

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010819\  
 Data File : VN053317.D  
 Acq On : 8 Jan 2019 17:39  
 Operator : MD\SY  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jan 09 00:11:31 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N010519W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jan 07 09:34:27 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 1042585  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 1561752  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1428170  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 689727   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 511939   | 47.20 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.40%  |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 439275   | 49.41 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.82%  |      |
| 50) Toluene-d8            | 10.09  | 98  | 1899276  | 49.52 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.04%  |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 681283   | 50.74 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.48% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 450909  | 49.057  | ug/l | 99     |
| 3) Chloromethane              | 2.06 | 50  | 581788  | 45.326  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.19 | 62  | 575790  | 46.999  | ug/l | 100    |
| 5) Bromomethane               | 2.56 | 94  | 374886  | 46.829  | ug/l | 100    |
| 6) Chloroethane               | 2.71 | 64  | 345734  | 46.755  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 3.02 | 101 | 753113  | 47.459  | ug/l | 98     |
| 8) Diethyl Ether              | 3.41 | 74  | 295761  | 47.552  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 487460  | 48.469  | ug/l | 99     |
| 10) Methyl Iodide             | 3.96 | 142 | 708062  | 50.226  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.78 | 59  | 152128  | 233.179 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.74 | 96  | 461829  | 47.474  | ug/l | 99     |
| 13) Acrolein                  | 3.61 | 56  | 184407  | 224.806 | ug/l | 99     |
| 14) Allyl chloride            | 4.33 | 41  | 716052  | 45.669  | ug/l | 99     |
| 15) Acrylonitrile             | 4.99 | 53  | 914742  | 234.874 | ug/l | 99     |
| 16) Acetone                   | 3.82 | 43  | 603765  | 231.114 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.06 | 76  | 1364110 | 45.483  | ug/l | 99     |
| 18) Methyl Acetate            | 4.32 | 43  | 434081  | 44.218  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 1316596 | 48.223  | ug/l | 100    |
| 20) Methylene Chloride        | 4.55 | 84  | 525838  | 45.137  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96  | 499926  | 47.862  | ug/l | 98     |
| 22) Diisopropyl ether         | 5.95 | 45  | 1608360 | 47.617  | ug/l | 98     |
| 23) Vinyl Acetate             | 5.90 | 43  | 5140334 | 241.863 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 920738  | 47.263  | ug/l | 100    |
| 25) 2-Butanone                | 6.83 | 43  | 1021206 | 229.484 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 6.82 | 77  | 677268  | 47.559  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 568858  | 47.691  | ug/l | 99     |
| 28) Bromochloromethane        | 7.19 | 49  | 399944  | 48.176  | ug/l | 98     |
| 29) Tetrahydrofuran           | 7.21 | 42  | 681820  | 232.180 | ug/l | 99     |
| 30) Chloroform                | 7.37 | 83  | 903266  | 47.107  | ug/l | 98     |
| 31) Cyclohexane               | 7.65 | 56  | 854462  | 46.141  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 759963  | 47.562  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 723507  | 49.623  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.93 | 43  | 454434  | 47.851  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.78 | 117 | 660198  | 49.058  | ug/l | 99     |

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 ClientSampleID :  
 VSTDCCC050EC

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 Quant Title : SW846 8260  
 QLast Update : Mon Jan 07 09:34:27 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 812529   | 48.104  | ug/l   | 100      |
| 40) Benzene                    | 8.04  | 78   | 2157560  | 48.445  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.17  | 41   | 249404   | 42.301  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 629391   | 47.643  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.16  | 43   | 819972   | 43.890  | ug/l   | 99       |
| 44) Trichloroethene            | 8.83  | 130  | 597043   | 48.822  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 568950   | 48.708  | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 332227   | 48.780  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 689727   | 48.596  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 415750   | 48.982  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 85947    | 950.418 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 2320443  | 246.984 | ug/l   | 100      |
| 52) Toluene                    | 10.16 | 92   | 1355262  | 49.602  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 735206   | 50.636  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 843845   | 50.295  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 485600   | 48.335  | ug/l   | 100      |
| 56) Ethyl methacrylate         | 10.43 | 69   | 669132   | 51.253  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 823917   | 49.041  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 1668014  | 236.325 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 1587909  | 246.678 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 544151   | 50.217  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 490313   | 49.456  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.63 | 164  | 642506   | 47.799  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 1511141  | 48.707  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 529149   | 48.728  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.51 | 91   | 2627332  | 49.837  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 1992372  | 100.505 | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 967703   | 49.862  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 1613048  | 51.069  | ug/l   | 100      |
| 71) Bromoform                  | 12.13 | 173  | 387060   | 50.462  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 2517134  | 49.017  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 780388   | 50.892  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 568162   | 48.097  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 756954   | 75.244  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 675083   | 49.256  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 2894518  | 49.831  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 1715321  | 48.804  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 2027162  | 49.008  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 176468   | 51.610  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 1792025  | 49.723  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 1735765  | 47.828  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 2080037  | 49.360  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 2325591  | 48.590  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 2047973  | 49.421  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 1185718  | 49.127  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 1176596  | 49.143  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 1747288  | 50.292  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.88 | 117  | 313974   | 47.272  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 1111053  | 49.145  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 70252    | 49.032  | ug/l   | 97       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 14 Sample Multiplier: 28

Instrument :  
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ClientSampleId :  
VSTDCCC050EC

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Quant Title : SW846 8260  
QLast Update : Mon Jan 07 09:34:27 2019  
Response via : Initial Calibration

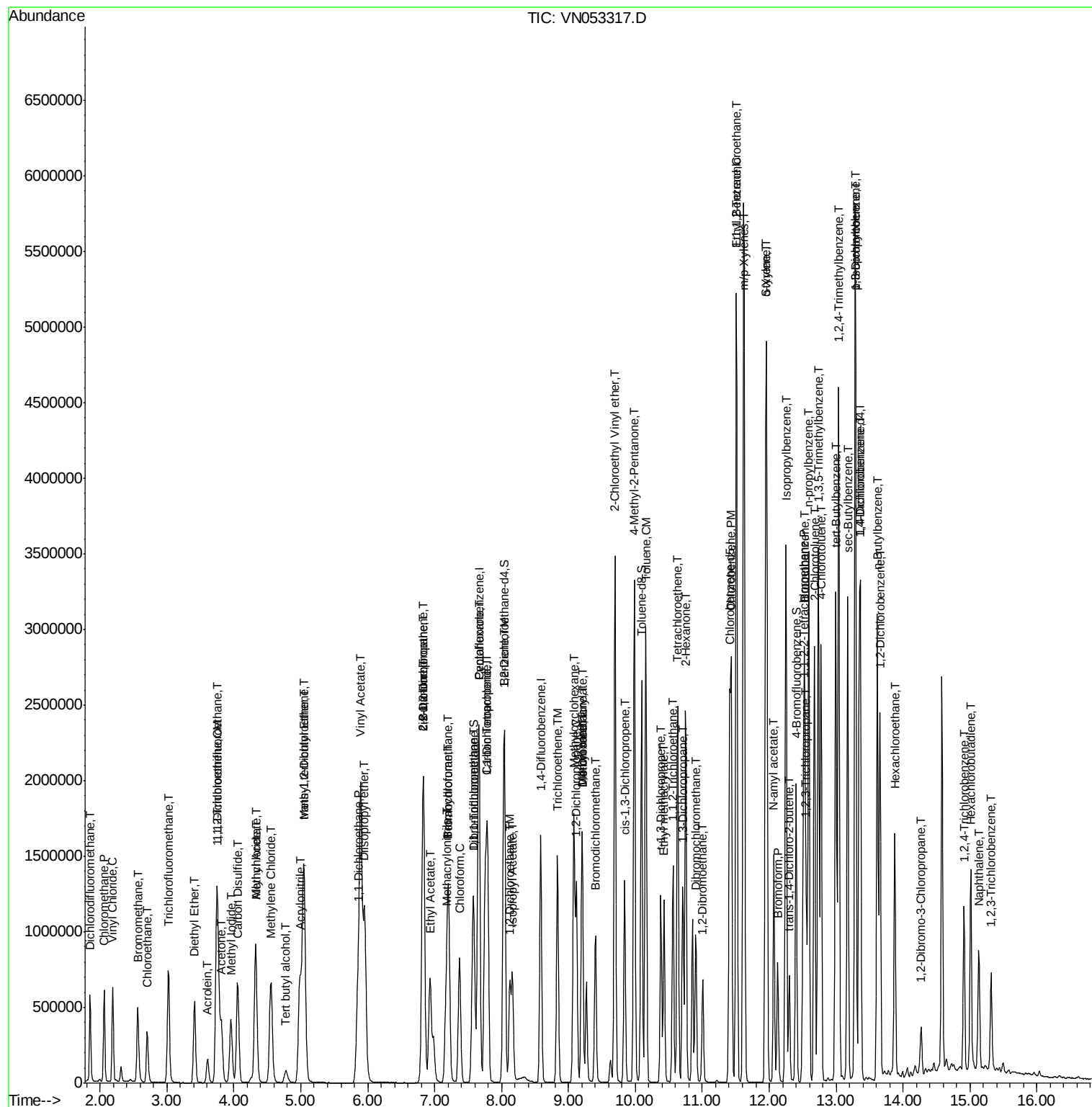
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 378666   | 53.269 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 275857   | 47.444 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 673925   | 55.574 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 249431   | 53.595 | ug/l  | 98       |

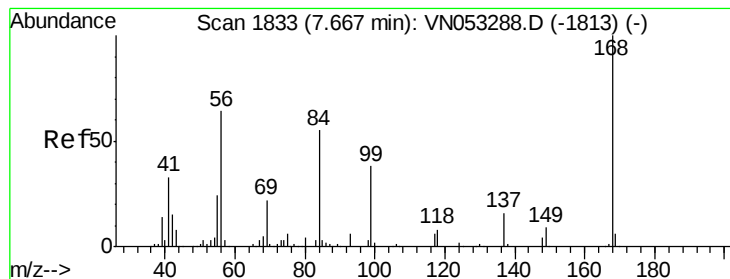
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

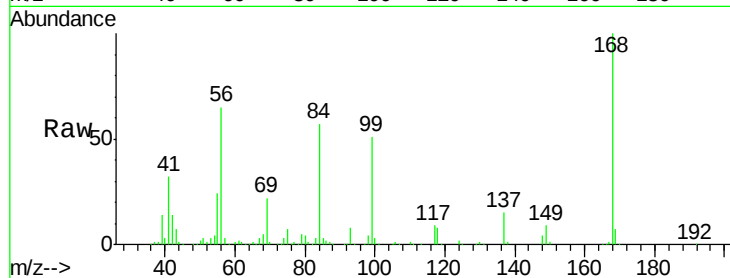
VSTDCCC050EC

Tot Ion:168 Resp: 1042585

Ion Ratio Lower Upper

168 100

99 50.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

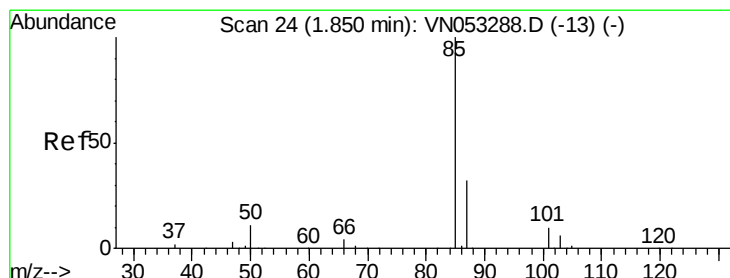
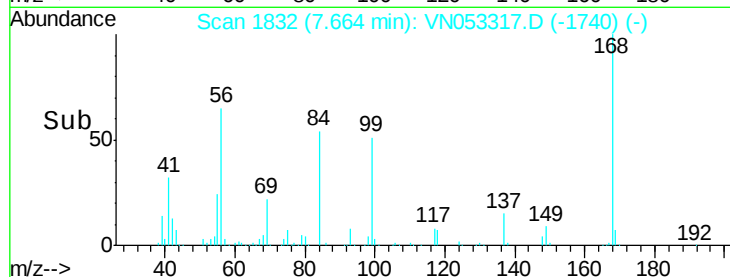
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.057 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053317.D

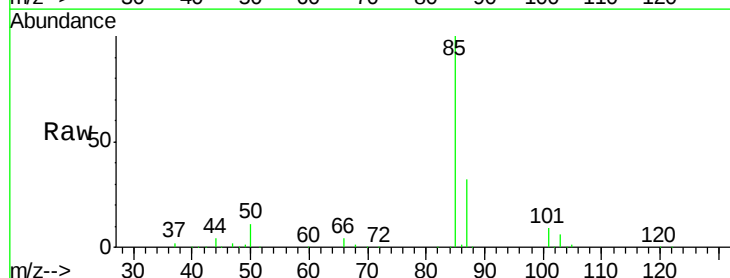
Acq: 8 Jan 2019 17:39

Tgt Ion: 85 Resp: 450909

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

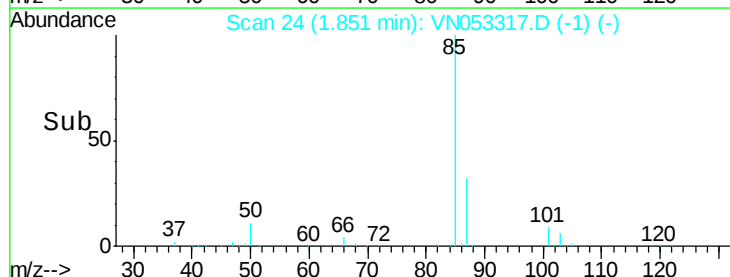
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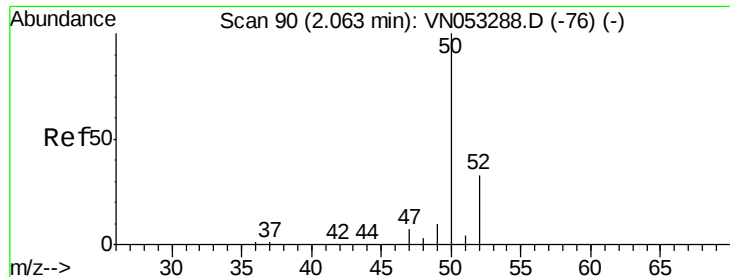
200000

100000

0

Time-->





#3

Chloromethane

Concen: 45.326 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

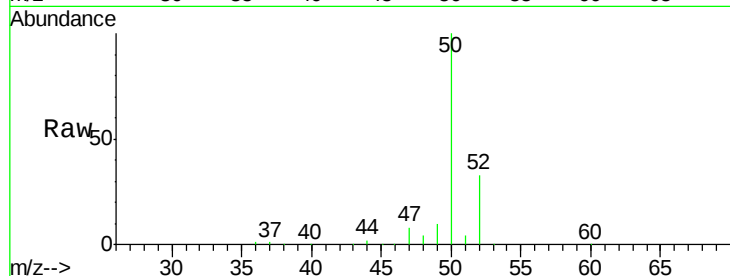
VSTDCCC050EC

Tot Ion: 50 Resp: 581788

Ion Ratio Lower Upper

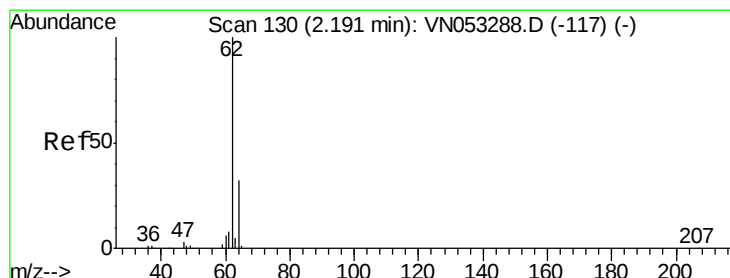
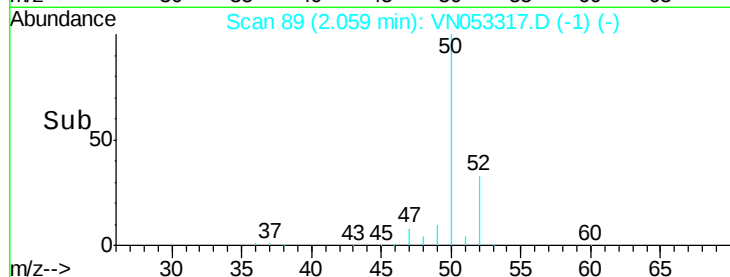
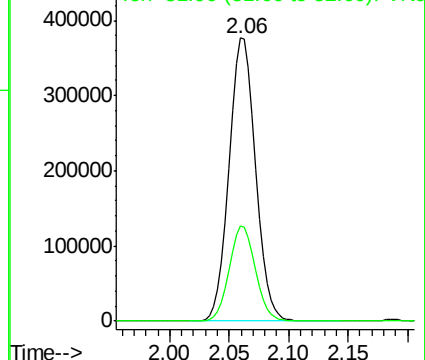
50 100

52 33.5 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 46.999 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053317.D

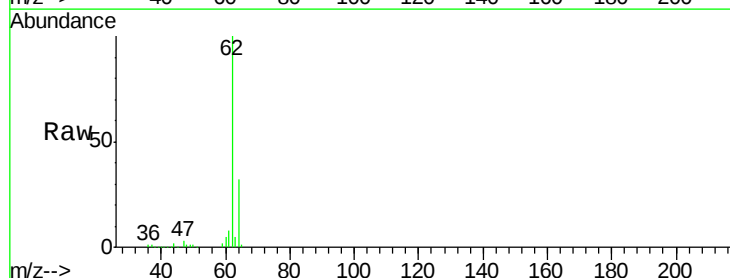
Acq: 8 Jan 2019 17:39

Tgt Ion: 62 Resp: 575790

Ion Ratio Lower Upper

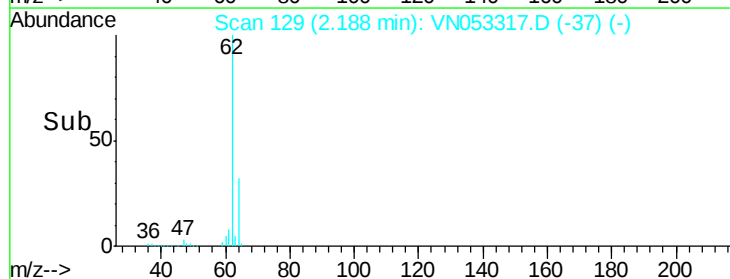
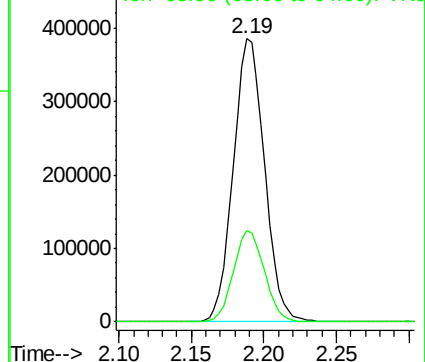
62 100

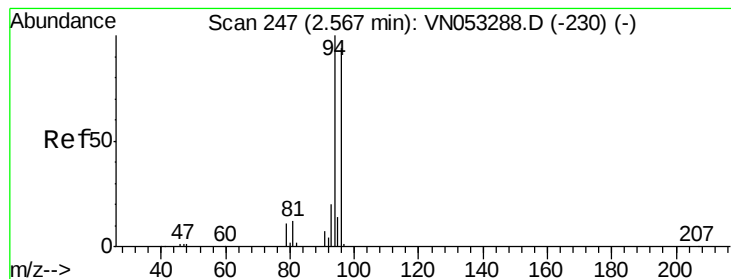
64 32.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 46.829 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.00 min

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Acq: 8 Jan 2019 17:39

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ClientSampleId :

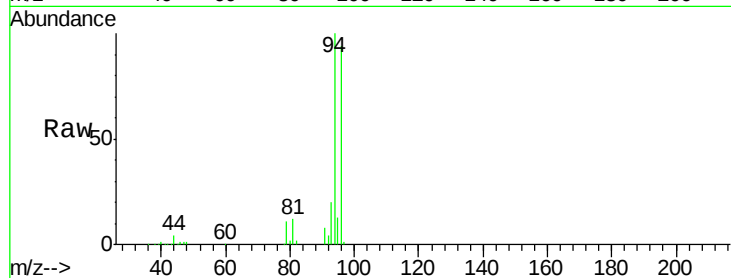
VSTDCCC050EC

Tot Ion: 94 Resp: 374886

Ion Ratio Lower Upper

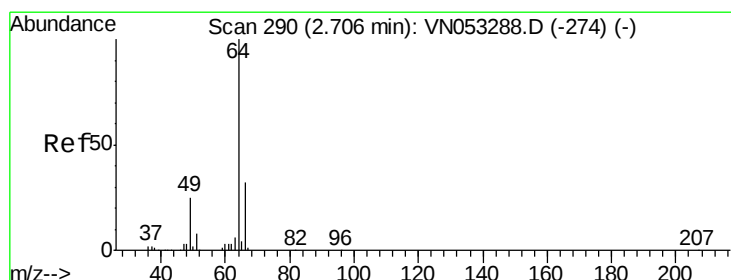
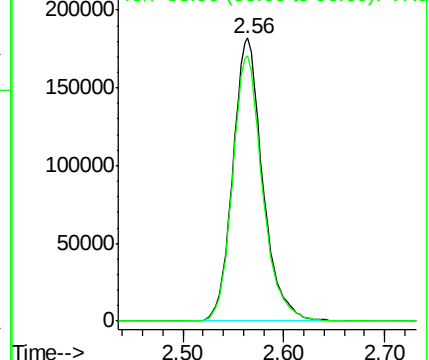
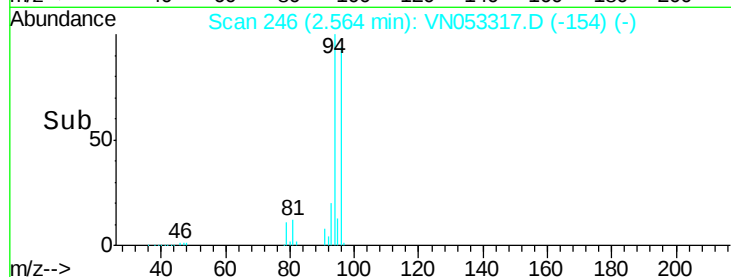
94 100

96 93.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN053317.D (-154) (-)

Ion 95.90 (95.60 to 96.60): VN053317.D (-154) (-)



#6

Chloroethane

Concen: 46.755 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN053317.D

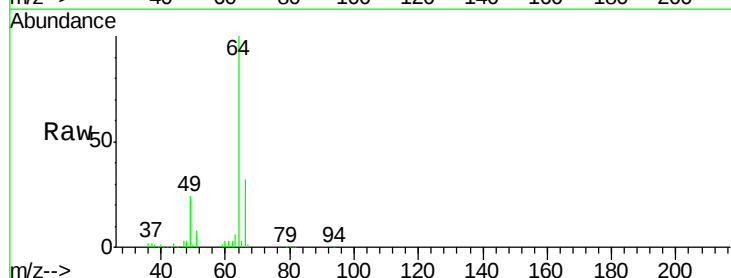
Acq: 8 Jan 2019 17:39

Tgt Ion: 64 Resp: 345734

Ion Ratio Lower Upper

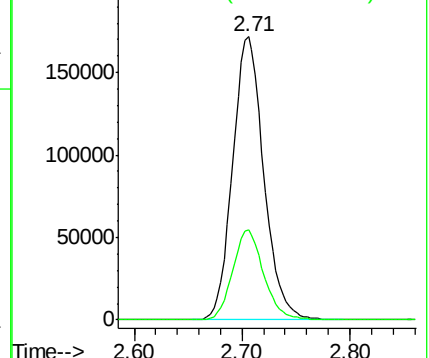
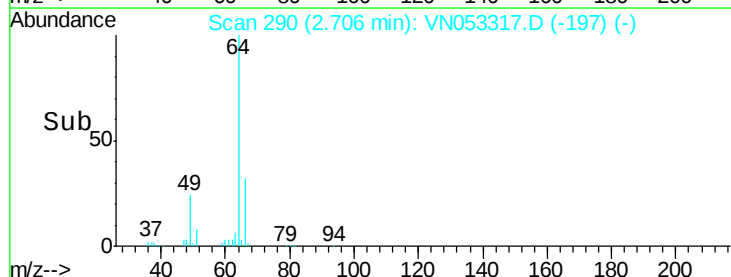
64 100

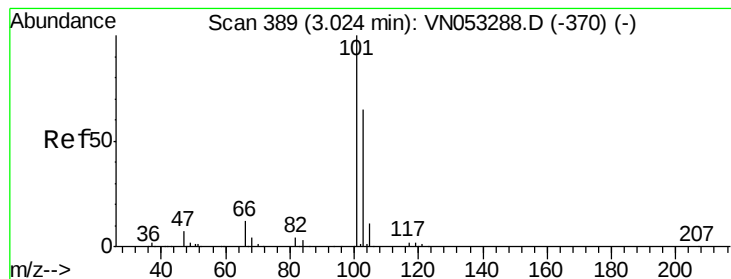
66 31.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN053317.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN053317.D (-197) (-)



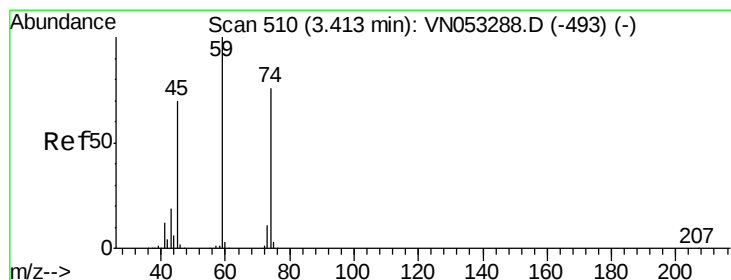
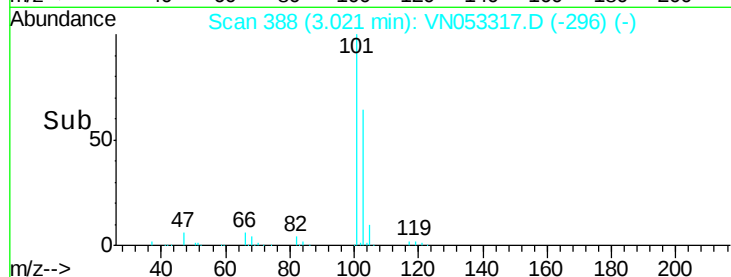
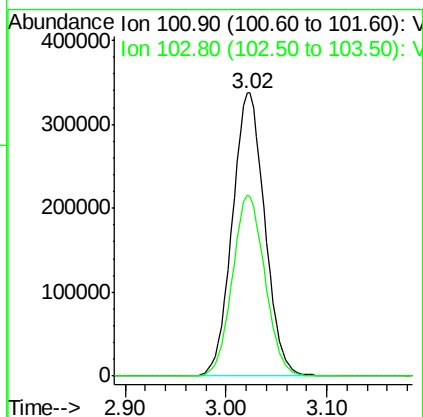
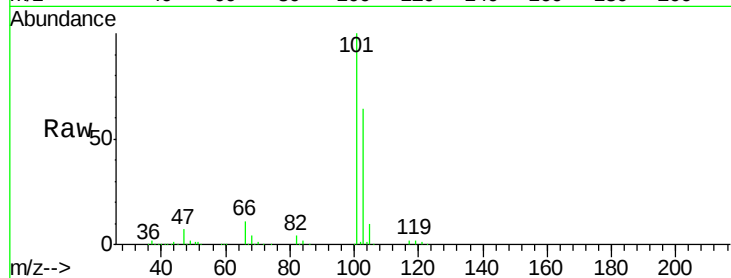


#7

Trichlorofluoromethane  
 Concen: 47.459 ug/l  
 RT: 3.02 min Scan# 388  
 Delta R.T. -0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

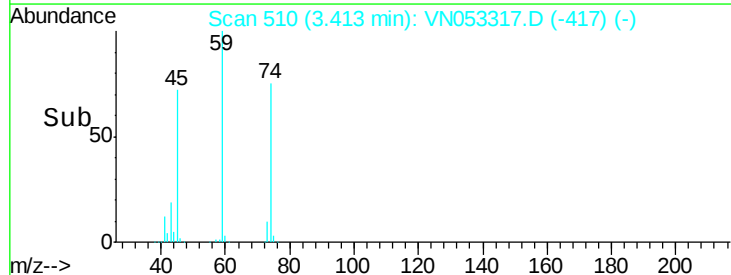
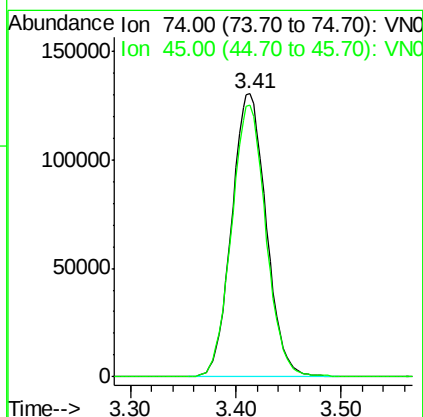
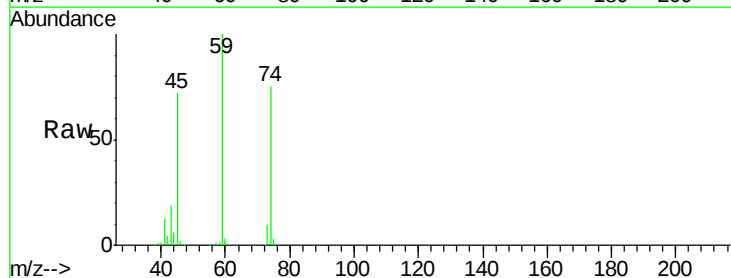
Tot Ion:101 Resp: 753113  
 Ion Ratio Lower Upper  
 101 100  
 103 63.9 52.1 78.1

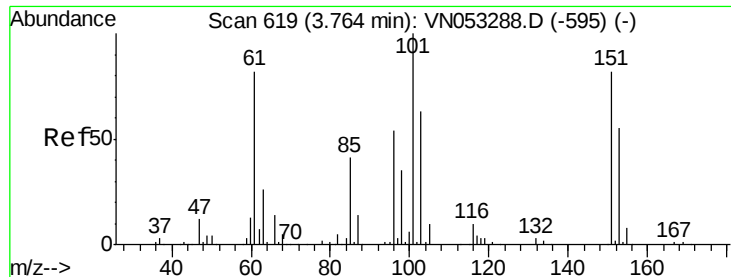


#8

Diethyl Ether  
 Concen: 47.552 ug/l  
 RT: 3.41 min Scan# 510  
 Delta R.T. 0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

Tgt Ion: 74 Resp: 295761  
 Ion Ratio Lower Upper  
 74 100  
 45 95.7 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.469 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

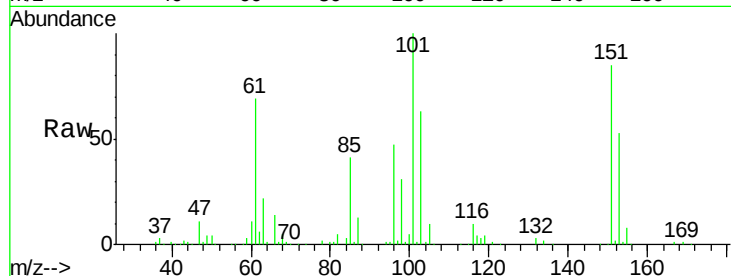
Tot Ion:101 Resp: 487460

Ion Ratio Lower Upper

101 100

85 41.1 33.3 49.9

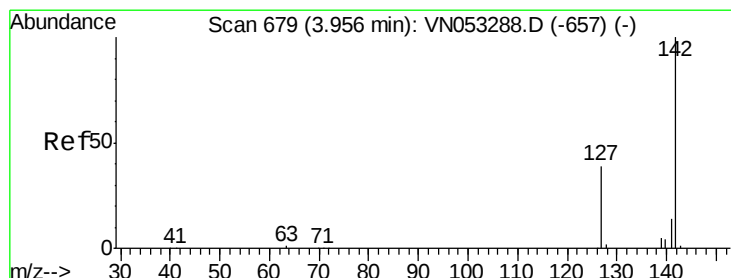
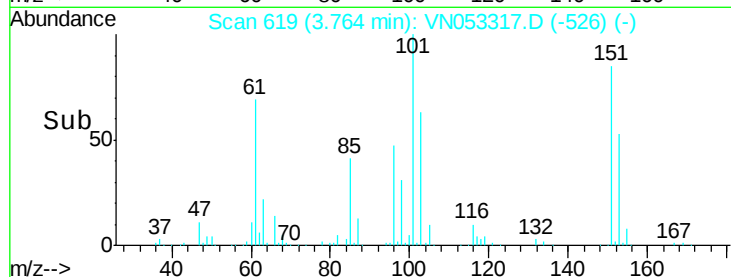
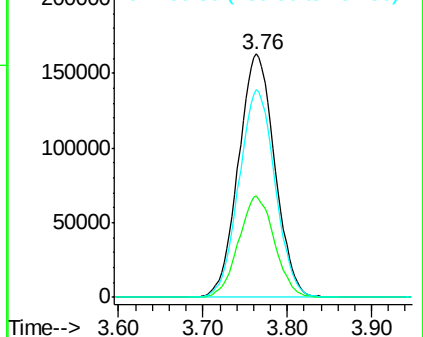
151 84.9 67.0 100.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.226 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

