

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN091018\  
 Data File : VN051071.D  
 Acq On : 10 Sep 2018 11:01  
 Operator : MD\SY  
 Sample : VSTDIC001  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Quant Time: Sep 11 01:57:51 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 11 01:47:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 619459   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 931400   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 797935   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 273749   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 10585    | 1.54 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 3.08% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 9143     | 1.31 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 2.62% |          |
| 50) Toluene-d8              | 10.09 | 98   | 31936    | 1.20 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 2.40% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 10660    | 1.21 | ug/l  | 0.00     |
| Spiked Amount               |       |      | Recovery | =    | 2.42% |          |

| Target Compounds              | R.T. | QIon | Response | Conc  | Units  | Qvalue |
|-------------------------------|------|------|----------|-------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 7519     | 1.259 | ug/l   | 97     |
| 3) Chloromethane              | 2.06 | 50   | 11087    | 1.304 | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.18 | 62   | 9309     | 1.135 | ug/l   | 98     |
| 5) Bromomethane               | 2.57 | 94   | 8843     | 1.609 | ug/l   | 91     |
| 6) Chloroethane               | 2.70 | 64   | 6111     | 1.207 | ug/l   | 93     |
| 7) Trichlorofluoromethane     | 3.01 | 101  | 12230    | 1.126 | ug/l   | 98     |
| 8) Diethyl Ether              | 3.41 | 74   | 3841     | 0.961 | ug/l   | 93     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101  | 8245     | 1.177 | ug/l   | 99     |
| 10) Methyl Iodide             | 3.95 | 142  | 6362     | 1.063 | ug/l # | 92     |
| 11) Tert butyl alcohol        | 4.76 | 59   | 457      | 0.868 | ug/l # | 73     |
| 12) 1,1-Dichloroethene        | 3.74 | 96   | 7465     | 1.130 | ug/l   | 95     |
| 13) Acrolein                  | 3.62 | 56   | 5151     | 8.576 | ug/l   | 92     |
| 14) Allyl chloride            | 4.33 | 41   | 10030    | 0.996 | ug/l   | 99     |
| 15) Acrylonitrile             | 5.00 | 53   | 11119    | 4.766 | ug/l # | 87     |
| 16) Acetone                   | 3.82 | 43   | 11267    | 5.883 | ug/l   | 94     |
| 17) Carbon Disulfide          | 4.06 | 76   | 32447    | 1.492 | ug/l   | 97     |
| 18) Methyl Acetate            | 4.34 | 43   | 6773     | 1.227 | ug/l   | 91     |
| 19) Methyl tert-butyl Ether   | 5.04 | 73   | 7199     | 0.454 | ug/l   | 94     |
| 20) Methylene Chloride        | 4.55 | 84   | 9207     | 1.209 | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 5.05 | 96   | 8606     | 1.201 | ug/l # | 83     |
| 22) Diisopropyl ether         | 5.96 | 45   | 18153    | 0.908 | ug/l   | 92     |
| 23) Vinyl Acetate             | 5.90 | 43   | 58470    | 4.324 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 13151    | 1.037 | ug/l   | 93     |
| 25) 2-Butanone                | 6.85 | 43   | 13210    | 4.874 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 6.83 | 77   | 11518    | 1.110 | ug/l # | 71     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 8296     | 1.055 | ug/l   | 97     |
| 28) Bromochloromethane        | 7.20 | 49   | 6126     | 1.086 | ug/l # | 98     |
| 29) Tetrahydrofuran           | 7.22 | 42   | 7928     | 4.684 | ug/l   | 97     |
| 30) Chloroform                | 7.38 | 83   | 13219    | 1.048 | ug/l   | 99     |
| 31) Cyclohexane               | 7.66 | 56   | 19697    | 1.536 | ug/l # | 21     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 11047    | 1.028 | ug/l # | 50     |
| 36) 1,1-Dichloropropene       | 7.80 | 75   | 10845    | 1.061 | ug/l # | 88     |
| 37) Ethyl Acetate             | 6.93 | 43   | 5219     | 0.881 | ug/l # | 71     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 10387    | 1.032 | ug/l   | 93     |

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 Sample : VSTDIC001  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Quant Time: Sep 11 01:57:51 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 11 01:47:53 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 10826    | 0.960  | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 30697    | 0.996  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.18  | 41   | 2975     | 0.974  | ug/l # | 79       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 9071     | 1.010  | ug/l   | 96       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 9023     | 0.863  | ug/l # | 61       |
| 44) Trichloroethene            | 8.84  | 130  | 9324     | 1.106  | ug/l   | 91       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 7738     | 0.972  | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 5303     | 1.092  | ug/l   | 94       |
| 47) Bromodichloromethane       | 9.41  | 83   | 9548     | 0.967  | ug/l   | 89       |
| 48) Methyl methacrylate        | 9.21  | 41   | 4538     | 0.891  | ug/l   | 89       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 1385     | 17.343 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 24353    | 4.214  | ug/l   | 95       |
| 52) Toluene                    | 10.16 | 92   | 17197    | 0.915  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 8576     | 0.867  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 10476    | 0.904  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 6626     | 0.971  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 6061     | 0.742  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 10728    | 0.948  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 11772    | 3.526  | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.75 | 43   | 17148    | 4.375  | ug/l   | 88       |
| 60) Dibromochloromethane       | 10.90 | 129  | 6975     | 0.907  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 5968     | 0.894  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 8395     | 1.153  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.43 | 112  | 21315    | 1.060  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 7262     | 1.003  | ug/l # | 64       |
| 67) Ethyl Benzene              | 11.51 | 91   | 30414    | 0.934  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 21638    | 1.729  | ug/l   | 96       |
| 69) o-Xylene                   | 11.95 | 106  | 10819    | 0.893  | ug/l   | 99       |
| 70) Styrene                    | 11.97 | 104  | 14143    | 0.752  | ug/l   | 96       |
| 71) Bromoform                  | 12.13 | 173  | 4404     | 0.864  | ug/l # | 94       |
| 73) Isopropylbenzene           | 12.25 | 105  | 24945    | 1.087  | ug/l   | 97       |
| 74) N-amyl acetate             | 12.07 | 43   | 6222     | 1.077  | ug/l # | 89       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 8175     | 1.337  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.56 | 75   | 8912     | 1.958  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 7613     | 1.235  | ug/l   | 86       |
| 78) n-propylbenzene            | 12.59 | 91   | 26342    | 1.044  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 18633    | 1.181  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 19488    | 1.050  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 1297     | 0.900  | ug/l # | 66       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 18038    | 1.152  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 17638    | 1.076  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 16811    | 0.921  | ug/l   | 93       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 21585    | 1.027  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 16120    | 0.905  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 13035    | 1.246  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.28 | 146  | 13035    | 1.264  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.61 | 91   | 13161    | 0.949  | ug/l   | 91       |
| 90) Hexachloroethane           | 13.87 | 117  | 4994     | 1.371  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 12945    | 1.270  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 1414     | 1.585  | ug/l   | 60       |

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Acq On : 10 Sep 2018 11:01  
Operator : MD\SY  
Sample : VSTDICC001  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 9 Sample Multiplier: 1

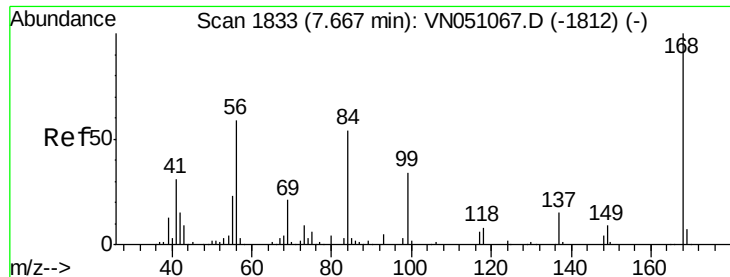
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC001

Quant Time: Sep 11 01:57:51 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091018W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 11 01:47:53 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 5102     | 1.163 | ug/l  | 86       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 5907     | 1.645 | ug/l  | 96       |
| 95) Naphthalene            | 15.13 | 128  | 12900    | 1.387 | ug/l  | 96       |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 6340     | 1.394 | ug/l  | 94       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

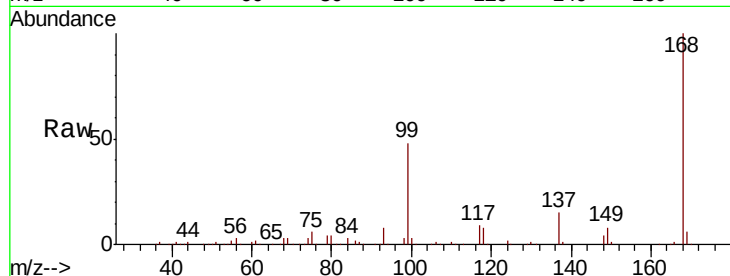
VSTDIC001

Tgt Ion:168 Resp: 619459

Ion Ratio Lower Upper

168 100

99 48.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

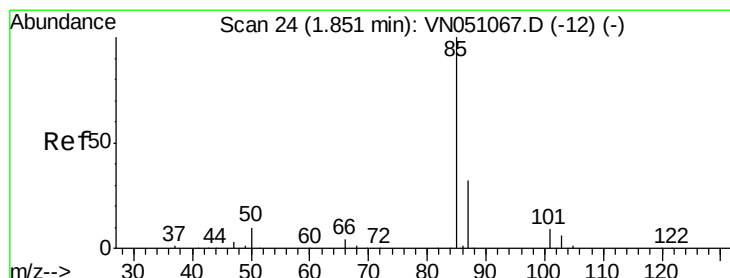
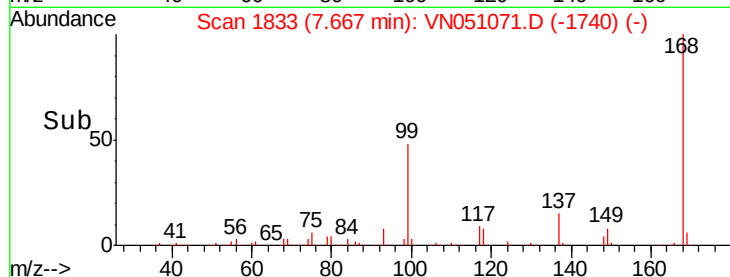
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 1.259 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051071.D

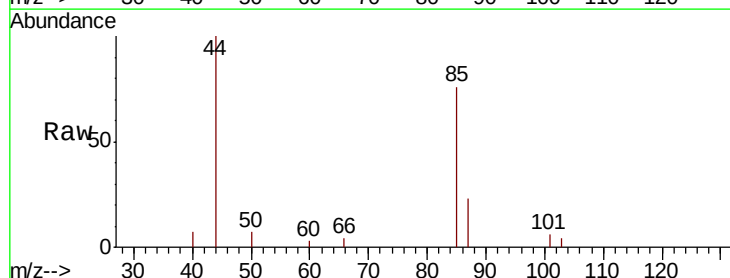
Acq: 10 Sep 2018 11:01

Tgt Ion: 85 Resp: 7519

Ion Ratio Lower Upper

85 100

87 29.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

6000

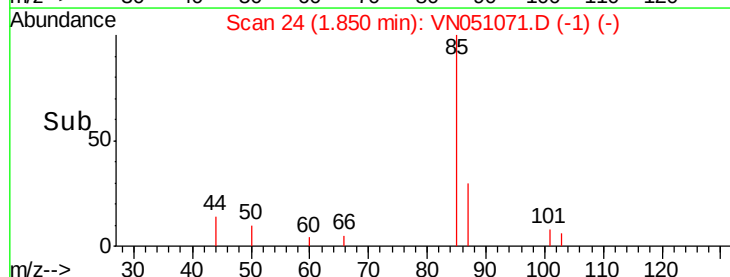
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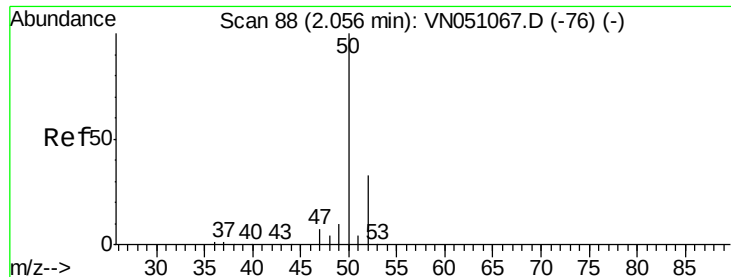
2000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 1.304 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

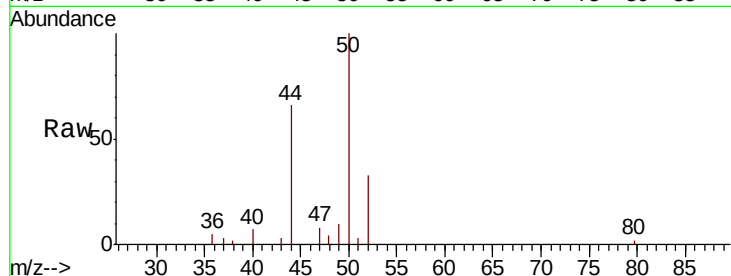
VSTDIC001

Tgt Ion: 50 Resp: 11087

Ion Ratio Lower Upper

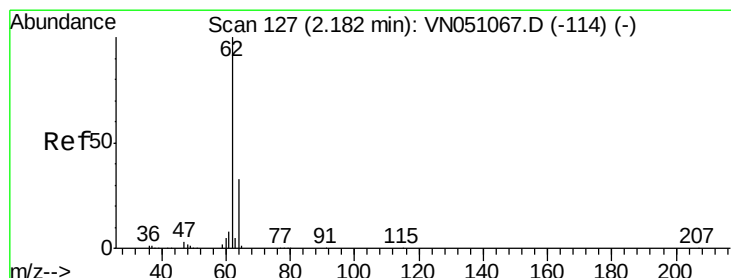
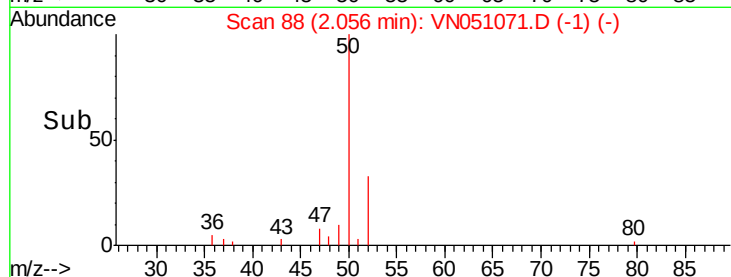
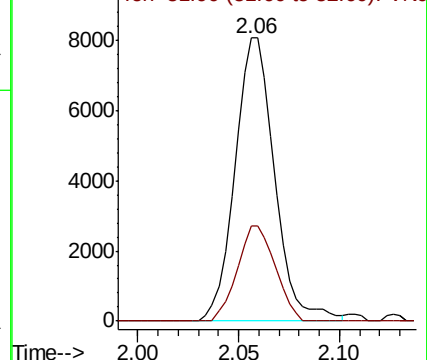
50 100

52 33.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 1.135 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051071.D

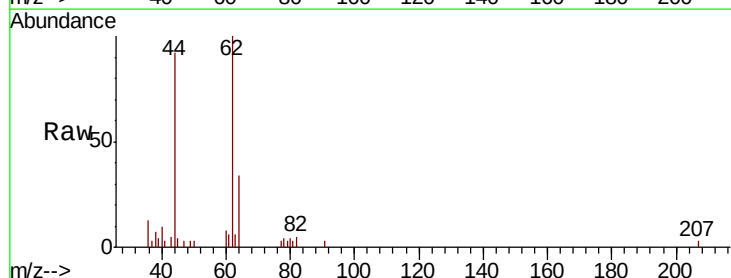
Acq: 10 Sep 2018 11:01

Tgt Ion: 62 Resp: 9309

Ion Ratio Lower Upper

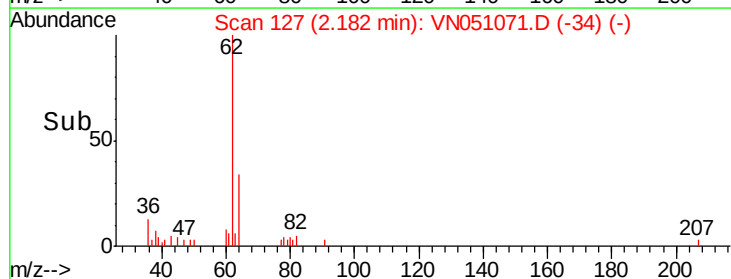
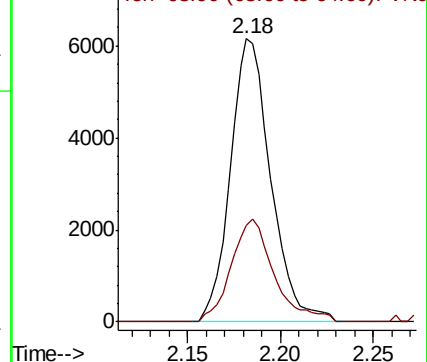
62 100

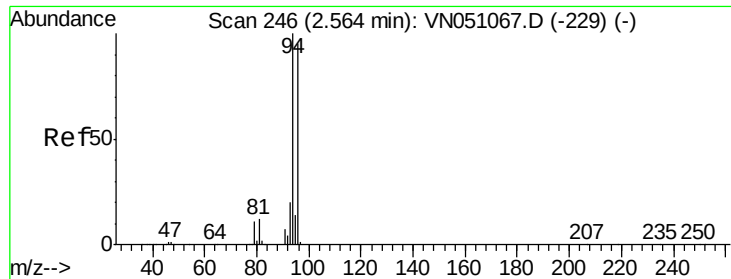
64 34.0 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 1.609 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

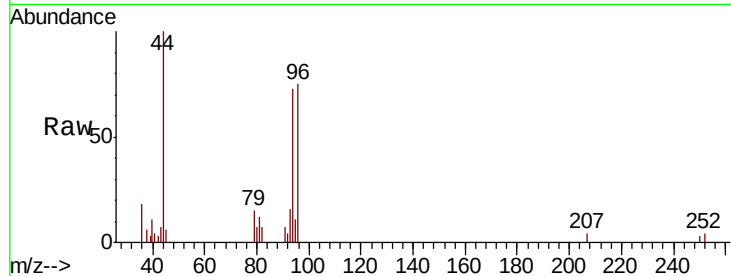
VSTDIC001

Tgt Ion: 94 Resp: 8843

Ion Ratio Lower Upper

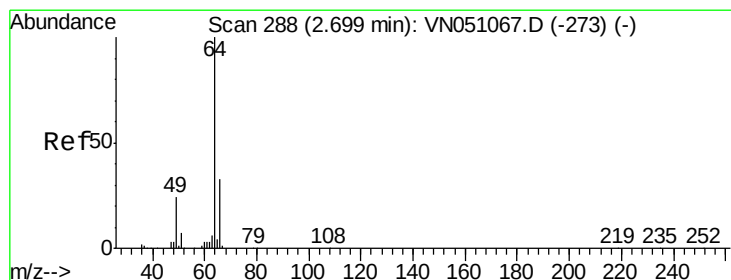
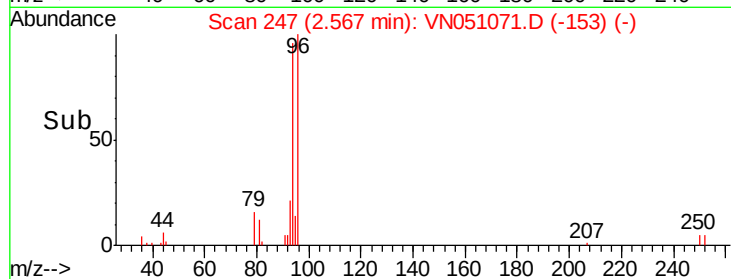
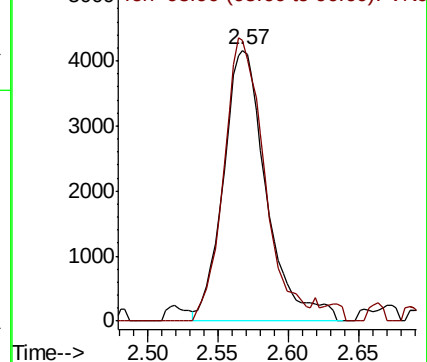
94 100

96 103.7 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051071.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN051071.D (-153) (-)



#6

Chloroethane

Concen: 1.207 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051071.D

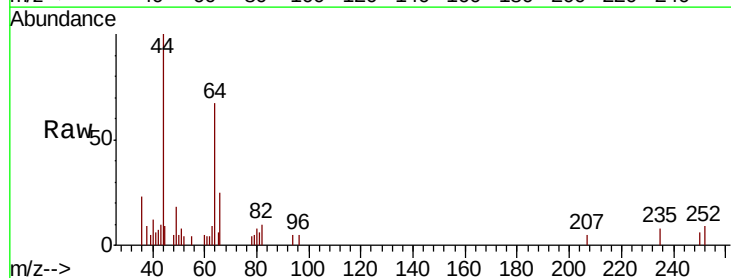
Acq: 10 Sep 2018 11:01

Tgt Ion: 64 Resp: 6111

Ion Ratio Lower Upper

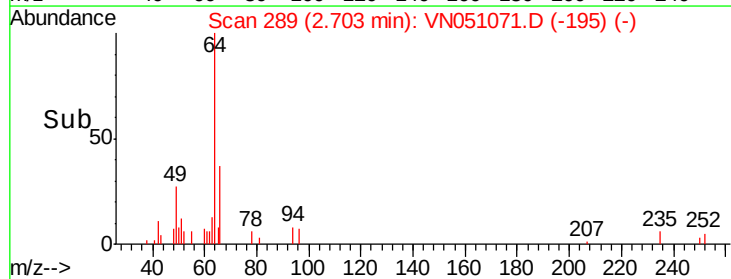
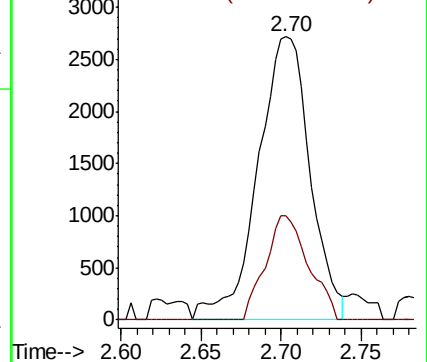
64 100

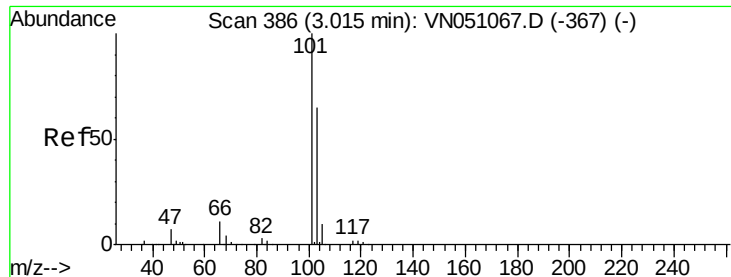
66 36.8 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN051071.D (-195) (-)

Ion 65.90 (65.60 to 66.60): VN051071.D (-195) (-)



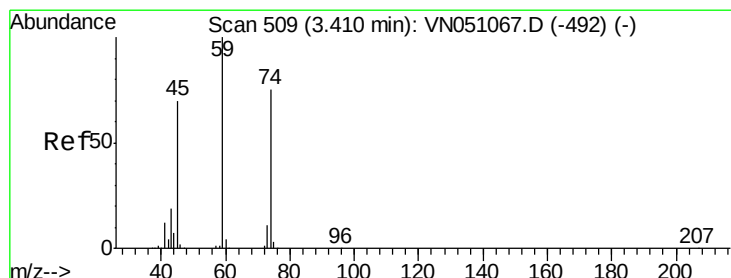
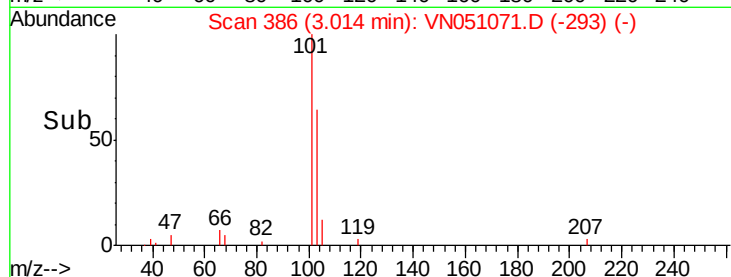
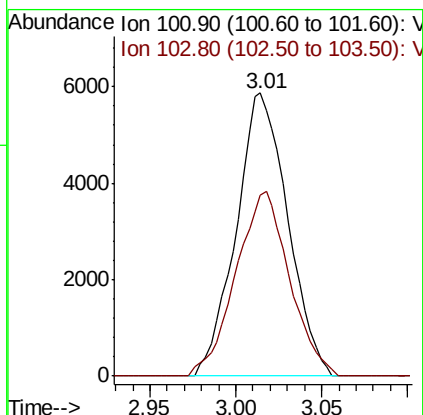
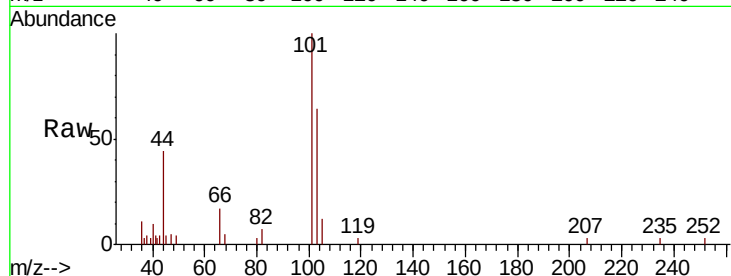


#7

Trichlorofluoromethane  
 Concen: 1.126 ug/l  
 RT: 3.01 min Scan# 386  
 Delta R.T. -0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

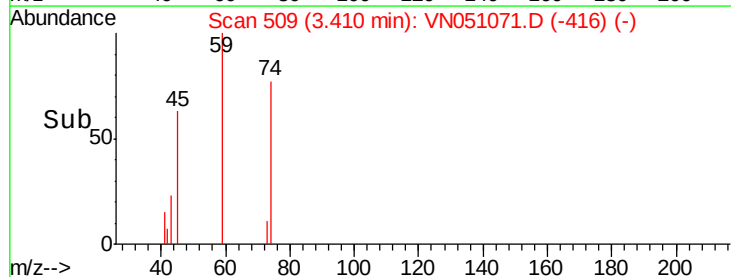
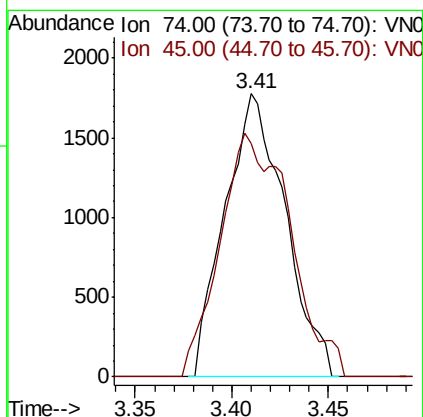
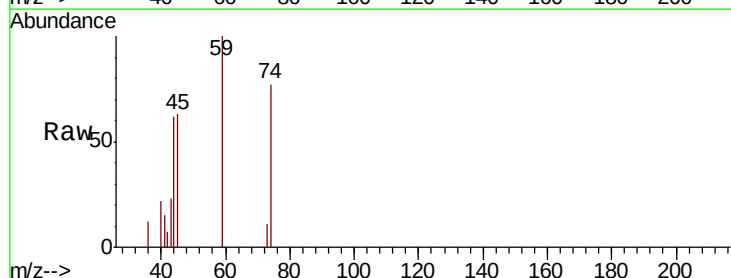
Tgt Ion: 101 Resp: 12230  
 Ion Ratio Lower Upper  
 101 100  
 103 64.1 52.4 78.6



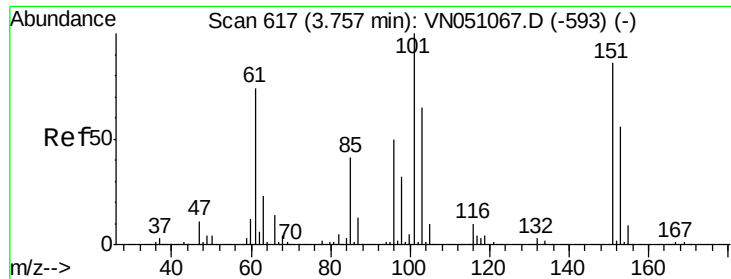
#8

Diethyl Ether  
 Concen: 0.961 ug/l  
 RT: 3.41 min Scan# 509  
 Delta R.T. -0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Tgt Ion: 74 Resp: 3841  
 Ion Ratio Lower Upper  
 74 100  
 45 100.4 46.7 140.0



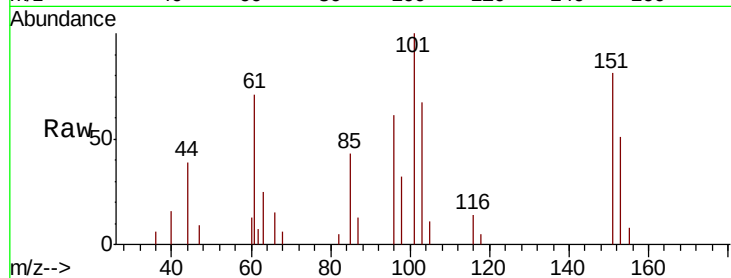




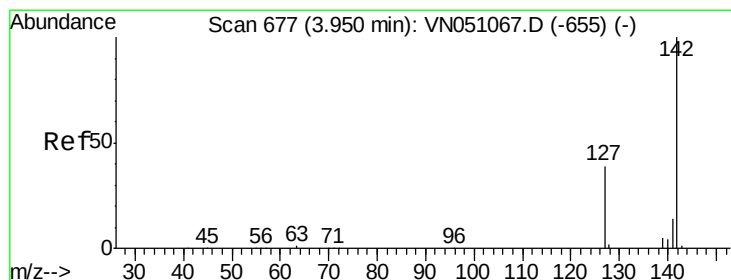
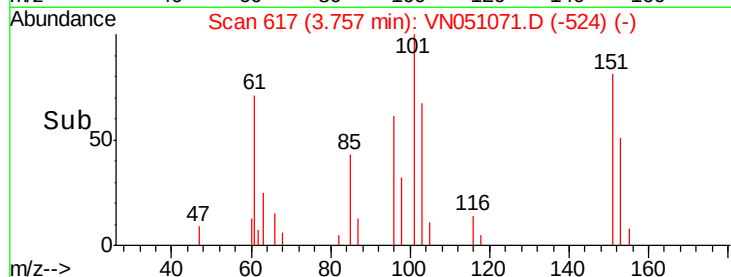
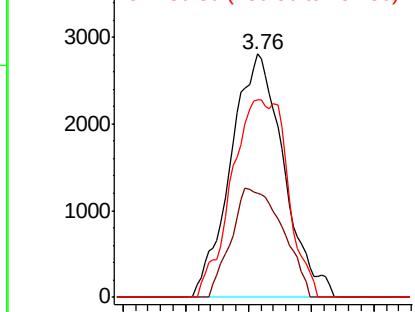
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 1.177 ug/l  
 RT: 3.76 min Scan# 617  
 Delta R.T. -0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tgt Ion:101 Resp: 8245  
 Ion Ratio Lower Upper  
 101 100  
 85 43.3 33.3 49.9  
 151 85.5 68.2 102.2

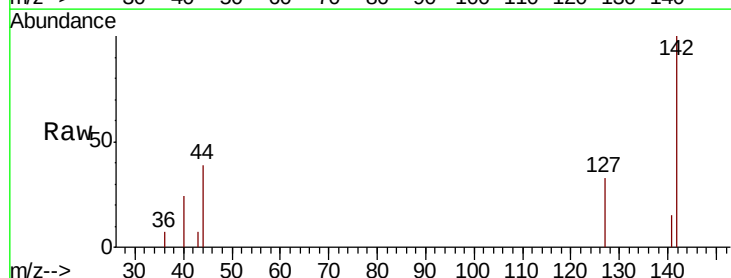


Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 84.90 (84.60 to 85.60): V  
 Ion 150.80 (150.50 to 151.50): V

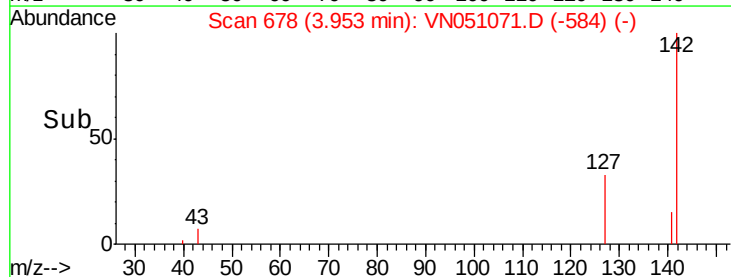
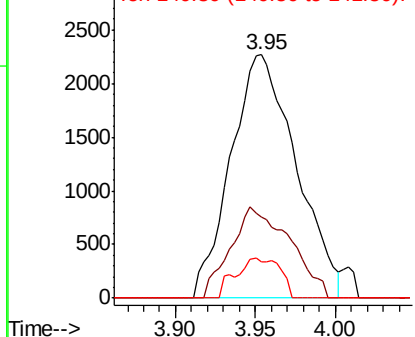


