

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\  
 Data File : VN051695.D  
 Acq On : 5 Oct 2018 19:07  
 Operator : MD\SY  
 Sample : VN1006MBS01  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 25 Sample Multiplier: 28

Quant Time: Oct 06 01:19:21 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N100418W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 05 02:22:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 482246   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 744697   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 677762   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 331200   | 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   | 316387   | 49.66 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.32% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 285028   | 49.51 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.02% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1034959  | 48.18 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.36% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 325599   | 42.82 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 85.64% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 129544   | 22.135  | ug/l  | 99     |
| 3) Chloromethane              | 2.06 | 50   | 126893   | 23.057  | ug/l  | 97     |
| 4) Vinyl Chloride             | 2.18 | 62   | 191869   | 22.132  | ug/l  | 99     |
| 5) Bromomethane               | 2.57 | 94   | 140731   | 21.109  | ug/l  | 98     |
| 6) Chloroethane               | 2.70 | 64   | 133134   | 22.849  | ug/l  | 100    |
| 7) Trichlorofluoromethane     | 3.01 | 101  | 213681   | 22.944  | ug/l  | 100    |
| 8) Diethyl Ether              | 3.41 | 74   | 56854    | 22.505  | ug/l  | 92     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101  | 103873   | 21.557  | ug/l  | 97     |
| 10) Methyl Iodide             | 3.95 | 142  | 90908    | 15.940  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 4.79 | 59   | 43656    | 100.831 | ug/l  | 96     |
| 12) 1,1-Dichloroethene        | 3.74 | 96   | 96696    | 21.531  | ug/l  | 98     |
| 13) Acrolein                  | 3.61 | 56   | 27394    | 101.275 | ug/l  | 97     |
| 14) Allyl chloride            | 4.32 | 41   | 133979   | 19.560  | ug/l  | 96     |
| 15) Acrylonitrile             | 4.99 | 53   | 152749   | 102.238 | ug/l  | 98     |
| 16) Acetone                   | 3.82 | 43   | 117295   | 98.512  | ug/l  | 99     |
| 17) Carbon Disulfide          | 4.05 | 76   | 269573   | 19.747  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.33 | 43   | 76539    | 21.767  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 297750   | 20.086  | ug/l  | 100    |
| 20) Methylene Chloride        | 4.55 | 84   | 107855   | 20.577  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96   | 104792   | 19.691  | ug/l  | 95     |
| 22) Diisopropyl ether         | 5.96 | 45   | 299895   | 20.425  | ug/l  | 98     |
| 23) Vinyl Acetate             | 5.90 | 43   | 1090244  | 100.985 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 188363   | 19.947  | ug/l  | 98     |
| 25) 2-Butanone                | 6.84 | 43   | 184420   | 100.249 | ug/l  | 95     |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 178207   | 18.832  | ug/l  | 97     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 121567   | 19.677  | ug/l  | 99     |
| 28) Bromochloromethane        | 7.19 | 49   | 82629    | 19.765  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 7.22 | 42   | 119555   | 105.903 | ug/l  | 99     |
| 30) Chloroform                | 7.37 | 83   | 210747   | 19.863  | ug/l  | 99     |
| 31) Cyclohexane               | 7.65 | 56   | 168129   | 19.441  | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 199358   | 19.385  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 148991   | 19.141  | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.93 | 43   | 85150    | 20.974  | ug/l  | 97     |
| 38) Carbon Tetrachloride      | 7.78 | 117  | 174787   | 18.713  | ug/l  | 99     |

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 Sample : VN1006MBS01  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 25 Sample Multiplier: 28

Quant Time: Oct 06 01:19:21 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N100418W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 05 02:22:33 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 39) Methylcyclohexane          | 9.08  | 83   | 186919   | 19.130  | ug/l   | 99       |
| 40) Benzene                    | 8.04  | 78   | 449270   | 19.470  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.21  | 41   | 123380   | 59.039  | ug/l # | 13       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 153735   | 19.769  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 180186   | 21.288  | ug/l   | 96       |
| 44) Trichloroethene            | 8.84  | 130  | 125653   | 19.178  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 111779   | 19.593  | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 77159    | 19.458  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.41  | 83   | 168639   | 19.318  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 82392    | 21.303  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 23222    | 400.419 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 450505   | 105.037 | ug/l   | 97       |
| 52) Toluene                    | 10.16 | 92   | 289462   | 18.861  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 161916   | 17.975  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 177675   | 18.575  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 106650   | 19.507  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 135732   | 19.632  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 170695   | 19.726  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 286152   | 100.002 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.75 | 43   | 292398   | 100.383 | ug/l   | 95       |
| 60) Dibromochloromethane       | 10.90 | 129  | 132486   | 18.517  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 107351   | 18.574  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 118976   | 19.897  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.43 | 112  | 318621   | 18.981  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 125842   | 18.723  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.51 | 91   | 556884   | 19.194  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 433509   | 37.343  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 217581   | 19.112  | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 326337   | 17.989  | ug/l   | 100      |
| 71) Bromoform                  | 12.13 | 173  | 87968    | 17.596  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 575828   | 20.396  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 136290   | 21.485  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 131070   | 21.758  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 154327   | 36.384  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 134042   | 19.417  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 617456   | 20.051  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 359336   | 19.800  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 470754   | 19.786  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 34104    | 18.928  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 350975   | 19.251  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 426059   | 19.985  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 469280   | 19.691  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 565772   | 20.062  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 493080   | 19.723  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 230101   | 19.129  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 225761   | 19.068  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.62 | 91   | 382020   | 19.326  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.87 | 117  | 95712    | 19.188  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 230899   | 19.309  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 20318    | 20.486  | ug/l   | 98       |

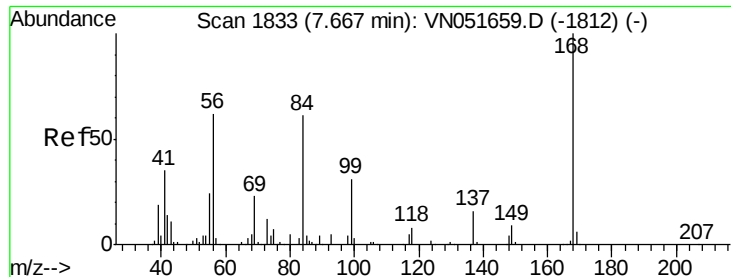
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\  
Data File : VN051695.D  
Acq On : 5 Oct 2018 19:07  
Operator : MD\SY  
Sample : VN1006MBS01  
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Quant Title : SW846 8260  
QLast Update : Fri Oct 05 02:22:33 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 90778    | 17.060 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 70010    | 19.392 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 190043   | 16.539 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 96996    | 18.509 | 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: VN051695.D

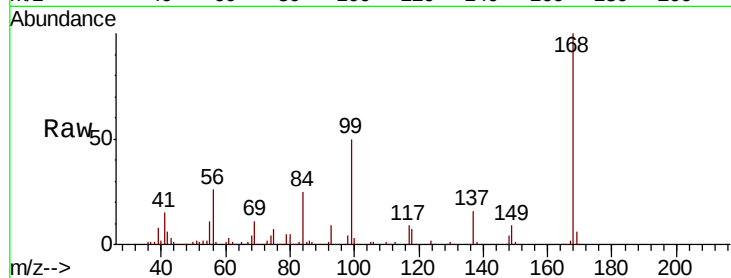
Acq: 5 Oct 2018 19:07

Tot Ion:168 Resp: 482246

Ion Ratio Lower Upper

168 100

99 50.1 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

150000

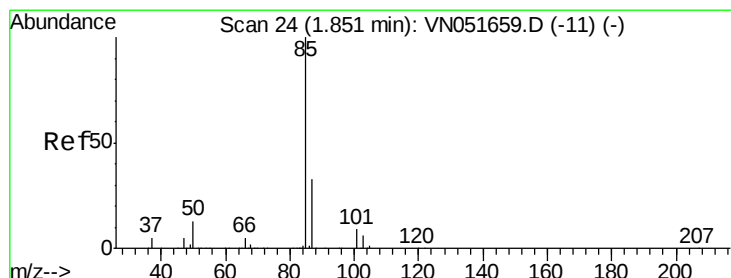
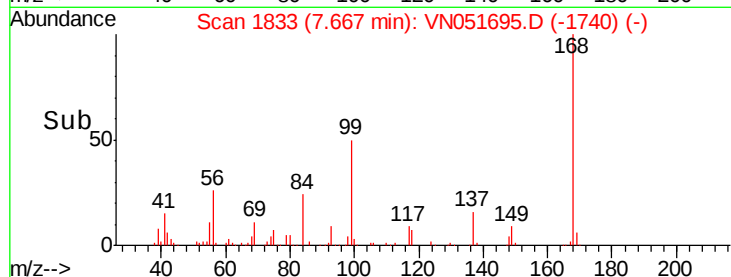
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 22.135 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051695.D

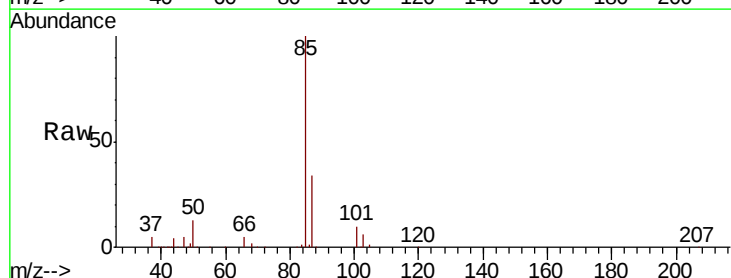
Acq: 5 Oct 2018 19:07

Tgt Ion: 85 Resp: 129544

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

60000

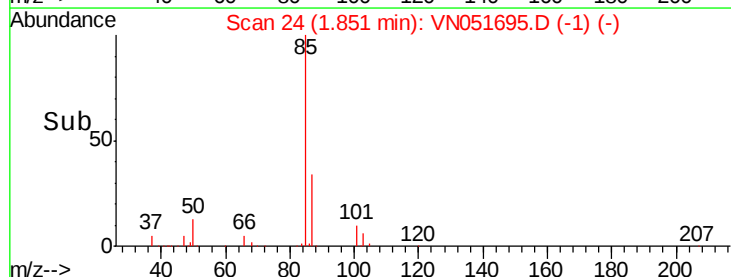
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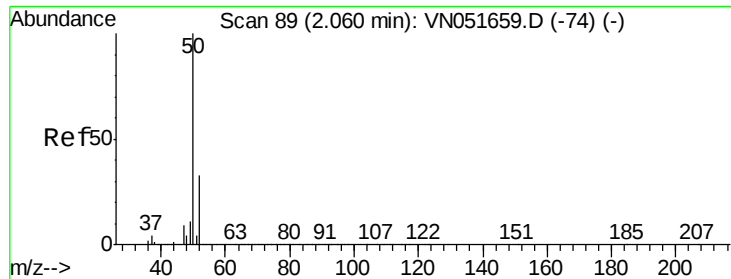
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0

1.80 1.85 1.90 1.95

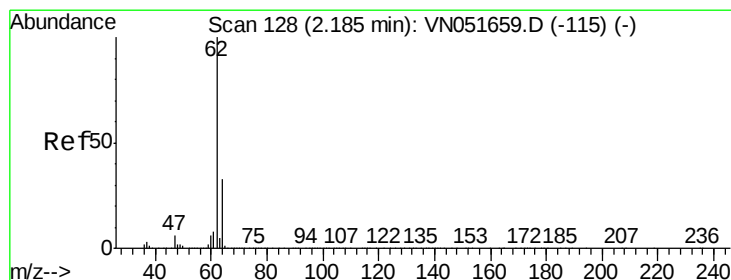
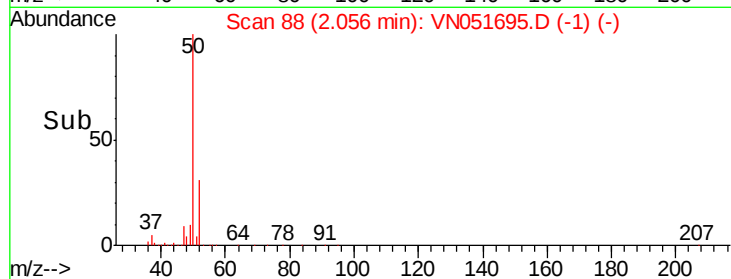
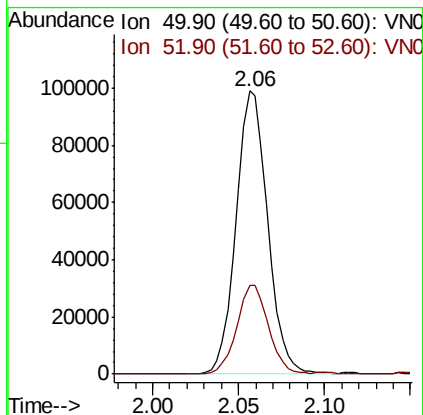
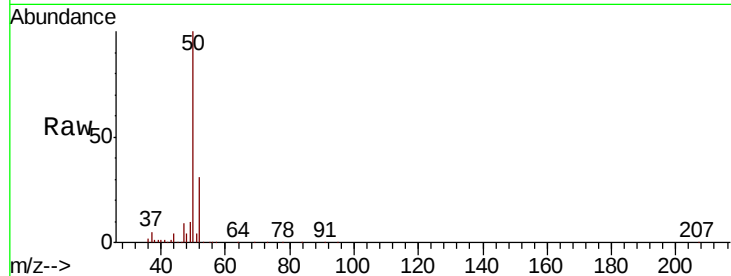
Time-->





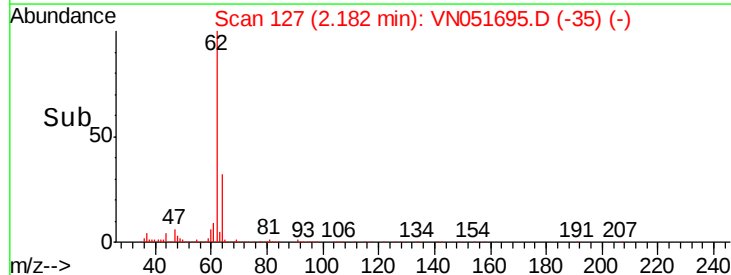
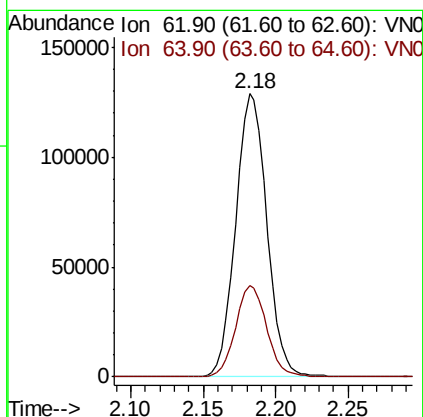
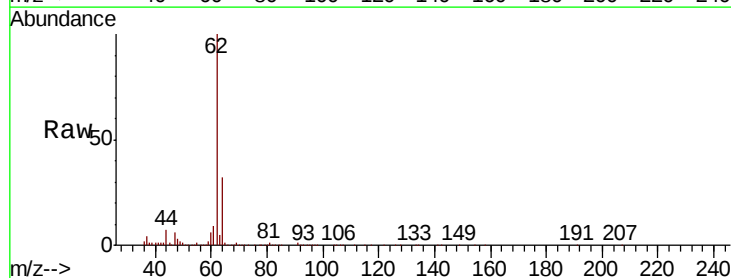
#3  
Chloromethane  
Concen: 23.057 ug/l  
RT: 2.06 min Scan# 88  
Delta R.T. -0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

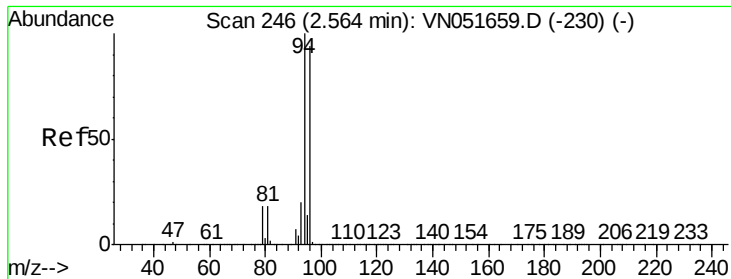
Tot Ion: 50 Resp: 126893  
Ion Ratio Lower Upper  
50 100  
52 31.5 26.6 39.8



#4  
Vinyl Chloride  
Concen: 22.132 ug/l  
RT: 2.18 min Scan# 127  
Delta R.T. -0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

Tgt Ion: 62 Resp: 191869  
Ion Ratio Lower Upper  
62 100  
64 32.4 26.2 39.4





#5

Bromomethane

Concen: 21.109 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051695.D

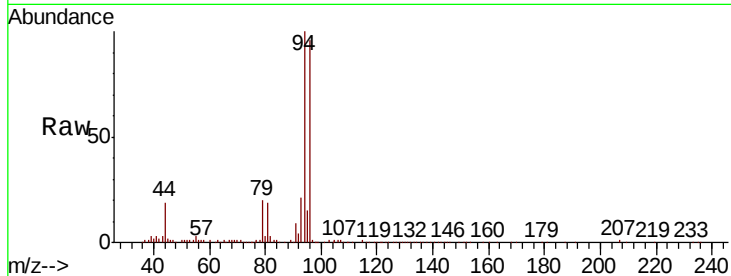
Acq: 5 Oct 2018 19:07

Tot Ion: 94 Resp: 140731

Ion Ratio Lower Upper

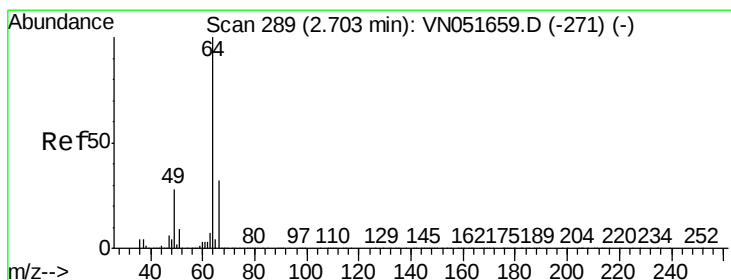
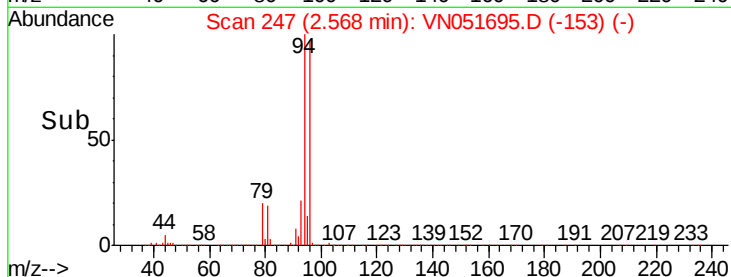
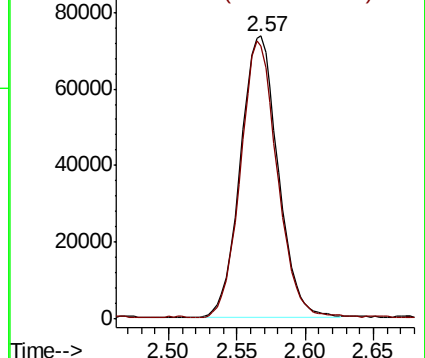
94 100

96 96.3 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: 22.849 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051695.D

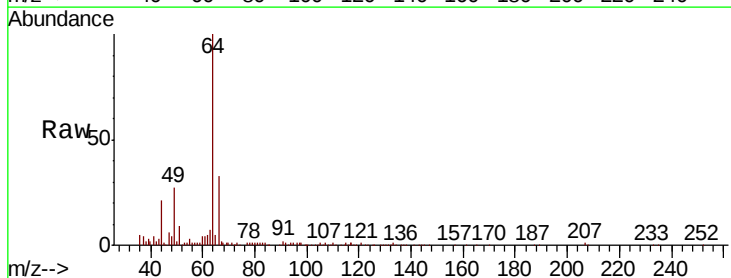
Acq: 5 Oct 2018 19:07

Tgt Ion: 64 Resp: 133134

Ion Ratio Lower Upper

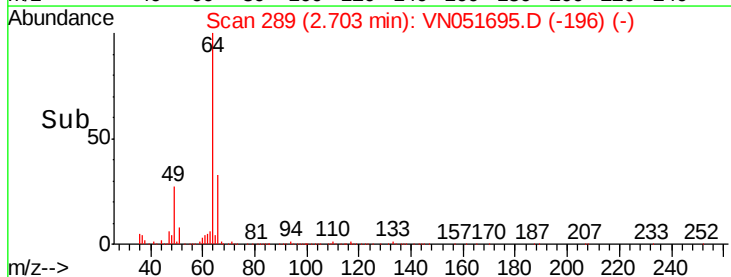
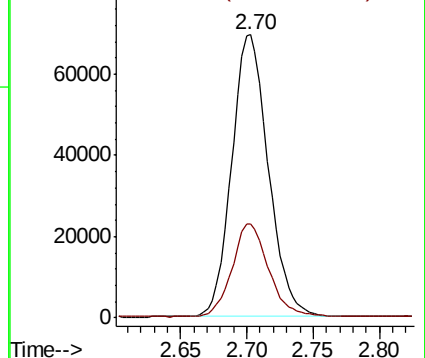
64 100

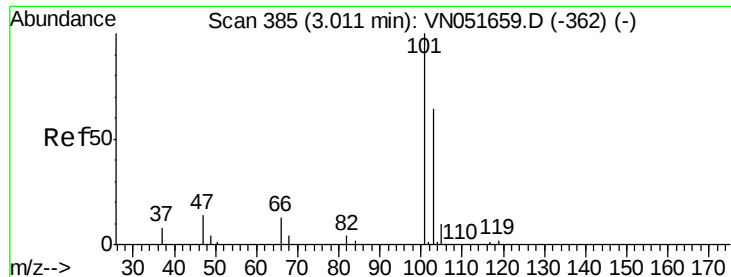
66 32.8 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

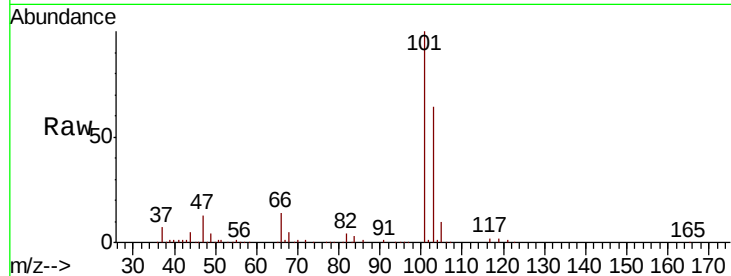




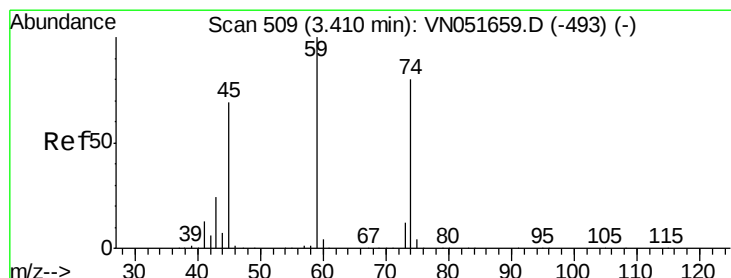
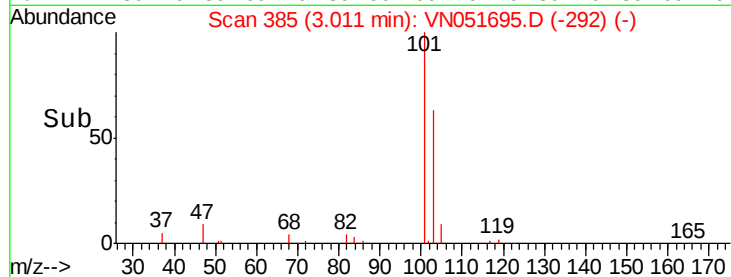
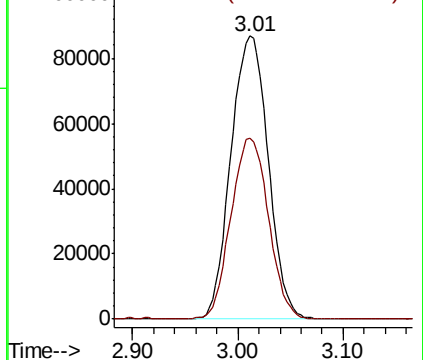
#7

Trichlorofluoromethane  
Concen: 22.944 ug/l  
RT: 3.01 min Scan# 385  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

Tot Ion:101 Resp: 213681  
Ion Ratio Lower Upper  
101 100  
103 63.7 51.1 76.7



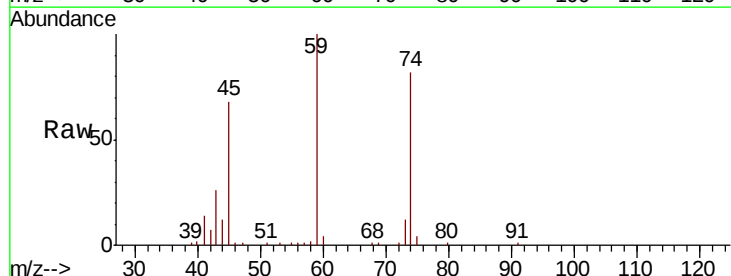
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



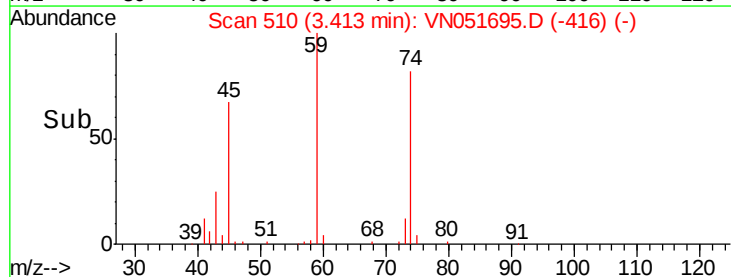
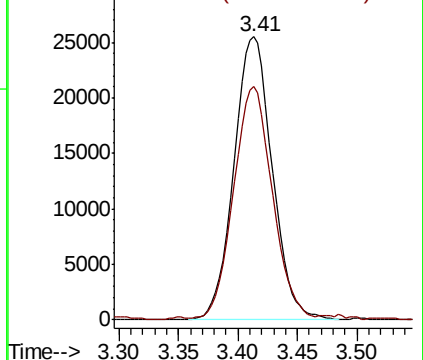
#8

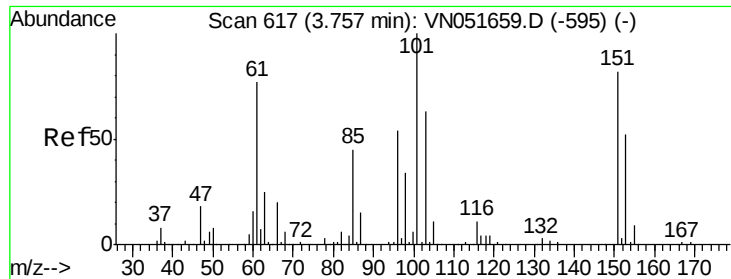
Diethyl Ether  
Concen: 22.505 ug/l  
RT: 3.41 min Scan# 510  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

Tgt Ion: 74 Resp: 56854  
Ion Ratio Lower Upper  
74 100  
45 81.6 44.3 132.9



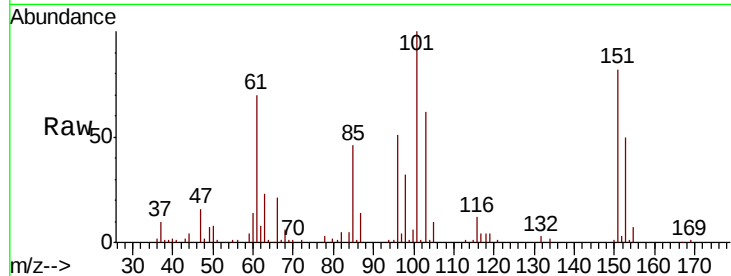
Abundance Ion 74.00 (73.70 to 74.70): V  
Ion 45.00 (44.70 to 45.70): V





#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 21.557 ug/l  
 RT: 3.76 min Scan# 617  
 Delta R.T. 0.00 min  
 Lab File: VN051695.D  
 Acq: 5 Oct 2018 19:07

| Tot Ion   | 101   | Resp  | 103873 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 46.6  | 35.6  | 53.4   |
| 151       | 84.1  | 65.5  | 98.3   |

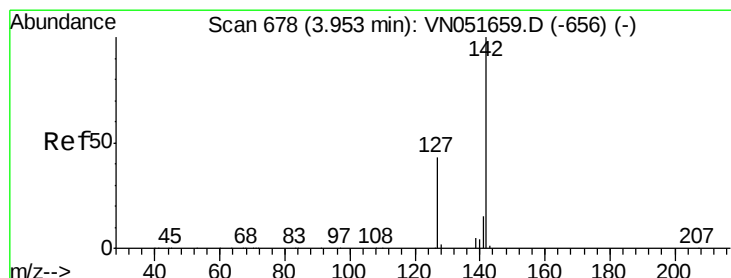
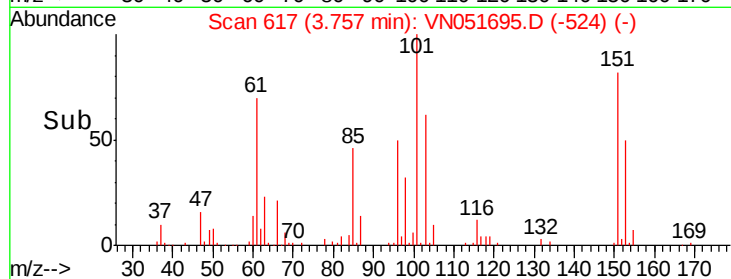
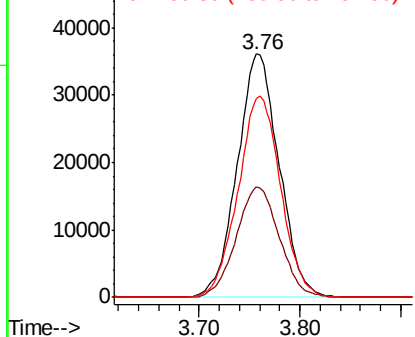


Abundance

Ion 100.90 (100.60 to 101.60): V

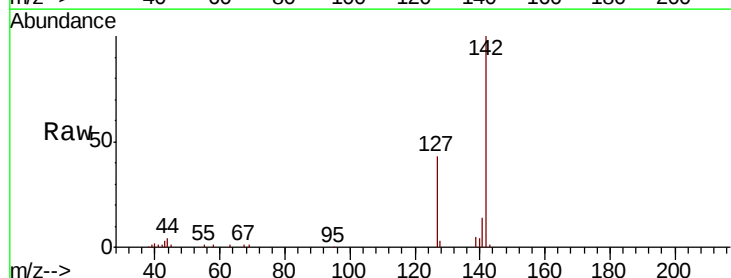
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10  
 Methyl Iodide  
 Concen: 15.940 ug/l  
 RT: 3.95 min Scan# 678  
 Delta R.T. 0.00 min  
 Lab File: VN051695.D  
 Acq: 5 Oct 2018 19:07

| Tgt Ion   | 142   | Resp  | 90908 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.3  | 34.7  | 52.1  |
| 141       | 14.5  | 11.4  | 17.2  |

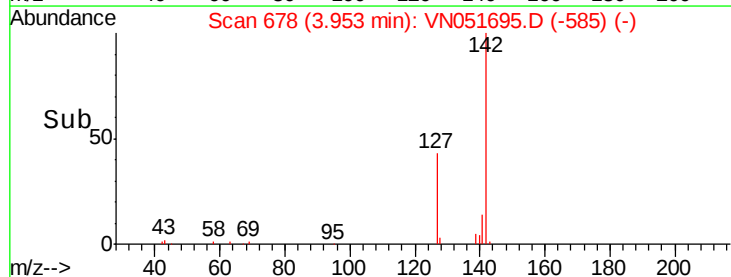
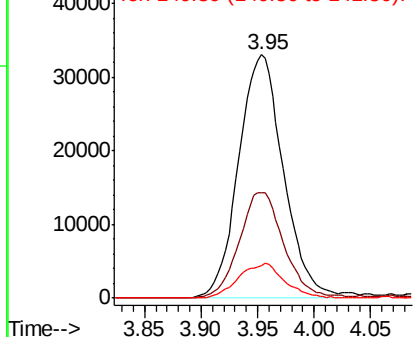


