

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\  
 Data File : VN053436.D  
 Acq On : 17 Jan 2019 15:59  
 Operator : JC/SP  
 Sample : VN0117WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 28

Quant Time: Jan 18 00:09:56 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011519W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 16 03:10:53 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 802616   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1181095  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1072361  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 535006   | 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   | 392912   | 49.53 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.06%  |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 341799   | 50.71 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.42% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1430741  | 50.19 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.38% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 501015   | 50.12 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.24% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 127583   | 19.771  | ug/l  | 100    |
| 3) Chloromethane              | 2.06 | 50   | 172385   | 18.684  | ug/l  | 99     |
| 4) Vinyl Chloride             | 2.19 | 62   | 168501   | 18.946  | ug/l  | 100    |
| 5) Bromomethane               | 2.57 | 94   | 116276   | 19.054  | ug/l  | 100    |
| 6) Chloroethane               | 2.71 | 64   | 101786   | 18.930  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 3.02 | 101  | 230104   | 19.780  | ug/l  | 99     |
| 8) Diethyl Ether              | 3.41 | 74   | 85195    | 19.499  | ug/l  | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101  | 151330   | 20.541  | ug/l  | 100    |
| 10) Methyl Iodide             | 3.96 | 142  | 209681   | 18.624  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 4.77 | 59   | 50146    | 129.182 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 3.74 | 96   | 138878   | 19.435  | ug/l  | 98     |
| 13) Acrolein                  | 3.61 | 56   | 60421    | 95.250  | ug/l  | 97     |
| 14) Allyl chloride            | 4.33 | 41   | 230455   | 19.855  | ug/l  | 99     |
| 15) Acrylonitrile             | 4.99 | 53   | 268940   | 105.274 | ug/l  | 100    |
| 16) Acetone                   | 3.82 | 43   | 193657   | 104.047 | ug/l  | 99     |
| 17) Carbon Disulfide          | 4.06 | 76   | 404355   | 18.712  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.32 | 43   | 129382   | 20.632  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 392672   | 20.681  | ug/l  | 98     |
| 20) Methylene Chloride        | 4.55 | 84   | 162733   | 19.151  | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 5.05 | 96   | 151051   | 19.772  | ug/l  | 99     |
| 22) Diisopropyl ether         | 5.95 | 45   | 487716   | 20.128  | ug/l  | 96     |
| 23) Vinyl Acetate             | 5.90 | 43   | 1538193  | 103.269 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 283280   | 19.776  | ug/l  | 99     |
| 25) 2-Butanone                | 6.83 | 43   | 311799   | 108.709 | ug/l  | 100    |
| 26) 2,2-Dichloropropane       | 6.83 | 77   | 211237   | 19.531  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 172050   | 19.694  | ug/l  | 99     |
| 28) Bromochloromethane        | 7.19 | 49   | 124839   | 19.783  | ug/l  | 100    |
| 29) Tetrahydrofuran           | 7.21 | 42   | 204720   | 109.640 | ug/l  | 99     |
| 30) Chloroform                | 7.37 | 83   | 281125   | 20.143  | ug/l  | 99     |
| 31) Cyclohexane               | 7.65 | 56   | 269089   | 19.165  | ug/l  | 97     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 232045   | 19.600  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 214834   | 19.973  | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.93 | 43   | 133347   | 21.548  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 7.78 | 117  | 205171   | 20.147  | ug/l  | 99     |

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 ALS Vial : 4 Sample Multiplier: 28

Quant Time: Jan 18 00:09:56 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011519W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 16 03:10:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 39) Methylcyclohexane          | 9.08  | 83   | 268938   | 20.229  | ug/l   | 100      |
| 40) Benzene                    | 8.04  | 78   | 657928   | 20.128  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.17  | 41   | 64895    | 18.080  | ug/l # | 81       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 196135   | 20.597  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.16  | 43   | 243790   | 21.909  | ug/l   | 99       |
| 44) Trichloroethene            | 8.84  | 130  | 185629   | 20.479  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 172283   | 19.899  | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 100287   | 20.162  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.40  | 83   | 212241   | 20.289  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.20  | 41   | 120734   | 21.014  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 28832    | 513.836 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 676897   | 111.433 | ug/l   | 100      |
| 52) Toluene                    | 10.16 | 92   | 408782   | 20.144  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 215013   | 20.279  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 253900   | 20.428  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 146717   | 20.971  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 188287   | 20.241  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 251196   | 20.756  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 497991   | 101.747 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 476313   | 111.700 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 161453   | 20.347  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 145144   | 20.513  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 208500   | 20.632  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.43 | 112  | 459266   | 20.234  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 160447   | 20.319  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 780793   | 20.184  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 607355   | 41.585  | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 292885   | 20.638  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 482087   | 20.930  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 115670   | 21.278  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.25 | 105  | 789013   | 20.139  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 216818   | 20.760  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 169848   | 20.671  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 230544   | 32.700  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 207202   | 20.070  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 924953   | 20.567  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 531837   | 19.951  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 653431   | 20.499  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 50459    | 19.728  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 553972   | 20.378  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 575070   | 20.426  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 667924   | 20.781  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 799992   | 20.719  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 697626   | 20.808  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 371673   | 20.467  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 369850   | 20.304  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 589743   | 20.636  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 103158   | 19.619  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 352188   | 21.080  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 24751    | 23.756  | ug/l   | 97       |

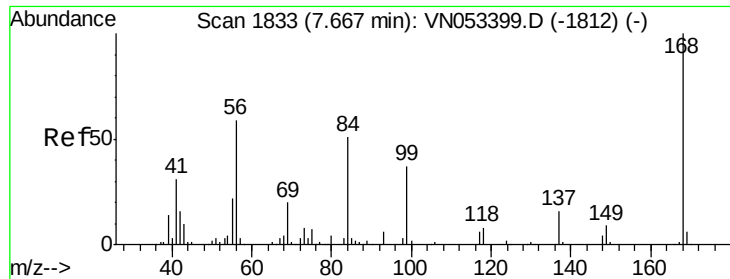
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\  
Data File : VN053436.D  
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Quant Title : SW846 8260  
QLast Update : Wed Jan 16 03:10:53 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 159161   | 23.163 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 120232   | 23.070 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 267547   | 22.996 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 123166   | 24.955 | 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: VN053436.D

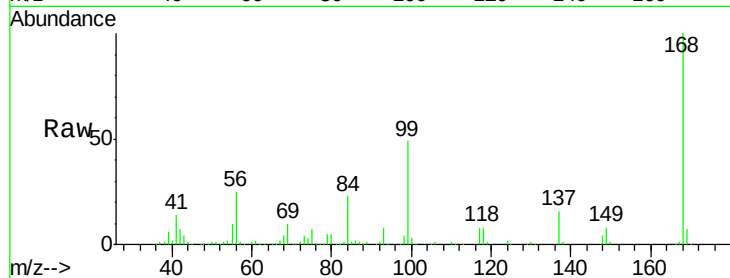
Acq: 17 Jan 2019 15:59

Tot Ion:168 Resp: 802616

Ion Ratio Lower Upper

168 100

99 48.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

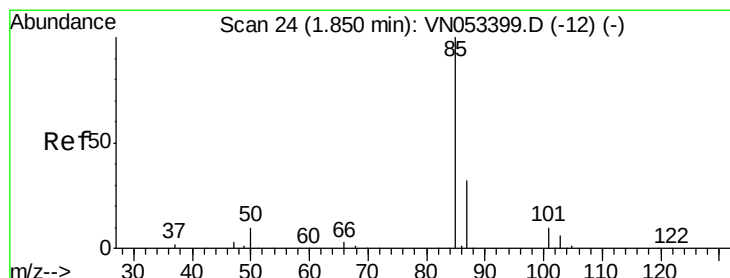
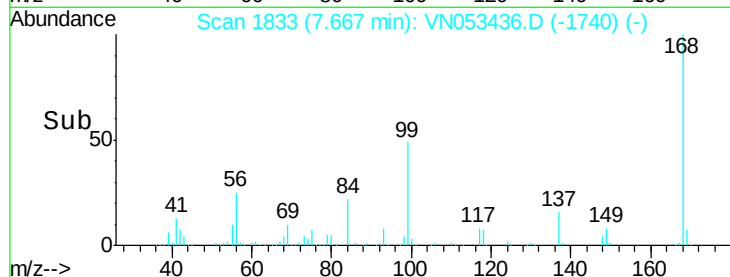
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.771 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053436.D

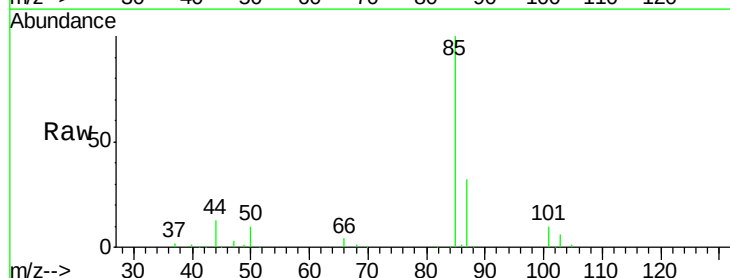
Acq: 17 Jan 2019 15:59

Tgt Ion: 85 Resp: 127583

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

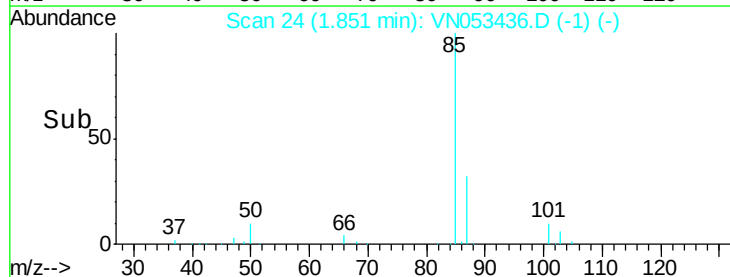
60000

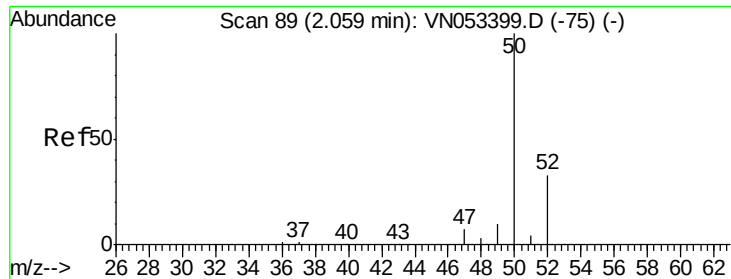
40000

20000

0

Time-->





#3

Chloromethane

Concen: 18.684 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN053436.D

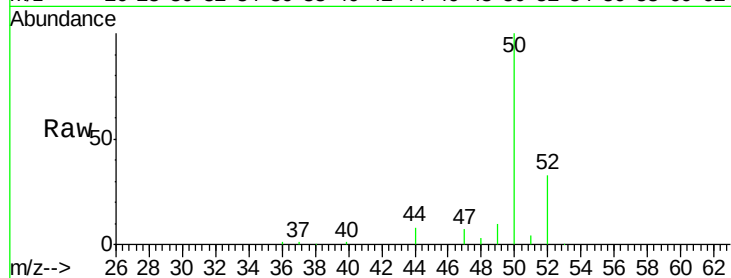
Acq: 17 Jan 2019 15:59

Tot Ion: 50 Resp: 172385

Ion Ratio Lower Upper

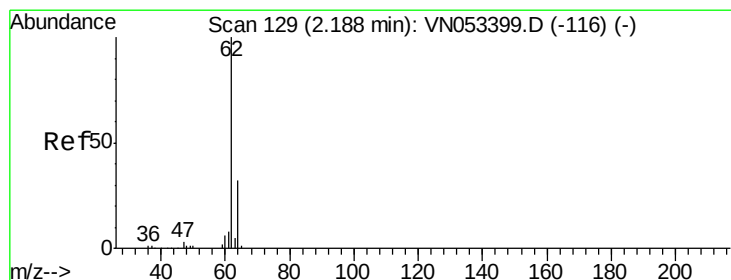
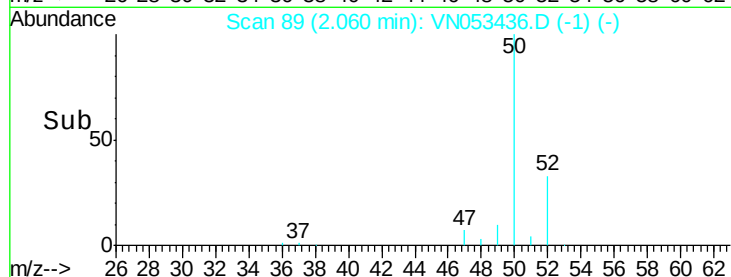
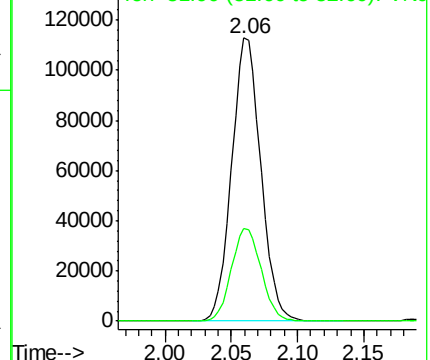
50 100

52 32.6 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.946 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053436.D

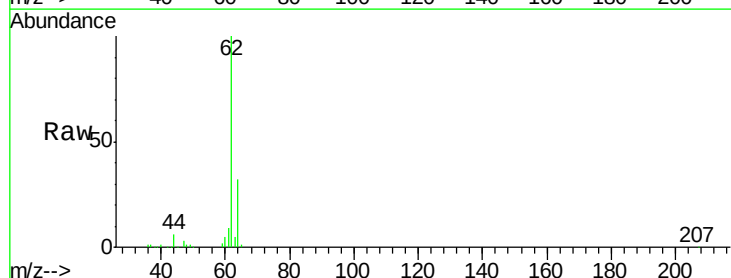
Acq: 17 Jan 2019 15:59

Tgt Ion: 62 Resp: 168501

Ion Ratio Lower Upper

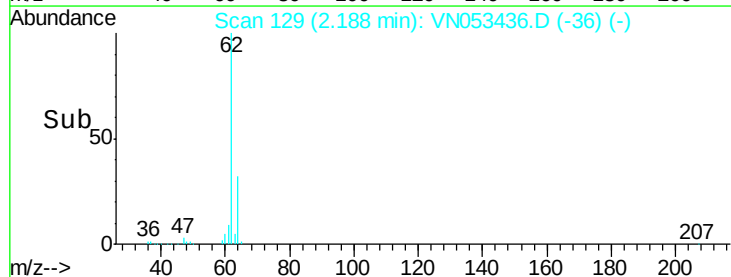
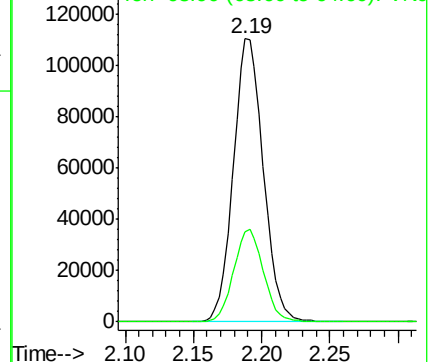
62 100

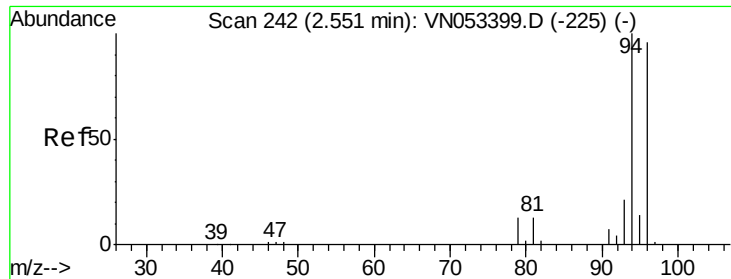
64 32.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.054 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.02 min

Lab File: VN053436.D

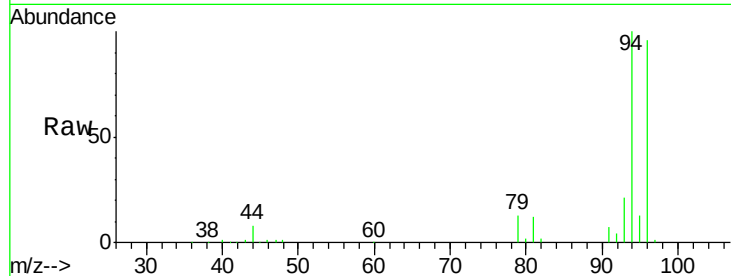
Acq: 17 Jan 2019 15:59

Tot Ion: 94 Resp: 116276

Ion Ratio Lower Upper

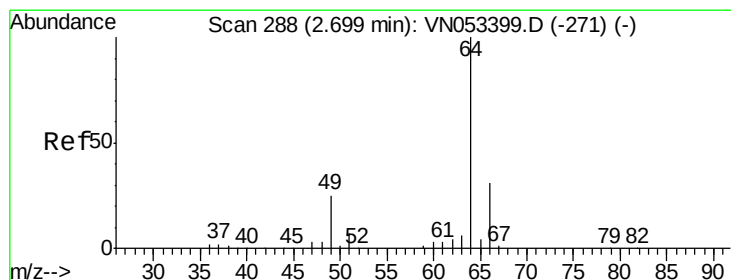
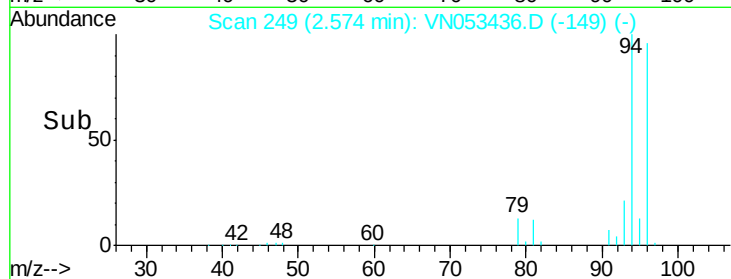
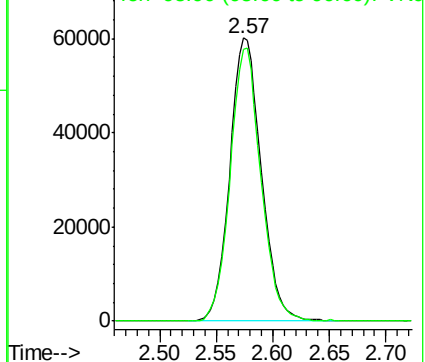
94 100

96 96.1 76.8 115.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.930 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN053436.D

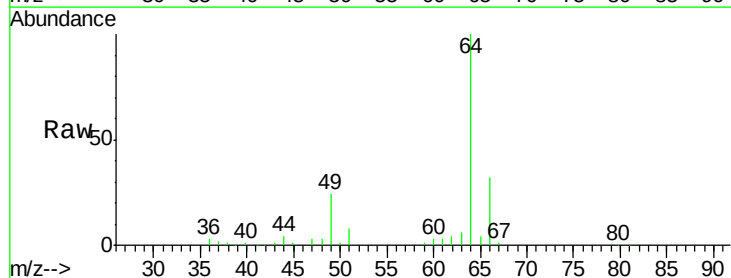
Acq: 17 Jan 2019 15:59

Tgt Ion: 64 Resp: 101786

Ion Ratio Lower Upper

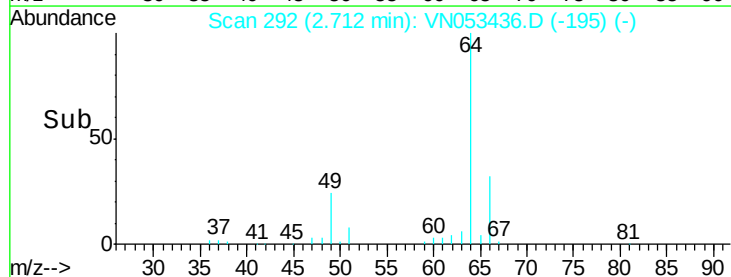
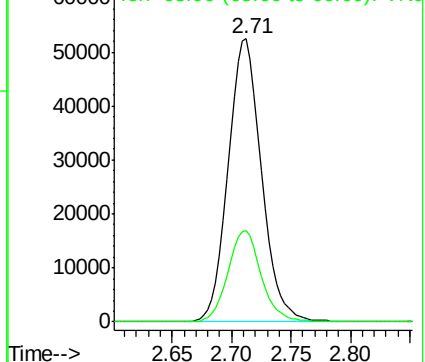
64 100

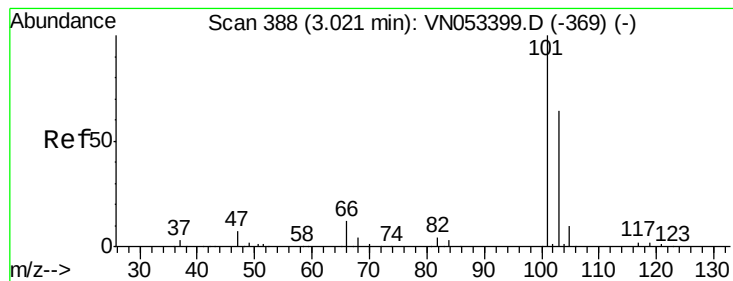
66 32.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

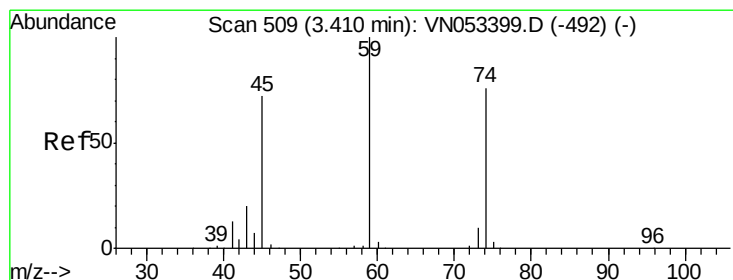
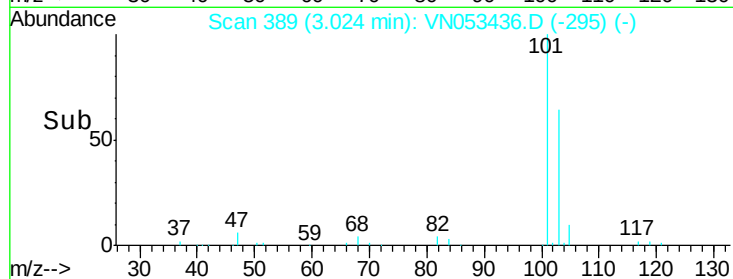
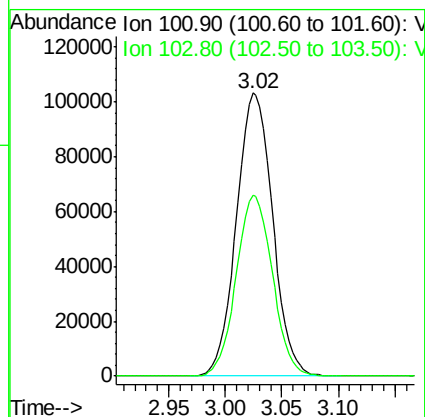
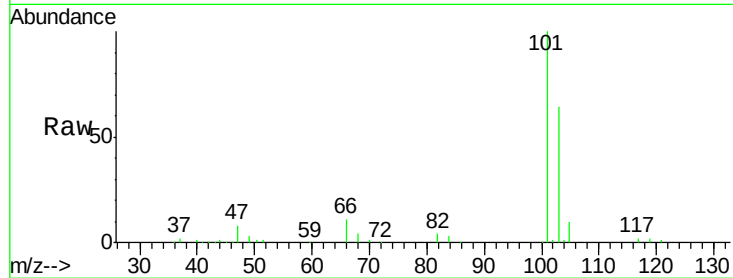




#7

Trichlorofluoromethane  
Concen: 19.780 ug/l  
RT: 3.02 min Scan# 389  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

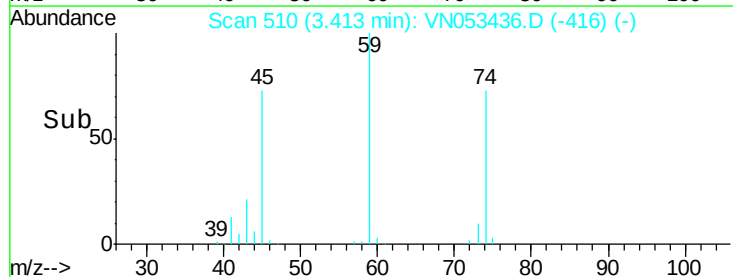
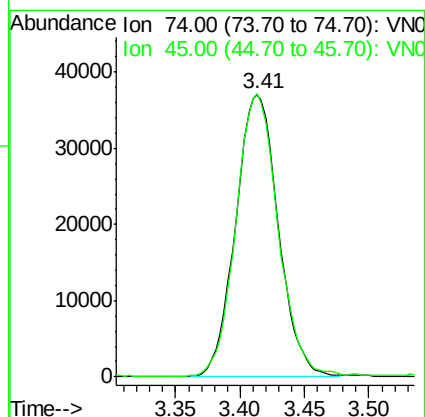
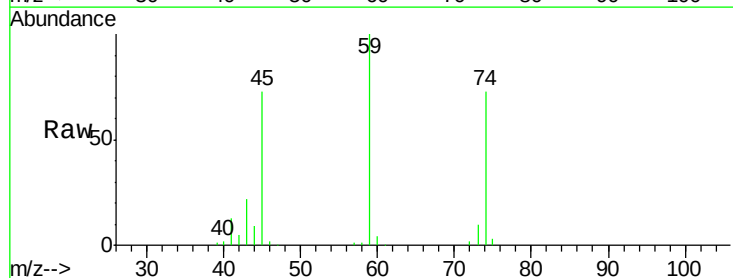
Tot Ion:101 Resp: 230104  
Ion Ratio Lower Upper  
101 100  
103 64.0 51.6 77.4



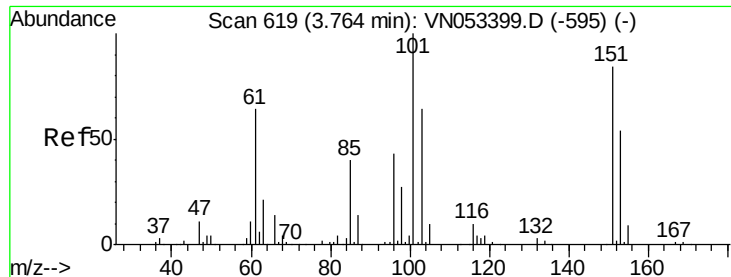
#8

Diethyl Ether  
Concen: 19.499 ug/l  
RT: 3.41 min Scan# 510  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

Tgt Ion: 74 Resp: 85195  
Ion Ratio Lower Upper  
74 100  
45 99.5 47.9 143.7

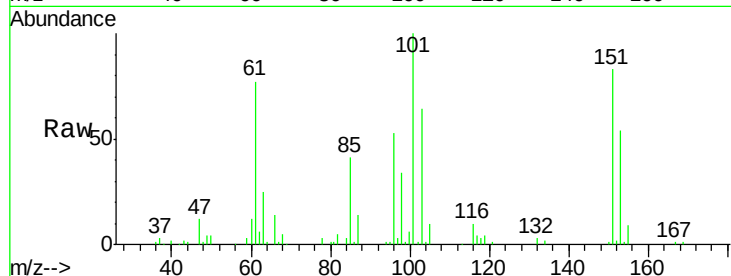




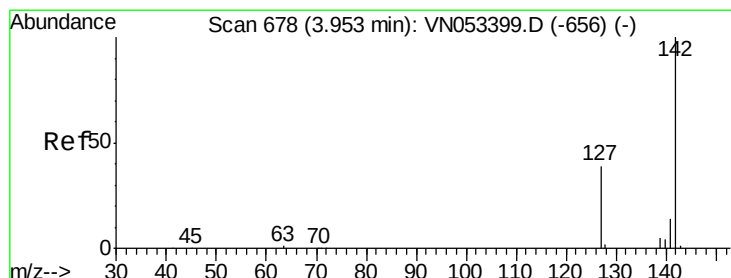
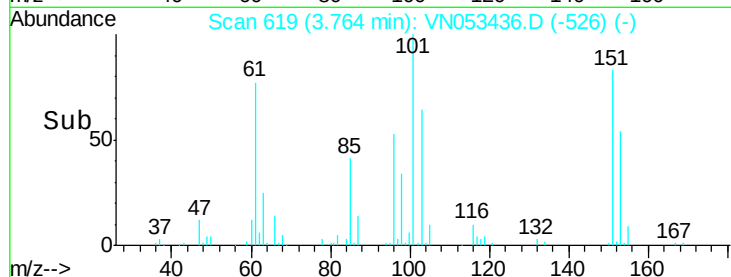
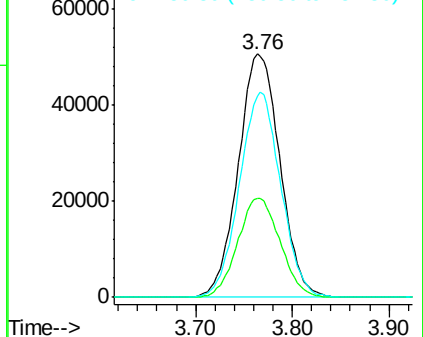


#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 20.541 ug/l  
 RT: 3.76 min Scan# 619  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 41.3  | 32.8  | 49.2  |
| 151     | 83.5  | 66.9  | 100.3 |

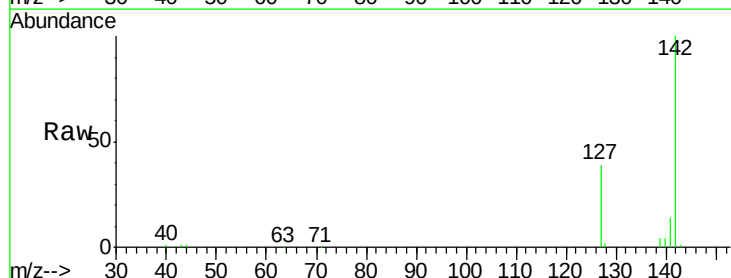


Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 84.90 (84.60 to 85.60): V  
 Ion 150.80 (150.50 to 151.50): V

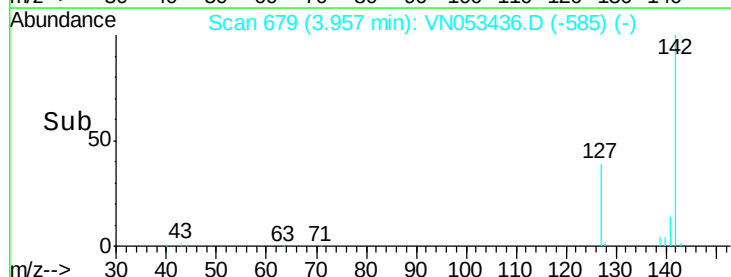
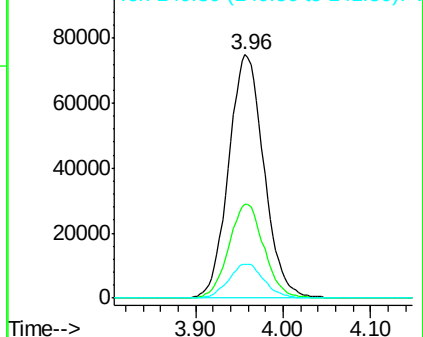


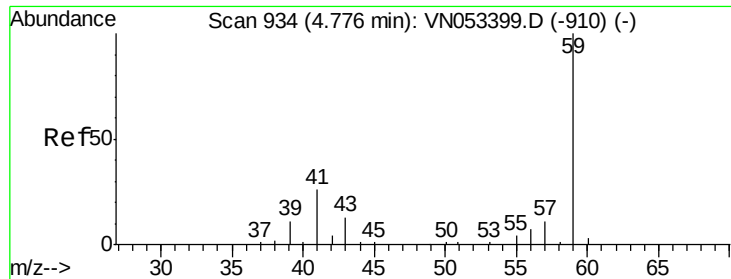
#10  
 Methyl Iodide  
 Concen: 18.624 ug/l  
 RT: 3.96 min Scan# 679  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 38.5  | 31.0  | 46.4  |
| 141     | 14.1  | 11.1  | 16.7  |