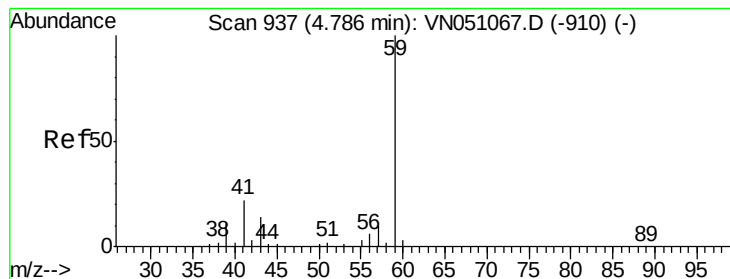
#10  
 Methyl Iodide  
 Concen: 1.063 ug/l  
 RT: 3.95 min Scan# 678  
 Delta R.T. 0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Tgt Ion:142 Resp: 6362  
 Ion Ratio Lower Upper  
 142 100  
 127 34.0 31.0 46.4  
 141 11.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V  
 Ion 126.80 (126.50 to 127.50): V  
 Ion 140.80 (140.50 to 141.50): V



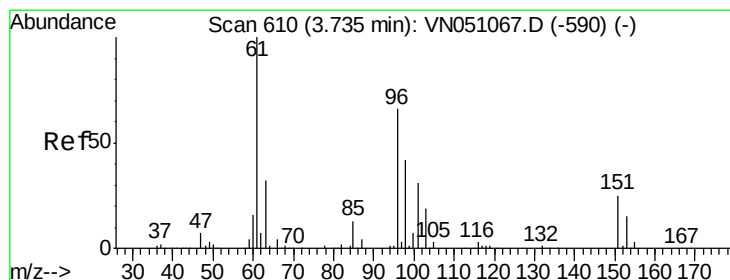
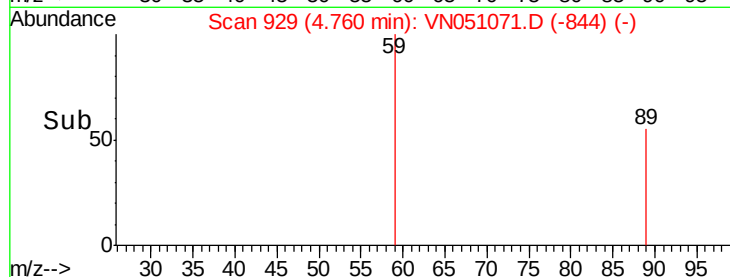
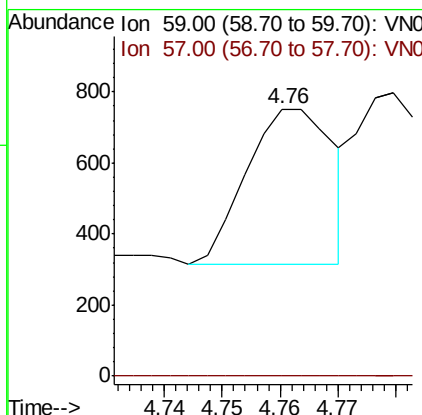
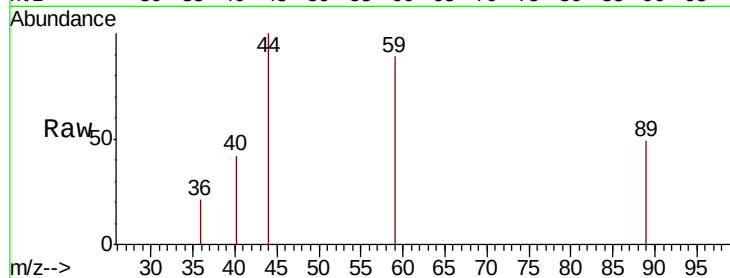


#11

Tert butyl alcohol  
 Concen: 0.868 ug/l  
 RT: 4.76 min Scan# 929  
 Delta R.T. -0.03 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC001

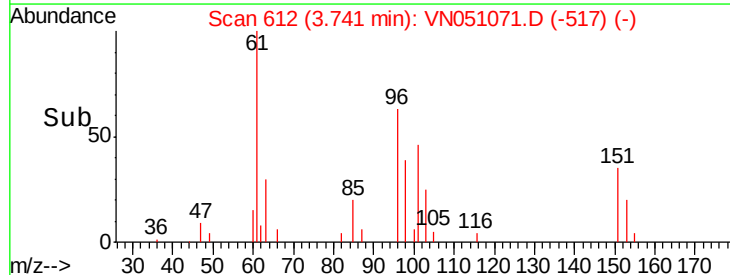
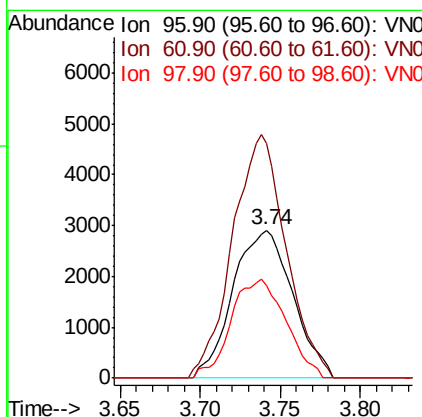
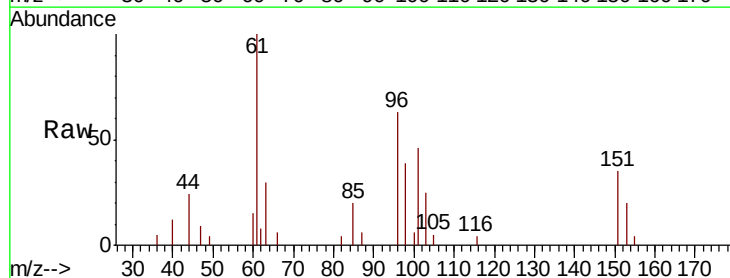
Tgt Ion: 59 Resp: 457  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 8.1 12.1#

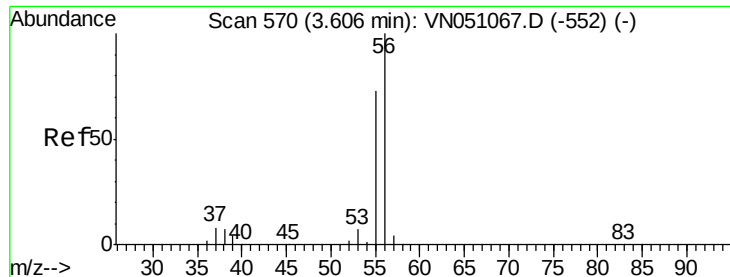


#12

1,1-Dichloroethene  
 Concen: 1.130 ug/l  
 RT: 3.74 min Scan# 612  
 Delta R.T. 0.01 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Tgt Ion: 96 Resp: 7465  
 Ion Ratio Lower Upper  
 96 100  
 61 158.8 120.3 180.5  
 98 62.4 50.8 76.2





#13

Acrolein

Concen: 8.576 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

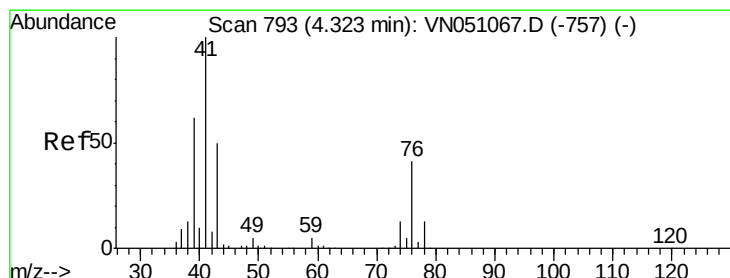
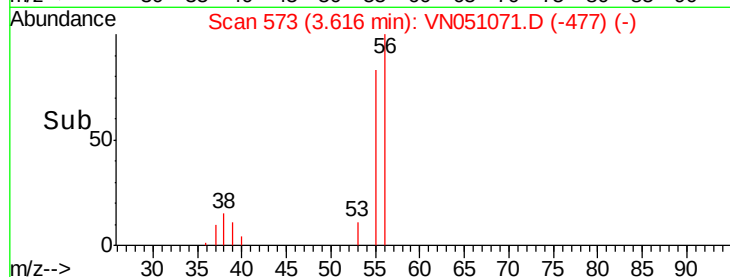
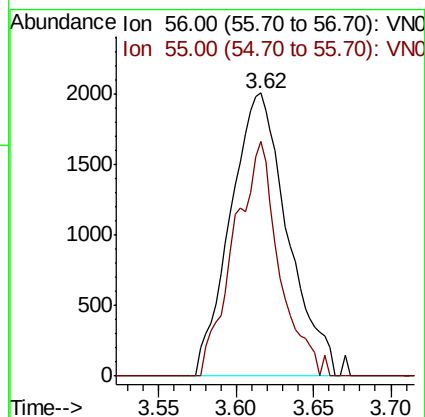
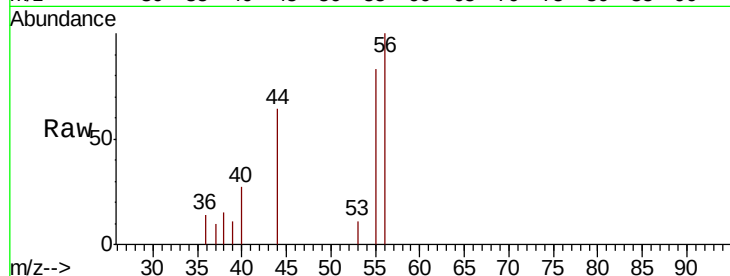
VSTDIC001

Tgt Ion: 56 Resp: 5151

Ion Ratio Lower Upper

56 100

55 66.1 58.0 87.0



#14

Allyl chloride

Concen: 0.996 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

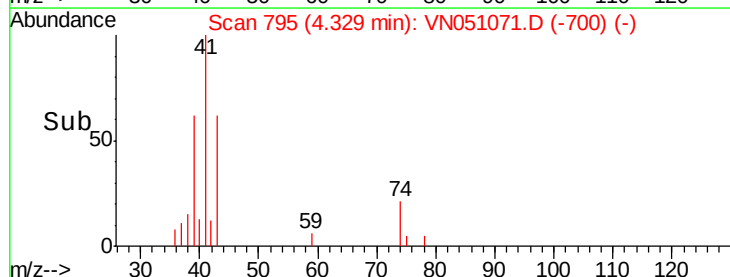
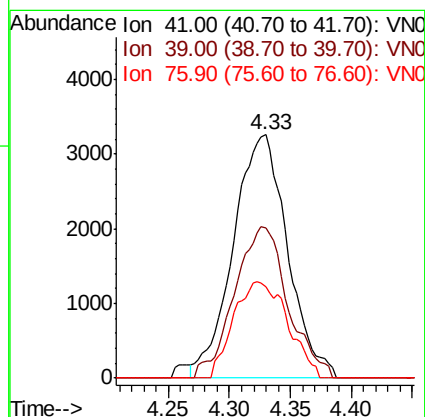
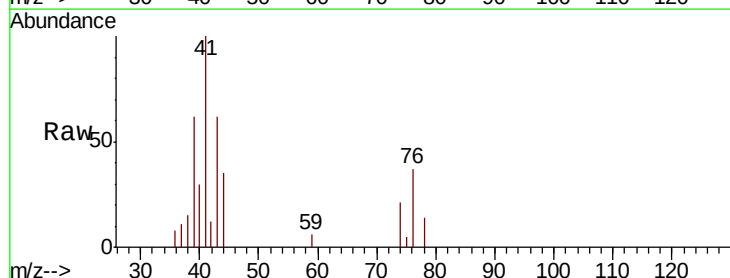
Tgt Ion: 41 Resp: 10030

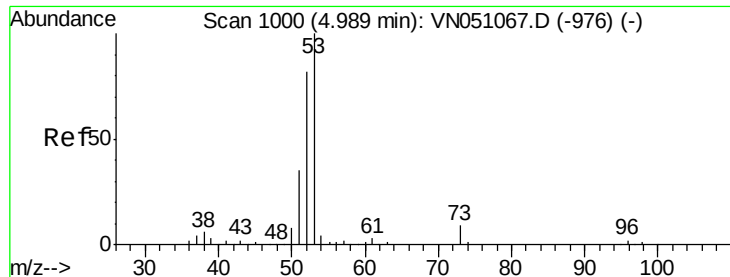
Ion Ratio Lower Upper

41 100

39 61.4 48.8 73.2

76 39.7 30.6 45.8

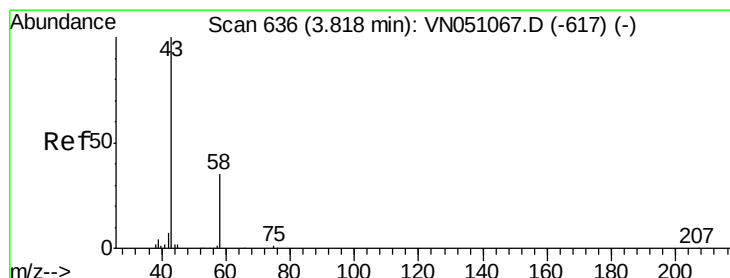
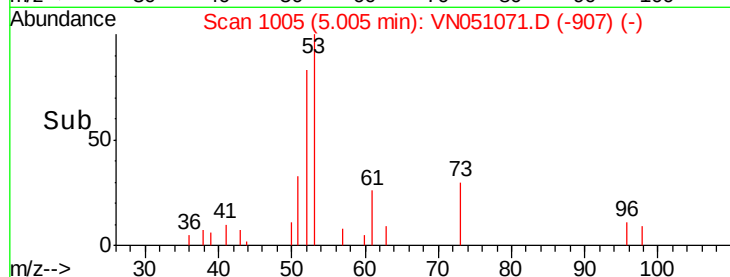
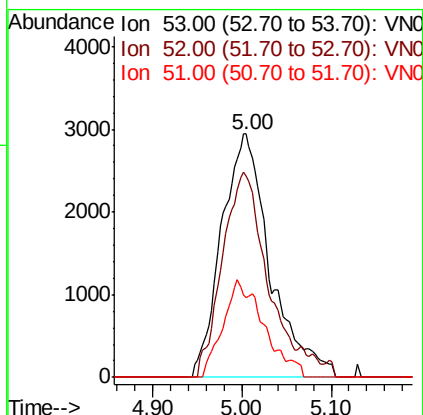
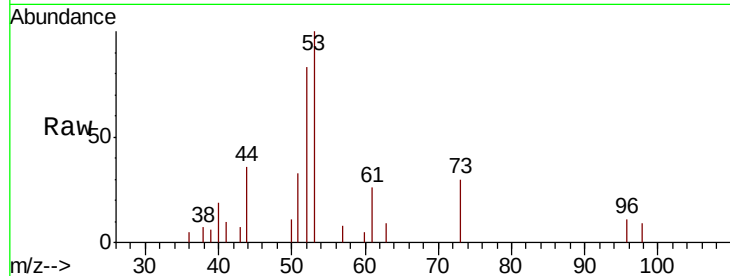




#15  
 Acrylonitrile  
 Concen: 4.766 ug/l  
 RT: 5.00 min Scan# 1005  
 Delta R.T. 0.02 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

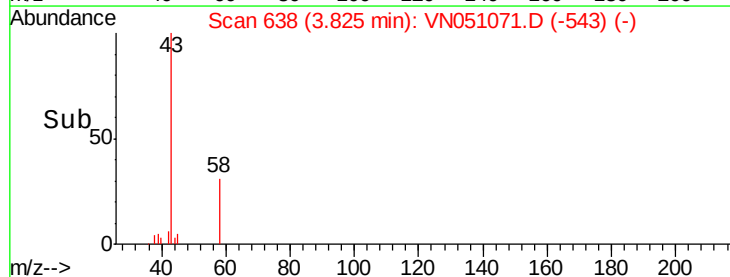
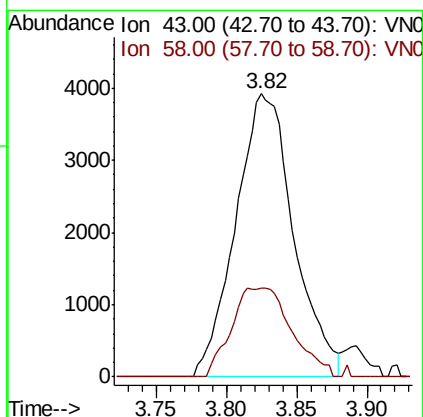
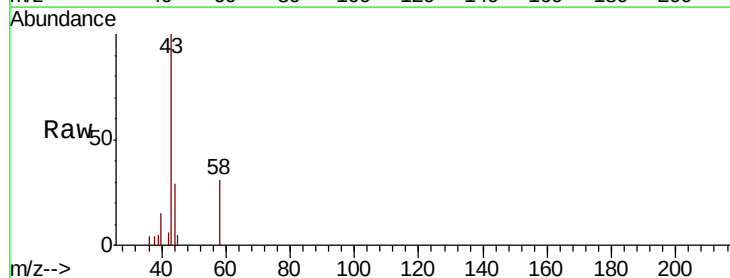
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

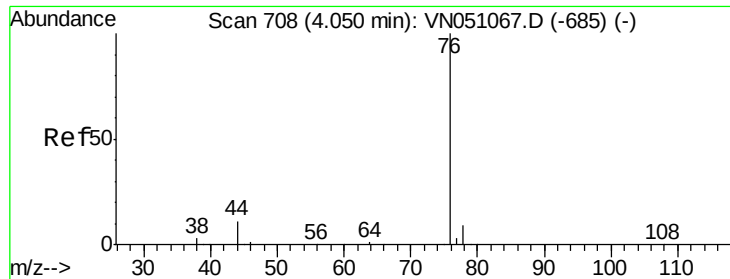
Tgt Ion: 53 Resp: 11119  
 Ion Ratio Lower Upper  
 53 100  
 52 75.9 65.3 97.9  
 51 18.3 28.2 42.2#



#16  
 Acetone  
 Concen: 5.883 ug/l  
 RT: 3.82 min Scan# 638  
 Delta R.T. 0.01 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Tgt Ion: 43 Resp: 11267  
 Ion Ratio Lower Upper  
 43 100  
 58 31.3 27.8 41.6





#17

Carbon Disulfide

Concen: 1.492 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.01 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampled :

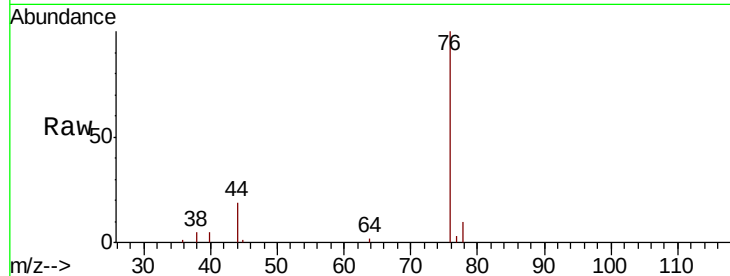
VSTDIC001

Tgt Ion: 76 Resp: 32447

Ion Ratio Lower Upper

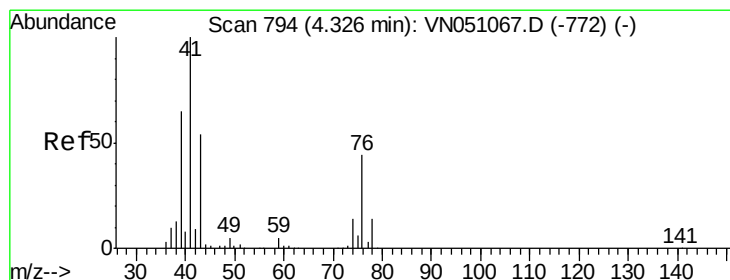
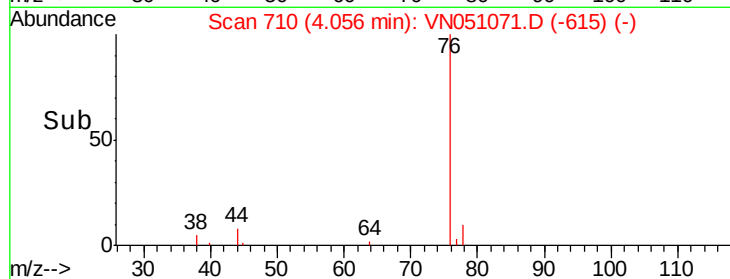
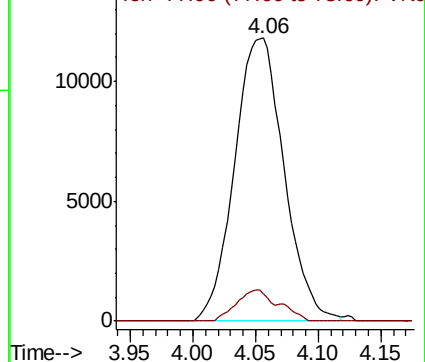
76 100

78 9.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 1.227 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051071.D

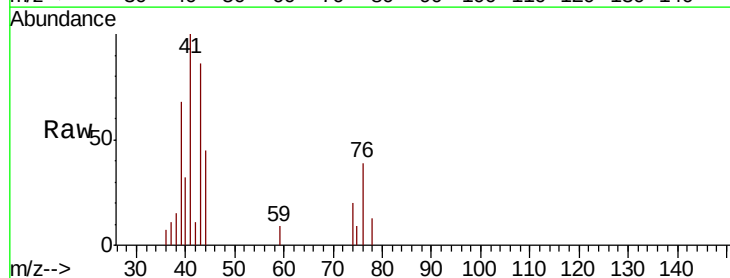
Acq: 10 Sep 2018 11:01

Tgt Ion: 43 Resp: 6773

Ion Ratio Lower Upper

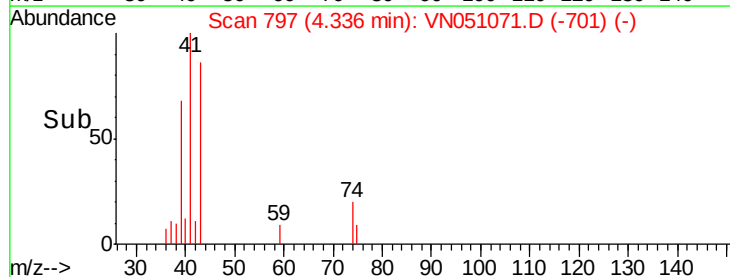
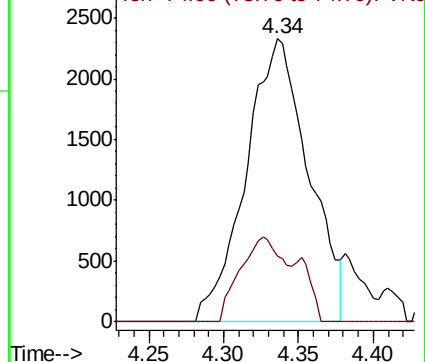
43 100

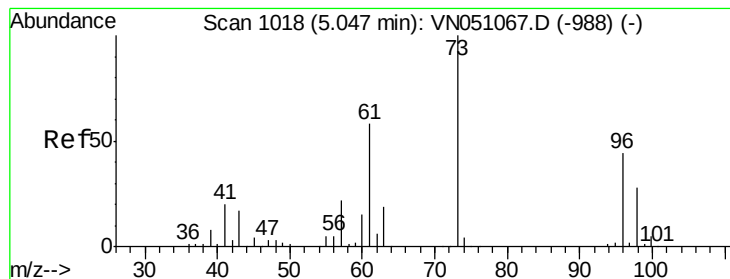
74 21.2 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





#19

Methyl tert-butyl Ether

Concen: 0.454 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

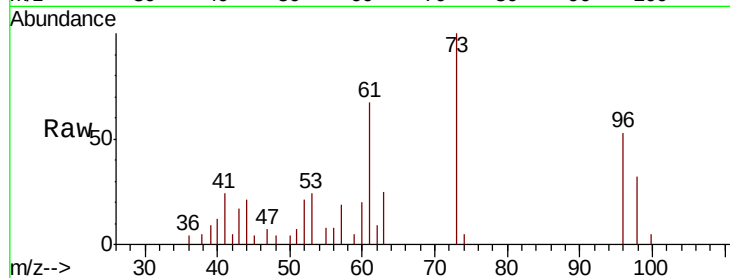
VSTDIC001

Tgt Ion: 73 Resp: 7199

Ion Ratio Lower Upper

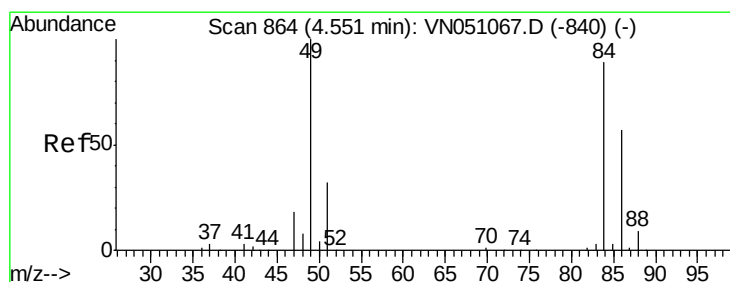
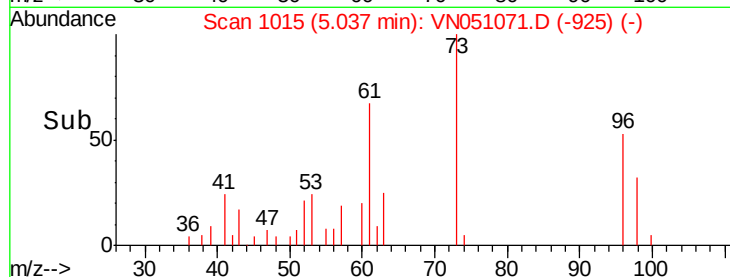
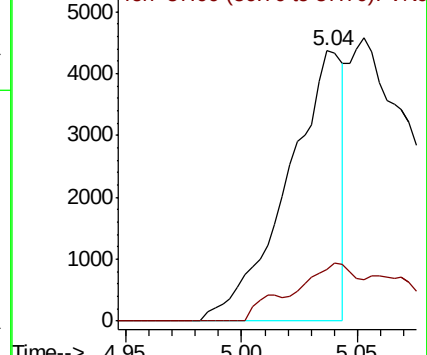
73 100

57 19.3 17.9 26.9



Abundance Ion 73.00 (72.70 to 73.70): VN051067.D (-988) (-)

Ion 57.00 (56.70 to 57.70): VN051067.D (-988) (-)



#20

Methylene Chloride

Concen: 1.209 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Tgt Ion: 84 Resp: 9207

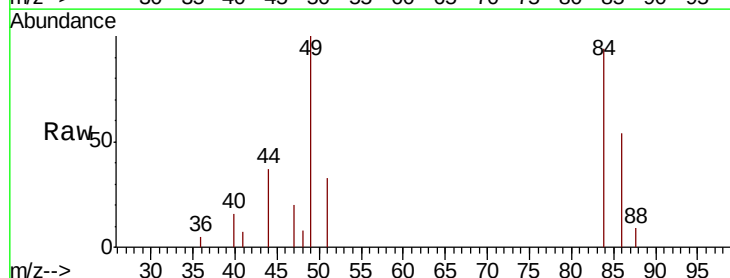
Ion Ratio Lower Upper

84 100

49 106.1 90.2 135.2

51 35.2 28.4 42.6

86 56.8 51.8 77.8

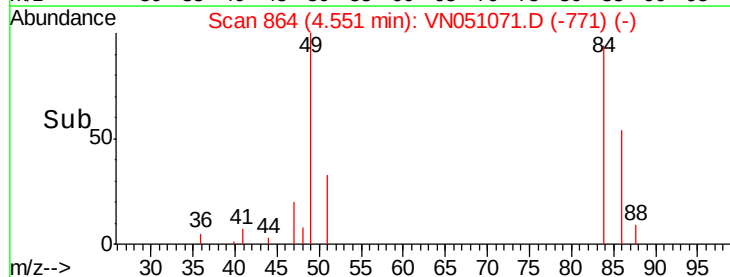
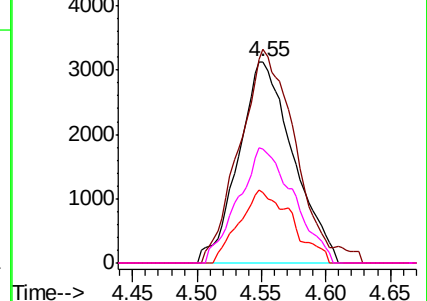


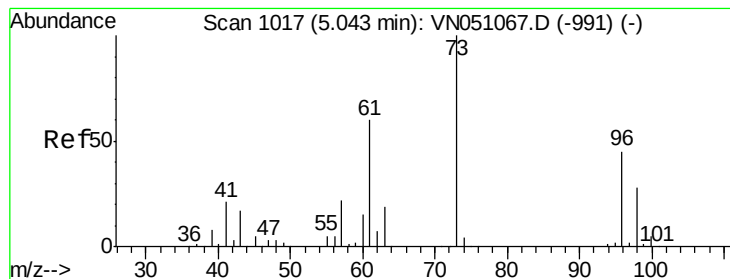
Abundance Ion 83.90 (83.60 to 84.60): VN051067.D (-840) (-)

Ion 48.90 (48.60 to 49.60): VN051067.D (-840) (-)

Ion 50.90 (50.60 to 51.60): VN051067.D (-840) (-)

Ion 85.90 (85.60 to 86.60): VN051067.D (-840) (-)





#21

trans-1,2-Dichloroethene

Concen: 1.201 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

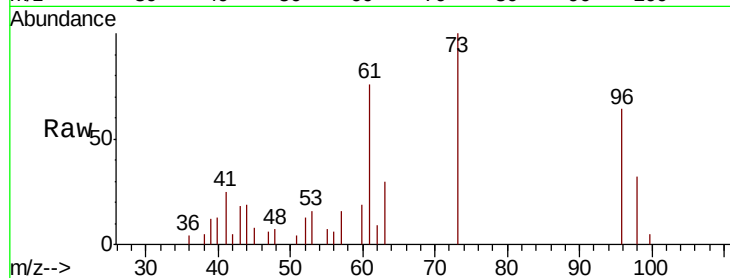
Tgt Ion: 96 Resp: 8606

Ion Ratio Lower Upper

96 100

61 112.2 106.5 159.7

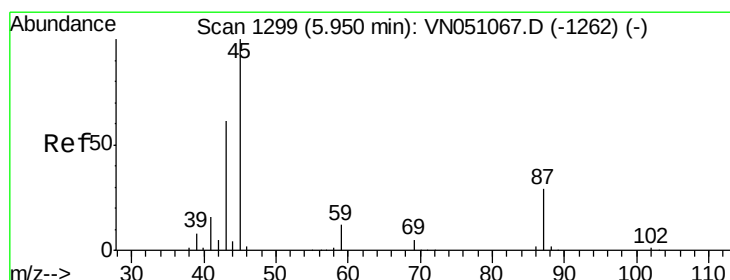
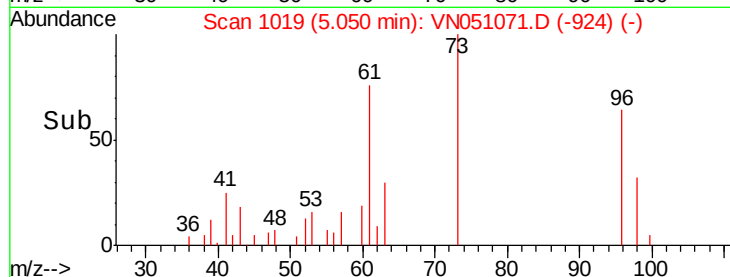
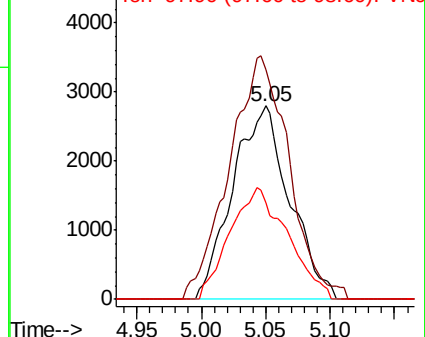
98 49.8 50.4 75.6#



Abundance Ion 95.90 (95.60 to 96.60): VN051067.D (-991) (-)

Ion 60.90 (60.60 to 61.60): VN051067.D (-991) (-)

Ion 97.90 (97.60 to 98.60): VN051067.D (-991) (-)



#22

Diisopropyl ether

Concen: 0.908 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.01 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Tgt Ion: 45 Resp: 18153

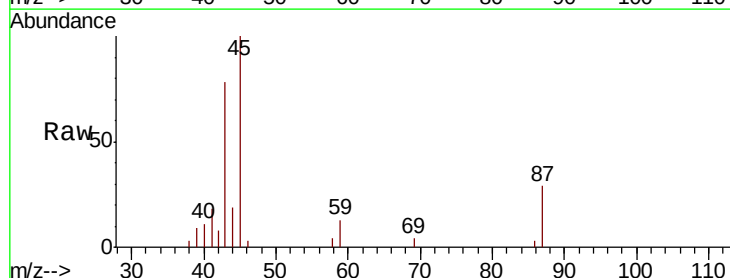
Ion Ratio Lower Upper

45 100

43 69.8 48.8 73.2

87 28.9 23.8 35.8

59 13.0 9.6 14.4

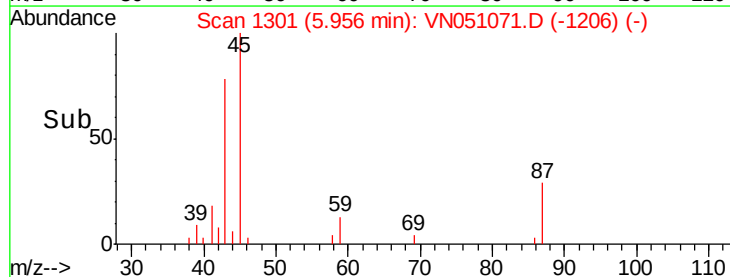
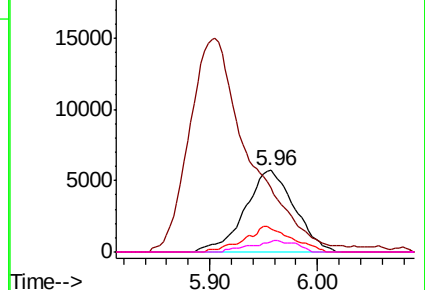