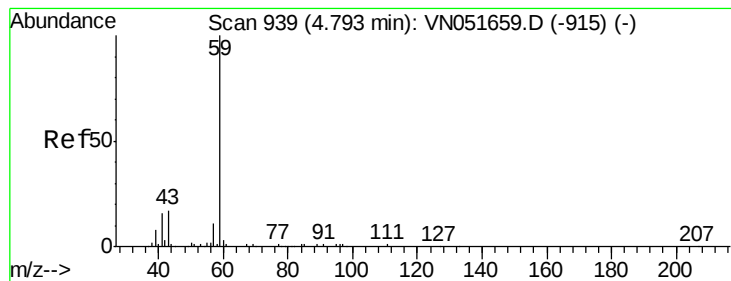
Abundance

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: 100.831 ug/l

RT: 4.79 min Scan# 939

Delta R.T. 0.00 min

Lab File: VN051695.D

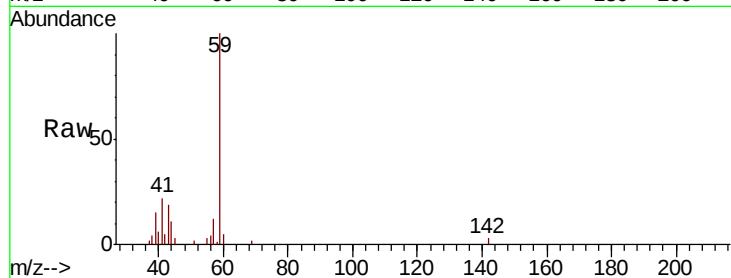
Acq: 5 Oct 2018 19:07

Tot Ion: 59 Resp: 43656

Ion Ratio Lower Upper

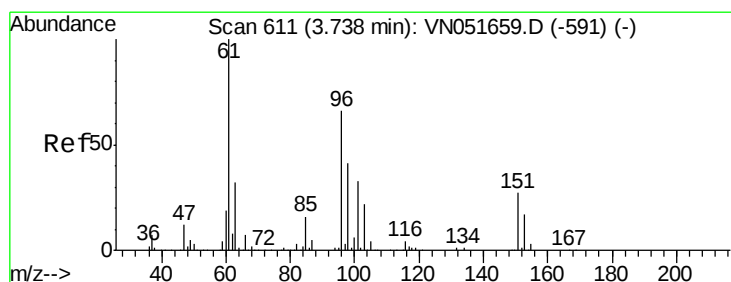
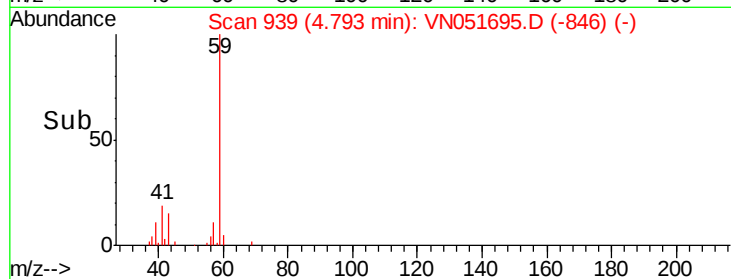
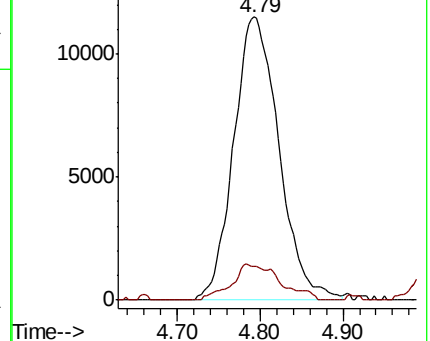
59 100

57 8.7 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 21.531 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

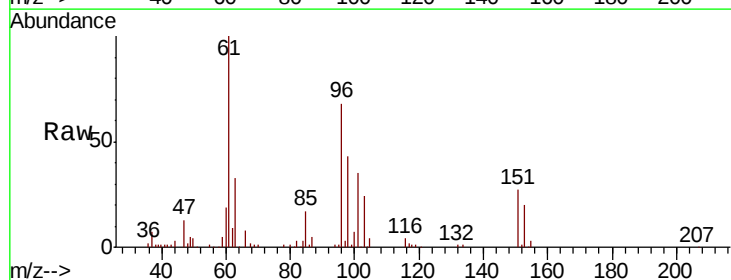
Tgt Ion: 96 Resp: 96696

Ion Ratio Lower Upper

96 100

61 148.1 121.4 182.0

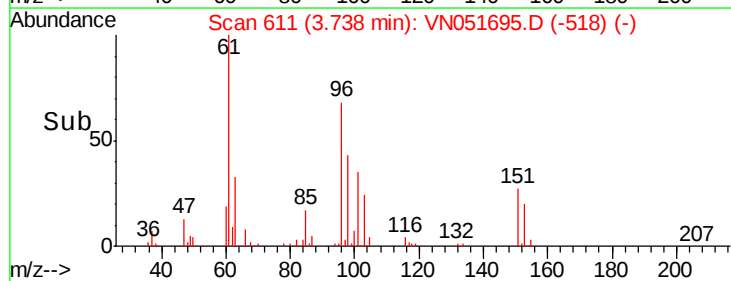
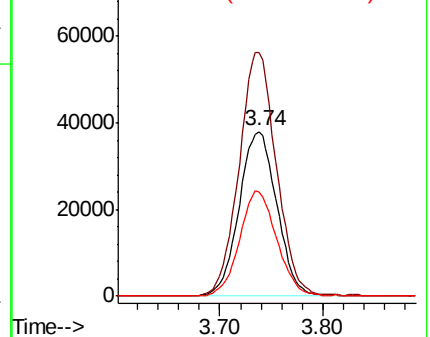
98 63.0 49.9 74.9



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: 101.275 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN051695.D

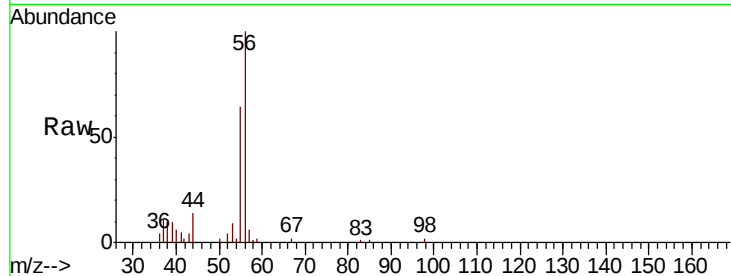
Acq: 5 Oct 2018 19:07

Tot Ion: 56 Resp: 27394

Ion Ratio Lower Upper

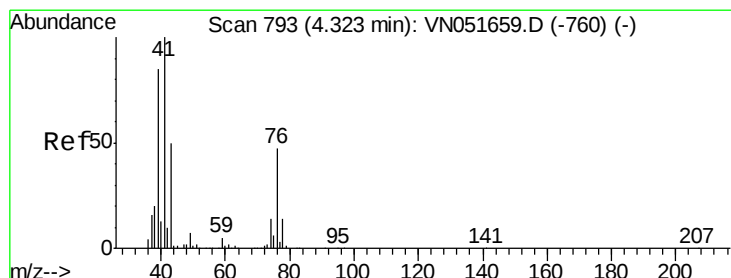
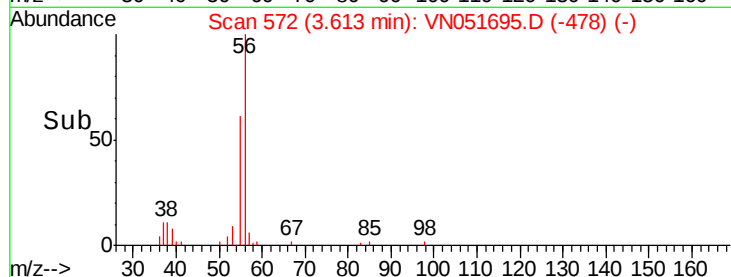
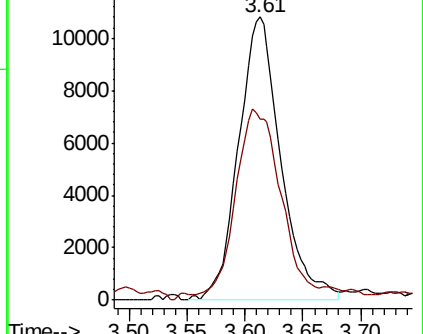
56 100

55 69.1 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.560 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

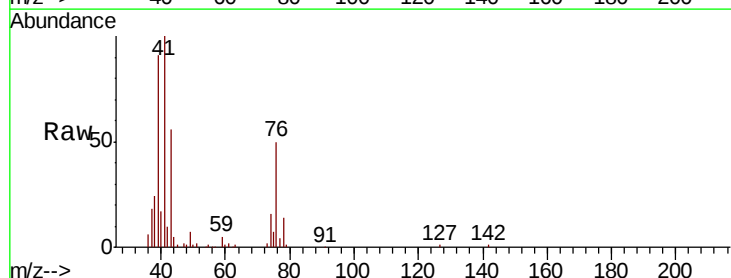
Tgt Ion: 41 Resp: 133979

Ion Ratio Lower Upper

41 100

39 85.8 65.4 98.0

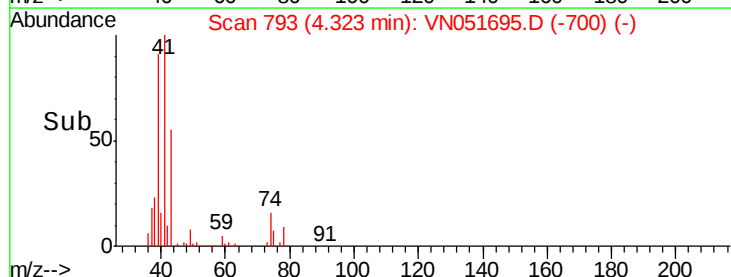
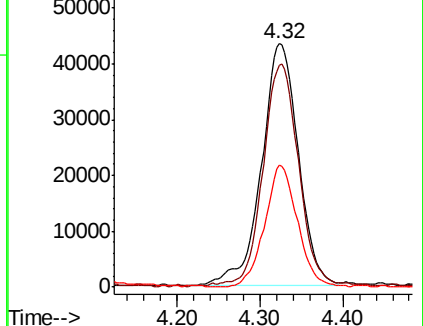
76 45.2 34.3 51.5

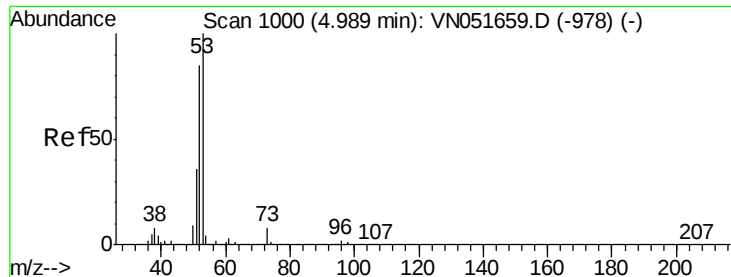


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 102.238 ug/l

RT: 4.99 min Scan# 1001

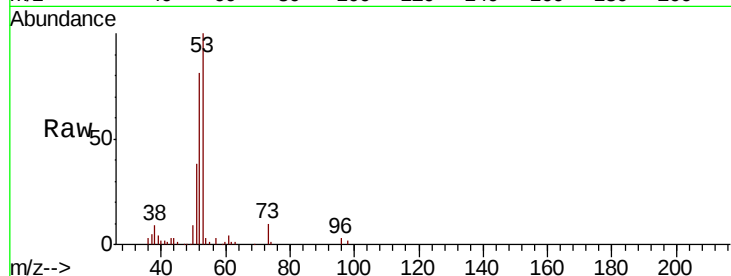
Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

Tot Ion: 53 Resp: 152749

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.3  | 66.2  | 99.2  |
| 51  | 38.8  | 30.3  | 45.5  |

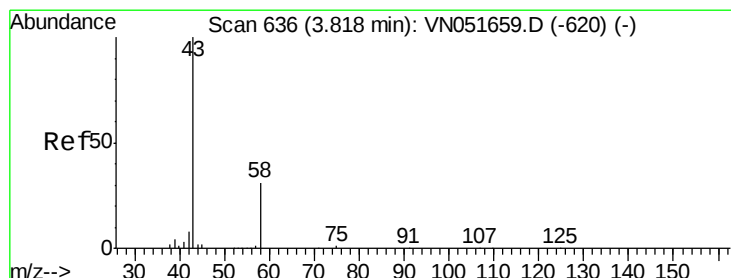
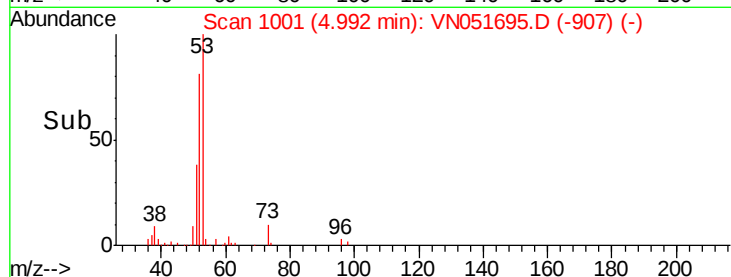
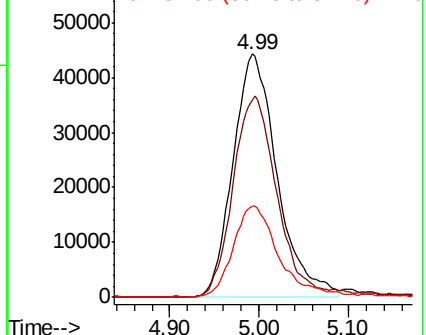


Abundance

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: 98.512 ug/l

RT: 3.82 min Scan# 637

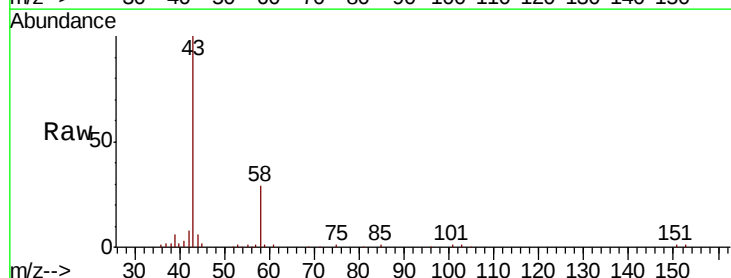
Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

Tgt Ion: 43 Resp: 117295

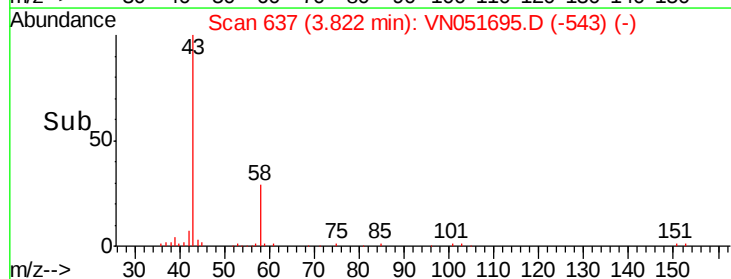
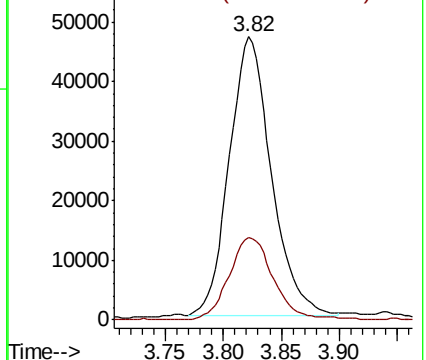
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 29.6  | 24.3  | 36.5  |

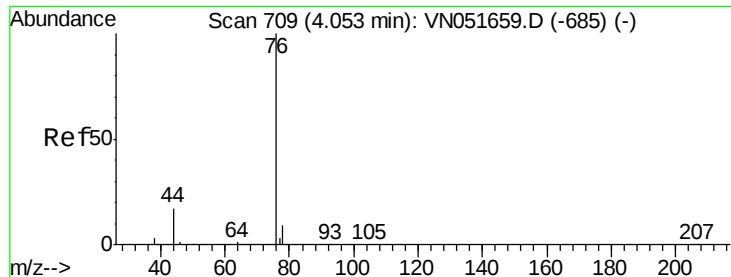


Abundance

Ion 43.00 (42.70 to 43.70): VN0

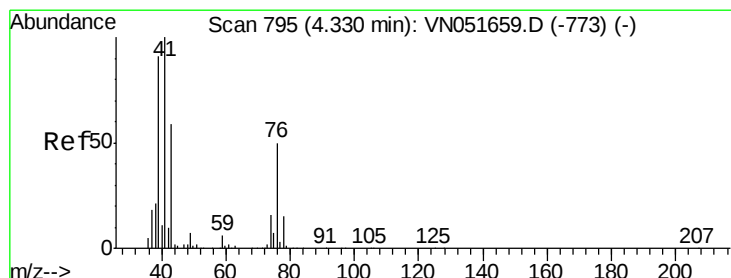
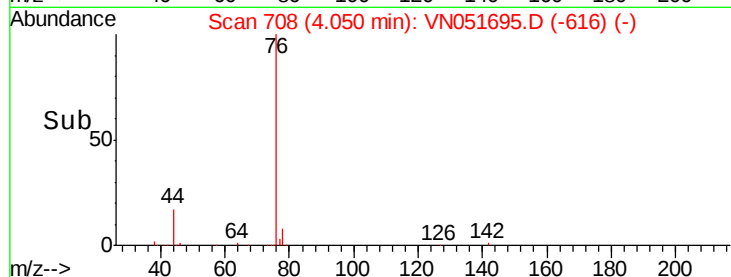
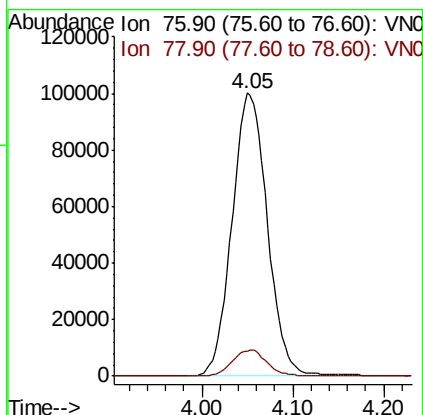
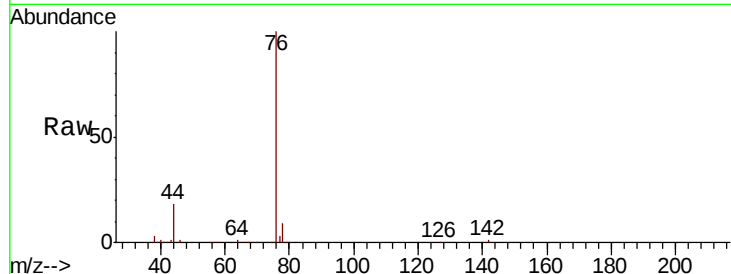
Ion 58.00 (57.70 to 58.70): VN0





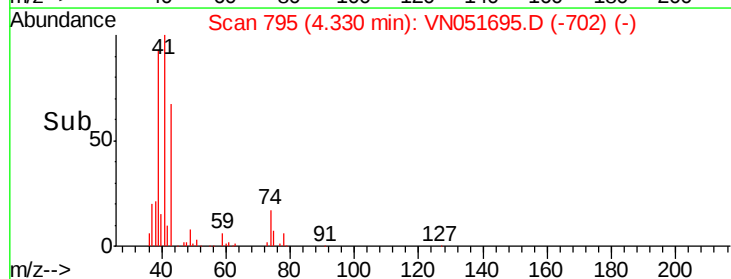
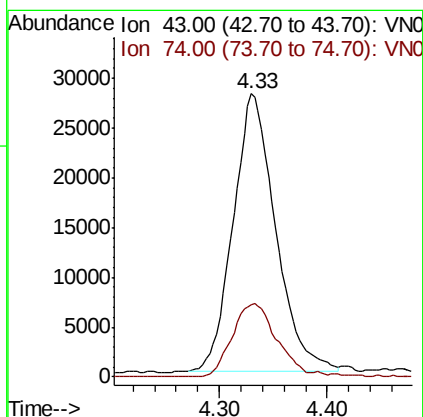
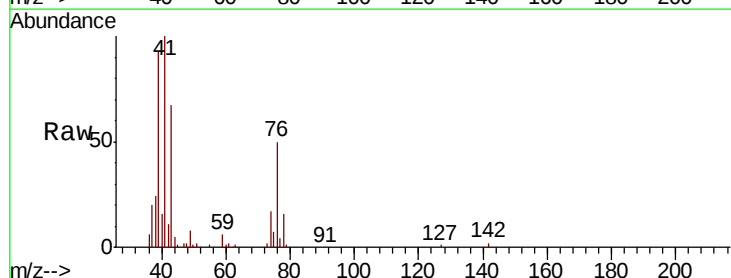
#17  
Carbon Disulfide  
Concen: 19.747 ug/l  
RT: 4.05 min Scan# 708  
Delta R.T. -0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

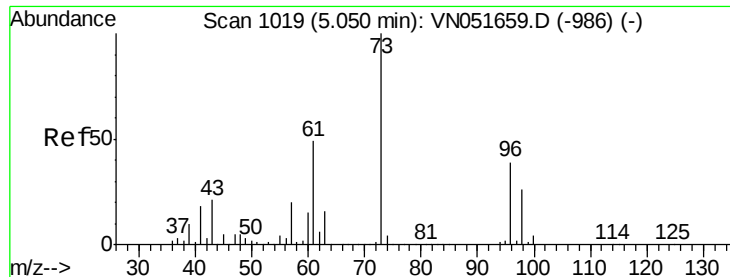
Tot Ion: 76 Resp: 269573  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.2 10.8



#18  
Methyl Acetate  
Concen: 21.767 ug/l  
RT: 4.33 min Scan# 795  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

Tgt Ion: 43 Resp: 76539  
Ion Ratio Lower Upper  
43 100  
74 27.3 21.5 32.3

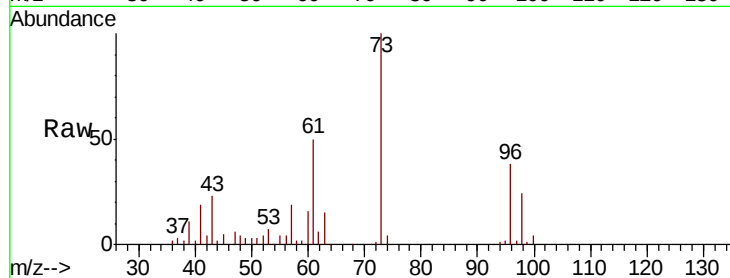




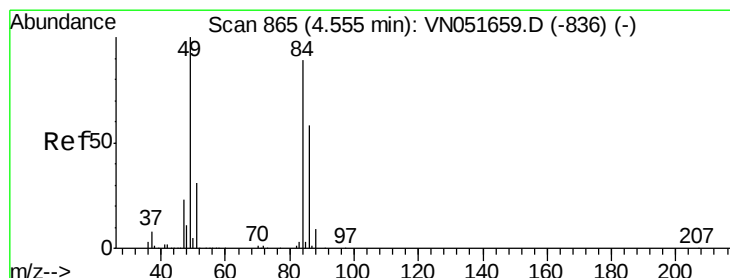
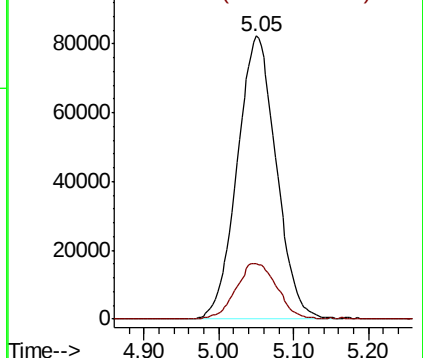
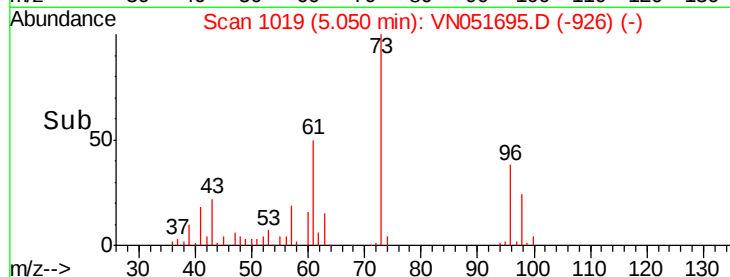
#19

Methyl tert-butyl Ether  
 Concen: 20.086 ug/l  
 RT: 5.05 min Scan# 1019  
 Delta R.T. 0.00 min  
 Lab File: VN051695.D  
 Acq: 5 Oct 2018 19:07

| Tot Ion   | 73   | Resp  | 297750 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 57        | 19.4 | 15.6  | 23.4   |



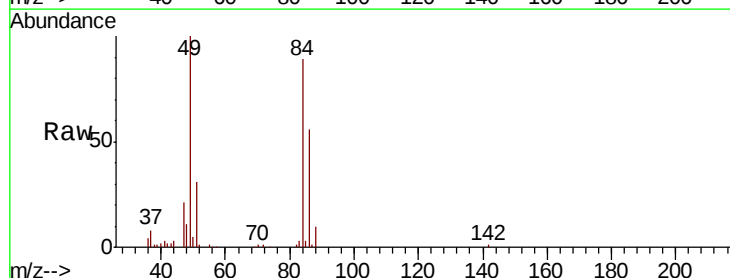
Abundance Ion 73.00 (72.70 to 73.70): VN051695.D (-926) (-)



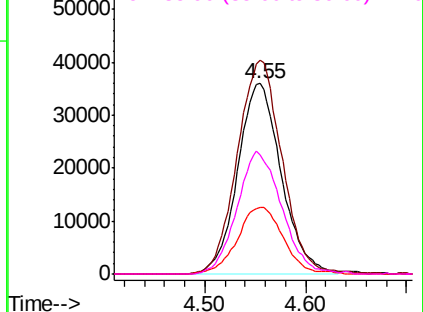
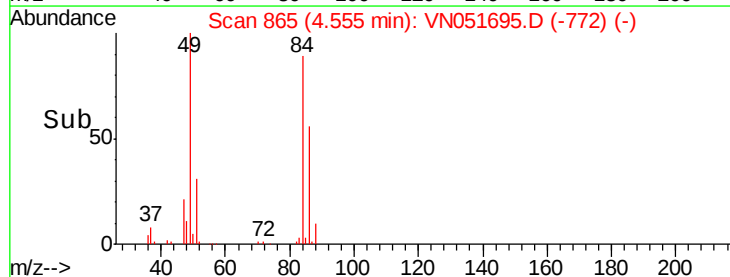
#20

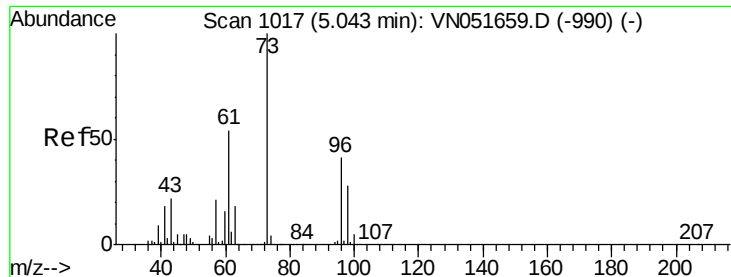
Methylene Chloride  
 Concen: 20.577 ug/l  
 RT: 4.55 min Scan# 865  
 Delta R.T. 0.00 min  
 Lab File: VN051695.D  
 Acq: 5 Oct 2018 19:07

| Tgt Ion   | 84    | Resp  | 107855 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 49        | 112.2 | 89.5  | 134.3  |
| 51        | 35.3  | 27.4  | 41.0   |
| 86        | 62.5  | 51.9  | 77.9   |



Abundance Ion 83.90 (83.60 to 84.60): VN051695.D (-772) (-)

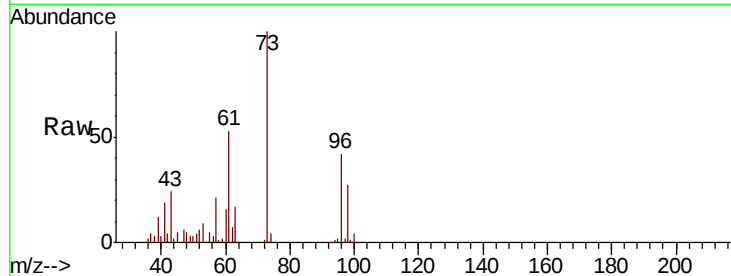




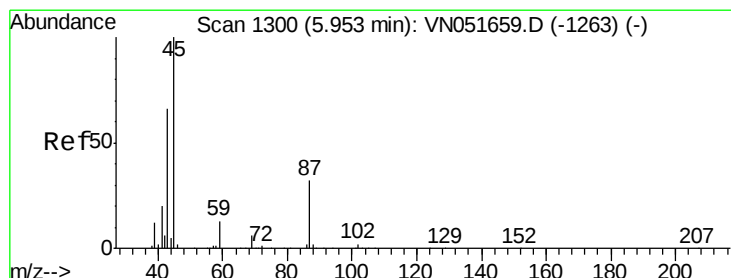
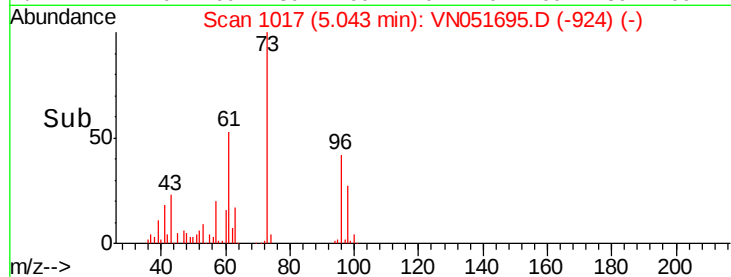
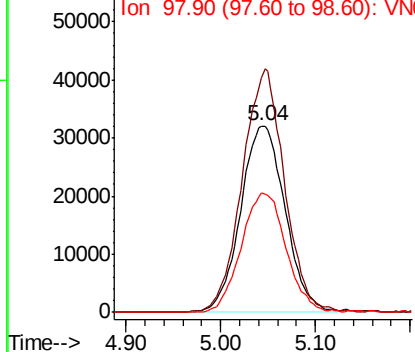
#21

trans-1,2-Dichloroethene  
Concen: 19.691 ug/l  
RT: 5.04 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 125.5 | 104.7 | 157.1 |
| 98      | 63.9  | 54.6  | 82.0  |



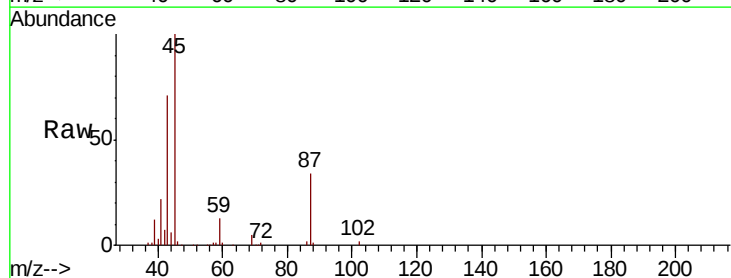
Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0



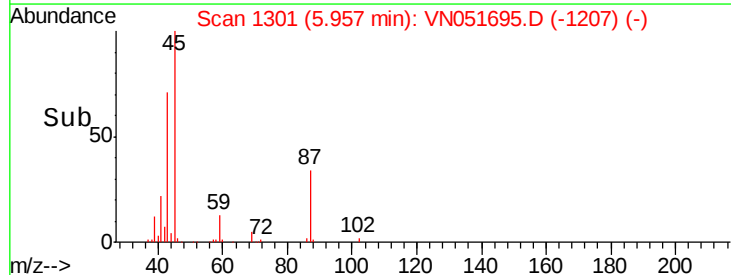
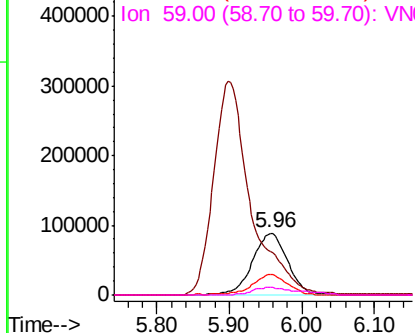
#22

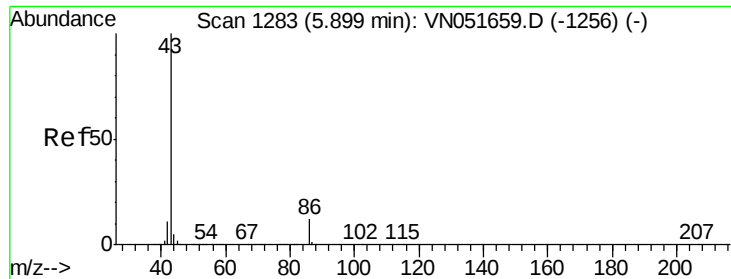
Diisopropyl ether  
Concen: 20.425 ug/l  
RT: 5.96 min Scan# 1301  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 68.9  | 53.0  | 79.4  |
| 87      | 33.7  | 26.4  | 39.6  |
| 59      | 12.5  | 10.0  | 15.0  |