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: 129.182 ug/l

RT: 4.77 min Scan# 933

Delta R.T. -0.00 min

Lab File: VN053436.D

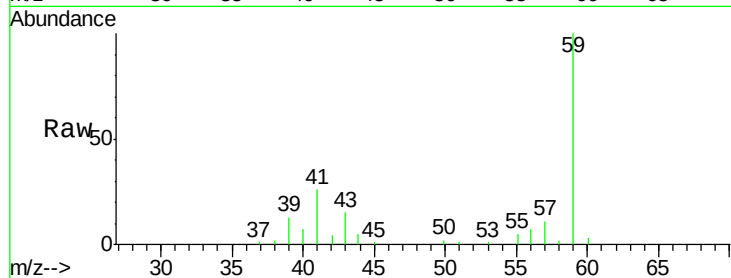
Acq: 17 Jan 2019 15:59

Tot Ion: 59 Resp: 50146

Ion Ratio Lower Upper

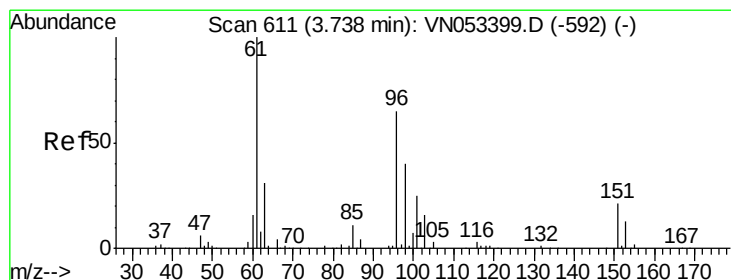
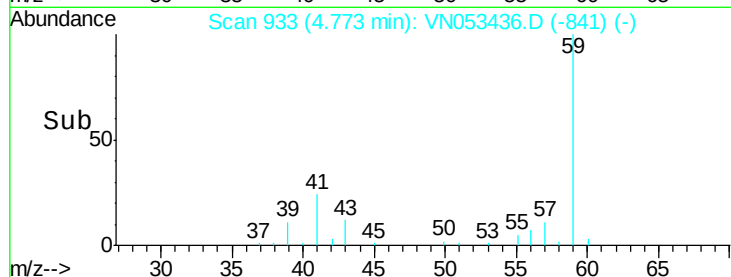
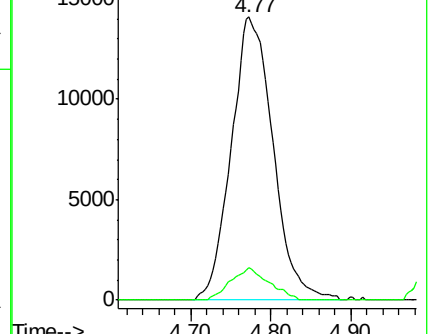
59 100

57 10.6 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 19.435 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

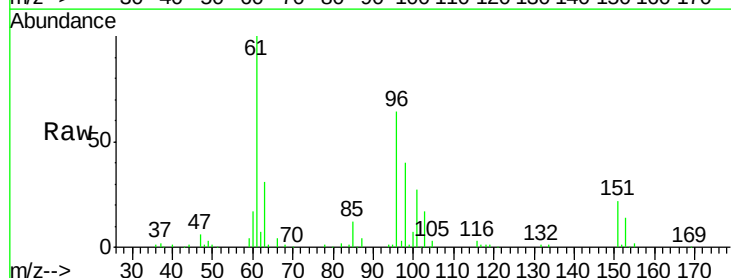
Tgt Ion: 96 Resp: 138878

Ion Ratio Lower Upper

96 100

61 157.3 122.9 184.3

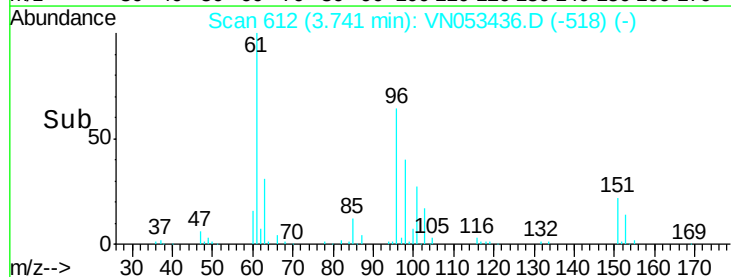
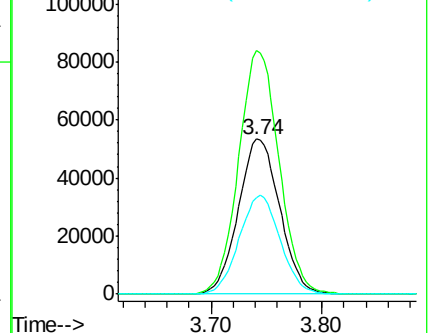
98 62.6 49.4 74.0

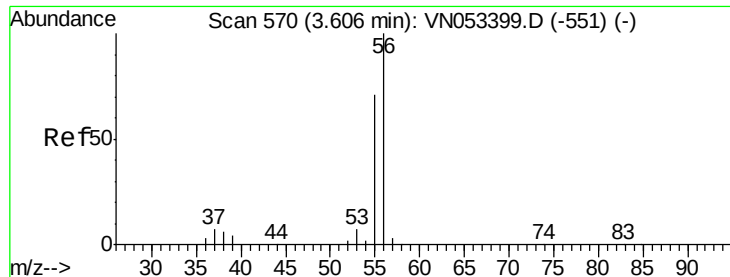


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 95.250 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053436.D

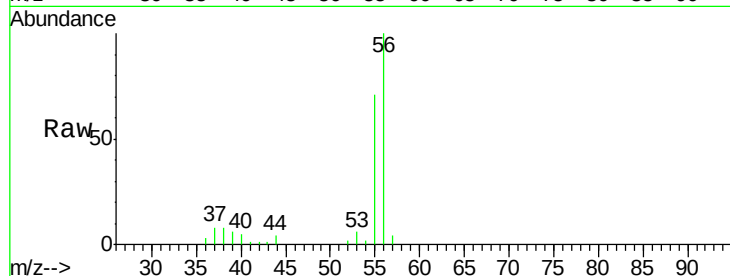
Acq: 17 Jan 2019 15:59

Tot Ion: 56 Resp: 60421

Ion Ratio Lower Upper

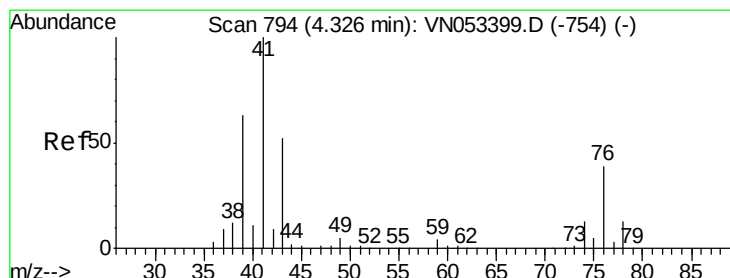
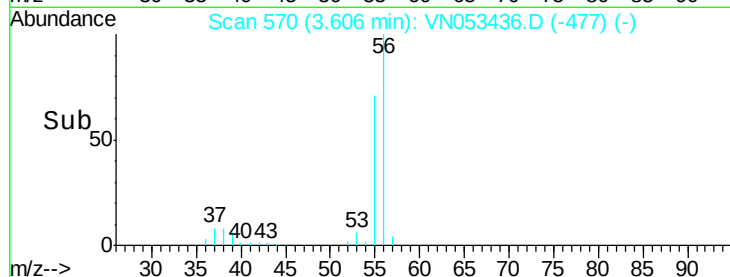
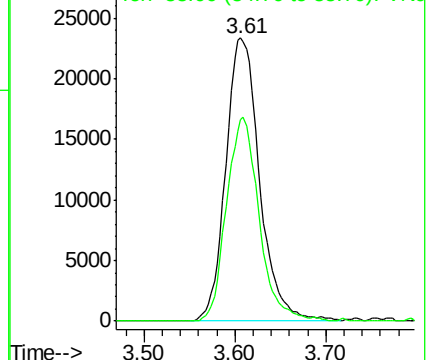
56 100

55 69.5 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.855 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

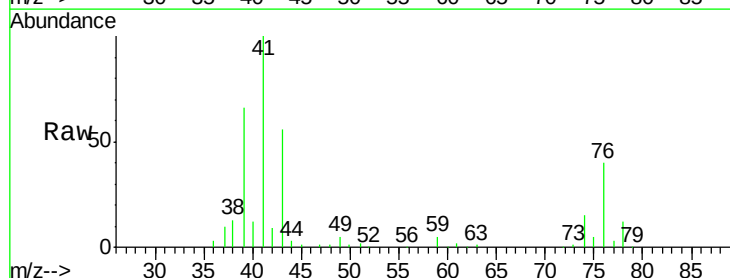
Tgt Ion: 41 Resp: 230455

Ion Ratio Lower Upper

41 100

39 59.7 48.9 73.3

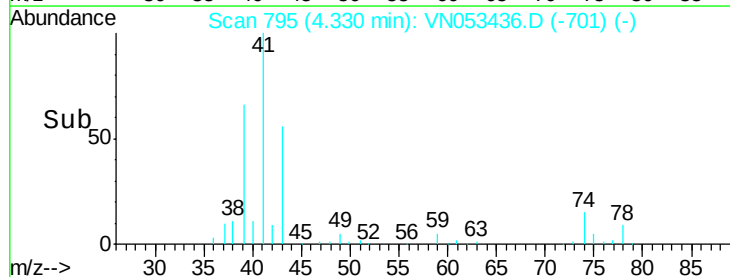
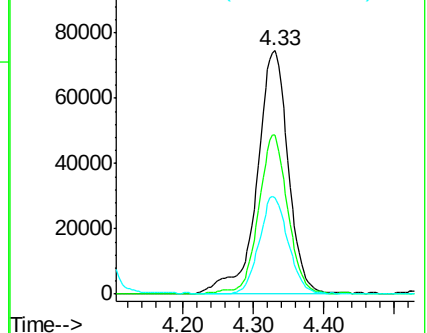
76 37.1 29.4 44.2

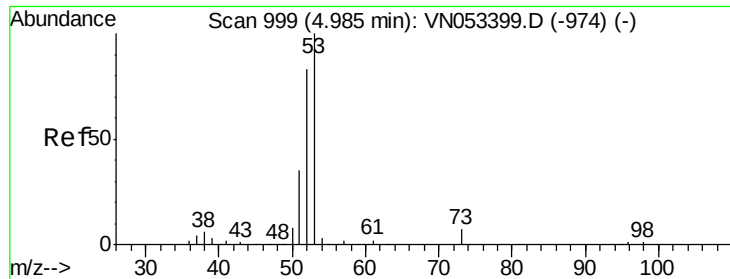


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 105.274 ug/l

RT: 4.99 min Scan# 1000

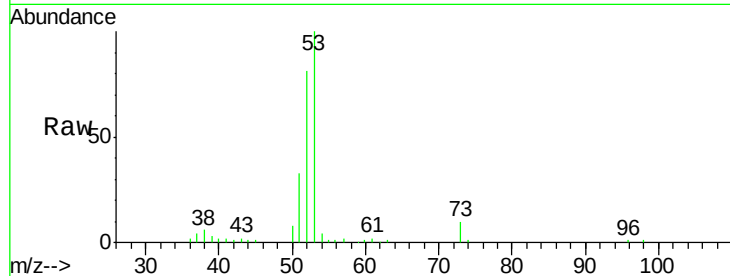
Delta R.T. 0.00 min

Lab File: VN053436.D

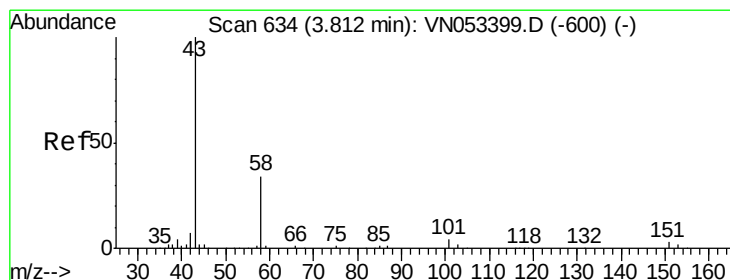
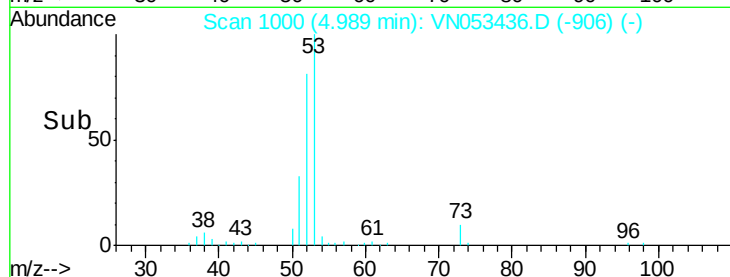
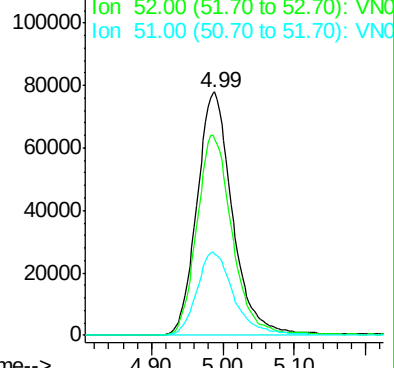
Acq: 17 Jan 2019 15:59

Tot Ion: 53 Resp: 268940

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.2  | 66.0  | 99.0  |
| 51  | 35.7  | 28.3  | 42.5  |



Abundance Ion 53.00 (52.70 to 53.70): VN053399.D (-974) (-)



#16

Acetone

Concen: 104.047 ug/l

RT: 3.82 min Scan# 635

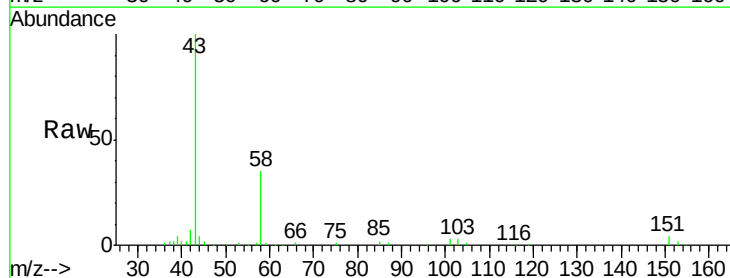
Delta R.T. 0.00 min

Lab File: VN053436.D

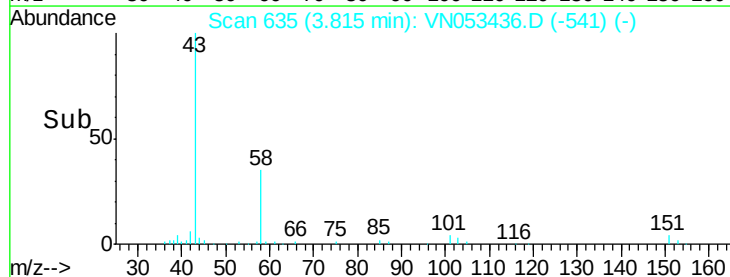
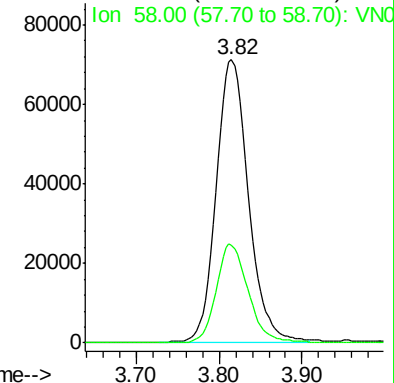
Acq: 17 Jan 2019 15:59

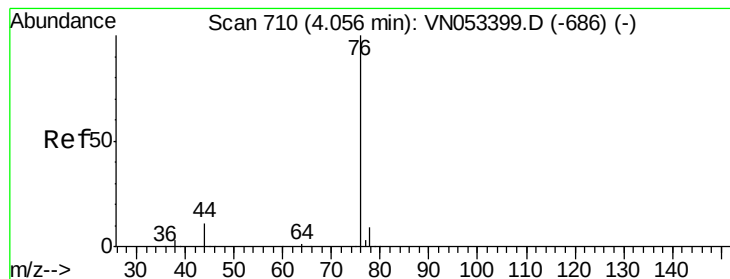
Tgt Ion: 43 Resp: 193657

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 34.5  | 27.1  | 40.7  |



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-600) (-)





#17

Carbon Disulfide

Concen: 18.712 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN053436.D

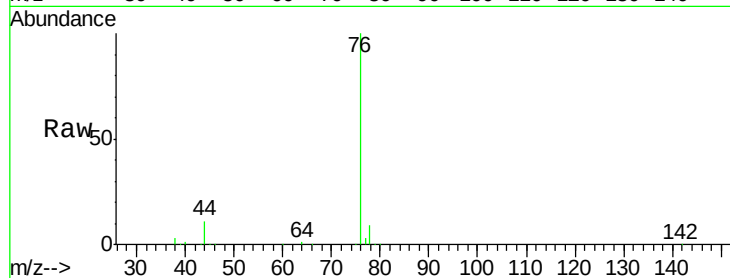
Acq: 17 Jan 2019 15:59

Tot Ion: 76 Resp: 404355

Ion Ratio Lower Upper

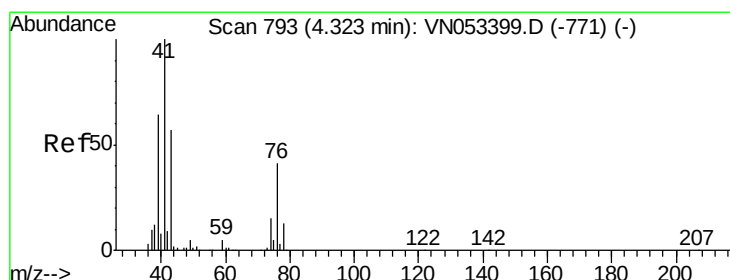
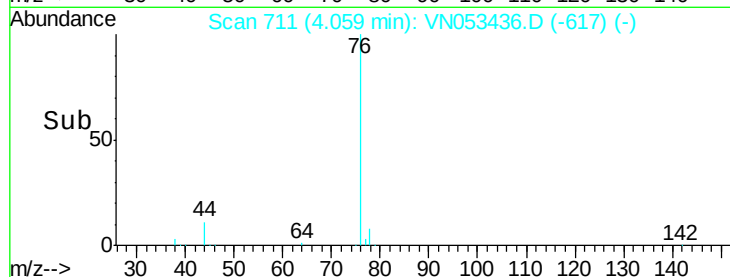
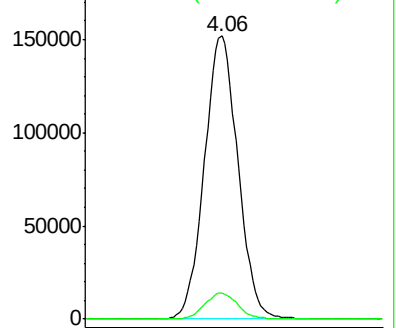
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 20.632 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN053436.D

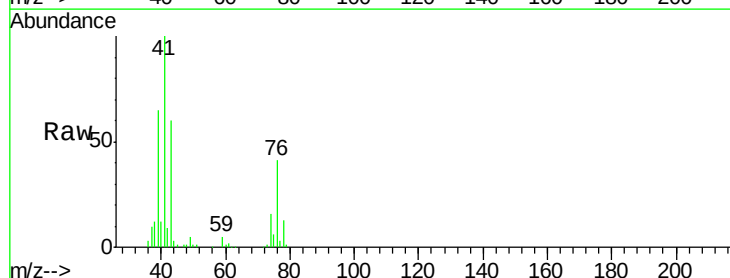
Acq: 17 Jan 2019 15:59

Tgt Ion: 43 Resp: 129382

Ion Ratio Lower Upper

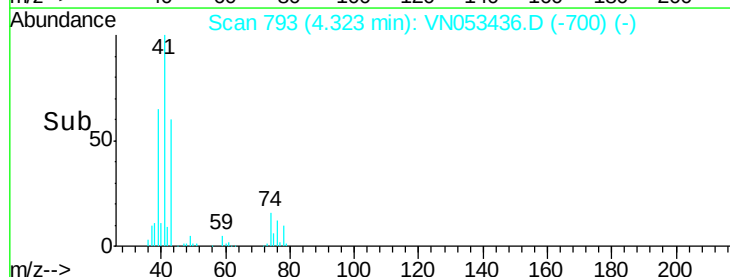
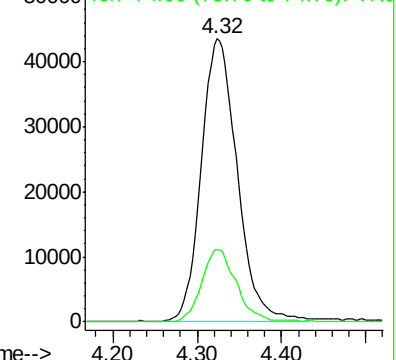
43 100

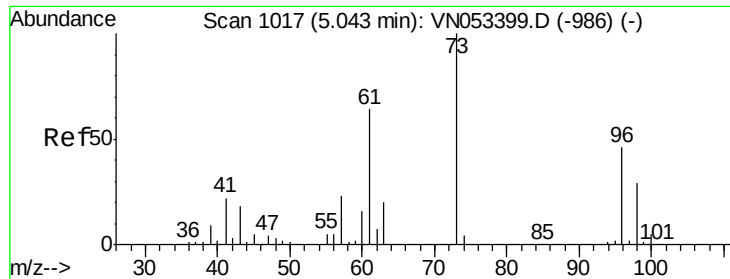
74 24.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

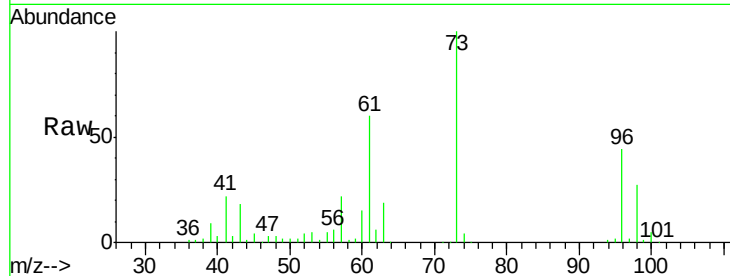




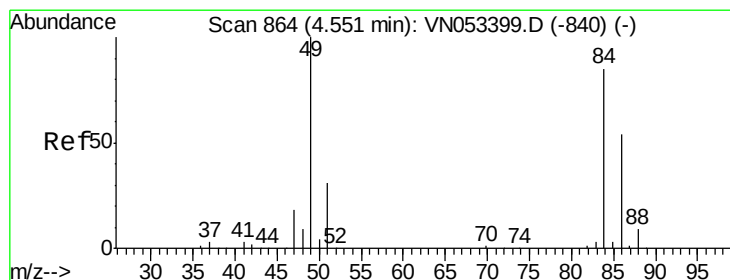
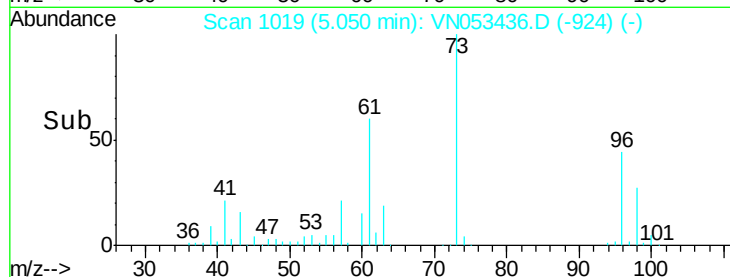
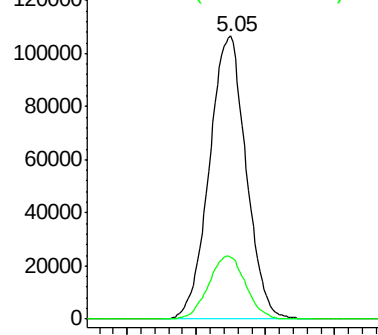
#19

Methyl tert-butyl Ether  
 Concen: 20.681 ug/l  
 RT: 5.05 min Scan# 1019  
 Delta R.T. 0.01 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

Tot Ion: 73 Resp: 392672  
 Ion Ratio Lower Upper  
 73 100  
 57 22.0 18.3 27.5



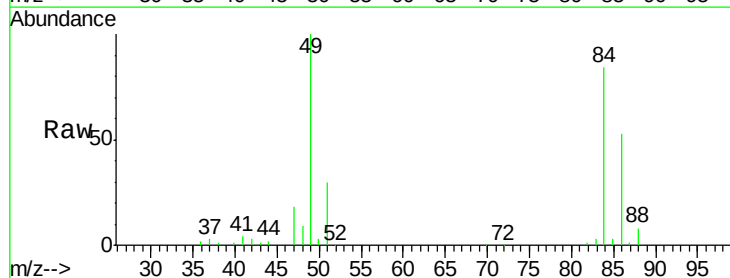
Abundance Ion 73.00 (72.70 to 73.70): VNO  
 Ion 57.00 (56.70 to 57.70): VNO



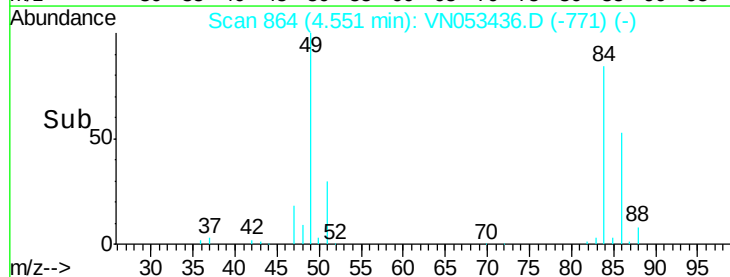
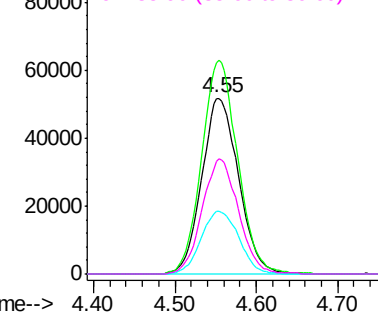
#20

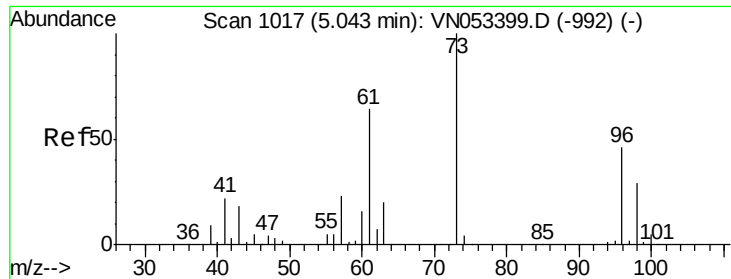
Methylene Chloride  
 Concen: 19.151 ug/l  
 RT: 4.55 min Scan# 864  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

Tgt Ion: 84 Resp: 162733  
 Ion Ratio Lower Upper  
 84 100  
 49 119.7 94.3 141.5  
 51 35.5 29.4 44.2  
 86 63.7 51.4 77.0



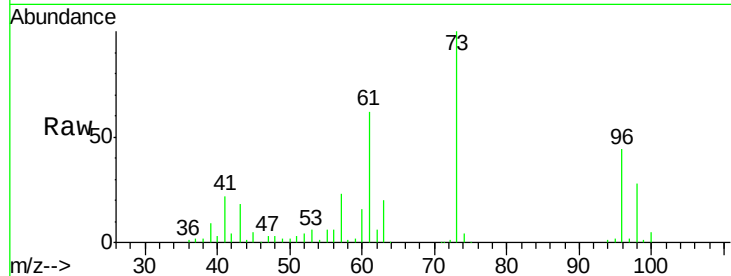
Abundance Ion 83.90 (83.60 to 84.60): VNO  
 Ion 48.90 (48.60 to 49.60): VNO  
 Ion 50.90 (50.60 to 51.60): VNO  
 Ion 85.90 (85.60 to 86.60): VNO



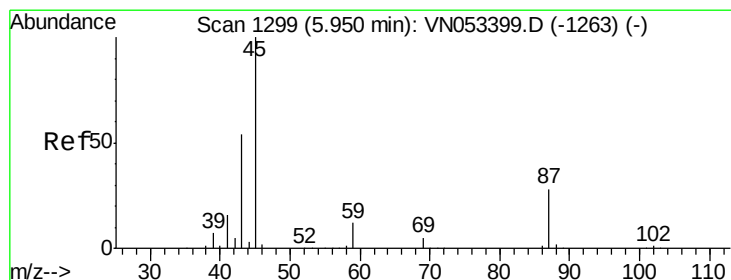
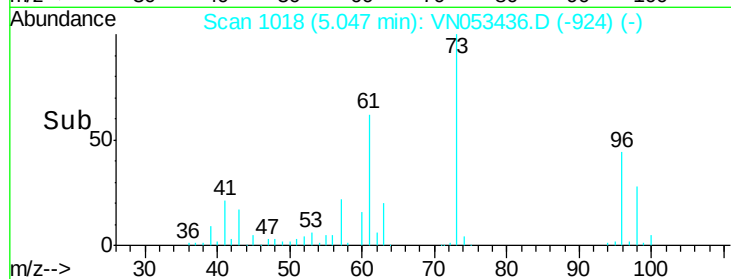
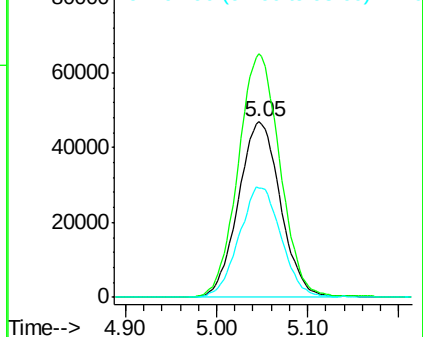


#21  
trans-1,2-Dichloroethene  
Concen: 19.772 ug/l  
RT: 5.05 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

Tot Ion: 96 Resp: 151051  
Ion Ratio Lower Upper  
96 100  
61 138.6 110.1 165.1  
98 62.4 50.0 75.0

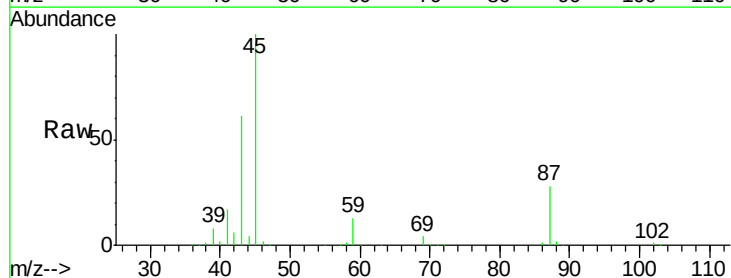


Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0

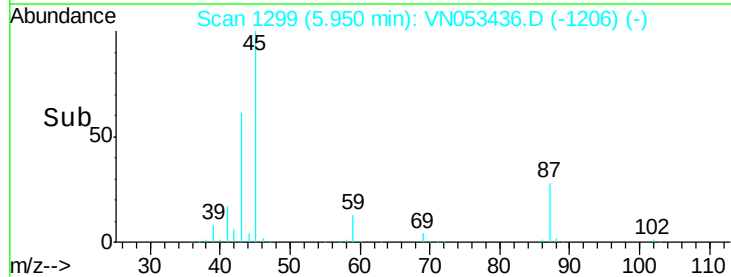
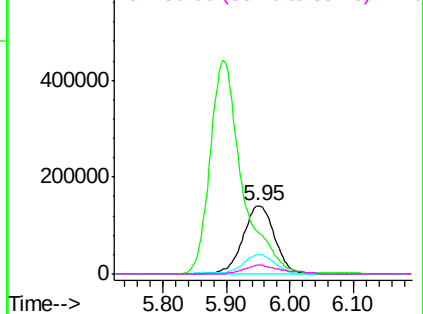