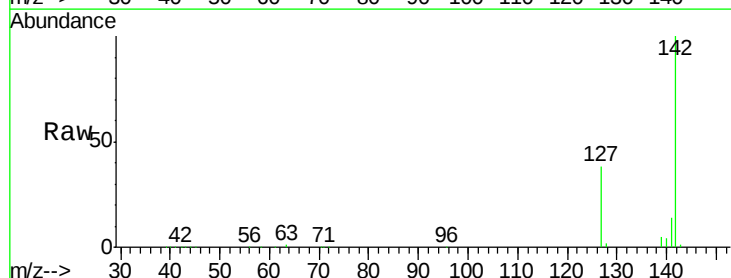
Tgt Ion:142 Resp: 708062

Ion Ratio Lower Upper

142 100

127 38.1 30.9 46.3

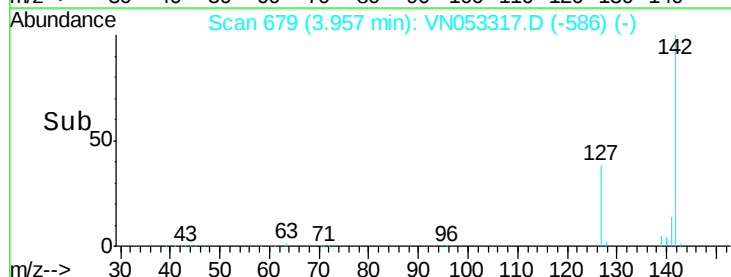
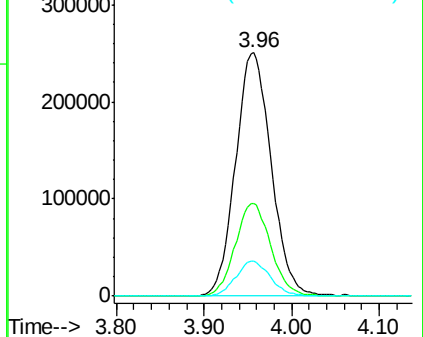
141 14.0 11.2 16.8

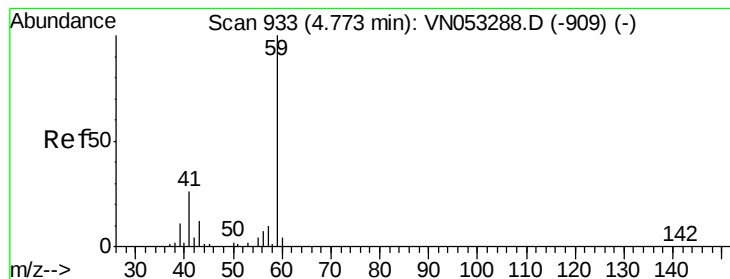


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



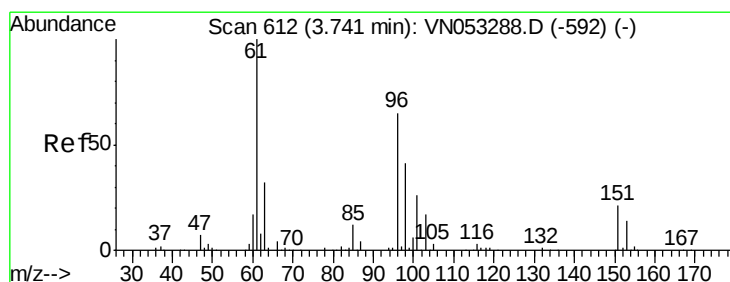
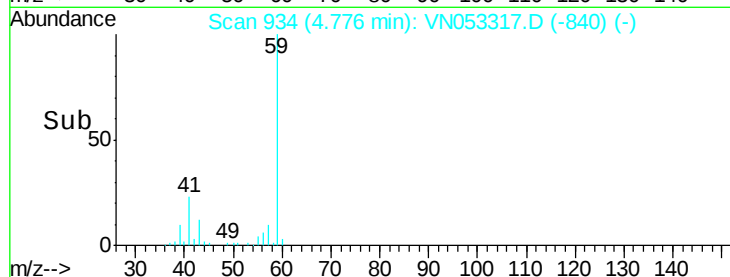
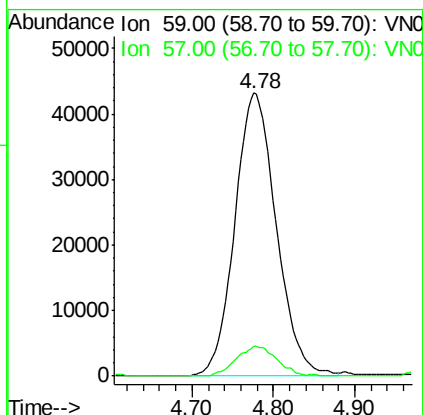
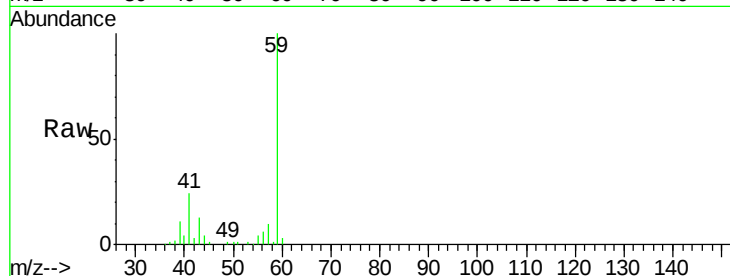


#11

Tert butyl alcohol  
 Concen: 233.179 ug/l  
 RT: 4.78 min Scan# 934  
 Delta R.T. 0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

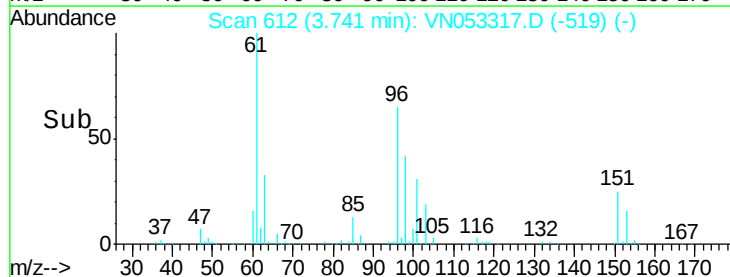
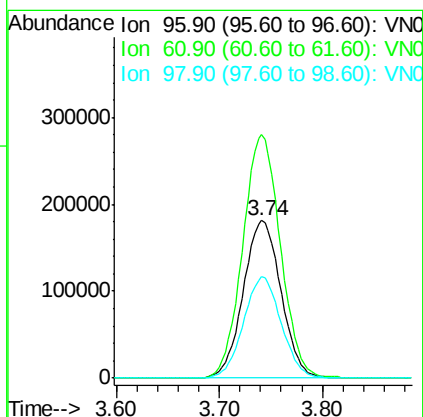
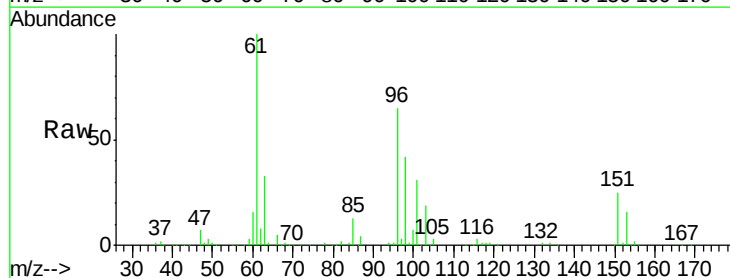
Tot Ion: 59 Resp: 152128  
 Ion Ratio Lower Upper  
 59 100  
 57 10.3 8.0 12.0

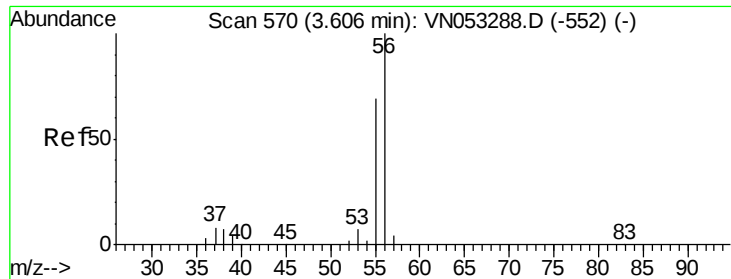


#12

1,1-Dichloroethene  
 Concen: 47.474 ug/l  
 RT: 3.74 min Scan# 612  
 Delta R.T. 0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

Tgt Ion: 96 Resp: 461829  
 Ion Ratio Lower Upper  
 96 100  
 61 154.3 123.2 184.8  
 98 64.2 50.5 75.7





#13

Acrolein

Concen: 224.806 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

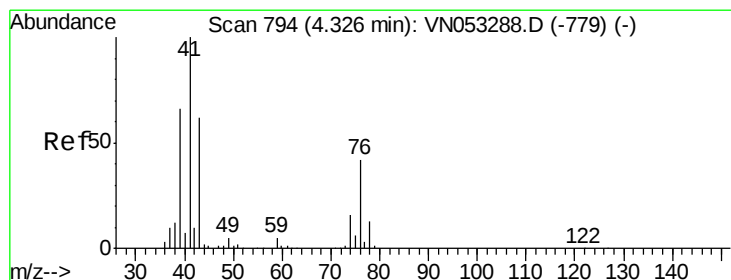
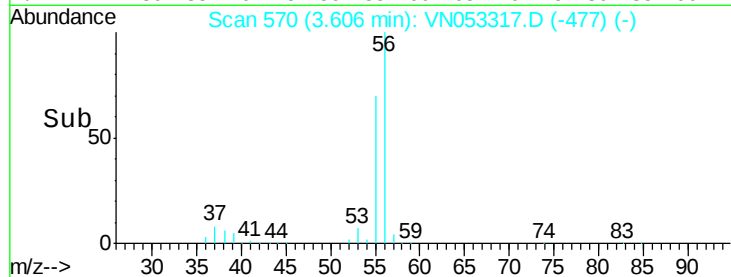
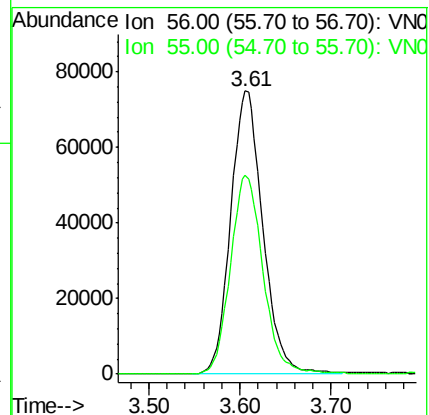
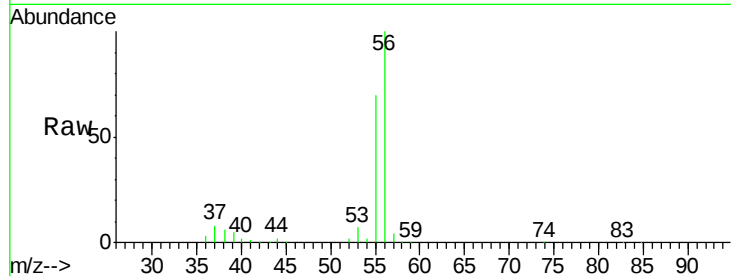
VSTDCCC050EC

Tot Ion: 56 Resp: 184407

Ion Ratio Lower Upper

56 100

55 71.3 56.3 84.5



#14

Allyl chloride

Concen: 45.669 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

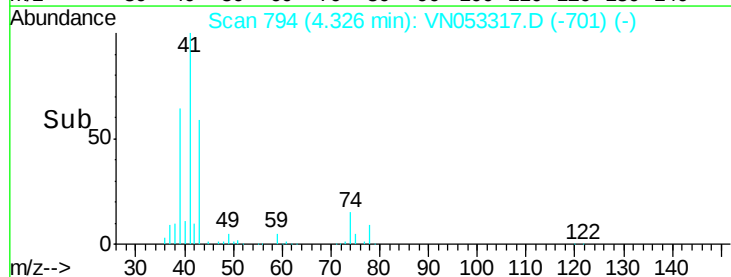
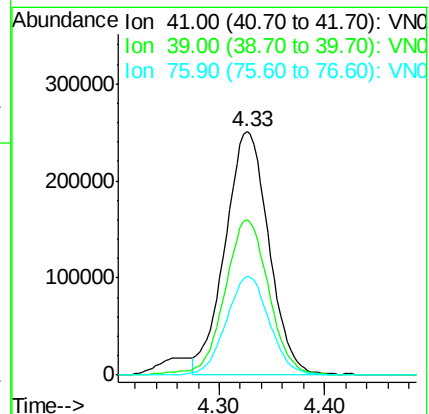
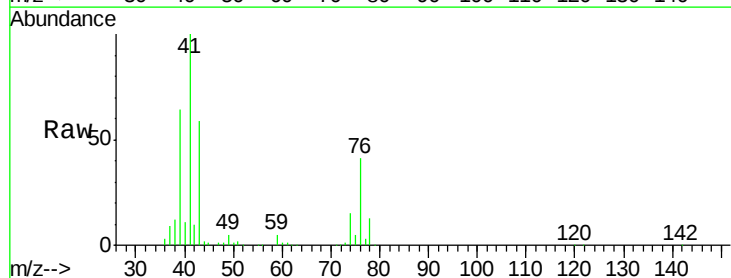
Tgt Ion: 41 Resp: 716052

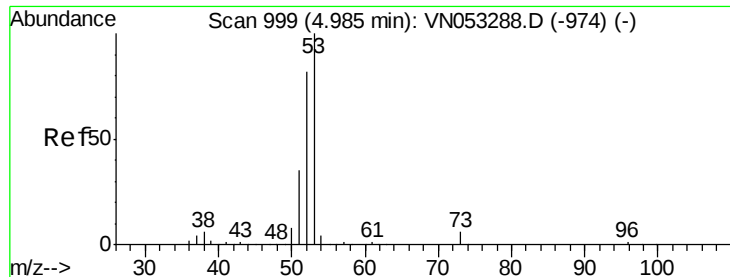
Ion Ratio Lower Upper

41 100

39 65.0 51.9 77.9

76 40.0 31.2 46.8





#15

Acrylonitrile

Concen: 234.874 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

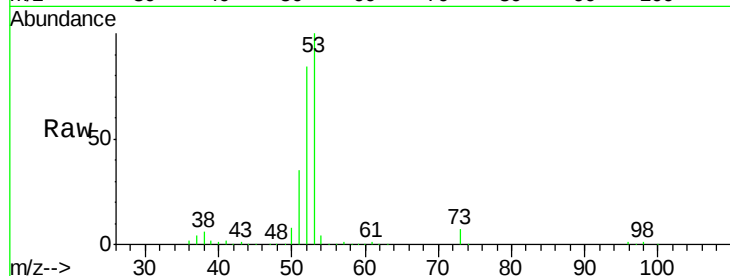
Tot Ion: 53 Resp: 914742

Ion Ratio Lower Upper

53 100

52 82.4 65.2 97.8

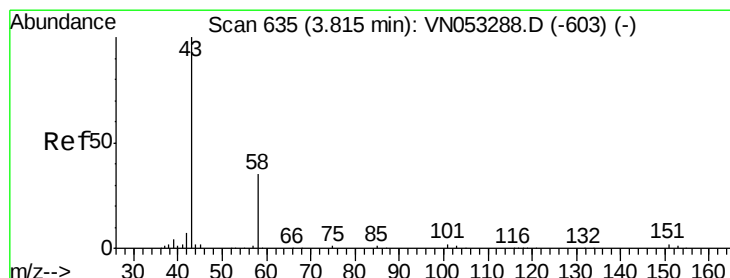
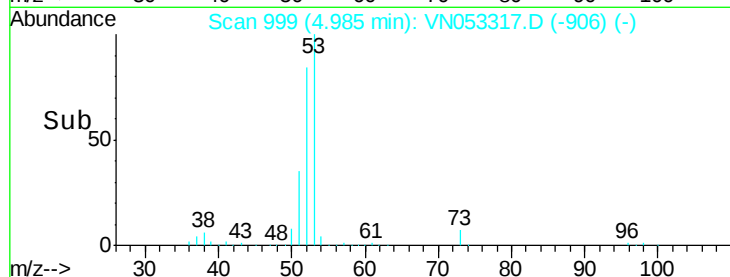
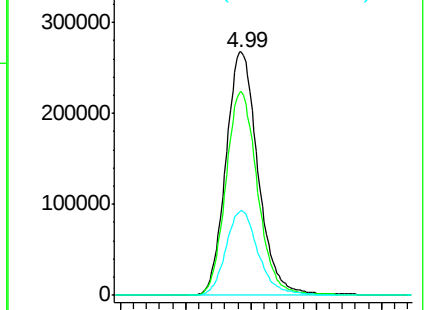
51 35.2 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 231.114 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053317.D

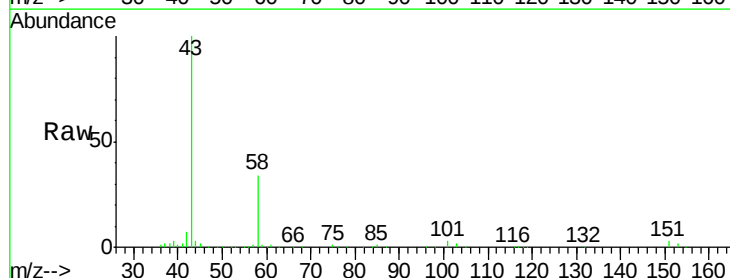
Acq: 8 Jan 2019 17:39

Tgt Ion: 43 Resp: 603765

Ion Ratio Lower Upper

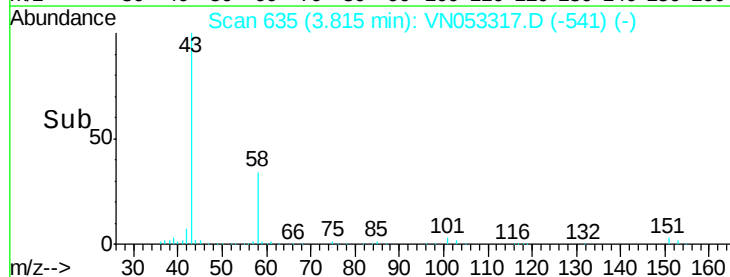
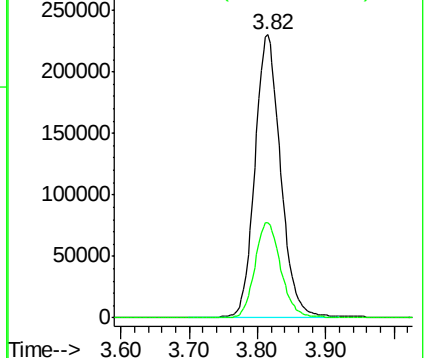
43 100

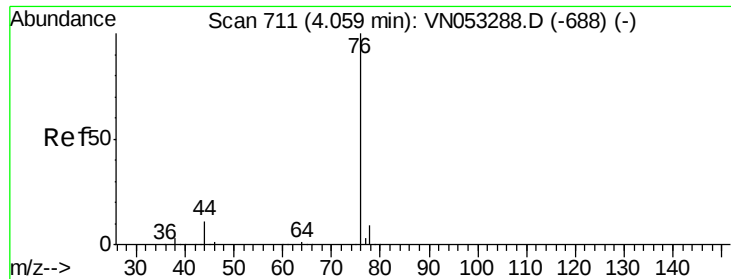
58 33.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

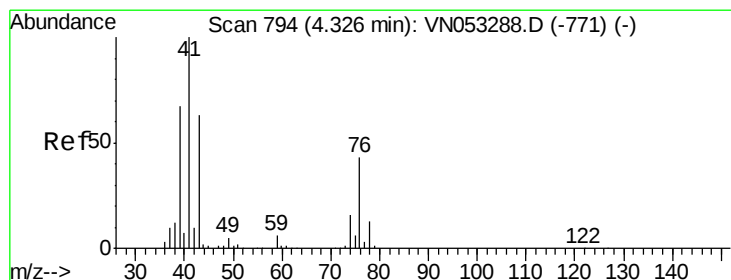
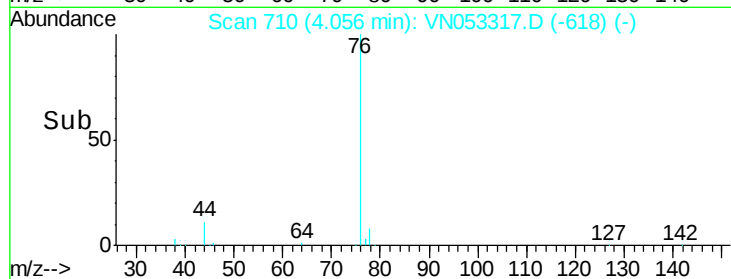
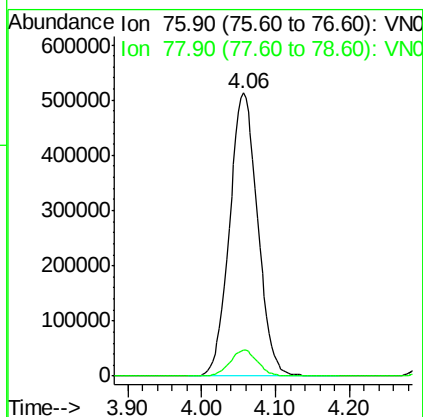
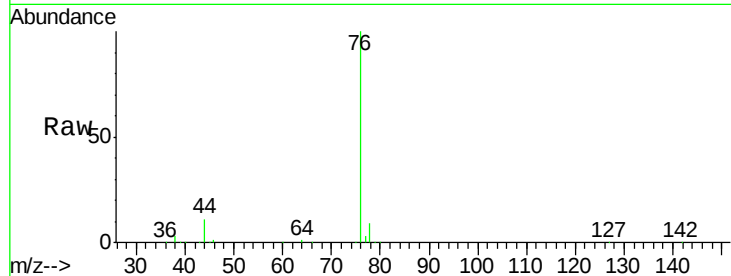




#17  
Carbon Disulfide  
Concen: 45.483 ug/l  
RT: 4.06 min Scan# 710  
Delta R.T. -0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

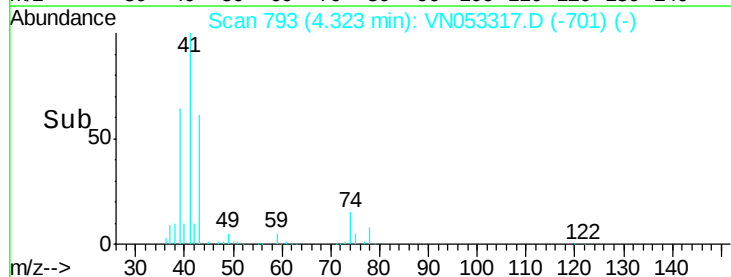
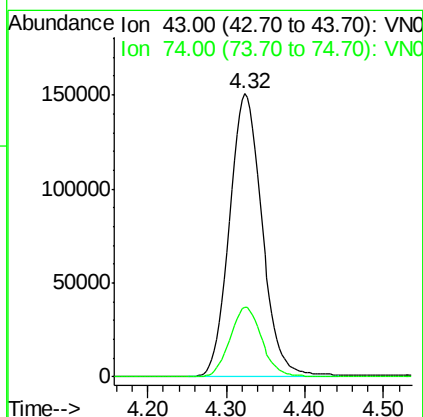
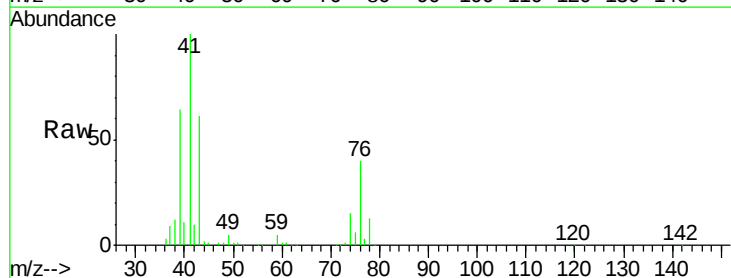
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

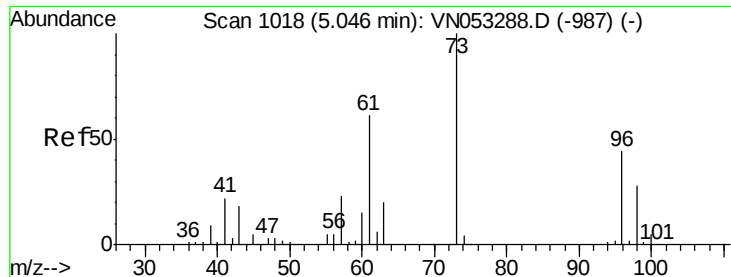
Tot Ion: 76 Resp: 1364110  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.2 10.8



#18  
Methyl Acetate  
Concen: 44.218 ug/l  
RT: 4.32 min Scan# 793  
Delta R.T. -0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion: 43 Resp: 434081  
Ion Ratio Lower Upper  
43 100  
74 24.2 19.8 29.8

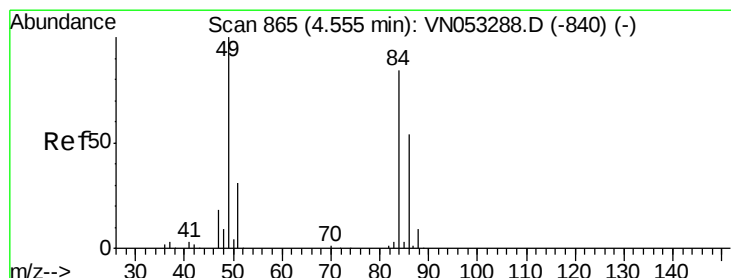
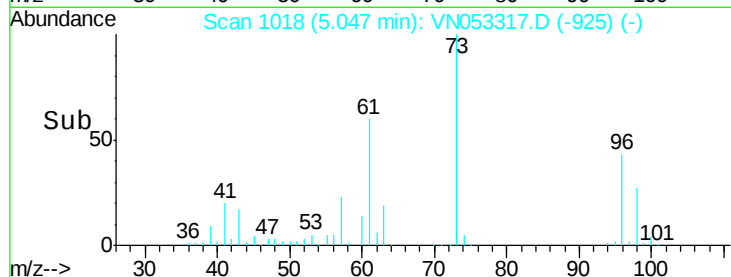
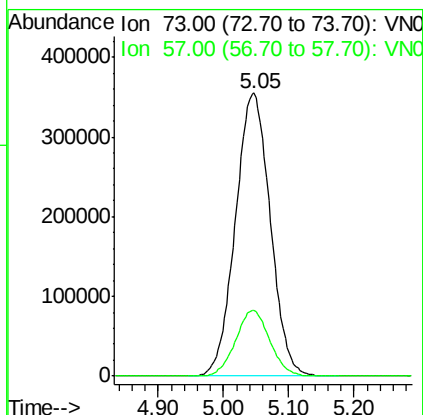
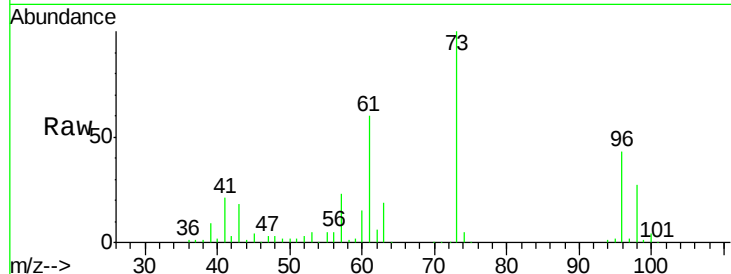




#19  
Methvl tert-butvl Ether  
Concen: 48.223 ug/l  
RT: 5.05 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

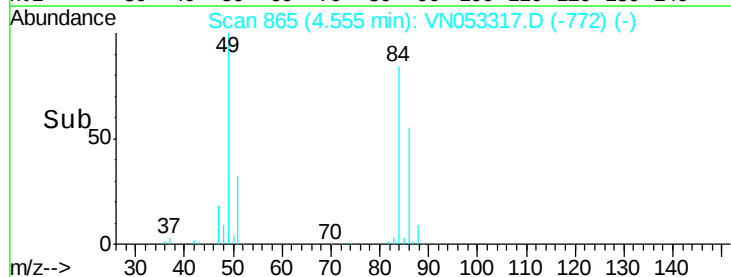
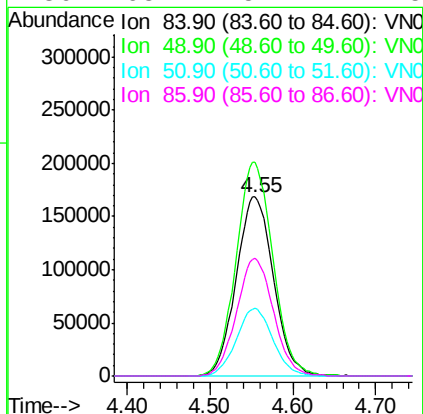
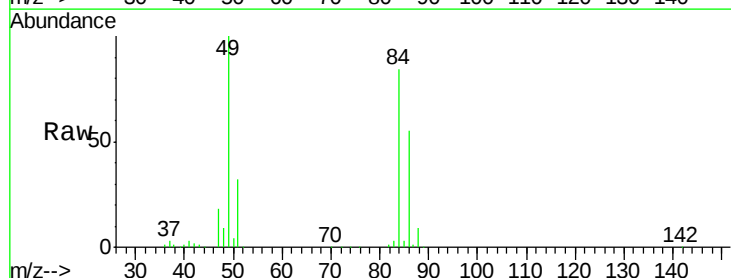
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

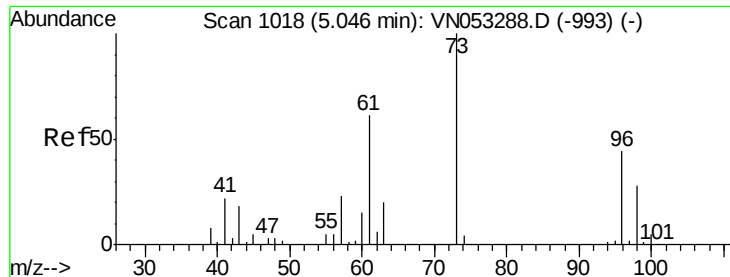
Tot Ion: 73 Resp: 1316596  
Ion Ratio Lower Upper  
73 100  
57 23.1 18.5 27.7



#20  
Methylene Chloride  
Concen: 45.137 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion: 84 Resp: 525838  
Ion Ratio Lower Upper  
84 100  
49 119.2 95.3 142.9  
51 37.6 29.0 43.6  
86 65.7 51.7 77.5

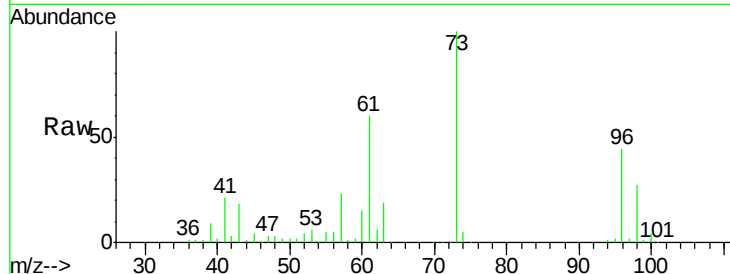




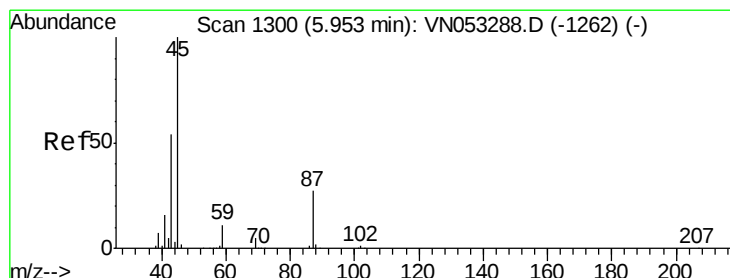
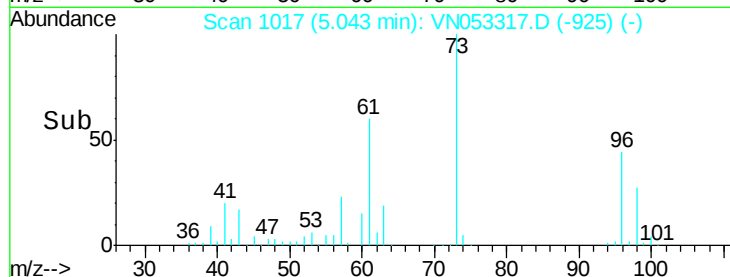
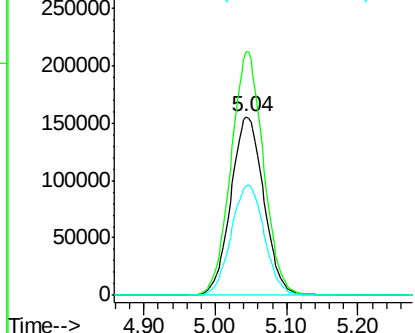
#21  
trans-1,2-Dichloroethene  
Concen: 47.862 ug/l  
RT: 5.04 min Scan# 1017  
Delta R.T. -0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 96 Resp: 499926  
Ion Ratio Lower Upper  
96 100  
61 136.4 110.2 165.4  
98 61.2 50.7 76.1

