

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\  
 Data File : VN054806.D  
 Acq On : 30 Mar 2019 16:52  
 Operator : JC/SP  
 Sample : VN0330WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0330WBS01

Quant Time: Mar 30 22:41:11 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032919W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 30 00:48:18 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 416134   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 712217   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 596940   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 247175   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 304660   | 54.31 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.62% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 236005   | 49.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.40%  |      |
| 50) Toluene-d8            | 10.09  | 98  | 863730   | 48.93 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.86%  |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 276746   | 47.14 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.28%  |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 84704   | 20.124  | ug/l   | 99     |
| 3) Chloromethane              | 2.07 | 50  | 114867  | 19.736  | ug/l   | 100    |
| 4) Vinyl Chloride             | 2.19 | 62  | 107916  | 20.648  | ug/l   | 99     |
| 5) Bromomethane               | 2.57 | 94  | 59525   | 20.392  | ug/l   | 94     |
| 6) Chloroethane               | 2.71 | 64  | 59925   | 20.533  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 3.02 | 101 | 134576  | 20.944  | ug/l   | 97     |
| 8) Diethyl Ether              | 3.41 | 74  | 45390   | 21.938  | ug/l   | 63     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101 | 69816   | 20.640  | ug/l   | 93     |
| 10) Methyl Iodide             | 3.94 | 142 | 96871   | 20.920  | ug/l # | 88     |
| 11) Tert butyl alcohol        | 4.83 | 59  | 42888   | 146.741 | ug/l # | 91     |
| 12) 1,1-Dichloroethene        | 3.73 | 96  | 71199   | 21.766  | ug/l # | 80     |
| 13) Acrolein                  | 3.61 | 56  | 39204   | 150.043 | ug/l   | 97     |
| 14) Allyl chloride            | 4.32 | 41  | 166481  | 20.663  | ug/l # | 90     |
| 15) Acrylonitrile             | 5.00 | 53  | 201646  | 124.126 | ug/l   | 99     |
| 16) Acetone                   | 3.82 | 43  | 147805  | 110.493 | ug/l # | 80     |
| 17) Carbon Disulfide          | 4.04 | 76  | 181569  | 17.114  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.33 | 43  | 91431   | 25.796  | ug/l # | 89     |
| 19) Methyl tert-butyl Ether   | 5.06 | 73  | 268564  | 23.471  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.54 | 84  | 100744  | 21.350  | ug/l # | 86     |
| 21) trans-1,2-Dichloroethene  | 5.03 | 96  | 90634   | 21.095  | ug/l   | 87     |
| 22) Diisopropyl ether         | 5.96 | 45  | 351902  | 22.083  | ug/l # | 94     |
| 23) Vinyl Acetate             | 5.90 | 43  | 1302413 | 117.445 | ug/l # | 92     |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 183871  | 21.630  | ug/l   | 98     |
| 25) 2-Butanone                | 6.85 | 43  | 257341  | 130.143 | ug/l # | 85     |
| 26) 2,2-Dichloropropane       | 6.83 | 77  | 108146  | 18.151  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 103922  | 21.411  | ug/l   | 88     |
| 28) Bromochloromethane        | 7.20 | 49  | 105643  | 24.854  | ug/l # | 70     |
| 29) Tetrahydrofuran           | 7.22 | 42  | 178737  | 130.144 | ug/l # | 84     |
| 30) Chloroform                | 7.37 | 83  | 181036  | 22.334  | ug/l   | 98     |
| 31) Cyclohexane               | 7.65 | 56  | 174065  | 21.290  | ug/l   | 87     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 148119  | 22.050  | ug/l   | 95     |
| 36) 1,1-Dichloropropene       | 7.80 | 75  | 131175  | 19.766  | ug/l   | 96     |
| 37) Ethyl Acetate             | 6.94 | 43  | 116421  | 23.922  | ug/l # | 94     |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 124994  | 19.391  | ug/l   | 98     |

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 Operator : JC/SP  
 Sample : VN0330WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0330WBS01

Quant Time: Mar 30 22:41:11 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032919W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 30 00:48:18 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 140264   | 19.225  | ug/l # | 87       |
| 40) Benzene                    | 8.04  | 78   | 397785   | 20.948  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 65675    | 24.023  | ug/l # | 87       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 146752   | 21.644  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 188452   | 23.831  | ug/l # | 94       |
| 44) Trichloroethene            | 8.84  | 130  | 100457   | 20.379  | ug/l   | 91       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 111823   | 20.652  | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 65071    | 21.363  | ug/l   | 88       |
| 47) Bromodichloromethane       | 9.40  | 83   | 131753   | 20.813  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 95731    | 22.333  | ug/l   | 89       |
| 49) 1,4-Dioxane                | 9.21  | 88   | 21799    | 512.528 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 548231   | 123.311 | ug/l   | 92       |
| 52) Toluene                    | 10.16 | 92   | 232312   | 20.559  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 115677   | 19.426  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 145033   | 20.389  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 90459    | 21.530  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 119180   | 21.624  | ug/l # | 86       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 158545   | 21.949  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 232799   | 104.348 | ug/l # | 89       |
| 59) 2-Hexanone                 | 10.75 | 43   | 334677   | 117.592 | ug/l   | 92       |
| 60) Dibromochloromethane       | 10.90 | 129  | 88662    | 20.832  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 87308    | 21.744  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.63 | 164  | 98606    | 21.526  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.44 | 112  | 235553   | 20.154  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 91313    | 20.874  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.51 | 91   | 430096   | 20.393  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 312681   | 40.062  | ug/l   | 93       |
| 69) o-Xylene                   | 11.95 | 106  | 154554   | 20.194  | ug/l   | 95       |
| 70) Styrene                    | 11.97 | 104  | 255776   | 20.902  | ug/l   | 97       |
| 71) Bromoform                  | 12.13 | 173  | 54582    | 21.298  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 410513   | 20.319  | ug/l   | 97       |
| 74) N-amyl acetate             | 12.07 | 43   | 137099   | 21.782  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 112952   | 24.488  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.56 | 75   | 128005   | 29.810  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 101739   | 20.866  | ug/l   | 85       |
| 78) n-propylbenzene            | 12.59 | 91   | 440871   | 19.854  | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 275652   | 20.065  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 329814   | 19.896  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 22127    | 20.044  | ug/l # | 78       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 260664   | 19.535  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 284096   | 20.904  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 323185   | 20.464  | ug/l   | 96       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 357721   | 19.864  | ug/l   | 95       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 306170   | 19.277  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 158225   | 19.382  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 153674   | 19.193  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.62 | 91   | 232720   | 17.959  | ug/l   | 97       |
| 90) Hexachloroethane           | 13.88 | 117  | 51211    | 18.990  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 161239   | 19.571  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 16051    | 23.240  | ug/l   | 84       |

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Acq On : 30 Mar 2019 16:52  
Operator : JC/SP  
Sample : VN0330WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 14 Sample Multiplier: 1

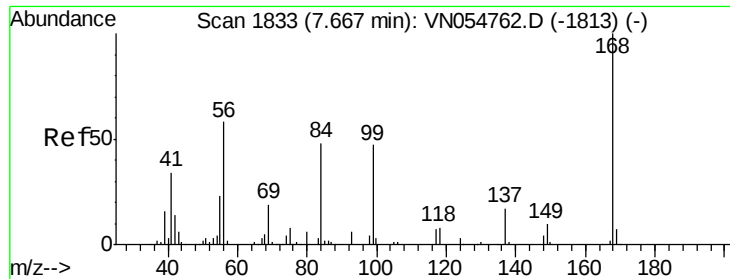
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

Quant Time: Mar 30 22:41:11 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N032919W.M  
Quant Title : SW846 8260  
QLast Update : Sat Mar 30 00:48:18 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 68032    | 17.128 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 44178    | 17.410 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 170769   | 19.169 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 72203    | 17.999 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

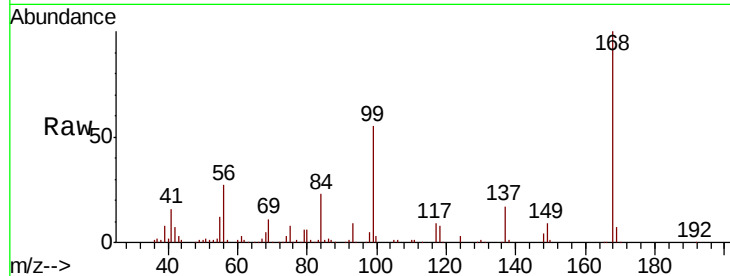
VN0330WBS01

Tot Ion:168 Resp: 416134

Ion Ratio Lower Upper

168 100

99 54.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054762.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054762.D (-1813) (-)

7.67

150000

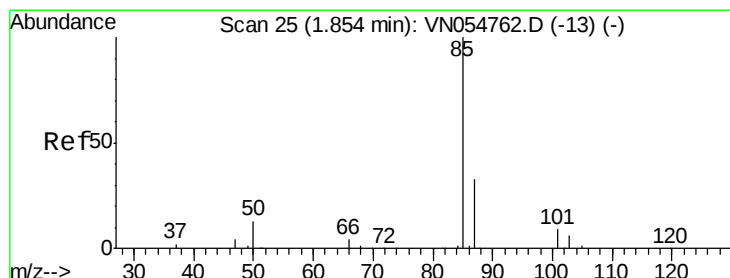
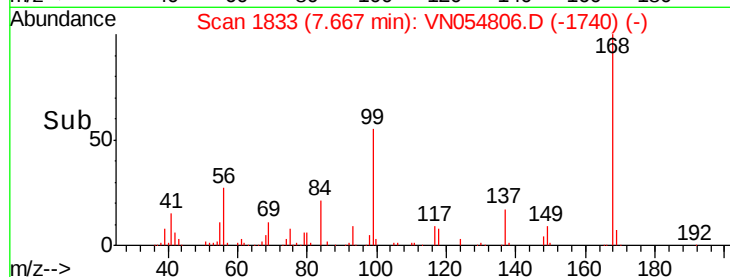
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.124 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN054806.D

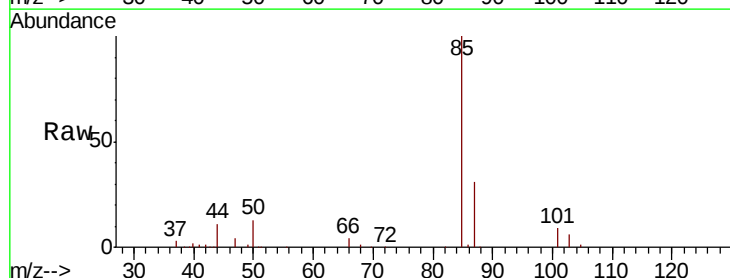
Acq: 30 Mar 2019 16:52

Tgt Ion: 85 Resp: 84704

Ion Ratio Lower Upper

85 100

87 31.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN054762.D (-13) (-)

Ion 86.90 (86.60 to 87.60): VN054762.D (-13) (-)

1.85

60000

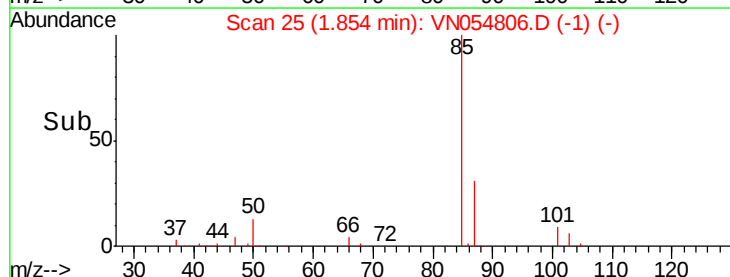
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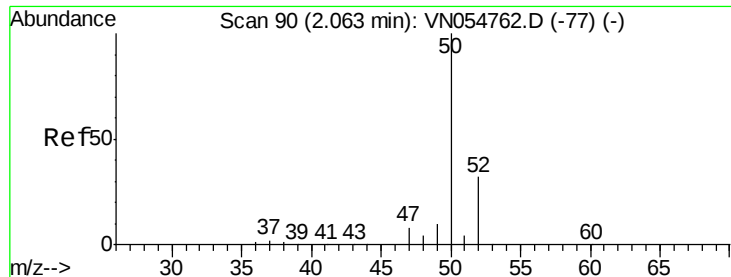
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.736 ug/l

RT: 2.07 min Scan# 91

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

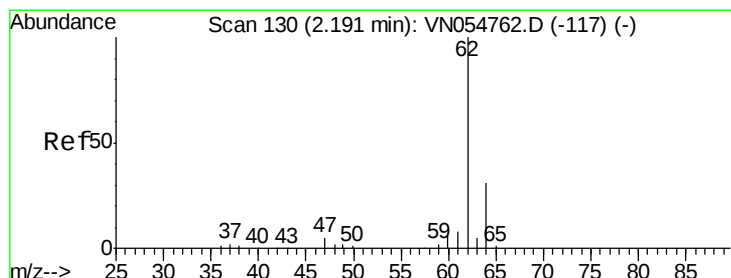
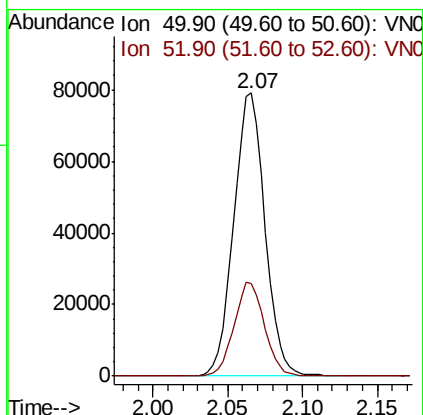
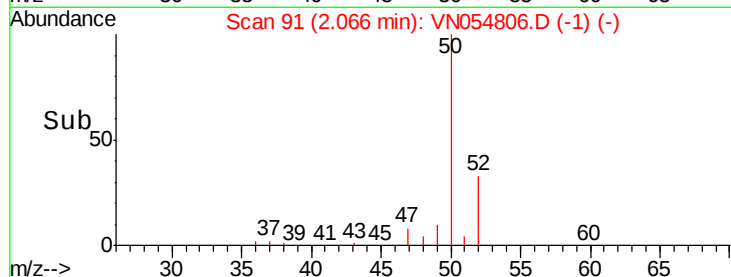
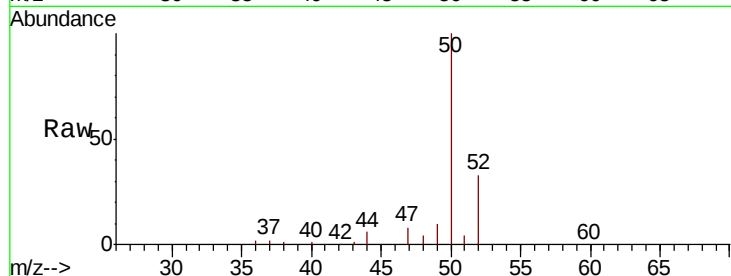
VN0330WBS01

Tot Ion: 50 Resp: 114867

Ion Ratio Lower Upper

50 100

52 32.9 26.4 39.6



#4

Vinyl Chloride

Concen: 20.648 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN054806.D

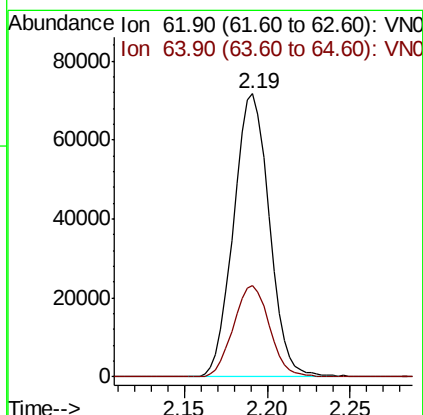
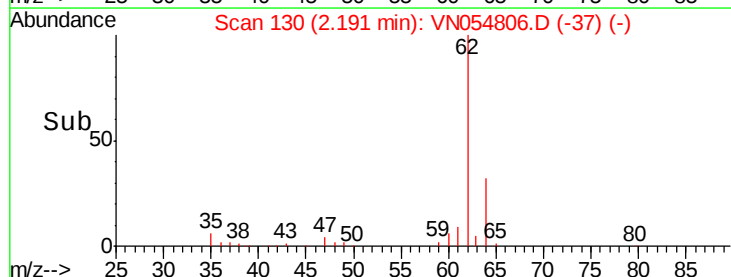
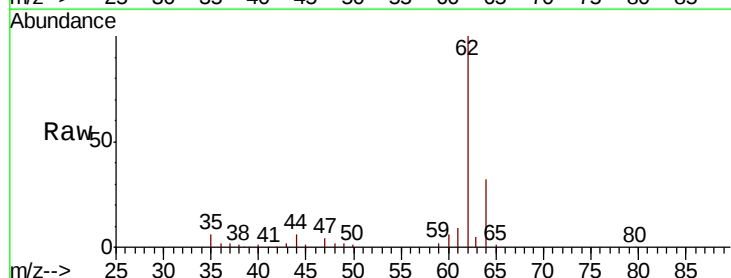
Acq: 30 Mar 2019 16:52

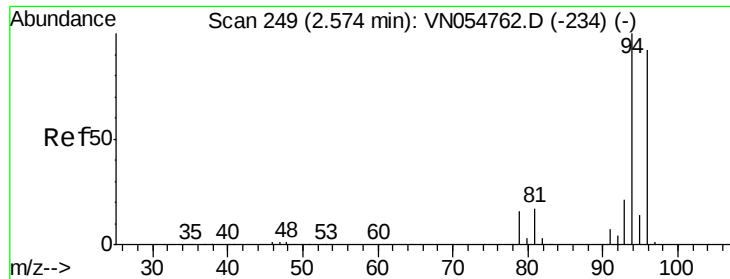
Tgt Ion: 62 Resp: 107916

Ion Ratio Lower Upper

62 100

64 32.2 25.5 38.3





#5

Bromomethane

Concen: 20.392 ug/l

RT: 2.57 min Scan# 249

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

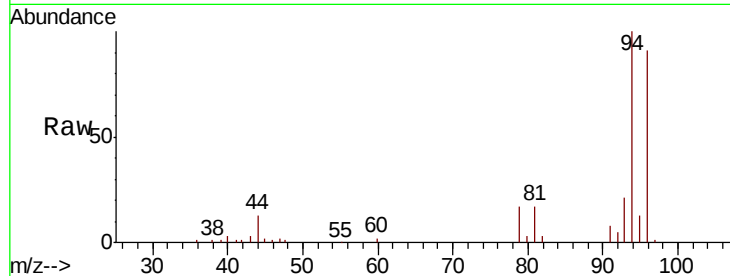
VN0330WBS01

Tot Ion: 94 Resp: 59525

Ion Ratio Lower Upper

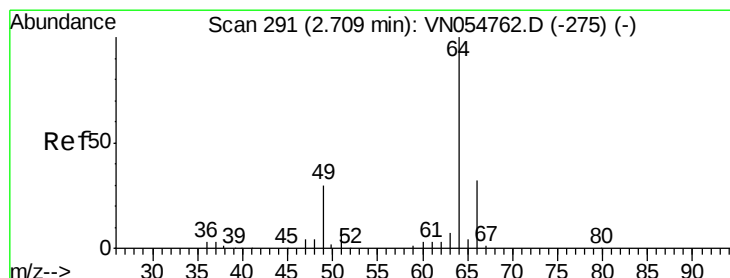
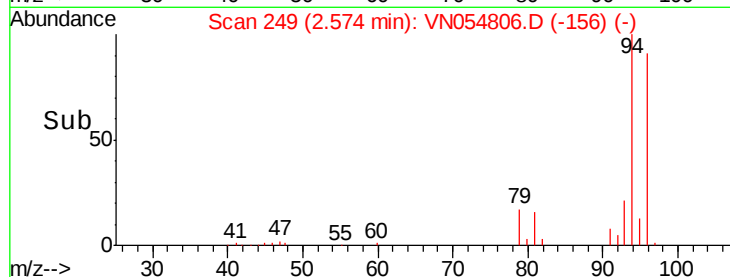
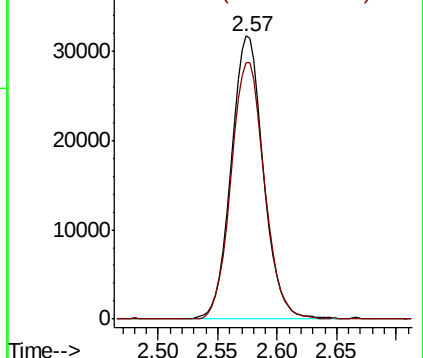
94 100

96 90.6 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.533 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN054806.D

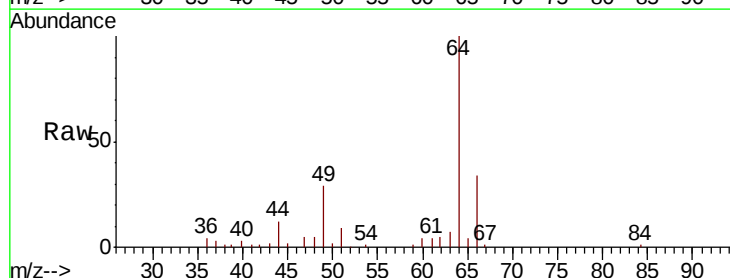
Acq: 30 Mar 2019 16:52

Tgt Ion: 64 Resp: 59925

Ion Ratio Lower Upper

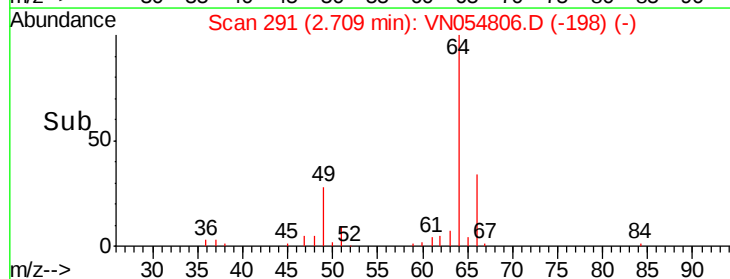
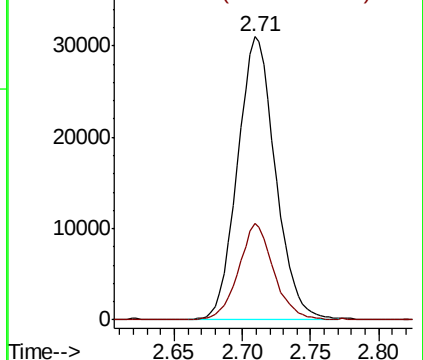
64 100

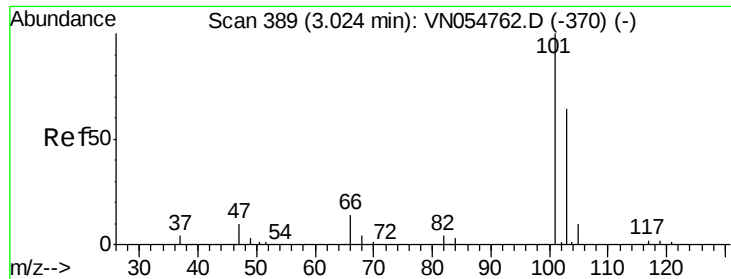
66 33.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



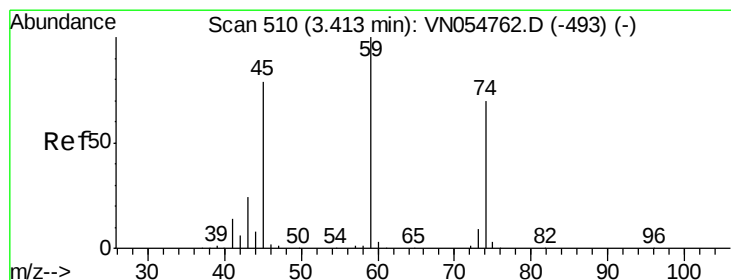
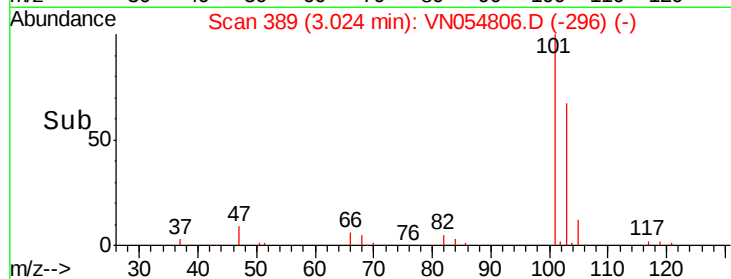
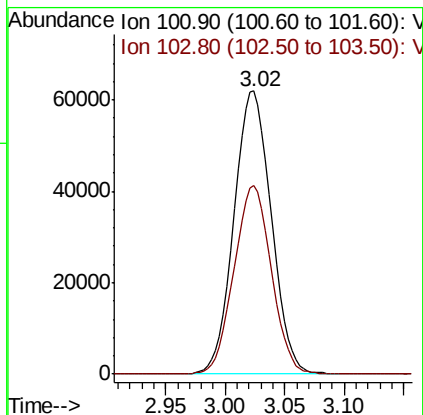
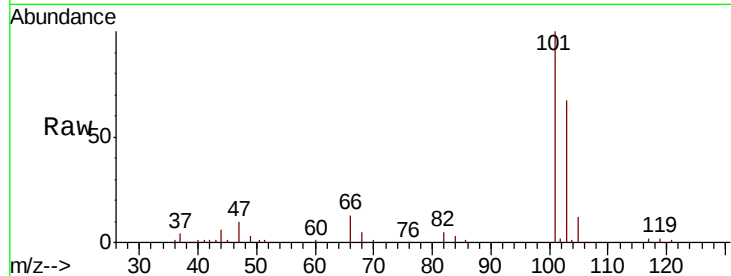


#7

Trichlorofluoromethane  
 Concen: 20.944 ug/l  
 RT: 3.02 min Scan# 389  
 Delta R.T. -0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0330WBS01

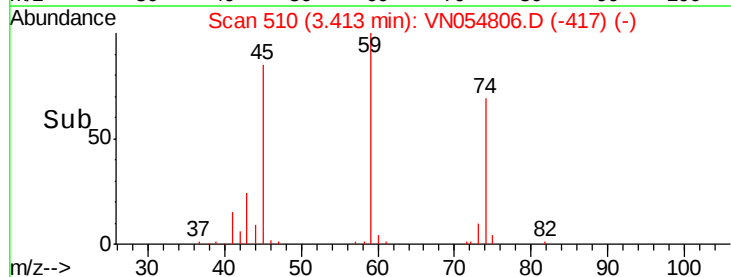
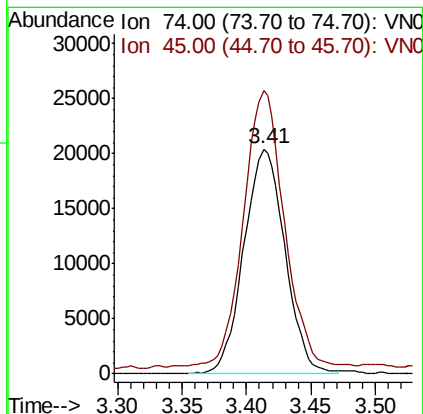
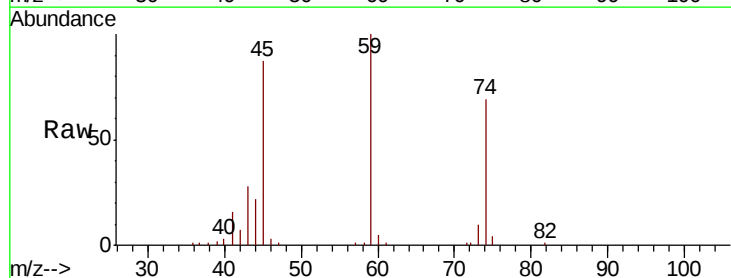
Tot Ion:101 Resp: 134576  
 Ion Ratio Lower Upper  
 101 100  
 103 66.8 51.4 77.2

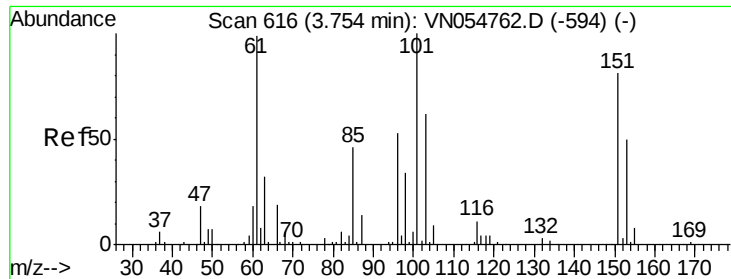


#8

Diethyl Ether  
 Concen: 21.938 ug/l  
 RT: 3.41 min Scan# 510  
 Delta R.T. -0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

Tgt Ion: 74 Resp: 45390  
 Ion Ratio Lower Upper  
 74 100  
 45 120.8 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.640 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

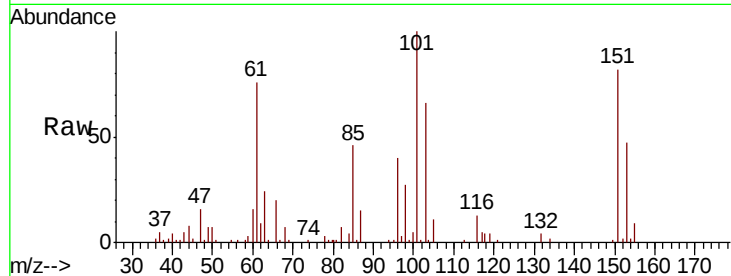
Tot Ion:101 Resp: 69816

Ion Ratio Lower Upper

101 100

85 46.2 32.4 48.6

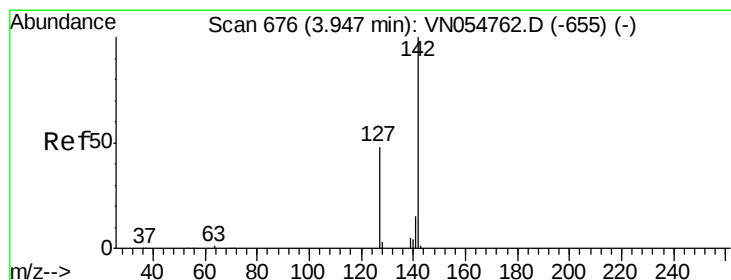
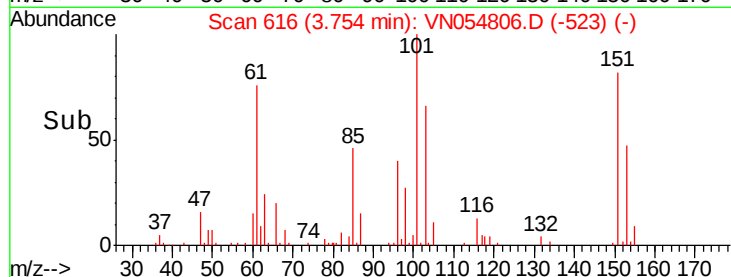
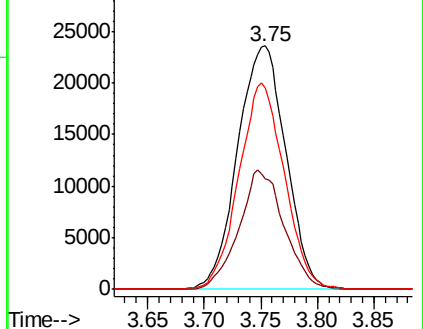
151 80.0 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.920 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