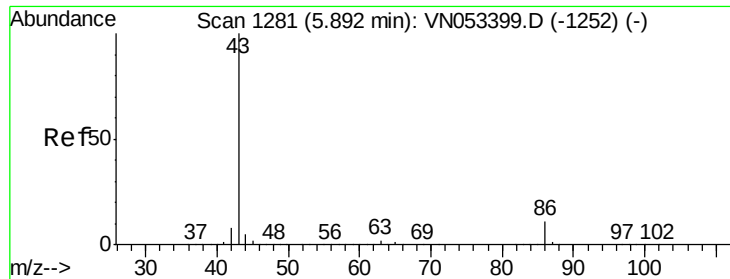
#22  
Diisopropyl ether  
Concen: 20.128 ug/l  
RT: 5.95 min Scan# 1299  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

Tgt Ion: 45 Resp: 487716  
Ion Ratio Lower Upper  
45 100  
43 59.7 44.2 66.4  
87 27.9 22.7 34.1  
59 12.9 9.4 14.2



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: 103.269 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053436.D

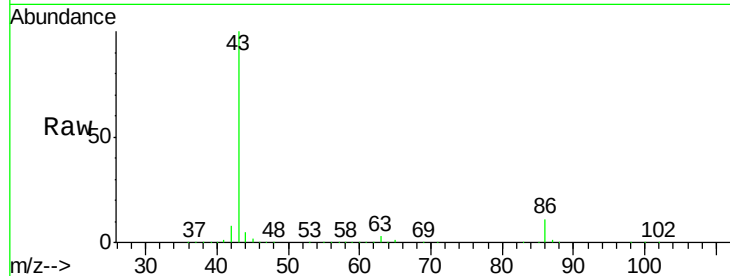
Acq: 17 Jan 2019 15:59

Tot Ion: 43 Resp: 1538193

Ion Ratio Lower Upper

43 100

86 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

400000

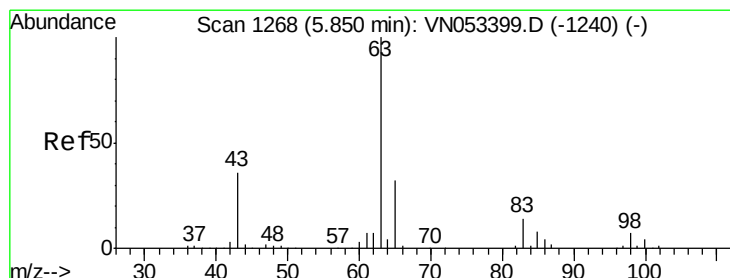
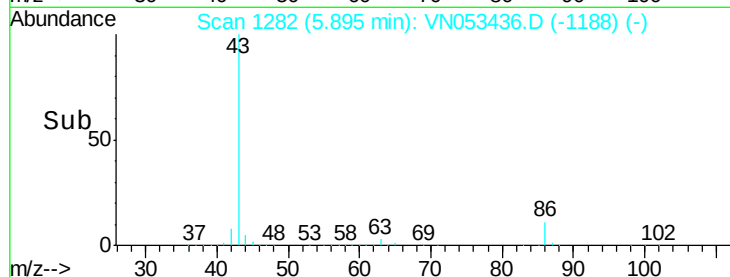
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 19.776 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

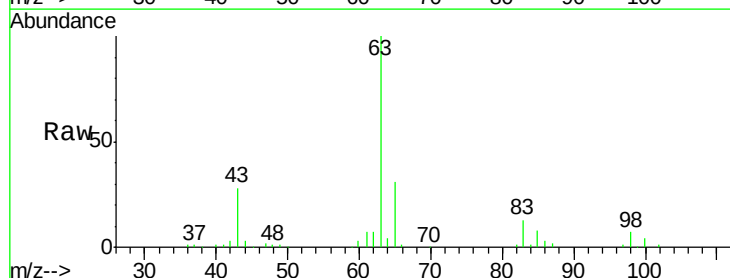
Tgt Ion: 63 Resp: 283280

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.0 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.85

120000

100000

80000

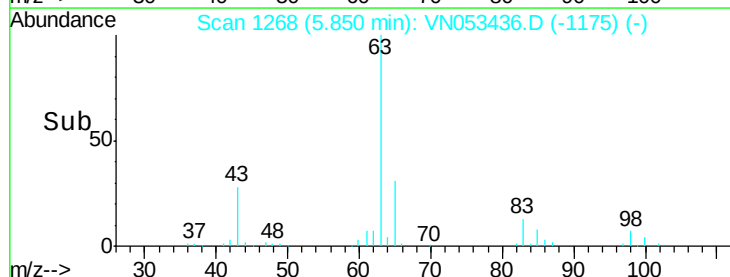
60000

40000

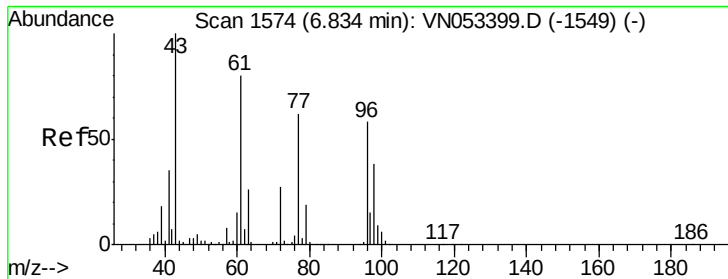
20000

0

Time--> 5.70 5.80 5.90 6.00







#25

2-Butanone

Concen: 108.709 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053436.D

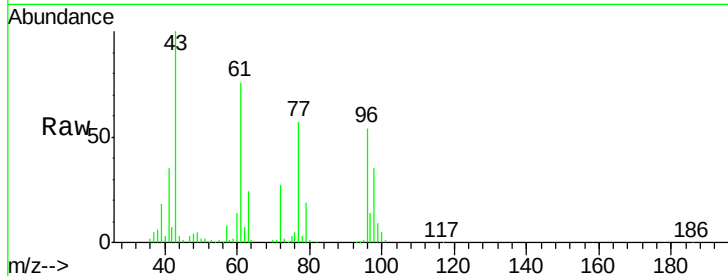
Acq: 17 Jan 2019 15:59

Tot Ion: 43 Resp: 311799

Ion Ratio Lower Upper

43 100

72 27.4 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.83

120000

100000

80000

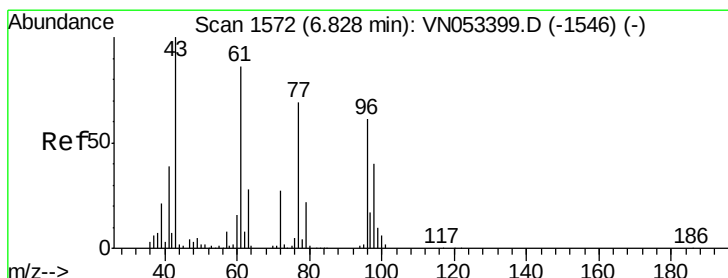
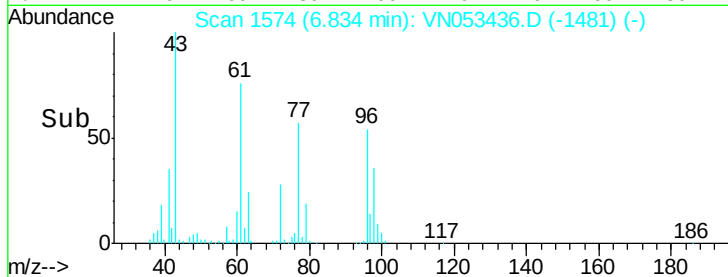
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 19.531 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053436.D

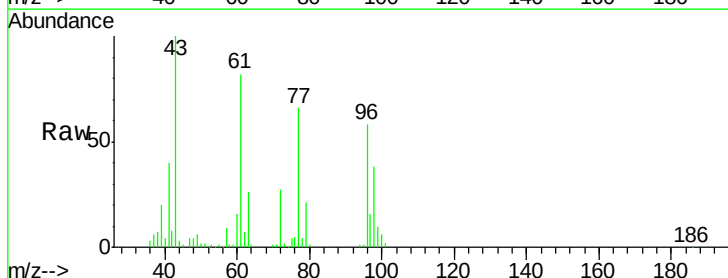
Acq: 17 Jan 2019 15:59

Tgt Ion: 77 Resp: 211237

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.83

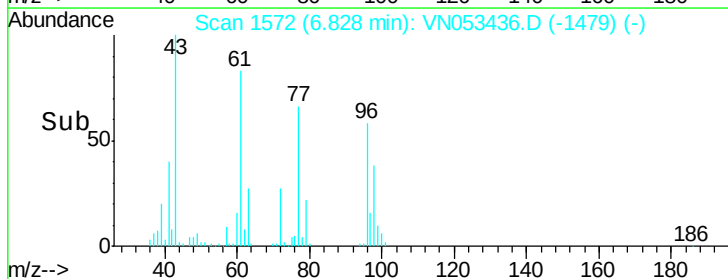
60000

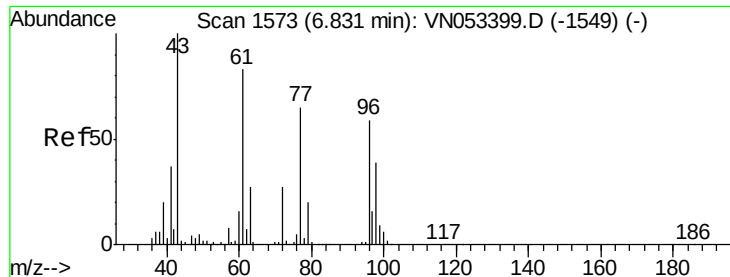
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 19.694 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

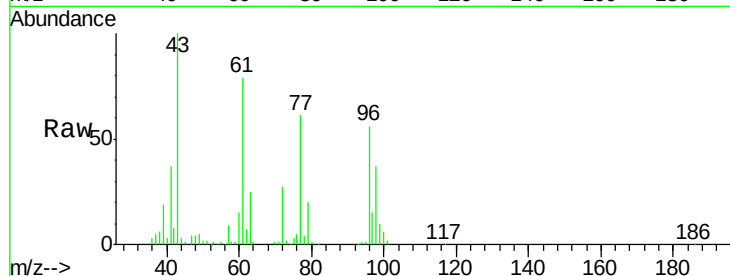
Tot Ion: 96 Resp: 172050

Ion Ratio Lower Upper

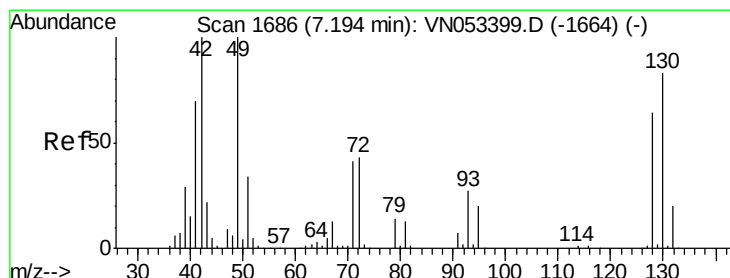
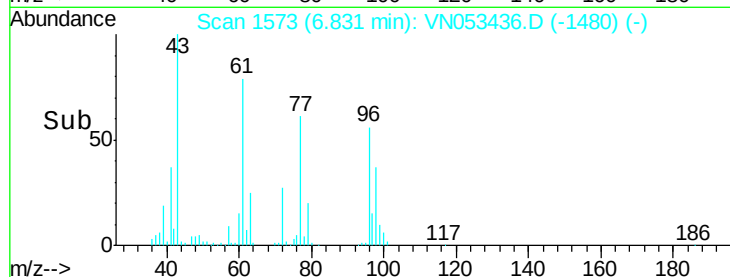
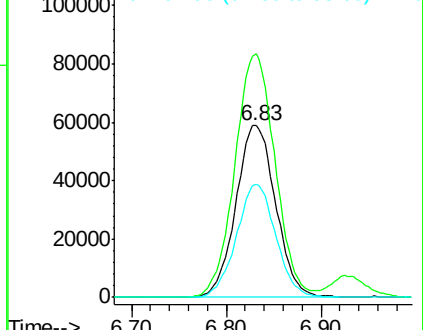
96 100

61 143.0 0.0 283.8

98 65.1 0.0 129.2



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: 19.783 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

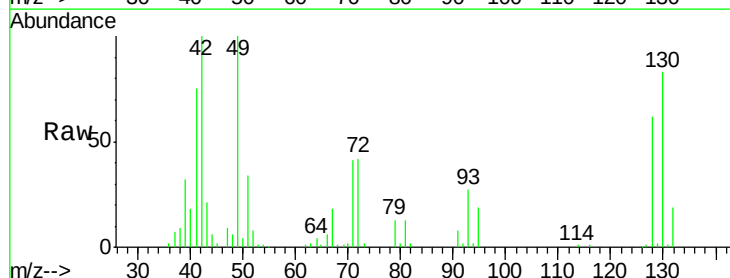
Tgt Ion: 49 Resp: 124839

Ion Ratio Lower Upper

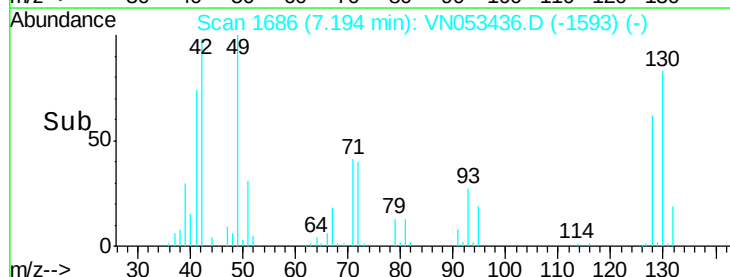
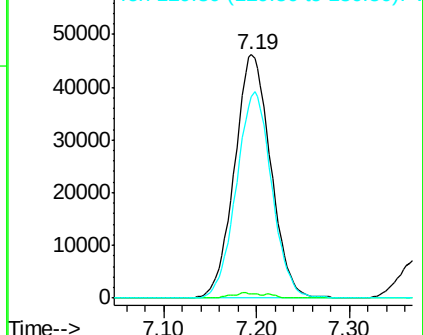
49 100

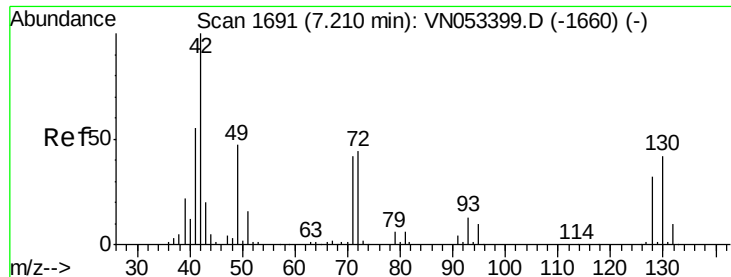
129 1.5 0.0 4.0

130 83.2 66.3 99.5



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: 109.640 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

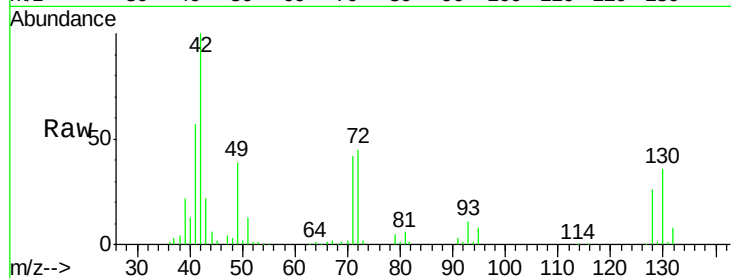
Tot Ion: 42 Resp: 204720

Ion Ratio Lower Upper

42 100

72 43.5 35.2 52.8

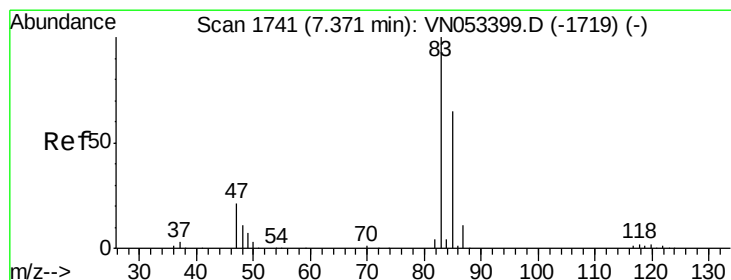
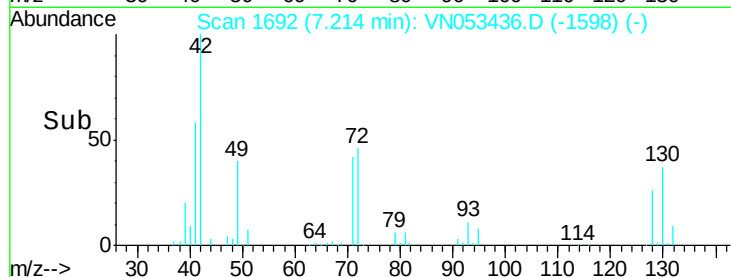
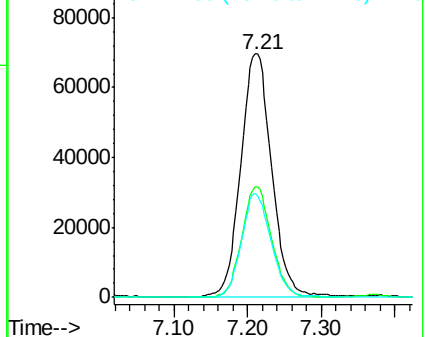
71 40.6 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 20.143 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN053436.D

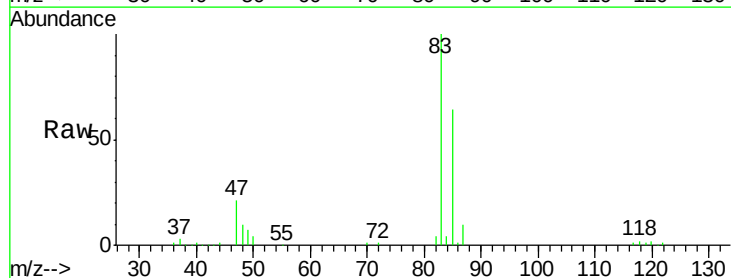
Acq: 17 Jan 2019 15:59

Tgt Ion: 83 Resp: 281125

Ion Ratio Lower Upper

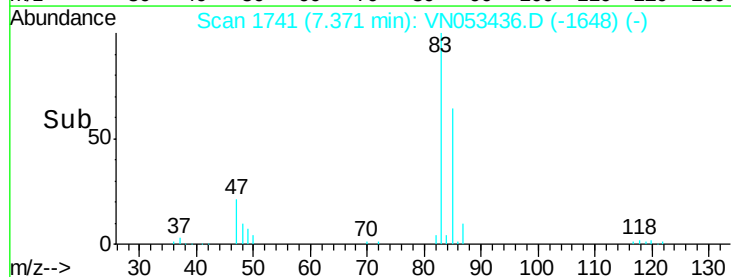
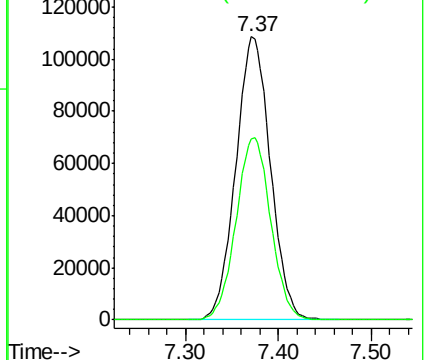
83 100

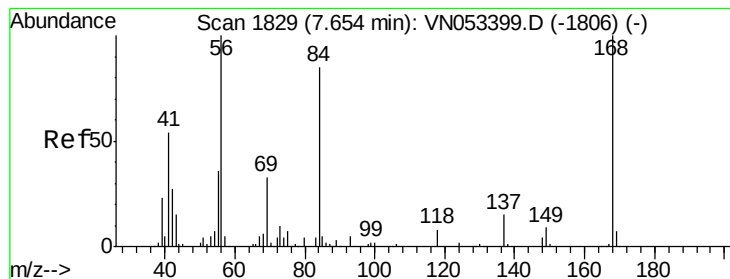
85 64.1 52.2 78.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.165 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

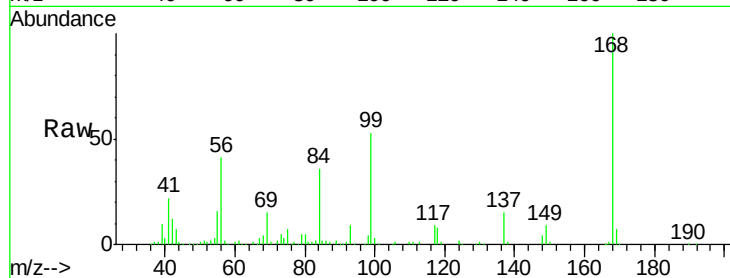
Tot Ion: 56 Resp: 269089

Ion Ratio Lower Upper

56 100

69 37.3 26.4 39.6

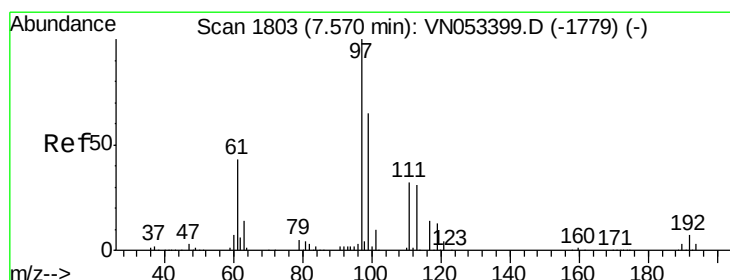
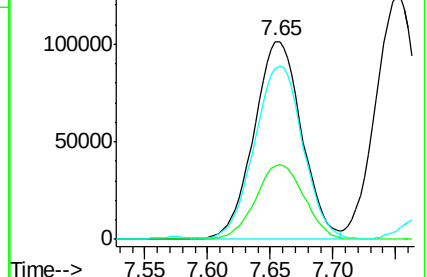
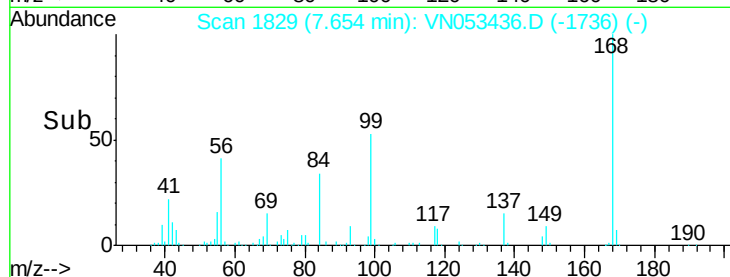
84 85.5 67.9 101.9



Abundance Ion 56.00 (55.70 to 56.70): VN053399.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN053399.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN053399.D (-1806) (-)



#32

1,1,1-Trichloroethane

Concen: 19.600 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

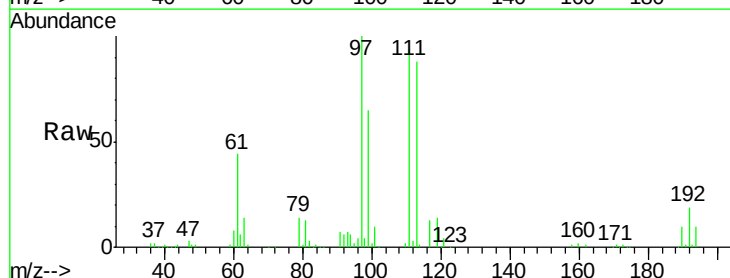
Tgt Ion: 97 Resp: 232045

Ion Ratio Lower Upper

97 100

99 64.8 52.0 78.0

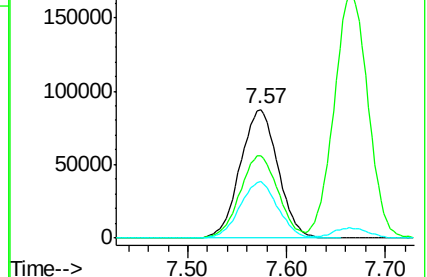
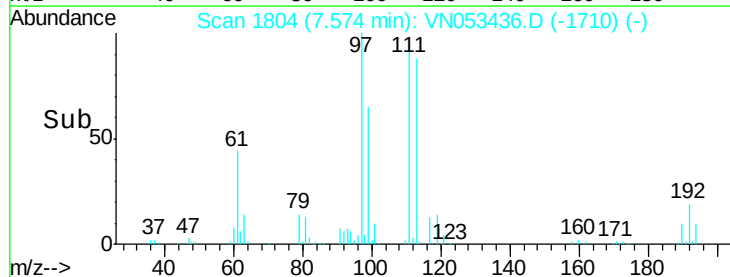
61 43.8 34.4 51.6

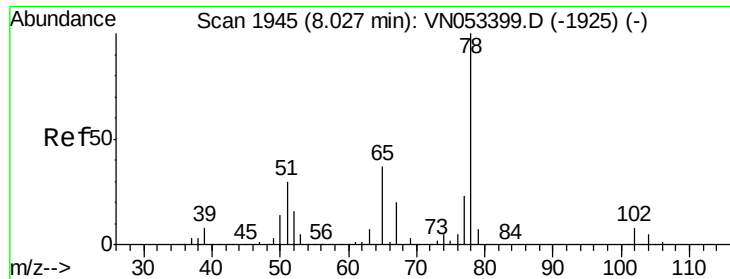


Abundance Ion 96.90 (96.60 to 97.60): VN053399.D (-1779) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1779) (-)

Ion 60.90 (60.60 to 61.60): VN053399.D (-1779) (-)





#33

1,2-Dichloroethane-d4

Concen: 19.600 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053436.D

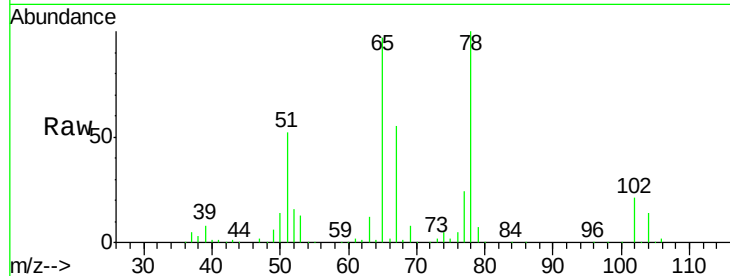
Acq: 17 Jan 2019 15:59

Tot Ion: 65 Resp: 392912

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

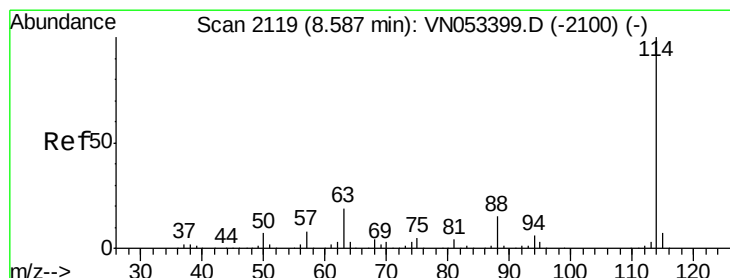
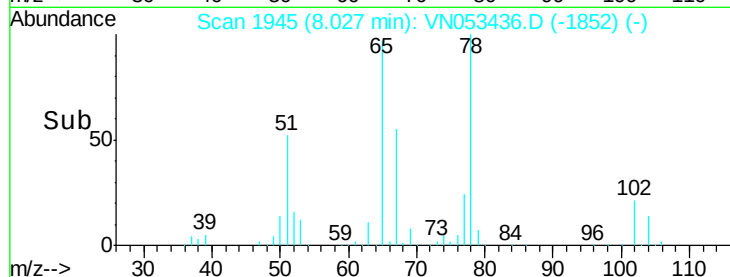
150000

100000

50000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

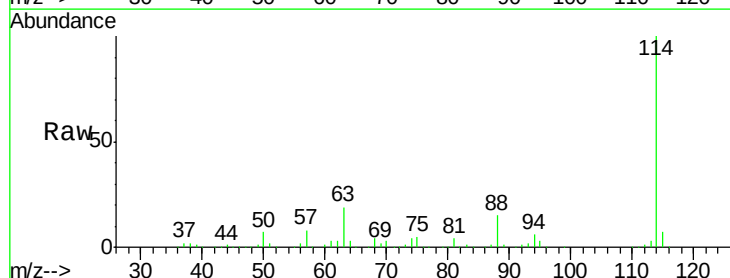
Tgt Ion: 114 Resp: 1181095

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

88 15.3 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

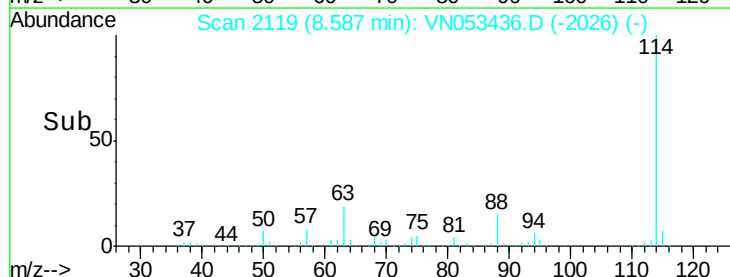
600000

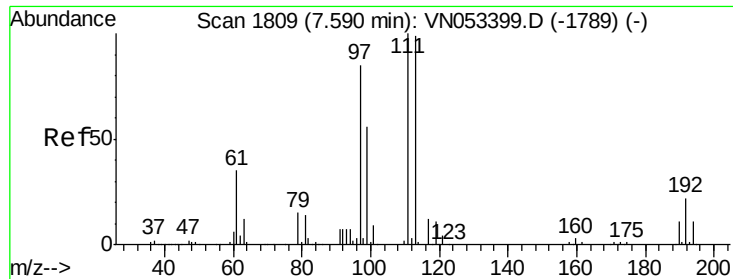
400000

200000

0

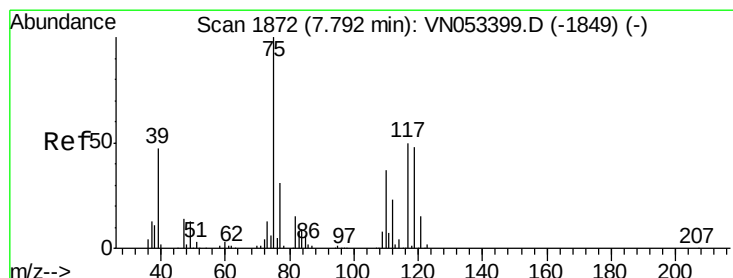
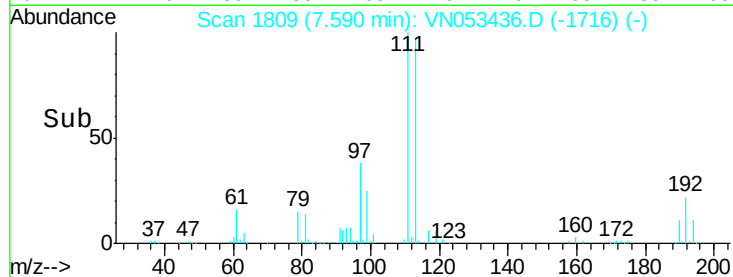
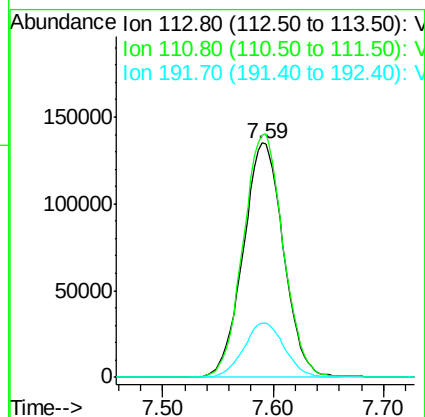
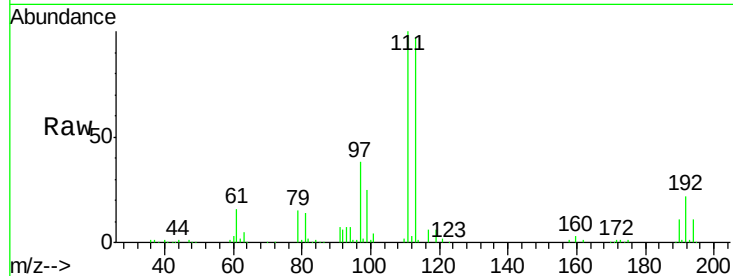
Time--> 8.50 8.60 8.70