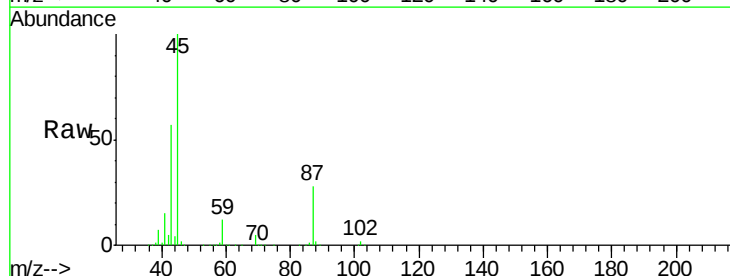


Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0

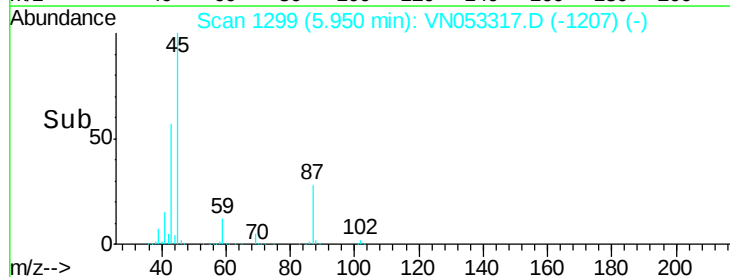
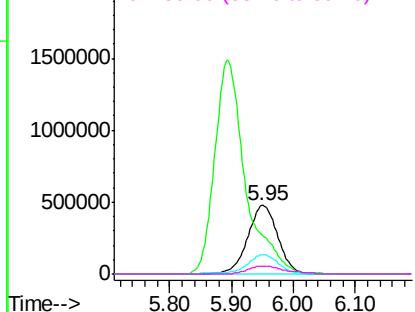


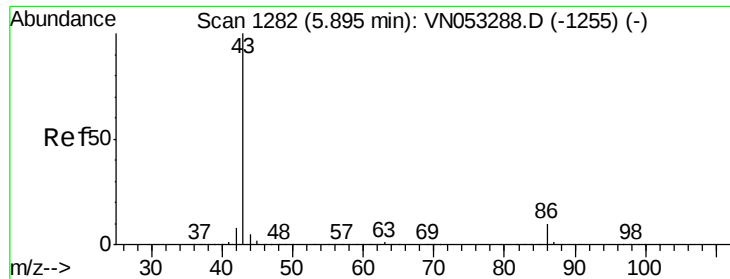
#22  
Diisopropyl ether  
Concen: 47.617 ug/l  
RT: 5.95 min Scan# 1299  
Delta R.T. -0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion: 45 Resp: 1608360  
Ion Ratio Lower Upper  
45 100  
43 56.1 43.0 64.6  
87 28.2 22.1 33.1  
59 12.0 9.0 13.4



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: 241.863 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

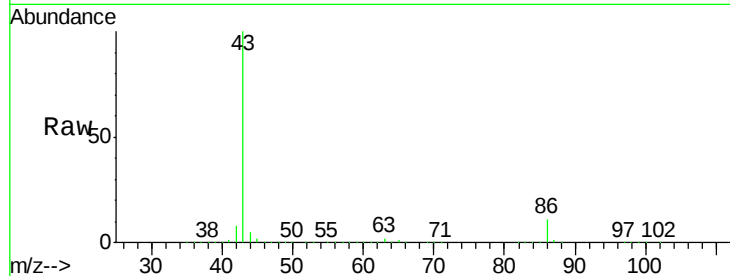
VSTDCCC050EC

Tot Ion: 43 Resp: 5140334

Ion Ratio Lower Upper

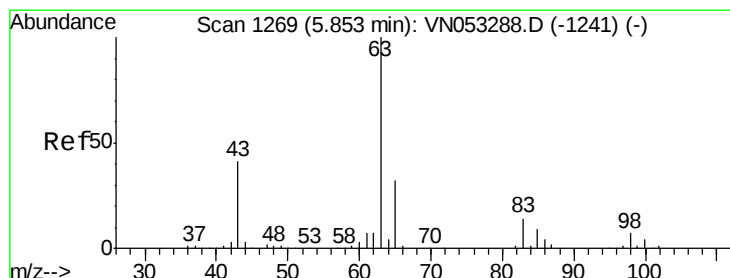
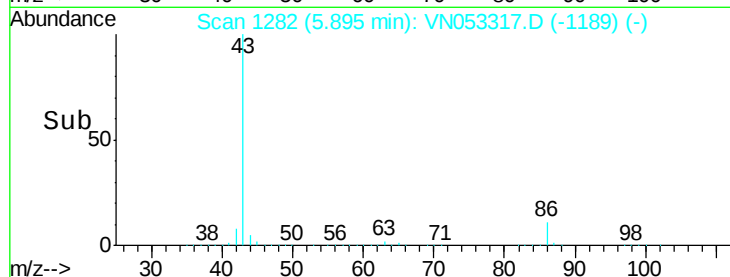
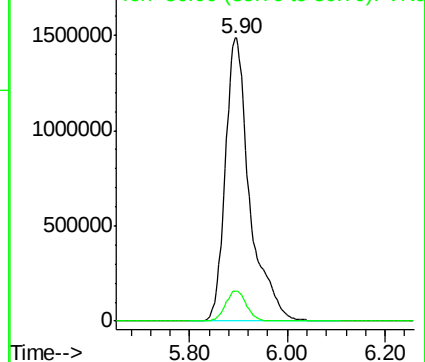
43 100

86 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.263 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

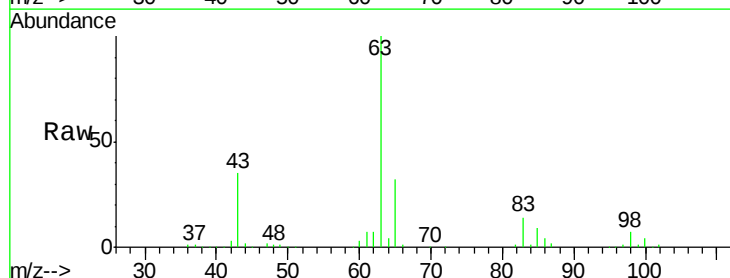
Tgt Ion: 63 Resp: 920738

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

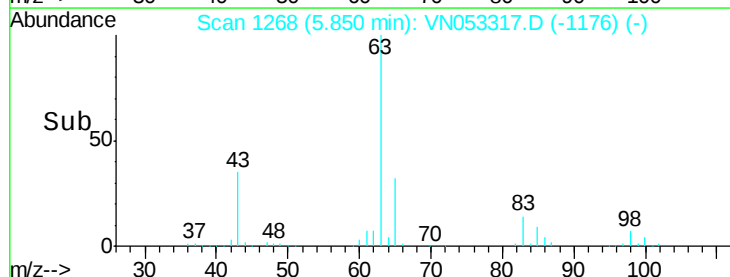
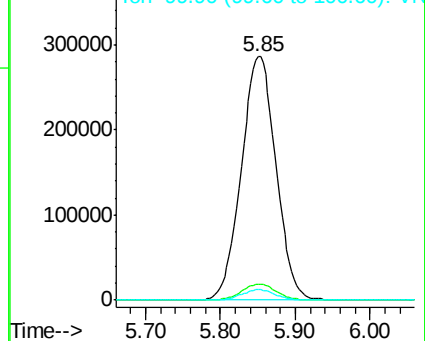
100 4.3 2.1 6.5

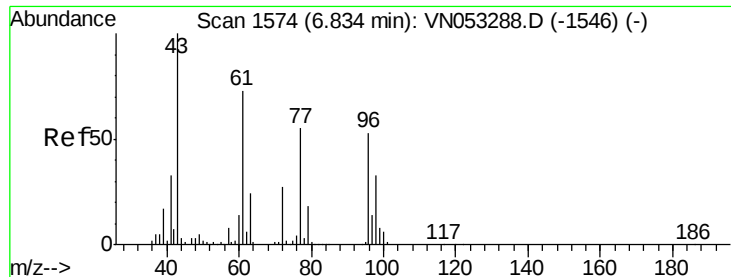


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 229.484 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

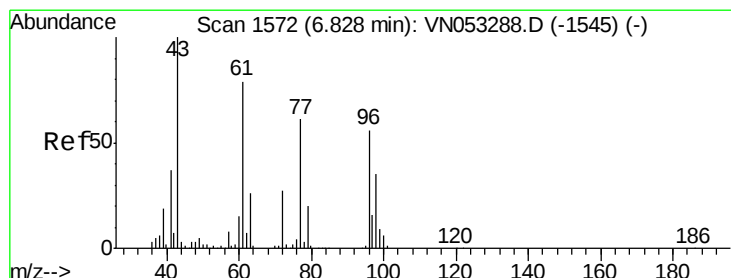
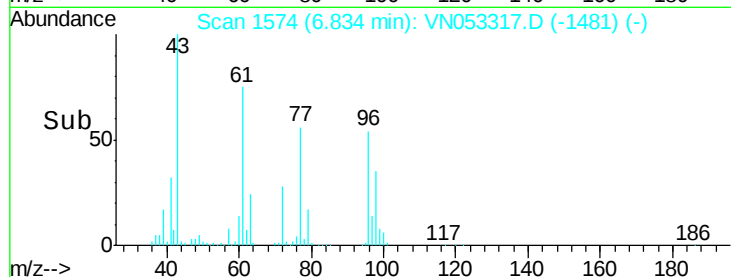
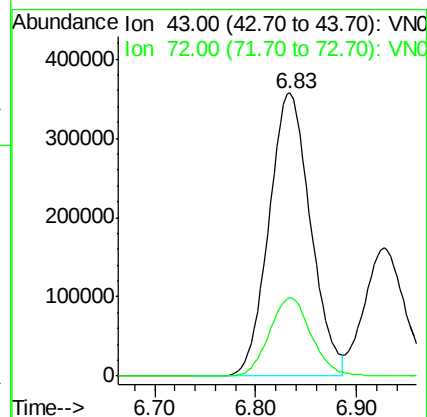
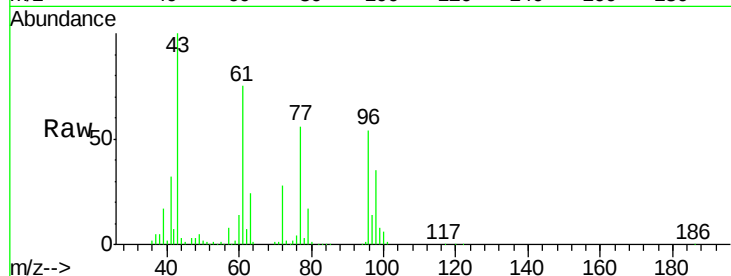
VSTDCCC050EC

Tot Ion: 43 Resp: 1021206

Ion Ratio Lower Upper

43 100

72 27.6 22.0 33.0



#26

2,2-Dichloropropane

Concen: 47.559 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN053317.D

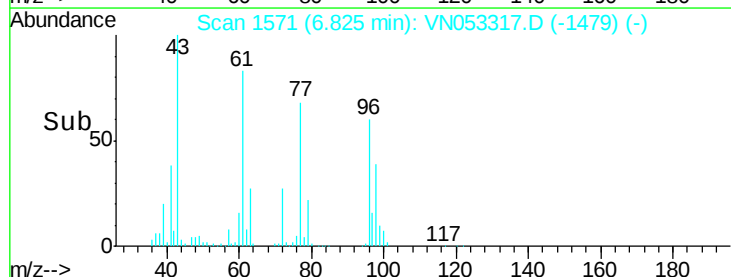
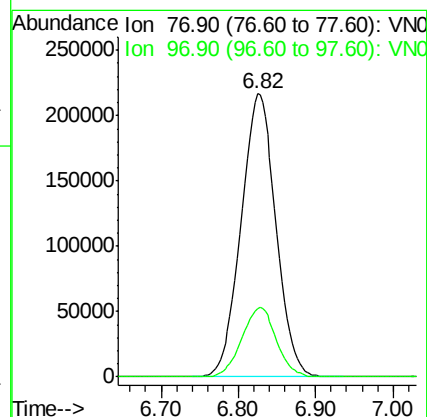
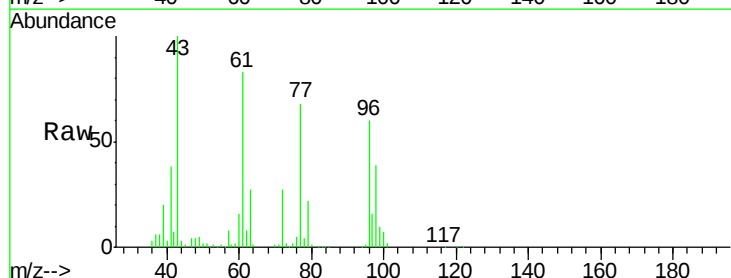
Acq: 8 Jan 2019 17:39

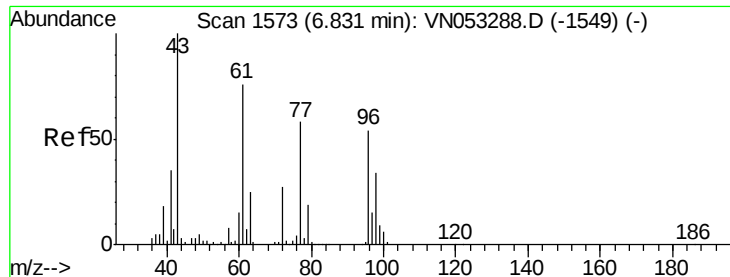
Tgt Ion: 77 Resp: 677268

Ion Ratio Lower Upper

77 100

97 24.4 12.3 36.9

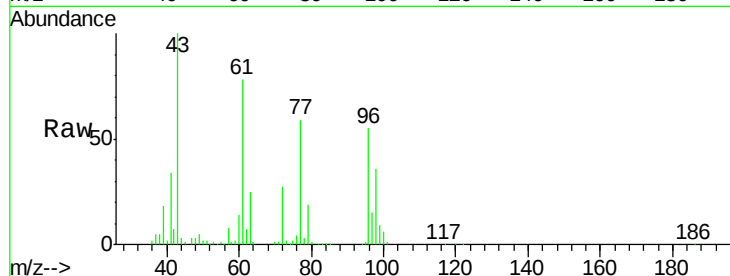




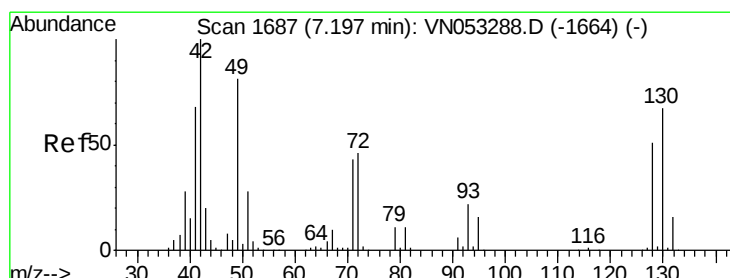
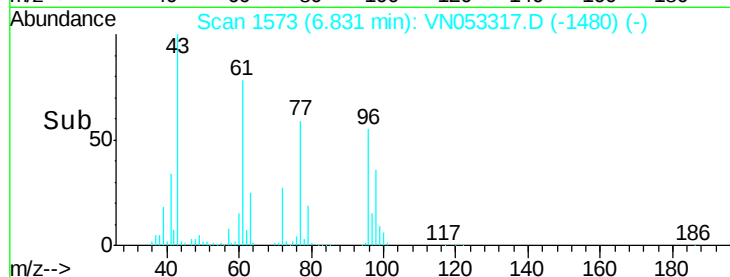
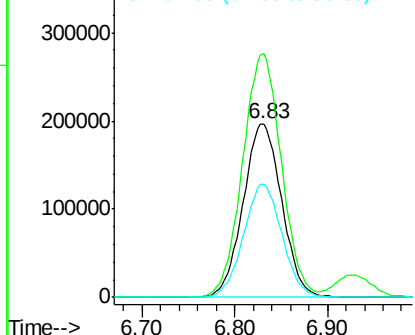
#27  
 cis-1,2-Dichloroethene  
 Concen: 47.691 ug/l  
 RT: 6.83 min Scan# 1573  
 Delta R.T. 0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 96 Resp: 568858  
 Ion Ratio Lower Upper  
 96 100  
 61 141.2 0.0 280.6  
 98 65.1 0.0 127.6

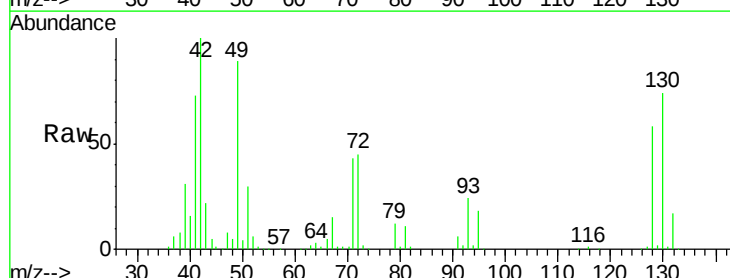


Abundance Ion 95.90 (95.60 to 96.60): VN0  
 Ion 60.90 (60.60 to 61.60): VN0  
 Ion 97.90 (97.60 to 98.60): VN0

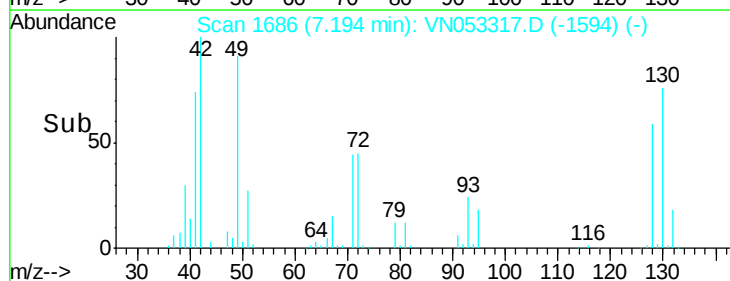
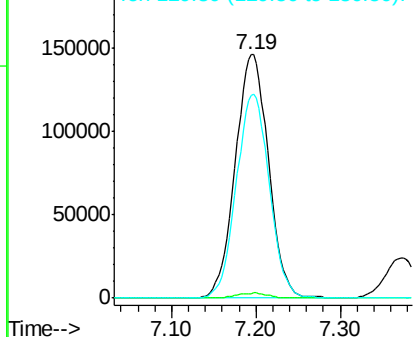


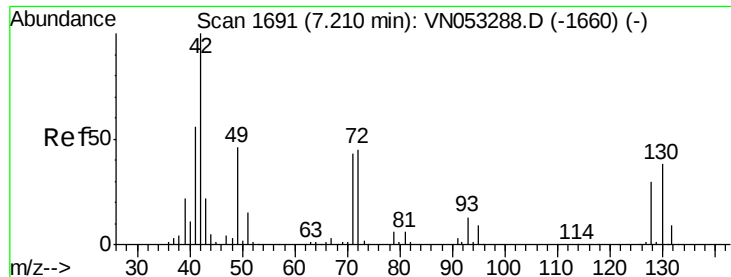
#28  
 Bromochloromethane  
 Concen: 48.176 ug/l  
 RT: 7.19 min Scan# 1686  
 Delta R.T. -0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

Tgt Ion: 49 Resp: 399944  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 3.8  
 130 83.3 65.4 98.0



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

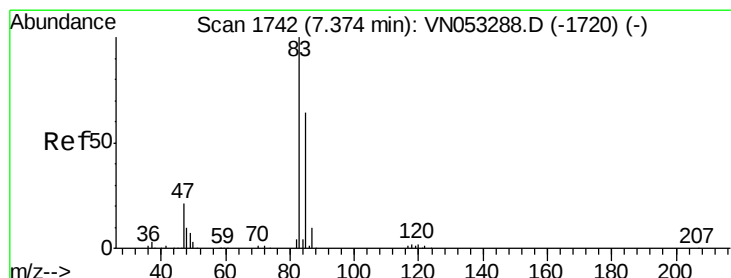
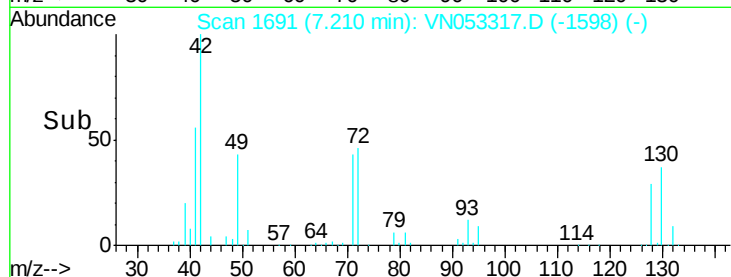
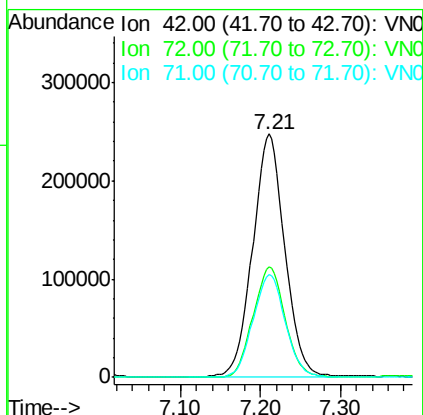
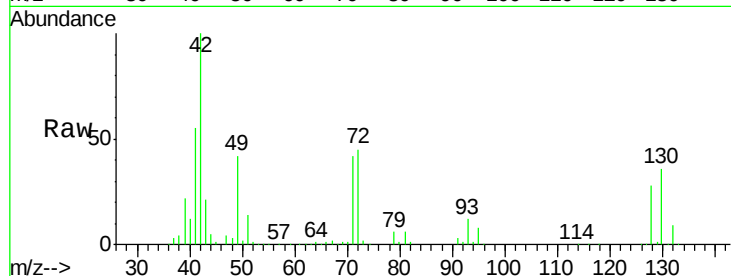




#29  
Tetrahydrofuran  
Concen: 232.180 ug/l  
RT: 7.21 min Scan# 1691  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

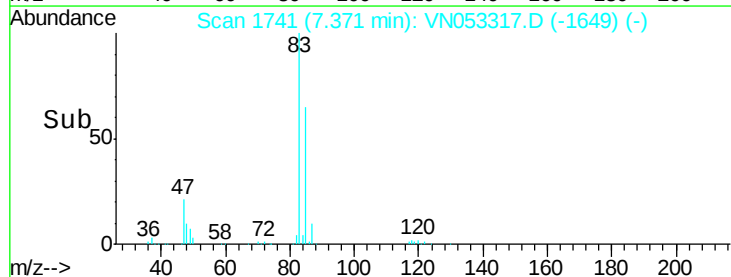
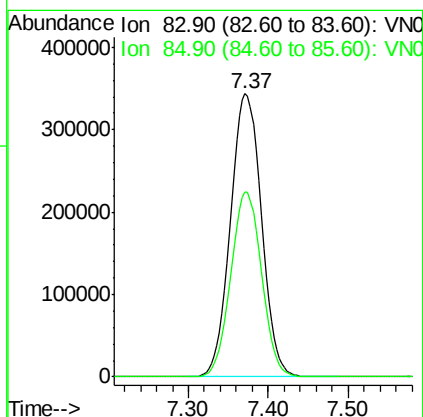
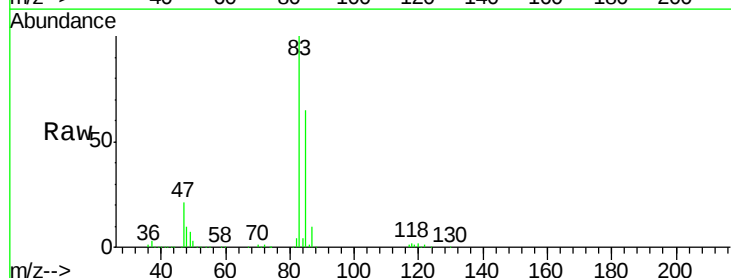
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

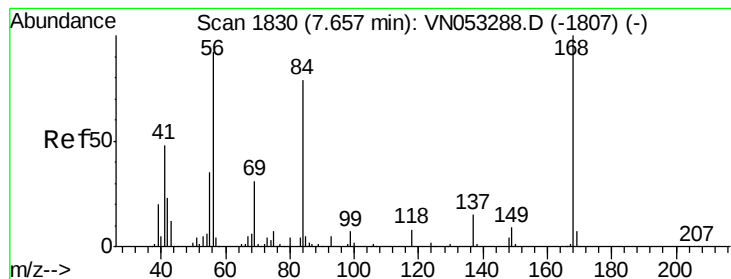
Tot Ion: 42 Resp: 681820  
Ion Ratio Lower Upper  
42 100  
72 45.1 35.6 53.4  
71 42.4 33.8 50.8



#30  
Chloroform  
Concen: 47.107 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion: 83 Resp: 903266  
Ion Ratio Lower Upper  
83 100  
85 65.4 51.3 76.9





#31

Cyclohexane

Concen: 46.141 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

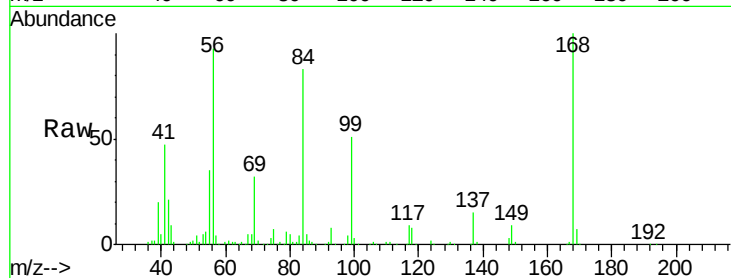
Tot Ion: 56 Resp: 854462

Ion Ratio Lower Upper

56 100

69 34.0 26.7 40.1

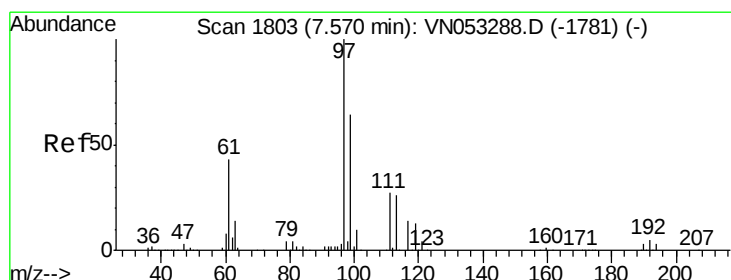
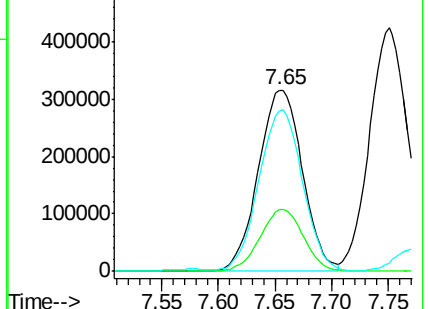
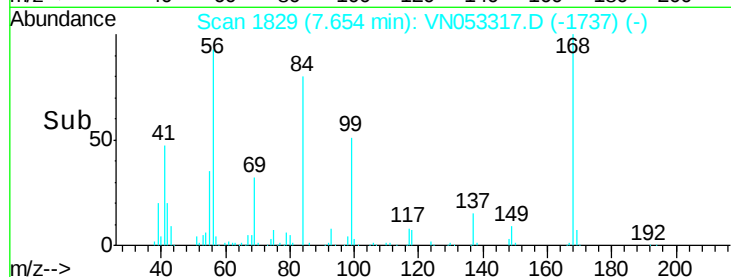
84 87.2 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VN053317.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN053317.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN053317.D (-1737) (-)



#32

1,1,1-Trichloroethane

Concen: 47.562 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

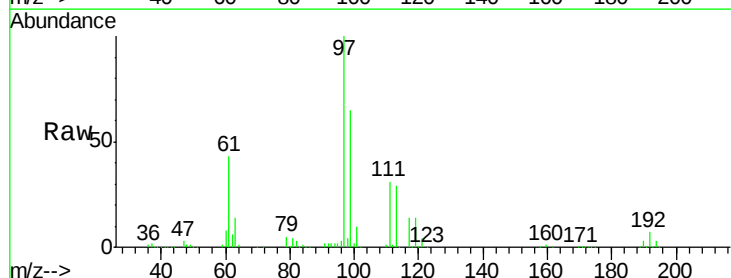
Tgt Ion: 97 Resp: 759963

Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

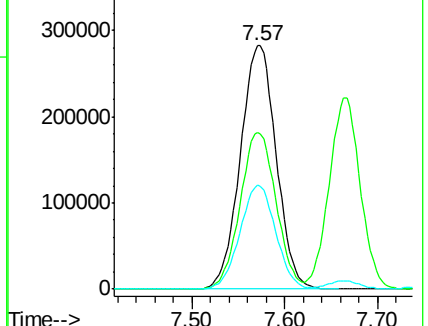
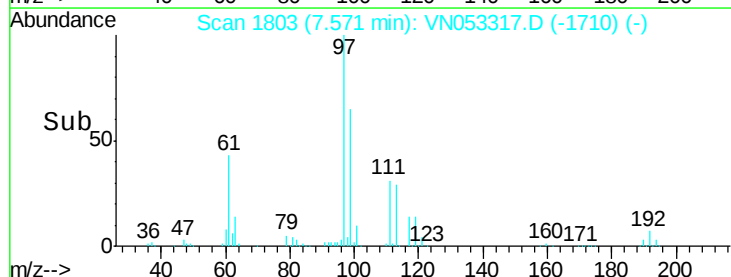
61 42.5 34.6 52.0

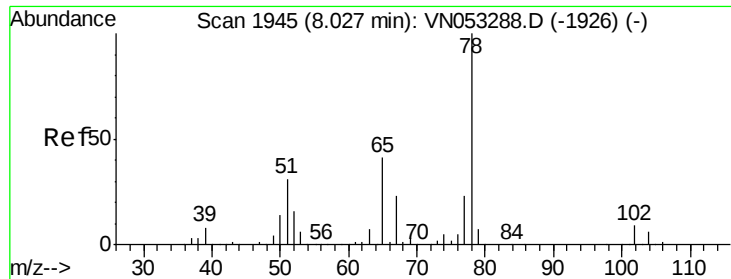


Abundance Ion 96.90 (96.60 to 97.60): VN053317.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN053317.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN053317.D (-1710) (-)

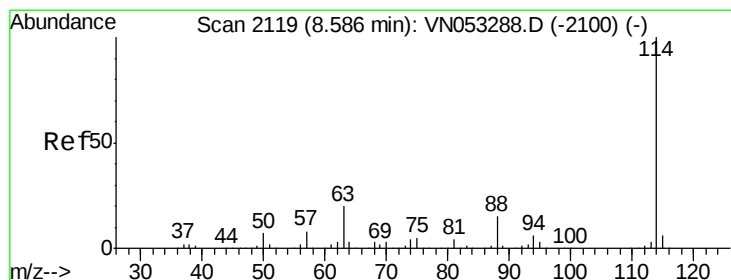
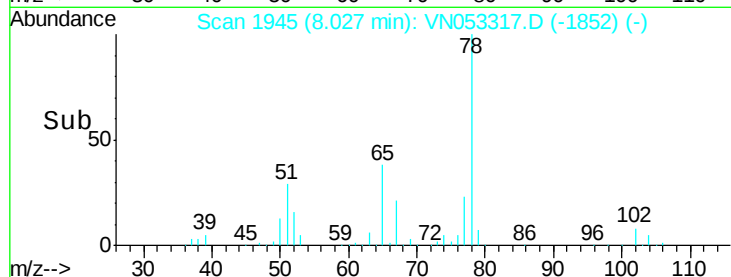
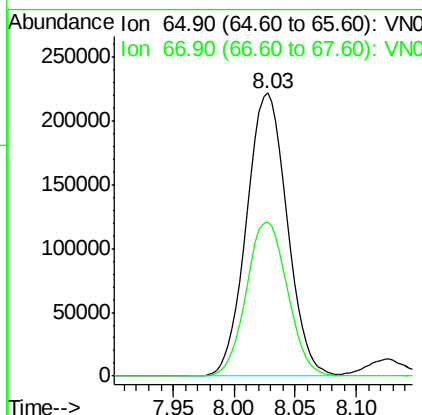
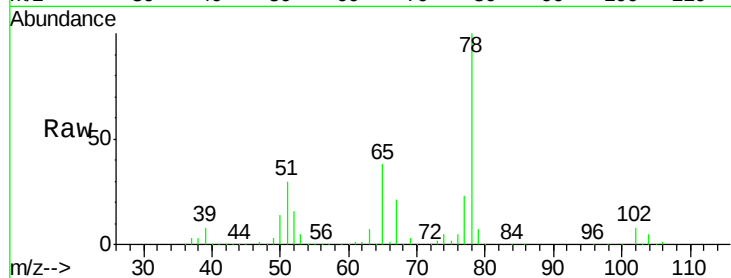




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.562 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

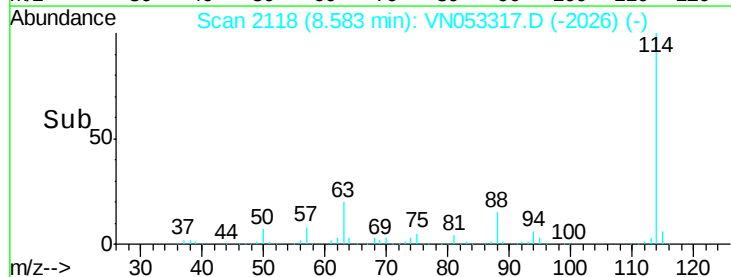
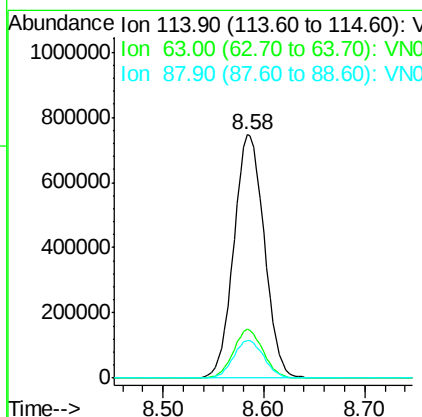
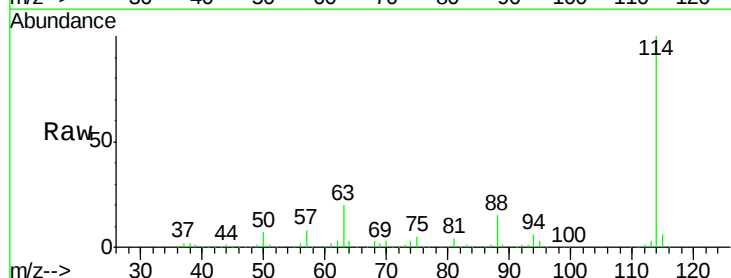
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

