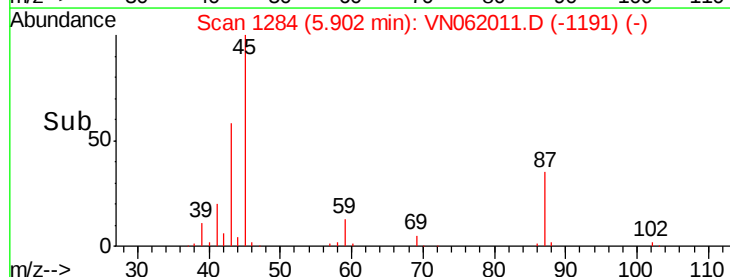
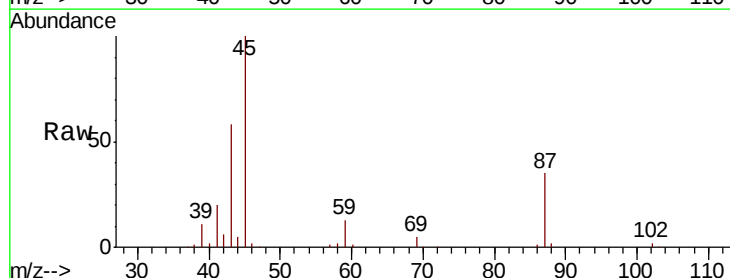
Ion Ratio Lower Upper

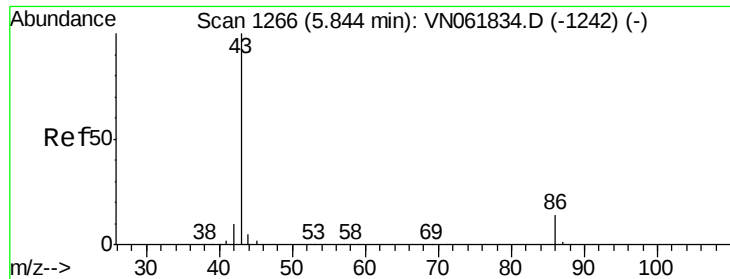
45 100

43 56.9 49.4 74.2

87 35.4 27.4 41.0

59 13.4 10.6 15.8

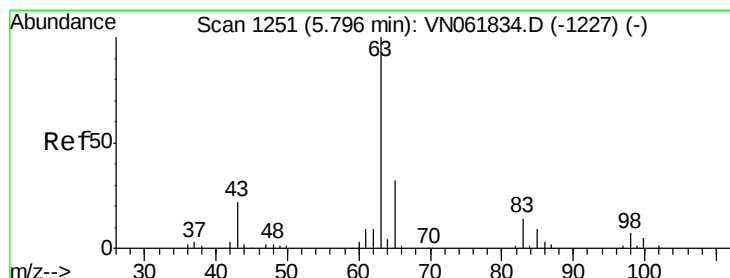
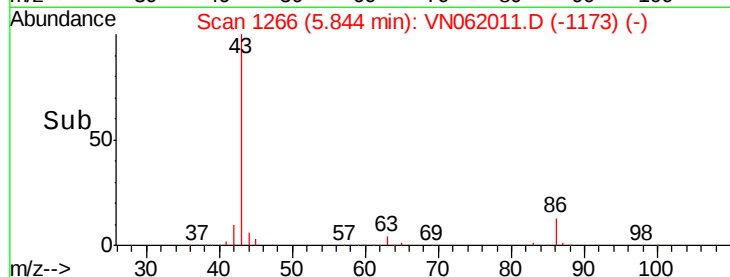
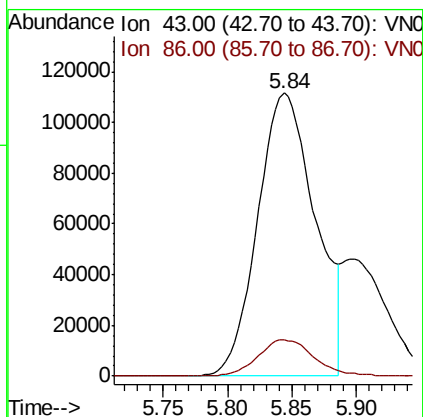
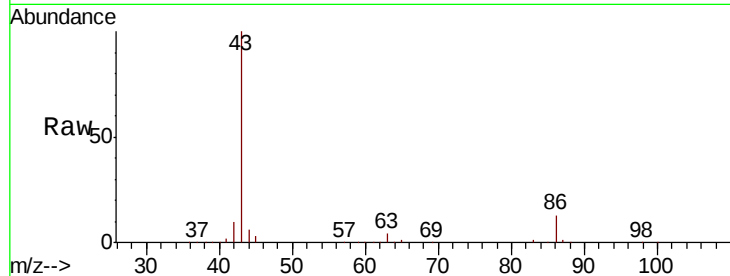




#23  
 Vinyl Acetate  
 Concen: 97.605 ug/l  
 RT: 5.84 min Scan# 1266  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

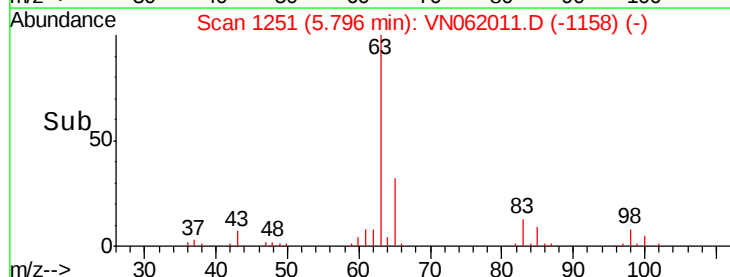
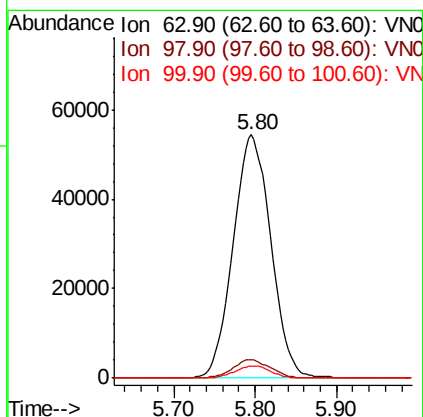
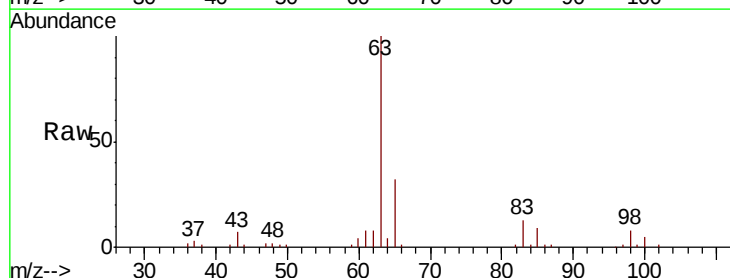
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE139D2-20200616MS

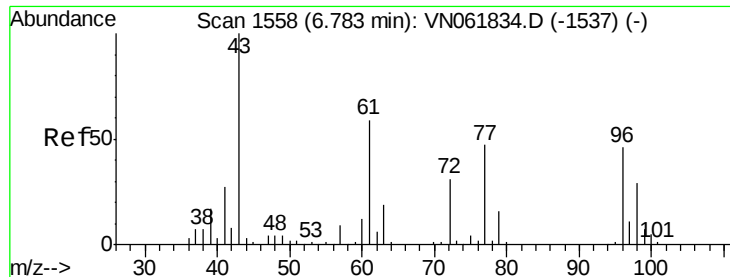
Tot Ion: 43 Resp: 347981  
 Ion Ratio Lower Upper  
 43 100  
 86 12.8 10.9 16.3



#24  
 1,1-Dichloroethane  
 Concen: 58.836 ug/l  
 RT: 5.80 min Scan# 1251  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

Tgt Ion: 63 Resp: 174586  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.5 10.4  
 100 5.0 2.5 7.4





#25

2-Butanone

Concen: 311.682 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

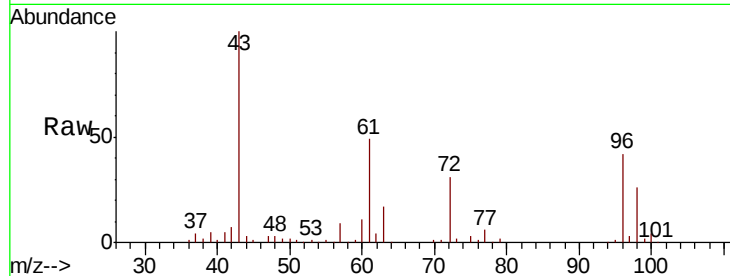
RE139D2-20200616MS

Tot Ion: 43 Resp: 264777

Ion Ratio Lower Upper

43 100

72 31.5 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN061834.D (-1537) (-)

6.79

100000

80000

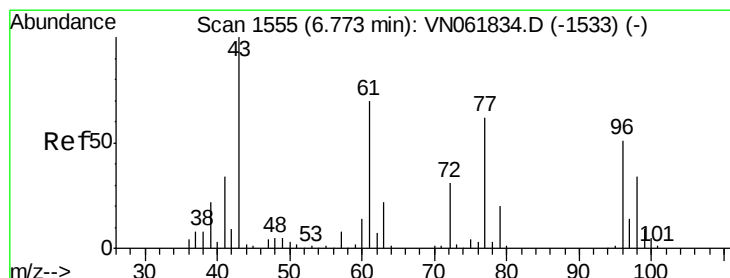
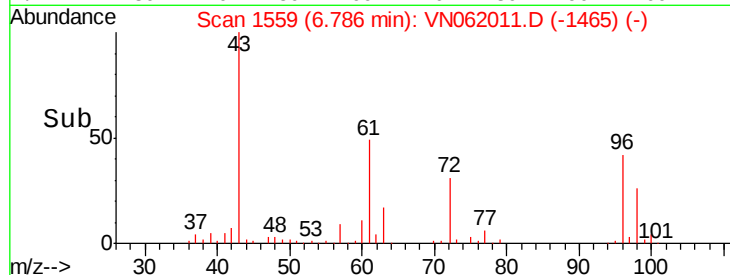
60000

40000

20000

0

Time--> 6.65 6.70 6.75 6.80 6.85



#26

2,2-Dichloropropane

Concen: 7.927 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VN062011.D

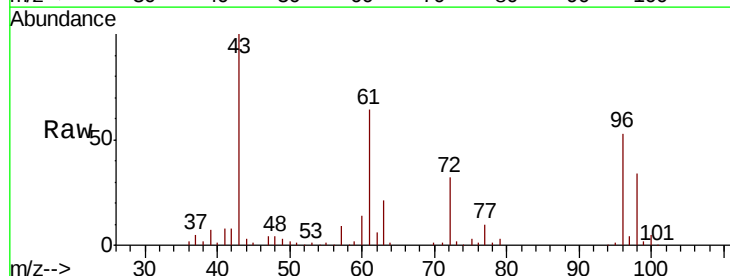
Acq: 22 Jun 2020 19:55

Tgt Ion: 77 Resp: 19789

Ion Ratio Lower Upper

77 100

97 41.2 11.7 35.0#



Abundance Ion 76.90 (76.60 to 77.60): VN061834.D (-1533) (-)

Ion 96.90 (96.60 to 97.60): VN061834.D (-1533) (-)

6.77

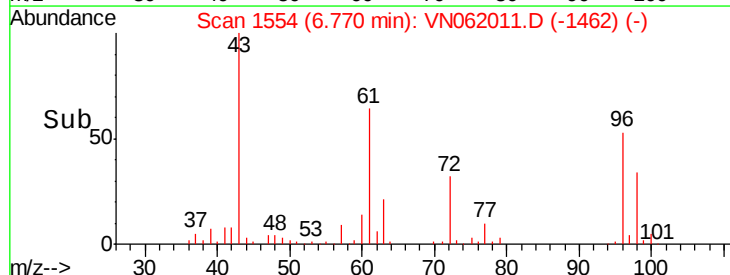
6000

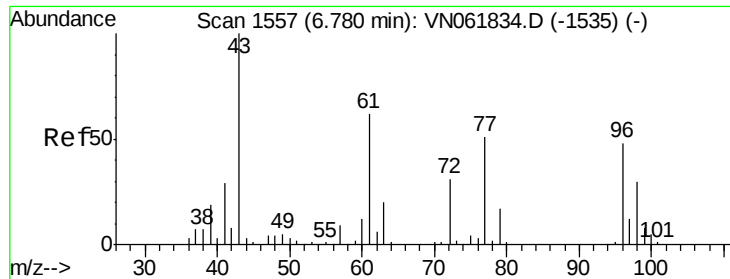
4000

2000

0

Time--> 6.65 6.70 6.75 6.80 6.85

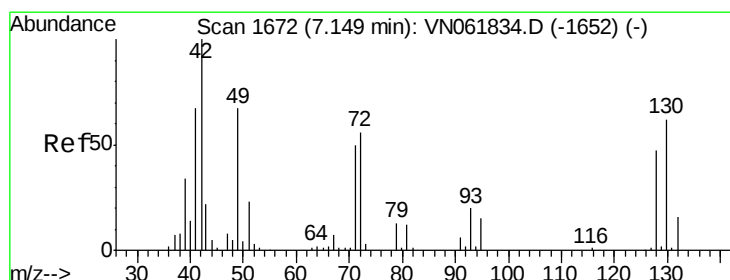
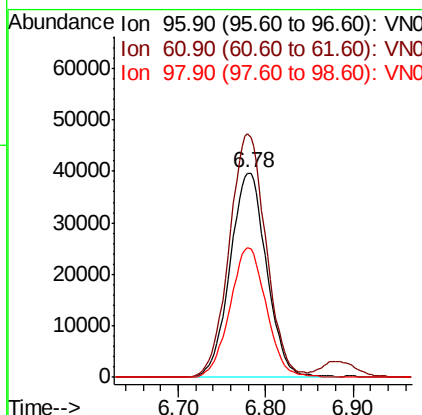
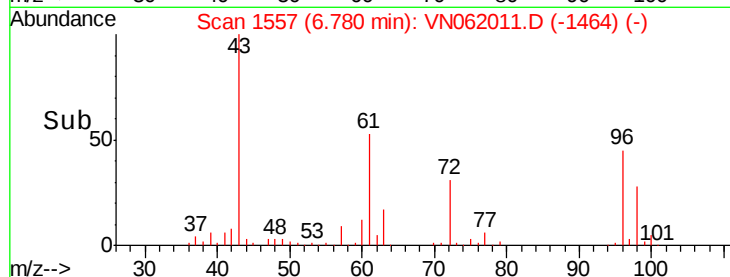
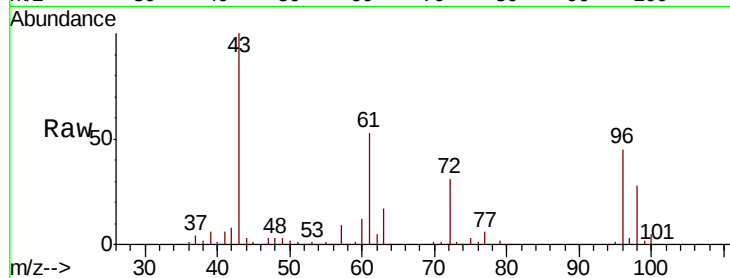




#27  
 cis-1,2-Dichloroethene  
 Concen: 58.074 ug/l  
 RT: 6.78 min Scan# 1557  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

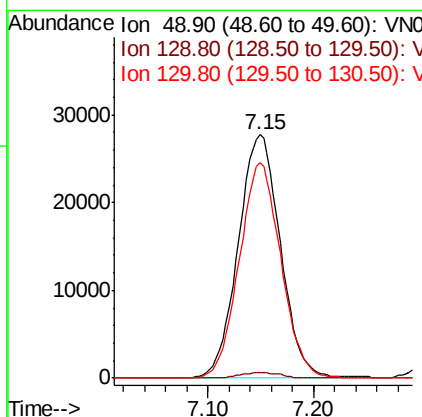
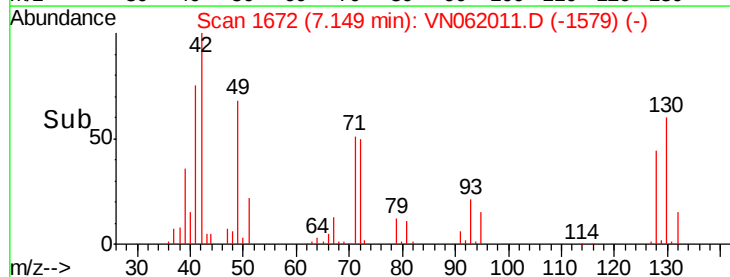
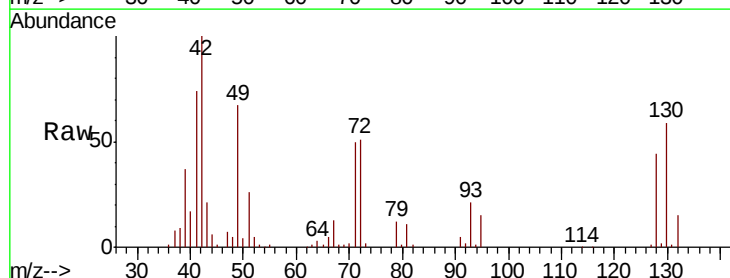
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE139D2-20200616MS

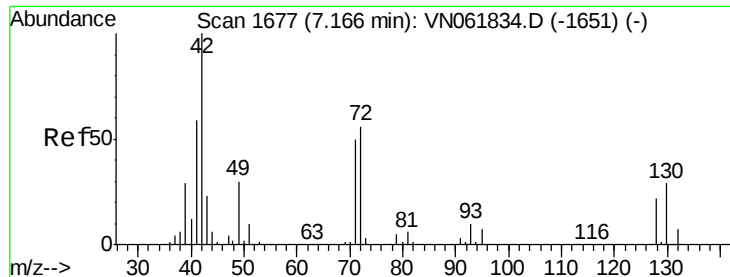
Tot Ion: 96 Resp: 114940  
 Ion Ratio Lower Upper  
 96 100  
 61 119.7 0.0 265.6  
 98 63.2 0.0 128.2



#28  
 Bromochloromethane  
 Concen: 58.255 ug/l  
 RT: 7.15 min Scan# 1672  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

Tgt Ion: 49 Resp: 76967  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 4.0  
 130 87.3 72.2 108.2

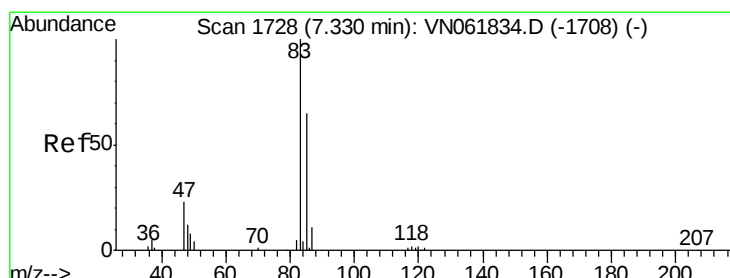
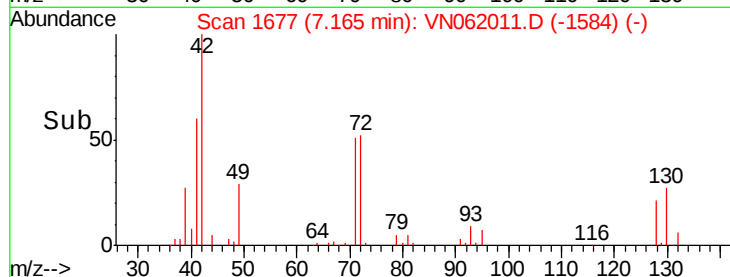
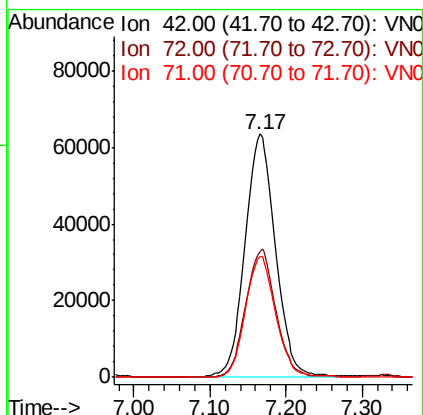
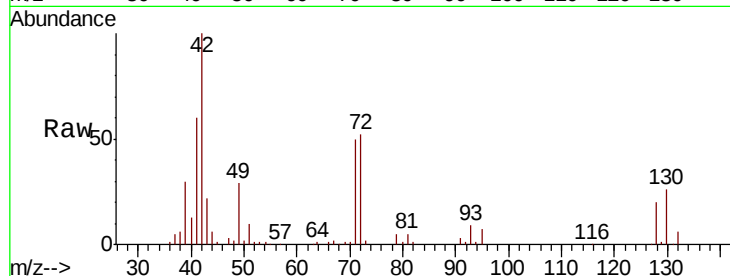




#29  
Tetrahydrofuran  
Concen: 317.422 ug/l  
RT: 7.17 min Scan# 1677  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

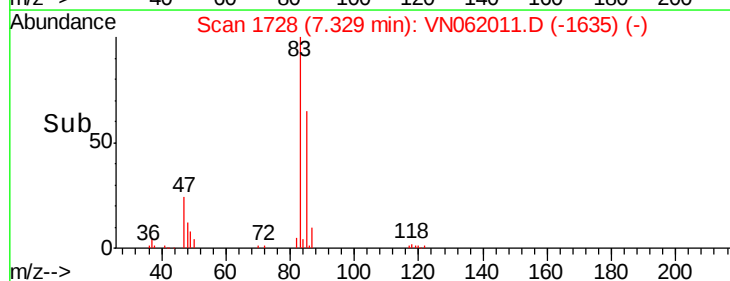
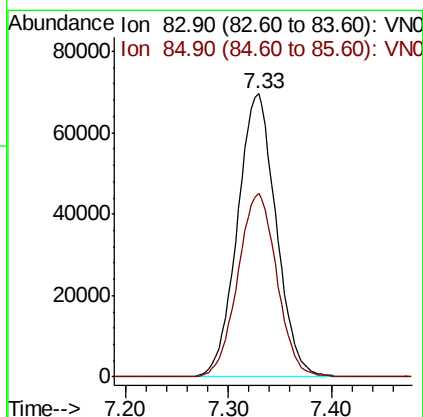
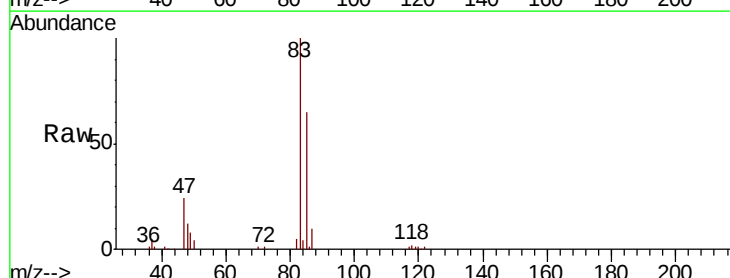
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE139D2-20200616MS

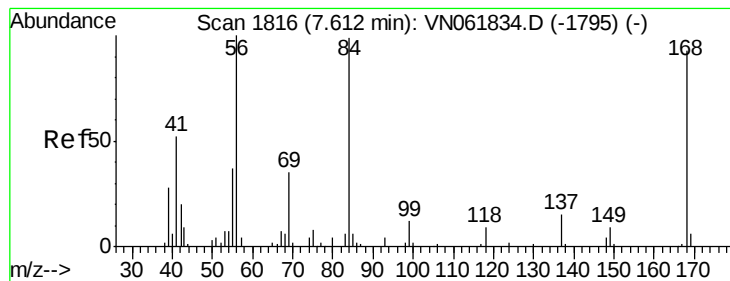
Tot Ion: 42 Resp: 177461  
Ion Ratio Lower Upper  
42 100  
72 52.2 44.0 66.0  
71 49.0 40.0 60.0



#30  
Chloroform  
Concen: 57.233 ug/l  
RT: 7.33 min Scan# 1728  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Tgt Ion: 83 Resp: 181504  
Ion Ratio Lower Upper  
83 100  
85 64.7 52.0 78.0