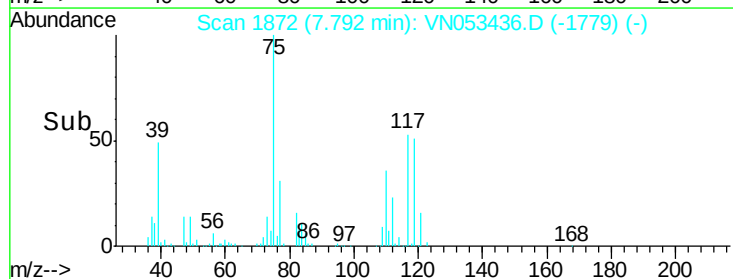
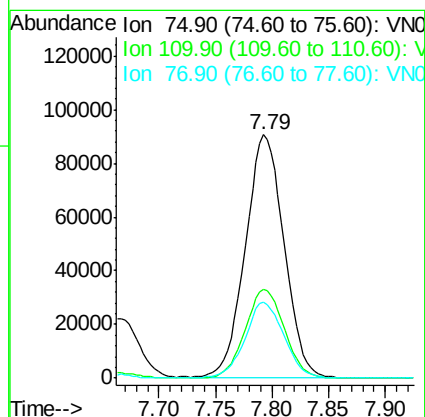
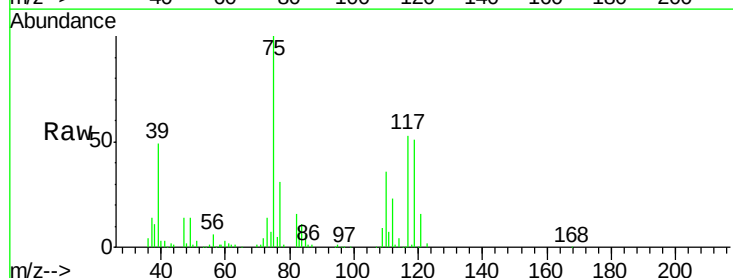
#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

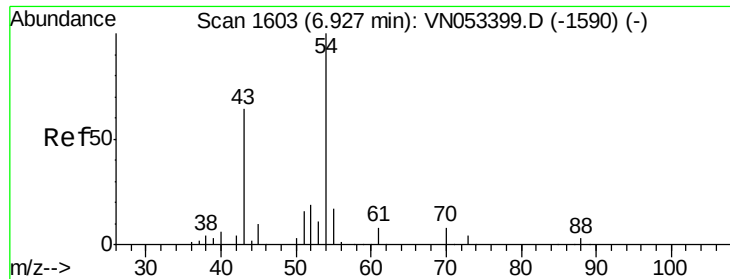
Tot Ion:113 Resp: 341799  
 Ion Ratio Lower Upper  
 113 100  
 111 103.8 81.1 121.7  
 192 23.3 18.2 27.2



#36  
 1,1-Dichloropropene  
 Concen: 19.973 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

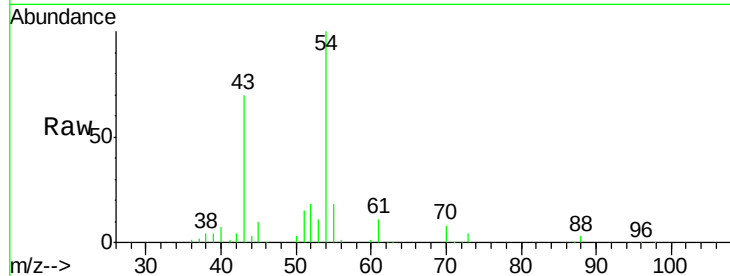
Tgt Ion: 75 Resp: 214834  
 Ion Ratio Lower Upper  
 75 100  
 110 36.9 18.1 54.3  
 77 31.7 25.1 37.7



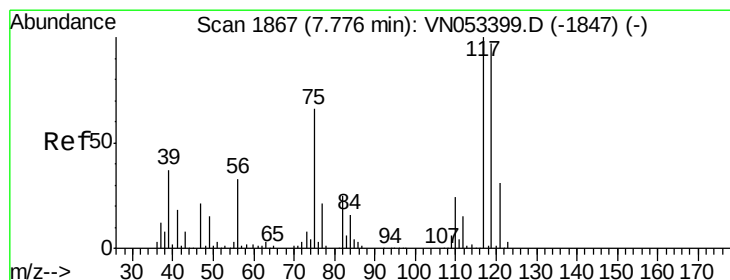
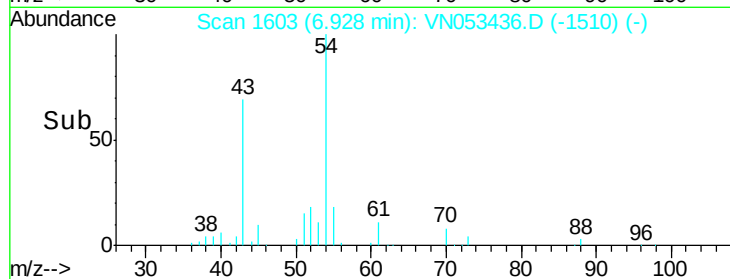
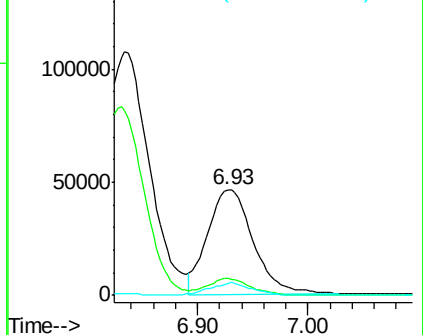


#37  
Ethyl Acetate  
Concen: 21.548 ug/l  
RT: 6.93 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

Tot Ion: 43 Resp: 133347  
Ion Ratio Lower Upper  
43 100  
61 14.6 11.8 17.6  
70 11.3 8.6 12.8

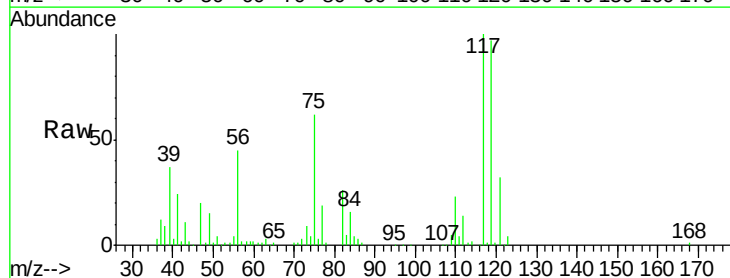


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

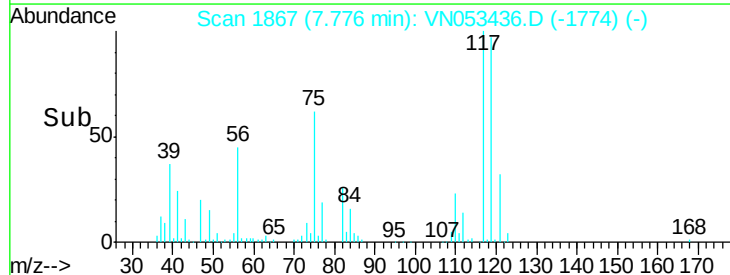
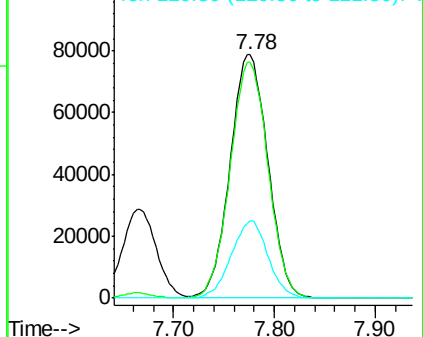


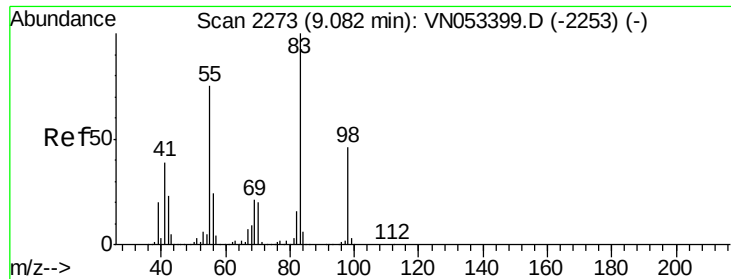
#38  
Carbon Tetrachloride  
Concen: 20.147 ug/l  
RT: 7.78 min Scan# 1867  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

Tgt Ion: 117 Resp: 205171  
Ion Ratio Lower Upper  
117 100  
119 96.7 77.2 115.8  
121 31.7 24.6 37.0



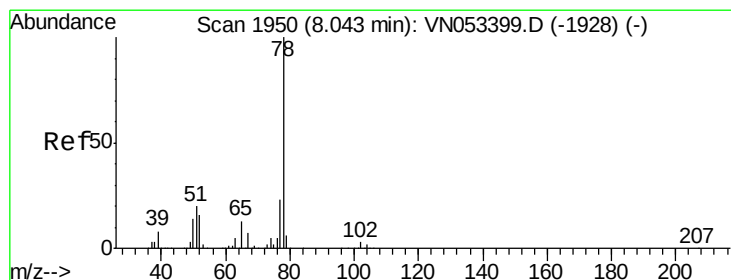
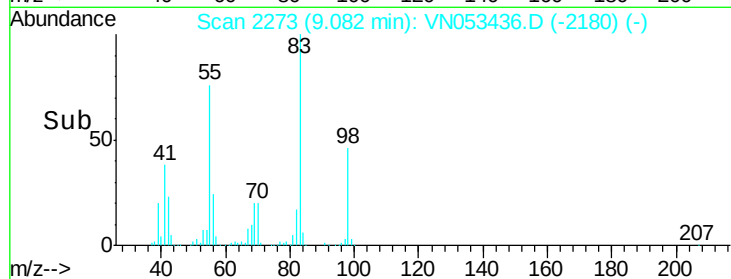
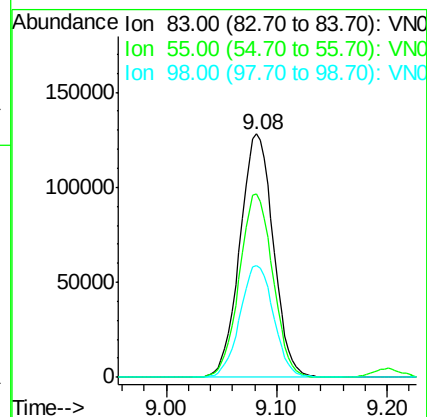
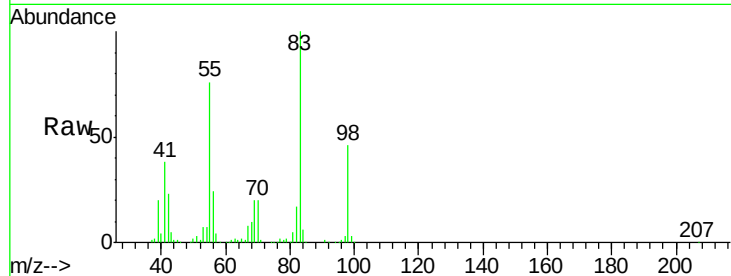
Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V





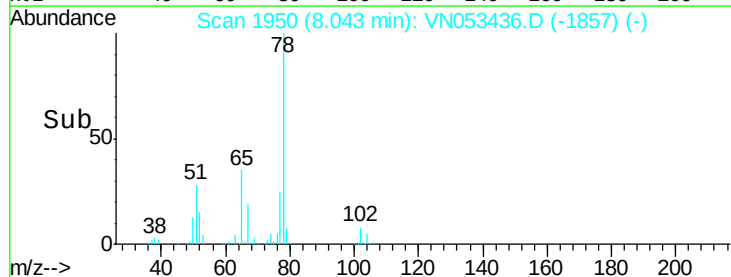
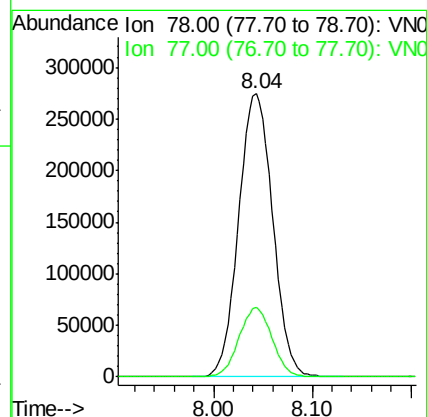
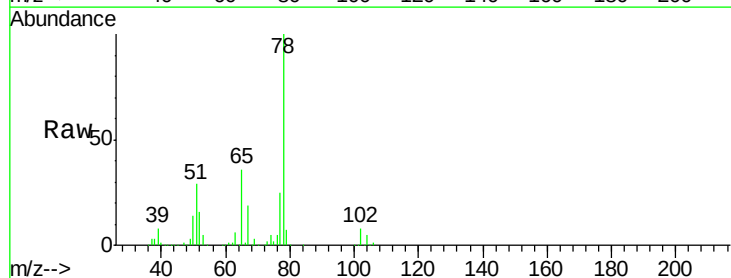
#39  
Methylvlcyclohexane  
Concen: 20.229 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

| Tot Ion | 83    | Resp  | 268938 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 83      | 100   |       |        |
| 55      | 75.5  | 60.1  | 90.1   |
| 98      | 45.9  | 36.6  | 55.0   |

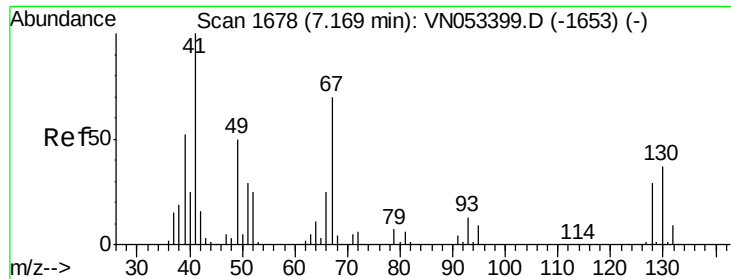


#40  
Benzene  
Concen: 20.128 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

| Tgt Ion | 78    | Resp  | 657928 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 78      | 100   |       |        |
| 77      | 24.8  | 18.8  | 28.2   |







#41

Methacrylonitrile

Concen: 18.080 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

Tot Ion: 41 Resp: 64895

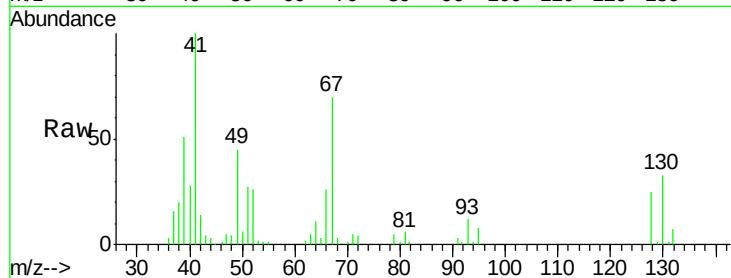
Ion Ratio Lower Upper

41 100

39 73.7 46.8 70.2#

67 95.3 63.0 94.6#

52 38.5 23.8 35.8#

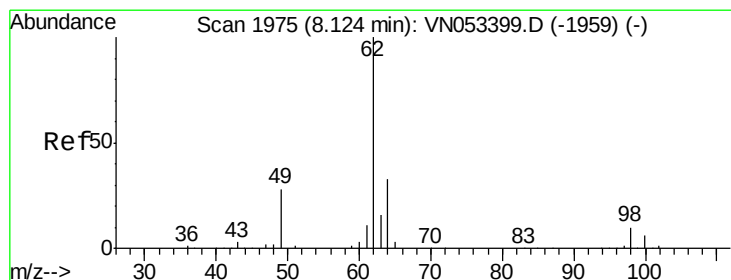
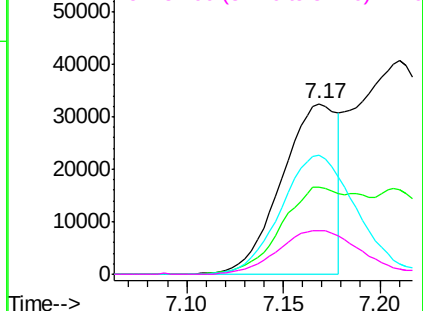
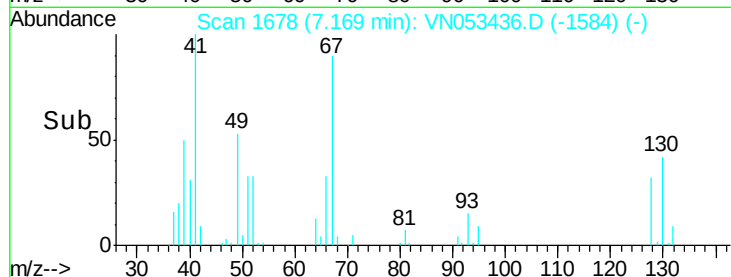


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 20.597 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN053436.D

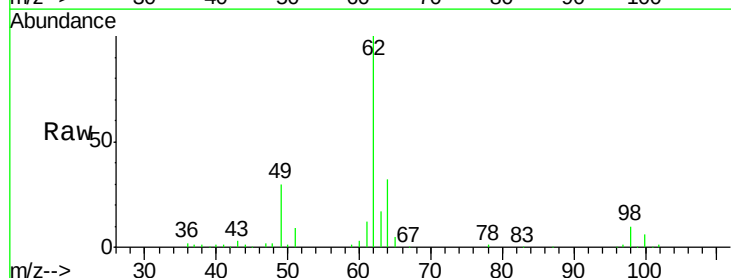
Acq: 17 Jan 2019 15:59

Tgt Ion: 62 Resp: 196135

Ion Ratio Lower Upper

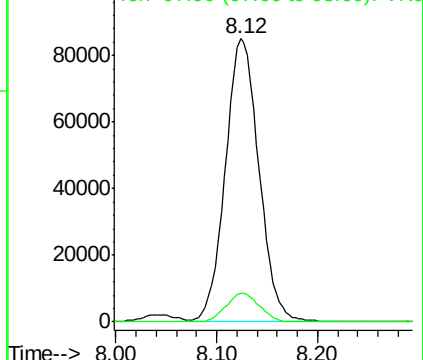
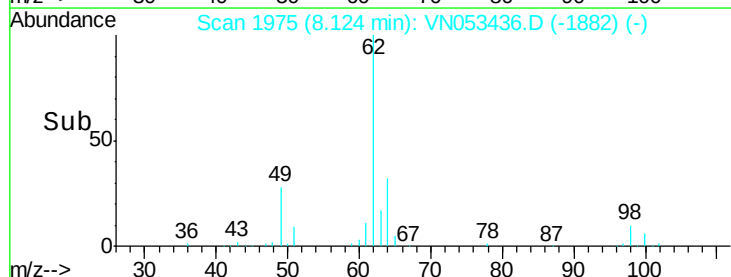
62 100

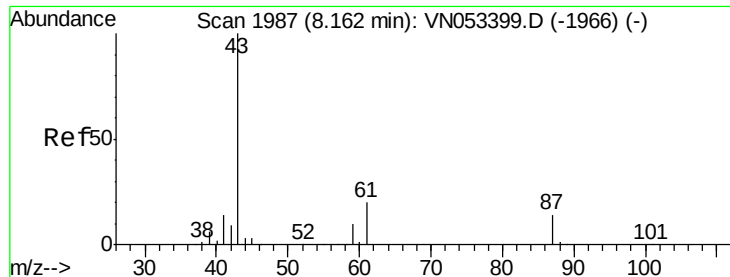
98 10.1 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 21.909 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

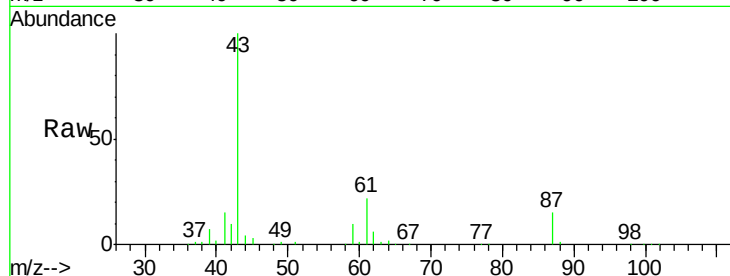
Tot Ion: 43 Resp: 243790

Ion Ratio Lower Upper

43 100

61 29.0 23.9 35.9

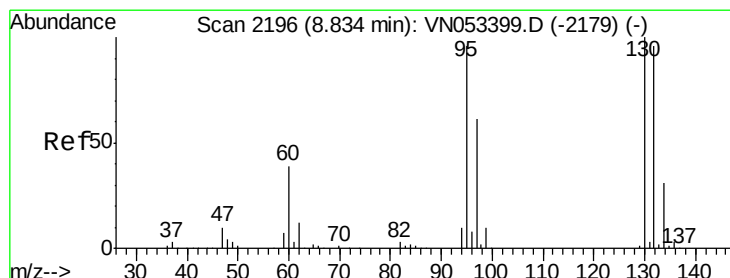
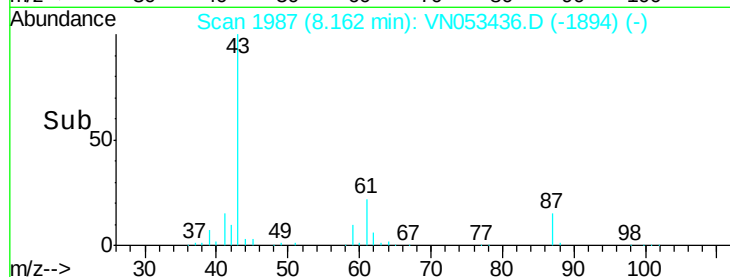
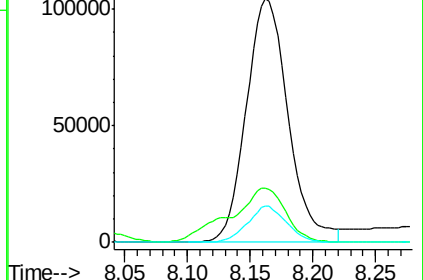
87 13.8 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN053399.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN053399.D (-1966) (-)



#44

Trichloroethene

Concen: 20.479 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053436.D

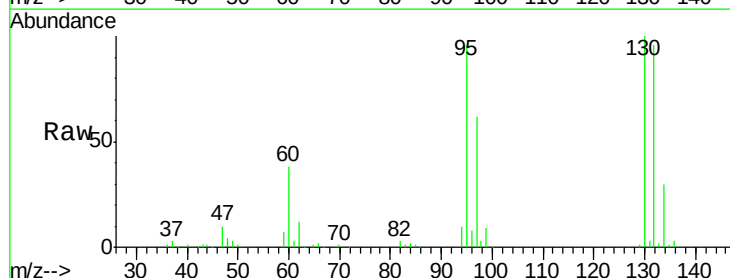
Acq: 17 Jan 2019 15:59

Tgt Ion:130 Resp: 185629

Ion Ratio Lower Upper

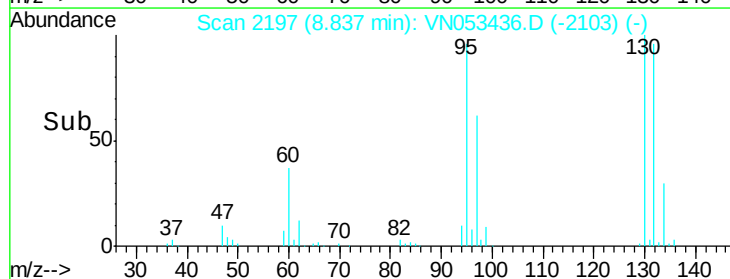
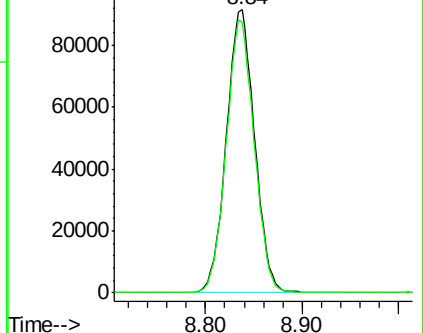
130 100

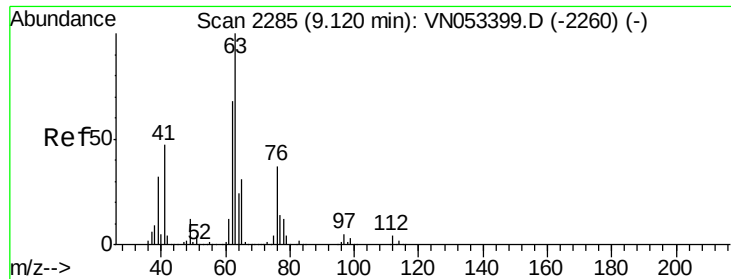
95 95.8 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VN053399.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN053399.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 19.899 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN053436.D

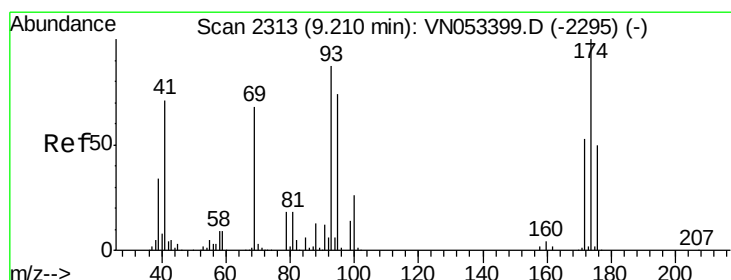
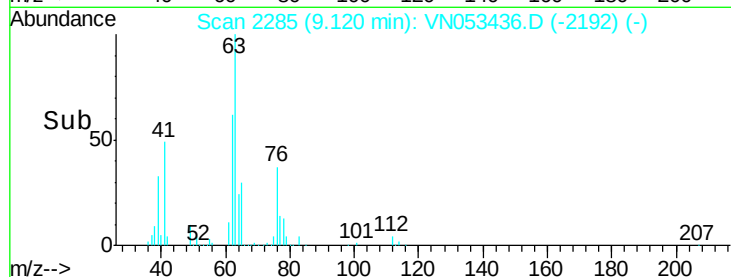
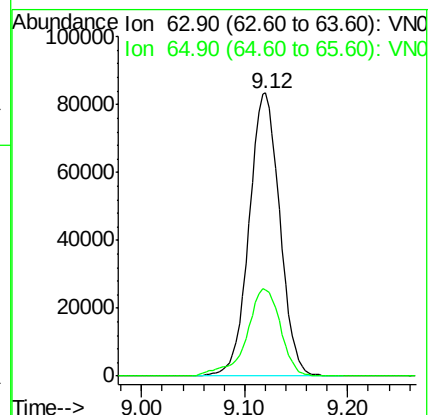
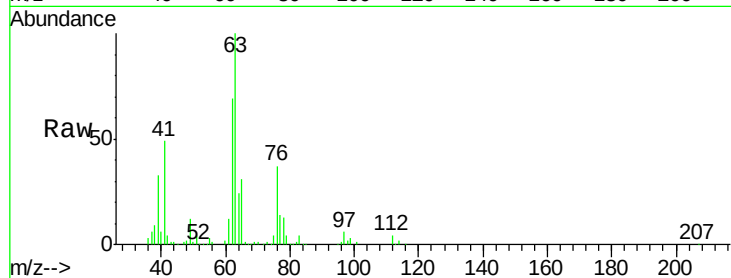
Acq: 17 Jan 2019 15:59

Tot Ion: 63 Resp: 172283

Ion Ratio Lower Upper

63 100

65 30.7 25.0 37.4



#46

Dibromomethane

Concen: 20.162 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

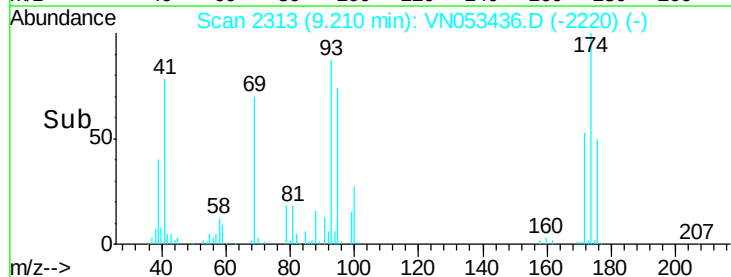
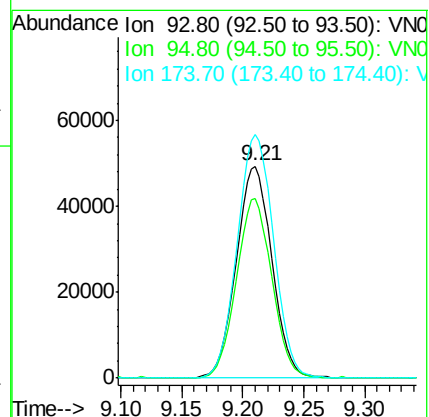
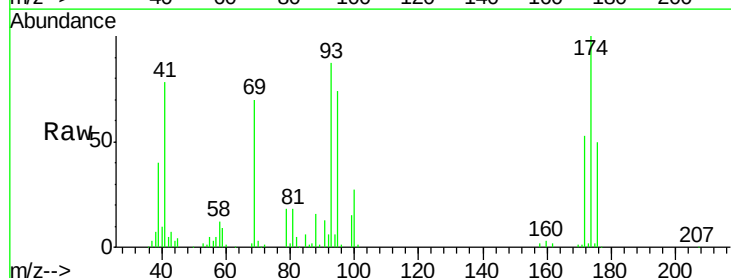
Tgt Ion: 93 Resp: 100287

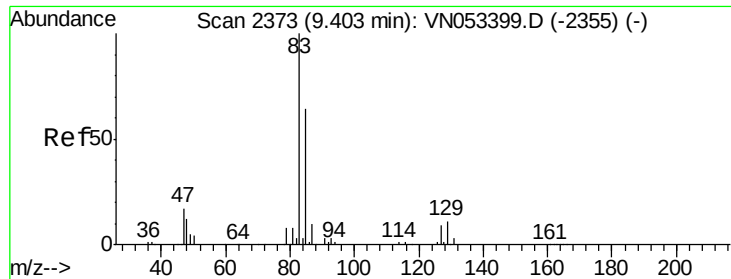
Ion Ratio Lower Upper

93 100

95 84.2 67.3 100.9

174 117.2 91.0 136.4





#47

Bromodichloromethane

Concen: 20.289 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

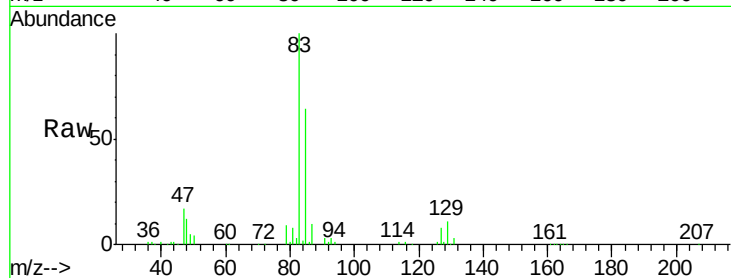
Tot Ion: 83 Resp: 212241

Ion Ratio Lower Upper

83 100

85 63.6 51.0 76.6

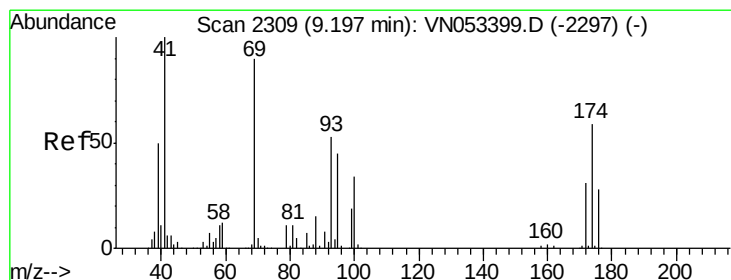
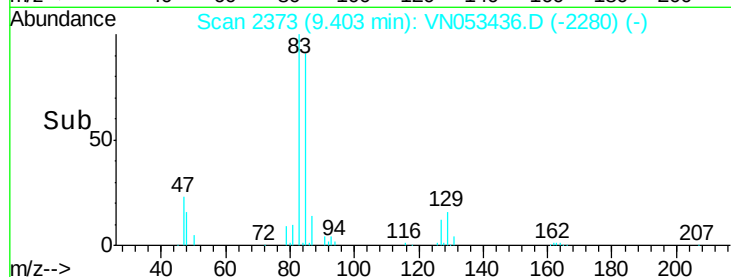
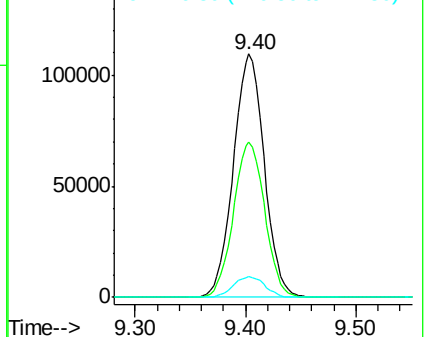
127 8.4 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 21.014 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