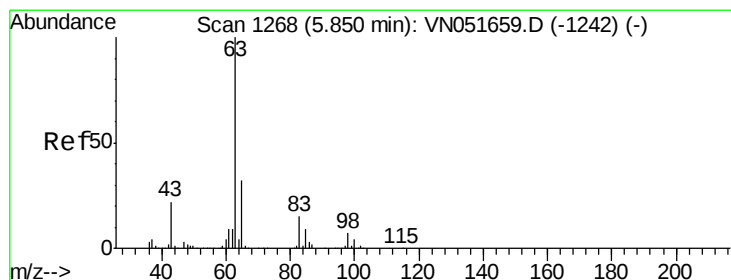
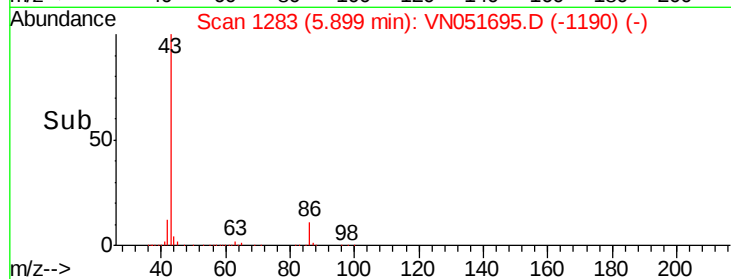
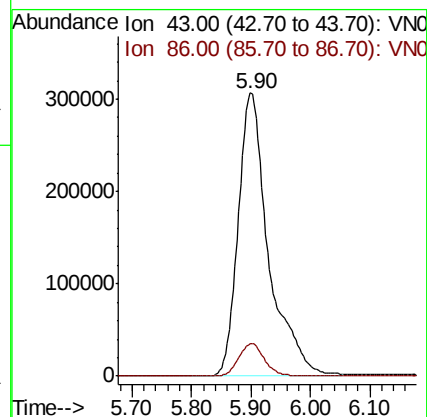
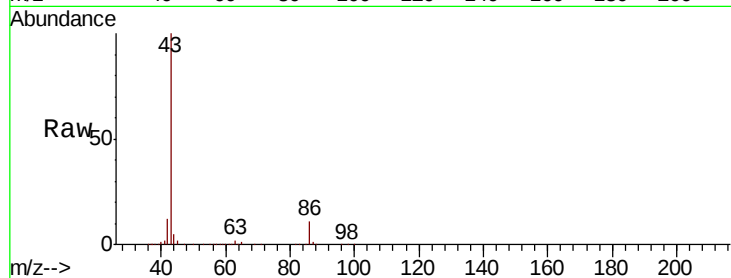
Abundance Ion 45.00 (44.70 to 45.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0  
Ion 59.00 (58.70 to 59.70): VN0





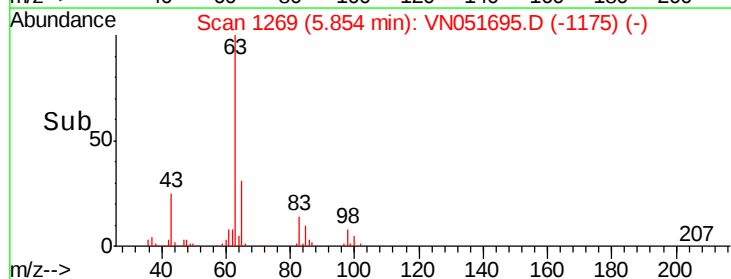
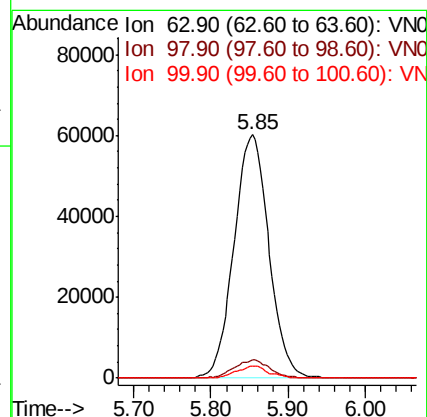
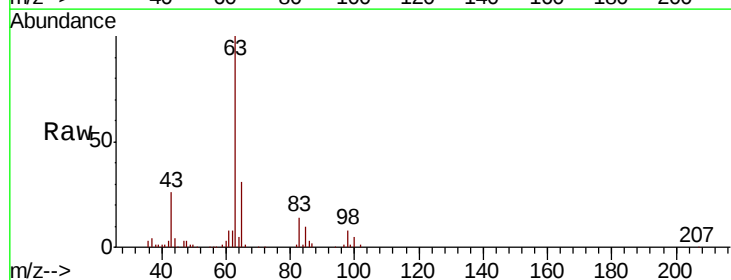
#23  
 Vinyl Acetate  
 Concen: 100.985 ug/l  
 RT: 5.90 min Scan# 1283  
 Delta R.T. 0.00 min  
 Lab File: VN051695.D  
 Acq: 5 Oct 2018 19:07

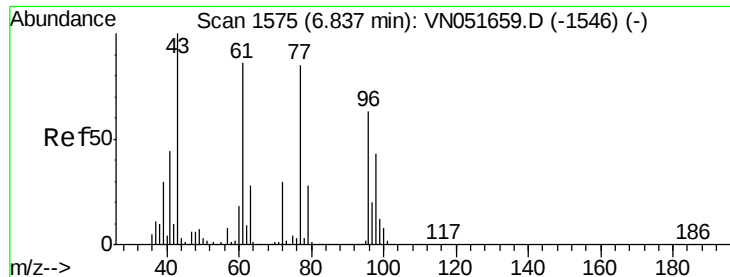
Tot Ion: 43 Resp: 1090244  
 Ion Ratio Lower Upper  
 43 100  
 86 11.4 9.3 13.9



#24  
 1,1-Dichloroethane  
 Concen: 19.947 ug/l  
 RT: 5.85 min Scan# 1269  
 Delta R.T. 0.00 min  
 Lab File: VN051695.D  
 Acq: 5 Oct 2018 19:07

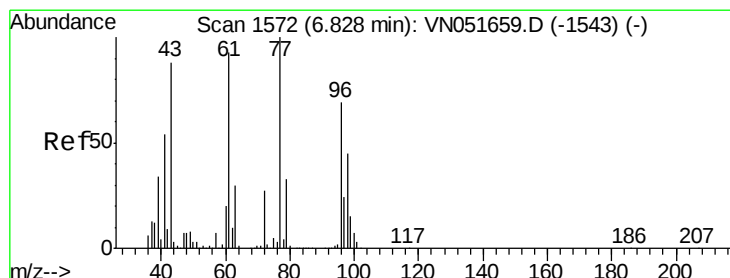
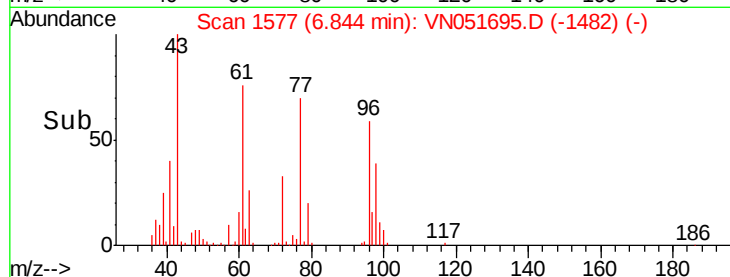
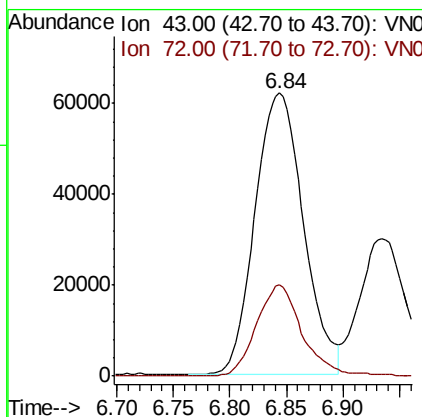
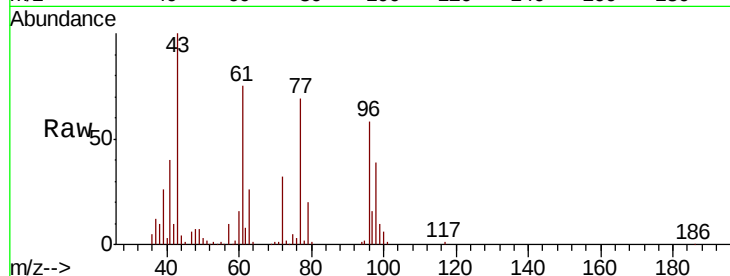
Tgt Ion: 63 Resp: 188363  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.3 9.9  
 100 4.8 2.2 6.6





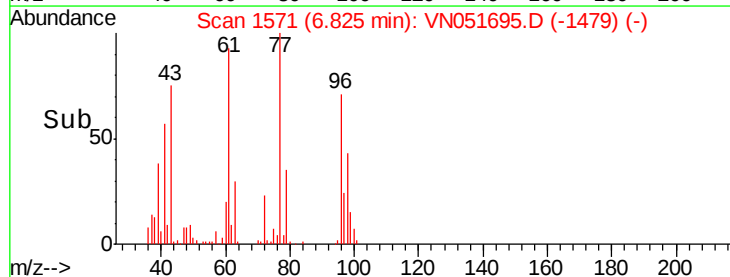
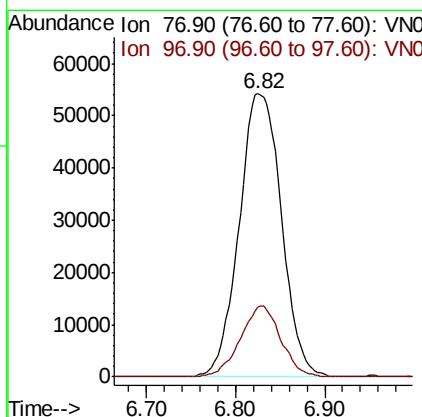
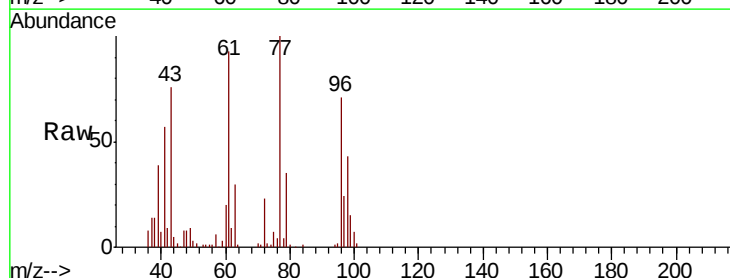
#25  
2-Butanone  
Concen: 100.249 ug/l  
RT: 6.84 min Scan# 1577  
Delta R.T. 0.01 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

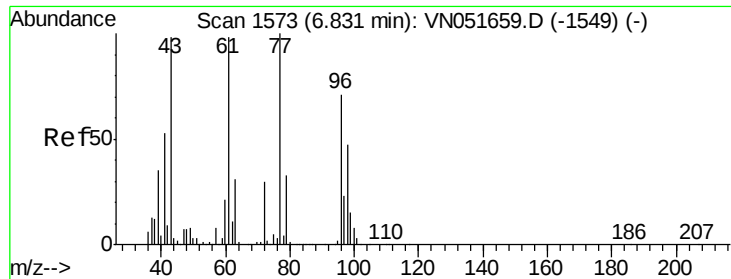
Tot Ion: 43 Resp: 184420  
Ion Ratio Lower Upper  
43 100  
72 32.7 24.2 36.2



#26  
2,2-Dichloropropane  
Concen: 18.832 ug/l  
RT: 6.82 min Scan# 1571  
Delta R.T. -0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

Tgt Ion: 77 Resp: 178207  
Ion Ratio Lower Upper  
77 100  
97 23.9 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.677 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

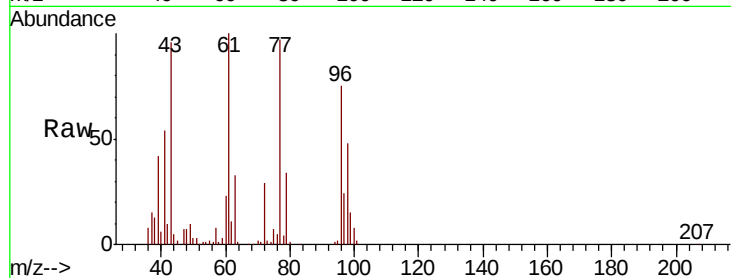
Tot Ion: 96 Resp: 121567

Ion Ratio Lower Upper

96 100

61 136.1 0.0 275.4

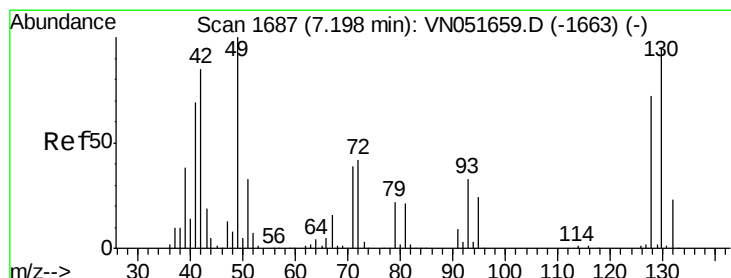
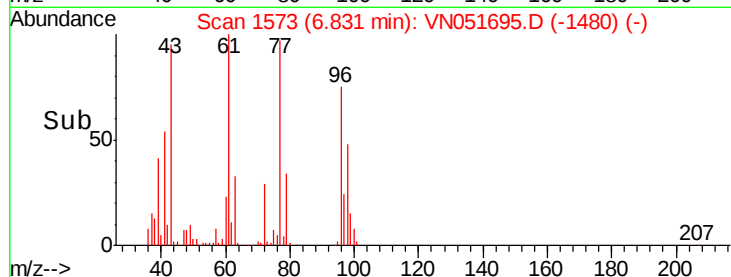
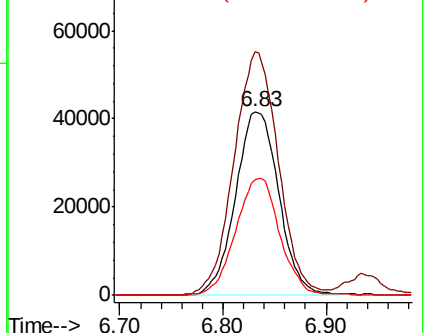
98 65.3 0.0 129.6



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: 19.765 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

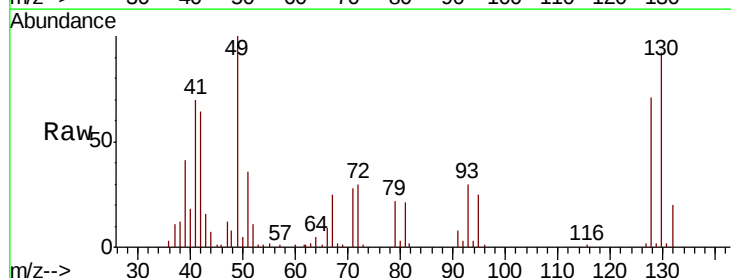
Tgt Ion: 49 Resp: 82629

Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.8

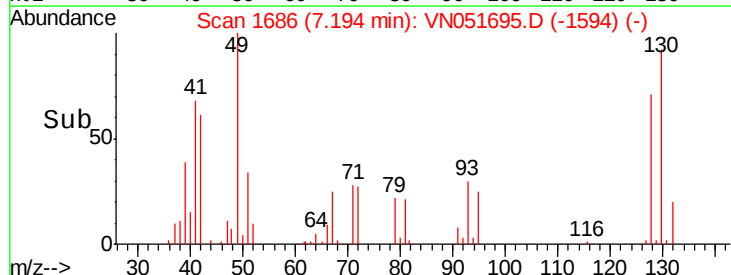
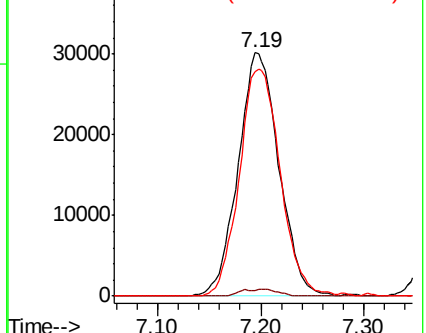
130 93.8 75.7 113.5



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: 105.903 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

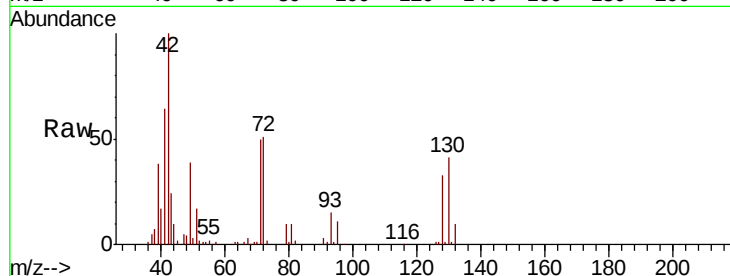
Tot Ion: 42 Resp: 119555

Ion Ratio Lower Upper

42 100

72 50.8 40.1 60.1

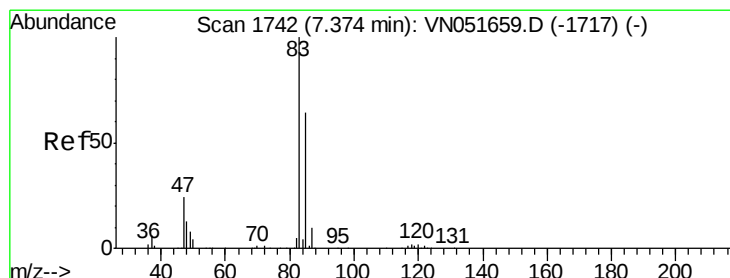
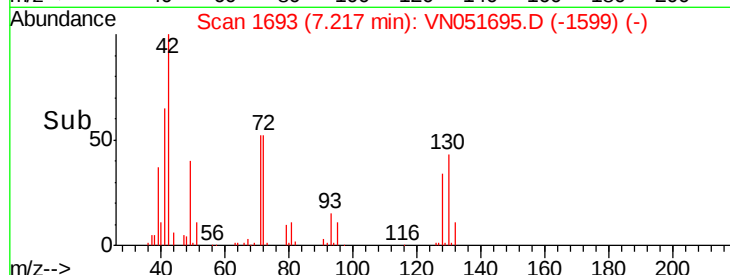
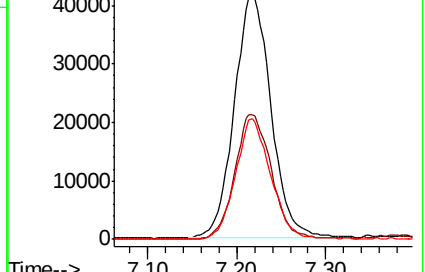
71 47.5 38.0 57.0



Abundance Ion 42.00 (41.70 to 42.70): VN051695.D (-1662) (-)

Ion 72.00 (71.70 to 72.70): VN051695.D (-1662) (-)

Ion 71.00 (70.70 to 71.70): VN051695.D (-1662) (-)



#30

Chloroform

Concen: 19.863 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051695.D

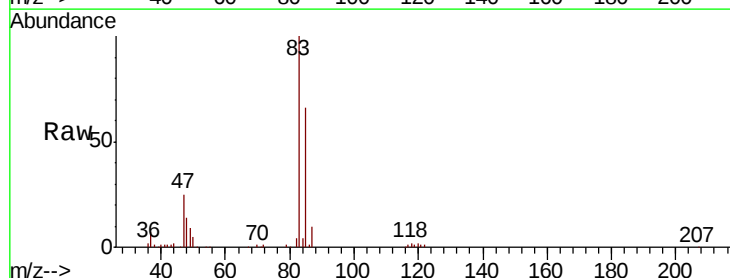
Acq: 5 Oct 2018 19:07

Tgt Ion: 83 Resp: 210747

Ion Ratio Lower Upper

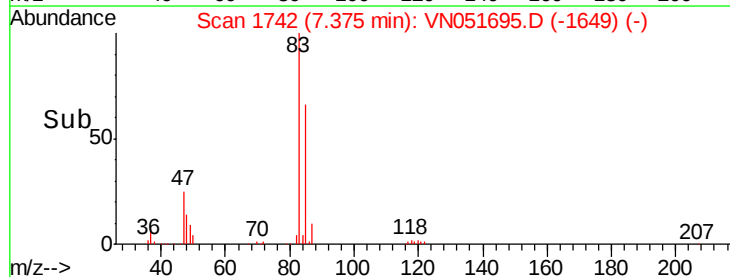
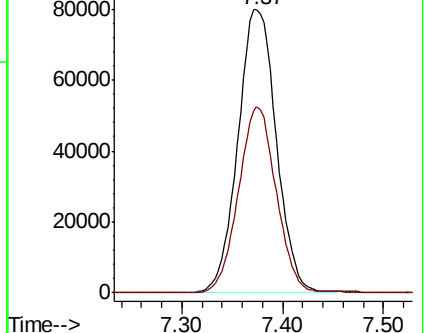
83 100

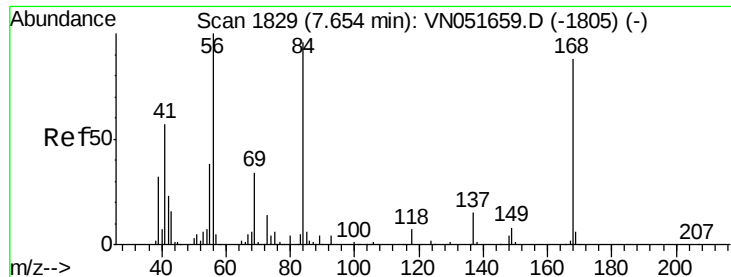
85 65.6 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VN051695.D (-1662) (-)

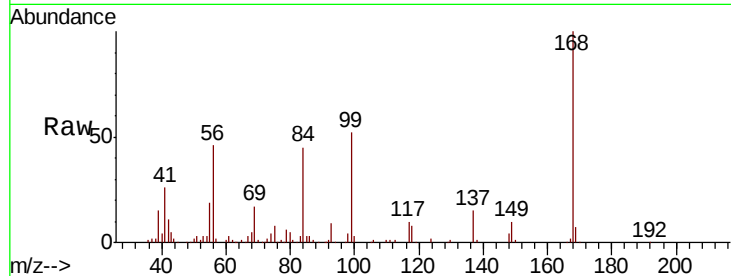
Ion 84.90 (84.60 to 85.60): VN051695.D (-1662) (-)



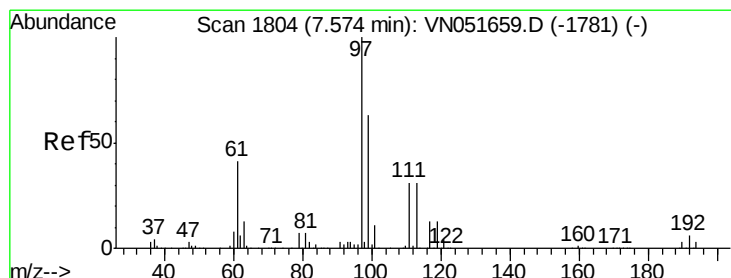
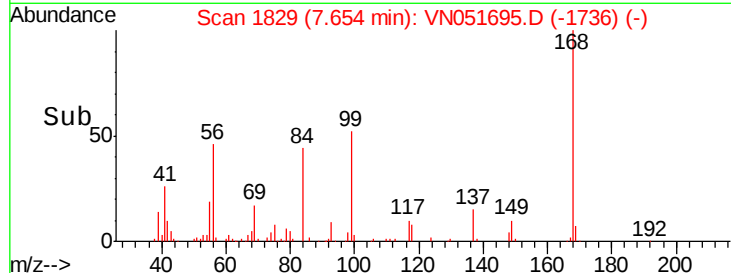
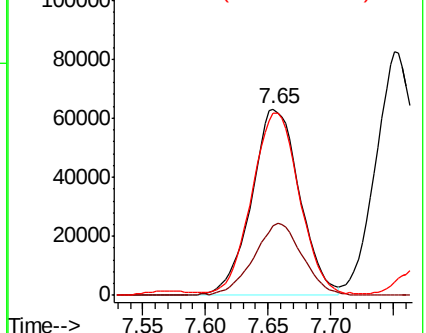


#31  
Cyclohexane  
Concen: 19.441 ug/l  
RT: 7.65 min Scan# 1829  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

Tot Ion: 56 Resp: 168129  
Ion Ratio Lower Upper  
56 100  
69 37.0 27.5 41.3  
84 95.8 76.7 115.1

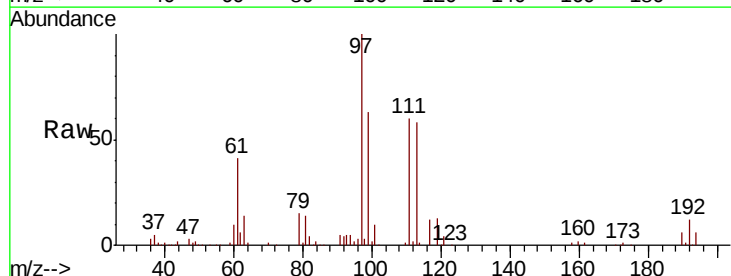


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

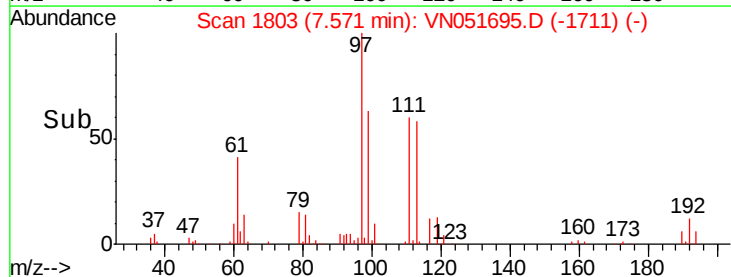
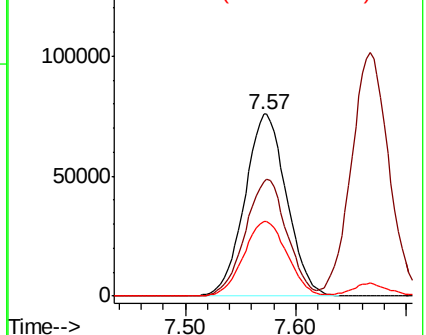


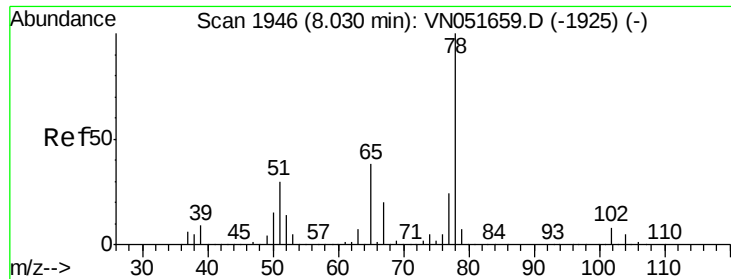
#32  
1,1,1-Trichloroethane  
Concen: 19.385 ug/l  
RT: 7.57 min Scan# 1803  
Delta R.T. -0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

Tgt Ion: 97 Resp: 199358  
Ion Ratio Lower Upper  
97 100  
99 63.8 51.9 77.9  
61 42.5 33.4 50.0



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: 19.385 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051695.D

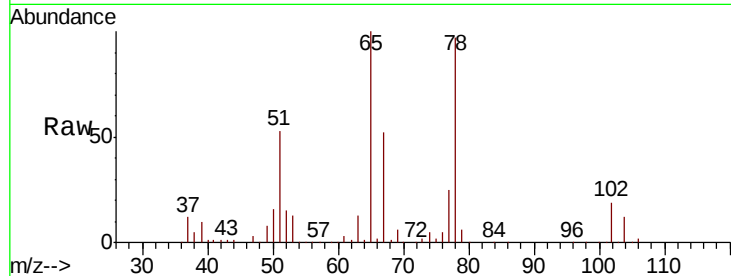
Acq: 5 Oct 2018 19:07

Tot Ion: 65 Resp: 316387

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051695.D (-1853) (-)

Ion 66.90 (66.60 to 67.60): VN051695.D (-1853) (-)

8.03

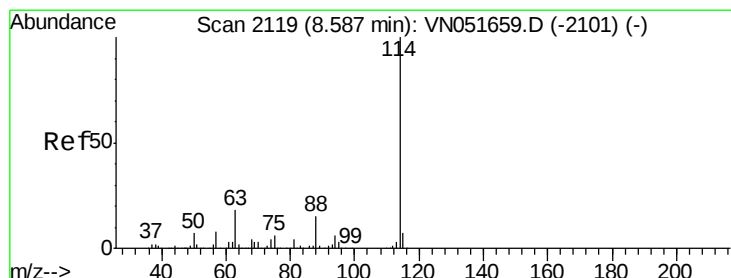
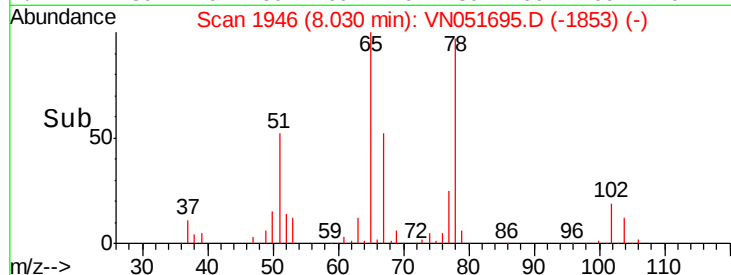
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

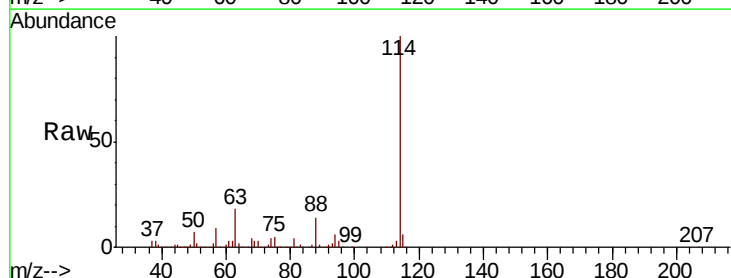
Tgt Ion: 114 Resp: 744697

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.2

88 14.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN051695.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN051695.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN051695.D (-2026) (-)

8.59

500000

400000

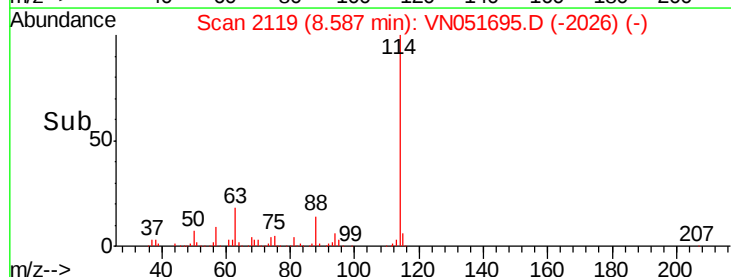
300000

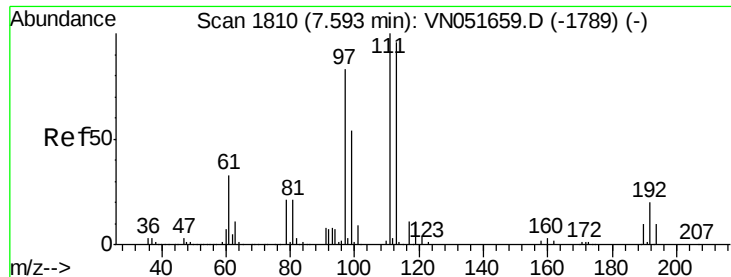
200000

100000

0

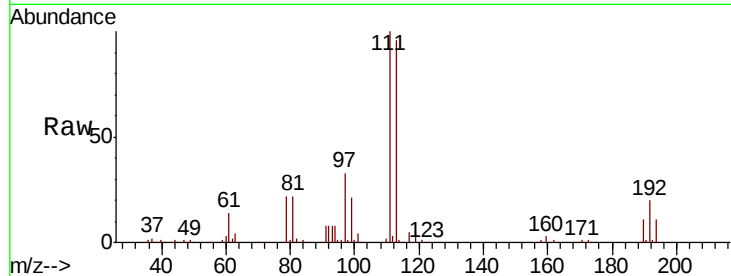
Time-->





#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN051695.D  
 Acq: 5 Oct 2018 19:07

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.0 | 81.8  | 122.8 |
| 192     | 21.1  | 16.5  | 24.7  |