#31

Cyclohexane

Concen: 51.917 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

RE139D2-20200616MS

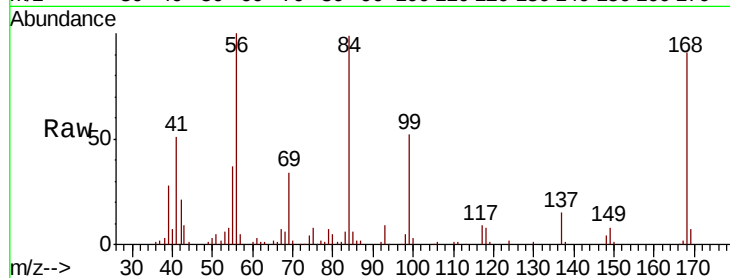
Tot Ion: 56 Resp: 134863

Ion Ratio Lower Upper

56 100

69 34.4 27.7 41.5

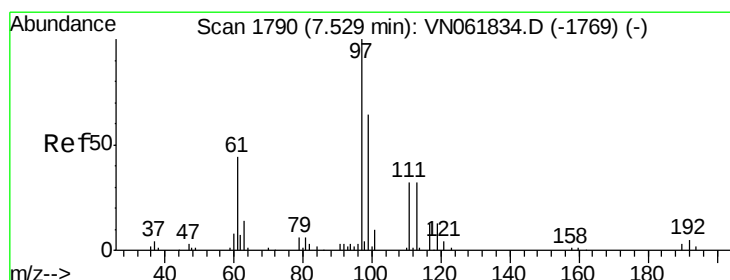
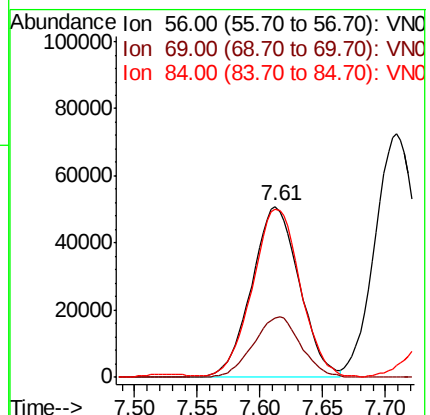
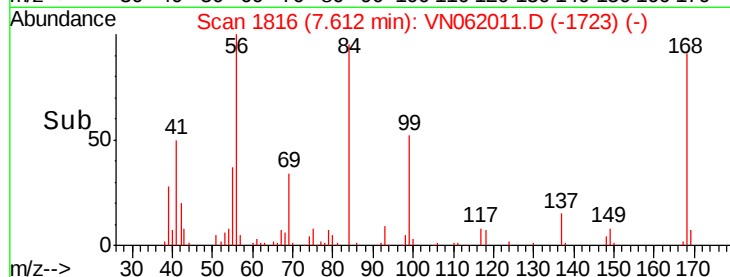
84 97.4 79.1 118.7



Abundance Ion 56.00 (55.70 to 56.70): VN062011.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062011.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062011.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 56.449 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

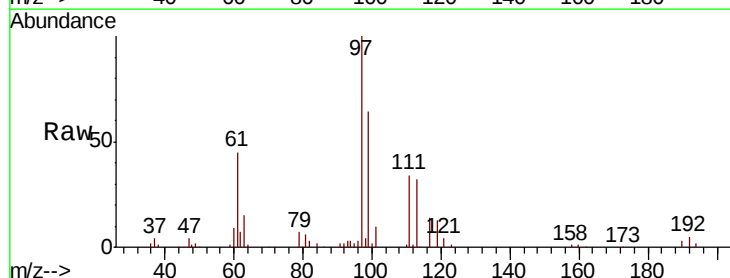
Tgt Ion: 97 Resp: 152457

Ion Ratio Lower Upper

97 100

99 64.1 51.5 77.3

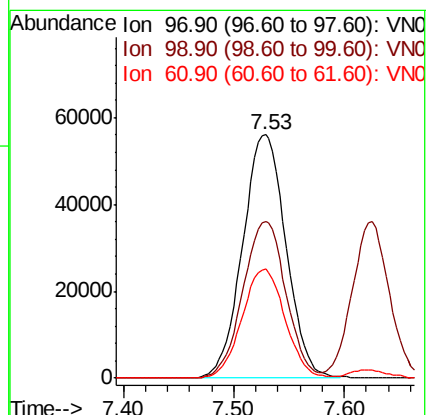
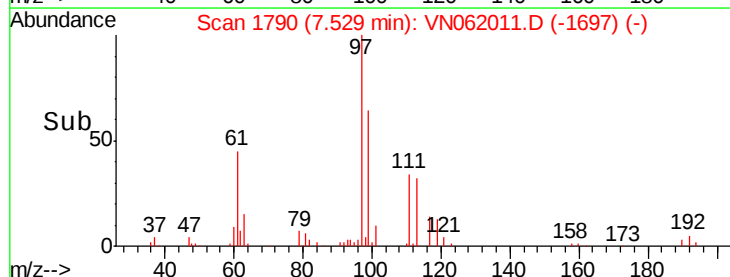
61 44.7 35.1 52.7

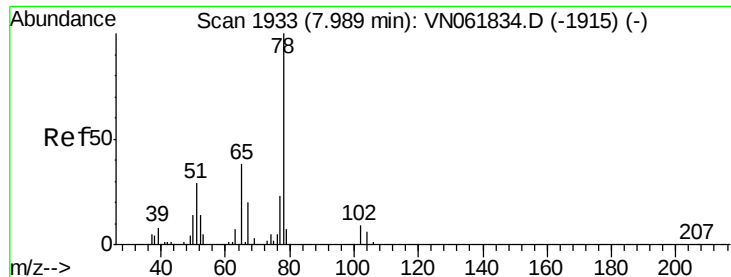


Abundance Ion 96.90 (96.60 to 97.60): VN062011.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062011.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062011.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 53.962 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

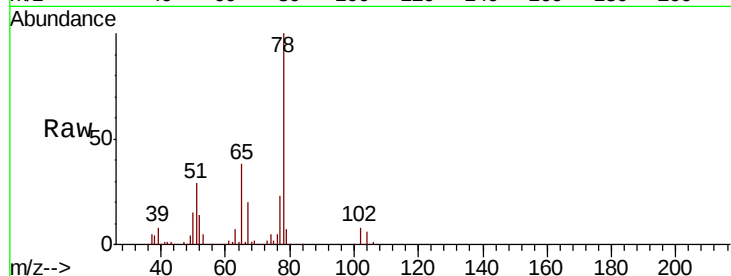
RE139D2-20200616MS

Tot Ion: 65 Resp: 106369

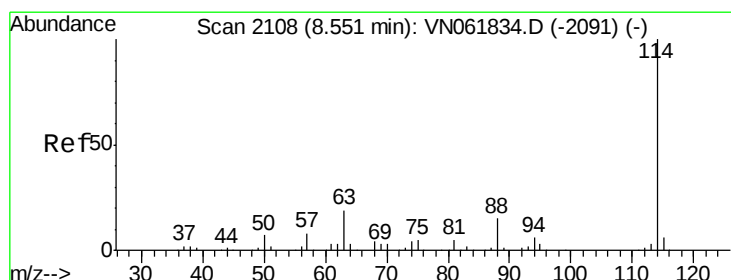
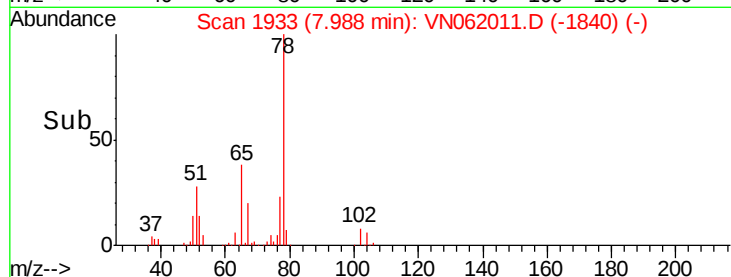
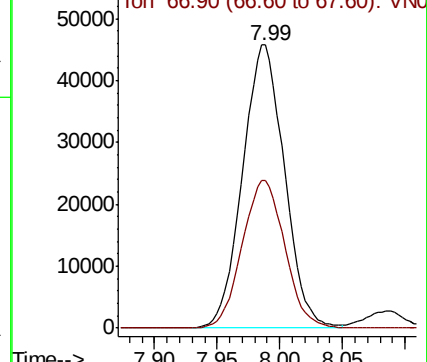
Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

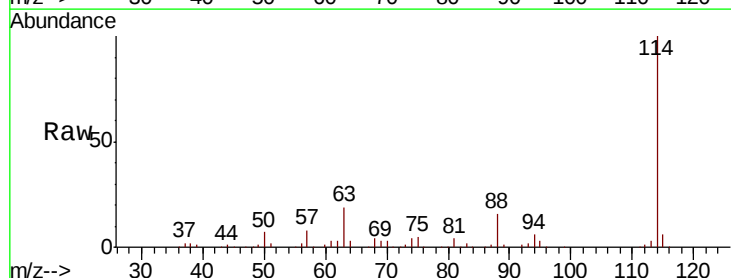
Tgt Ion: 114 Resp: 281887

Ion Ratio Lower Upper

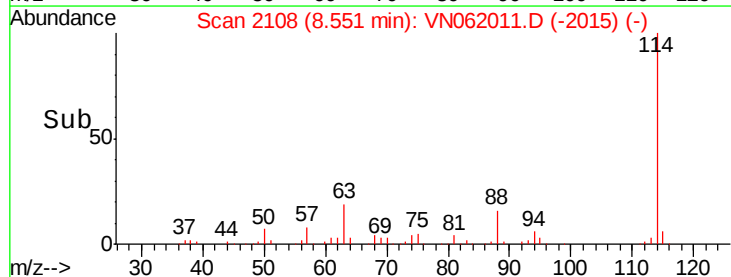
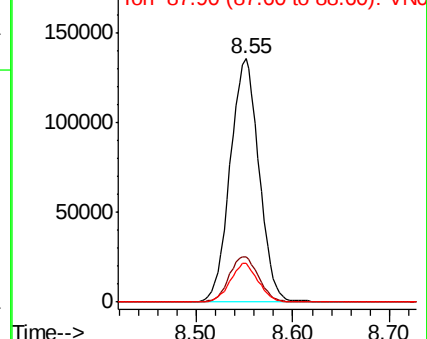
114 100

63 18.7 0.0 37.6

88 15.7 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN061834.D (-2091) (-)

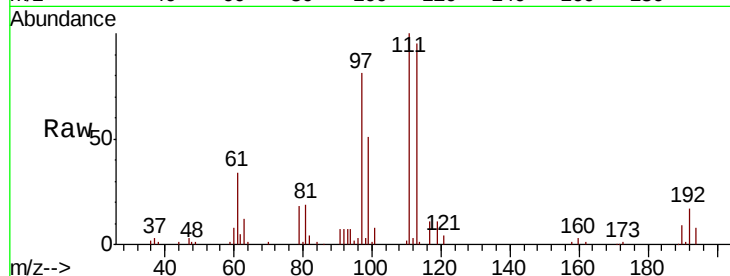




#35  
 Dibromofluoromethane  
 Concen: 49.444 ug/l  
 RT: 7.55 min Scan# 1796  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE139D2-20200616MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 104.2 | 83.7  | 125.5 |
| 192     | 17.6  | 13.9  | 20.9  |

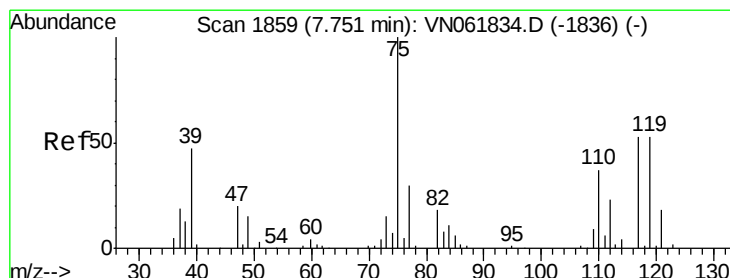
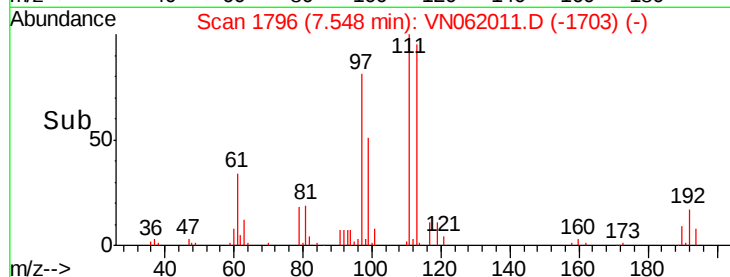
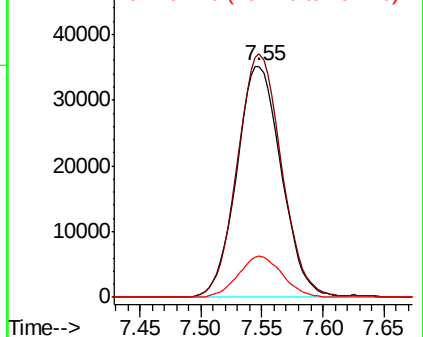


Abundance

Ion 112.80 (112.50 to 113.50): V

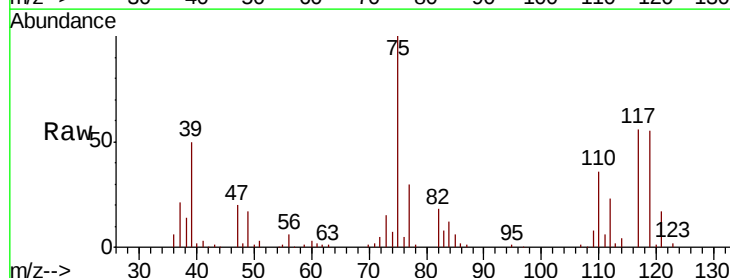
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36  
 1,1-Dichloropropene  
 Concen: 49.187 ug/l  
 RT: 7.75 min Scan# 1859  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.4  | 18.2  | 54.6  |
| 77      | 31.3  | 24.2  | 36.4  |

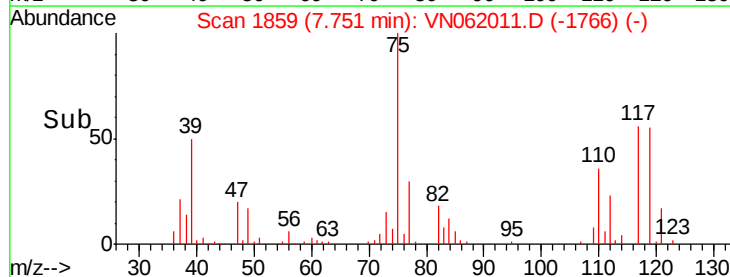
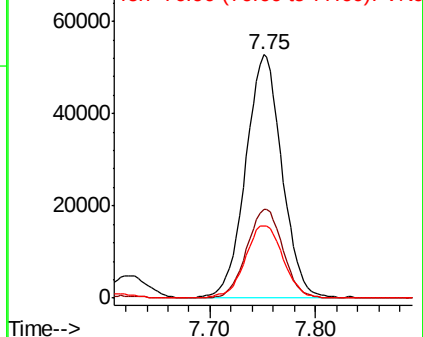


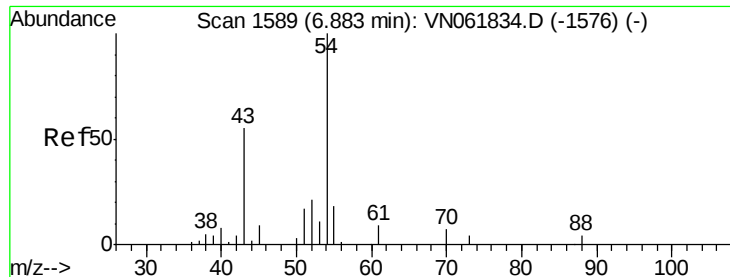
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

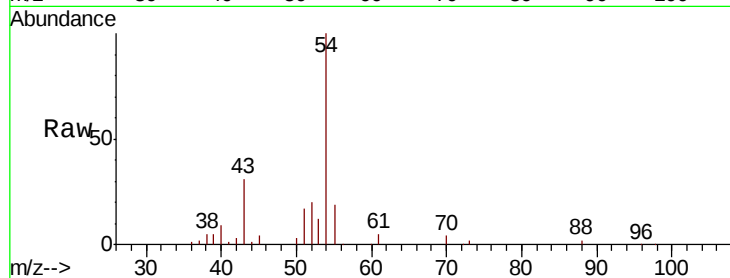




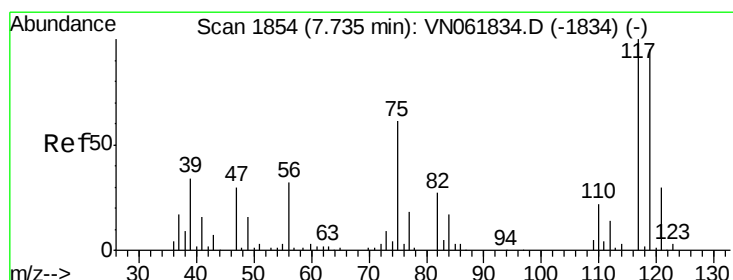
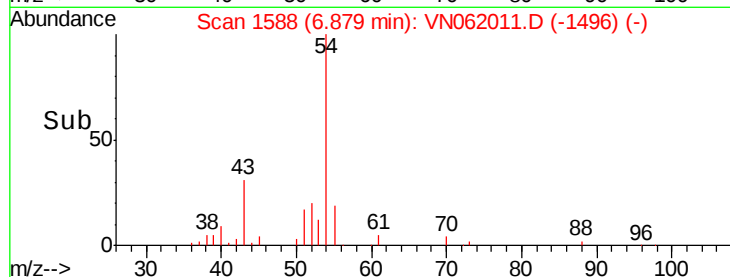
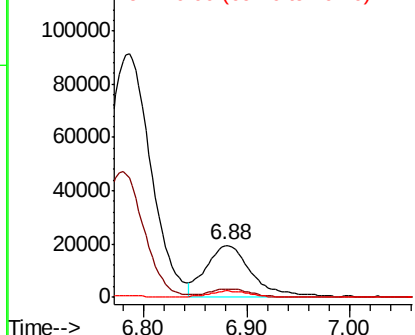
#37  
Ethyl Acetate  
Concen: 29.042 ug/l  
RT: 6.88 min Scan# 1588  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE139D2-20200616MS

Tot Ion: 43 Resp: 58311  
Ion Ratio Lower Upper  
43 100  
61 15.5 13.0 19.4  
70 11.4 9.4 14.2

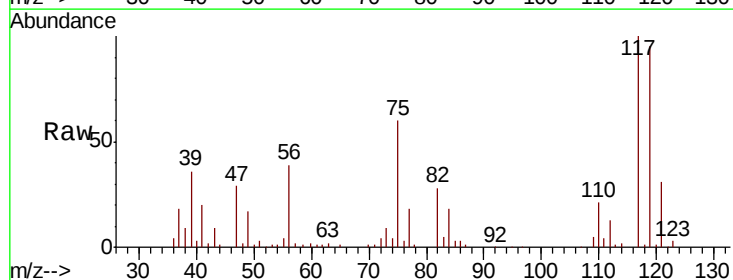


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

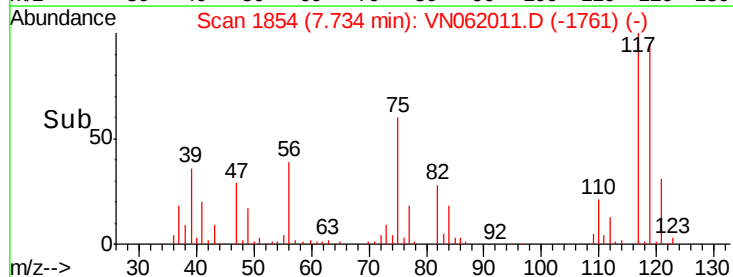
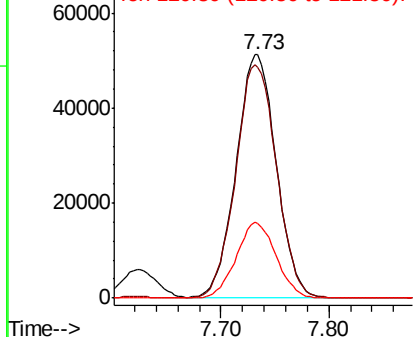


#38  
Carbon Tetrachloride  
Concen: 52.112 ug/l  
RT: 7.73 min Scan# 1854  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Tgt Ion: 117 Resp: 132684  
Ion Ratio Lower Upper  
117 100  
119 94.8 75.8 113.6  
121 30.6 23.8 35.6



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

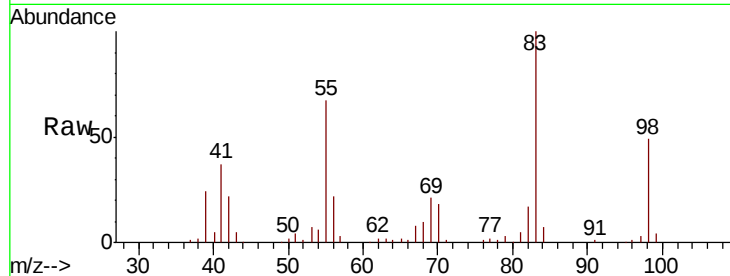




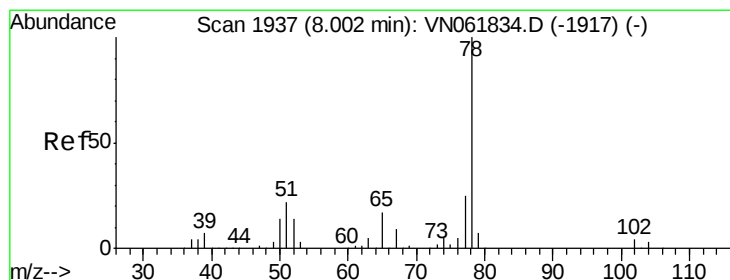
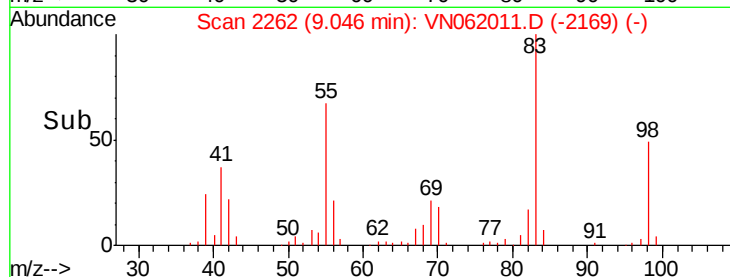
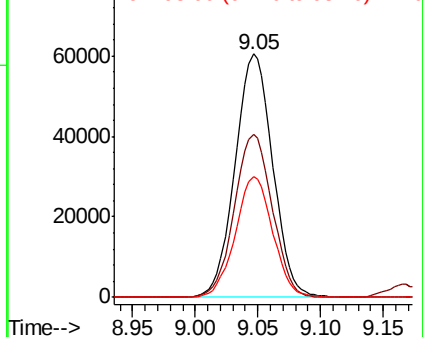
#39  
Methvlcvclohexane  
Concen: 45.486 ug/l  
RT: 9.05 min Scan# 2262  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE139D2-20200616MS

Tot Ion: 83 Resp: 125931  
Ion Ratio Lower Upper  
83 100  
55 67.1 54.2 81.4  
98 49.4 39.8 59.6

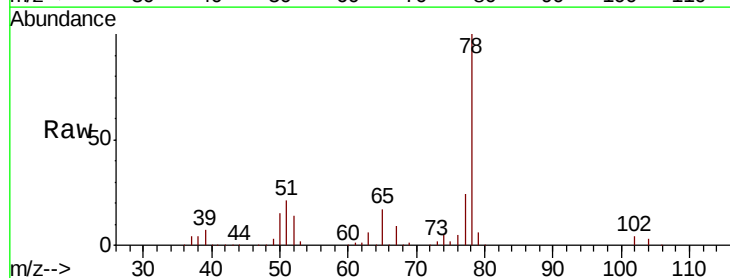


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

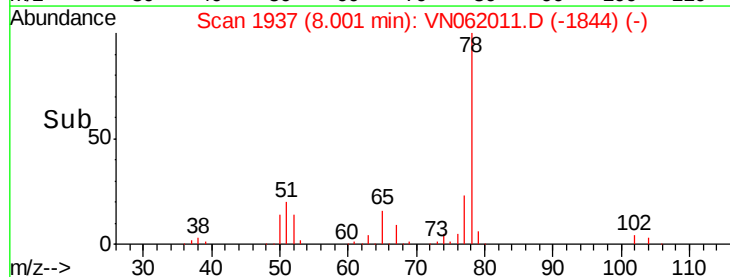
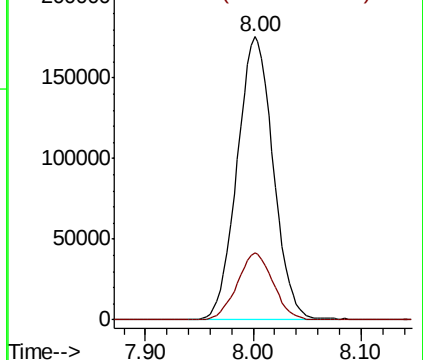