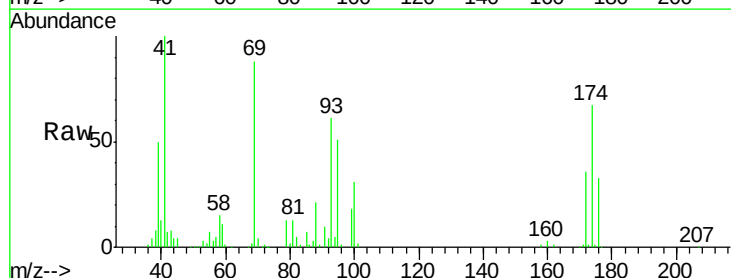
Tgt Ion: 41 Resp: 120734

Ion Ratio Lower Upper

41 100

69 91.2 73.8 110.6

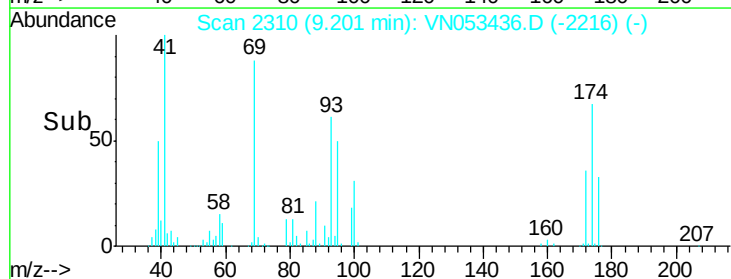
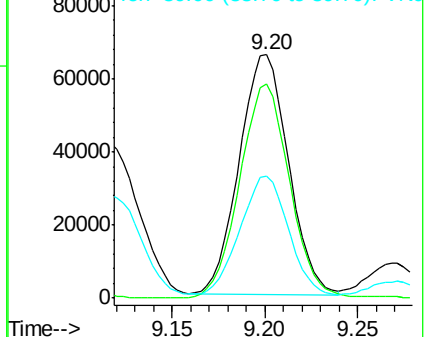
39 51.9 40.0 60.0

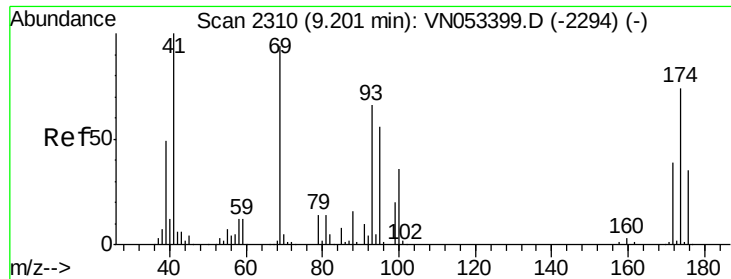


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 513.836 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

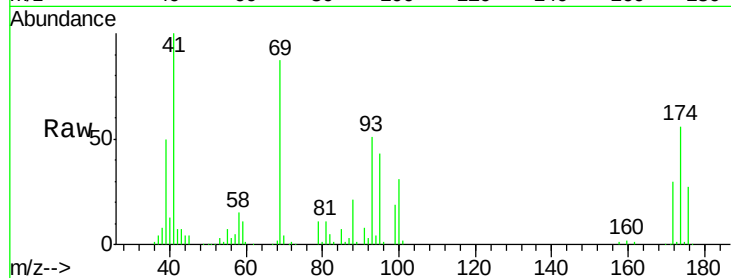
Tot Ion: 88 Resp: 28832

Ion Ratio Lower Upper

88 100

43 30.8 27.8 41.6

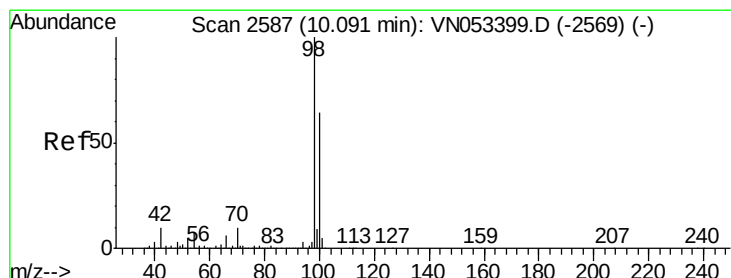
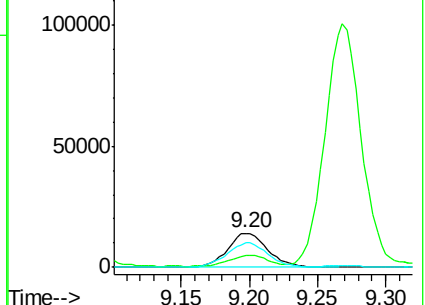
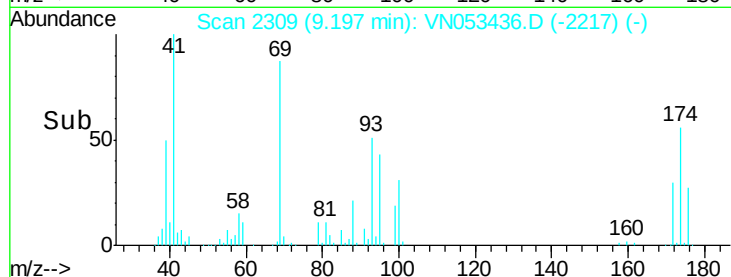
58 73.3 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 513.836 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053436.D

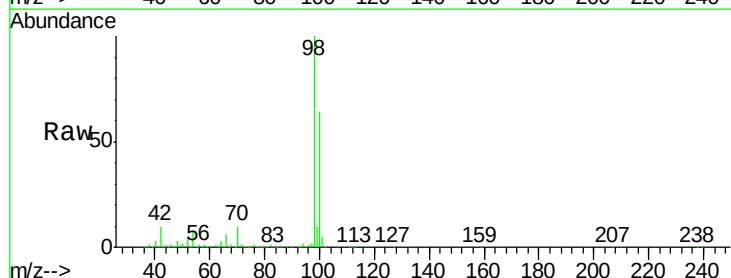
Acq: 17 Jan 2019 15:59

Tgt Ion: 98 Resp: 1430741

Ion Ratio Lower Upper

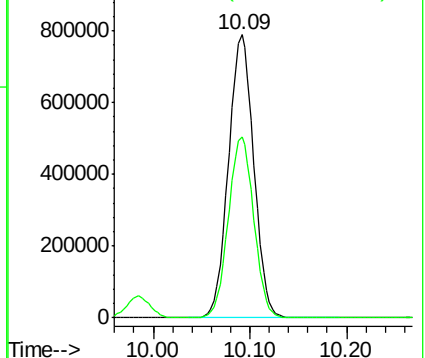
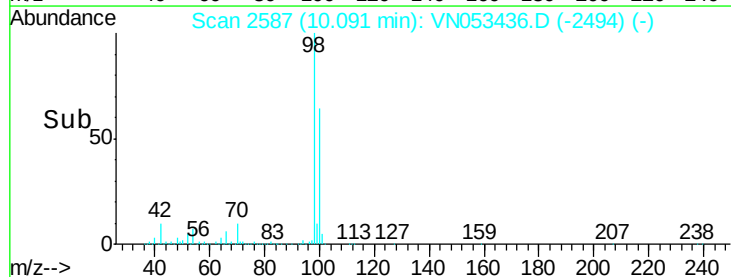
98 100

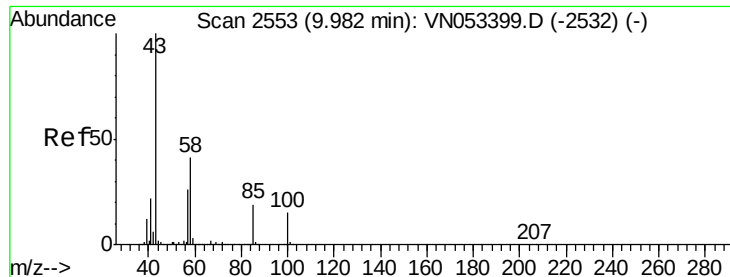
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 111.433 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053436.D

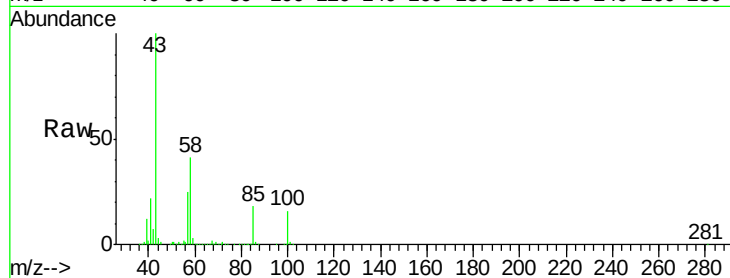
Acq: 17 Jan 2019 15:59

Tot Ion: 43 Resp: 676897

Ion Ratio Lower Upper

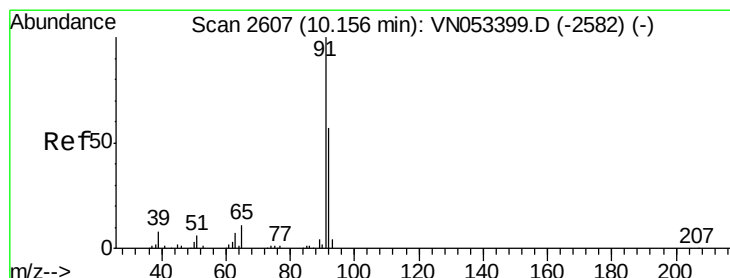
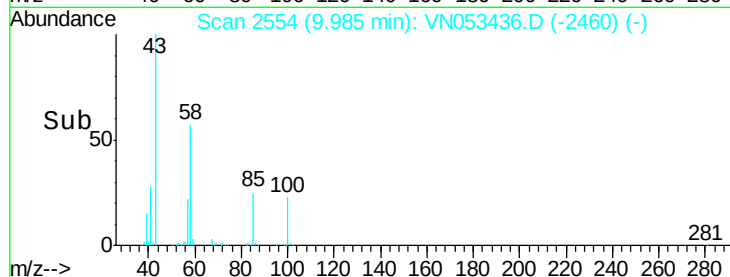
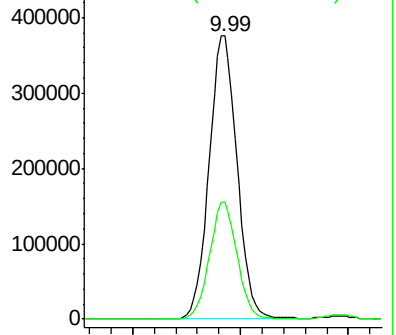
43 100

58 40.9 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.144 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053436.D

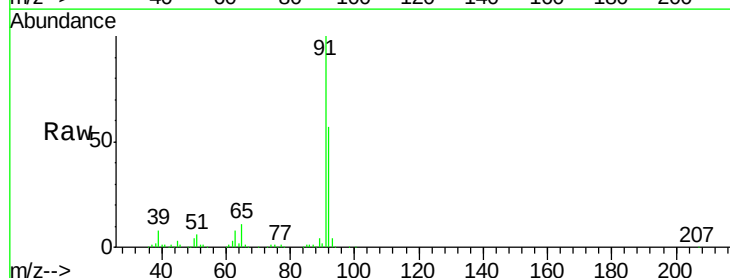
Acq: 17 Jan 2019 15:59

Tgt Ion: 92 Resp: 408782

Ion Ratio Lower Upper

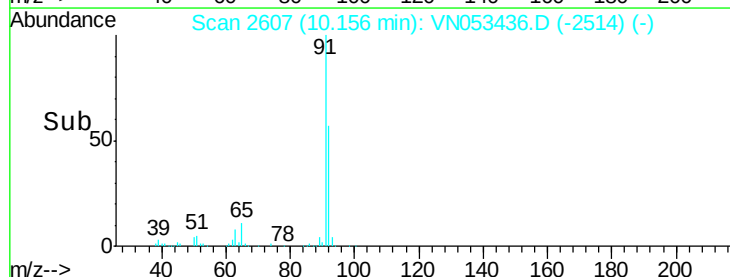
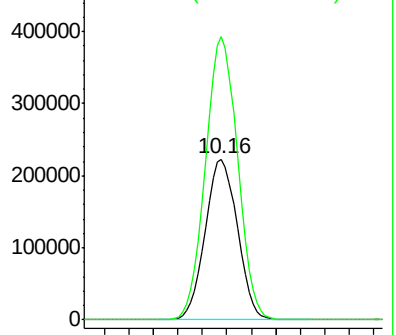
92 100

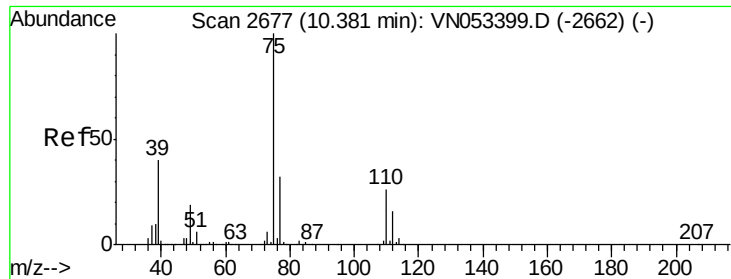
91 175.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

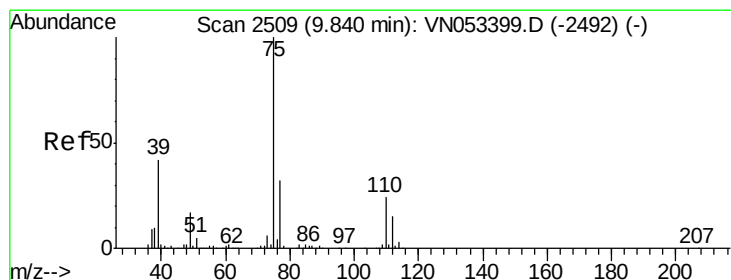
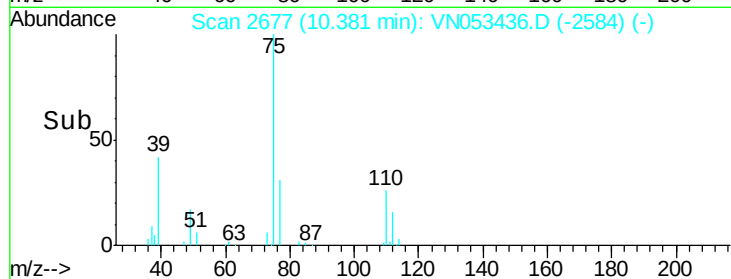
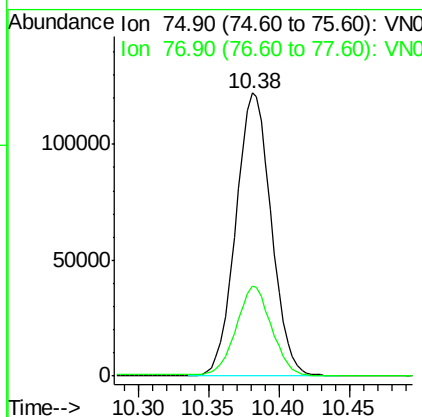
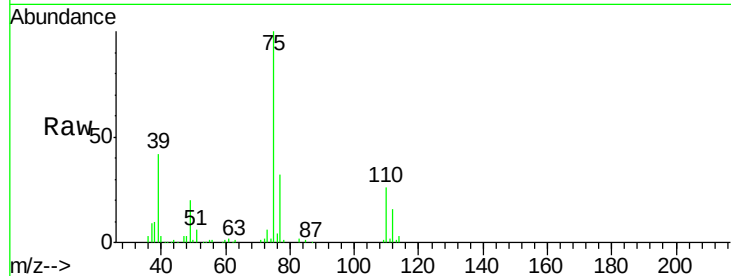




#53  
t-1,3-Dichloropropene  
Concen: 20.279 ug/l  
RT: 10.38 min Scan# 2677  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

Tot Ion: 75 Resp: 215013  

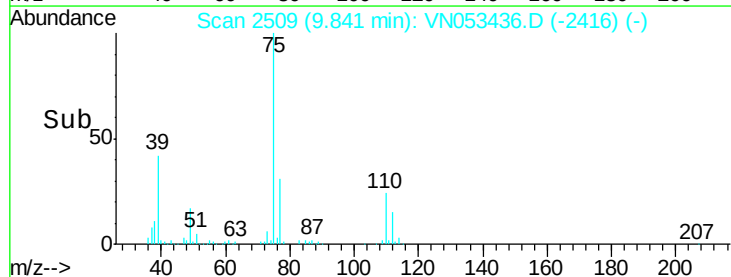
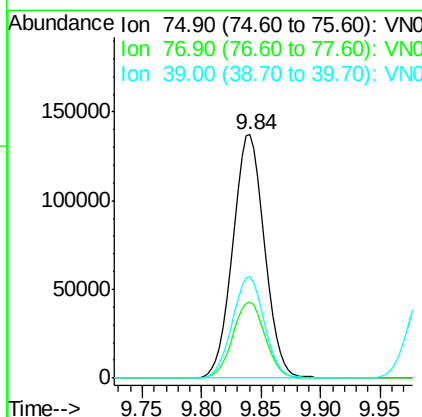
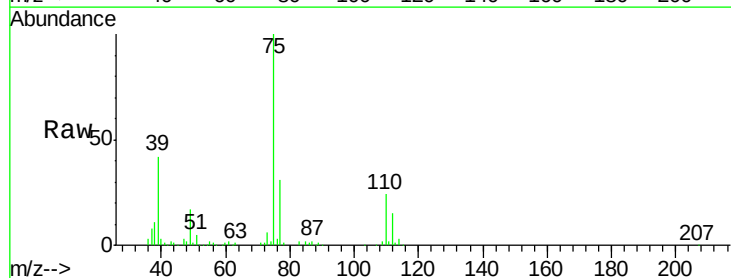
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 31.5  | 25.5  | 38.3  |

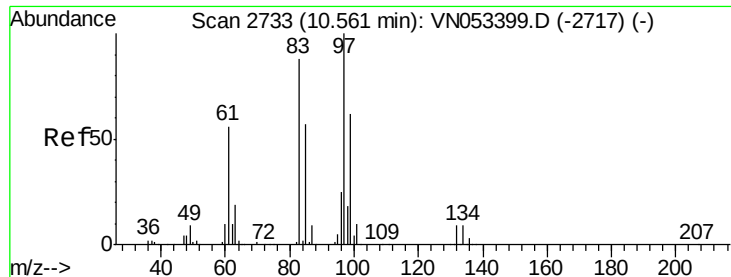


#54  
cis-1,3-Dichloropropene  
Concen: 20.428 ug/l  
RT: 9.84 min Scan# 2509  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

Tgt Ion: 75 Resp: 253900  

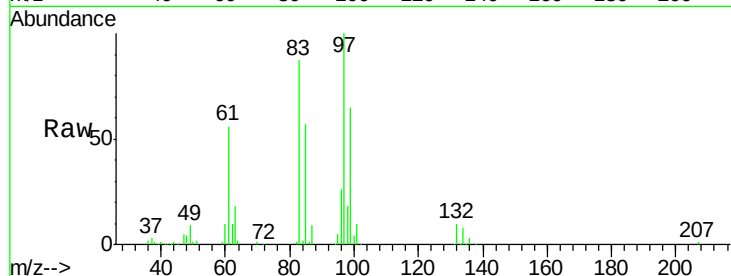
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 31.4  | 25.8  | 38.6  |
| 39  | 41.7  | 33.4  | 50.0  |





#55  
1,1,2-Trichloroethane  
Concen: 20.971 ug/l  
RT: 10.56 min Scan# 2734  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 146717 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.8  | 70.1  | 105.1  |
| 85       | 56.9  | 45.4  | 68.0   |
| 99       | 64.6  | 49.8  | 74.8   |



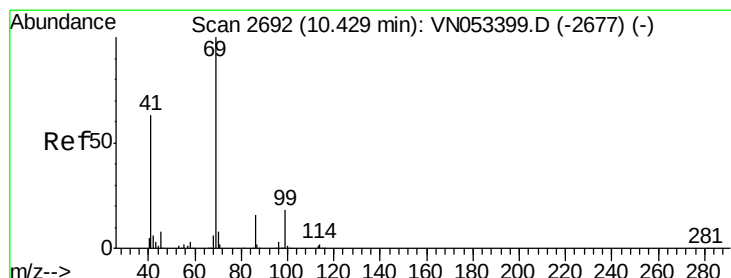
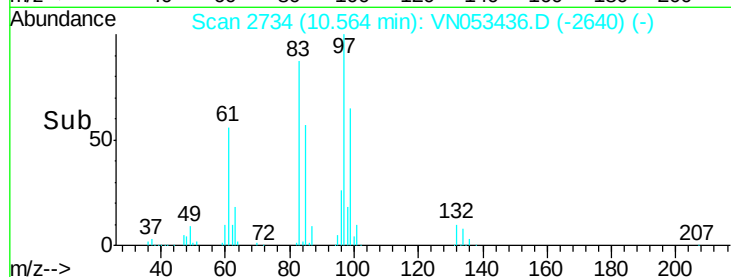
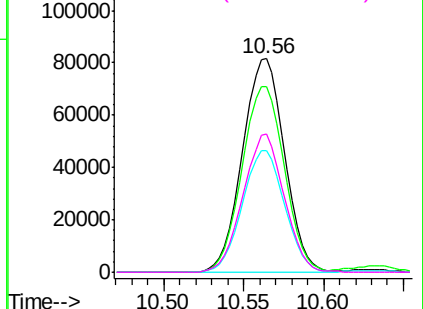
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

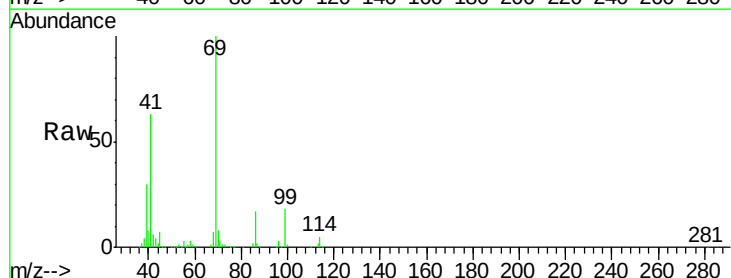
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56  
Ethyl methacrylate  
Concen: 20.241 ug/l  
RT: 10.43 min Scan# 2692  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 188287 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 62.6  | 49.4  | 74.0   |
| 39       | 29.5  | 23.3  | 34.9   |

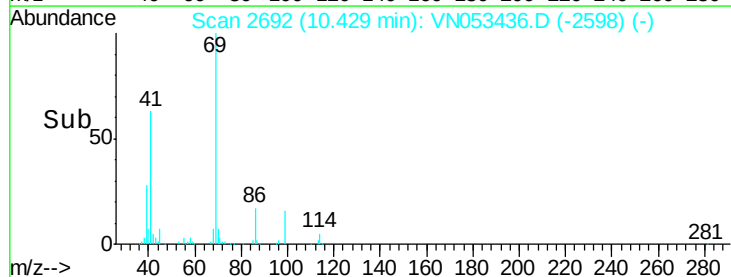
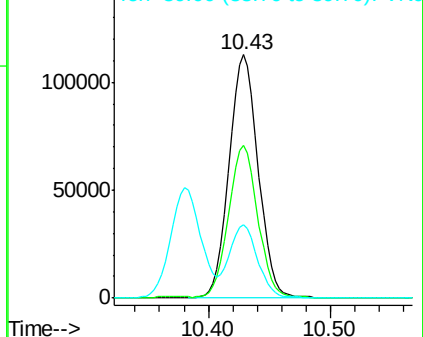


Abundance

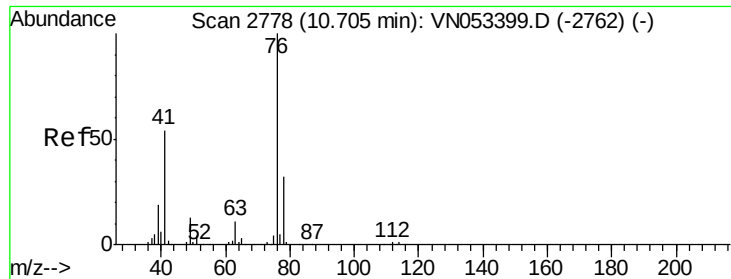
Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

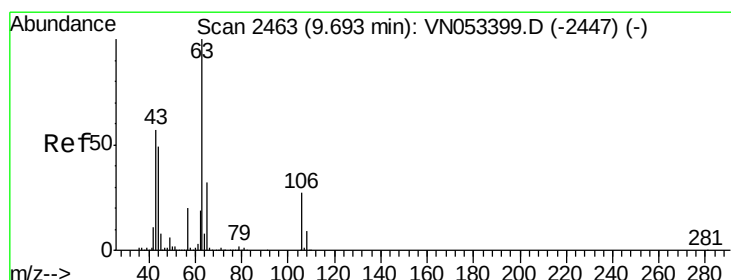
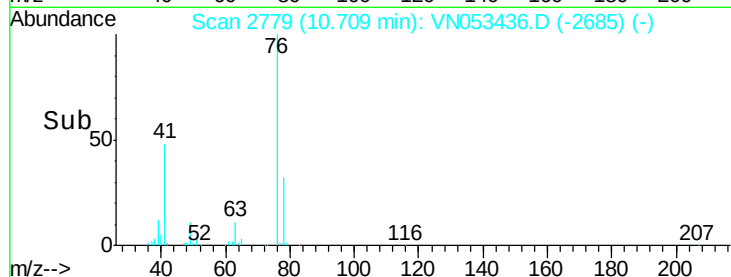
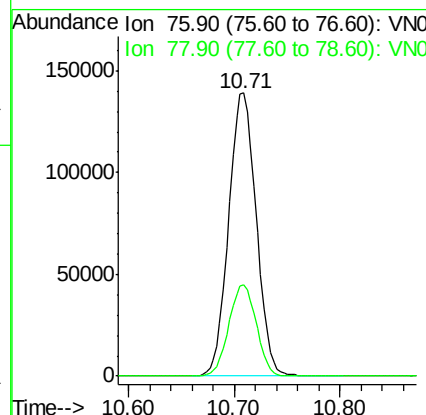
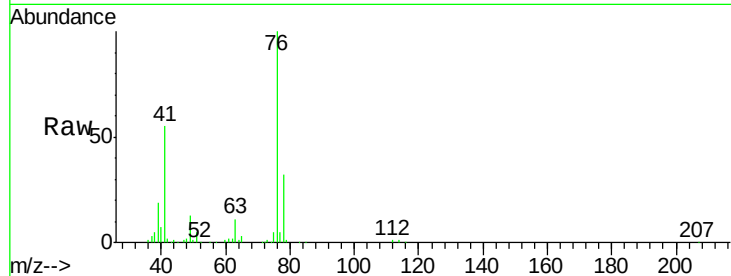






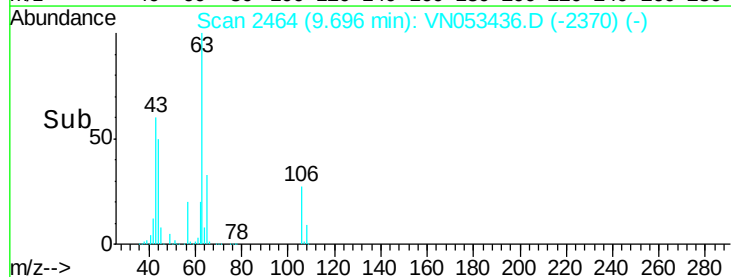
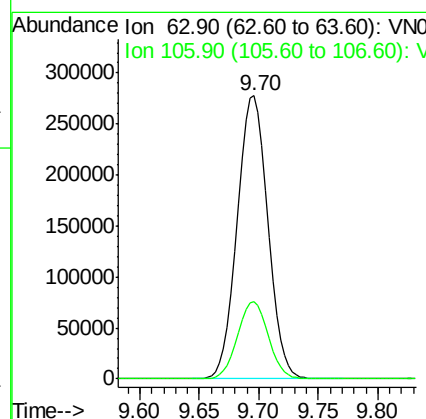
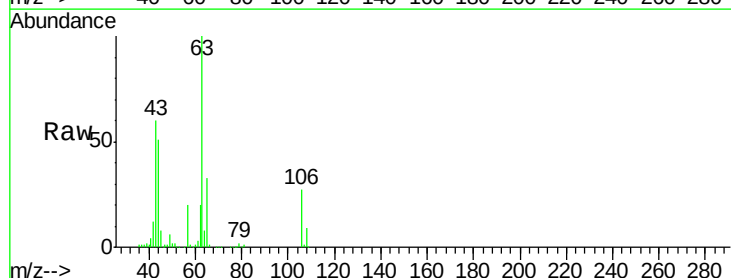
#57  
 1,3-Dichloropropane  
 Concen: 20.756 ug/l  
 RT: 10.71 min Scan# 2779  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

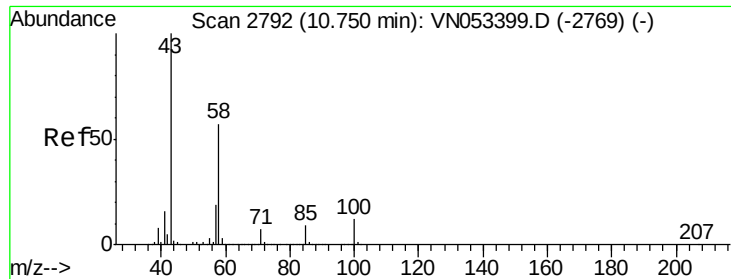
Tot Ion: 76 Resp: 251196  
 Ion Ratio Lower Upper  
 76 100  
 78 32.2 25.6 38.4



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 101.747 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

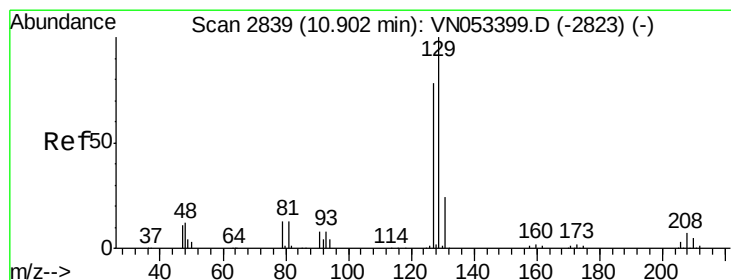
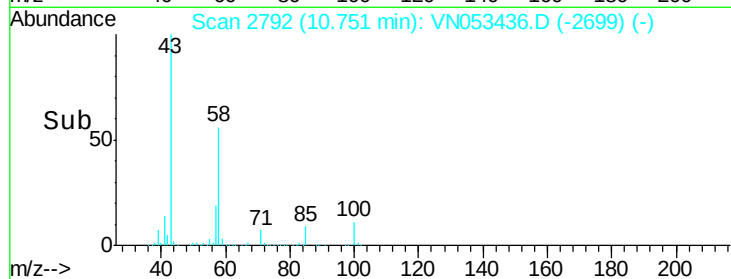
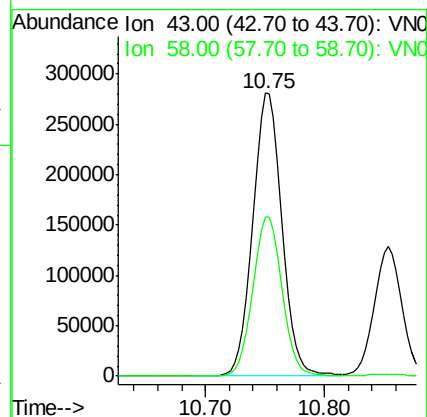
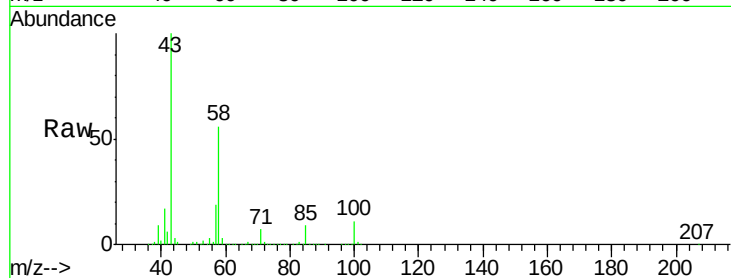
Tgt Ion: 63 Resp: 497991  
 Ion Ratio Lower Upper  
 63 100  
 106 27.3 21.5 32.3