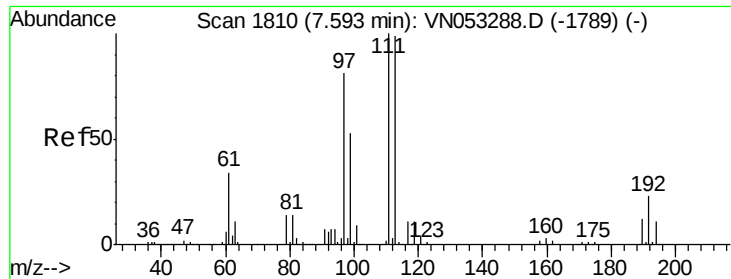
Tot Ion: 65 Resp: 511939  
 Ion Ratio Lower Upper  
 65 100  
 67 55.3 0.0 111.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2118  
 Delta R.T. -0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

Tgt Ion: 114 Resp: 1561752  
 Ion Ratio Lower Upper  
 114 100  
 63 19.9 0.0 39.0  
 88 15.3 0.0 30.8

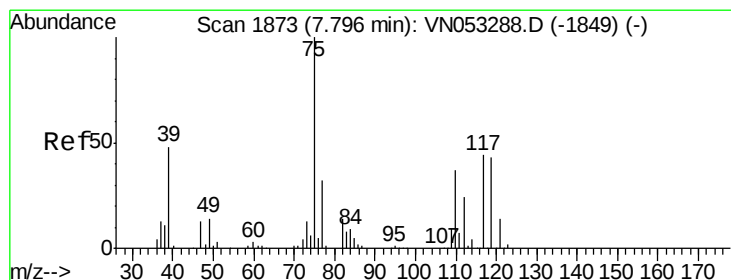
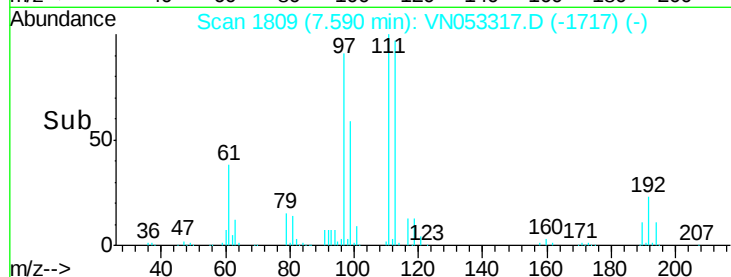
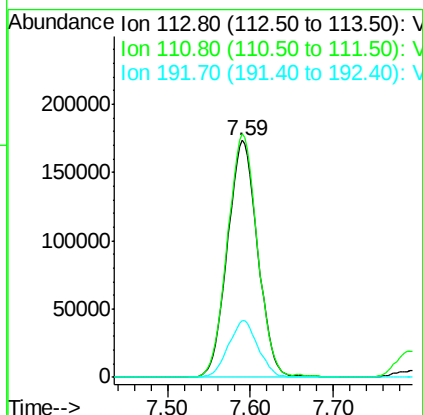
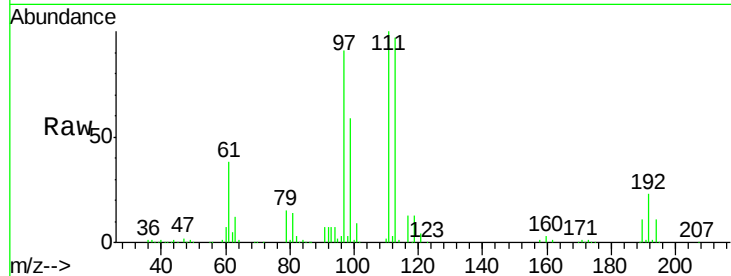




#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. -0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

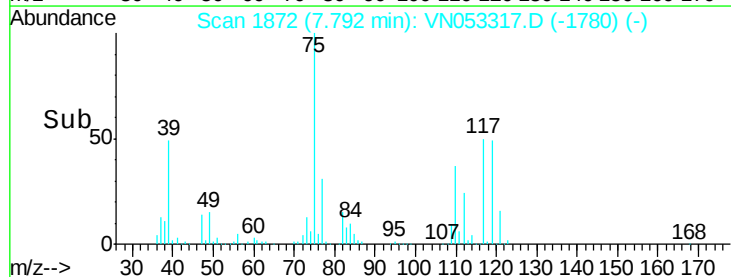
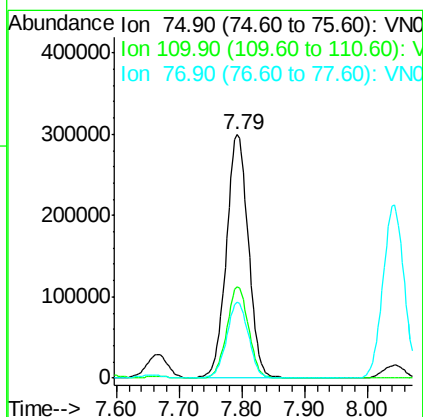
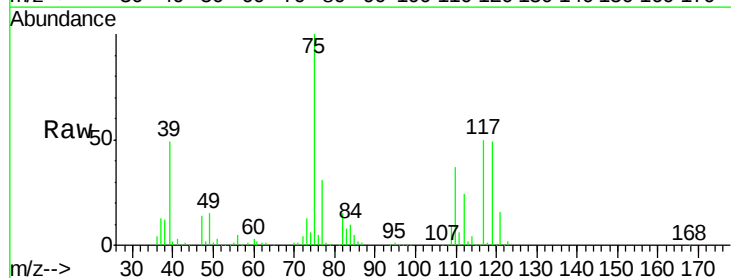
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

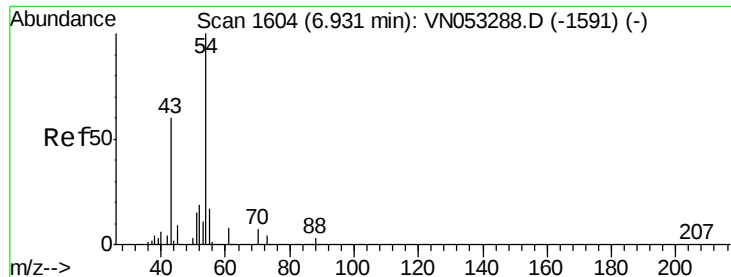
Tot Ion:113 Resp: 439275  
 Ion Ratio Lower Upper  
 113 100  
 111 102.7 81.4 122.2  
 192 23.5 17.9 26.9



#36  
 1,1-Dichloropropene  
 Concen: 49.623 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. -0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

Tgt Ion: 75 Resp: 723507  
 Ion Ratio Lower Upper  
 75 100  
 110 37.0 18.4 55.0  
 77 31.1 25.3 37.9

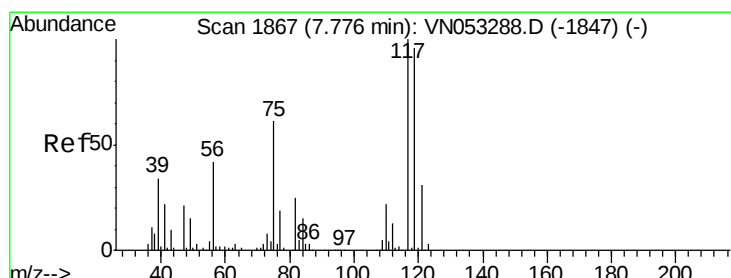
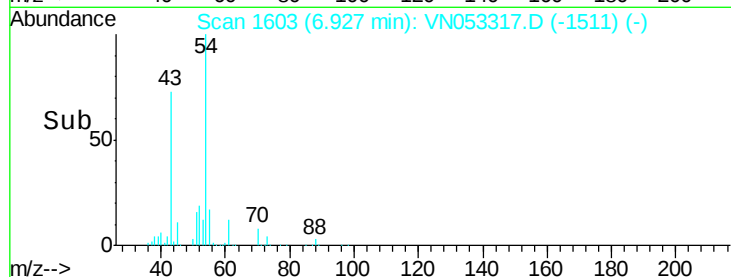
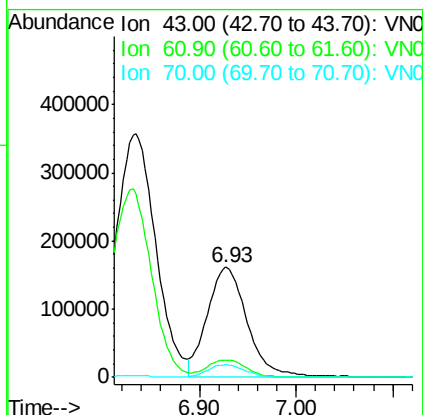
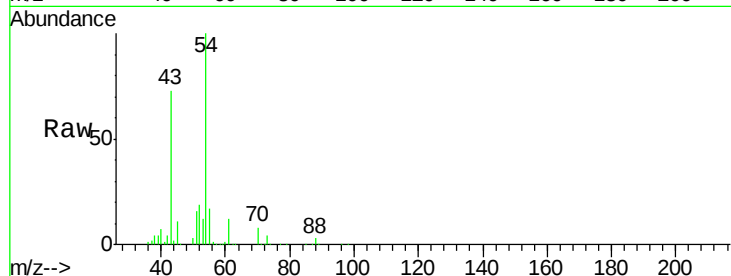




#37  
Ethyl Acetate  
Concen: 47.851 ug/l  
RT: 6.93 min Scan# 1603  
Delta R.T. -0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

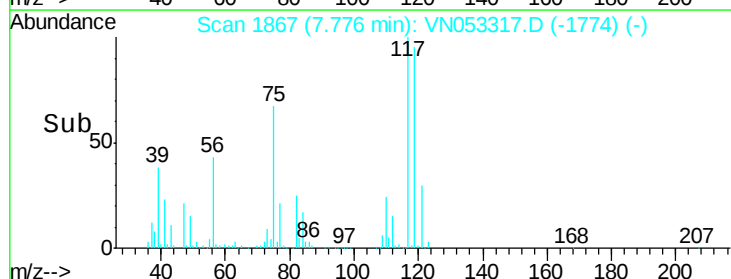
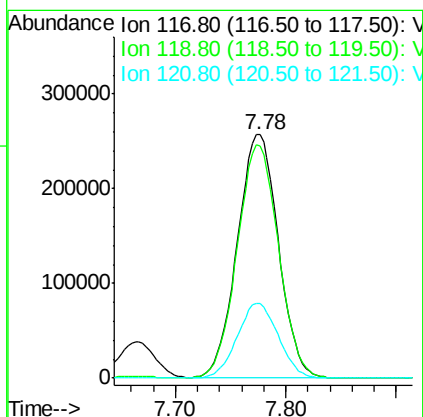
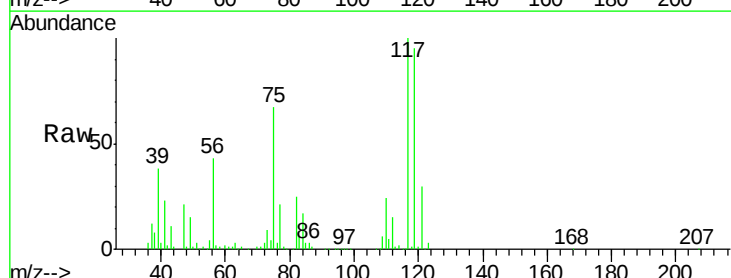
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

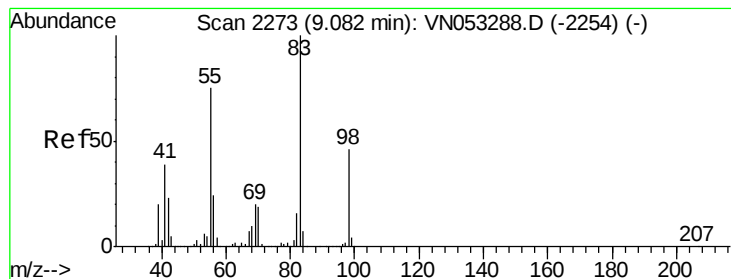
Tot Ion: 43 Resp: 454434  
Ion Ratio Lower Upper  
43 100  
61 15.5 11.9 17.9  
70 11.3 8.6 13.0



#38  
Carbon Tetrachloride  
Concen: 49.058 ug/l  
RT: 7.78 min Scan# 1867  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion: 117 Resp: 660198  
Ion Ratio Lower Upper  
117 100  
119 95.4 76.6 115.0  
121 30.6 25.0 37.4





#39

Methvlcvclohexane

Concen: 48.104 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

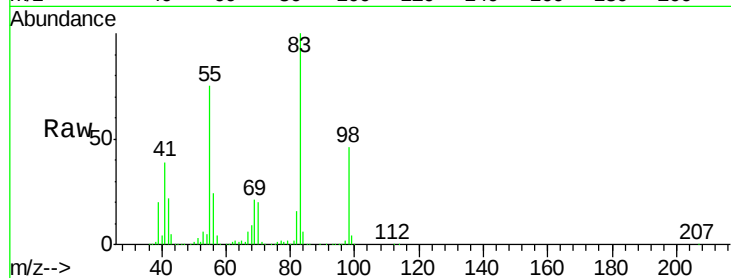
Tot Ion: 83 Resp: 812529

Ion Ratio Lower Upper

83 100

55 75.2 60.1 90.1

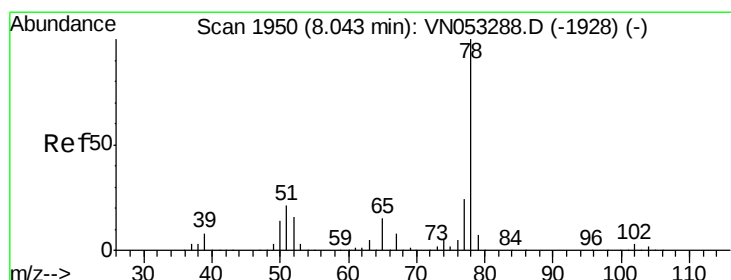
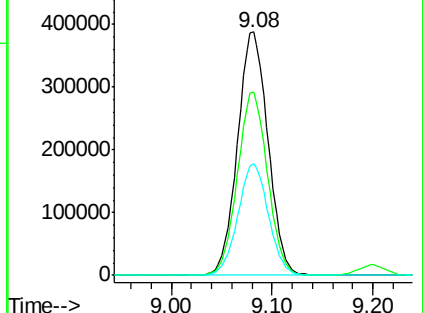
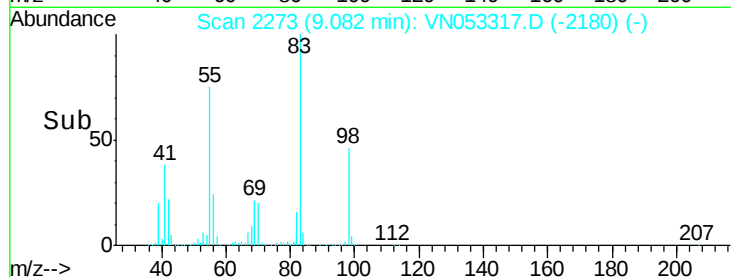
98 45.9 36.7 55.1



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 48.445 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053317.D

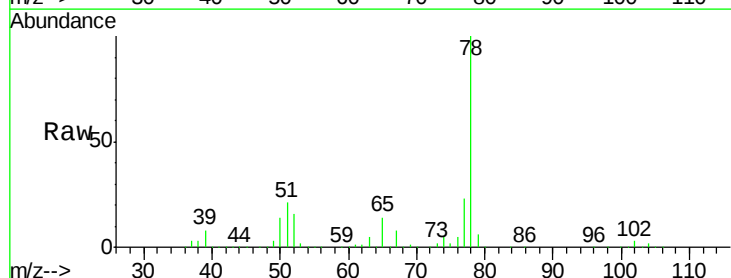
Acq: 8 Jan 2019 17:39

Tgt Ion: 78 Resp: 2157560

Ion Ratio Lower Upper

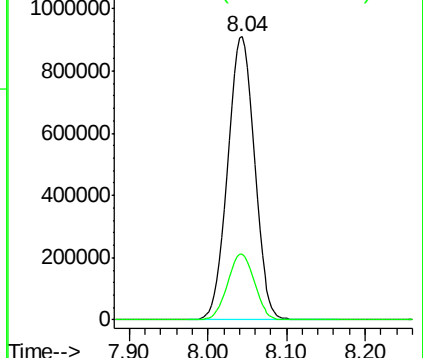
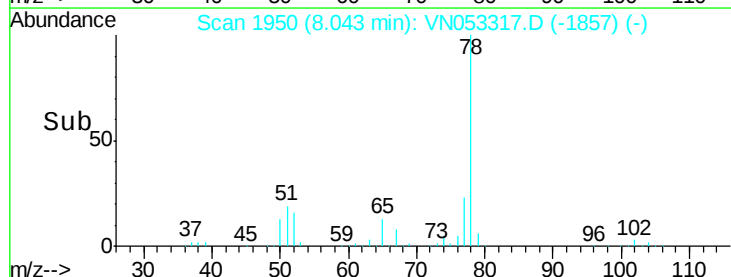
78 100

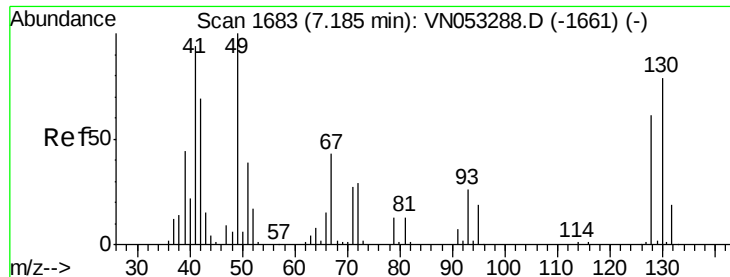
77 23.4 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

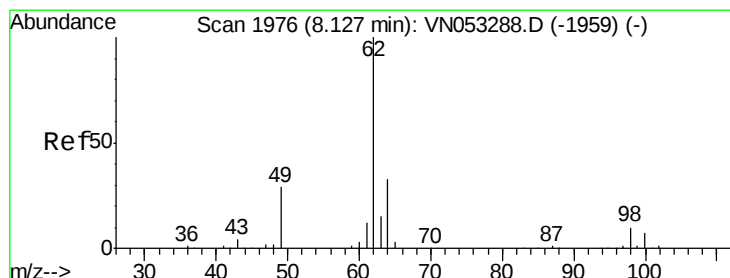
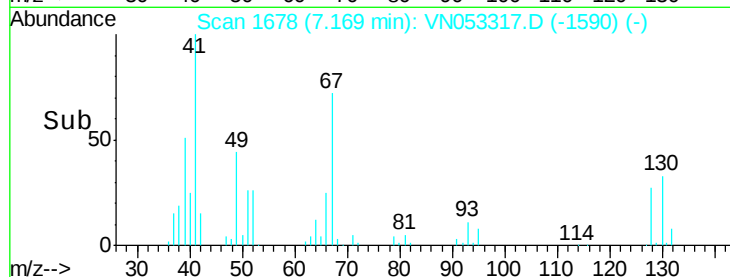
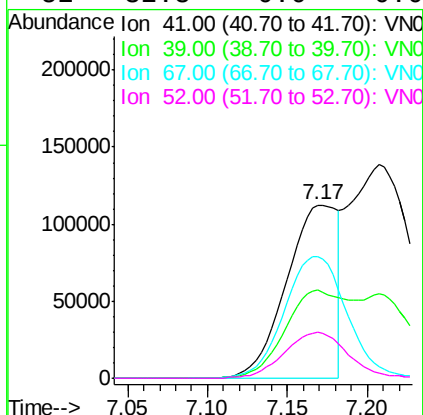
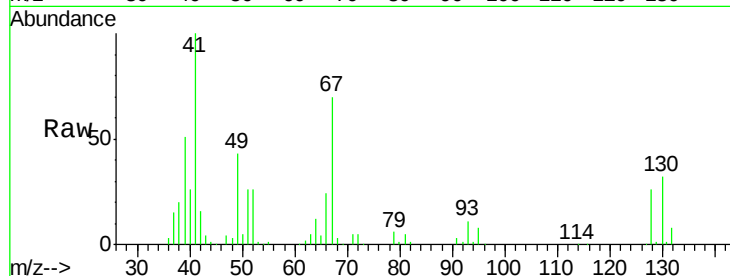




#41  
Methacrylonitrile  
Concen: 42.301 ug/l  
RT: 7.17 min Scan# 1678  
Delta R.T. -0.02 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

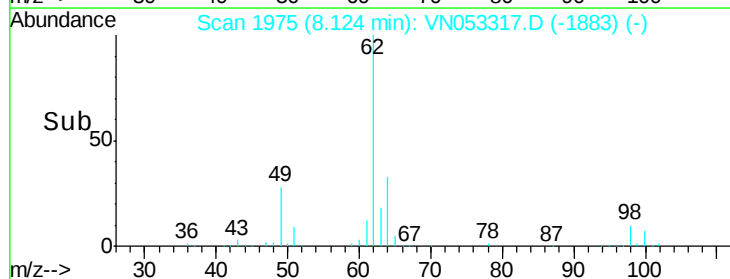
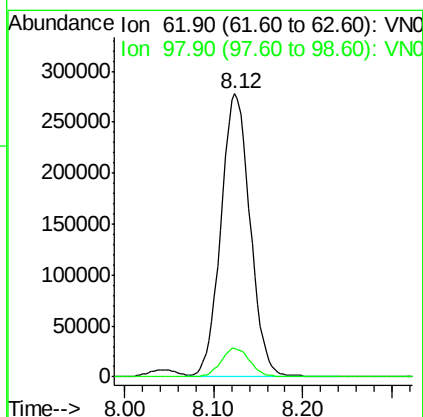
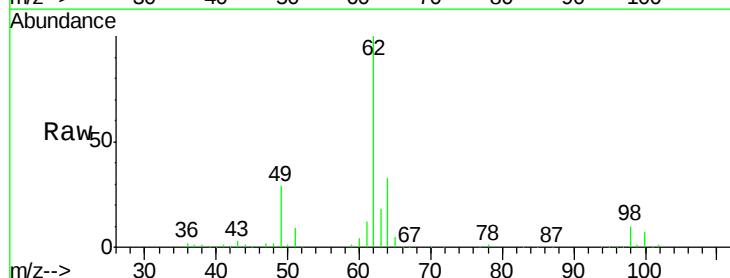
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

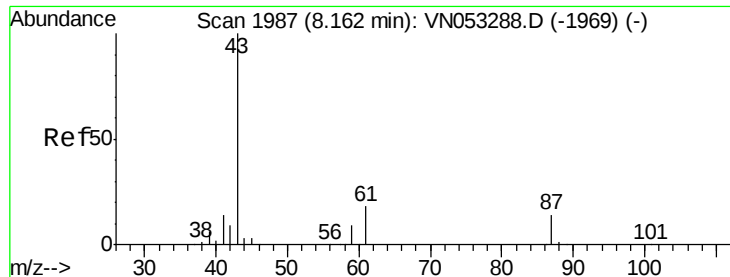
Tot Ion: 41 Resp: 249404  
Ion Ratio Lower Upper  
41 100  
39 63.0 0.0 0.0#  
67 86.6 0.0 0.0#  
52 32.8 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 47.643 ug/l  
RT: 8.12 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion: 62 Resp: 629391  
Ion Ratio Lower Upper  
62 100  
98 10.1 0.0 20.2





#43

Isopropyl Acetate

Concen: 43.890 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

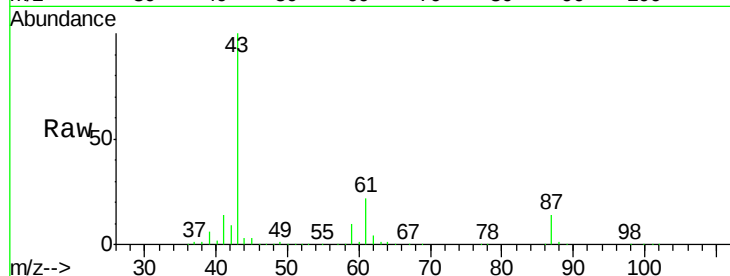
Tot Ion: 43 Resp: 819972

Ion Ratio Lower Upper

43 100

61 30.0 23.3 34.9

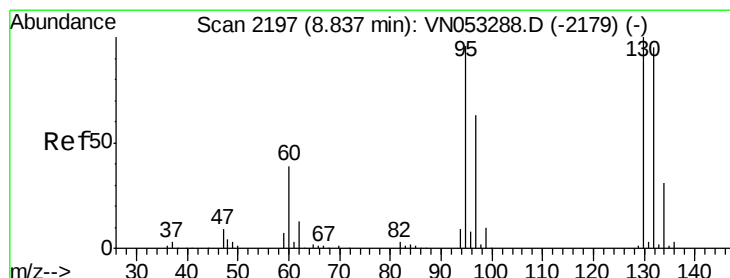
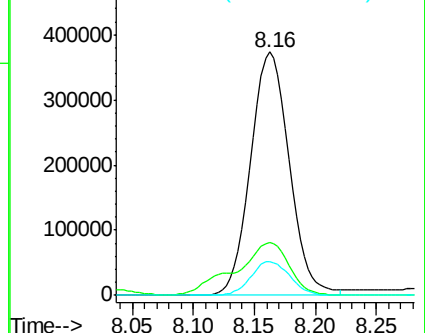
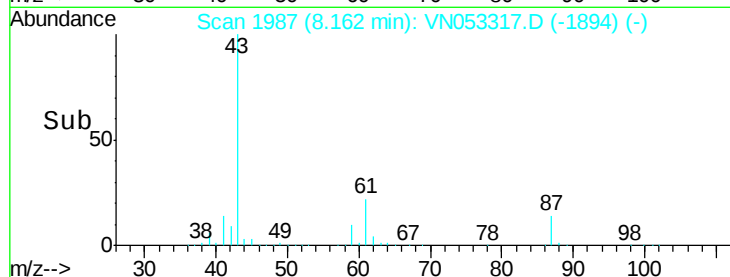
87 14.0 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VN053317.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053317.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053317.D (-1894) (-)



#44

Trichloroethene

Concen: 48.822 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN053317.D

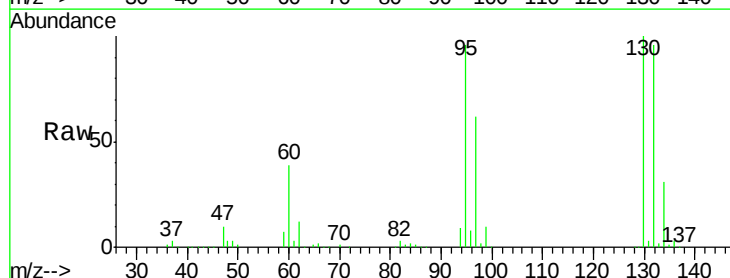
Acq: 8 Jan 2019 17:39

Tgt Ion: 130 Resp: 597043

Ion Ratio Lower Upper

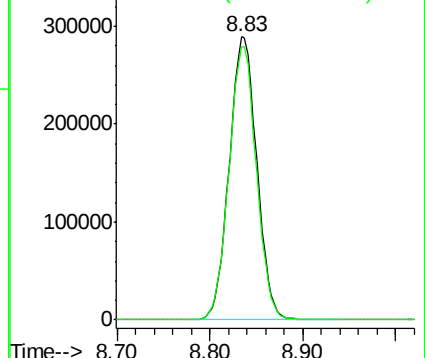
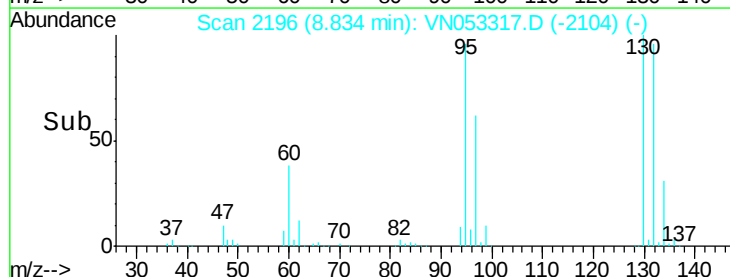
130 100

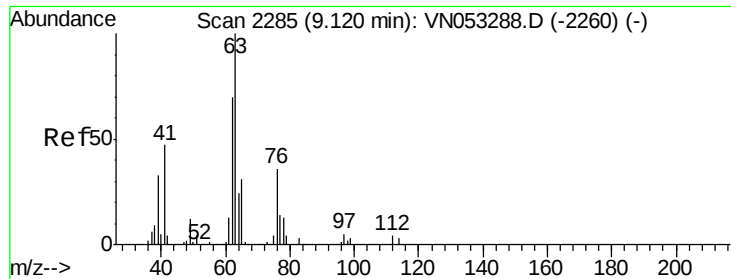
95 96.4 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): VN053317.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN053317.D (-2104) (-)

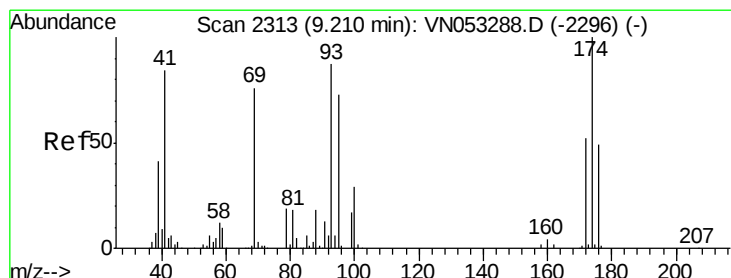
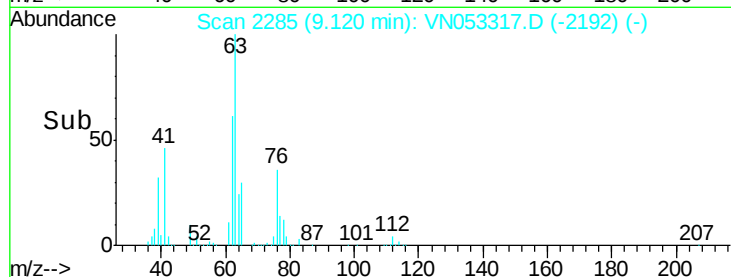
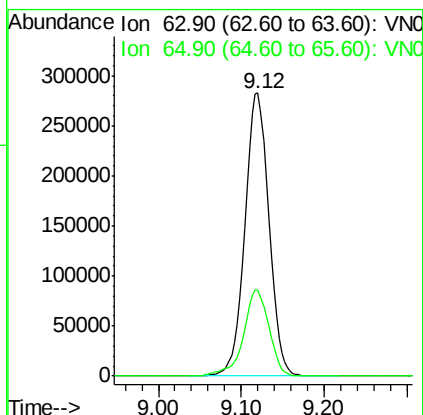
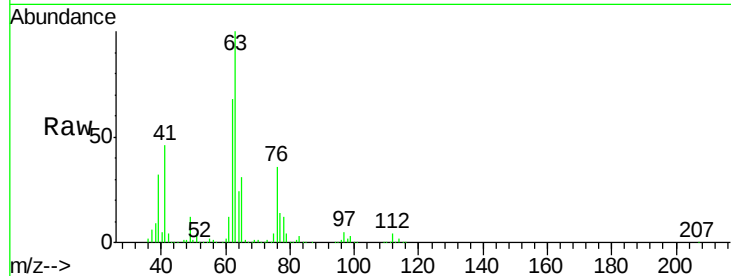




#45  
 1,2-Dichloropropane  
 Concen: 48.708 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. 0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

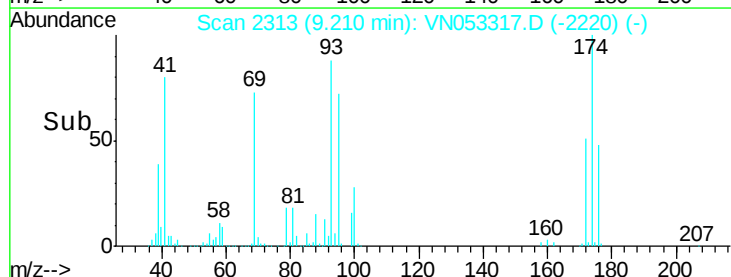
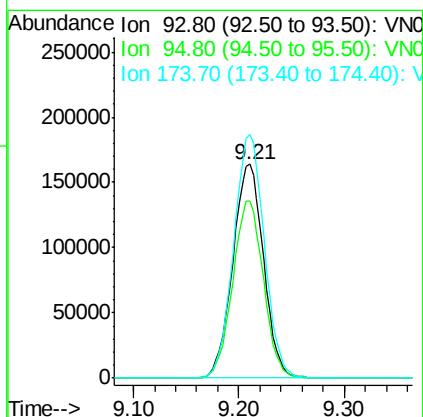
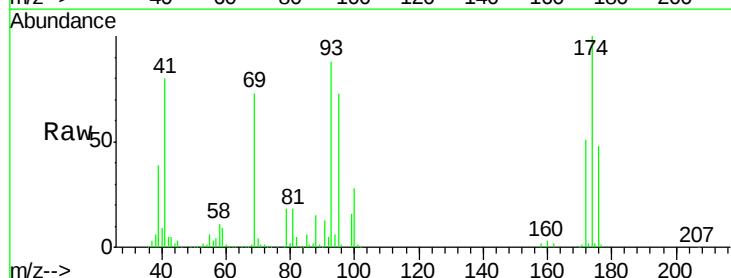
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

