

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\  
 Data File : VN055678.D  
 Acq On : 20 May 2019 16:52  
 Operator : JC/SP  
 Sample : VN0520MBSD01  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 21 05:18:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N051719W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 17 23:54:12 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 330965   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 492632   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 416863   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 167631   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 169101   | 46.61 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.22% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 156390   | 49.97 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.94% |          |
| 50) Toluene-d8              | 10.09 | 98   | 575552   | 48.64 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.28% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 183384   | 44.88 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.76% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 43961    | 17.263 | ug/l  | 100    |
| 3) Chloromethane              | 2.06 | 50   | 56729    | 16.702 | ug/l  | 100    |
| 4) Vinyl Chloride             | 2.18 | 62   | 65370    | 17.774 | ug/l  | 98     |
| 5) Bromomethane               | 2.54 | 94   | 45920    | 19.591 | ug/l  | 99     |
| 6) Chloroethane               | 2.69 | 64   | 38079    | 18.647 | ug/l  | 97     |
| 7) Trichlorofluoromethane     | 3.02 | 101  | 86187    | 18.287 | ug/l  | 98     |
| 8) Diethyl Ether              | 3.41 | 74   | 36299    | 19.172 | ug/l  | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.77 | 101  | 53278    | 18.542 | ug/l  | 98     |
| 10) Methyl Iodide             | 3.96 | 142  | 77521    | 18.714 | ug/l  | 99     |
| 11) Tert butyl alcohol        | 4.77 | 59   | 67321    | 99.504 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 3.74 | 96   | 54771    | 18.121 | ug/l  | 99     |
| 13) Acrolein                  | 3.61 | 56   | 30790    | 90.094 | ug/l  | 94     |
| 14) Allyl chloride            | 4.33 | 41   | 85673    | 17.558 | ug/l  | 98     |
| 15) Acrylonitrile             | 4.99 | 53   | 143965   | 95.642 | ug/l  | 99     |
| 16) Acetone                   | 3.82 | 43   | 117658   | 79.467 | ug/l  | 96     |
| 17) Carbon Disulfide          | 4.06 | 76   | 143248   | 17.048 | ug/l  | 100    |
| 18) Methyl Acetate            | 4.32 | 43   | 64185    | 20.221 | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.04 | 73   | 185251   | 18.526 | ug/l  | 99     |
| 20) Methylene Chloride        | 4.55 | 84   | 62406    | 18.469 | ug/l  | 95     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96   | 58251    | 18.091 | ug/l  | 93     |
| 22) Diisopropyl ether         | 5.95 | 45   | 170810   | 17.666 | ug/l  | 98     |
| 23) Vinyl Acetate             | 5.89 | 43   | 739232   | 90.102 | ug/l  | 98     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 103754   | 18.301 | ug/l  | 99     |
| 25) 2-Butanone                | 6.83 | 43   | 188498   | 91.054 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 6.83 | 77   | 73020    | 14.512 | ug/l  | 97     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 68714    | 18.327 | ug/l  | 94     |
| 28) Bromochloromethane        | 7.20 | 49   | 46157    | 18.714 | ug/l  | 91     |
| 29) Tetrahydrofuran           | 7.21 | 42   | 128123   | 93.417 | ug/l  | 97     |
| 30) Chloroform                | 7.37 | 83   | 106781   | 18.349 | ug/l  | 98     |
| 31) Cyclohexane               | 7.66 | 56   | 93975    | 17.465 | ug/l  | 93     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 95097    | 18.219 | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 77430    | 17.629 | ug/l  | 98     |
| 37) Ethyl Acetate             | 6.93 | 43   | 78710    | 19.859 | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 86075    | 18.340 | ug/l  | 97     |

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 Sample : VN0520MBSD01  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 21 05:18:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N051719W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 17 23:54:12 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 39) Methylcyclohexane          | 9.08  | 83   | 93103    | 17.584  | ug/l   | 99       |
| 40) Benzene                    | 8.04  | 78   | 243724   | 18.866  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.17  | 41   | 33934    | 20.026  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 79334    | 18.965  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.16  | 43   | 137749   | 19.980  | ug/l   | 98       |
| 44) Trichloroethene            | 8.84  | 130  | 68821    | 18.879  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 63261    | 18.588  | ug/l   | 97       |
| 46) Dibromomethane             | 9.21  | 93   | 42475    | 19.069  | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.40  | 83   | 86144    | 18.453  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.20  | 41   | 59922    | 19.446  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 26651    | 435.251 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 377603   | 93.373  | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 151483   | 18.695  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 88981    | 17.709  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 99838    | 18.138  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 62965    | 18.876  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 95989    | 18.434  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 99783    | 18.887  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 192534   | 87.019  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.75 | 43   | 257122   | 90.307  | ug/l   | 97       |
| 60) Dibromochloromethane       | 10.90 | 129  | 74694    | 19.757  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 65872    | 19.736  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 67362    | 20.488  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.43 | 112  | 162114   | 19.227  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 68268    | 20.126  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 283149   | 18.851  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 214639   | 37.841  | ug/l   | 98       |
| 69) o-Xylene                   | 11.95 | 106  | 108161   | 19.496  | ug/l   | 95       |
| 70) Styrene                    | 11.96 | 104  | 172980   | 18.752  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 57353    | 19.952  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 281819   | 22.639  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 97164    | 20.642  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 86464    | 22.416  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 71477m   | 20.896  | ug/l   |          |
| 77) Bromobenzene               | 12.53 | 156  | 73388    | 21.317  | ug/l   | 93       |
| 78) n-propylbenzene            | 12.59 | 91   | 284605   | 19.119  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 179170   | 21.532  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 231331   | 21.872  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 24639    | 18.517  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 166182   | 18.947  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 207804   | 22.861  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 227668   | 21.702  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 254316   | 21.473  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 229756   | 21.006  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 112497   | 19.763  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 106166   | 19.534  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.61 | 91   | 165060   | 17.944  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 47593    | 22.694  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 113892   | 20.072  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 15444    | 20.301  | ug/l   | 92       |

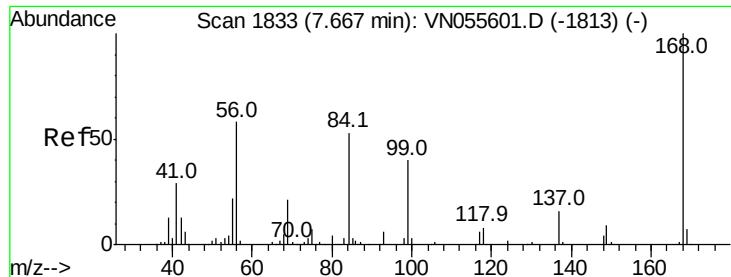
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\  
Data File : VN055678.D  
Acq On : 20 May 2019 16:52  
Operator : JC/SP  
Sample : VN0520MBSD01  
Misc : 5.00uL/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 21 Sample Multiplier: 1

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Quant Title : SW846 8260  
QLast Update : Fri May 17 23:54:12 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 51661    | 17.886 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 41514    | 22.193 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 145805   | 17.901 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 55375    | 18.336 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055678.D

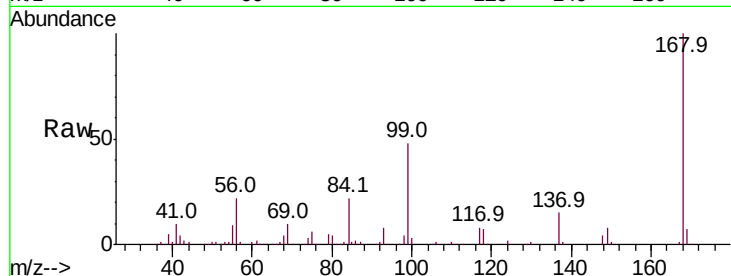
Acq: 20 May 2019 16:52

Tot Ion:168 Resp: 330965

Ion Ratio Lower Upper

168 100

99 47.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055601.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055601.D (-1813) (-)

7.67

150000

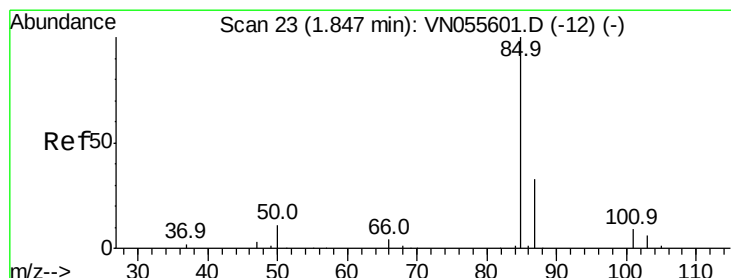
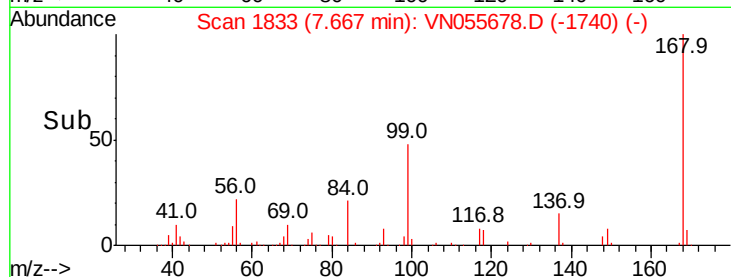
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 17.263 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN055678.D

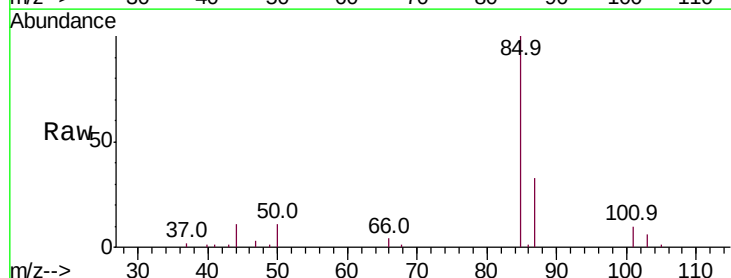
Acq: 20 May 2019 16:52

Tgt Ion: 85 Resp: 43961

Ion Ratio Lower Upper

85 100

87 33.1 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VN055601.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055601.D (-12) (-)

1.85

30000

25000

20000

15000

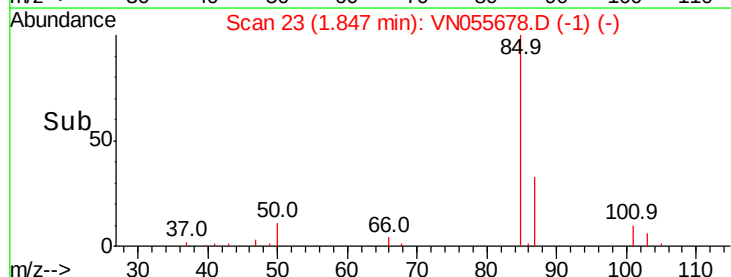
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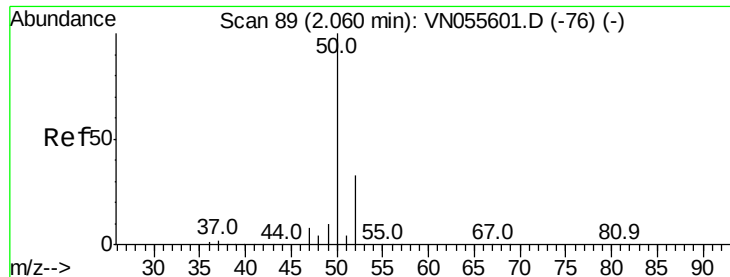
5000

0

Time-->

1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 16.702 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN055678.D

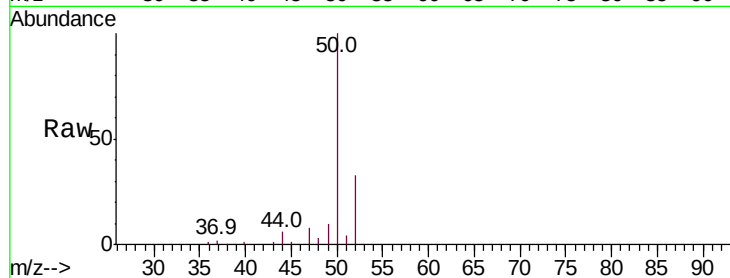
Acq: 20 May 2019 16:52

Tot Ion: 50 Resp: 56729

Ion Ratio Lower Upper

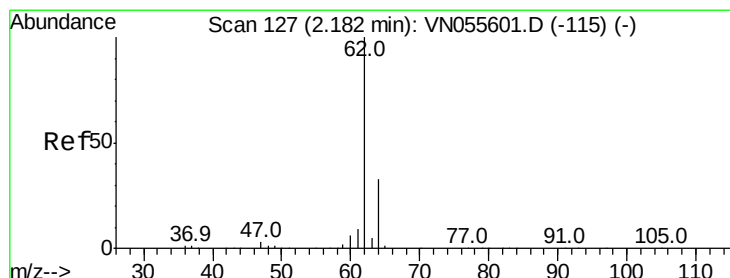
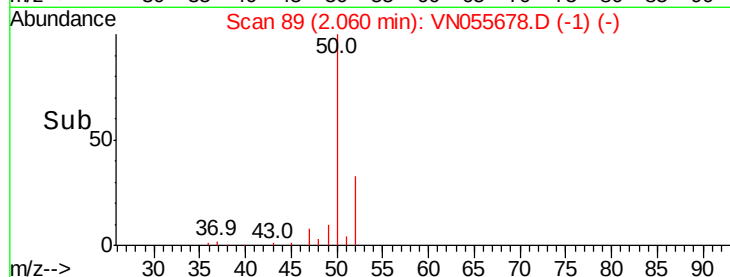
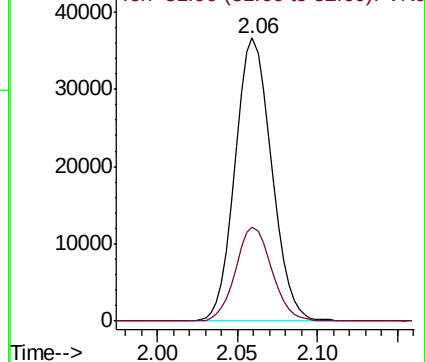
50 100

52 33.3 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.774 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN055678.D

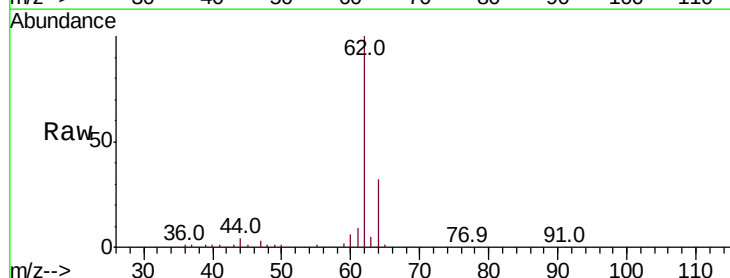
Acq: 20 May 2019 16:52

Tgt Ion: 62 Resp: 65370

Ion Ratio Lower Upper

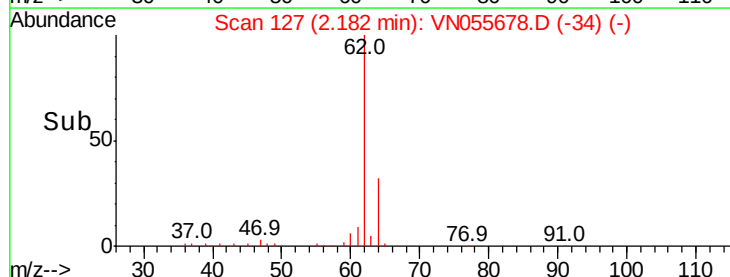
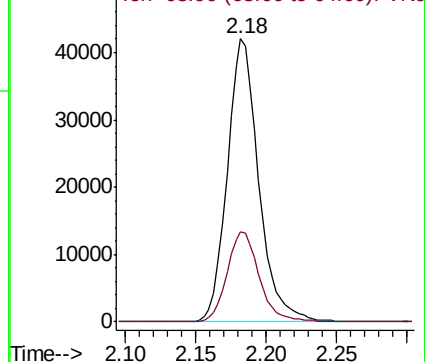
62 100

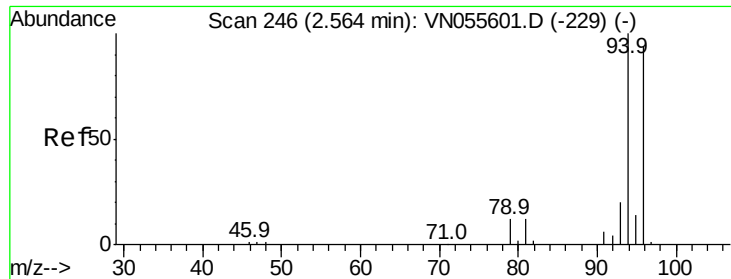
64 31.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.591 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.03 min

Lab File: VN055678.D

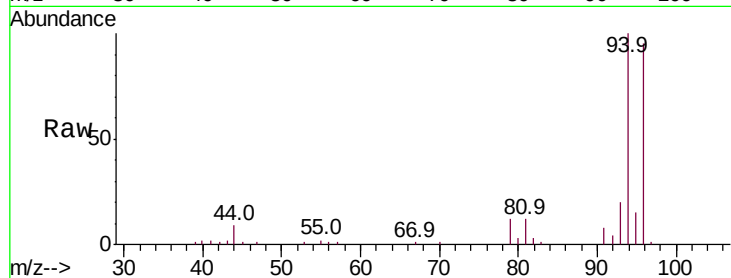
Acq: 20 May 2019 16:52

Tot Ion: 94 Resp: 45920

Ion Ratio Lower Upper

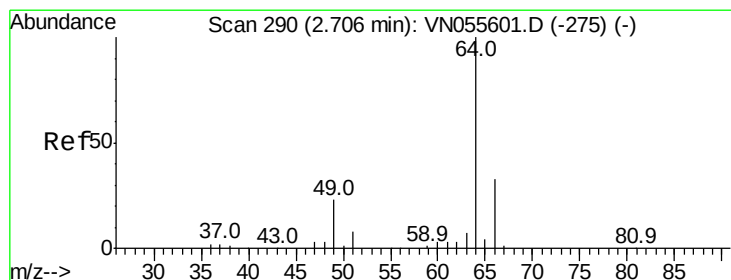
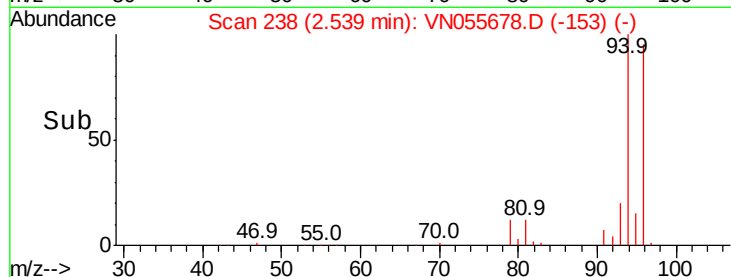
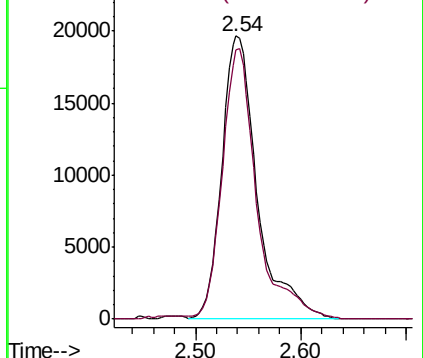
94 100

96 94.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.647 ug/l

RT: 2.69 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN055678.D

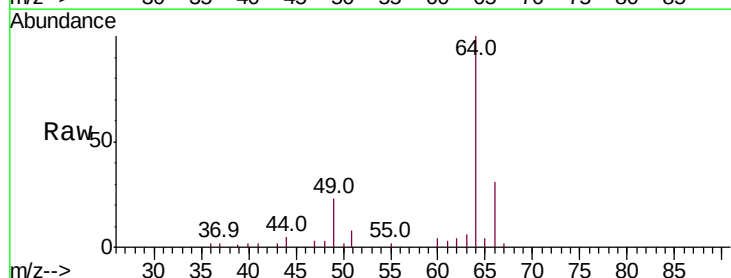
Acq: 20 May 2019 16:52

Tgt Ion: 64 Resp: 38079

Ion Ratio Lower Upper

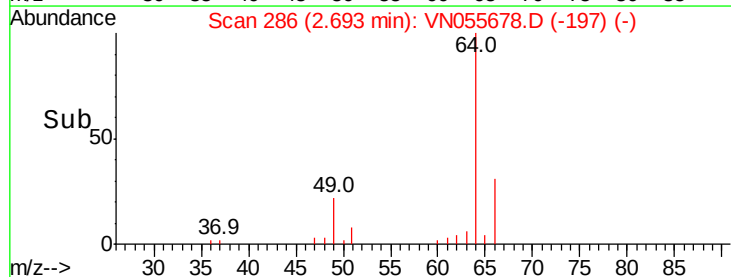
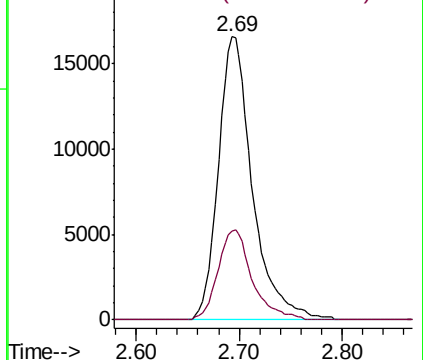
64 100

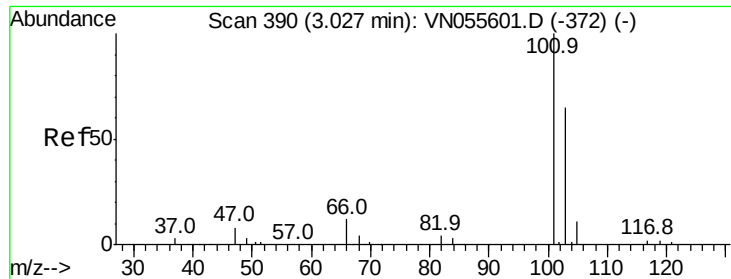
66 31.2 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

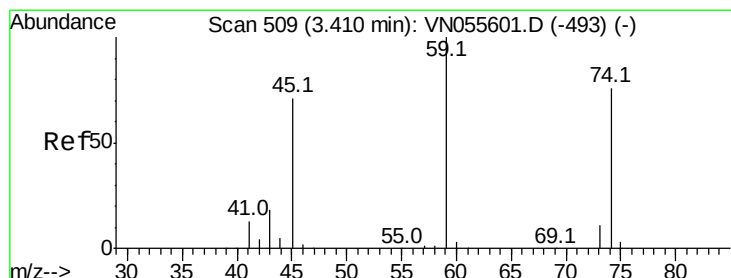
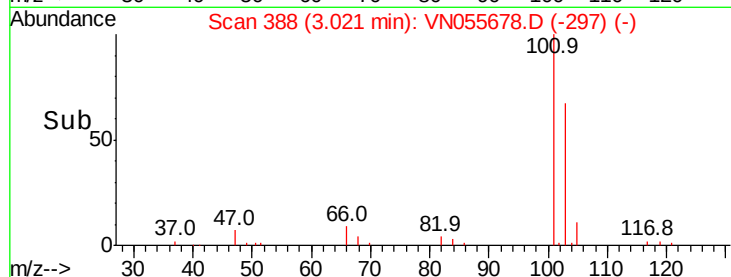
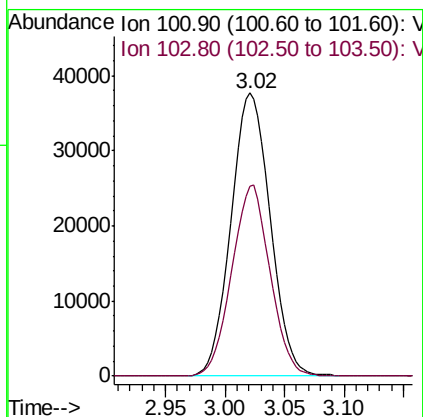
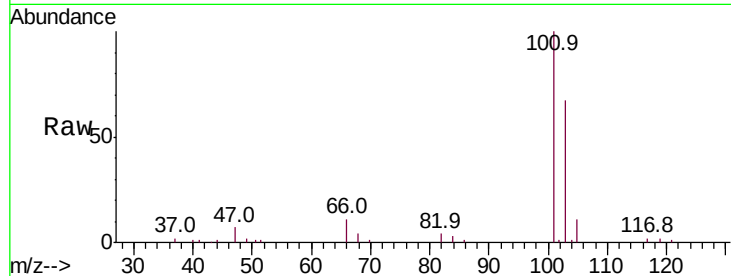




#7

Trichlorofluoromethane  
Concen: 18.287 ug/l  
RT: 3.02 min Scan# 388  
Delta R.T. -0.01 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

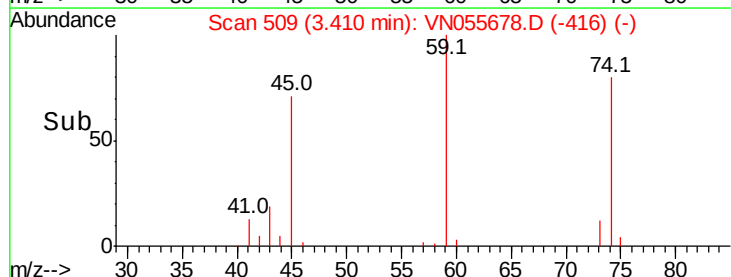
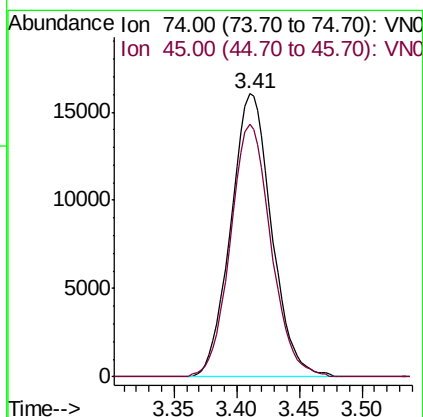
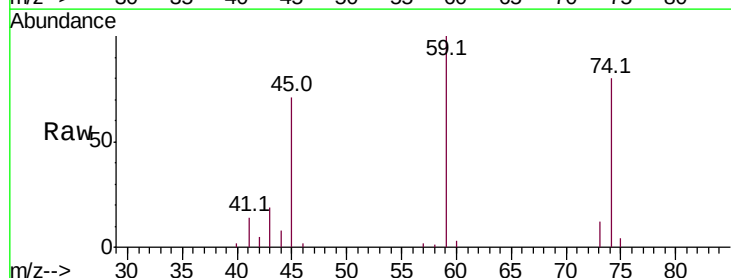
Tot Ion:101 Resp: 86187  
Ion Ratio Lower Upper  
101 100  
103 67.3 52.3 78.5



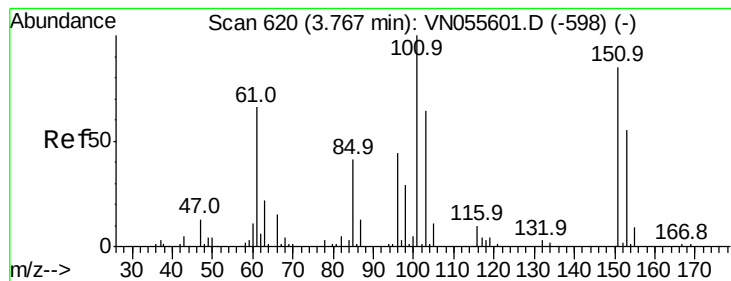
#8

Diethyl Ether  
Concen: 19.172 ug/l  
RT: 3.41 min Scan# 509  
Delta R.T. -0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

Tgt Ion: 74 Resp: 36299  
Ion Ratio Lower Upper  
74 100  
45 88.8 46.4 139.2







#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.542 ug/l

RT: 3.77 min Scan# 620

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

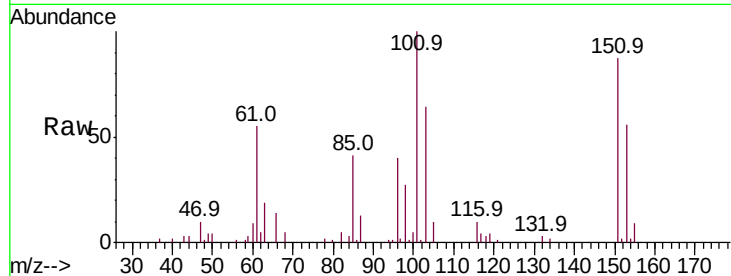
Tot Ion:101 Resp: 53278

Ion Ratio Lower Upper

101 100

85 40.8 33.4 50.0

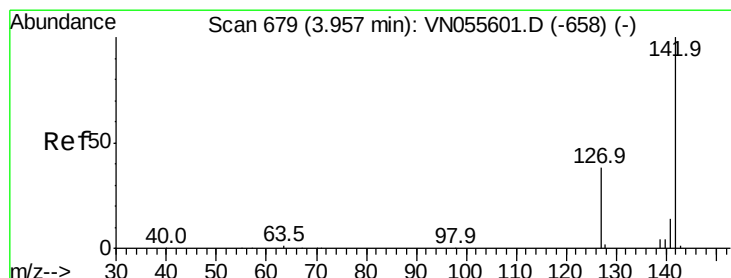
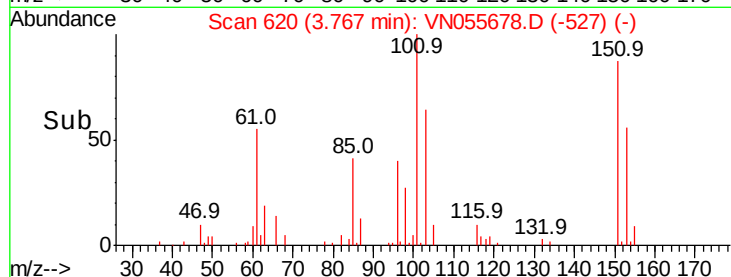
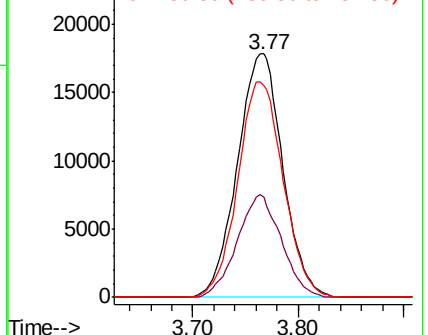
151 88.5 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.714 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

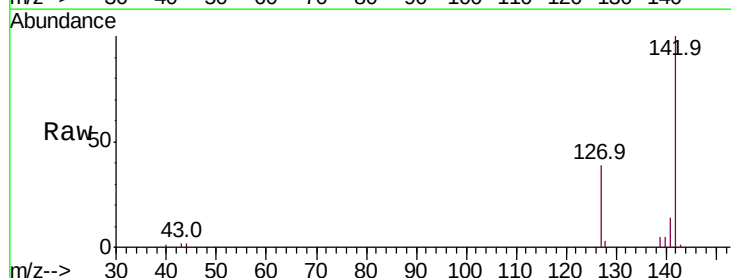
Tgt Ion:142 Resp: 77521

Ion Ratio Lower Upper

142 100

127 37.7 31.0 46.4

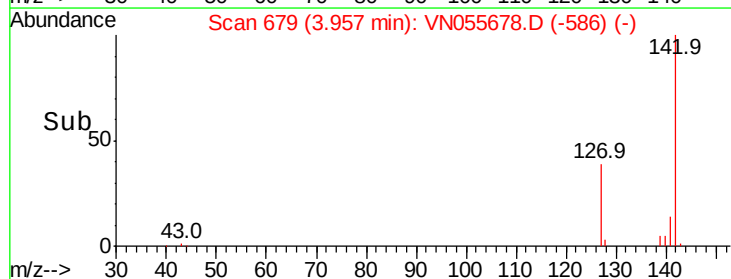
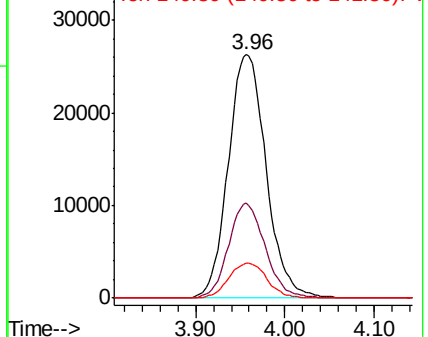
141 14.4 11.5 17.3