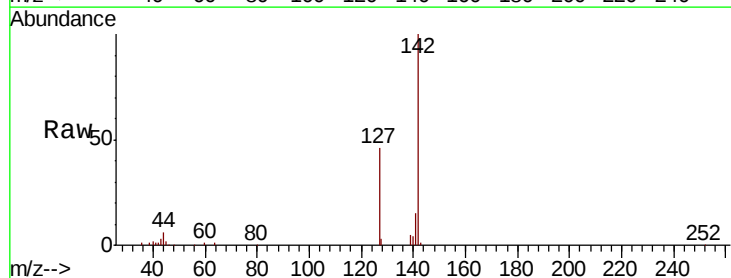
Tgt Ion:142 Resp: 96871

Ion Ratio Lower Upper

142 100

127 47.1 30.3 45.5#

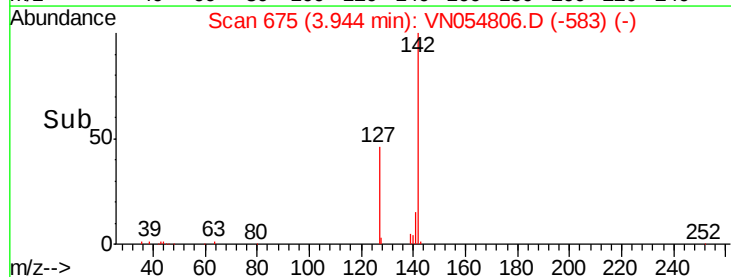
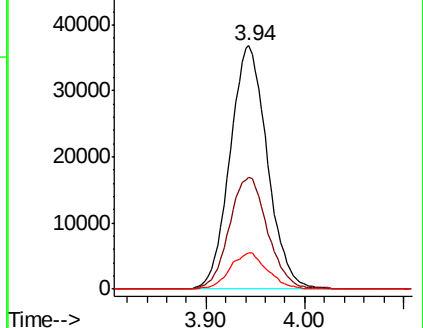
141 14.9 11.2 16.8

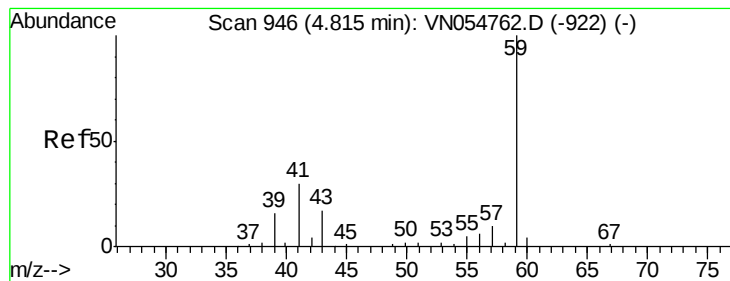


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



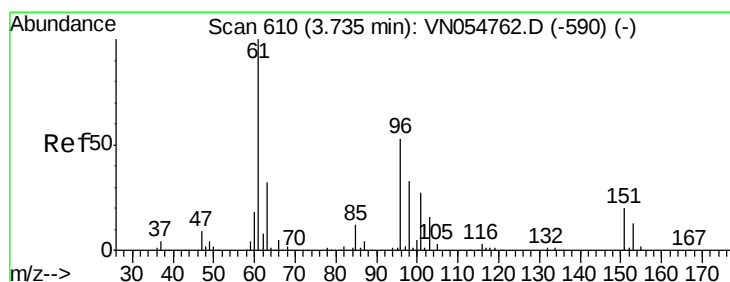
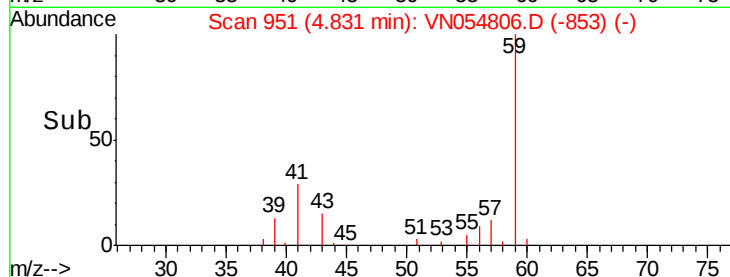
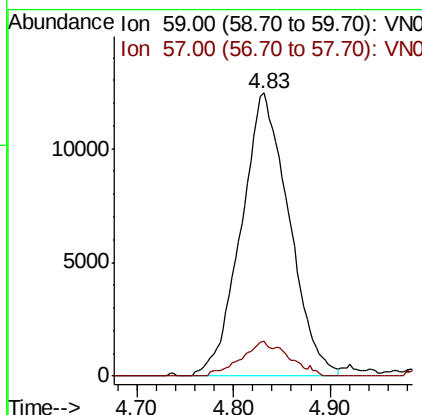
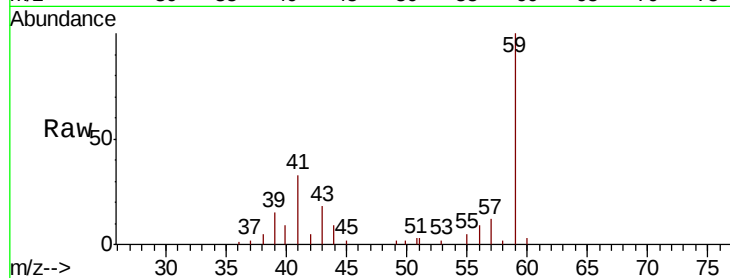


#11

Tert butyl alcohol  
 Concen: 146.741 ug/l  
 RT: 4.83 min Scan# 951  
 Delta R.T. 0.02 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0330WBS01

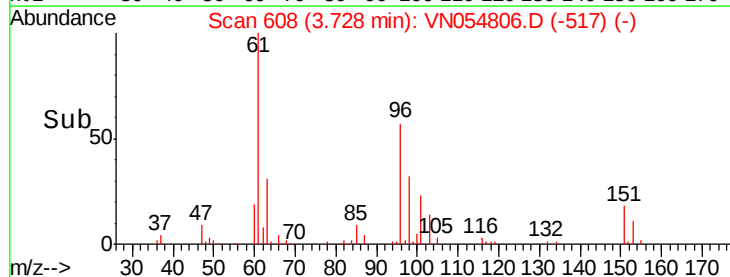
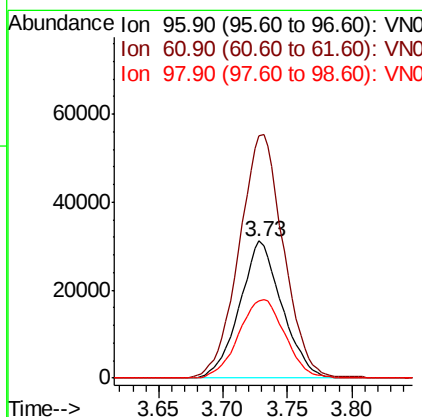
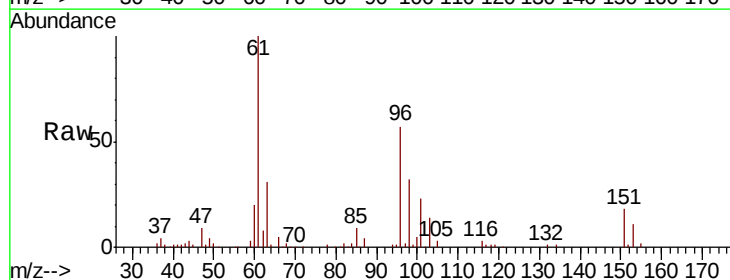
Tot Ion: 59 Resp: 42888  
 Ion Ratio Lower Upper  
 59 100  
 57 7.7 9.0 13.6#

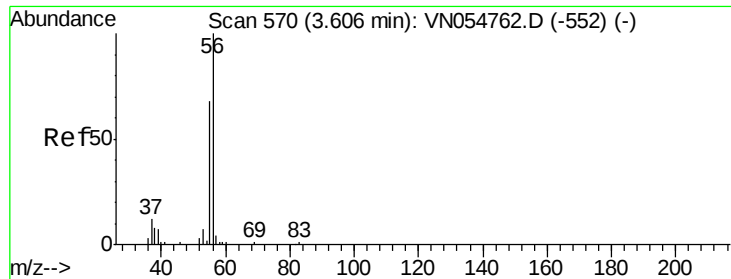


#12

1,1-Dichloroethene  
 Concen: 21.766 ug/l  
 RT: 3.73 min Scan# 608  
 Delta R.T. -0.01 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

Tgt Ion: 96 Resp: 71199  
 Ion Ratio Lower Upper  
 96 100  
 61 176.1 116.5 174.7#  
 98 56.1 51.0 76.4





#13

Acrolein

Concen: 150.043 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

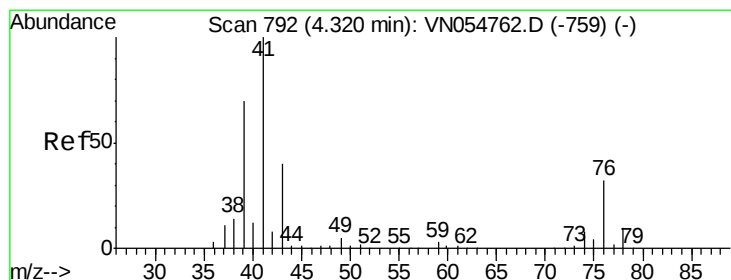
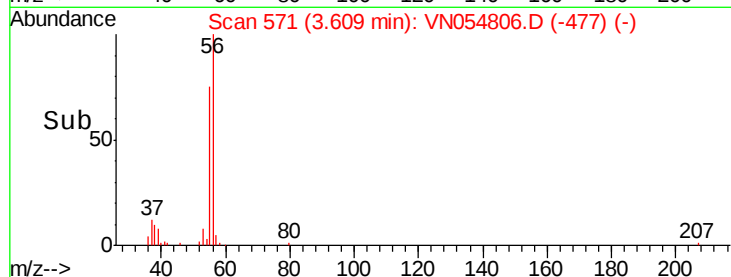
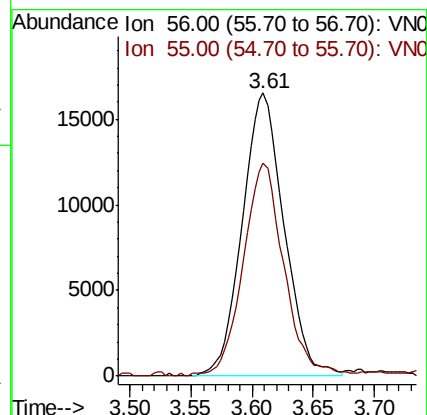
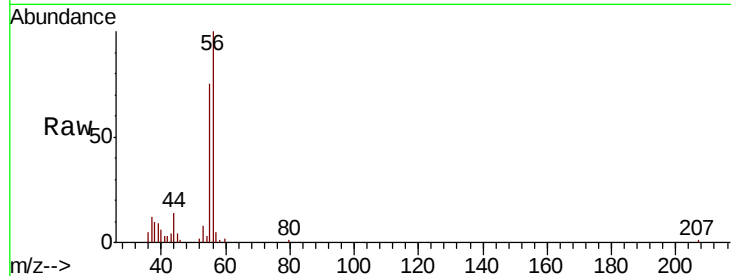
VN0330WBS01

Tot Ion: 56 Resp: 39204

Ion Ratio Lower Upper

56 100

55 73.2 56.7 85.1



#14

Allyl chloride

Concen: 20.663 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

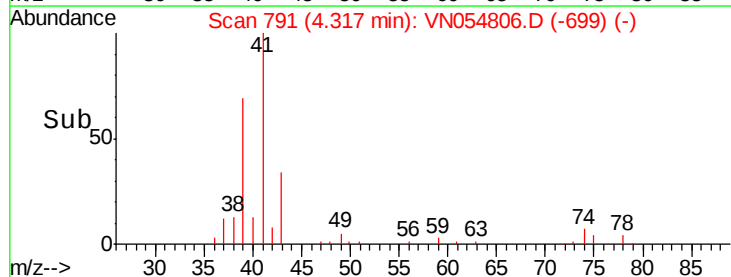
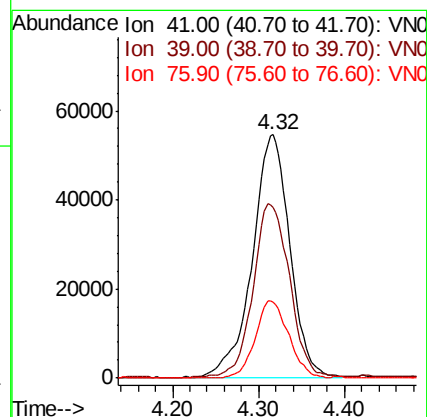
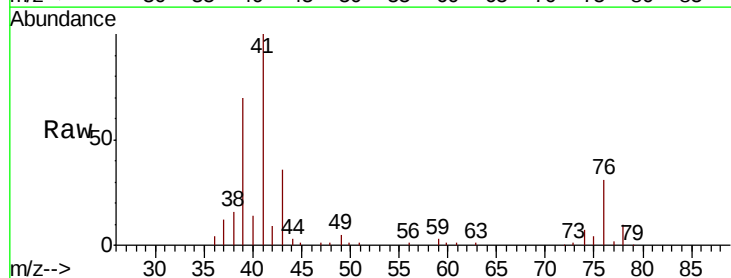
Tgt Ion: 41 Resp: 166481

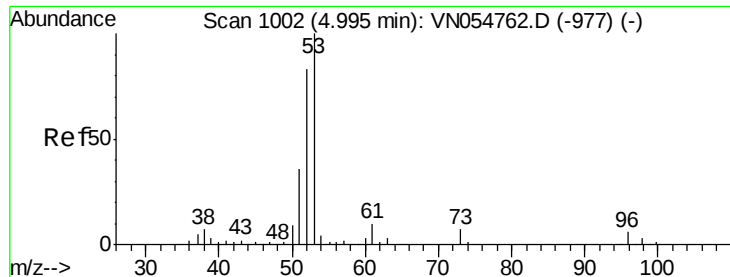
Ion Ratio Lower Upper

41 100

39 68.8 58.2 87.4

76 28.3 31.7 47.5#

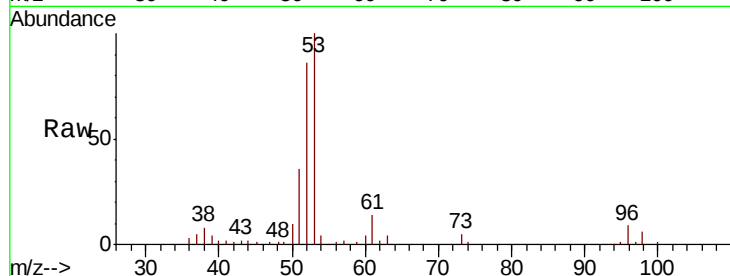




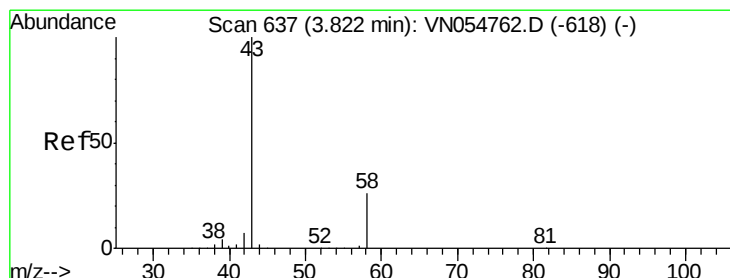
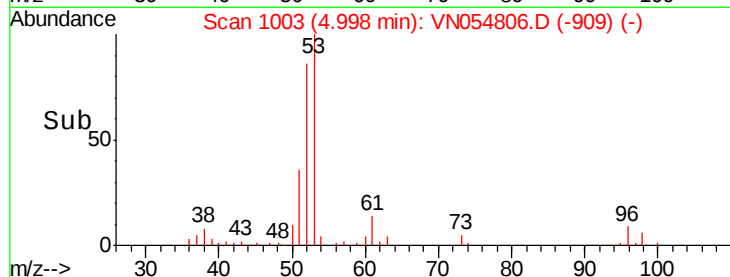
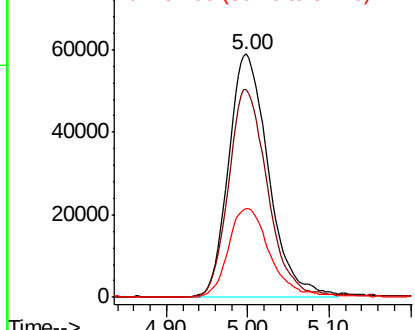
#15  
 Acrylonitrile  
 Concen: 124.126 ug/l  
 RT: 5.00 min Scan# 1003  
 Delta R.T. 0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0330WBS01

Tot Ion: 53 Resp: 201646  
 Ion Ratio Lower Upper  
 53 100  
 52 83.3 66.4 99.6  
 51 37.9 29.6 44.4

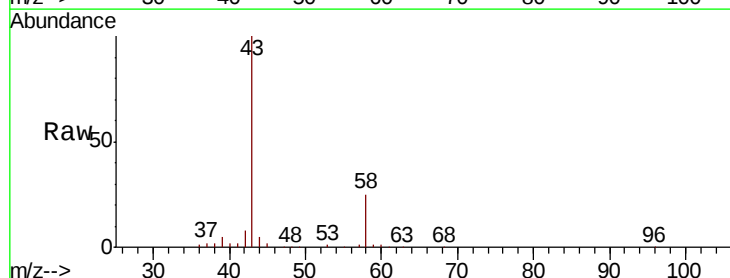


Abundance Ion 53.00 (52.70 to 53.70): VN0  
 Ion 52.00 (51.70 to 52.70): VN0  
 Ion 51.00 (50.70 to 51.70): VN0

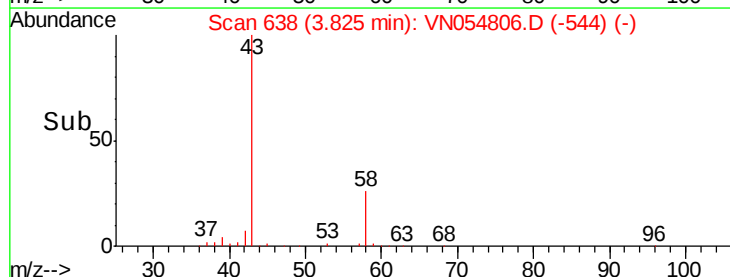
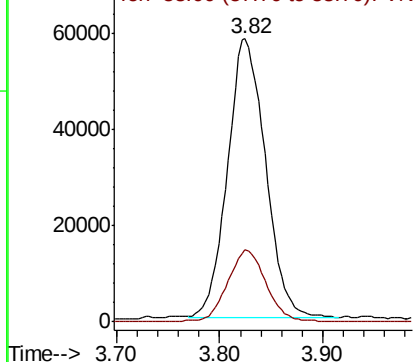


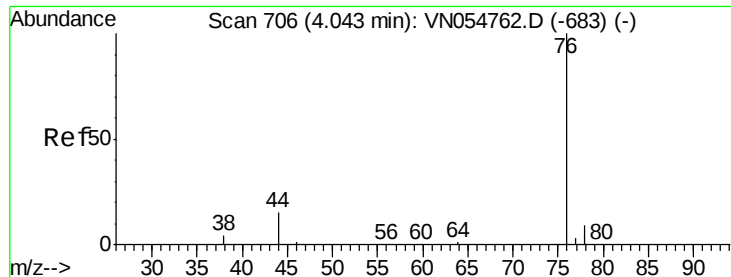
#16  
 Acetone  
 Concen: 110.493 ug/l  
 RT: 3.82 min Scan# 638  
 Delta R.T. 0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

Tgt Ion: 43 Resp: 147805  
 Ion Ratio Lower Upper  
 43 100  
 58 25.6 29.9 44.9#



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





#17

Carbon Disulfide

Concen: 17.114 ug/l

RT: 4.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

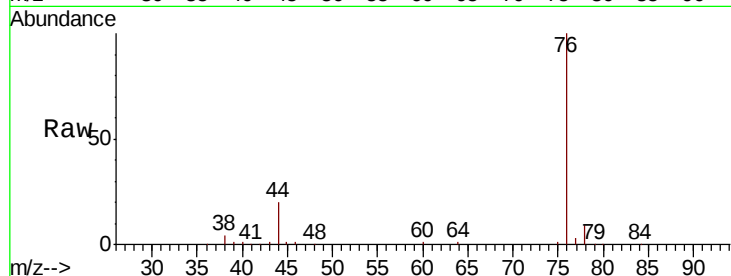
VN0330WBS01

Tot Ion: 76 Resp: 181569

Ion Ratio Lower Upper

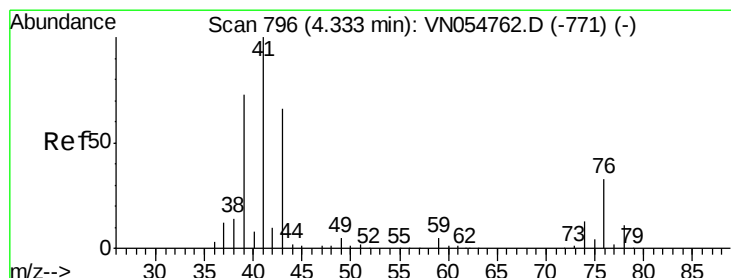
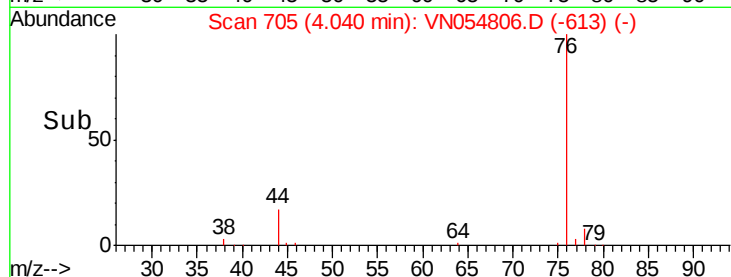
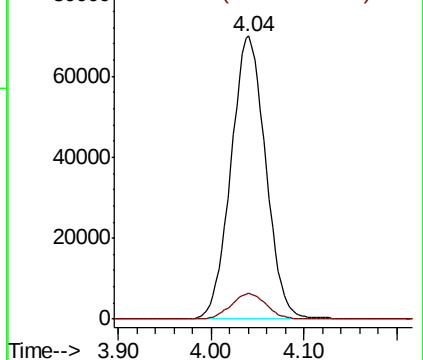
76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 25.796 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN054806.D

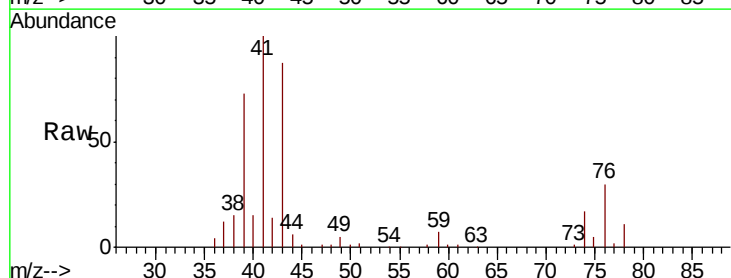
Acq: 30 Mar 2019 16:52

Tgt Ion: 43 Resp: 91431

Ion Ratio Lower Upper

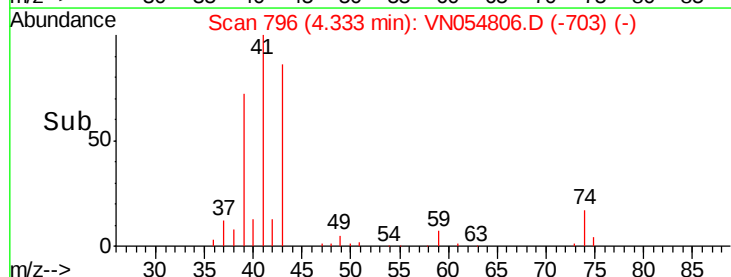
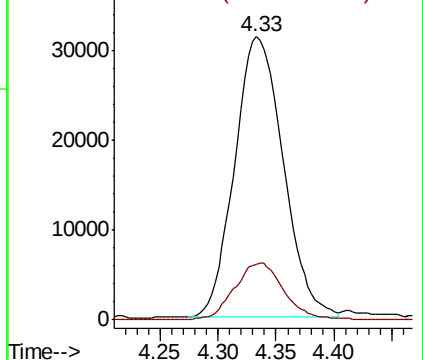
43 100

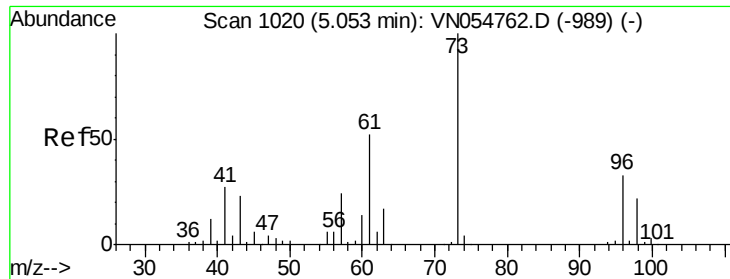
74 20.6 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

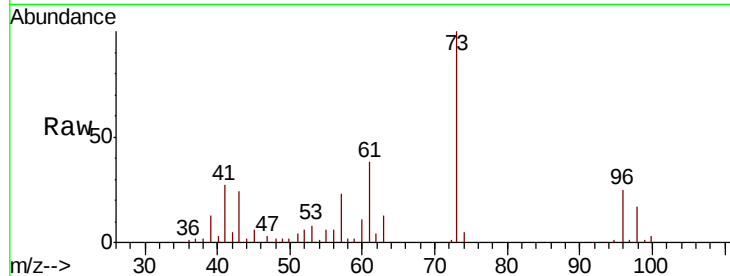




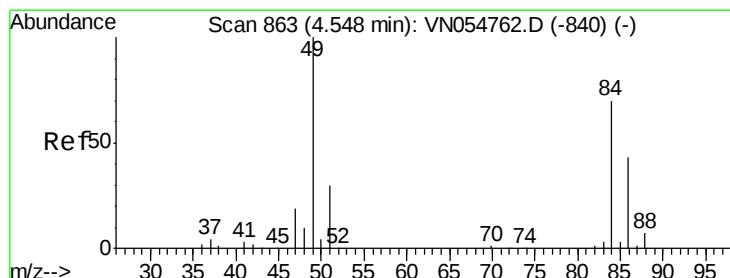
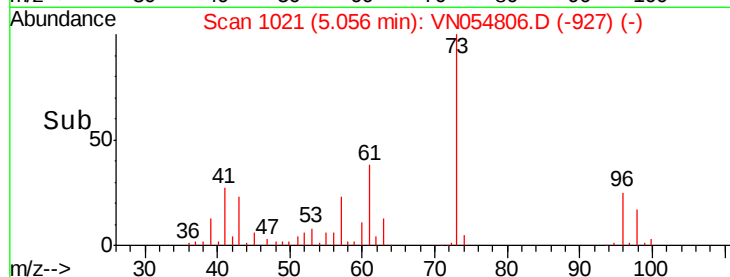
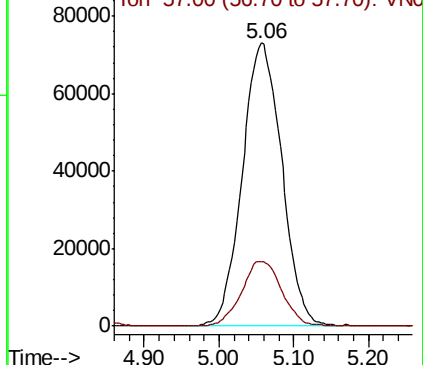
#19  
Methyl tert-butyl Ether  
Concen: 23.471 ug/l  
RT: 5.06 min Scan# 1021  
Delta R.T. 0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

Tot Ion: 73 Resp: 268564  
Ion Ratio Lower Upper  
73 100  
57 22.6 16.8 25.2

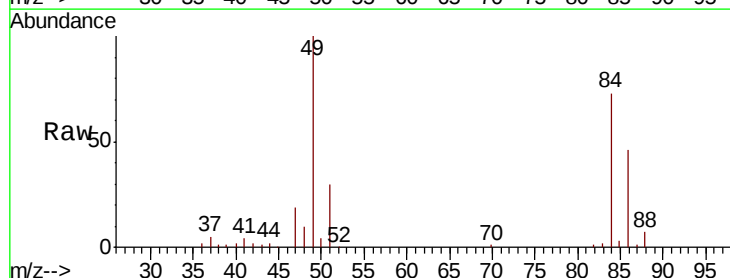


Abundance Ion 73.00 (72.70 to 73.70): VN054762.D (-989) (-)  
Ion 57.00 (56.70 to 57.70): VN054762.D (-989) (-)

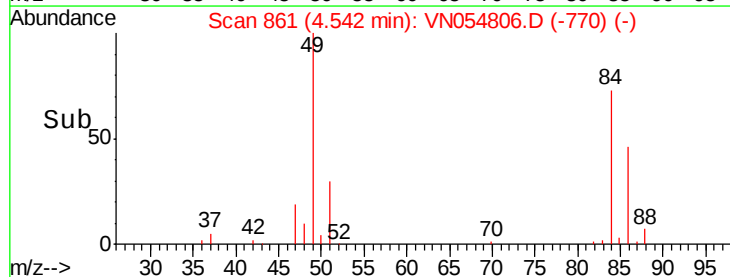
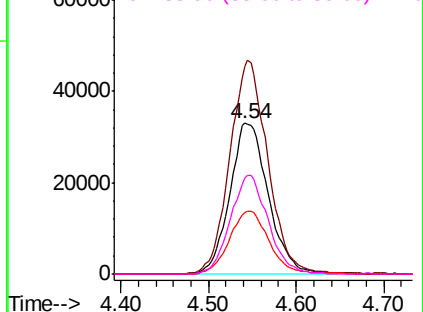