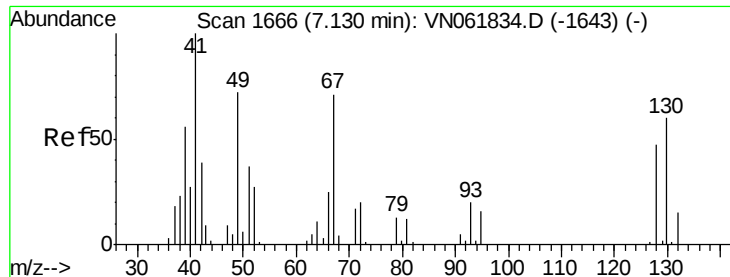
#40  
Benzene  
Concen: 52.553 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Tgt Ion: 78 Resp: 409313  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.7 29.5



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

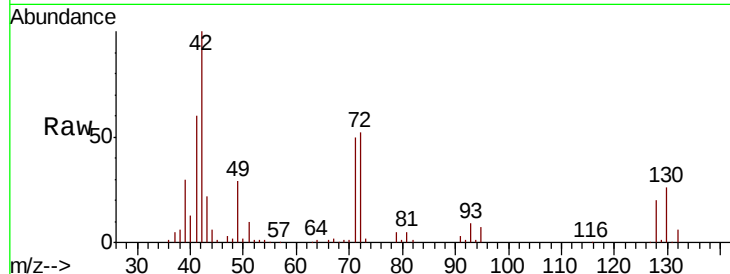




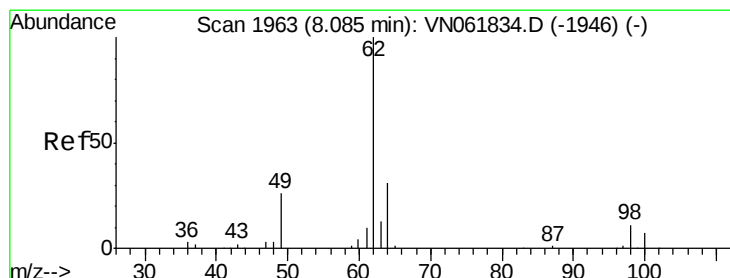
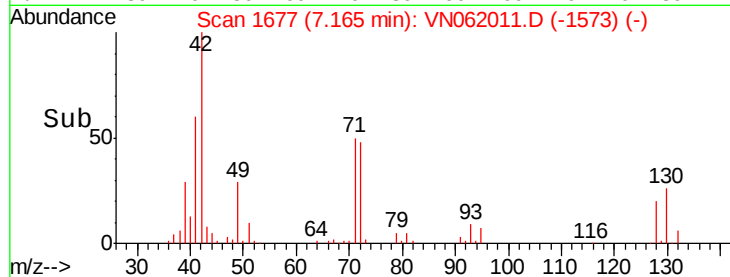
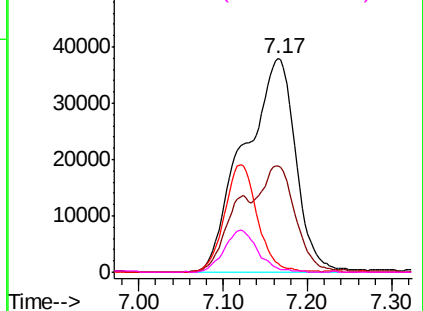
#41  
Methacrylonitrile  
Concen: 187.710 ug/l  
RT: 7.17 min Scan# 1677  
Delta R.T. 0.04 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE139D2-20200616MS

Tot Ion: 41 Resp: 161160  
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

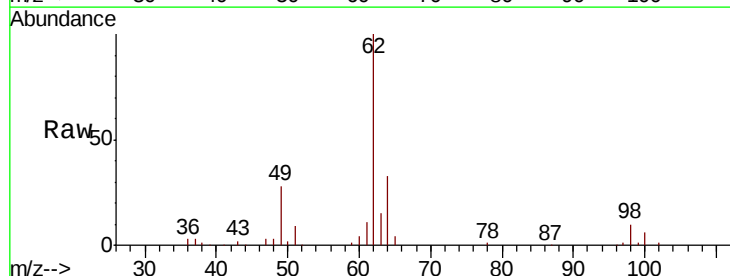


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

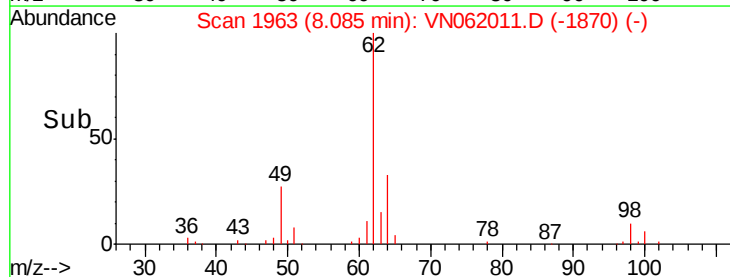
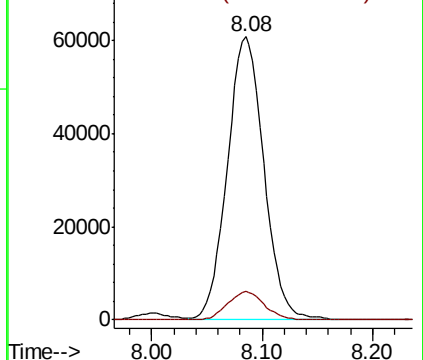


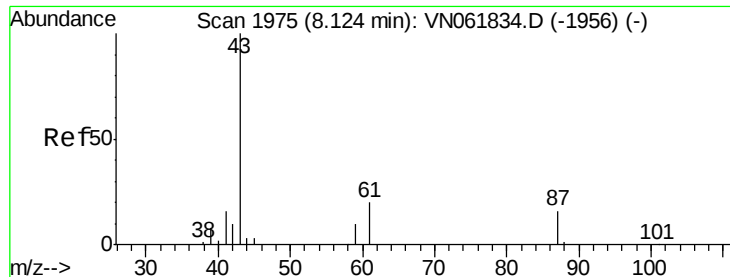
#42  
1,2-Dichloroethane  
Concen: 52.390 ug/l  
RT: 8.08 min Scan# 1963  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Tgt Ion: 62 Resp: 139129  
Ion Ratio Lower Upper  
62 100  
98 10.1 0.0 20.4



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





#43

Isopropyl Acetate

Concen: 36.104 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

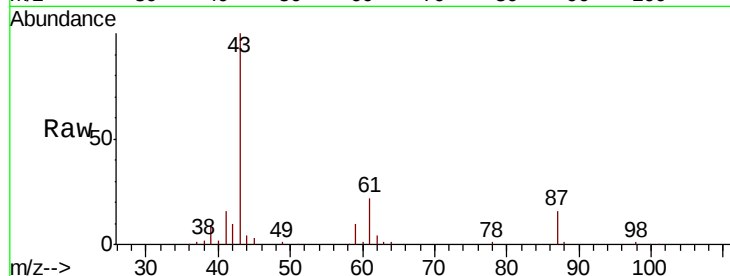
MSVOA\_N

ClientSampleId :

RE139D2-20200616MS

Tot Ion: 43 Resp: 122161

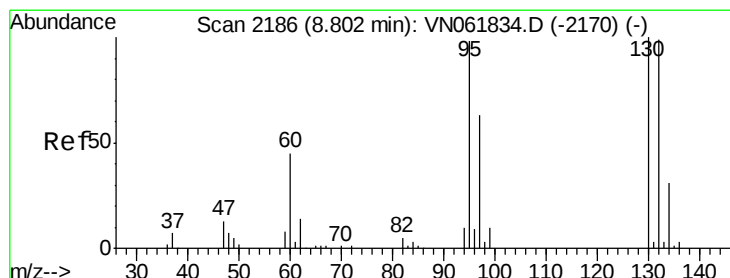
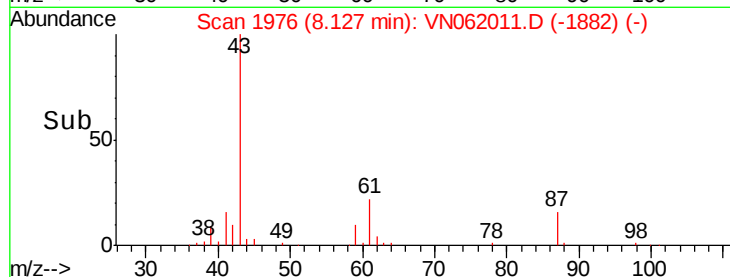
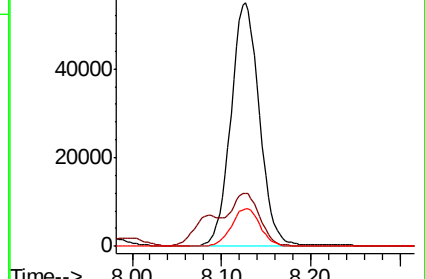
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 21.3  | 24.0  | 36.0# |
| 87  | 15.5  | 12.5  | 18.7  |



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061834.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061834.D (-1956) (-)



#44

Trichloroethene

Concen: 207.632 ug/l

RT: 8.80 min Scan# 2186

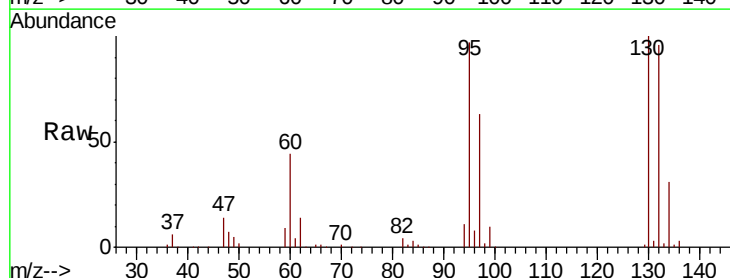
Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

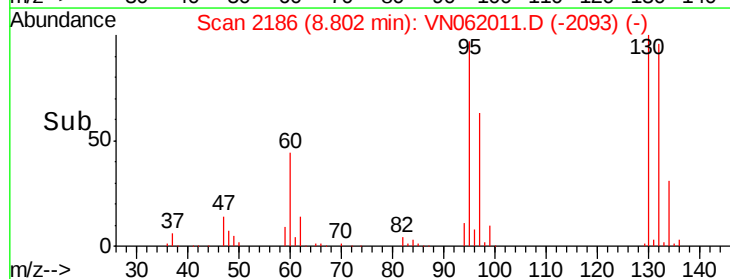
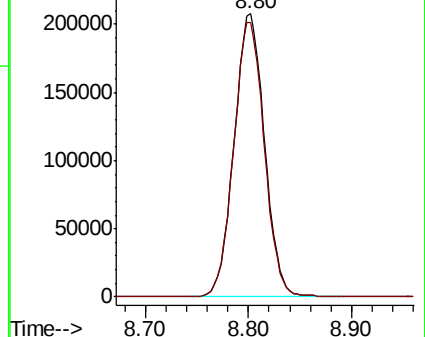
Tgt Ion:130 Resp: 425592

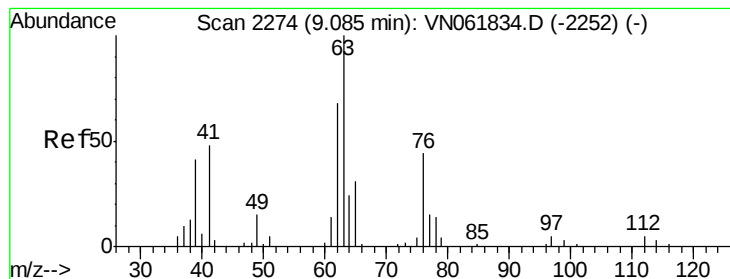
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 97.2  | 0.0   | 195.6 |



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN061834.D (-2170) (-)





#45

1,2-Dichloropropane

Concen: 53.397 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

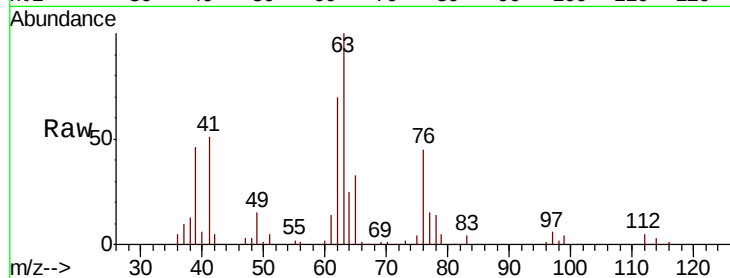
RE139D2-20200616MS

Tot Ion: 63 Resp: 102203

Ion Ratio Lower Upper

63 100

65 32.6 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VN061834.D (-2252) (-)

Ion 64.90 (64.60 to 65.60): VN061834.D (-2252) (-)

9.08

60000

50000

40000

30000

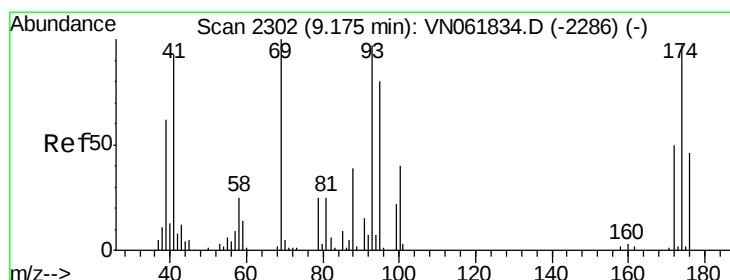
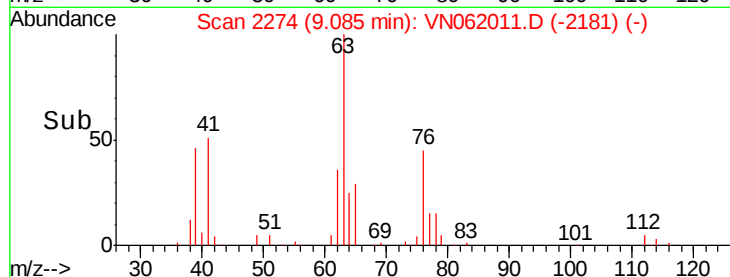
20000

10000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 52.089 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

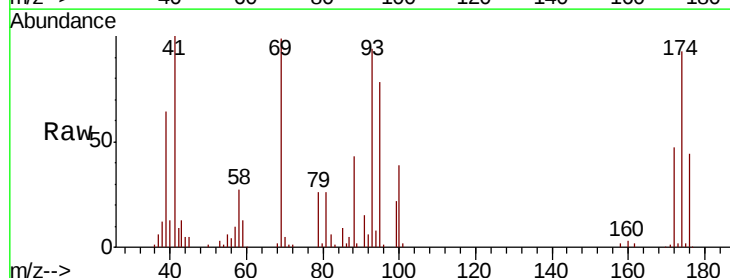
Tgt Ion: 93 Resp: 70208

Ion Ratio Lower Upper

93 100

95 84.2 65.8 98.6

174 97.5 78.5 117.7



Abundance Ion 92.80 (92.50 to 93.50): VN061834.D (-2286) (-)

Ion 94.80 (94.50 to 95.50): VN061834.D (-2286) (-)

Ion 173.70 (173.40 to 174.40): VN061834.D (-2286) (-)

9.17

40000

30000

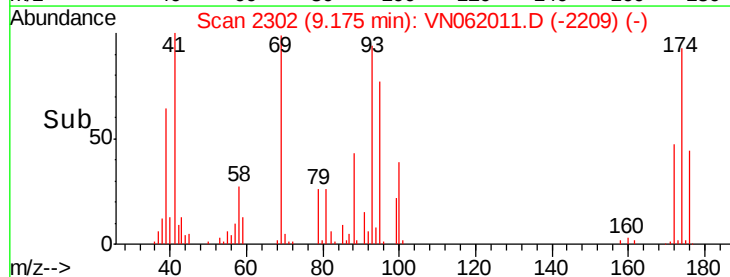
20000

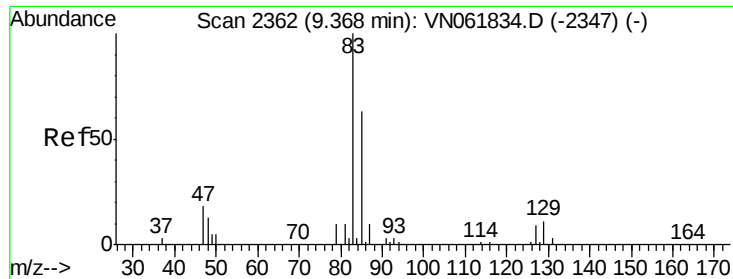
10000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 52.245 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

RE139D2-20200616MS

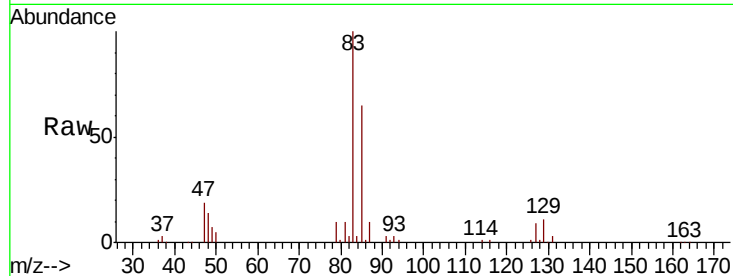
Tot Ion: 83 Resp: 144193

Ion Ratio Lower Upper

83 100

85 64.6 50.8 76.2

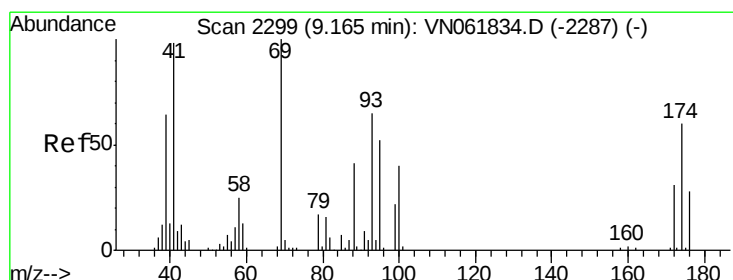
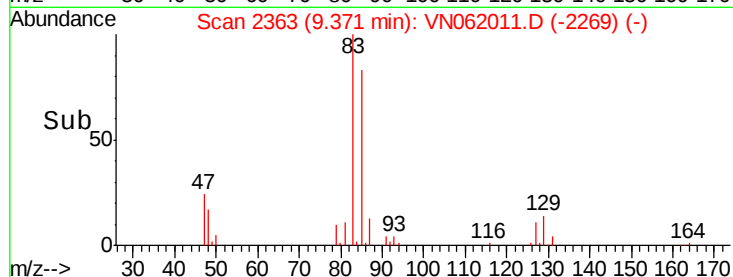
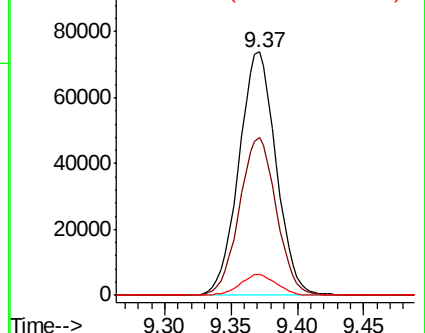
127 8.8 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN062011.D (-2269) (-)

Ion 84.90 (84.60 to 85.60): VN062011.D (-2269) (-)

Ion 126.80 (126.50 to 127.50): VN062011.D (-2269) (-)



#48

Methyl methacrylate

Concen: 57.210 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

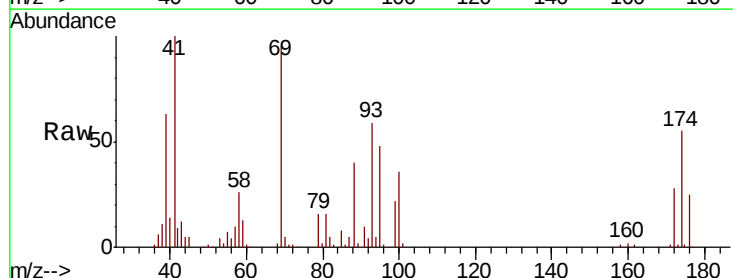
Tgt Ion: 41 Resp: 88031

Ion Ratio Lower Upper

41 100

69 96.6 83.0 124.4

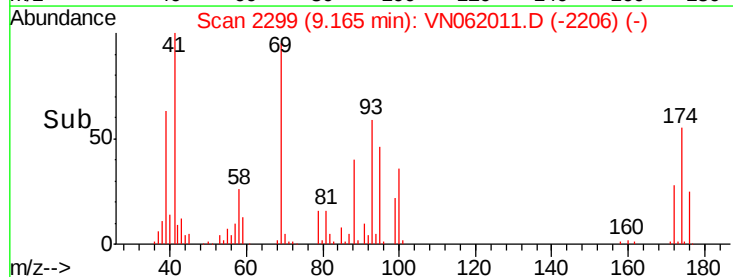
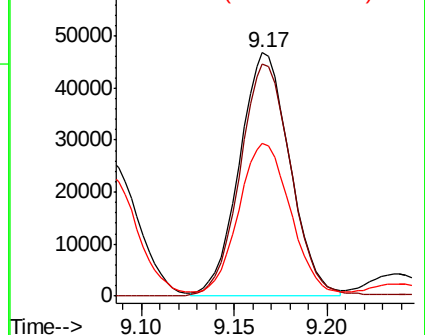
39 65.6 55.1 82.7

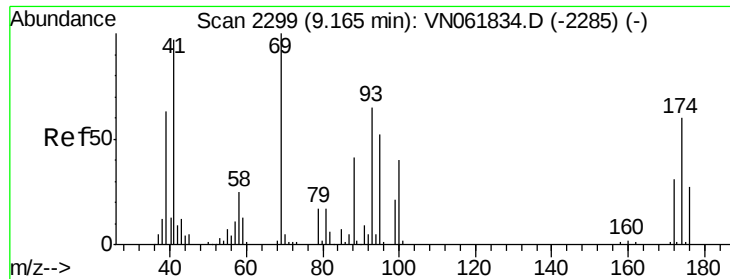


Abundance Ion 41.00 (40.70 to 41.70): VN062011.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062011.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062011.D (-2206) (-)





#49

1,4-Dioxane

Concen: 1105.704 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

RE139D2-20200616MS

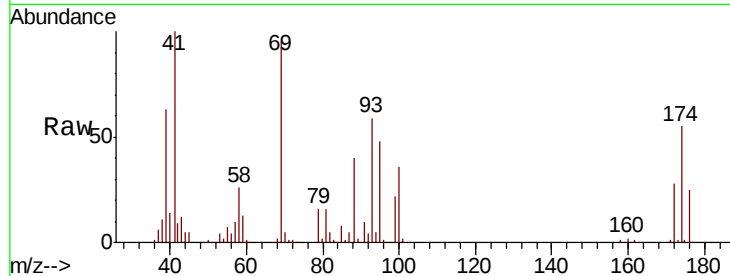
Tot Ion: 88 Resp: 39062

Ion Ratio Lower Upper

88 100

43 29.3 23.4 35.2

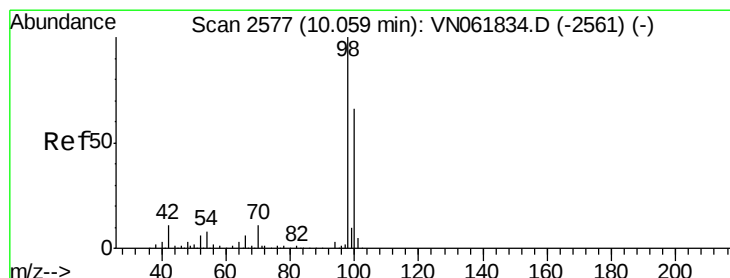
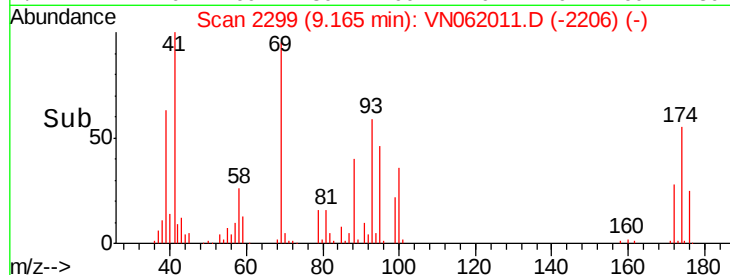
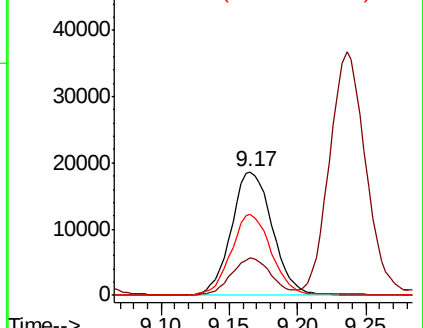
58 63.7 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN062011.D (-2206) (-)