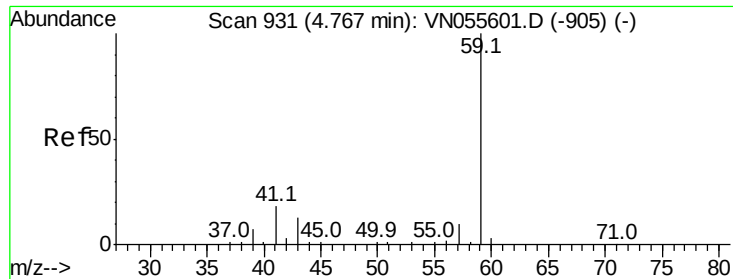


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 99.504 ug/l

RT: 4.77 min Scan# 933

Delta R.T. 0.01 min

Lab File: VN055678.D

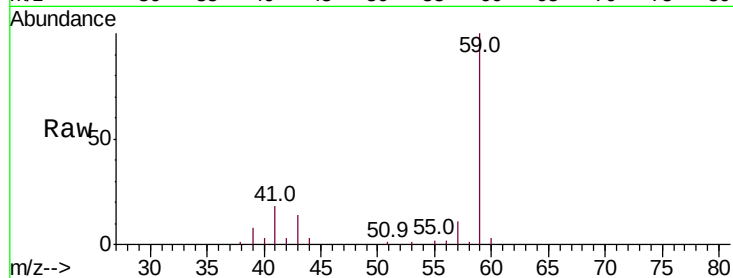
Acq: 20 May 2019 16:52

Tot Ion: 59 Resp: 67321

Ion Ratio Lower Upper

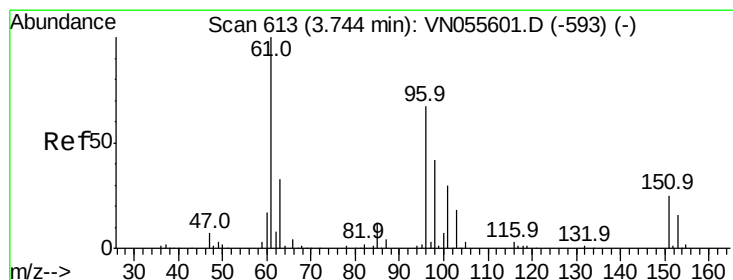
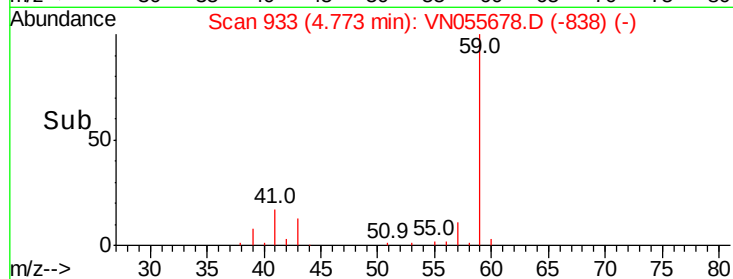
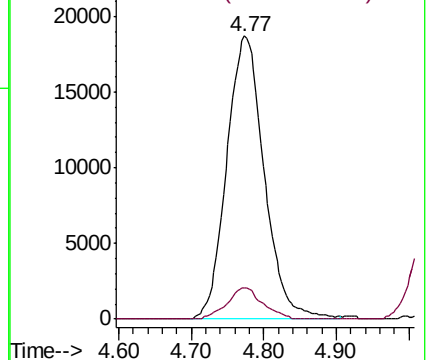
59 100

57 10.5 7.8 11.6



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 18.121 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

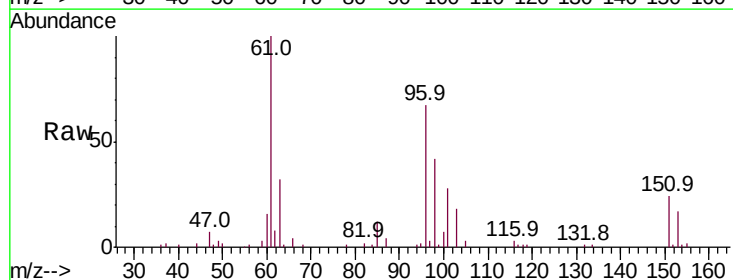
Tgt Ion: 96 Resp: 54771

Ion Ratio Lower Upper

96 100

61 148.6 120.2 180.2

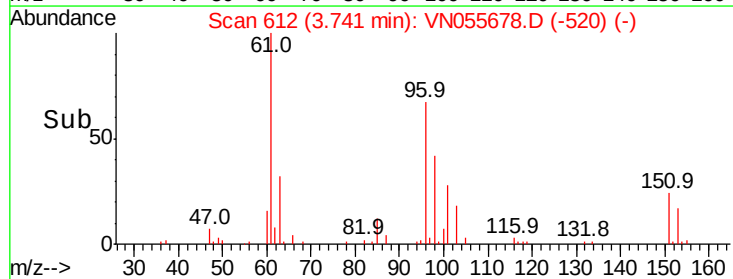
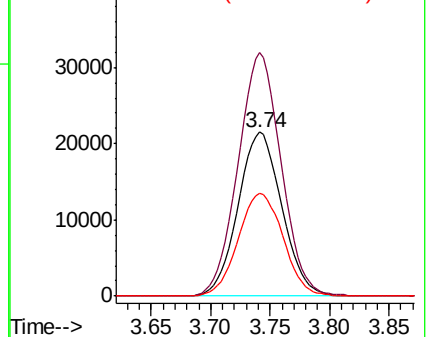
98 62.7 50.6 75.8

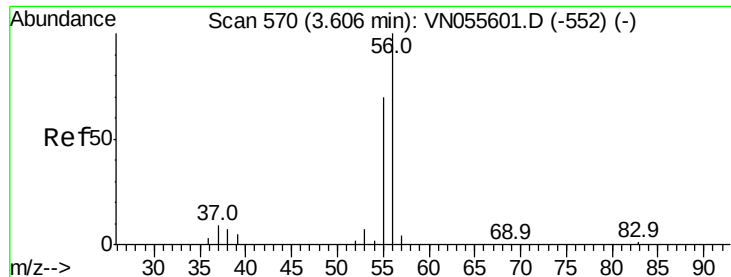


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 90.094 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055678.D

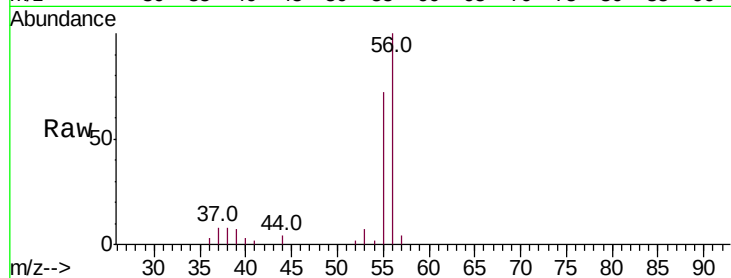
Acq: 20 May 2019 16:52

Tot Ion: 56 Resp: 30790

Ion Ratio Lower Upper

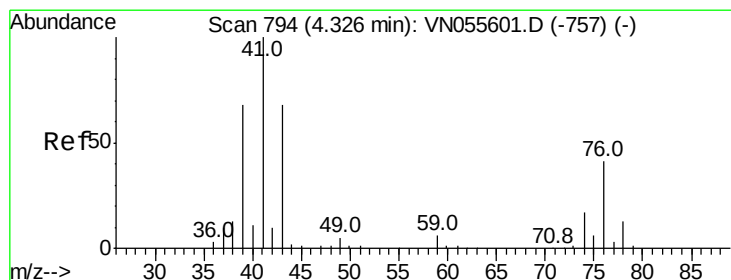
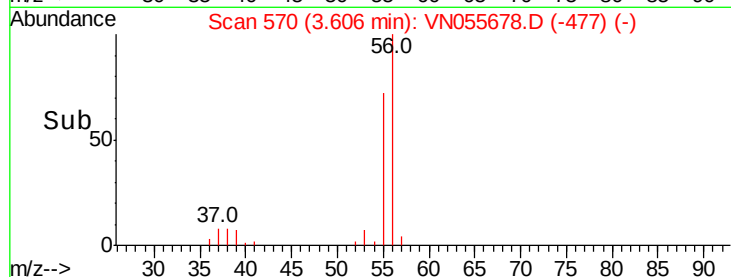
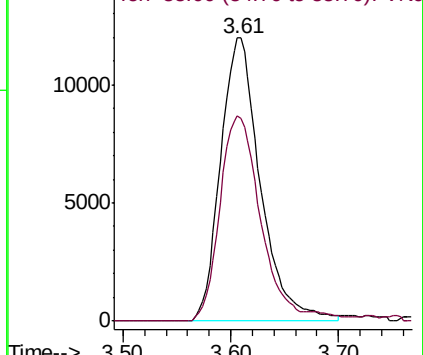
56 100

55 75.2 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.558 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

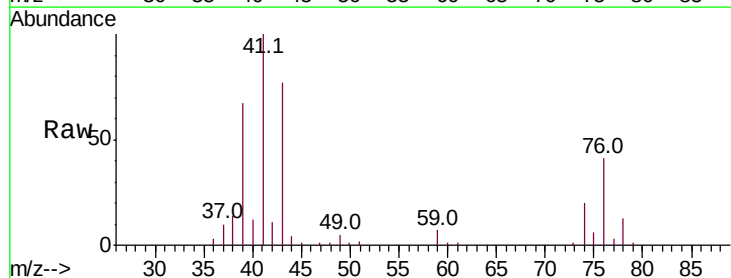
Tgt Ion: 41 Resp: 85673

Ion Ratio Lower Upper

41 100

39 61.4 50.5 75.7

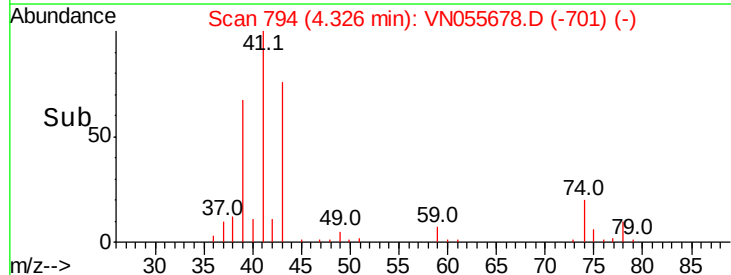
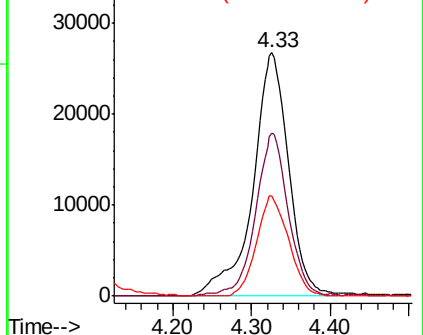
76 37.1 29.2 43.8

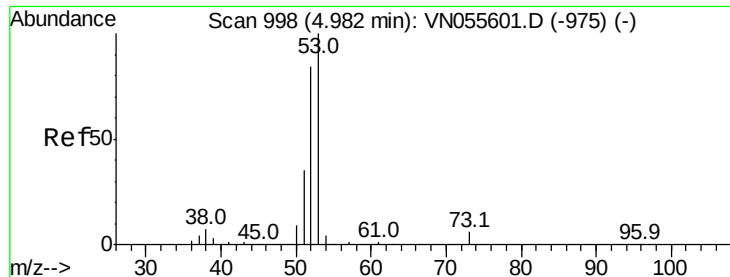


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.642 ug/l

RT: 4.99 min Scan# 1000

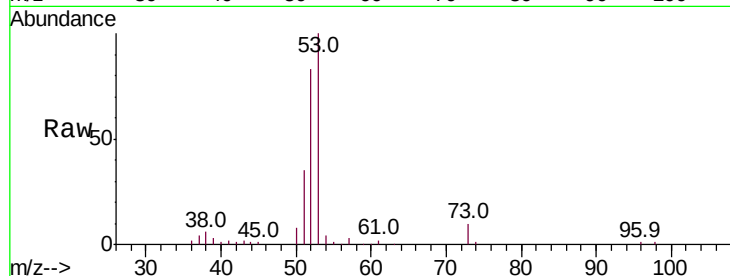
Delta R.T. 0.01 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tot Ion: 53 Resp: 143965

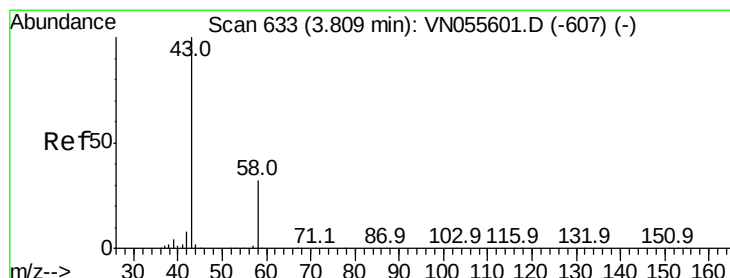
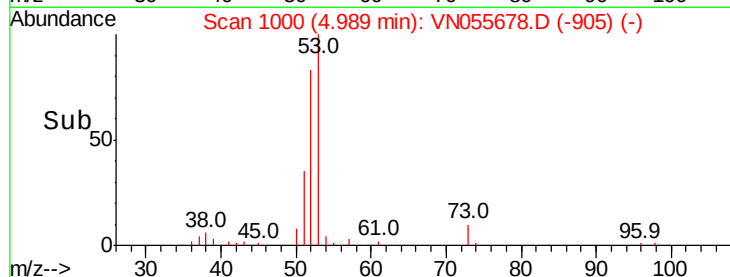
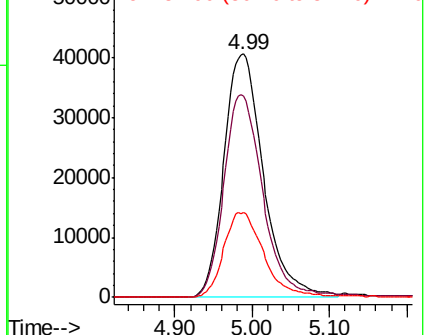
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.4  | 66.2  | 99.4  |
| 51  | 35.6  | 28.5  | 42.7  |



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 79.467 ug/l

RT: 3.82 min Scan# 635

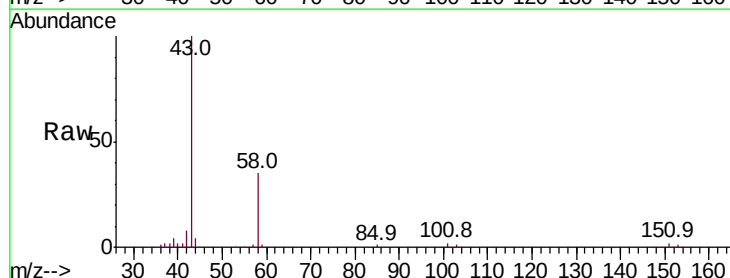
Delta R.T. 0.01 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

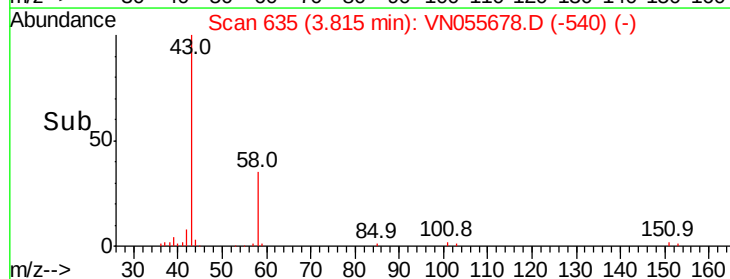
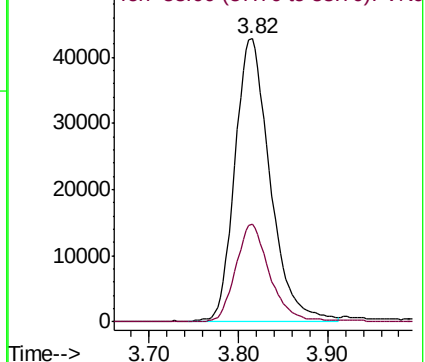
Tgt Ion: 43 Resp: 117658

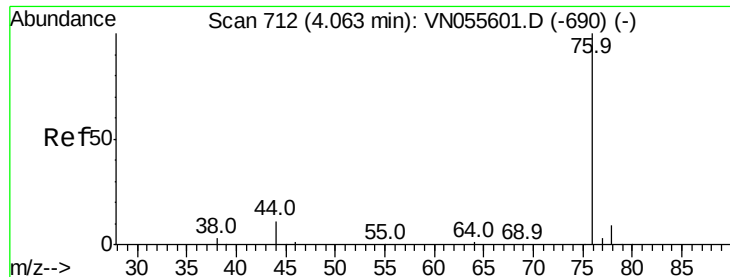
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 34.6  | 26.0  | 39.0  |



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 17.048 ug/l

RT: 4.06 min Scan# 711

Delta R.T. -0.00 min

Lab File: VN055678.D

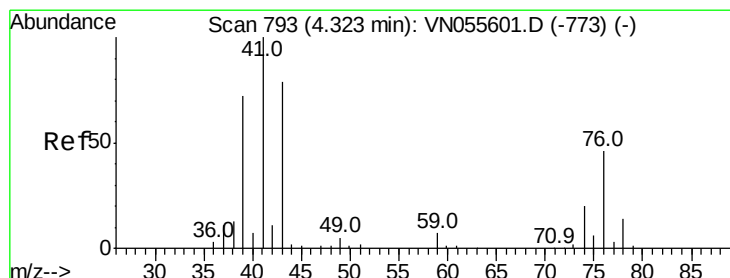
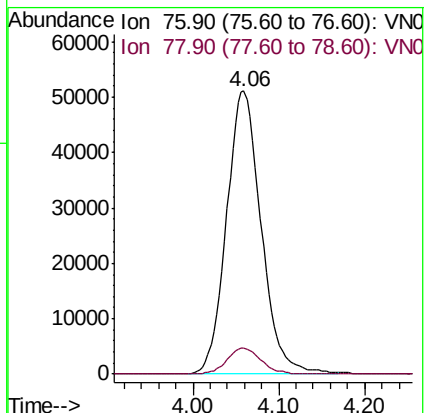
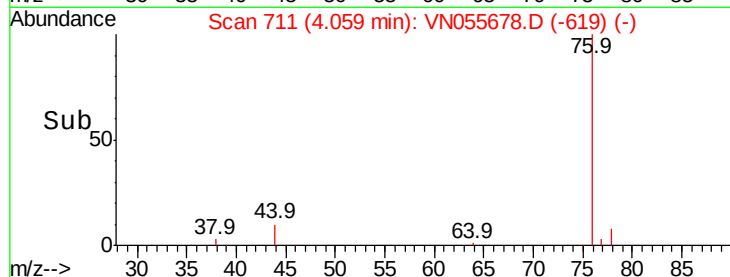
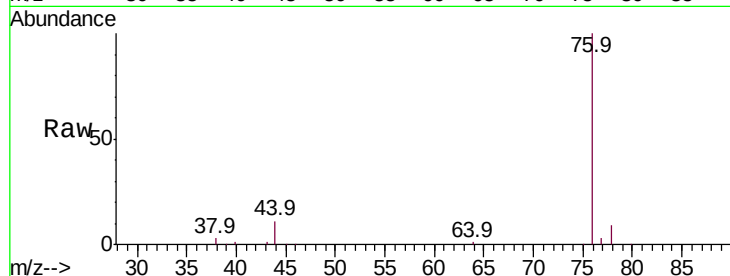
Acq: 20 May 2019 16:52

Tot Ion: 76 Resp: 143248

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 20.221 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055678.D

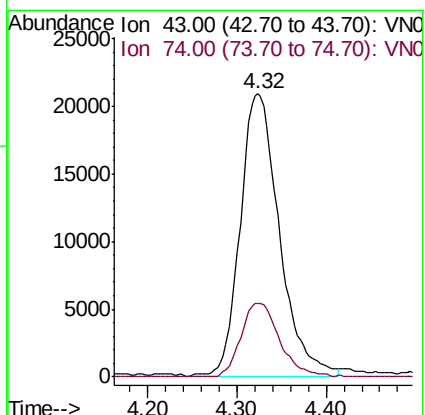
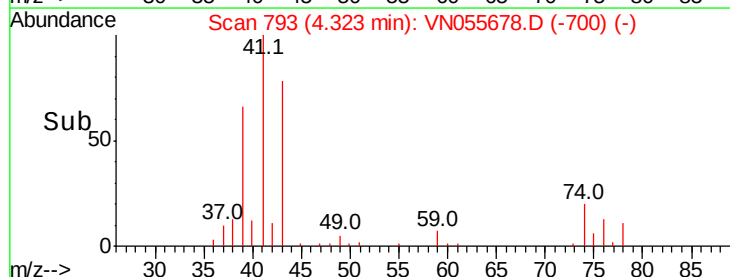
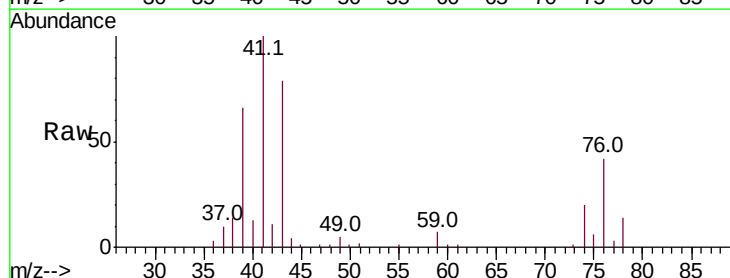
Acq: 20 May 2019 16:52

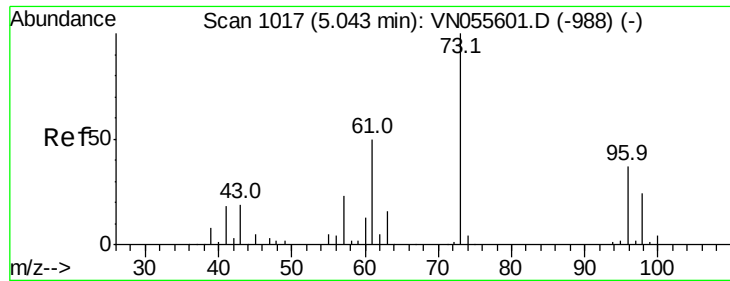
Tgt Ion: 43 Resp: 64185

Ion Ratio Lower Upper

43 100

74 25.6 19.9 29.9

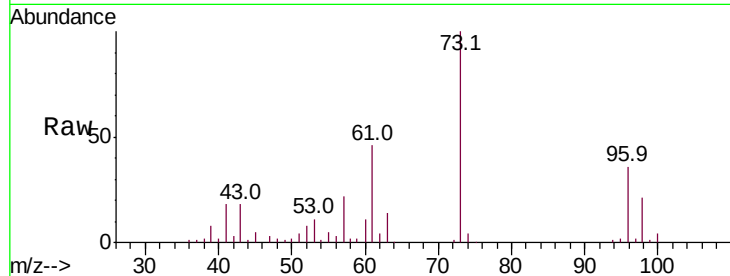




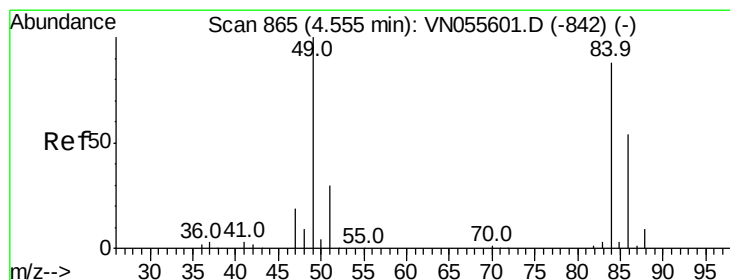
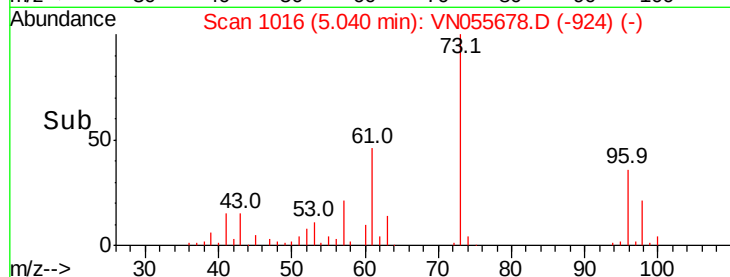
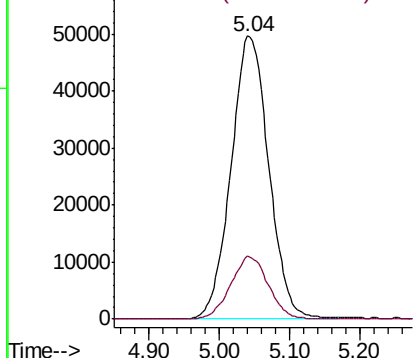
#19

Methvl tert-butyl Ether  
 Concen: 18.526 ug/l  
 RT: 5.04 min Scan# 1016  
 Delta R.T. -0.00 min  
 Lab File: VN055678.D  
 Acq: 20 May 2019 16:52

Tot Ion: 73 Resp: 185251  
 Ion Ratio Lower Upper  
 73 100  
 57 22.2 18.2 27.2



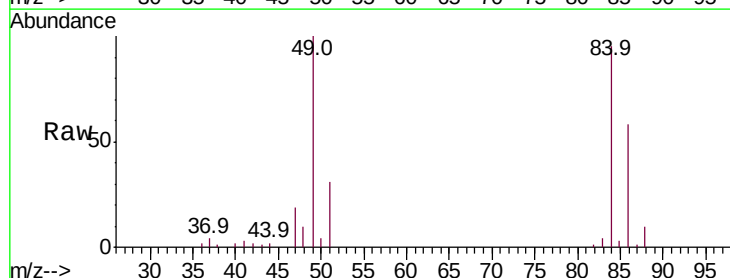
Abundance Ion 73.00 (72.70 to 73.70): VN0  
 Ion 57.00 (56.70 to 57.70): VN0



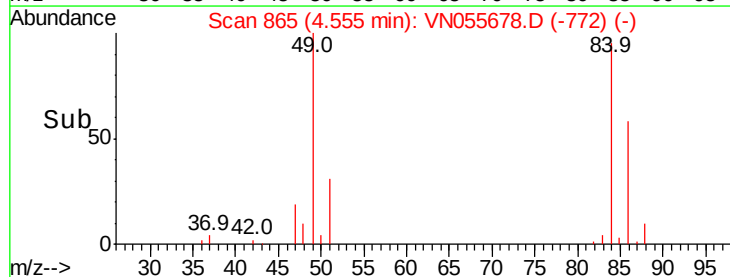
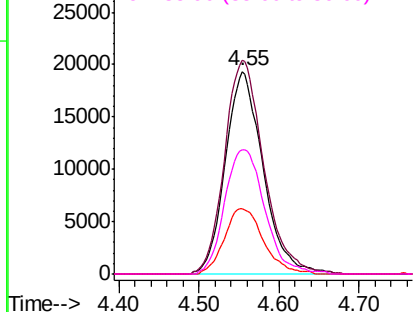
#20

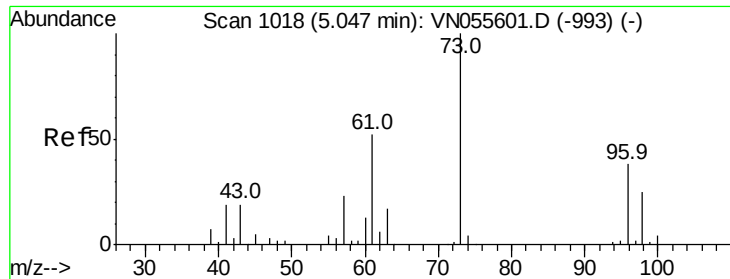
Methylene Chloride  
 Concen: 18.469 ug/l  
 RT: 4.55 min Scan# 865  
 Delta R.T. -0.00 min  
 Lab File: VN055678.D  
 Acq: 20 May 2019 16:52

Tgt Ion: 84 Resp: 62406  
 Ion Ratio Lower Upper  
 84 100  
 49 105.6 91.0 136.4  
 51 32.4 27.5 41.3  
 86 61.3 49.4 74.0



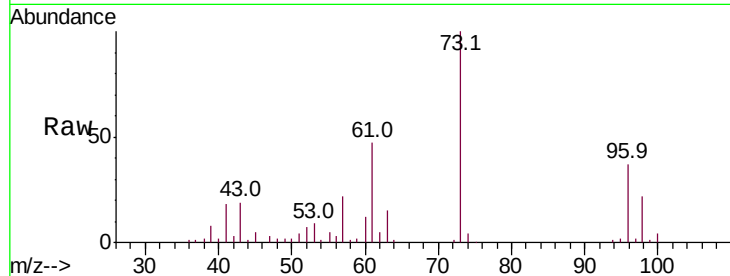
Abundance Ion 83.90 (83.60 to 84.60): VN0  
 Ion 48.90 (48.60 to 49.60): VN0  
 Ion 50.90 (50.60 to 51.60): VN0  
 Ion 85.90 (85.60 to 86.60): VN0





#21  
trans-1,2-Dichloroethene  
Concen: 18.091 ug/l  
RT: 5.04 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 127.1 | 108.6 | 162.8 |
| 98      | 60.2  | 51.4  | 77.0  |

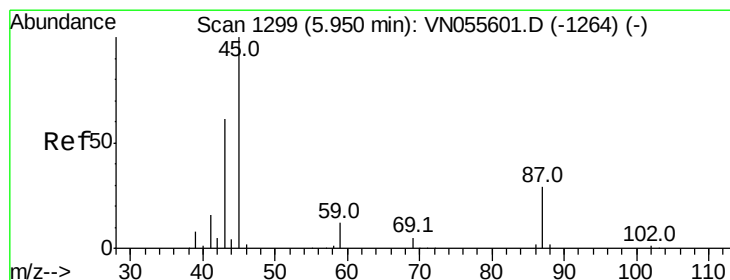
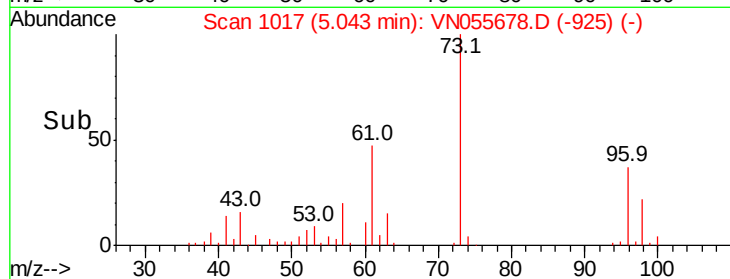
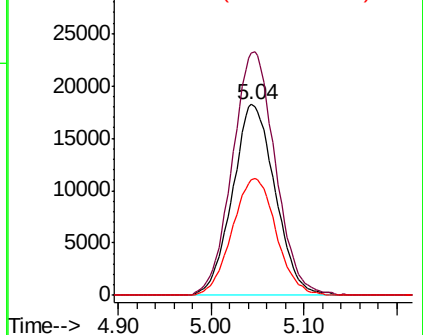


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22  
Diisopropyl ether  
Concen: 17.666 ug/l  
RT: 5.95 min Scan# 1299  
Delta R.T. -0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 64.8  | 50.4  | 75.6  |
| 87      | 30.8  | 23.8  | 35.6  |
| 59      | 12.4  | 9.5   | 14.3  |

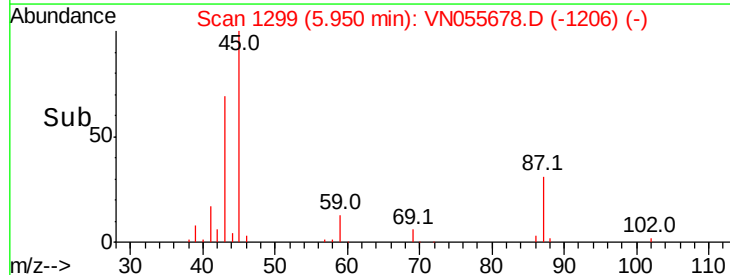
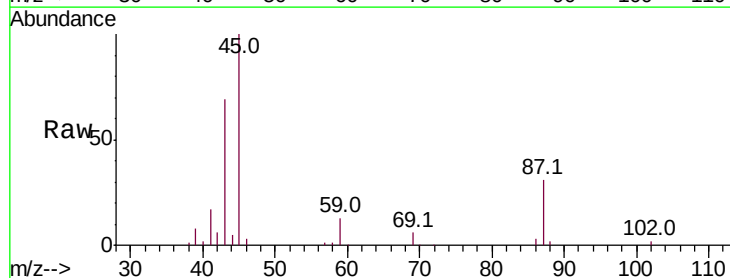
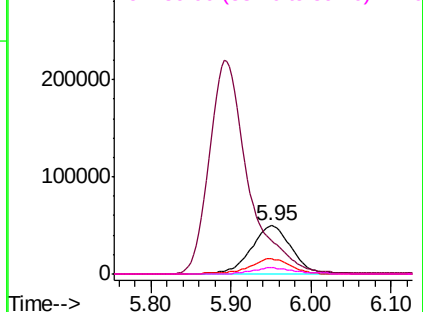
Abundance

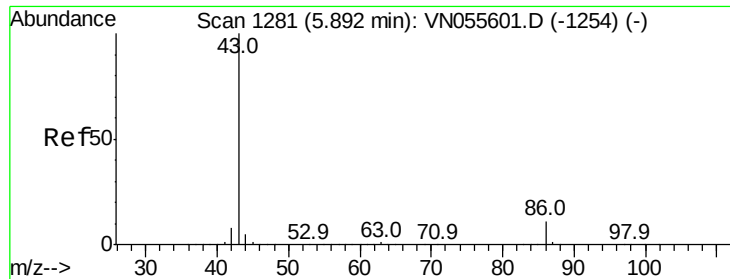
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 90.102 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN055678.D