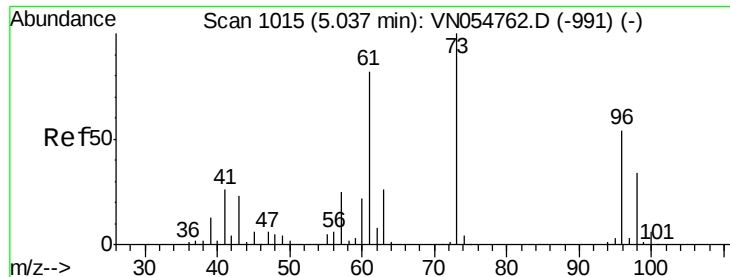
#20  
Methylene Chloride  
Concen: 21.350 ug/l  
RT: 4.54 min Scan# 861  
Delta R.T. -0.01 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

Tgt Ion: 84 Resp: 100744  
Ion Ratio Lower Upper  
84 100  
49 137.1 89.7 134.5#  
51 40.9 28.2 42.4  
86 63.8 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN054762.D (-840) (-)  
Ion 48.90 (48.60 to 49.60): VN054762.D (-840) (-)  
Ion 50.90 (50.60 to 51.60): VN054762.D (-840) (-)  
Ion 85.90 (85.60 to 86.60): VN054762.D (-840) (-)

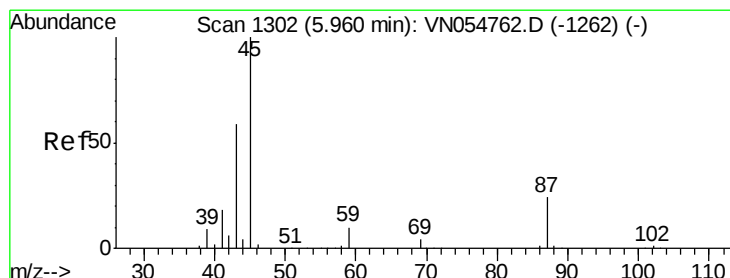
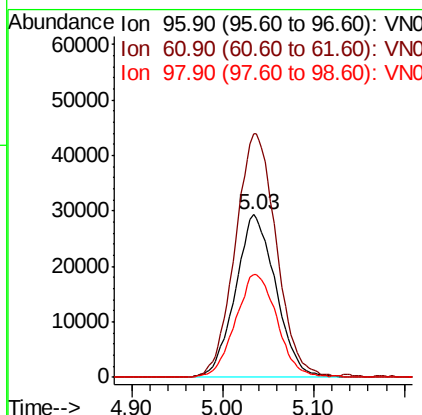
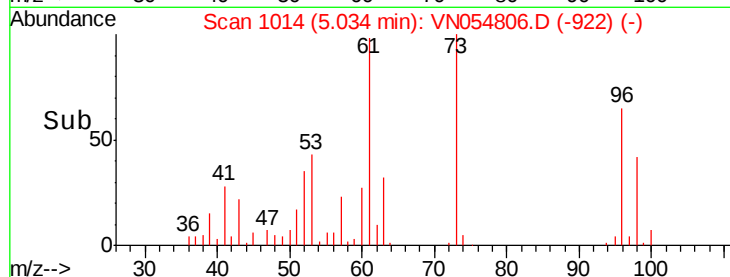
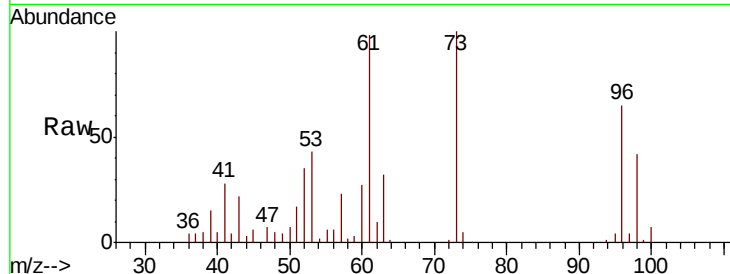




#21  
trans-1,2-Dichloroethene  
Concen: 21.095 ug/l  
RT: 5.03 min Scan# 1014  
Delta R.T. -0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

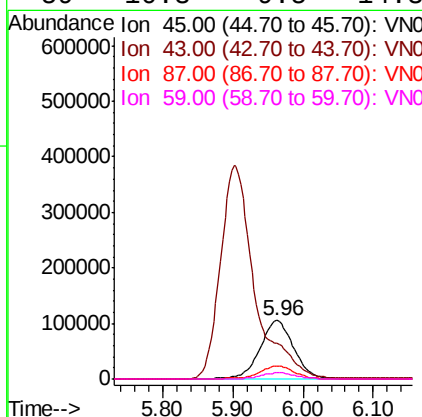
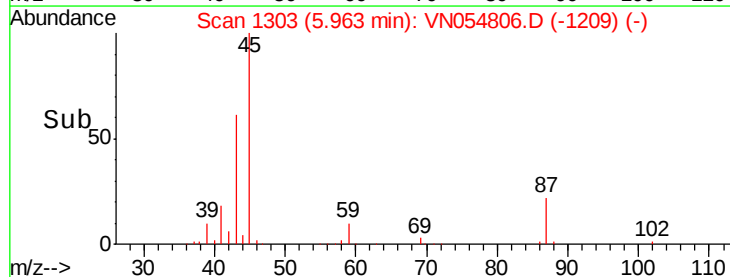
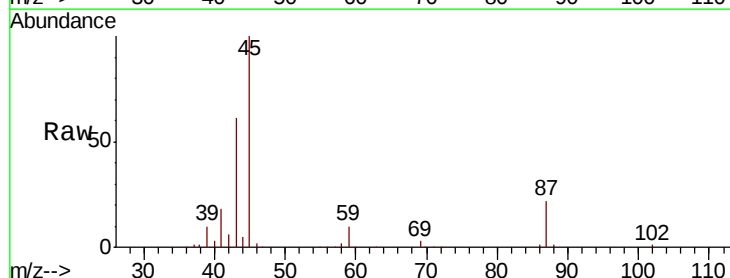
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

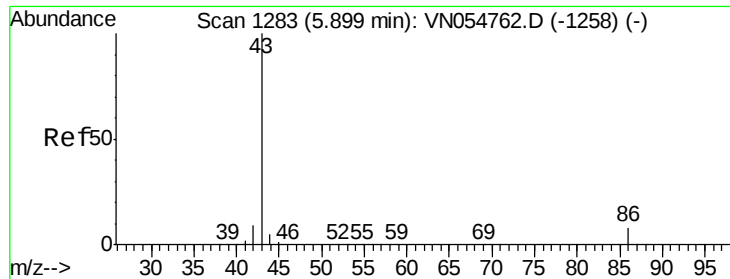
Tot Ion: 96 Resp: 90634  
Ion Ratio Lower Upper  
96 100  
61 149.6 102.8 154.2  
98 63.4 50.0 75.0



#22  
Diisopropyl ether  
Concen: 22.083 ug/l  
RT: 5.96 min Scan# 1303  
Delta R.T. 0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

Tgt Ion: 45 Resp: 351902  
Ion Ratio Lower Upper  
45 100  
43 60.4 48.2 72.2  
87 22.0 24.9 37.3#  
59 10.3 9.5 14.3





#23

Vinyl Acetate

Concen: 117.445 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampled :

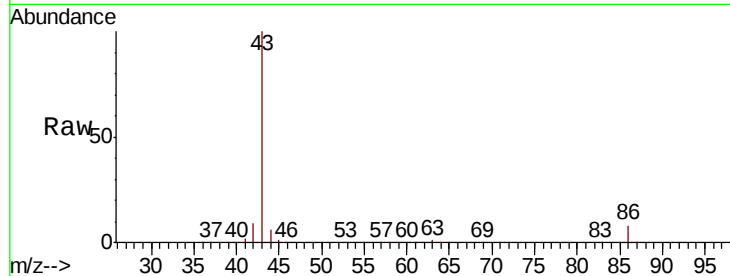
VN0330WBS01

Tot Ion: 43 Resp: 1302413

Ion Ratio Lower Upper

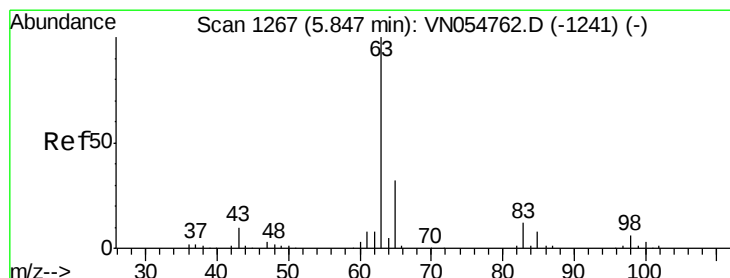
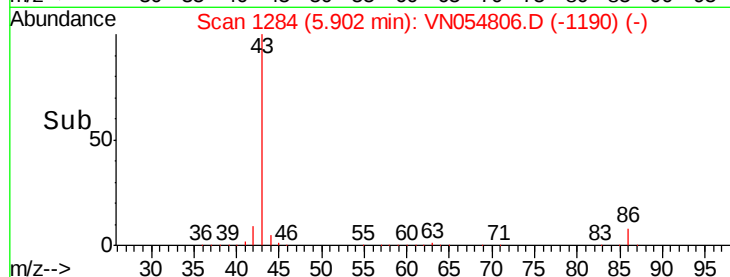
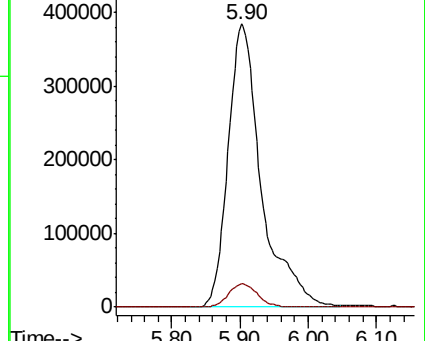
43 100

86 8.2 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 21.630 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

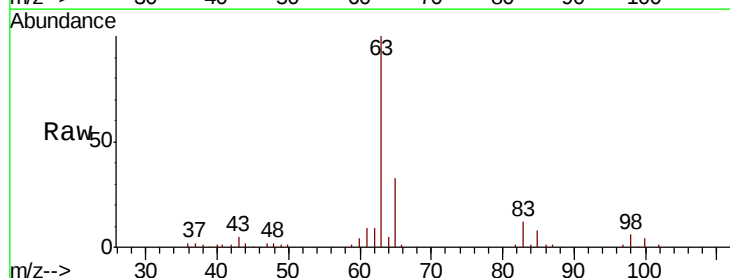
Tgt Ion: 63 Resp: 183871

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.5

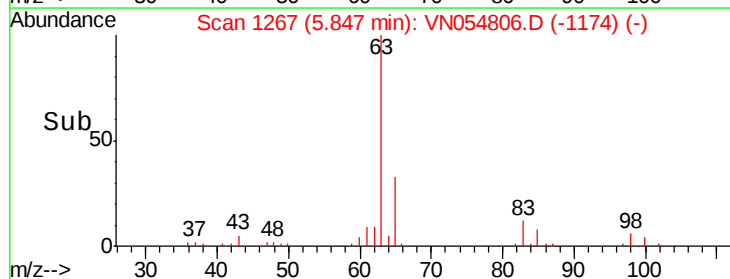
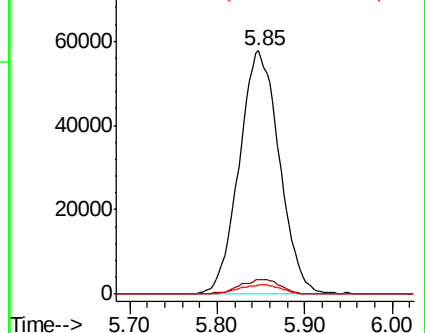
100 3.8 2.0 6.0

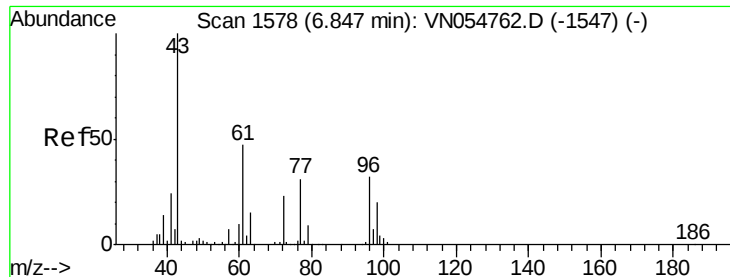


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 130.143 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampled :

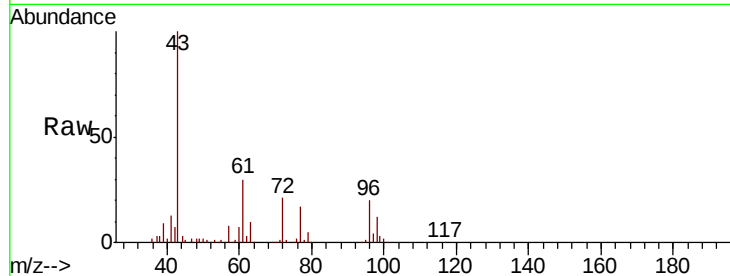
VN0330WBS01

Tot Ion: 43 Resp: 257341

Ion Ratio Lower Upper

43 100

72 20.6 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.85

100000

80000

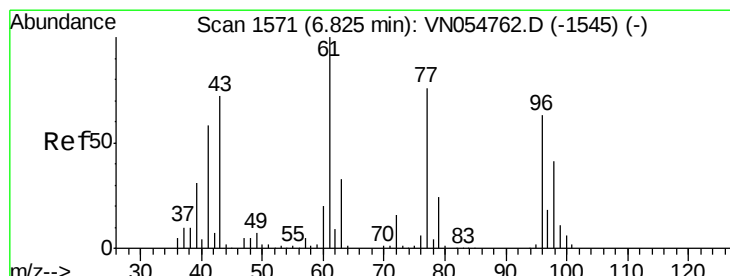
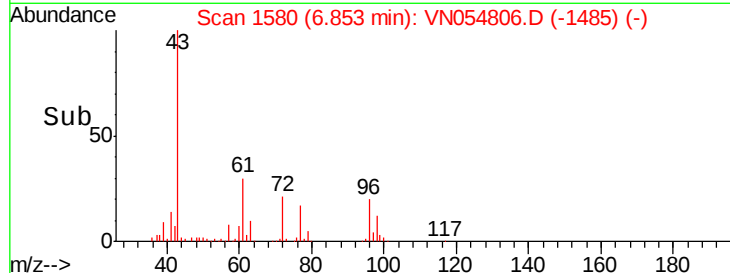
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 18.151 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054806.D

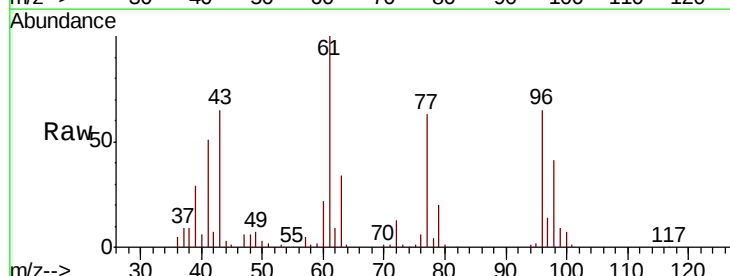
Acq: 30 Mar 2019 16:52

Tgt Ion: 77 Resp: 108146

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

40000

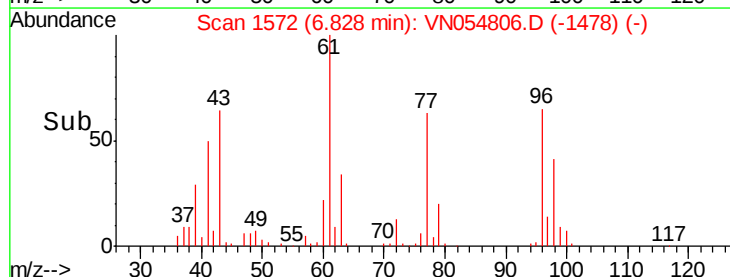
30000

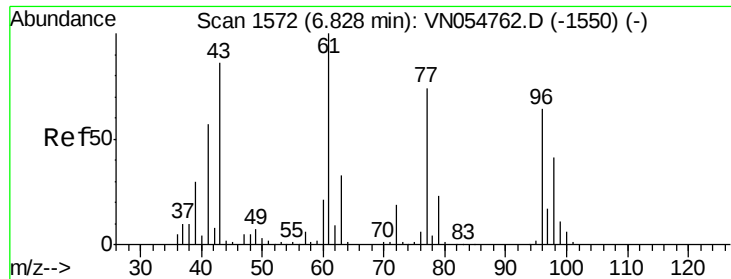
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 21.411 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

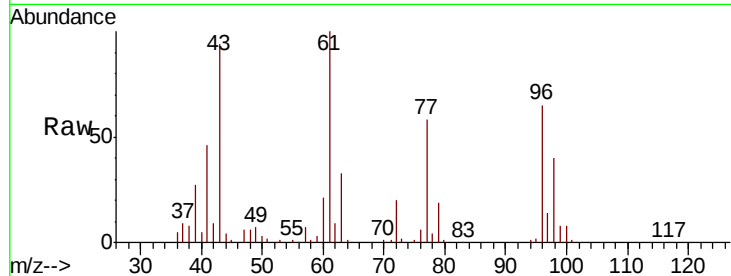
Tot Ion: 96 Resp: 103922

Ion Ratio Lower Upper

96 100

61 155.8 0.0 273.0

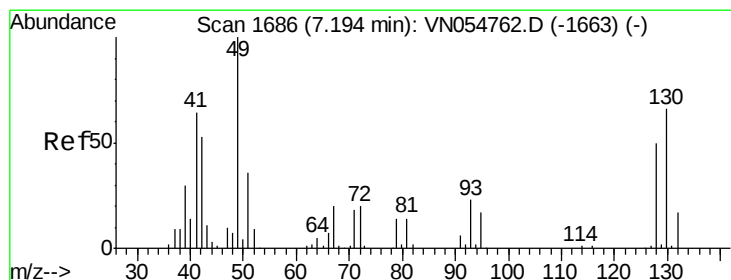
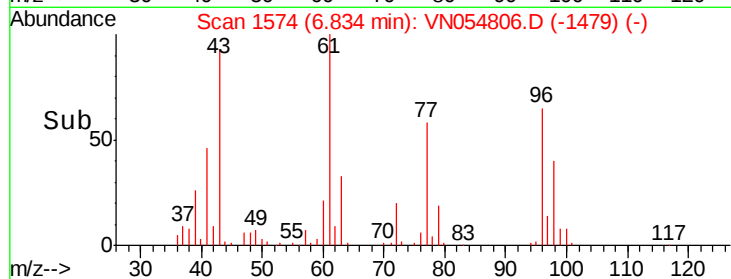
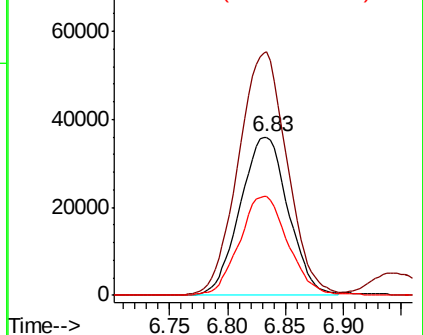
98 62.9 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 24.854 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

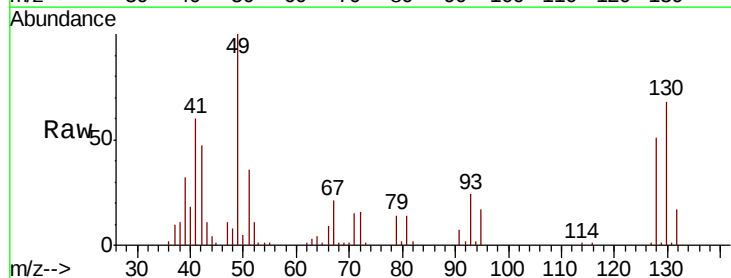
Tgt Ion: 49 Resp: 105643

Ion Ratio Lower Upper

49 100

129 0.7 0.0 4.6

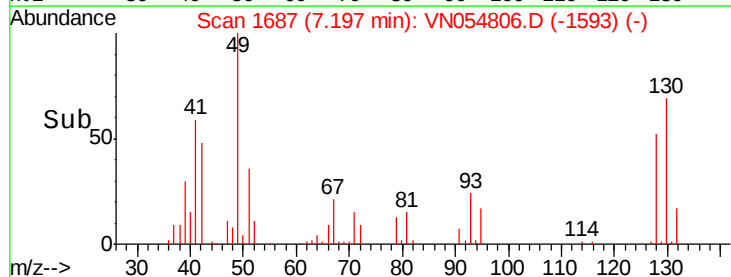
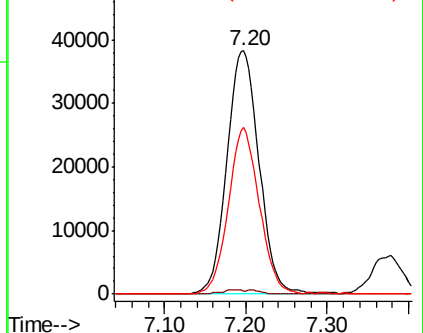
130 65.5 76.7 115.1#

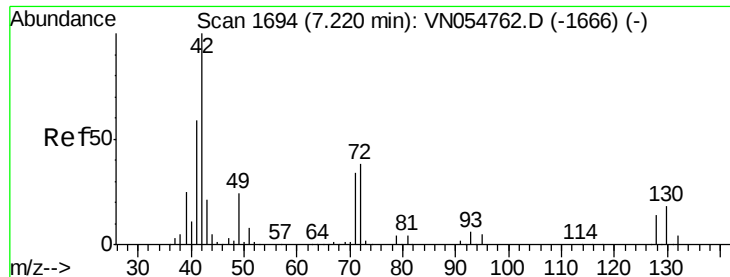


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 130.144 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampled :

VN0330WBS01

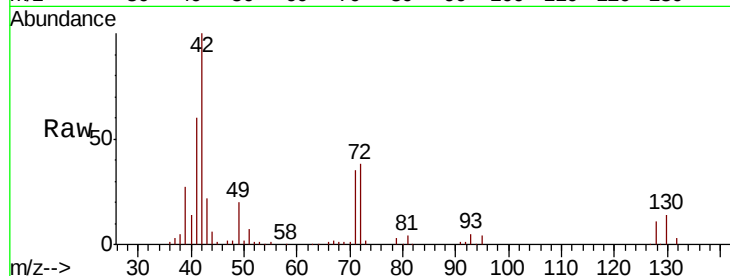
Tot Ion: 42 Resp: 178737

Ion Ratio Lower Upper

42 100

72 36.8 37.8 56.6#

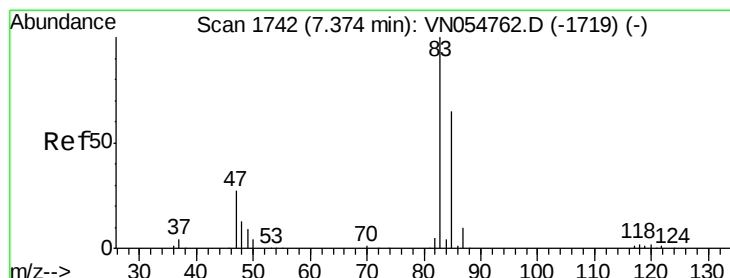
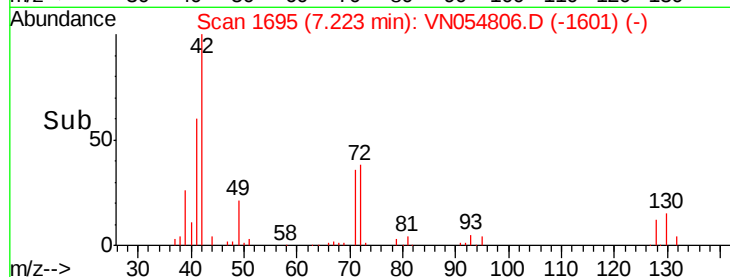
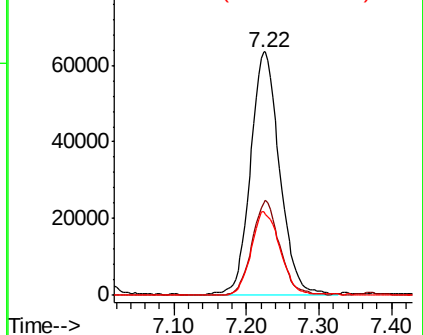
71 33.9 36.2 54.2#



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: 22.334 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN054806.D

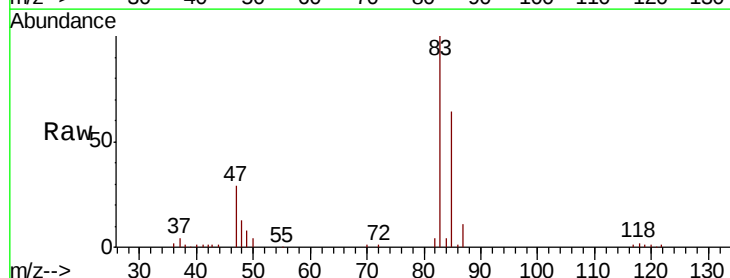
Acq: 30 Mar 2019 16:52

Tgt Ion: 83 Resp: 181036

Ion Ratio Lower Upper

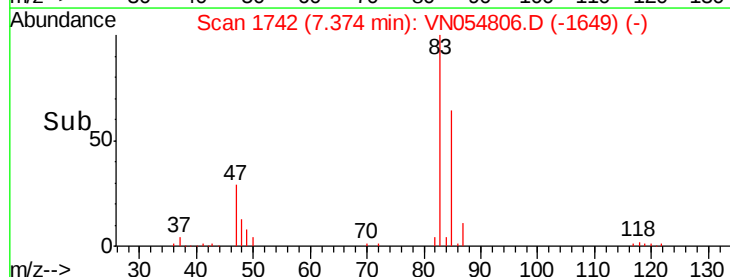
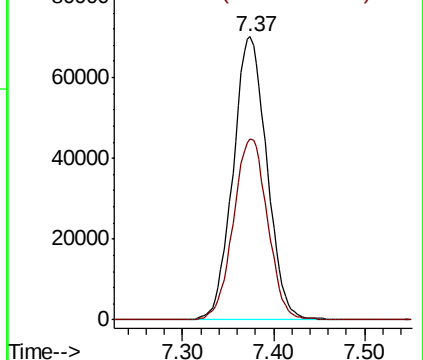
83 100

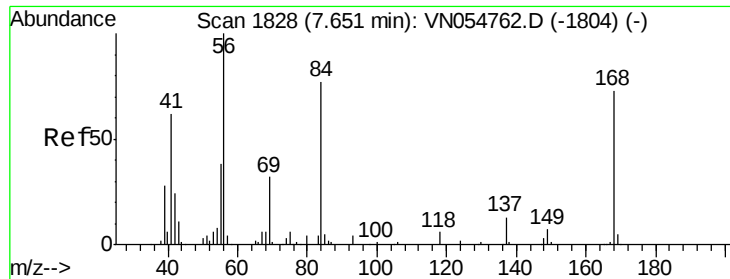
85 63.9 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

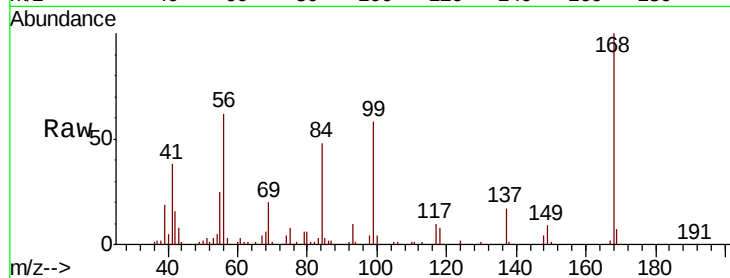




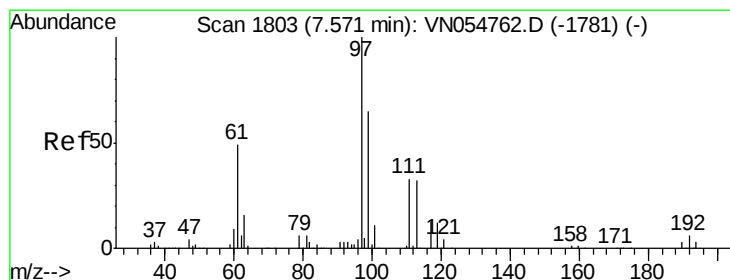
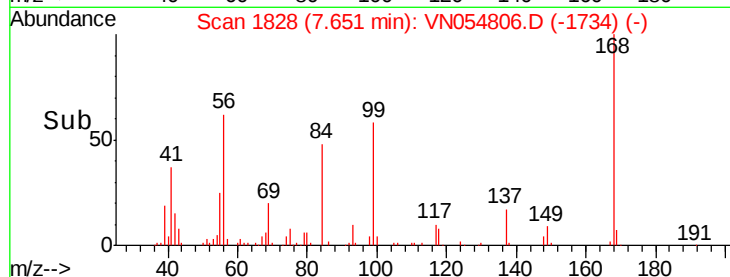
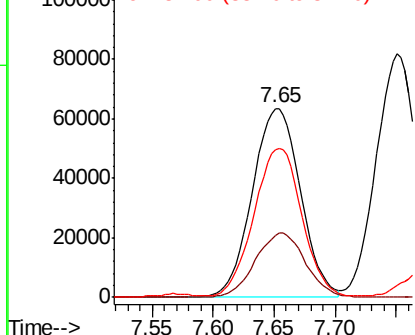
#31  
Cyclohexane  
Concen: 21.290 ug/l  
RT: 7.65 min Scan# 1828  
Delta R.T. 0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0330WBS01

Tot Ion: 56 Resp: 174065  
Ion Ratio Lower Upper  
56 100  
69 32.7 27.8 41.6  
84 76.8 74.6 111.8

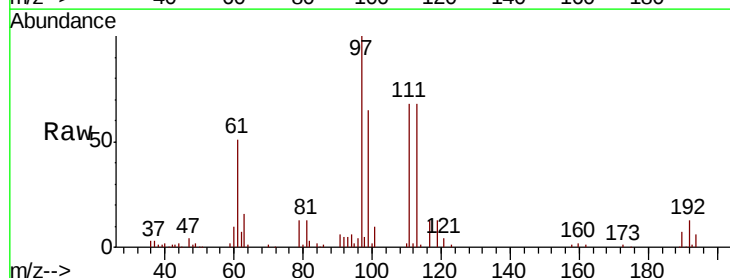


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

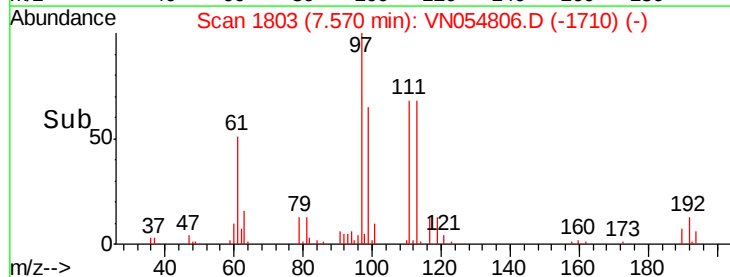
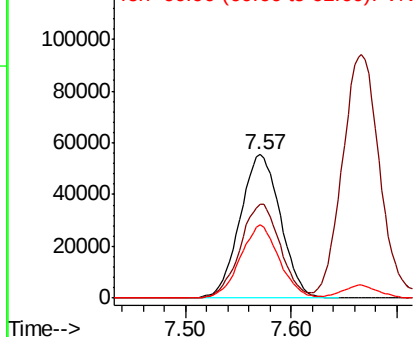