Ion 43.00 (42.70 to 43.70): VN062011.D (-2206) (-)

Ion 58.00 (57.70 to 58.70): VN062011.D (-2206) (-)



#50

Toluene-d8

Concen: 48.447 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062011.D

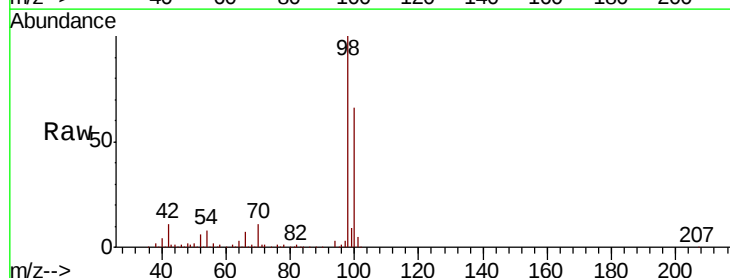
Acq: 22 Jun 2020 19:55

Tgt Ion: 98 Resp: 343478

Ion Ratio Lower Upper

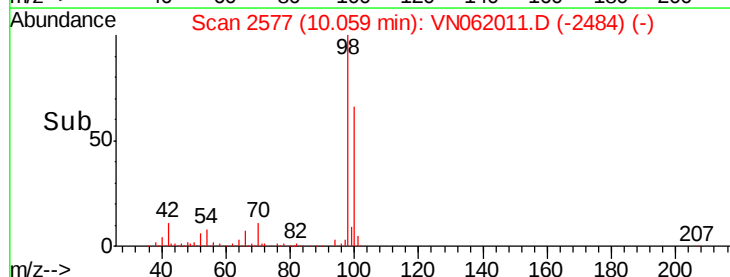
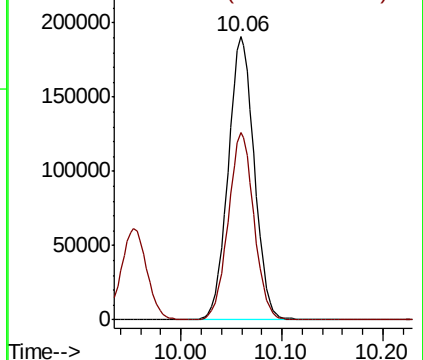
98 100

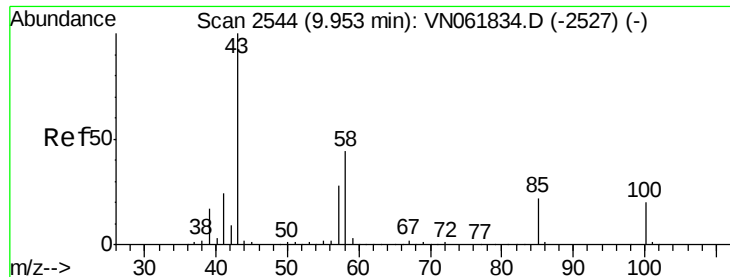
100 64.6 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN062011.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN062011.D (-2484) (-)





#51

4-Methyl-2-Pentanone

Concen: 286.931 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

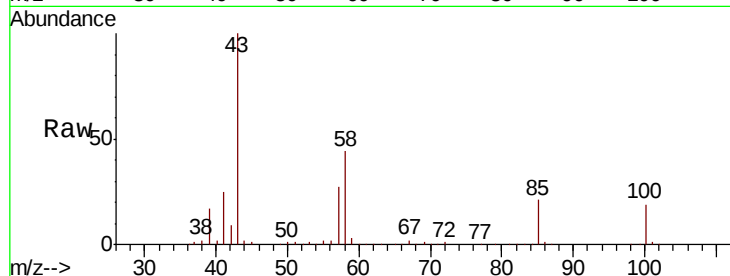
RE139D2-20200616MS

Tot Ion: 43 Resp: 573717

Ion Ratio Lower Upper

43 100

58 43.3 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

9.95

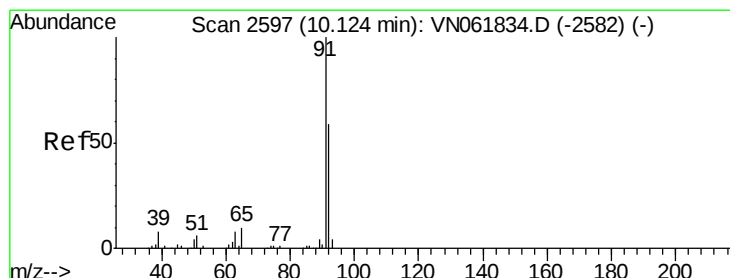
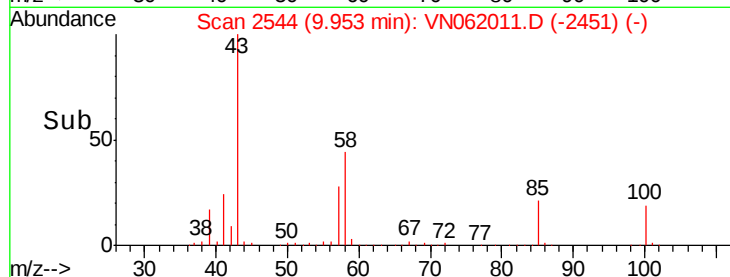
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.954 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062011.D

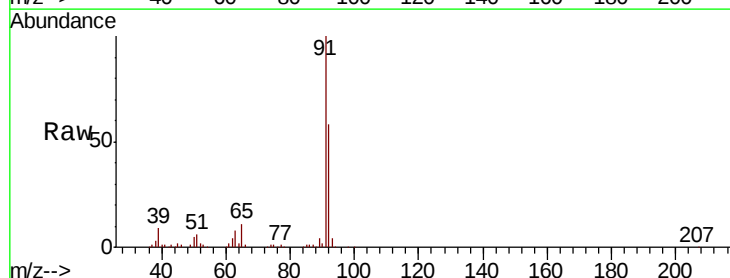
Acq: 22 Jun 2020 19:55

Tgt Ion: 92 Resp: 259020

Ion Ratio Lower Upper

92 100

91 171.2 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.12

250000

200000

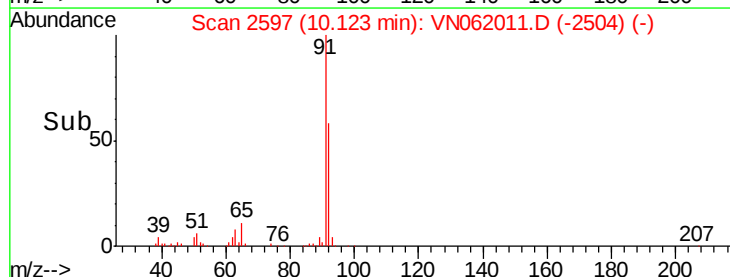
150000

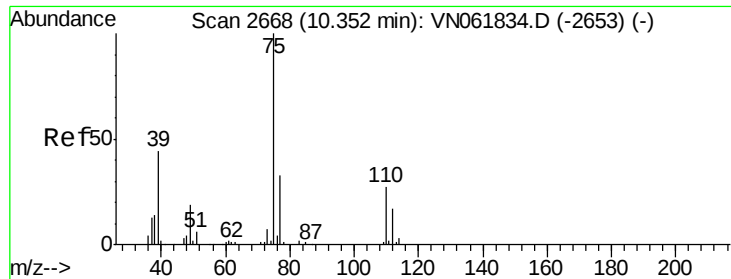
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 39.383 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

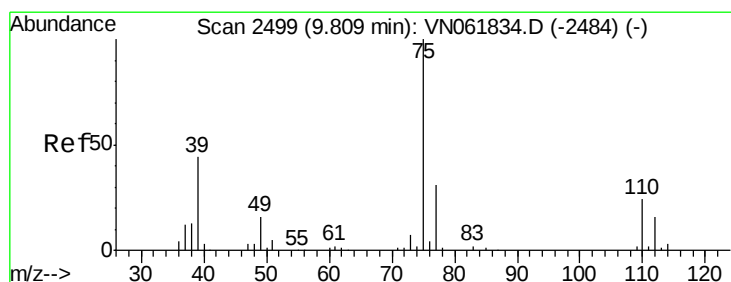
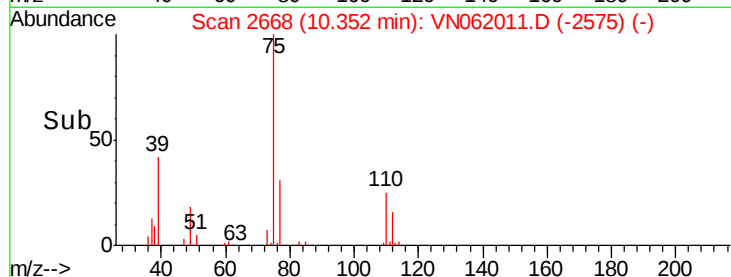
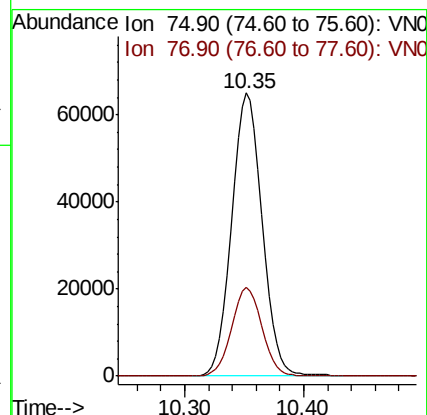
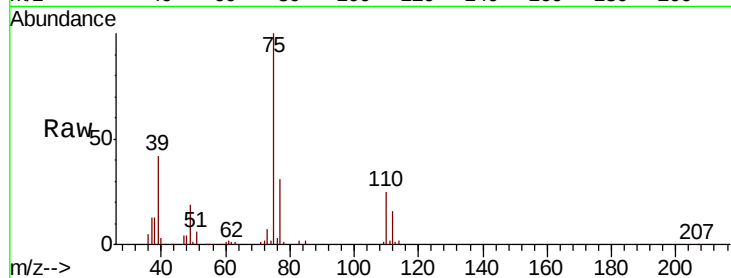
RE139D2-20200616MS

Tot Ion: 75 Resp: 115387

Ion Ratio Lower Upper

75 100

77 31.2 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 37.801 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

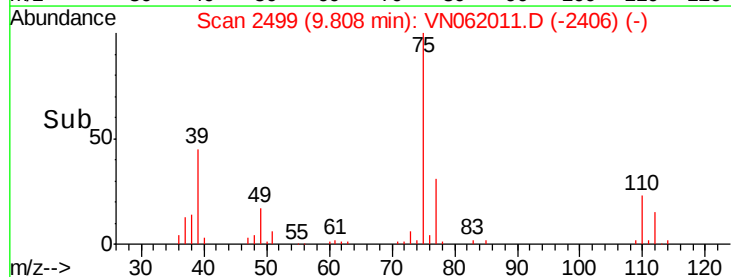
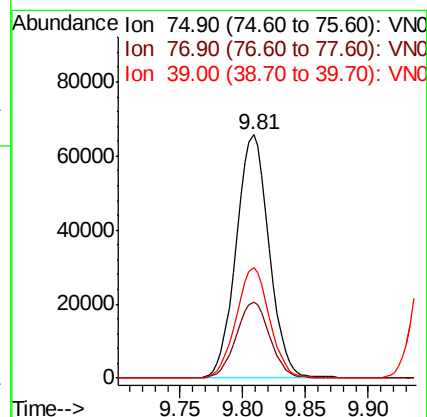
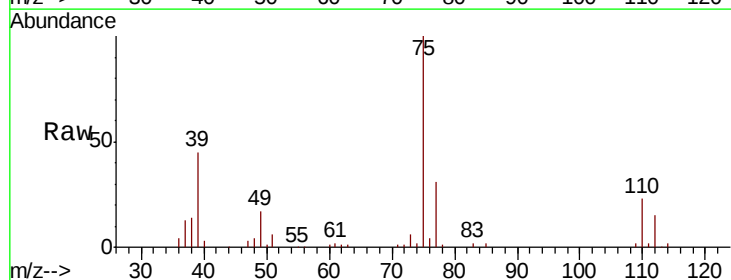
Tgt Ion: 75 Resp: 120294

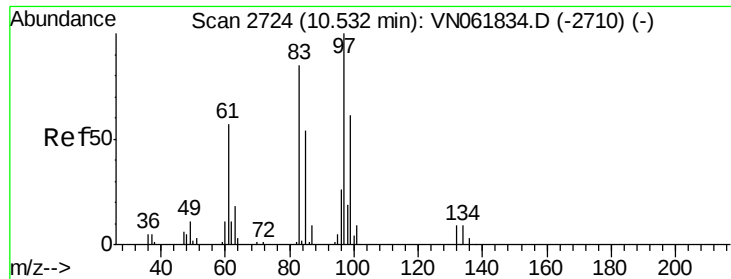
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 45.2 35.4 53.0



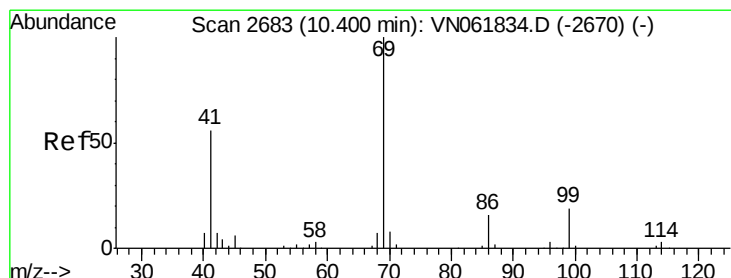
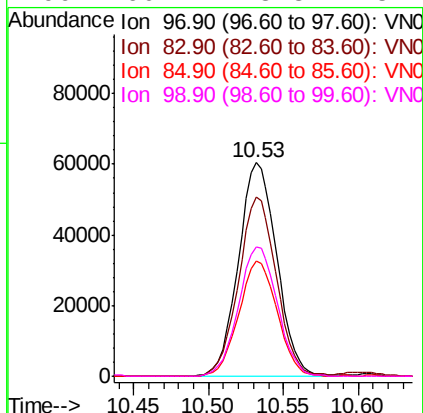
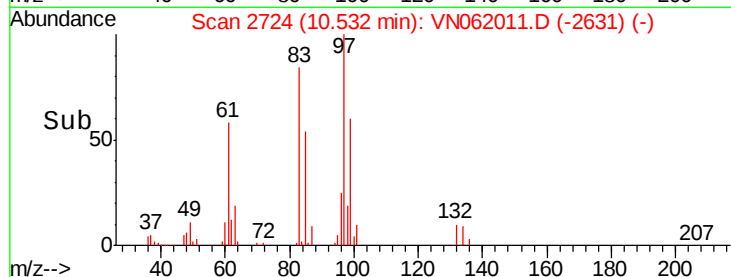
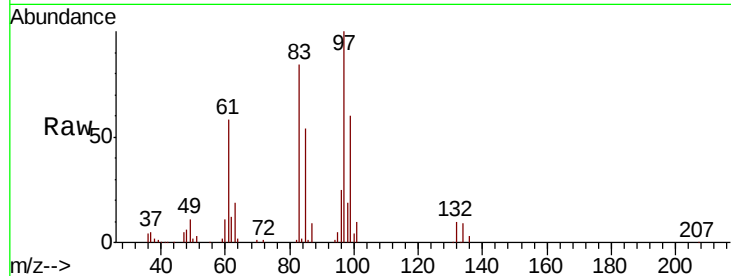


#55  
 1,1,2-Trichloroethane  
 Concen: 56.112 ug/l  
 RT: 10.53 min Scan# 2724  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE139D2-20200616MS

Tot Ion: 97 Resp: 107990  

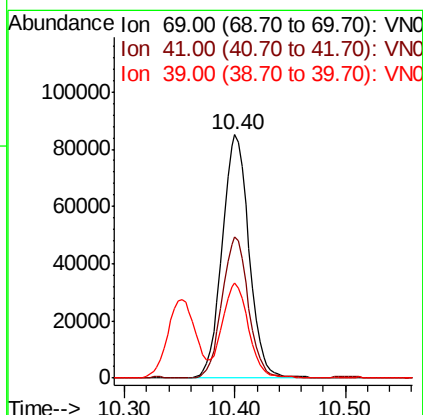
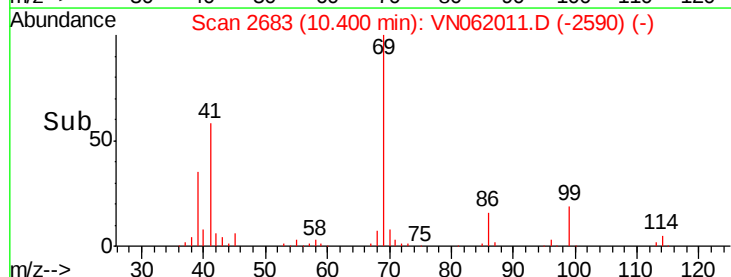
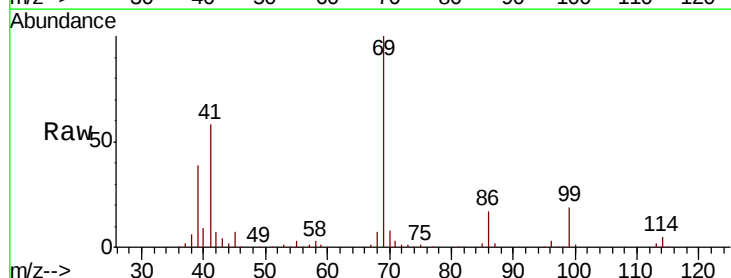
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.9  | 67.7  | 101.5 |
| 85  | 53.8  | 43.4  | 65.0  |
| 99  | 60.4  | 48.8  | 73.2  |

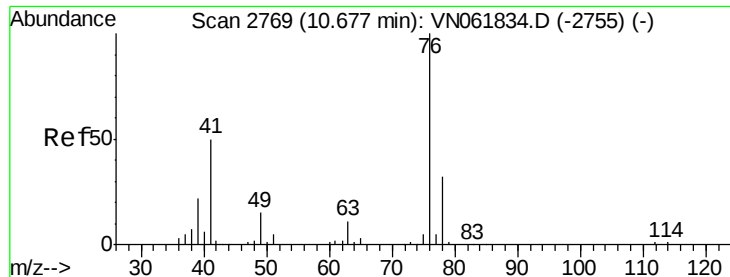


#56  
 Ethyl methacrylate  
 Concen: 48.924 ug/l  
 RT: 10.40 min Scan# 2683  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

Tgt Ion: 69 Resp: 143625  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 56.5  | 44.9  | 67.3  |
| 39  | 37.6  | 30.0  | 45.0  |

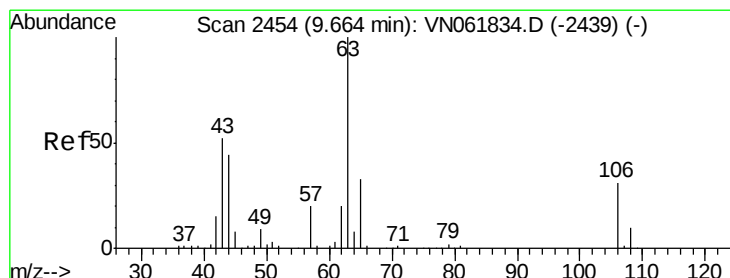
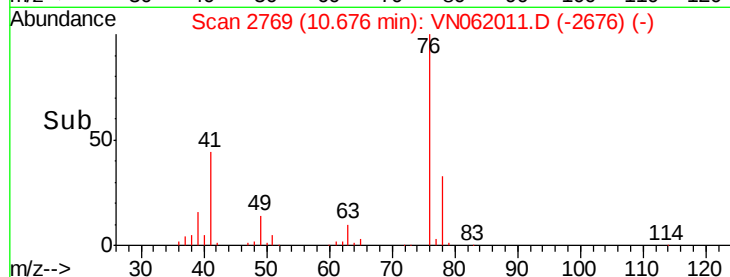
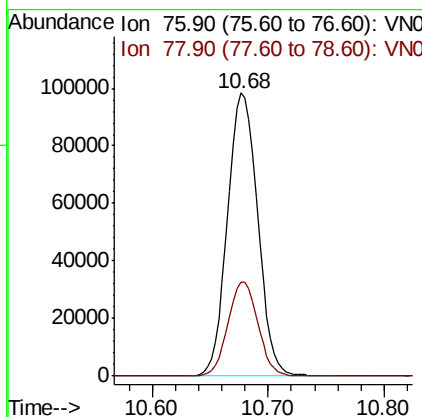
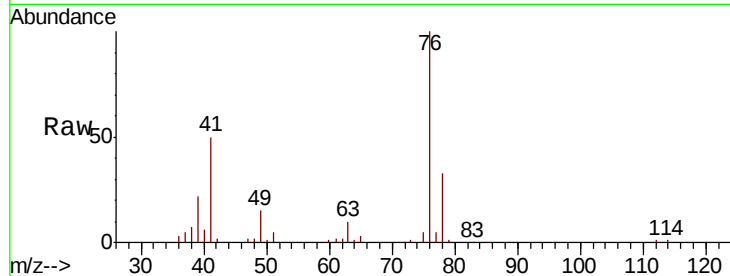




#57  
 1,3-Dichloropropane  
 Concen: 54.306 ug/l  
 RT: 10.68 min Scan# 2769  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

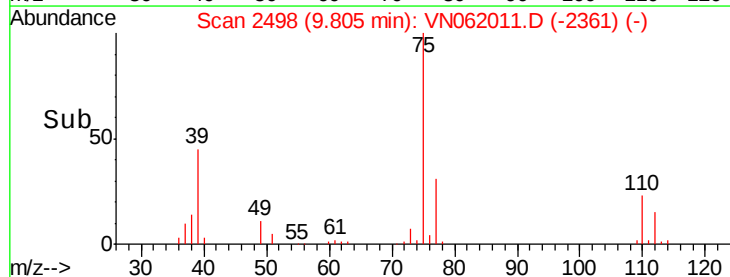
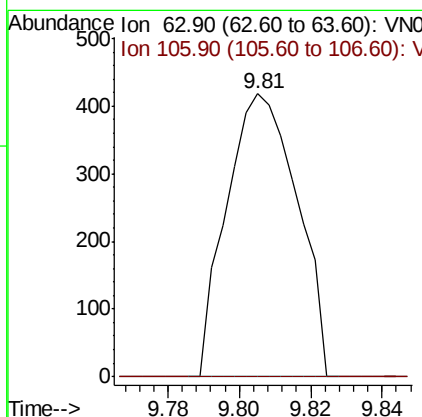
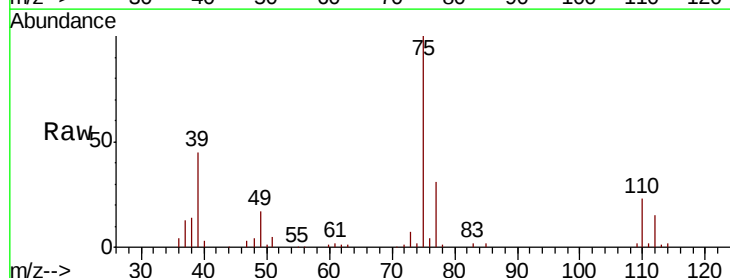
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE139D2-20200616MS

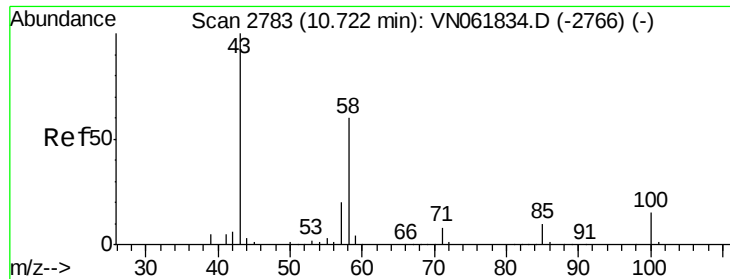
Tot Ion: 76 Resp: 177059  
 Ion Ratio Lower Upper  
 76 100  
 78 33.0 25.8 38.8