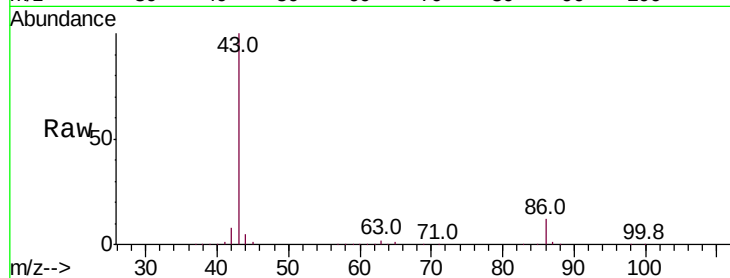
Acq: 20 May 2019 16:52

Tot Ion: 43 Resp: 739232

Ion Ratio Lower Upper

43 100

86 11.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.89

250000

200000

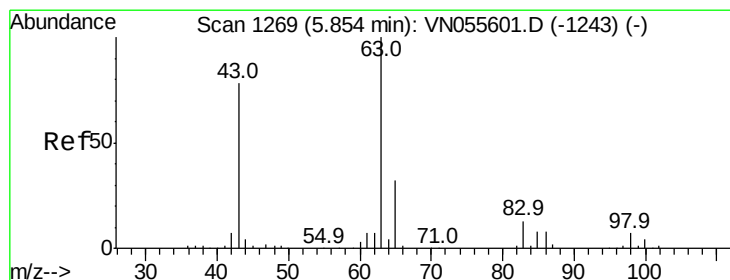
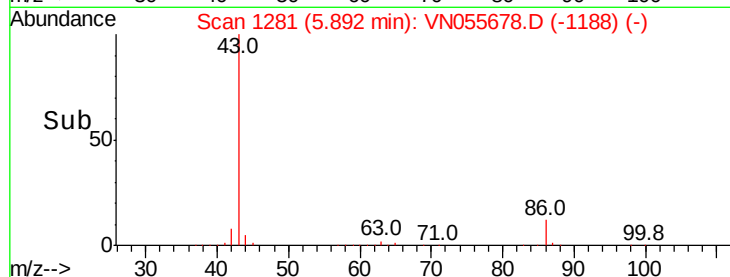
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 18.301 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

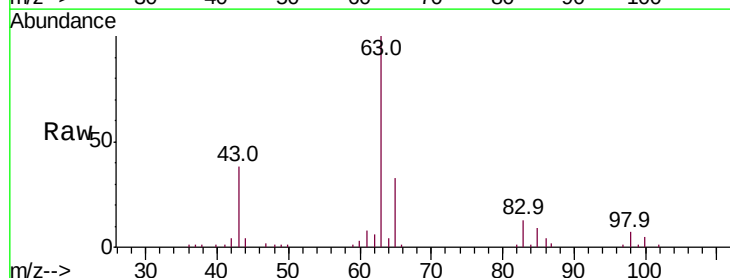
Tgt Ion: 63 Resp: 103754

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

100 4.8 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.85

40000

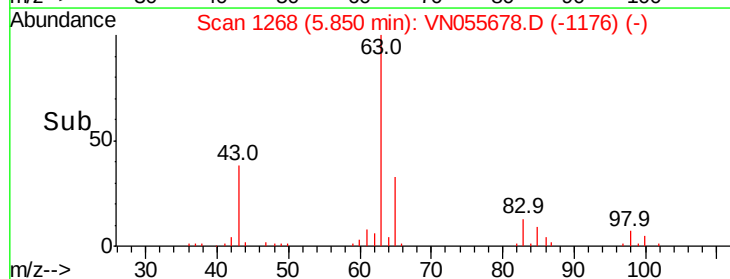
30000

20000

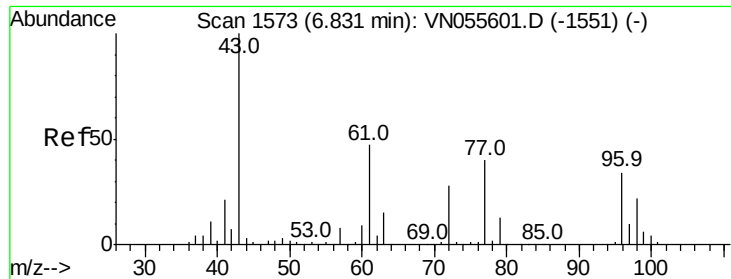
10000

0

Time--> 5.70 5.80 5.90 6.00

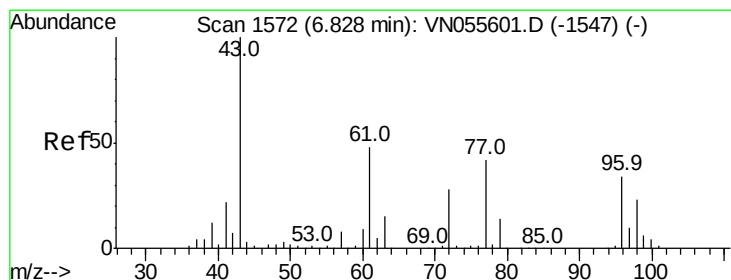
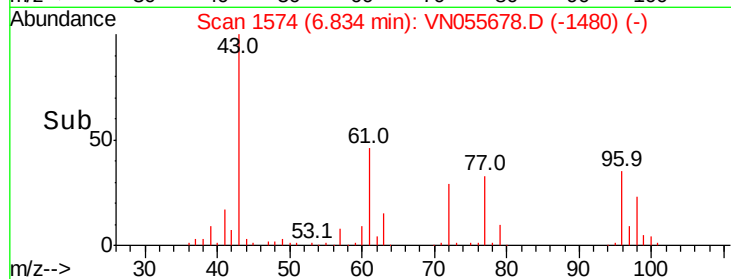
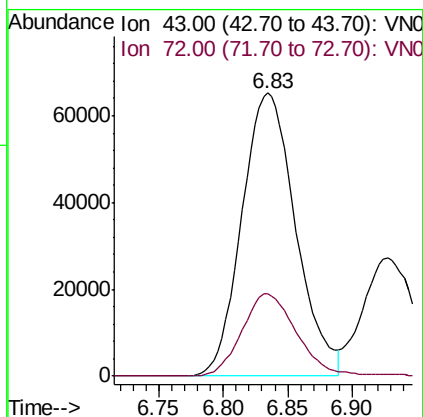
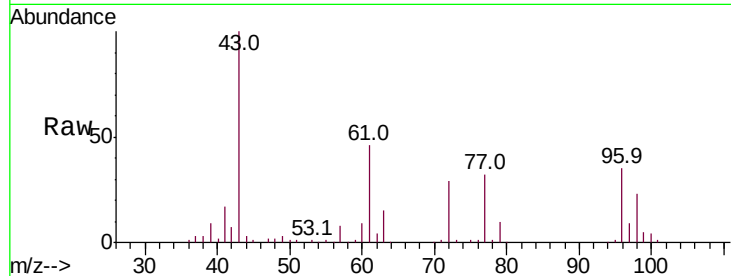






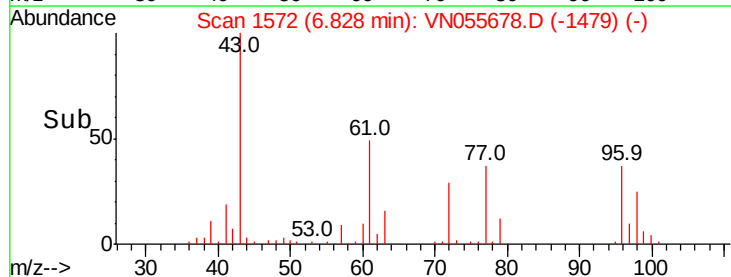
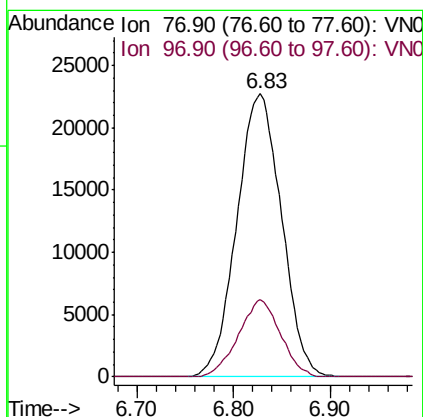
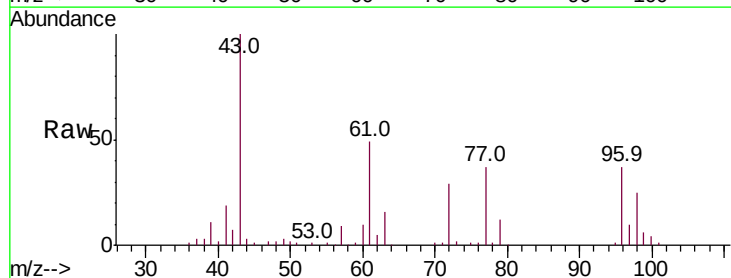
#25  
2-Butanone  
Concen: 91.054 ug/l  
RT: 6.83 min Scan# 1574  
Delta R.T. 0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

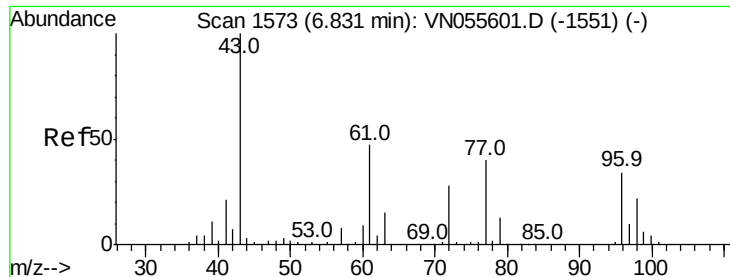
Tot Ion: 43 Resp: 188498  
Ion Ratio Lower Upper  
43 100  
72 29.1 22.3 33.5



#26  
2,2-Dichloropropane  
Concen: 14.512 ug/l  
RT: 6.83 min Scan# 1572  
Delta R.T. -0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

Tgt Ion: 77 Resp: 73020  
Ion Ratio Lower Upper  
77 100  
97 25.6 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 18.327 ug/l

RT: 6.83 min Scan# 1573

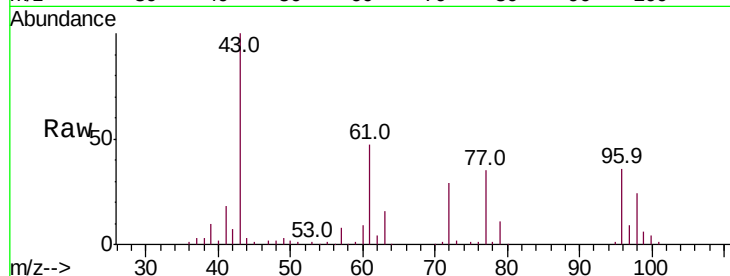
Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tot Ion: 96 Resp: 68714

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 130.0 | 0.0   | 279.0 |
| 98  | 65.2  | 0.0   | 131.6 |

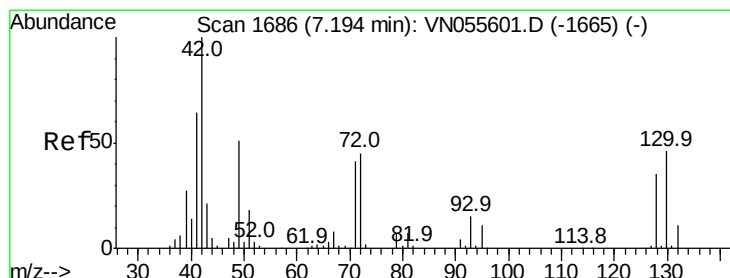
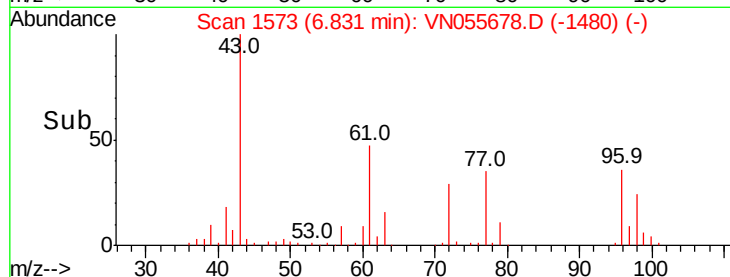
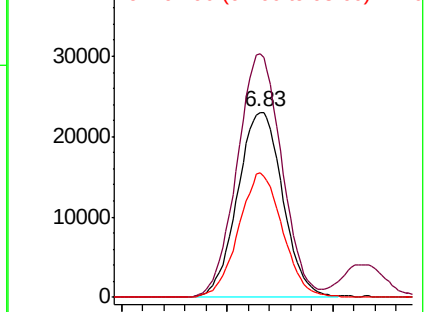


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.714 ug/l

RT: 7.20 min Scan# 1687

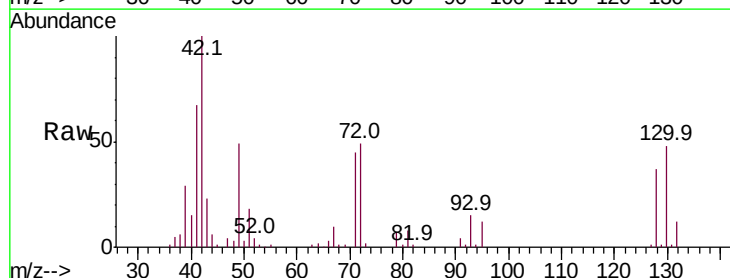
Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tgt Ion: 49 Resp: 46157

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.2   | 0.0   | 4.4   |
| 130 | 97.8  | 71.0  | 106.6 |

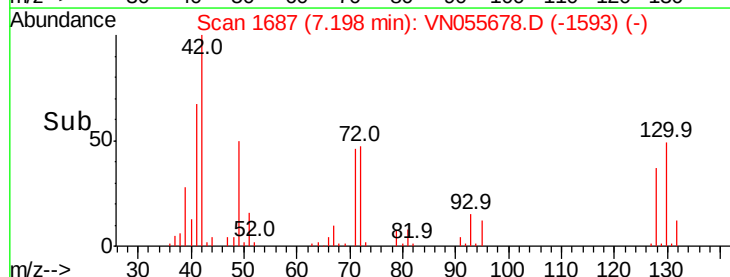
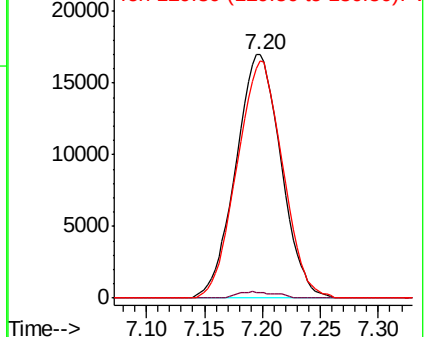


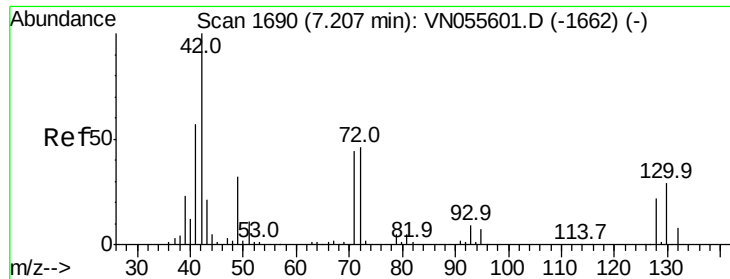
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 93.417 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

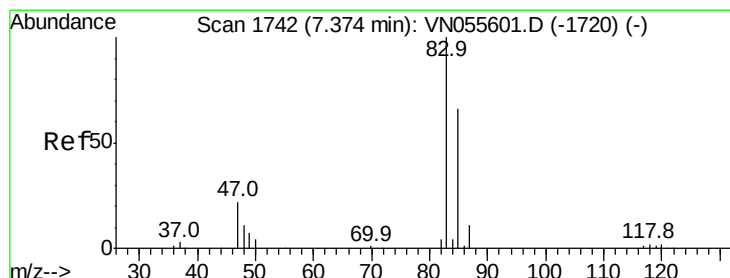
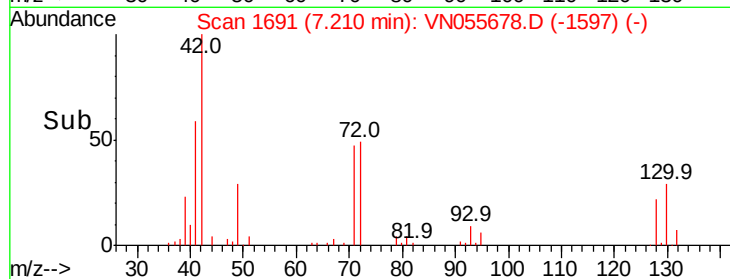
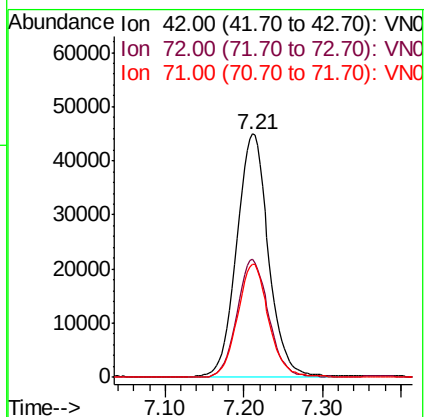
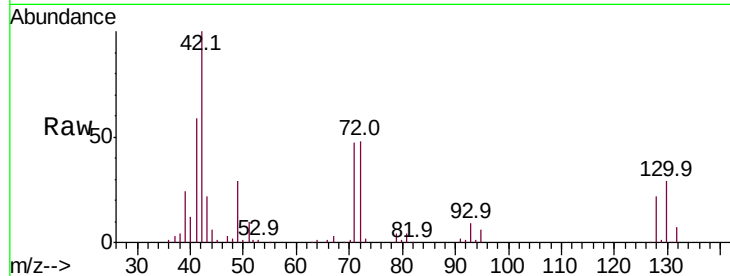
Tot Ion: 42 Resp: 128123

Ion Ratio Lower Upper

42 100

72 47.8 36.5 54.7

71 45.4 34.9 52.3



#30

Chloroform

Concen: 18.349 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN055678.D

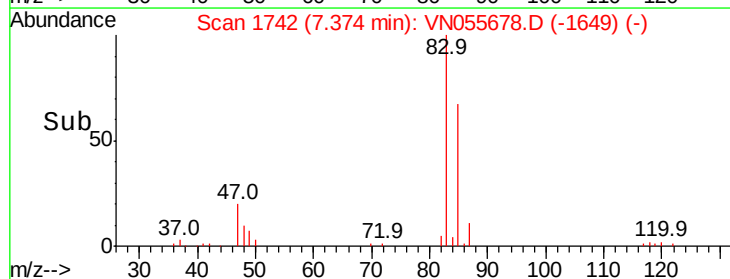
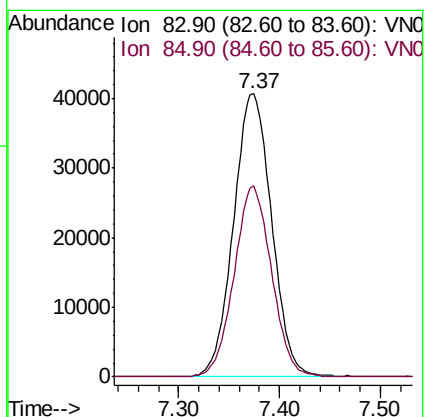
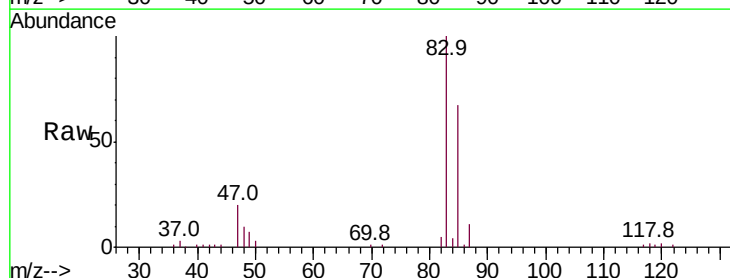
Acq: 20 May 2019 16:52

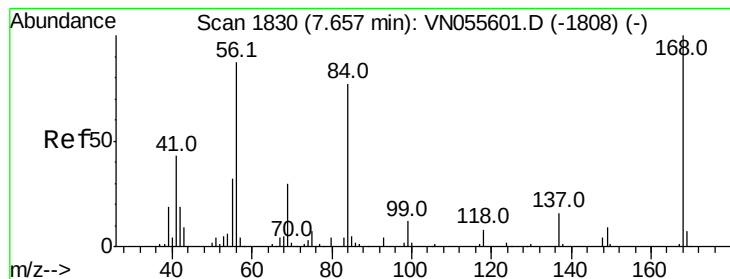
Tgt Ion: 83 Resp: 106781

Ion Ratio Lower Upper

83 100

85 67.3 52.6 78.8





#31

Cyclohexane

Concen: 17.465 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

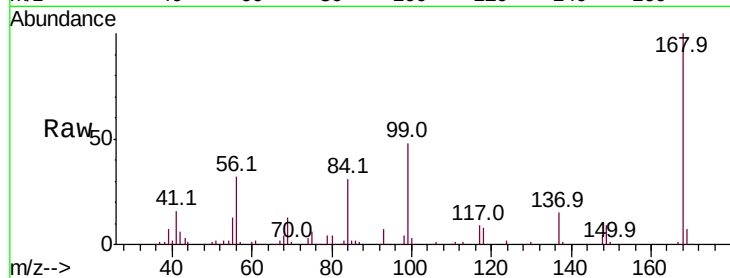
Tot Ion: 56 Resp: 93975

Ion Ratio Lower Upper

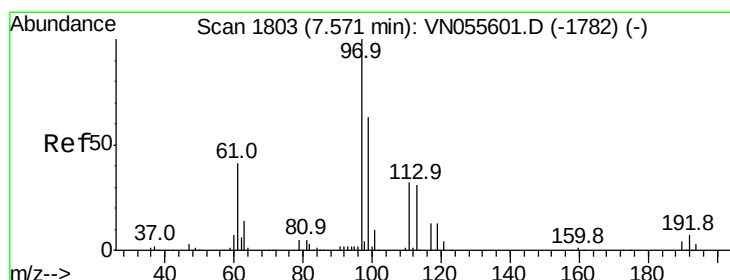
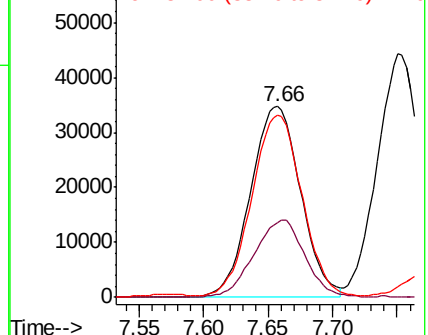
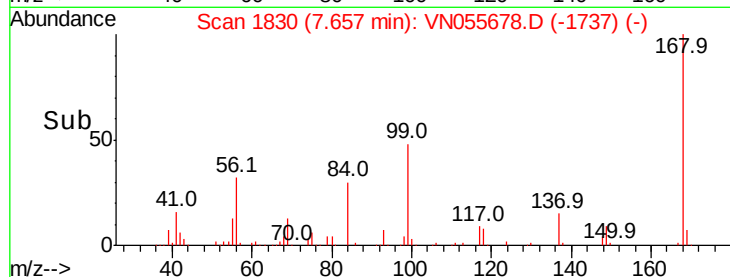
56 100

69 39.3 27.2 40.8

84 94.8 71.3 106.9



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



#32

1,1,1-Trichloroethane

Concen: 18.219 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

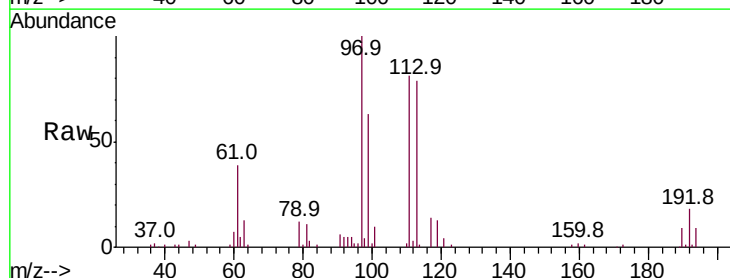
Tgt Ion: 97 Resp: 95097

Ion Ratio Lower Upper

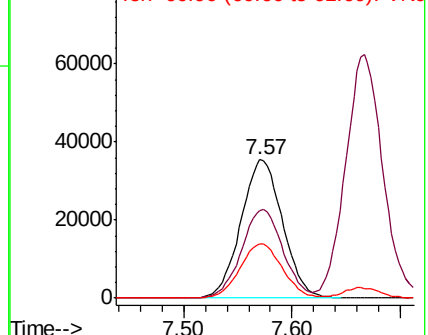
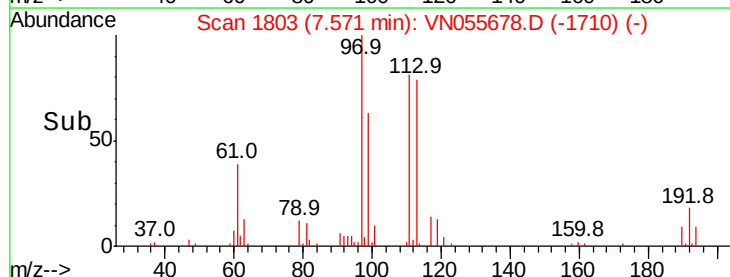
97 100

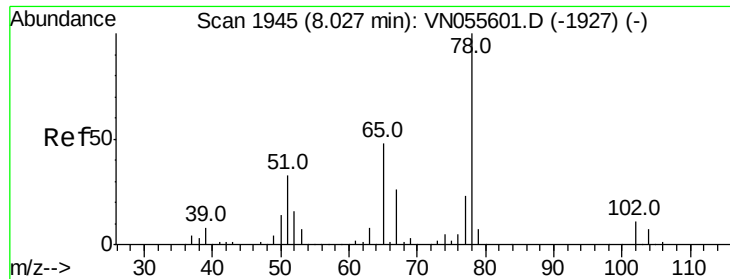
99 63.7 51.4 77.2

61 39.5 32.9 49.3



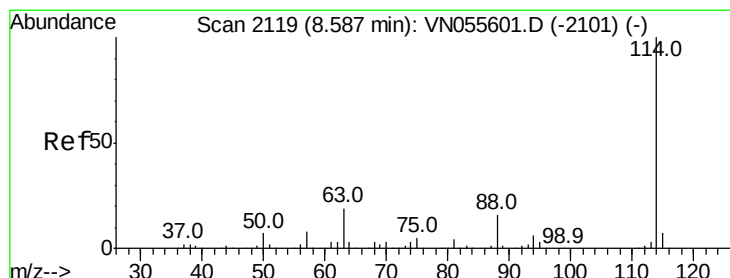
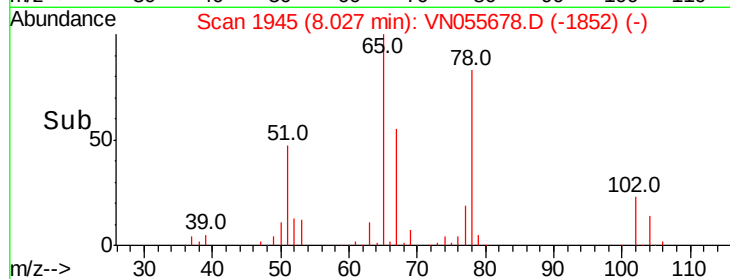
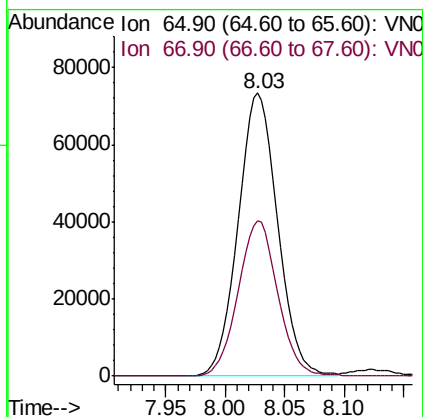
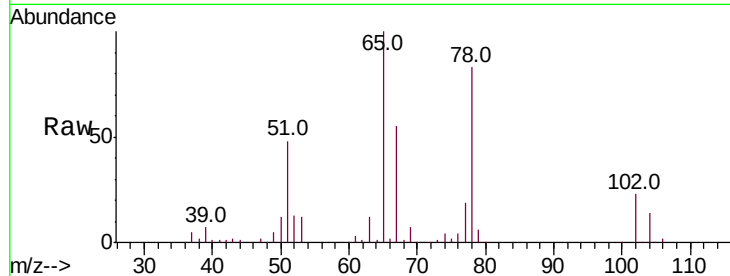
Abundance Ion 96.90 (96.60 to 97.60): VN0  
Ion 98.90 (98.60 to 99.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0





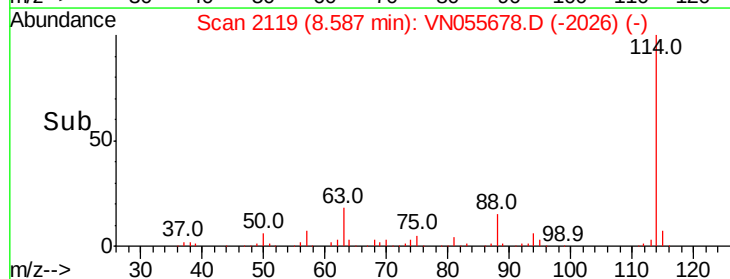
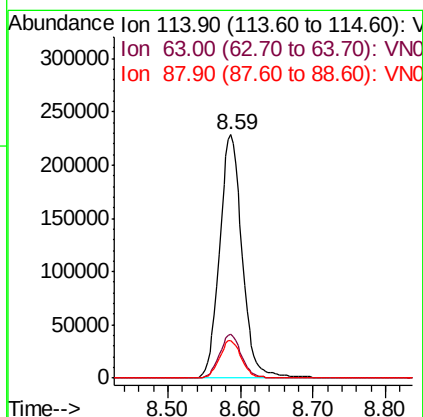
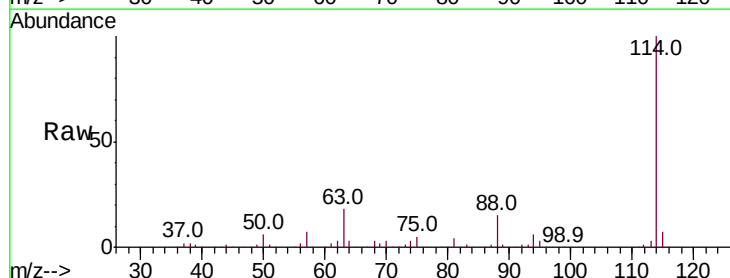
#33  
 1,2-Dichloroethane-d4  
 Concen: 46.609 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN055678.D  
 Acq: 20 May 2019 16:52

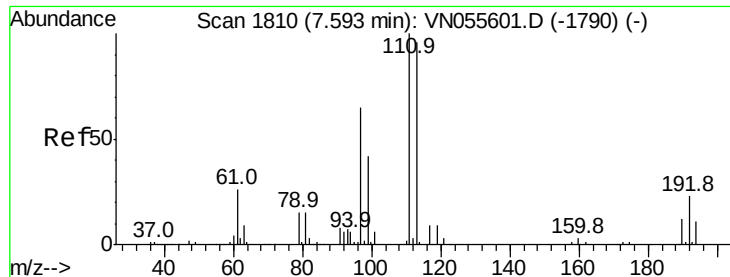
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 54.9  | 0.0   | 108.6 |



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN055678.D  
 Acq: 20 May 2019 16:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 17.9  | 0.0   | 38.2  |
| 88      | 15.2  | 0.0   | 31.0  |





#35

Dibromofluoromethane

Concen: 49.974 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

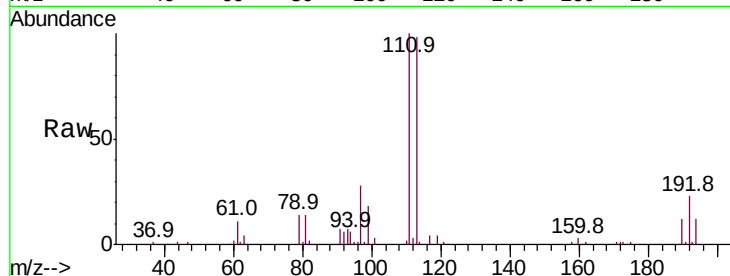
Tot Ion:113 Resp: 156390

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 103.6 | 82.5  | 123.7 |
| 192 | 24.4  | 18.7  | 28.1  |