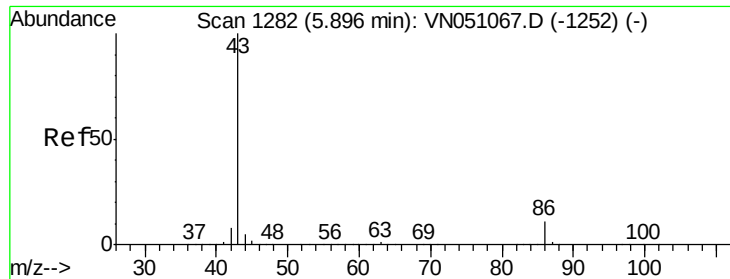
Abundance Ion 45.00 (44.70 to 45.70): VN051067.D (-1262) (-)

Ion 43.00 (42.70 to 43.70): VN051067.D (-1262) (-)

Ion 87.00 (86.70 to 87.70): VN051067.D (-1262) (-)

Ion 59.00 (58.70 to 59.70): VN051067.D (-1262) (-)

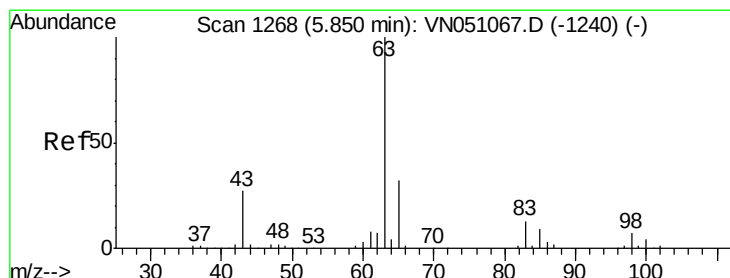
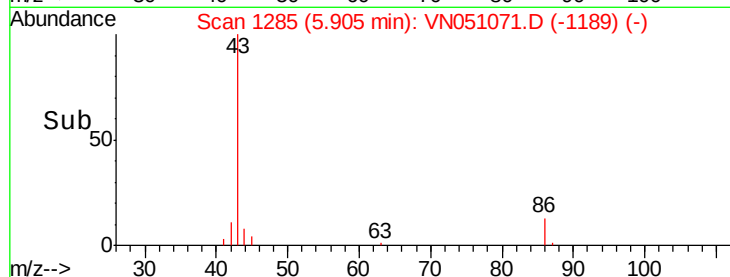
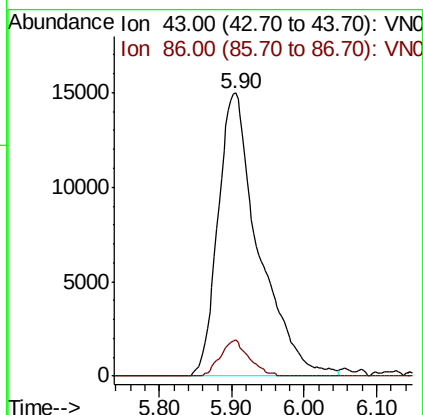
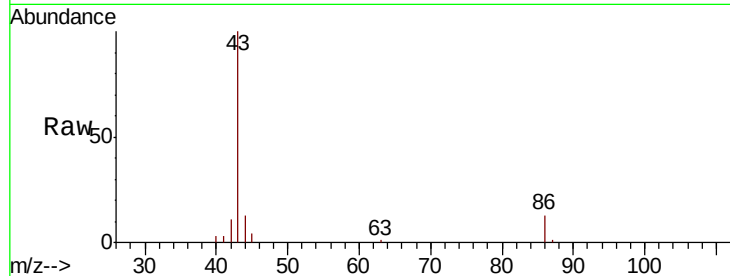




#23  
 Vinyl Acetate  
 Concen: 4.324 ug/l  
 RT: 5.90 min Scan# 1285  
 Delta R.T. 0.01 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

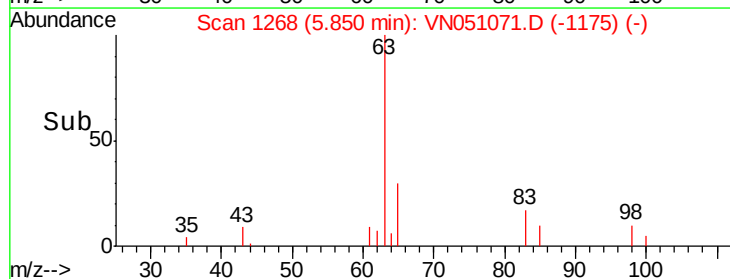
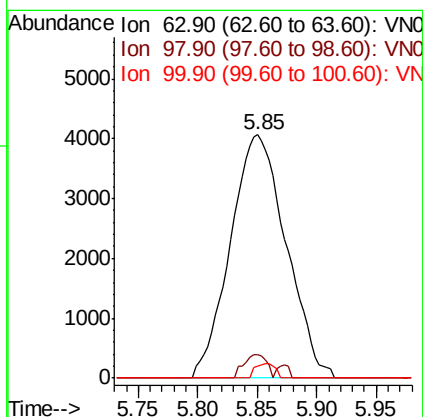
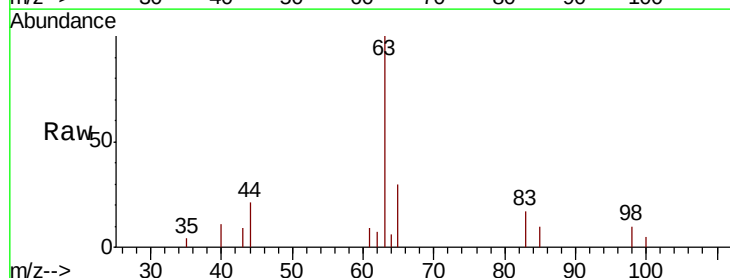
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 43 Resp: 58470  
 Ion Ratio Lower Upper  
 43 100  
 86 12.8 9.2 13.8

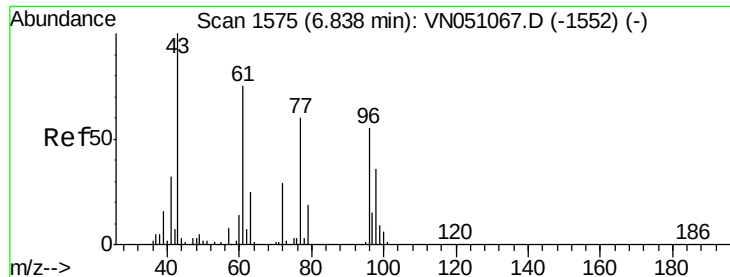


#24  
 1,1-Dichloroethane  
 Concen: 1.037 ug/l  
 RT: 5.85 min Scan# 1268  
 Delta R.T. -0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Tgt Ion: 63 Resp: 13151  
 Ion Ratio Lower Upper  
 63 100  
 98 9.7 3.4 10.1  
 100 5.1 2.1 6.3



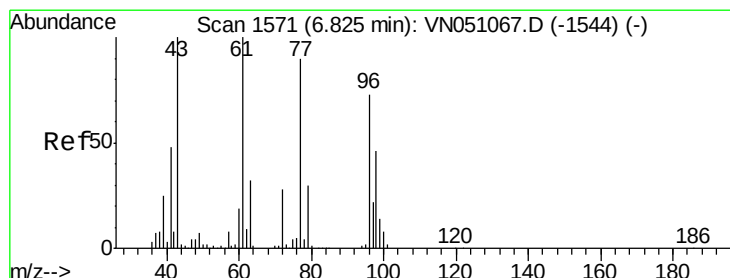
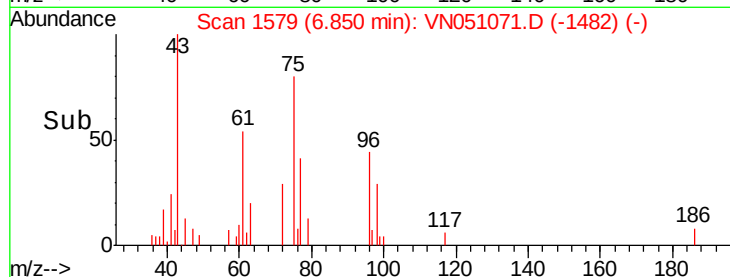
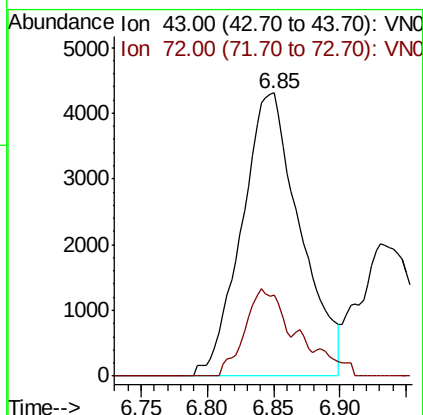
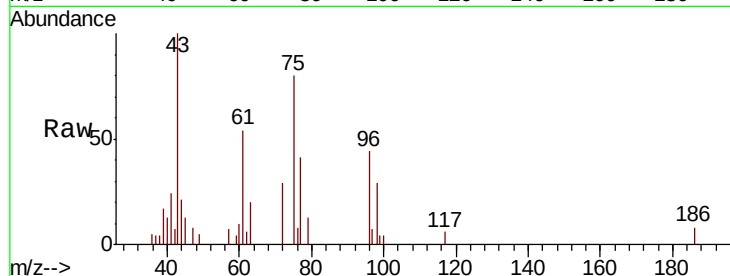




#25  
 2-Butanone  
 Concen: 4.874 ug/l  
 RT: 6.85 min Scan# 1579  
 Delta R.T. 0.01 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

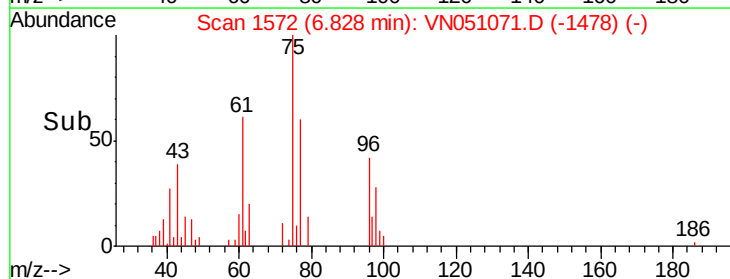
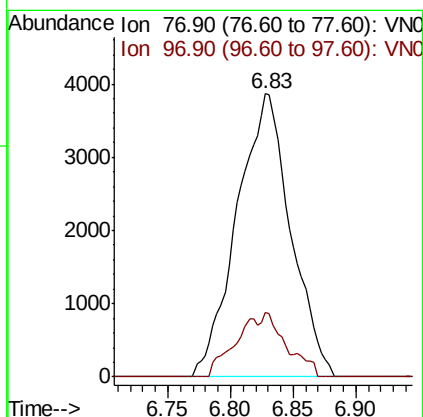
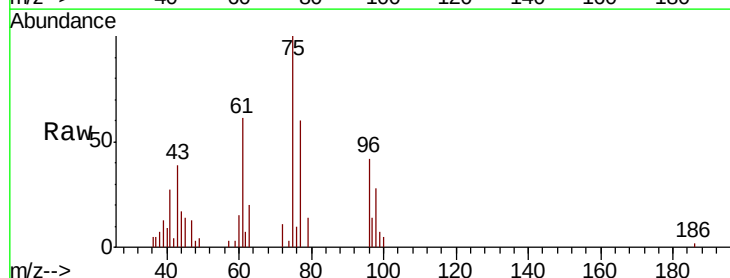
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

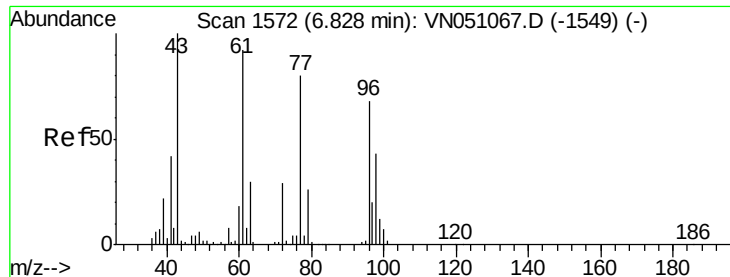
Tgt Ion: 43 Resp: 13210  
 Ion Ratio Lower Upper  
 43 100  
 72 28.7 23.0 34.6



#26  
 2,2-Dichloropropane  
 Concen: 1.110 ug/l  
 RT: 6.83 min Scan# 1572  
 Delta R.T. 0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Tgt Ion: 77 Resp: 11518  
 Ion Ratio Lower Upper  
 77 100  
 97 9.9 12.1 36.3#





#27

cis-1,2-Dichloroethene

Concen: 1.055 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

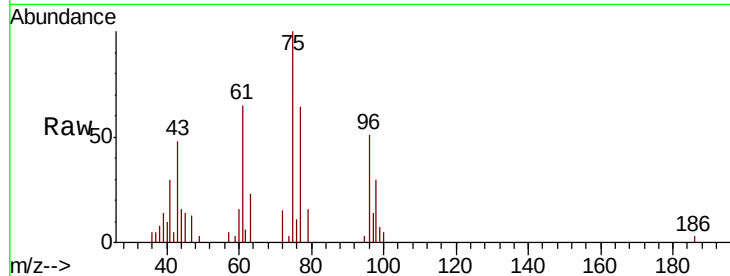
Tgt Ion: 96 Resp: 8296

Ion Ratio Lower Upper

96 100

61 142.8 0.0 278.2

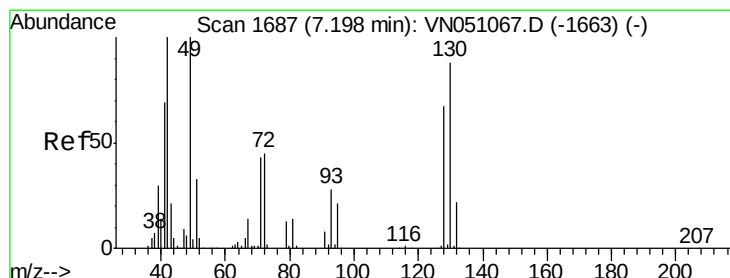
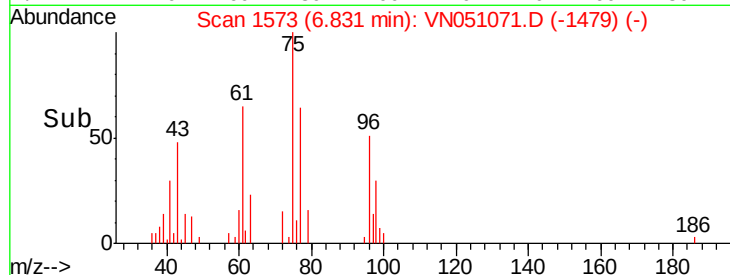
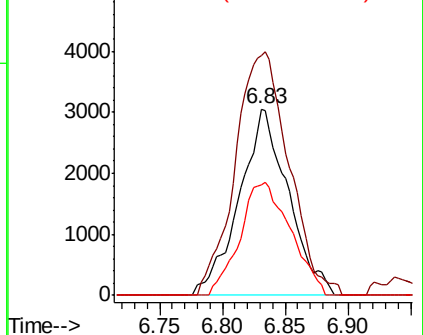
98 62.3 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN051071.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN051071.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN051071.D (-1479) (-)



#28

Bromochloromethane

Concen: 1.086 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

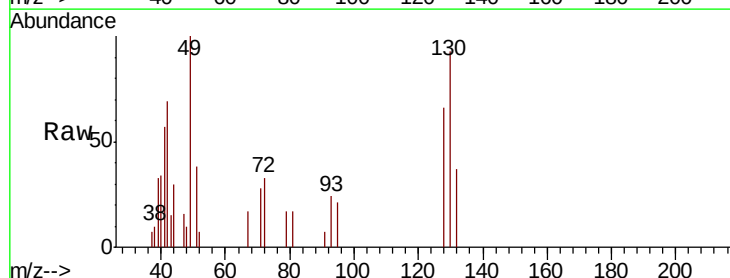
Tgt Ion: 49 Resp: 6126

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

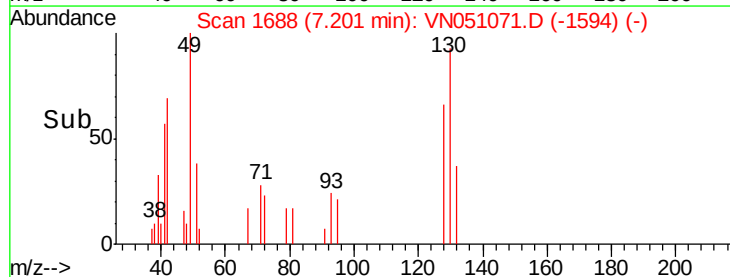
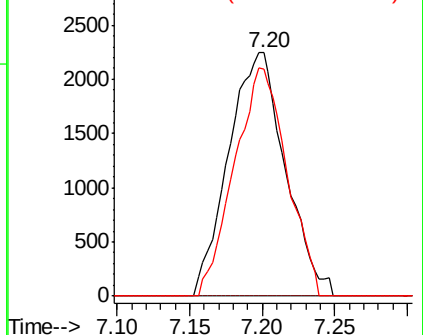
130 86.5 70.7 106.1

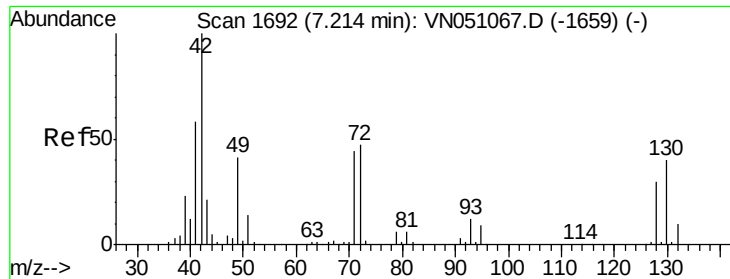


Abundance Ion 48.90 (48.60 to 49.60): VN051071.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN051071.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN051071.D (-1594) (-)





#29

Tetrahydrofuran

Concen: 4.684 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

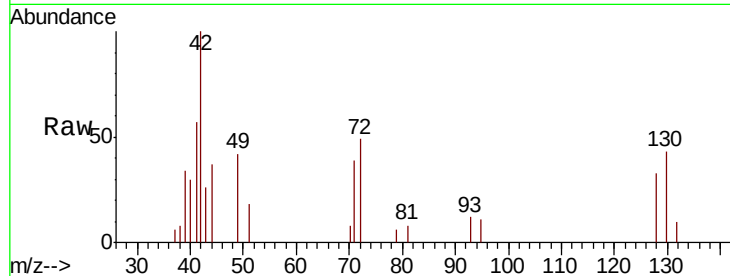
Tgt Ion: 42 Resp: 7928

Ion Ratio Lower Upper

42 100

72 43.6 37.4 56.0

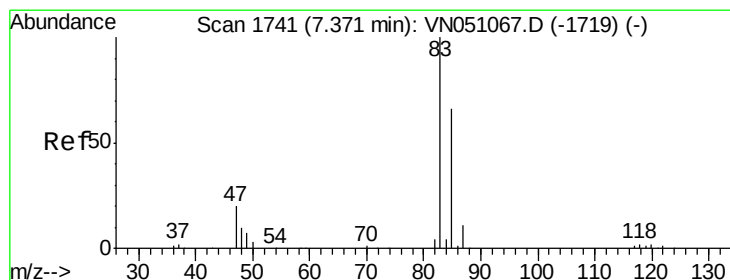
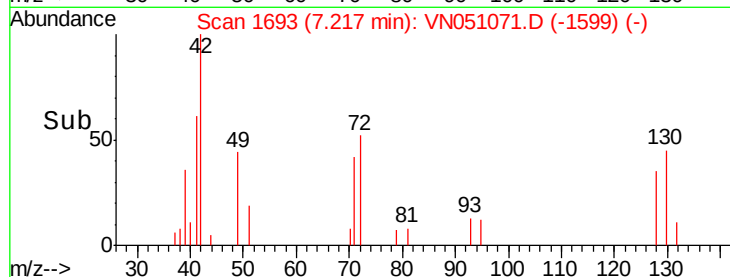
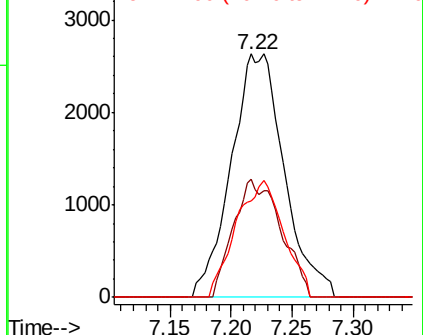
71 43.0 34.7 52.1



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 1.048 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN051071.D

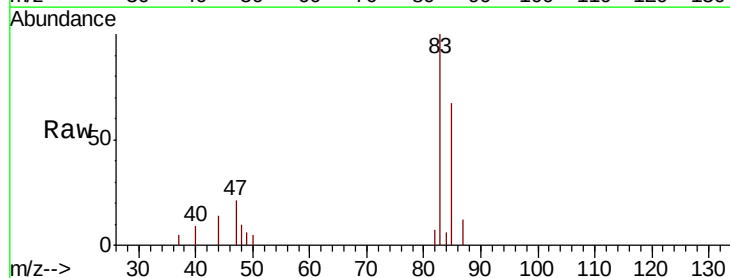
Acq: 10 Sep 2018 11:01

Tgt Ion: 83 Resp: 13219

Ion Ratio Lower Upper

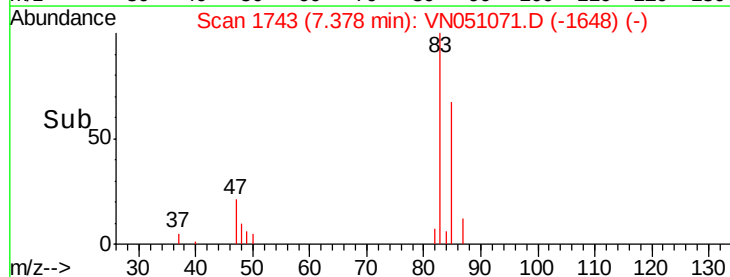
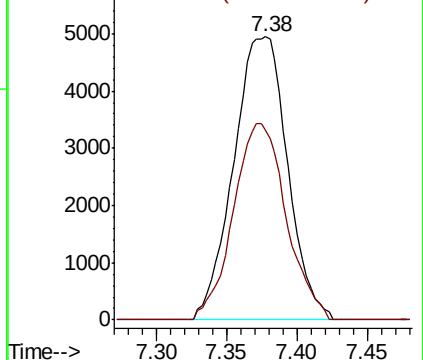
83 100

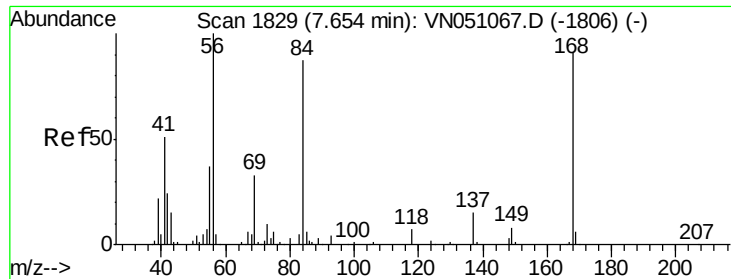
85 67.0 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

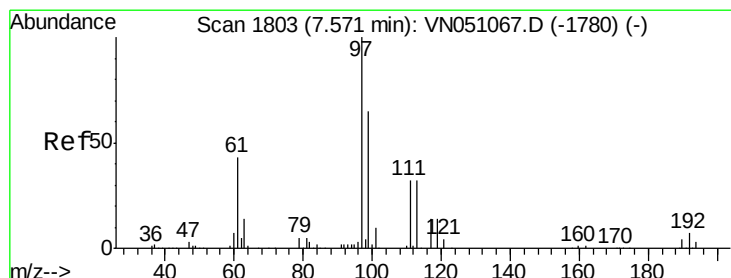
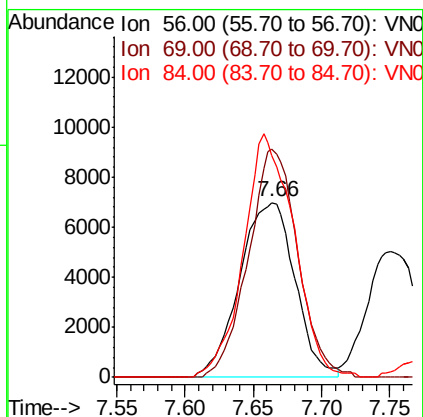
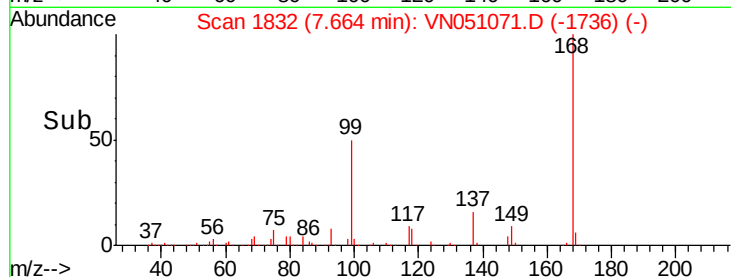
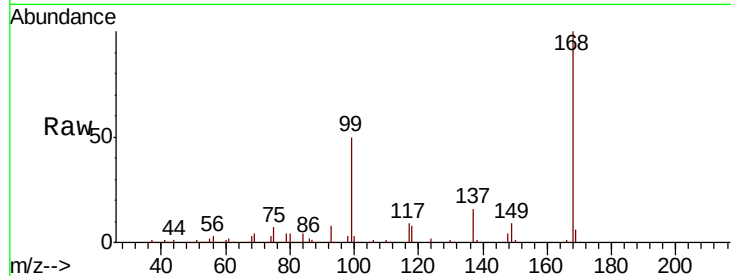




#31  
Cyclohexane  
Concen: 1.536 ug/l  
RT: 7.66 min Scan# 1832  
Delta R.T. 0.01 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

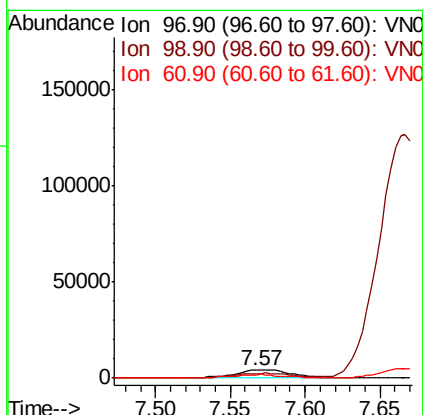
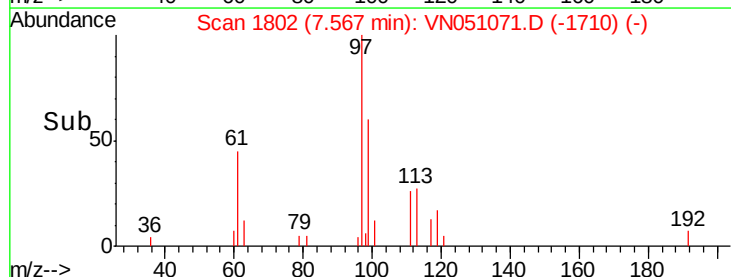
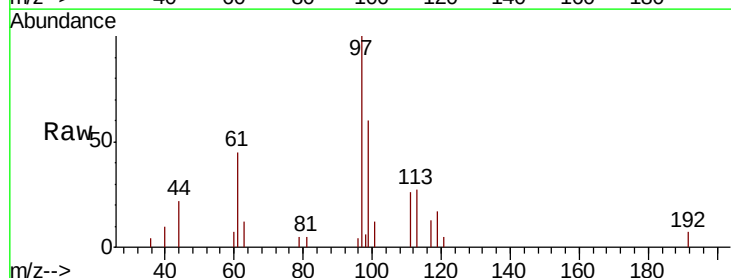
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

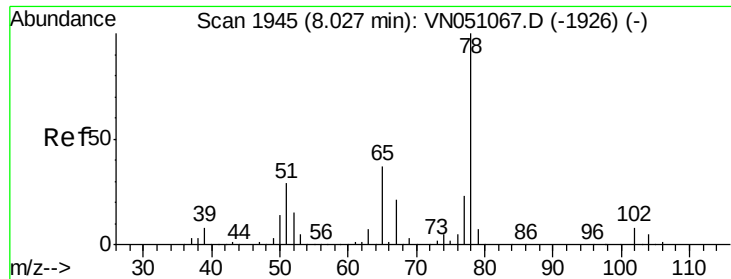
Tgt Ion: 56 Resp: 19697  
Ion Ratio Lower Upper  
56 100  
69 130.8 26.3 39.5#  
84 126.8 69.4 104.0#



#32  
1,1,1-Trichloroethane  
Concen: 1.028 ug/l  
RT: 7.57 min Scan# 1802  
Delta R.T. -0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

Tgt Ion: 97 Resp: 11047  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.6 77.4#  
61 42.2 33.8 50.6

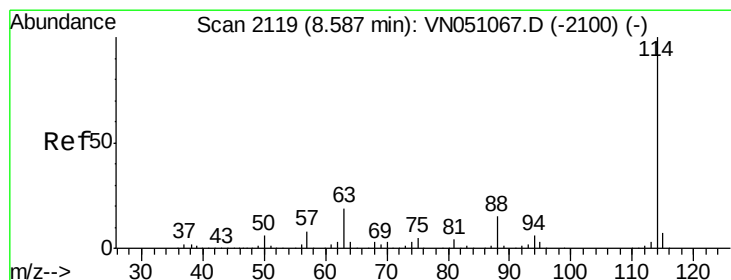
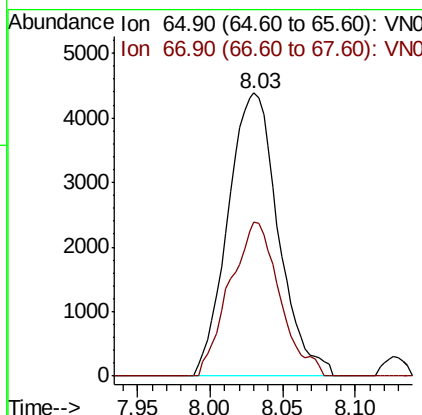
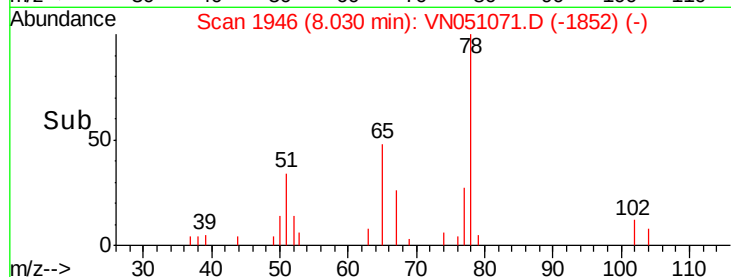
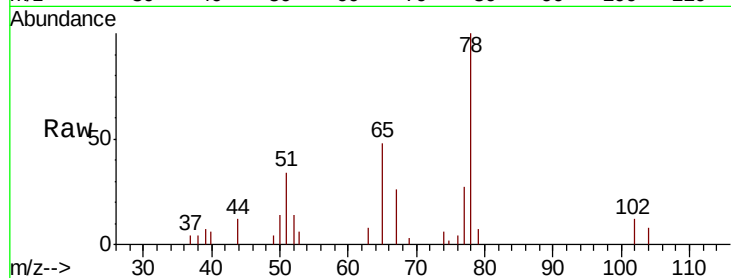




#33  
 1,2-Dichloroethane-d4  
 Concen: 1.535 ug/l  
 RT: 8.03 min Scan# 1946  
 Delta R.T. 0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