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 0.561 ug/l  
 RT: 9.81 min Scan# 2498  
 Delta R.T. 0.14 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

Tgt Ion: 63 Resp: 570  
 Ion Ratio Lower Upper  
 63 100  
 106 0.0 24.6 36.8#

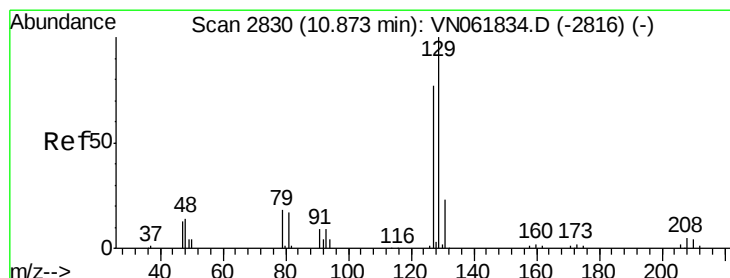
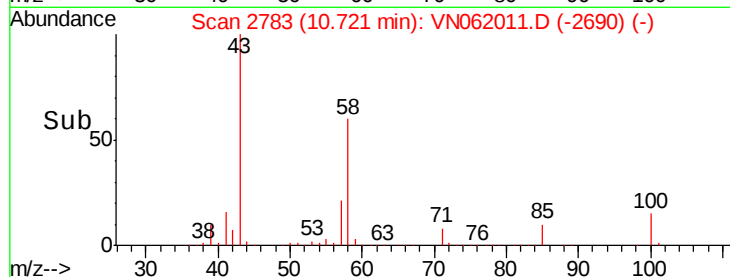
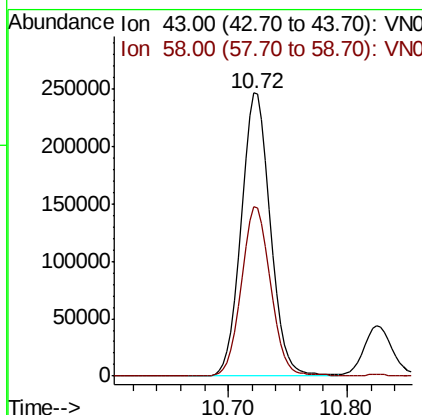
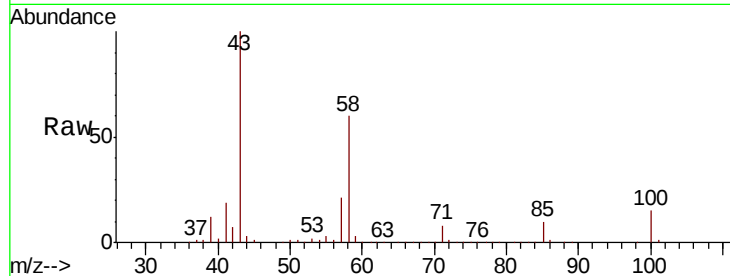




#59  
2-Hexanone  
Concen: 261.286 ug/l  
RT: 10.72 min Scan# 2783  
Delta R.T. 0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

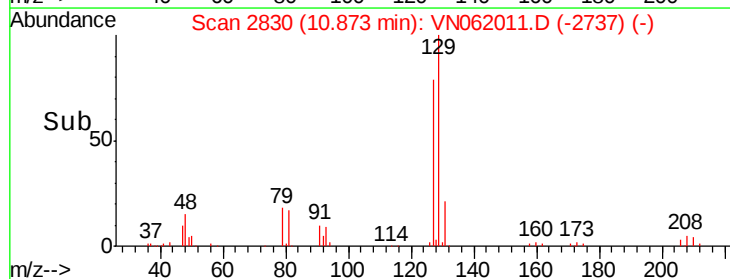
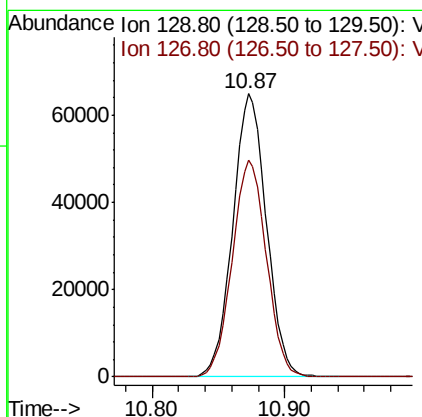
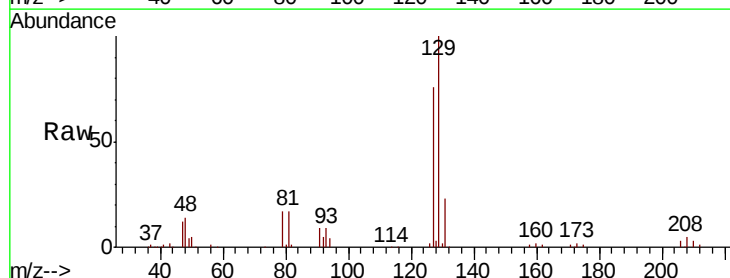
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE139D2-20200616MS

Tot Ion: 43 Resp: 418405  
Ion Ratio Lower Upper  
43 100  
58 60.1 30.1 90.5



#60  
Dibromochloromethane  
Concen: 53.160 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Tgt Ion: 129 Resp: 114160  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.652 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

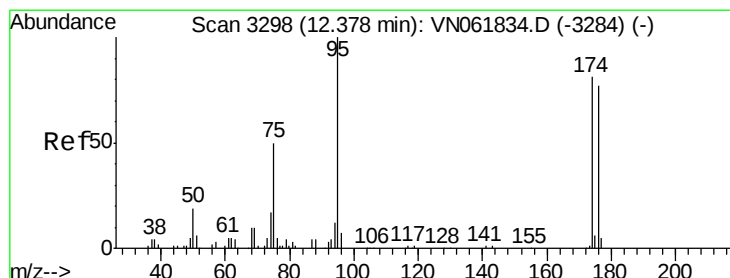
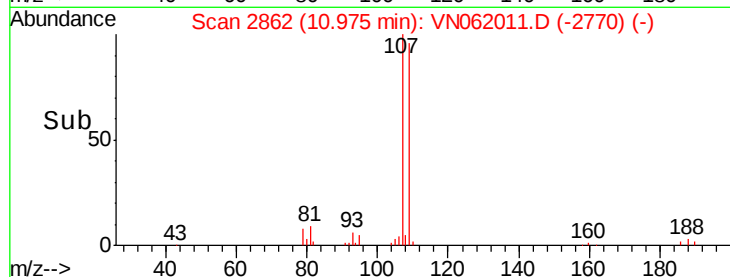
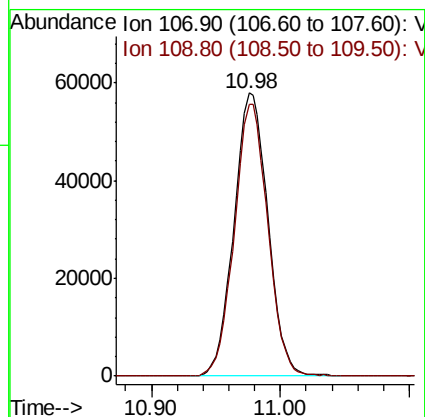
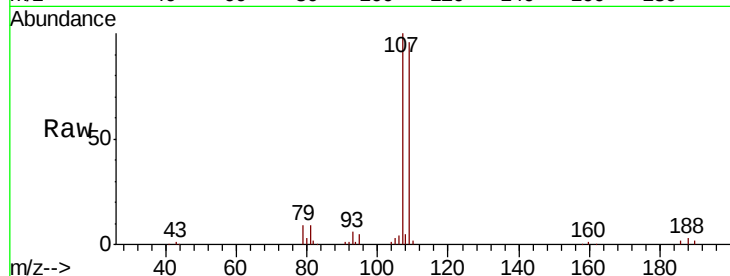
RE139D2-20200616MS

Tot Ion: 107 Resp: 105808

Ion Ratio Lower Upper

107 100

109 94.7 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 47.322 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

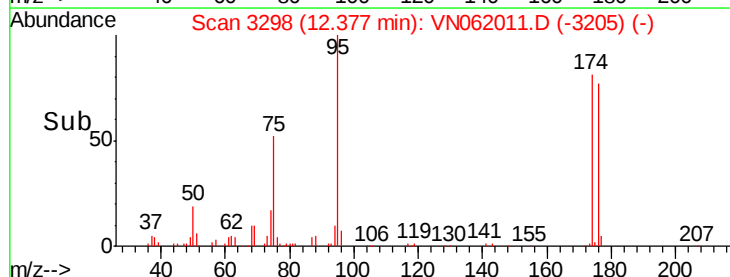
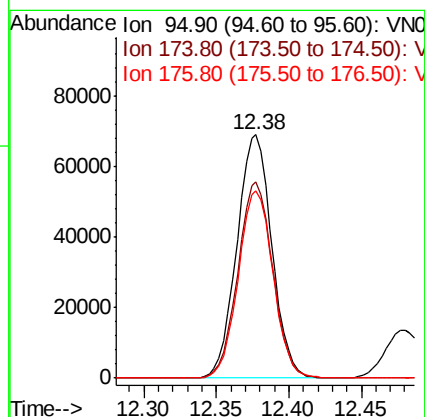
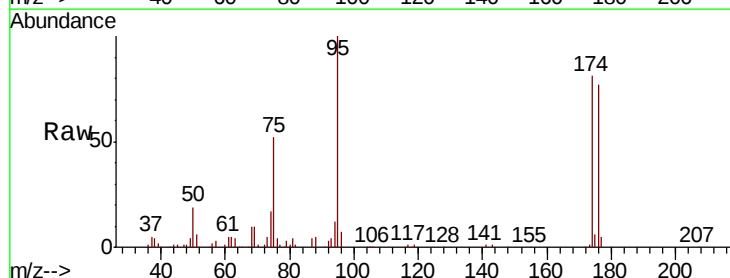
Tgt Ion: 95 Resp: 115082

Ion Ratio Lower Upper

95 100

174 80.5 0.0 158.6

176 76.7 0.0 152.0

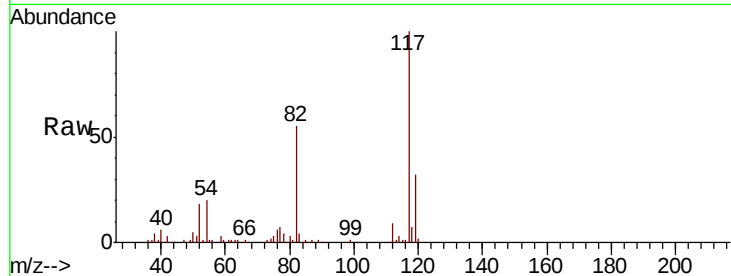




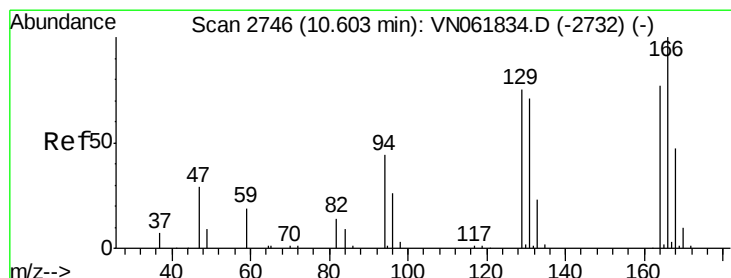
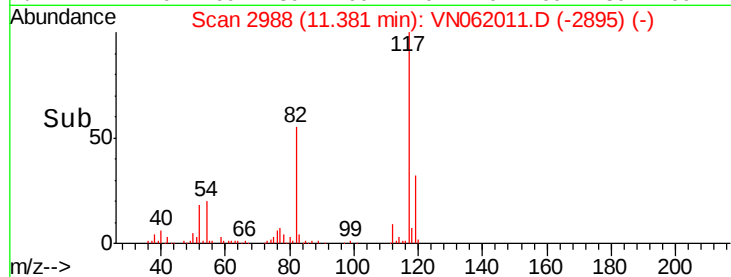
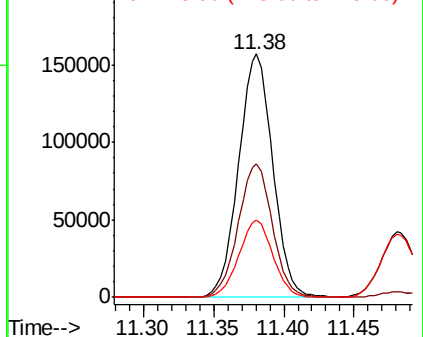
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE139D2-20200616MS

Tot Ion:117 Resp: 266715  
Ion Ratio Lower Upper  
117 100  
82 54.9 42.6 64.0  
119 31.8 24.7 37.1

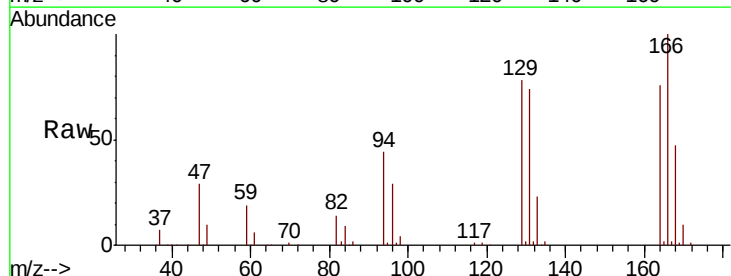


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

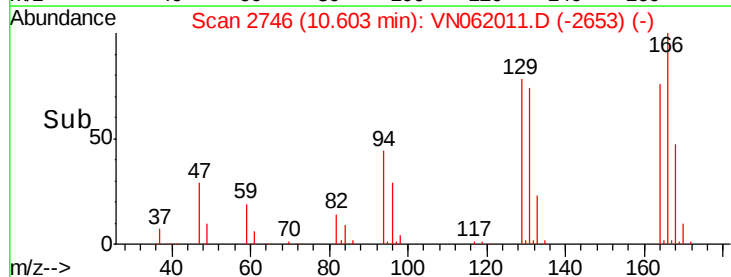
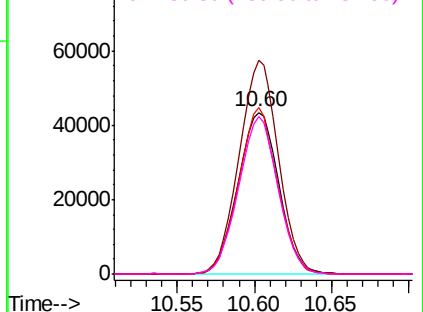


#64  
Tetrachloroethene  
Concen: 46.917 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Tgt Ion:164 Resp: 79756  
Ion Ratio Lower Upper  
164 100  
166 132.0 103.5 155.3  
129 103.0 77.5 116.3  
131 97.0 73.8 110.8



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

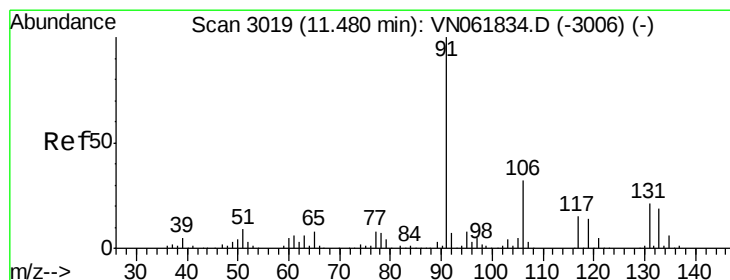
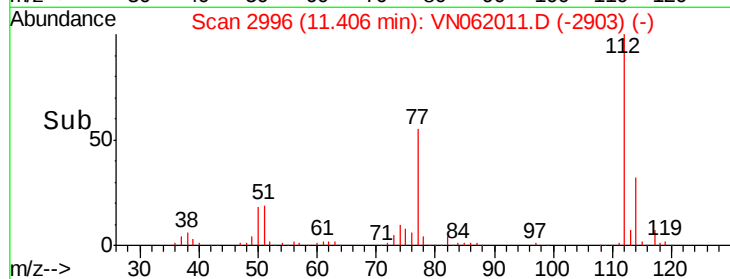
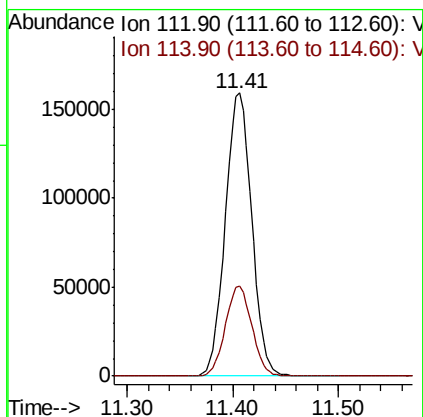
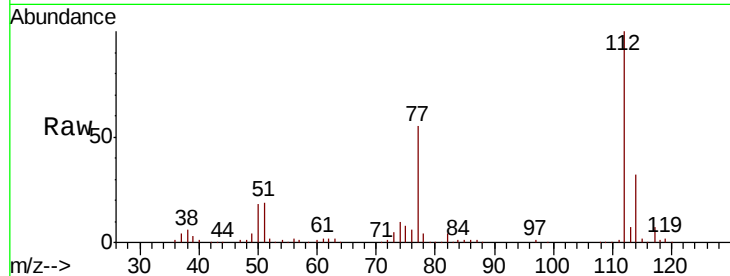




#65  
Chlorobenzene  
Concen: 49.068 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

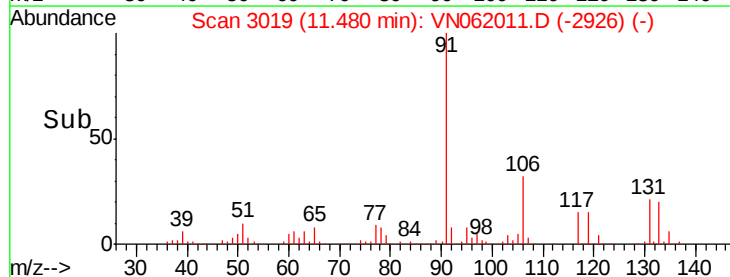
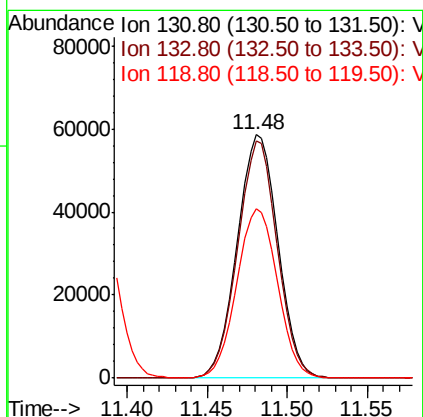
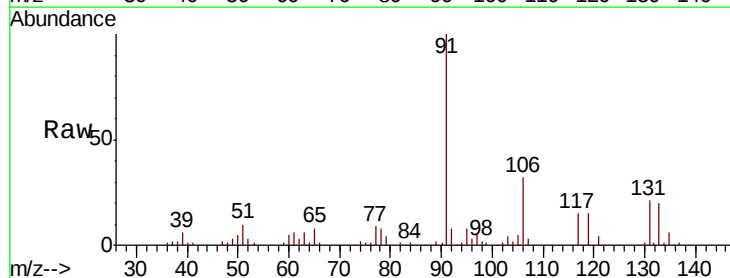
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE139D2-20200616MS

Tot Ion:112 Resp: 276149  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.875 ug/l  
RT: 11.48 min Scan# 3019  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Tgt Ion:131 Resp: 101820  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.5 142.5  
119 69.7 34.0 101.8

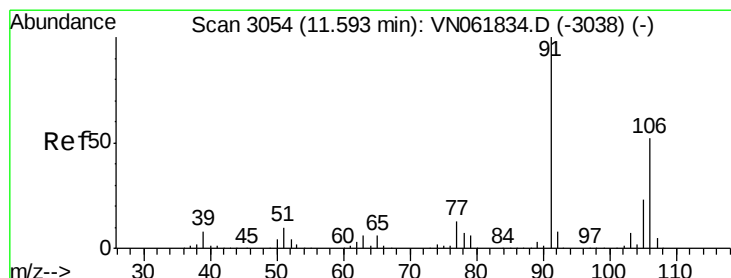
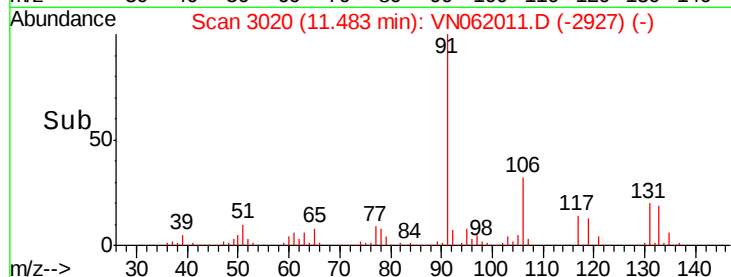
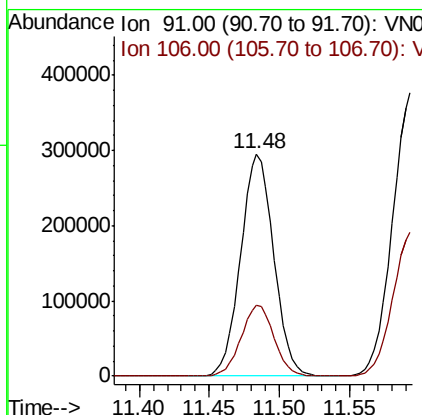
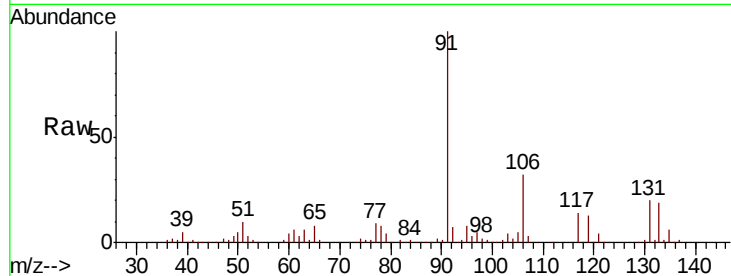




#67  
Ethyl Benzene  
Concen: 51.486 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

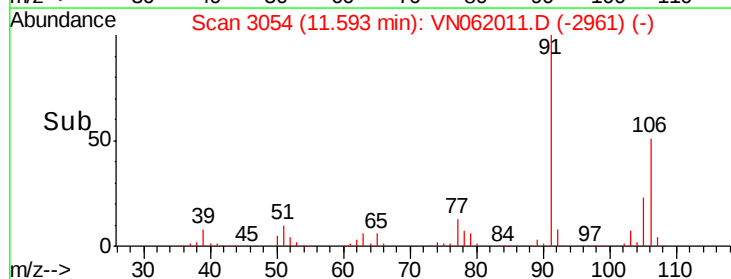
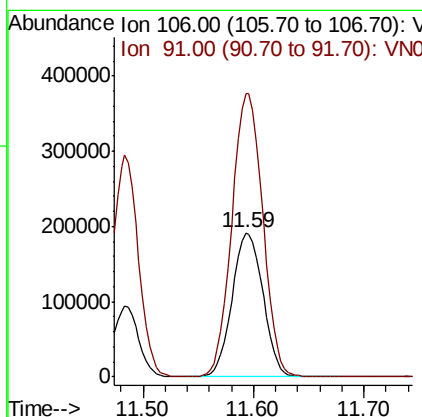
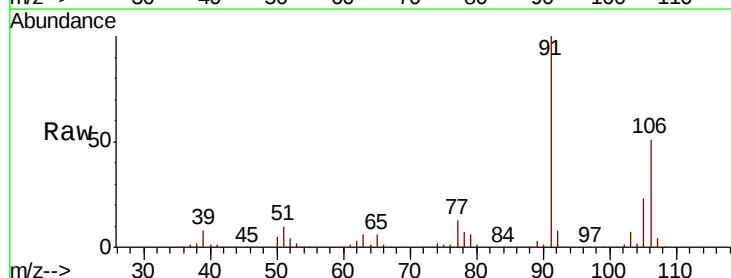
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE139D2-20200616MS

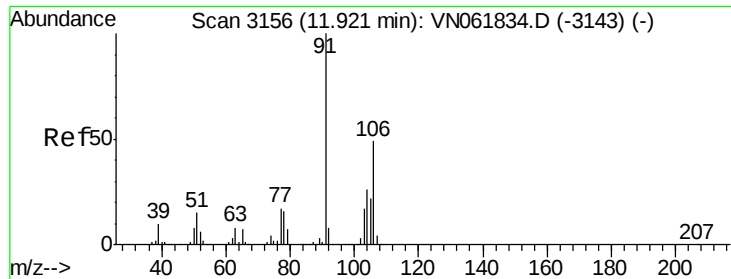
Tot Ion: 91 Resp: 485825  
Ion Ratio Lower Upper  
91 100  
106 32.0 25.4 38.2