113 100

111 103.6 82.5 123.7

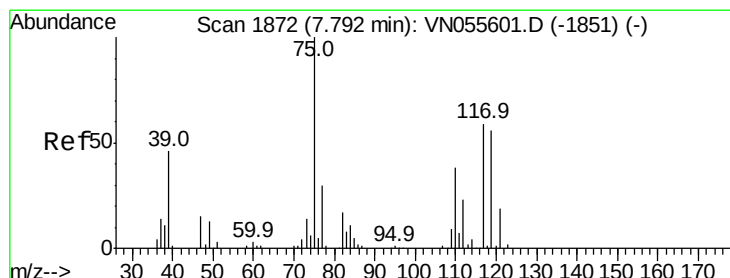
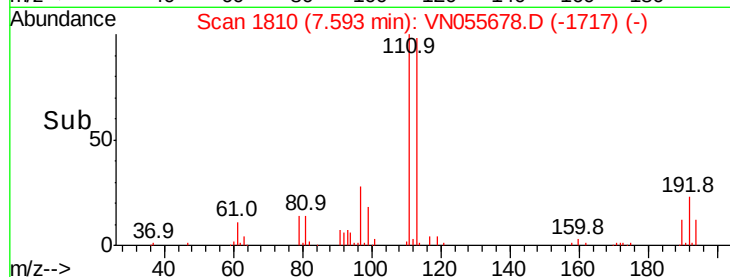
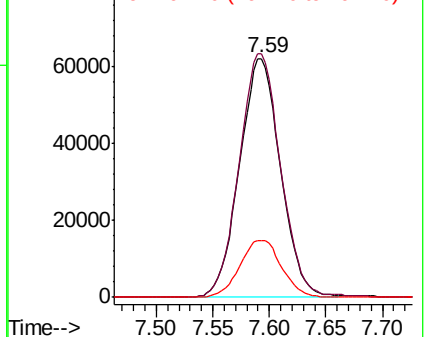
192 24.4 18.7 28.1



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: 17.629 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

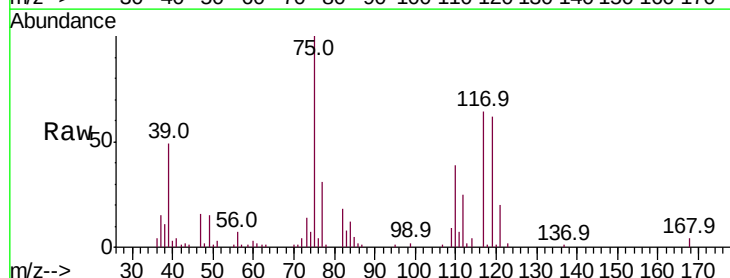
Tgt Ion: 75 Resp: 77430

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 38.8  | 18.6  | 55.6  |
| 77  | 31.0  | 24.9  | 37.3  |

75 100

110 38.8 18.6 55.6

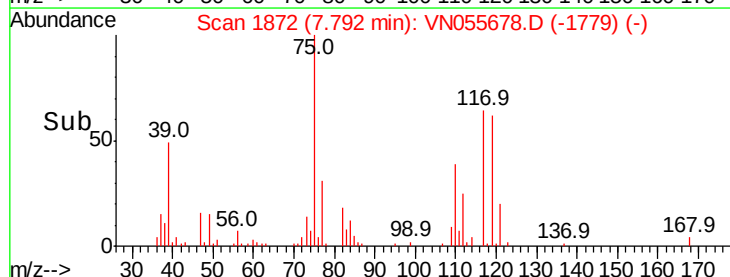
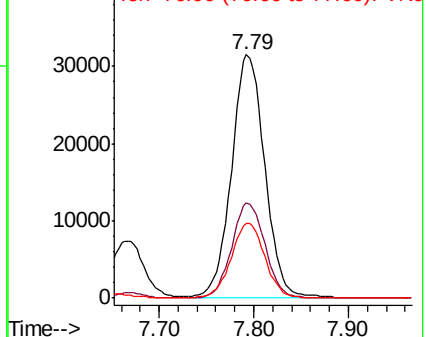
77 31.0 24.9 37.3

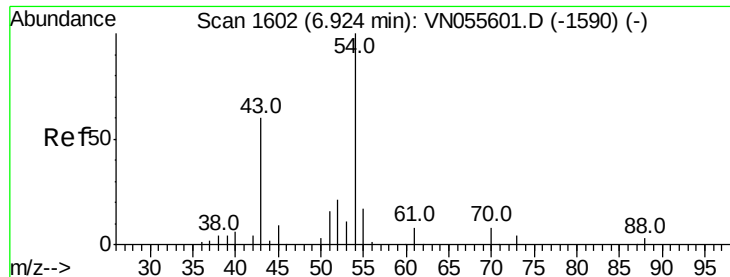


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 19.859 ug/l

RT: 6.93 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

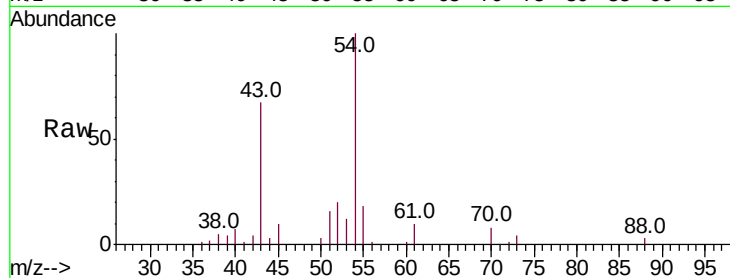
Tot Ion: 43 Resp: 78710

Ion Ratio Lower Upper

43 100

61 15.4 11.4 17.0

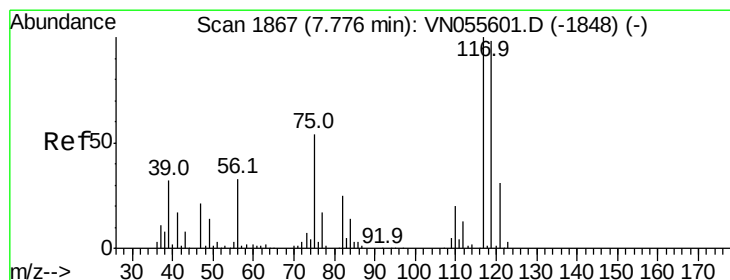
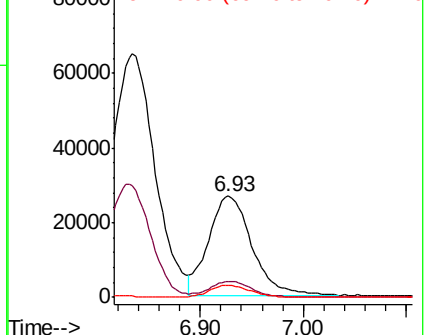
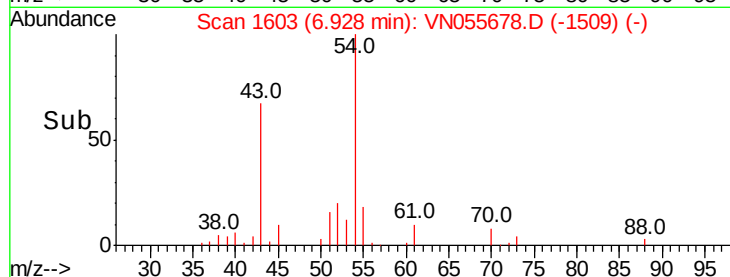
70 11.4 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1590) (-)

Ion 60.90 (60.60 to 61.60): VN055601.D (-1590) (-)

Ion 70.00 (69.70 to 70.70): VN055601.D (-1590) (-)



#38

Carbon Tetrachloride

Concen: 18.340 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

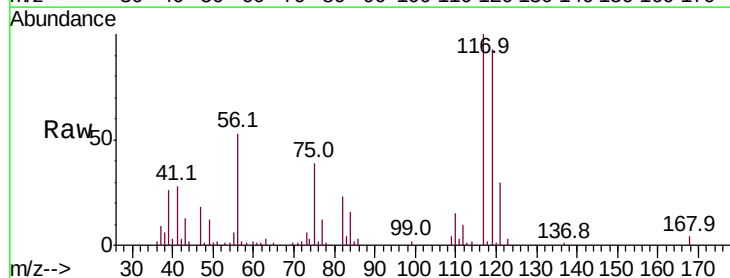
Tgt Ion: 117 Resp: 86075

Ion Ratio Lower Upper

117 100

119 93.2 77.8 116.8

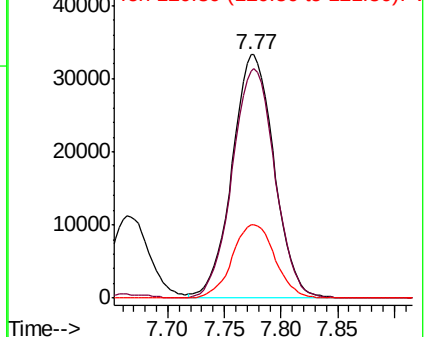
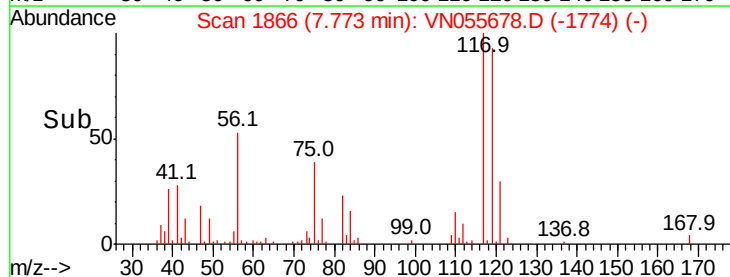
121 30.1 24.6 37.0

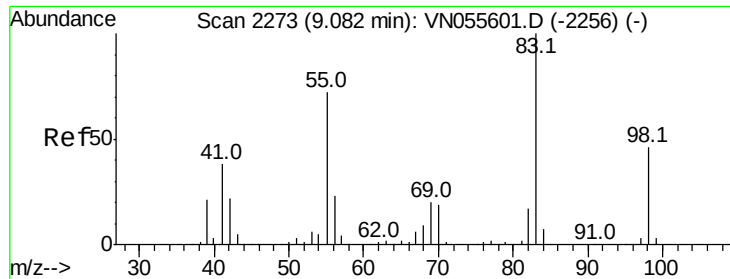


Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-1848) (-)

Ion 118.80 (118.50 to 119.50): VN055601.D (-1848) (-)

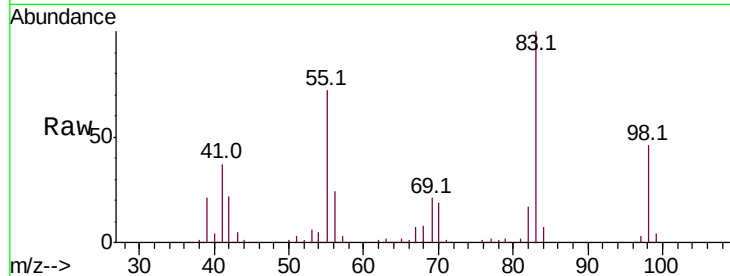
Ion 120.80 (120.50 to 121.50): VN055601.D (-1848) (-)



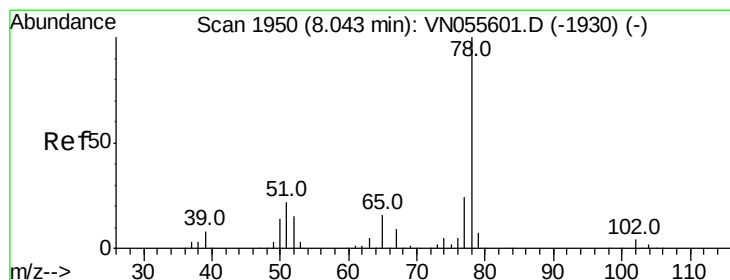
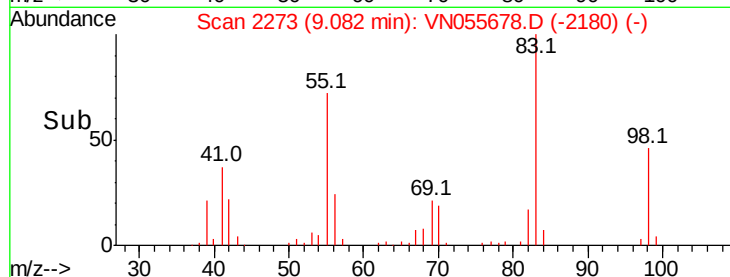
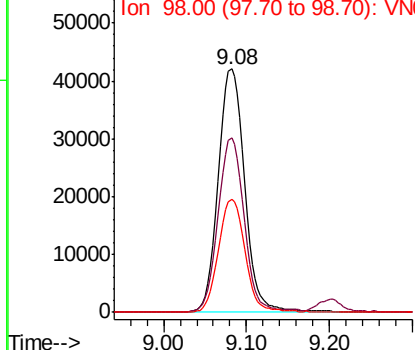


#39  
Methylvlcyclohexane  
Concen: 17.584 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. -0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

Tot Ion: 83 Resp: 93103  
Ion Ratio Lower Upper  
83 100  
55 71.8 57.8 86.6  
98 46.3 36.7 55.1

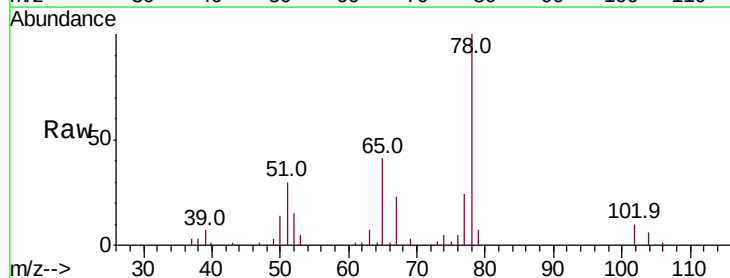


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

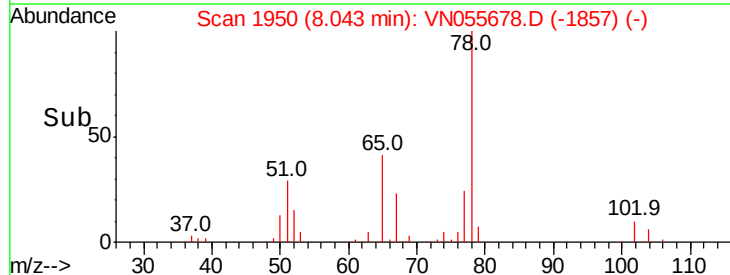
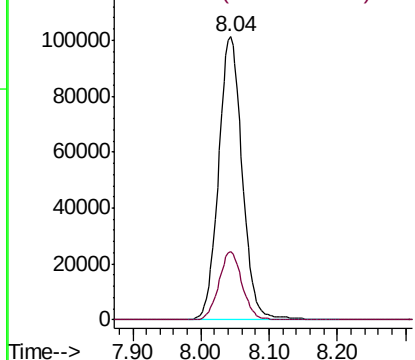


#40  
Benzene  
Concen: 18.866 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. -0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

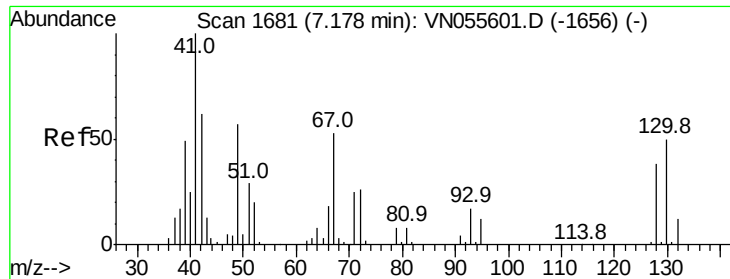
Tgt Ion: 78 Resp: 243724  
Ion Ratio Lower Upper  
78 100  
77 24.0 18.9 28.3



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

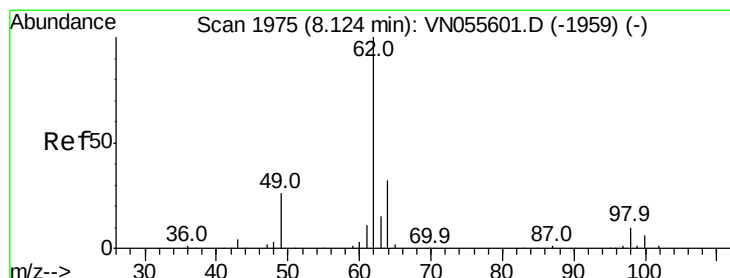
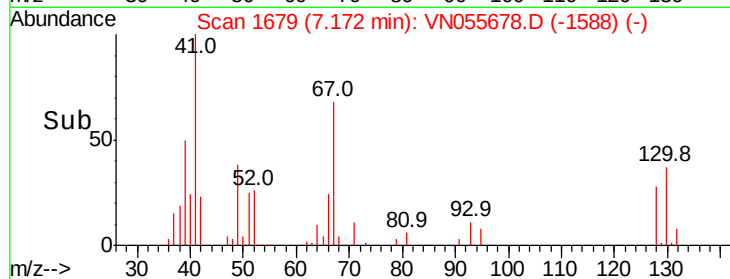
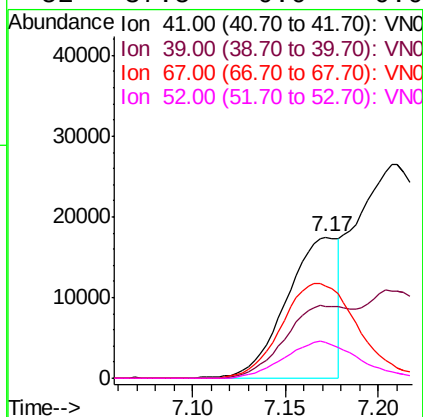
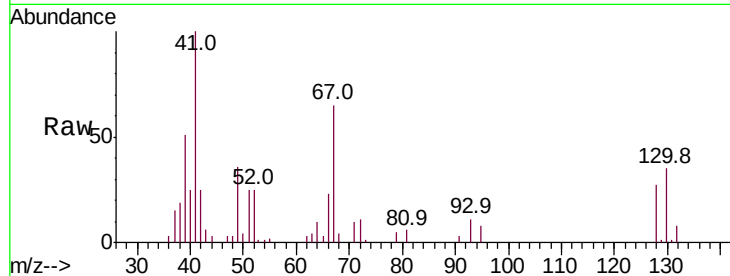






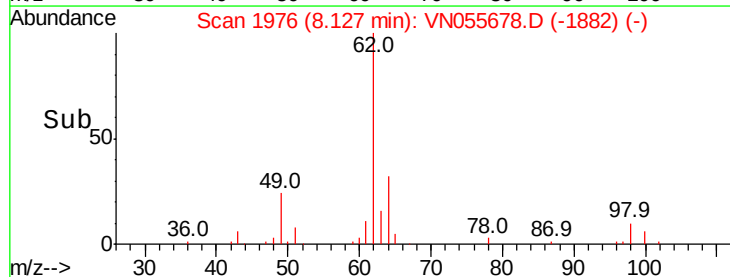
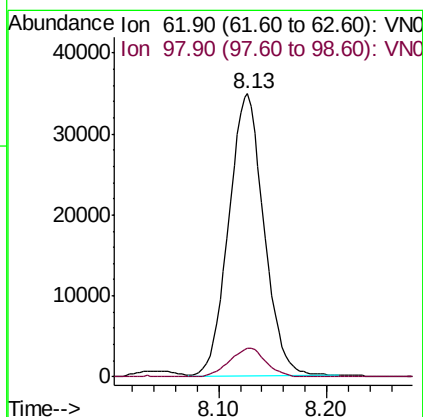
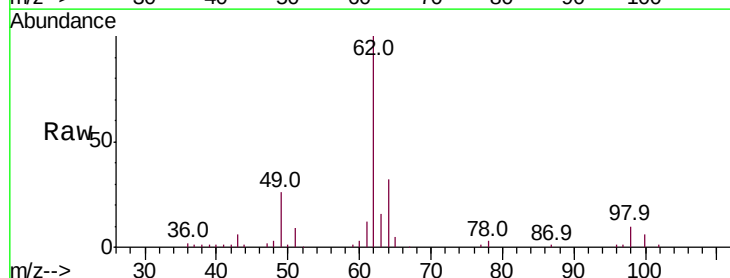
#41  
Methacrylonitrile  
Concen: 20.026 ug/l  
RT: 7.17 min Scan# 1679  
Delta R.T. -0.01 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

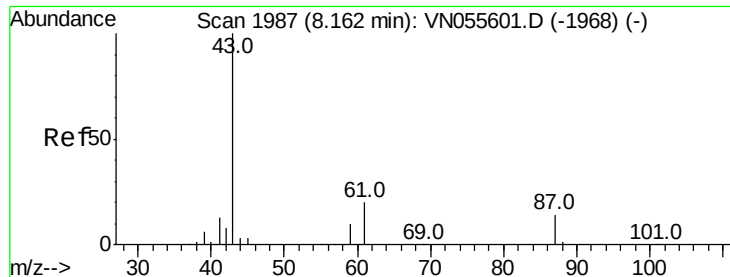
| Tot Ion: | 41    | Resp: | 33934 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 67.1  | 0.0   | 0.0#  |
| 67       | 100.1 | 0.0   | 0.0#  |
| 52       | 37.5  | 0.0   | 0.0#  |



#42  
1,2-Dichloroethane  
Concen: 18.965 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

| Tgt Ion: | 62    | Resp: | 79334 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.4  | 0.0   | 20.2  |





#43

Isopropyl Acetate

Concen: 19.980 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

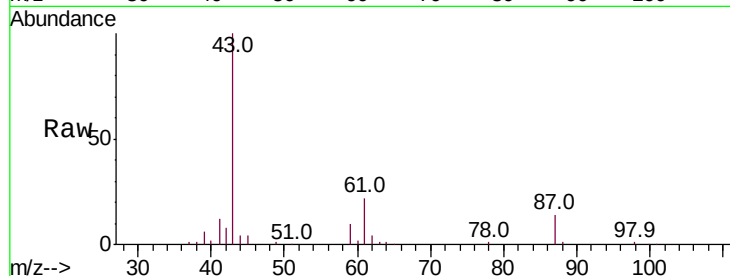
Tot Ion: 43 Resp: 137749

Ion Ratio Lower Upper

43 100

61 26.9 22.1 33.1

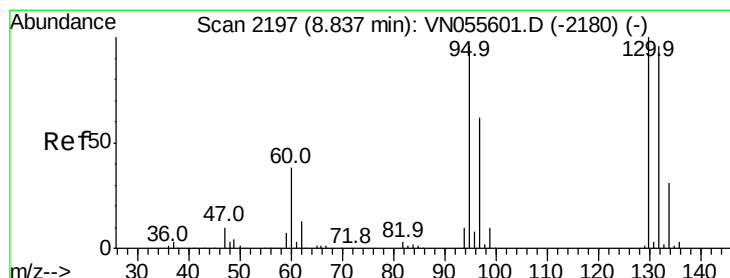
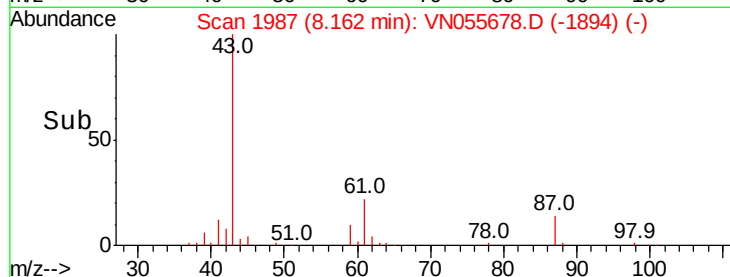
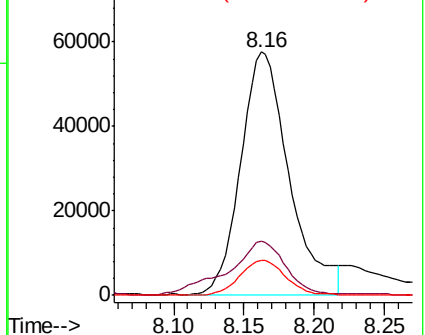
87 13.8 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN055601.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN055601.D (-1968) (-)



#44

Trichloroethene

Concen: 18.879 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN055678.D

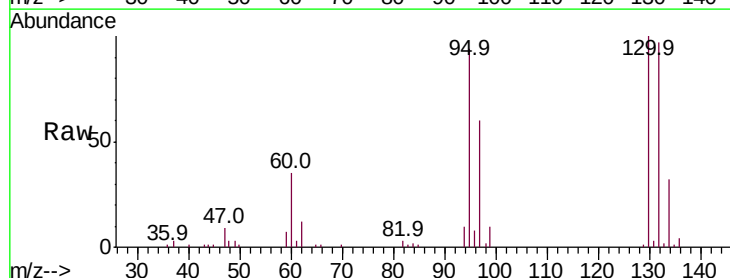
Acq: 20 May 2019 16:52

Tgt Ion:130 Resp: 68821

Ion Ratio Lower Upper

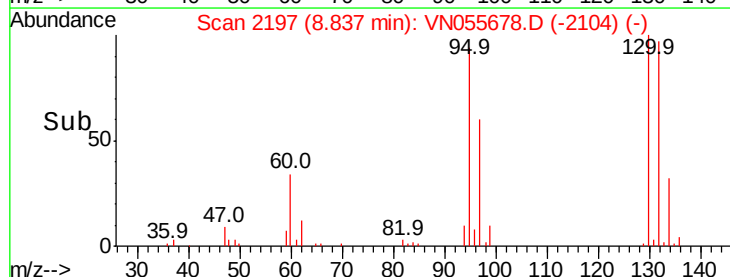
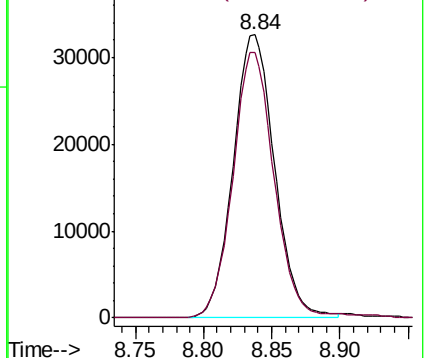
130 100

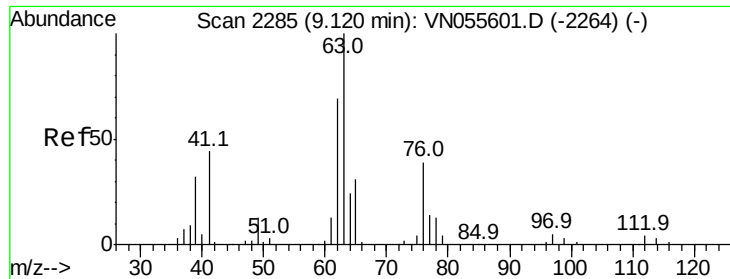
95 93.7 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN055601.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055601.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 18.588 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN055678.D

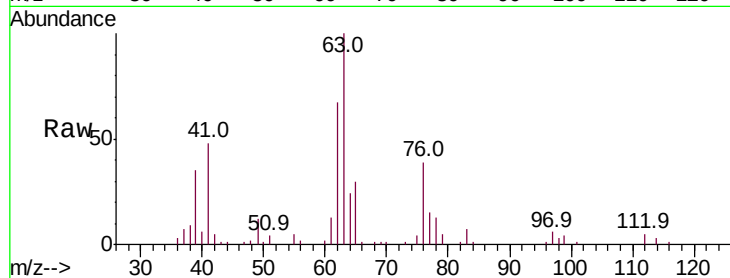
Acq: 20 May 2019 16:52

Tot Ion: 63 Resp: 63261

Ion Ratio Lower Upper

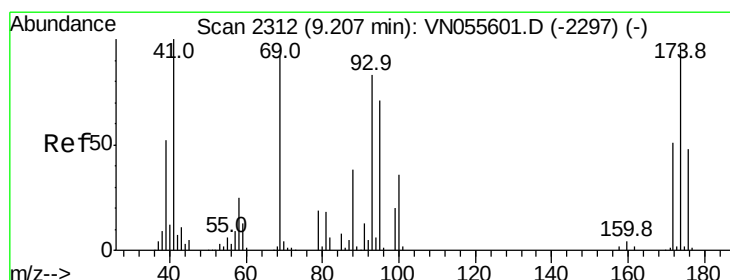
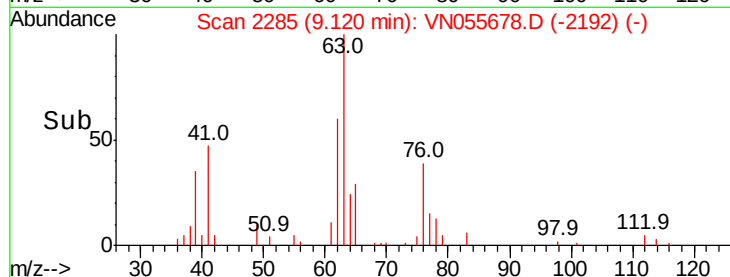
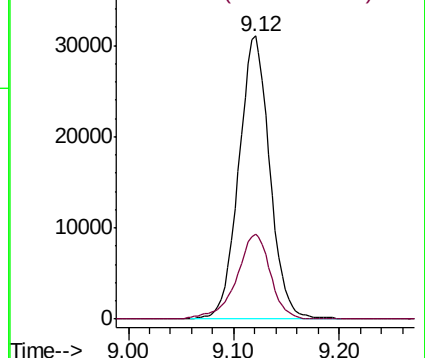
63 100

65 29.9 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.069 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

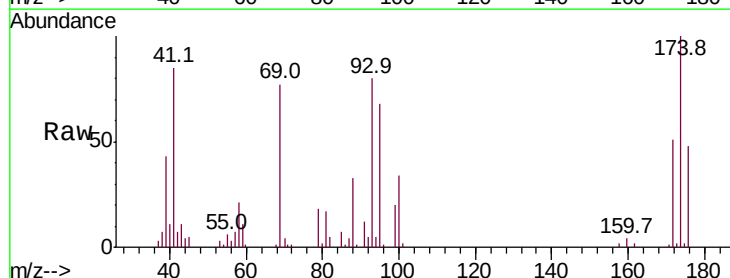
Tgt Ion: 93 Resp: 42475

Ion Ratio Lower Upper

93 100

95 86.3 67.9 101.9

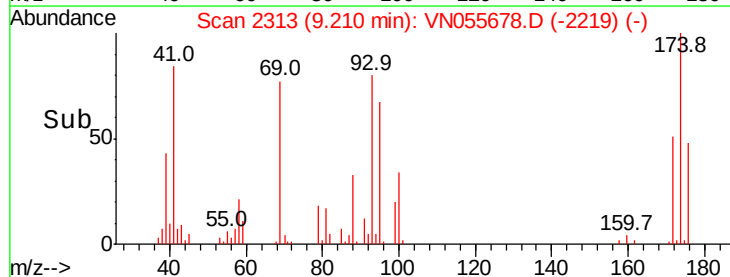
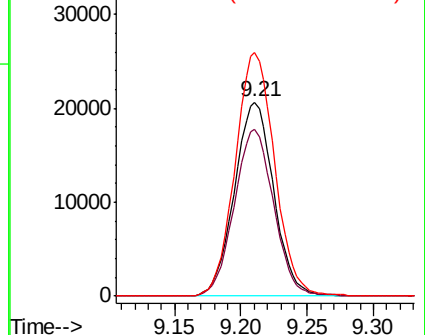
174 126.3 93.8 140.6

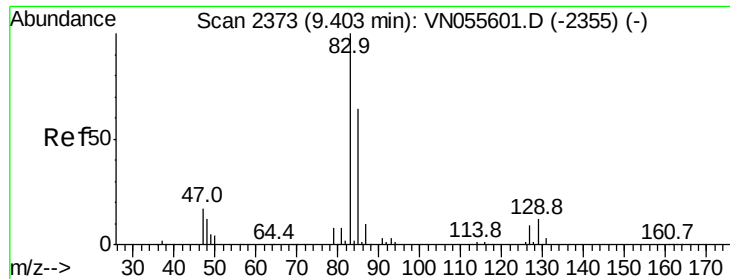


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.453 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