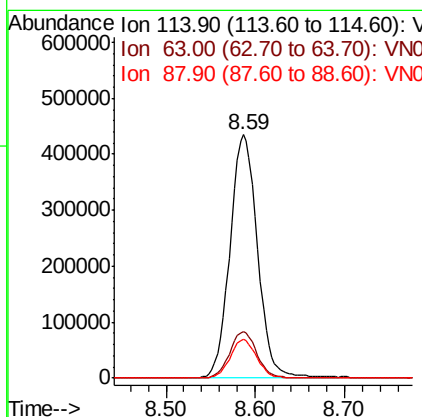
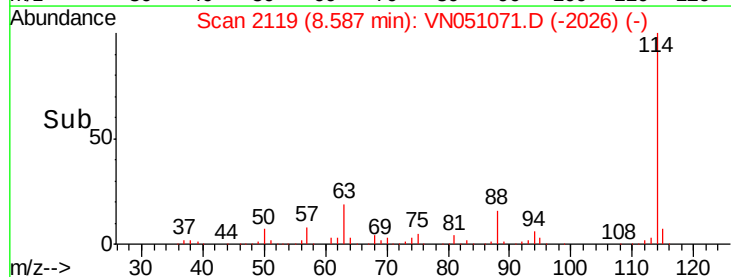
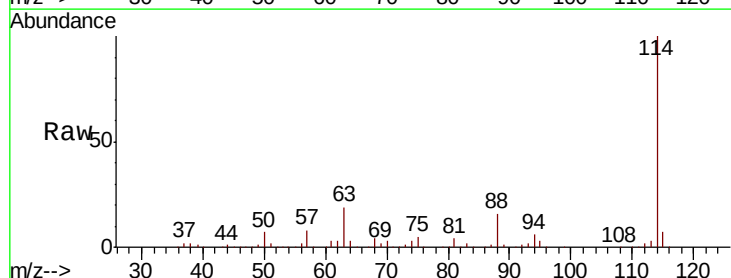
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

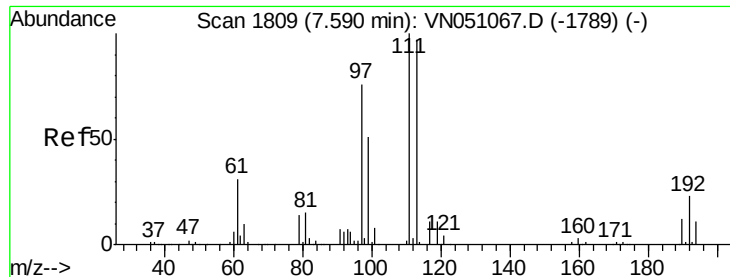
Tgt Ion: 65 Resp: 10585  
 Ion Ratio Lower Upper  
 65 100  
 67 53.9 0.0 112.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Tgt Ion: 114 Resp: 931400  
 Ion Ratio Lower Upper  
 114 100  
 63 19.1 0.0 37.8  
 88 16.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 1.306 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

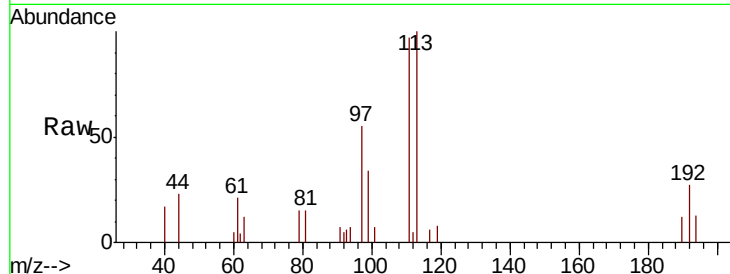
Tgt Ion: 113 Resp: 9143

Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.6

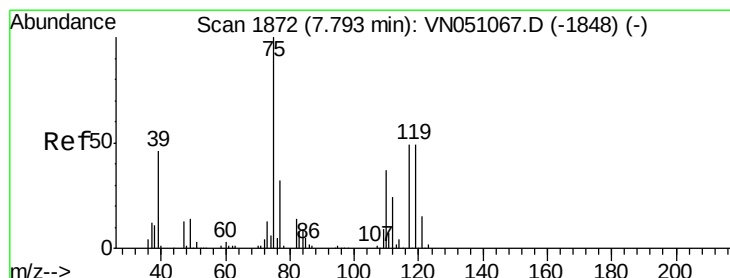
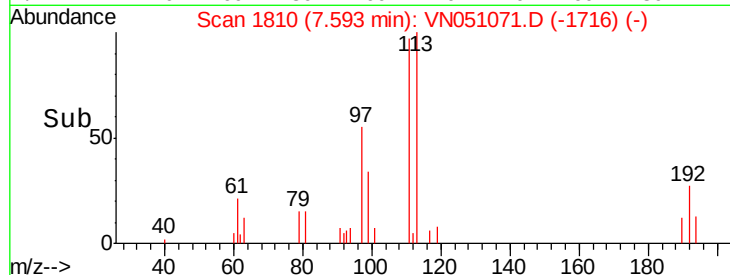
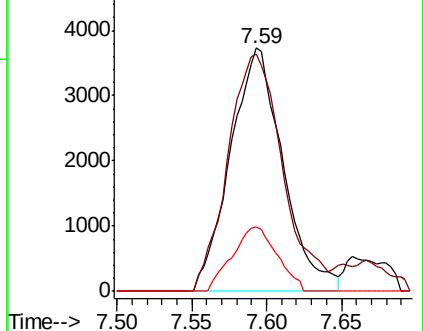
192 22.5 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.061 ug/l

RT: 7.80 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

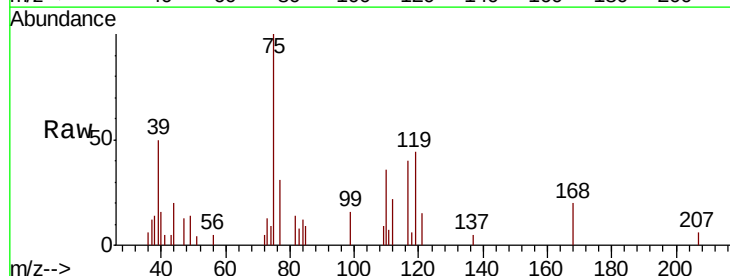
Tgt Ion: 75 Resp: 10845

Ion Ratio Lower Upper

75 100

110 35.4 18.6 55.8

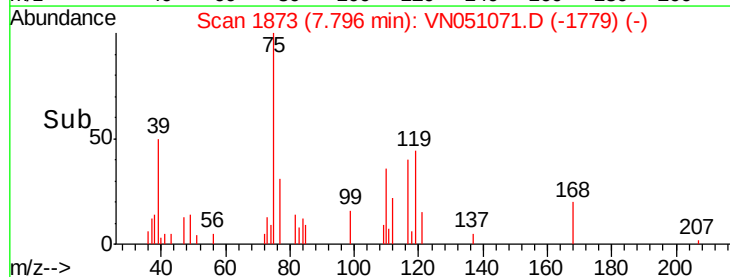
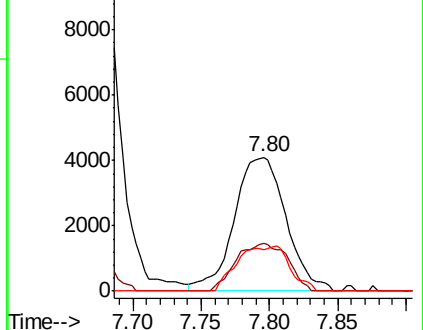
77 18.4 25.2 37.8#

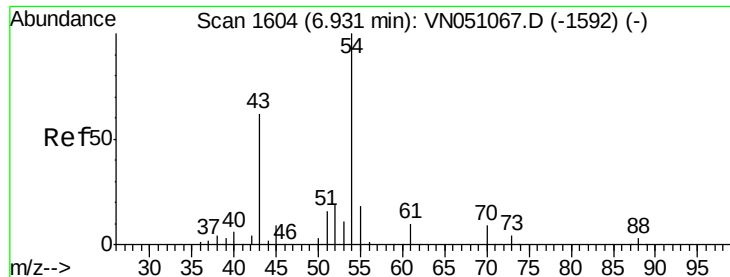


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

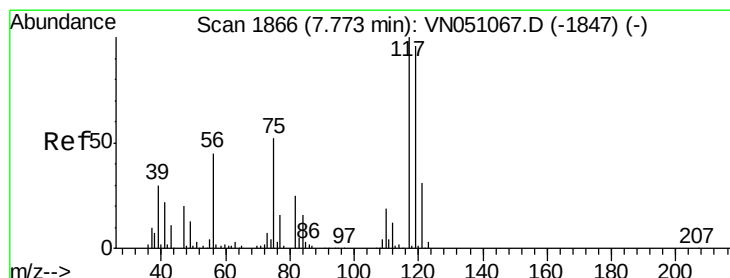
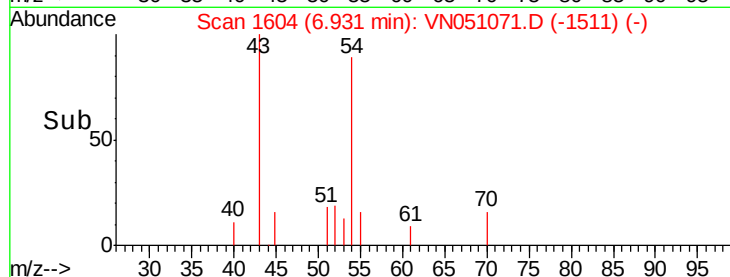
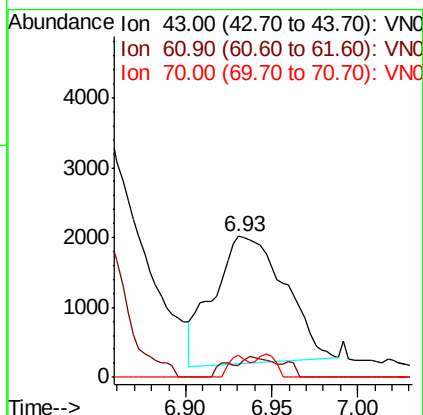
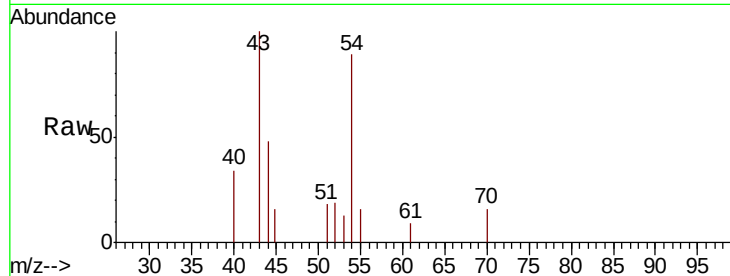




#37  
Ethyl Acetate  
Concen: 0.881 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

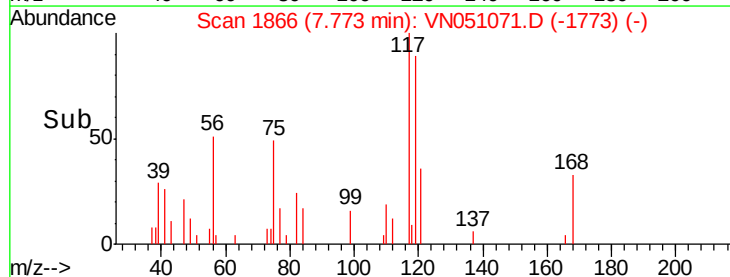
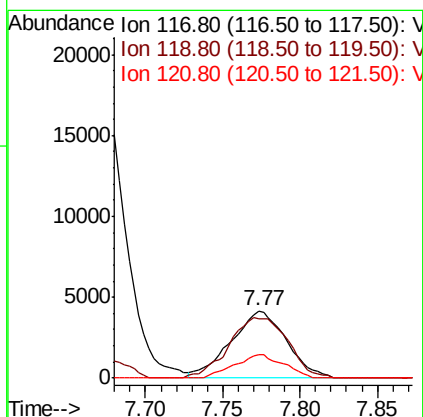
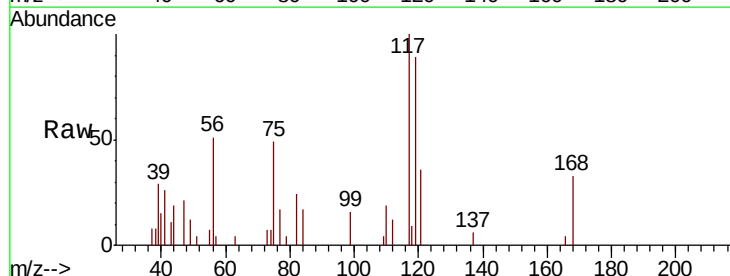
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

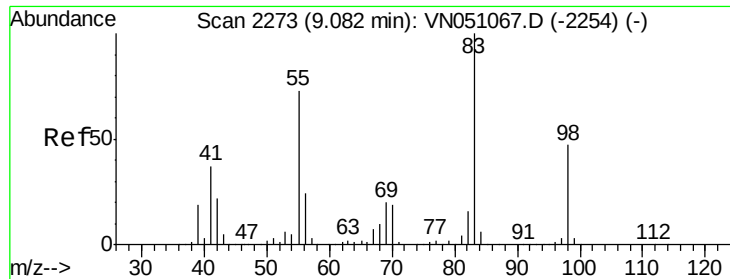
Tgt Ion: 43 Resp: 5219  
Ion Ratio Lower Upper  
43 100  
61 0.0 12.4 18.6#  
70 4.6 9.3 13.9#



#38  
Carbon Tetrachloride  
Concen: 1.032 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. -0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

Tgt Ion: 117 Resp: 10387  
Ion Ratio Lower Upper  
117 100  
119 89.1 76.8 115.2  
121 35.5 24.6 36.8

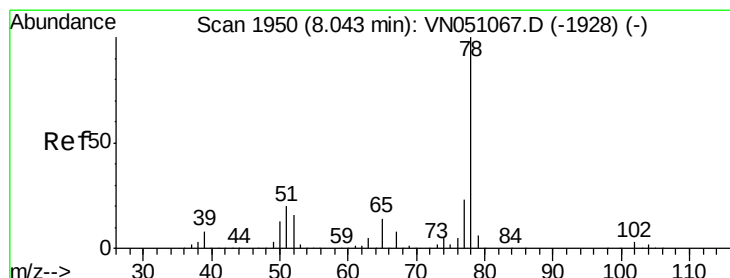
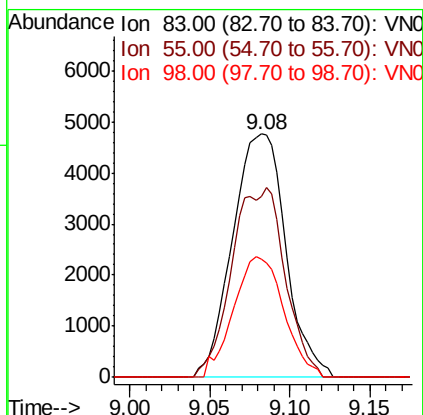
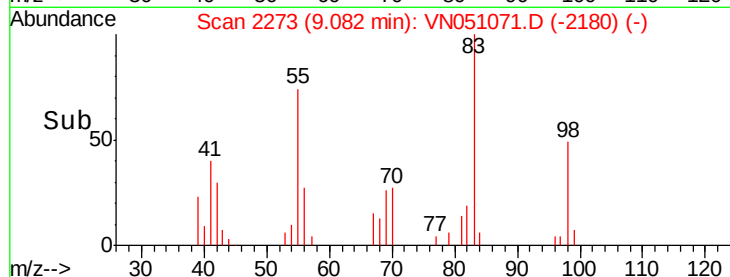
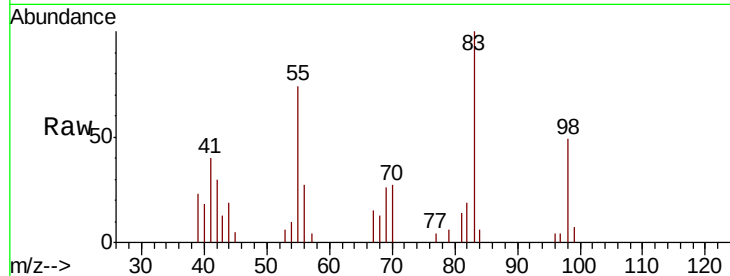




#39  
Methylcyclohexane  
Concen: 0.960 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. -0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

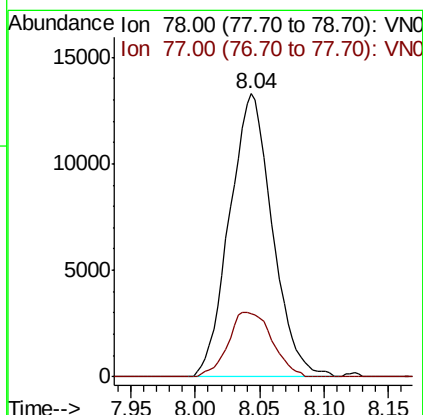
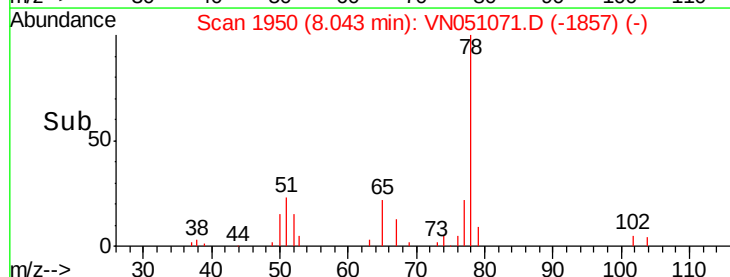
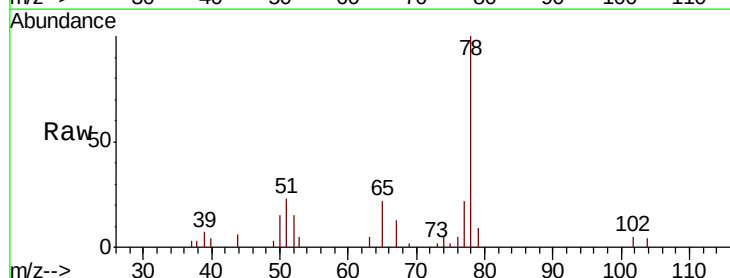
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 83 Resp: 10826  
Ion Ratio Lower Upper  
83 100  
55 74.4 58.4 87.6  
98 48.7 37.3 55.9

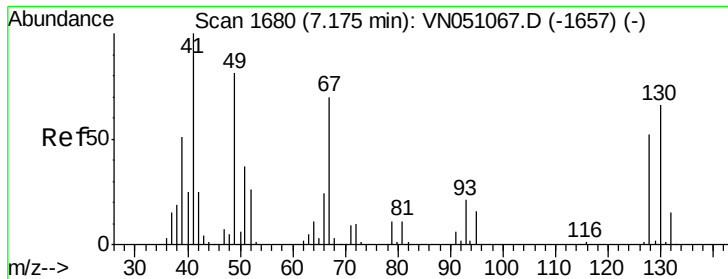


#40  
Benzene  
Concen: 0.996 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. -0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

Tgt Ion: 78 Resp: 30697  
Ion Ratio Lower Upper  
78 100  
77 22.5 18.6 27.8



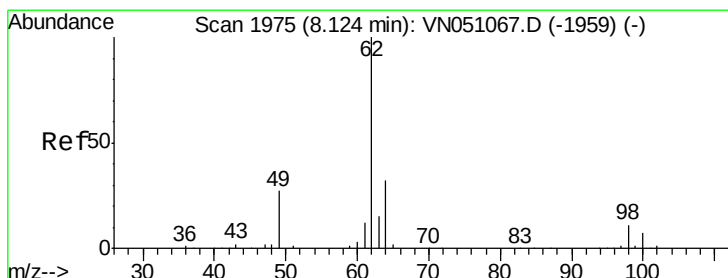
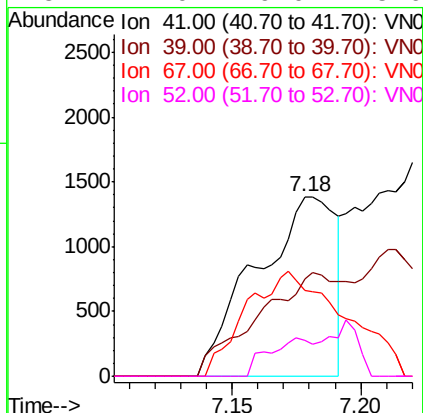
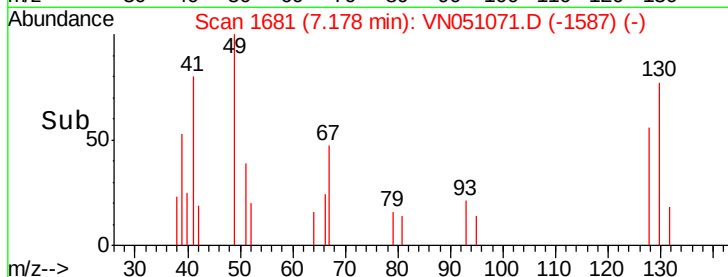
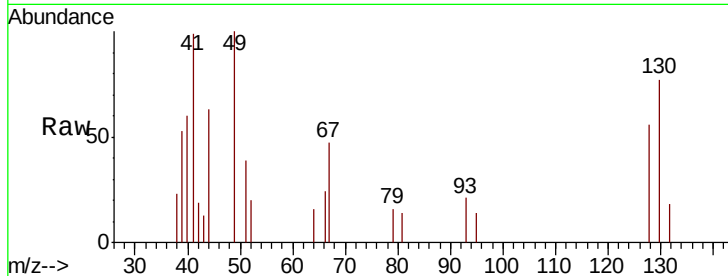




#41  
Methacrylonitrile  
Concen: 0.974 ug/l  
RT: 7.18 min Scan# 1681  
Delta R.T. 0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

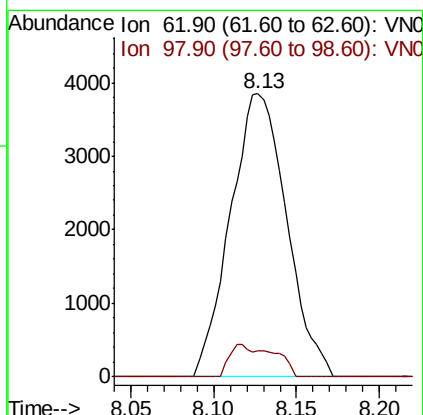
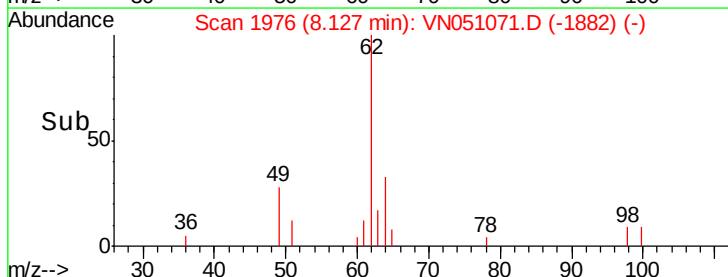
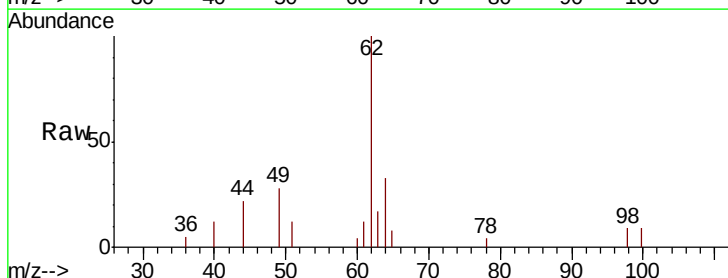
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

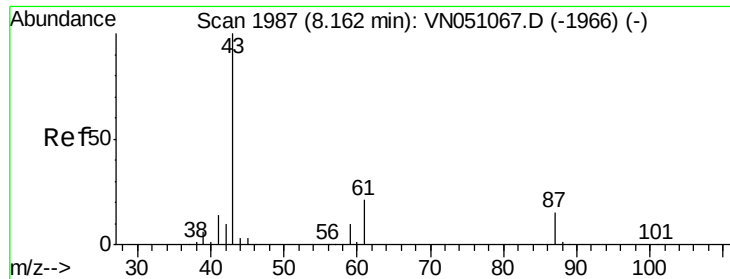
Tgt Ion: 41 Resp: 2975  
Ion Ratio Lower Upper  
41 100  
39 66.1 51.3 76.9  
67 72.7 78.5 117.7#  
52 12.0 29.0 43.6#



#42  
1,2-Dichloroethane  
Concen: 1.010 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

Tgt Ion: 62 Resp: 9071  
Ion Ratio Lower Upper  
62 100  
98 9.1 0.0 21.0





#43

Isopropyl Acetate

Concen: 0.863 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

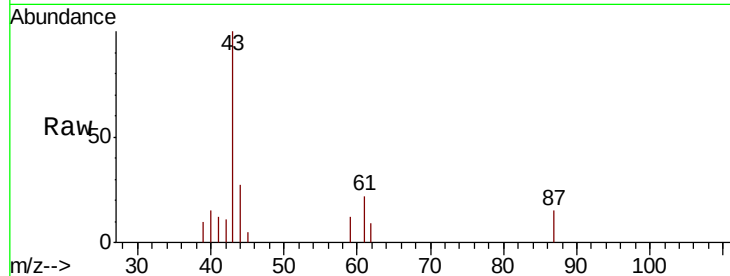
Tgt Ion: 43 Resp: 9023

Ion Ratio Lower Upper

43 100

61 5.5 25.0 37.6#

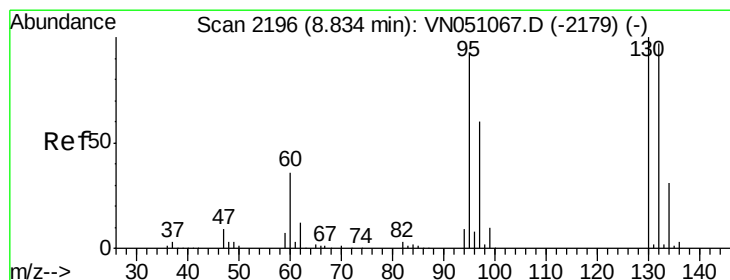
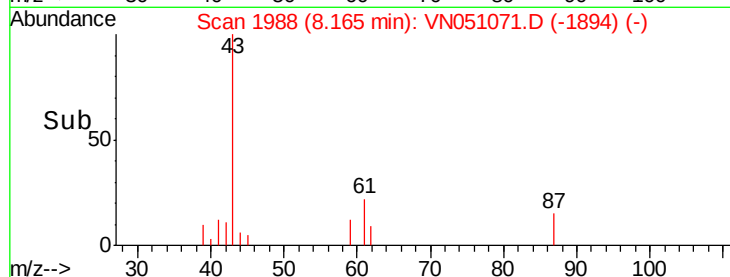
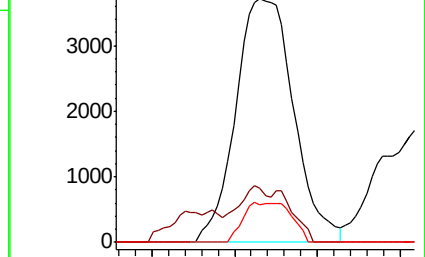
87 5.4 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VN051071.D (-1988) (-)

Ion 61.00 (60.70 to 61.70): VN051071.D (-1988) (-)

Ion 87.00 (86.70 to 87.70): VN051071.D (-1988) (-)



#44

Trichloroethene

Concen: 1.106 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051071.D

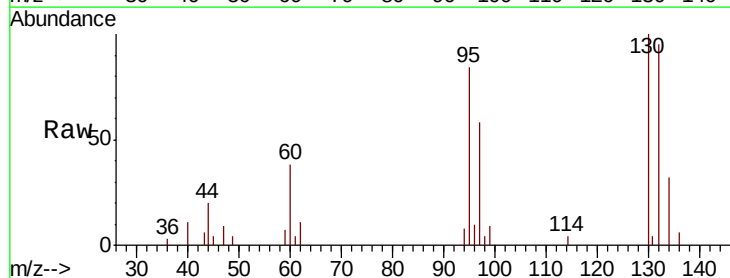
Acq: 10 Sep 2018 11:01

Tgt Ion: 130 Resp: 9324

Ion Ratio Lower Upper

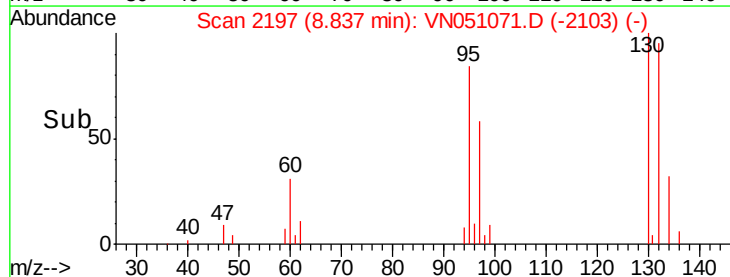
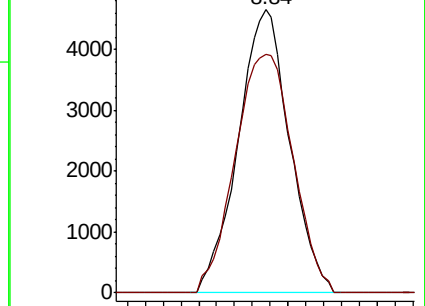
130 100

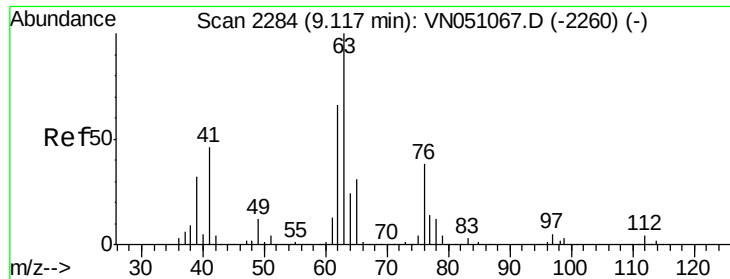
95 84.4 0.0 186.2



Abundance Ion 129.80 (129.50 to 130.50): VN051071.D (-2197) (-)

Ion 94.90 (94.60 to 95.60): VN051071.D (-2197) (-)

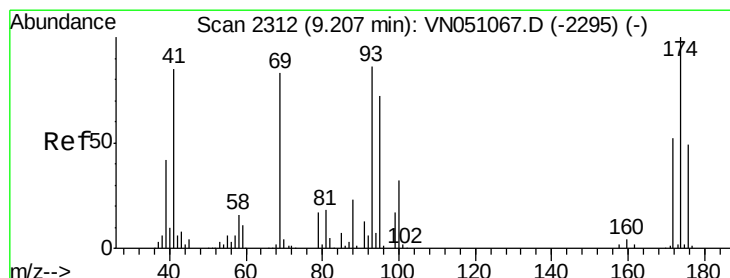
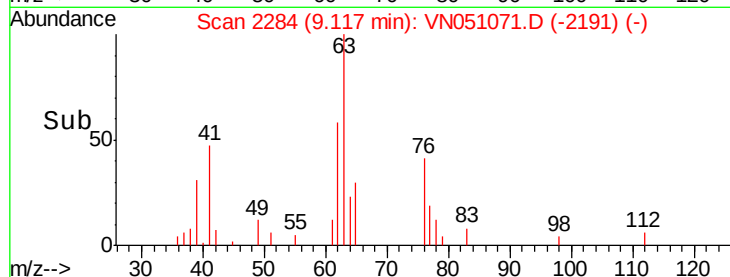
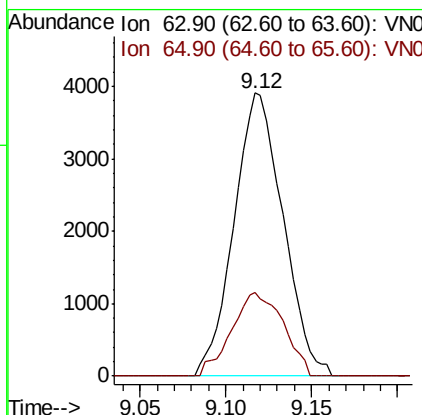
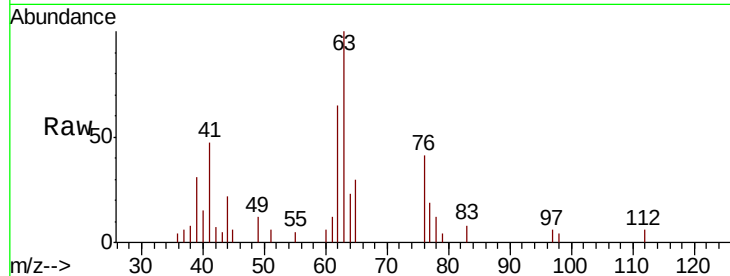




#45  
 1,2-Dichloropropane  
 Concen: 0.972 ug/l  
 RT: 9.12 min Scan# 2284  
 Delta R.T. -0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

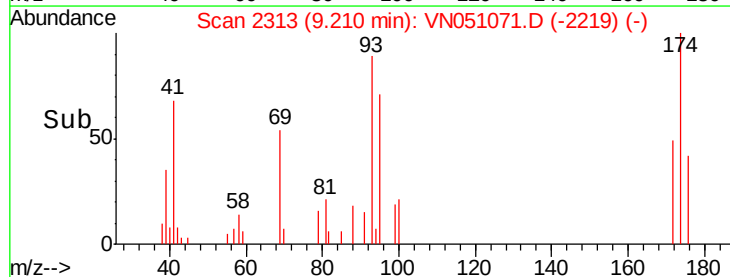
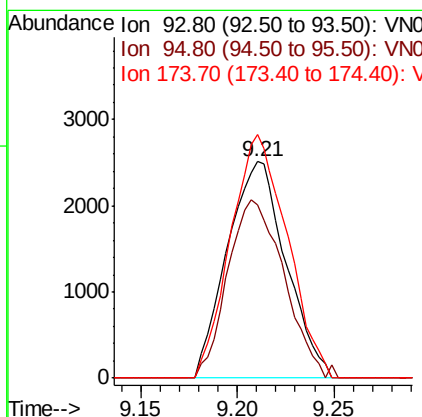
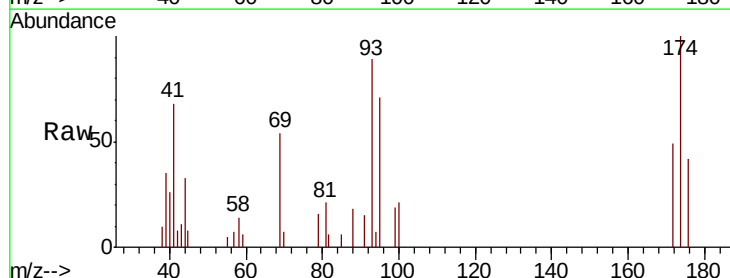
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