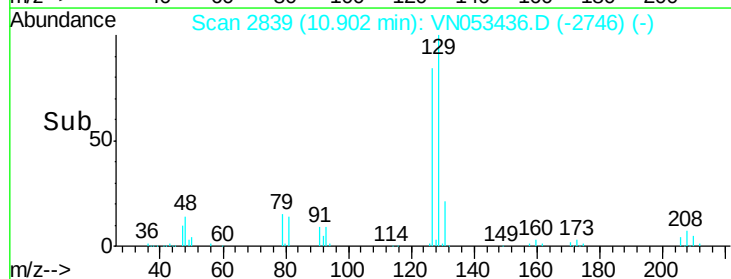
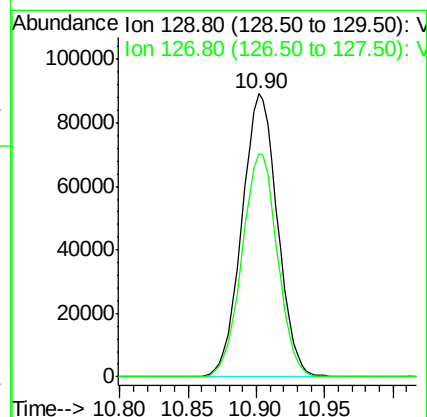
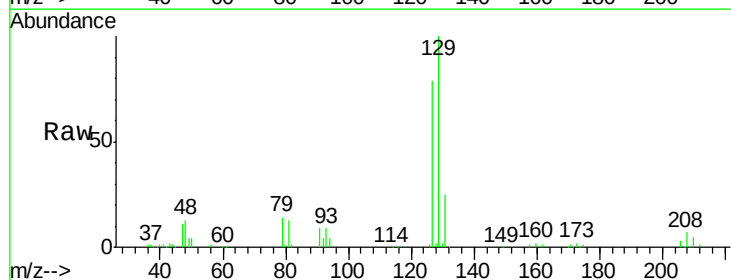
#59  
2-Hexanone  
Concen: 111.700 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

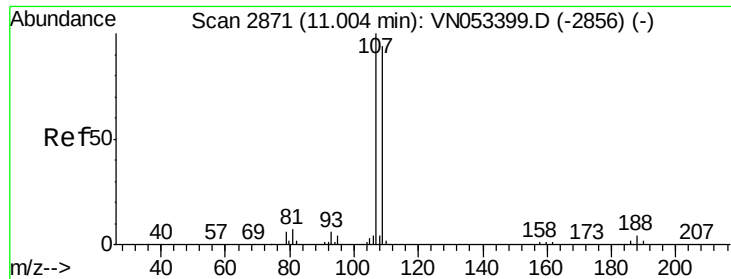
Tot Ion: 43 Resp: 476313  
Ion Ratio Lower Upper  
43 100  
58 56.7 28.6 85.8



#60  
Dibromochloromethane  
Concen: 20.347 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

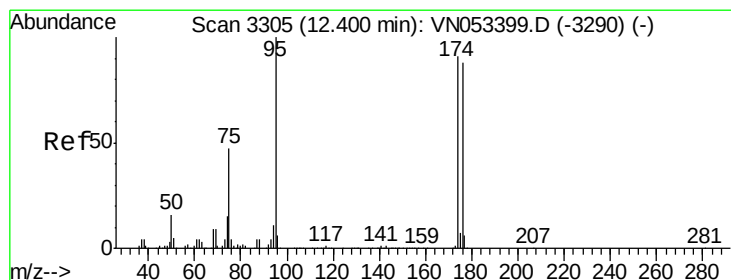
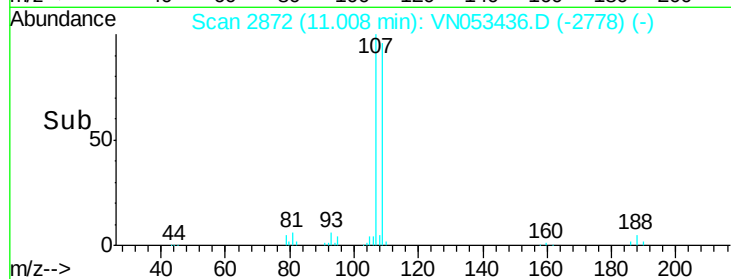
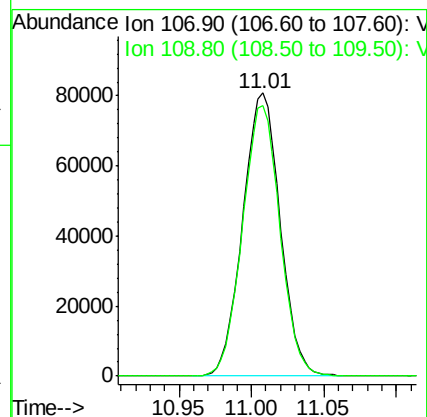
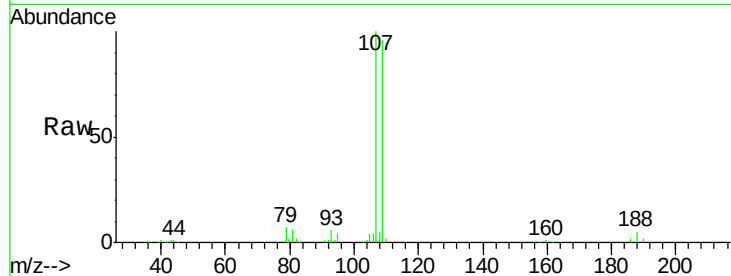
Tgt Ion: 129 Resp: 161453  
Ion Ratio Lower Upper  
129 100  
127 78.6 38.6 115.8





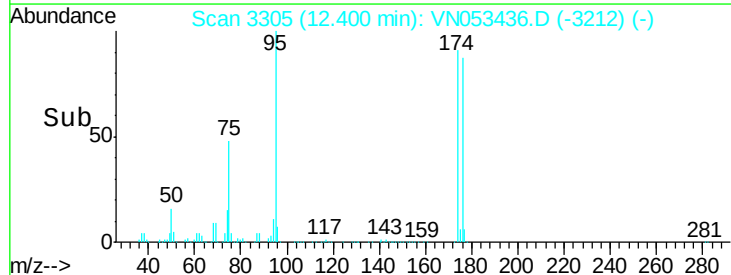
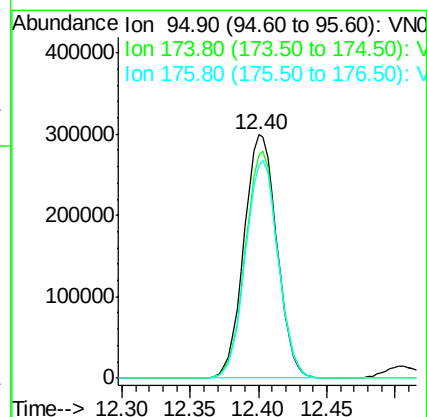
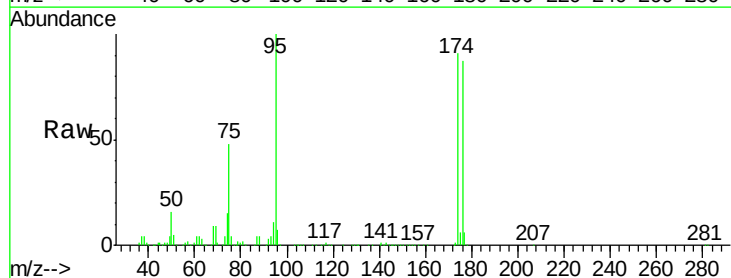
#61  
 1,2-Dibromoethane  
 Concen: 20.513 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

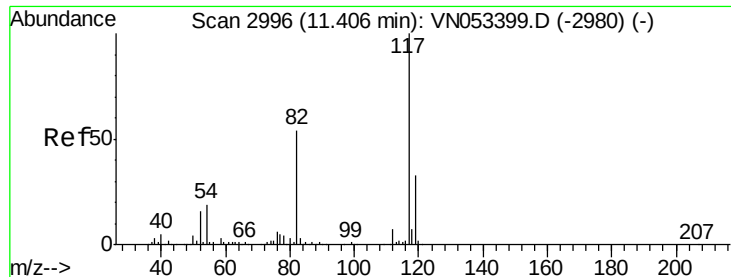
Tot Ion: 107 Resp: 145144  
 Ion Ratio Lower Upper  
 107 100  
 109 95.9 75.7 113.5



#62  
 4-Bromofluorobenzene  
 Concen: 20.513 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

Tgt Ion: 95 Resp: 501015  
 Ion Ratio Lower Upper  
 95 100  
 174 91.9 0.0 183.2  
 176 88.7 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

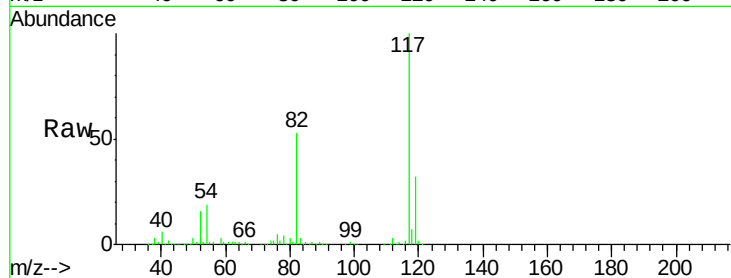
Tot Ion:117 Resp: 1072361

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 53.1  | 42.9  | 64.3  |
| 119 | 31.9  | 26.0  | 39.0  |

117 100

82 53.1 42.9 64.3

119 31.9 26.0 39.0



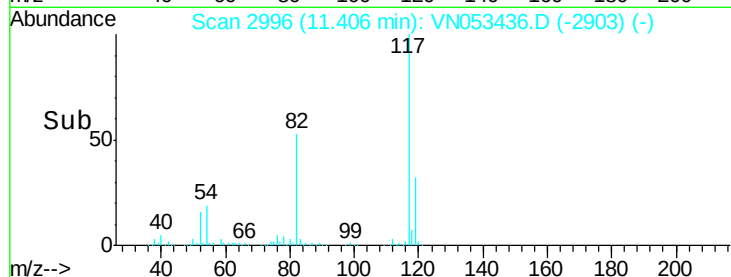
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

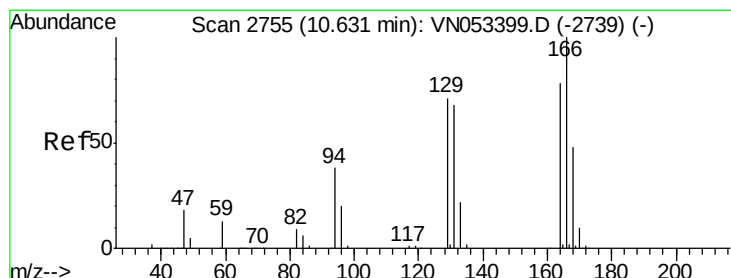
Ion 118.90 (118.60 to 119.60): V

Time-->

11.35 11.40 11.45 11.50



Time-->



#64

Tetrachloroethene

Concen: 20.632 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

Tgt Ion:164 Resp: 208500

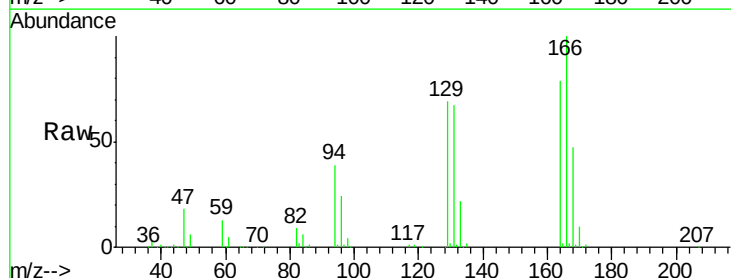
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 126.2 | 102.2 | 153.4 |
| 129 | 86.8  | 72.6  | 109.0 |
| 131 | 84.9  | 69.5  | 104.3 |

164 100

166 126.2 102.2 153.4

129 86.8 72.6 109.0

131 84.9 69.5 104.3



Abundance Ion 163.80 (163.50 to 164.50): V

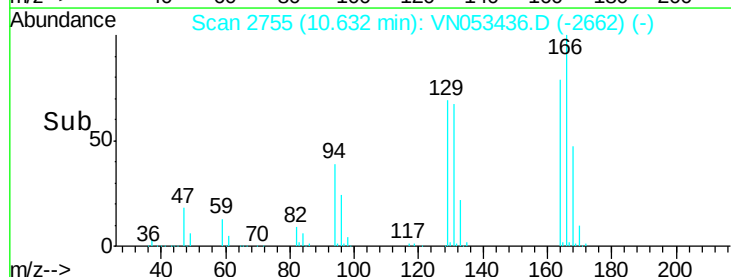
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

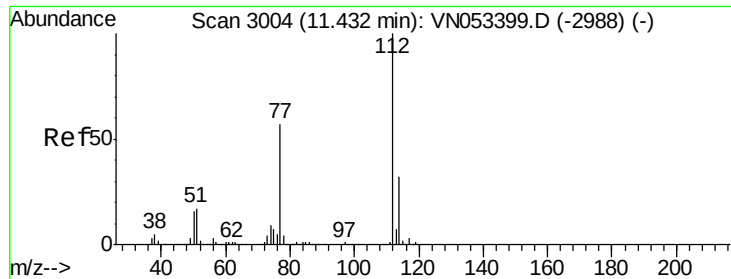
Ion 130.80 (130.50 to 131.50): V

Time-->

10.55 10.60 10.65 10.70



Time-->



#65

Chlorobenzene

Concen: 20.234 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN053436.D

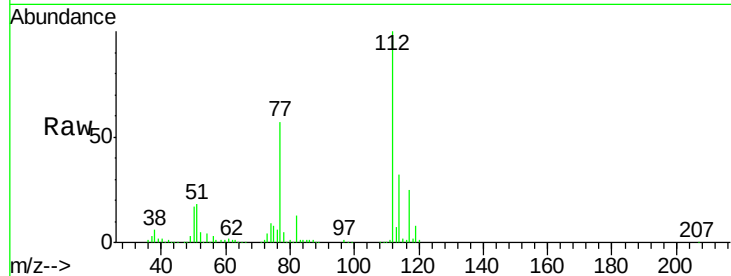
Acq: 17 Jan 2019 15:59

Tot Ion:112 Resp: 459266

Ion Ratio Lower Upper

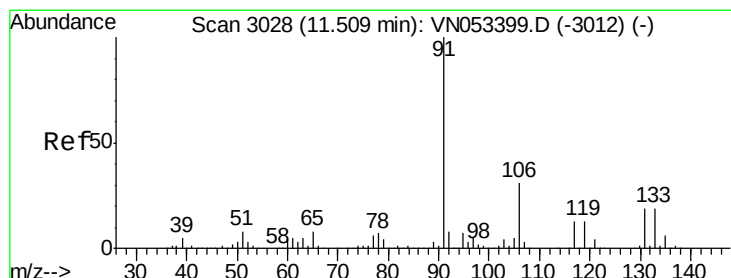
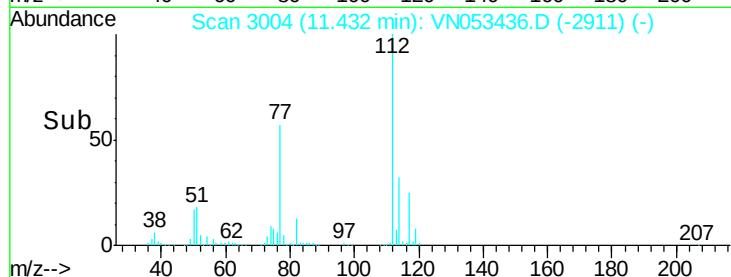
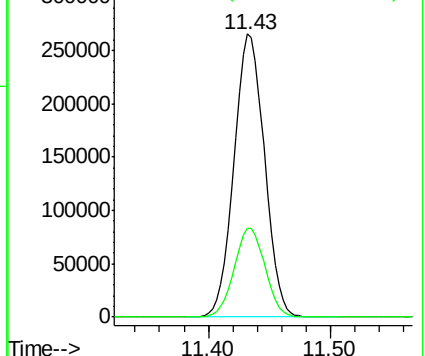
112 100

114 31.5 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.319 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

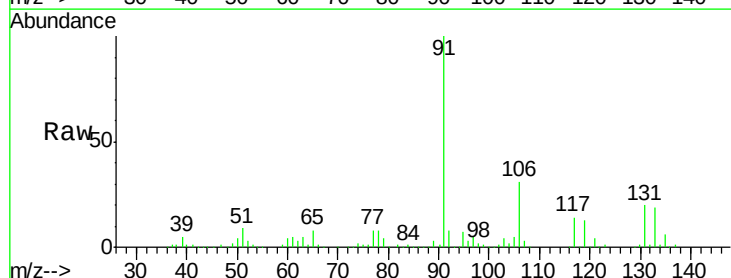
Tgt Ion:131 Resp: 160447

Ion Ratio Lower Upper

131 100

133 95.8 48.0 144.0

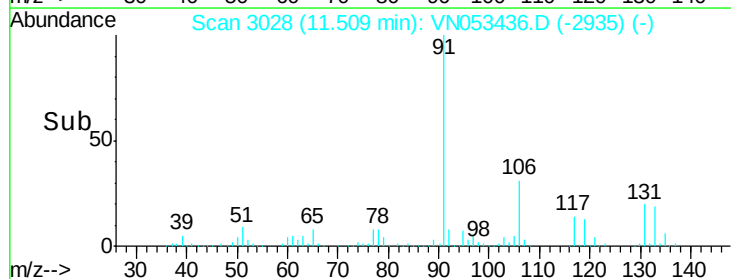
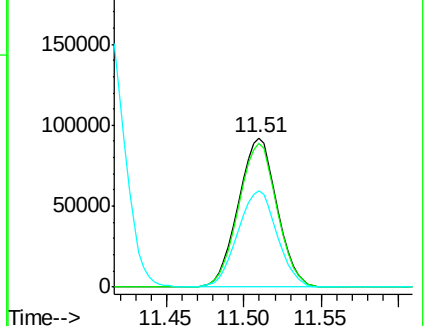
119 65.5 33.5 100.5

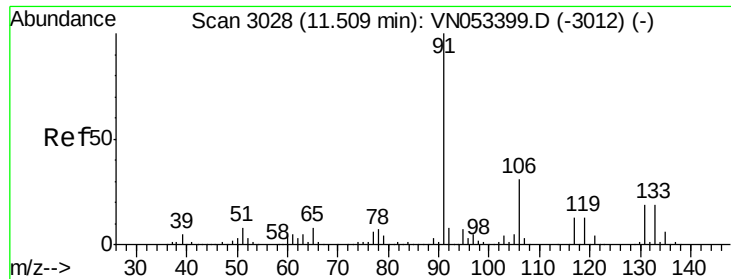


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

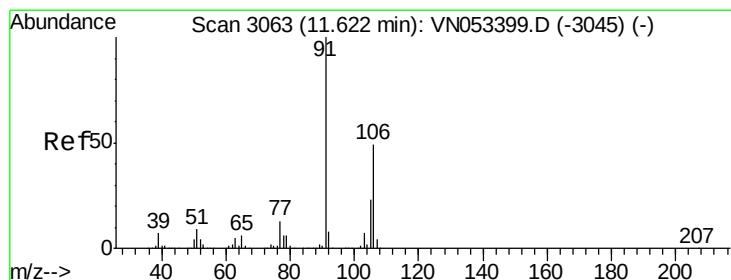
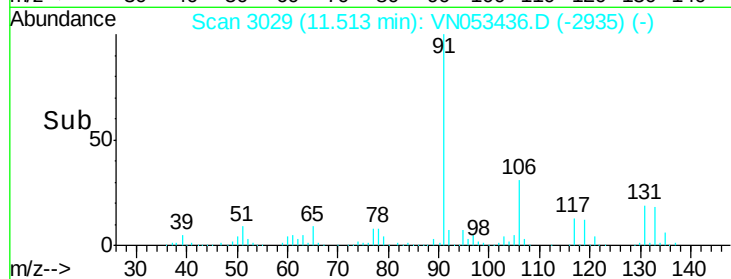
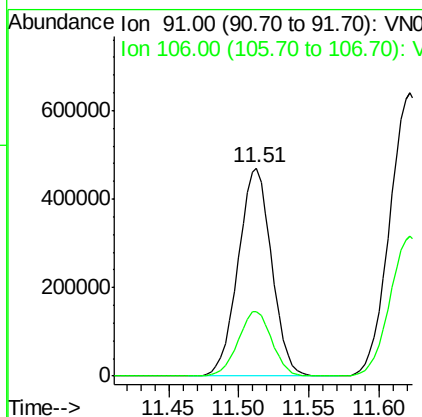
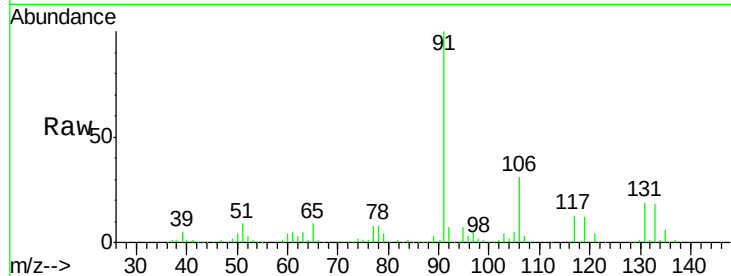
Ion 118.80 (118.50 to 119.50): V





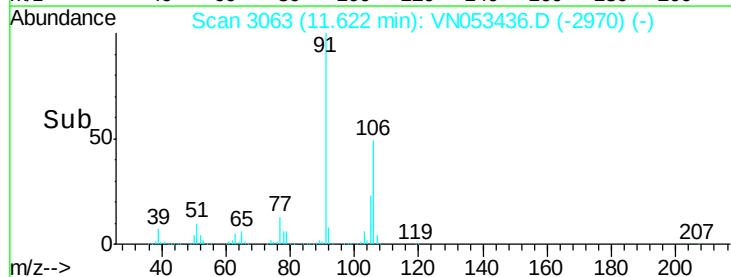
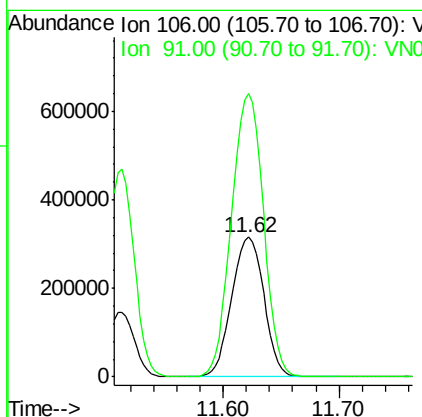
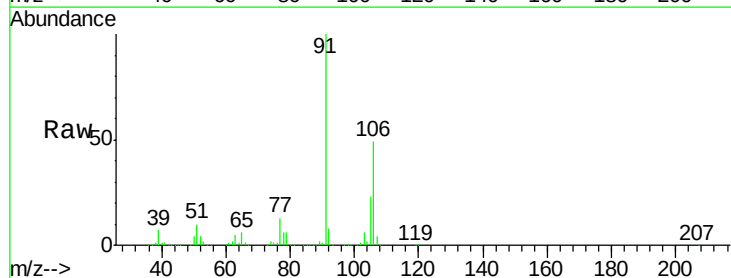
#67  
Ethyl Benzene  
Concen: 20.184 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

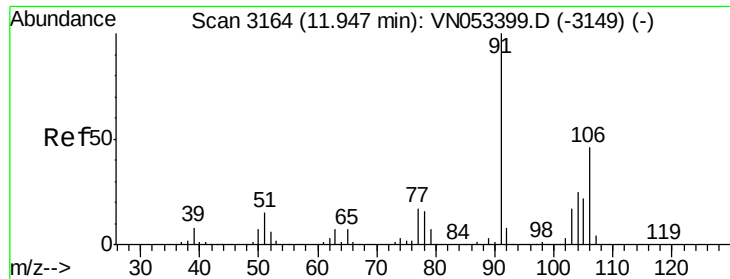
Tot Ion: 91 Resp: 780793  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.0 37.6



#68  
m/p-Xylenes  
Concen: 41.585 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

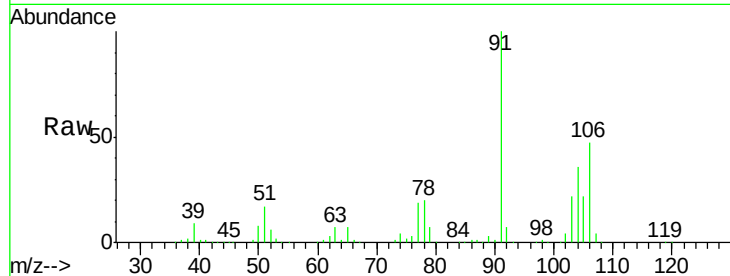
Tgt Ion: 106 Resp: 607355  
Ion Ratio Lower Upper  
106 100  
91 201.5 161.4 242.2



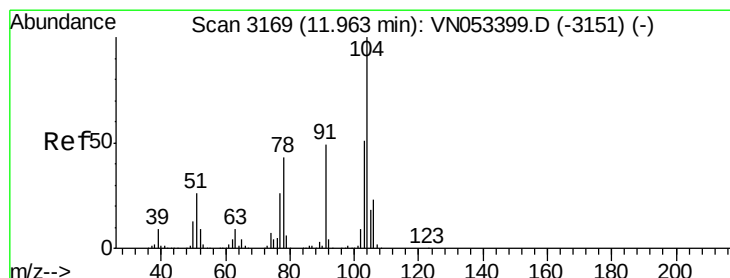
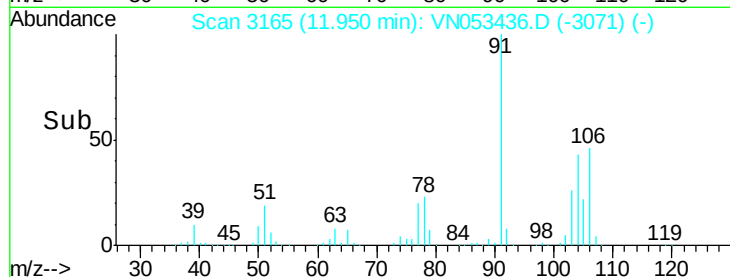
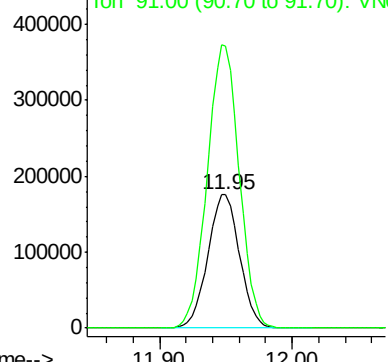


#69  
o-Xylene  
Concen: 20.638 ug/l  
RT: 11.95 min Scan# 3165  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

Tot Ion:106 Resp: 292885  
Ion Ratio Lower Upper  
106 100  
91 212.6 106.9 320.8

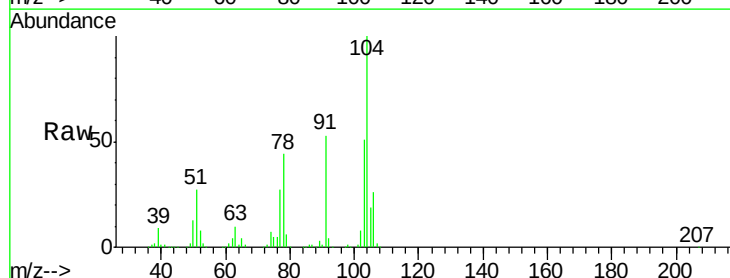


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN

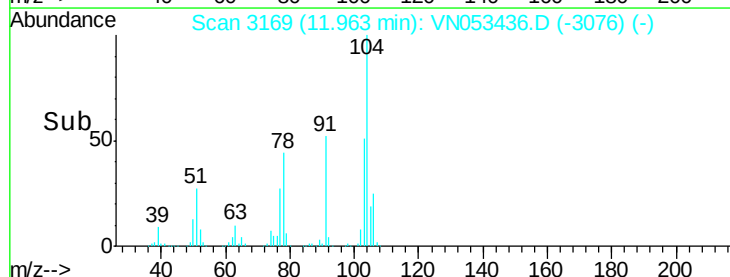
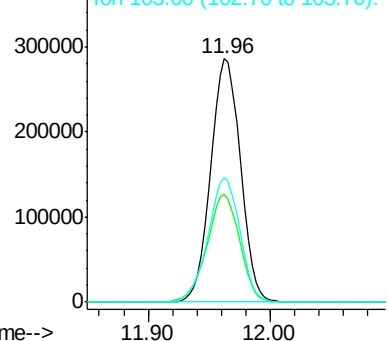


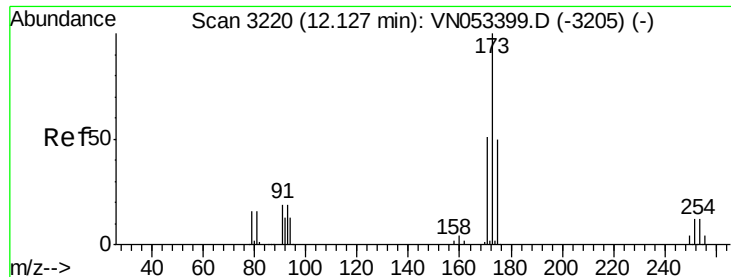
#70  
Styrene  
Concen: 20.930 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

Tgt Ion:104 Resp: 482087  
Ion Ratio Lower Upper  
104 100  
78 48.5 38.2 57.2  
103 55.0 44.4 66.6



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





#71

Bromoform

Concen: 21.278 ug/l

RT: 12.13 min Scan# 3220

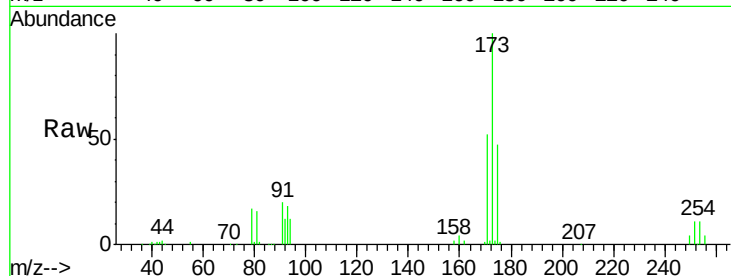
Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

Tot Ion:173 Resp: 115670

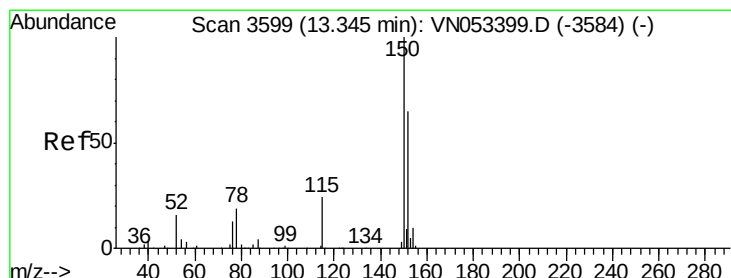
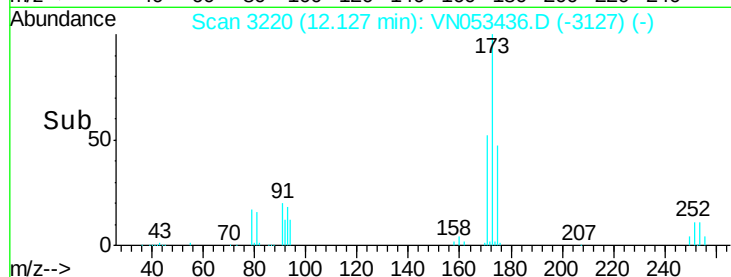
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 173 | 100   |       |       |
| 175 | 47.3  | 24.6  | 74.0  |
| 254 | 0.0   | 0.2   | 0.2   |