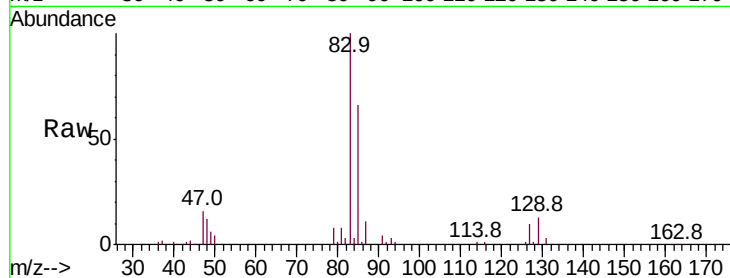
Tot Ion: 83 Resp: 86144

Ion Ratio Lower Upper

83 100

85 66.1 51.4 77.0

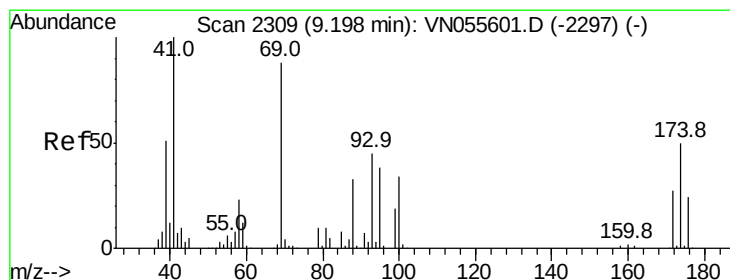
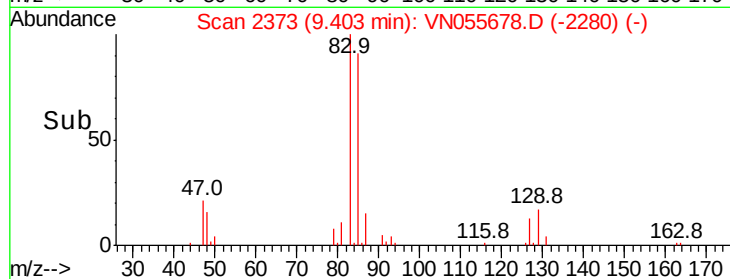
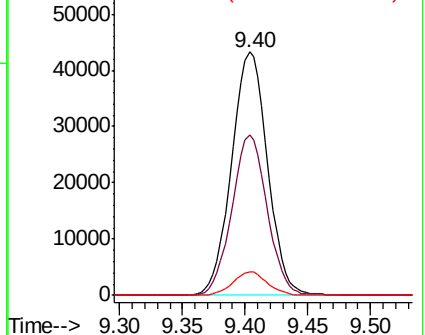
127 9.6 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN055601.D (-2355) (-)

Ion 84.90 (84.60 to 85.60): VN055601.D (-2355) (-)

Ion 126.80 (126.50 to 127.50): VN055601.D (-2355) (-)



#48

Methyl methacrylate

Concen: 19.446 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

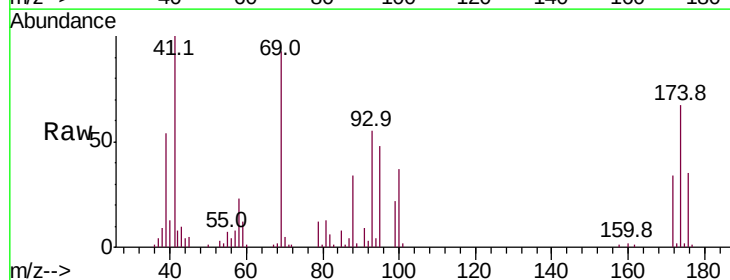
Tgt Ion: 41 Resp: 59922

Ion Ratio Lower Upper

41 100

69 94.0 74.2 111.2

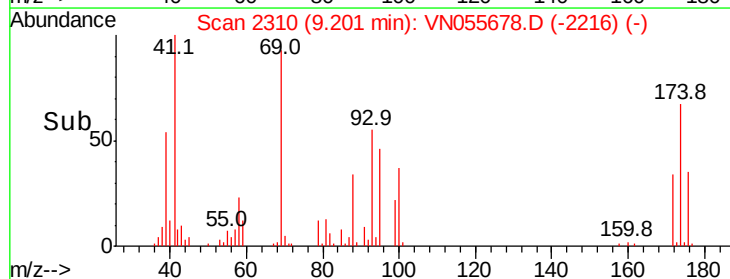
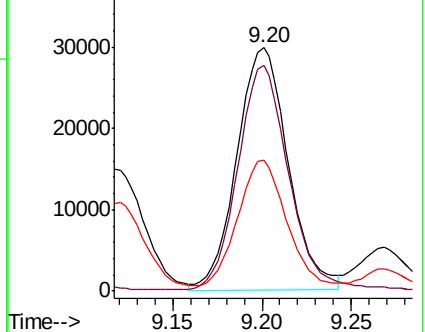
39 53.6 43.8 65.8

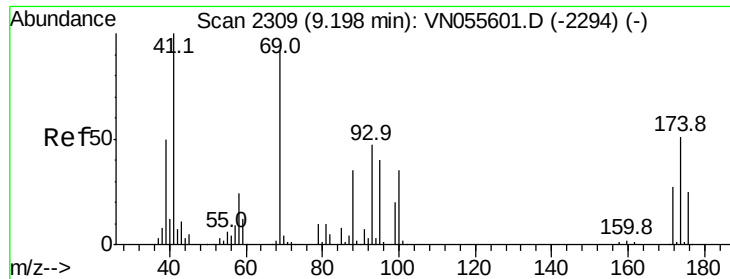


Abundance Ion 41.00 (40.70 to 41.70): VN055601.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055601.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055601.D (-2297) (-)





#49

1,4-Dioxane

Concen: 435.251 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

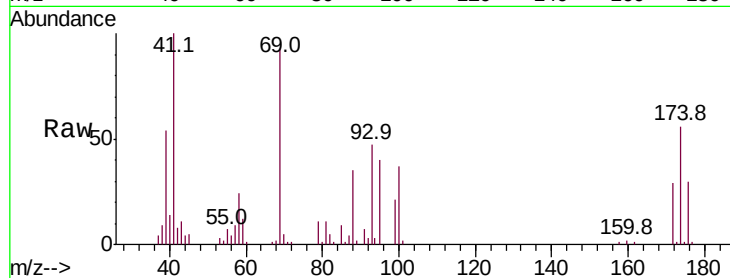
Tot Ion: 88 Resp: 26651

Ion Ratio Lower Upper

88 100

43 23.8 22.4 33.6

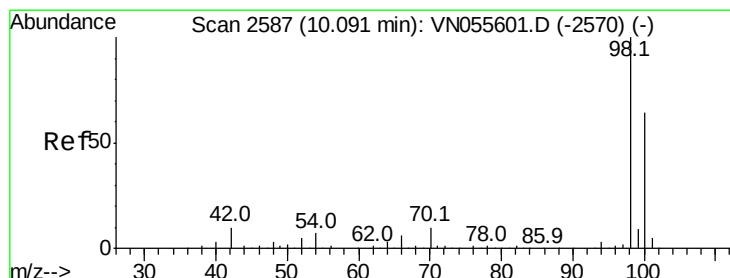
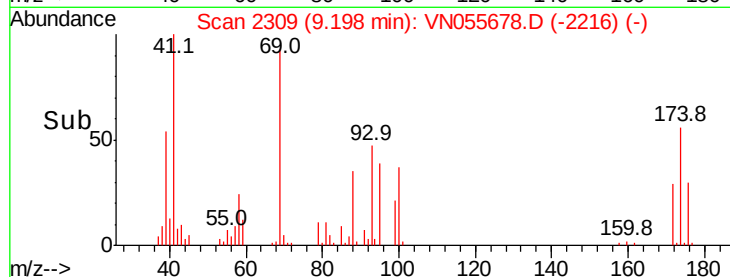
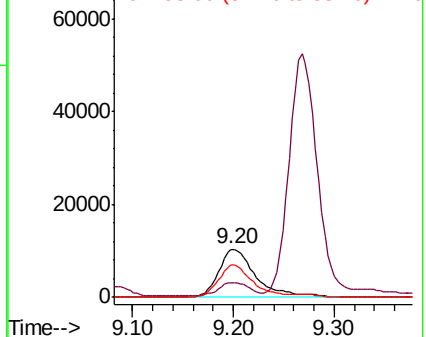
58 66.0 53.4 80.2



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.641 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055678.D

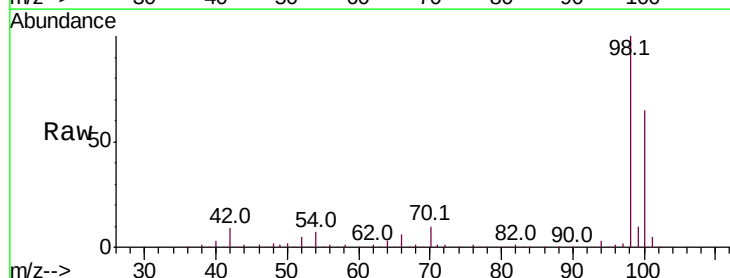
Acq: 20 May 2019 16:52

Tgt Ion: 98 Resp: 575552

Ion Ratio Lower Upper

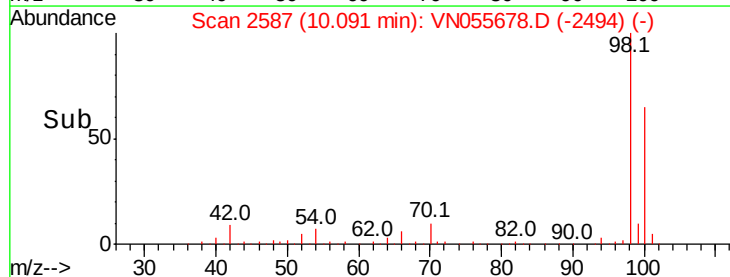
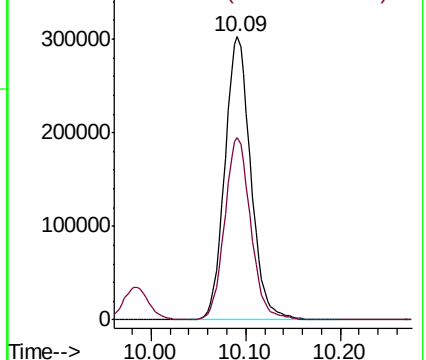
98 100

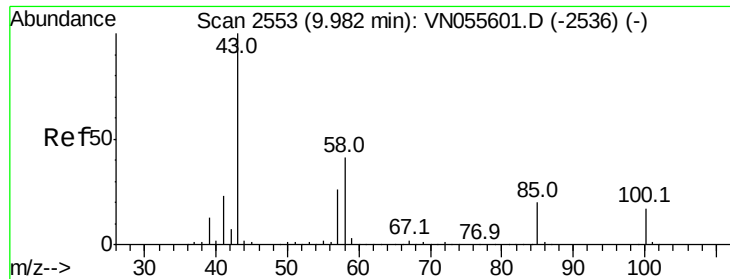
100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 93.373 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055678.D

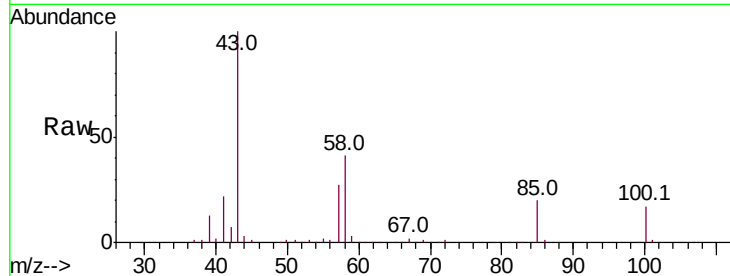
Acq: 20 May 2019 16:52

Tot Ion: 43 Resp: 377603

Ion Ratio Lower Upper

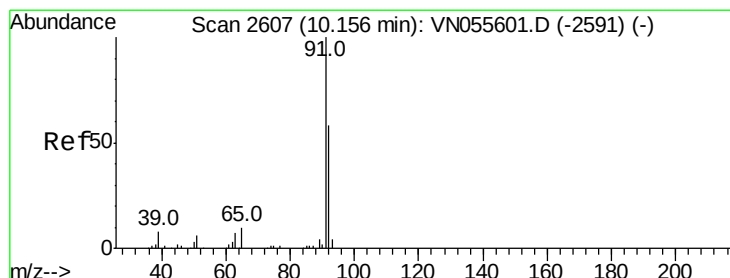
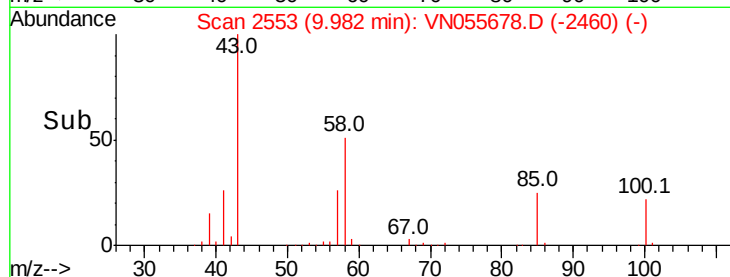
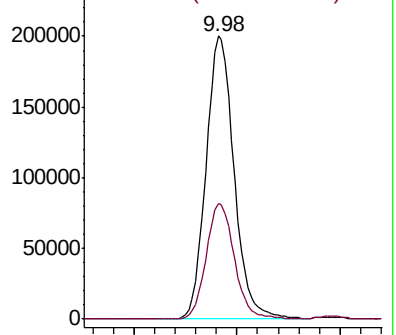
43 100

58 41.5 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.695 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055678.D

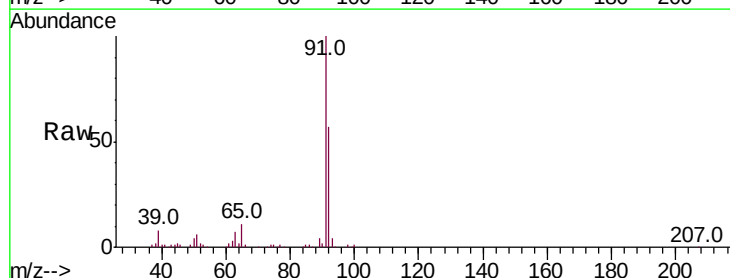
Acq: 20 May 2019 16:52

Tgt Ion: 92 Resp: 151483

Ion Ratio Lower Upper

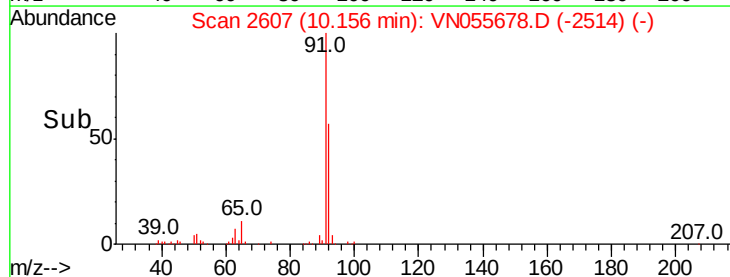
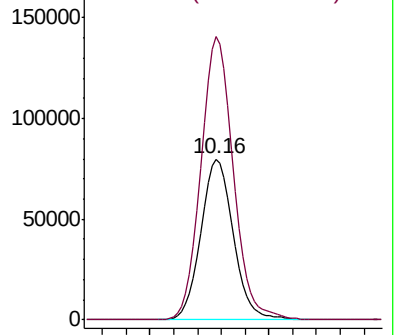
92 100

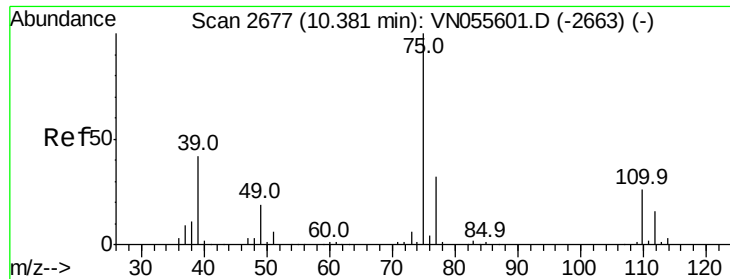
91 175.5 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 17.709 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055678.D

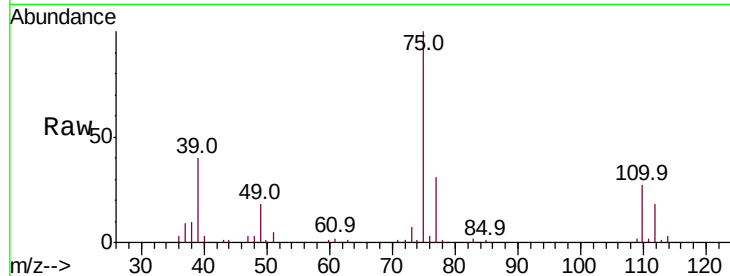
Acq: 20 May 2019 16:52

Tot Ion: 75 Resp: 88981

Ion Ratio Lower Upper

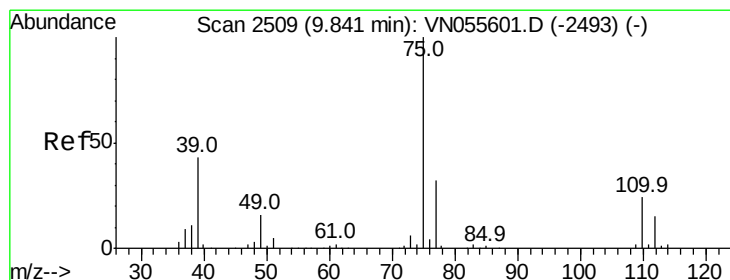
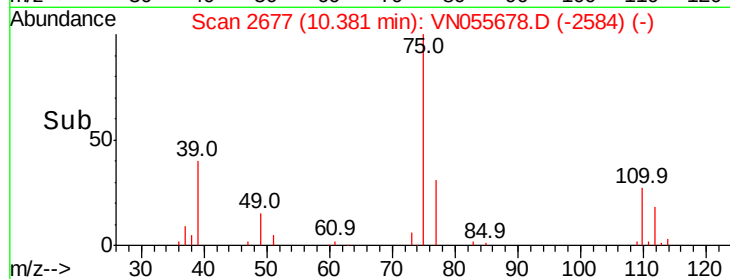
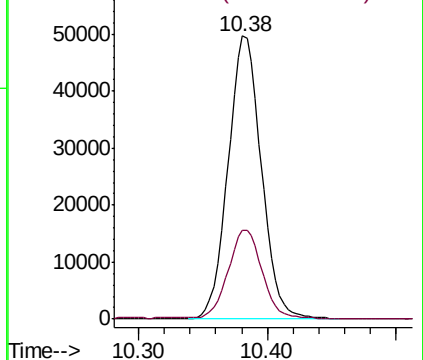
75 100

77 31.2 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.138 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

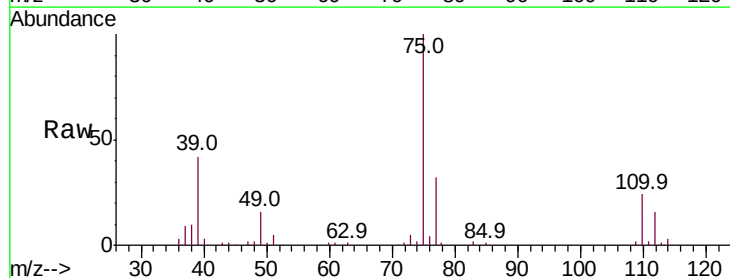
Tgt Ion: 75 Resp: 99838

Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

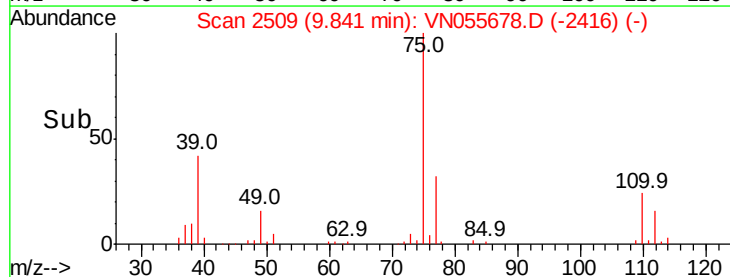
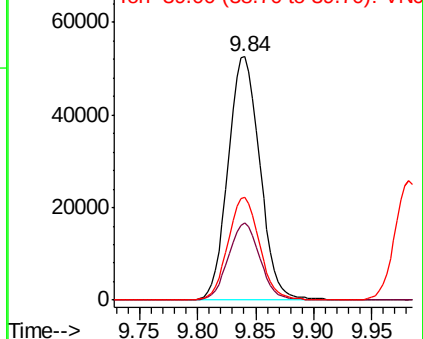
39 42.1 34.7 52.1

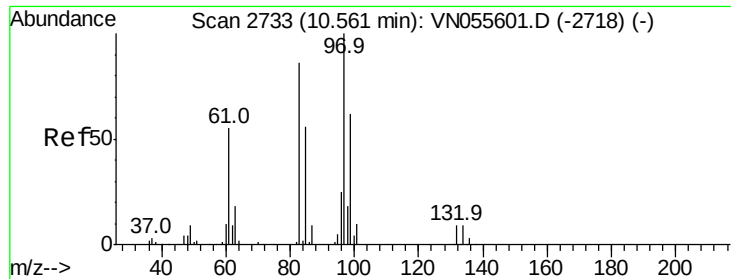


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 18.876 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tot Ion: 97 Resp: 62965

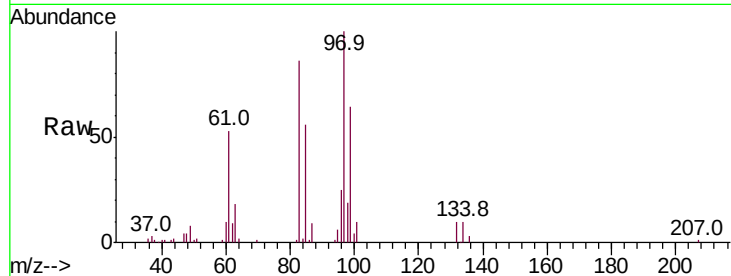
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.2  | 68.4  | 102.6 |
| 85  | 56.4  | 44.8  | 67.2  |
| 99  | 63.7  | 49.9  | 74.9  |

97 100

83 86.2 68.4 102.6

85 56.4 44.8 67.2

99 63.7 49.9 74.9



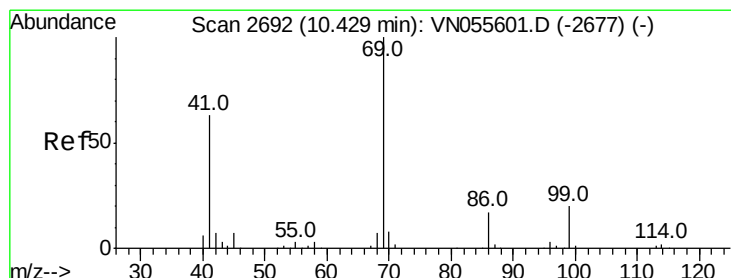
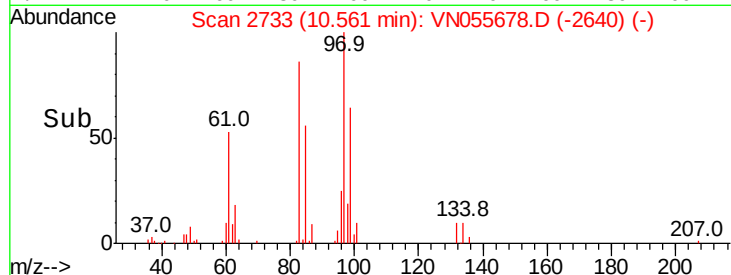
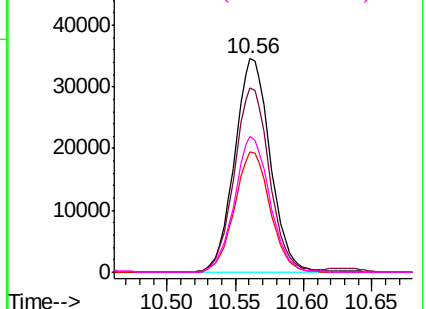
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.434 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

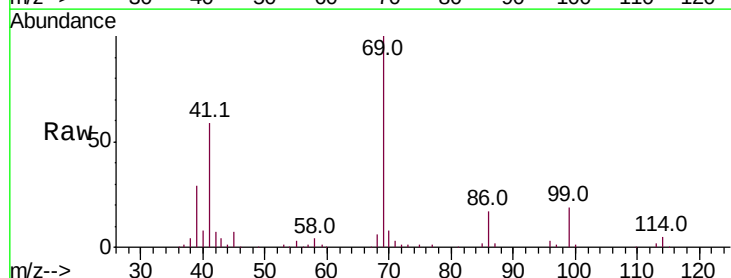
Tgt Ion: 69 Resp: 95989

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 59.6  | 50.3  | 75.5  |
| 39  | 29.9  | 25.4  | 38.2  |

69 100

41 59.6 50.3 75.5

39 29.9 25.4 38.2

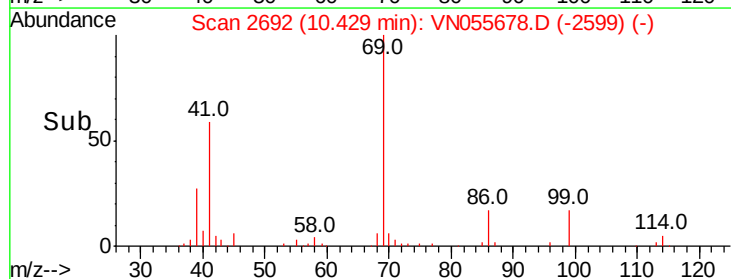
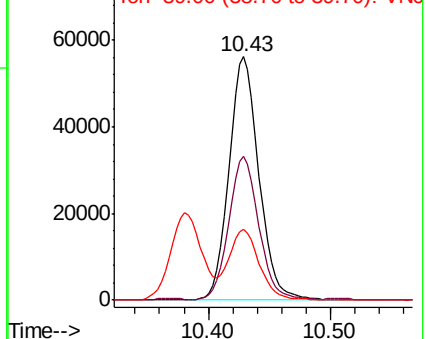


Abundance

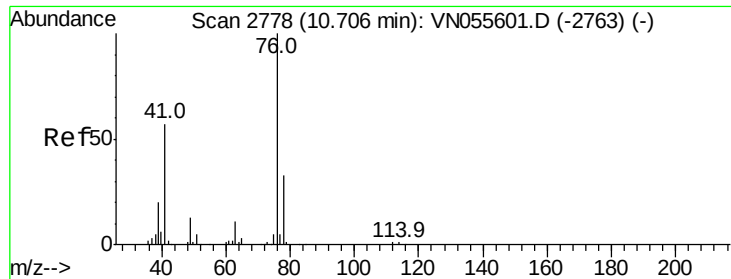
Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0







#57

1,3-Dichloropropane

Concen: 18.887 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055678.D

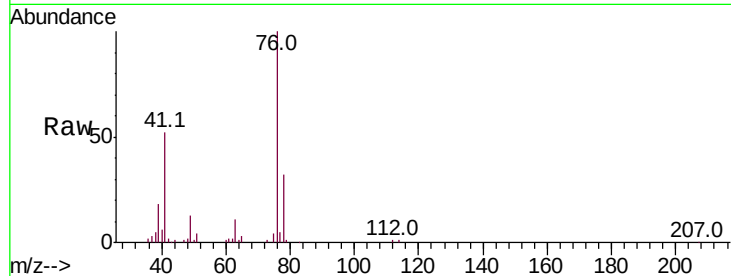
Acq: 20 May 2019 16:52

Tot Ion: 76 Resp: 99783

Ion Ratio Lower Upper

76 100

78 32.5 26.5 39.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

60000

50000

40000

30000

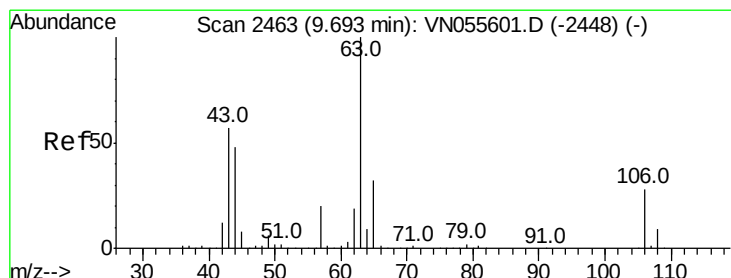
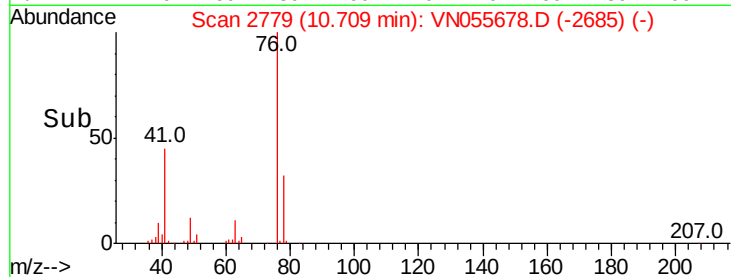
20000

10000

0

10.65 10.70 10.75 10.80

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 87.019 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055678.D

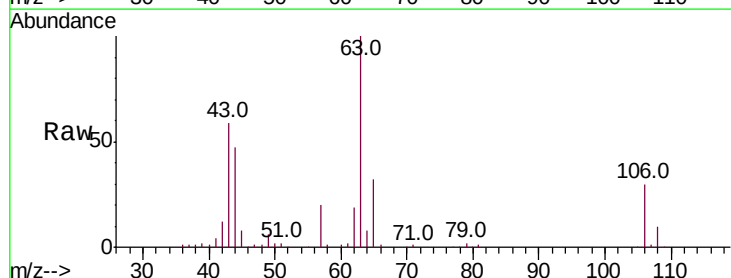
Acq: 20 May 2019 16:52

Tgt Ion: 63 Resp: 192534

Ion Ratio Lower Upper

63 100

106 29.6 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

120000

100000

80000

60000

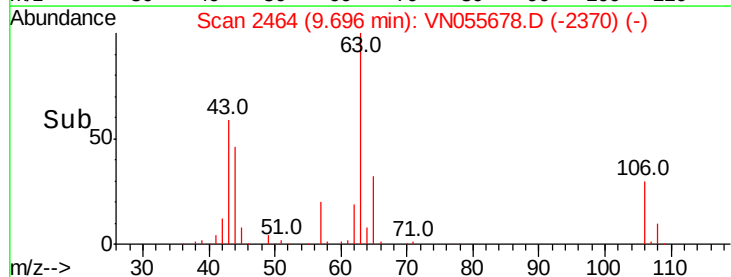
40000

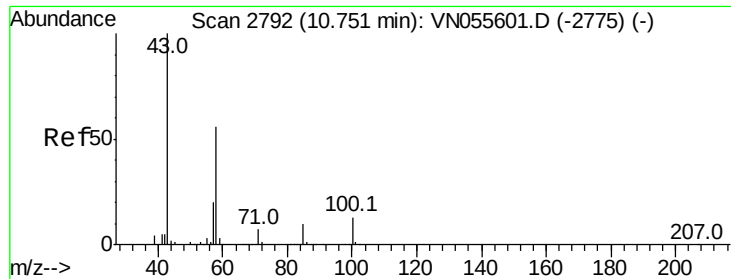
20000

0

9.60 9.70 9.80

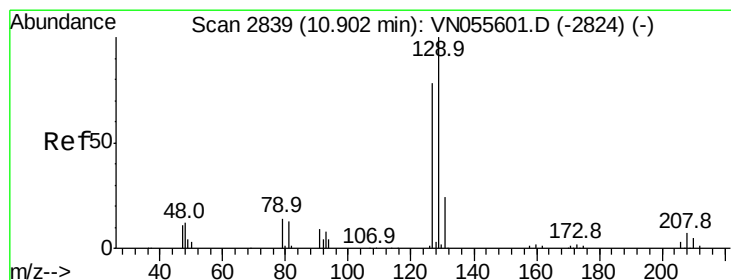
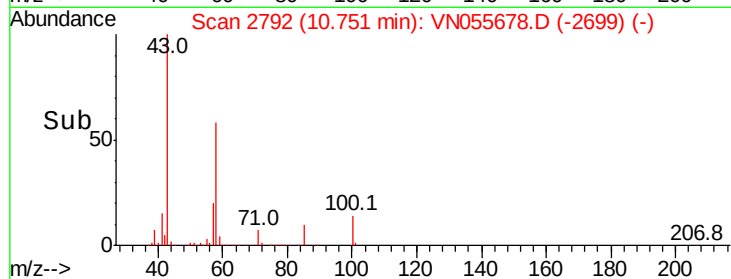
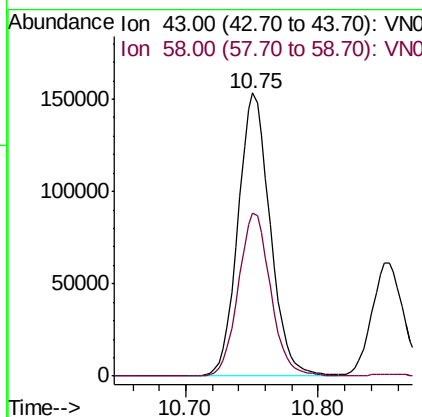
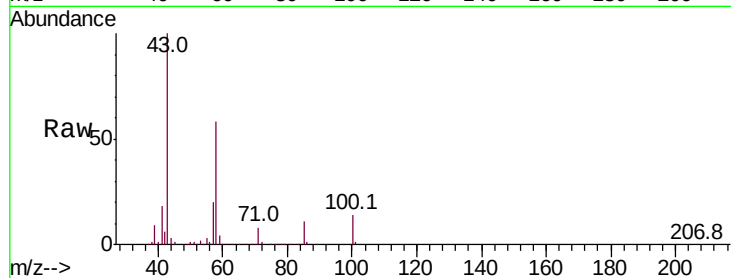
Time-->