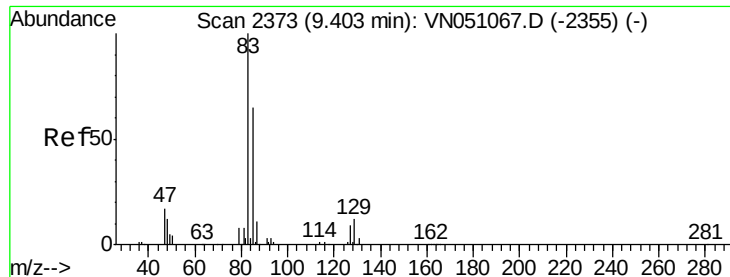
Tgt Ion: 63 Resp: 7738  
 Ion Ratio Lower Upper  
 63 100  
 65 29.7 24.7 37.1



#46  
 Dibromomethane  
 Concen: 1.092 ug/l  
 RT: 9.21 min Scan# 2313  
 Delta R.T. 0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Tgt Ion: 93 Resp: 5303  
 Ion Ratio Lower Upper  
 93 100  
 95 78.9 66.8 100.2  
 174 108.5 93.3 139.9





#47

Bromodichloromethane

Concen: 0.967 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

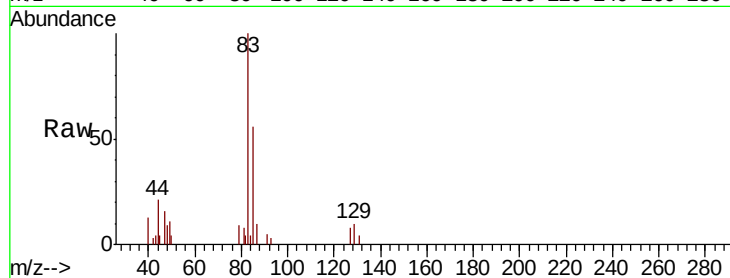
Tgt Ion: 83 Resp: 9548

Ion Ratio Lower Upper

83 100

85 55.6 52.3 78.5

127 7.6 7.5 11.3

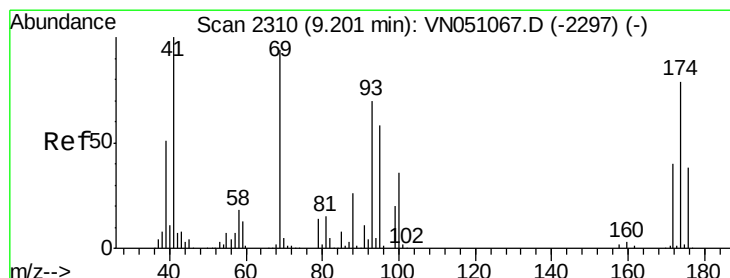
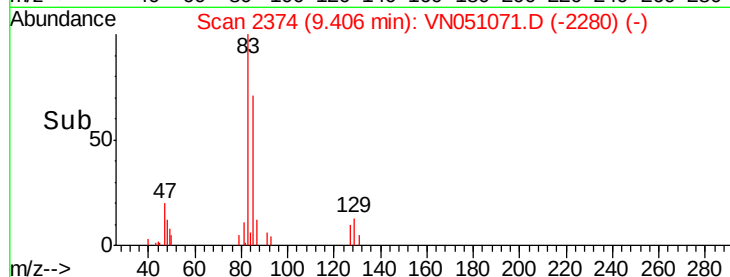


Abundance Ion 82.90 (82.60 to 83.60): VN051071.D (-2355) (-)

Ion 84.90 (84.60 to 85.60): VN051071.D (-2355) (-)

Ion 126.80 (126.50 to 127.50): VN051071.D (-2355) (-)

Time-->



#48

Methyl methacrylate

Concen: 0.891 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.01 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

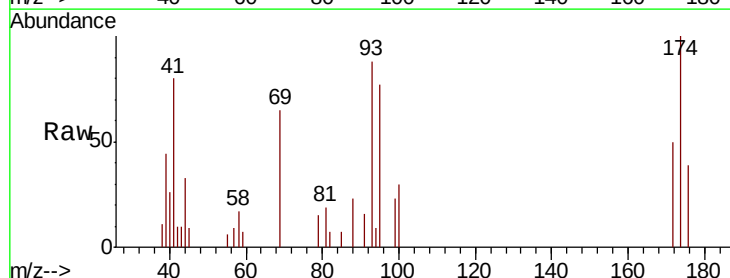
Tgt Ion: 41 Resp: 4538

Ion Ratio Lower Upper

41 100

69 83.3 77.7 116.5

39 55.6 41.6 62.4

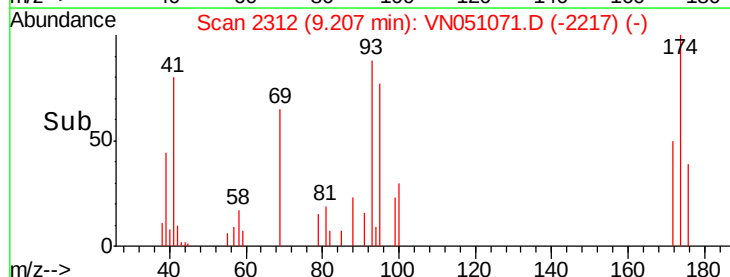


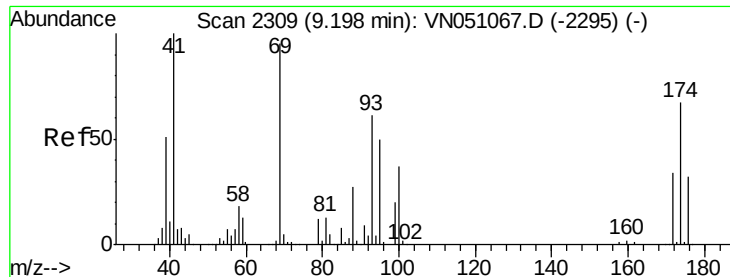
Abundance Ion 41.00 (40.70 to 41.70): VN051071.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051071.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051071.D (-2217) (-)

Time-->





#49

1,4-Dioxane

Concen: 17.343 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

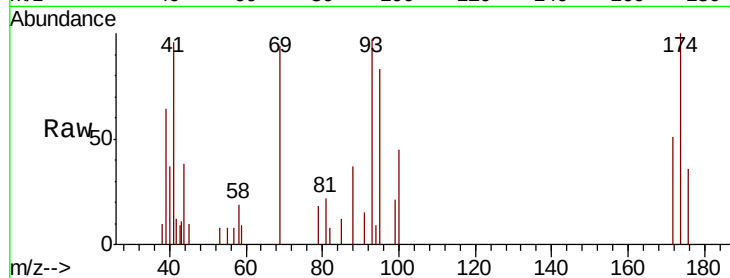
Tgt Ion: 88 Resp: 1385

Ion Ratio Lower Upper

88 100

43 20.3 23.7 35.5#

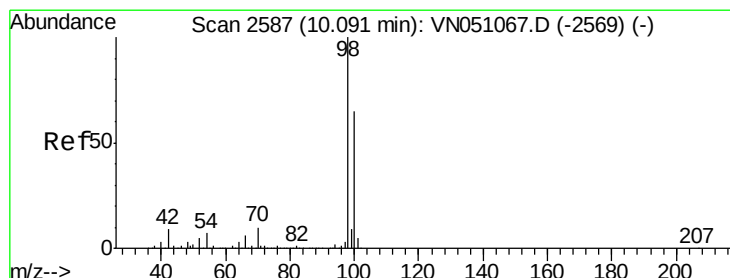
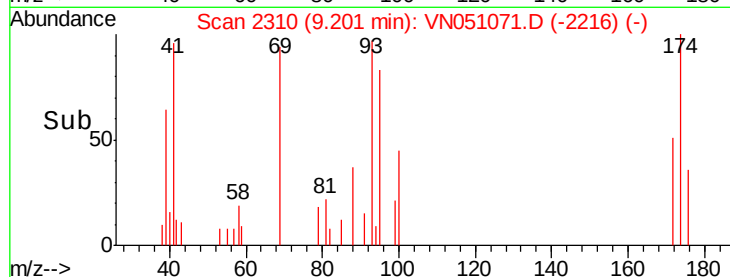
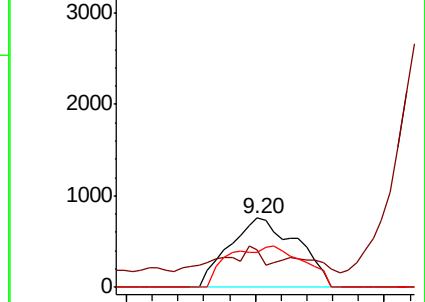
58 65.8 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): VN051071.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN051071.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN051071.D (-2216) (-)



#50

Toluene-d8

Concen: 1.203 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051071.D

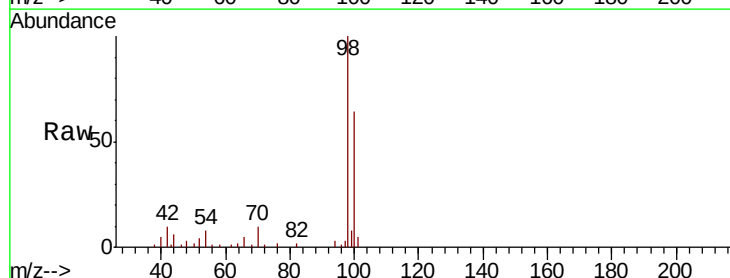
Acq: 10 Sep 2018 11:01

Tgt Ion: 98 Resp: 31936

Ion Ratio Lower Upper

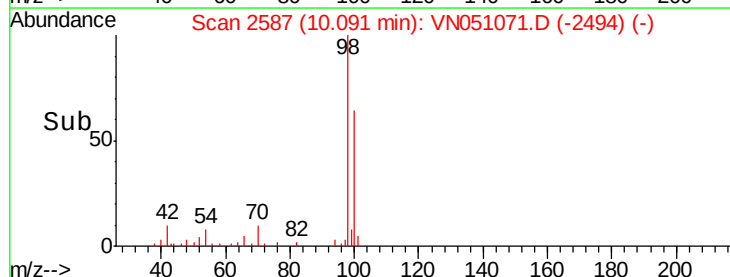
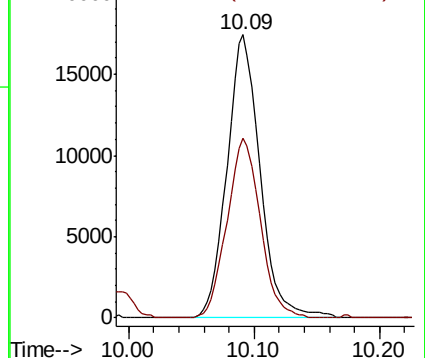
98 100

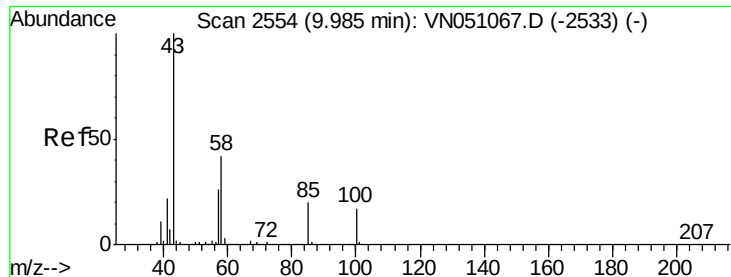
100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051071.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN051071.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 4.214 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

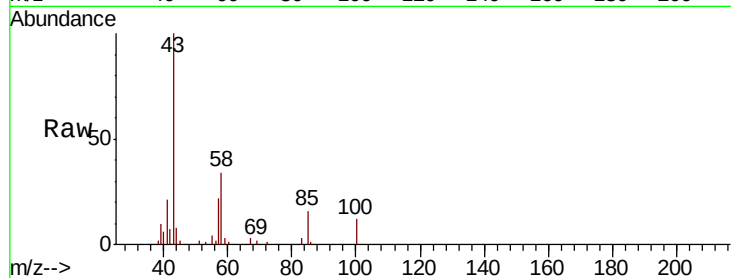
VSTDIC001

Tgt Ion: 43 Resp: 24353

Ion Ratio Lower Upper

43 100

58 38.8 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-2533) (-)

9.99

15000

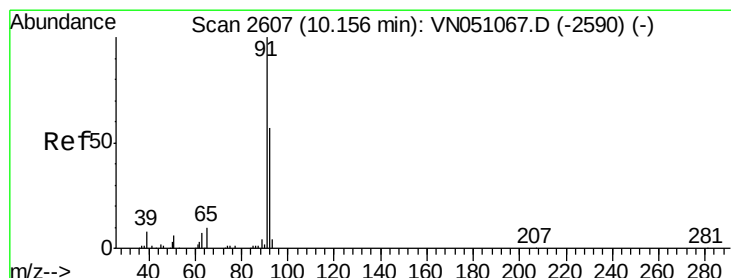
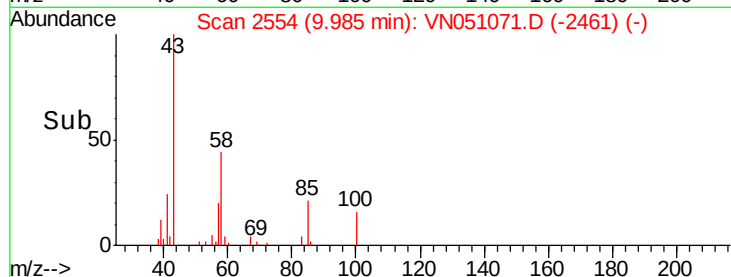
10000

5000

0

Time-->

9.90 9.95 10.00 10.05



#52

Toluene

Concen: 0.915 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051071.D

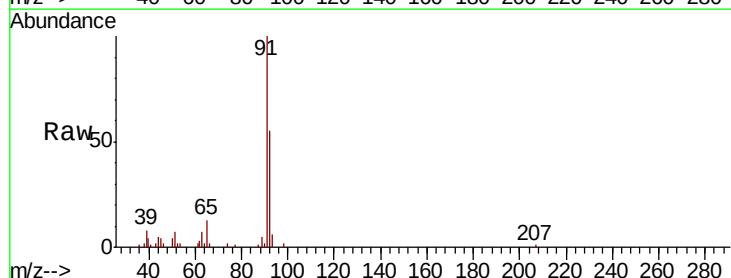
Acq: 10 Sep 2018 11:01

Tgt Ion: 92 Resp: 17197

Ion Ratio Lower Upper

92 100

91 176.2 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN051067.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN051067.D (-2590) (-)

10.16

15000

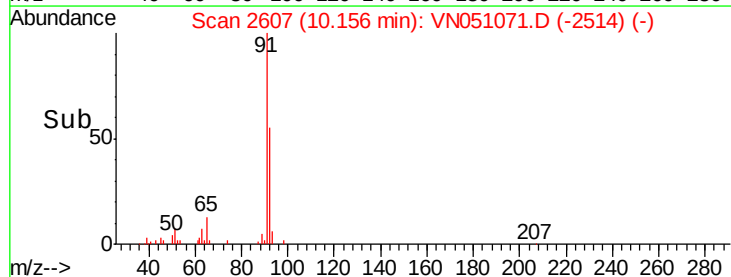
10000

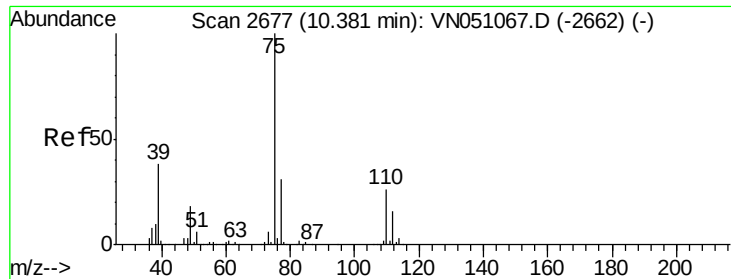
5000

0

Time-->

10.10 10.15 10.20





#53

t-1,3-Dichloropropene

Concen: 0.867 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampled :

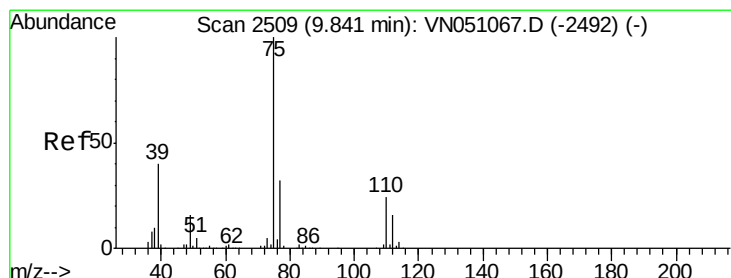
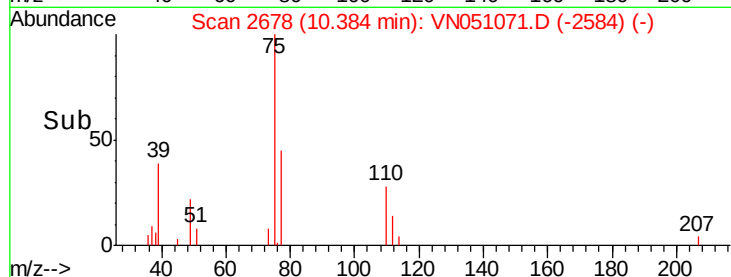
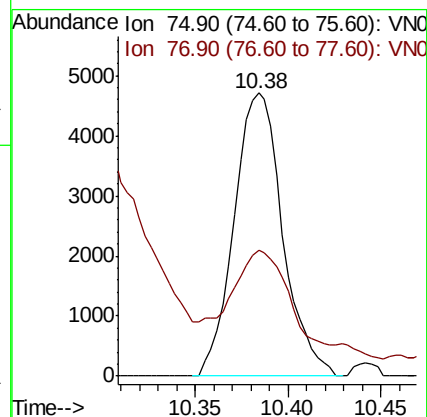
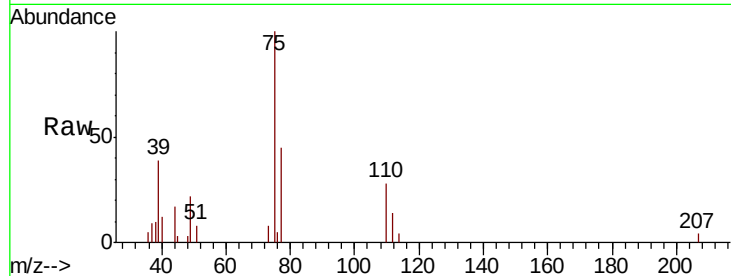
VSTDIC001

Tgt Ion: 75 Resp: 8576

Ion Ratio Lower Upper

75 100

77 33.3 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 0.904 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

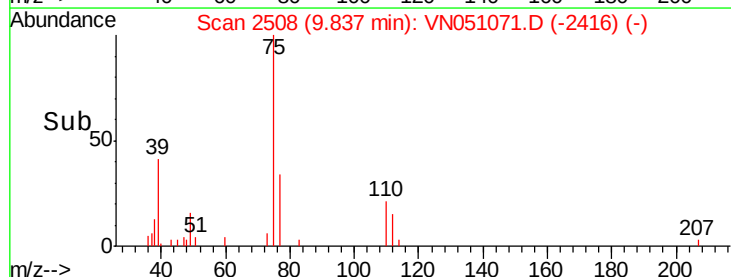
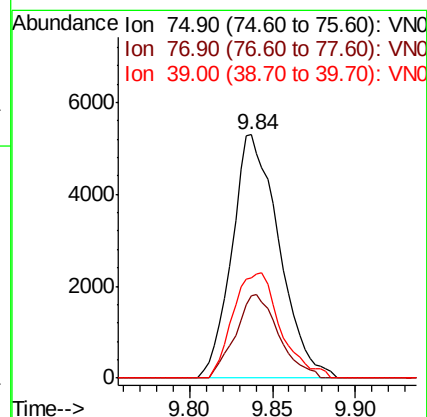
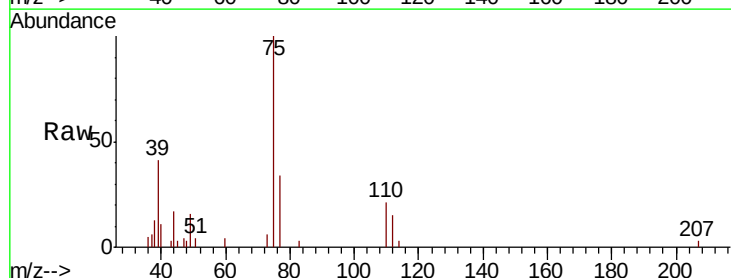
Tgt Ion: 75 Resp: 10476

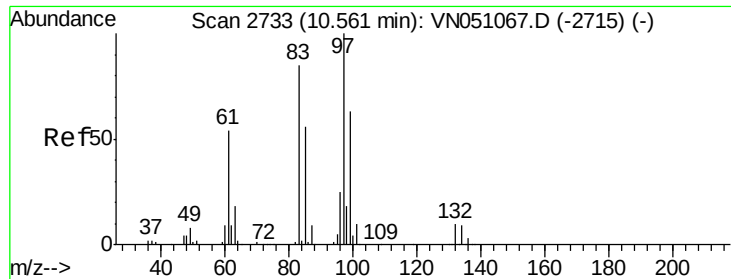
Ion Ratio Lower Upper

75 100

77 34.1 25.7 38.5

39 41.4 31.9 47.9





#55

1,1,2-Trichloroethane

Concen: 0.971 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC001

Tgt Ion: 97 Resp: 6626

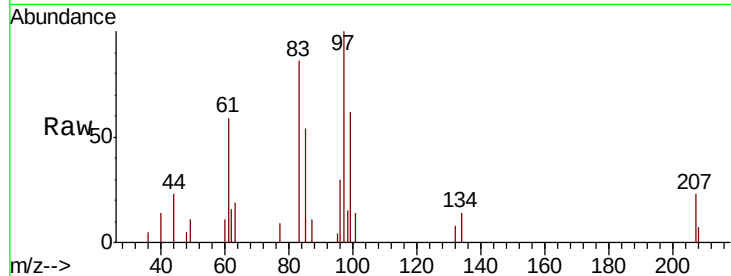
Ion Ratio Lower Upper

97 100

83 85.9 68.2 102.2

85 54.2 44.8 67.2

99 61.8 50.2 75.4

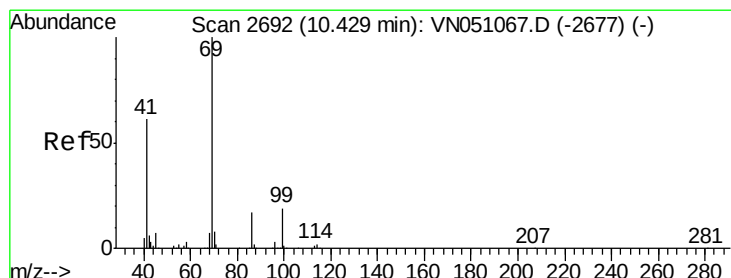
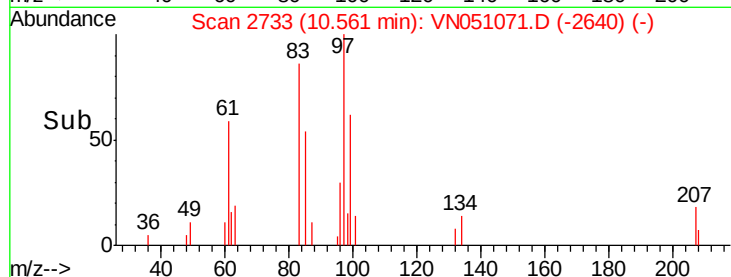
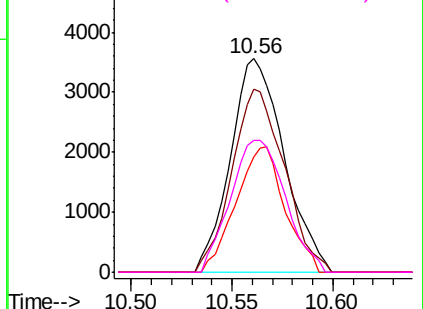


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 0.742 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

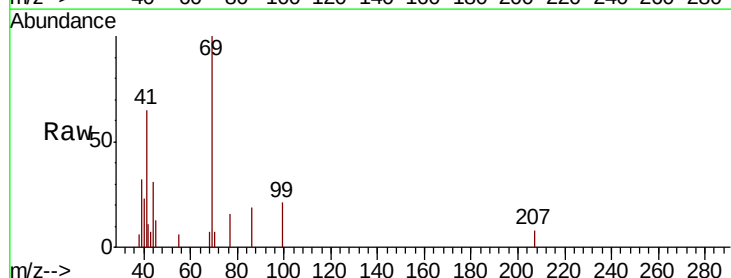
Tgt Ion: 69 Resp: 6061

Ion Ratio Lower Upper

69 100

41 60.2 47.8 71.8

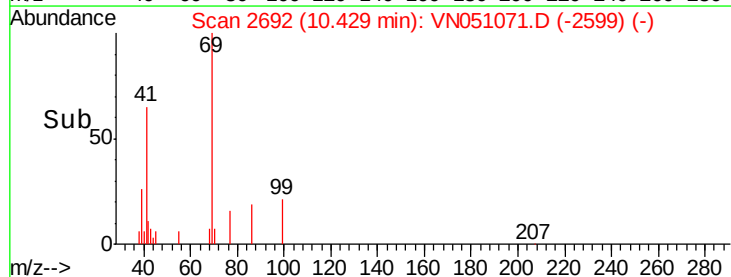
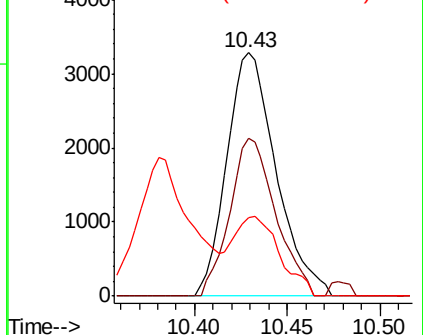
39 32.1 23.0 34.4



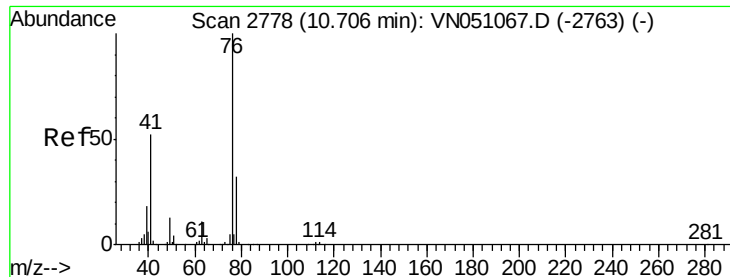
Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO







#57

1,3-Dichloropropane

Concen: 0.948 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

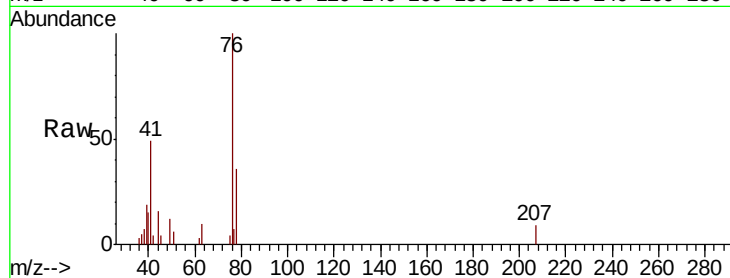
VSTDIC001

Tgt Ion: 76 Resp: 10728

Ion Ratio Lower Upper

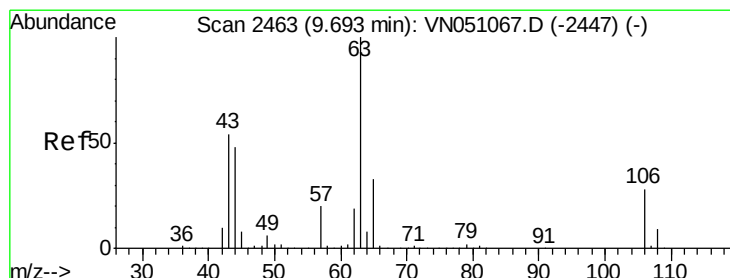
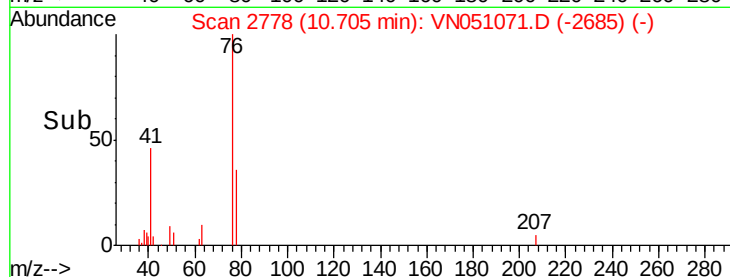
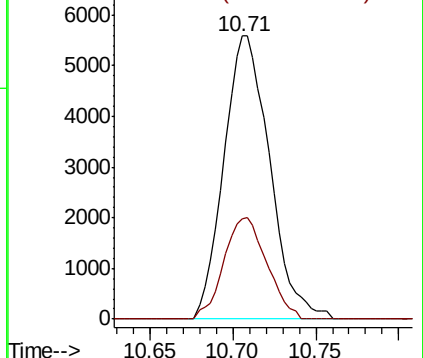
76 100

78 33.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 3.526 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051071.D

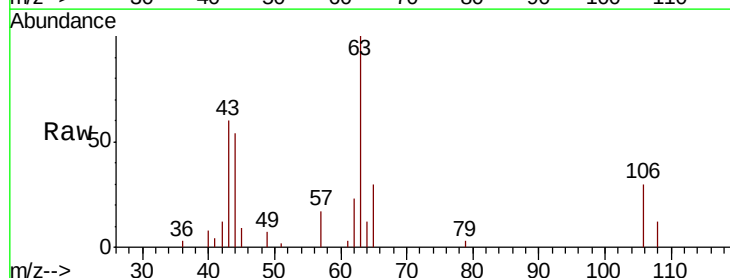
Acq: 10 Sep 2018 11:01

Tgt Ion: 63 Resp: 11772

Ion Ratio Lower Upper

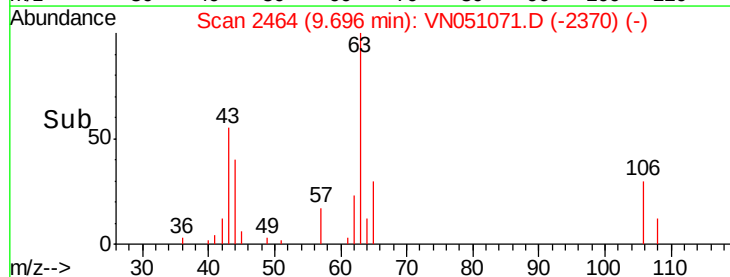
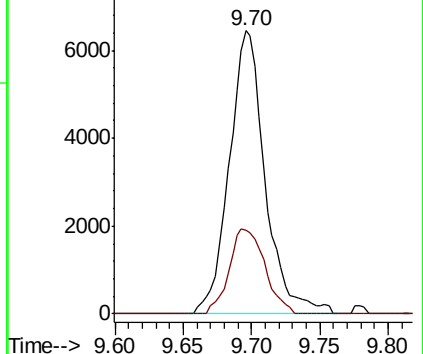
63 100

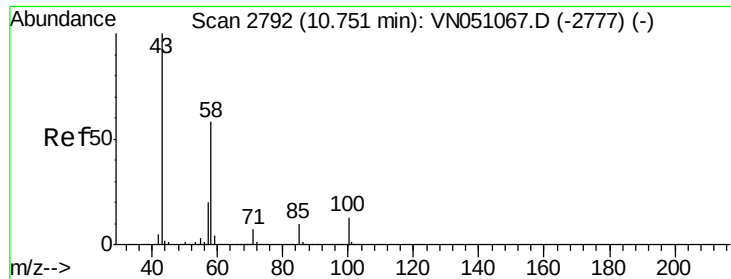
106 29.8 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