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

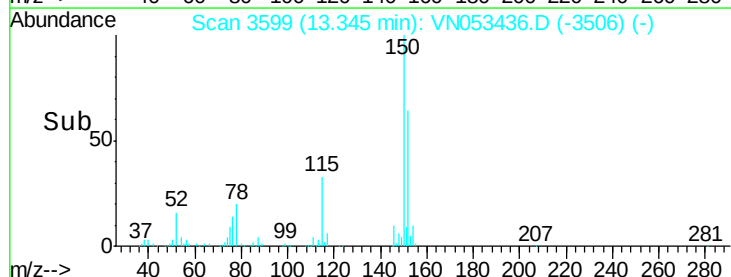
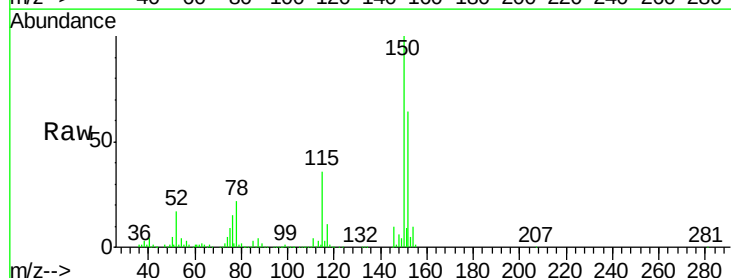
Delta R.T. 0.00 min

Lab File: VN053436.D

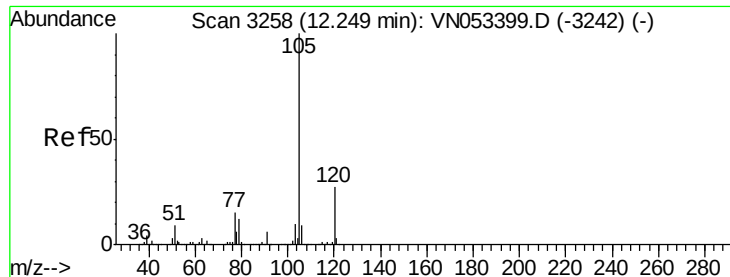
Acq: 17 Jan 2019 15:59

Tgt Ion:152 Resp: 535006

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 56.2  | 27.8  | 83.4  |
| 150 | 163.4 | 0.0   | 349.0 |







#73

Isopropylbenzene

Concen: 20.139 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053436.D

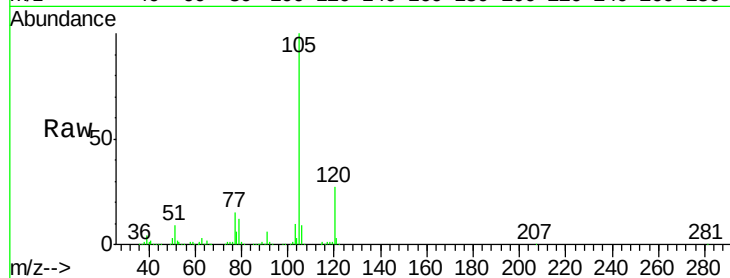
Acq: 17 Jan 2019 15:59

Tot Ion: 105 Resp: 789013

Ion Ratio Lower Upper

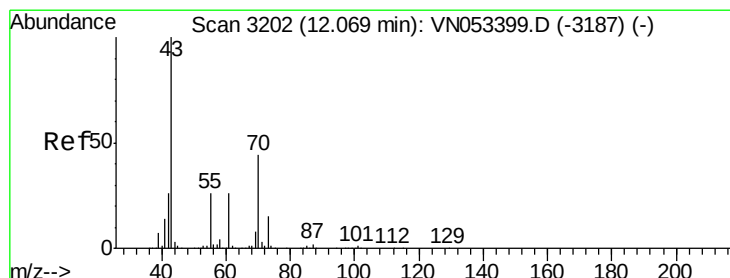
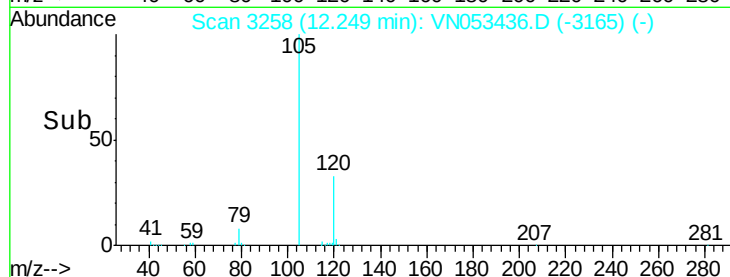
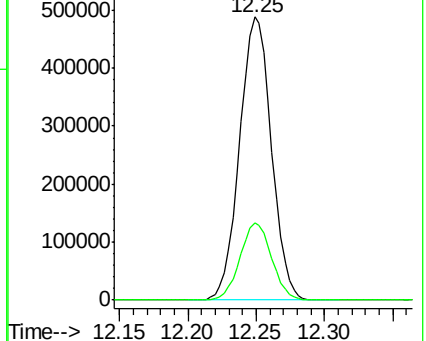
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.760 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

Tgt Ion: 43 Resp: 216818

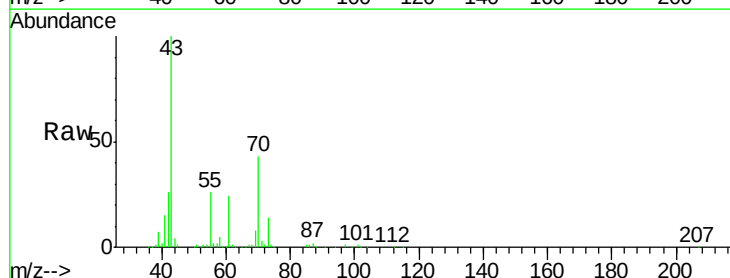
Ion Ratio Lower Upper

43 100

70 44.4 35.4 53.2

55 26.7 20.9 31.3

61 24.8 20.5 30.7

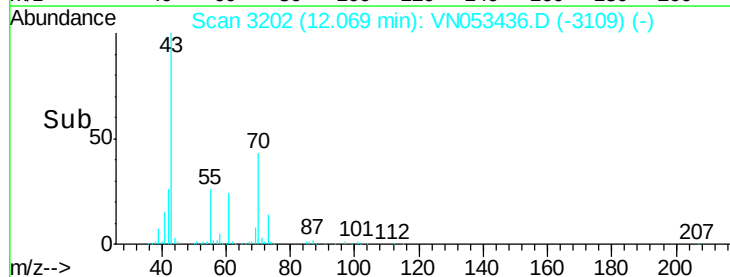
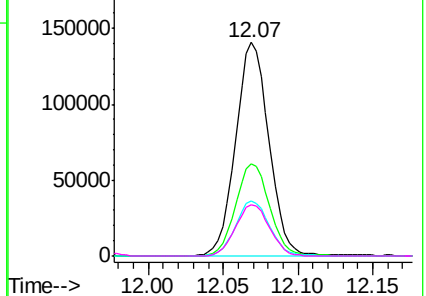


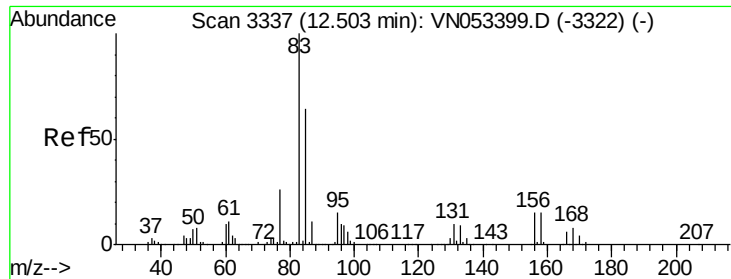
Abundance Ion 43.00 (42.70 to 43.70): V

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: 20.671 ug/l

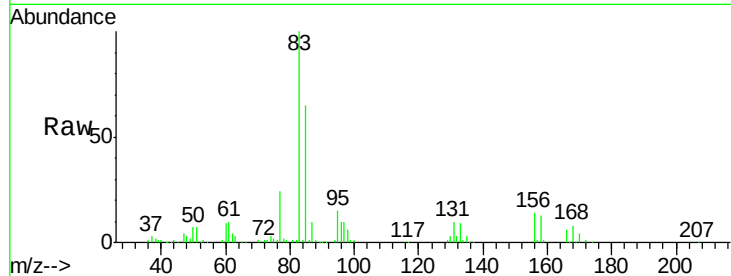
RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

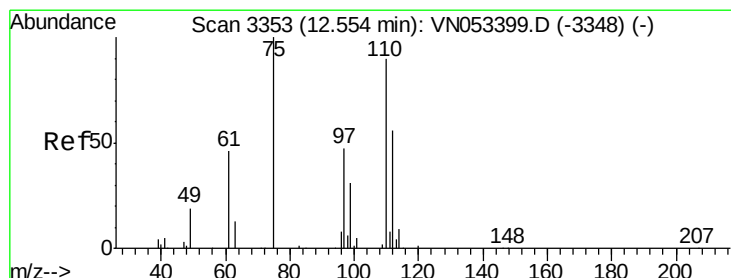
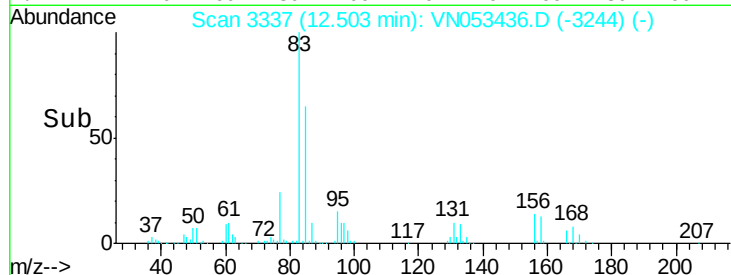
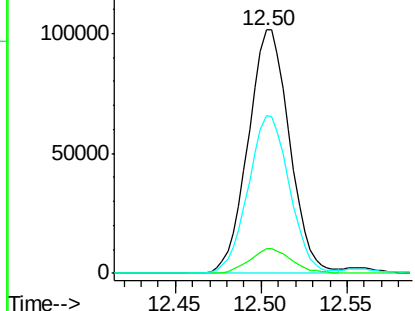
Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 169848 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 10.4  | 5.3   | 15.8   |
| 85       | 64.3  | 32.1  | 96.3   |



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



#76

1,2,3-Trichloropropane

Concen: 32.700 ug/l

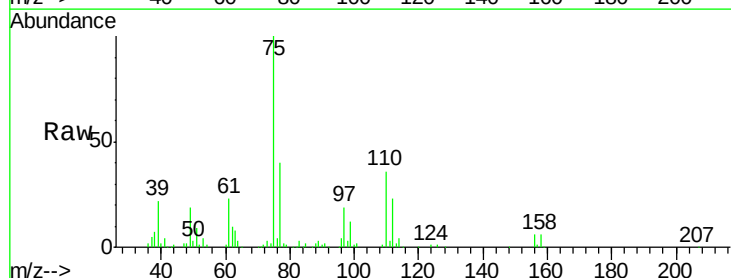
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

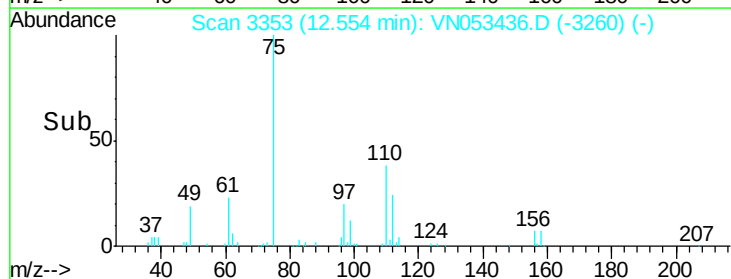
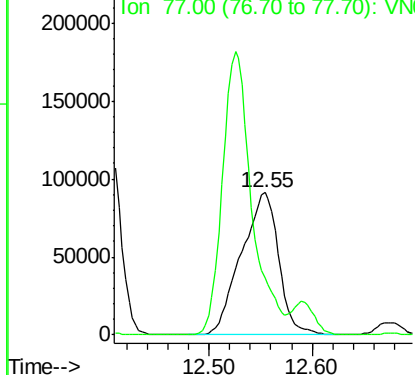
Lab File: VN053436.D

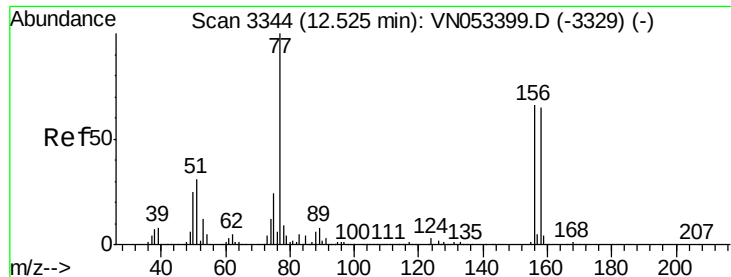
Acq: 17 Jan 2019 15:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 230544 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 0.0   | 0.0   | 0.0    |



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





#77

Bromobenzene

Concen: 20.070 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

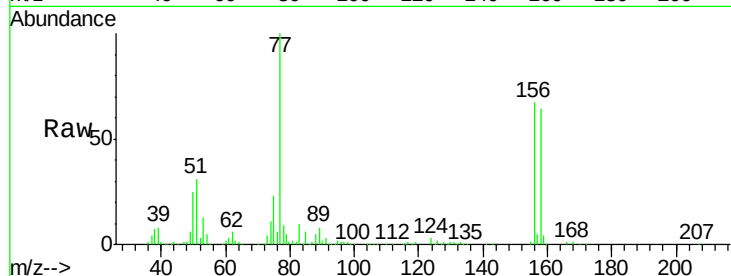
Tot Ion:156 Resp: 207202

Ion Ratio Lower Upper

156 100

77 173.9 87.9 263.8

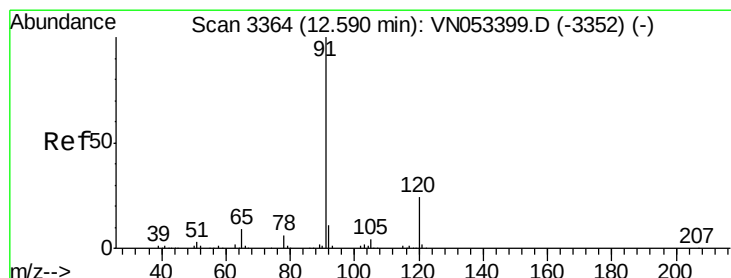
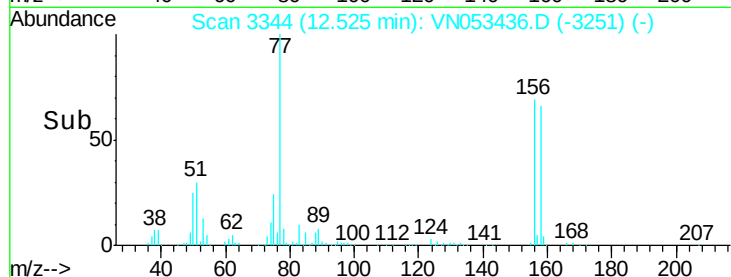
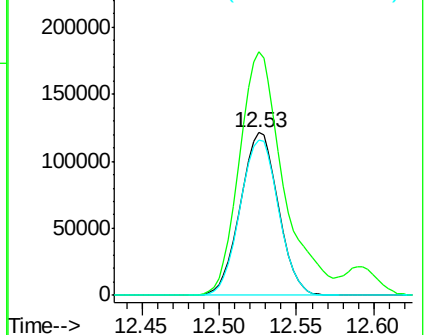
158 97.0 48.8 146.4



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: 20.567 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053436.D

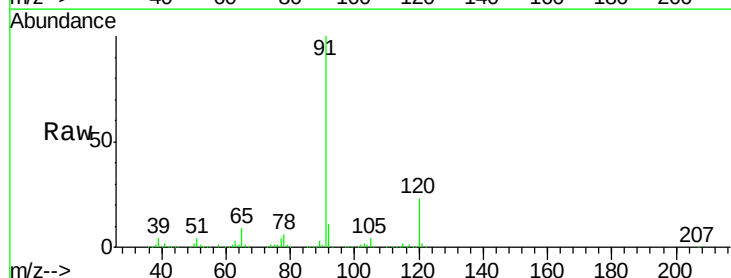
Acq: 17 Jan 2019 15:59

Tgt Ion: 91 Resp: 924953

Ion Ratio Lower Upper

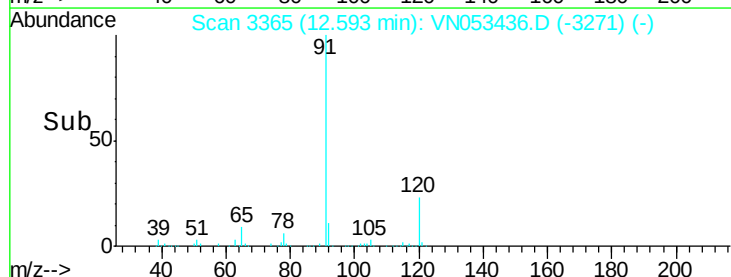
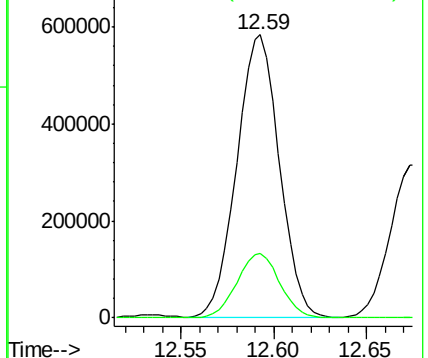
91 100

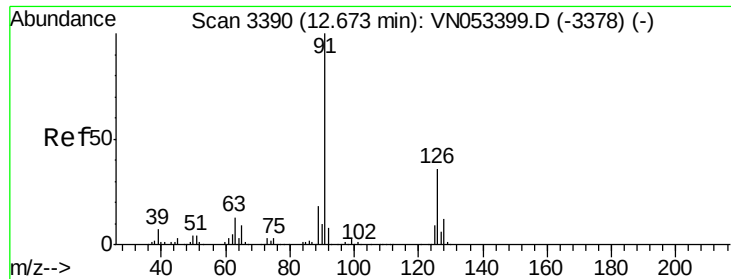
120 23.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.951 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053436.D

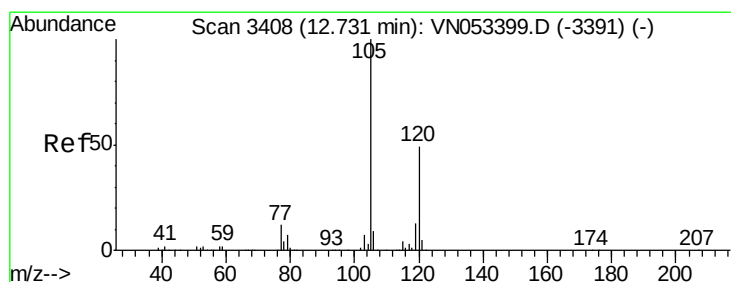
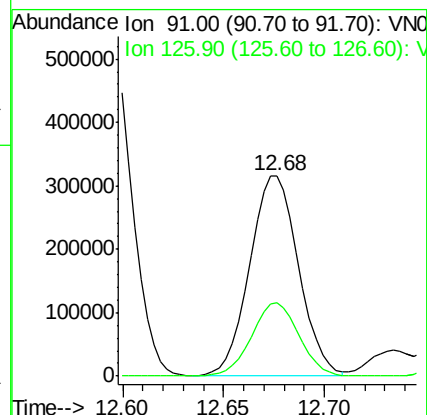
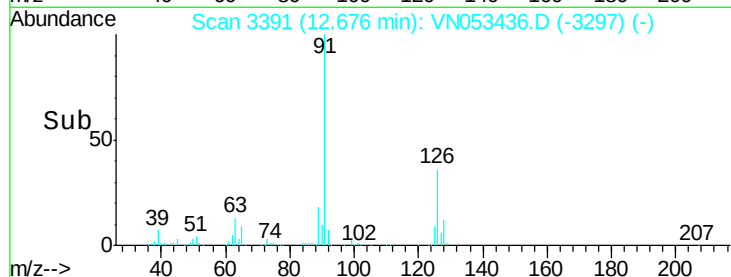
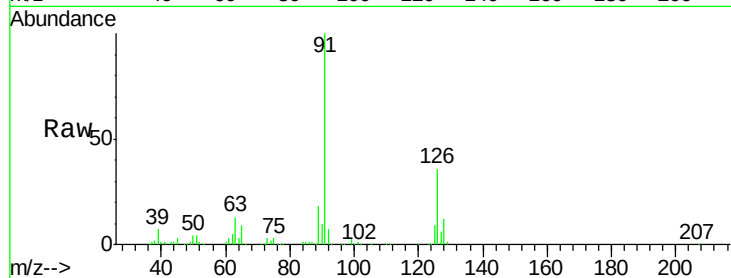
Acq: 17 Jan 2019 15:59

Tot Ion: 91 Resp: 531837

Ion Ratio Lower Upper

91 100

126 35.8 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 20.499 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053436.D

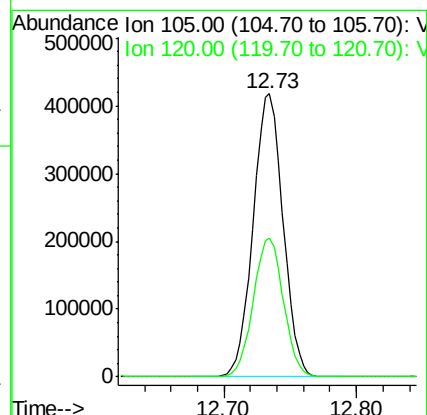
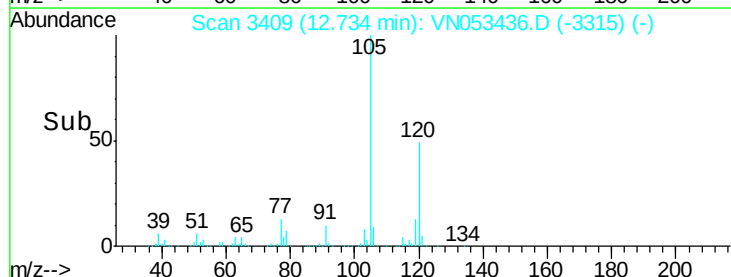
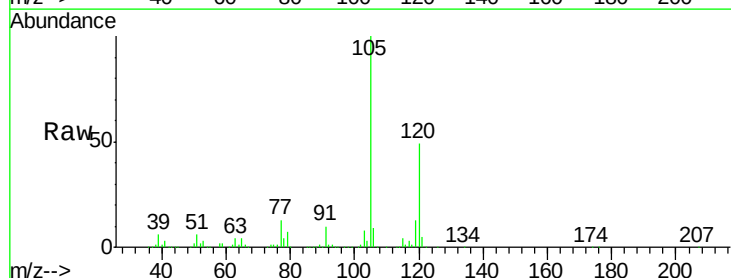
Acq: 17 Jan 2019 15:59

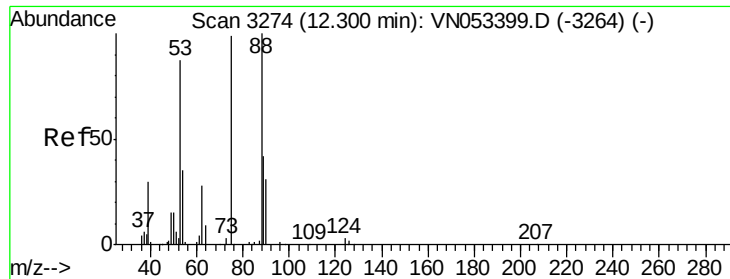
Tgt Ion: 105 Resp: 653431

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.728 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

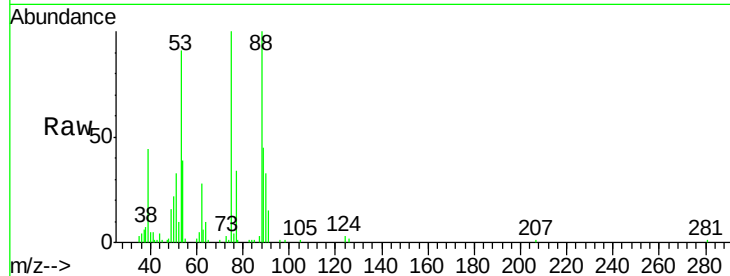
Tot Ion: 75 Resp: 50459

Ion Ratio Lower Upper

75 100

53 91.6 69.8 104.6

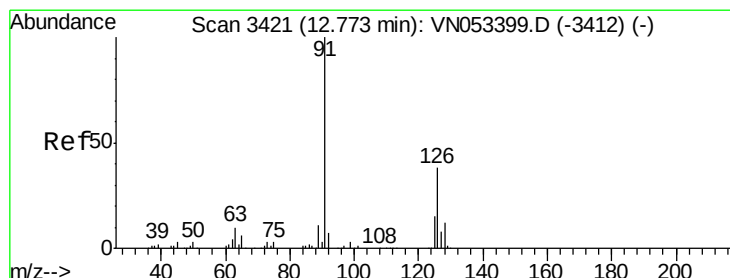
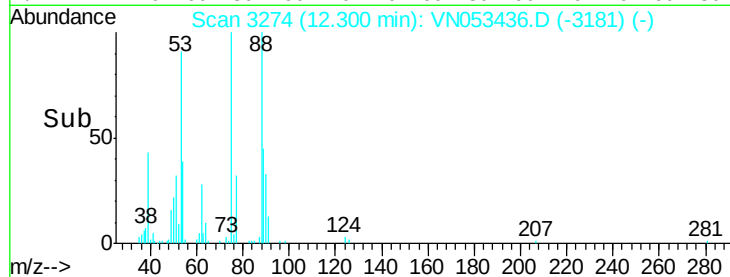
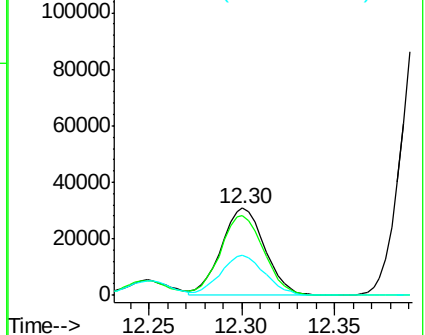
89 46.8 35.6 53.4



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: 20.378 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053436.D

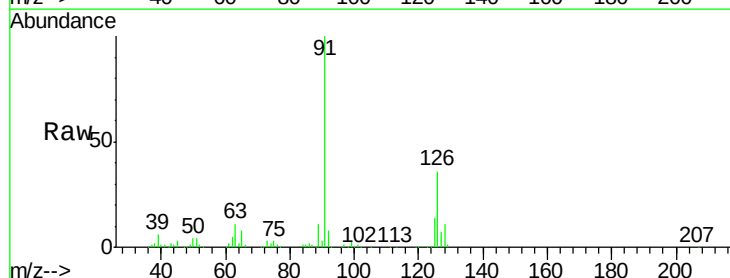
Acq: 17 Jan 2019 15:59

Tgt Ion: 91 Resp: 553972

Ion Ratio Lower Upper

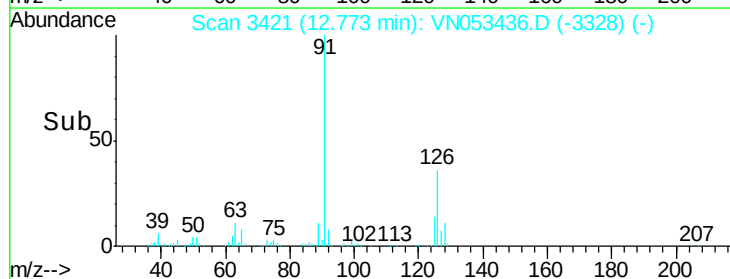
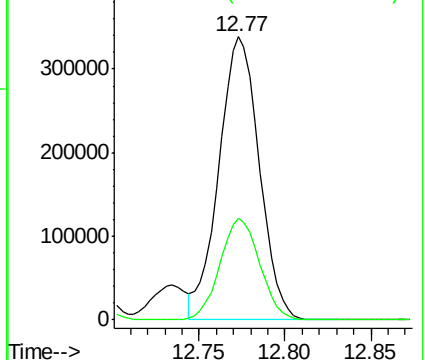
91 100

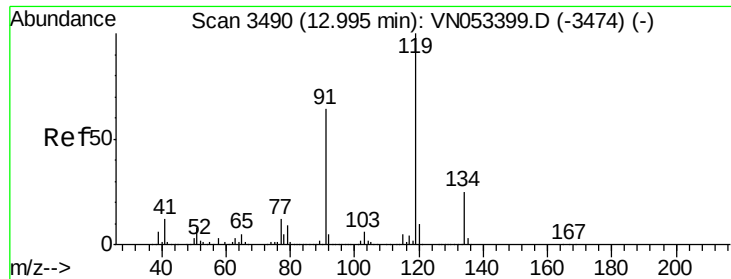
126 35.4 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

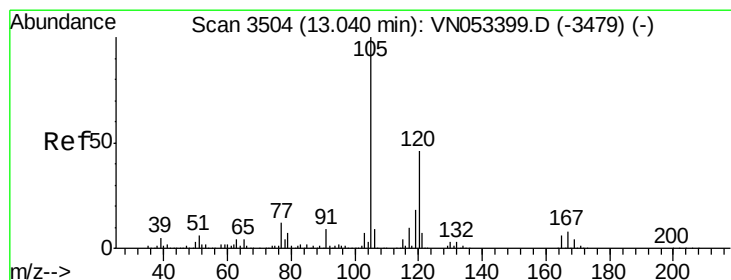
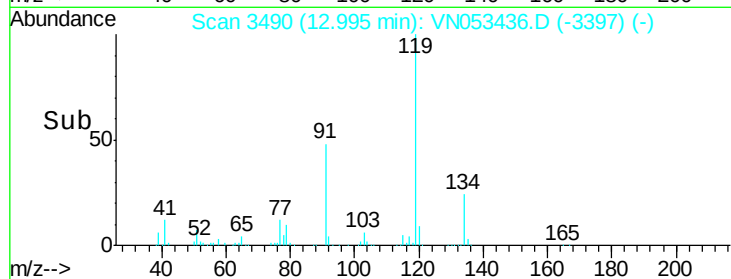
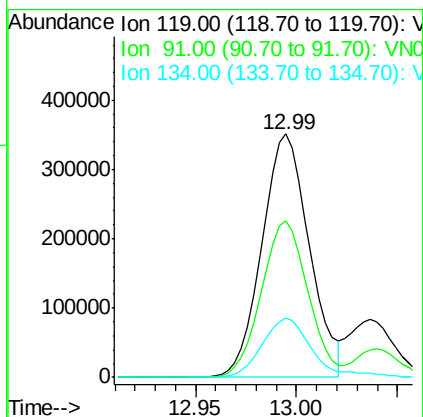
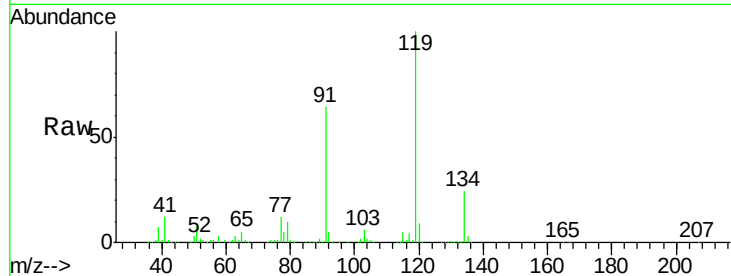
Ion 125.90 (125.60 to 126.60): V