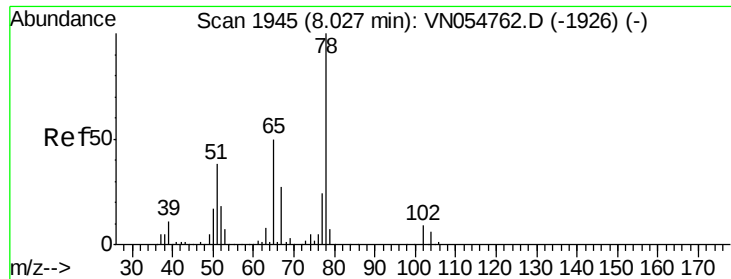
#32  
1,1,1-Trichloroethane  
Concen: 22.050 ug/l  
RT: 7.57 min Scan# 1803  
Delta R.T. -0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

Tgt Ion: 97 Resp: 148119  
Ion Ratio Lower Upper  
97 100  
99 64.9 51.5 77.3  
61 48.9 33.6 50.4



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

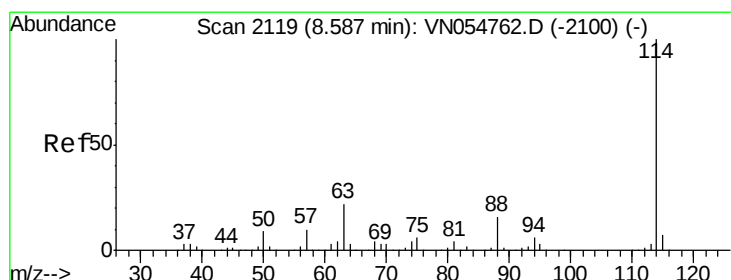
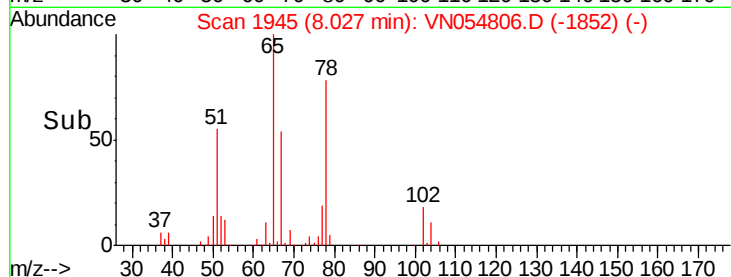
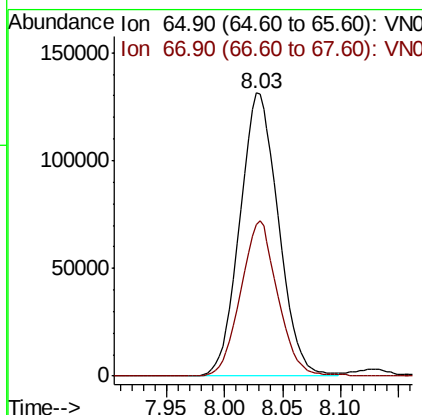
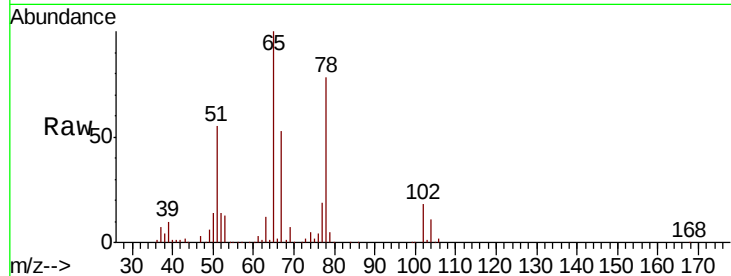




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.311 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

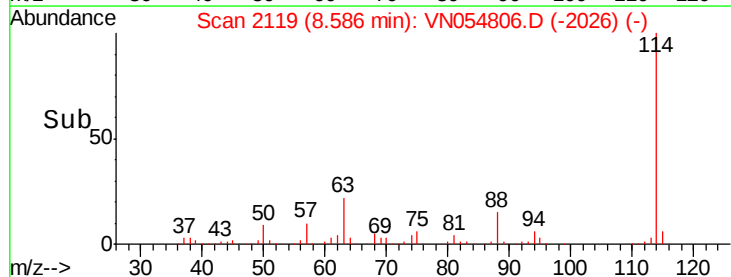
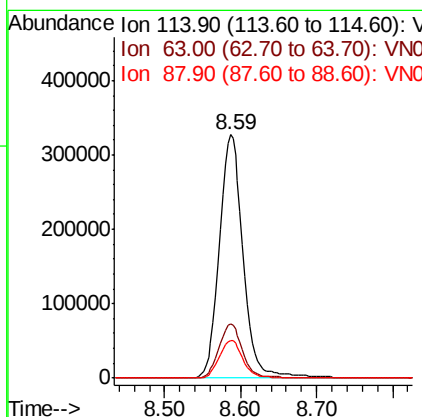
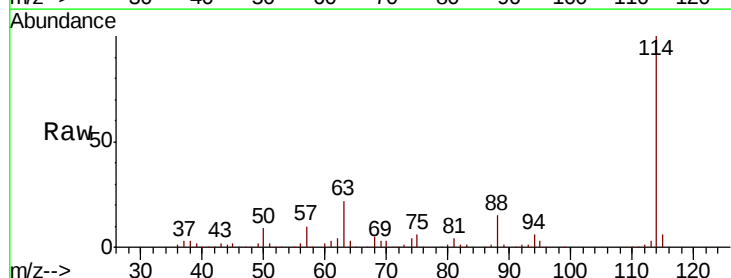
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0330WBS01

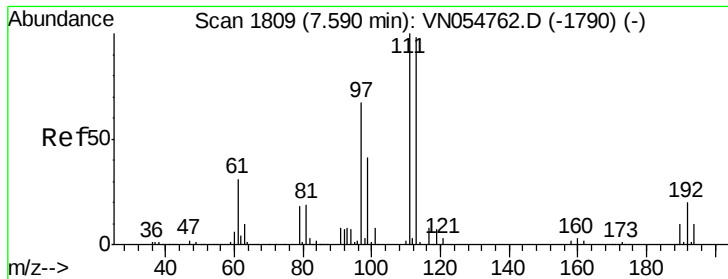
Tot Ion: 65 Resp: 304660  
 Ion Ratio Lower Upper  
 65 100  
 67 52.7 0.0 104.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

Tgt Ion: 114 Resp: 712217  
 Ion Ratio Lower Upper  
 114 100  
 63 22.4 0.0 35.2  
 88 15.4 0.0 30.2

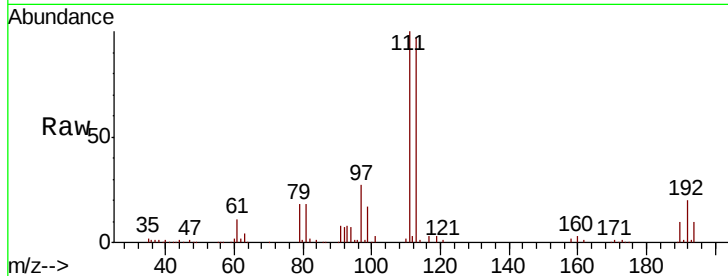




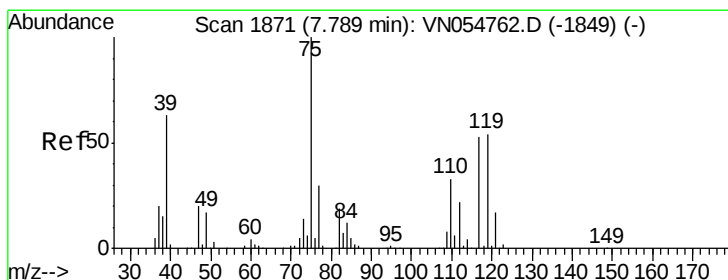
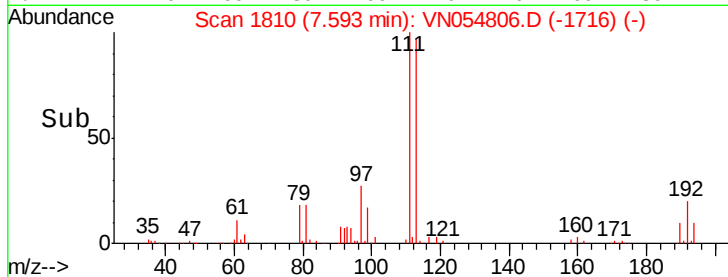
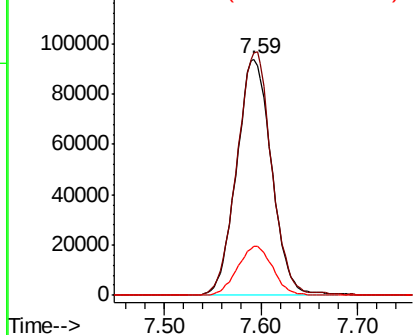
#35  
 Dibromofluoromethane  
 Concen: 49.703 ug/l  
 RT: 7.59 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0330WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.3 | 82.2  | 123.4 |
| 192     | 20.8  | 19.2  | 28.8  |

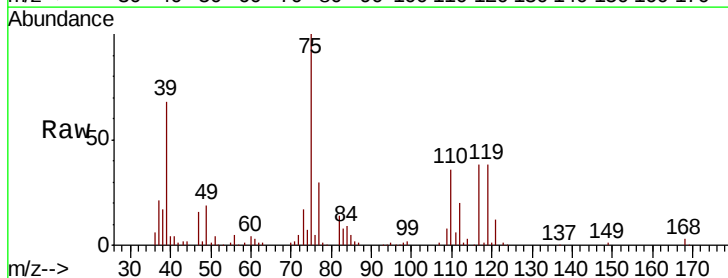


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

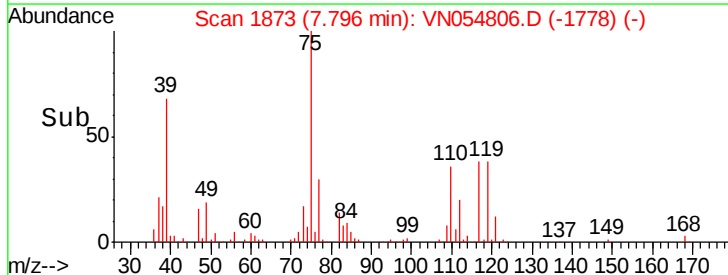
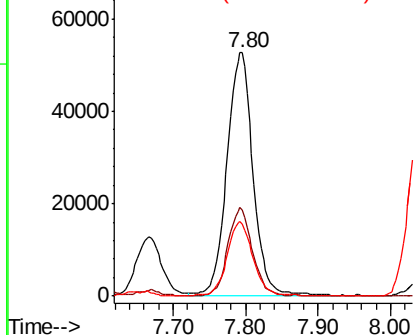


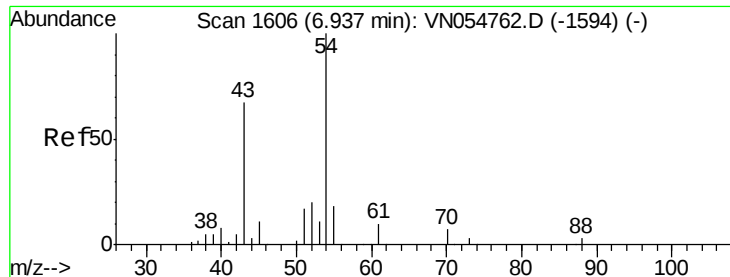
#36  
 1,1-Dichloropropene  
 Concen: 19.766 ug/l  
 RT: 7.80 min Scan# 1873  
 Delta R.T. 0.01 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 34.3  | 19.1  | 57.5  |
| 77      | 30.8  | 25.0  | 37.4  |



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

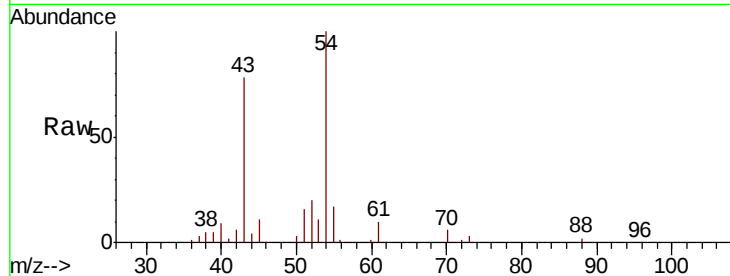




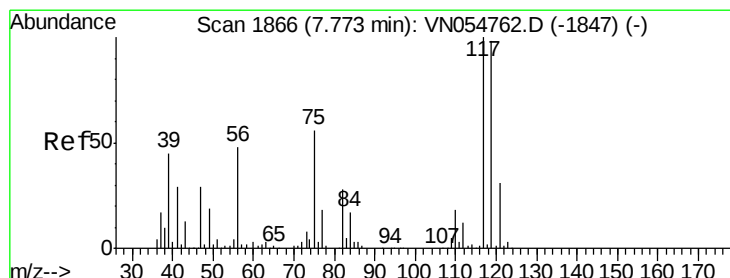
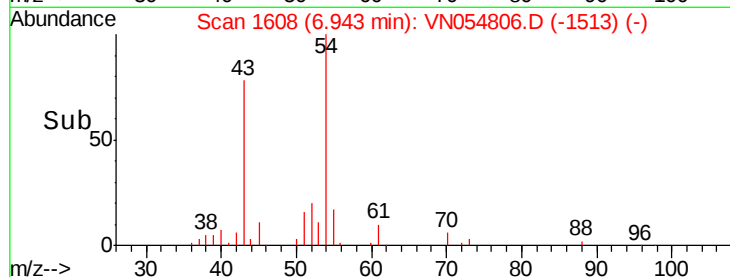
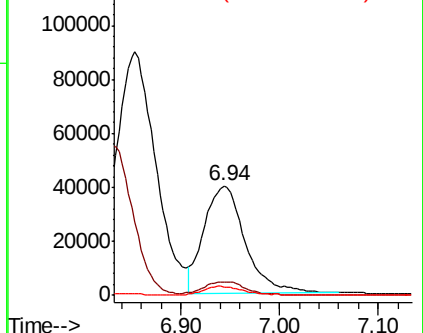
#37  
Ethyl Acetate  
Concen: 23.922 ug/l  
RT: 6.94 min Scan# 1608  
Delta R.T. 0.01 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

Tot Ion: 43 Resp: 116421  
Ion Ratio Lower Upper  
43 100  
61 12.6 11.8 17.6  
70 8.2 8.4 12.6#

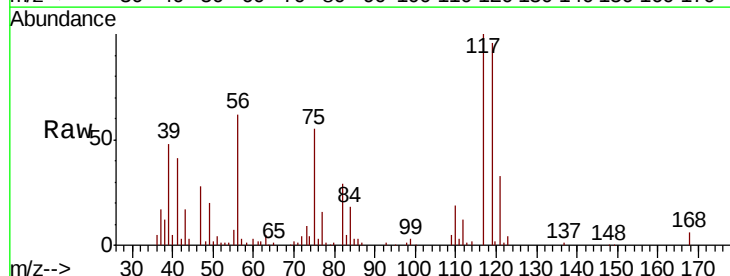


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

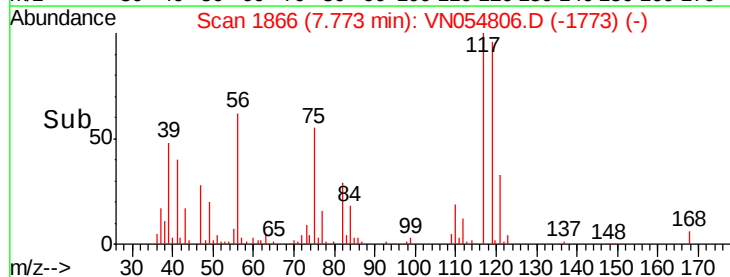
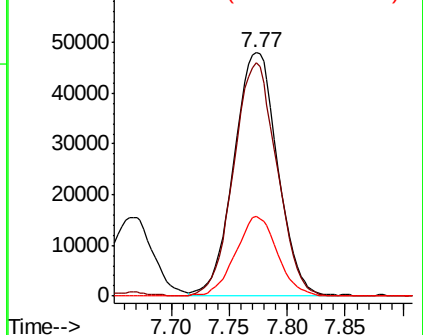


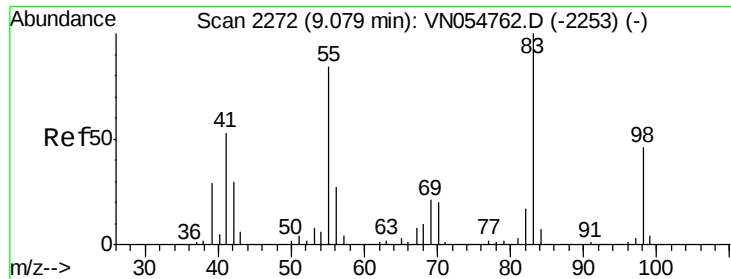
#38  
Carbon Tetrachloride  
Concen: 19.391 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. -0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

Tgt Ion: 117 Resp: 124994  
Ion Ratio Lower Upper  
117 100  
119 96.4 76.3 114.5  
121 33.1 24.6 36.8



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

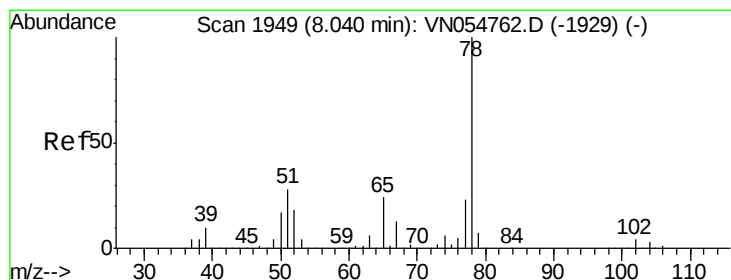
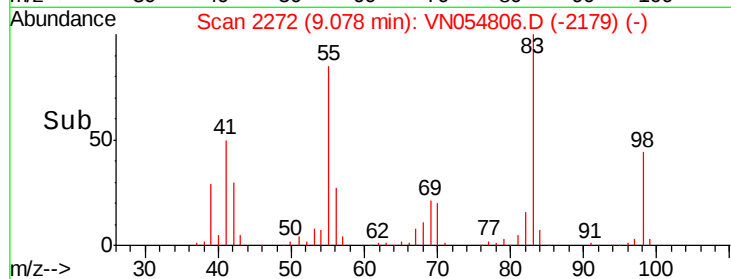
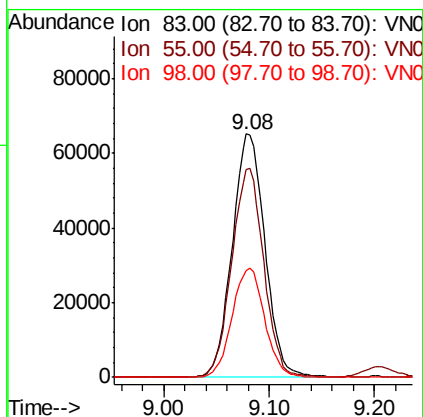
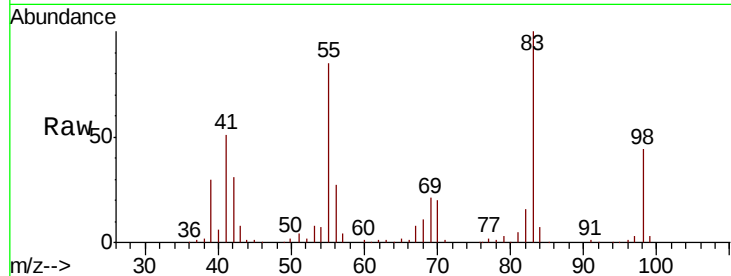




#39  
Methvlcvclohexane  
Concen: 19.225 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. -0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

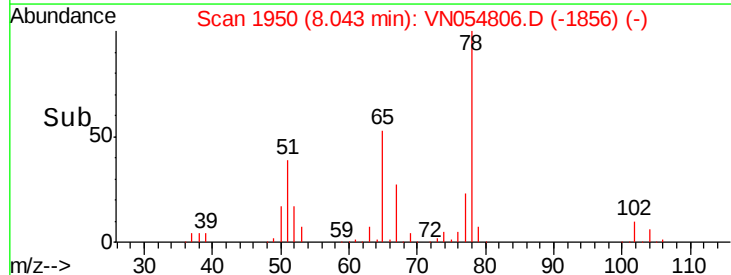
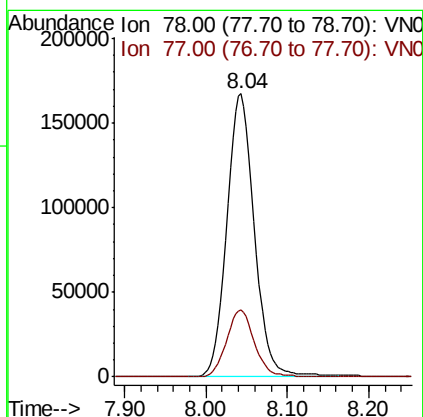
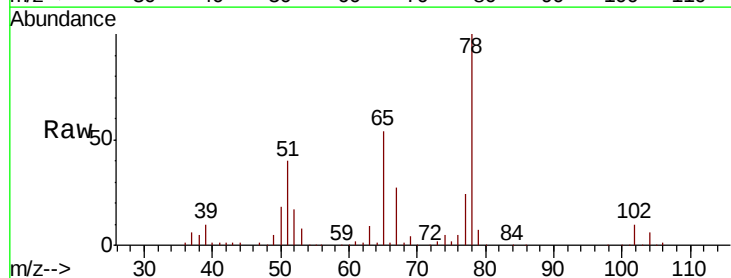
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

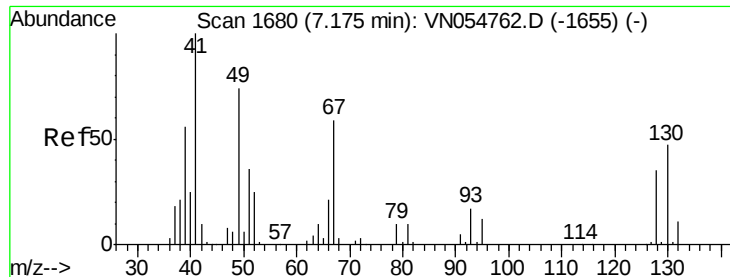
Tot Ion: 83 Resp: 140264  
Ion Ratio Lower Upper  
83 100  
55 85.4 56.6 84.8#  
98 44.0 38.4 57.6



#40  
Benzene  
Concen: 20.948 ug/l  
RT: 8.04 min Scan# 1950  
Delta R.T. 0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

Tgt Ion: 78 Resp: 397785  
Ion Ratio Lower Upper  
78 100  
77 23.6 19.1 28.7

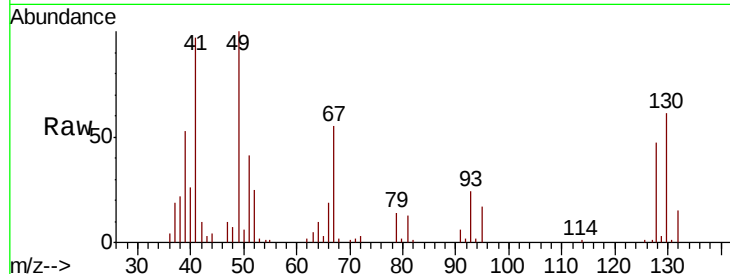




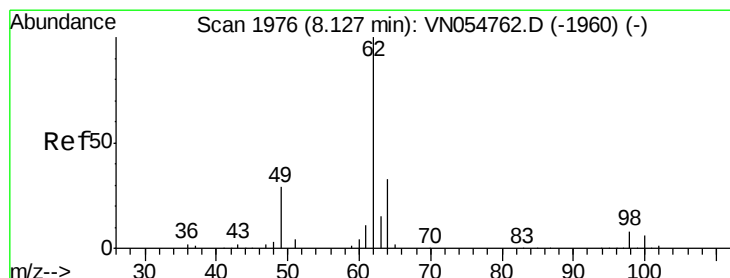
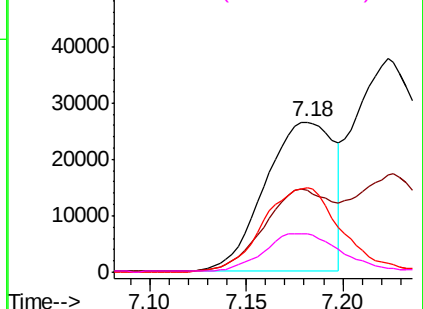
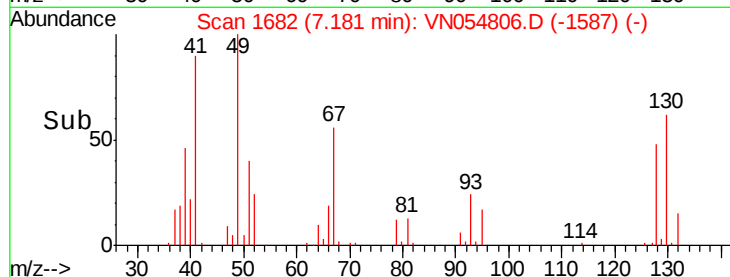
#41  
Methacrylonitrile  
Concen: 24.023 ug/l  
RT: 7.18 min Scan# 1682  
Delta R.T. 0.01 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

Tot Ion: 41 Resp: 65675  
Ion Ratio Lower Upper  
41 100  
39 53.8 46.8 70.2  
67 64.5 67.0 100.4#  
52 30.2 26.5 39.7

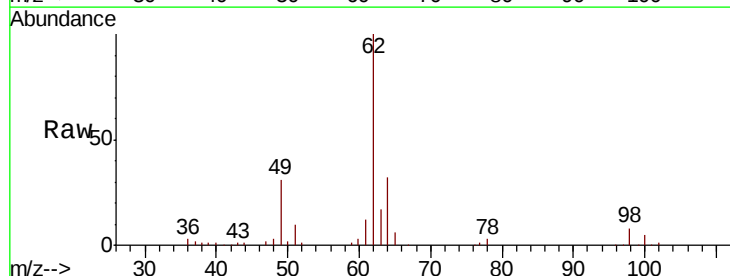


Abundance Ion 41.00 (40.70 to 41.70): VNO  
Ion 39.00 (38.70 to 39.70): VNO  
Ion 67.00 (66.70 to 67.70): VNO  
Ion 52.00 (51.70 to 52.70): VNO

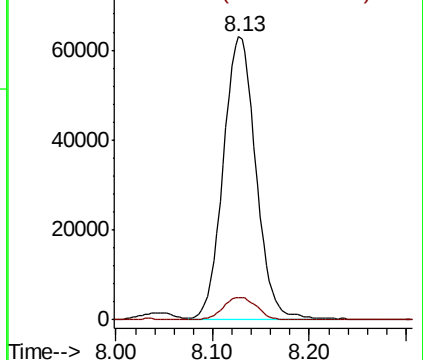
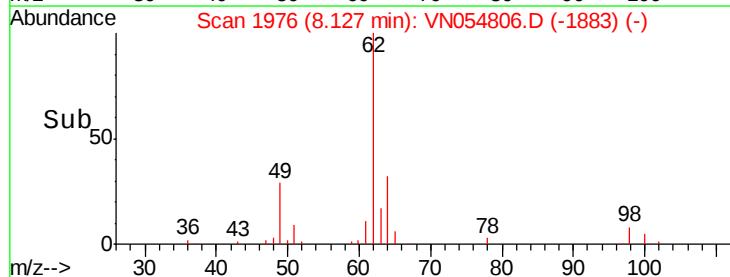


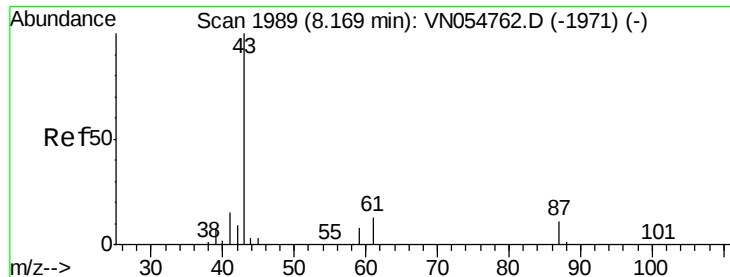
#42  
1,2-Dichloroethane  
Concen: 21.644 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. -0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

Tgt Ion: 62 Resp: 146752  
Ion Ratio Lower Upper  
62 100  
98 8.3 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VNO  
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 23.831 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

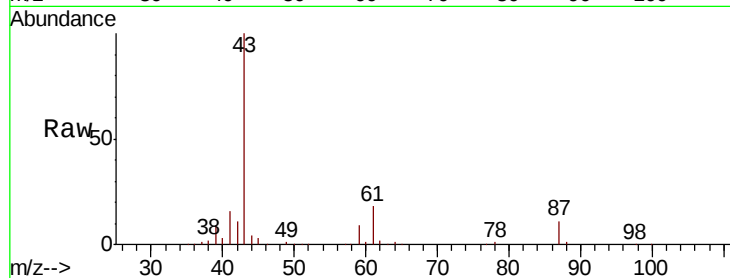
Tot Ion: 43 Resp: 188452

Ion Ratio Lower Upper

43 100

61 17.6 15.8 23.8

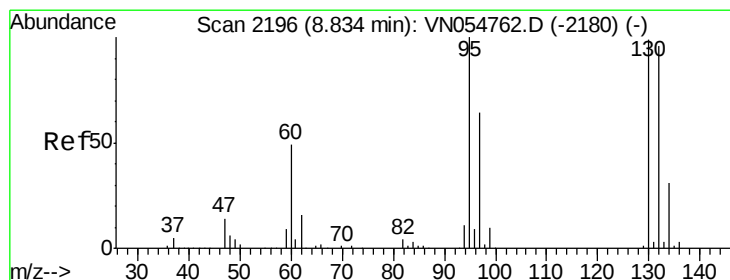
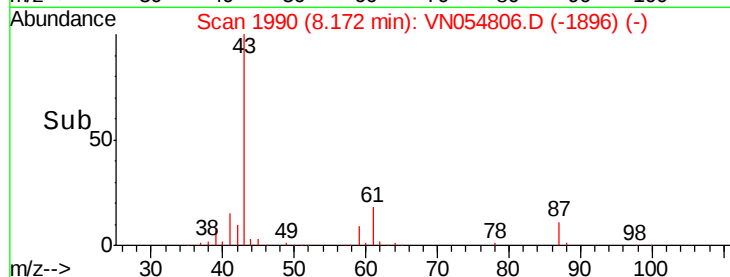
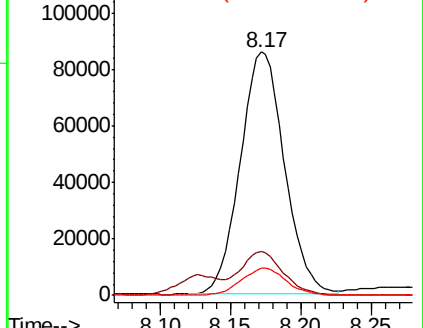
87 11.4 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054806.D (-1990) (-)