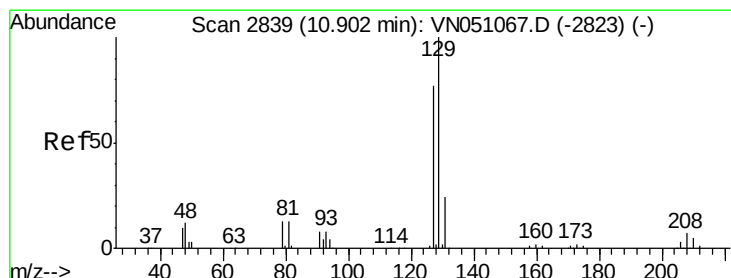
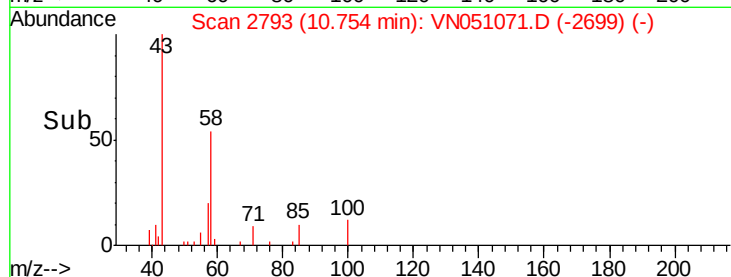
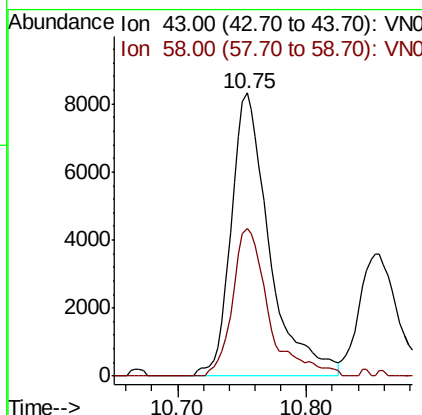
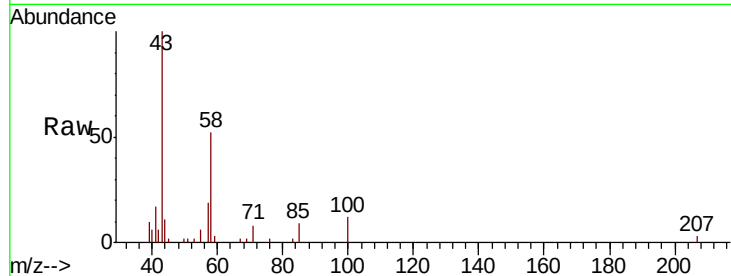




#59  
2-Hexanone  
Concen: 4.375 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

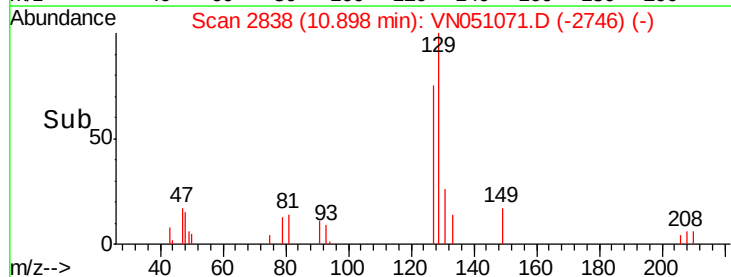
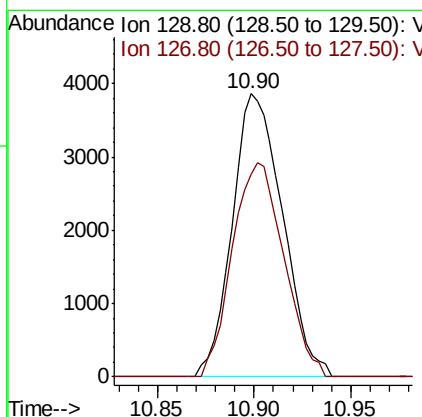
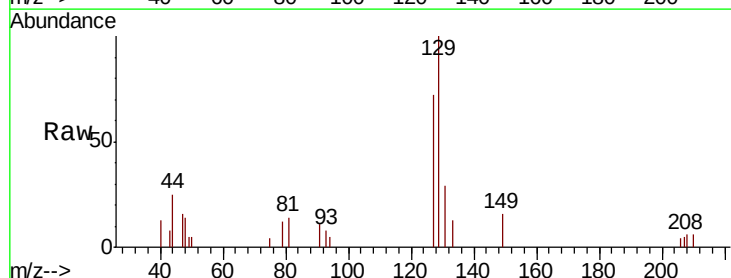
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

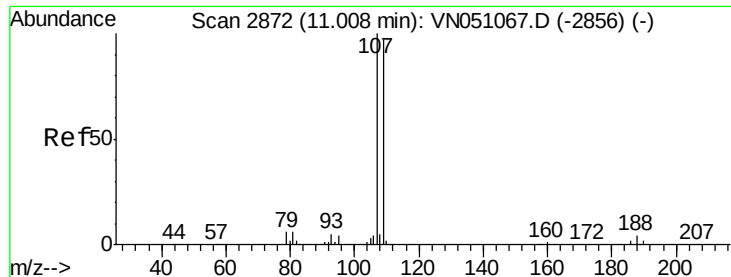
Tgt Ion: 43 Resp: 17148  
Ion Ratio Lower Upper  
43 100  
58 49.4 29.3 88.0



#60  
Dibromochloromethane  
Concen: 0.907 ug/l  
RT: 10.90 min Scan# 2838  
Delta R.T. -0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

Tgt Ion: 129 Resp: 6975  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.5 115.5

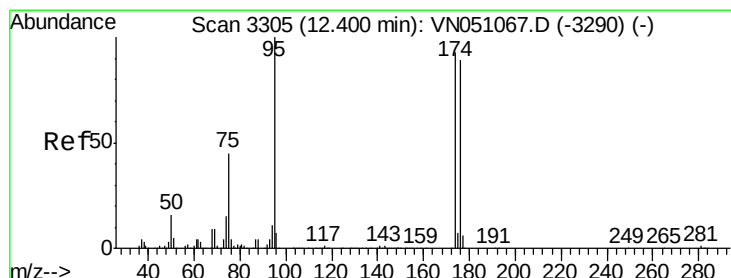
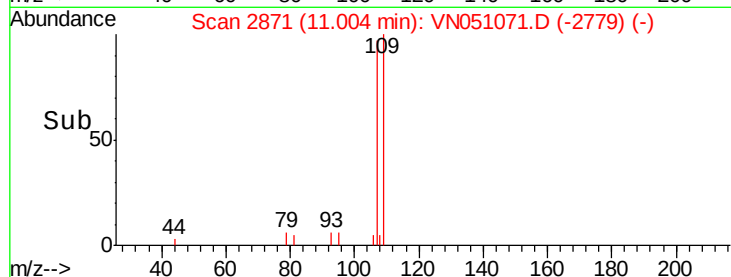
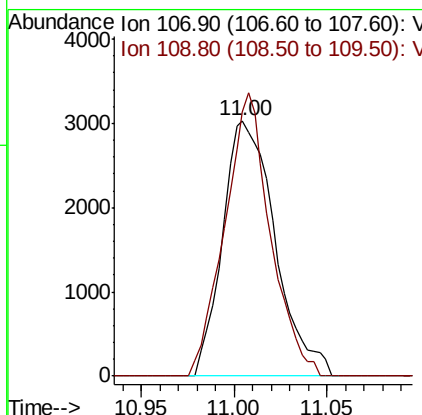
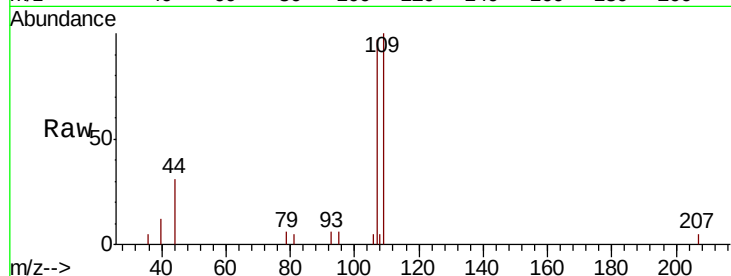




#61  
 1,2-Dibromoethane  
 Concen: 0.894 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. -0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

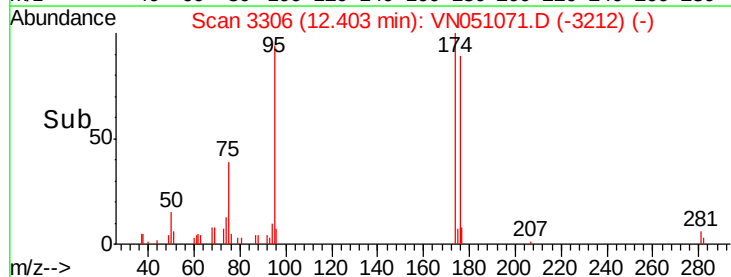
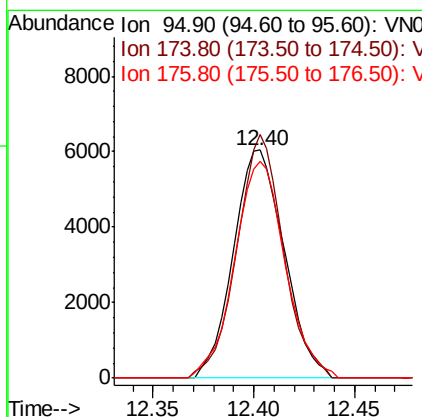
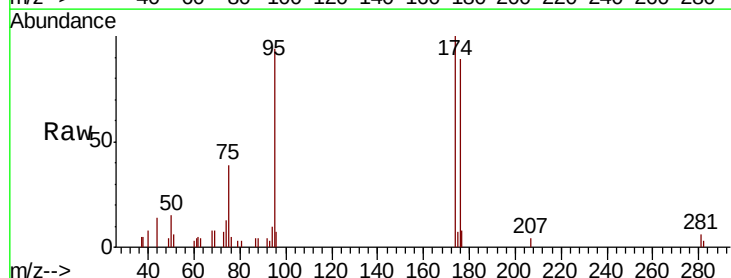
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

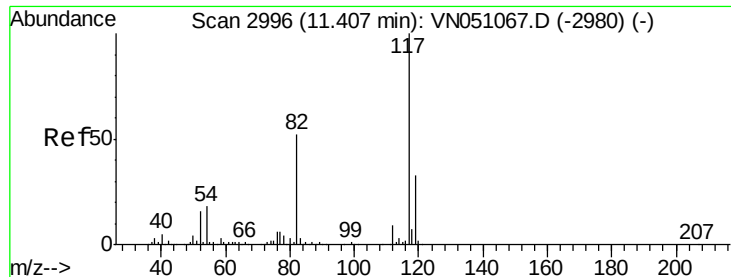
Tgt Ion: 107 Resp: 5968  
 Ion Ratio Lower Upper  
 107 100  
 109 95.9 76.0 114.0



#62  
 4-Bromofluorobenzene  
 Concen: 1.213 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Tgt Ion: 95 Resp: 10660  
 Ion Ratio Lower Upper  
 95 100  
 174 97.5 0.0 184.8  
 176 94.3 0.0 178.6

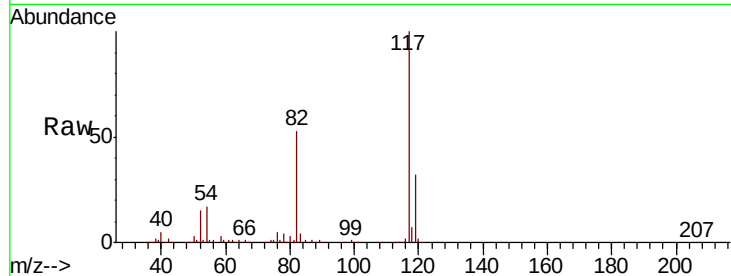




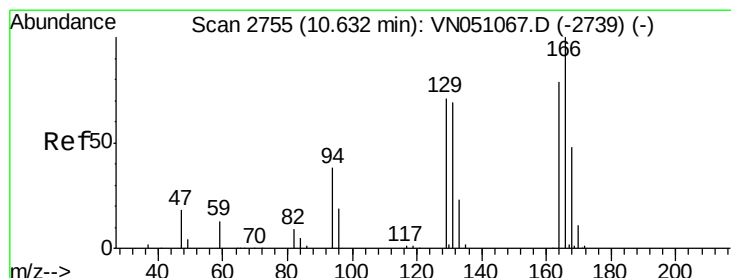
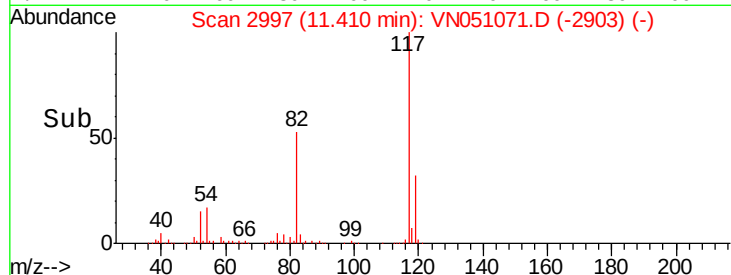
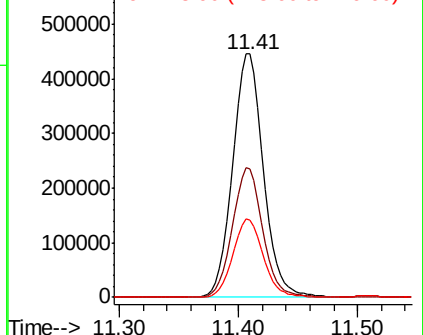
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2997  
Delta R.T. 0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion:117 Resp: 797935  
Ion Ratio Lower Upper  
117 100  
82 52.8 41.8 62.6  
119 31.9 26.2 39.2

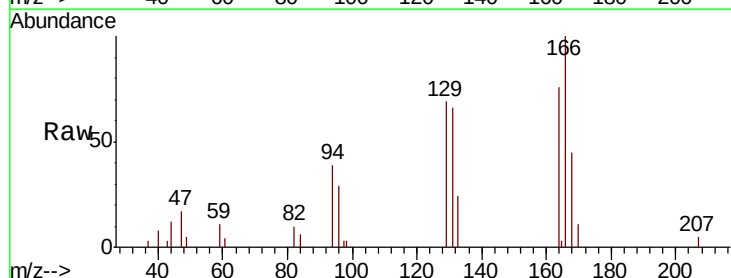


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

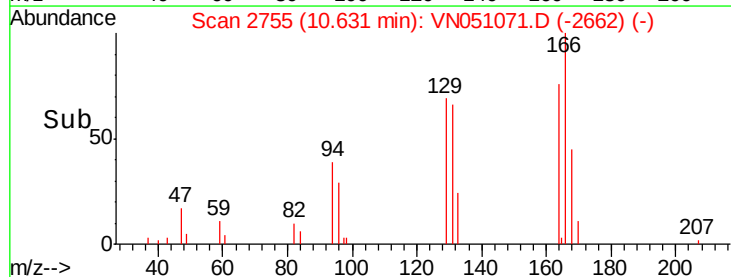
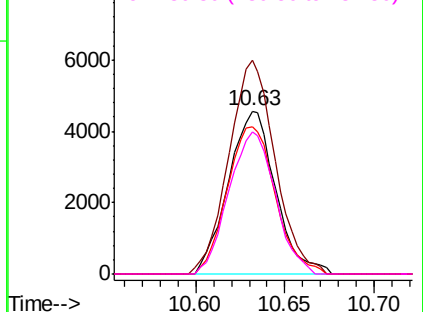


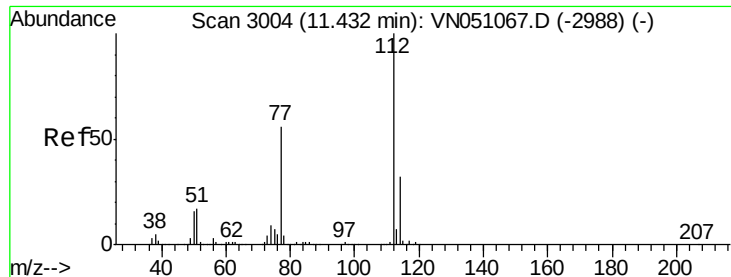
#64  
Tetrachloroethene  
Concen: 1.153 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. -0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

Tgt Ion:164 Resp: 8395  
Ion Ratio Lower Upper  
164 100  
166 131.4 101.3 151.9  
129 90.7 72.2 108.2  
131 87.1 70.2 105.2



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

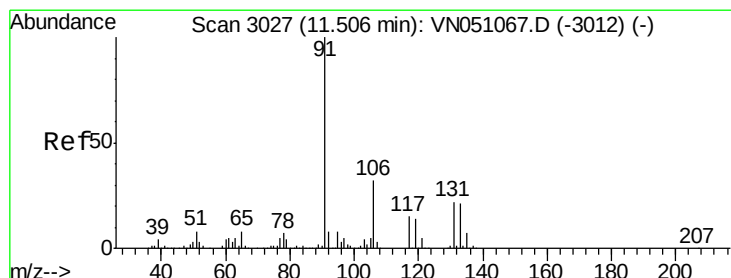
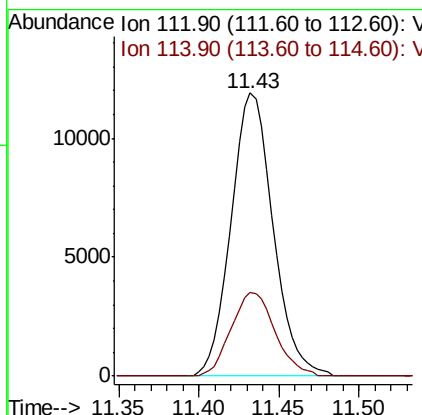
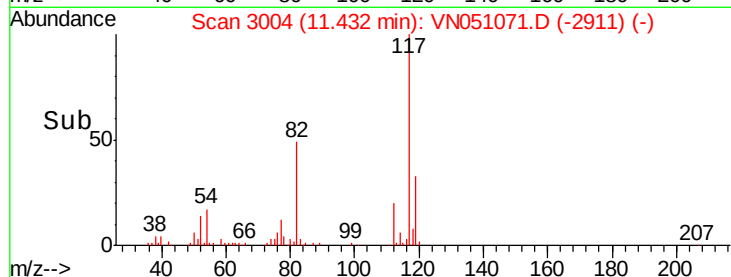
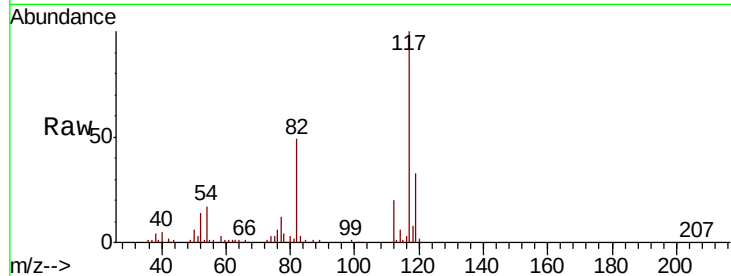




#65  
Chlorobenzene  
Concen: 1.060 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. -0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

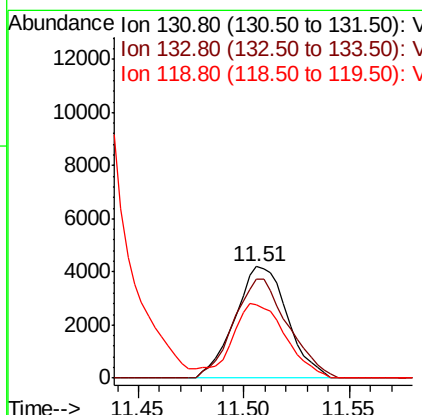
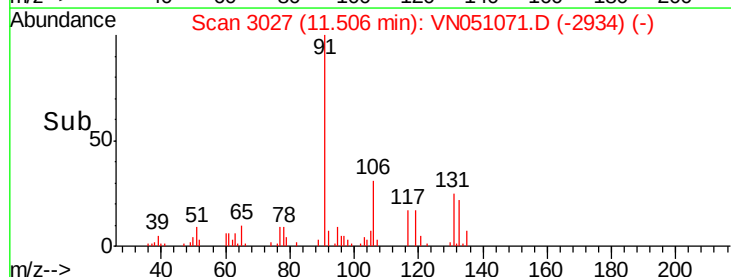
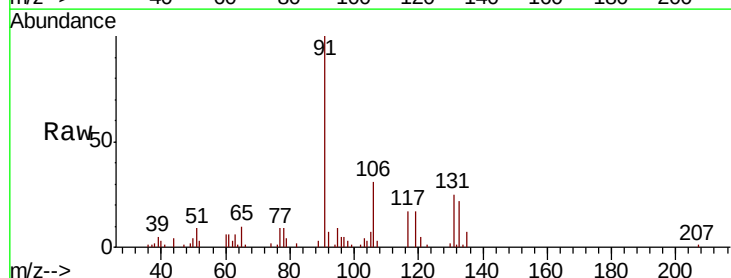
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

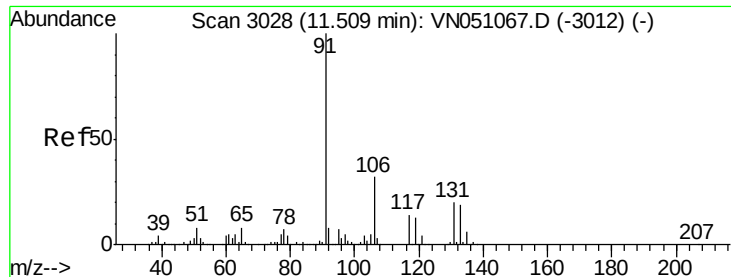
Tgt Ion:112 Resp: 21315  
Ion Ratio Lower Upper  
112 100  
114 29.4 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 1.003 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. -0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

Tgt Ion:131 Resp: 7262  
Ion Ratio Lower Upper  
131 100  
133 91.9 47.5 142.6  
119 0.0 33.2 99.6#

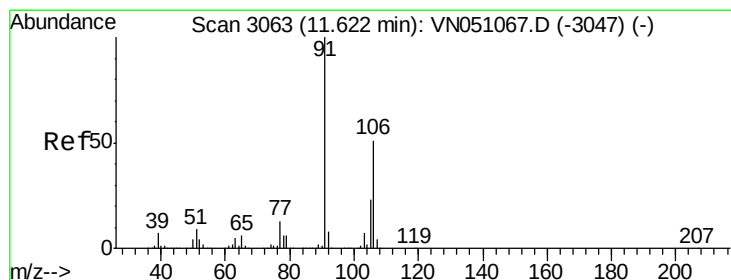
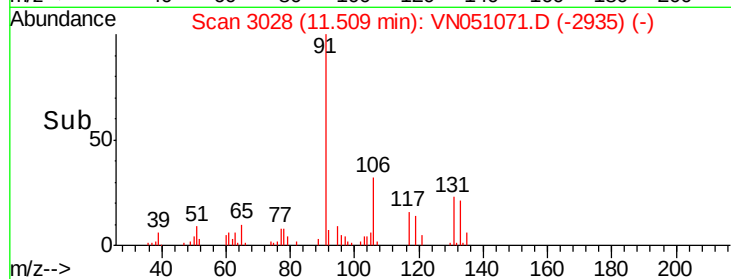
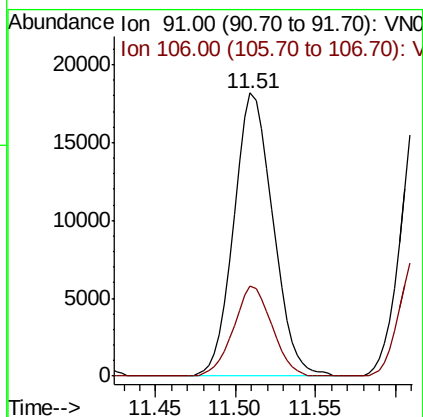
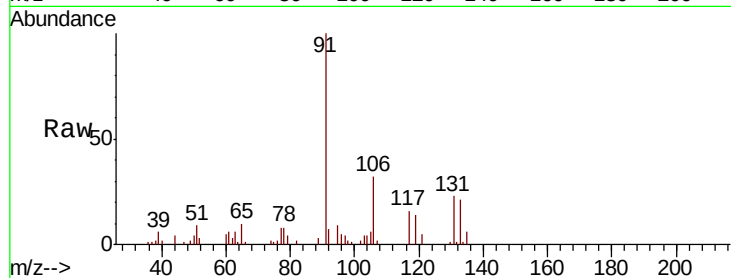




#67  
Ethyl Benzene  
Concen: 0.934 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. -0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

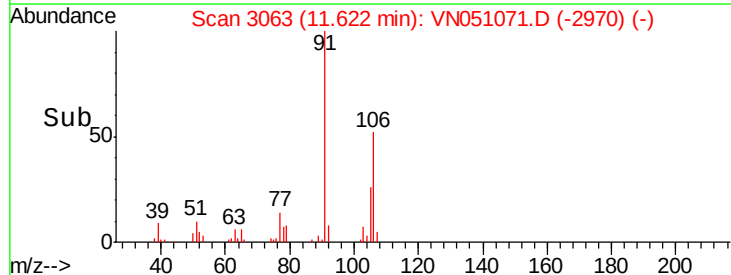
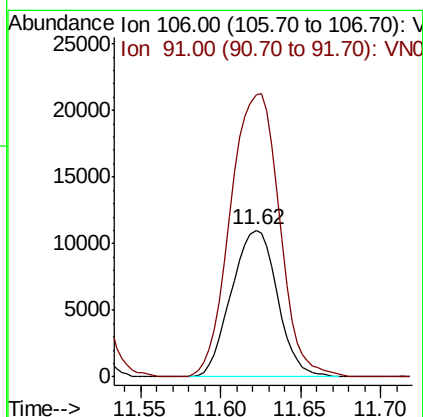
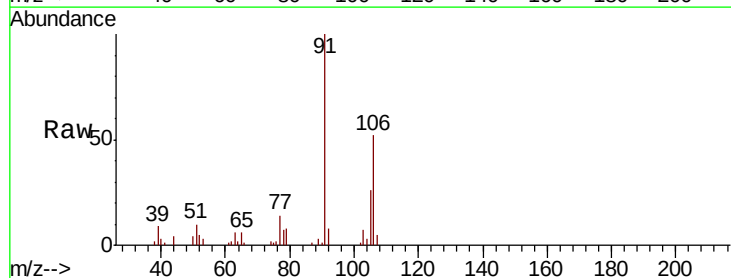
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

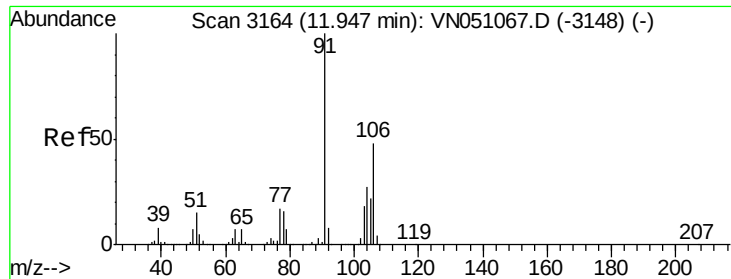
Tgt Ion: 91 Resp: 30414  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.4 38.2



#68  
m/p-Xylenes  
Concen: 1.729 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. -0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

Tgt Ion: 106 Resp: 21638  
Ion Ratio Lower Upper  
106 100  
91 205.9 159.8 239.6

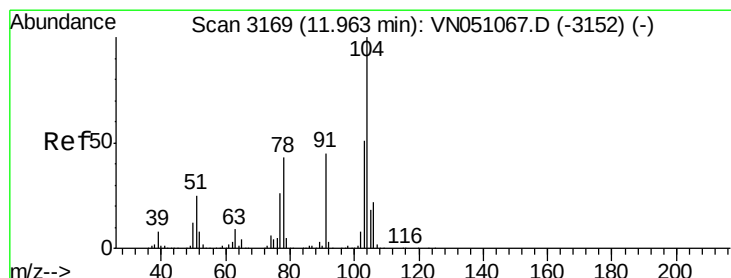
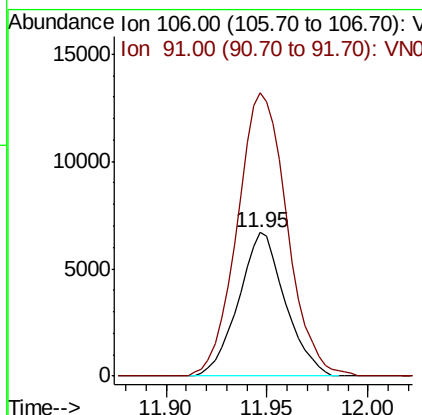
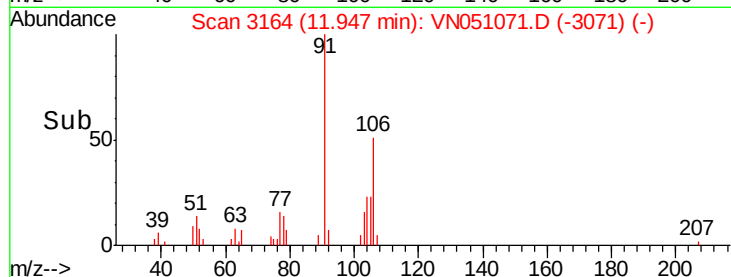
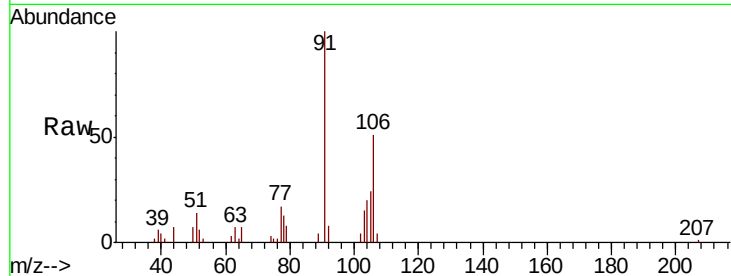




#69  
o-Xylene  
Concen: 0.893 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. -0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

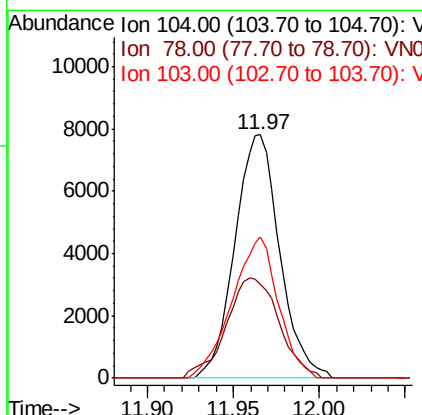
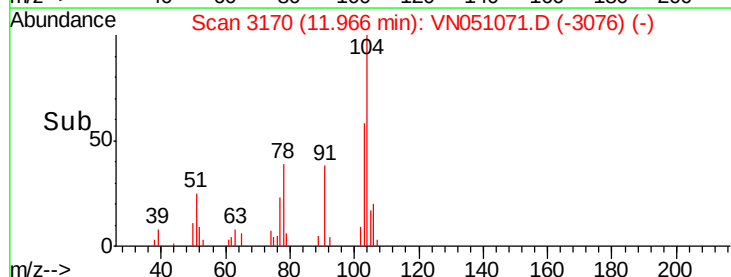
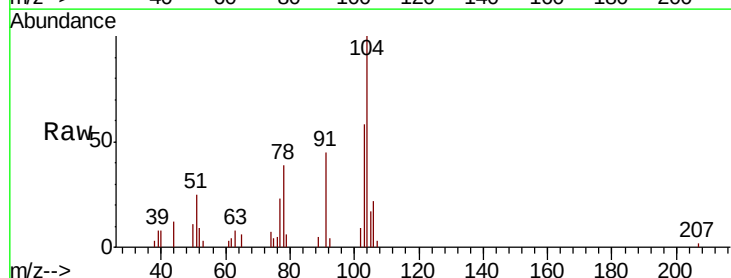
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC001

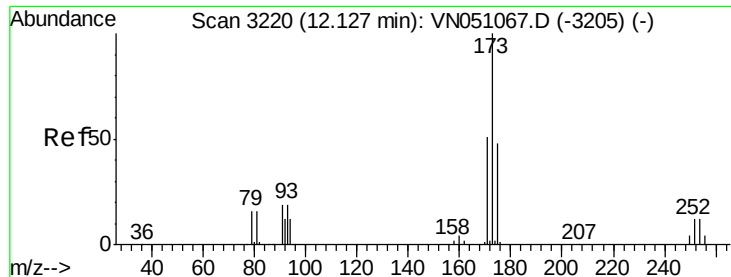
Tgt Ion:106 Resp: 10819  
Ion Ratio Lower Upper  
106 100  
91 211.2 105.1 315.1



#70  
Styrene  
Concen: 0.752 ug/l  
RT: 11.97 min Scan# 3170  
Delta R.T. 0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

Tgt Ion:104 Resp: 14143  
Ion Ratio Lower Upper  
104 100  
78 48.3 37.7 56.5  
103 59.6 44.6 67.0