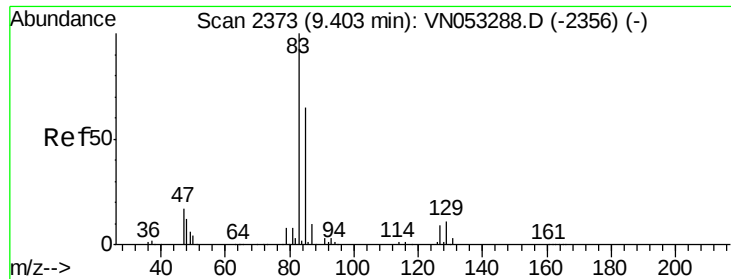
Tot Ion: 63 Resp: 568950  
 Ion Ratio Lower Upper  
 63 100  
 65 30.5 25.0 37.6



#46  
 Dibromomethane  
 Concen: 48.780 ug/l  
 RT: 9.21 min Scan# 2313  
 Delta R.T. 0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

Tgt Ion: 93 Resp: 332227  
 Ion Ratio Lower Upper  
 93 100  
 95 82.5 66.6 100.0  
 174 113.4 91.4 137.0

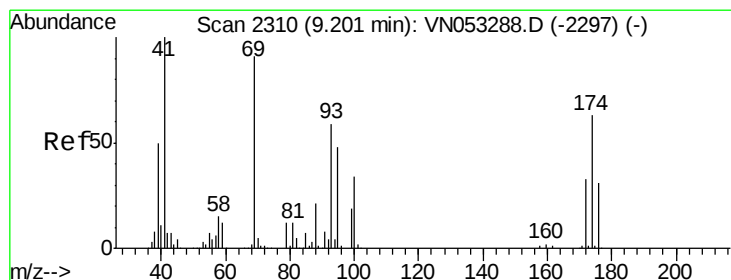
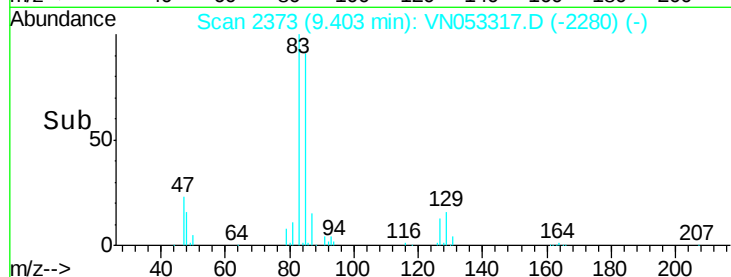
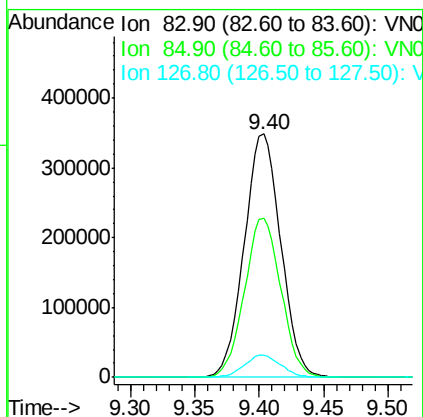
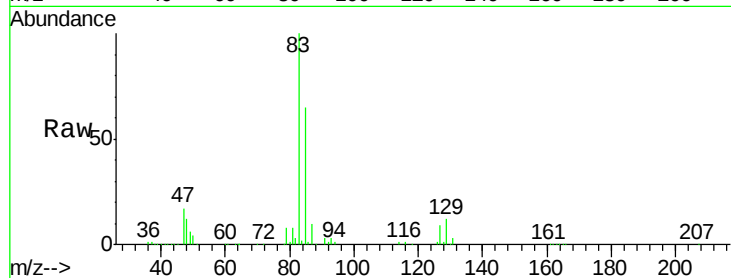




#47  
Bromodichloromethane  
Concen: 48.596 ug/l  
RT: 9.40 min Scan# 2373  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

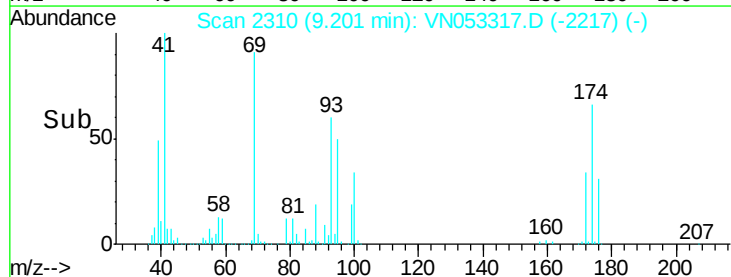
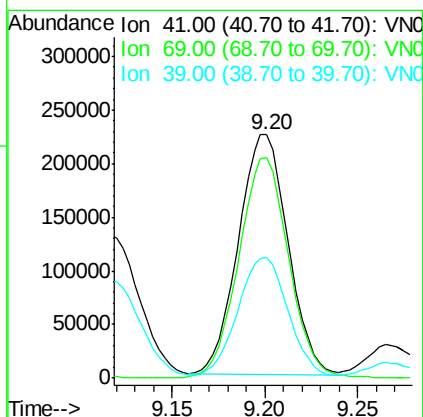
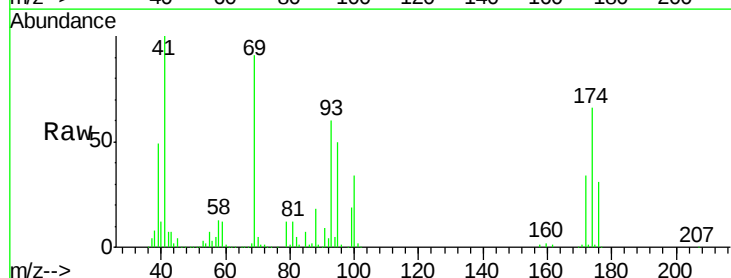
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

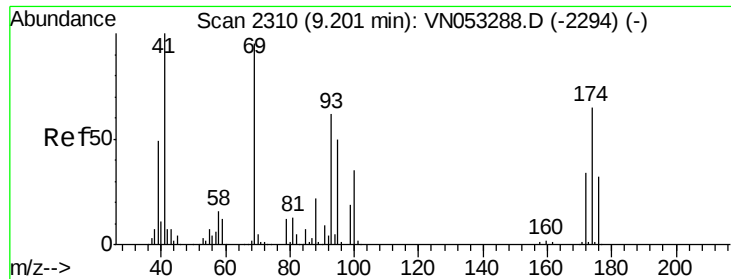
Tot Ion: 83 Resp: 689727  
Ion Ratio Lower Upper  
83 100  
85 65.4 51.7 77.5  
127 9.2 7.0 10.6



#48  
Methyl methacrylate  
Concen: 48.982 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion: 41 Resp: 415750  
Ion Ratio Lower Upper  
41 100  
69 92.9 73.5 110.3  
39 51.8 41.6 62.4

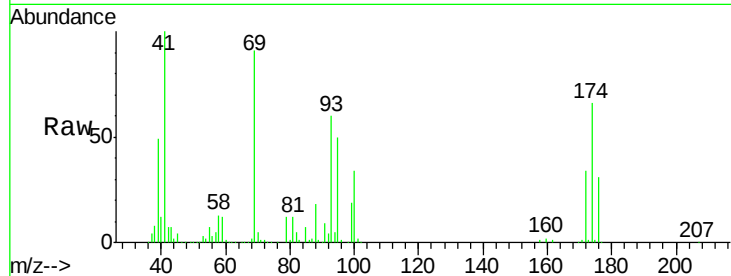




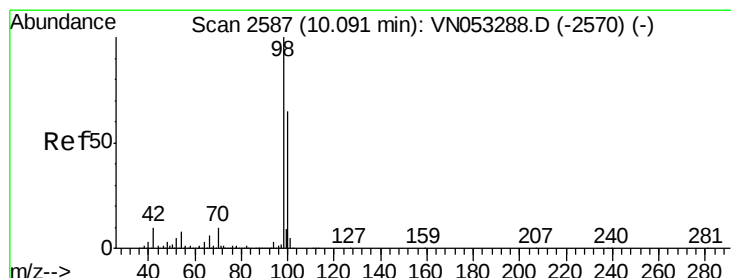
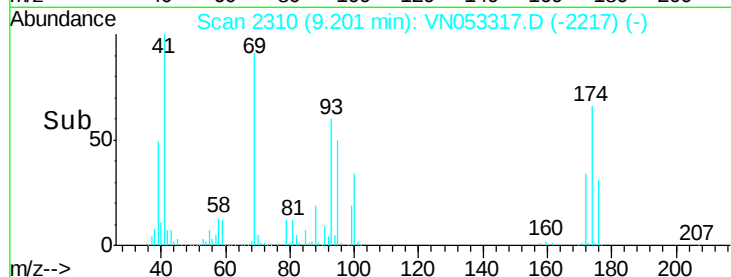
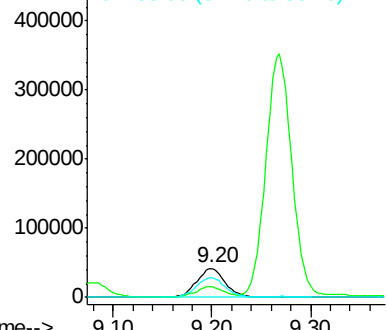
#49  
1,4-Dioxane  
Concen: 950.418 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 88 Resp: 85947  
Ion Ratio Lower Upper  
88 100  
43 34.4 26.2 39.4  
58 69.5 55.5 83.3

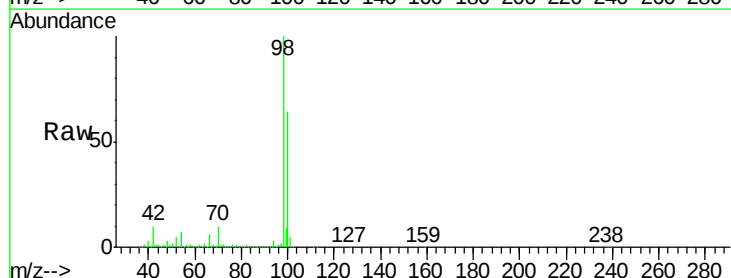


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

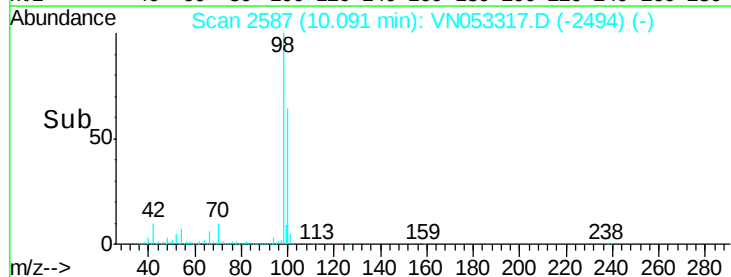
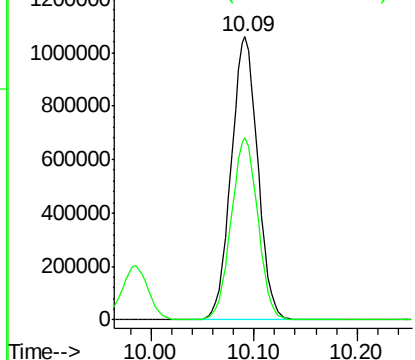


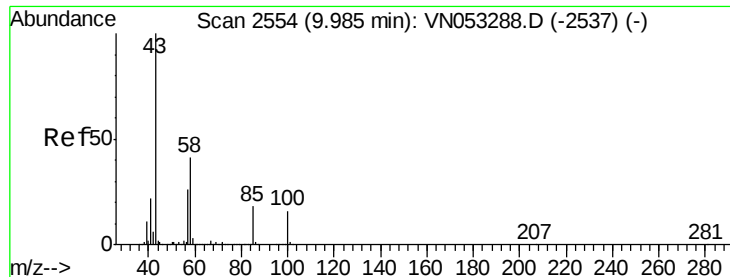
#50  
Toluene-d8  
Concen: 950.418 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion: 98 Resp: 1899276  
Ion Ratio Lower Upper  
98 100  
100 64.7 51.5 77.3



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: 246.984 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

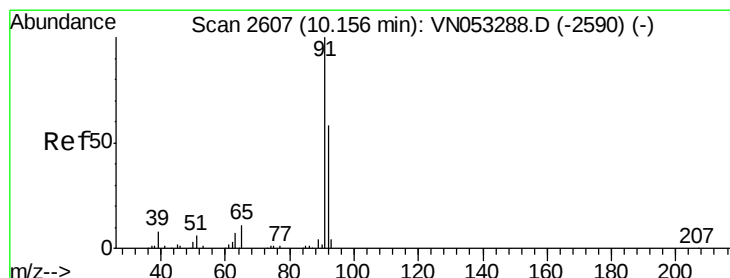
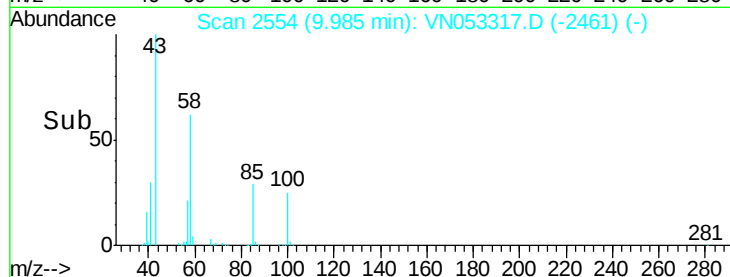
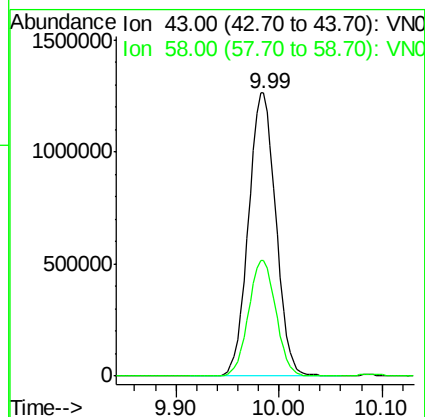
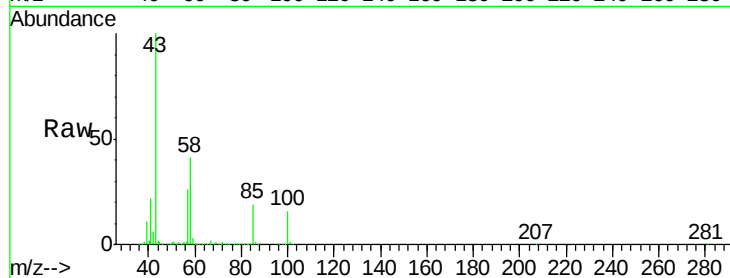
VSTDCCC050EC

Tot Ion: 43 Resp: 2320443

Ion Ratio Lower Upper

43 100

58 41.0 32.7 49.1



#52

Toluene

Concen: 49.602 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053317.D

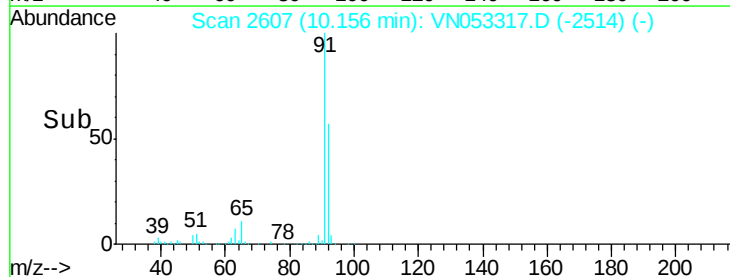
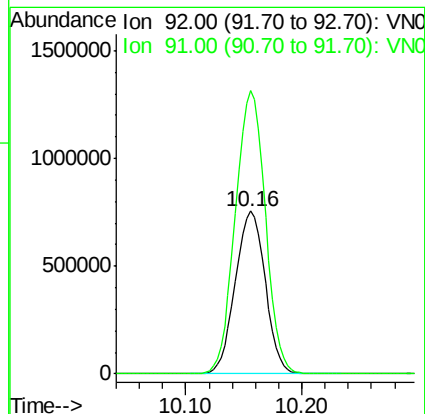
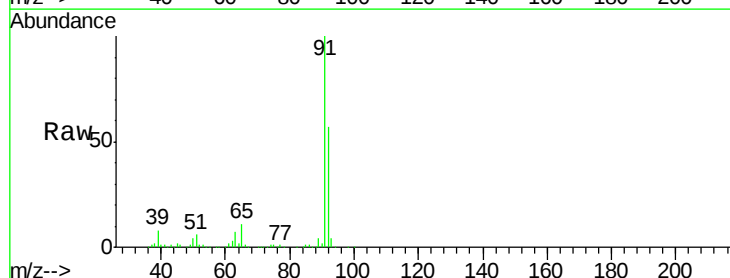
Acq: 8 Jan 2019 17:39

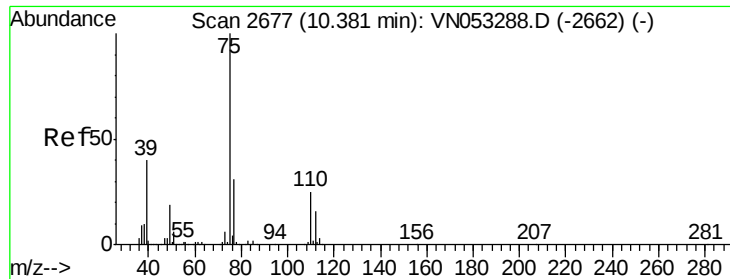
Tgt Ion: 92 Resp: 1355262

Ion Ratio Lower Upper

92 100

91 174.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 50.636 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

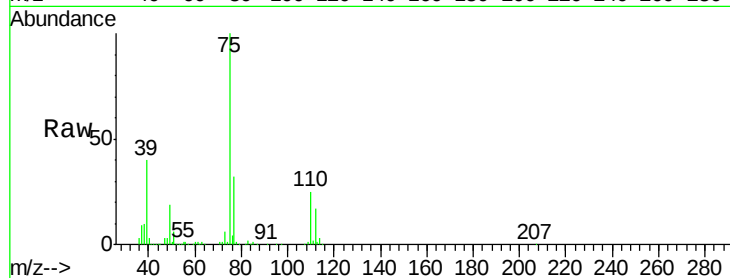
VSTDCCC050EC

Tot Ion: 75 Resp: 735206

Ion Ratio Lower Upper

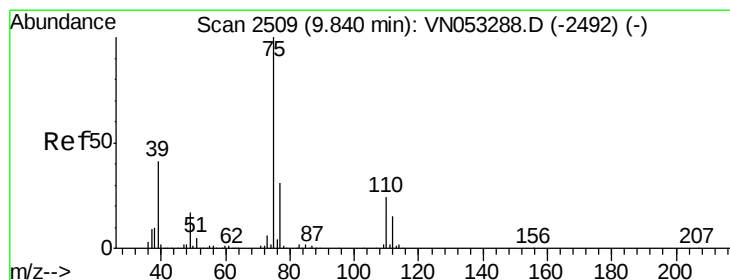
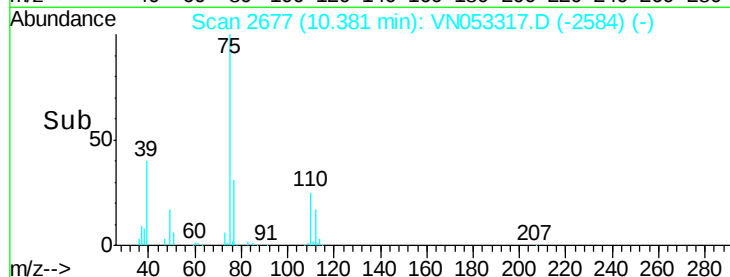
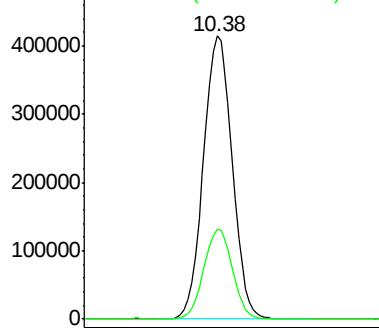
75 100

77 31.5 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 50.295 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

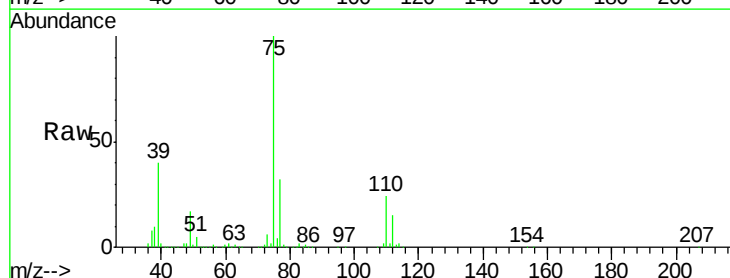
Tgt Ion: 75 Resp: 843845

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

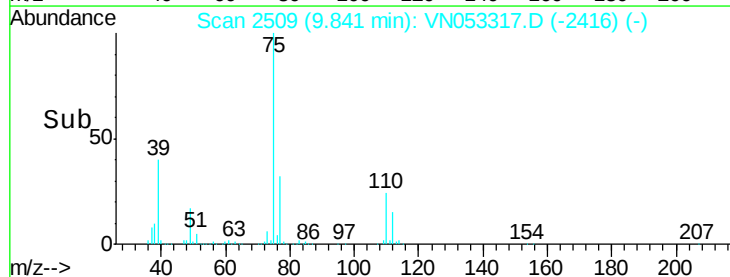
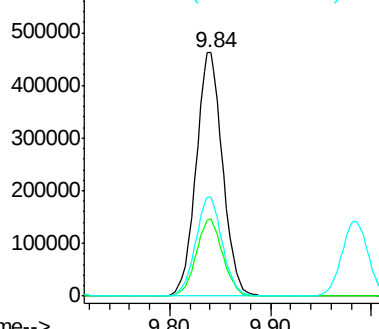
39 40.4 33.1 49.7

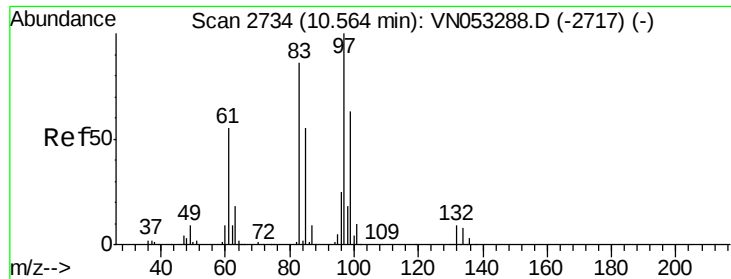


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 48.335 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 485600

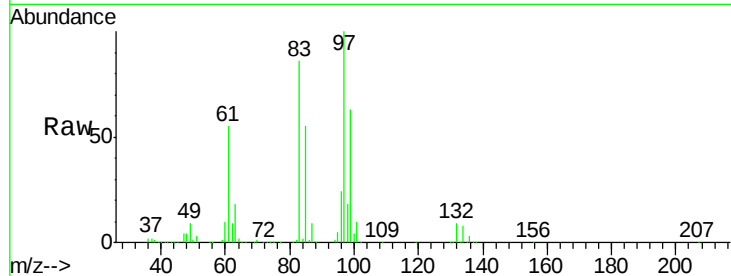
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.5  | 69.1  | 103.7 |
| 85  | 55.5  | 44.2  | 66.4  |
| 99  | 62.5  | 50.3  | 75.5  |

97 100

83 86.5 69.1 103.7

85 55.5 44.2 66.4

99 62.5 50.3 75.5

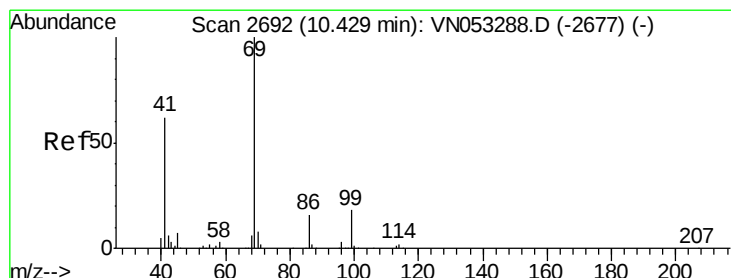
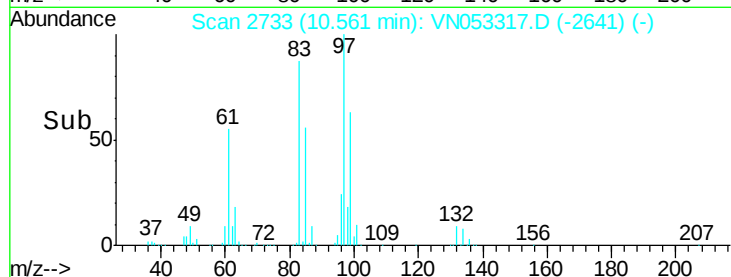
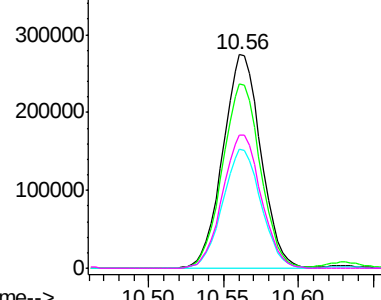


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.253 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

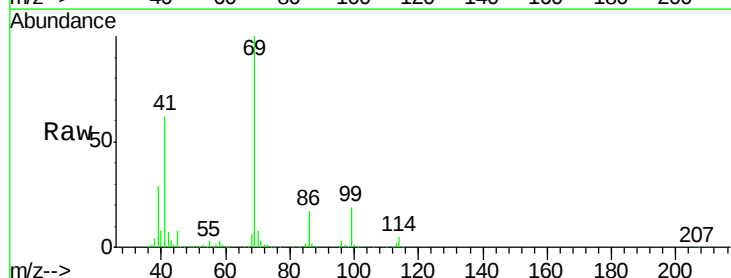
Tgt Ion: 69 Resp: 669132

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.2  | 49.2  | 73.8  |
| 39  | 28.7  | 23.4  | 35.0  |

69 100

41 61.2 49.2 73.8

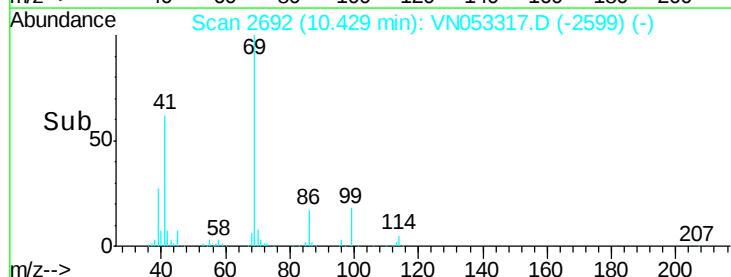
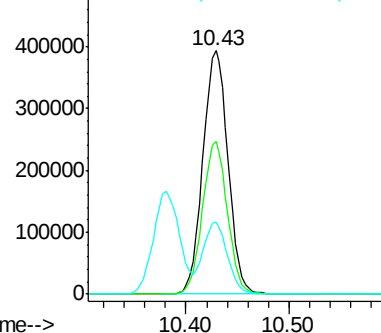
39 28.7 23.4 35.0

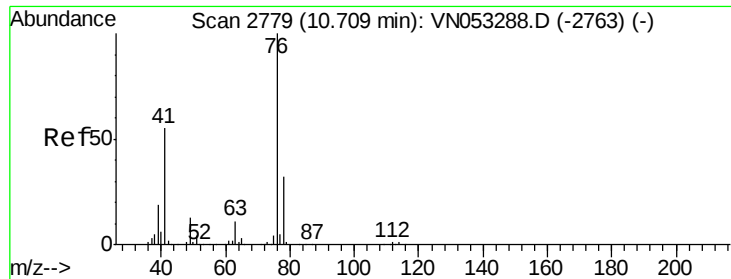


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

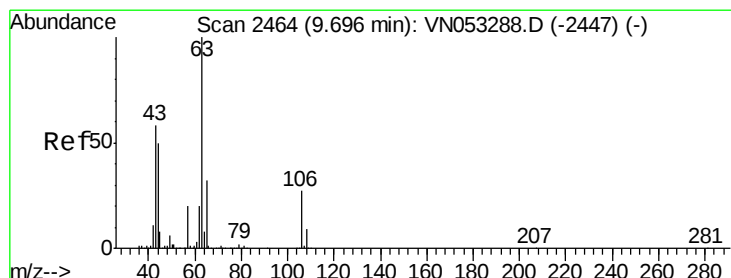
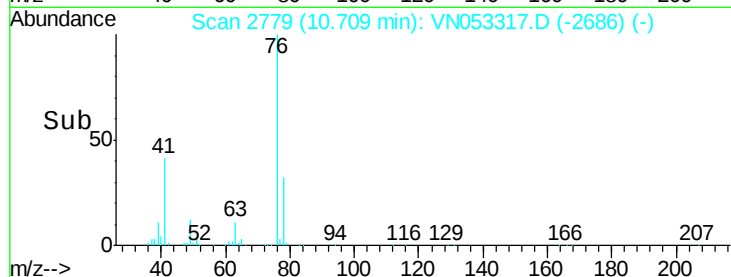
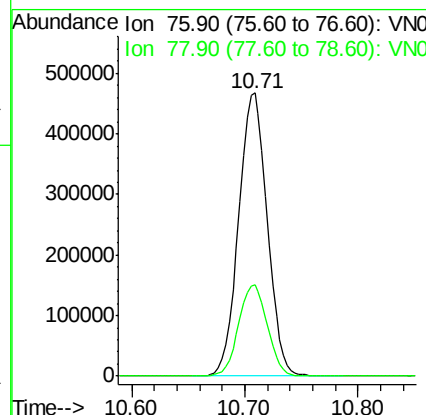
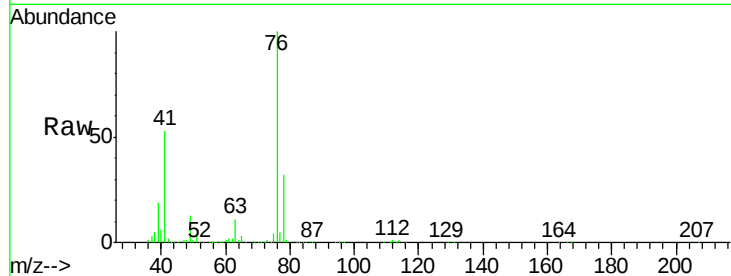




#57  
 1,3-Dichloropropane  
 Concen: 49.041 ug/l  
 RT: 10.71 min Scan# 2779  
 Delta R.T. 0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

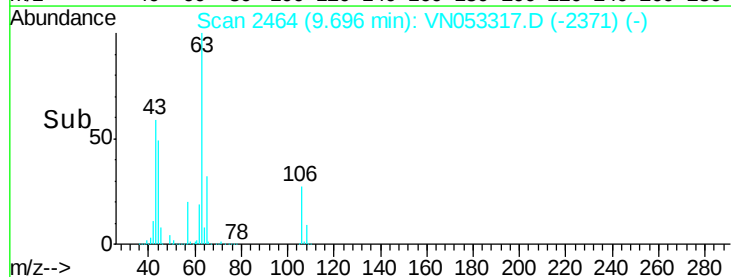
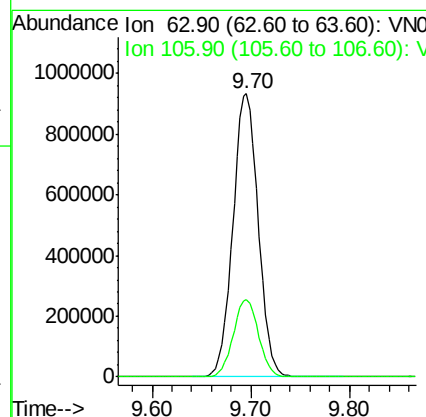
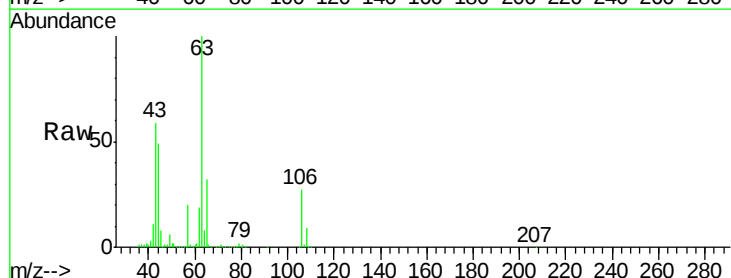
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

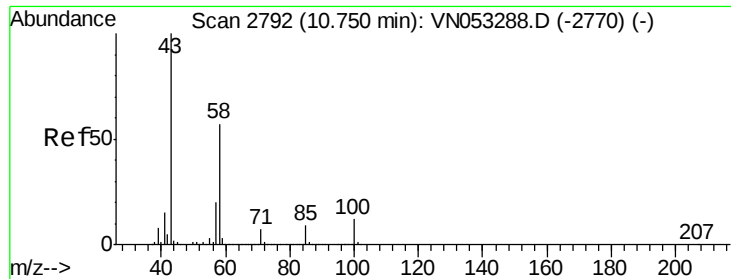
Tot Ion: 76 Resp: 823917  
 Ion Ratio Lower Upper  
 76 100  
 78 32.4 25.8 38.8



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 236.325 ug/l  
 RT: 9.70 min Scan# 2464  
 Delta R.T. 0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