Ion 61.00 (60.70 to 61.70): VN054806.D (-1990) (-)

Ion 87.00 (86.70 to 87.70): VN054806.D (-1990) (-)



#44

Trichloroethene

Concen: 20.379 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054806.D

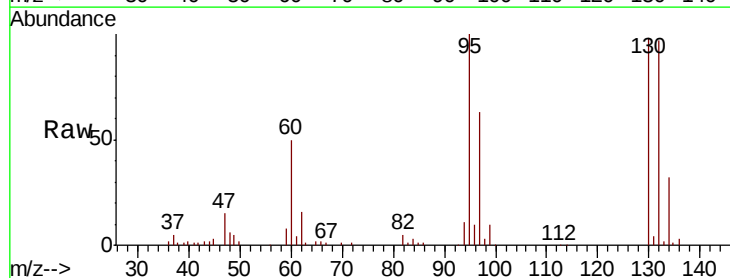
Acq: 30 Mar 2019 16:52

Tgt Ion:130 Resp: 100457

Ion Ratio Lower Upper

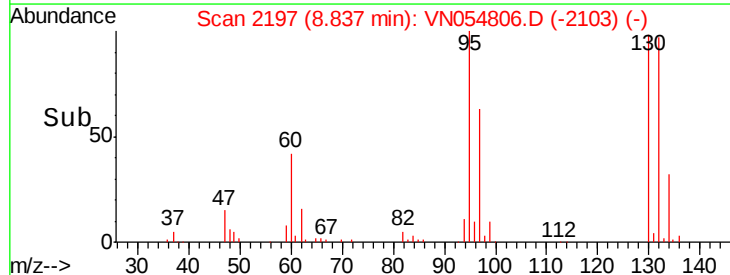
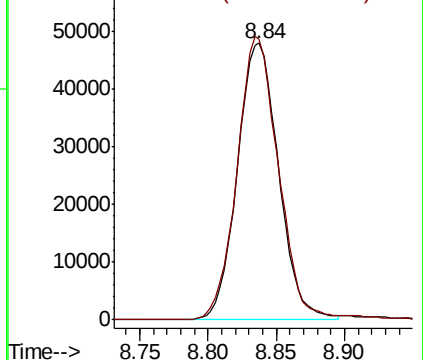
130 100

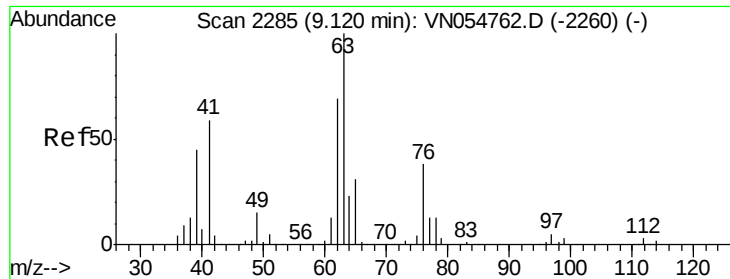
95 101.6 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054806.D (-2197) (-)

Ion 94.90 (94.60 to 95.60): VN054806.D (-2197) (-)

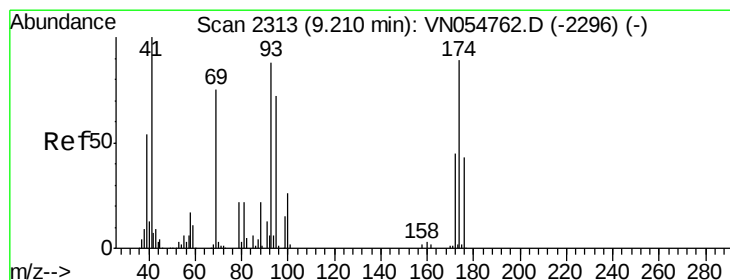
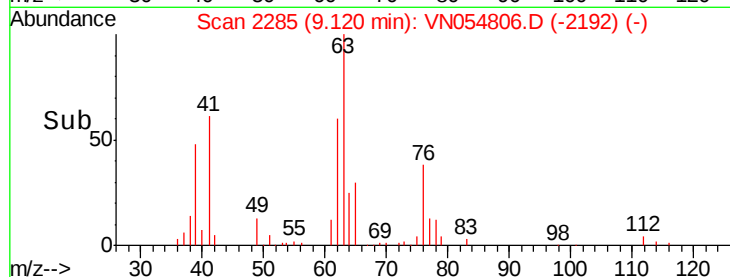
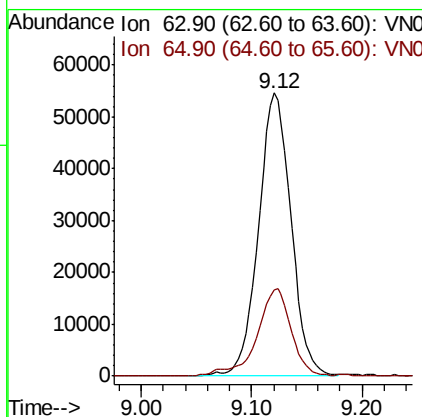
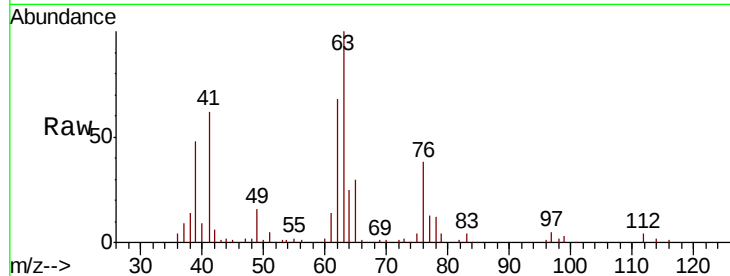




#45  
 1,2-Dichloropropane  
 Concen: 20.652 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. -0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

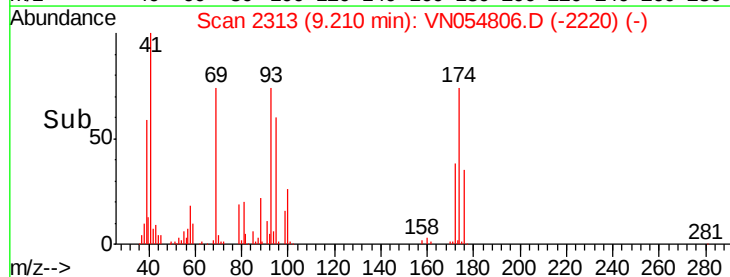
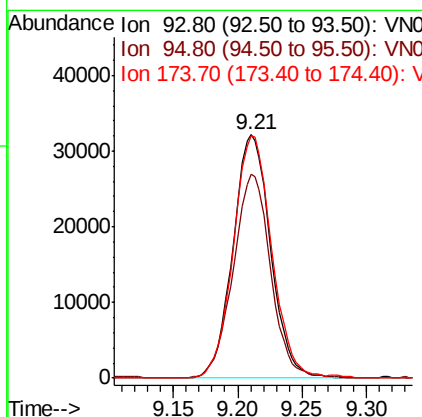
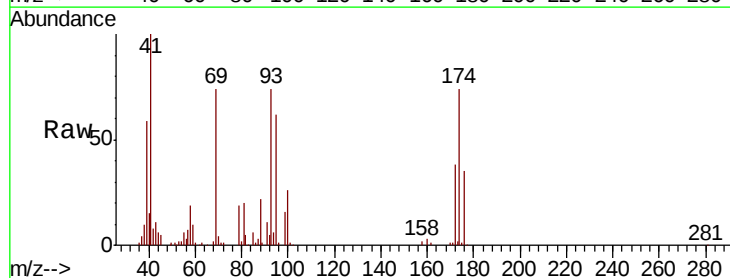
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0330WBS01

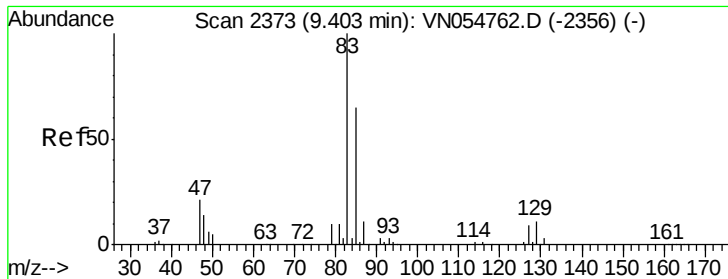
Tot Ion: 63 Resp: 111823  
 Ion Ratio Lower Upper  
 63 100  
 65 30.3 25.0 37.6



#46  
 Dibromomethane  
 Concen: 21.363 ug/l  
 RT: 9.21 min Scan# 2313  
 Delta R.T. -0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

Tgt Ion: 93 Resp: 65071  
 Ion Ratio Lower Upper  
 93 100  
 95 83.9 66.7 100.1  
 174 101.6 98.5 147.7





#47

Bromodichloromethane

Concen: 20.813 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

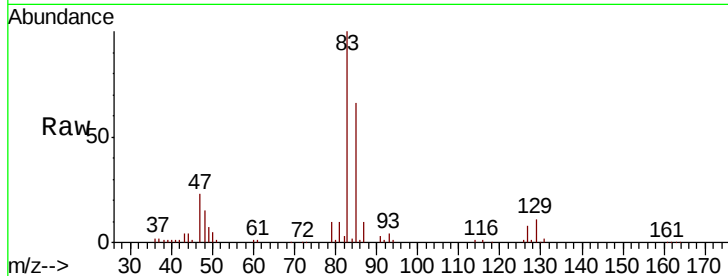
Tot Ion: 83 Resp: 131753

Ion Ratio Lower Upper

83 100

85 65.5 52.8 79.2

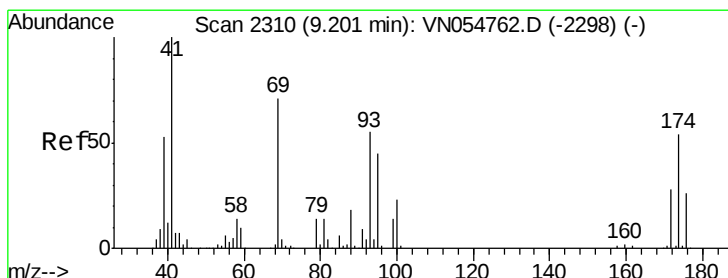
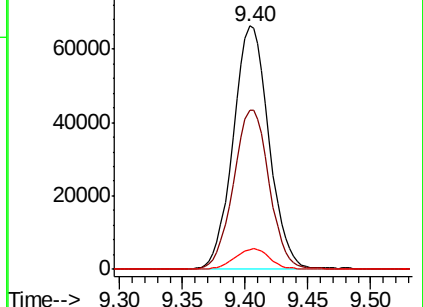
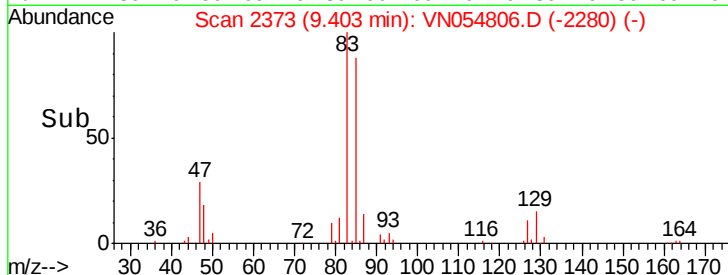
127 8.0 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 22.333 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

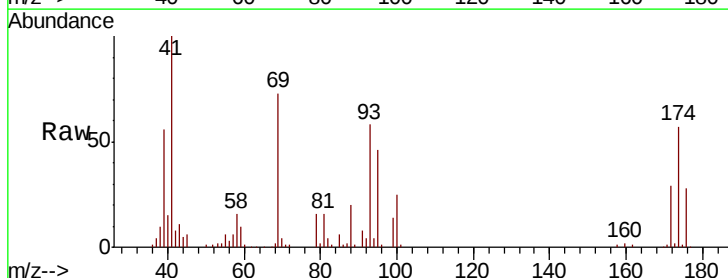
Tgt Ion: 41 Resp: 95731

Ion Ratio Lower Upper

41 100

69 75.0 72.6 108.8

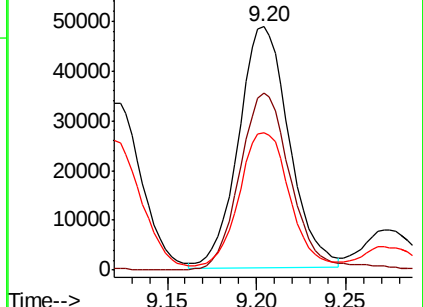
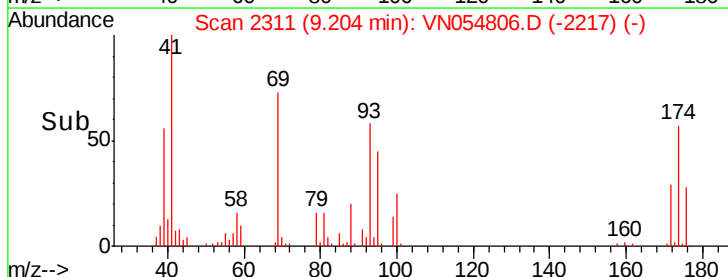
39 56.8 47.5 71.3

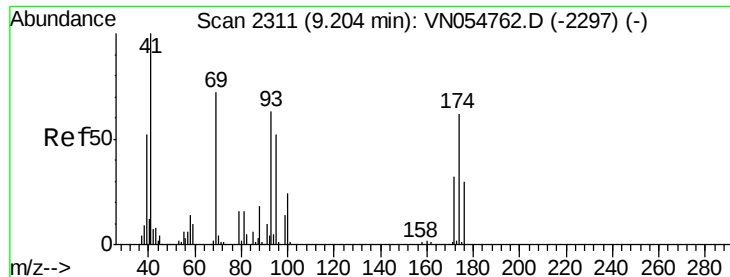


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 512.528 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

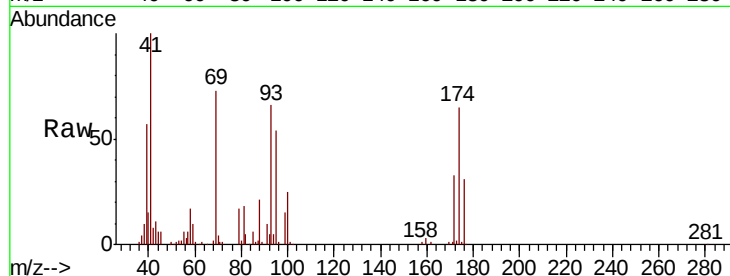
Tot Ion: 88 Resp: 21799

Ion Ratio Lower Upper

88 100

43 40.1 24.1 36.1#

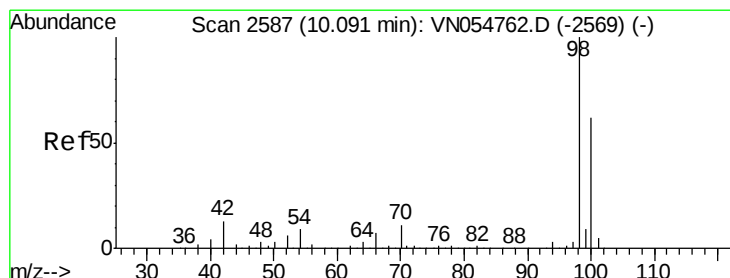
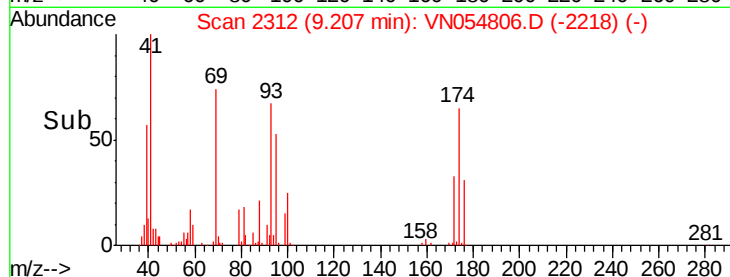
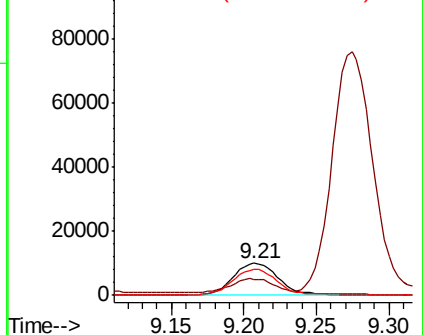
58 79.9 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.928 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054806.D

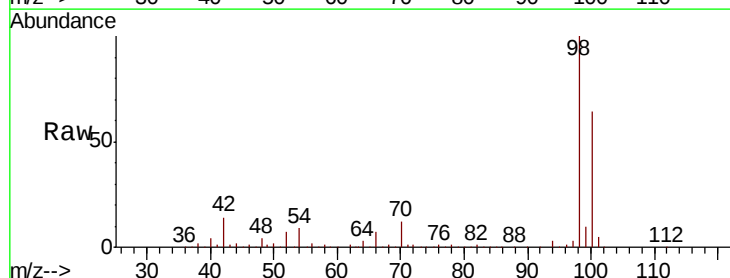
Acq: 30 Mar 2019 16:52

Tgt Ion: 98 Resp: 863730

Ion Ratio Lower Upper

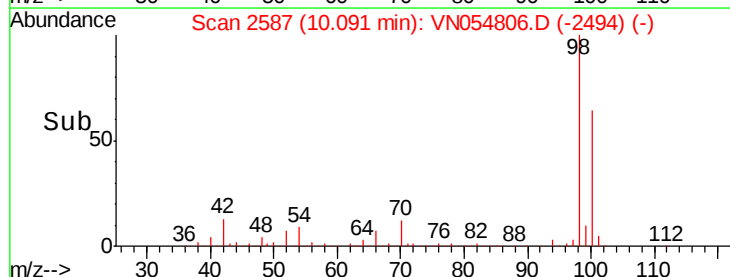
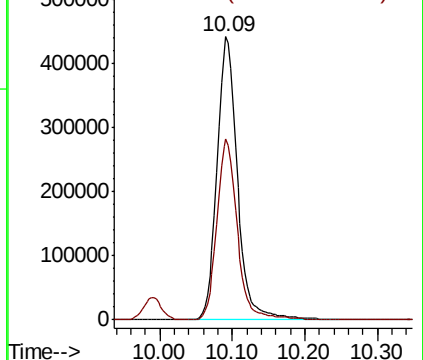
98 100

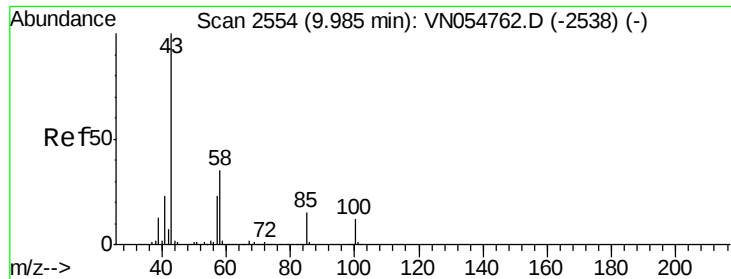
100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 123.311 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

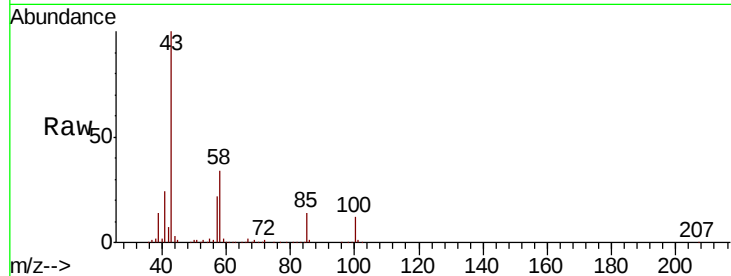
VN0330WBS01

Tot Ion: 43 Resp: 548231

Ion Ratio Lower Upper

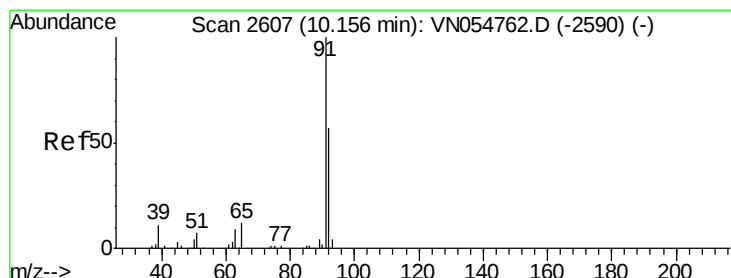
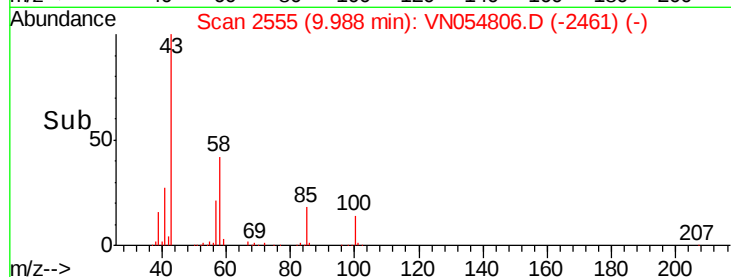
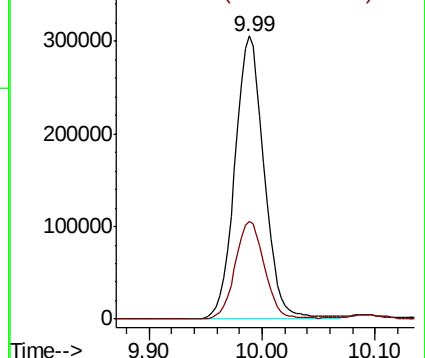
43 100

58 34.7 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.559 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN054806.D

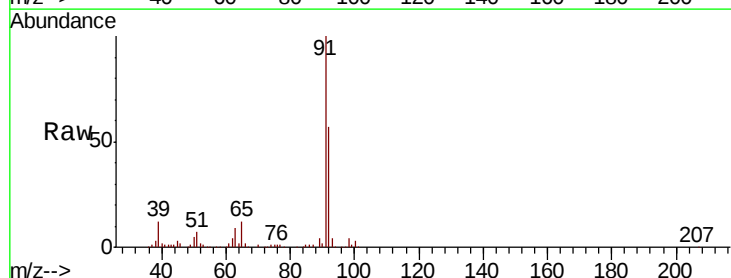
Acq: 30 Mar 2019 16:52

Tgt Ion: 92 Resp: 232312

Ion Ratio Lower Upper

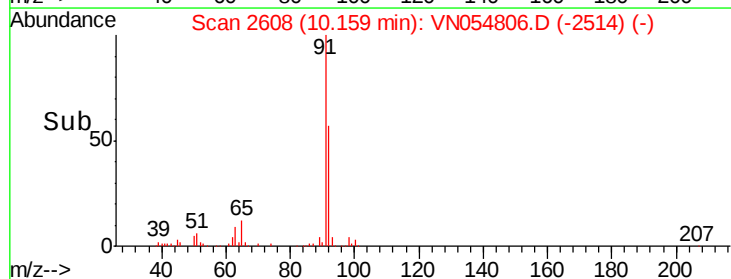
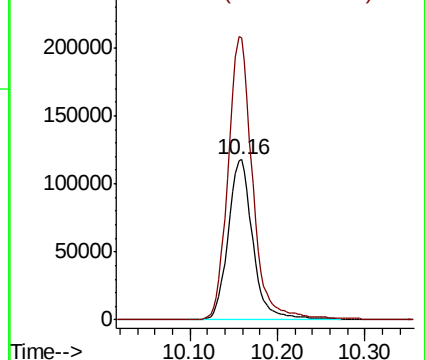
92 100

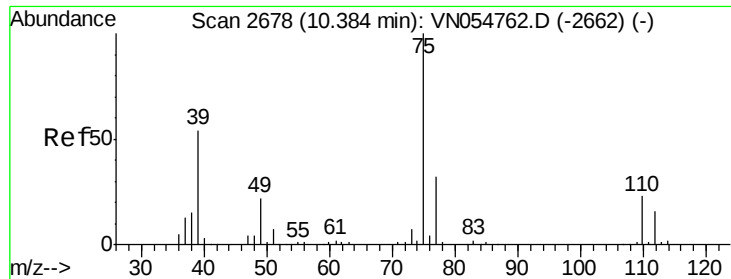
91 174.9 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 19.426 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampled :

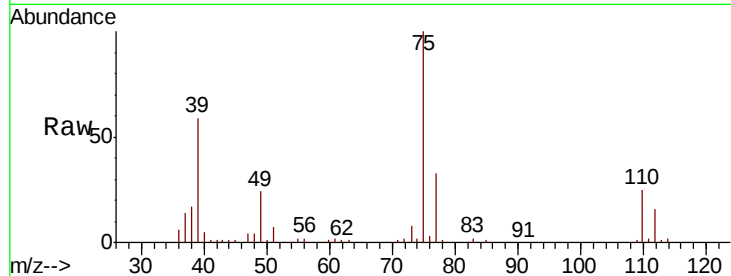
VN0330WBS01

Tot Ion: 75 Resp: 115677

Ion Ratio Lower Upper

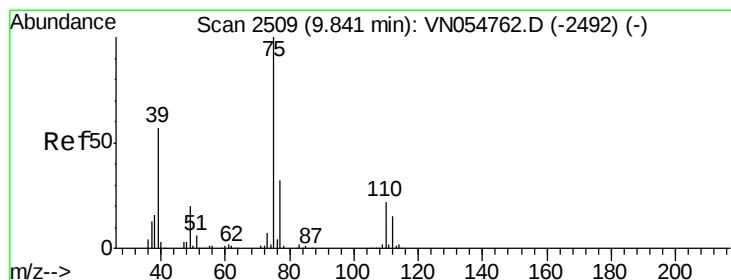
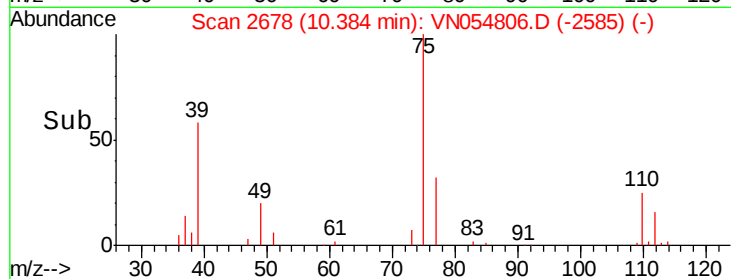
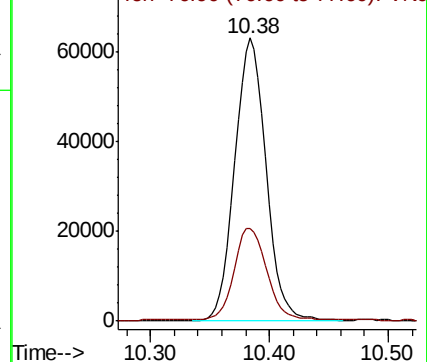
75 100

77 32.3 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.389 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

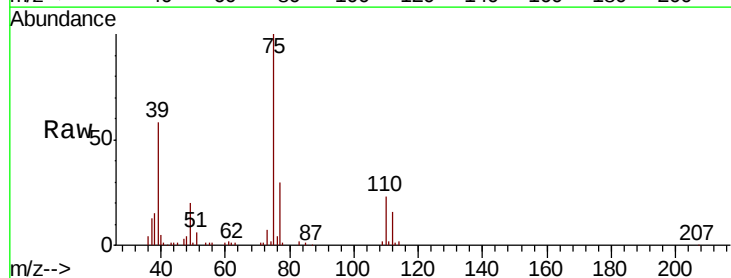
Tgt Ion: 75 Resp: 145033

Ion Ratio Lower Upper

75 100

77 30.0 25.4 38.0

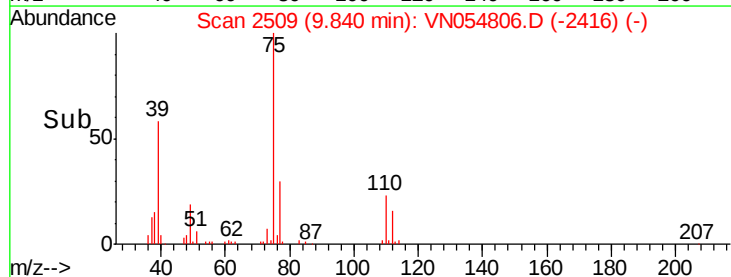
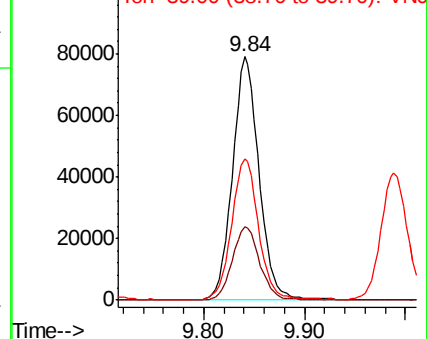
39 57.9 37.2 55.8#

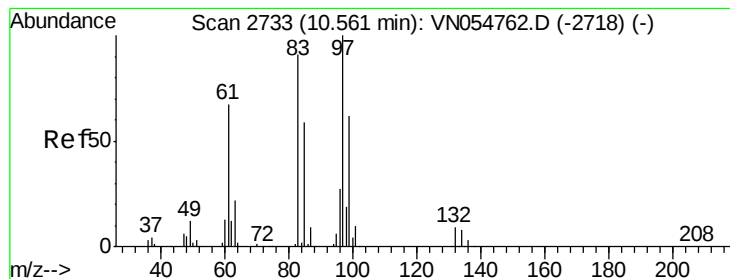


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 21.530 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