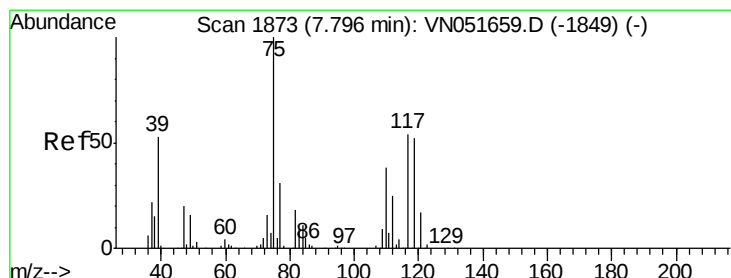
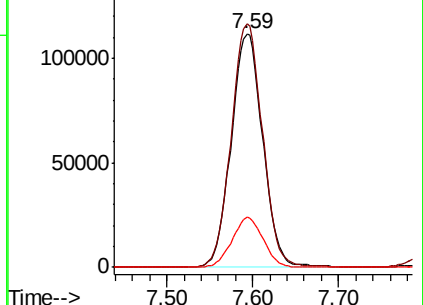
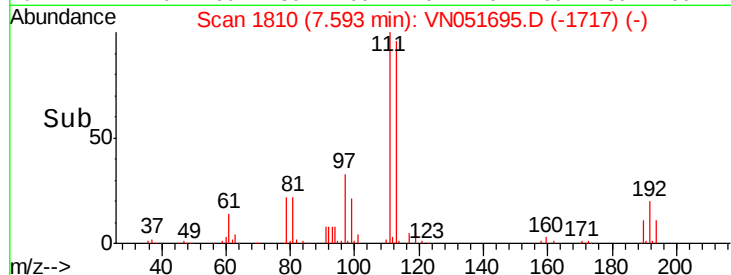


Abundance

Ion 112.80 (112.50 to 113.50): V

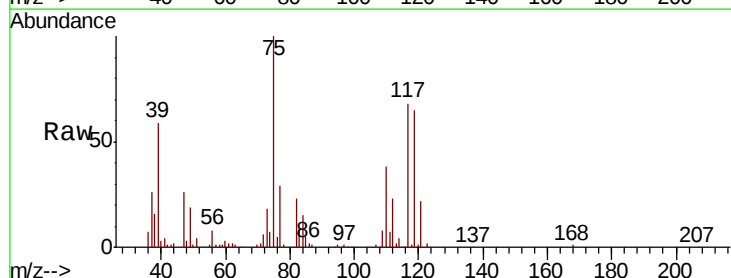
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36  
 1,1-Dichloropropene  
 Concen: 19.141 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. -0.00 min  
 Lab File: VN051695.D  
 Acq: 5 Oct 2018 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 38.8  | 19.3  | 57.8  |
| 77      | 30.0  | 24.7  | 37.1  |

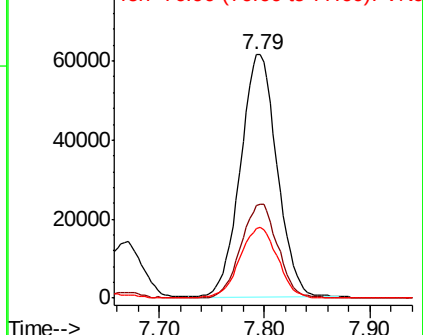
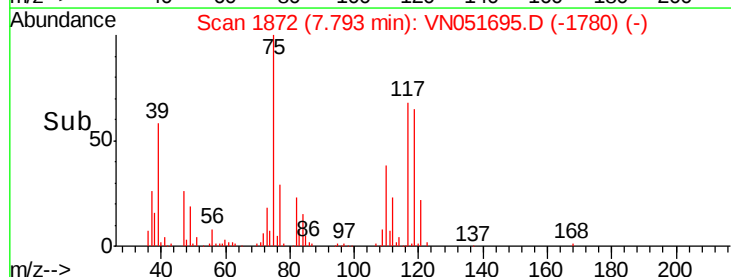


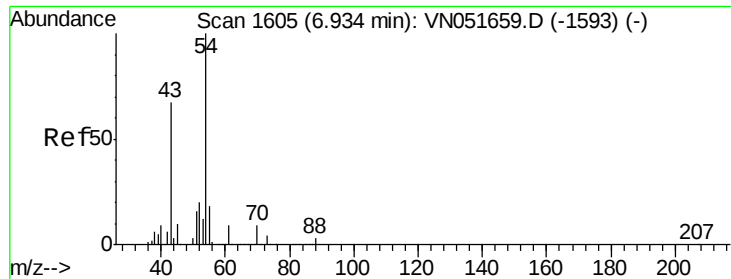
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

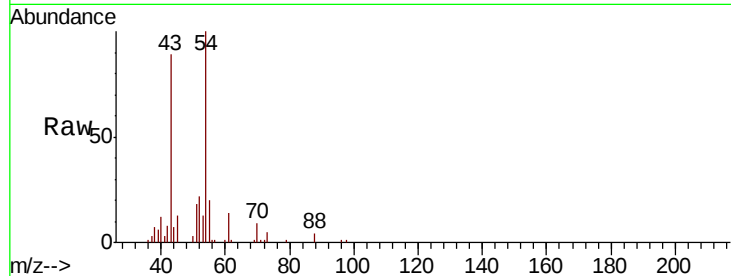
Ion 76.90 (76.60 to 77.60): V



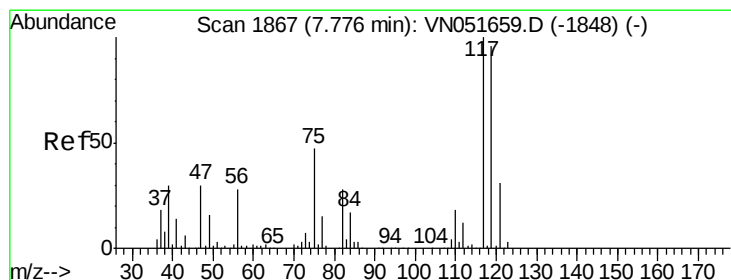
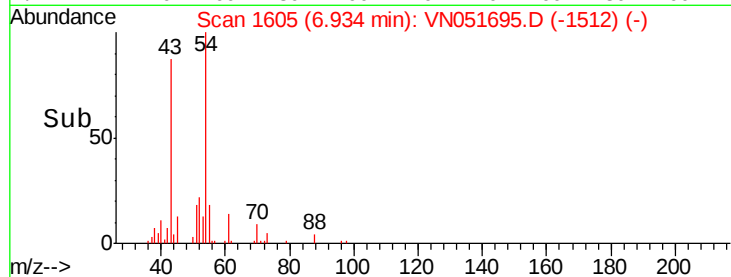
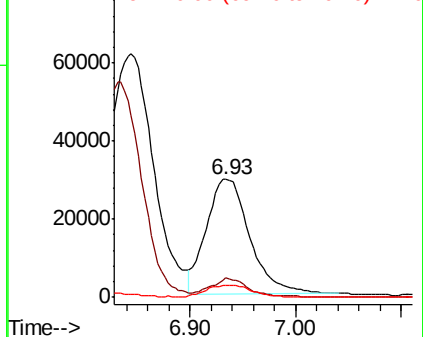


#37  
Ethyl Acetate  
Concen: 20.974 ug/l  
RT: 6.93 min Scan# 1605  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

Tot Ion: 43 Resp: 85150  
Ion Ratio Lower Upper  
43 100  
61 12.7 11.8 17.6  
70 11.3 8.7 13.1

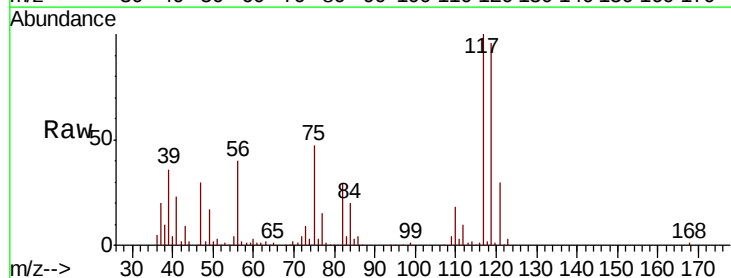


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

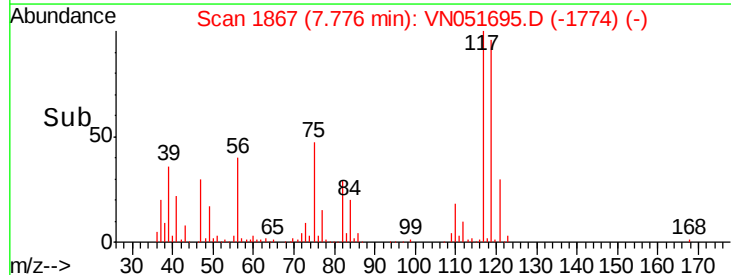
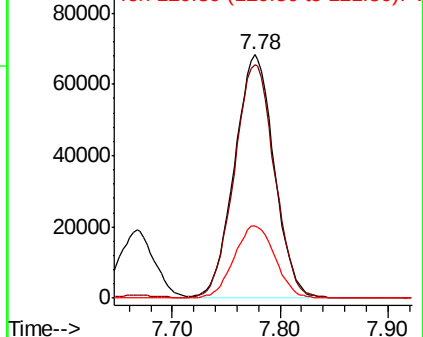


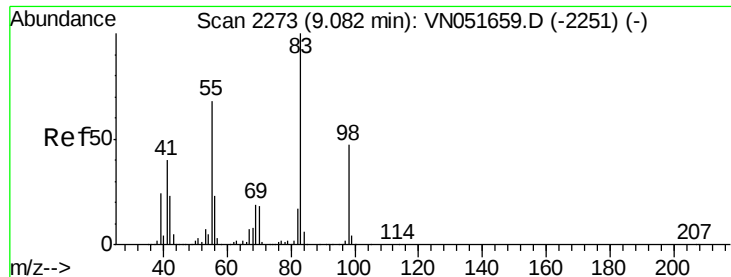
#38  
Carbon Tetrachloride  
Concen: 18.713 ug/l  
RT: 7.78 min Scan# 1867  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

Tgt Ion: 117 Resp: 174787  
Ion Ratio Lower Upper  
117 100  
119 95.9 77.0 115.6  
121 29.8 25.0 37.6



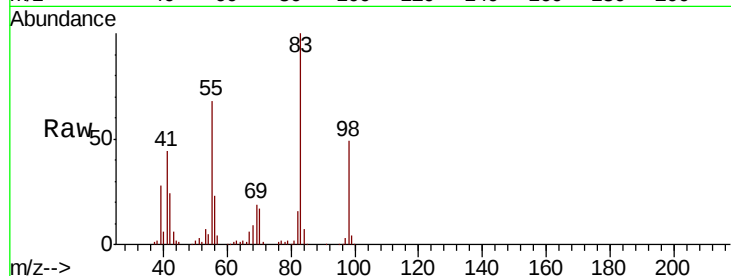
Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V



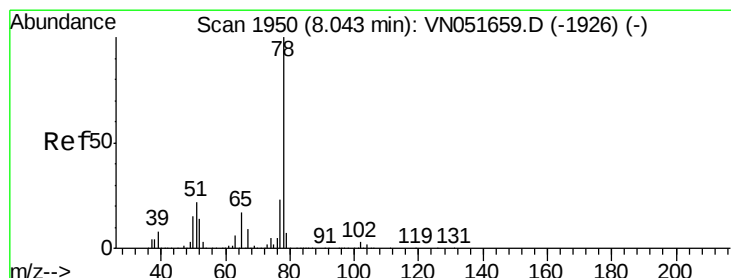
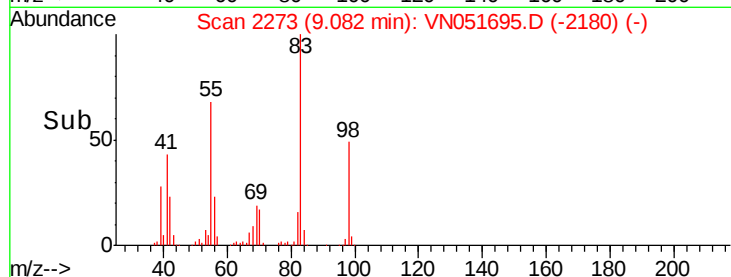
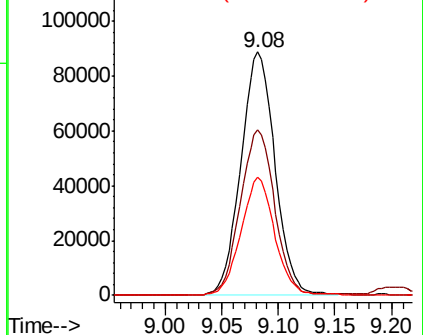


#39  
Methvlcvclohexane  
Concen: 19.130 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

| Tot Ion   | 83   | Resp  | 186919 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 55        | 67.6 | 54.3  | 81.5   |
| 98        | 48.6 | 37.4  | 56.2   |

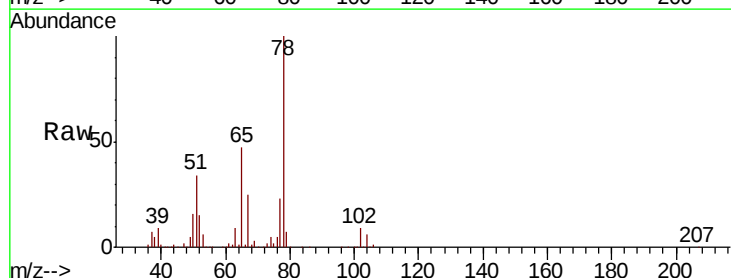


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

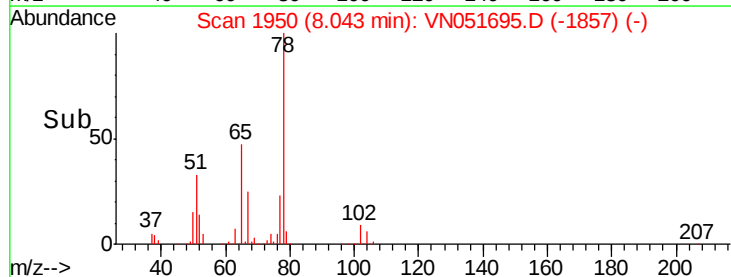
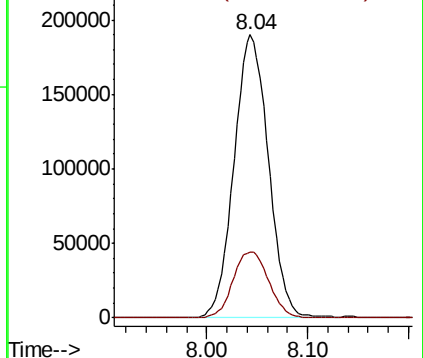


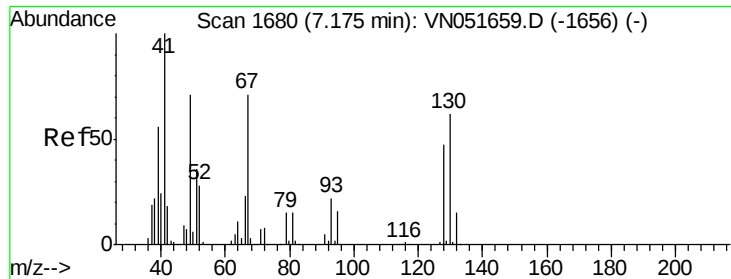
#40  
Benzene  
Concen: 19.470 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

| Tgt Ion   | 78   | Resp  | 449270 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 77        | 23.2 | 18.5  | 27.7   |



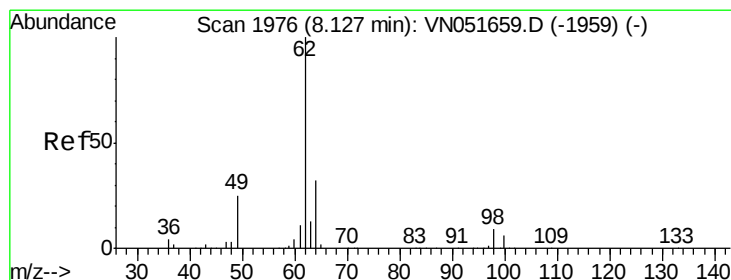
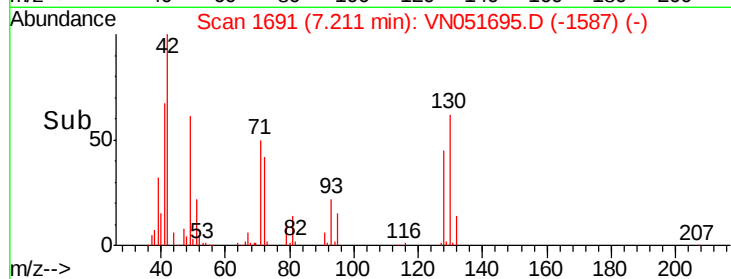
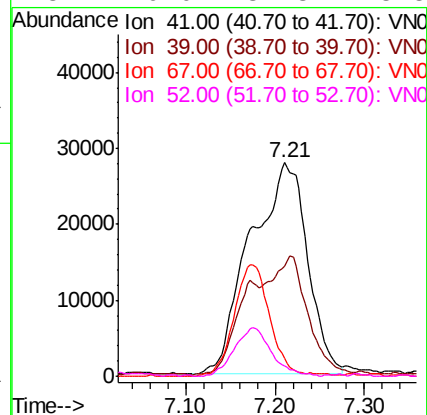
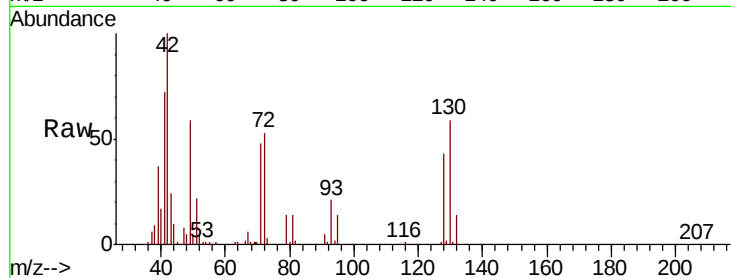
Abundance Ion 78.00 (77.70 to 78.70): VN0  
Ion 77.00 (76.70 to 77.70): VN0





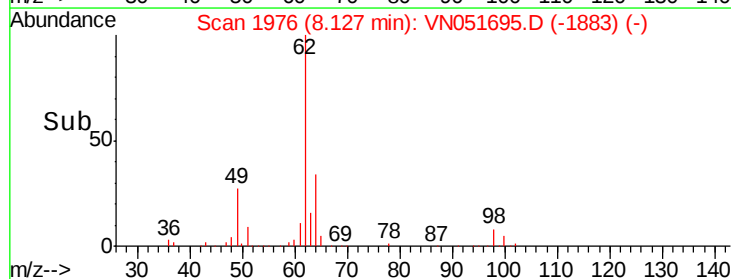
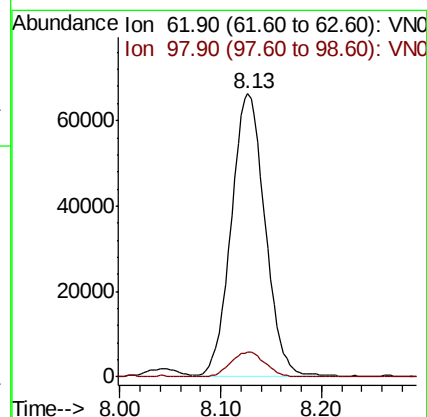
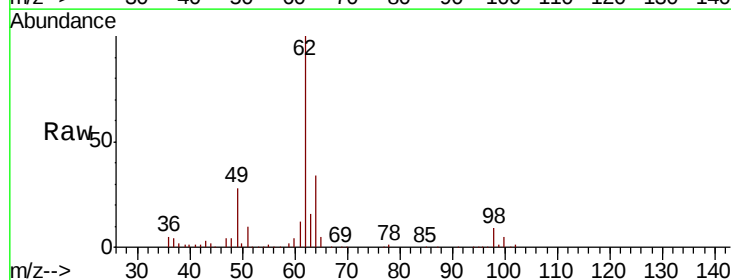
#41  
Methacrylonitrile  
Concen: 59.039 ug/l  
RT: 7.21 min Scan# 1691  
Delta R.T. 0.04 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

Tot Ion: 41 Resp: 123380  
Ion Ratio Lower Upper  
41 100  
39 0.0 53.9 80.9#  
67 0.0 78.1 117.1#  
52 0.0 32.3 48.5#



#42  
1,2-Dichloroethane  
Concen: 19.769 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

Tgt Ion: 62 Resp: 153735  
Ion Ratio Lower Upper  
62 100  
98 9.0 0.0 18.4

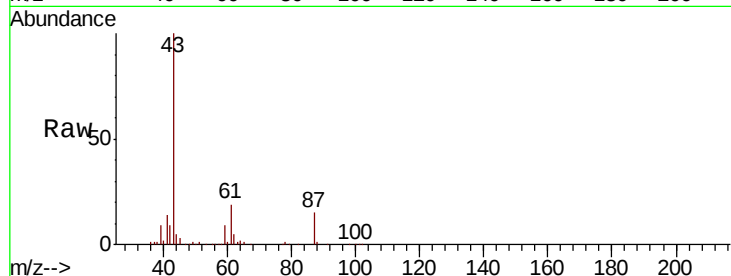




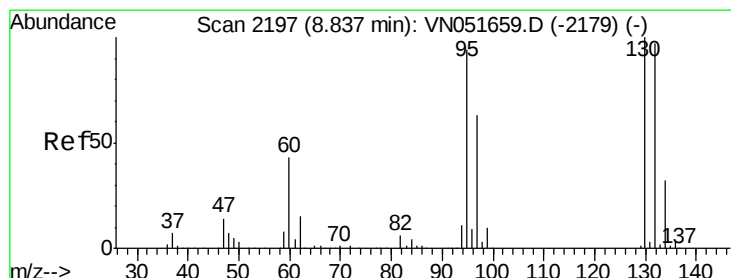
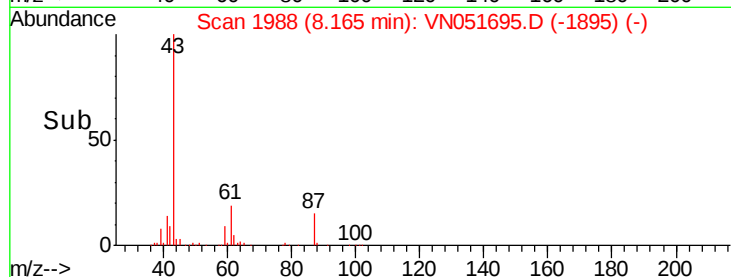
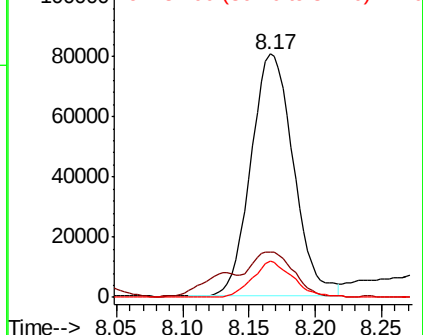
#43

Isopropyl Acetate  
 Concen: 21.288 ug/l  
 RT: 8.17 min Scan# 1988  
 Delta R.T. 0.00 min  
 Lab File: VN051695.D  
 Acq: 5 Oct 2018 19:07

| Tot Ion   | 43   | Resp  | 180186 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 61        | 18.2 | 15.8  | 23.6   |
| 87        | 14.2 | 12.6  | 19.0   |



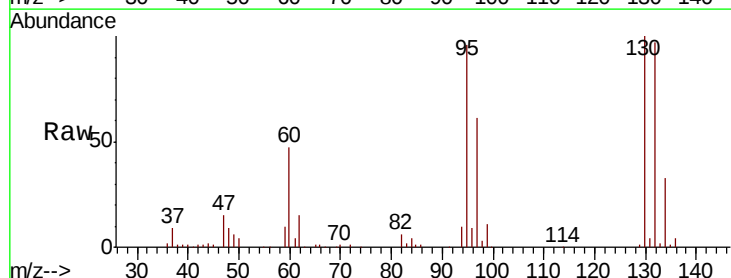
Abundance Ion 43.00 (42.70 to 43.70): VN051695.D (-1970) (-)



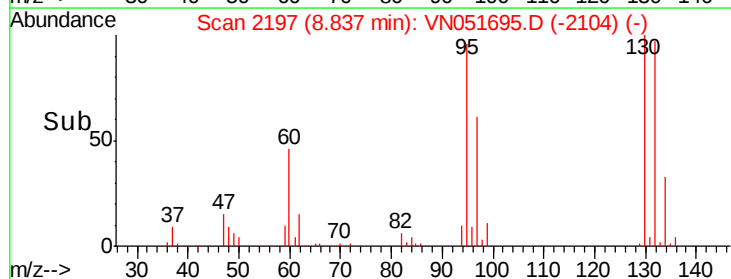
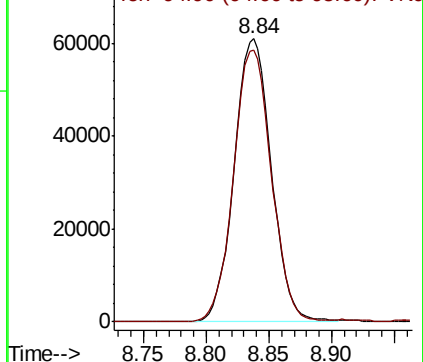
#44

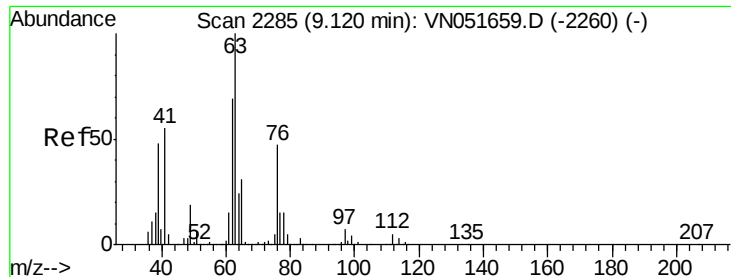
Trichloroethene  
 Concen: 19.178 ug/l  
 RT: 8.84 min Scan# 2197  
 Delta R.T. 0.00 min  
 Lab File: VN051695.D  
 Acq: 5 Oct 2018 19:07

| Tgt Ion   | 130  | Resp  | 125653 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 95        | 96.3 | 0.0   | 188.0  |



Abundance Ion 129.80 (129.50 to 130.50): VN051695.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 19.593 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051695.D

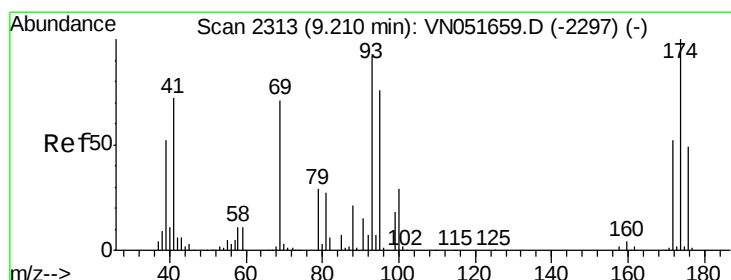
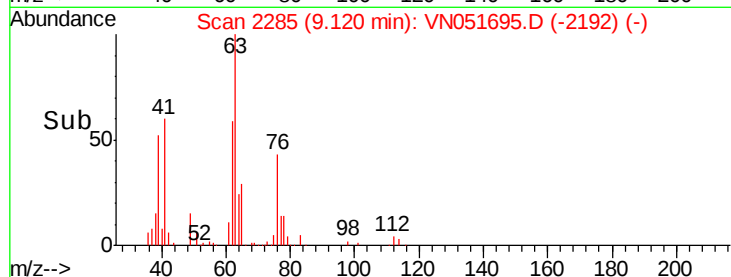
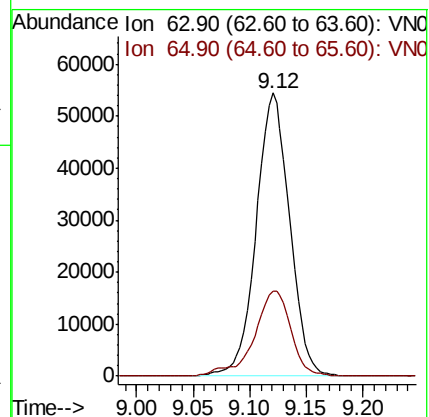
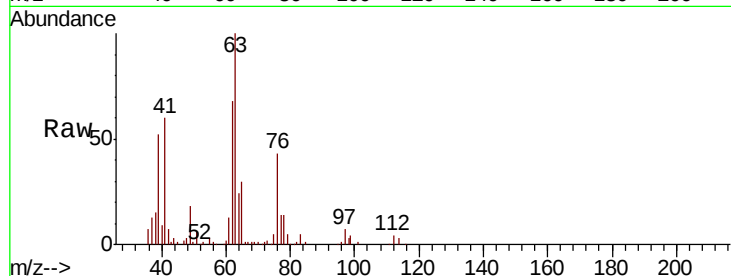
Acq: 5 Oct 2018 19:07

Tot Ion: 63 Resp: 111779

Ion Ratio Lower Upper

63 100

65 30.0 25.0 37.4



#46

Dibromomethane

Concen: 19.458 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

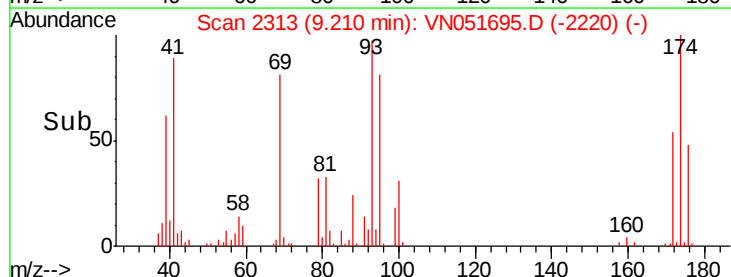
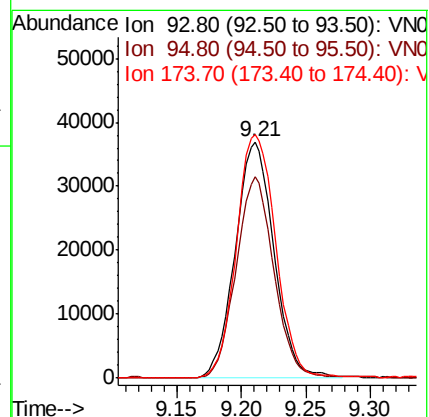
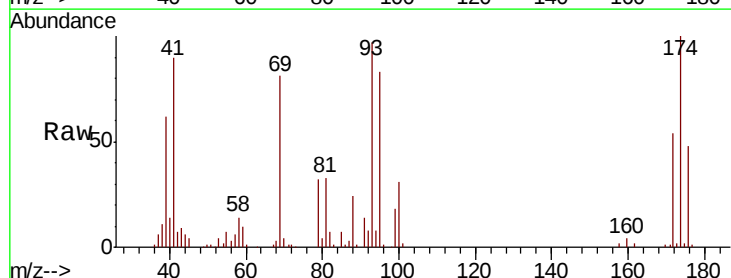
Tgt Ion: 93 Resp: 77159

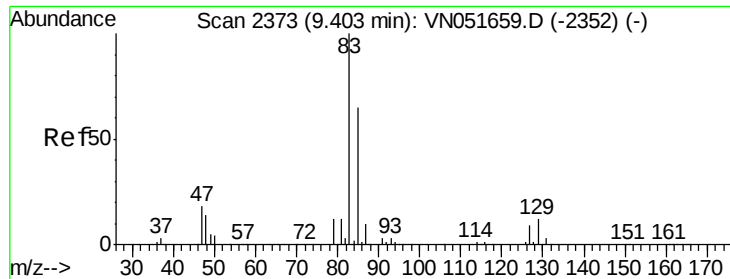
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 105.3 85.9 128.9