#71

Bromoform

Concen: 0.864 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

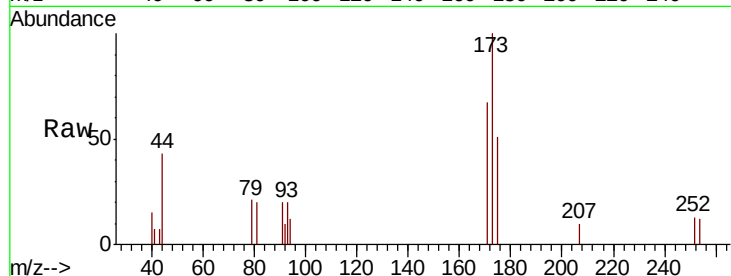
Tgt Ion:173 Resp: 4404

Ion Ratio Lower Upper

173 100

175 52.9 24.3 72.9

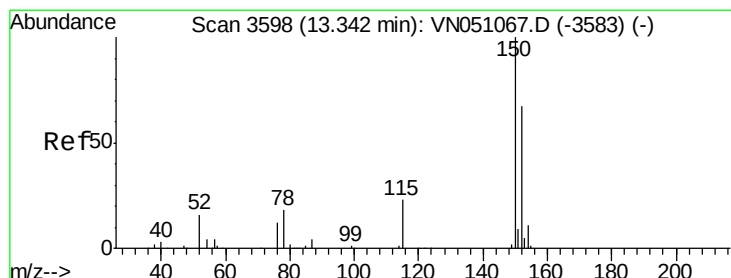
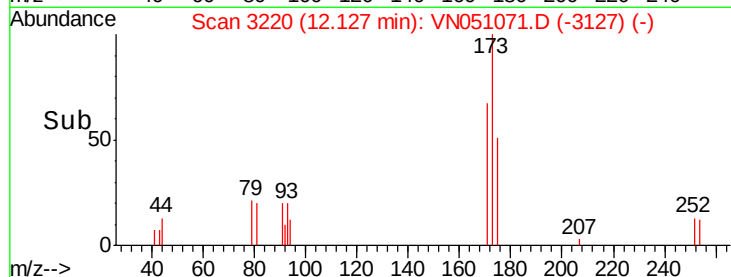
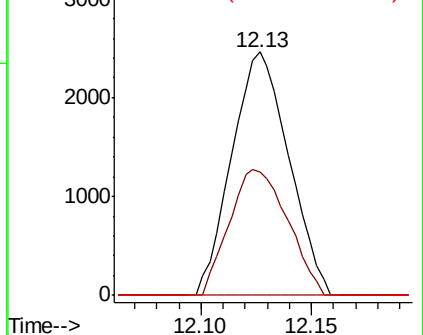
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

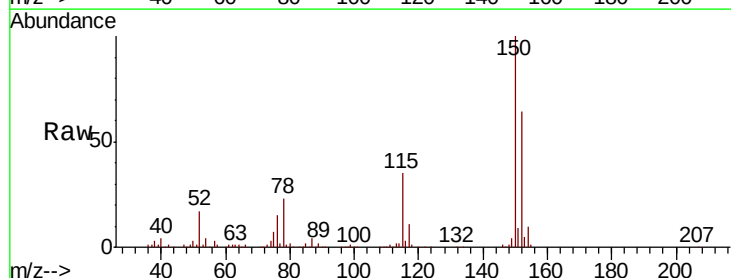
Tgt Ion:152 Resp: 273749

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

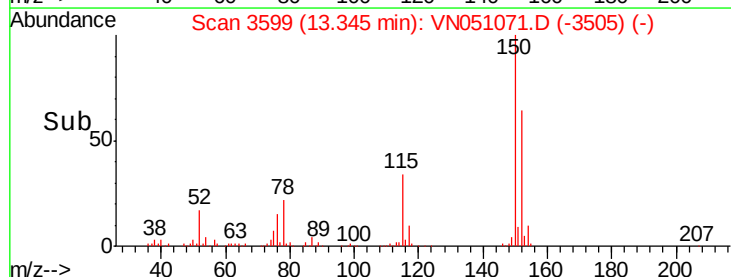
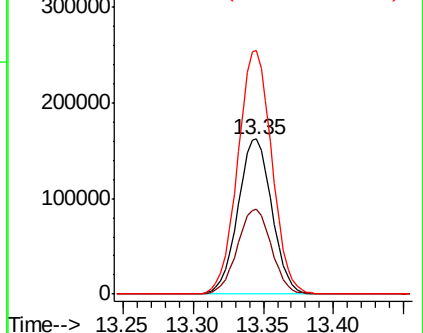
150 157.3 0.0 349.0



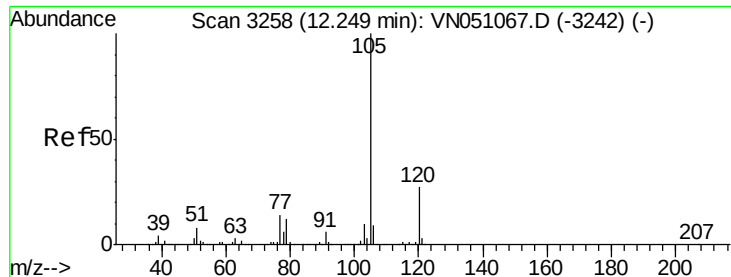
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



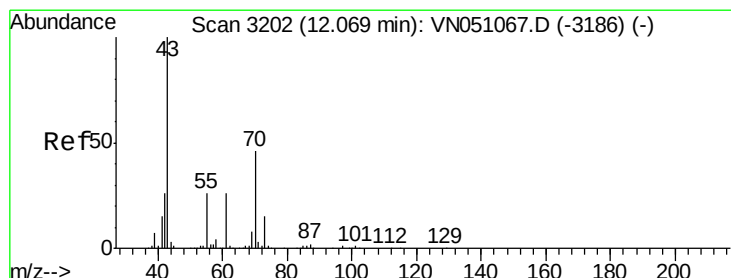
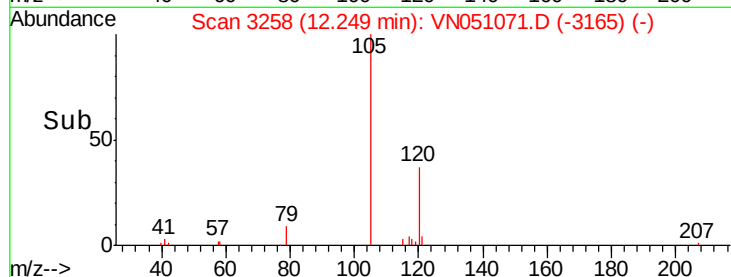
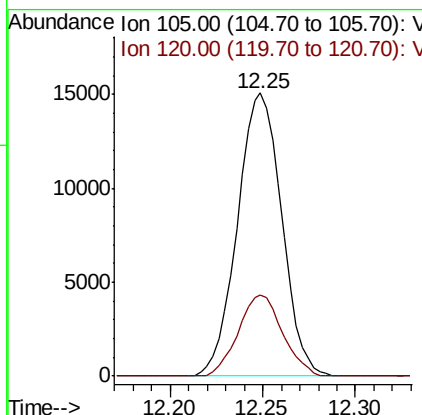
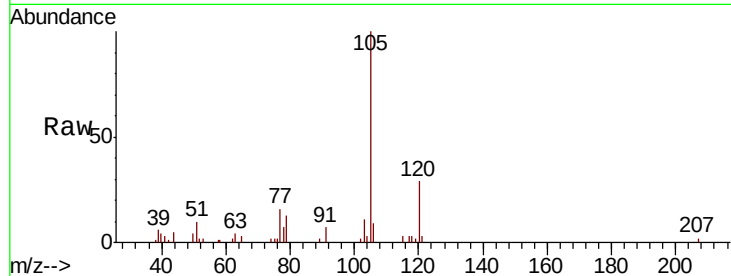




#73  
Isopropylbenzene  
Concen: 1.087 ug/l  
RT: 12.25 min Scan# 3258  
Delta R.T. -0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

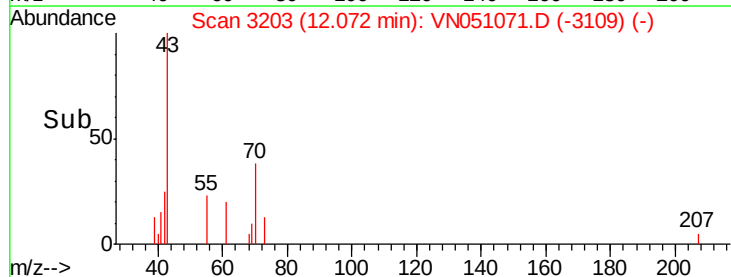
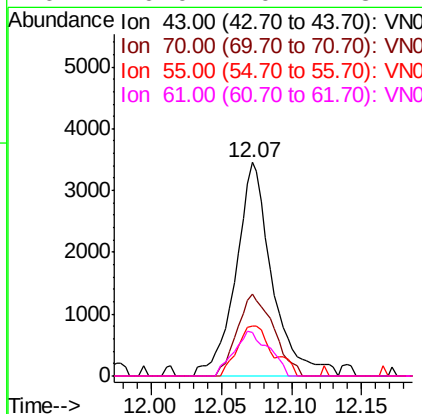
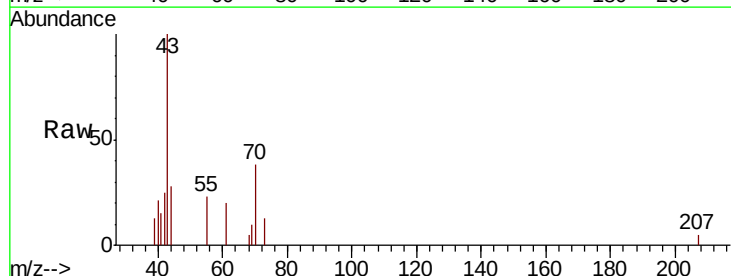
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

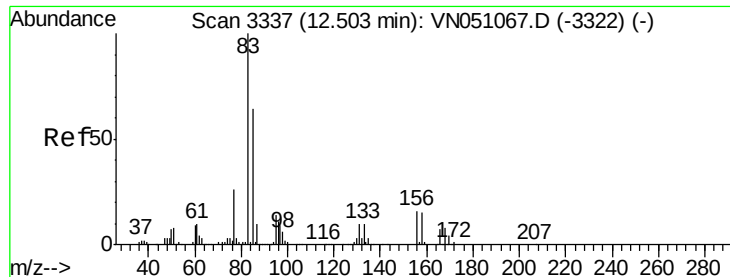
Tgt Ion:105 Resp: 24945  
Ion Ratio Lower Upper  
105 100  
120 28.7 13.6 40.7



#74  
N-ethyl acetate  
Concen: 1.077 ug/l  
RT: 12.07 min Scan# 3203  
Delta R.T. 0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

Tgt Ion: 43 Resp: 6222  
Ion Ratio Lower Upper  
43 100  
70 38.3 37.0 55.4  
55 22.8 21.3 31.9  
61 20.0 20.7 31.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.337 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

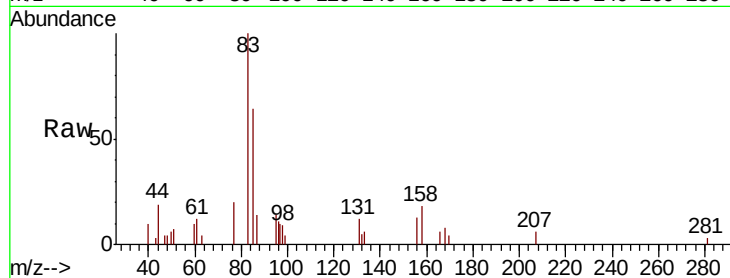
Tgt Ion: 83 Resp: 8175

Ion Ratio Lower Upper

83 100

131 10.9 5.3 16.1

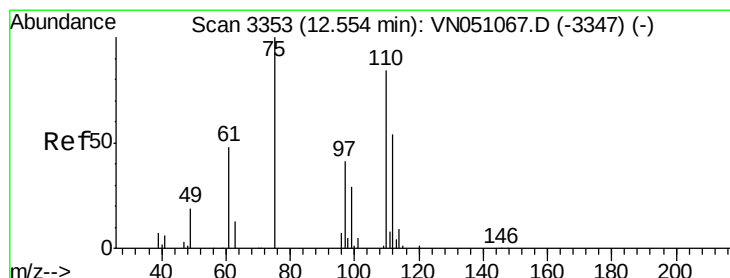
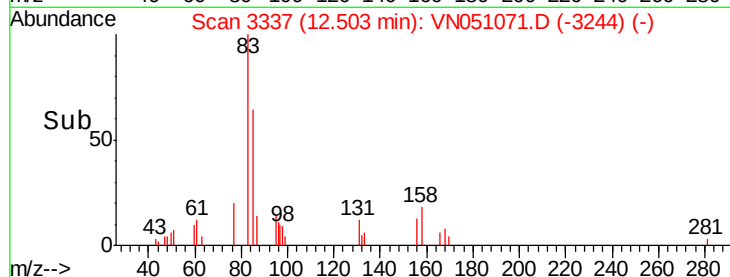
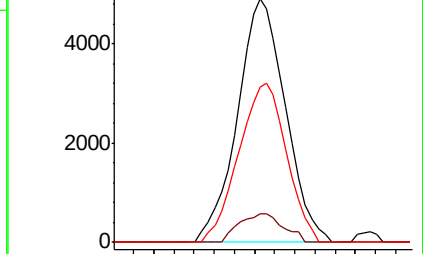
85 64.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN051071.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN051071.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN051071.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 1.958 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN051071.D

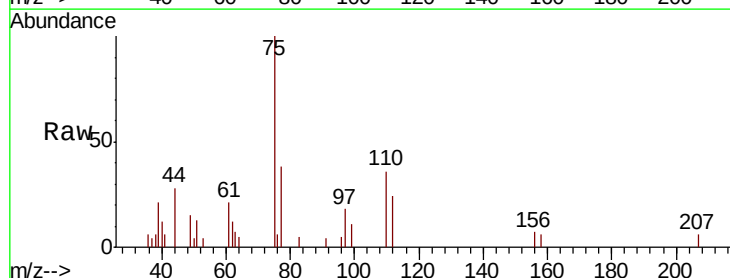
Acq: 10 Sep 2018 11:01

Tgt Ion: 75 Resp: 8912

Ion Ratio Lower Upper

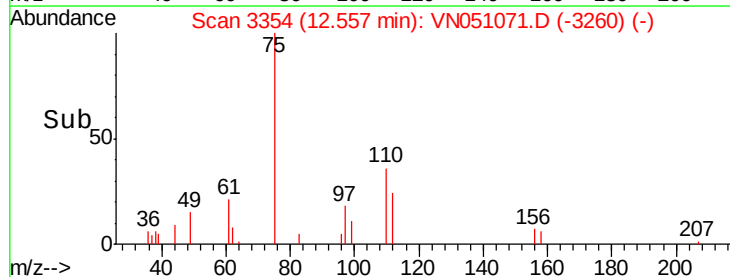
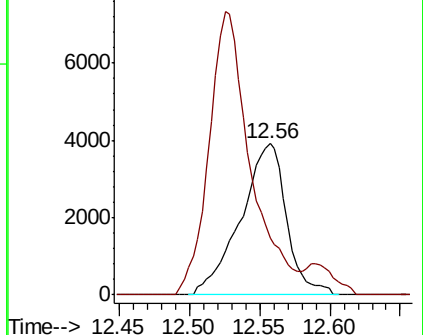
75 100

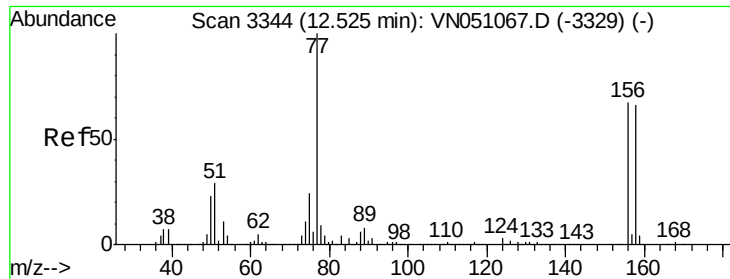
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051071.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN051071.D (-3353) (-)

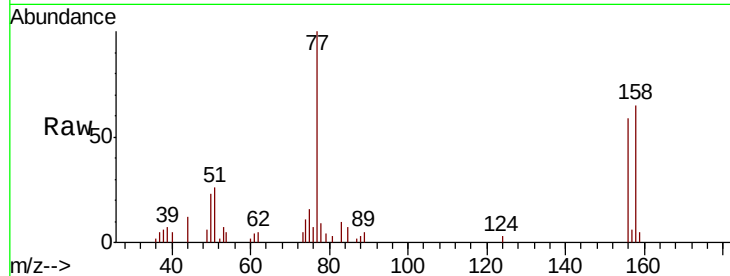




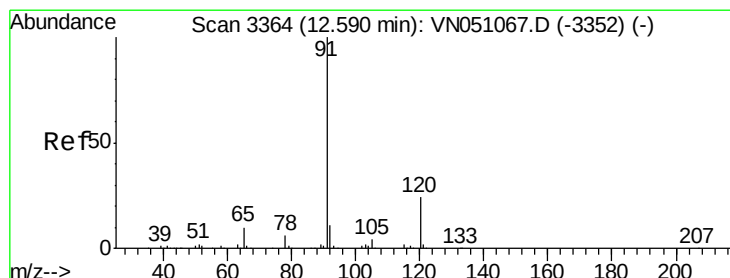
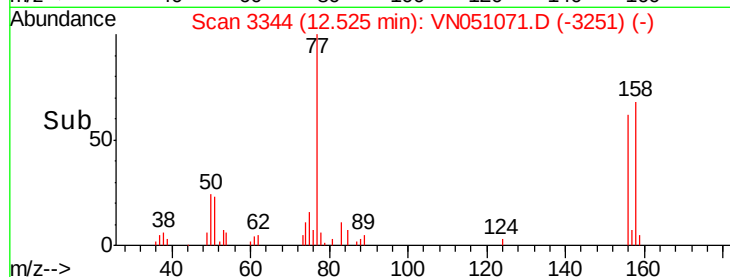
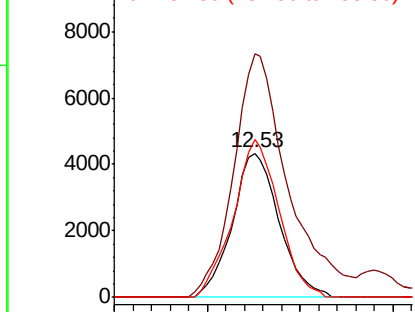
#77  
Bromobenzene  
Concen: 1.235 ug/l  
RT: 12.53 min Scan# 3344  
Delta R.T. -0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion: 156 Resp: 7613  
Ion Ratio Lower Upper  
156 100  
77 198.0 87.5 262.6  
158 106.6 49.0 147.2

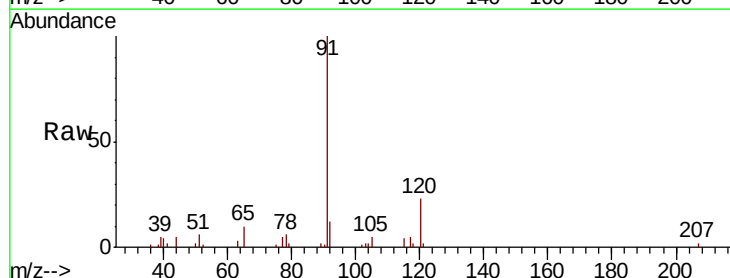


Abundance Ion 155.80 (155.50 to 156.50): V  
Ion 77.00 (76.70 to 77.70): VN  
Ion 157.80 (157.50 to 158.50): V

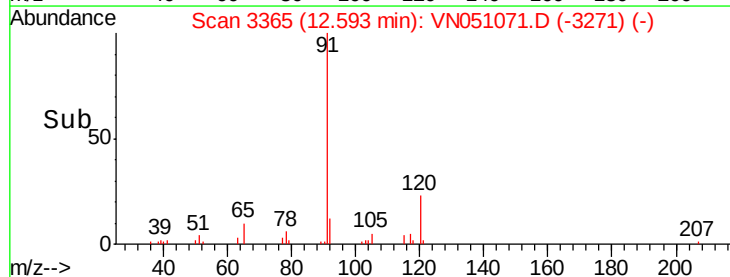
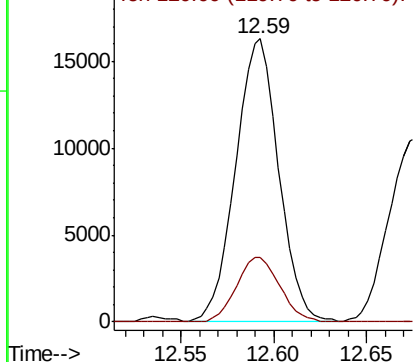


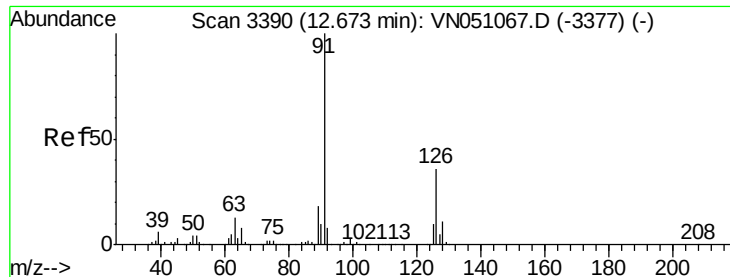
#78  
n-propylbenzene  
Concen: 1.044 ug/l  
RT: 12.59 min Scan# 3365  
Delta R.T. 0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

Tgt Ion: 91 Resp: 26342  
Ion Ratio Lower Upper  
91 100  
120 22.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN  
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.181 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampled :

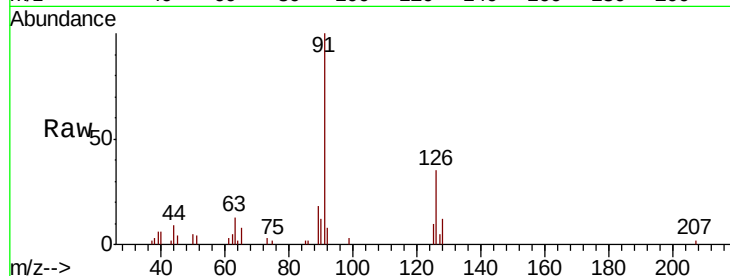
VSTDIC001

Tgt Ion: 91 Resp: 18633

Ion Ratio Lower Upper

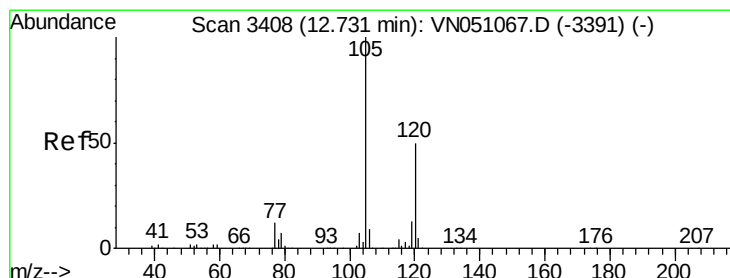
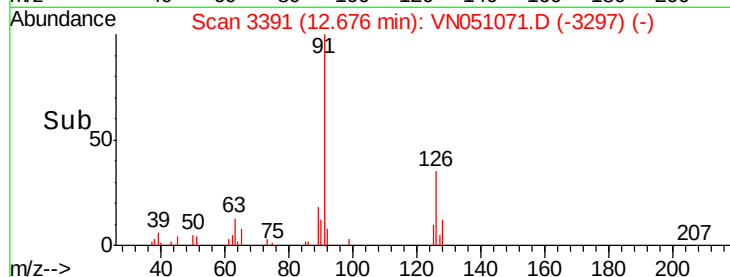
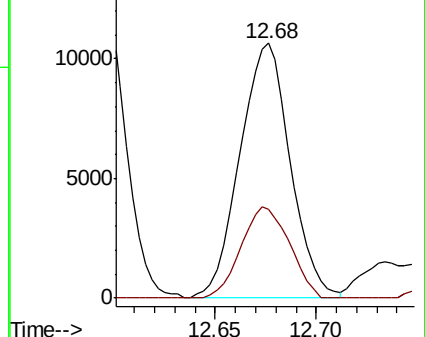
91 100

126 34.3 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN051067.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.050 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051071.D

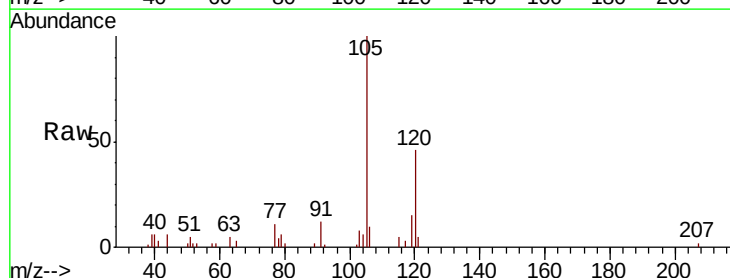
Acq: 10 Sep 2018 11:01

Tgt Ion: 105 Resp: 19488

Ion Ratio Lower Upper

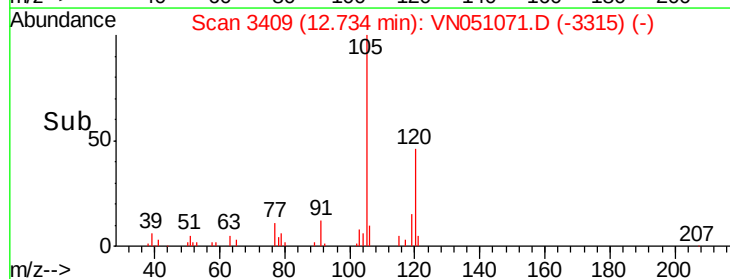
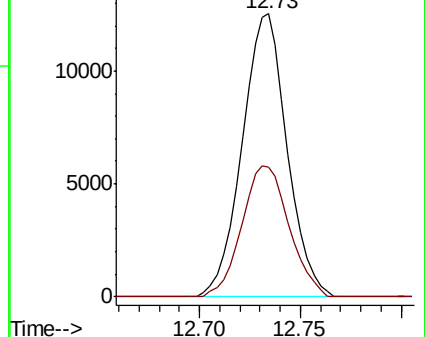
105 100

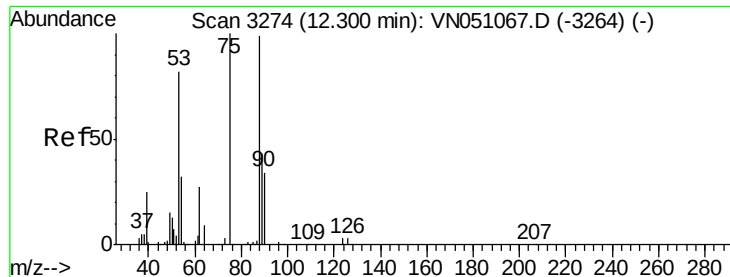
120 48.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051067.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN051067.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.900 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC001

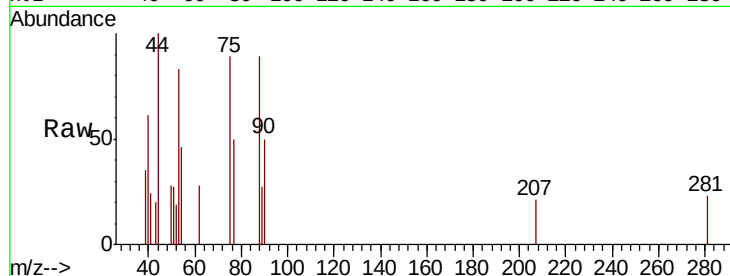
Tgt Ion: 75 Resp: 1297

Ion Ratio Lower Upper

75 100

53 108.7 67.8 101.8#

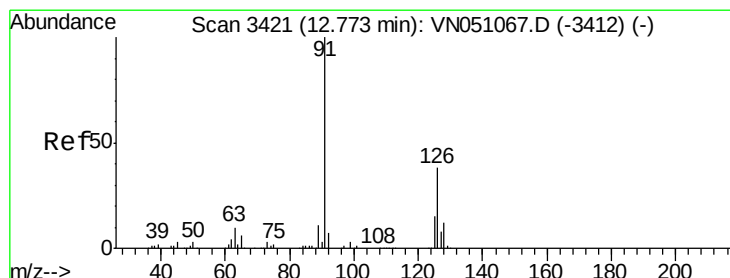
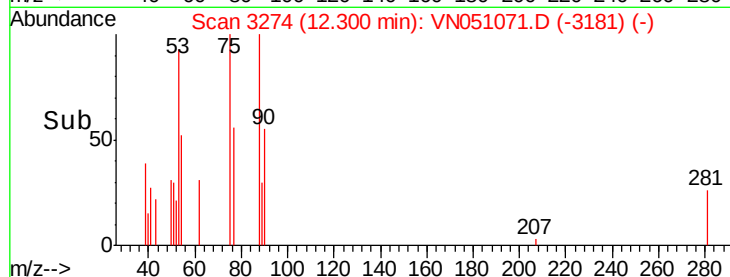
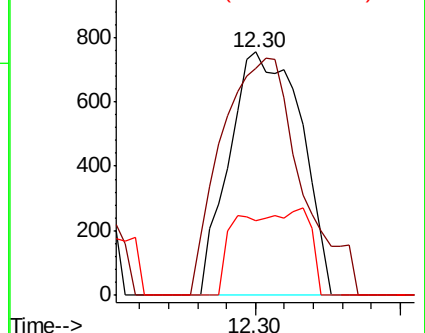
89 13.7 36.0 54.0#



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: 1.152 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051071.D

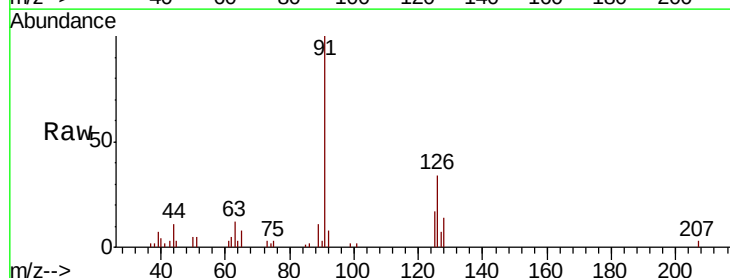
Acq: 10 Sep 2018 11:01

Tgt Ion: 91 Resp: 18038

Ion Ratio Lower Upper

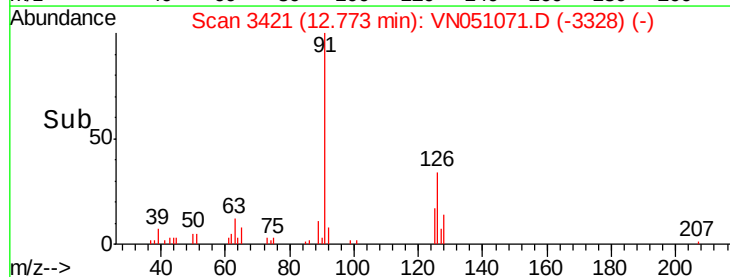
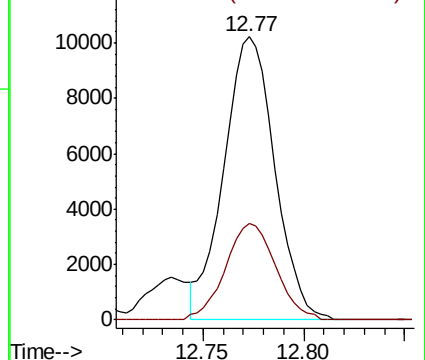
91 100

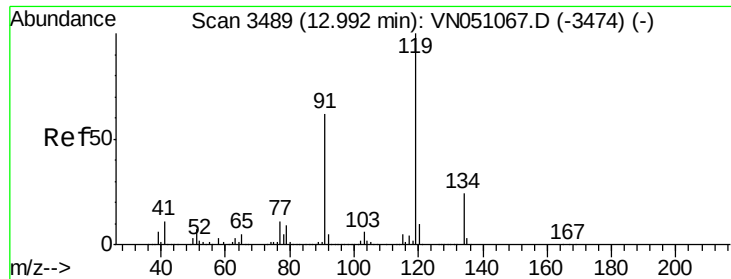
126 33.5 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

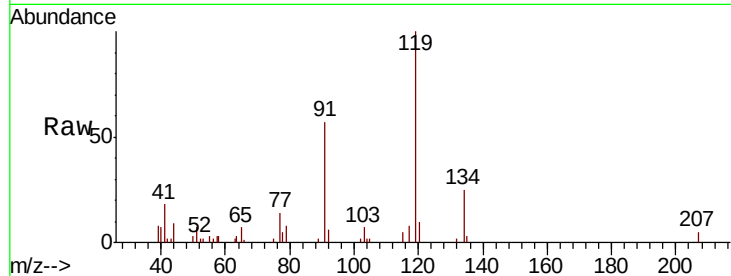




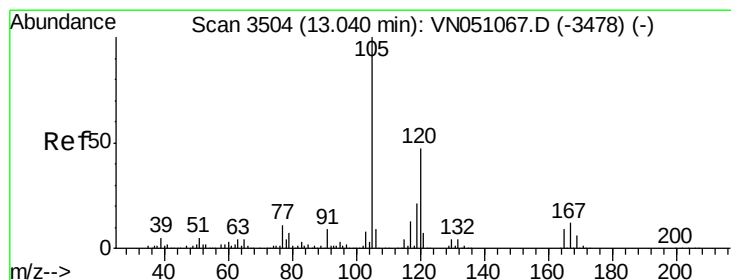
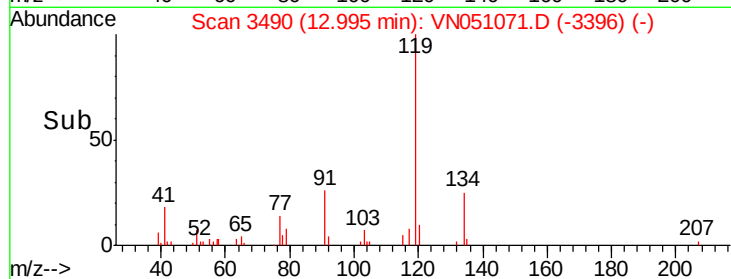
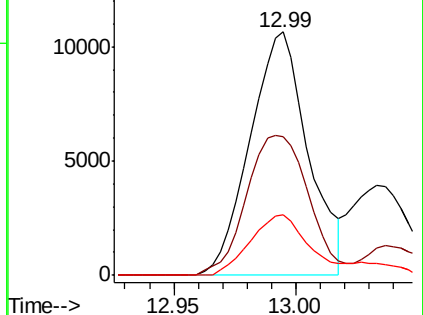
#83  
 tert-Butylbenzene  
 Concen: 1.076 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDIC001