Tot Ion: 97 Resp: 90459

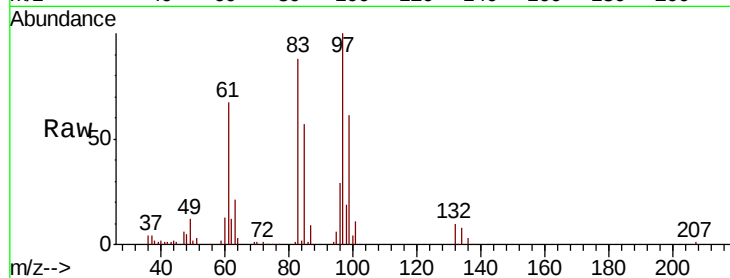
Ion Ratio Lower Upper

97 100

83 87.9 66.6 100.0

85 57.4 44.4 66.6

99 60.8 50.8 76.2

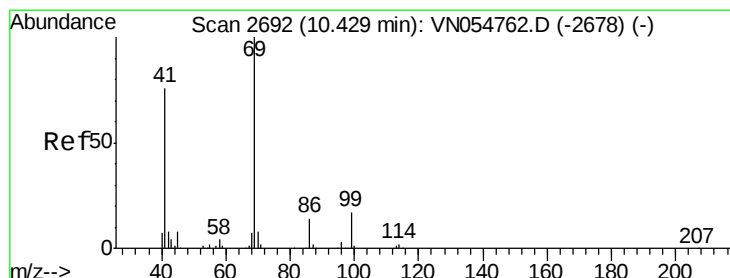
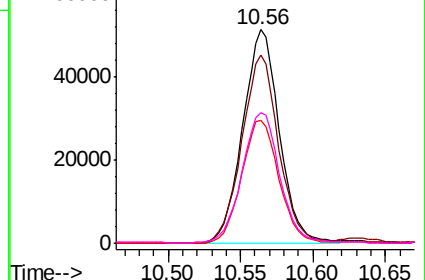
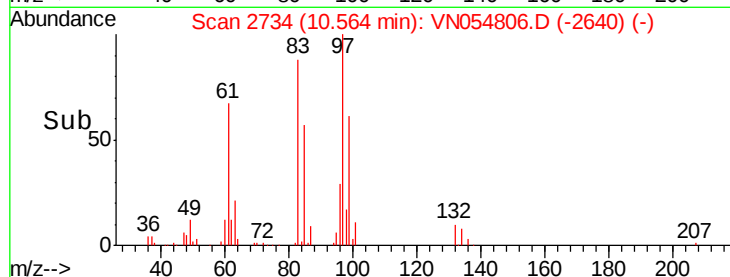


Abundance Ion 96.90 (96.60 to 97.60): VNO

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: 21.624 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

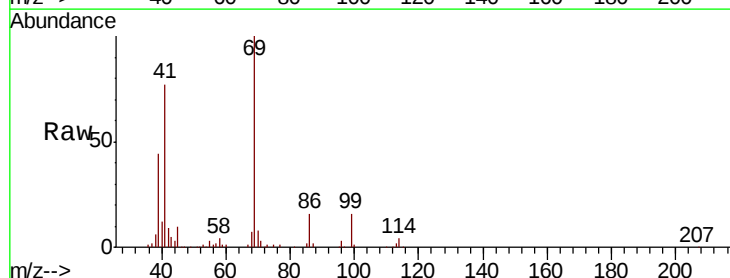
Tgt Ion: 69 Resp: 119180

Ion Ratio Lower Upper

69 100

41 75.1 49.4 74.2#

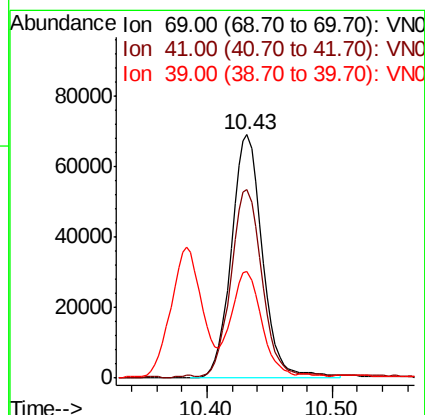
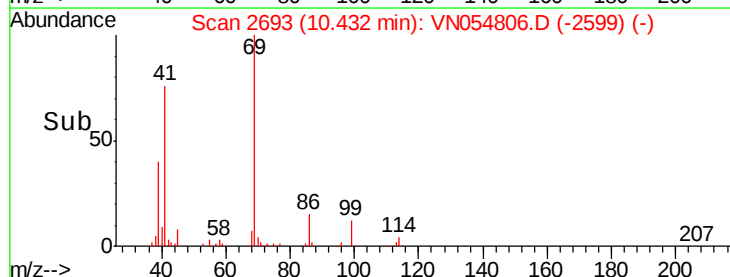
39 40.8 28.3 42.5

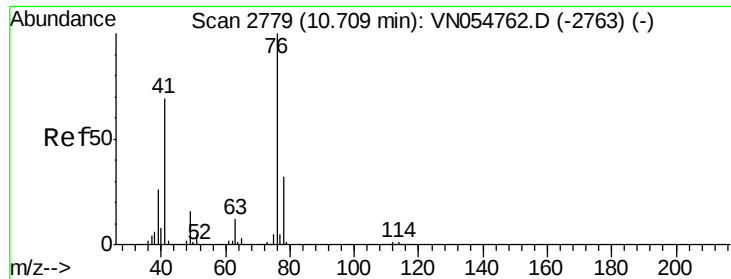


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 21.949 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

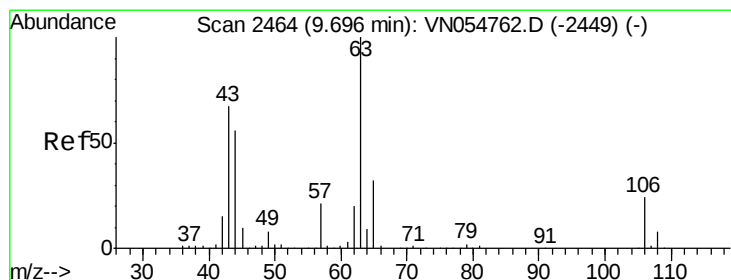
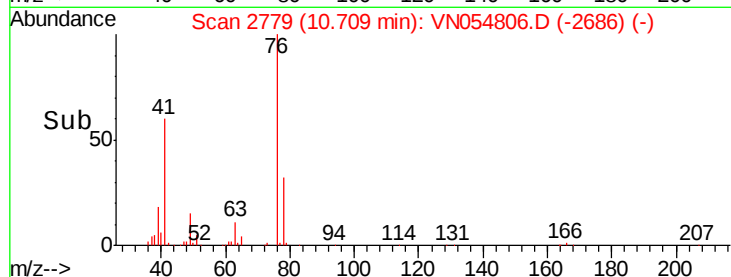
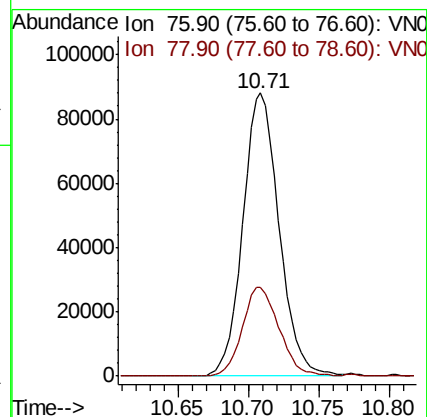
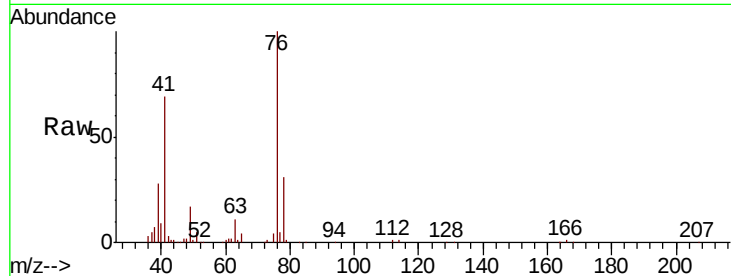
VN0330WBS01

Tot Ion: 76 Resp: 158545

Ion Ratio Lower Upper

76 100

78 32.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 104.348 ug/l

RT: 9.70 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN054806.D

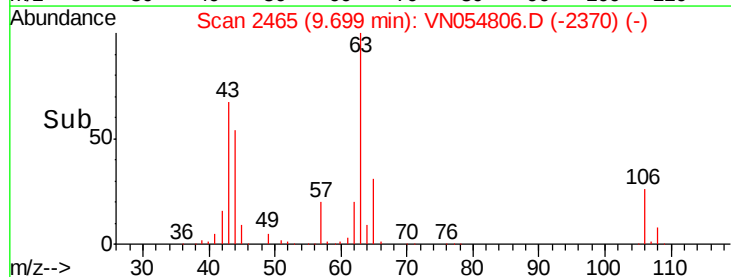
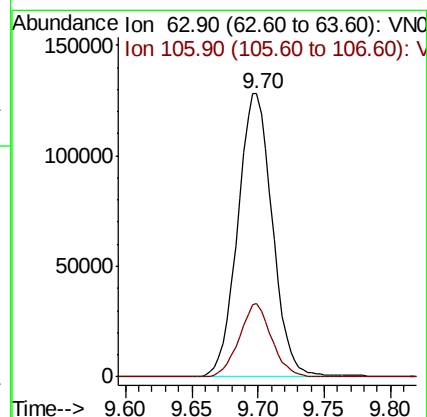
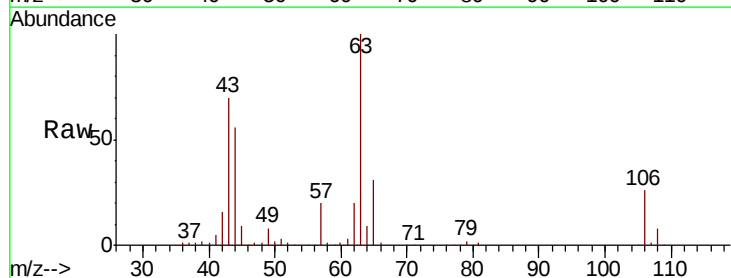
Acq: 30 Mar 2019 16:52

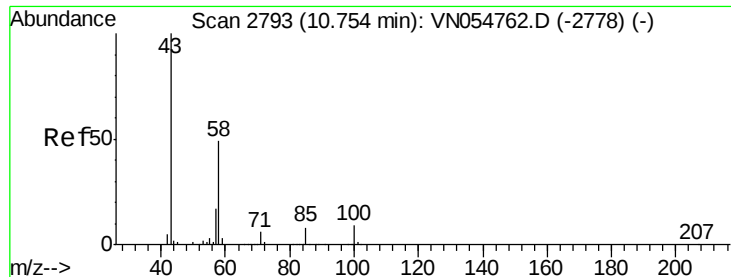
Tgt Ion: 63 Resp: 232799

Ion Ratio Lower Upper

63 100

106 24.2 24.4 36.6#

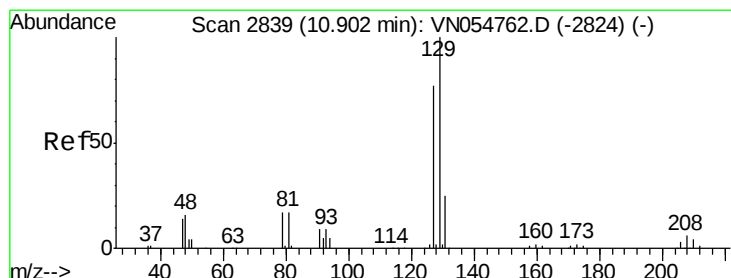
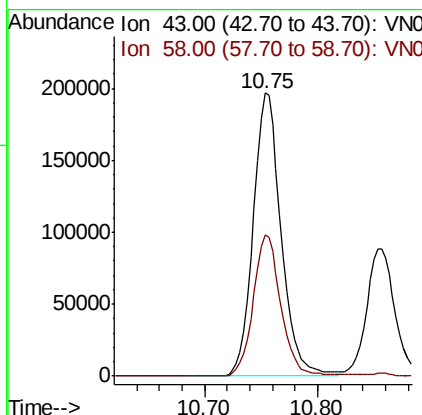
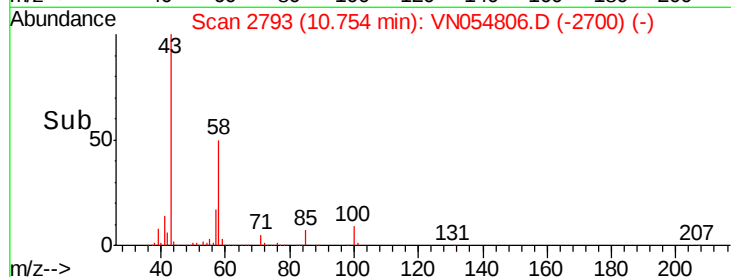
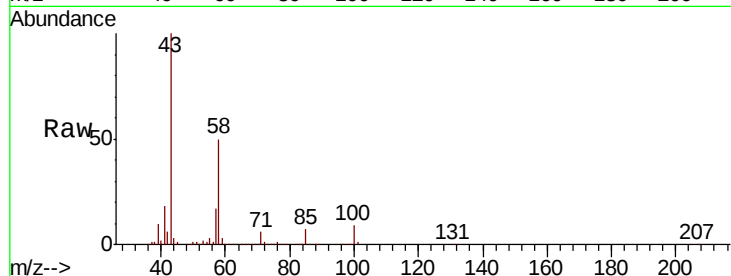




#59  
2-Hexanone  
Concen: 117.592 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. -0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

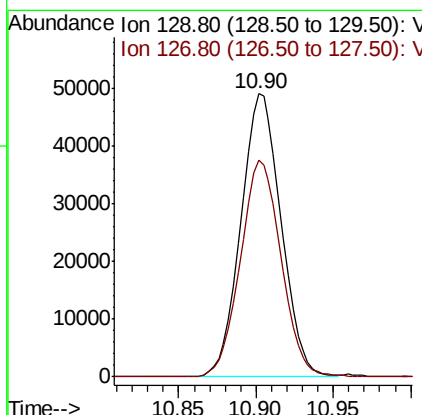
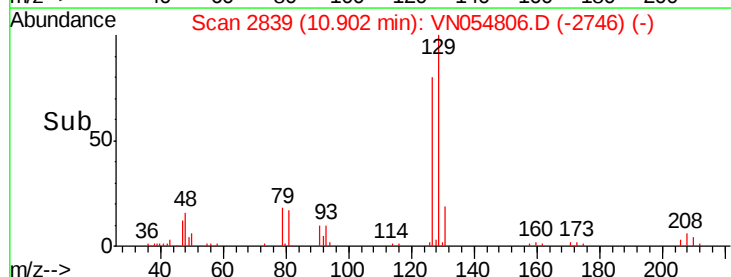
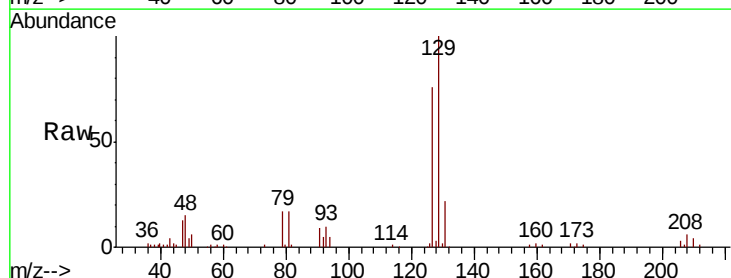
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

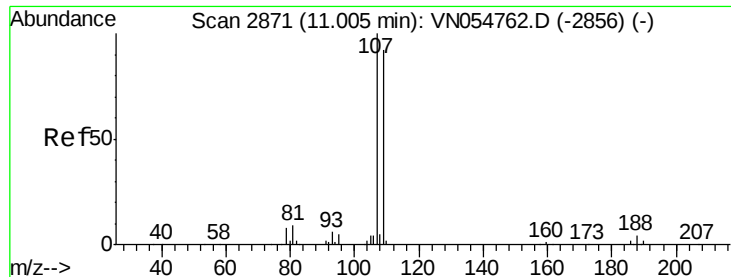
Tot Ion: 43 Resp: 334677  
Ion Ratio Lower Upper  
43 100  
58 49.8 28.0 83.9



#60  
Dibromochloromethane  
Concen: 20.832 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. -0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

Tgt Ion: 129 Resp: 88662  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.6 115.8

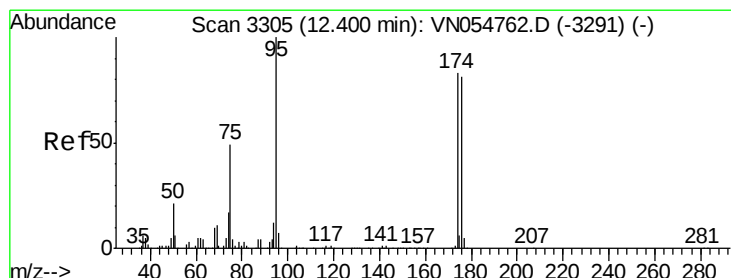
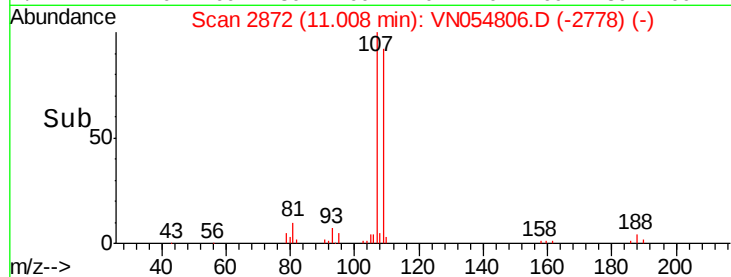
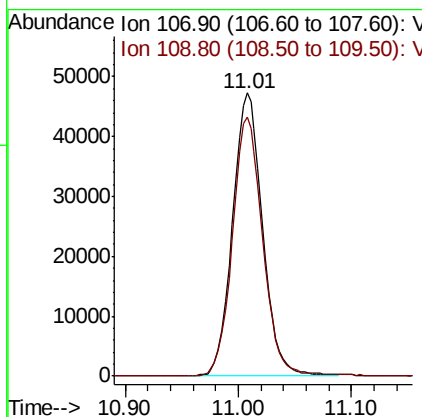
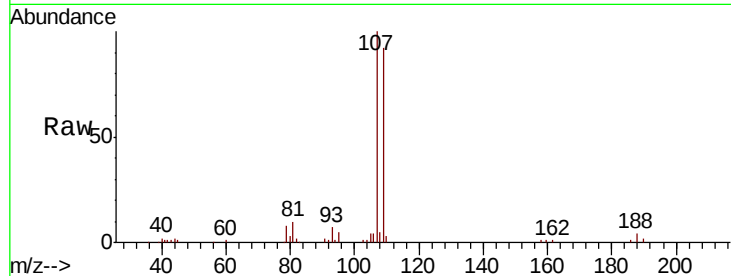




#61  
 1,2-Dibromoethane  
 Concen: 21.744 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. 0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

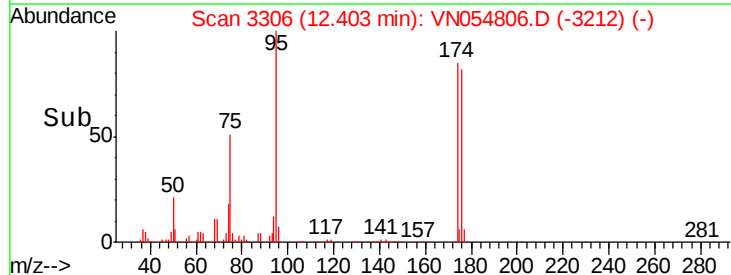
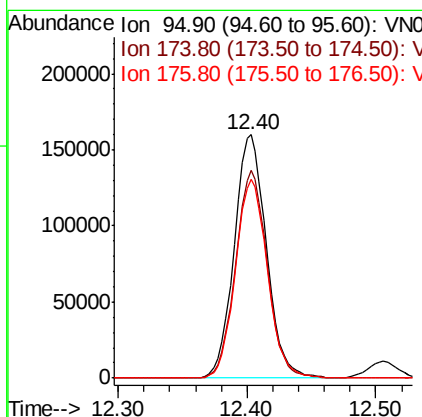
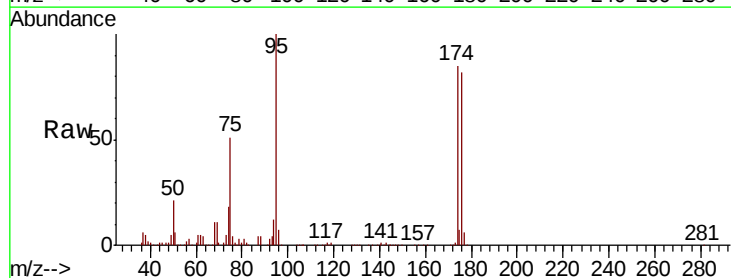
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0330WBS01

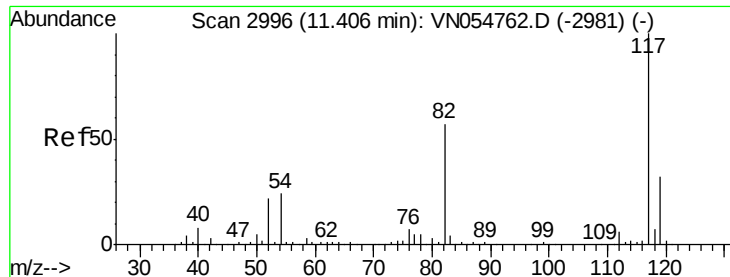
Tot Ion: 107 Resp: 87308  
 Ion Ratio Lower Upper  
 107 100  
 109 91.9 75.9 113.9



#62  
 4-Bromofluorobenzene  
 Concen: 47.138 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

Tgt Ion: 95 Resp: 276746  
 Ion Ratio Lower Upper  
 95 100  
 174 84.3 0.0 191.0  
 176 81.4 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

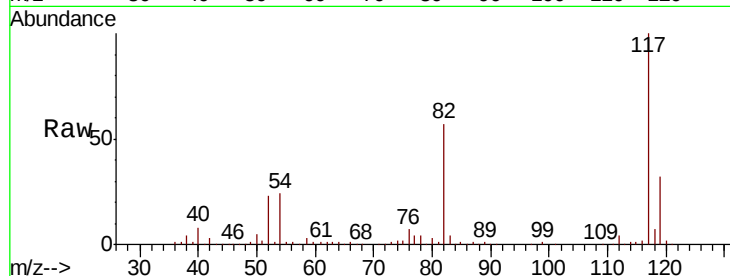
Tot Ion:117 Resp: 596940

Ion Ratio Lower Upper

117 100

82 57.2 40.0 60.0

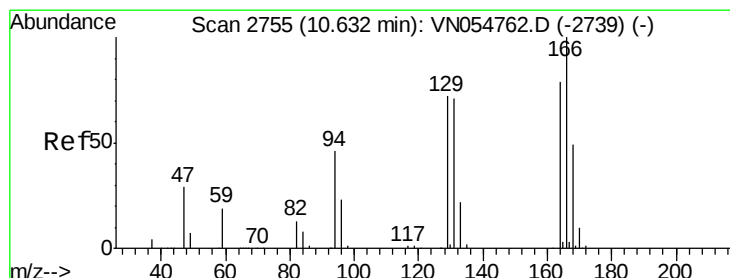
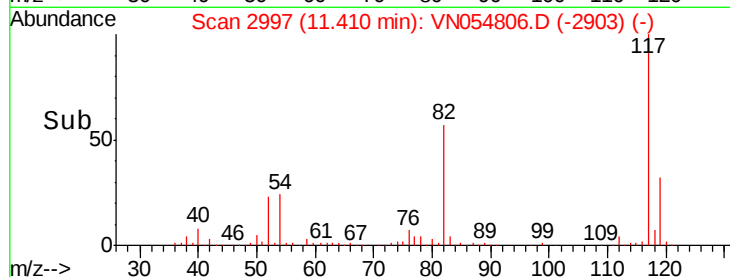
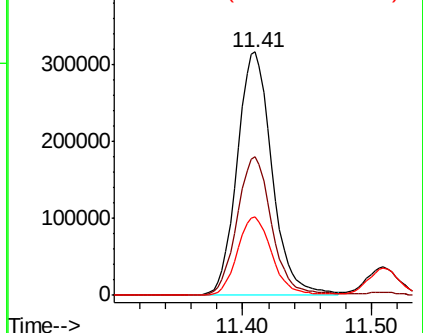
119 32.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.526 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Tgt Ion:164 Resp: 98606

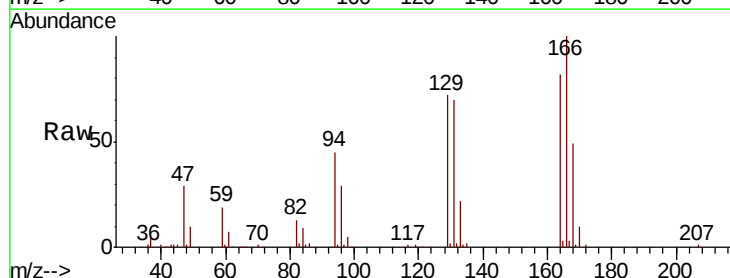
Ion Ratio Lower Upper

164 100

166 122.6 103.9 155.9

129 88.3 71.1 106.7

131 85.9 68.2 102.4

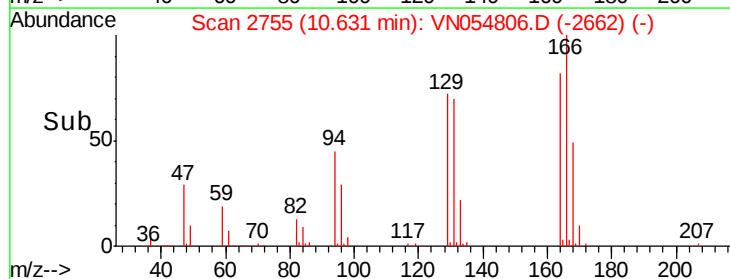
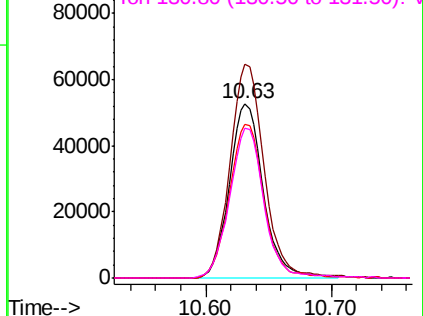


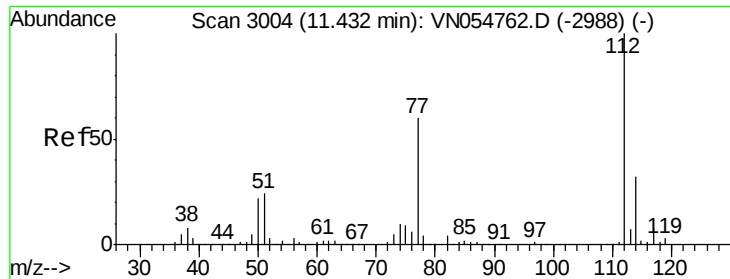
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

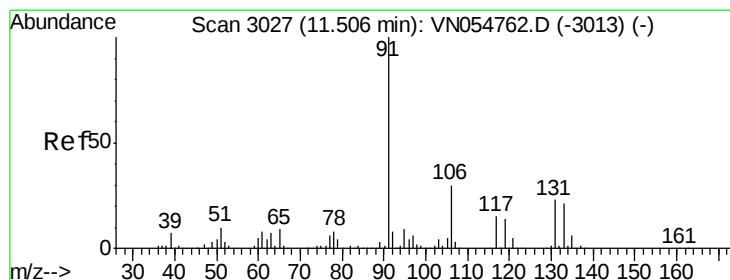
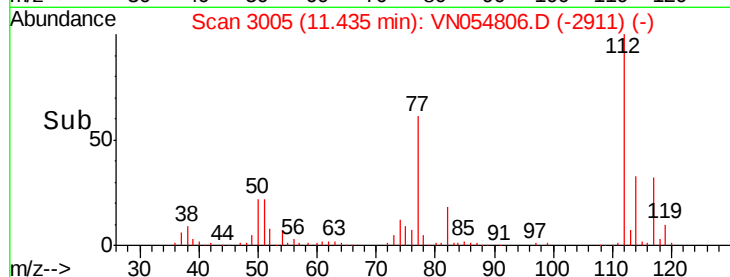
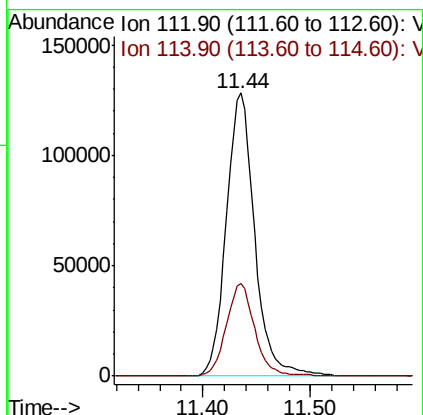
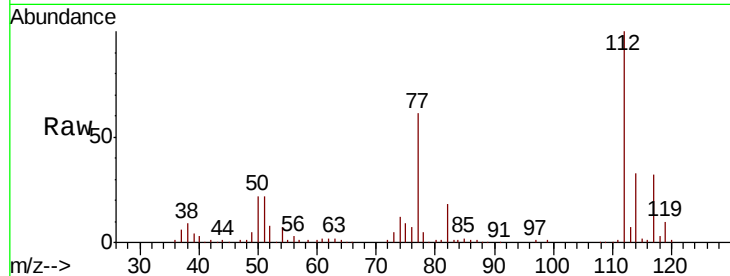




#65  
Chlorobenzene  
Concen: 20.154 ug/l  
RT: 11.44 min Scan# 3005  
Delta R.T. 0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