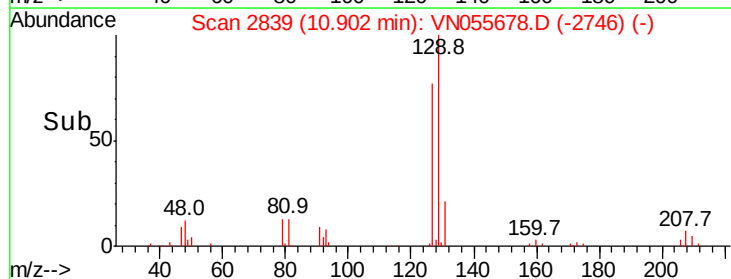
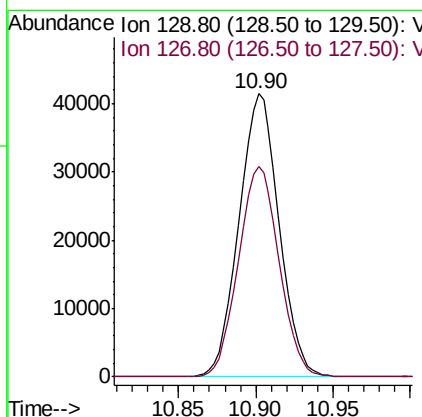
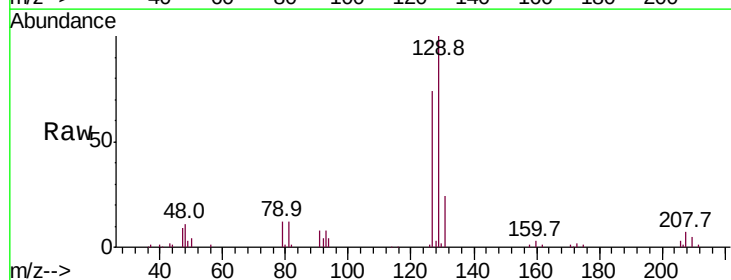
#59  
2-Hexanone  
Concen: 90.307 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. -0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

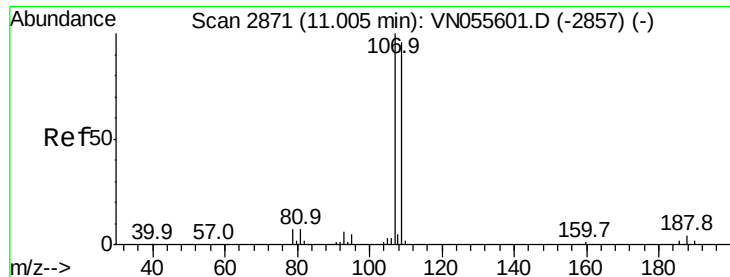
Tot Ion: 43 Resp: 257122  
Ion Ratio Lower Upper  
43 100  
58 58.3 28.1 84.4



#60  
Dibromochloromethane  
Concen: 19.757 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. -0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

Tgt Ion: 129 Resp: 74694  
Ion Ratio Lower Upper  
129 100  
127 75.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.736 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055678.D

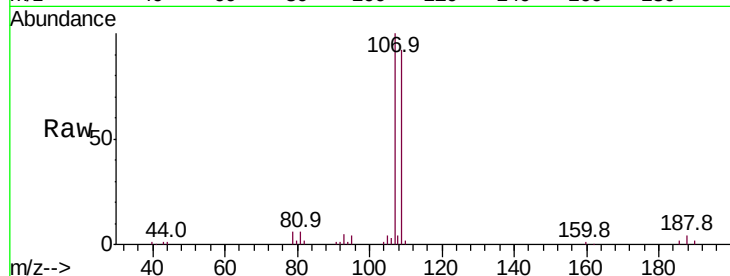
Acq: 20 May 2019 16:52

Tot Ion:107 Resp: 65872

Ion Ratio Lower Upper

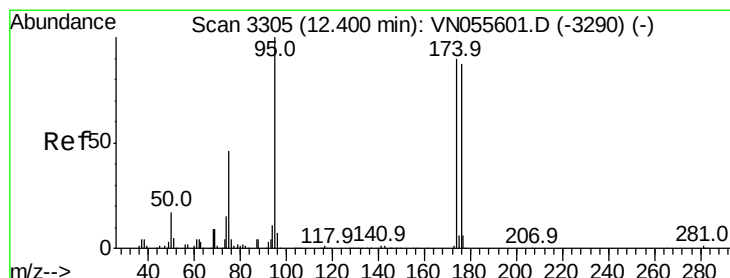
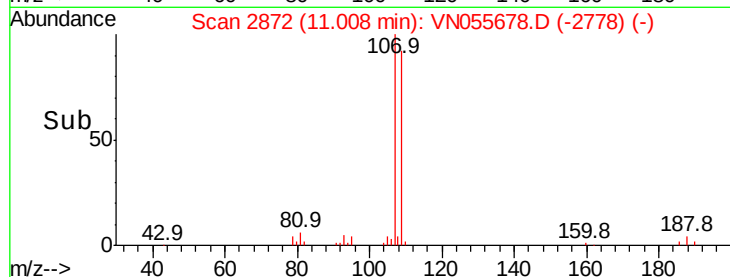
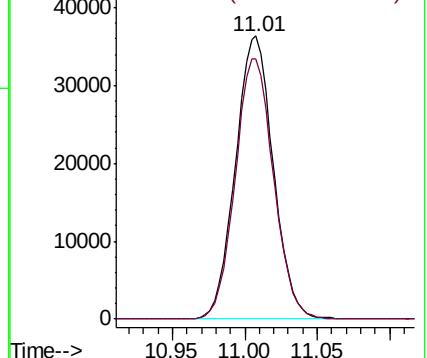
107 100

109 93.2 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.881 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

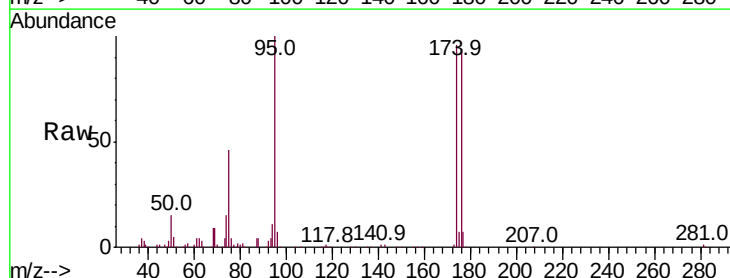
Tgt Ion: 95 Resp: 183384

Ion Ratio Lower Upper

95 100

174 96.9 0.0 180.6

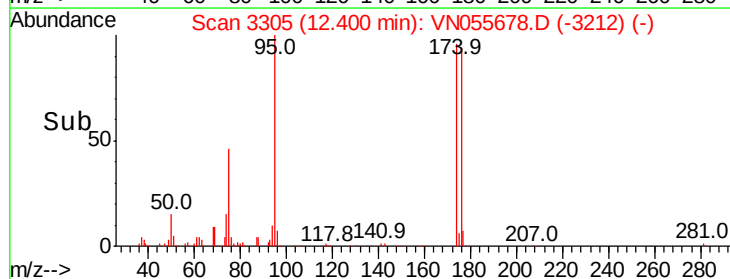
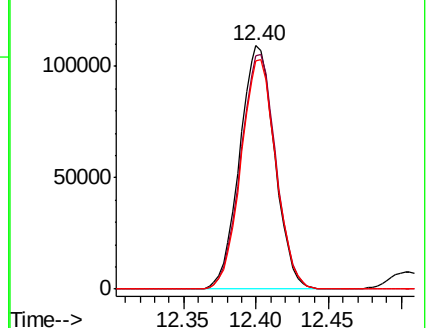
176 94.1 0.0 177.4

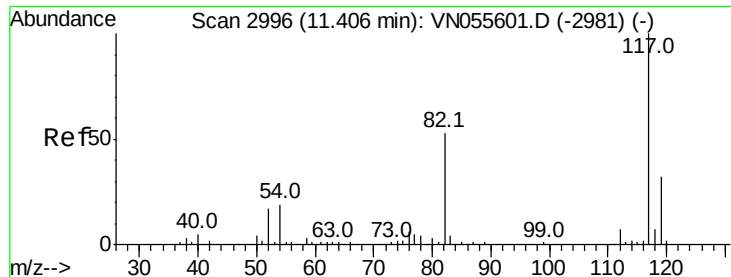


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

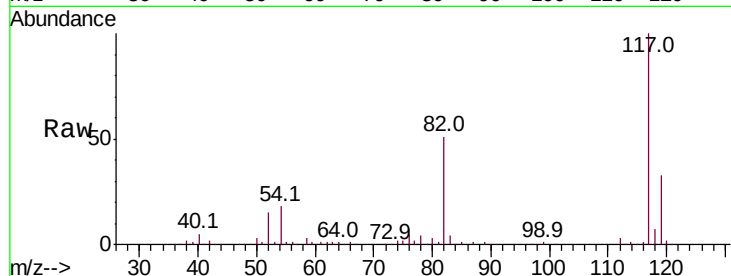
Tot Ion:117 Resp: 416863

Ion Ratio Lower Upper

117 100

82 50.9 42.3 63.5

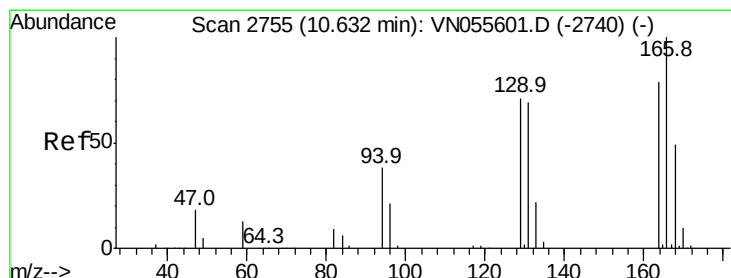
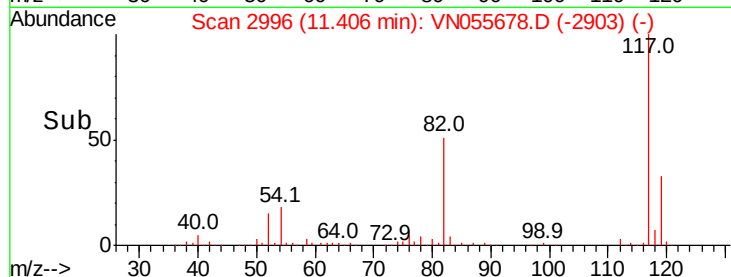
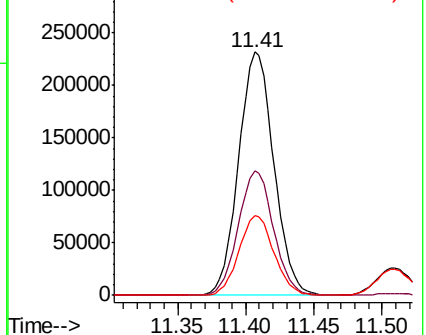
119 32.7 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.488 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tgt Ion:164 Resp: 67362

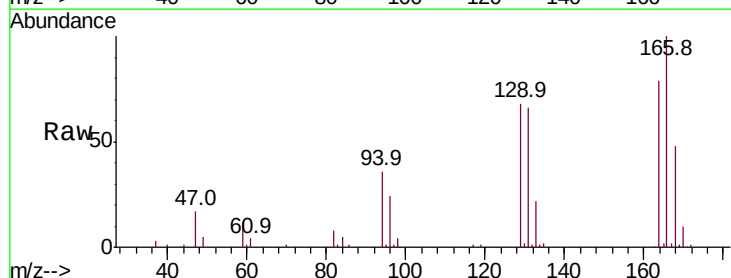
Ion Ratio Lower Upper

164 100

166 126.4 101.0 151.6

129 85.7 71.7 107.5

131 83.0 69.6 104.4

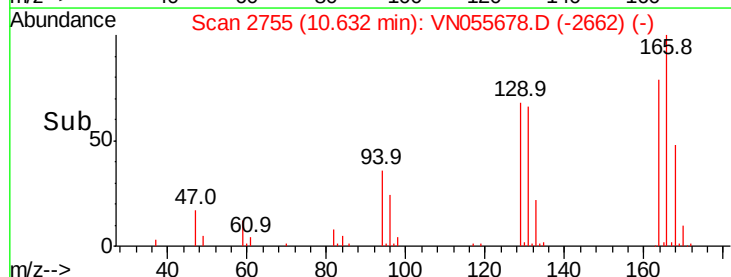
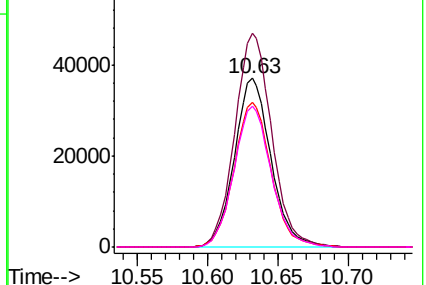


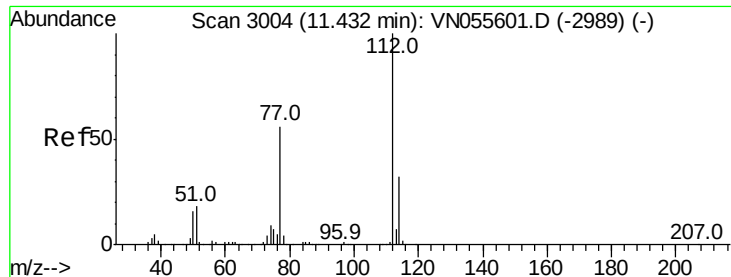
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.227 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN055678.D

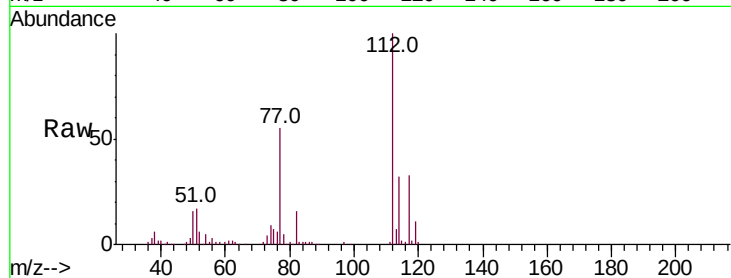
Acq: 20 May 2019 16:52

Tot Ion:112 Resp: 162114

Ion Ratio Lower Upper

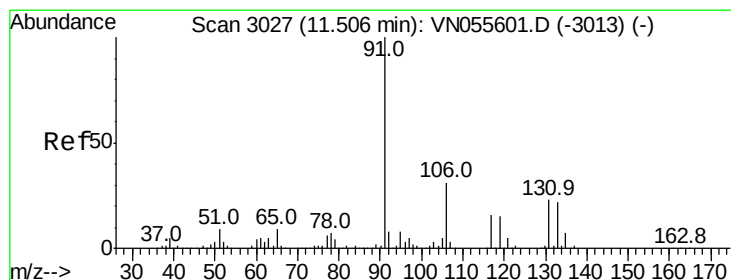
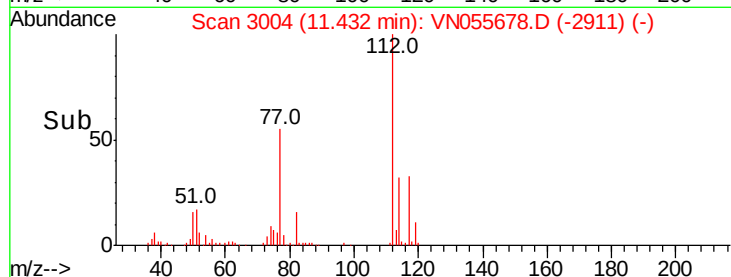
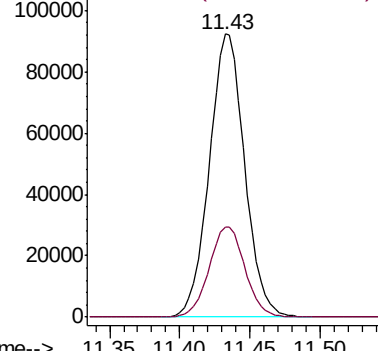
112 100

114 32.1 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.126 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

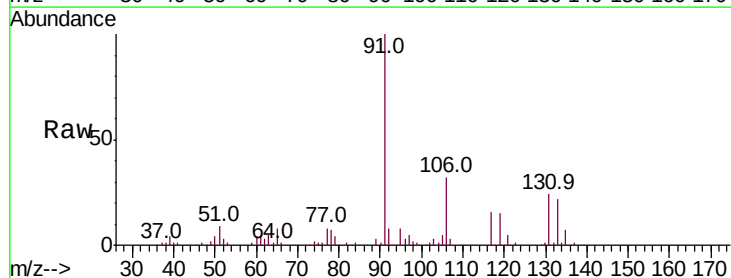
Tgt Ion:131 Resp: 68268

Ion Ratio Lower Upper

131 100

133 94.5 47.8 143.4

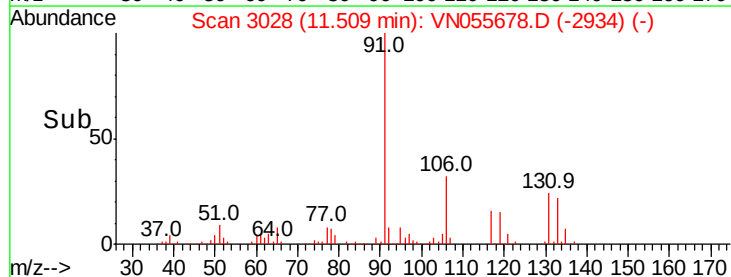
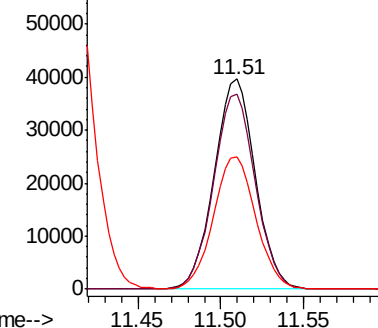
119 65.0 33.3 99.8

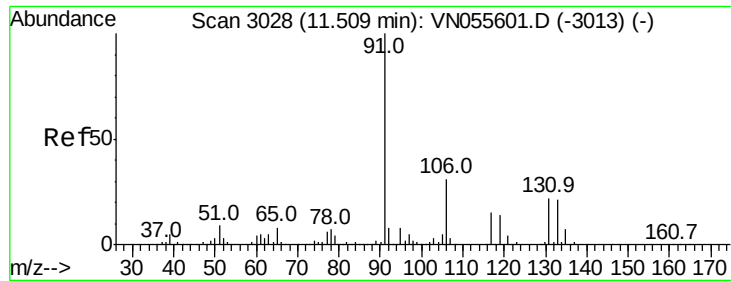


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

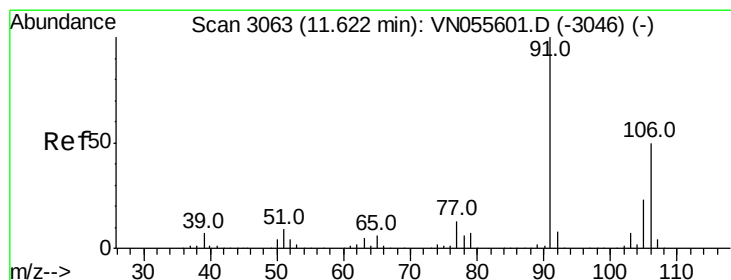
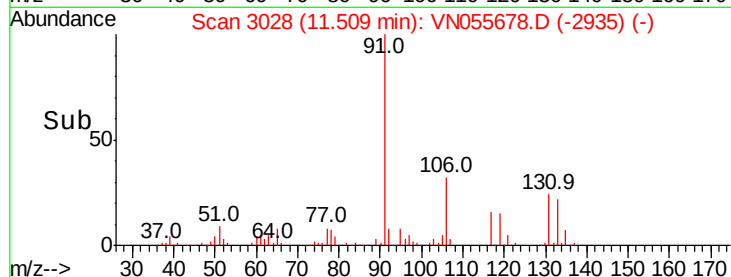
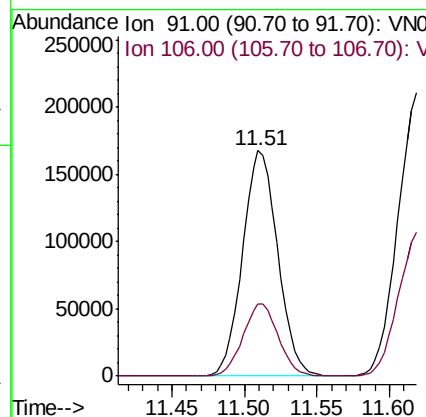
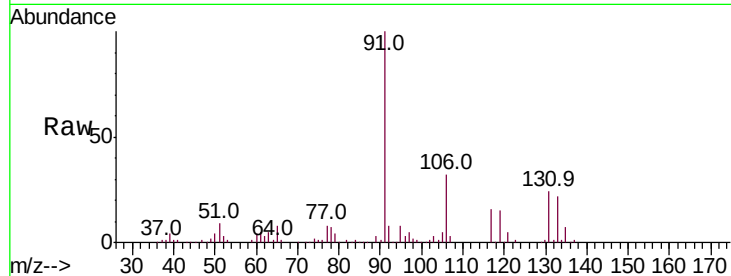
Ion 118.80 (118.50 to 119.50): V





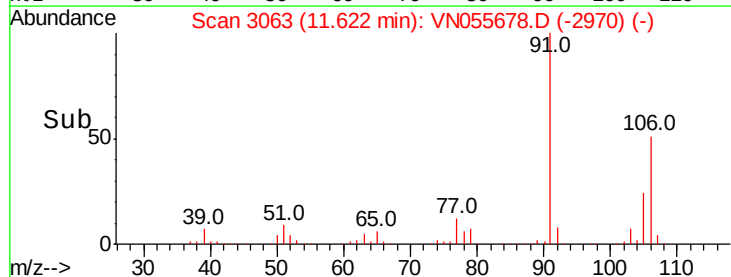
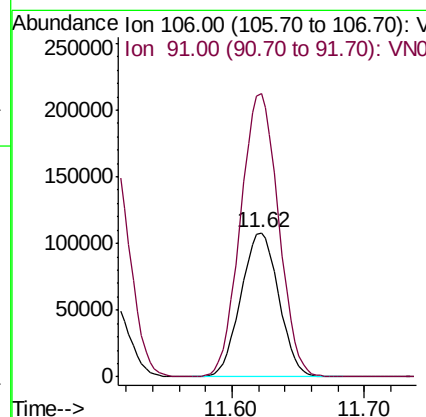
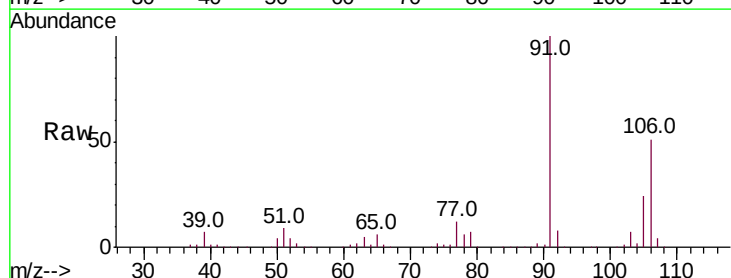
#67  
Ethyl Benzene  
Concen: 18.851 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. -0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

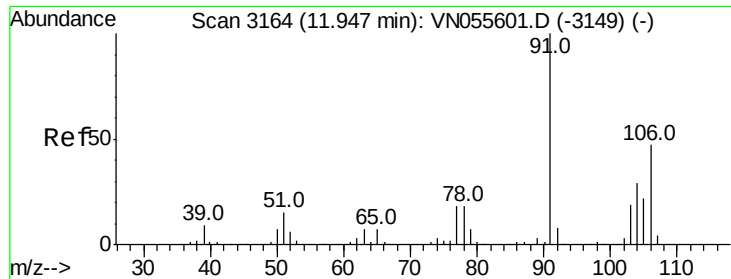
Tot Ion: 91 Resp: 283149  
Ion Ratio Lower Upper  
91 100  
106 32.0 25.2 37.8



#68  
m/p-Xylenes  
Concen: 37.841 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. -0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

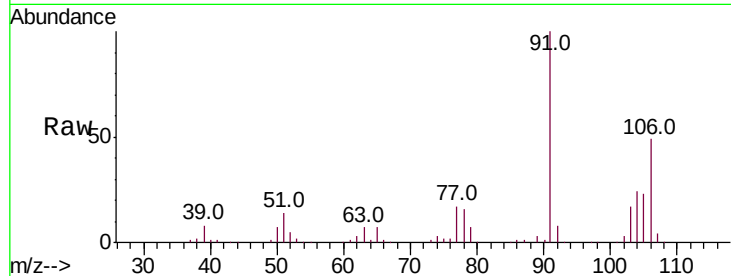
Tgt Ion: 106 Resp: 214639  
Ion Ratio Lower Upper  
106 100  
91 197.3 160.5 240.7



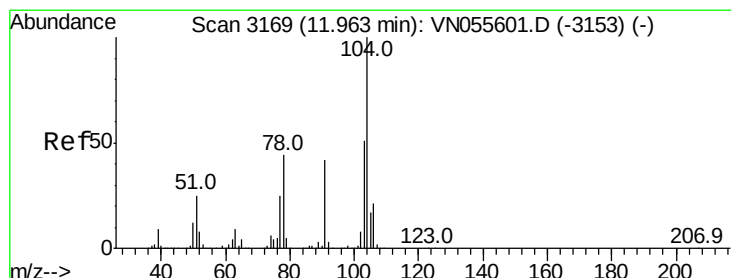
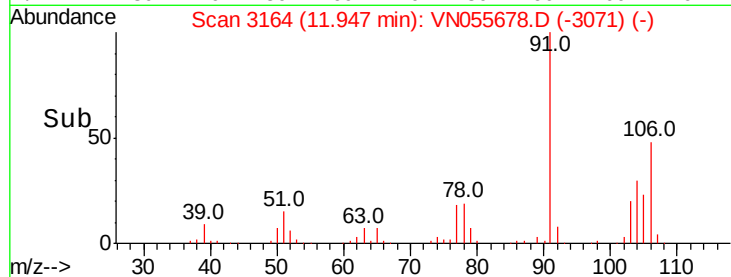
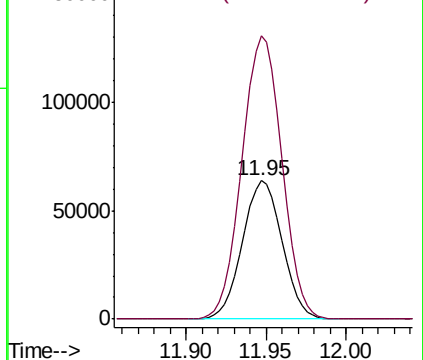


#69  
o-Xylene  
Concen: 19.496 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. -0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

Tot Ion:106 Resp: 108161  
Ion Ratio Lower Upper  
106 100  
91 206.2 106.7 320.2

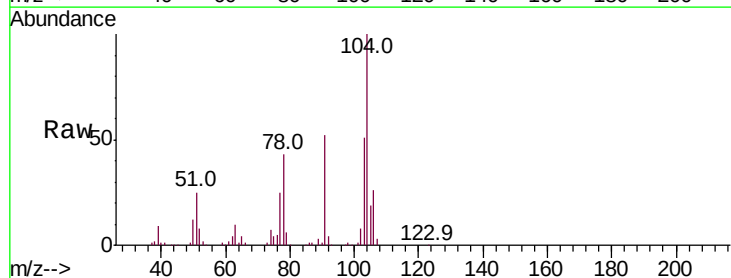


Abundance Ion 106.00 (105.70 to 106.70): V  
150000 Ion 91.00 (90.70 to 91.70): VN

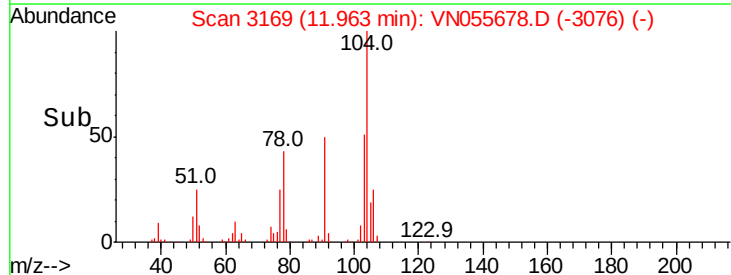
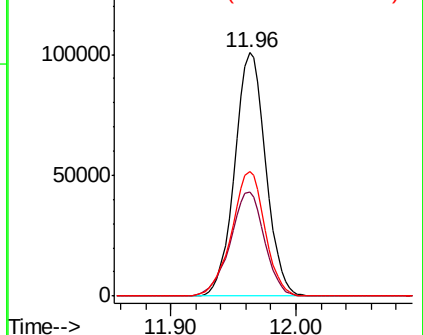


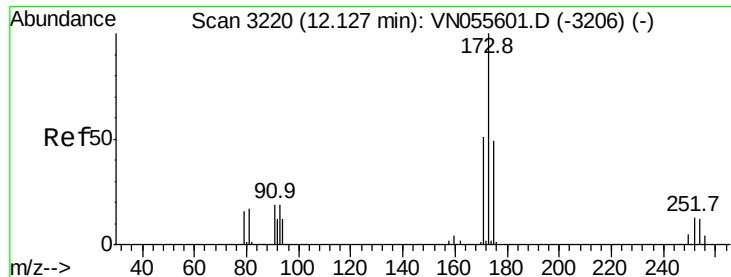
#70  
Styrene  
Concen: 18.752 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

Tgt Ion:104 Resp: 172980  
Ion Ratio Lower Upper  
104 100  
78 47.2 38.6 58.0  
103 55.0 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VN  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.952 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

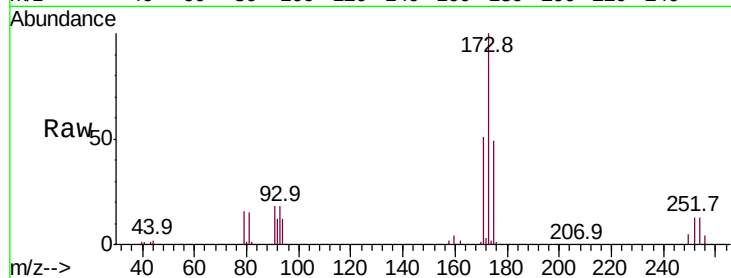
Tot Ion:173 Resp: 57353

Ion Ratio Lower Upper

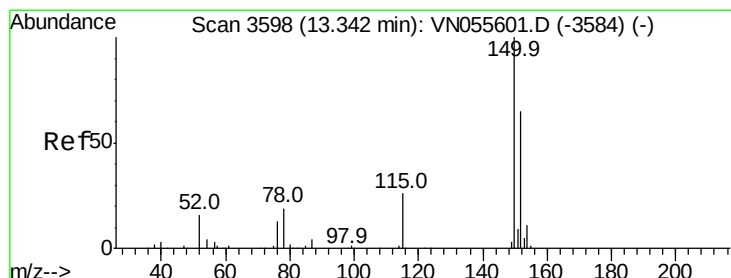
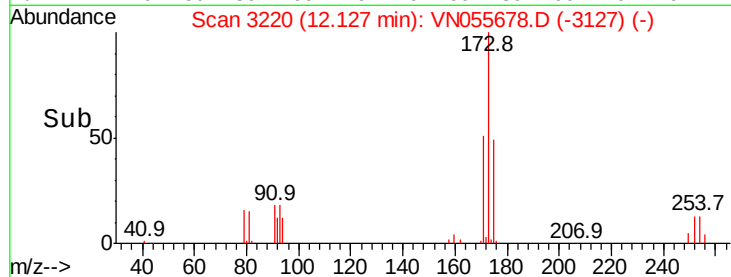
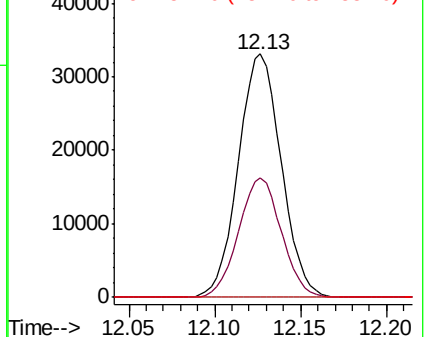
173 100