#68  
m/p-Xylenes  
Concen: 102.384 ug/l  
RT: 11.59 min Scan# 3054  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Tgt Ion: 106 Resp: 372524  
Ion Ratio Lower Upper  
106 100  
91 196.5 157.0 235.6

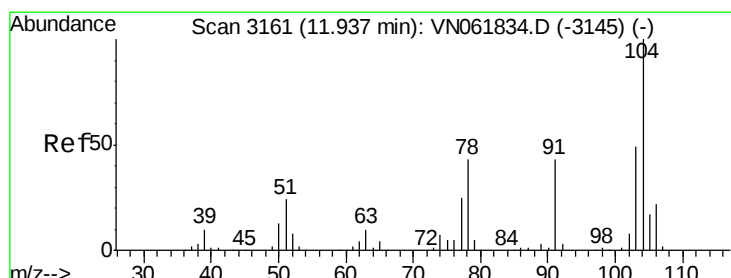
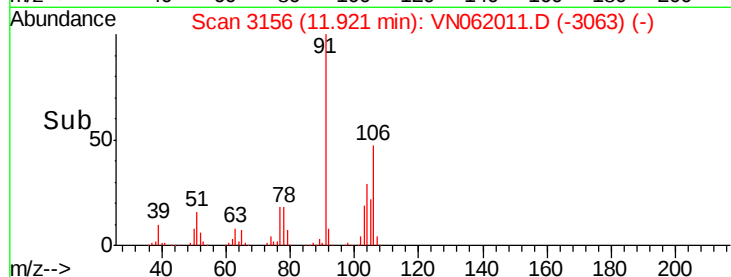
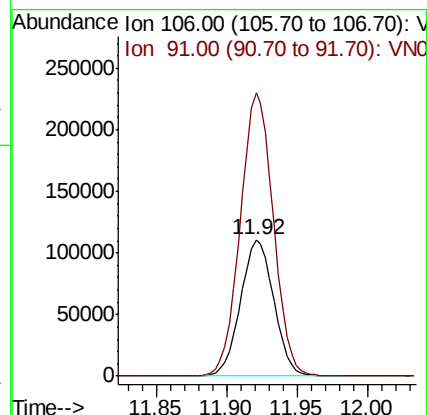
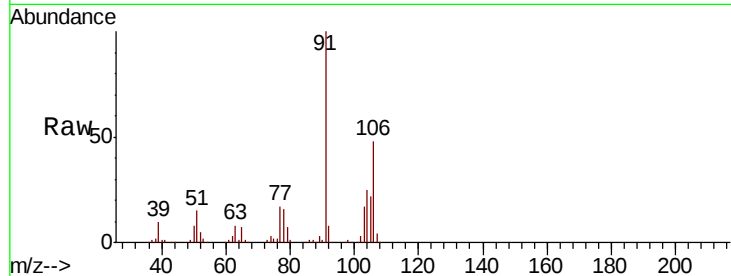




#69  
o-Xylene  
Concen: 52.762 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

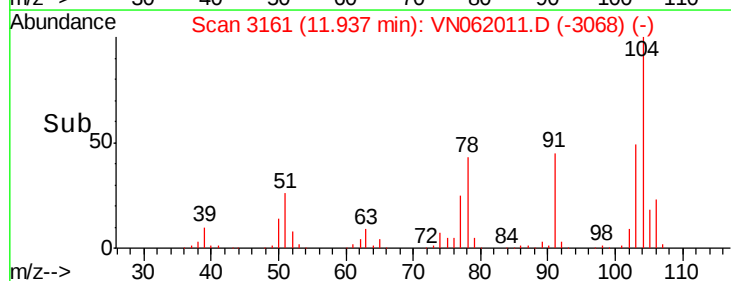
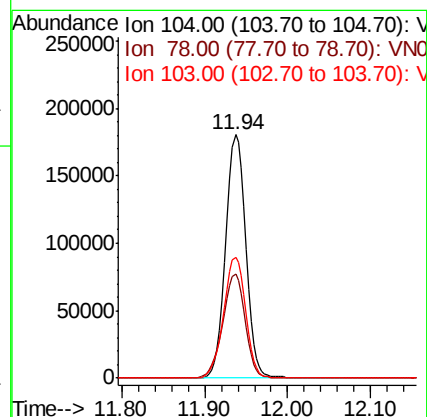
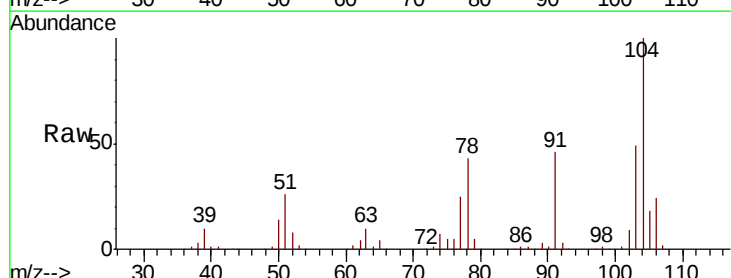
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE139D2-20200616MS

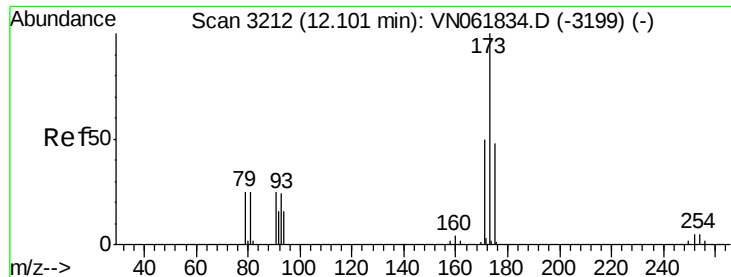
Tot Ion:106 Resp: 183174  
Ion Ratio Lower Upper  
106 100  
91 206.5 103.0 308.9



#70  
Styrene  
Concen: 52.369 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Tgt Ion:104 Resp: 304420  
Ion Ratio Lower Upper  
104 100  
78 47.2 37.6 56.4  
103 53.7 43.0 64.4

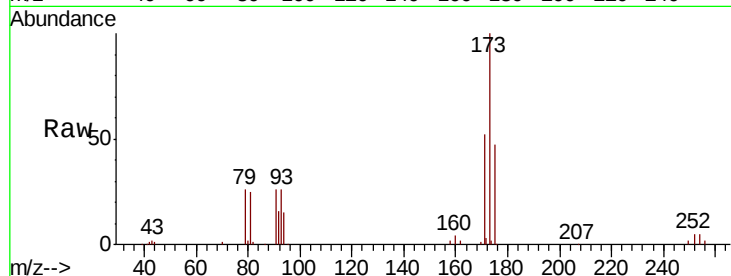




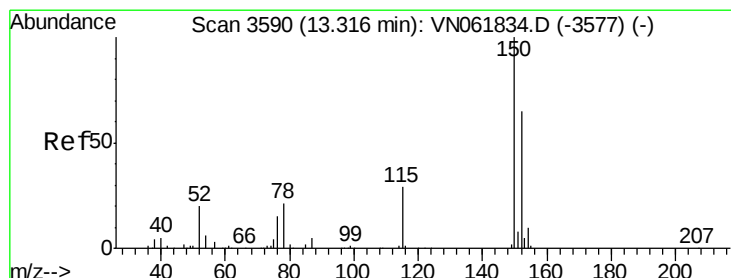
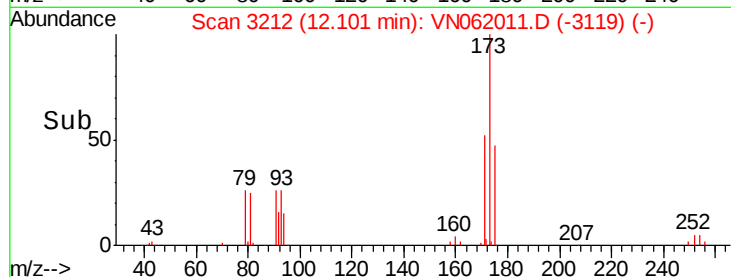
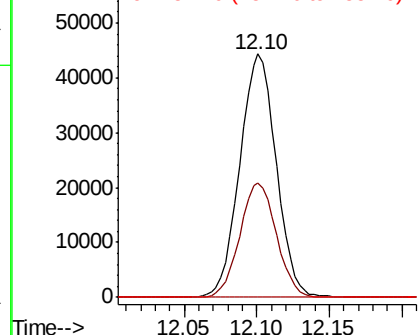
#71  
Bromoform  
Concen: 53.886 ug/l  
RT: 12.10 min Scan# 3212  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE139D2-20200616MS

Tot Ion:173 Resp: 77120  
Ion Ratio Lower Upper  
173 100  
175 47.1 23.9 71.7  
254 0.0 0.0 0.0

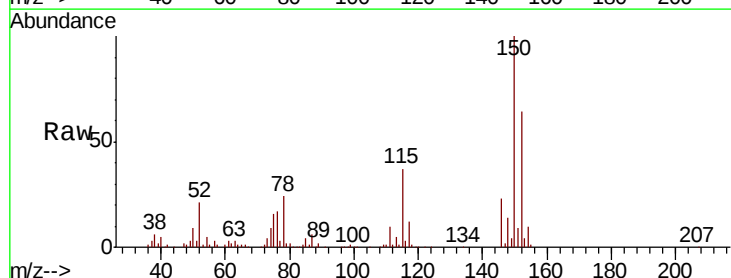


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

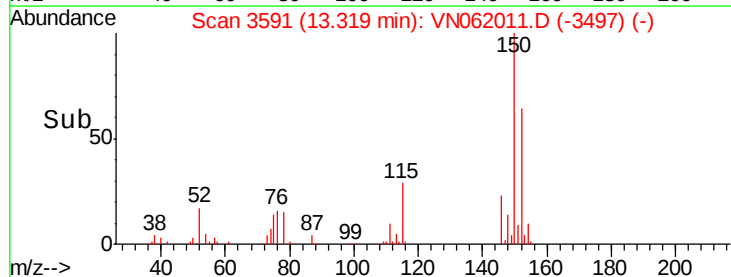
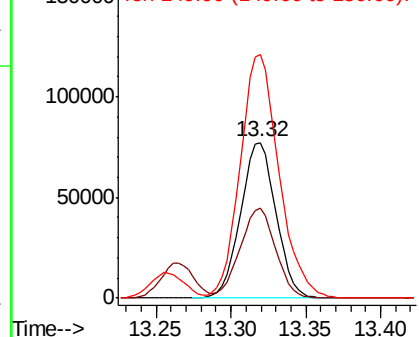


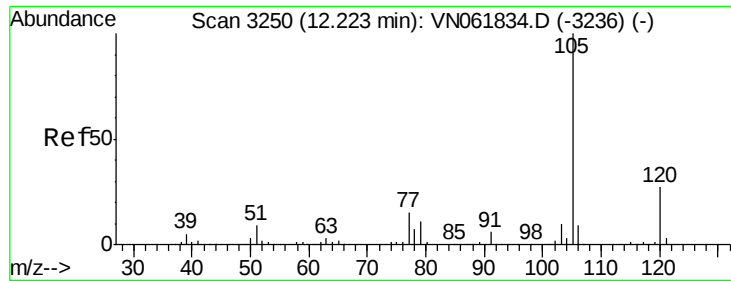
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3591  
Delta R.T. 0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Tgt Ion:152 Resp: 127166  
Ion Ratio Lower Upper  
152 100  
115 58.3 29.1 87.3  
150 171.8 0.0 347.6



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





#73

Isopropylbenzene

Concen: 51.445 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

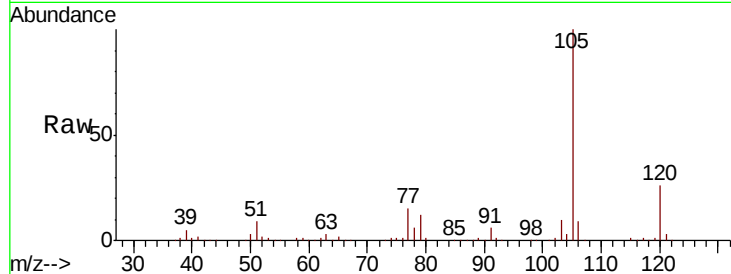
RE139D2-20200616MS

Tot Ion:105 Resp: 464890

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

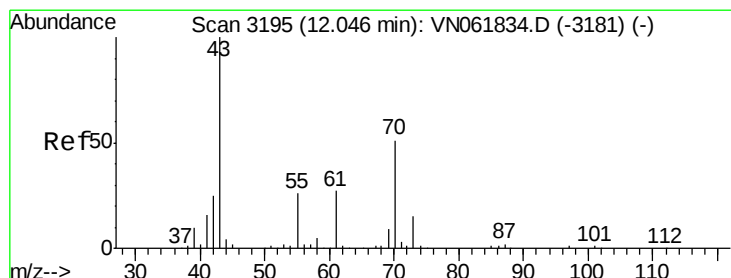
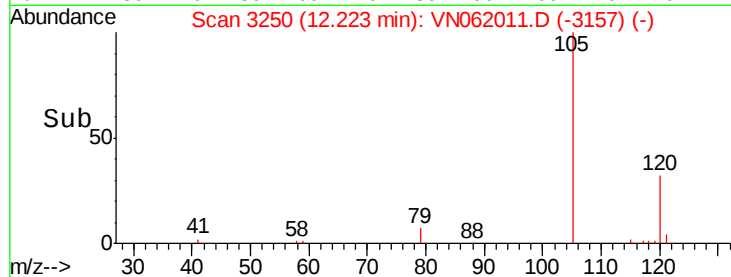
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 24.110 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Tgt Ion: 43 Resp: 73369

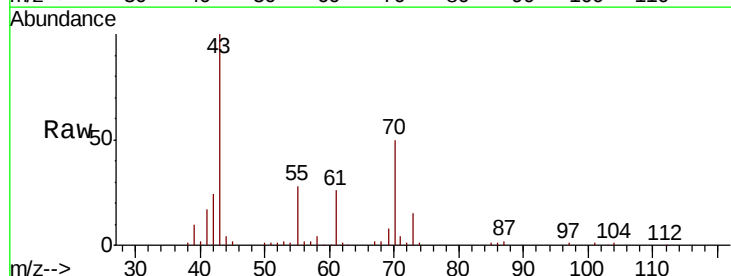
Ion Ratio Lower Upper

43 100

70 49.5 40.6 60.8

55 27.8 21.5 32.3

61 25.5 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.05

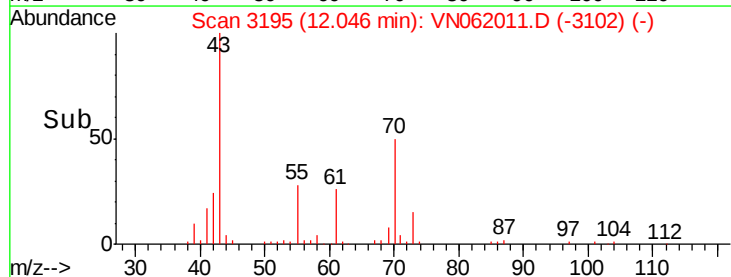
60000

40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.398 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

RE139D2-20200616MS

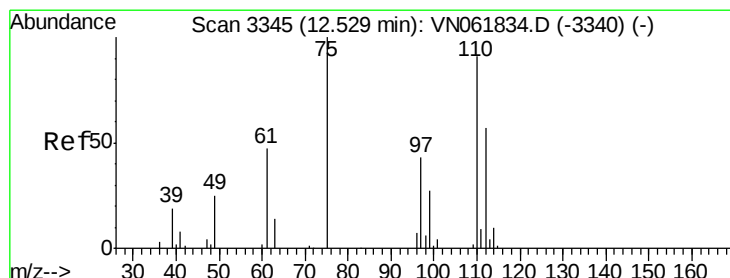
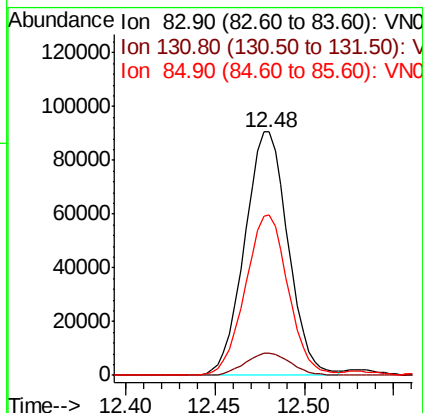
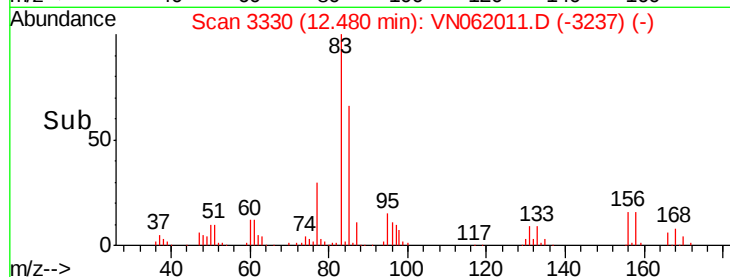
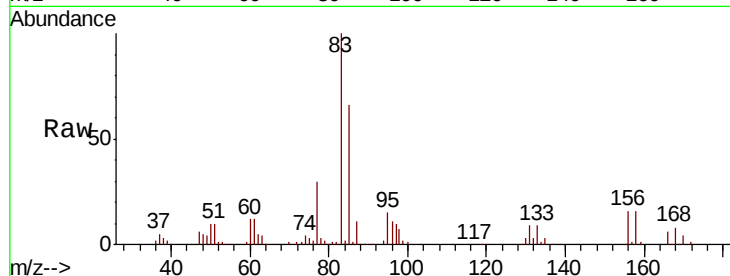
Tot Ion: 83 Resp: 153946

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

85 65.0 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 67.720 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062011.D

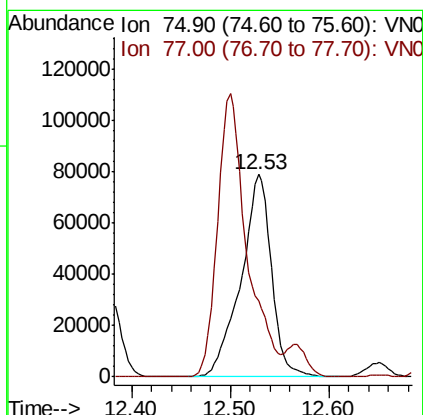
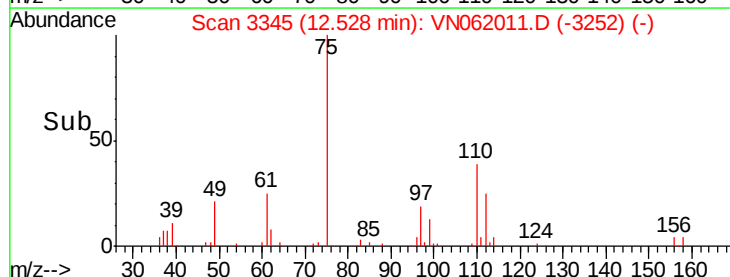
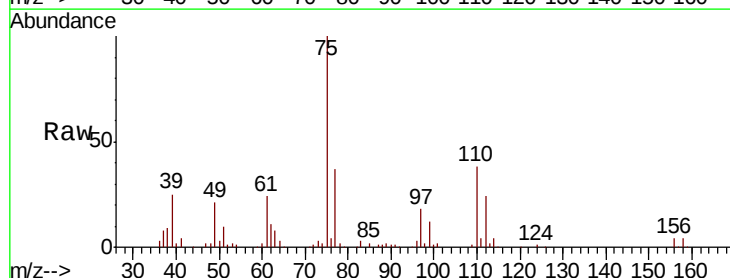
Acq: 22 Jun 2020 19:55

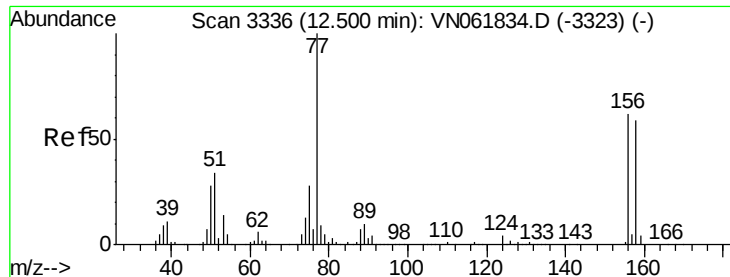
Tgt Ion: 75 Resp: 169069

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.363 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

RE139D2-20200616MS

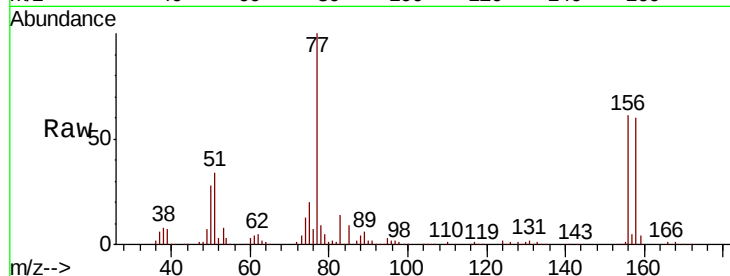
Tot Ion:156 Resp: 114818

Ion Ratio Lower Upper

156 100

77 201.3 100.7 302.1

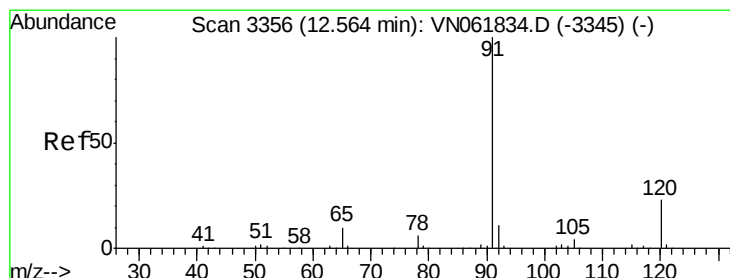
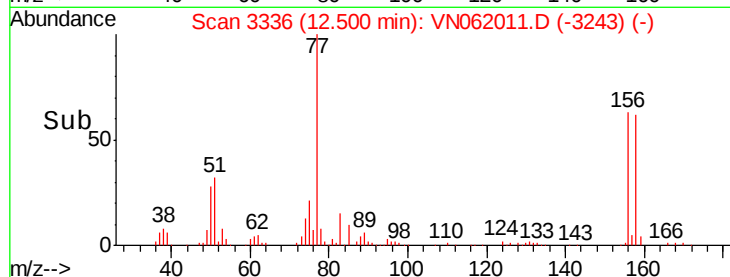
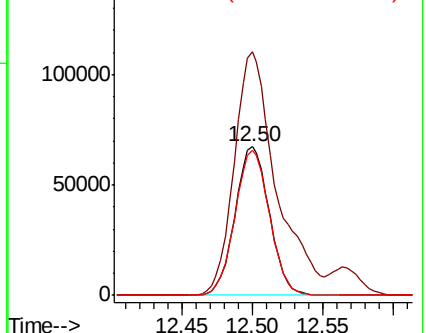
158 98.5 48.5 145.5



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: 49.827 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062011.D

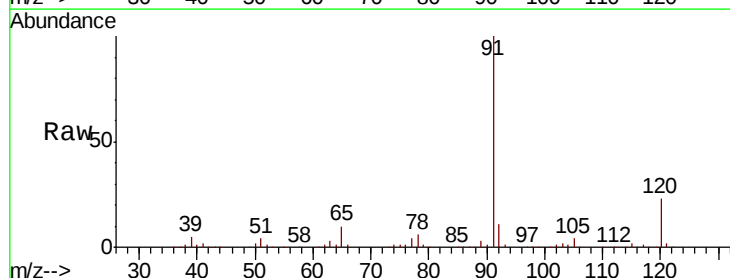
Acq: 22 Jun 2020 19:55

Tgt Ion: 91 Resp: 513773

Ion Ratio Lower Upper

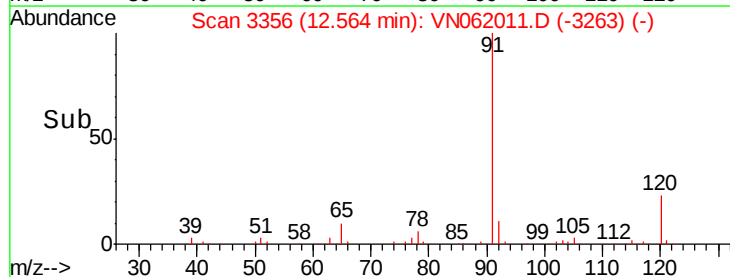
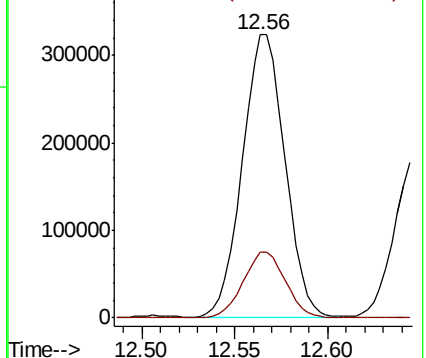
91 100