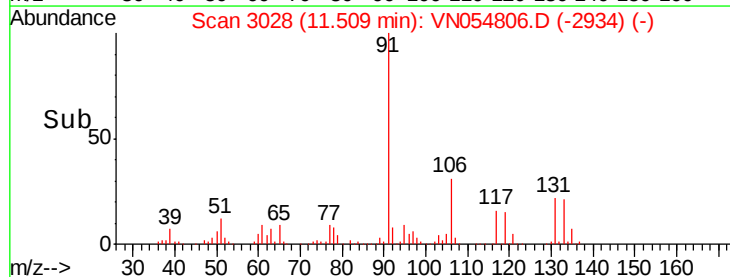
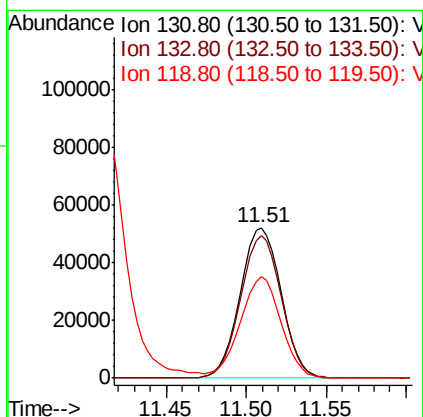
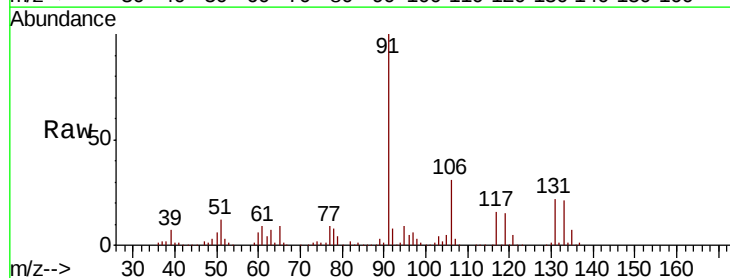
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0330WBS01

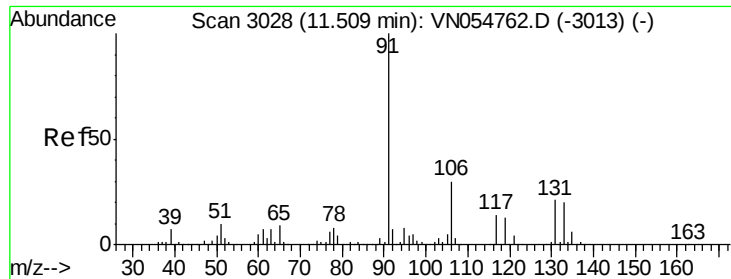
Tot Ion:112 Resp: 235553  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.874 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

Tgt Ion:131 Resp: 91313  
Ion Ratio Lower Upper  
131 100  
133 94.3 47.6 142.9  
119 67.2 32.4 97.0

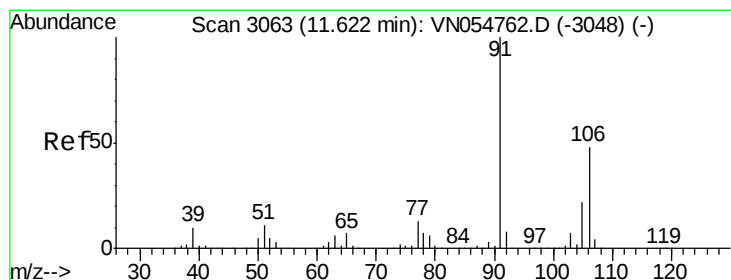
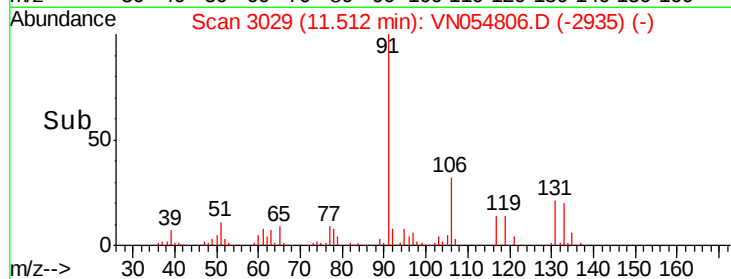
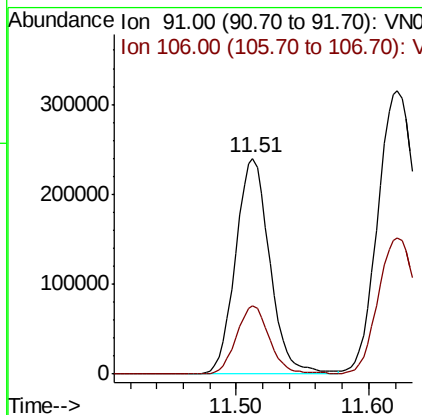
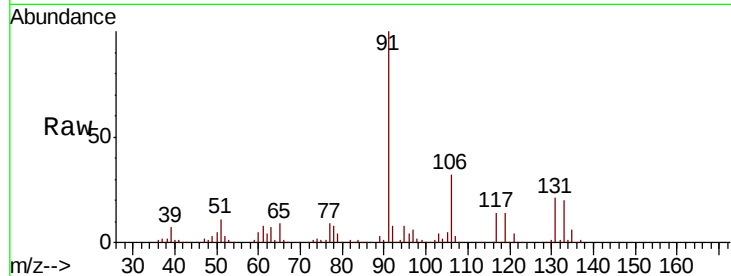




#67  
Ethyl Benzene  
Concen: 20.393 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

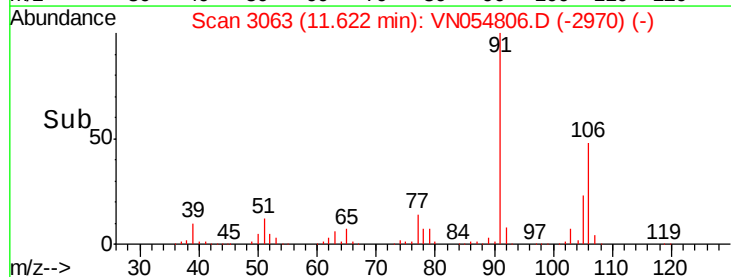
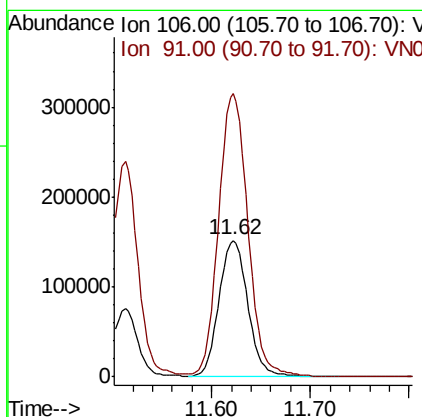
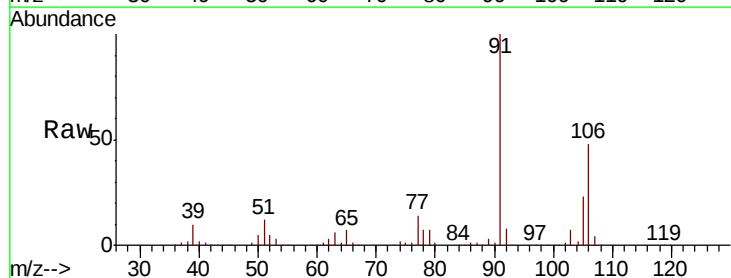
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0330WBS01

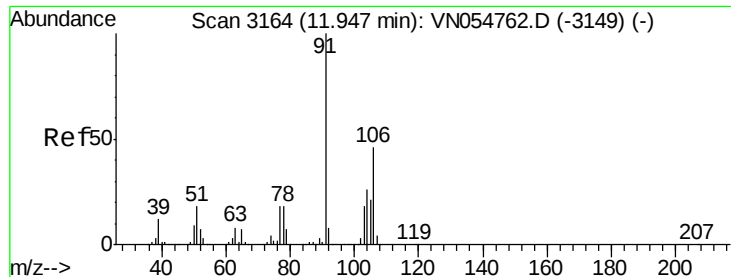
Tot Ion: 91 Resp: 430096  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.5 38.3



#68  
m/p-Xylenes  
Concen: 40.062 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. -0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

Tgt Ion: 106 Resp: 312681  
Ion Ratio Lower Upper  
106 100  
91 209.9 159.4 239.2

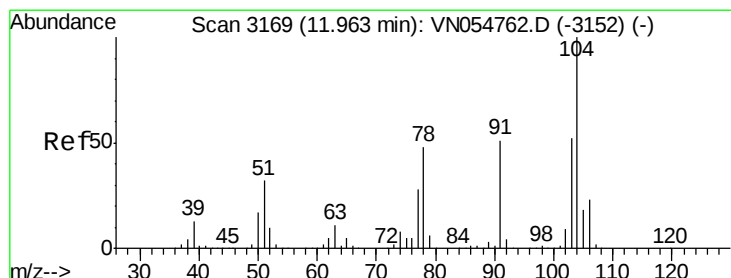
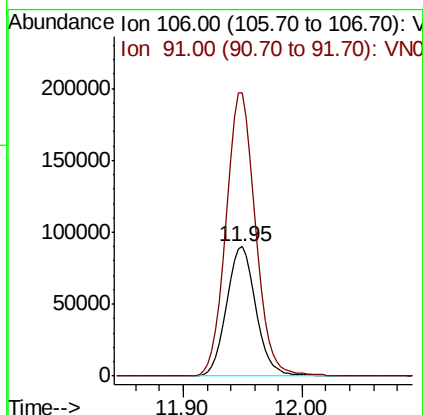
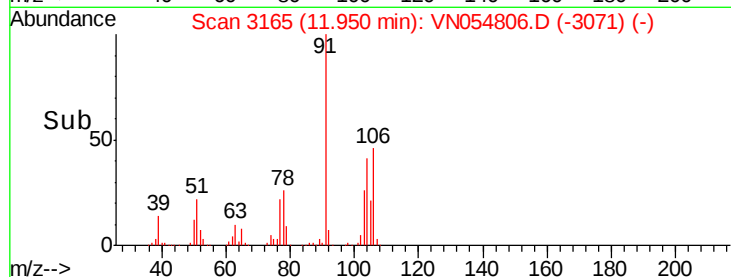
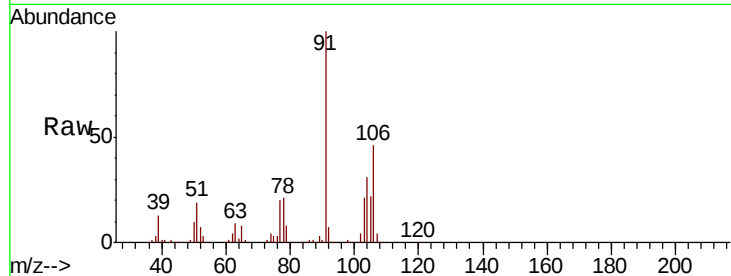




#69  
o-Xylene  
Concen: 20.194 ug/l  
RT: 11.95 min Scan# 3165  
Delta R.T. 0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

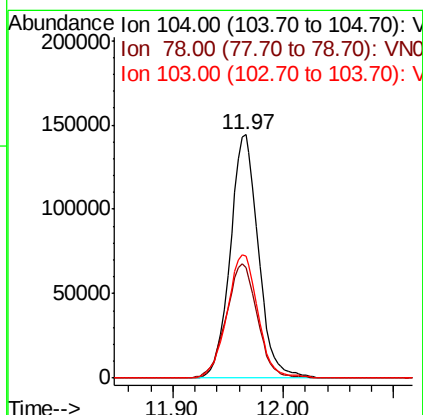
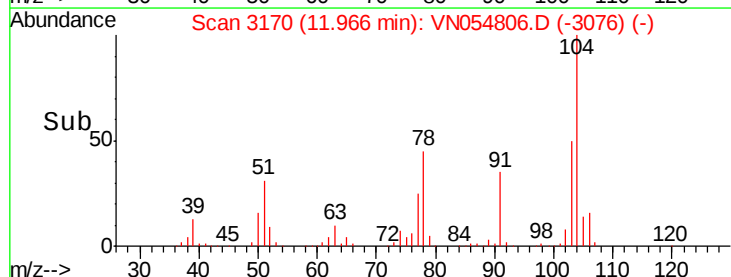
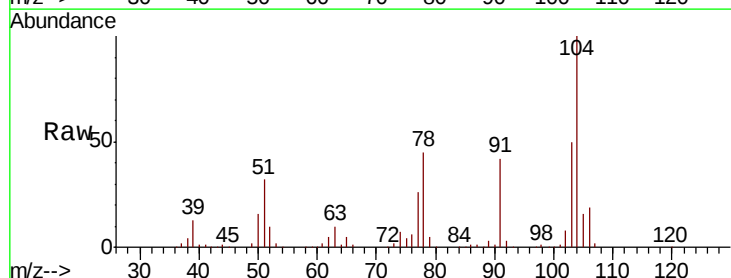
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0330WBS01

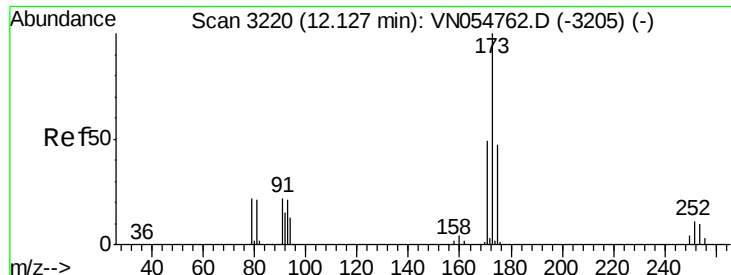
Tot Ion:106 Resp: 154554  
Ion Ratio Lower Upper  
106 100  
91 219.6 105.7 317.1



#70  
Styrene  
Concen: 20.902 ug/l  
RT: 11.97 min Scan# 3170  
Delta R.T. 0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

Tgt Ion:104 Resp: 255776  
Ion Ratio Lower Upper  
104 100  
78 52.1 38.2 57.2  
103 55.6 44.4 66.6





#71

Bromoform

Concen: 21.298 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

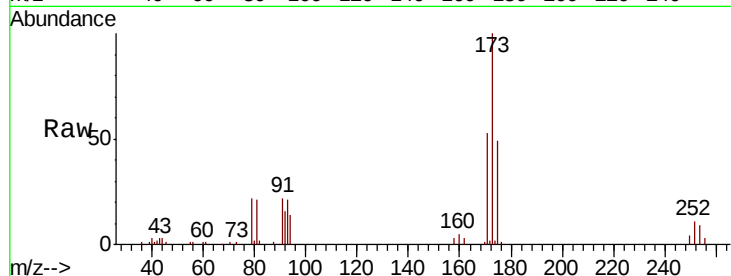
Tot Ion:173 Resp: 54582

Ion Ratio Lower Upper

173 100

175 49.4 24.4 73.2

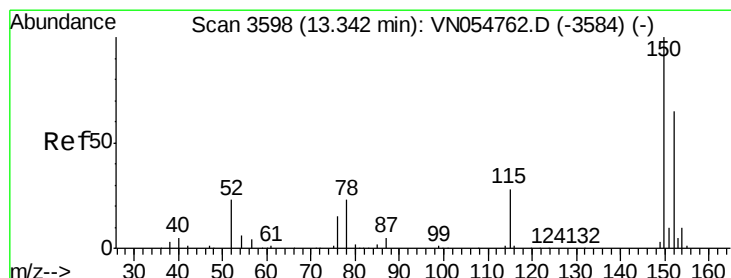
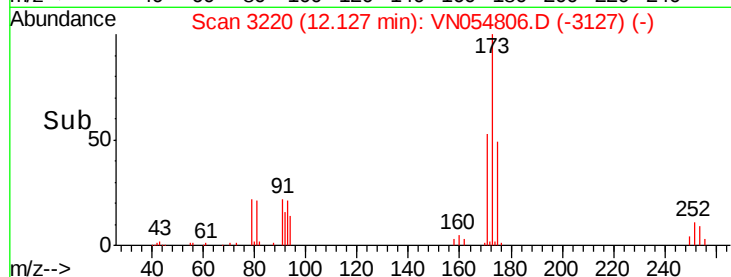
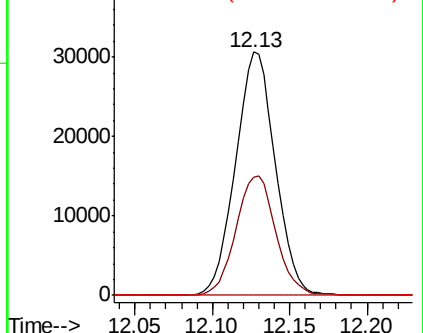
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

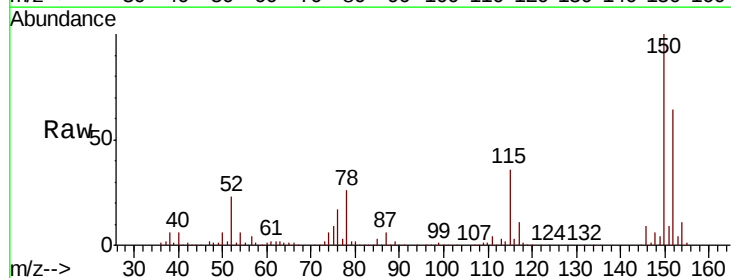
Tgt Ion:152 Resp: 247175

Ion Ratio Lower Upper

152 100

115 57.6 27.2 81.6

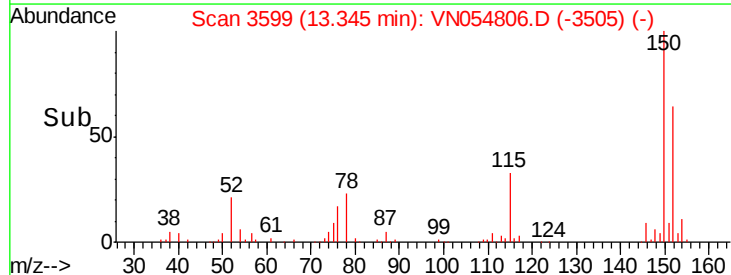
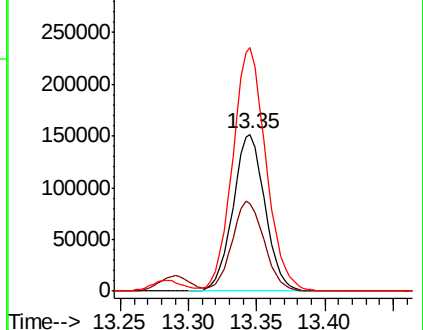
150 161.9 0.0 349.2

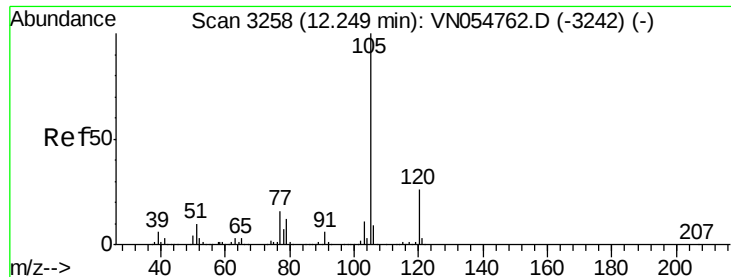


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.319 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampled :

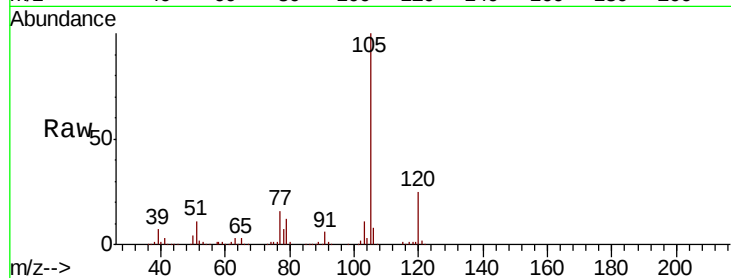
VN0330WBS01

Tot Ion:105 Resp: 410513

Ion Ratio Lower Upper

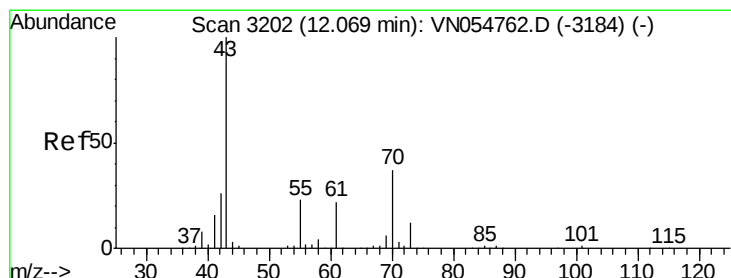
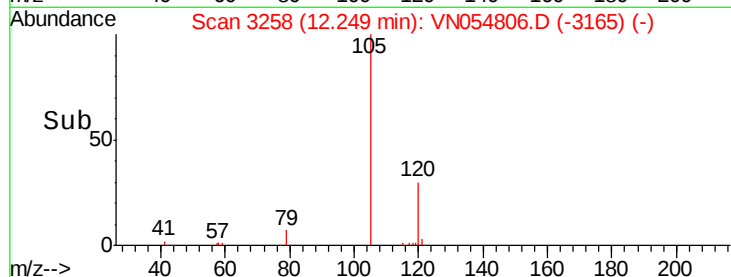
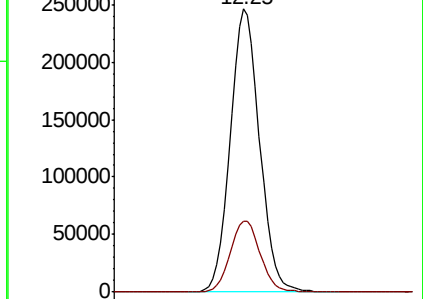
105 100

120 25.9 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.782 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Tgt Ion: 43 Resp: 137099

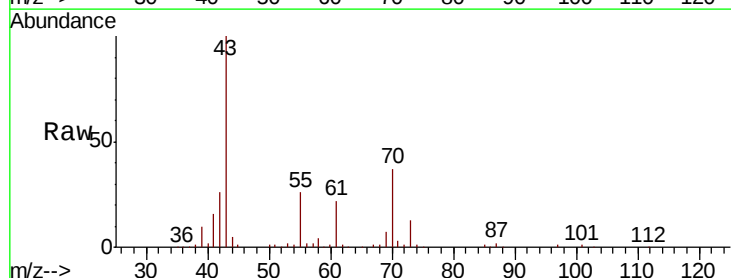
Ion Ratio Lower Upper

43 100

70 37.3 35.4 53.0

55 24.9 19.8 29.6

61 21.8 19.8 29.6

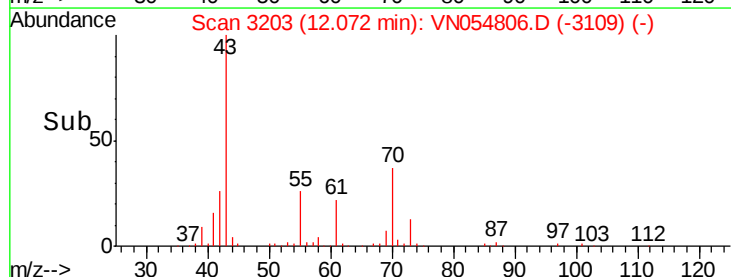
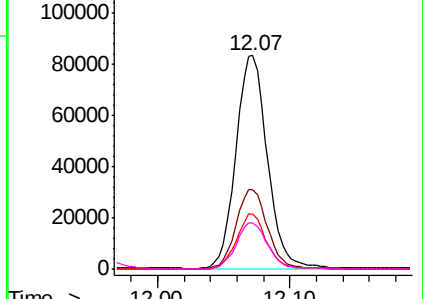


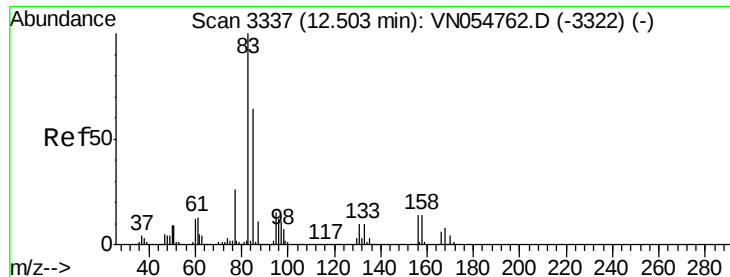
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 24.488 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

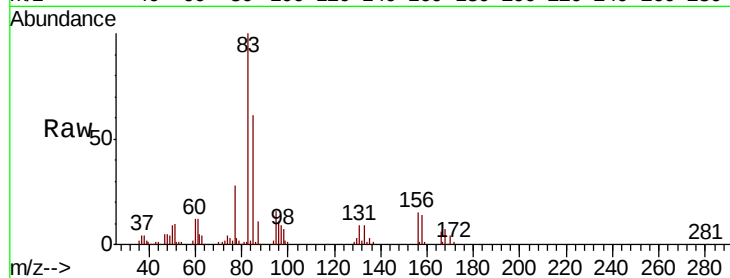
Tot Ion: 83 Resp: 112952

Ion Ratio Lower Upper

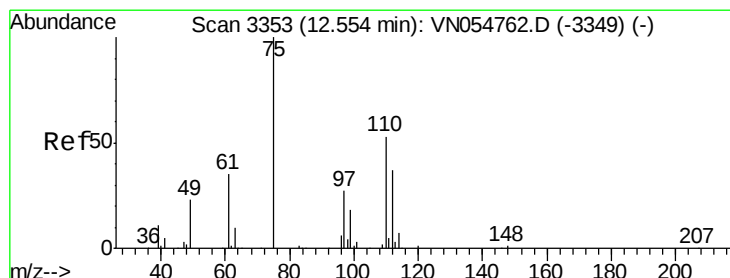
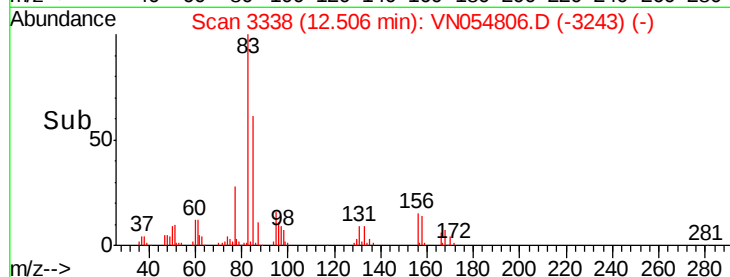
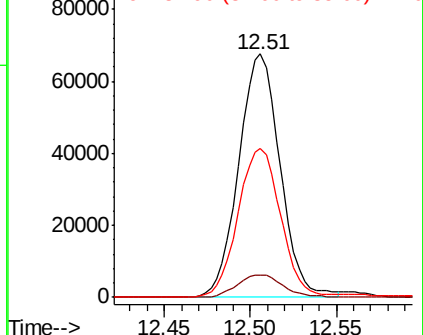
83 100

131 10.2 5.8 17.4

85 62.8 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 29.810 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN054806.D

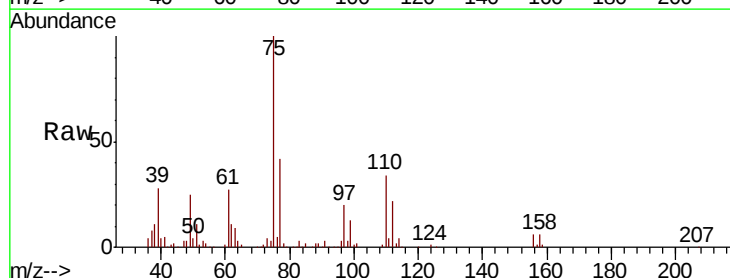
Acq: 30 Mar 2019 16:52

Tgt Ion: 75 Resp: 128005

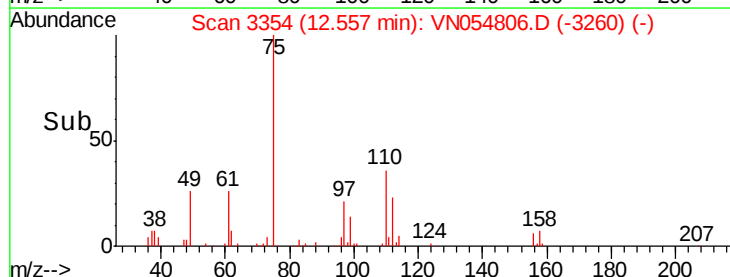
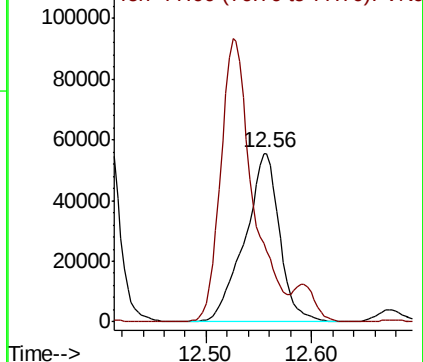
Ion Ratio Lower Upper

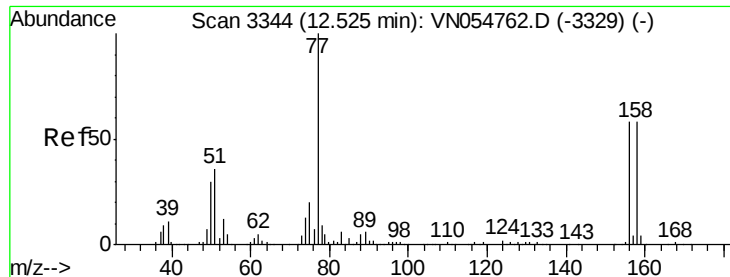
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0  
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.866 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

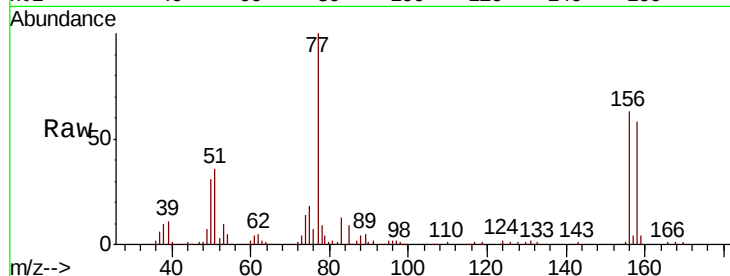
Tot Ion:156 Resp: 101739

Ion Ratio Lower Upper

156 100

77 193.3 81.5 244.4

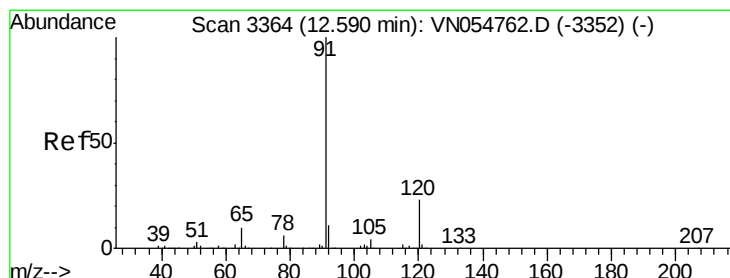
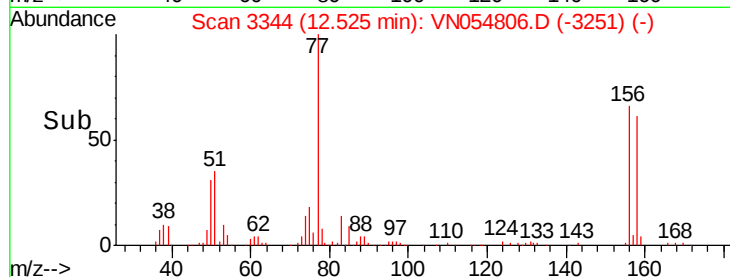
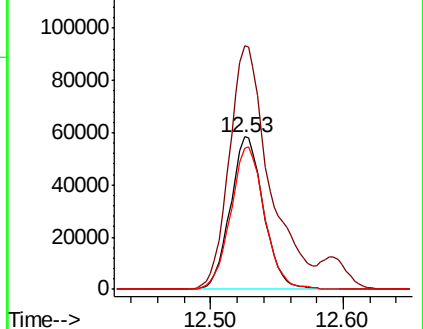
158 95.2 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.854 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054806.D