#47

Bromodichloromethane

Concen: 19.318 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

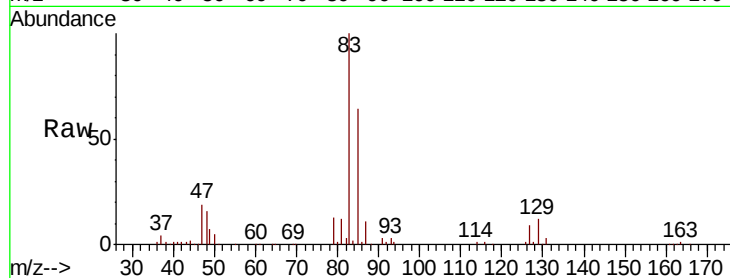
Tot Ion: 83 Resp: 168639

Ion Ratio Lower Upper

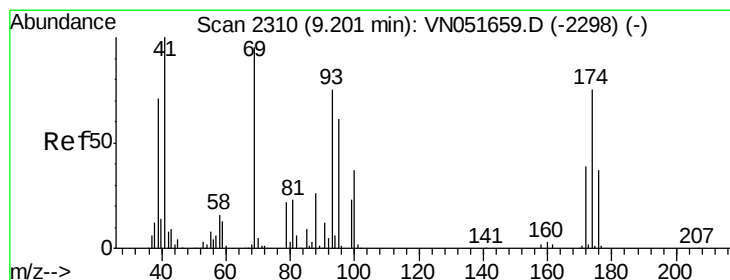
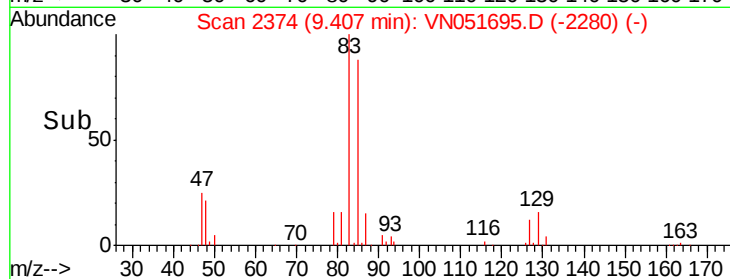
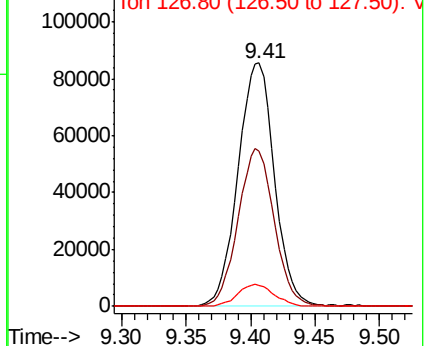
83 100

85 63.7 51.6 77.4

127 8.7 7.3 10.9



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



#48

Methyl methacrylate

Concen: 21.303 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

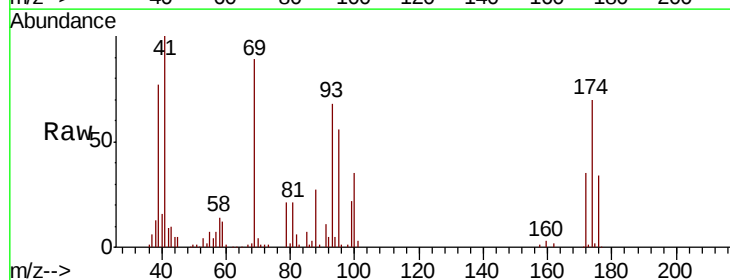
Tgt Ion: 41 Resp: 82392

Ion Ratio Lower Upper

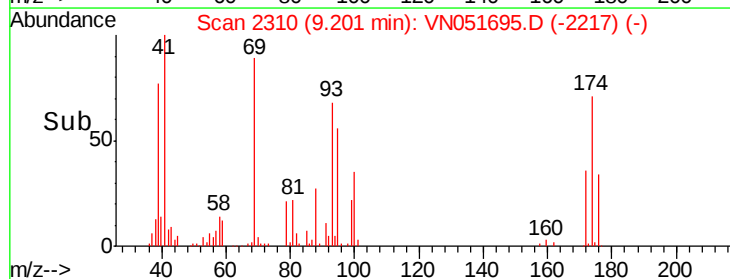
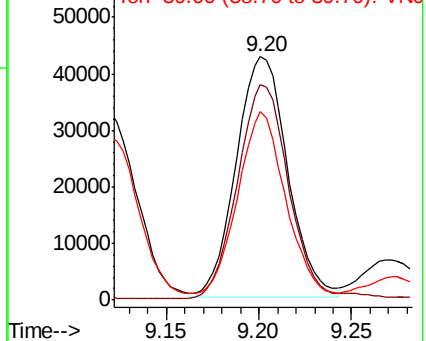
41 100

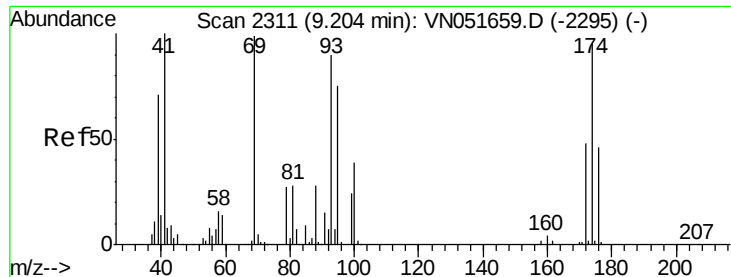
69 87.8 78.6 118.0

39 73.3 59.2 88.8



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





#49

1,4-Dioxane

Concen: 400.419 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

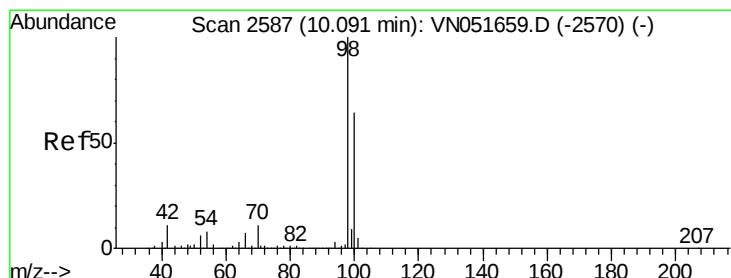
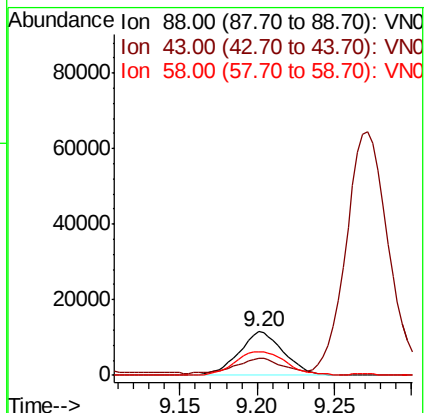
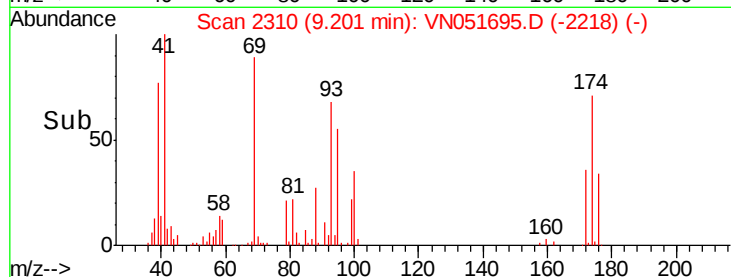
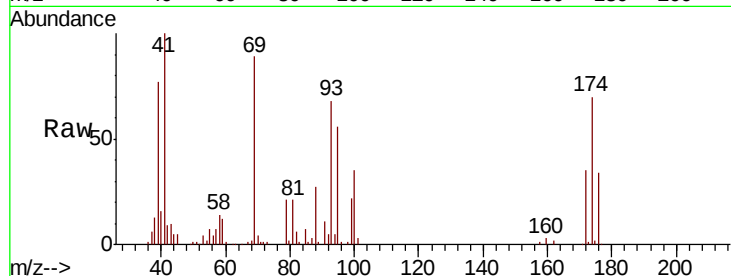
Tot Ion: 88 Resp: 23222

Ion Ratio Lower Upper

88 100

43 33.2 24.5 36.7

58 61.8 47.6 71.4



#50

Toluene-d8

Concen: 400.419 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051695.D

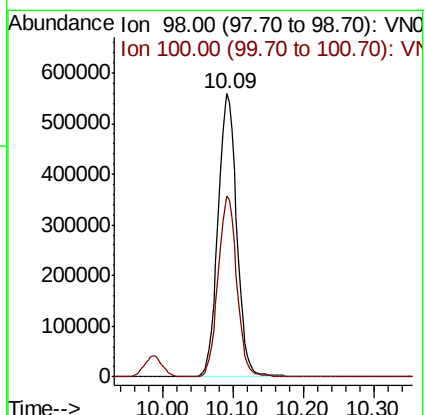
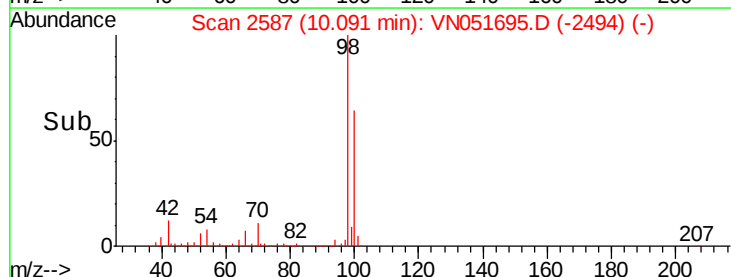
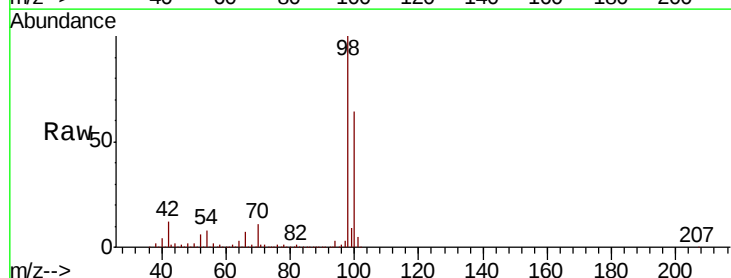
Acq: 5 Oct 2018 19:07

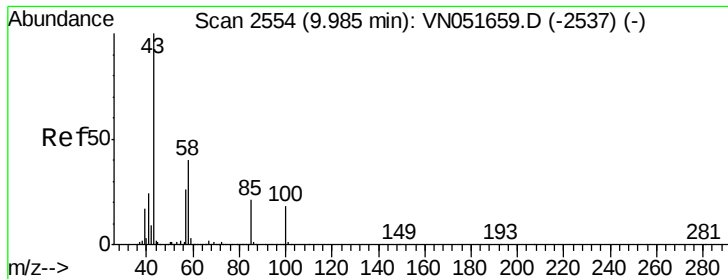
Tgt Ion: 98 Resp: 1034959

Ion Ratio Lower Upper

98 100

100 63.5 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 105.037 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN051695.D

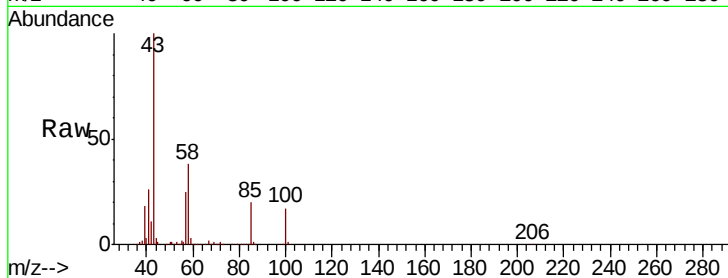
Acq: 5 Oct 2018 19:07

Tot Ion: 43 Resp: 450505

Ion Ratio Lower Upper

43 100

58 38.3 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN051695.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN051695.D (-2537) (-)

9.99

250000

200000

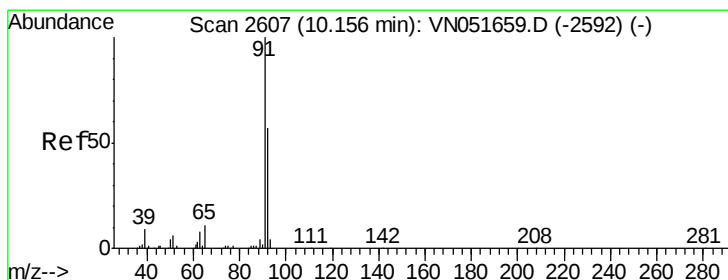
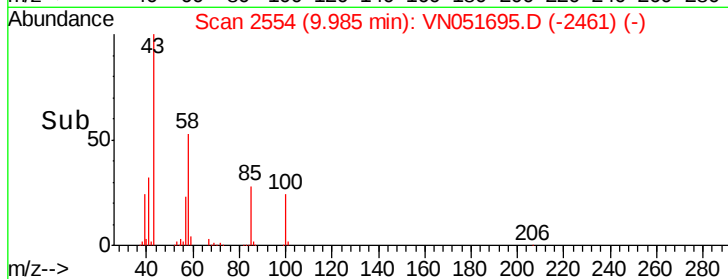
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.861 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051695.D

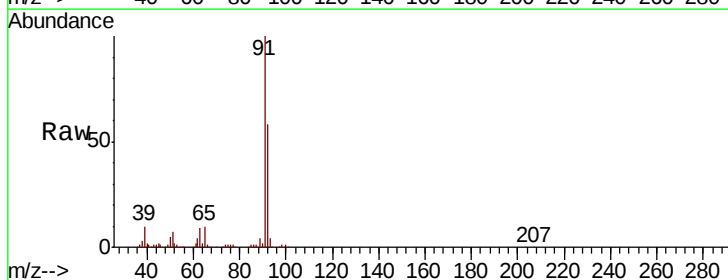
Acq: 5 Oct 2018 19:07

Tgt Ion: 92 Resp: 289462

Ion Ratio Lower Upper

92 100

91 176.2 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN051695.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN051695.D (-2592) (-)

10.16

300000

250000

200000

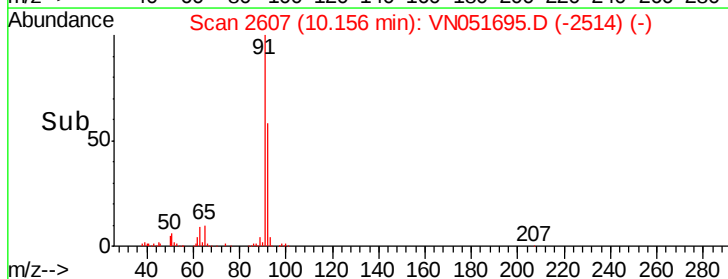
150000

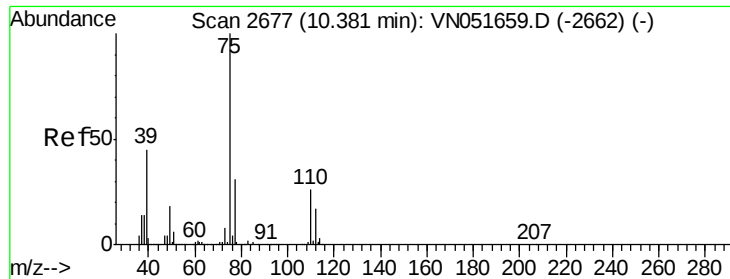
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.975 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051695.D

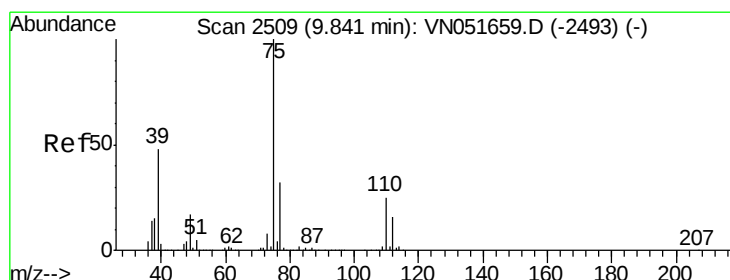
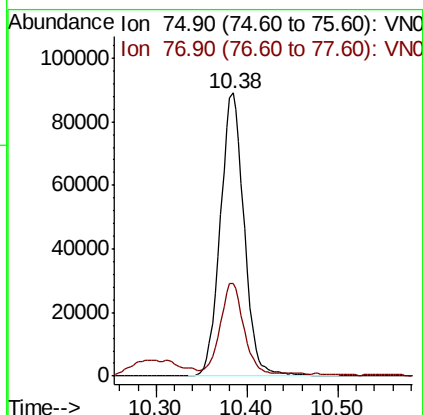
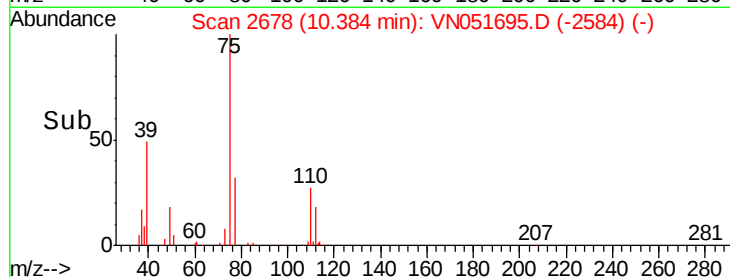
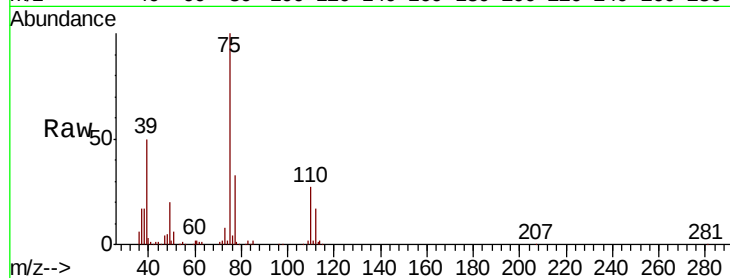
Acq: 5 Oct 2018 19:07

Tot Ion: 75 Resp: 161916

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.575 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

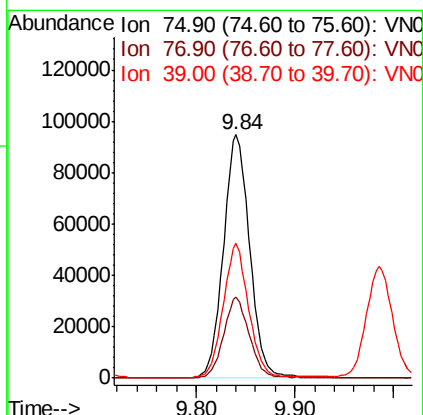
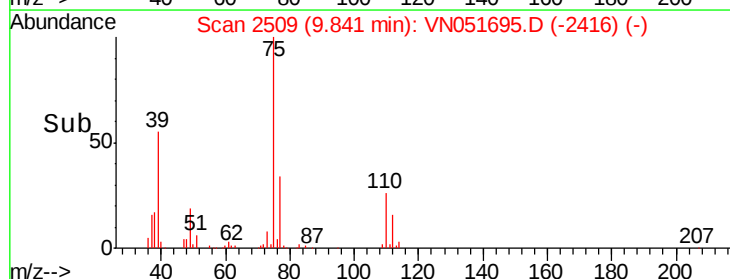
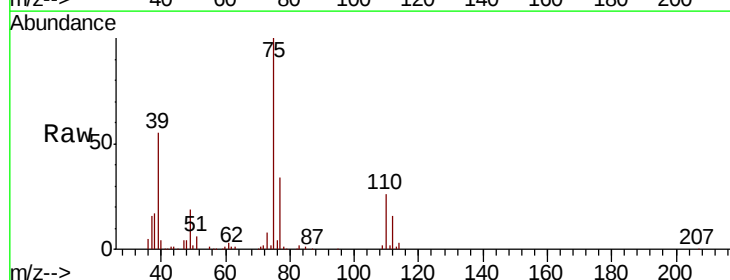
Tgt Ion: 75 Resp: 177675

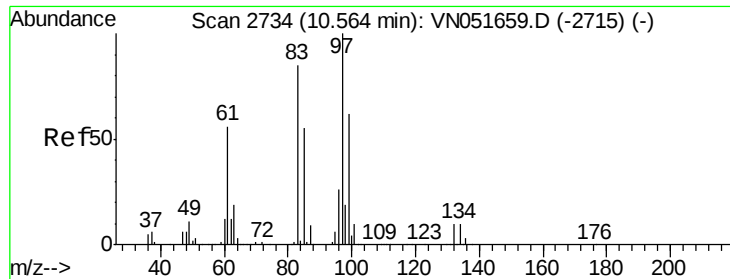
Ion Ratio Lower Upper

75 100

77 33.5 25.7 38.5

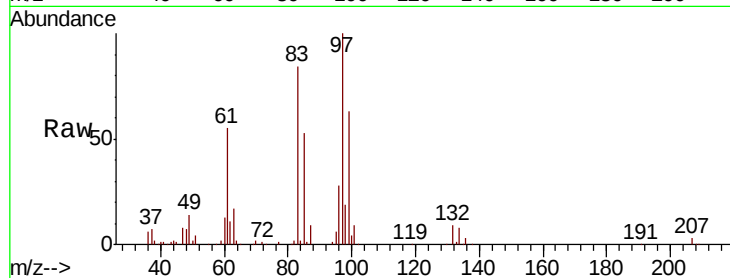
39 55.0 38.1 57.1



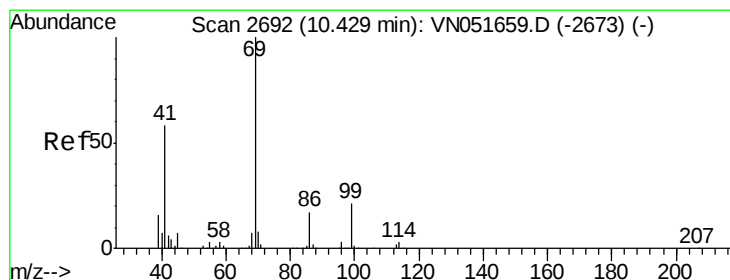
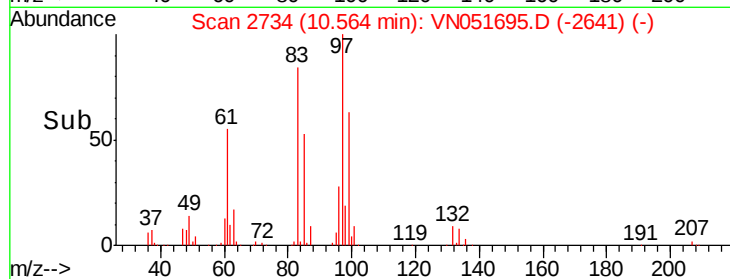
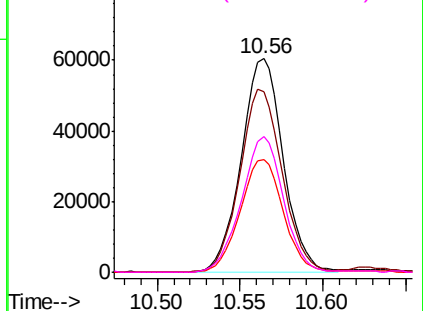


#55  
 1,1,2-Trichloroethane  
 Concen: 19.507 ug/l  
 RT: 10.56 min Scan# 2734  
 Delta R.T. 0.00 min  
 Lab File: VN051695.D  
 Acq: 5 Oct 2018 19:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 106650 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.9  | 68.1  | 102.1  |
| 85       | 53.0  | 43.6  | 65.4   |
| 99       | 63.4  | 49.4  | 74.0   |

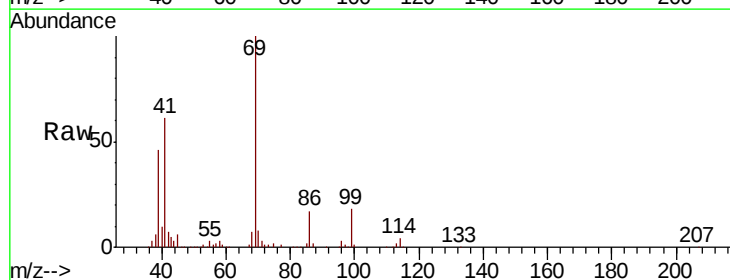


Abundance Ion 96.90 (96.60 to 97.60): VN0  
 Ion 82.90 (82.60 to 83.60): VN0  
 Ion 84.90 (84.60 to 85.60): VN0  
 Ion 98.90 (98.60 to 99.60): VN0

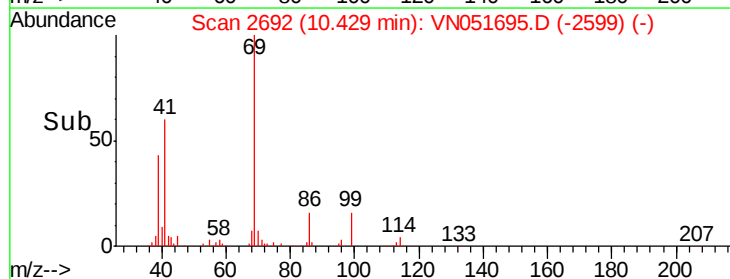
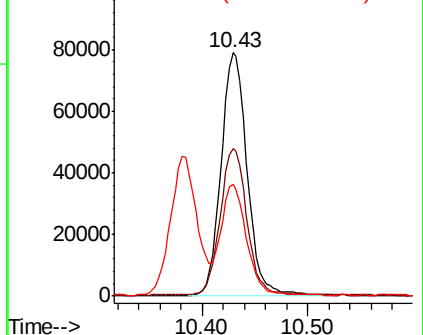


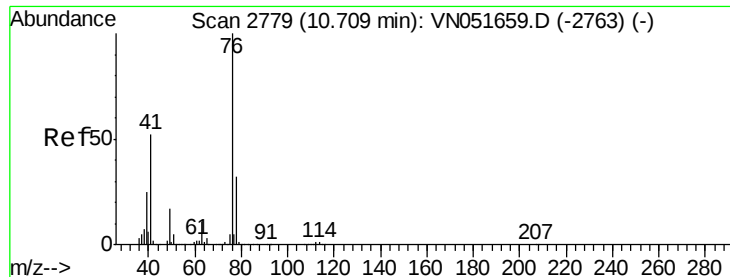
#56  
 Ethyl methacrylate  
 Concen: 19.632 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. 0.00 min  
 Lab File: VN051695.D  
 Acq: 5 Oct 2018 19:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 135732 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.2  | 46.4  | 69.6   |
| 39       | 45.1  | 32.4  | 48.6   |



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: 19.726 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051695.D

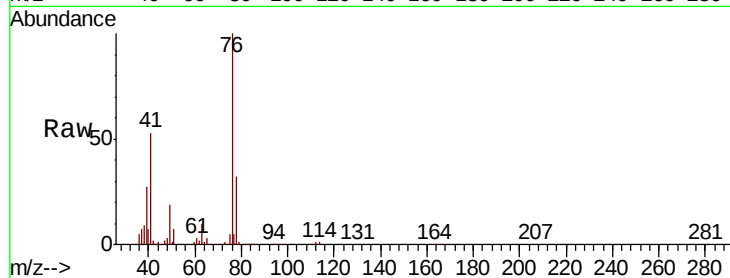
Acq: 5 Oct 2018 19:07

Tot Ion: 76 Resp: 170695

Ion Ratio Lower Upper

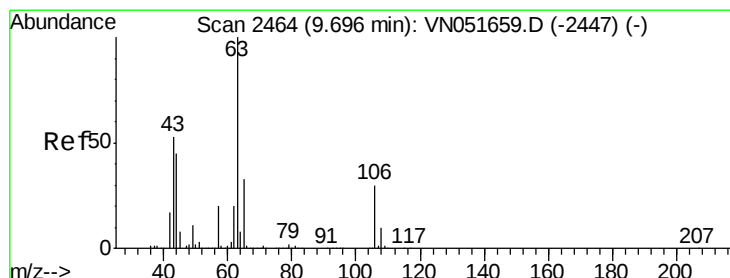
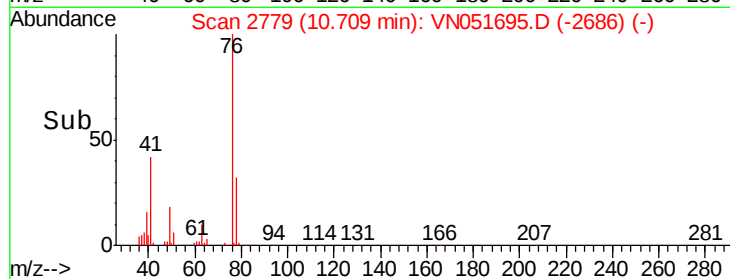
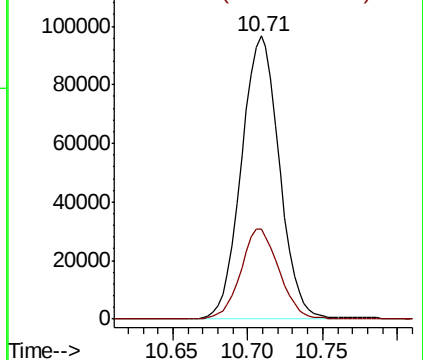
76 100

78 32.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 100.002 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051695.D

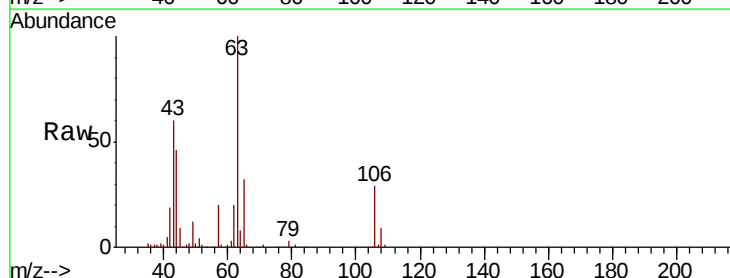
Acq: 5 Oct 2018 19:07

Tgt Ion: 63 Resp: 286152

Ion Ratio Lower Upper

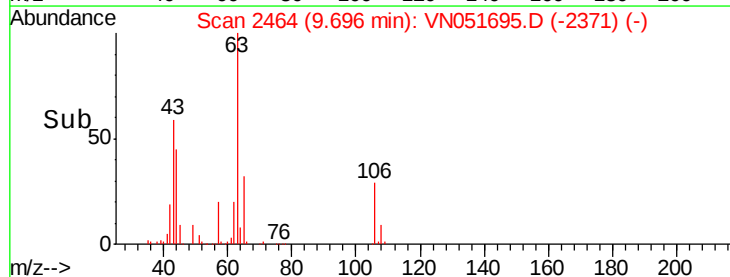
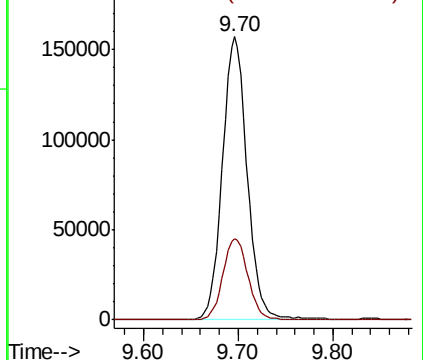
63 100

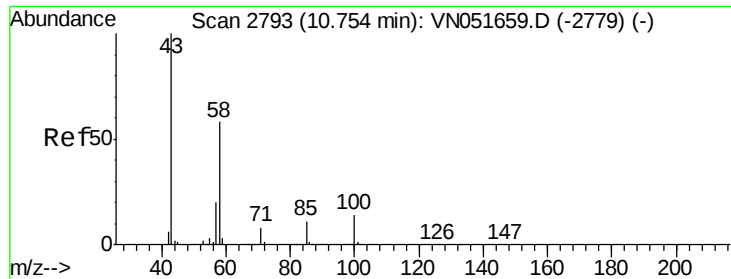
106 29.2 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

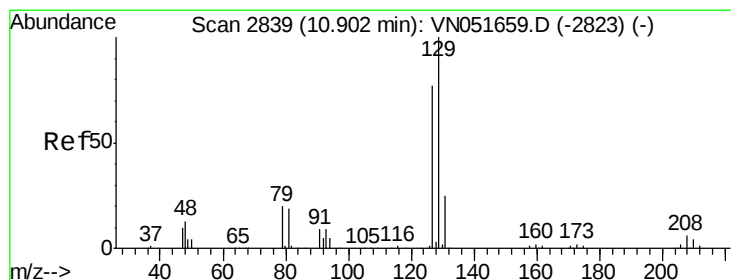
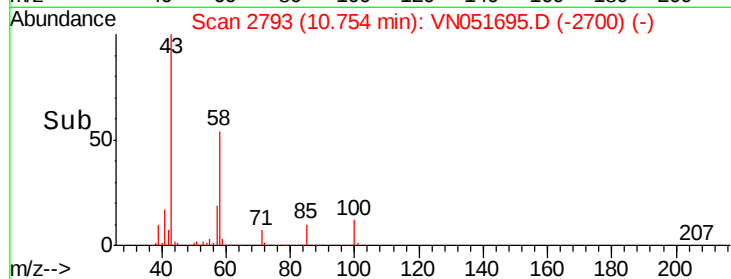
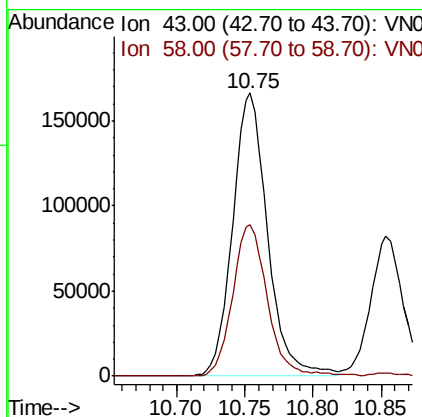
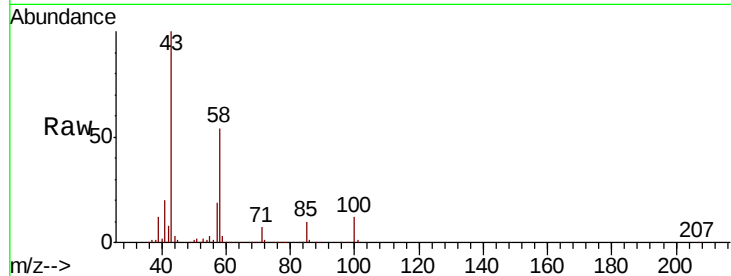
Ion 105.90 (105.60 to 106.60): V