Tgt Ion: 63 Resp: 1668014  
 Ion Ratio Lower Upper  
 63 100  
 106 27.3 21.7 32.5

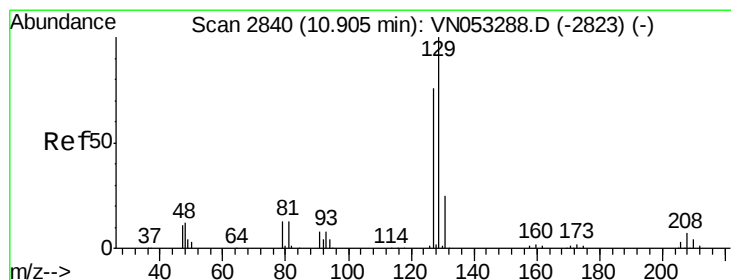
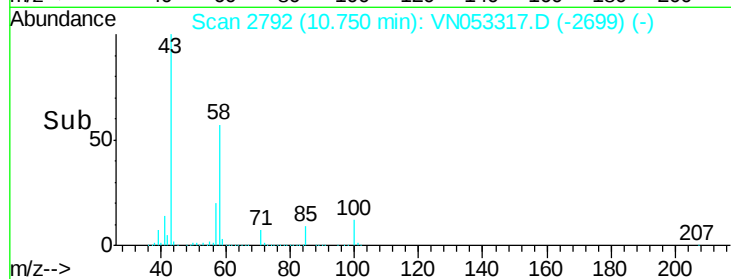
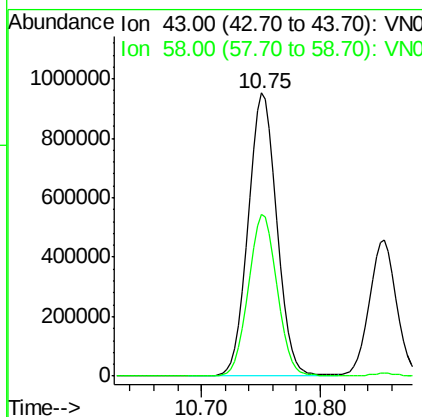
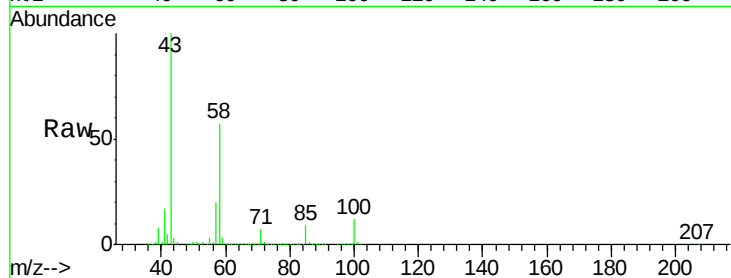




#59  
2-Hexanone  
Concen: 246.678 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

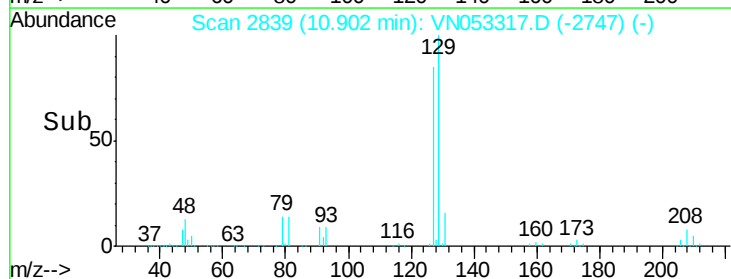
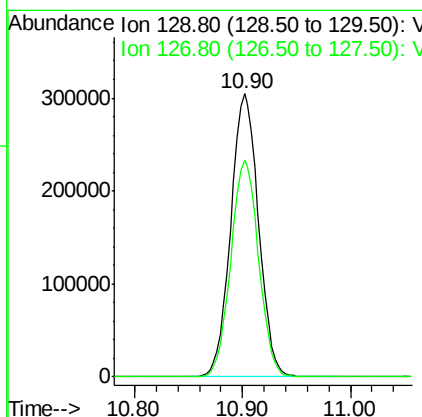
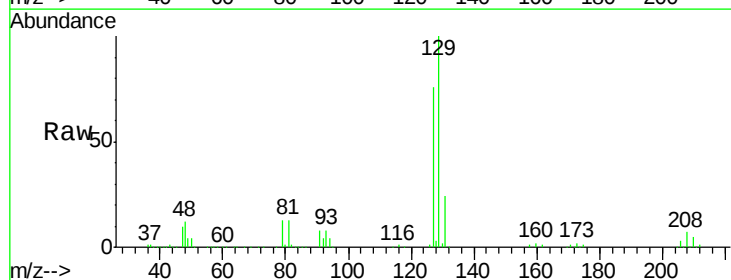
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

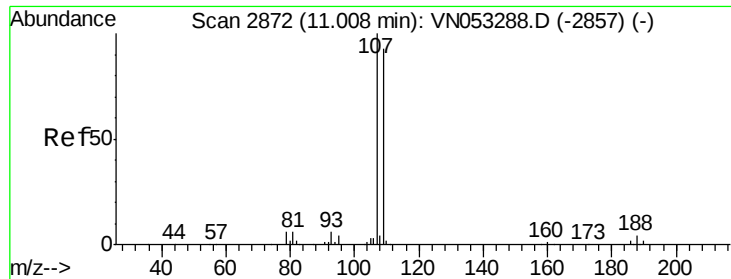
Tot Ion: 43 Resp: 1587909  
Ion Ratio Lower Upper  
43 100  
58 57.3 28.3 85.0



#60  
Dibromochloromethane  
Concen: 50.217 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. -0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion: 129 Resp: 544151  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.4 115.2

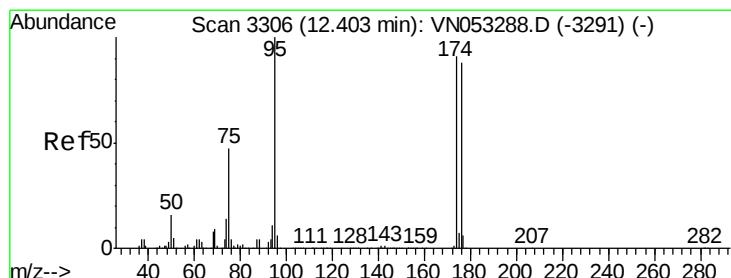
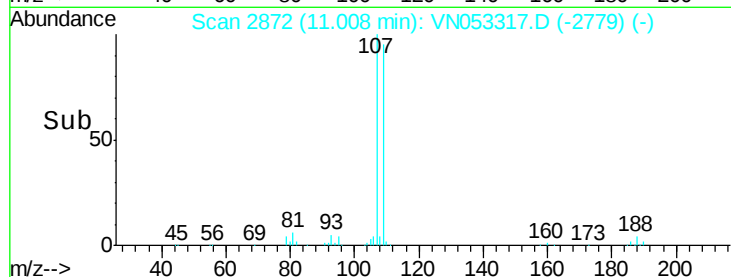
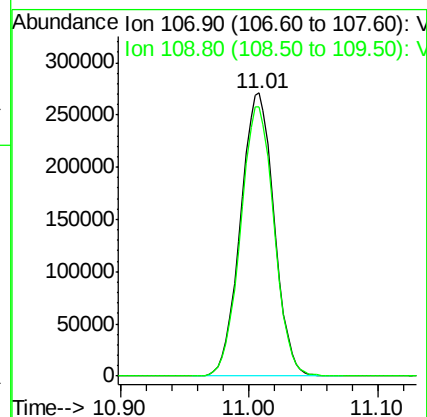
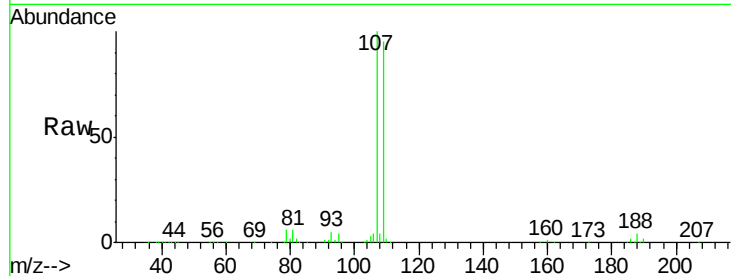




#61  
 1,2-Dibromoethane  
 Concen: 49.456 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

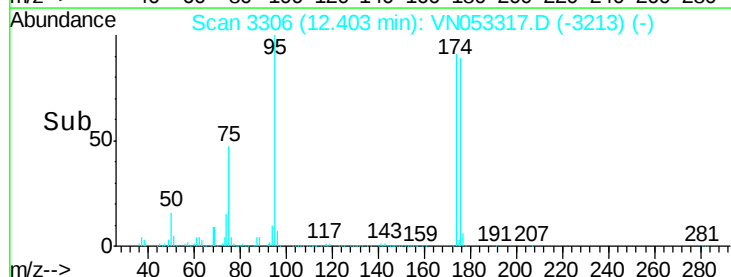
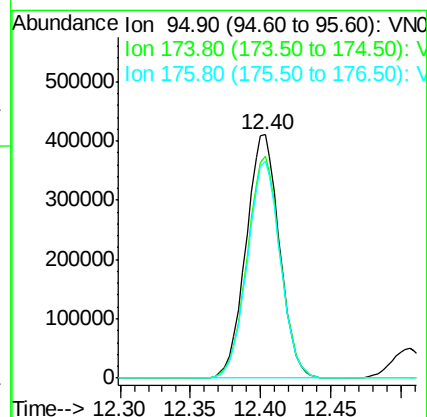
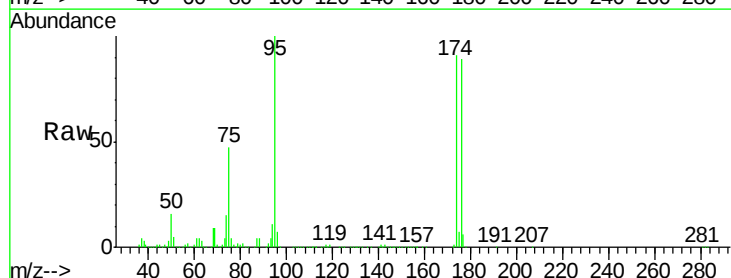
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

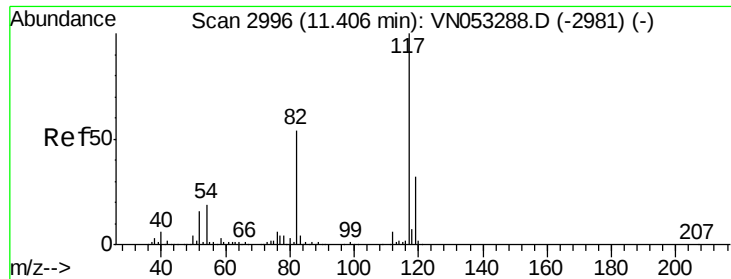
Tot Ion:107 Resp: 490313  
 Ion Ratio Lower Upper  
 107 100  
 109 95.4 75.0 112.6



#62  
 4-Bromofluorobenzene  
 Concen: 49.456 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

Tgt Ion: 95 Resp: 681283  
 Ion Ratio Lower Upper  
 95 100  
 174 90.6 0.0 180.4  
 176 88.0 0.0 175.6

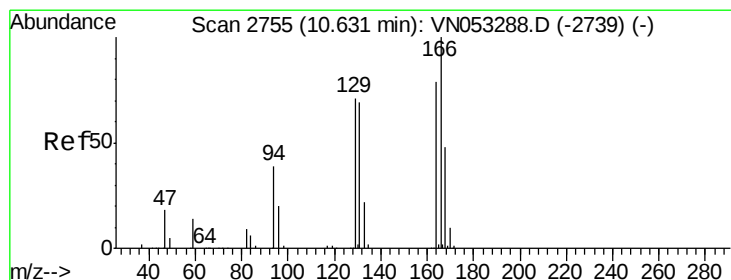
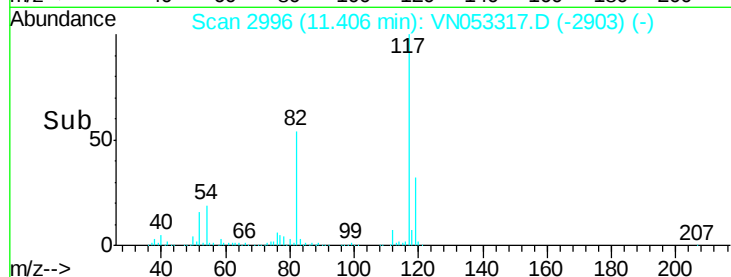
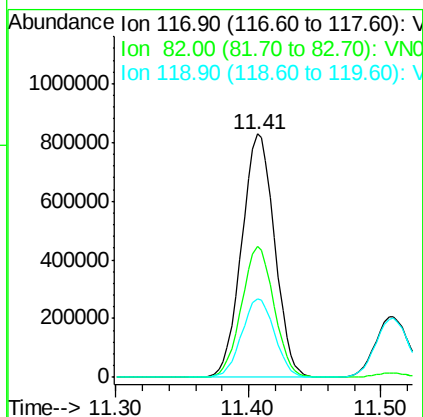
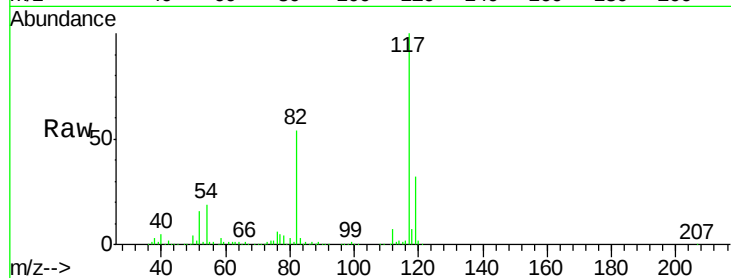




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

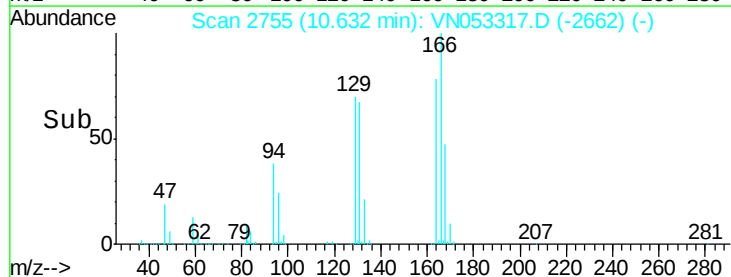
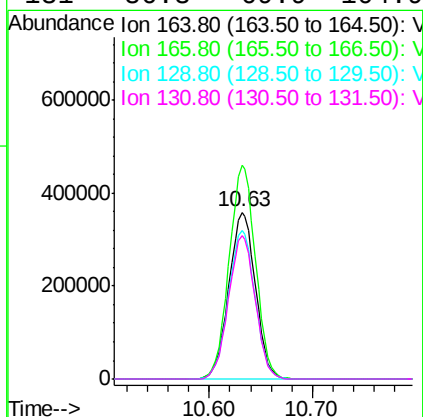
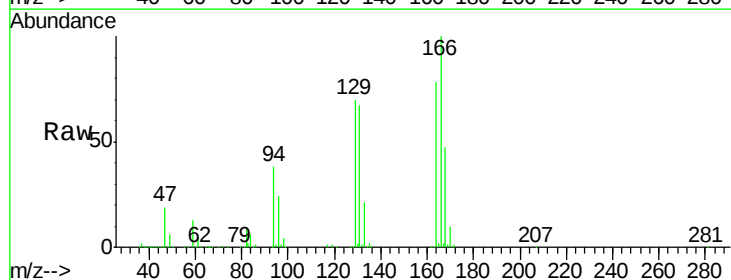
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

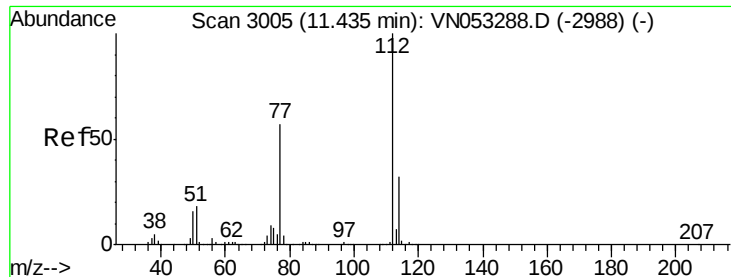
Tot Ion:117 Resp: 1428170  
Ion Ratio Lower Upper  
117 100  
82 53.7 42.9 64.3  
119 32.2 25.6 38.4



#64  
Tetrachloroethene  
Concen: 47.799 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion:164 Resp: 642506  
Ion Ratio Lower Upper  
164 100  
166 128.3 101.7 152.5  
129 89.4 72.1 108.1  
131 86.3 69.9 104.9

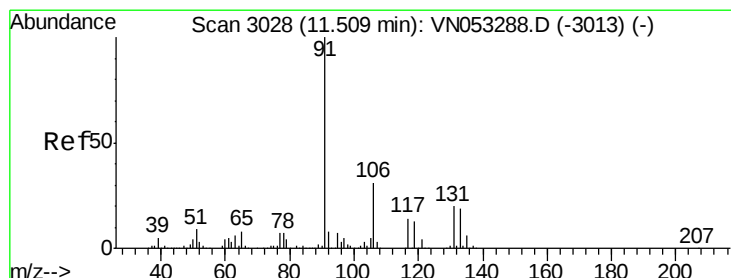
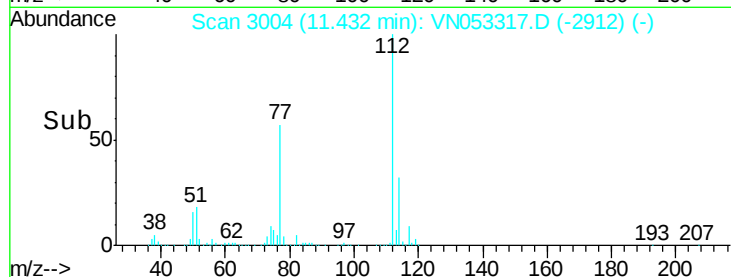
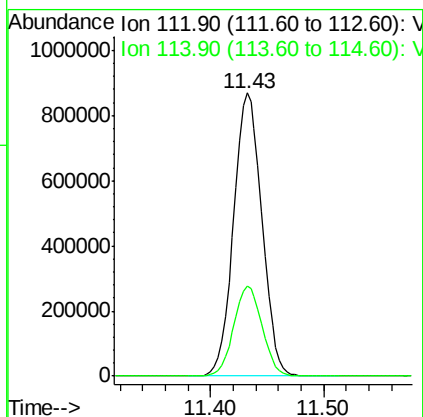
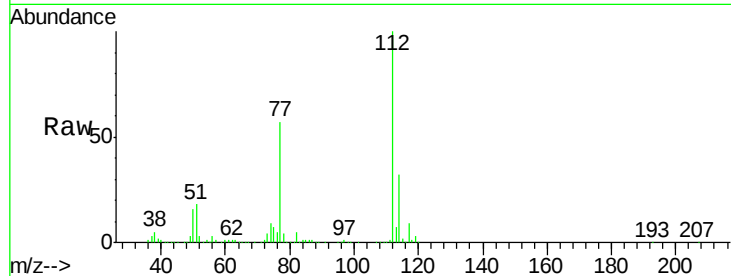




#65  
Chlorobenzene  
Concen: 48.707 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. -0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

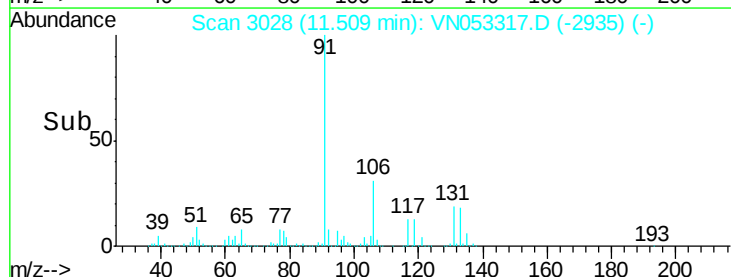
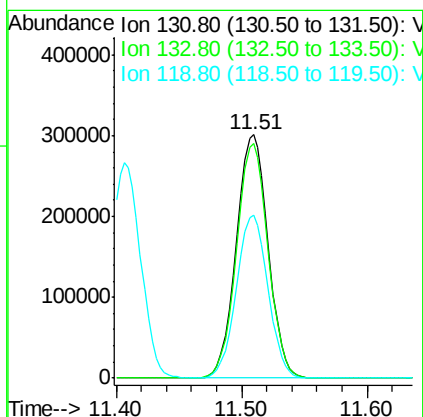
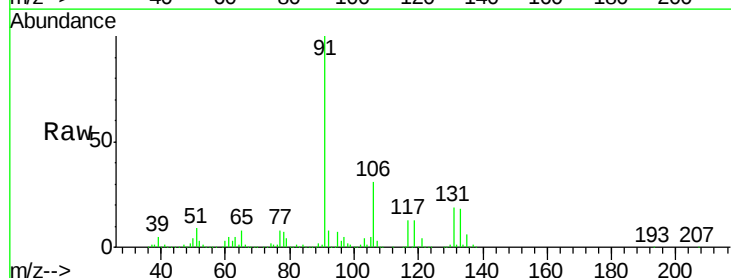
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

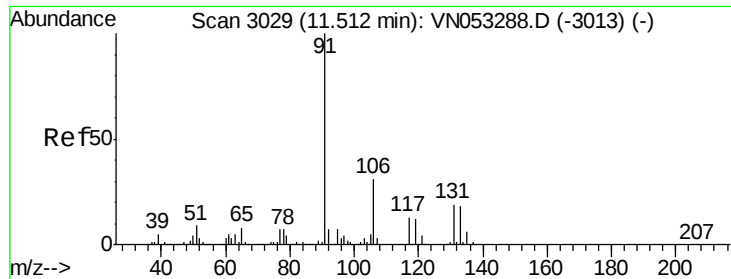
Tot Ion:112 Resp: 1511141  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.728 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion:131 Resp: 529149  
Ion Ratio Lower Upper  
131 100  
133 95.6 48.0 144.0  
119 66.8 33.3 99.9

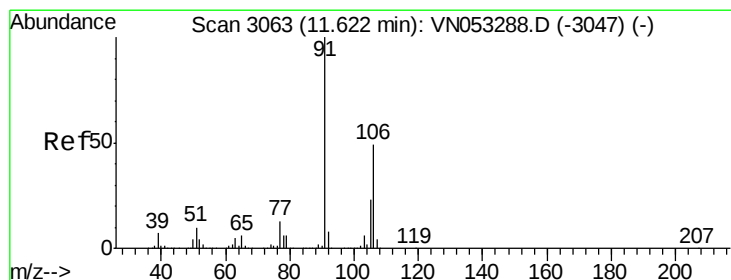
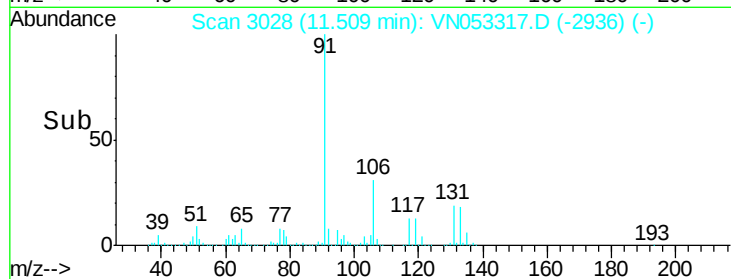
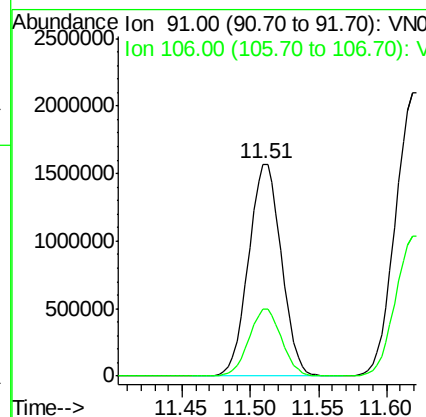
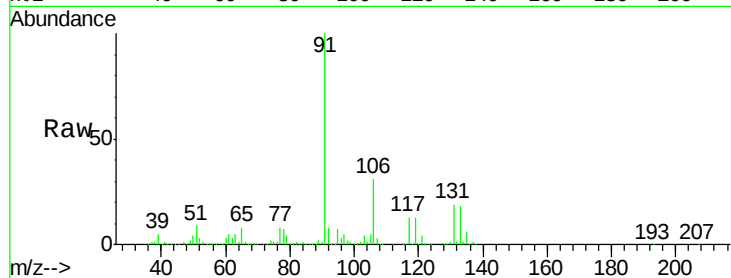




#67  
Ethyl Benzene  
Concen: 49.837 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. -0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

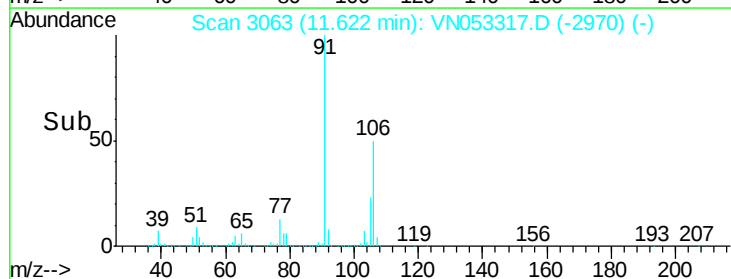
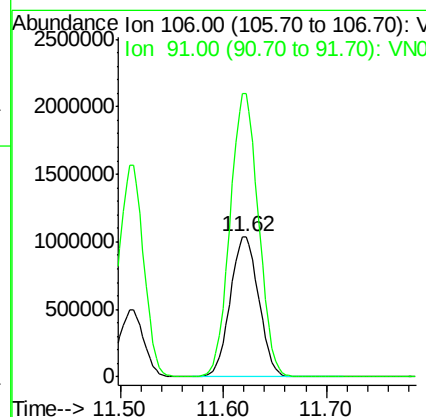
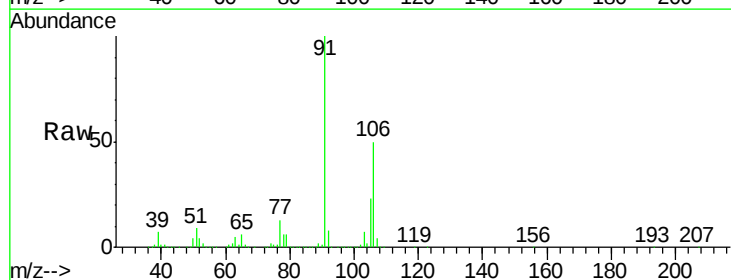
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

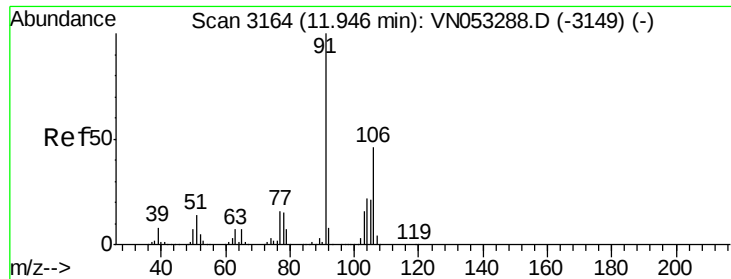
Tot Ion: 91 Resp: 2627332  
Ion Ratio Lower Upper  
91 100  
106 31.4 25.0 37.4



#68  
m/p-Xylenes  
Concen: 100.505 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion: 106 Resp: 1992372  
Ion Ratio Lower Upper  
106 100  
91 202.2 161.4 242.2

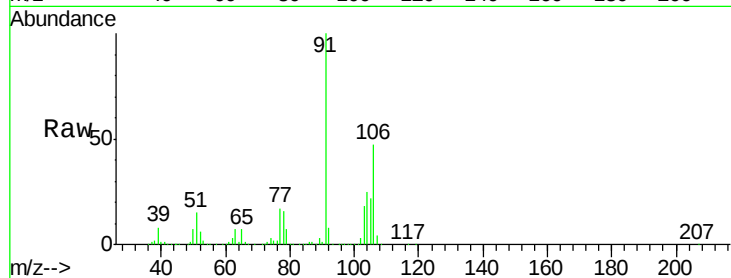




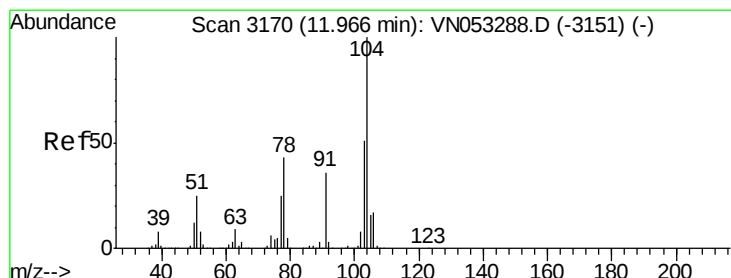
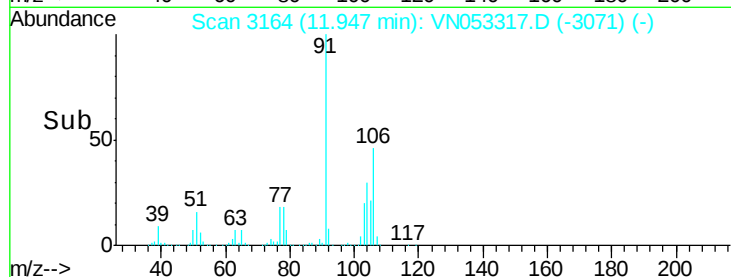
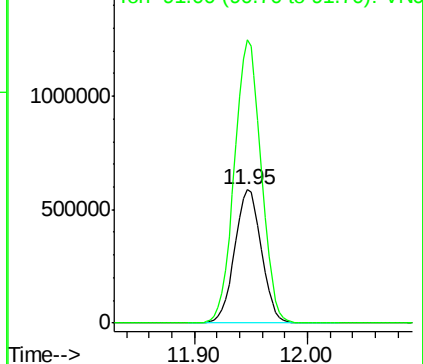
#69  
o-Xylene  
Concen: 49.862 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 967703  
Ion Ratio Lower Upper  
106 100  
91 212.2 106.8 320.4

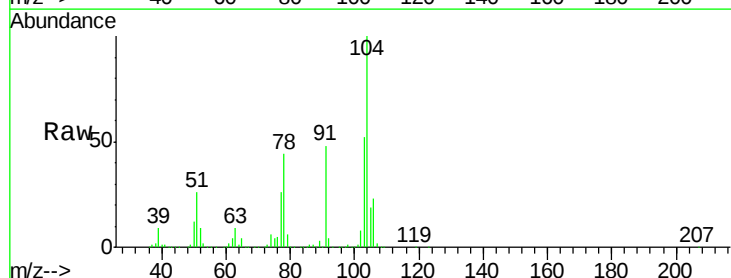


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VN0

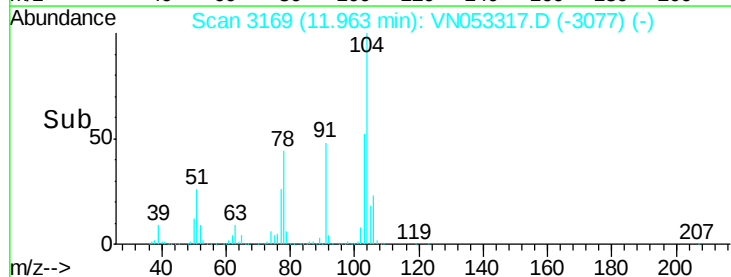
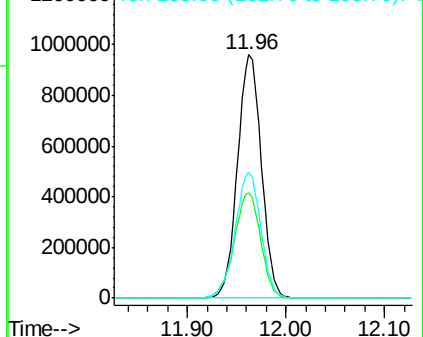


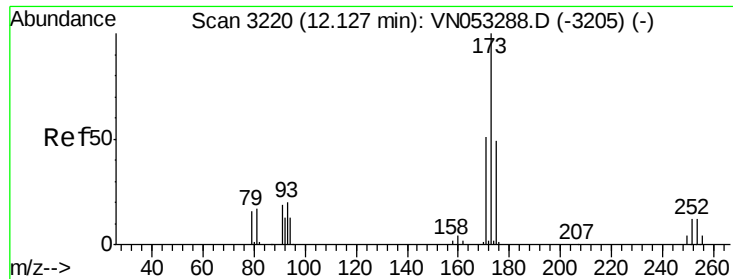
#70  
Styrene  
Concen: 51.069 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion:104 Resp: 1613048  
Ion Ratio Lower Upper  
104 100  
78 47.9 38.5 57.7  
103 55.5 44.5 66.7



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VN0  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.462 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