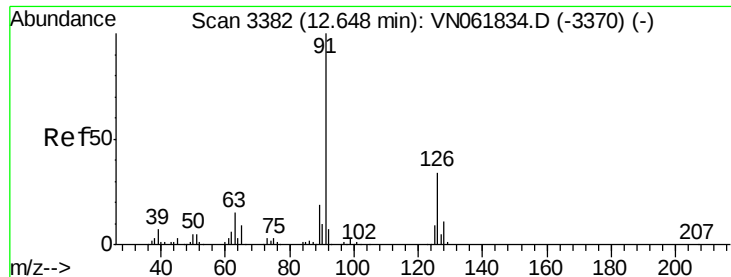
120 23.1 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

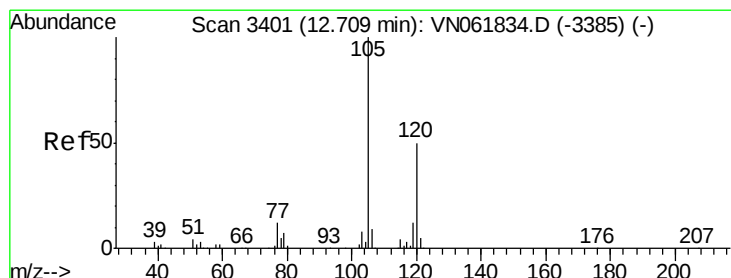
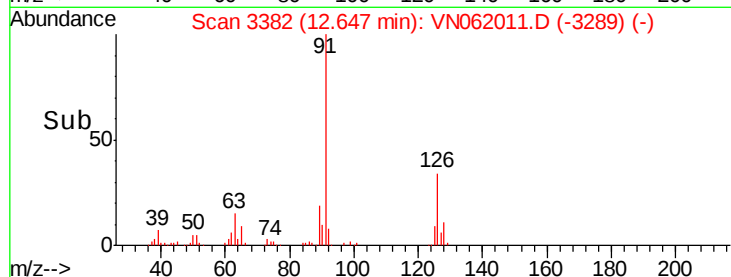
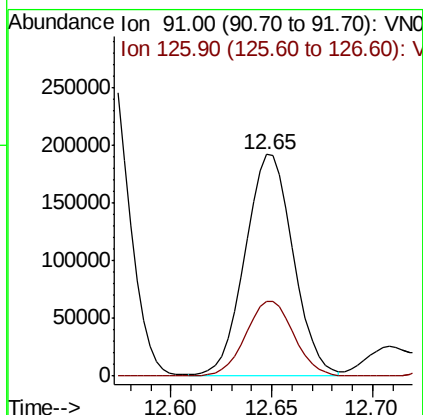
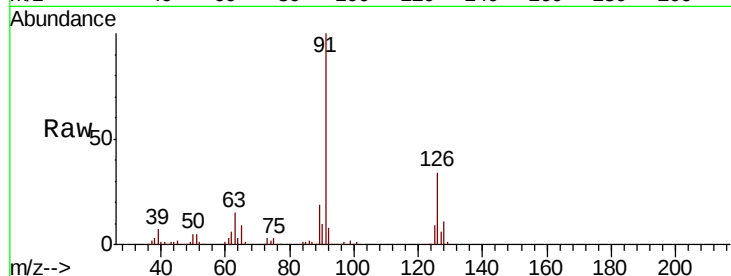




#79  
 2-Chlorotoluene  
 Concen: 51.482 ug/l  
 RT: 12.65 min Scan# 3382  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

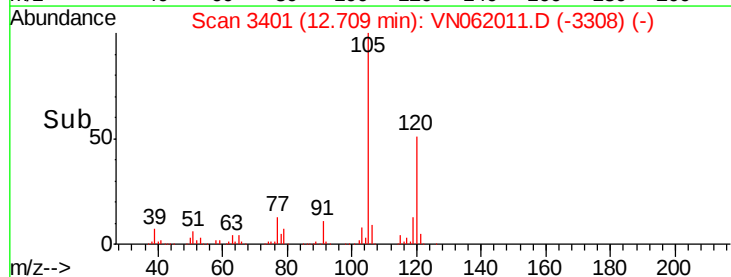
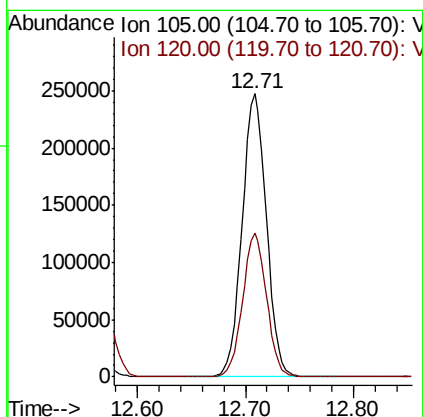
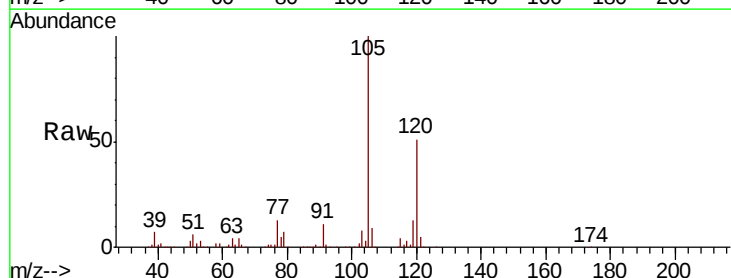
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE139D2-20200616MS

Tot Ion: 91 Resp: 318815  
 Ion Ratio Lower Upper  
 91 100  
 126 34.0 17.3 51.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 51.858 ug/l  
 RT: 12.71 min Scan# 3401  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

Tgt Ion: 105 Resp: 387699  
 Ion Ratio Lower Upper  
 105 100  
 120 50.0 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 27.048 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062011.D

Acq: 22 Jun 2020 19:55

Instrument :

MSVOA\_N

ClientSampleId :

RE139D2-20200616MS

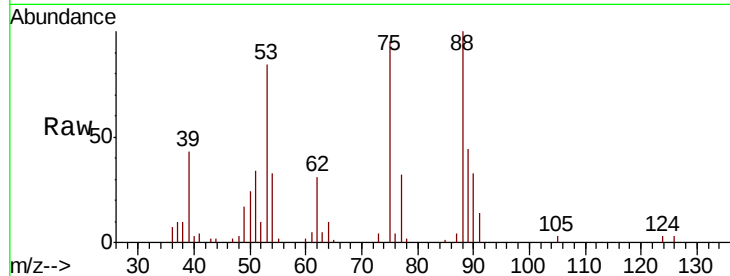
Tot Ion: 75 Resp: 24759

Ion Ratio Lower Upper

75 100

53 90.9 70.4 105.6

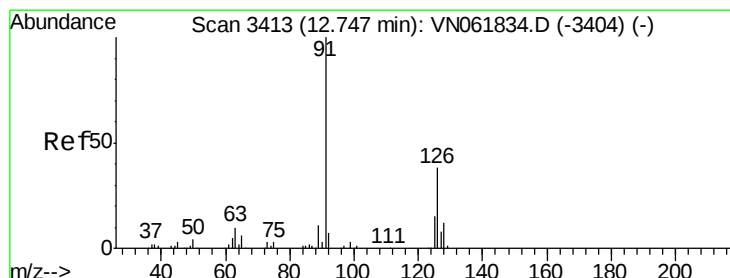
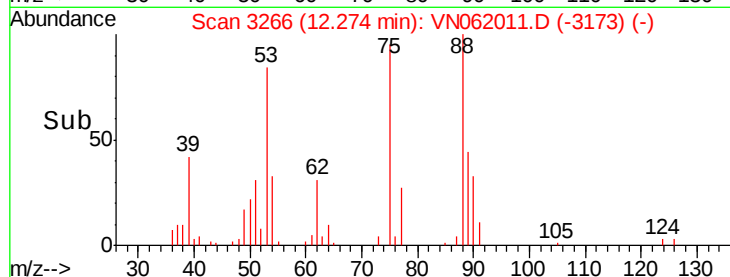
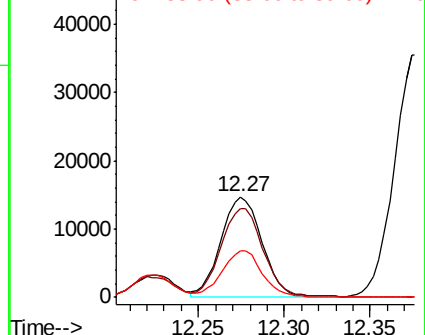
89 44.7 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN061834.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061834.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061834.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 50.760 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062011.D

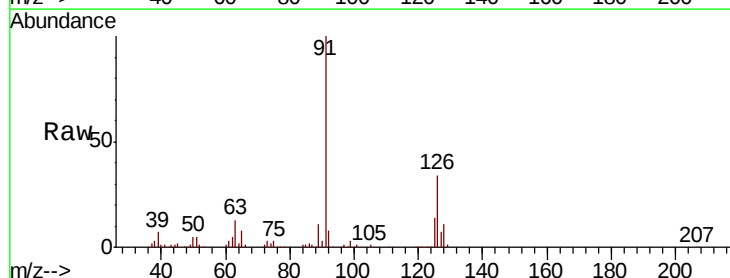
Acq: 22 Jun 2020 19:55

Tgt Ion: 91 Resp: 324816

Ion Ratio Lower Upper

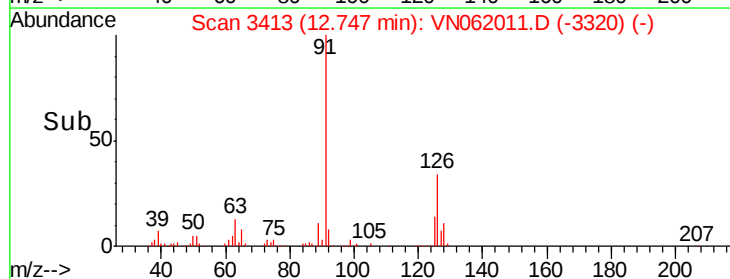
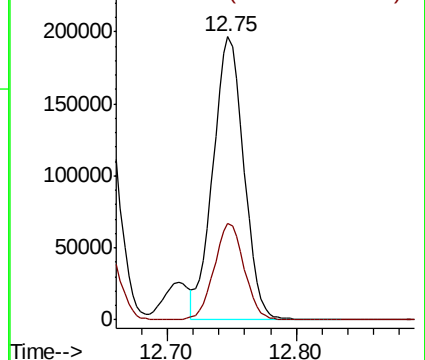
91 100

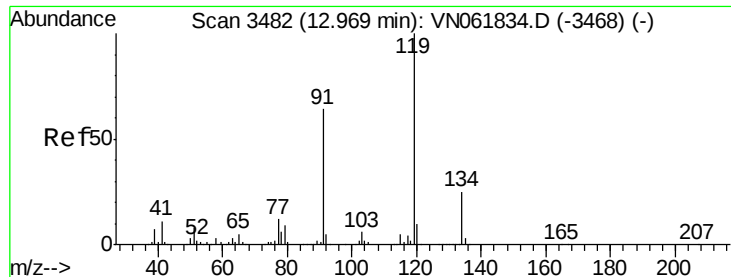
126 33.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN061834.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061834.D (-3404) (-)

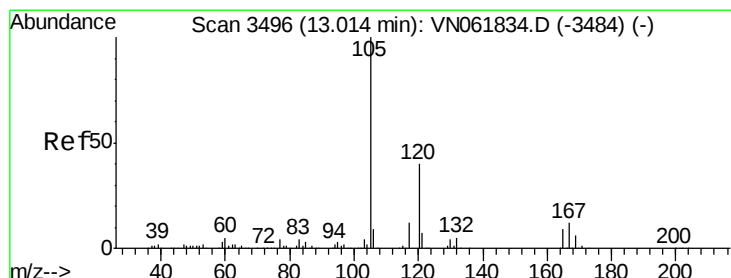
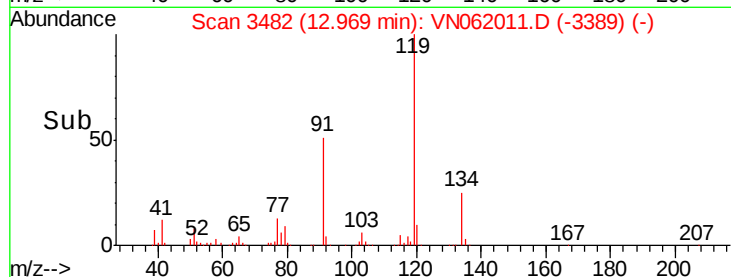
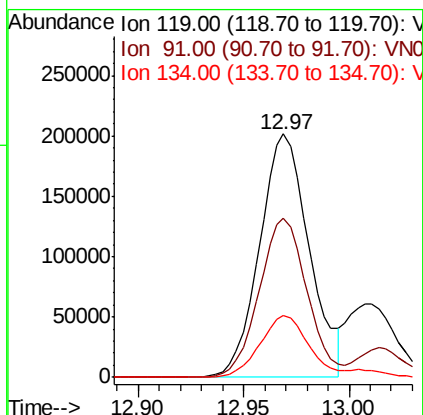
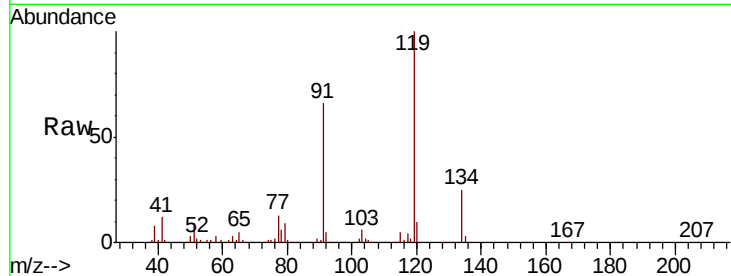




#83  
tert-Butylbenzene  
Concen: 52.152 ug/l  
RT: 12.97 min Scan# 3482  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

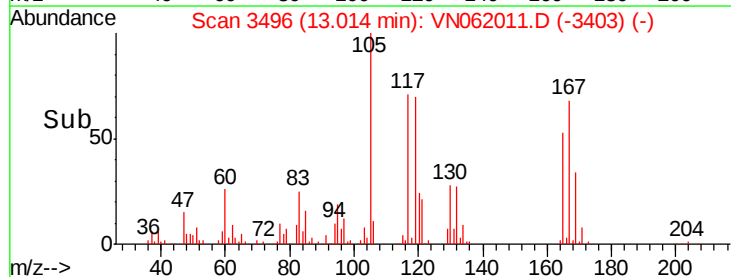
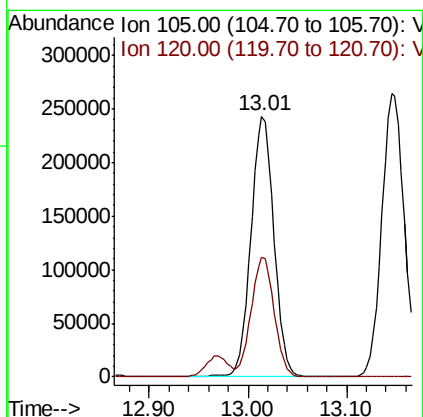
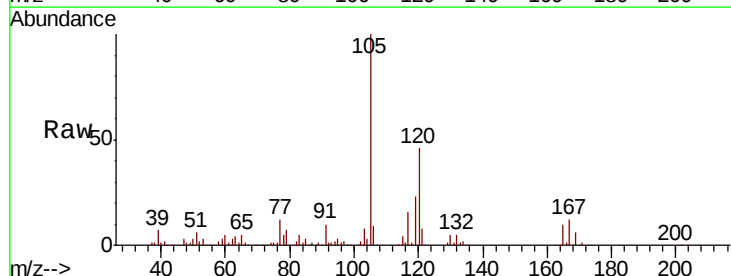
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE139D2-20200616MS

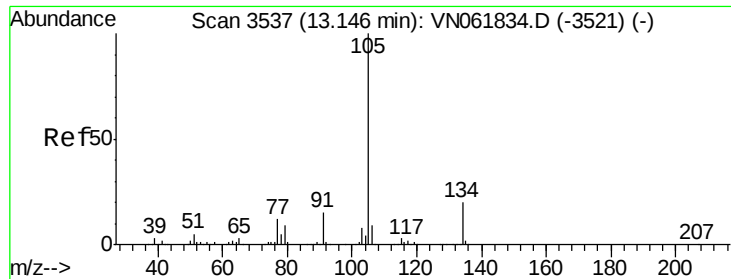
Tot Ion:119 Resp: 330541  
Ion Ratio Lower Upper  
119 100  
91 63.3 31.5 94.5  
134 24.8 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 52.852 ug/l  
RT: 13.01 min Scan# 3496  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Tgt Ion:105 Resp: 390042  
Ion Ratio Lower Upper  
105 100  
120 46.1 23.3 69.9

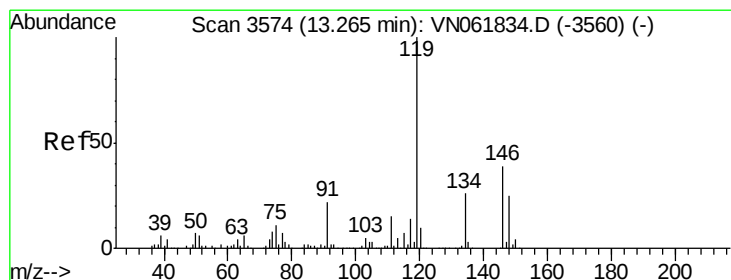
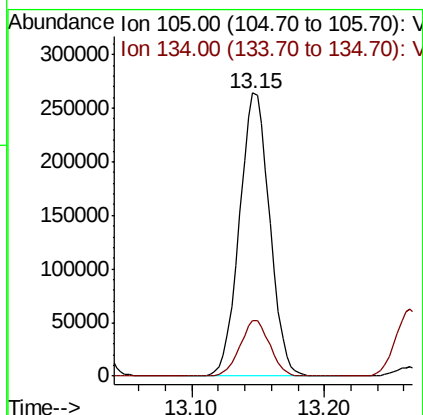
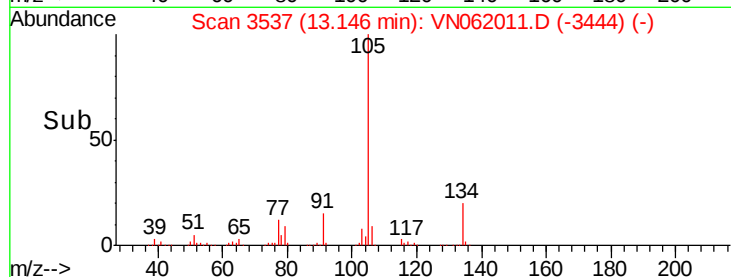
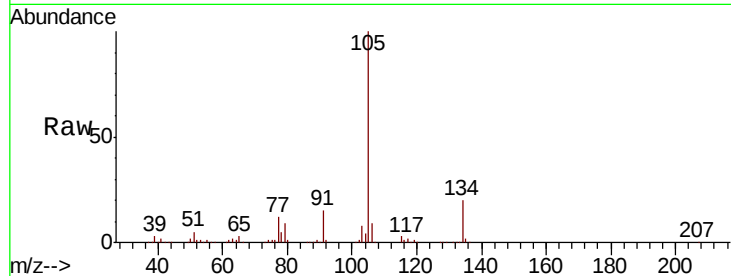




#85  
 sec-Butylbenzene  
 Concen: 50.204 ug/l  
 RT: 13.15 min Scan# 3537  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

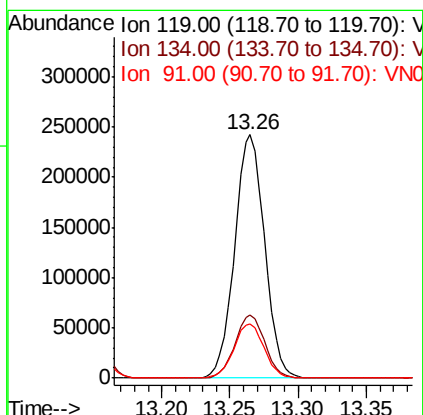
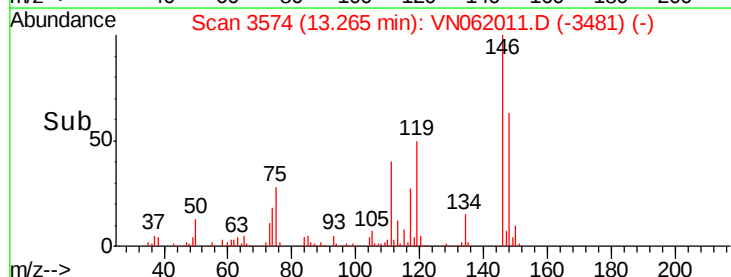
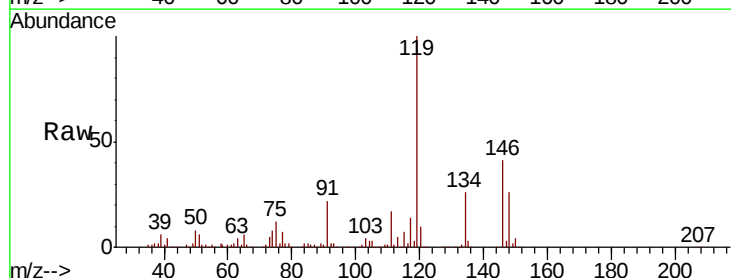
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE139D2-20200616MS

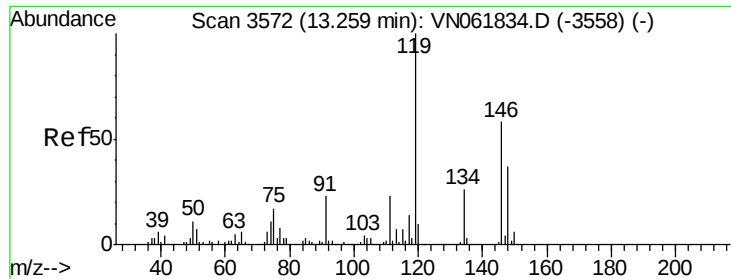
Tot Ion:105 Resp: 416483  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 49.776 ug/l  
 RT: 13.26 min Scan# 3574  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

Tgt Ion:119 Resp: 367959  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 13.3 39.9  
 91 22.6 11.2 33.6

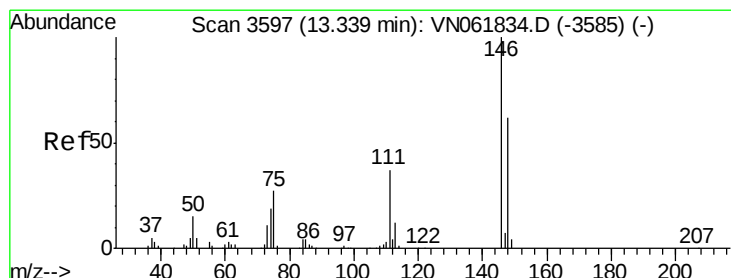
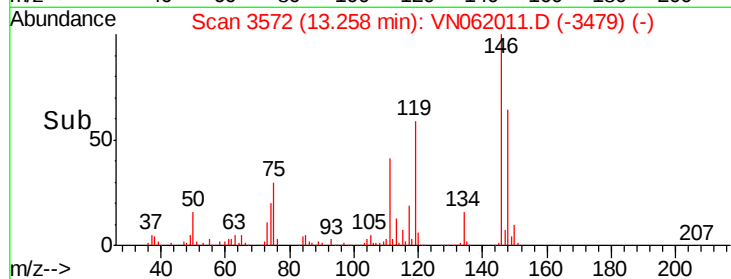
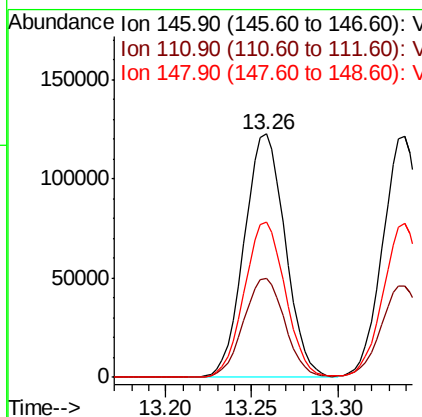
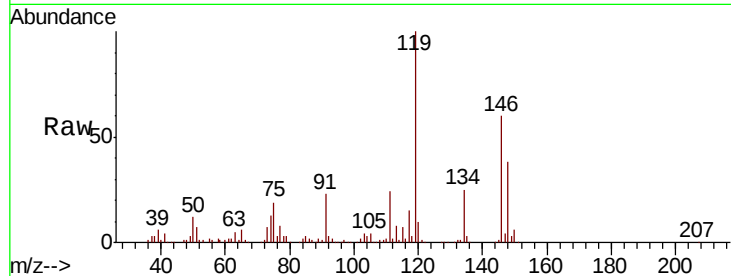