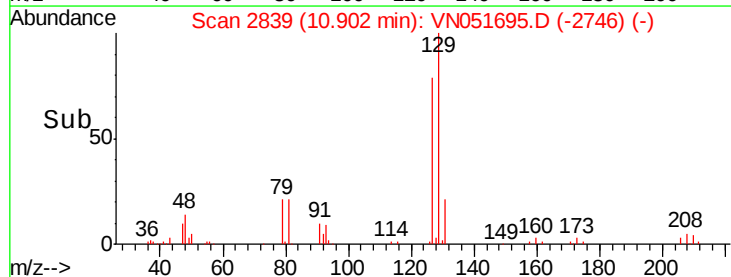
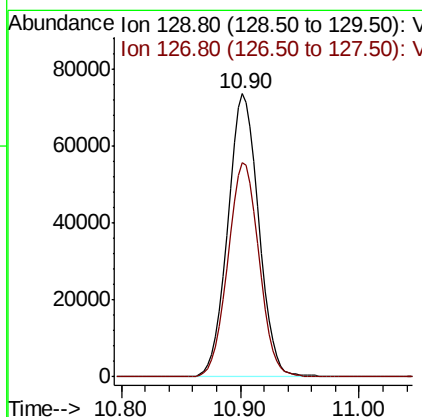
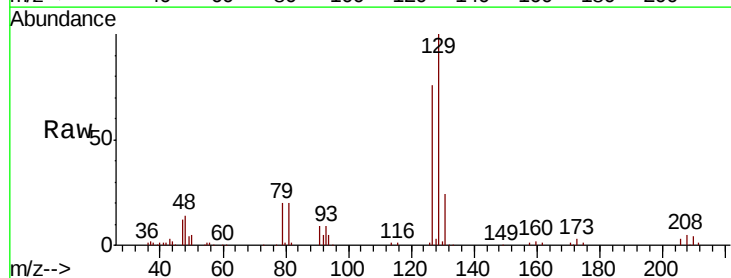
#59  
2-Hexanone  
Concen: 100.383 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

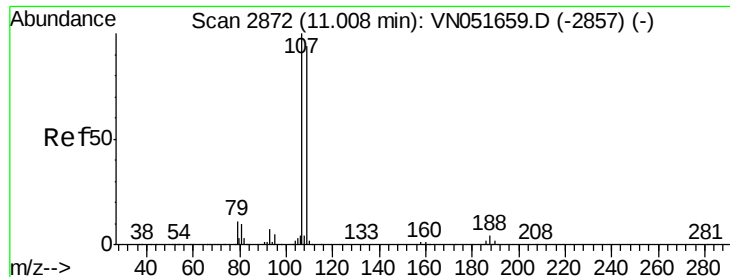
Tot Ion: 43 Resp: 292398  
Ion Ratio Lower Upper  
43 100  
58 53.8 28.8 86.4



#60  
Dibromochloromethane  
Concen: 18.517 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

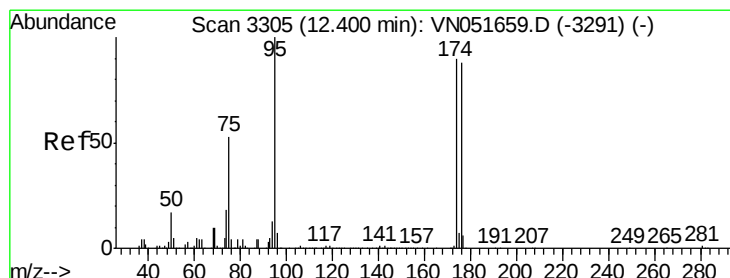
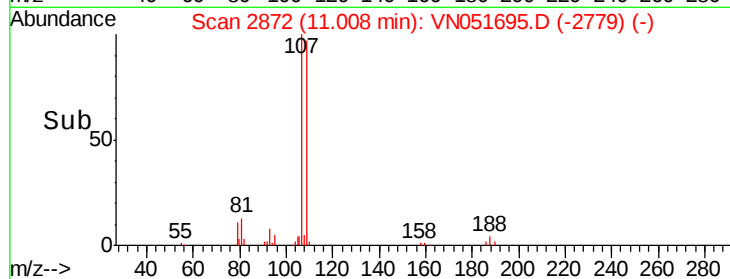
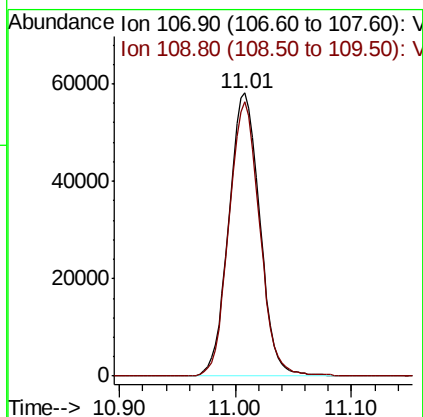
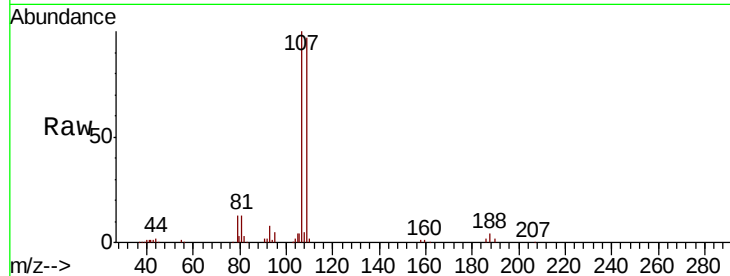
Tgt Ion: 129 Resp: 132486  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.6 115.7





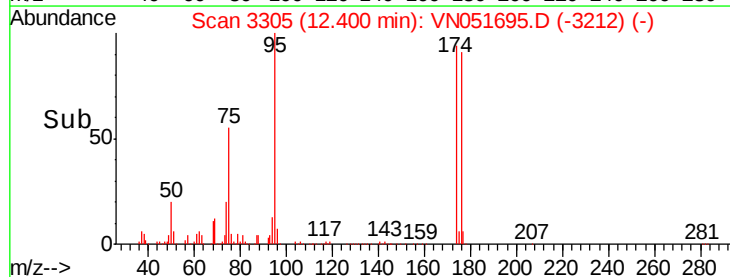
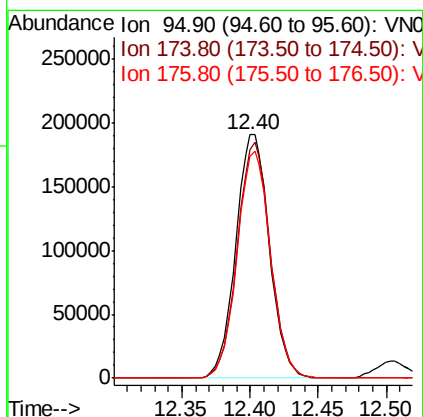
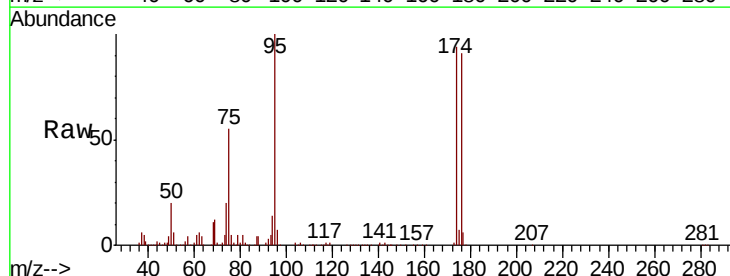
#61  
 1,2-Dibromoethane  
 Concen: 18.574 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: VN051695.D  
 Acq: 5 Oct 2018 19:07

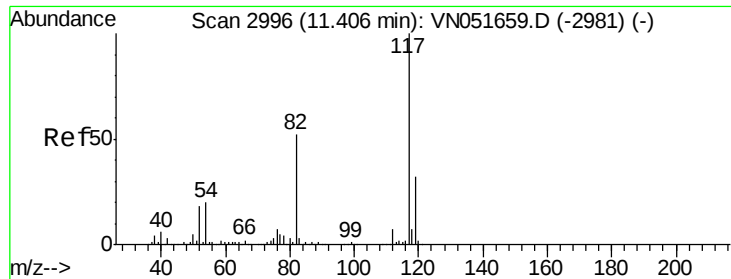
Tot Ion: 107 Resp: 107351  
 Ion Ratio Lower Upper  
 107 100  
 109 95.4 75.4 113.0



#62  
 4-Bromofluorobenzene  
 Concen: 18.574 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.00 min  
 Lab File: VN051695.D  
 Acq: 5 Oct 2018 19:07

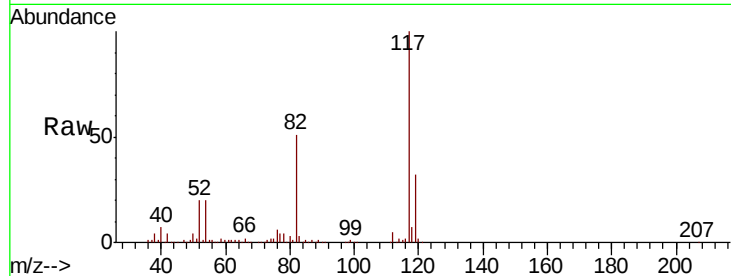
Tgt Ion: 95 Resp: 325599  
 Ion Ratio Lower Upper  
 95 100  
 174 95.4 0.0 182.8  
 176 92.7 0.0 176.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2997  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.2  | 41.3  | 61.9  |
| 119     | 31.6  | 25.9  | 38.9  |

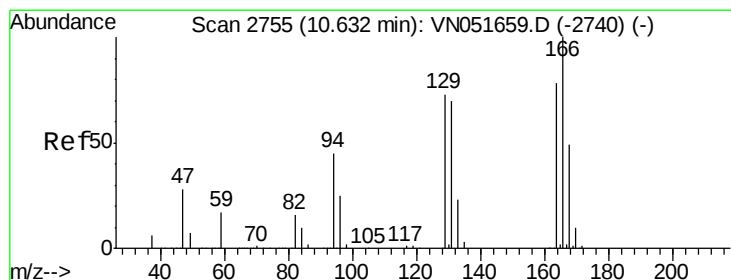
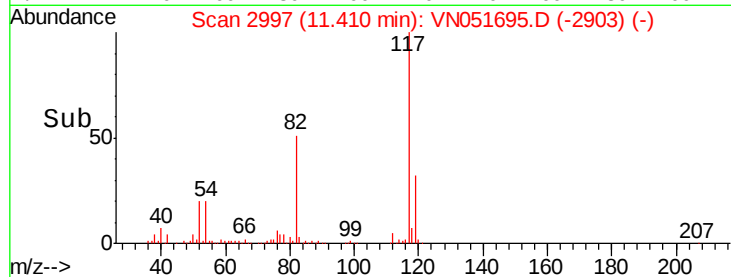
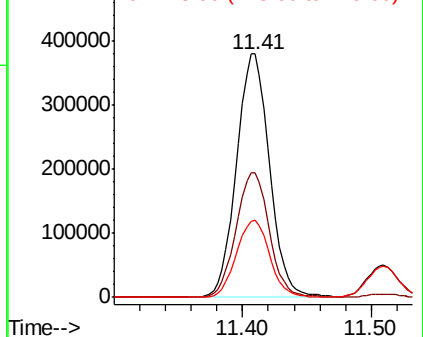


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 19.897 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.4 | 103.0 | 154.6 |
| 129     | 90.3  | 75.2  | 112.8 |
| 131     | 89.0  | 71.7  | 107.5 |

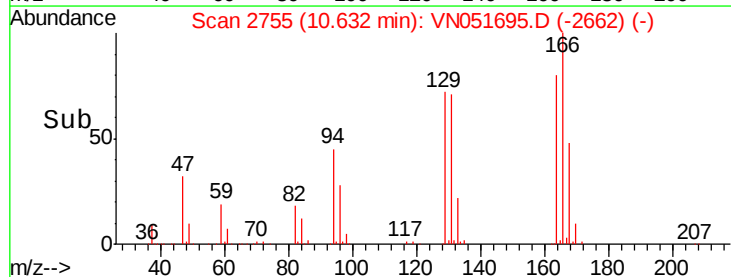
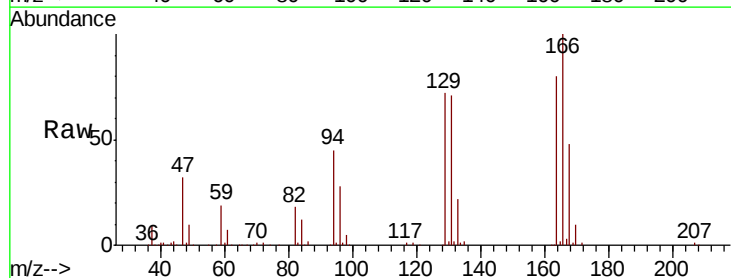
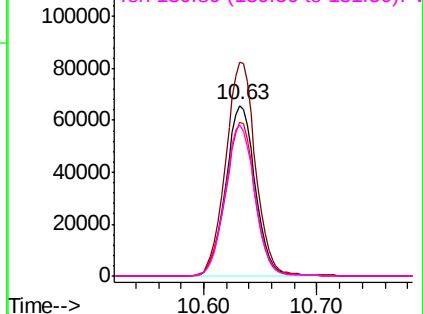
Abundance

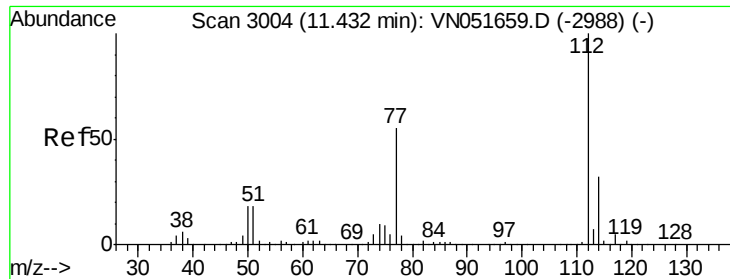
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

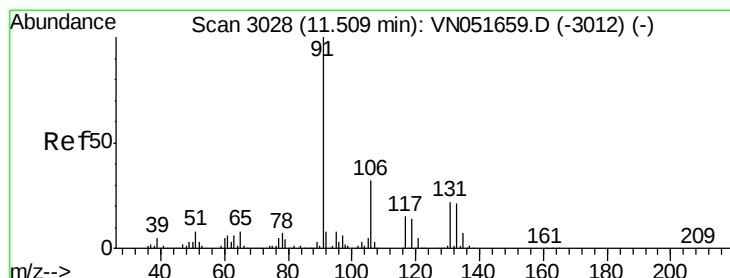
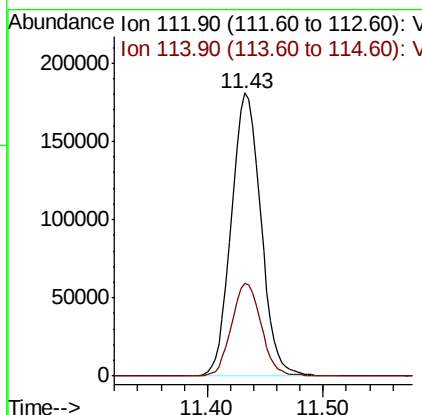
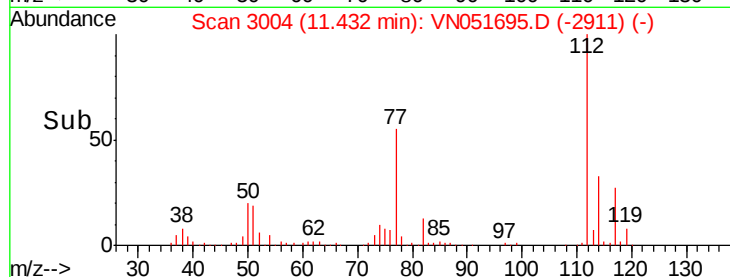
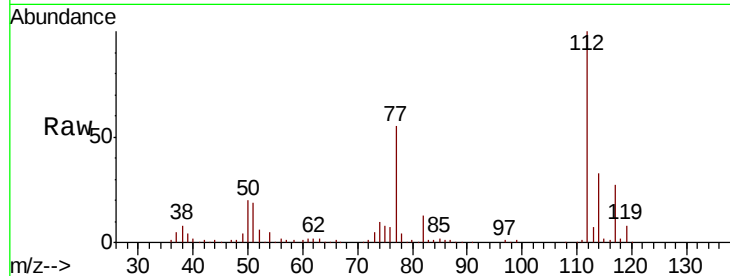
Ion 130.80 (130.50 to 131.50): V





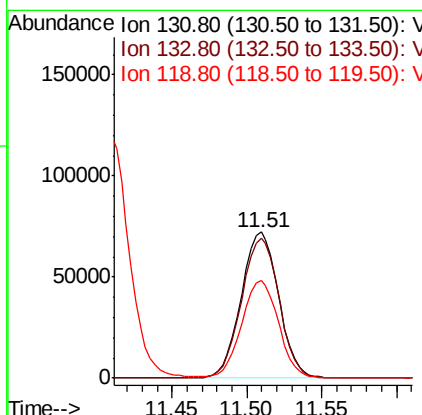
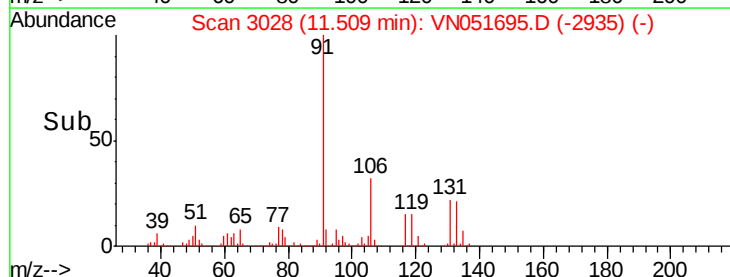
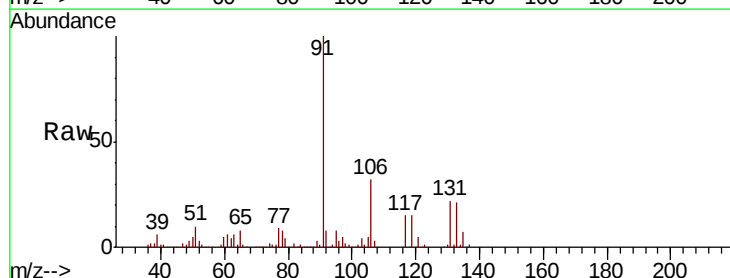
#65  
Chlorobenzene  
Concen: 18.981 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

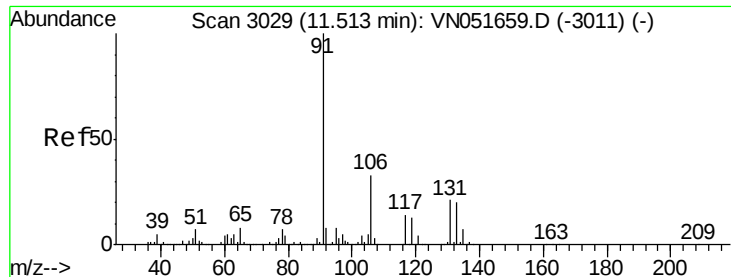
Tot Ion:112 Resp: 318621  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.723 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

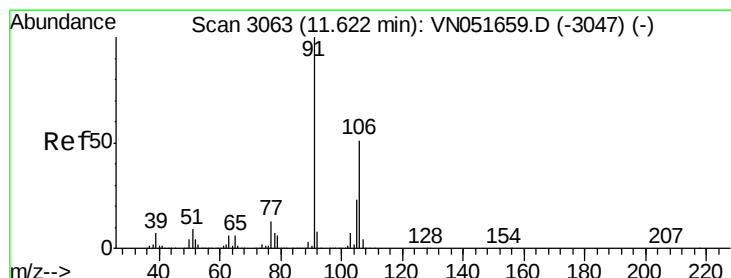
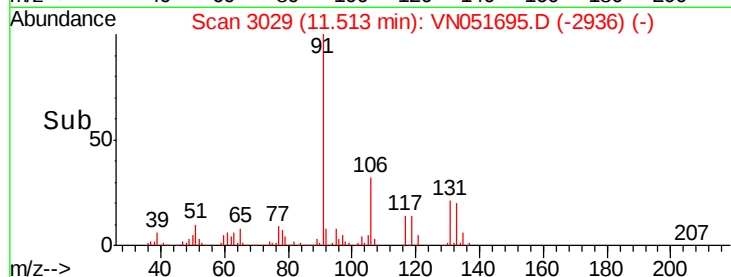
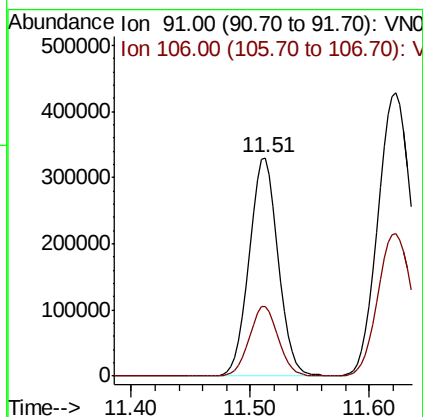
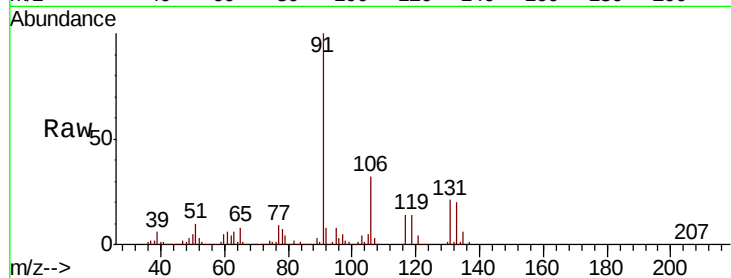
Tgt Ion:131 Resp: 125842  
Ion Ratio Lower Upper  
131 100  
133 96.4 47.6 142.8  
119 66.0 32.0 96.0





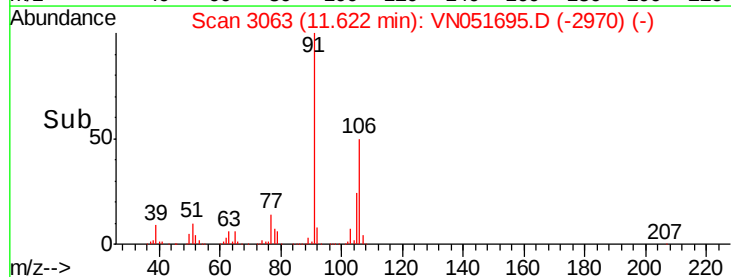
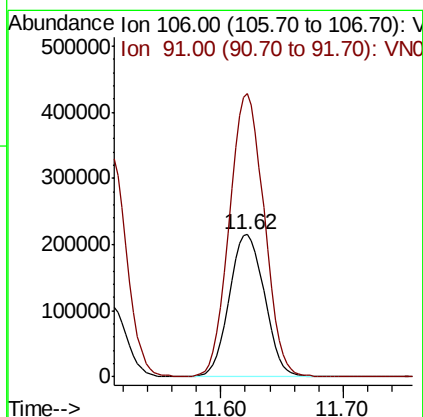
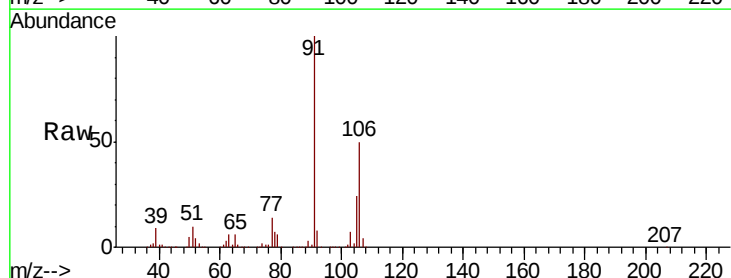
#67  
Ethyl Benzene  
Concen: 19.194 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

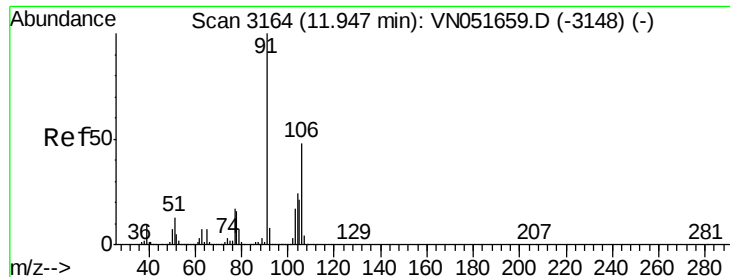
Tot Ion: 91 Resp: 556884  
Ion Ratio Lower Upper  
91 100  
106 32.0 26.0 39.0



#68  
m/p-Xylenes  
Concen: 37.343 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

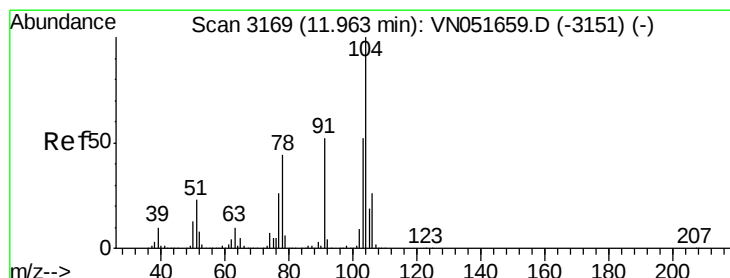
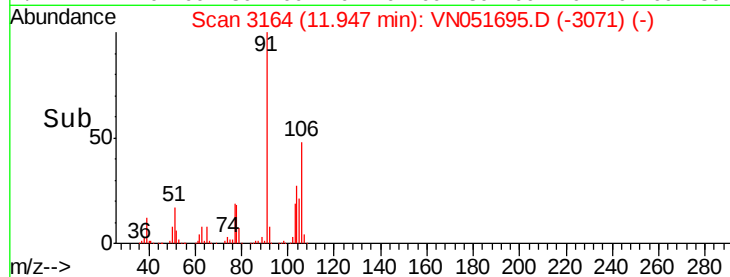
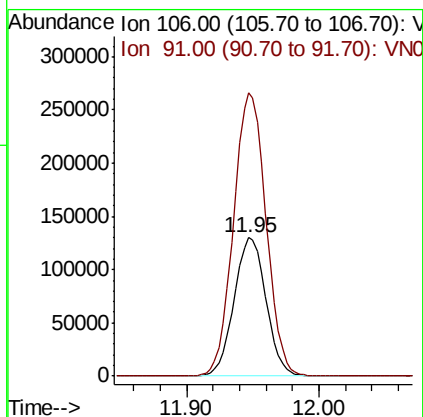
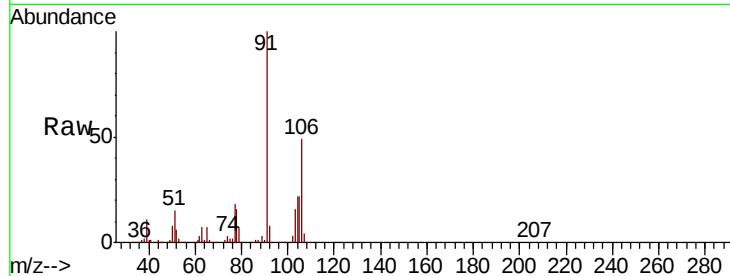
Tgt Ion: 106 Resp: 433509  
Ion Ratio Lower Upper  
106 100  
91 196.0 158.4 237.6





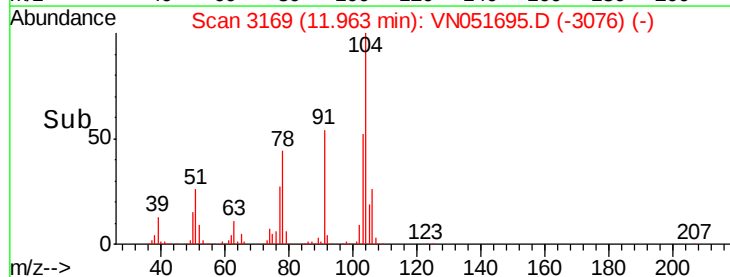
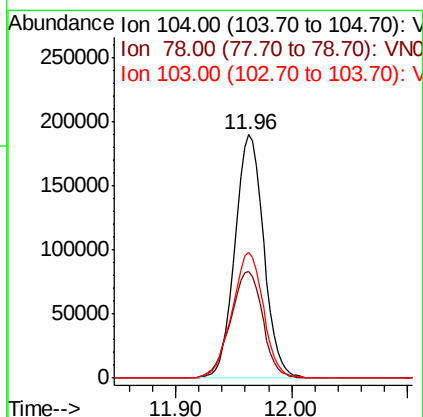
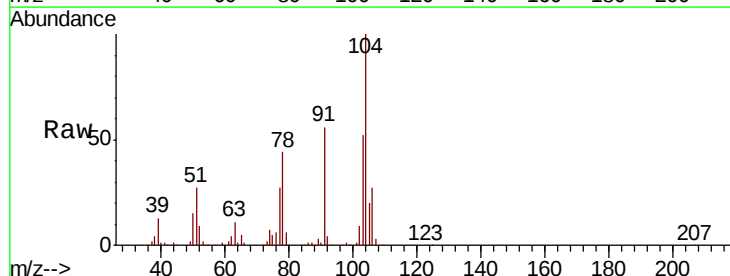
#69  
o-Xylene  
Concen: 19.112 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

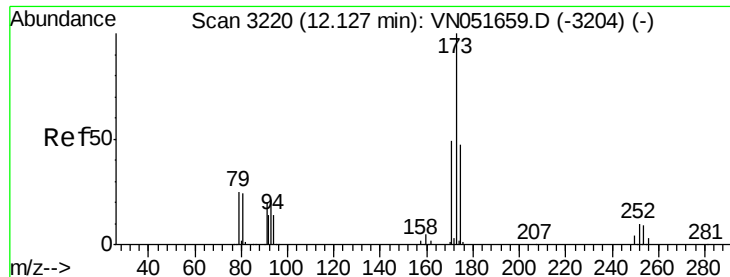
Tot Ion:106 Resp: 217581  
Ion Ratio Lower Upper  
106 100  
91 208.2 104.4 313.2



#70  
Styrene  
Concen: 17.989 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

Tgt Ion:104 Resp: 326337  
Ion Ratio Lower Upper  
104 100  
78 49.1 39.3 58.9  
103 56.3 45.0 67.6





#71

Bromoform

Concen: 17.596 ug/l

RT: 12.13 min Scan# 3220

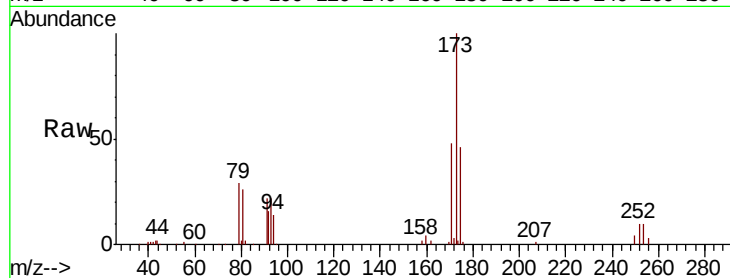
Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