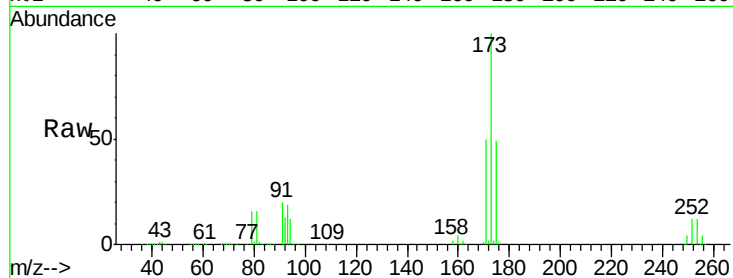
Tot Ion:173 Resp: 387060

Ion Ratio Lower Upper

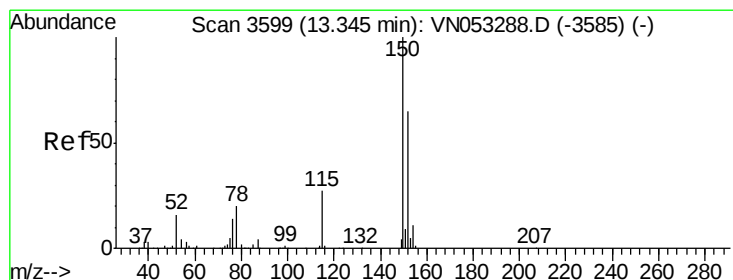
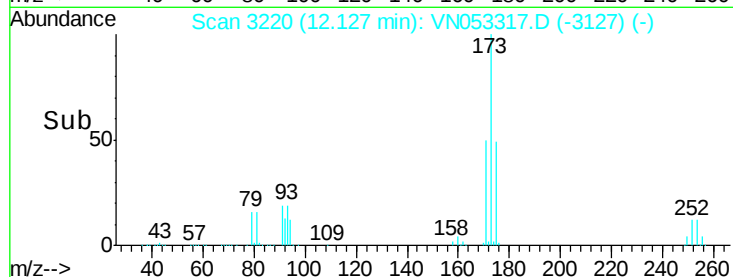
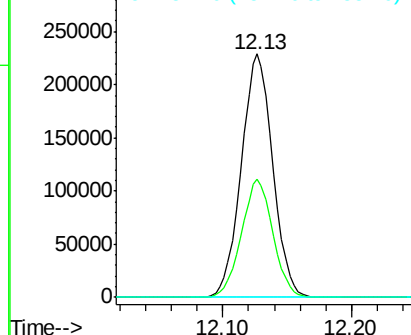
173 100

175 48.4 24.3 72.8

254 0.1 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: VN053317.D

Acq: 8 Jan 2019 17:39

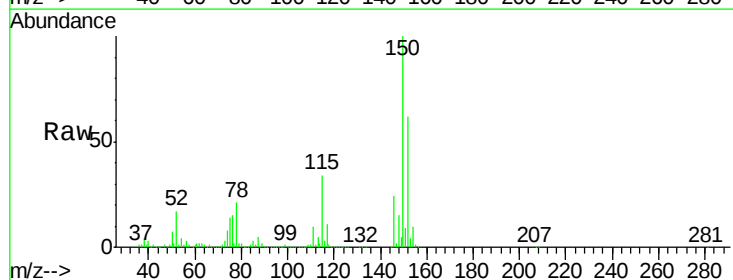
Tgt Ion:152 Resp: 689727

Ion Ratio Lower Upper

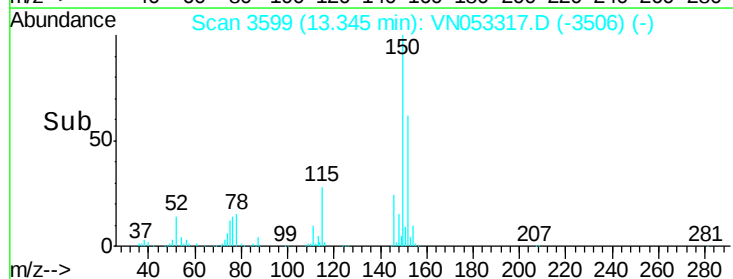
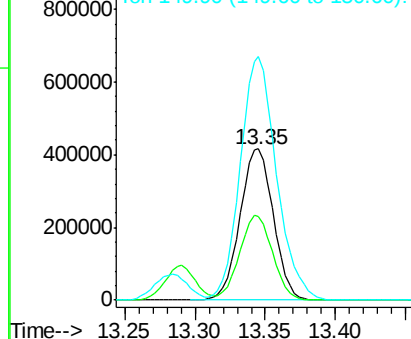
152 100

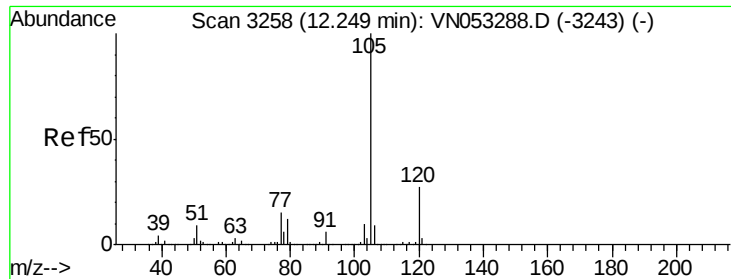
115 55.5 28.0 84.0

150 174.5 0.0 346.6



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

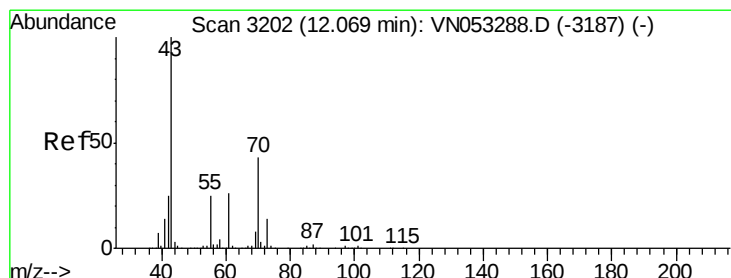
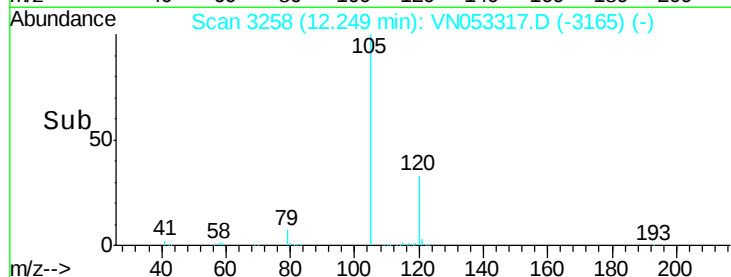
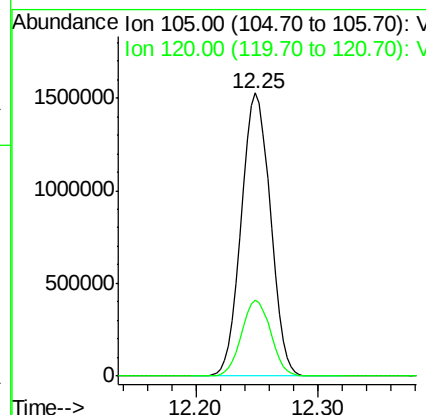
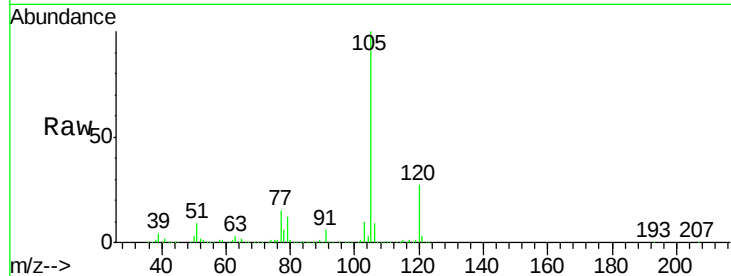




#73  
Isopropylbenzene  
Concen: 49.017 ug/l  
RT: 12.25 min Scan# 3258  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

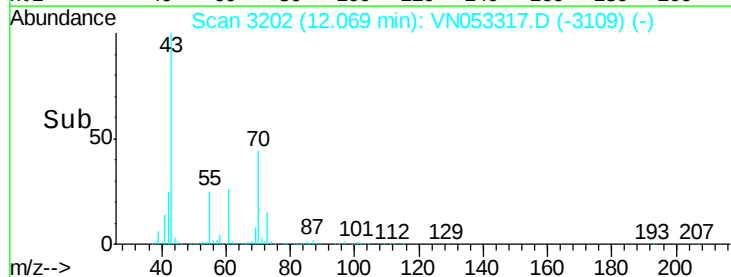
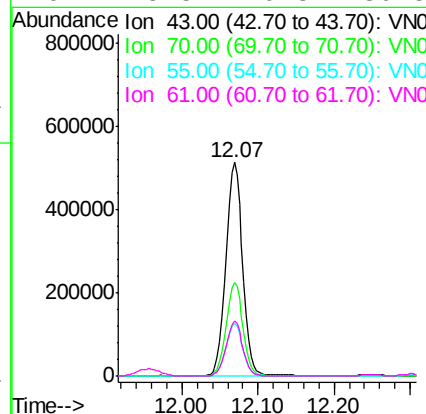
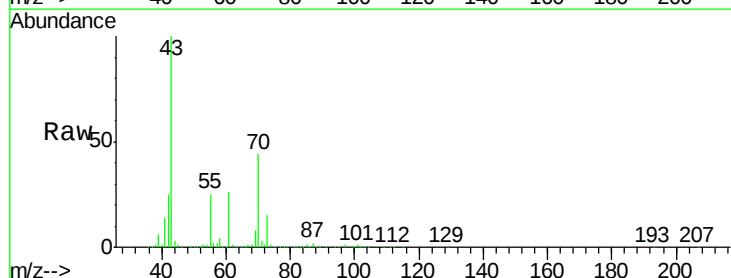
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

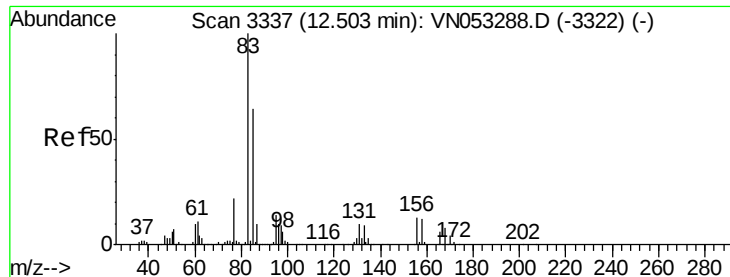
Tot Ion:105 Resp: 2517134  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.4 40.2



#74  
N-ethyl acetate  
Concen: 50.892 ug/l  
RT: 12.07 min Scan# 3202  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion: 43 Resp: 780388  
Ion Ratio Lower Upper  
43 100  
70 44.0 35.0 52.6  
55 24.8 20.0 30.0  
61 25.5 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.097 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

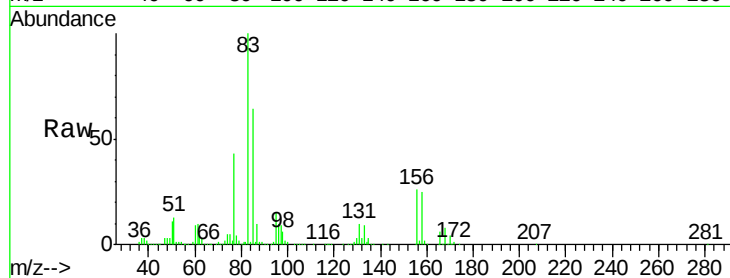
Tot Ion: 83 Resp: 568162

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.9

85 64.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN053317.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN053317.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN053317.D (-3244) (-)

12.51

400000

300000

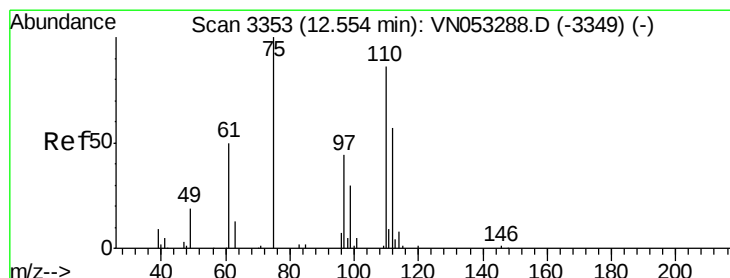
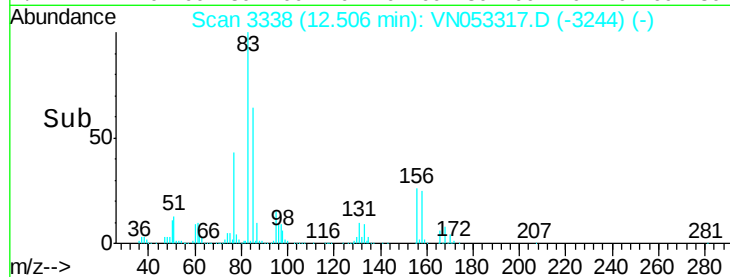
200000

100000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 75.244 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053317.D

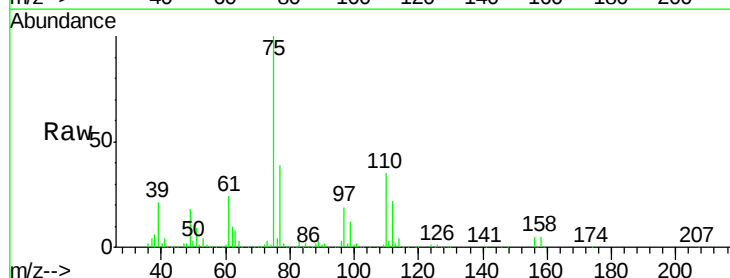
Acq: 8 Jan 2019 17:39

Tgt Ion: 75 Resp: 756954

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053317.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053317.D (-3260) (-)

12.55

600000

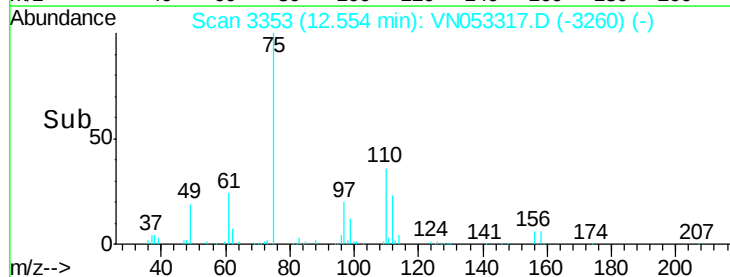
400000

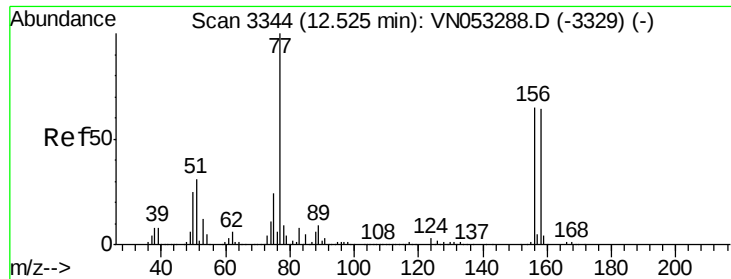
200000

0

12.40 12.50 12.60

Time-->





#77

Bromobenzene

Concen: 49.256 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

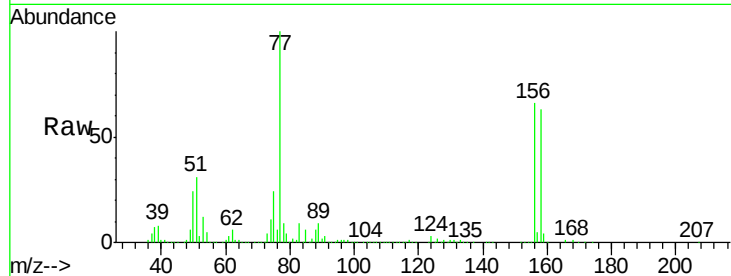
Tot Ion:156 Resp: 675083

Ion Ratio Lower Upper

156 100

77 176.8 89.3 268.1

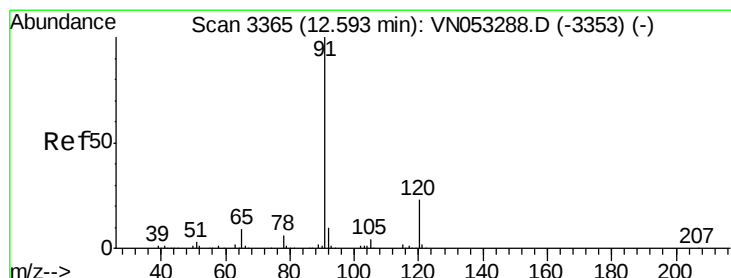
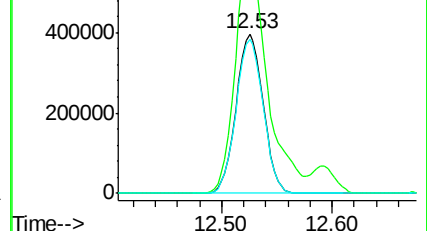
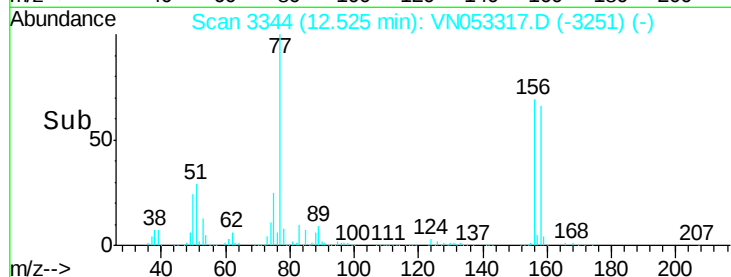
158 96.9 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.831 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053317.D

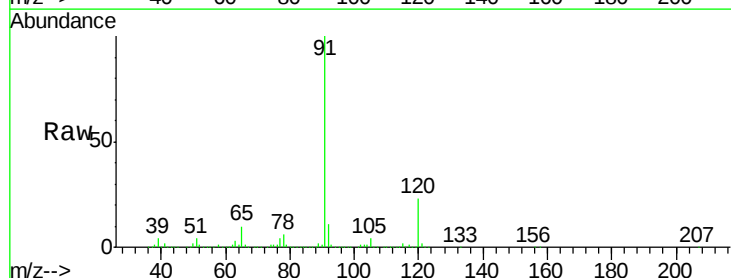
Acq: 8 Jan 2019 17:39

Tgt Ion: 91 Resp: 2894518

Ion Ratio Lower Upper

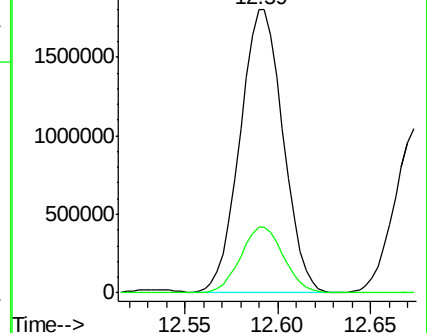
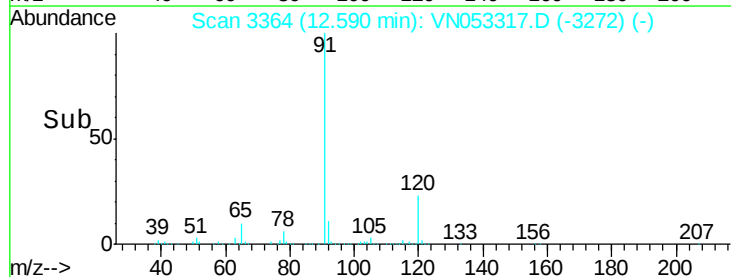
91 100

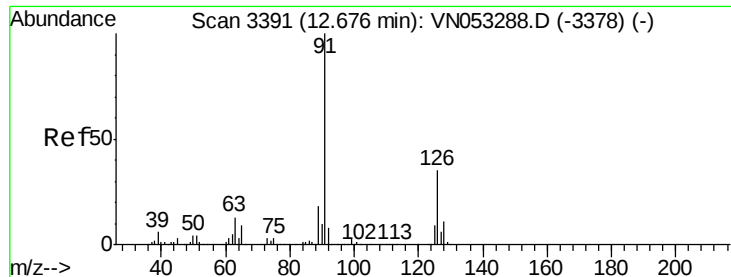
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

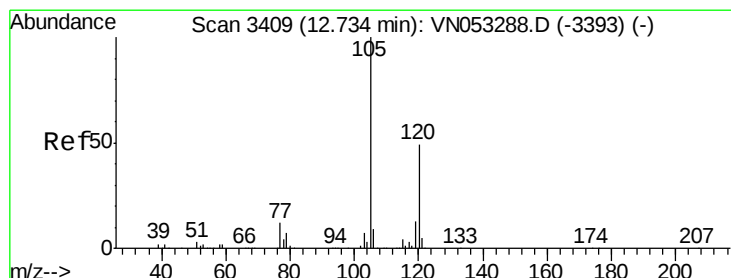
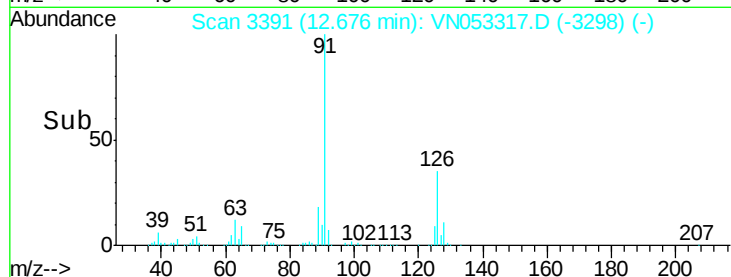
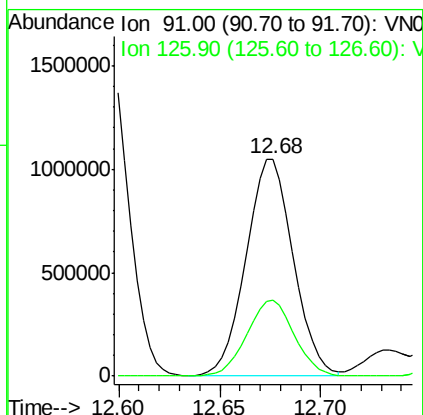
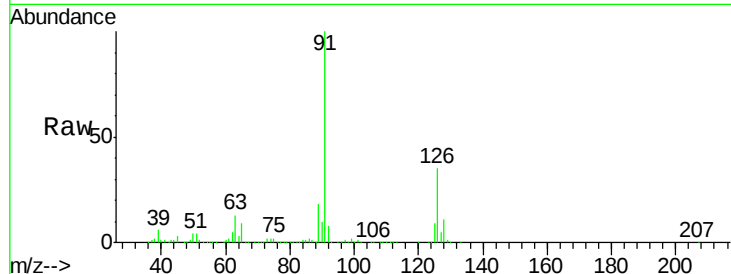




#79  
2-Chlorotoluene  
Concen: 48.804 ug/l  
RT: 12.68 min Scan# 3391  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

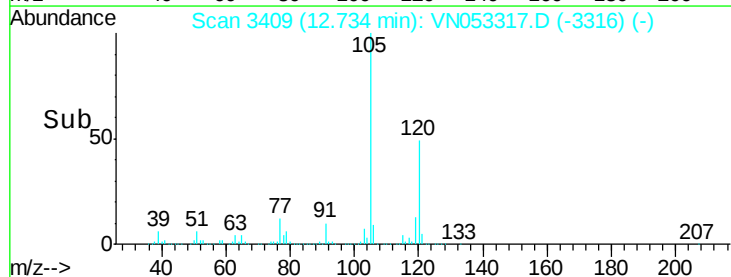
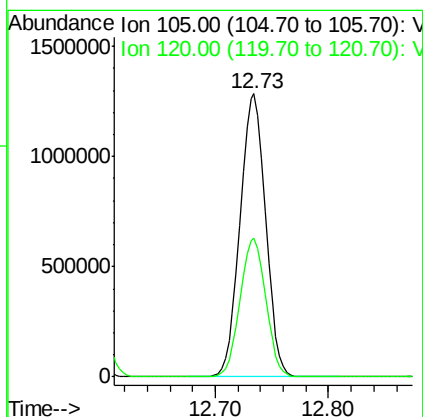
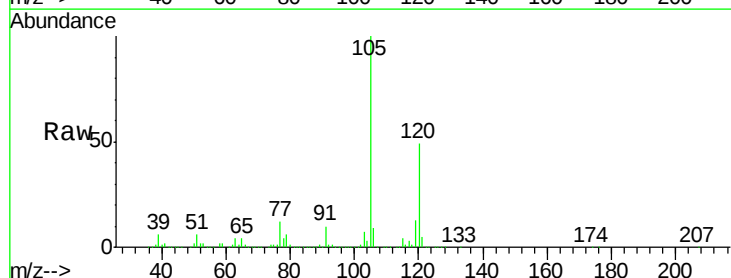
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

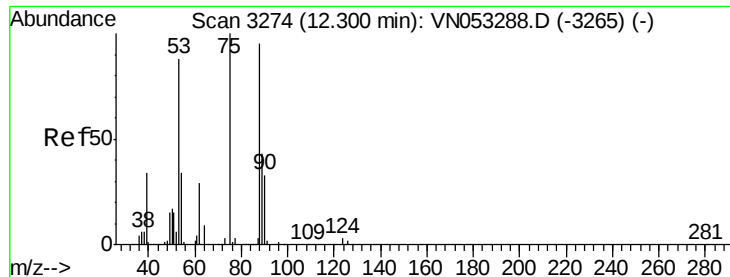
Tot Ion: 91 Resp: 1715321  
Ion Ratio Lower Upper  
91 100  
126 35.3 17.5 52.5



#80  
1,3,5-Trimethylbenzene  
Concen: 49.008 ug/l  
RT: 12.73 min Scan# 3409  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion: 105 Resp: 2027162  
Ion Ratio Lower Upper  
105 100  
120 49.2 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 51.610 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

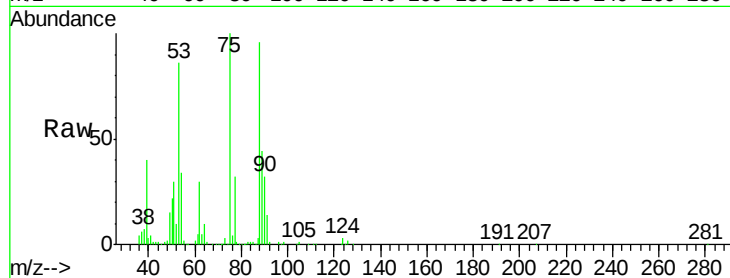
Tot Ion: 75 Resp: 176468

Ion Ratio Lower Upper

75 100

53 87.5 70.5 105.7

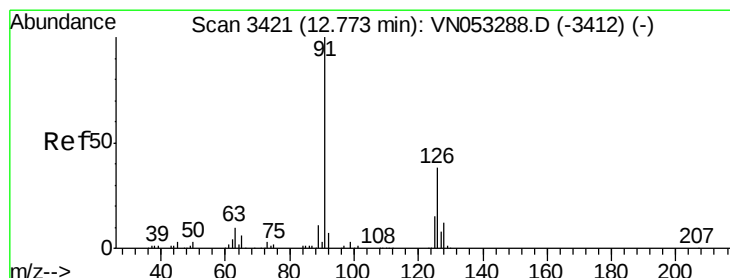
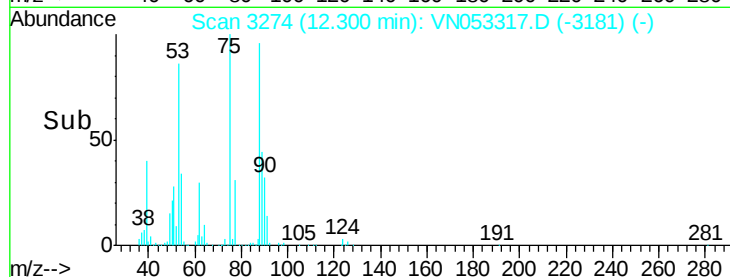
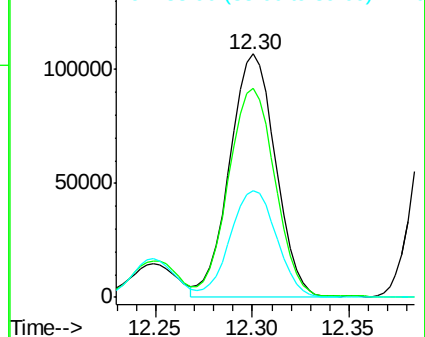
89 44.5 35.4 53.0



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: 49.723 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053317.D

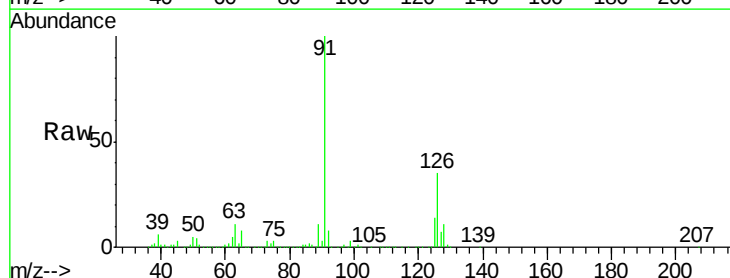
Acq: 8 Jan 2019 17:39

Tgt Ion: 91 Resp: 1792025

Ion Ratio Lower Upper

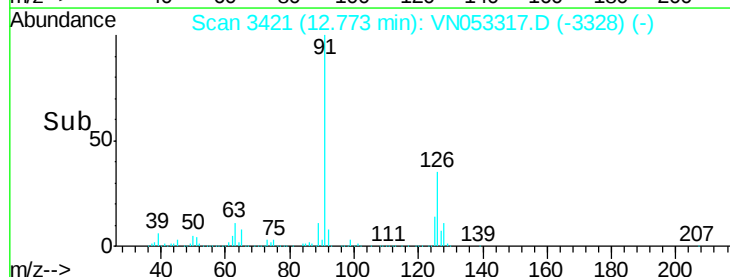
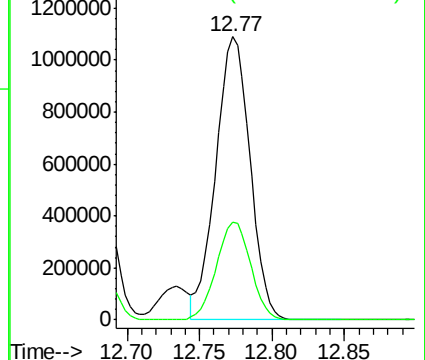
91 100

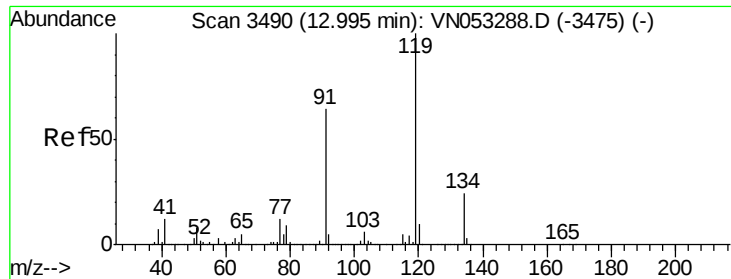
126 34.6 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

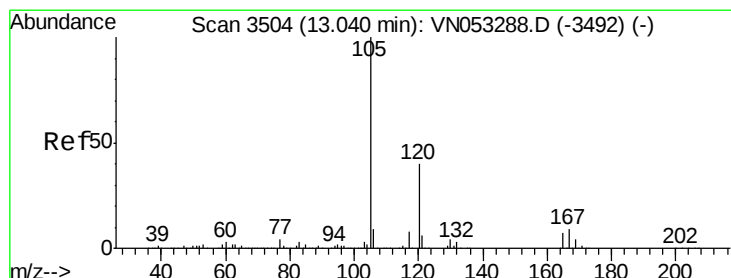
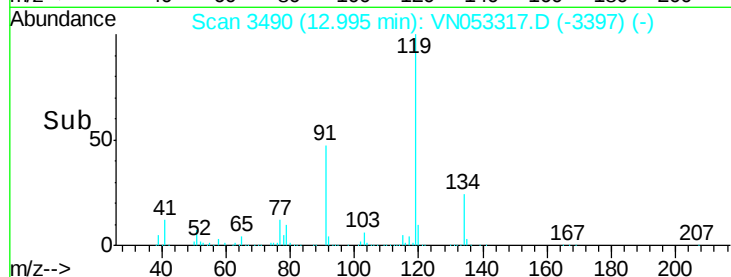
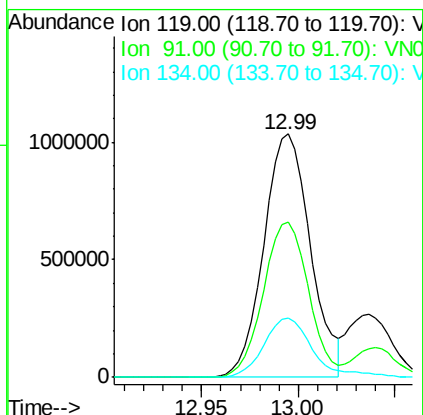
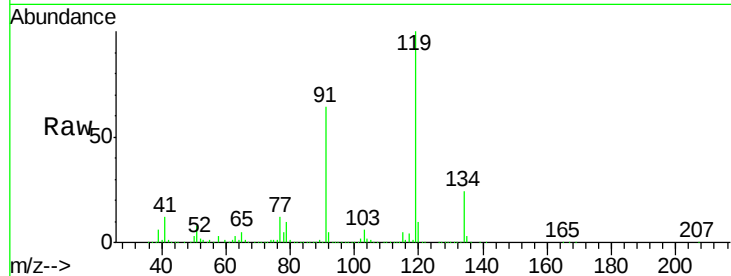




#83  
tert-Butylbenzene  
Concen: 47.828 ug/l  
RT: 12.99 min Scan# 3490  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