175 48.9 24.3 72.9

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

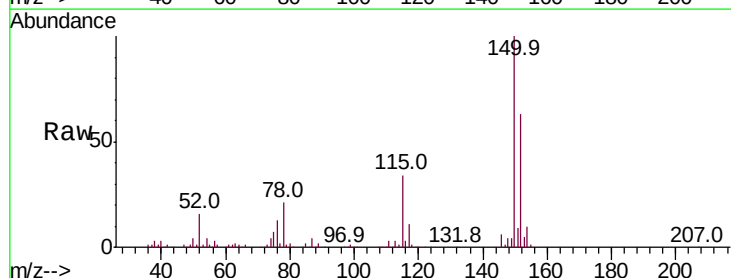
Tgt Ion:152 Resp: 167631

Ion Ratio Lower Upper

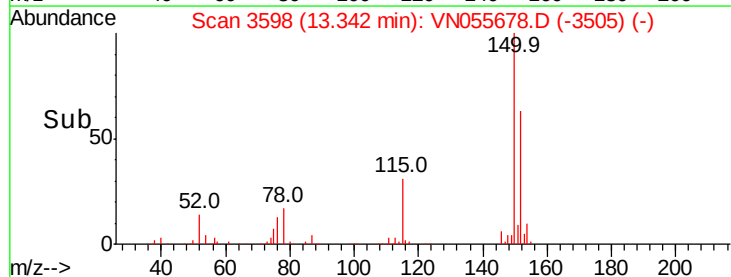
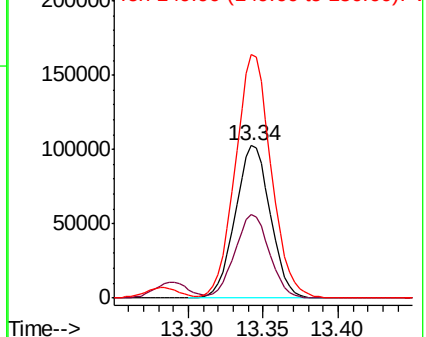
152 100

115 54.0 28.1 84.2

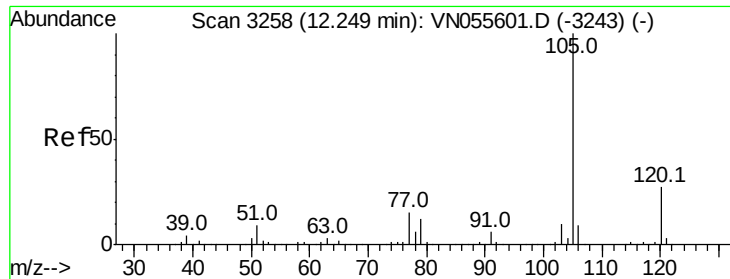
150 163.1 0.0 348.0



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: 22.639 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055678.D

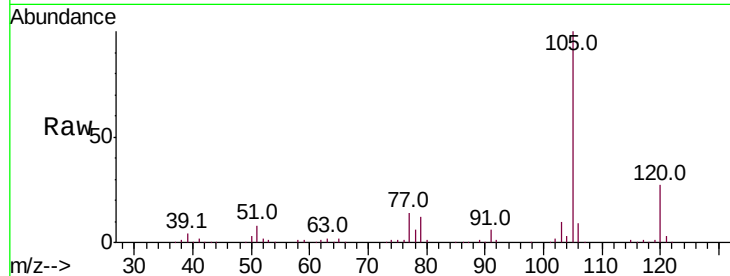
Acq: 20 May 2019 16:52

Tot Ion: 105 Resp: 281819

Ion Ratio Lower Upper

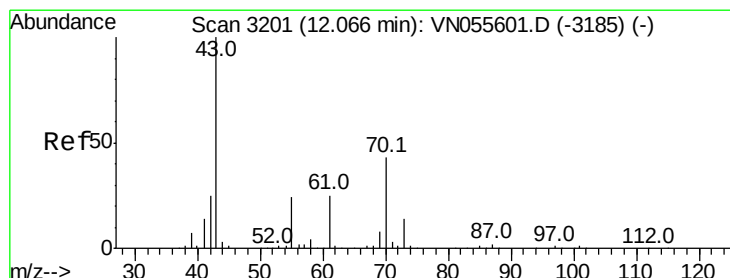
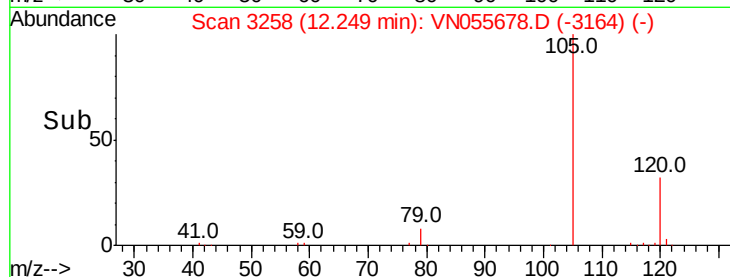
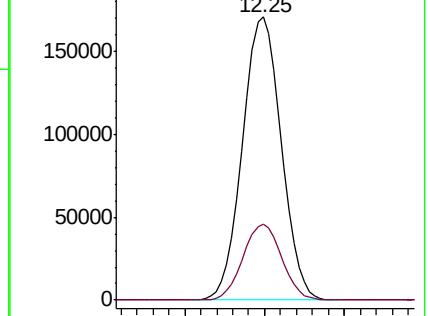
105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.642 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tgt Ion: 43 Resp: 97164

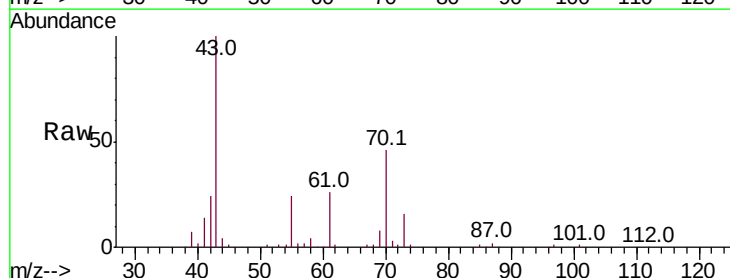
Ion Ratio Lower Upper

43 100

70 45.3 35.0 52.6

55 24.0 18.9 28.3

61 25.8 20.1 30.1

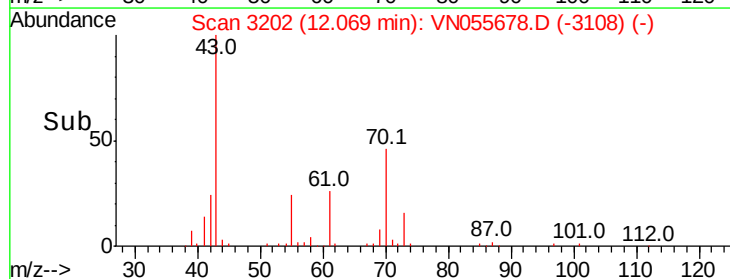
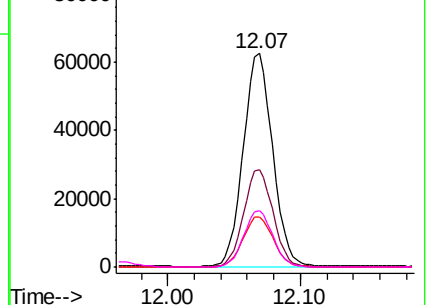


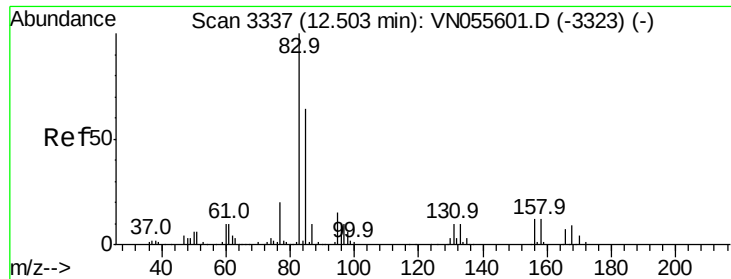
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.416 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

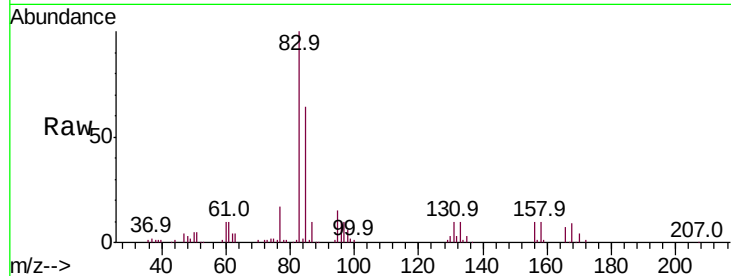
Tot Ion: 83 Resp: 86464

Ion Ratio Lower Upper

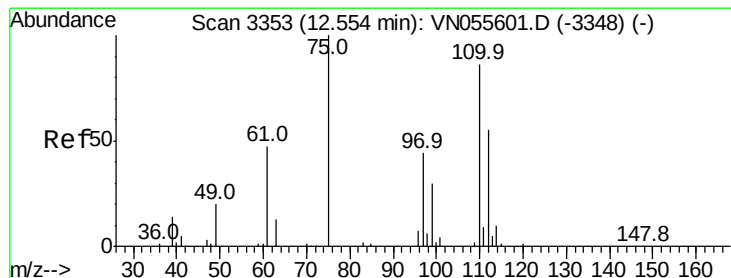
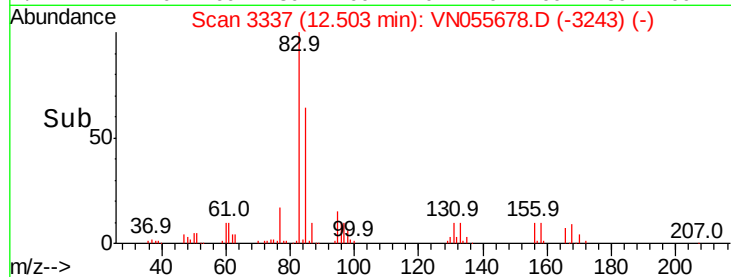
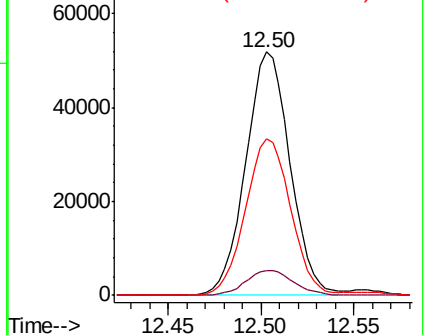
83 100

131 11.1 5.3 16.1

85 65.8 32.0 96.2



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



#76

1,2,3-Trichloropropane

Concen: 20.896 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN055678.D

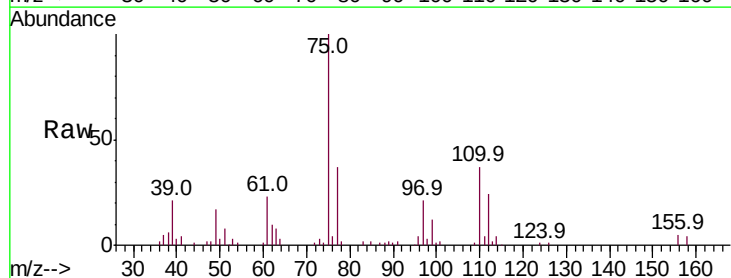
Acq: 20 May 2019 16:52

Tgt Ion: 75 Resp: 71477

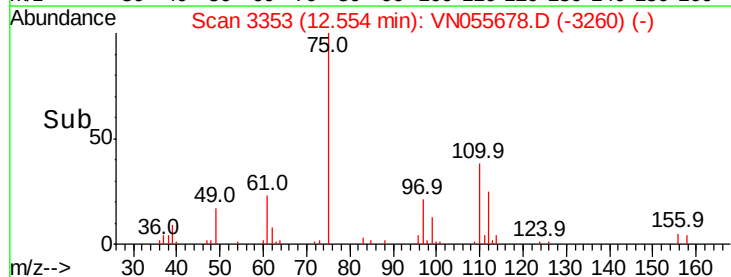
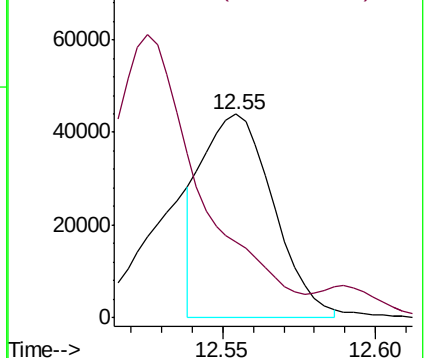
Ion Ratio Lower Upper

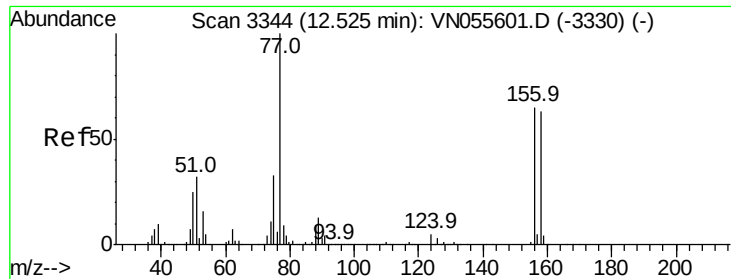
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 21.317 ug/l

RT: 12.53 min Scan# 3344

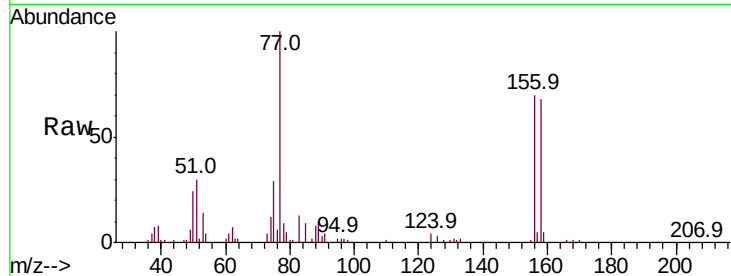
Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tot Ion:156 Resp: 73388

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 174.3 | 94.5  | 283.5 |
| 158 | 97.6  | 49.0  | 147.2 |

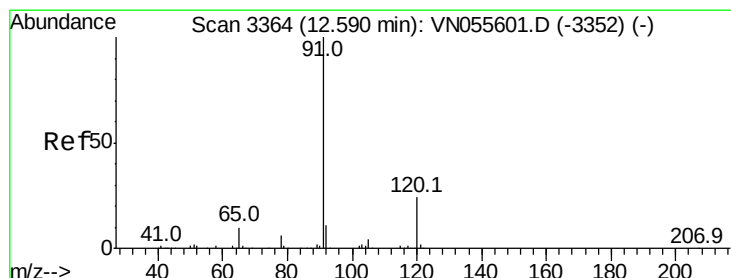
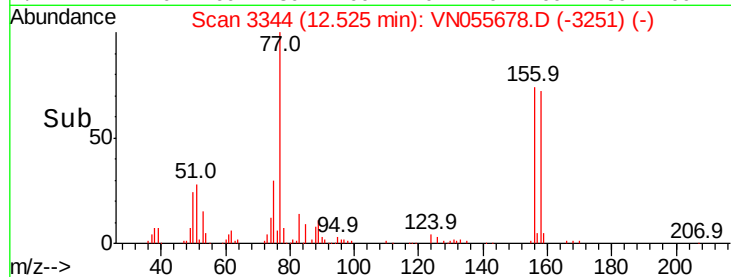
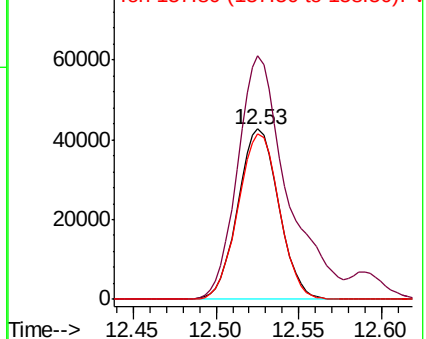


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.119 ug/l

RT: 12.59 min Scan# 3364

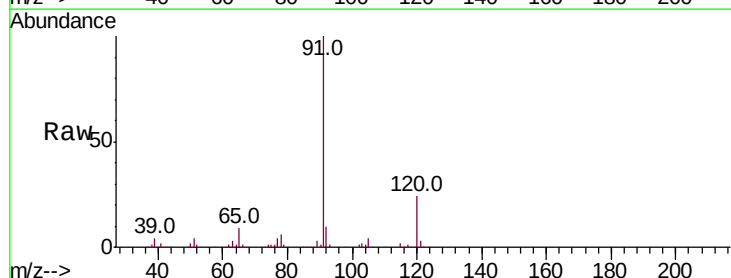
Delta R.T. -0.00 min

Lab File: VN055678.D

Acq: 20 May 2019 16:52

Tgt Ion: 91 Resp: 284605

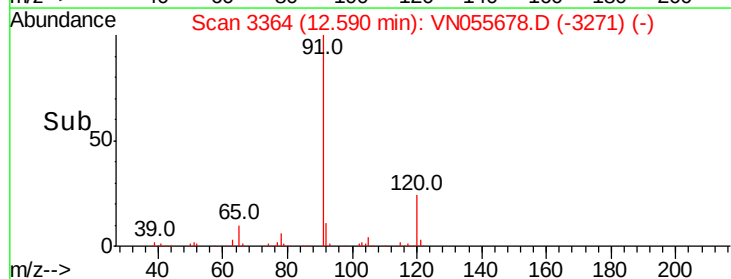
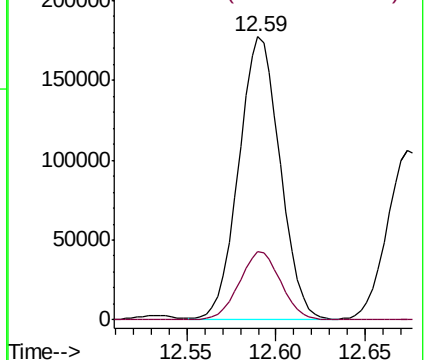
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 24.3  | 11.9  | 35.5  |

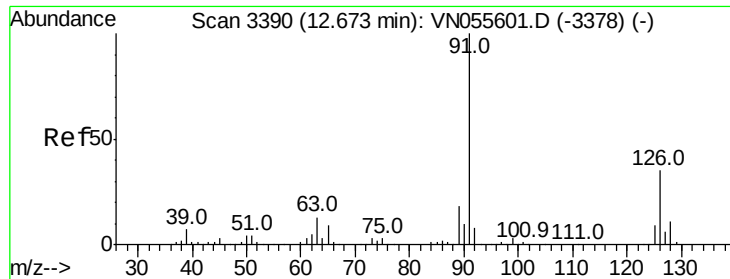


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.532 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055678.D

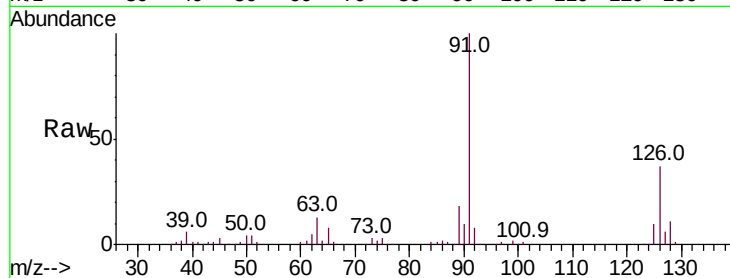
Acq: 20 May 2019 16:52

Tot Ion: 91 Resp: 179170

Ion Ratio Lower Upper

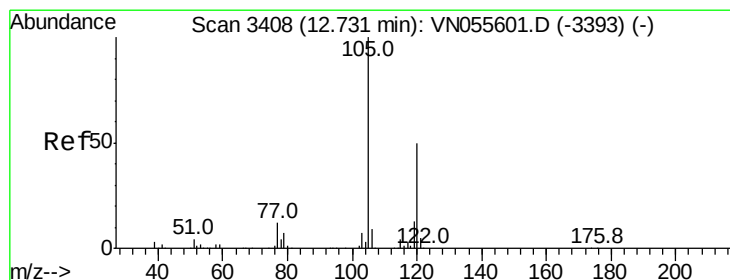
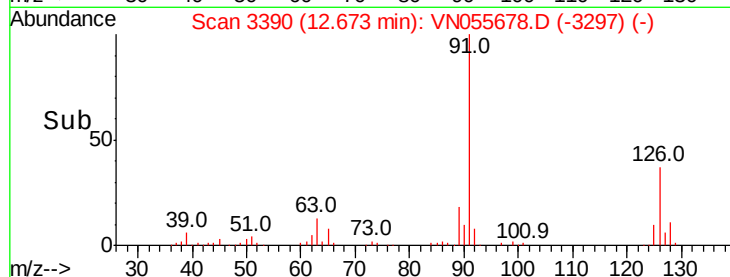
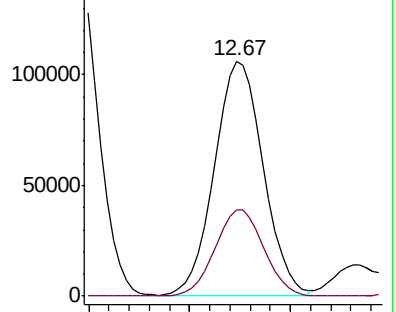
91 100

126 36.8 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VN055678.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN055678.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.872 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055678.D

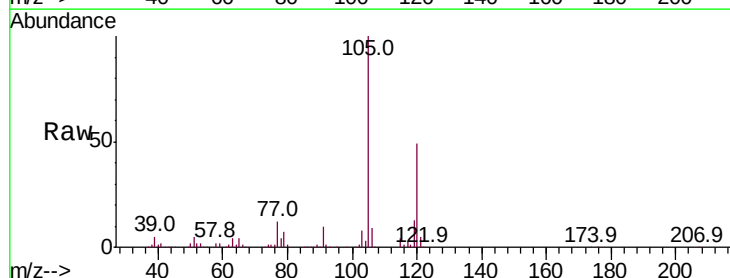
Acq: 20 May 2019 16:52

Tgt Ion:105 Resp: 231331

Ion Ratio Lower Upper

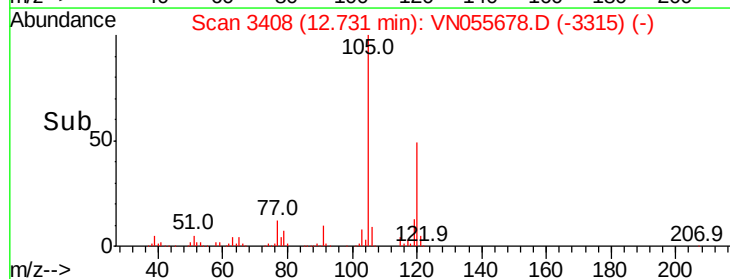
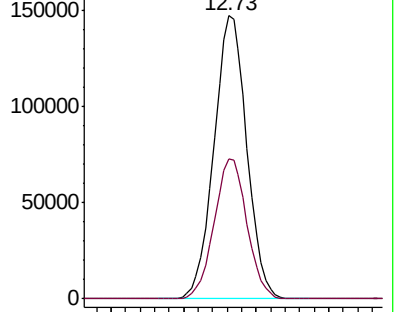
105 100

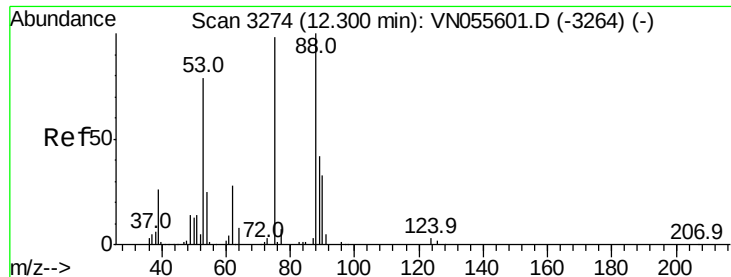
120 49.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN055678.D (-3315) (-)

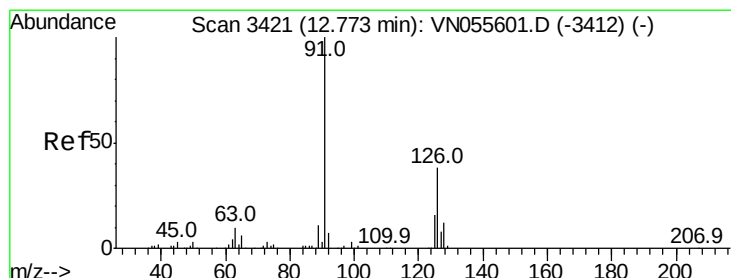
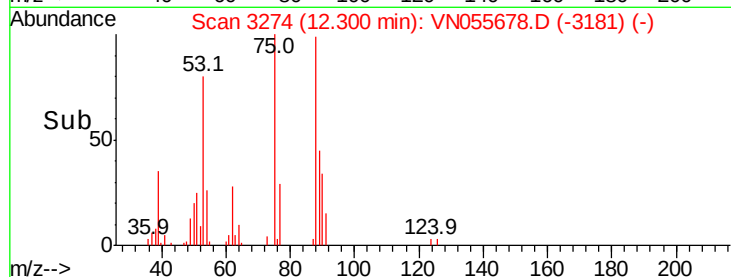
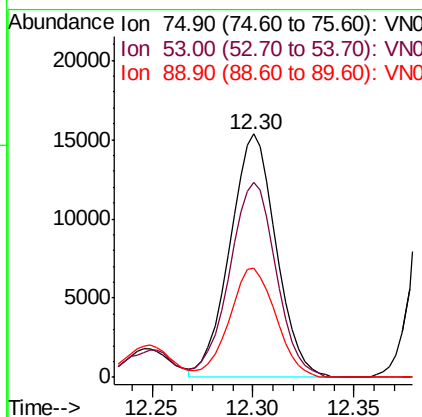
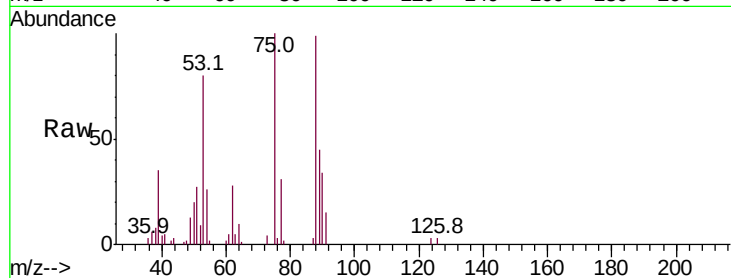
Ion 120.00 (119.70 to 120.70): VN055678.D (-3315) (-)





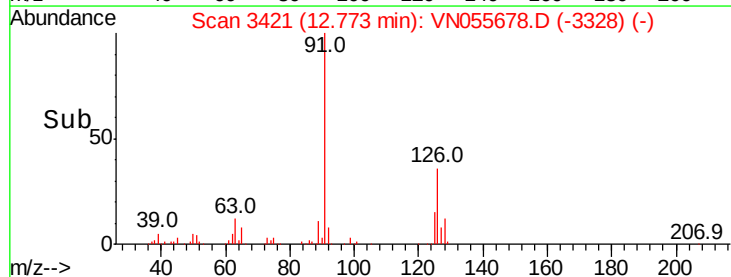
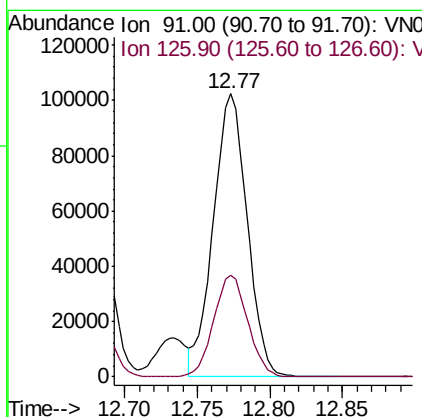
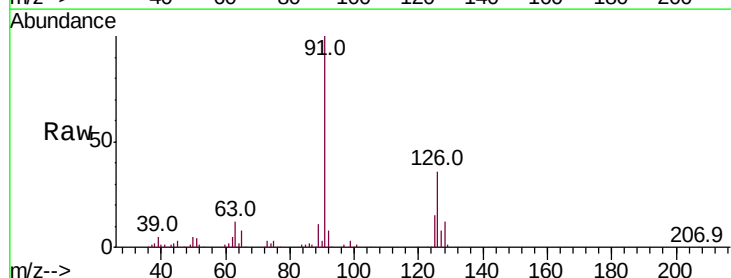
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 18.517 ug/l  
 RT: 12.30 min Scan# 3274  
 Delta R.T. -0.00 min  
 Lab File: VN055678.D  
 Acq: 20 May 2019 16:52

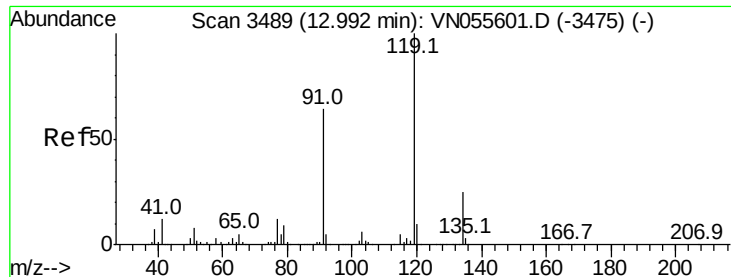
| Tot Ion | 75    | Resp  | 24639 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 75      | 100   |       |       |
| 53      | 80.9  | 65.1  | 97.7  |
| 89      | 45.0  | 36.4  | 54.6  |



#82  
 4-Chlorotoluene  
 Concen: 18.947 ug/l  
 RT: 12.77 min Scan# 3421  
 Delta R.T. -0.00 min  
 Lab File: VN055678.D  
 Acq: 20 May 2019 16:52

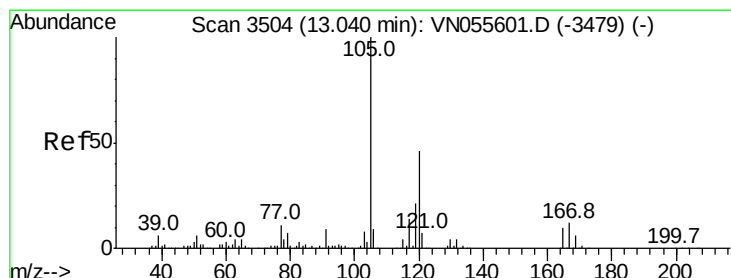
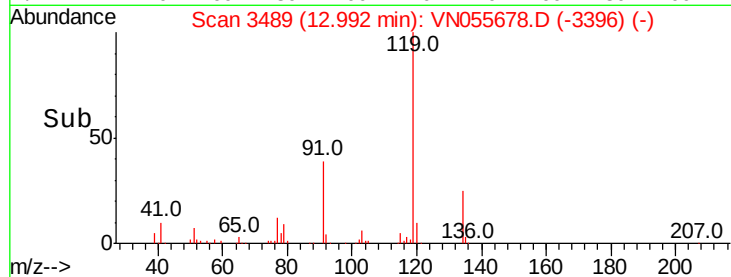
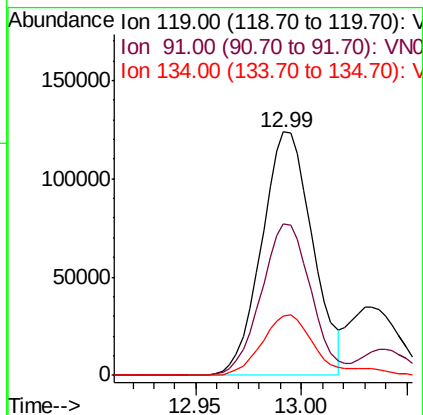
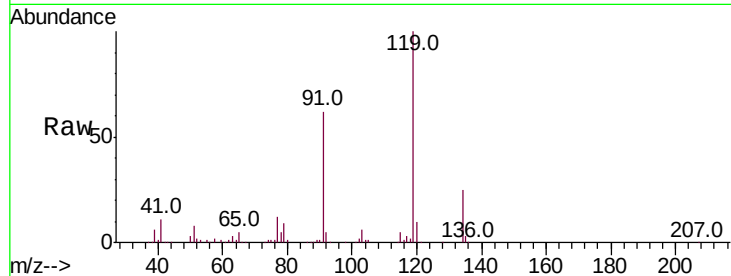
| Tgt Ion | 91    | Resp  | 166182 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 91      | 100   |       |        |
| 126     | 35.9  | 17.5  | 52.6   |





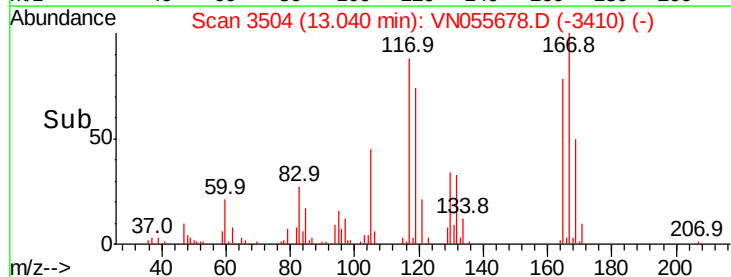
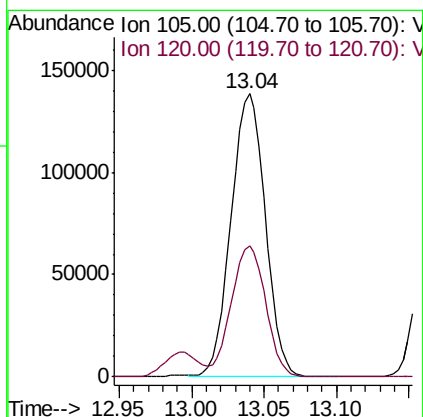
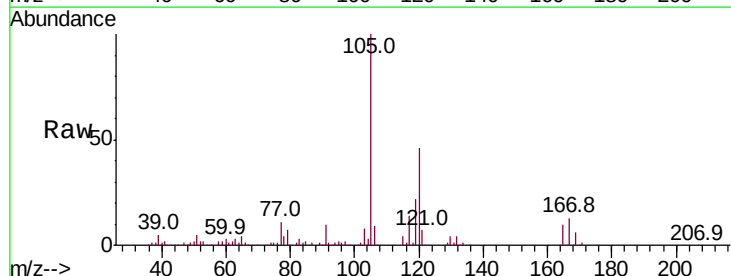
#83  
 tert-Butylbenzene  
 Concen: 22.861 ug/l  
 RT: 12.99 min Scan# 3489  
 Delta R.T. 0.00 min  
 Lab File: VN055678.D  
 Acq: 20 May 2019 16:52