Tot Ion:173 Resp: 87968

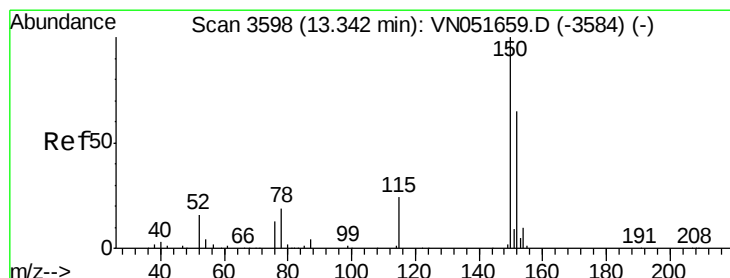
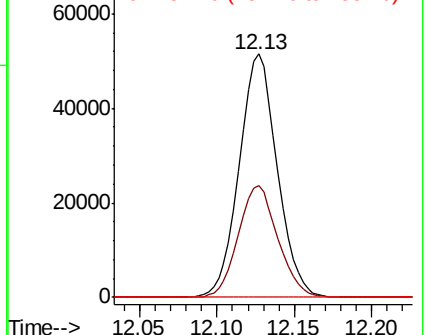
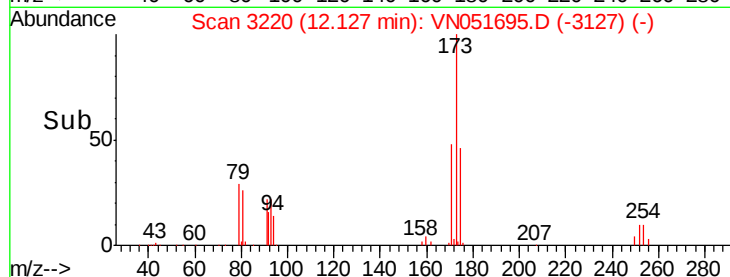
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 173 | 100   |       |       |
| 175 | 47.7  | 24.0  | 72.0  |
| 254 | 0.0   | 0.1   | 0.1#  |



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: 13.35 min Scan# 3599

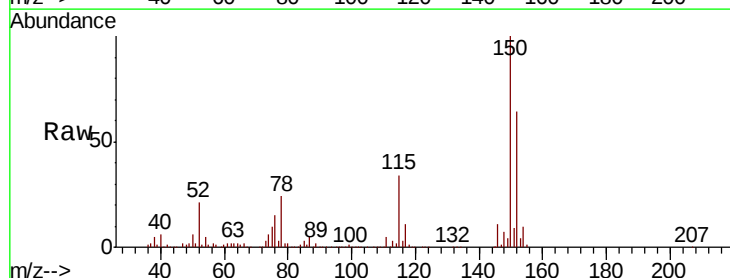
Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

Tgt Ion:152 Resp: 331200

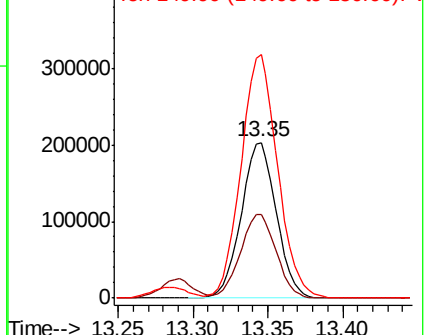
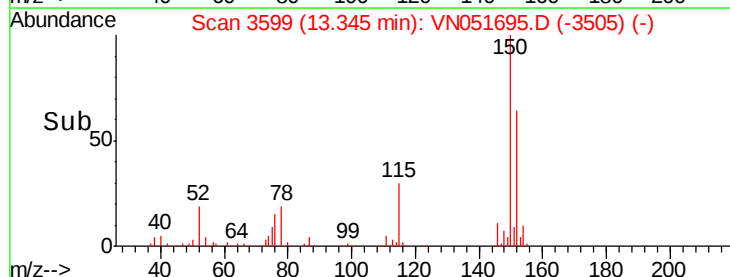
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 54.7  | 28.6  | 85.8  |
| 150 | 163.8 | 0.0   | 352.4 |

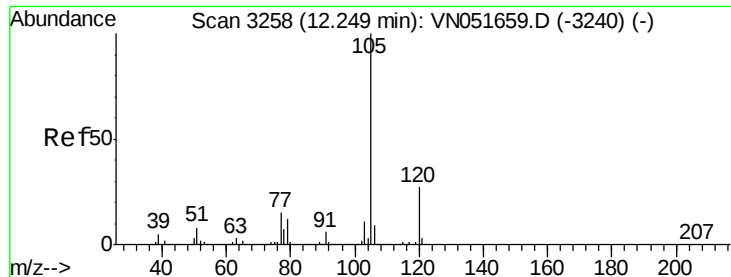


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.396 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051695.D

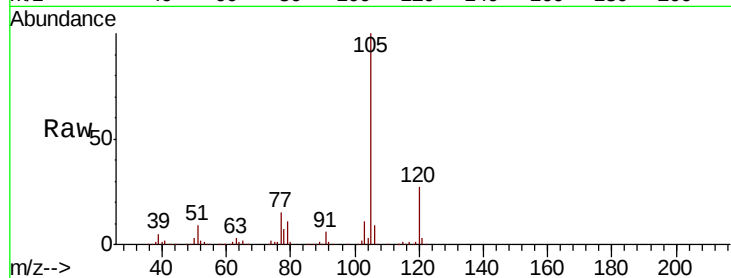
Acq: 5 Oct 2018 19:07

Tot Ion:105 Resp: 575828

Ion Ratio Lower Upper

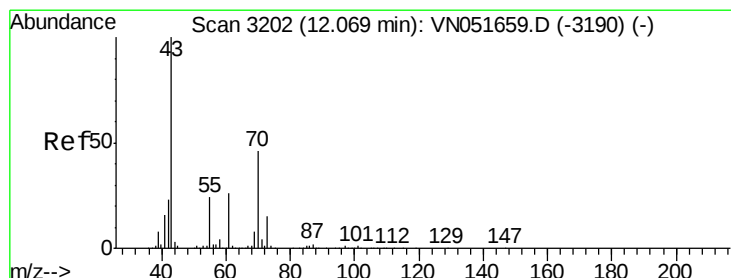
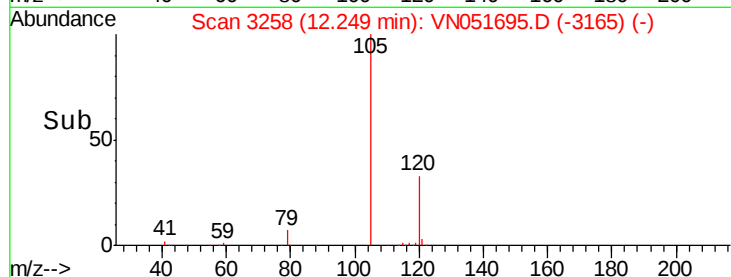
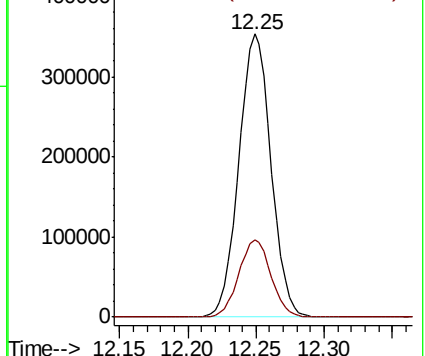
105 100

120 27.4 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.485 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

Tgt Ion: 43 Resp: 136290

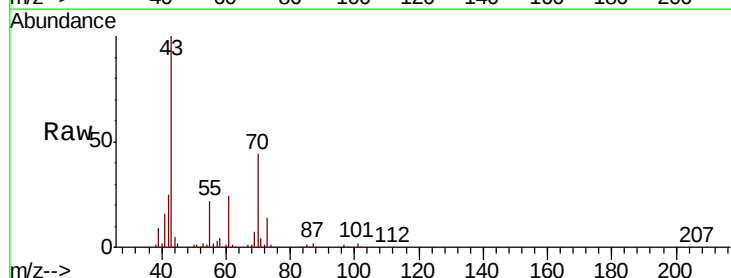
Ion Ratio Lower Upper

43 100

70 43.8 37.1 55.7

55 23.5 19.1 28.7

61 24.3 20.8 31.2

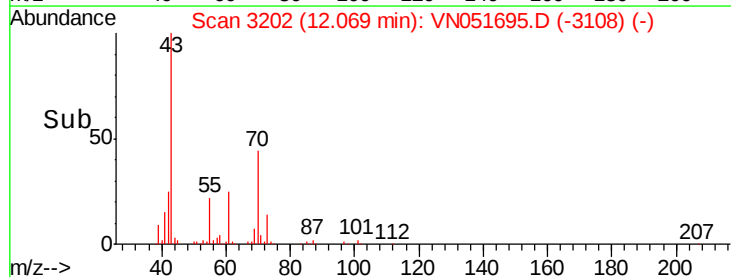
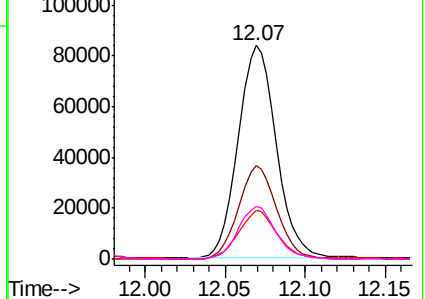


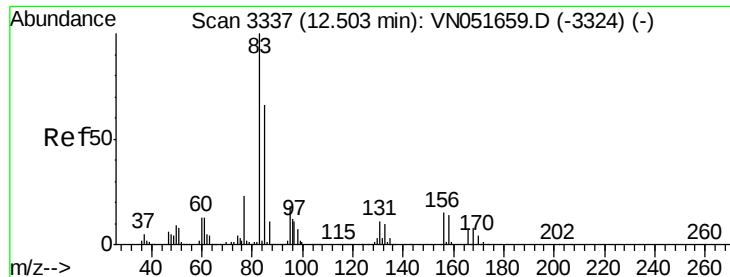
Abundance Ion 43.00 (42.70 to 43.70): V

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: 21.758 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

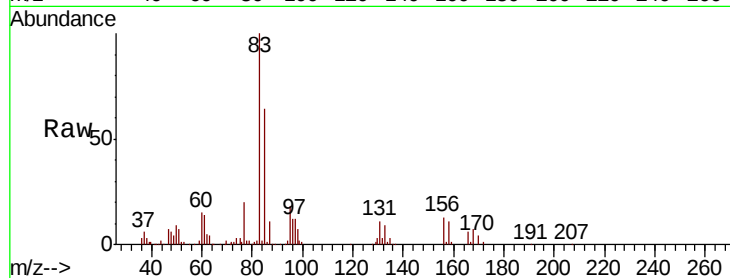
Tot Ion: 83 Resp: 131070

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

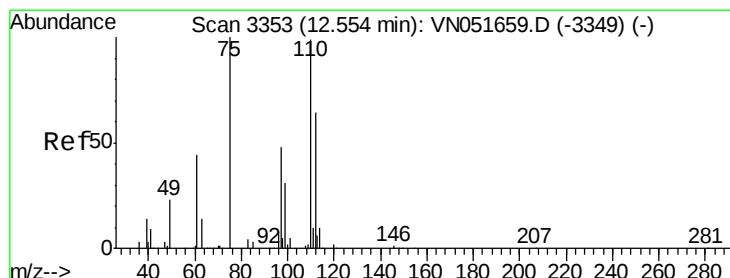
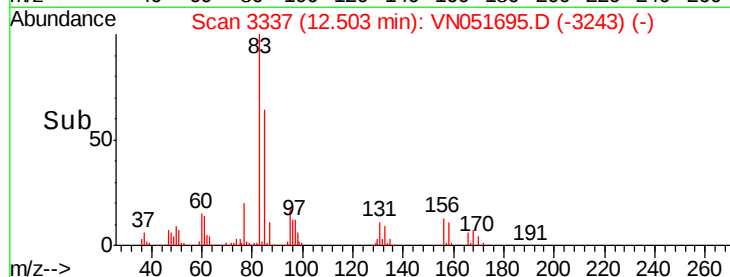
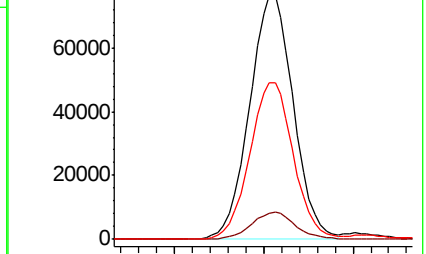
85 63.9 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN051695.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN051695.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN051695.D (-3337) (-)



#76

1,2,3-Trichloropropane

Concen: 36.384 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051695.D

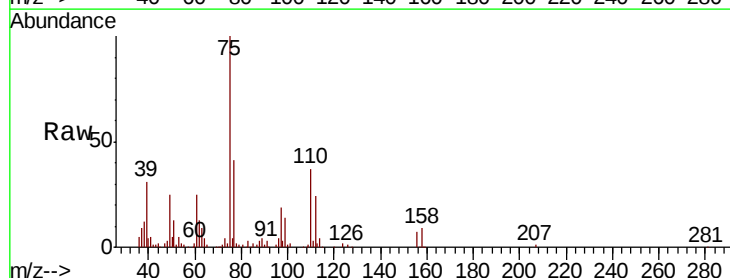
Acq: 5 Oct 2018 19:07

Tgt Ion: 75 Resp: 154327

Ion Ratio Lower Upper

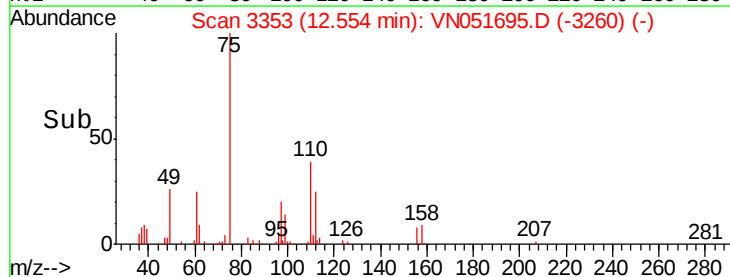
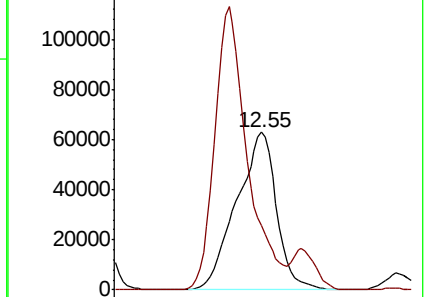
75 100

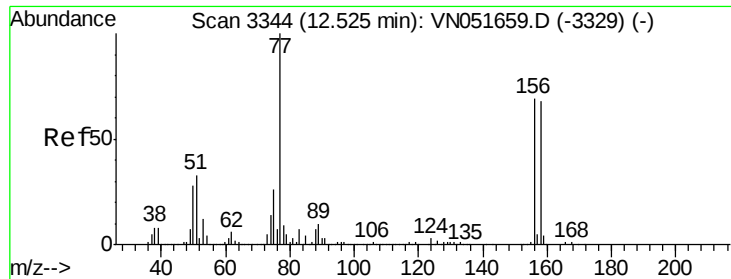
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051695.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN051695.D (-3353) (-)





#77

Bromobenzene

Concen: 19.417 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

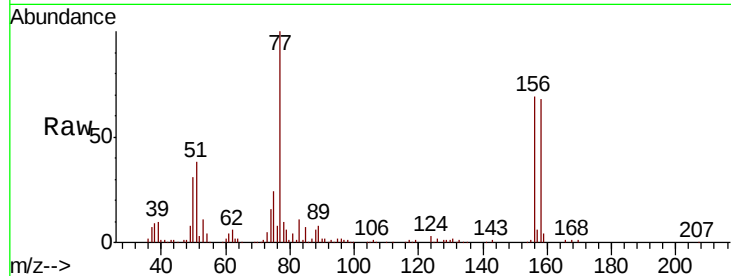
Tot Ion:156 Resp: 134042

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 169.4 | 83.2  | 249.4 |
| 158 | 99.4  | 49.0  | 147.2 |

156 100

77 169.4 83.2 249.4

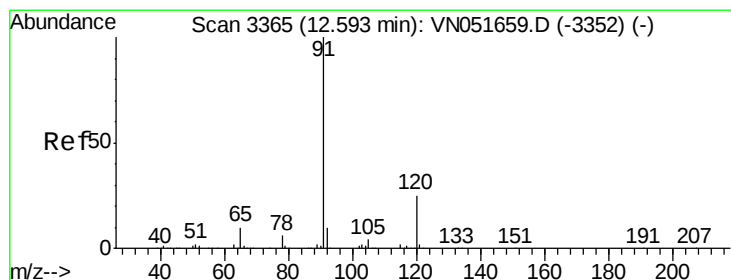
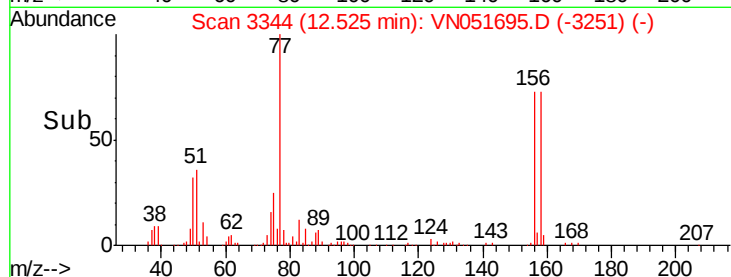
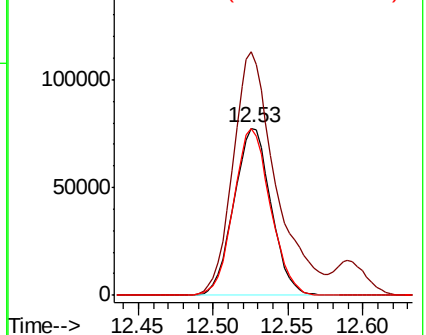
158 99.4 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.051 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051695.D

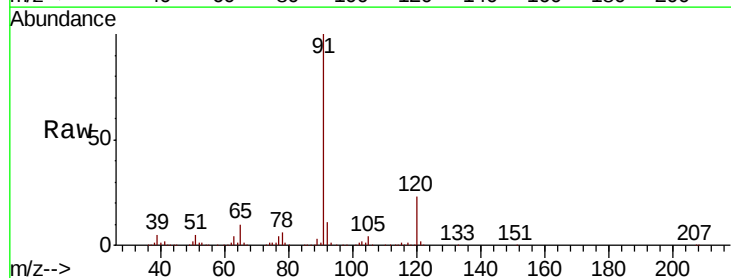
Acq: 5 Oct 2018 19:07

Tgt Ion: 91 Resp: 617456

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 23.9  | 12.4  | 37.2  |

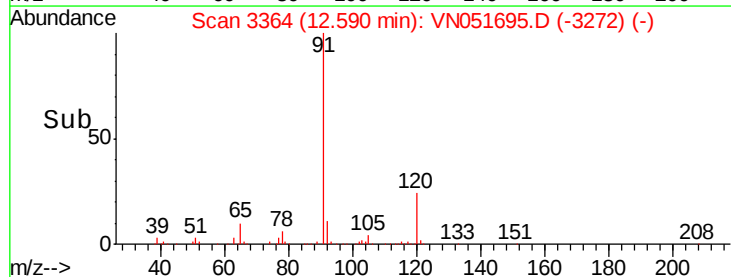
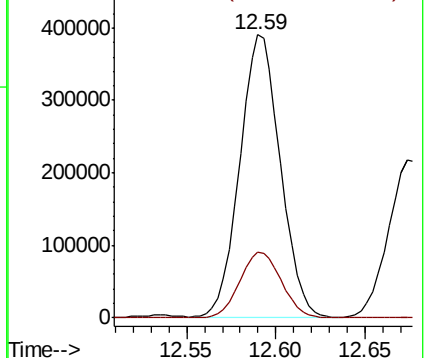
91 100

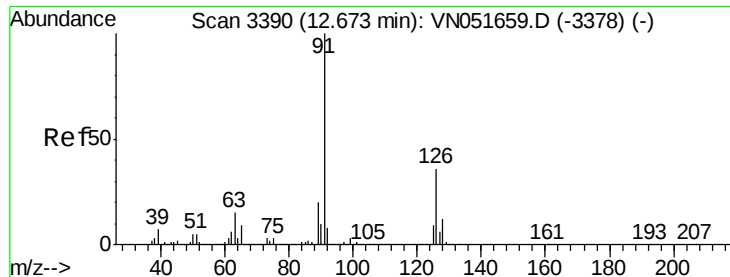
120 23.9 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.800 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN051695.D

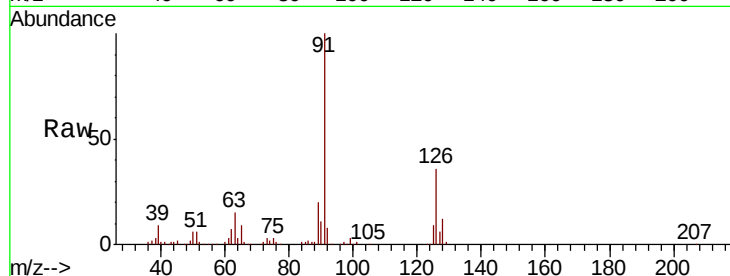
Acq: 5 Oct 2018 19:07

Tot Ion: 91 Resp: 359336

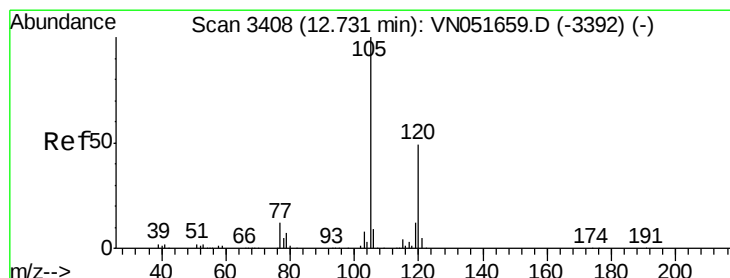
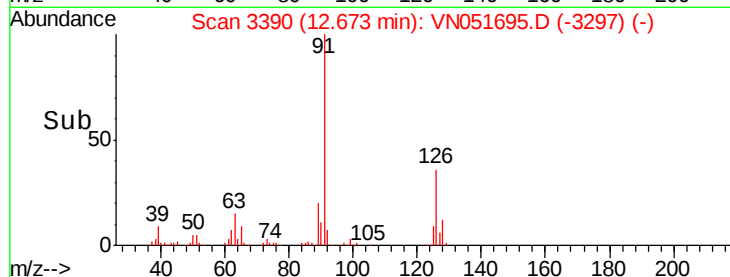
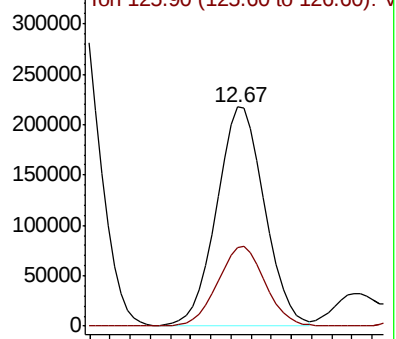
Ion Ratio Lower Upper

91 100

126 36.3 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VN051695.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.786 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN051695.D

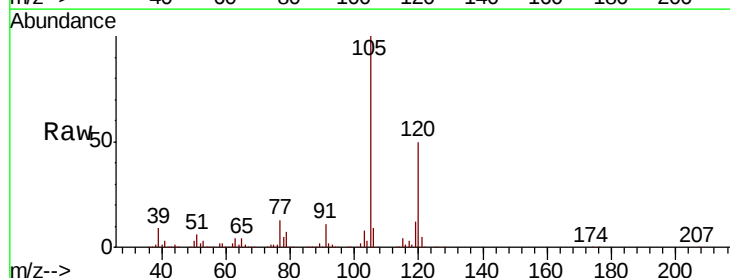
Acq: 5 Oct 2018 19:07

Tgt Ion: 105 Resp: 470754

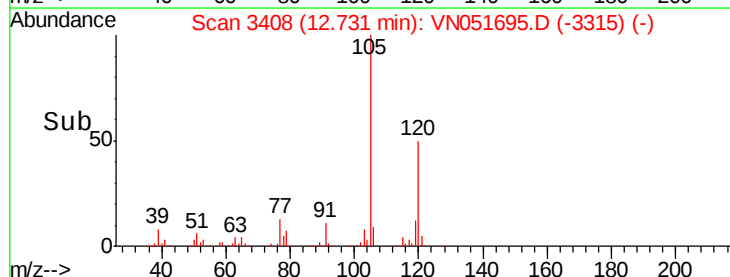
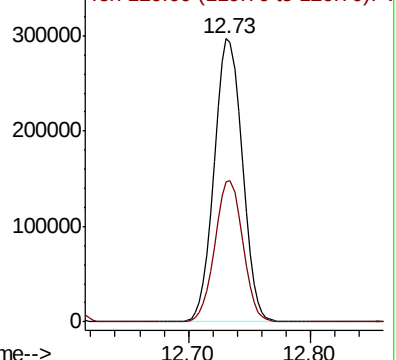
Ion Ratio Lower Upper

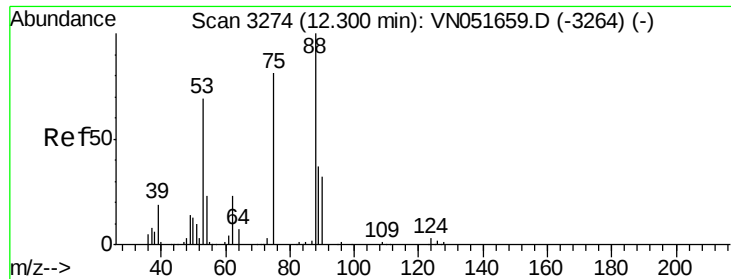
105 100

120 49.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN051695.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.928 ug/l

RT: 12.30 min Scan# 3274

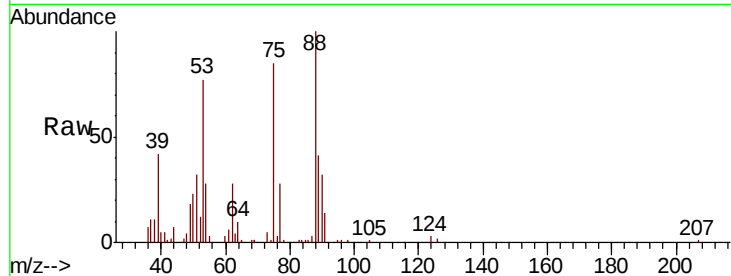
Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

Tot Ion: 75 Resp: 34104

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 94.5  | 68.6  | 102.8 |
| 89  | 49.6  | 39.4  | 59.2  |

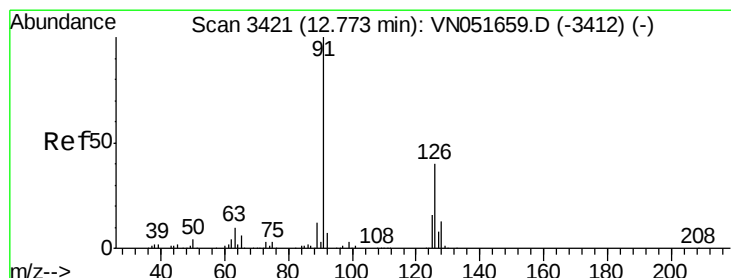
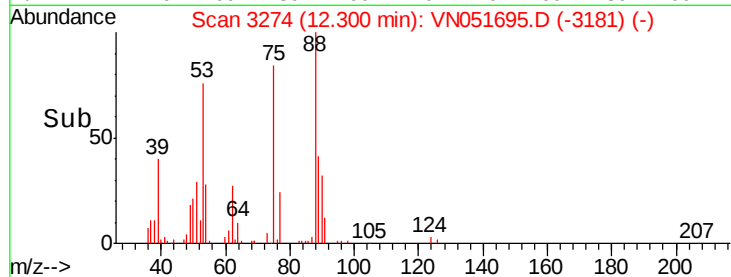
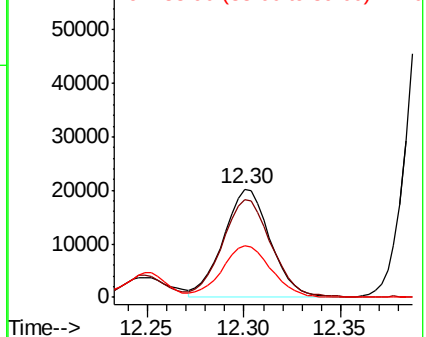


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.251 ug/l

RT: 12.77 min Scan# 3421

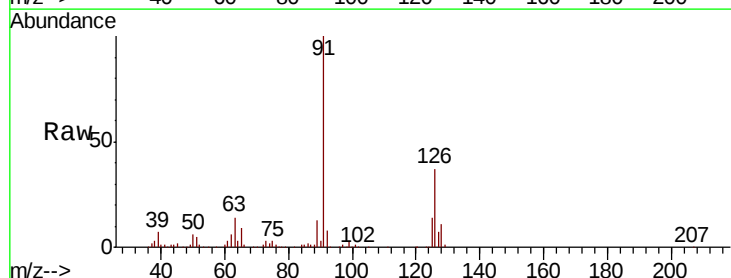
Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

Tgt Ion: 91 Resp: 350975

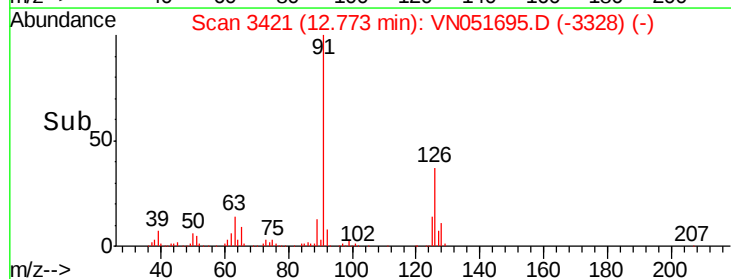
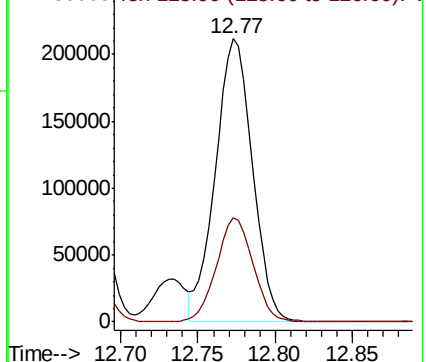
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 36.5  | 18.0  | 54.0  |

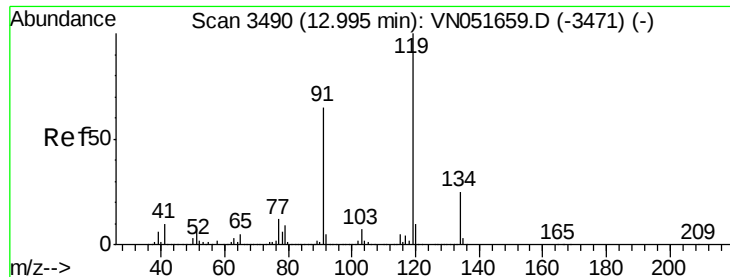


Abundance

Ion 91.00 (90.70 to 91.70): VN0

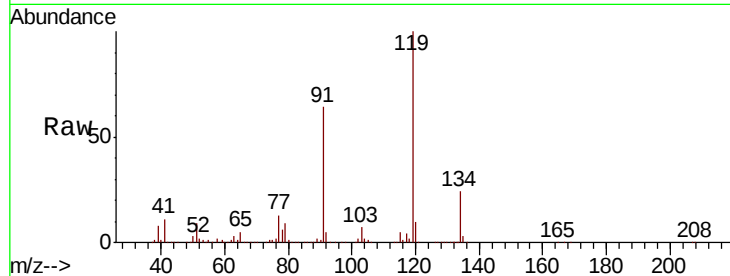
Ion 125.90 (125.60 to 126.60): V



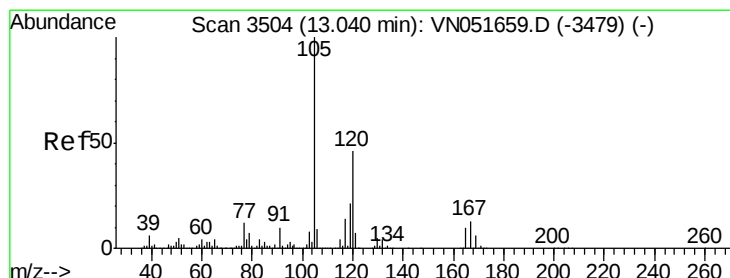
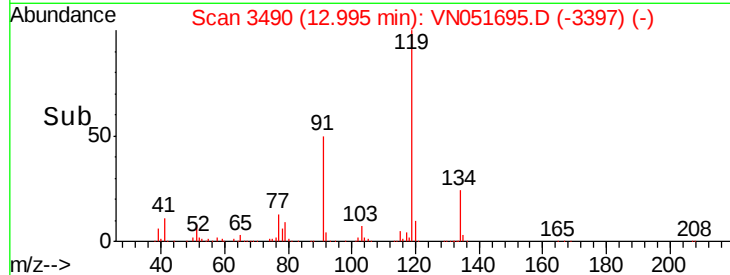
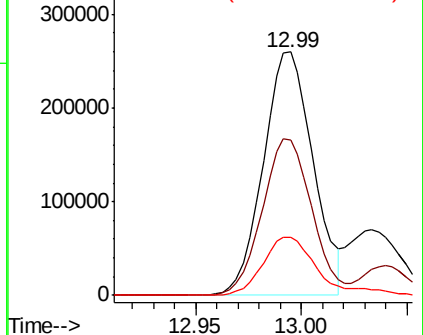