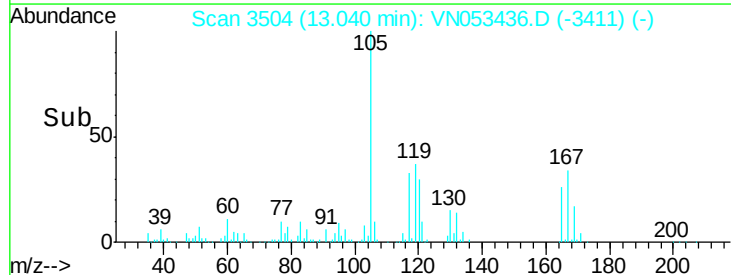
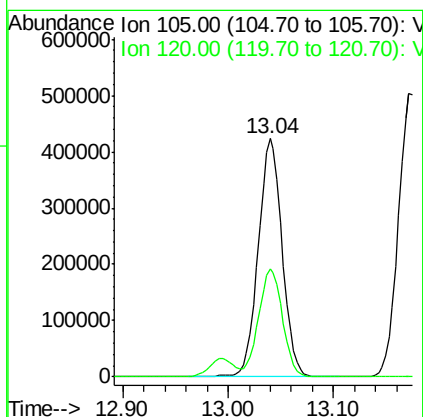
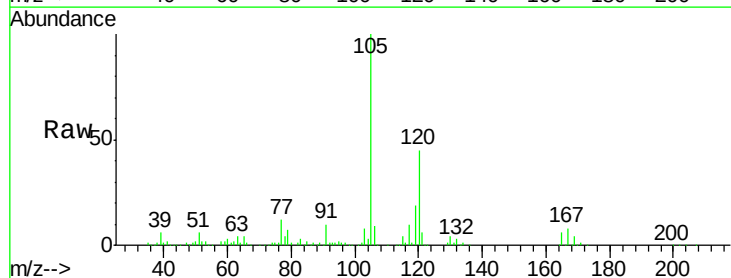
#83  
 tert-Butylbenzene  
 Concen: 20.426 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

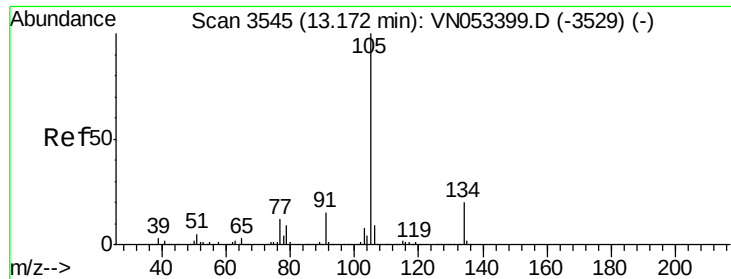
Tot Ion:119 Resp: 575070  
 Ion Ratio Lower Upper  
 119 100  
 91 63.4 31.3 93.8  
 134 25.6 12.9 38.7



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.781 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

Tgt Ion:105 Resp: 667924  
 Ion Ratio Lower Upper  
 105 100  
 120 45.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.719 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053436.D

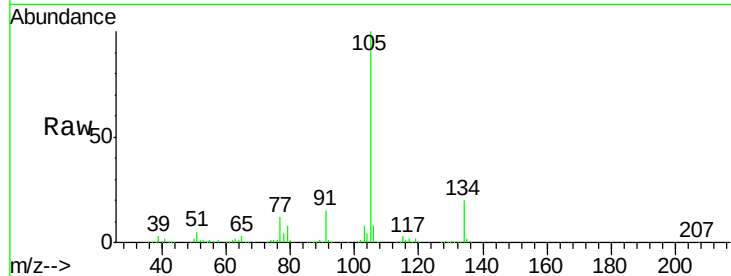
Acq: 17 Jan 2019 15:59

Tot Ion:105 Resp: 799992

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

500000

400000

300000

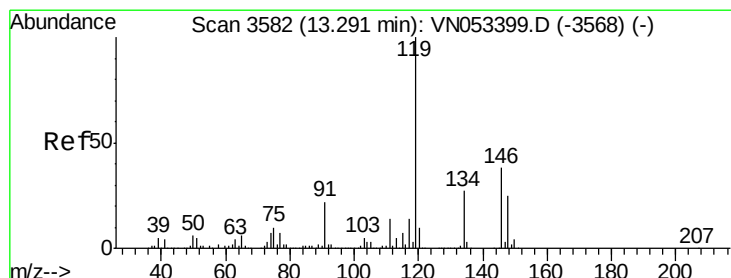
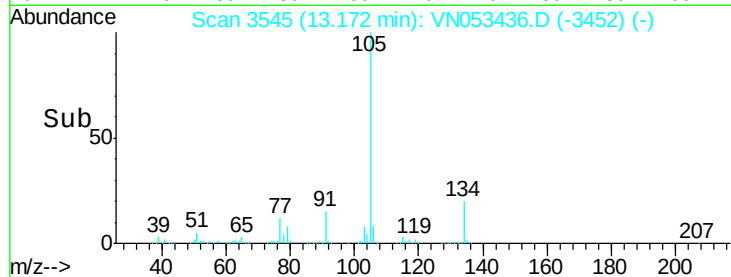
200000

100000

0

Time-->

13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 20.808 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

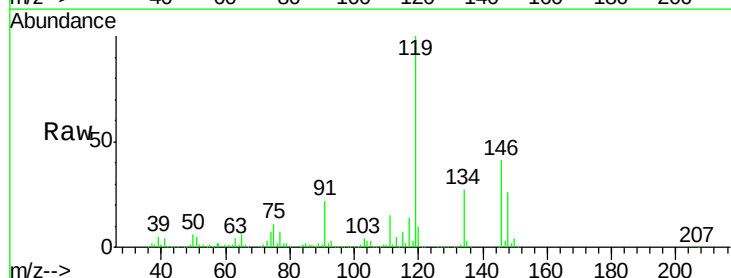
Tgt Ion:119 Resp: 697626

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 22.0 11.0 33.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

600000

500000

400000

300000

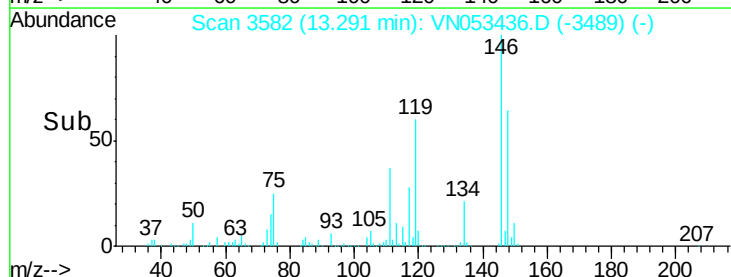
200000

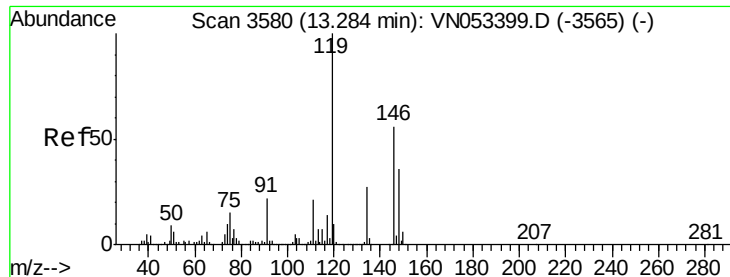
100000

0

Time-->

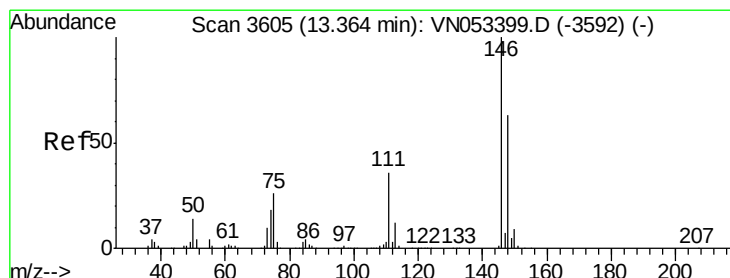
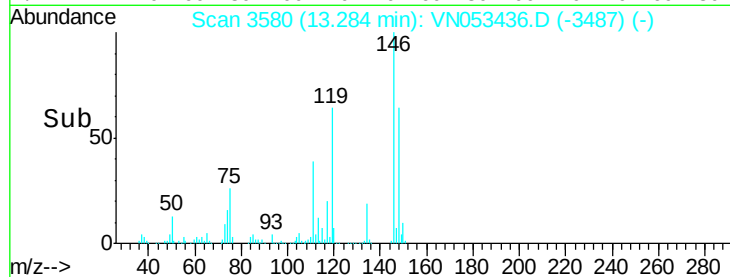
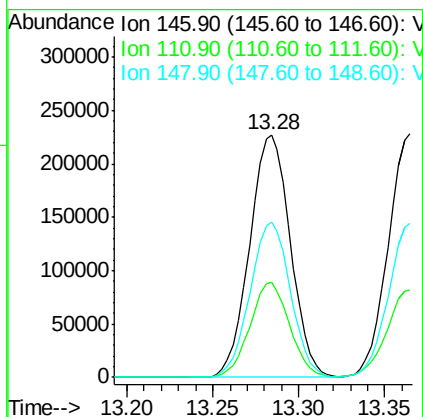
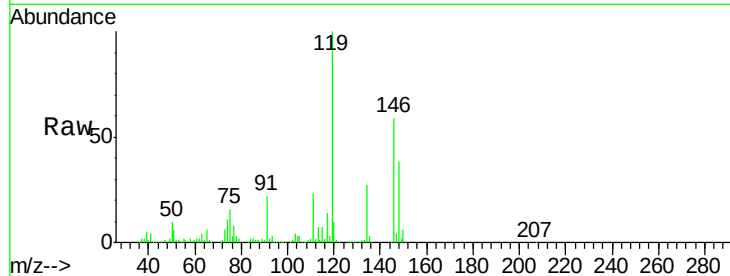
13.20 13.25 13.30 13.35





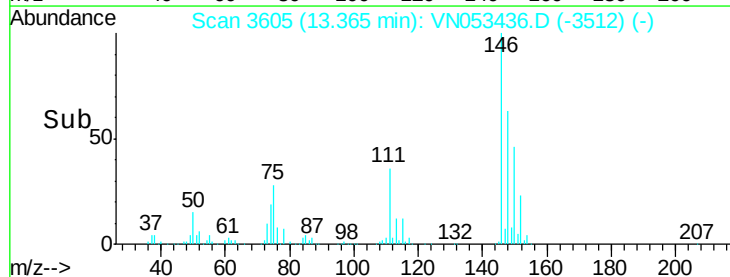
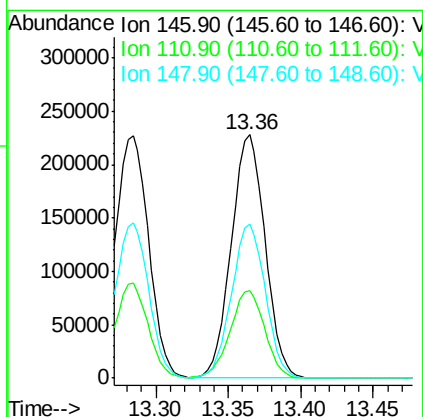
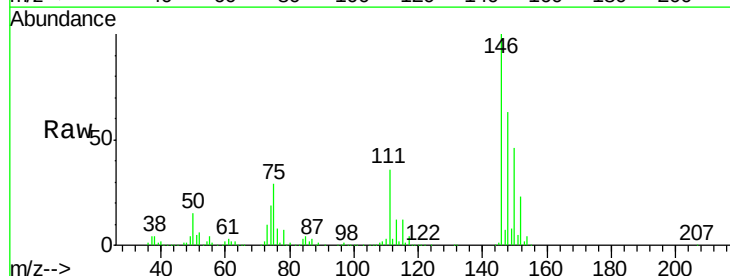
#87  
 1,3-Dichlorobenzene  
 Concen: 20.467 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.2  | 18.8  | 56.3  |
| 148     | 63.6  | 32.0  | 96.2  |

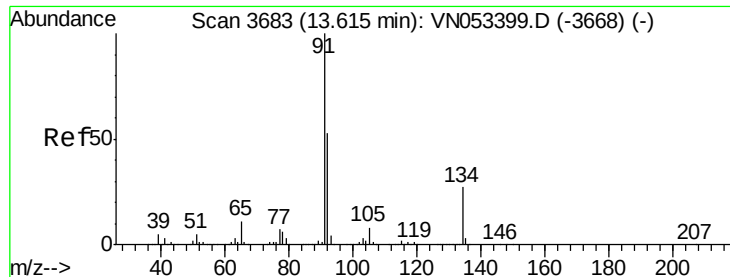


#88  
 1,4-Dichlorobenzene  
 Concen: 20.304 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.1  | 18.6  | 55.8  |
| 148     | 63.3  | 32.4  | 97.0  |

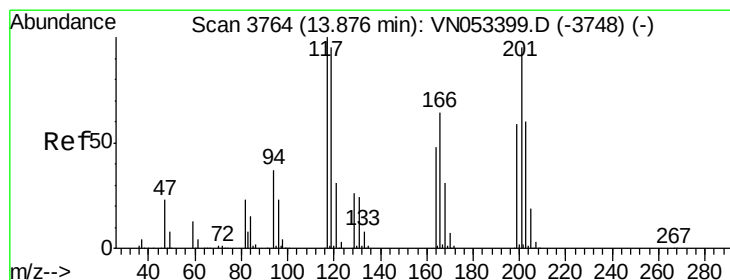
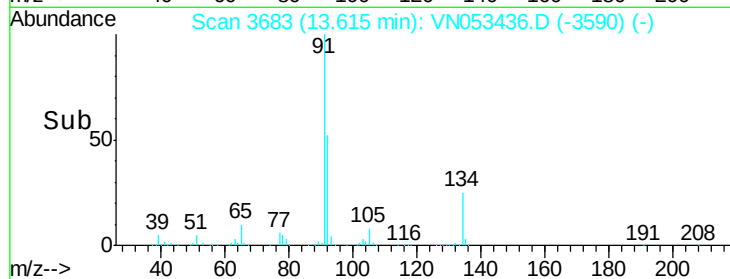
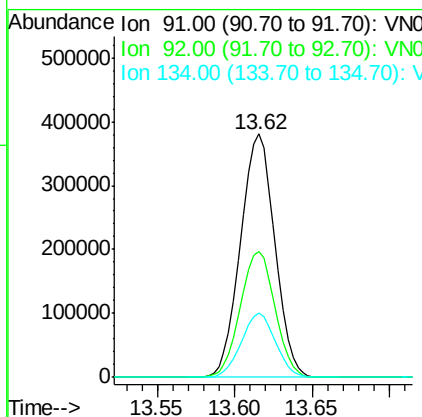
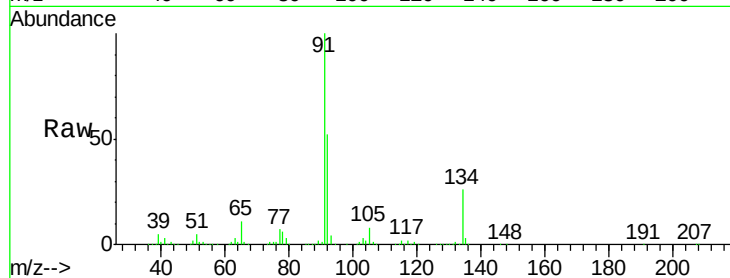






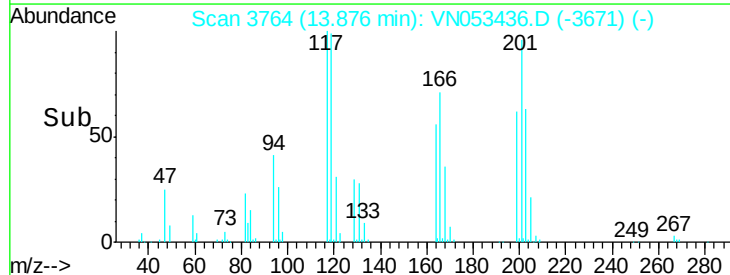
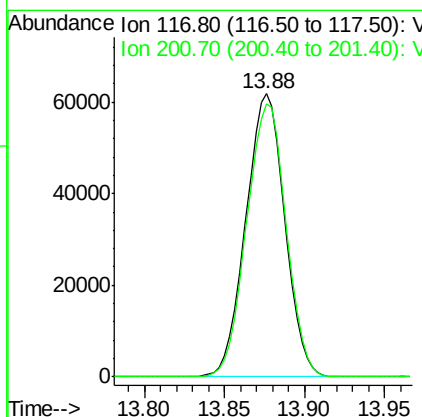
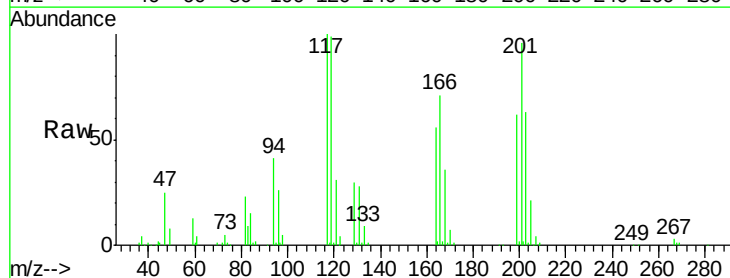
#89  
n-Butylbenzene  
Concen: 20.636 ug/l  
RT: 13.62 min Scan# 3683  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

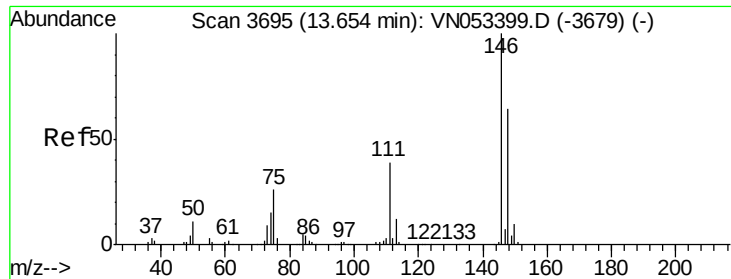
Tot Ion: 91 Resp: 589743  
Ion Ratio Lower Upper  
91 100  
92 52.2 26.3 78.8  
134 26.2 13.5 40.5



#90  
Hexachloroethane  
Concen: 19.619 ug/l  
RT: 13.88 min Scan# 3764  
Delta R.T. 0.00 min  
Lab File: VN053436.D  
Acq: 17 Jan 2019 15:59

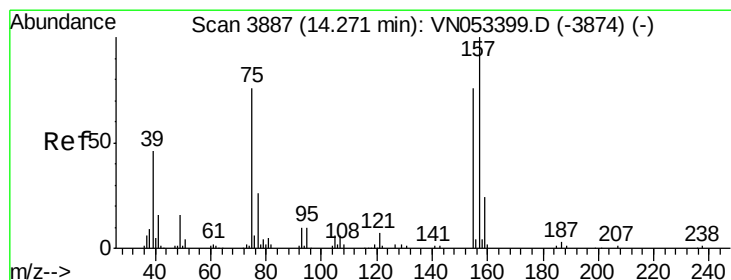
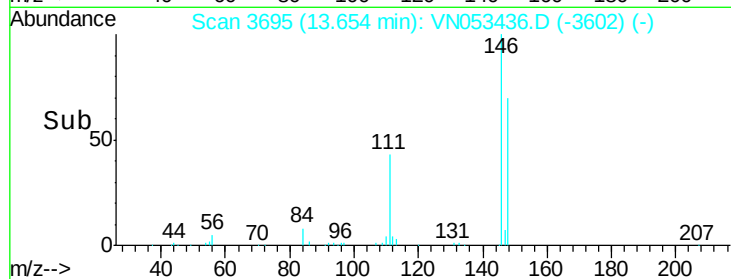
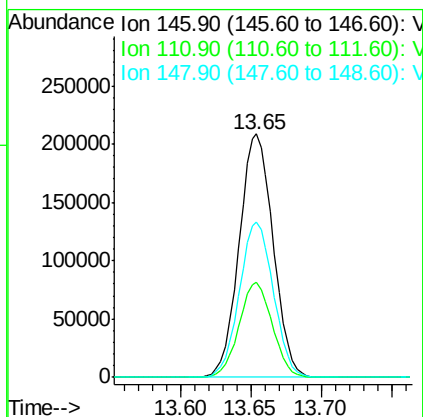
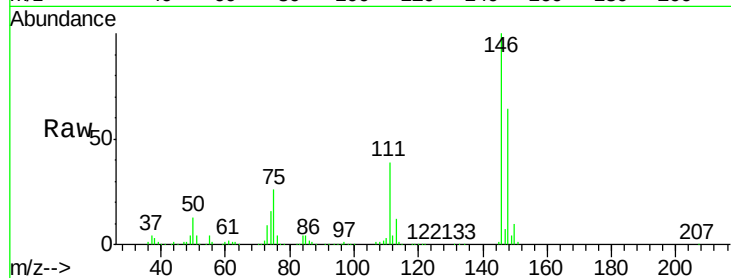
Tgt Ion: 117 Resp: 103158  
Ion Ratio Lower Upper  
117 100  
201 97.8 46.8 140.4





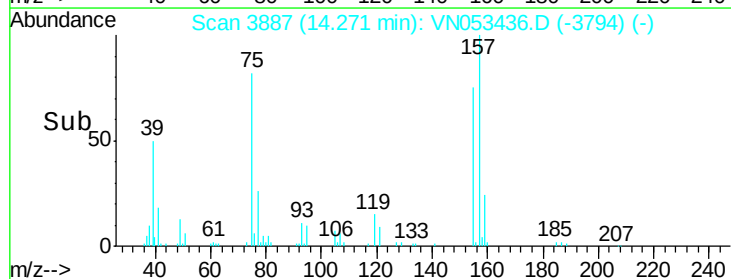
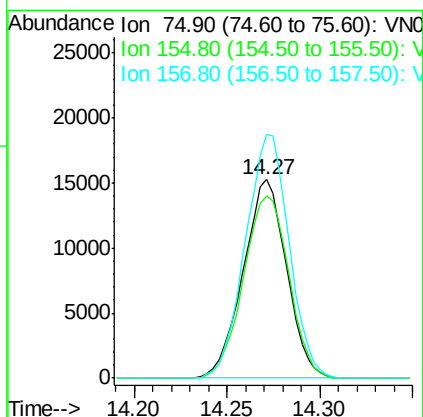
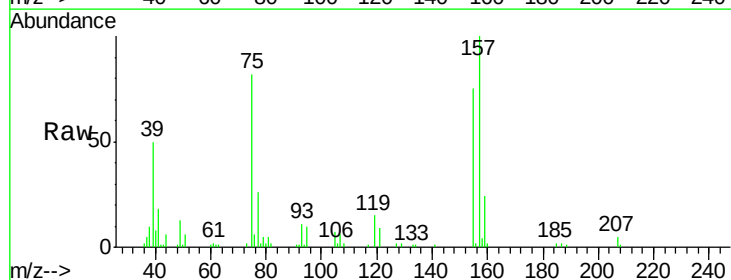
#91  
 1,2-Dichlorobenzene  
 Concen: 21.080 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

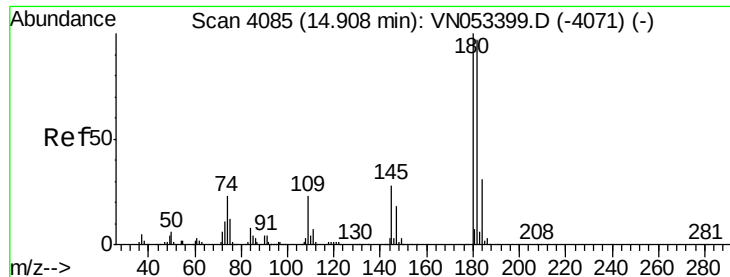
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 19.5  | 58.5  |
| 148     | 63.9  | 31.9  | 95.9  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 23.756 ug/l  
 RT: 14.27 min Scan# 3887  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

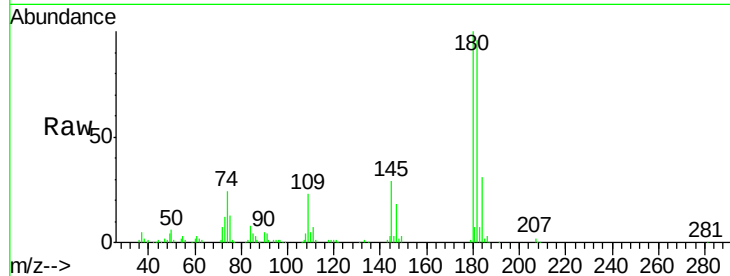
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 95.8  | 48.9  | 146.7 |
| 157     | 123.8 | 63.7  | 191.3 |



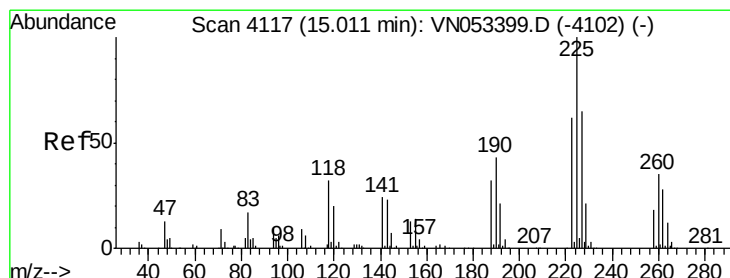
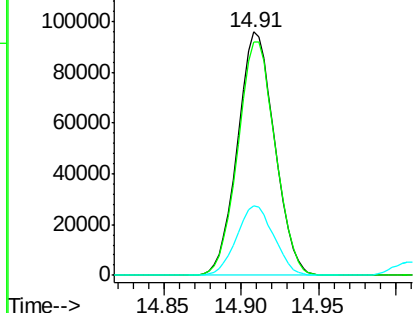
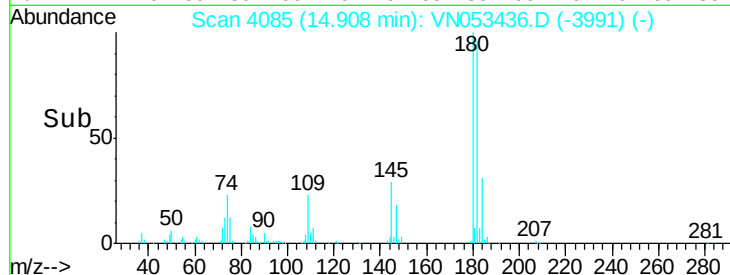


#93  
 1,2,4-Trichlorobenzene  
 Concen: 23.163 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.9  | 48.1  | 144.3 |
| 145     | 28.8  | 13.9  | 41.6  |

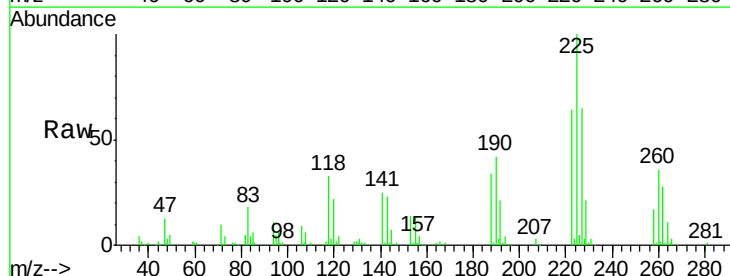


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

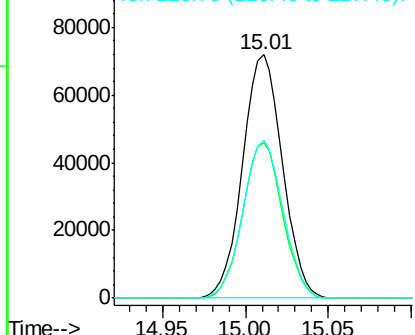
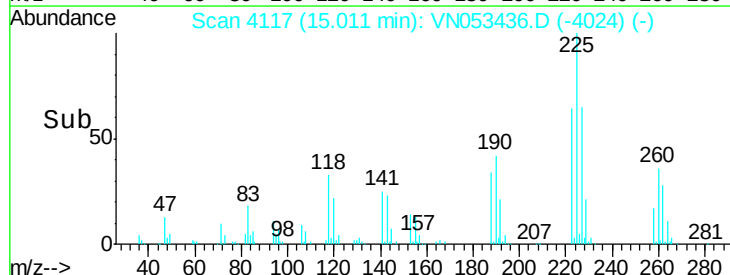


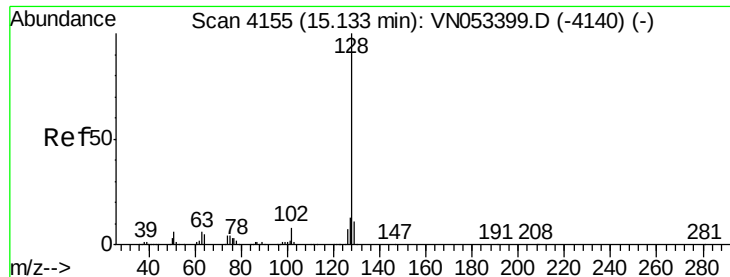
#94  
 Hexachlorobutadiene  
 Concen: 23.070 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN053436.D  
 Acq: 17 Jan 2019 15:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.6  | 31.1  | 93.2  |
| 227     | 64.9  | 32.0  | 96.2  |



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: 22.996 ug/l

RT: 15.13 min Scan# 4155

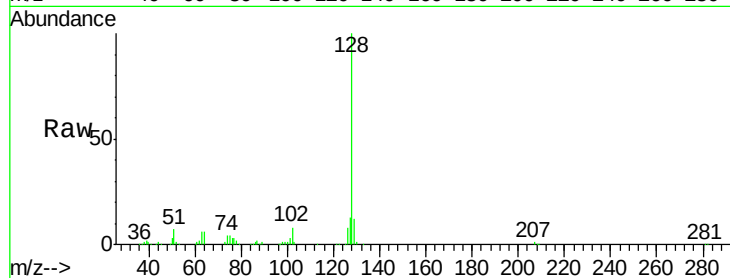
Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

Tot Ion:128 Resp: 267547

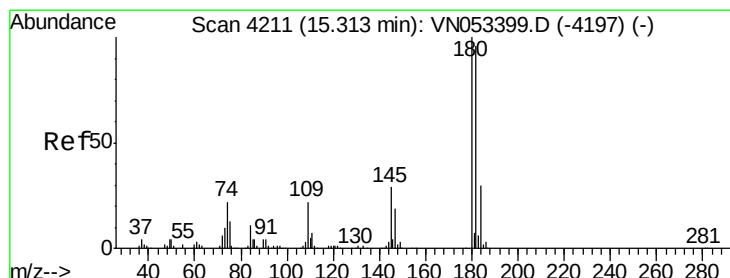
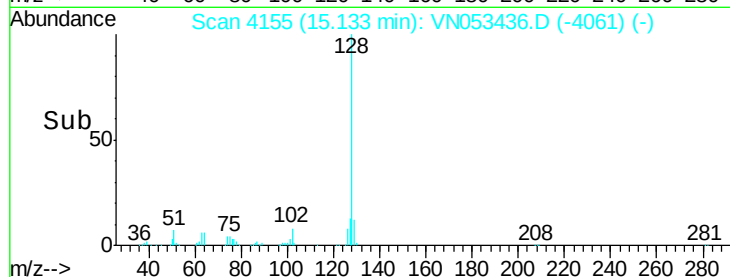
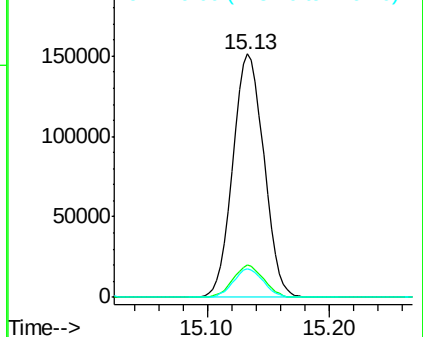
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.9  | 10.3  | 15.5  |
| 129 | 11.1  | 8.6   | 13.0  |



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 24.955 ug/l

RT: 15.31 min Scan# 4211

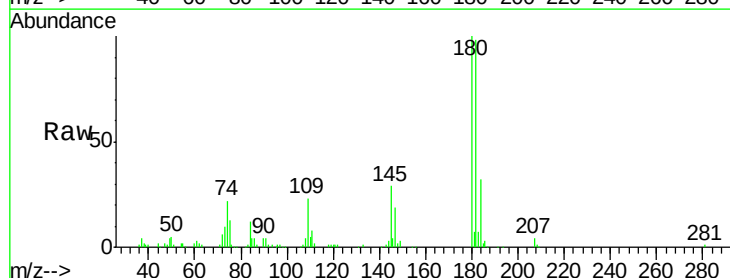
Delta R.T. 0.00 min

Lab File: VN053436.D

Acq: 17 Jan 2019 15:59

Tgt Ion:180 Resp: 123166

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 97.0  | 47.9  | 143.8 |
| 145 | 29.3  | 14.7  | 44.1  |



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