Tgt Ion:119 Resp: 17638  
 Ion Ratio Lower Upper  
 119 100  
 91 61.3 30.8 92.3  
 134 25.0 13.2 39.6

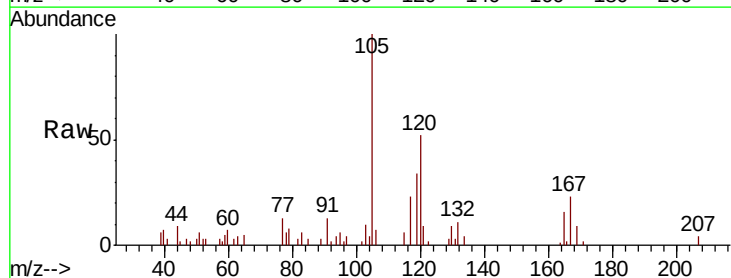


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

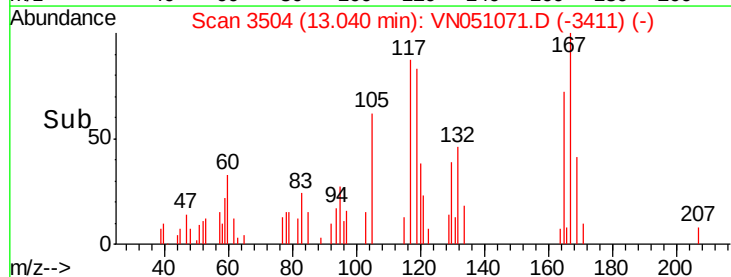
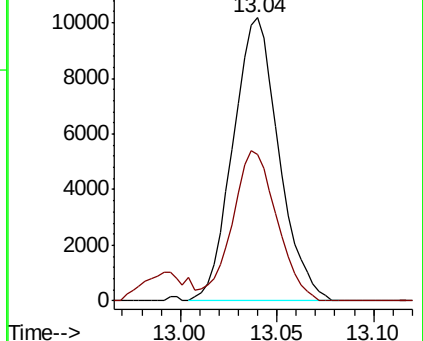


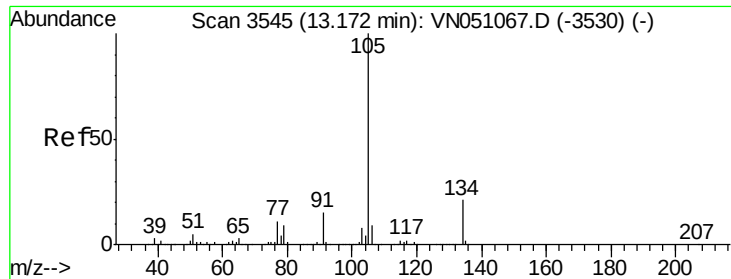
#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.921 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. -0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Tgt Ion:105 Resp: 16811  
 Ion Ratio Lower Upper  
 105 100  
 120 51.1 23.3 69.8



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





#85

sec-Butylbenzene

Concen: 1.027 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampleId :

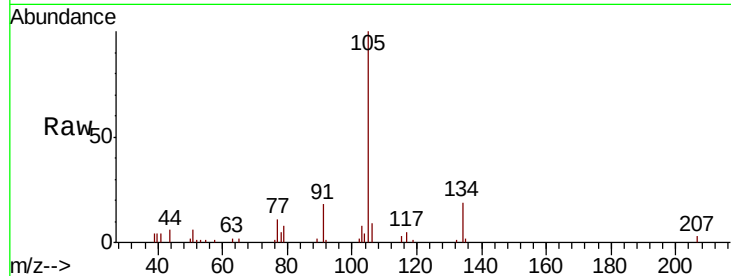
VSTDIC001

Tgt Ion:105 Resp: 21585

Ion Ratio Lower Upper

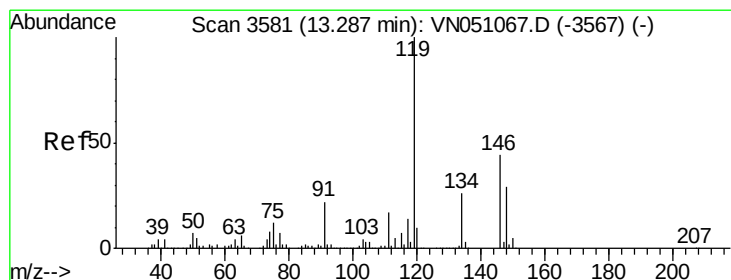
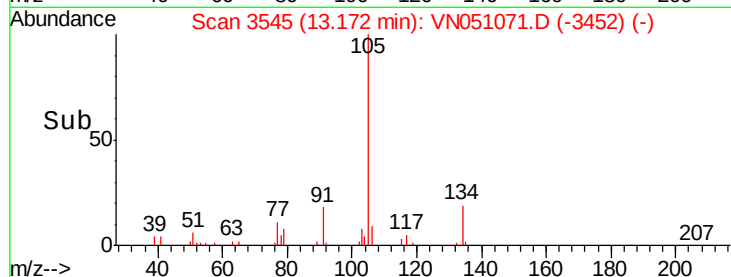
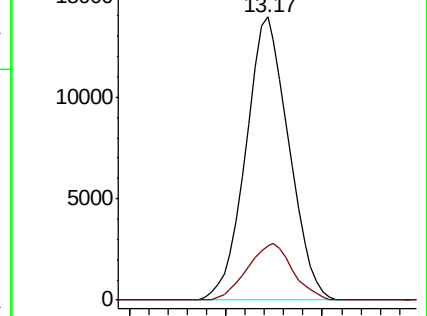
105 100

134 21.1 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.905 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

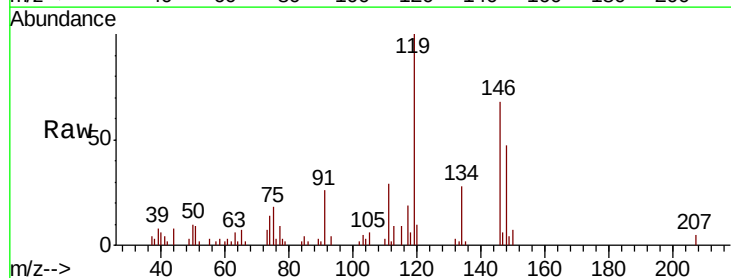
Tgt Ion:119 Resp: 16120

Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.4

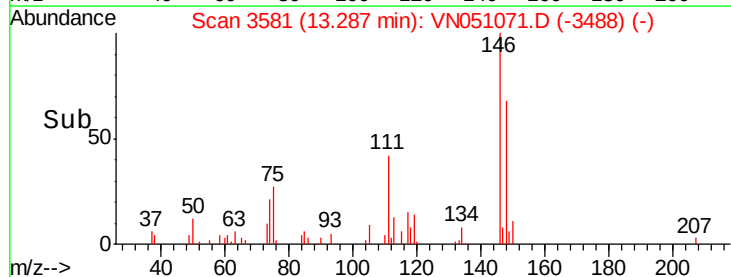
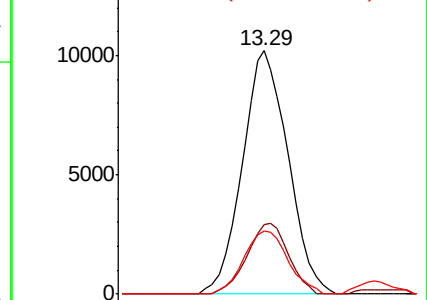
91 25.2 10.9 32.9

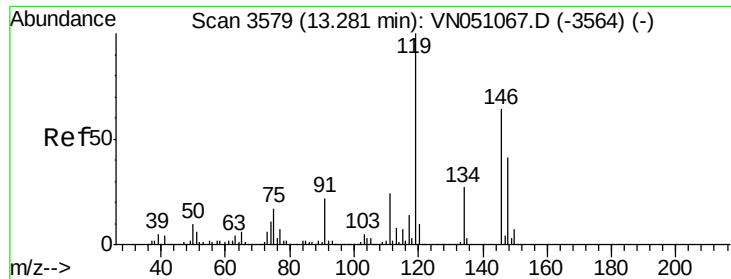


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

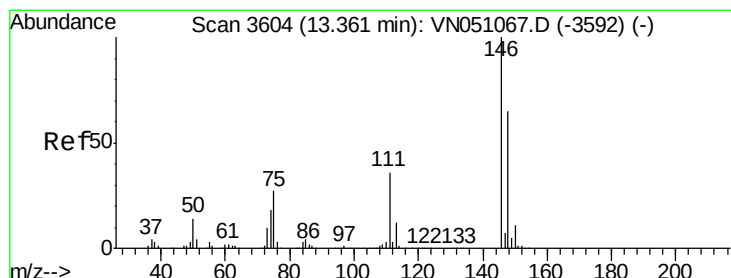
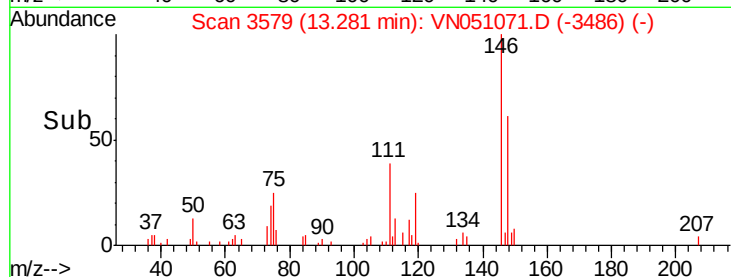
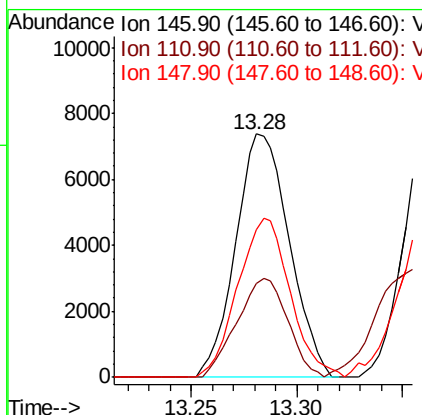
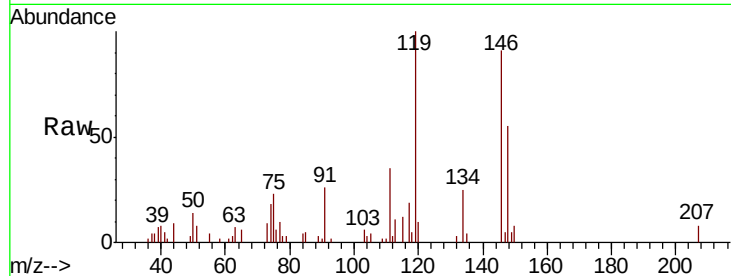




#87  
 1,3-Dichlorobenzene  
 Concen: 1.246 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. -0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

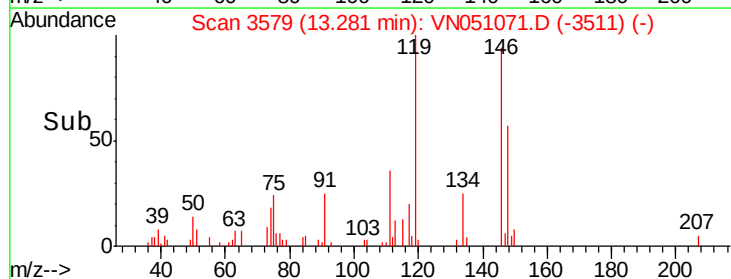
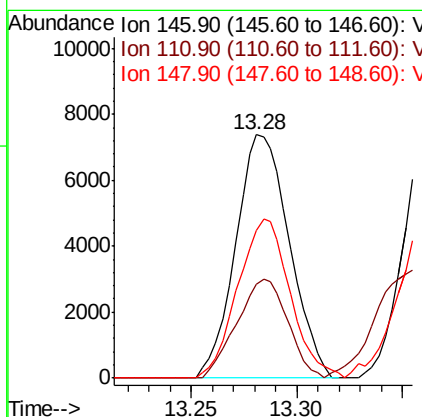
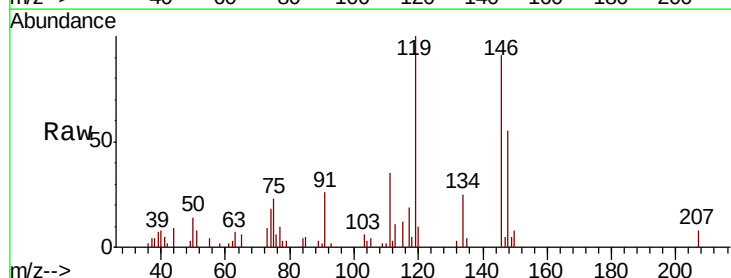
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tgt Ion:146 Resp: 13035  
 Ion Ratio Lower Upper  
 146 100  
 111 38.5 19.1 57.1  
 148 63.8 32.2 96.6

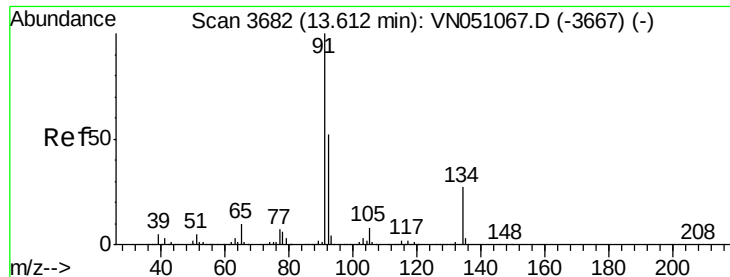


#88  
 1,4-Dichlorobenzene  
 Concen: 1.264 ug/l  
 RT: 13.28 min Scan# 3579  
 Delta R.T. -0.08 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Tgt Ion:146 Resp: 13035  
 Ion Ratio Lower Upper  
 146 100  
 111 38.5 18.4 55.0  
 148 63.8 32.2 96.6







#89

n-Butylbenzene

Concen: 0.949 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051071.D

Acq: 10 Sep 2018 11:01

Instrument :

MSVOA\_N

ClientSampled :

VSTDIC001

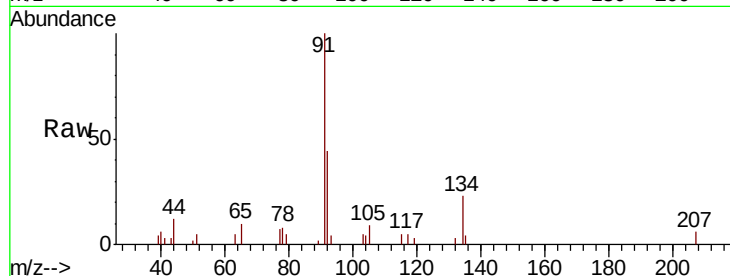
Tgt Ion: 91 Resp: 13161

Ion Ratio Lower Upper

91 100

92 45.5 26.2 78.6

134 23.7 13.7 41.1

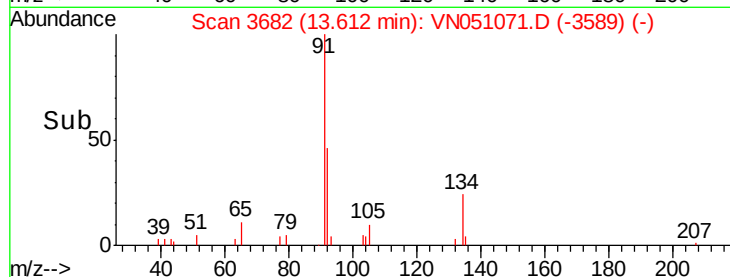


Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN051067.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN051067.D (-3667) (-)

Time-->

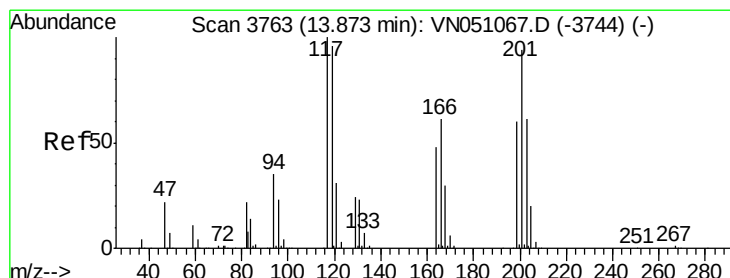


Abundance Ion 91.00 (90.70 to 91.70): VN051071.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN051071.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN051071.D (-3589) (-)

Time-->



#90

Hexachloroethane

Concen: 1.371 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN051071.D

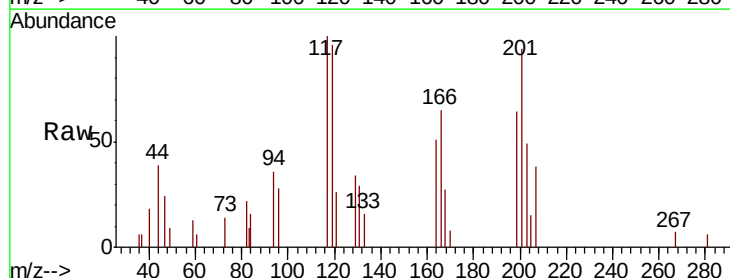
Acq: 10 Sep 2018 11:01

Tgt Ion: 117 Resp: 4994

Ion Ratio Lower Upper

117 100

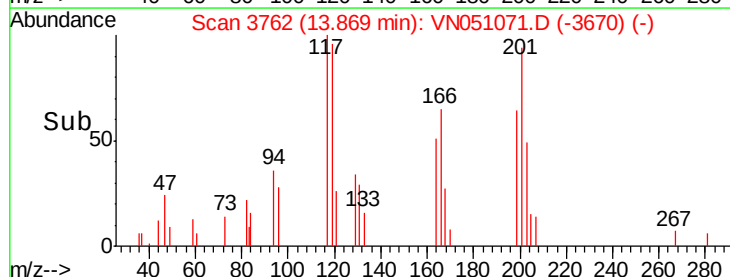
201 89.7 47.3 142.0



Abundance Ion 116.80 (116.50 to 117.50): VN051067.D (-3744) (-)

Ion 200.70 (200.40 to 201.40): VN051067.D (-3744) (-)

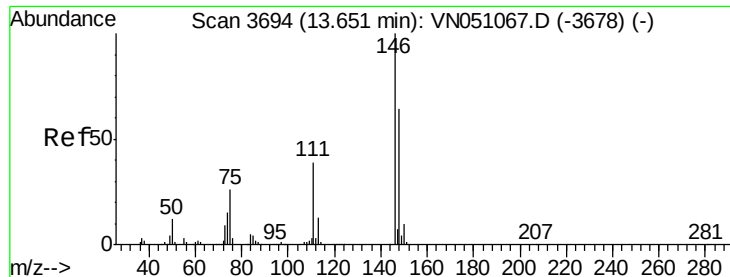
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN051071.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN051071.D (-3670) (-)

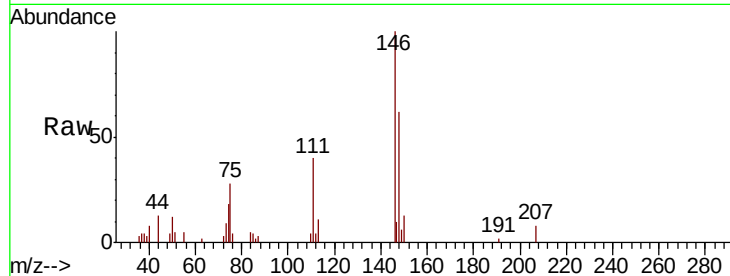
Time-->



#91  
 1,2-Dichlorobenzene  
 Concen: 1.270 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.1  | 19.7  | 59.0  |
| 148     | 62.0  | 32.1  | 96.3  |

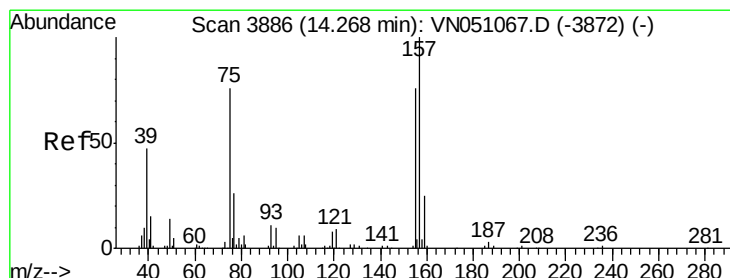
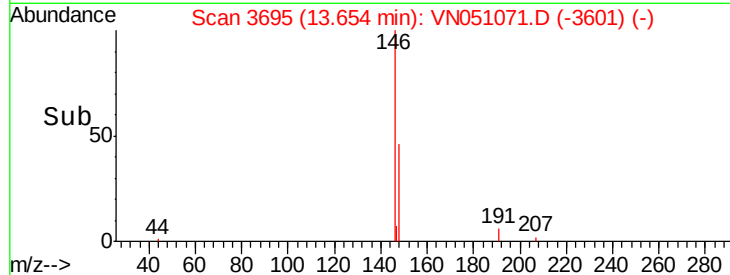
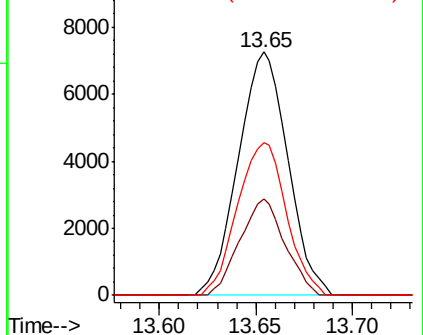


Abundance

Ion 145.90 (145.60 to 146.60): V

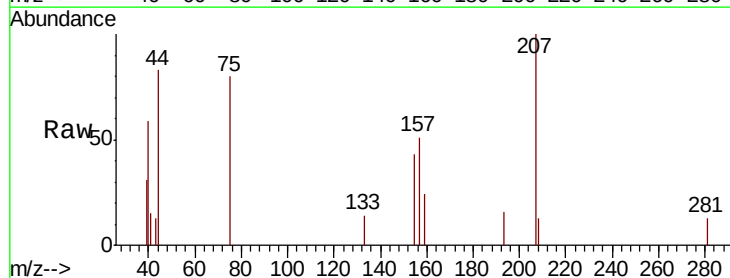
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.585 ug/l  
 RT: 14.27 min Scan# 3888  
 Delta R.T. 0.01 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 53.3  | 48.7  | 146.1 |
| 157     | 84.9  | 63.6  | 190.9 |

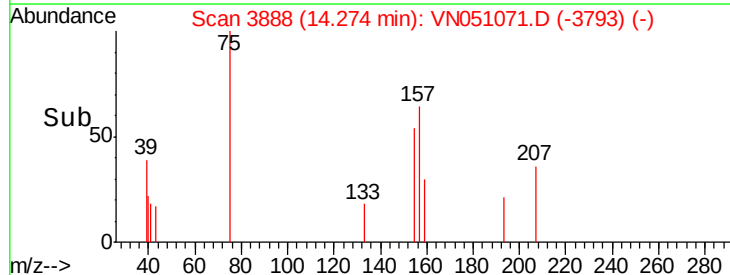
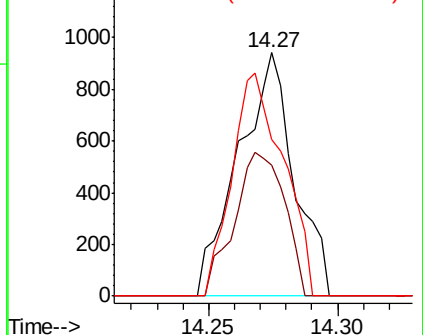


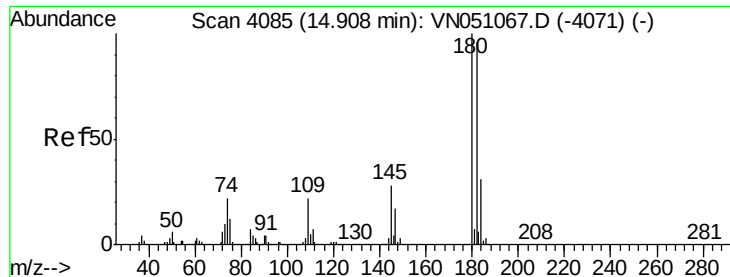
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

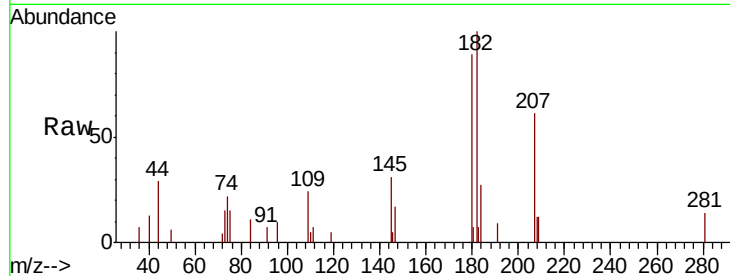




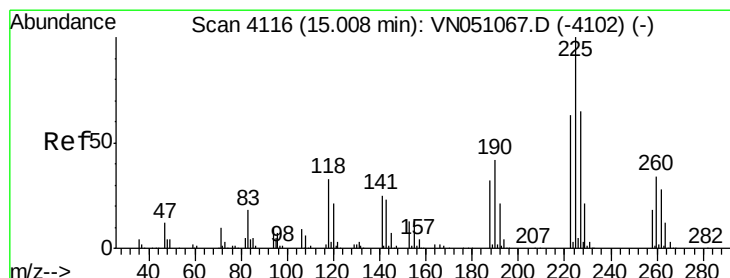
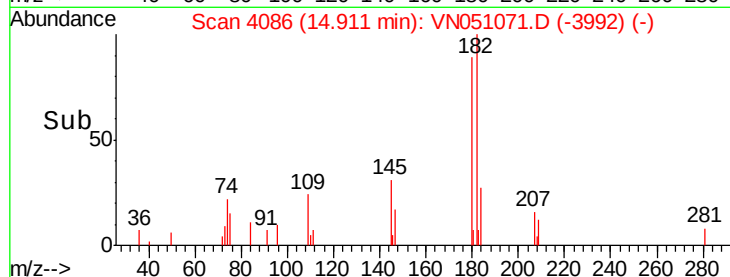
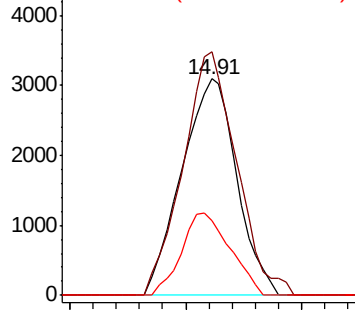
#93  
 1,2,4-Trichlorobenzene  
 Concen: 1.163 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. 0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC001

Tgt Ion:180 Resp: 5102  
 Ion Ratio Lower Upper  
 180 100  
 182 109.9 47.3 141.8  
 145 33.6 14.2 42.6

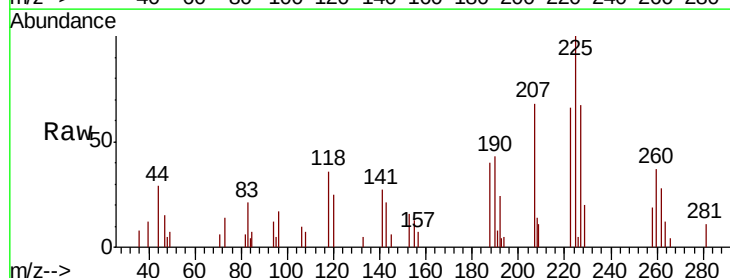


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

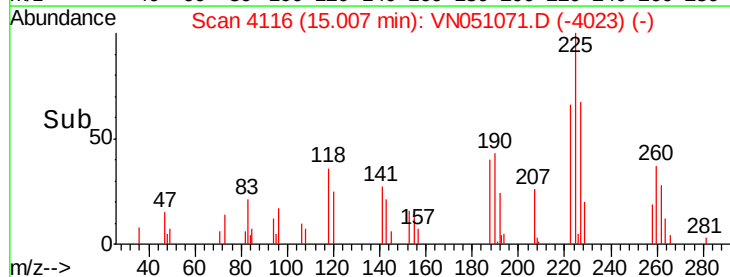
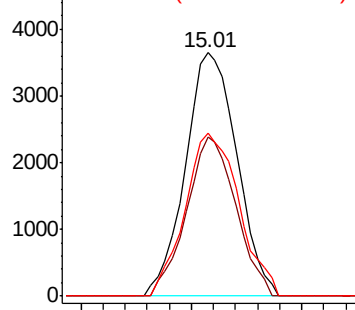


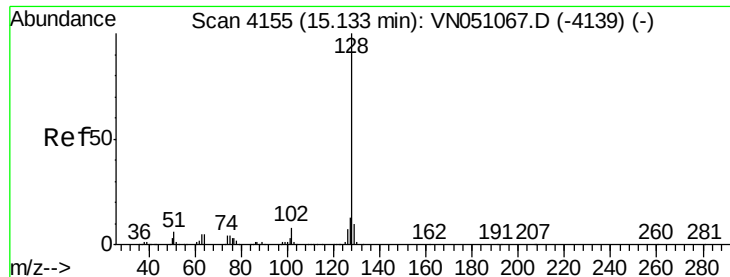
#94  
 Hexachlorobutadiene  
 Concen: 1.645 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. -0.00 min  
 Lab File: VN051071.D  
 Acq: 10 Sep 2018 11:01

Tgt Ion:225 Resp: 5907  
 Ion Ratio Lower Upper  
 225 100  
 223 62.5 31.4 94.0  
 227 70.0 32.1 96.3



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

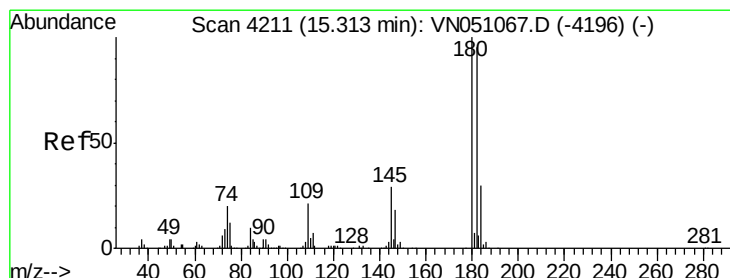
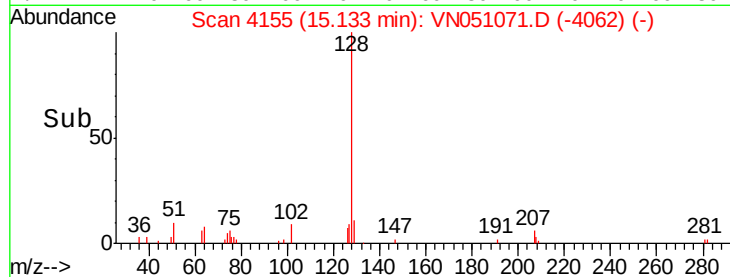
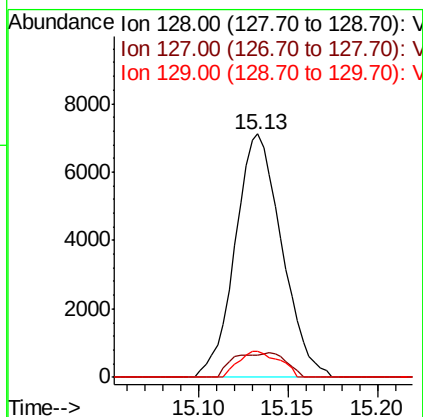
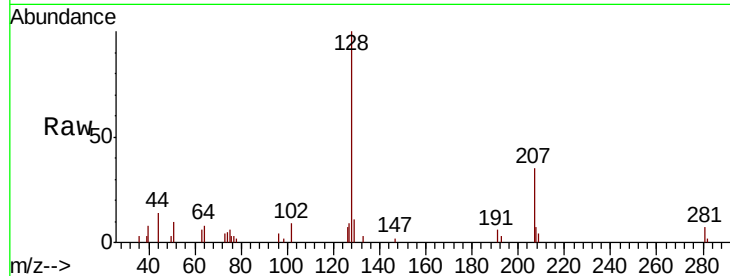




#95  
Naphthalene  
Concen: 1.387 ug/l  
RT: 15.13 min Scan# 4155  
Delta R.T. -0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC001

Tgt Ion:128 Resp: 12900  
Ion Ratio Lower Upper  
128 100  
127 11.4 10.6 15.8  
129 9.5 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 1.394 ug/l  
RT: 15.32 min Scan# 4212  
Delta R.T. 0.00 min  
Lab File: VN051071.D  
Acq: 10 Sep 2018 11:01

Tgt Ion:180 Resp: 6340  
Ion Ratio Lower Upper  
180 100  
182 102.5 47.8 143.3  
145 30.3 14.6 43.8