#87  
 1,3-Dichlorobenzene  
 Concen: 48.923 ug/l  
 RT: 13.26 min Scan# 3572  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

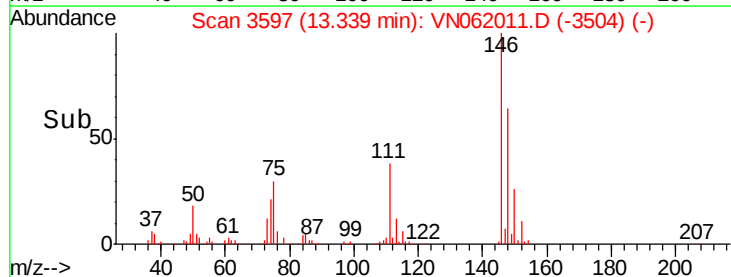
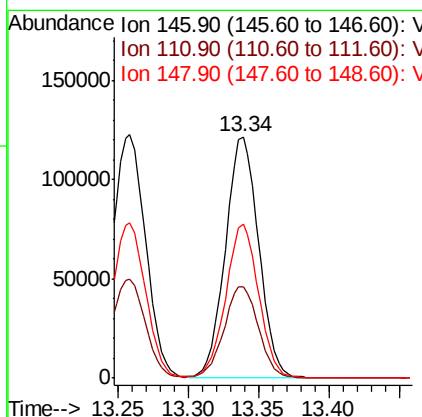
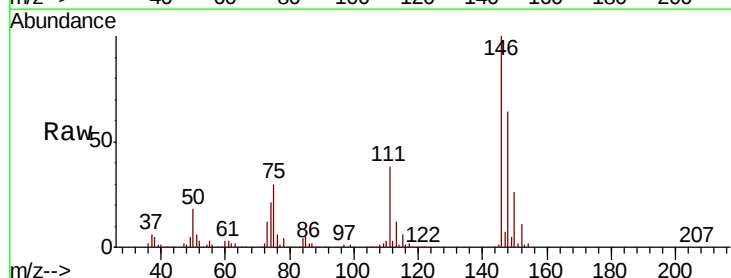
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE139D2-20200616MS

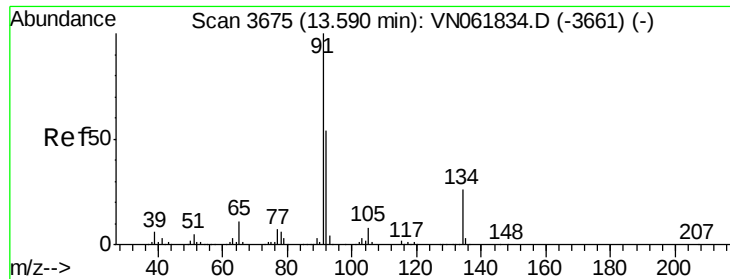
Tot Ion:146 Resp: 203425  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 19.6 58.8  
 148 63.6 31.8 95.4



#88  
 1,4-Dichlorobenzene  
 Concen: 47.062 ug/l  
 RT: 13.34 min Scan# 3597  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

Tgt Ion:146 Resp: 200308  
 Ion Ratio Lower Upper  
 146 100  
 111 39.5 19.3 57.8  
 148 63.5 31.6 94.7

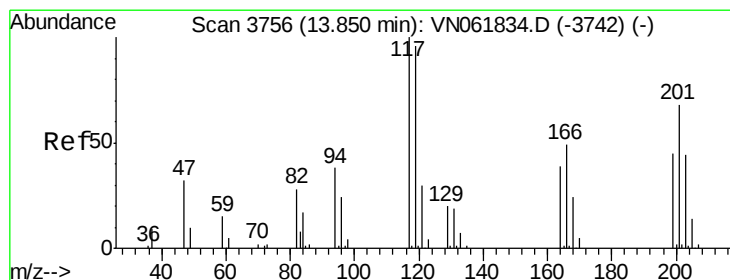
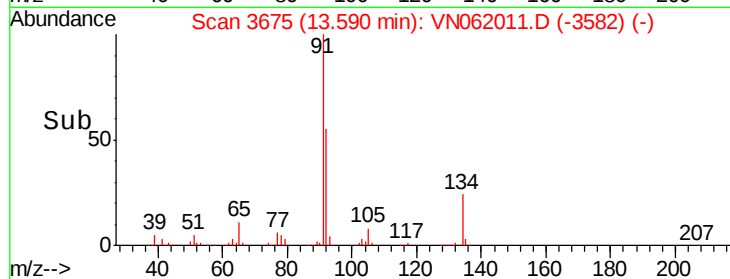
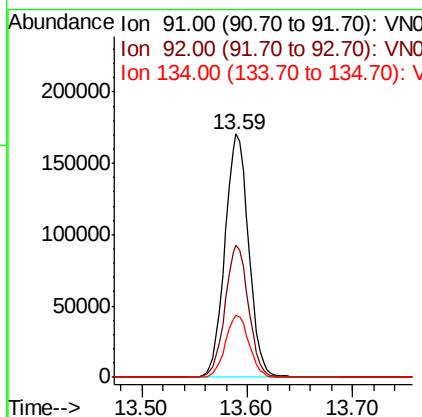
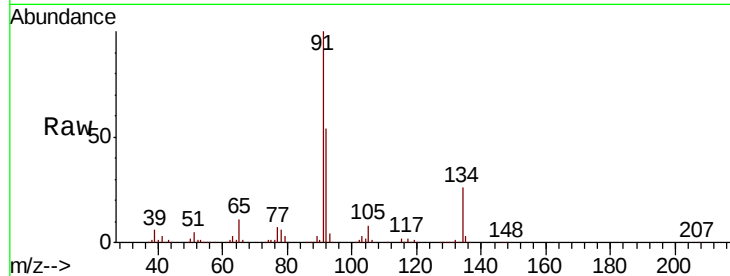




#89  
n-Butylbenzene  
Concen: 42.977 ug/l  
RT: 13.59 min Scan# 3675  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

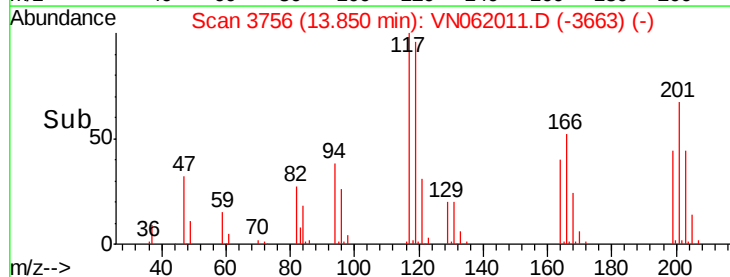
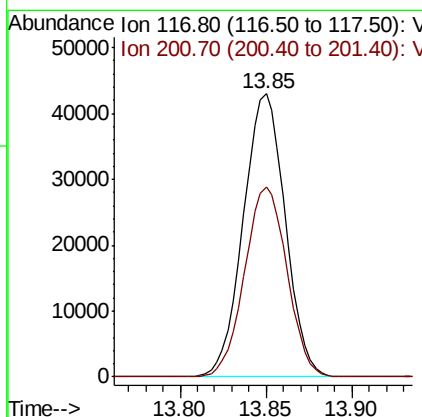
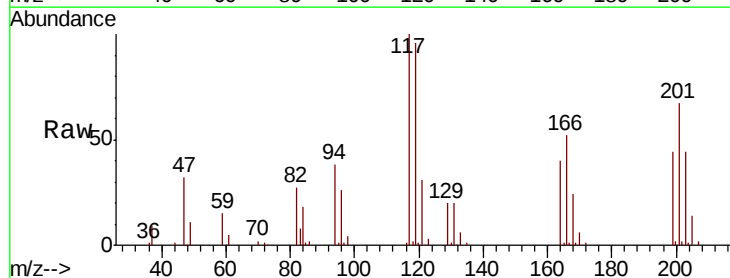
Instrument :  
MSVOA\_N  
ClientSampleId :  
RE139D2-20200616MS

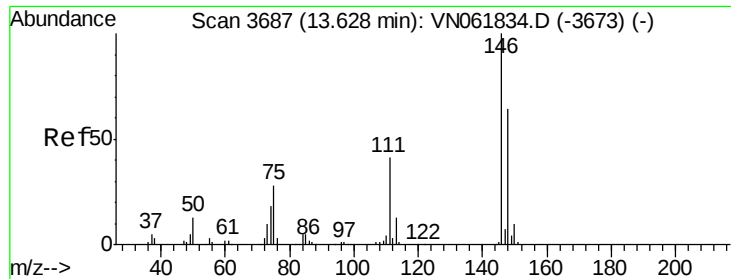
Tot Ion: 91 Resp: 265320  
Ion Ratio Lower Upper  
91 100  
92 53.5 27.0 80.8  
134 25.5 13.0 39.0



#90  
Hexachloroethane  
Concen: 53.809 ug/l  
RT: 13.85 min Scan# 3756  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Tgt Ion: 117 Resp: 72812  
Ion Ratio Lower Upper  
117 100  
201 67.7 34.6 103.8

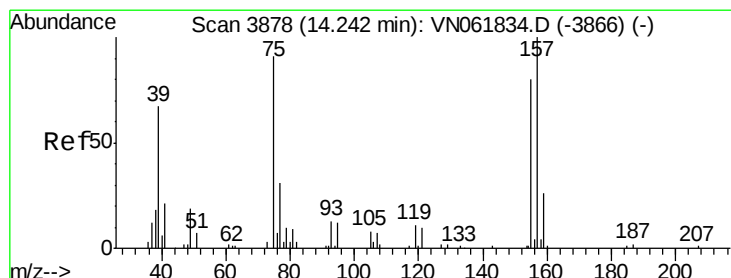
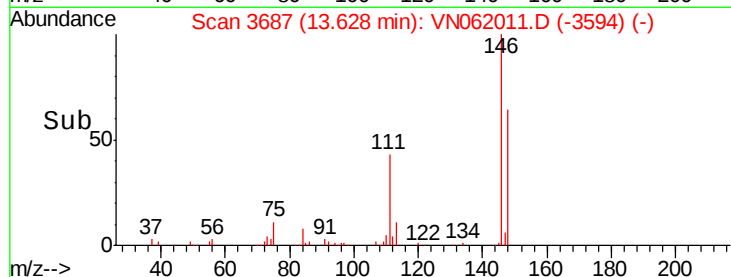
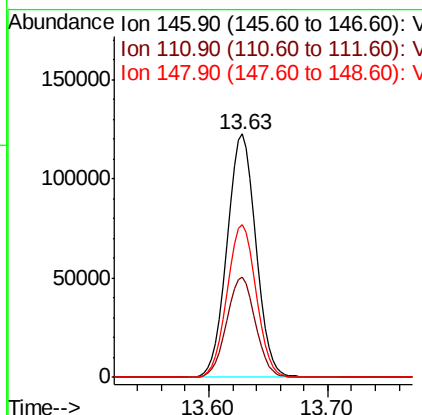
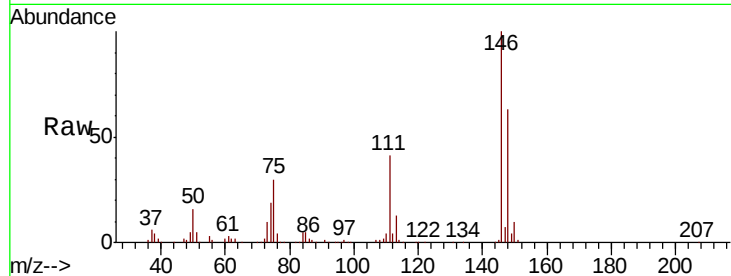




#91  
 1,2-Dichlorobenzene  
 Concen: 51.632 ug/l  
 RT: 13.63 min Scan# 3687  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

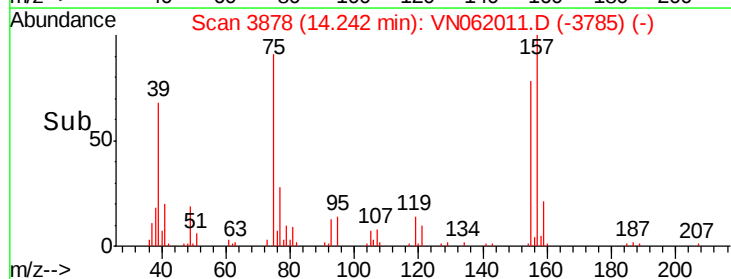
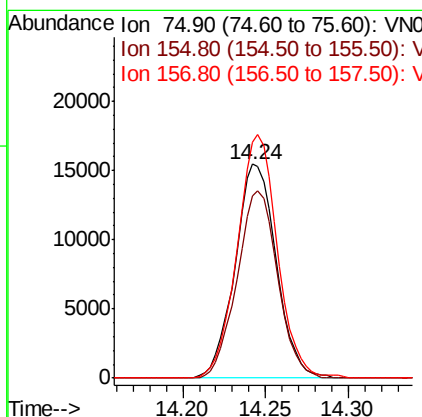
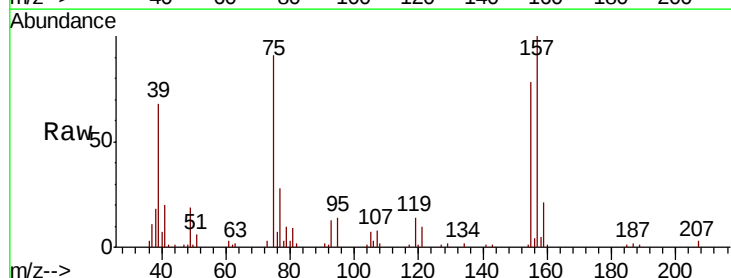
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE139D2-20200616MS

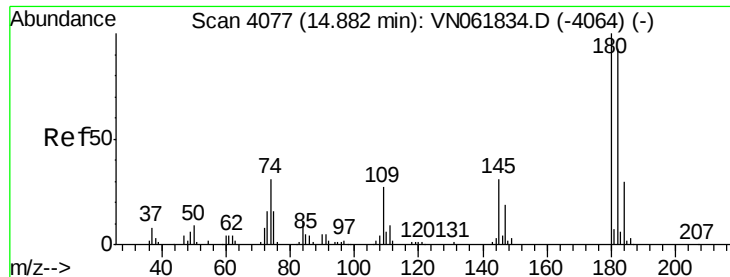
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.1  | 20.4  | 61.2  |
| 148     | 63.1  | 31.8  | 95.4  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 55.977 ug/l  
 RT: 14.24 min Scan# 3878  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 85.7  | 44.4  | 133.2 |
| 157     | 110.8 | 57.0  | 171.2 |

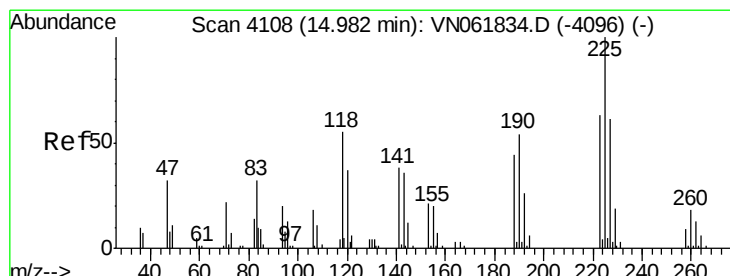
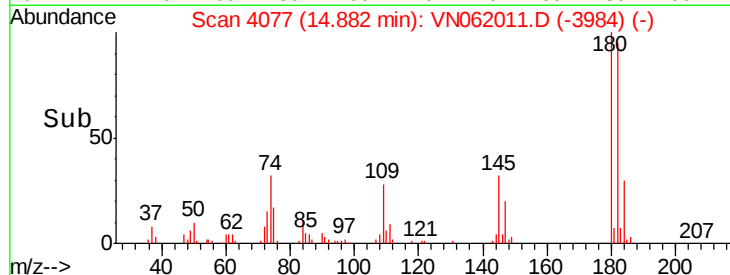
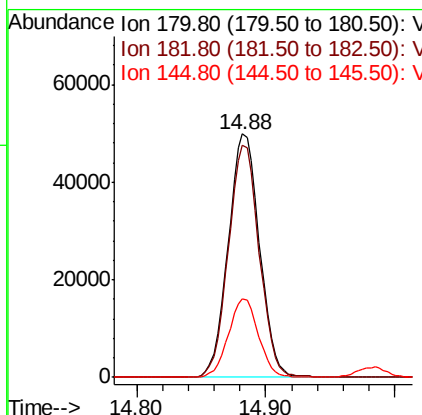
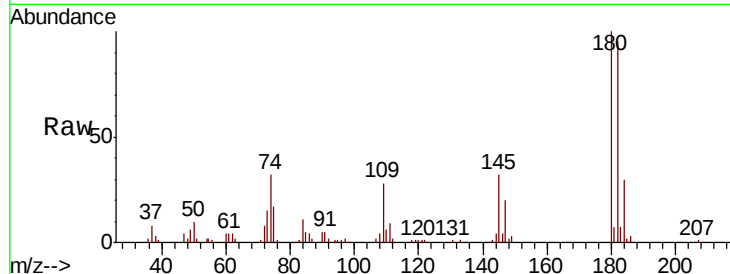




#93  
 1,2,4-Trichlorobenzene  
 Concen: 44.403 ug/l  
 RT: 14.88 min Scan# 4077  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

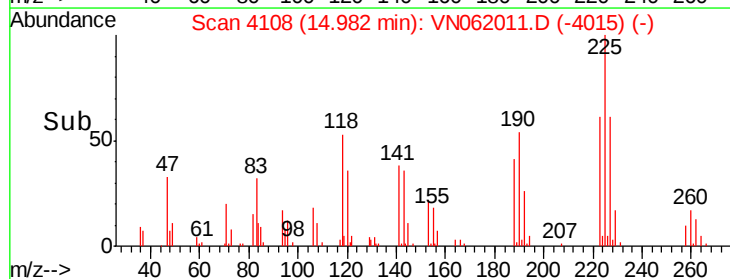
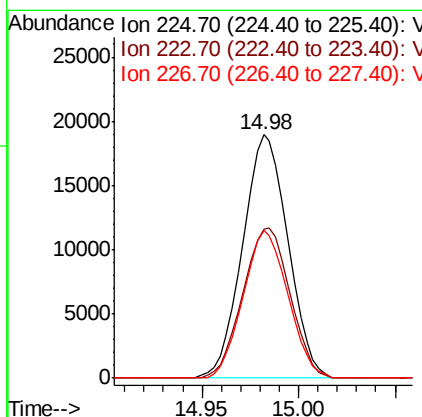
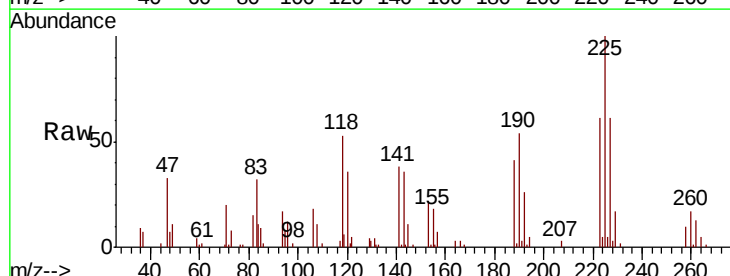
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 RE139D2-20200616MS

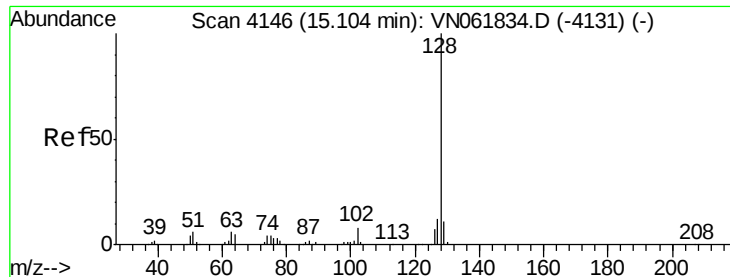
Tot Ion:180 Resp: 83873  
 Ion Ratio Lower Upper  
 180 100  
 182 94.2 47.0 141.2  
 145 30.9 15.8 47.3



#94  
 Hexachlorobutadiene  
 Concen: 41.428 ug/l  
 RT: 14.98 min Scan# 4108  
 Delta R.T. -0.00 min  
 Lab File: VN062011.D  
 Acq: 22 Jun 2020 19:55

Tgt Ion:225 Resp: 30821  
 Ion Ratio Lower Upper  
 225 100  
 223 64.2 31.7 95.1  
 227 59.9 30.1 90.3

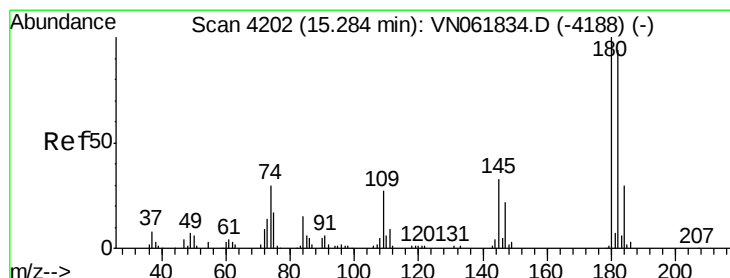
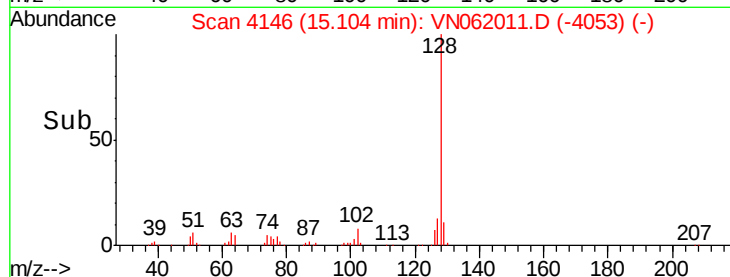
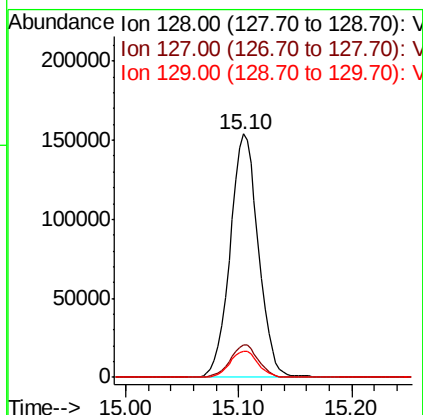
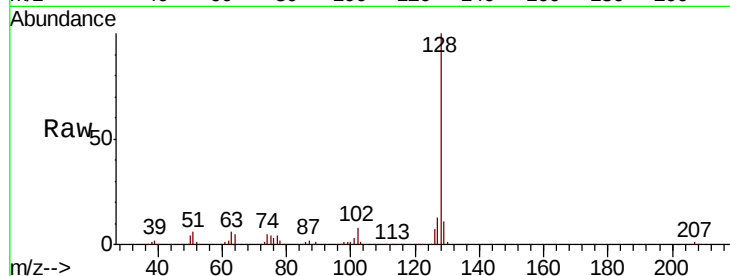




#95  
Naphthalene  
Concen: 42.752 ug/l  
RT: 15.10 min Scan# 4146  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

Instrument :  
MSVOA\_N  
ClientSampleId :  
RE139D2-20200616MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.3  | 10.3  | 15.5  |
| 129     | 10.7  | 8.6   | 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 47.611 ug/l  
RT: 15.28 min Scan# 4202  
Delta R.T. -0.00 min  
Lab File: VN062011.D  
Acq: 22 Jun 2020 19:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.6  | 47.9  | 143.6 |
| 145     | 33.5  | 16.5  | 49.5  |