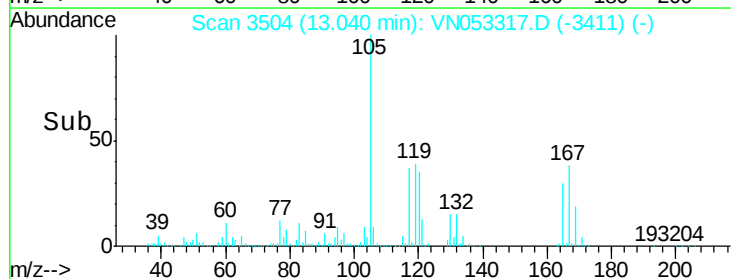
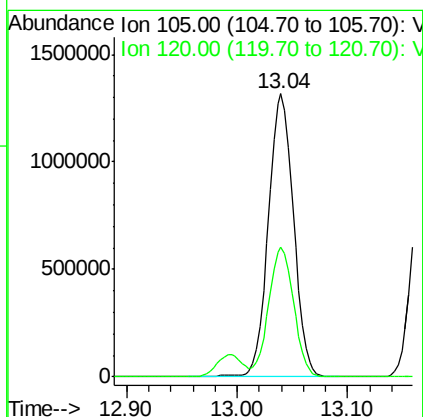
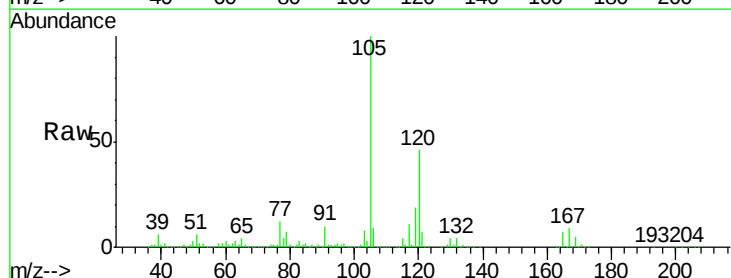
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

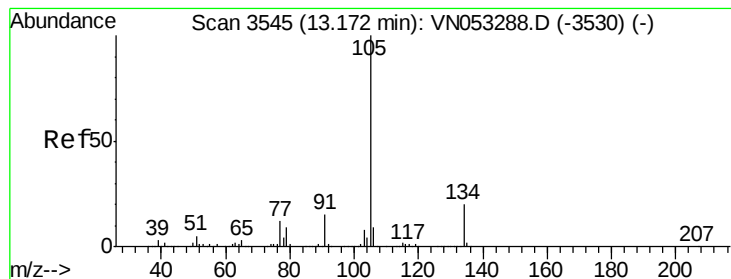
Tot Ion:119 Resp: 1735765  
Ion Ratio Lower Upper  
119 100  
91 62.0 31.6 95.0  
134 25.6 12.9 38.6



#84  
1,2,4-Trimethylbenzene  
Concen: 49.360 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion:105 Resp: 2080037  
Ion Ratio Lower Upper  
105 100  
120 45.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 48.590 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

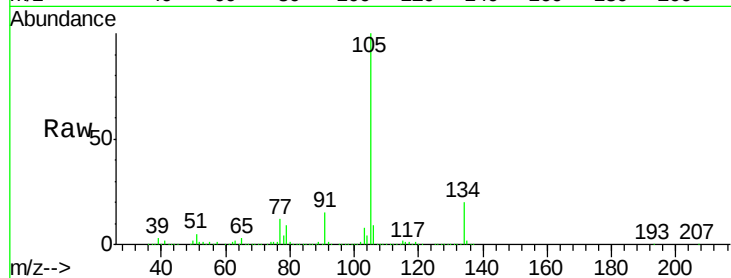
VSTDCCC050EC

Tot Ion:105 Resp: 2325591

Ion Ratio Lower Upper

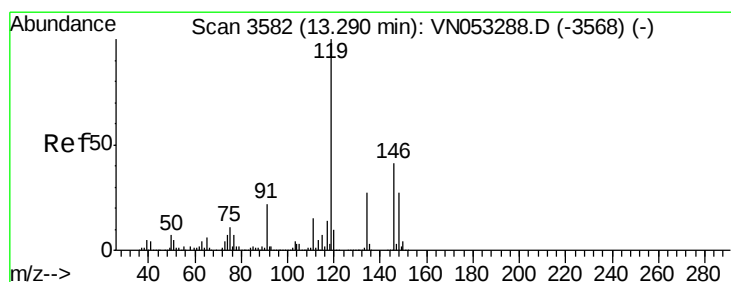
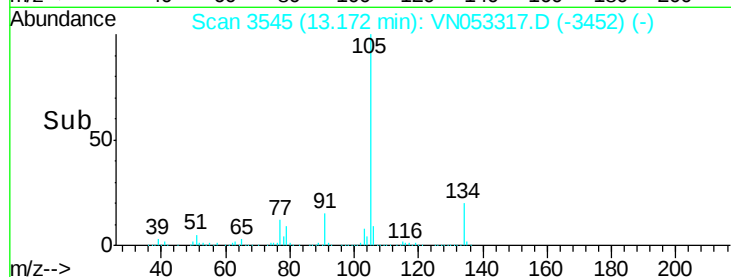
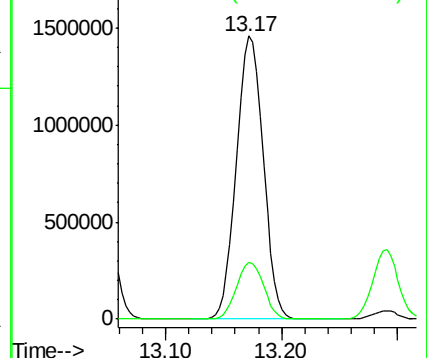
105 100

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



#86

p-Isopropyltoluene

Concen: 49.421 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

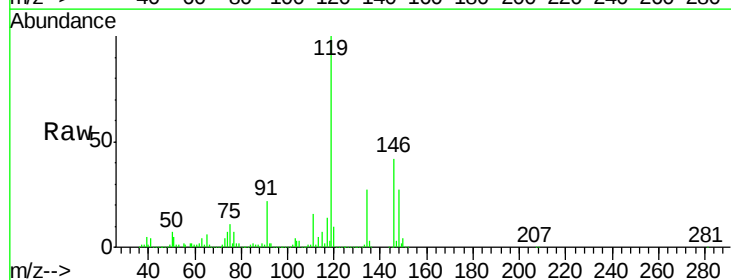
Tgt Ion:119 Resp: 2047973

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

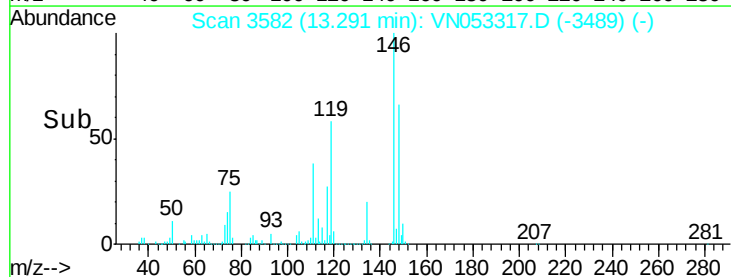
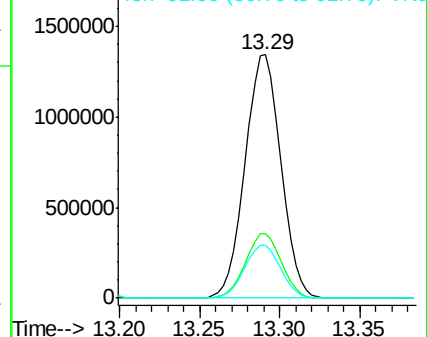
91 21.9 11.1 33.1

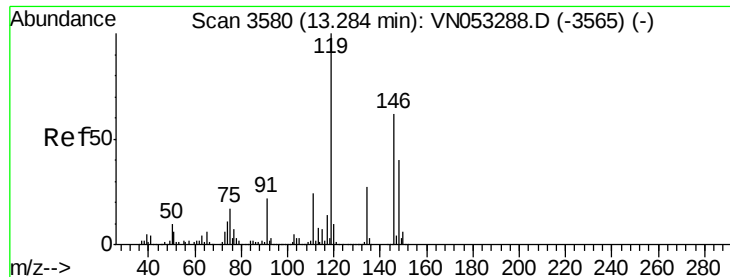


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.127 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

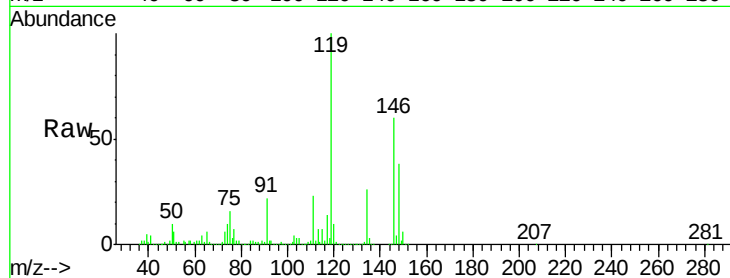
Tot Ion:146 Resp: 1185718

Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.5

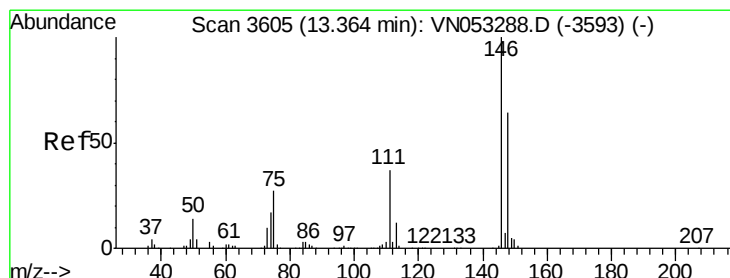
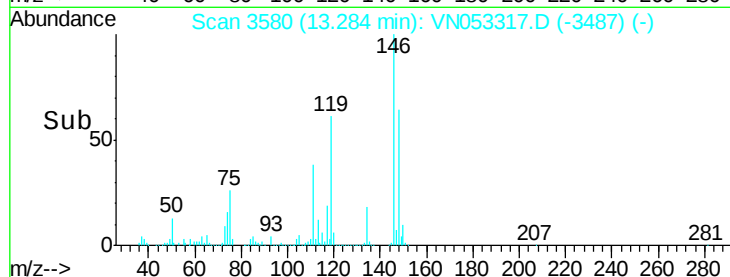
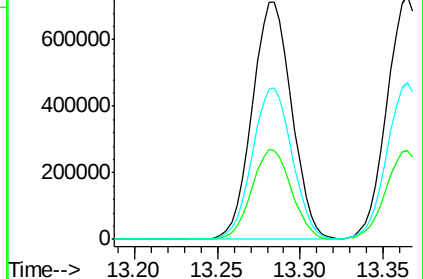
148 64.4 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.143 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

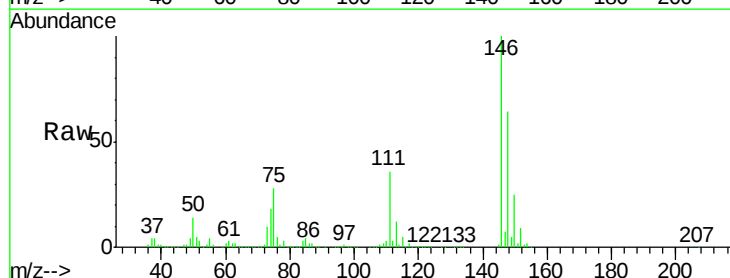
Tgt Ion:146 Resp: 1176596

Ion Ratio Lower Upper

146 100

111 37.1 18.6 55.8

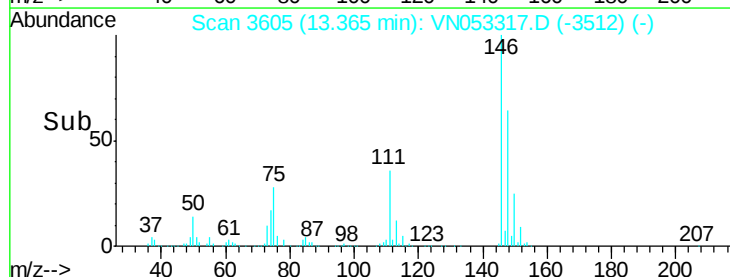
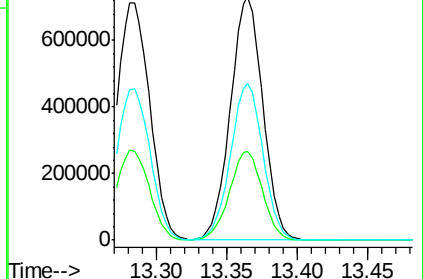
148 64.6 32.0 96.0

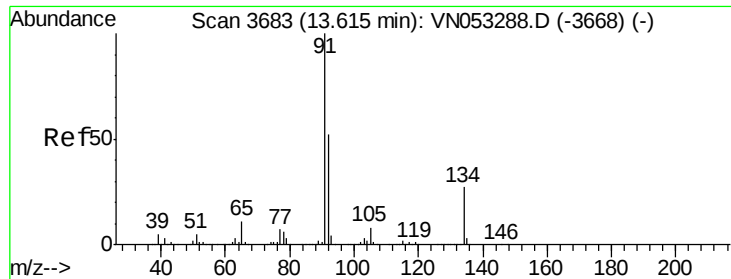


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

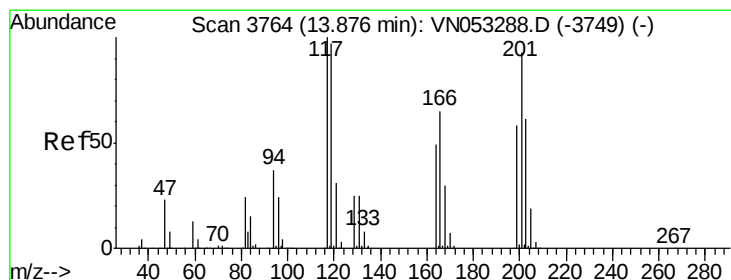
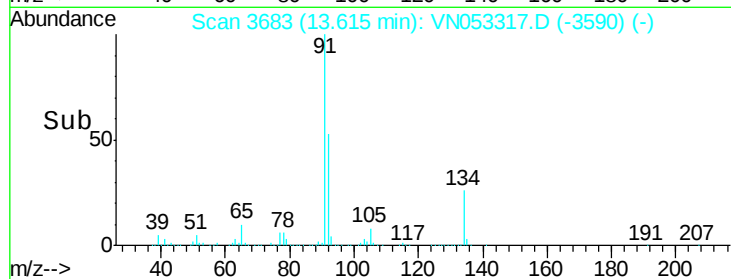
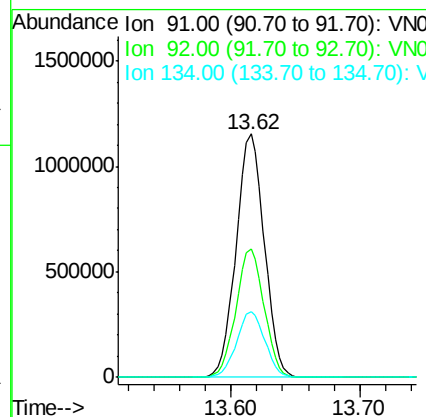
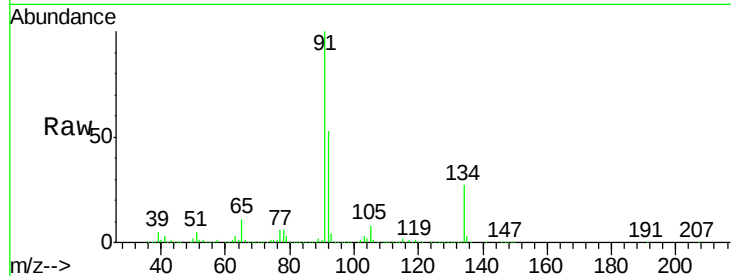




#89  
n-Butylbenzene  
Concen: 50.292 ug/l  
RT: 13.62 min Scan# 3683  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

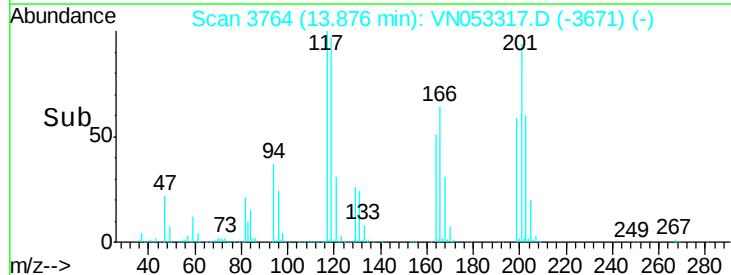
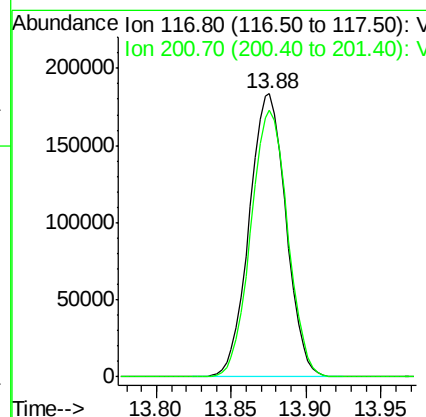
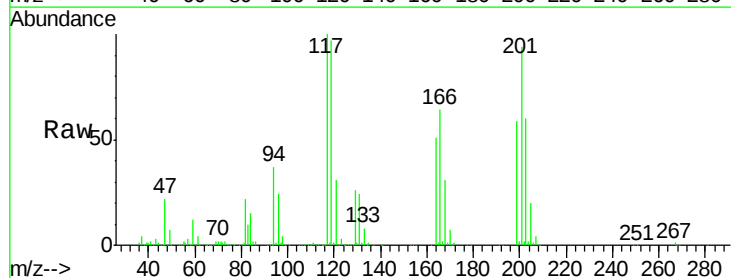
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

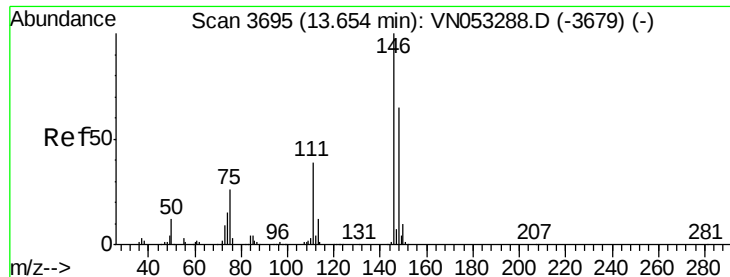
Tot Ion: 91 Resp: 1747288  
Ion Ratio Lower Upper  
91 100  
92 52.6 26.3 78.8  
134 27.1 13.5 40.5



#90  
Hexachloroethane  
Concen: 47.272 ug/l  
RT: 13.88 min Scan# 3764  
Delta R.T. 0.00 min  
Lab File: VN053317.D  
Acq: 8 Jan 2019 17:39

Tgt Ion: 117 Resp: 313974  
Ion Ratio Lower Upper  
117 100  
201 94.2 46.1 138.3

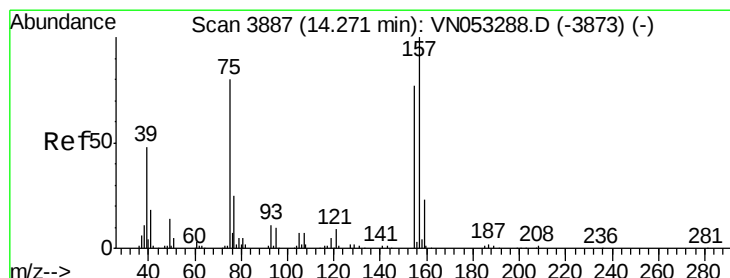
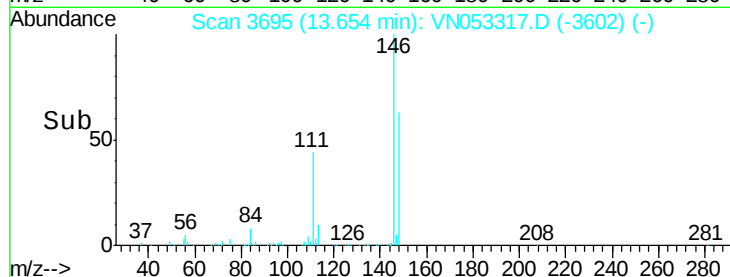
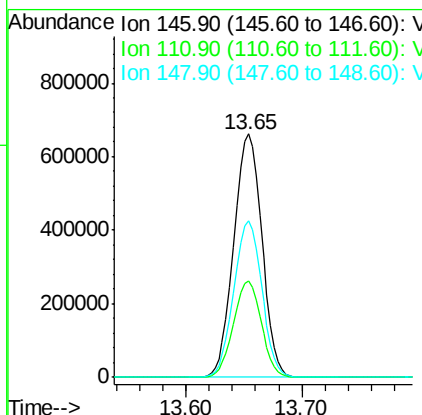
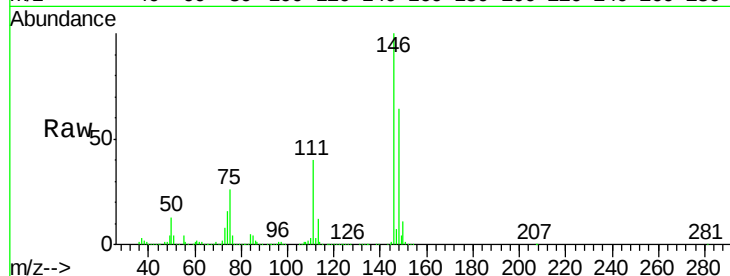




#91  
 1,2-Dichlorobenzene  
 Concen: 49.145 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

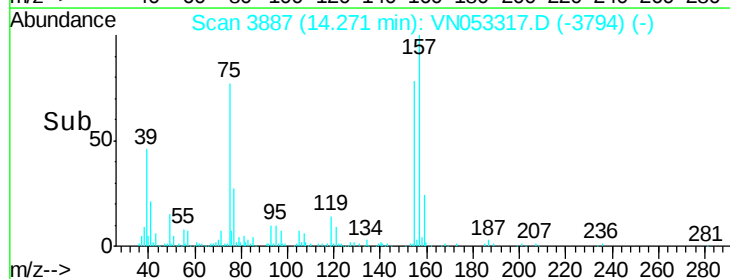
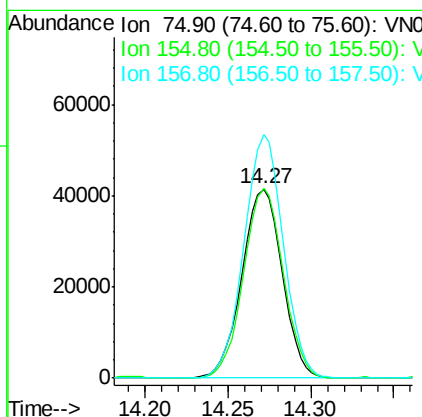
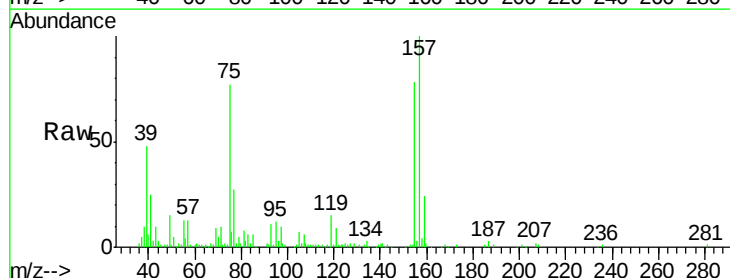
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

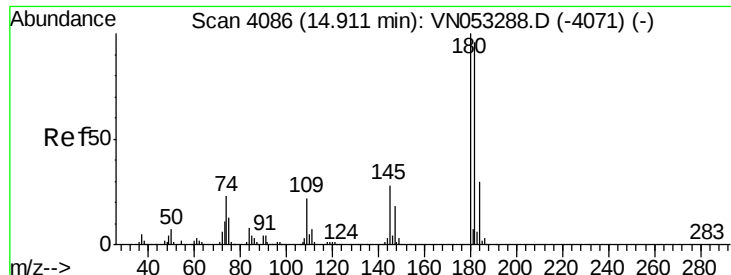
Tot Ion:146 Resp: 1111053  
 Ion Ratio Lower Upper  
 146 100  
 111 39.3 19.4 58.2  
 148 64.1 32.2 96.6



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.032 ug/l  
 RT: 14.27 min Scan# 3887  
 Delta R.T. 0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

Tgt Ion: 75 Resp: 70252  
 Ion Ratio Lower Upper  
 75 100  
 155 98.9 48.1 144.3  
 157 125.6 61.5 184.4

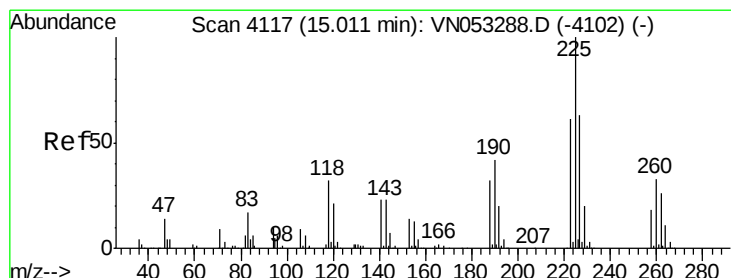
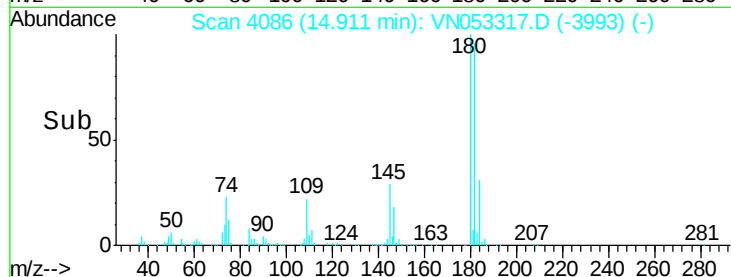
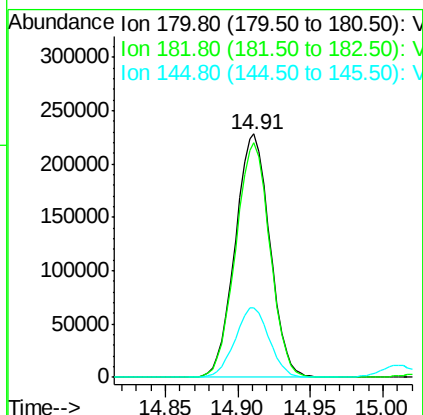
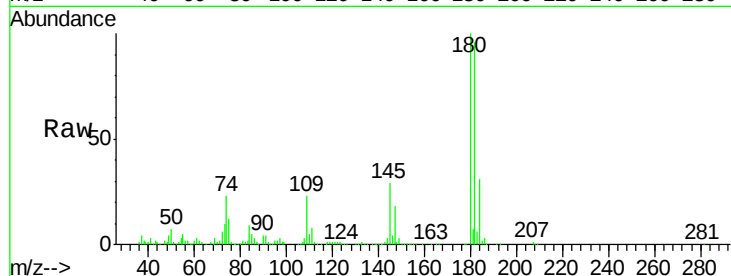




#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.269 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. 0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

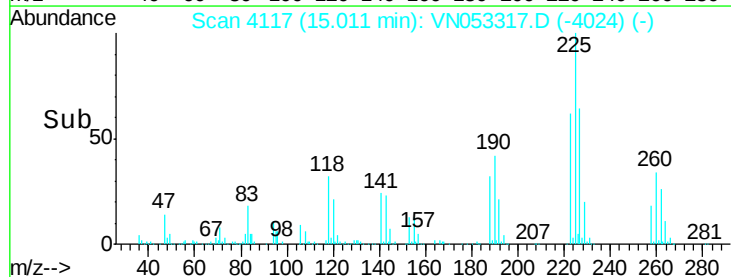
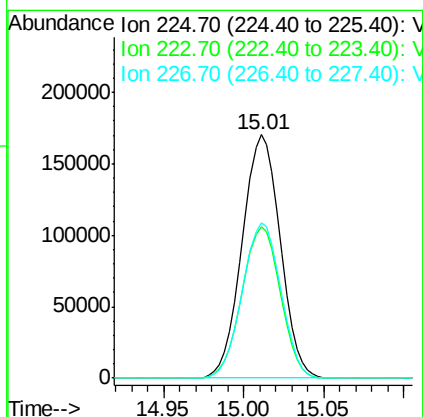
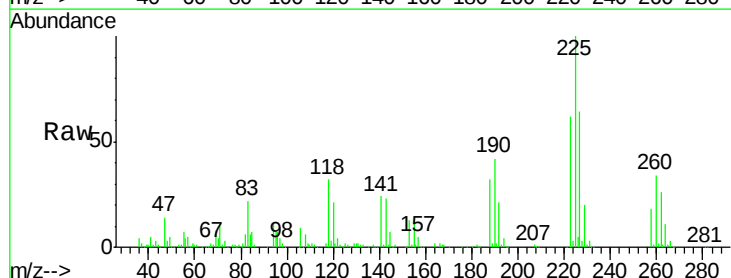
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

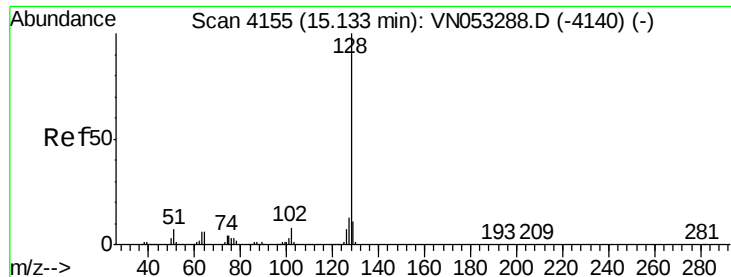
Tot Ion:180 Resp: 378666  
 Ion Ratio Lower Upper  
 180 100  
 182 95.4 47.8 143.4  
 145 28.3 14.4 43.0



#94  
 Hexachlorobutadiene  
 Concen: 47.444 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN053317.D  
 Acq: 8 Jan 2019 17:39

Tgt Ion:225 Resp: 275857  
 Ion Ratio Lower Upper  
 225 100  
 223 62.9 30.9 92.8  
 227 64.8 31.4 94.2





#95

Naphthalene

Concen: 55.574 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050EC

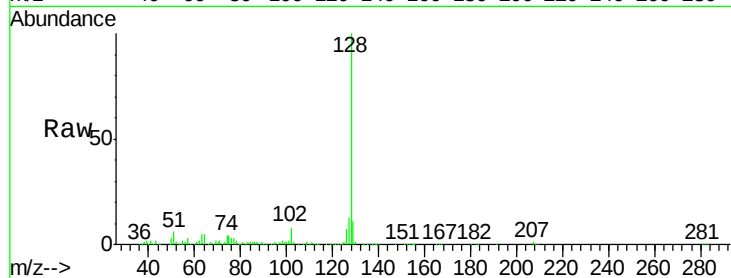
Tot Ion:128 Resp: 673925

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

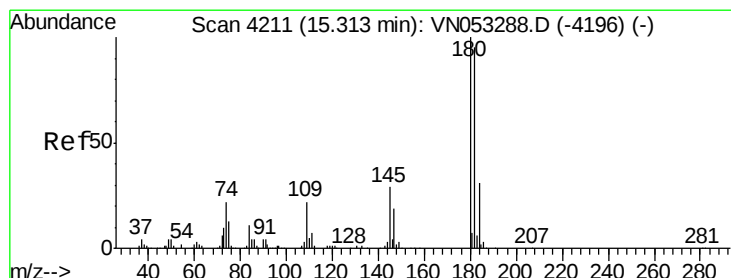
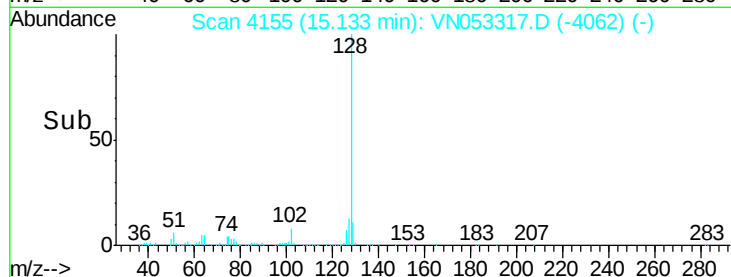
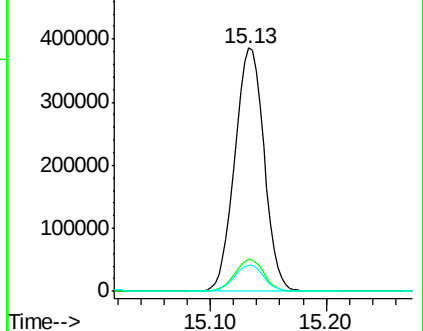
129 10.9 8.7 13.1



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: 53.595 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053317.D

Acq: 8 Jan 2019 17:39

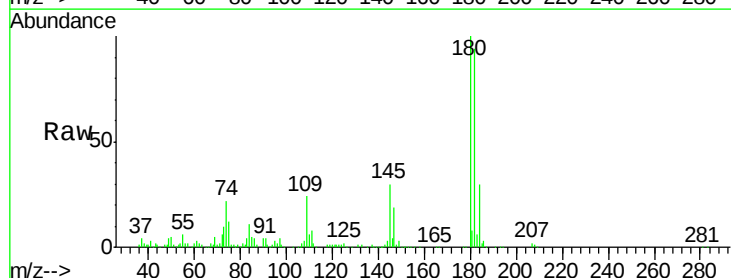
Tgt Ion:180 Resp: 249431

Ion Ratio Lower Upper

180 100

182 94.5 48.4 145.0

145 30.0 14.9 44.5



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