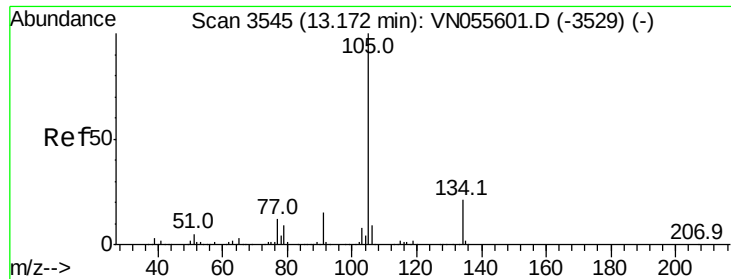
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 60.8  | 31.3  | 93.8  |
| 134     | 24.8  | 13.2  | 39.6  |



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.702 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN055678.D  
 Acq: 20 May 2019 16:52

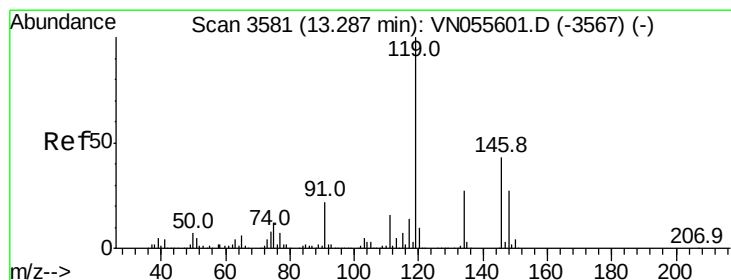
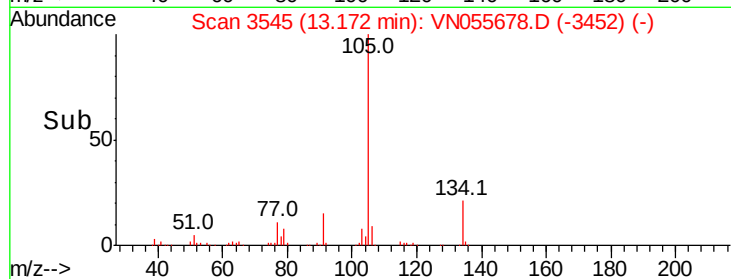
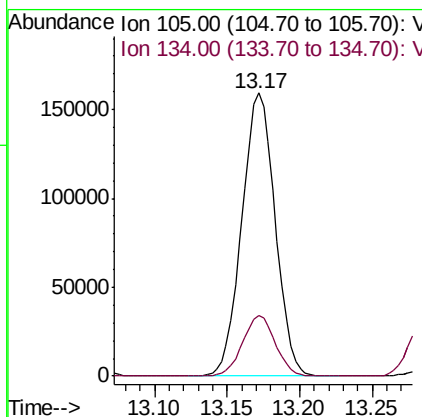
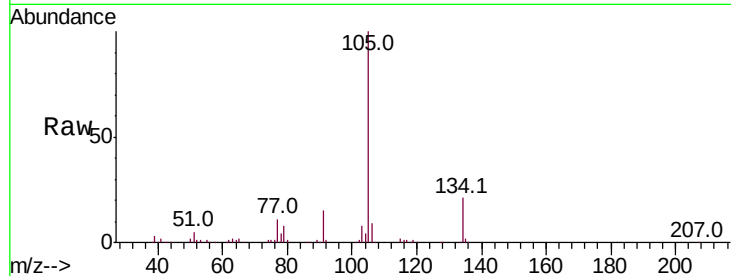
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.4  | 23.1  | 69.2  |





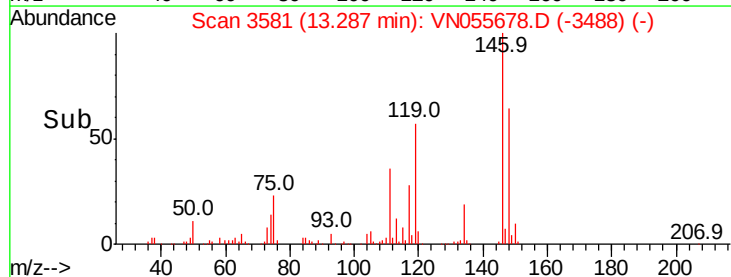
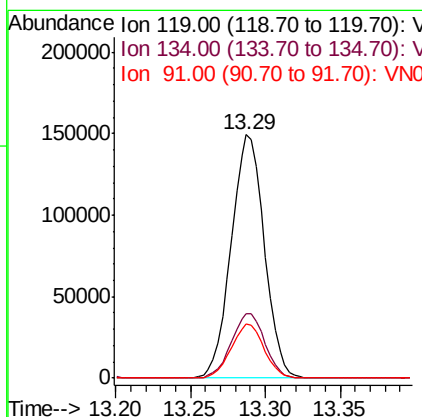
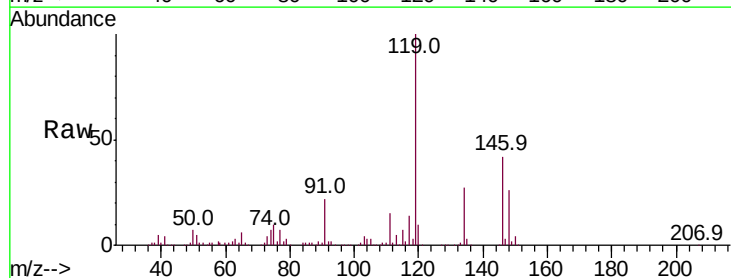
#85  
 sec-Butylbenzene  
 Concen: 21.473 ug/l  
 RT: 13.17 min Scan# 3545  
 Delta R.T. 0.00 min  
 Lab File: VN055678.D  
 Acq: 20 May 2019 16:52

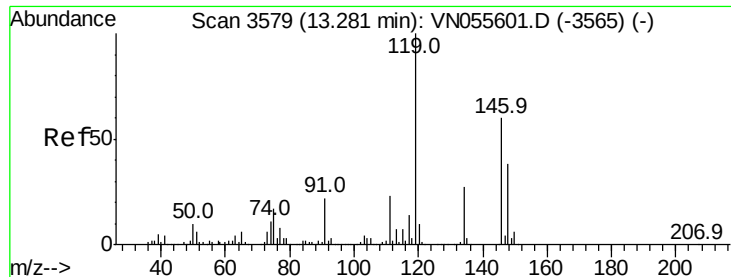
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 21.0  | 10.3  | 30.9  |



#86  
 p-Isopropyltoluene  
 Concen: 21.006 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. 0.00 min  
 Lab File: VN055678.D  
 Acq: 20 May 2019 16:52

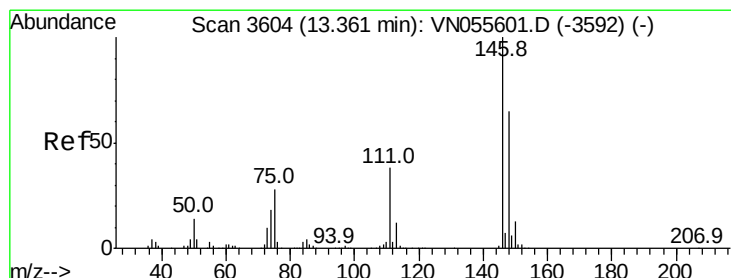
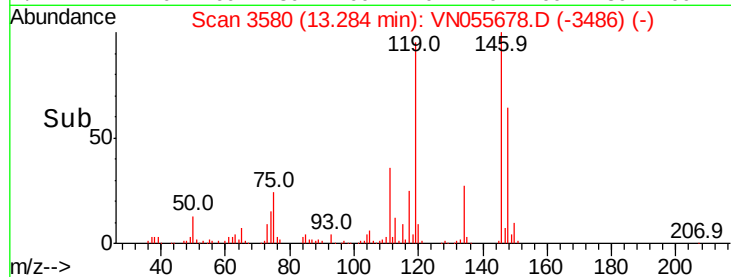
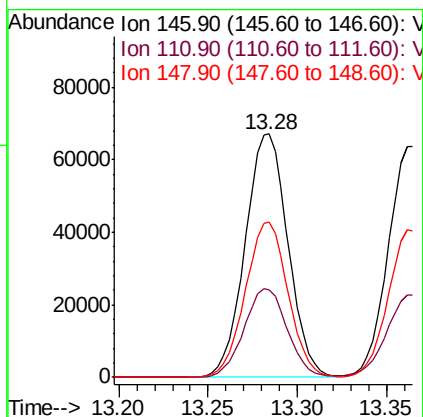
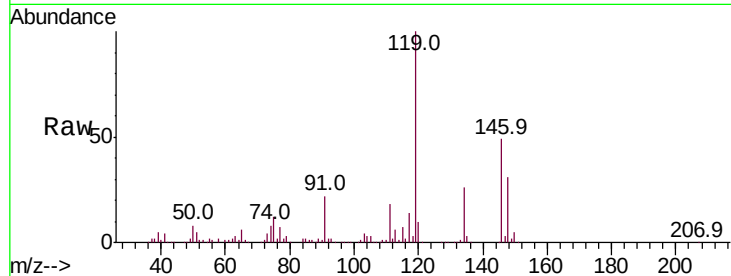
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.8  | 13.4  | 40.2  |
| 91      | 22.1  | 11.0  | 33.0  |





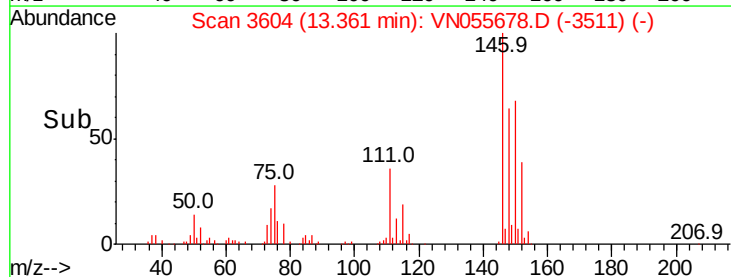
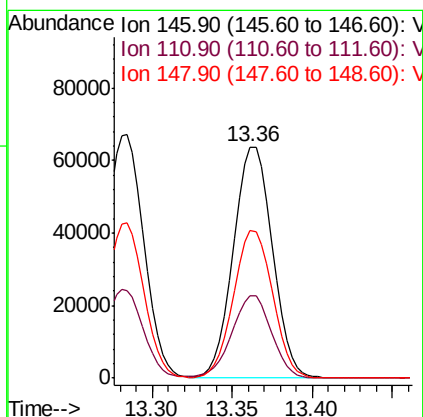
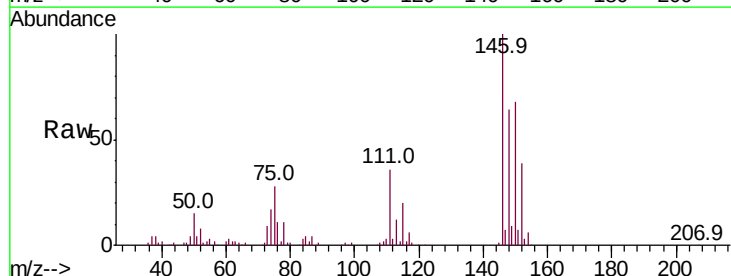
#87  
 1,3-Dichlorobenzene  
 Concen: 19.763 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN055678.D  
 Acq: 20 May 2019 16:52

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.7  | 18.9  | 56.9  |
| 148     | 63.6  | 31.9  | 95.9  |

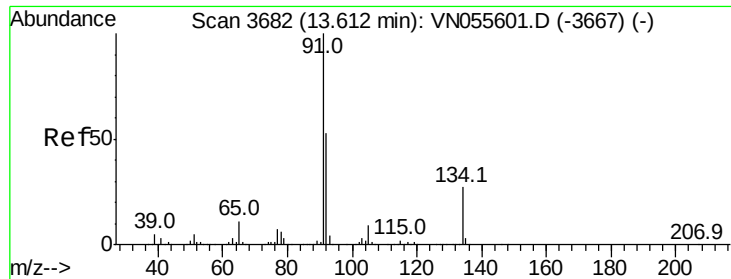


#88  
 1,4-Dichlorobenzene  
 Concen: 19.534 ug/l  
 RT: 13.36 min Scan# 3604  
 Delta R.T. -0.00 min  
 Lab File: VN055678.D  
 Acq: 20 May 2019 16:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.4  | 18.8  | 56.4  |
| 148     | 64.0  | 32.4  | 97.0  |

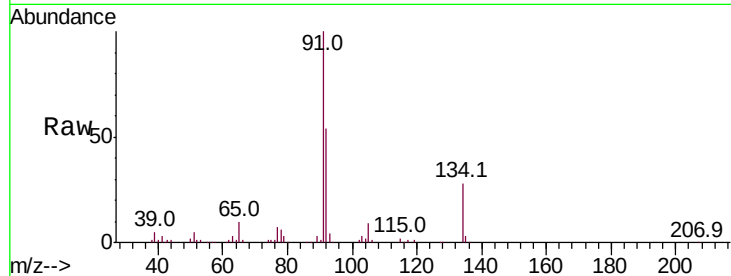




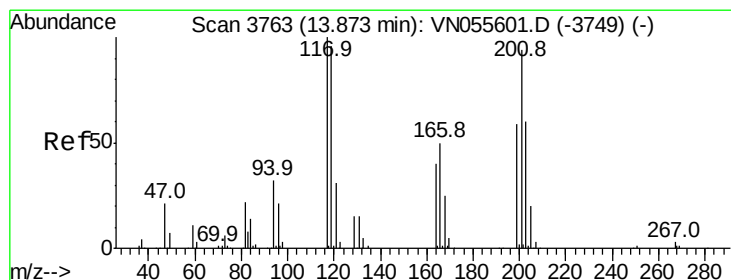
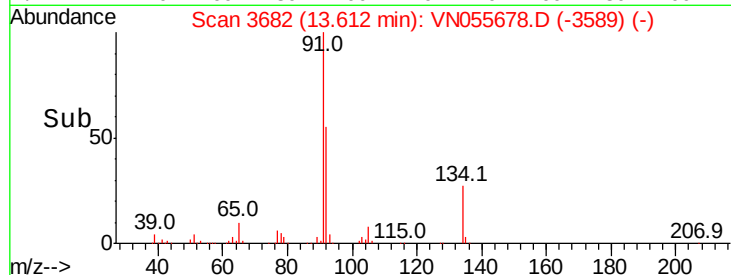
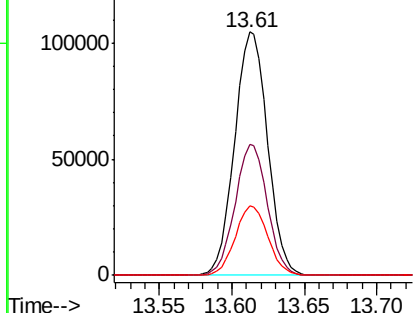


#89  
n-Butylbenzene  
Concen: 17.944 ug/l  
RT: 13.61 min Scan# 3682  
Delta R.T. -0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

Tot Ion: 91 Resp: 165060  
Ion Ratio Lower Upper  
91 100  
92 52.7 26.4 79.0  
134 28.3 13.7 41.1

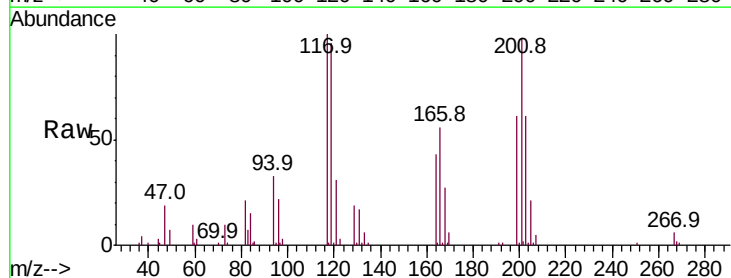


Abundance Ion 91.00 (90.70 to 91.70): VN0  
Ion 92.00 (91.70 to 92.70): VN0  
Ion 134.00 (133.70 to 134.70): V

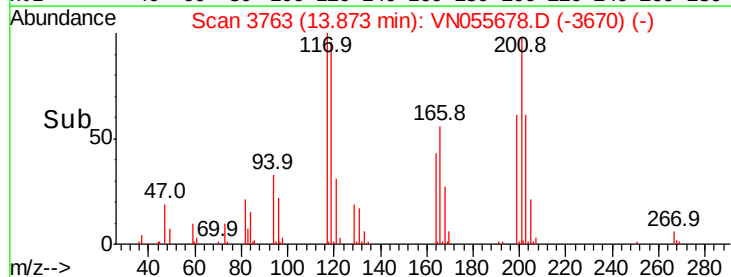
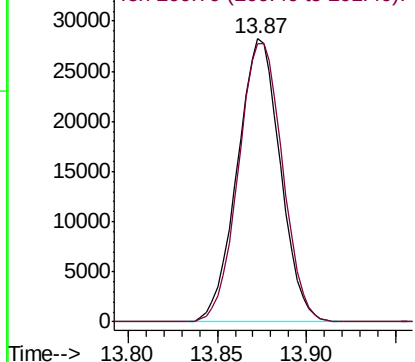


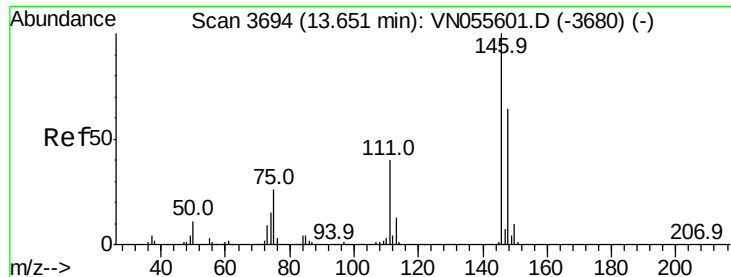
#90  
Hexachloroethane  
Concen: 22.694 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. 0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

Tgt Ion: 117 Resp: 47593  
Ion Ratio Lower Upper  
117 100  
201 100.6 47.1 141.3



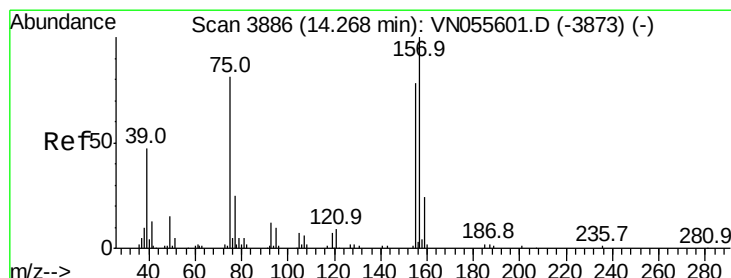
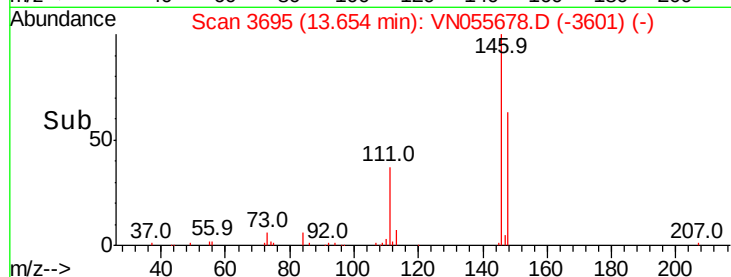
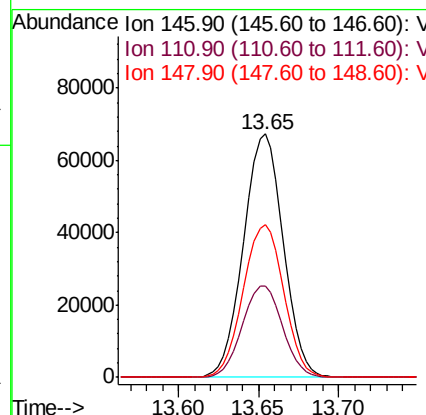
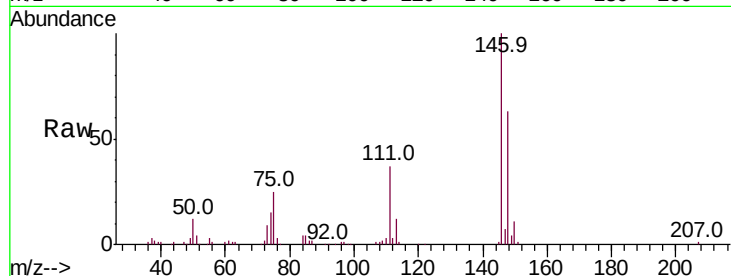
Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 200.70 (200.40 to 201.40): V





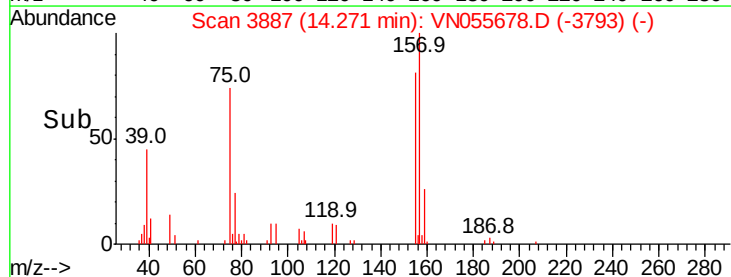
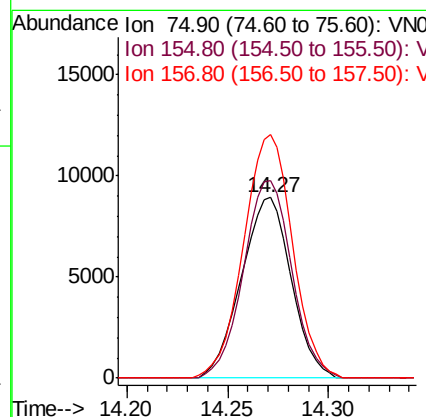
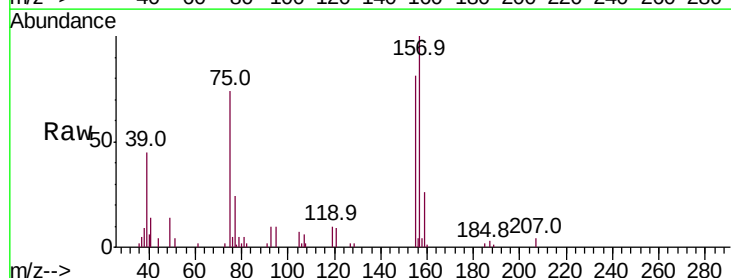
#91  
 1,2-Dichlorobenzene  
 Concen: 20.072 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN055678.D  
 Acq: 20 May 2019 16:52

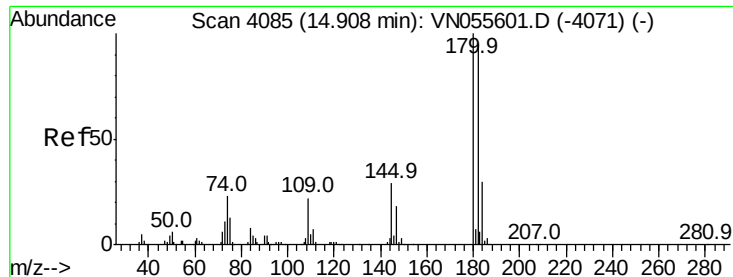
Tot Ion:146 Resp: 113892  
 Ion Ratio Lower Upper  
 146 100  
 111 38.1 19.7 59.0  
 148 64.1 32.1 96.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.301 ug/l  
 RT: 14.27 min Scan# 3887  
 Delta R.T. 0.00 min  
 Lab File: VN055678.D  
 Acq: 20 May 2019 16:52

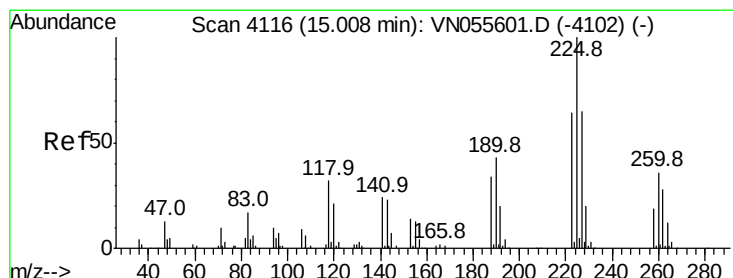
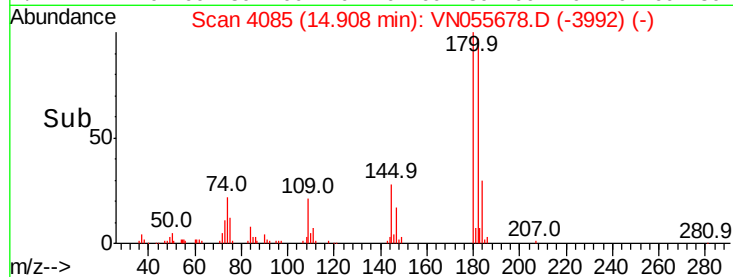
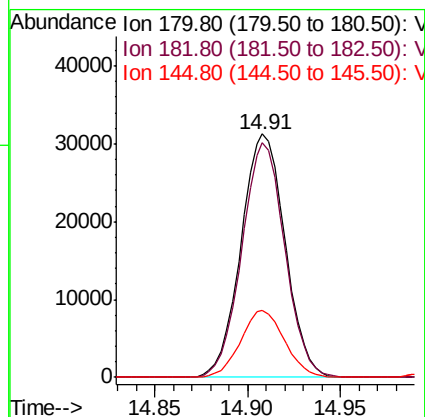
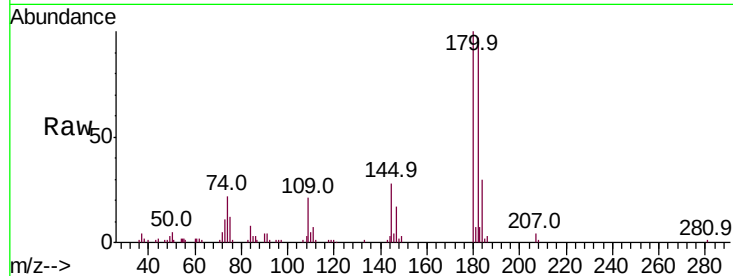
Tgt Ion: 75 Resp: 15444  
 Ion Ratio Lower Upper  
 75 100  
 155 106.2 48.4 145.0  
 157 132.9 62.3 186.8





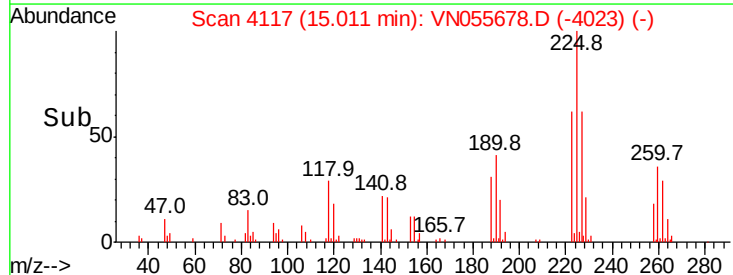
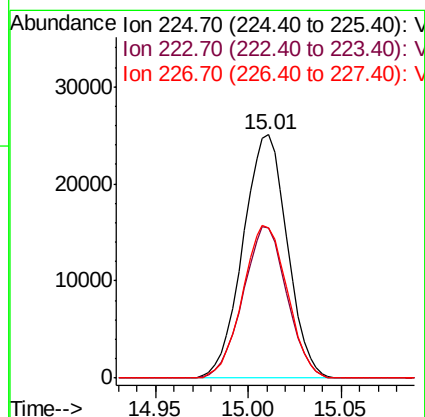
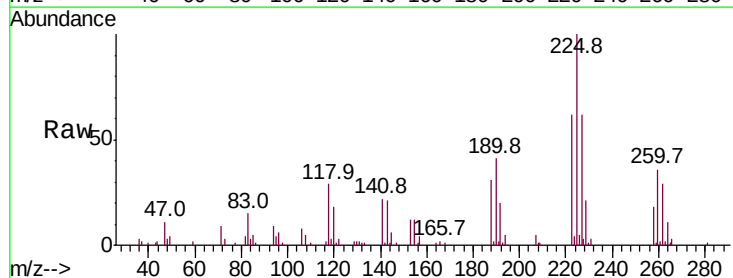
#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.886 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. -0.00 min  
 Lab File: VN055678.D  
 Acq: 20 May 2019 16:52

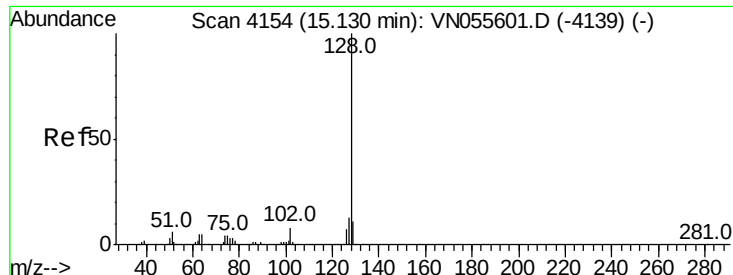
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.3  | 47.9  | 143.6 |
| 145     | 27.5  | 14.3  | 42.9  |



#94  
 Hexachlorobutadiene  
 Concen: 22.193 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN055678.D  
 Acq: 20 May 2019 16:52

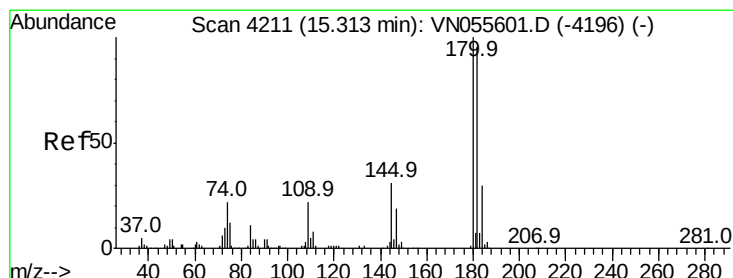
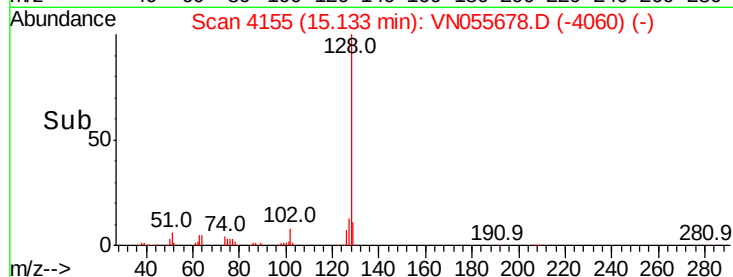
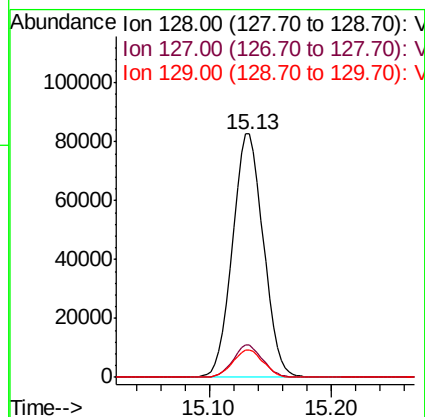
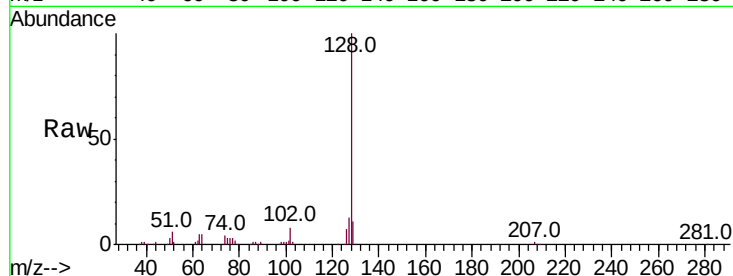
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.8  | 31.6  | 94.7  |
| 227     | 63.3  | 32.4  | 97.0  |





#95  
Naphthalene  
Concen: 17.901 ug/l  
RT: 15.13 min Scan# 4155  
Delta R.T. 0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

Tot Ion:128 Resp: 145805  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.4  
129 11.2 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 18.336 ug/l  
RT: 15.31 min Scan# 4211  
Delta R.T. -0.00 min  
Lab File: VN055678.D  
Acq: 20 May 2019 16:52

Tgt Ion:180 Resp: 55375  
Ion Ratio Lower Upper  
180 100  
182 96.7 47.9 143.6  
145 30.0 15.4 46.1