#83  
tert-Butylbenzene  
Concen: 19.985 ug/l  
RT: 12.99 min Scan# 3490  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

Tot Ion:119 Resp: 426059  
Ion Ratio Lower Upper  
119 100  
91 64.0 32.1 96.5  
134 26.5 13.3 39.9

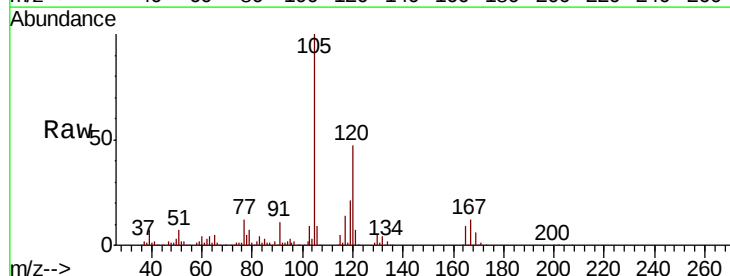


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

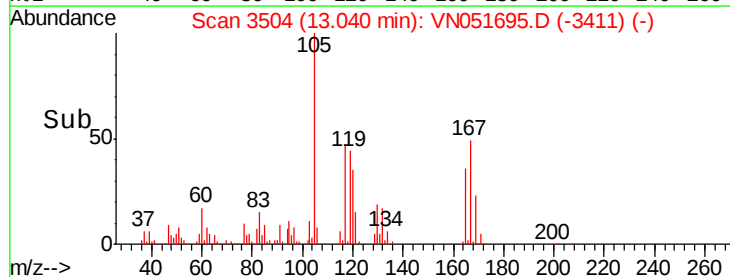
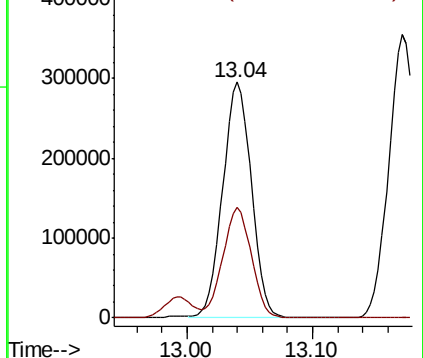


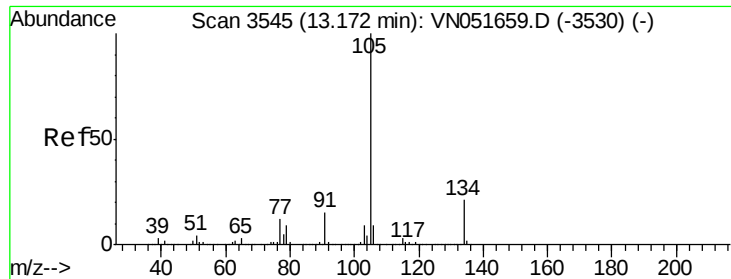
#84  
1,2,4-Trimethylbenzene  
Concen: 19.691 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

Tgt Ion:105 Resp: 469280  
Ion Ratio Lower Upper  
105 100  
120 46.6 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.062 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051695.D

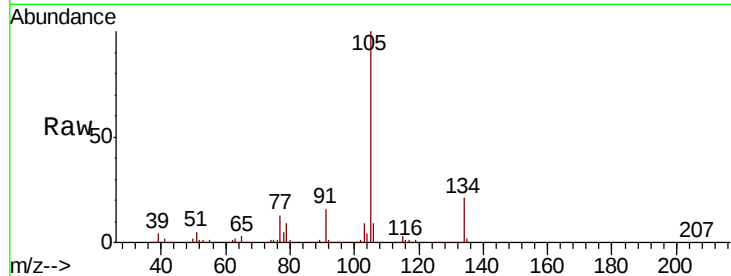
Acq: 5 Oct 2018 19:07

Tot Ion:105 Resp: 565772

Ion Ratio Lower Upper

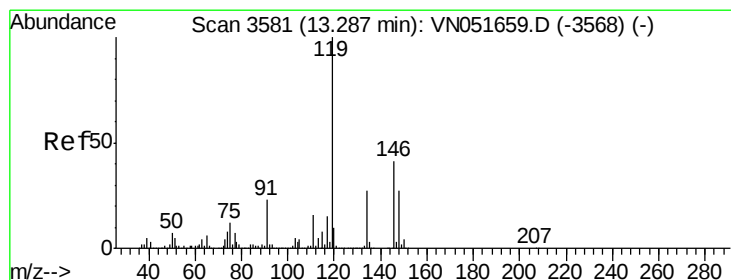
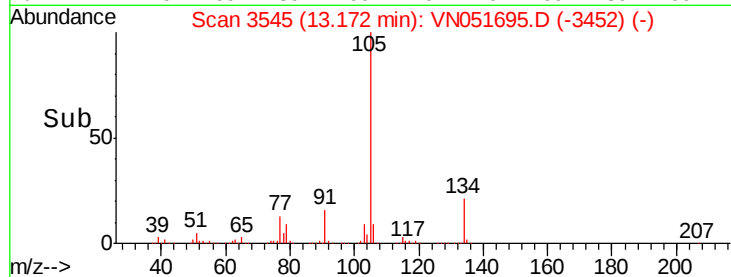
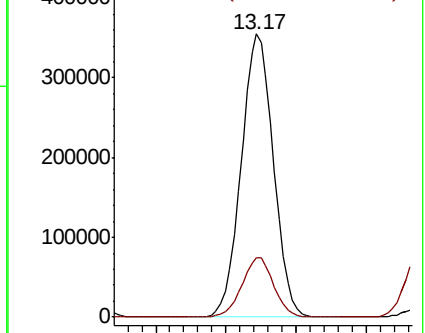
105 100

134 20.7 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.723 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

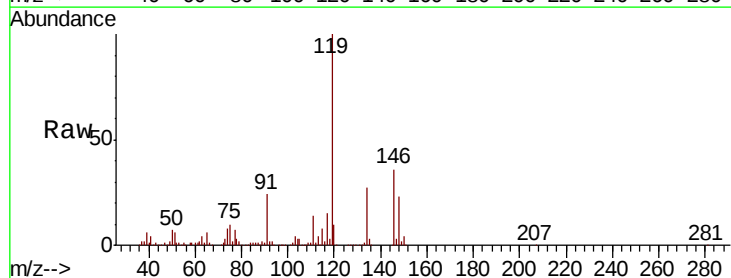
Tgt Ion:119 Resp: 493080

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

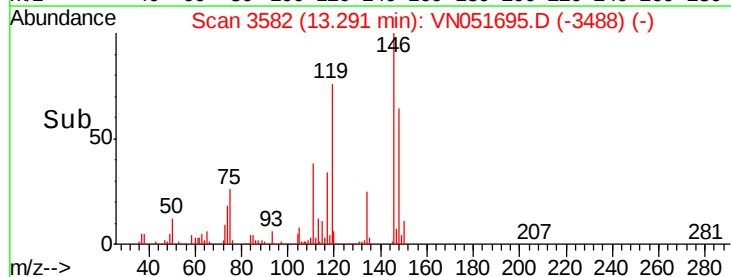
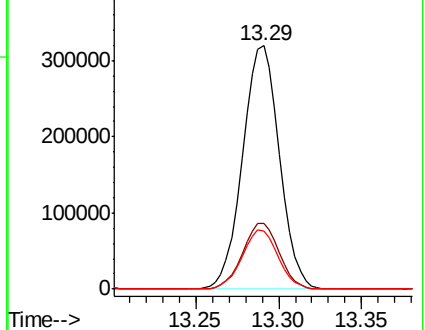
91 23.9 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.129 ug/l

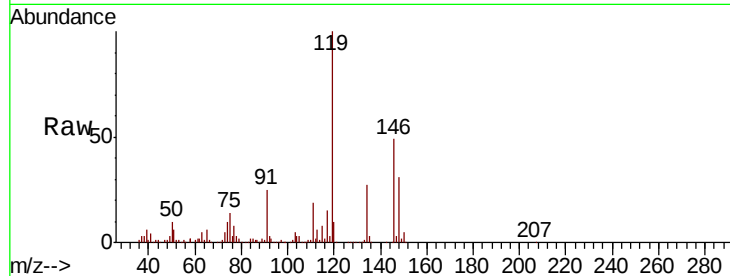
RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

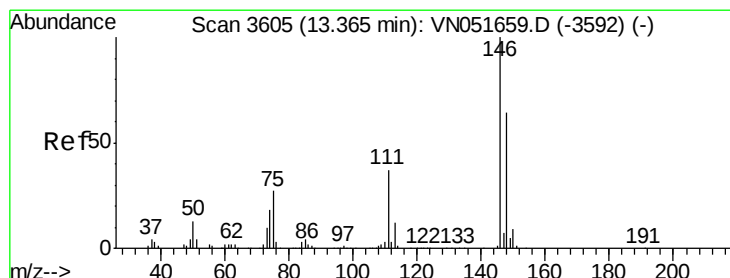
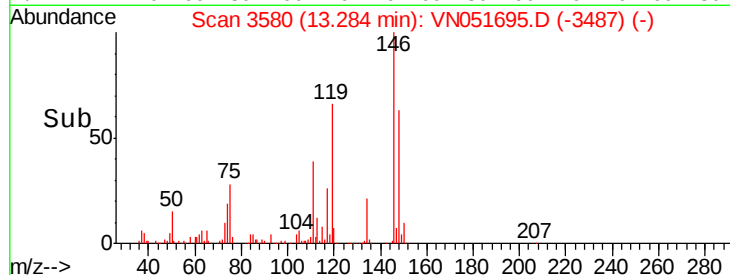
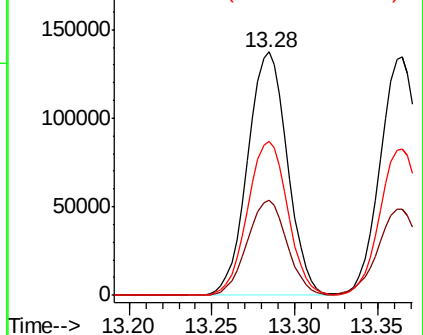
Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 146   | Resp: | 230101 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 39.1  | 19.3  | 57.9   |
| 148      | 63.8  | 32.5  | 97.5   |



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



#88

1,4-Dichlorobenzene

Concen: 19.068 ug/l

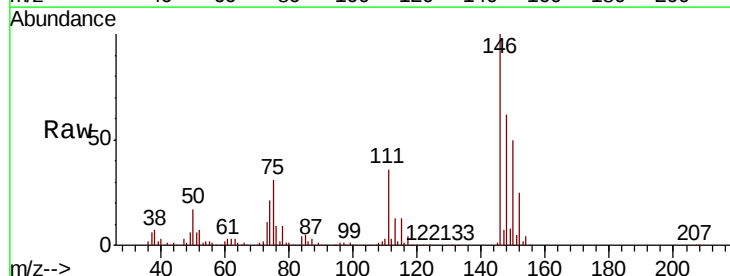
RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

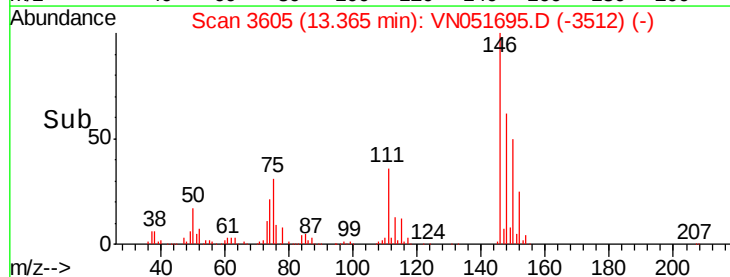
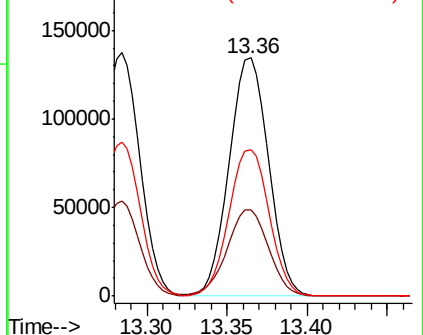
Lab File: VN051695.D

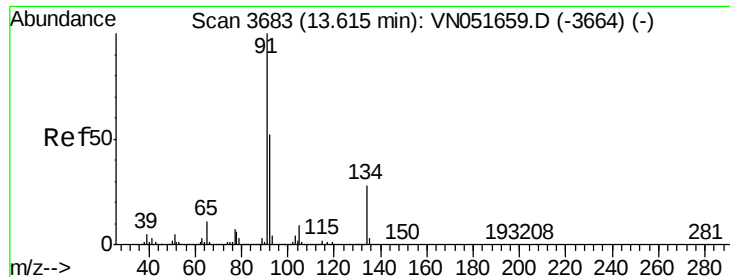
Acq: 5 Oct 2018 19:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 225761 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 38.2  | 18.6  | 55.8   |
| 148      | 62.8  | 32.3  | 96.8   |



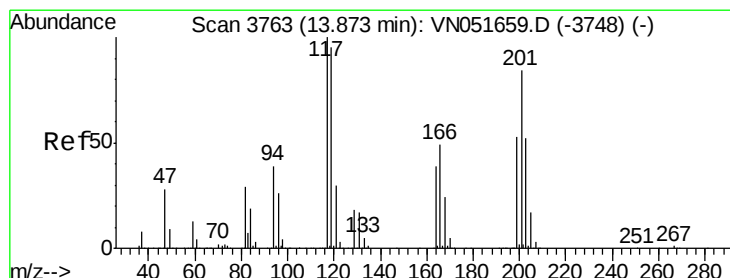
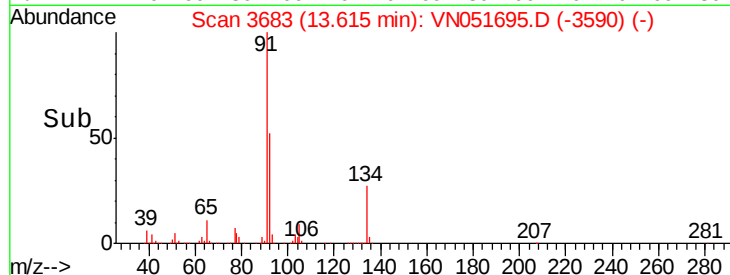
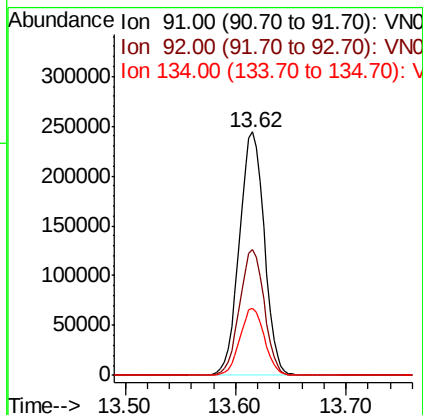
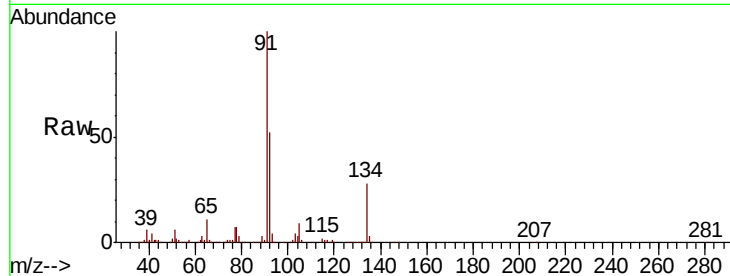
Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V





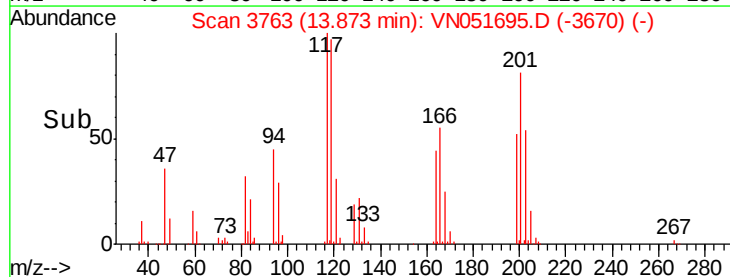
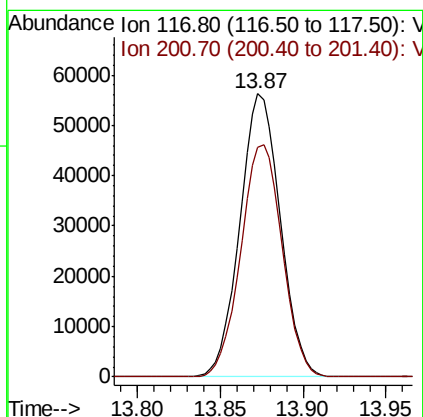
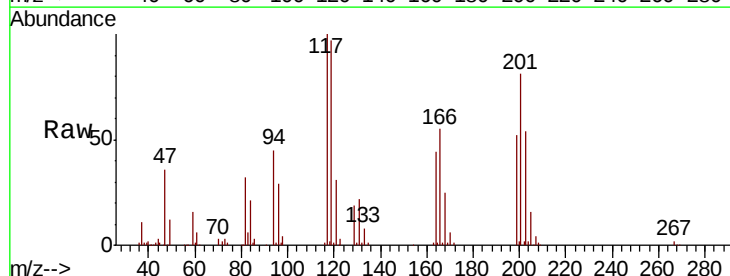
#89  
n-Butylbenzene  
Concen: 19.326 ug/l  
RT: 13.62 min Scan# 3683  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

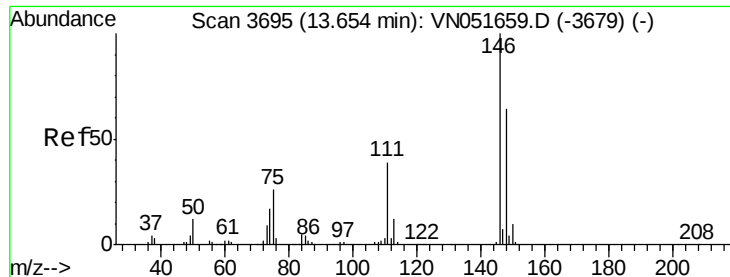
Tot Ion: 91 Resp: 382020  
Ion Ratio Lower Upper  
91 100  
92 51.1 26.0 78.0  
134 27.0 14.2 42.6



#90  
Hexachloroethane  
Concen: 19.188 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

Tgt Ion: 117 Resp: 95712  
Ion Ratio Lower Upper  
117 100  
201 83.9 42.4 127.3





#91

1,2-Dichlorobenzene

Concen: 19.309 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

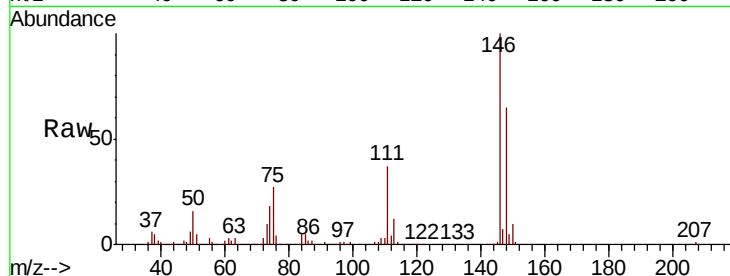
Tot Ion:146 Resp: 230899

Ion Ratio Lower Upper

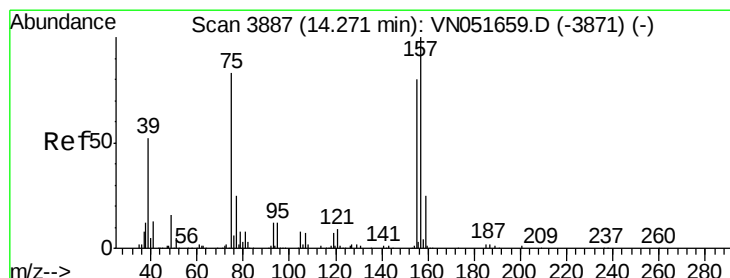
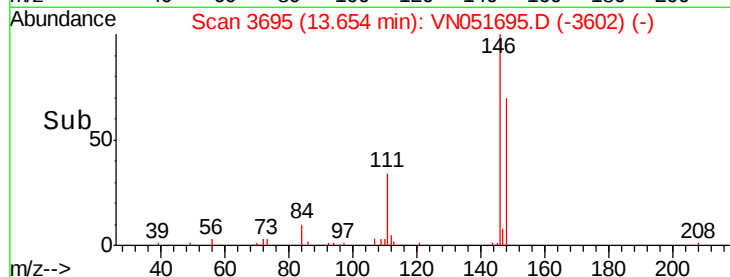
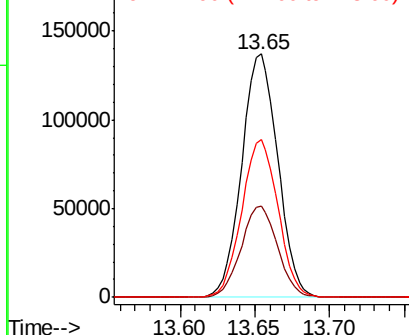
146 100

111 37.9 19.7 59.0

148 65.1 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.486 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN051695.D

Acq: 5 Oct 2018 19:07

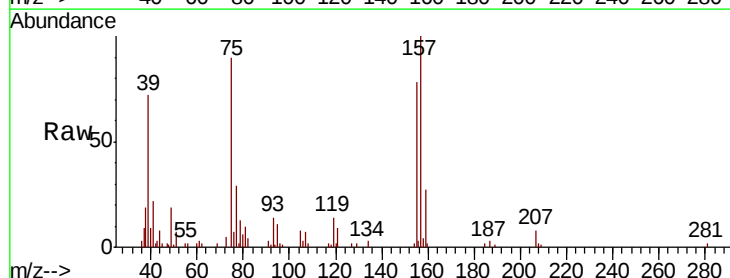
Tgt Ion: 75 Resp: 20318

Ion Ratio Lower Upper

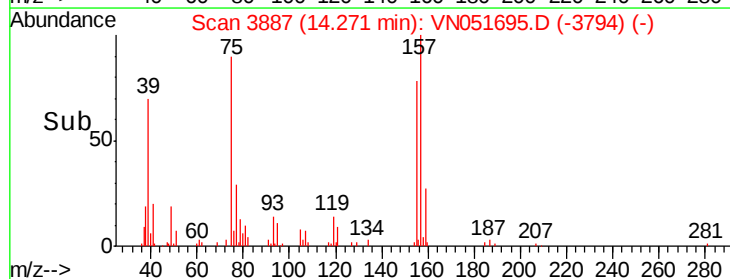
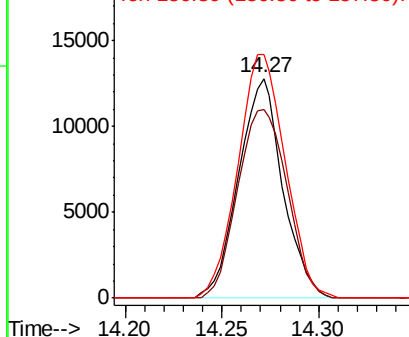
75 100

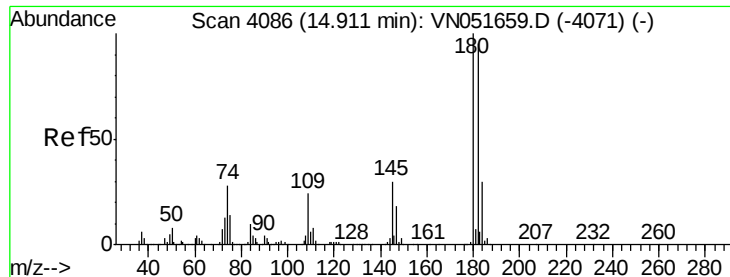
155 96.1 47.6 142.9

157 119.3 61.7 185.1



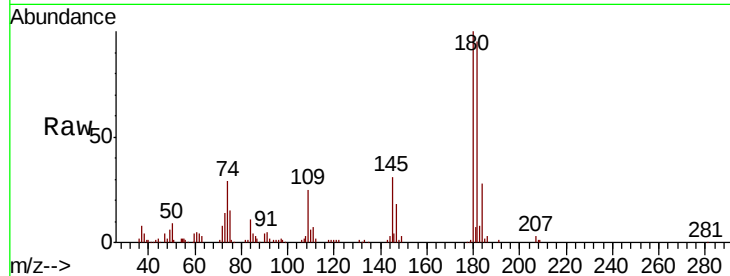
Abundance Ion 74.90 (74.60 to 75.60): V  
Ion 154.80 (154.50 to 155.50): V  
Ion 156.80 (156.50 to 157.50): V



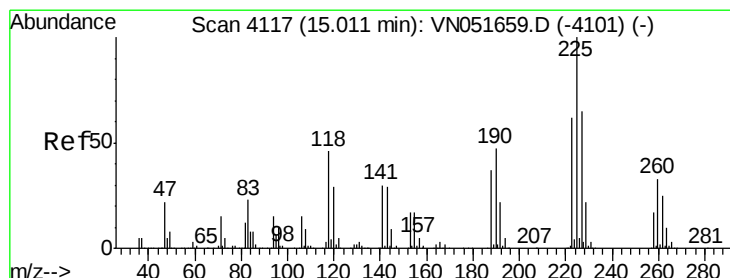
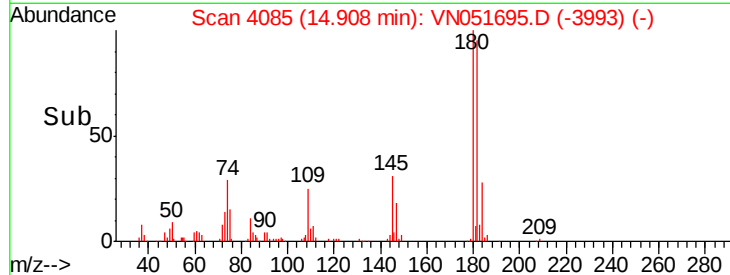
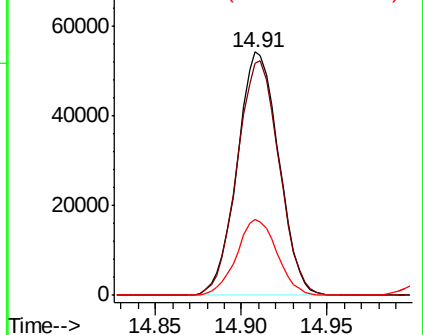


#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.060 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. -0.00 min  
 Lab File: VN051695.D  
 Acq: 5 Oct 2018 19:07

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.2  | 47.7  | 143.1 |
| 145     | 30.5  | 15.3  | 45.9  |

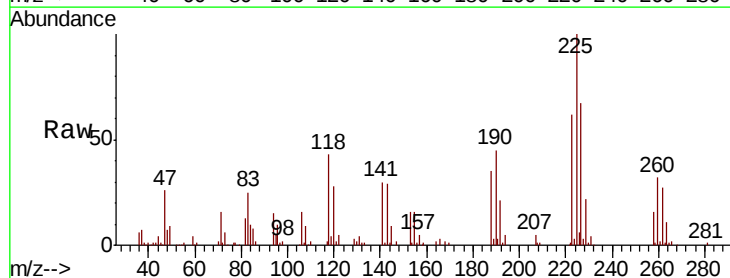


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

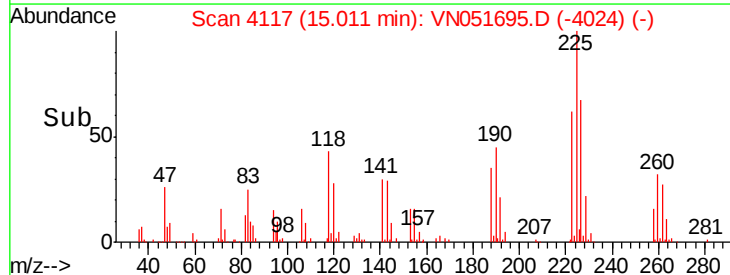
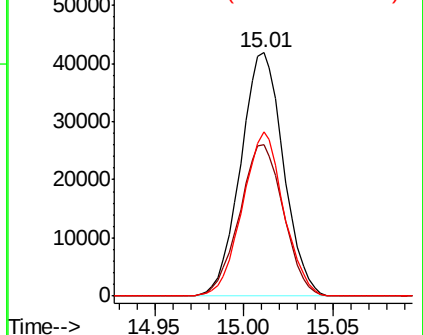


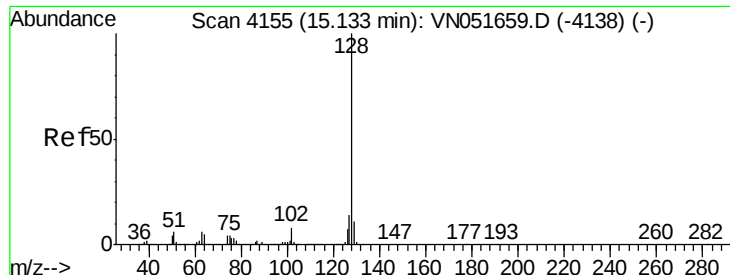
#94  
 Hexachlorobutadiene  
 Concen: 19.392 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN051695.D  
 Acq: 5 Oct 2018 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.8  | 31.9  | 95.5  |
| 227     | 65.0  | 31.7  | 95.1  |



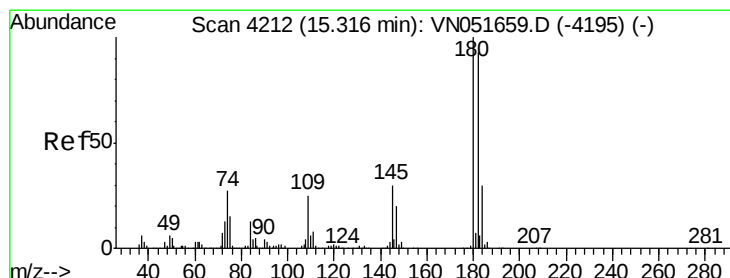
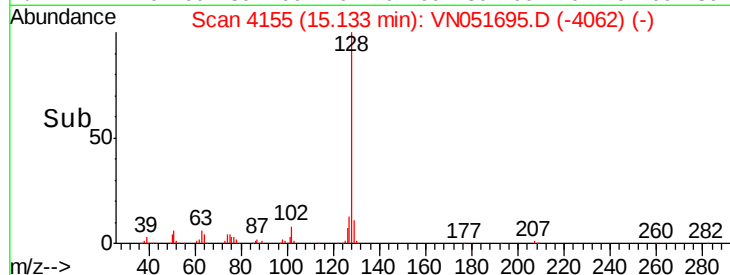
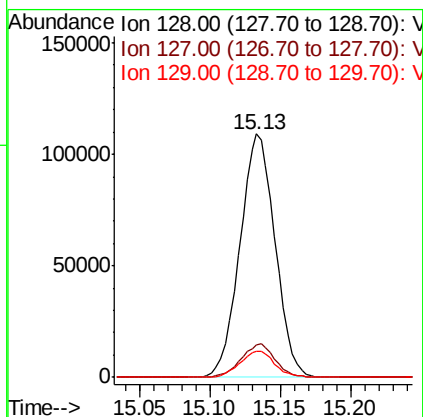
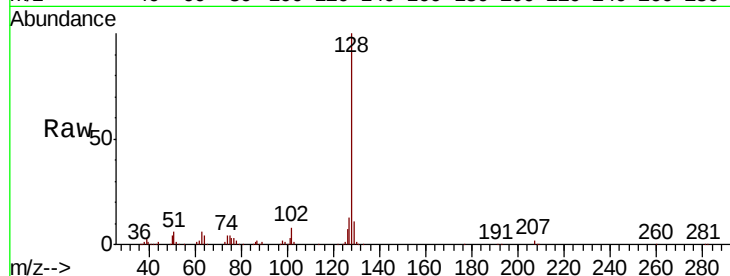
Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95  
Naphthalene  
Concen: 16.539 ug/l  
RT: 15.13 min Scan# 4155  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.2  | 10.6  | 15.8  |
| 129     | 10.7  | 9.0   | 13.6  |



#96  
1,2,3-Trichlorobenzene  
Concen: 18.509 ug/l  
RT: 15.32 min Scan# 4212  
Delta R.T. 0.00 min  
Lab File: VN051695.D  
Acq: 5 Oct 2018 19:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 47.3  | 141.8 |
| 145     | 30.6  | 15.6  | 46.8  |