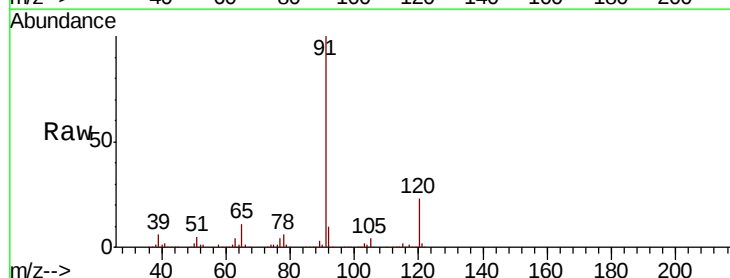
Acq: 30 Mar 2019 16:52

Tgt Ion: 91 Resp: 440871

Ion Ratio Lower Upper

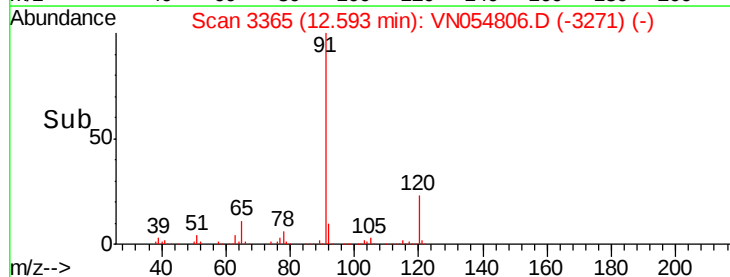
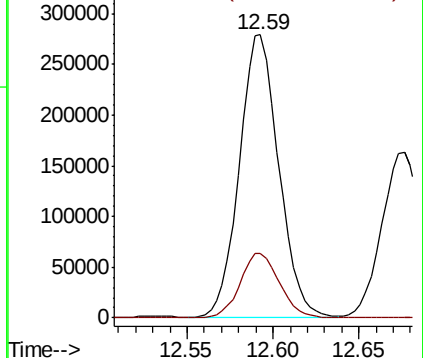
91 100

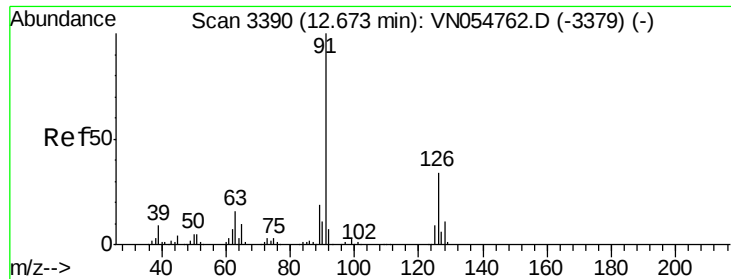
120 22.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

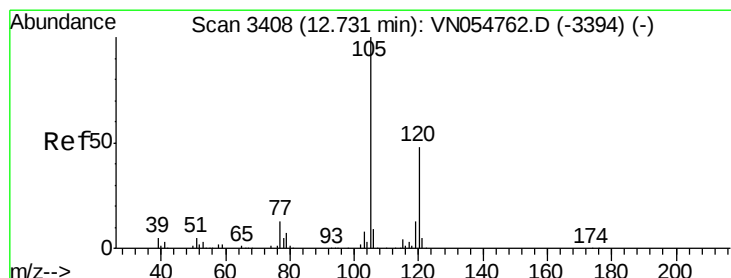
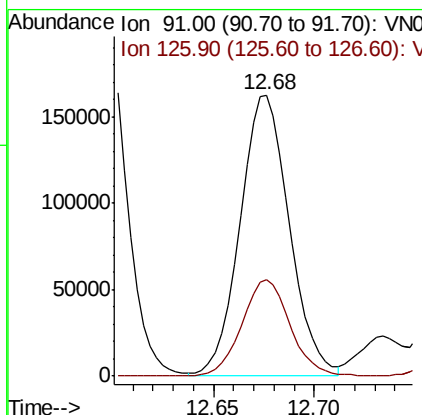
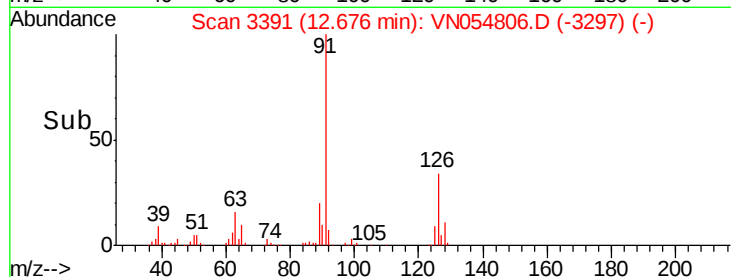
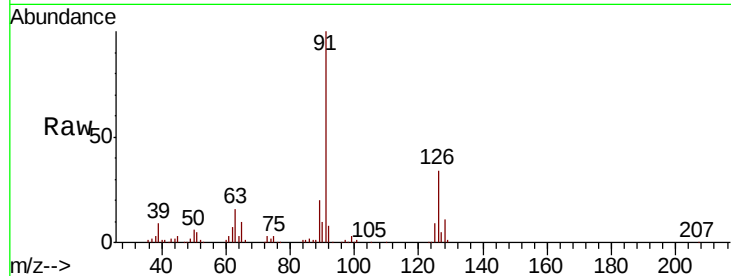




#79  
 2-Chlorotoluene  
 Concen: 20.065 ug/l  
 RT: 12.68 min Scan# 3391  
 Delta R.T. 0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

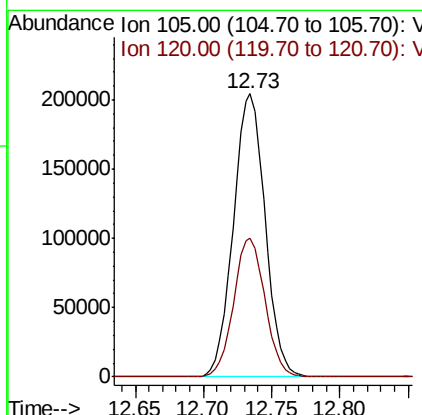
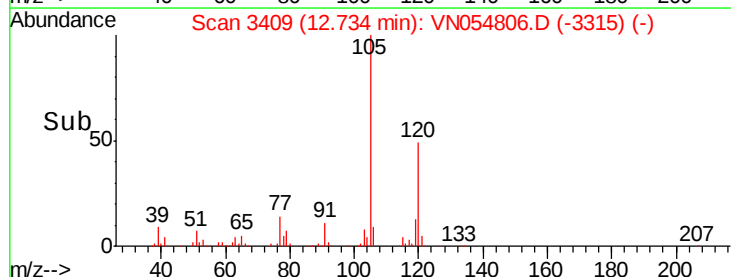
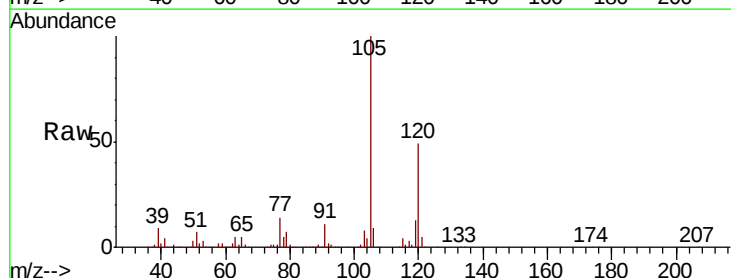
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0330WBS01

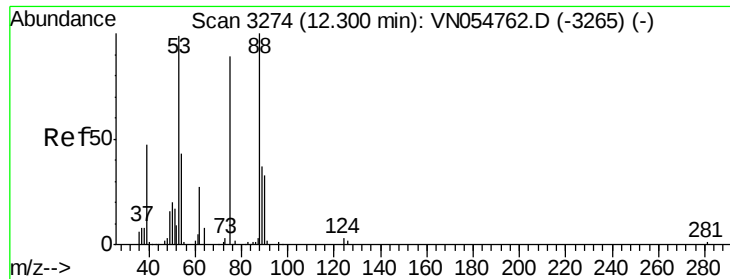
Tot Ion: 91 Resp: 275652  
 Ion Ratio Lower Upper  
 91 100  
 126 34.0 18.7 56.1



#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.896 ug/l  
 RT: 12.73 min Scan# 3409  
 Delta R.T. 0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

Tgt Ion: 105 Resp: 329814  
 Ion Ratio Lower Upper  
 105 100  
 120 48.4 25.0 75.0

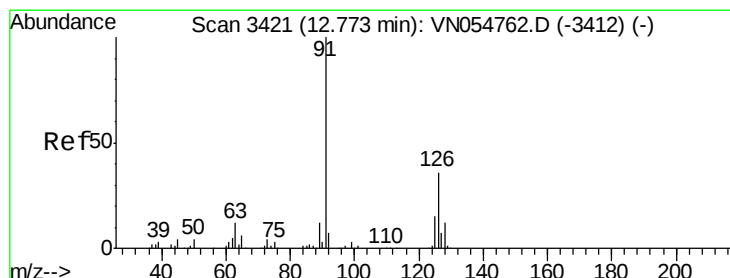
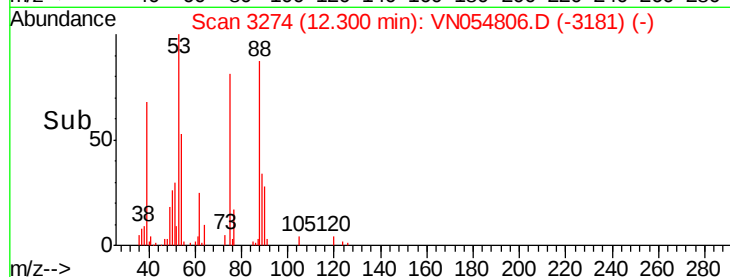
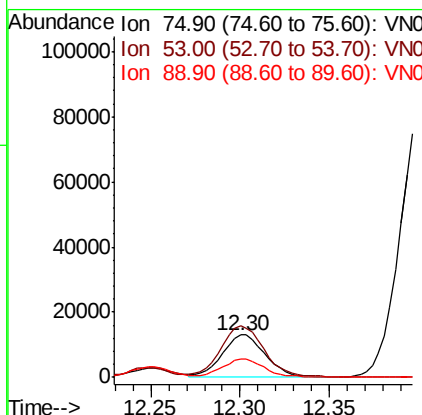
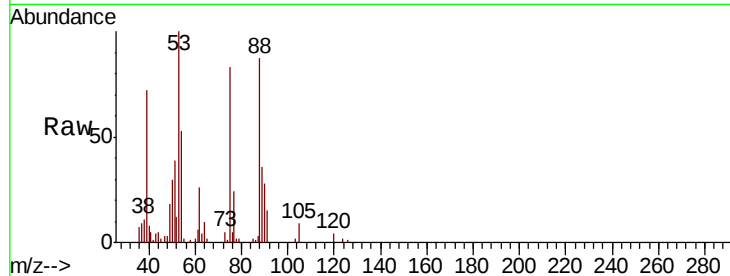




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.044 ug/l  
RT: 12.30 min Scan# 3274  
Delta R.T. -0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

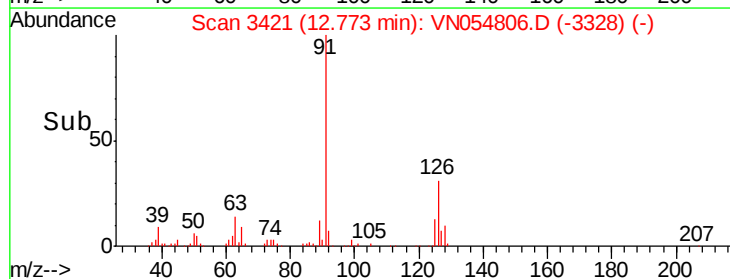
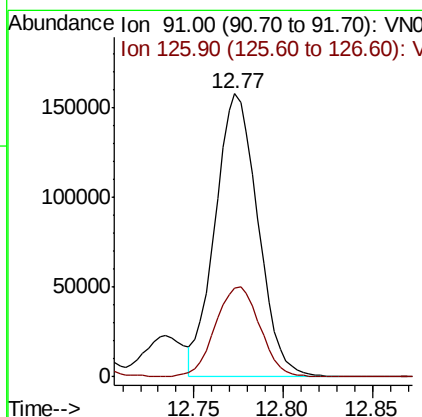
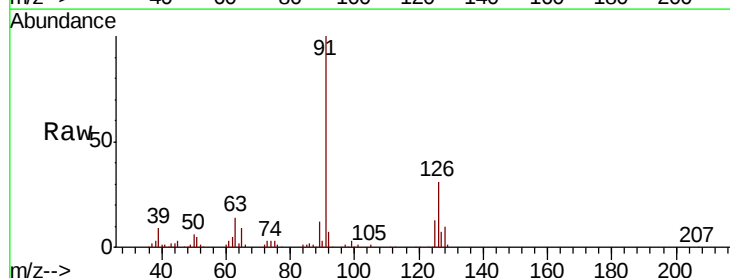
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

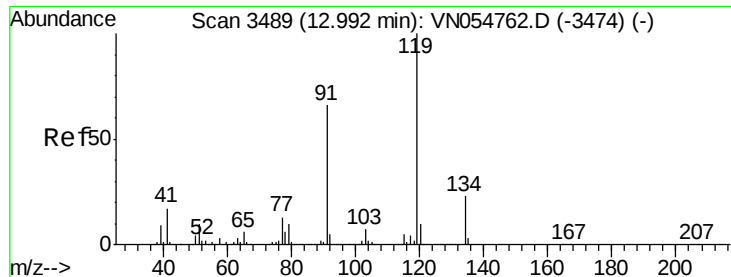
Tot Ion: 75 Resp: 22127  
Ion Ratio Lower Upper  
75 100  
53 123.2 76.2 114.2#  
89 42.1 39.2 58.8



#82  
4-Chlorotoluene  
Concen: 19.535 ug/l  
RT: 12.77 min Scan# 3421  
Delta R.T. -0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

Tgt Ion: 91 Resp: 260664  
Ion Ratio Lower Upper  
91 100  
126 33.5 18.1 54.1

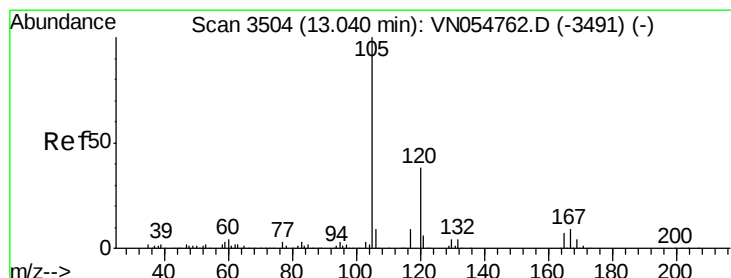
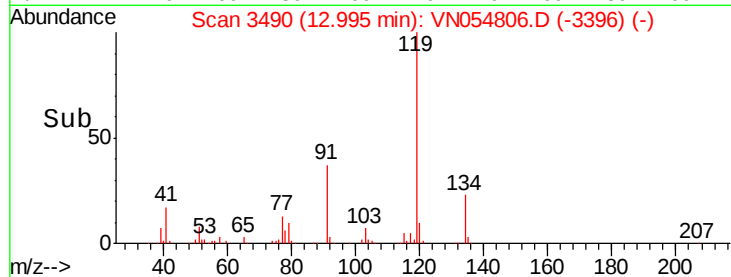
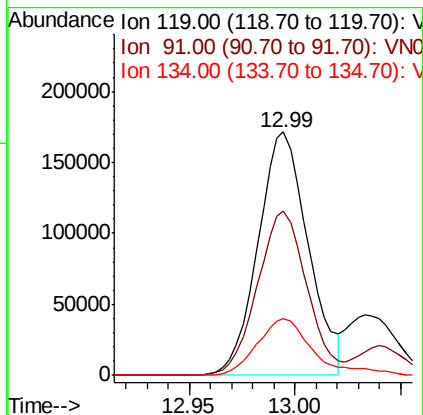
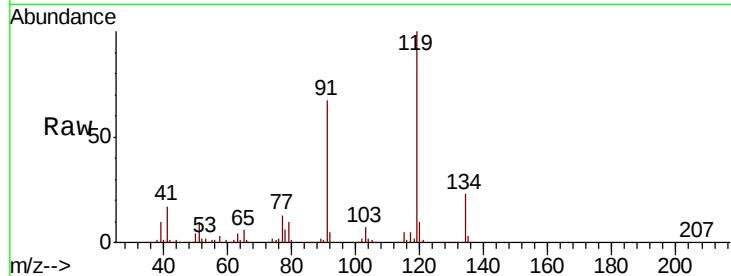




#83  
tert-Butylbenzene  
Concen: 20.904 ug/l  
RT: 12.99 min Scan# 3490  
Delta R.T. 0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

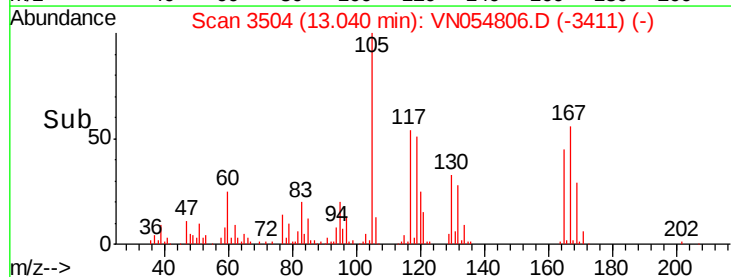
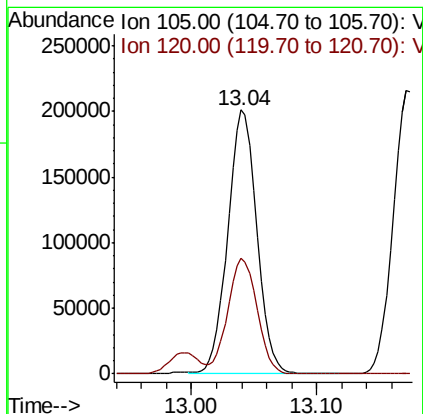
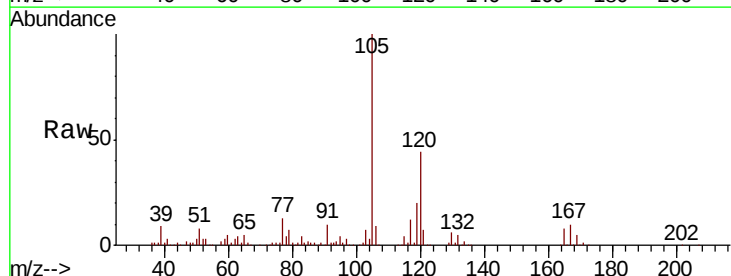
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0330WBS01

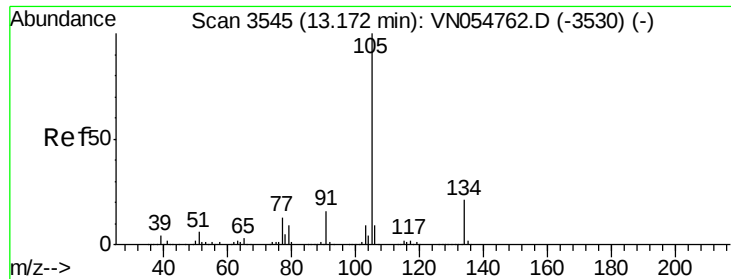
Tot Ion:119 Resp: 284096  
Ion Ratio Lower Upper  
119 100  
91 66.8 30.9 92.8  
134 26.2 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 20.464 ug/l  
RT: 13.04 min Scan# 3504  
Delta R.T. -0.00 min  
Lab File: VN054806.D  
Acq: 30 Mar 2019 16:52

Tgt Ion:105 Resp: 323185  
Ion Ratio Lower Upper  
105 100  
120 44.0 23.4 70.3





#85

sec-Butylbenzene

Concen: 19.864 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

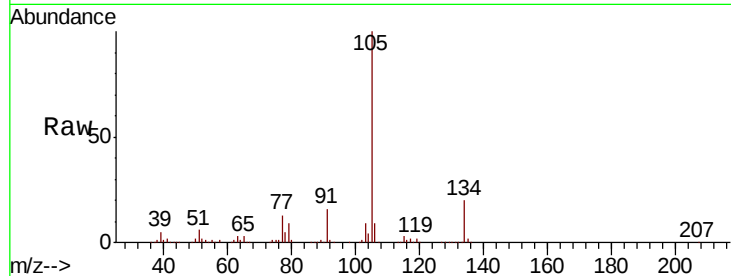
VN0330WBS01

Tot Ion:105 Resp: 357721

Ion Ratio Lower Upper

105 100

134 19.1 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

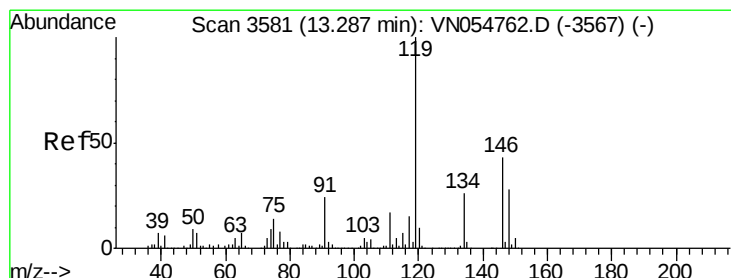
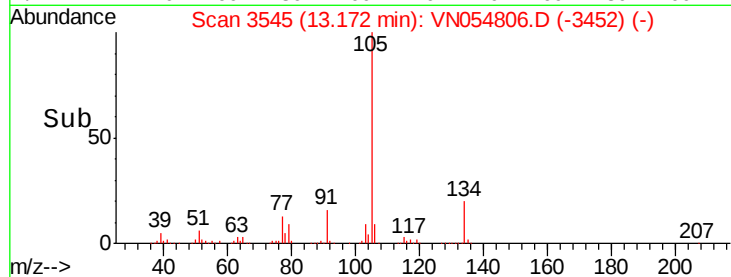
50000

0

13.10

13.20

Time-->



#86

p-Isopropyltoluene

Concen: 19.277 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

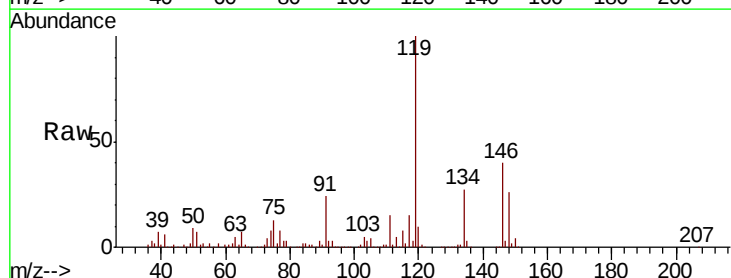
Tgt Ion:119 Resp: 306170

Ion Ratio Lower Upper

119 100

134 26.5 13.6 40.8

91 23.9 11.1 33.3



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

250000

200000

150000

100000

50000

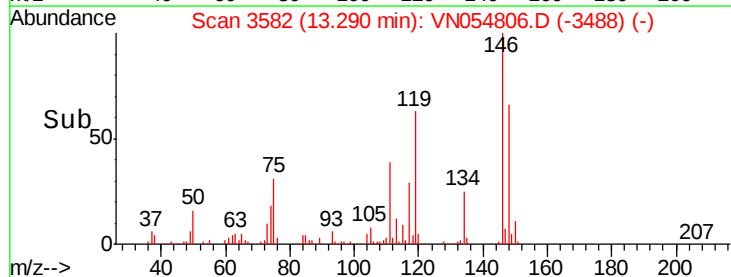
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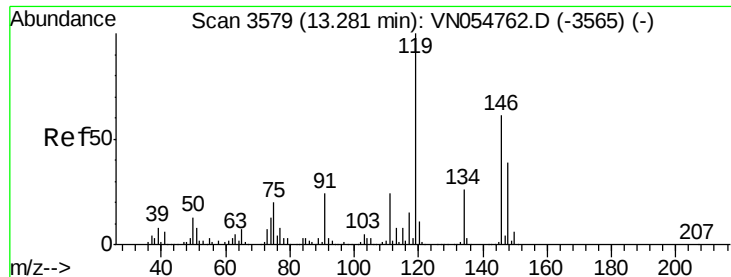
13.25

13.30

13.35

Time-->

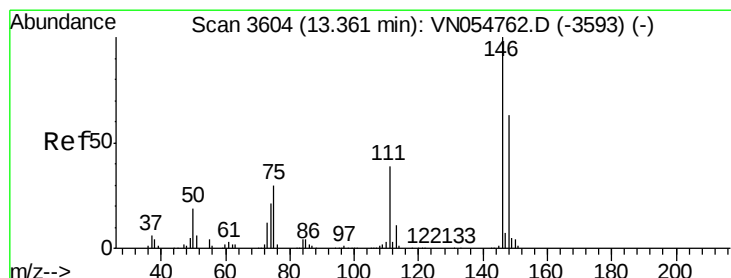
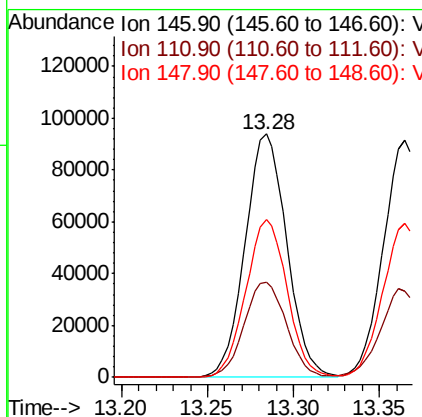
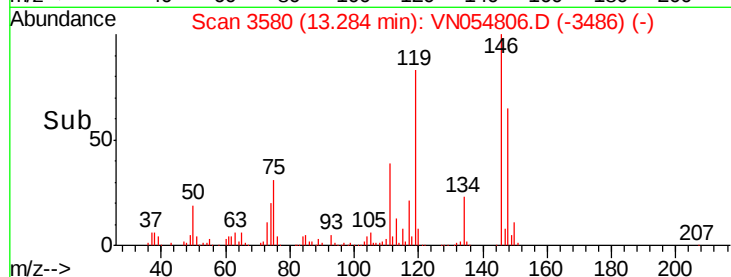
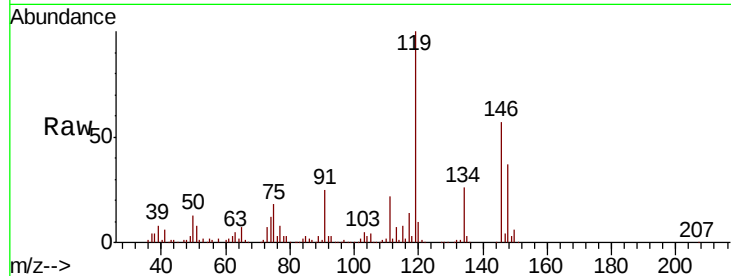




#87  
 1,3-Dichlorobenzene  
 Concen: 19.382 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

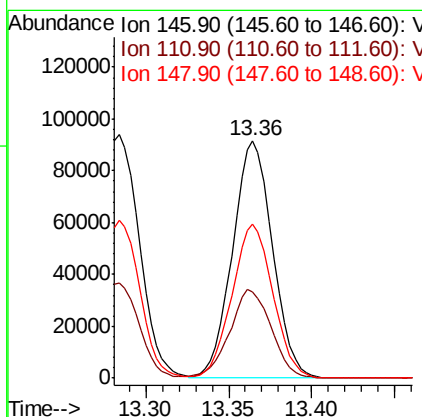
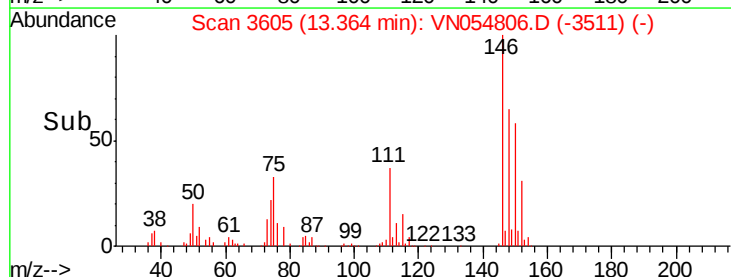
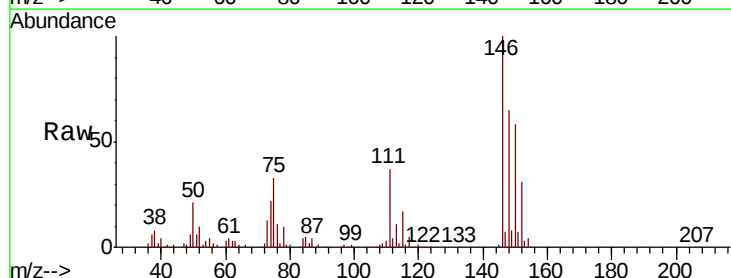
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0330WBS01

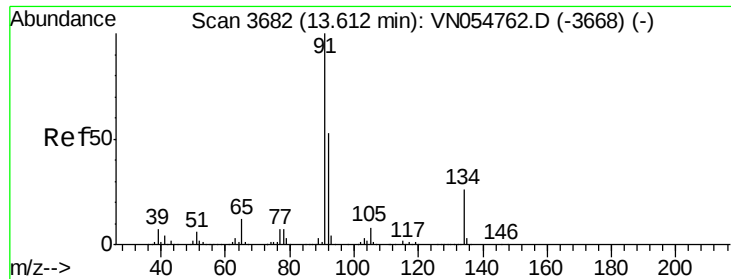
Tot Ion:146 Resp: 158225  
 Ion Ratio Lower Upper  
 146 100  
 111 39.8 18.8 56.3  
 148 64.1 32.2 96.6



#88  
 1,4-Dichlorobenzene  
 Concen: 19.193 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

Tgt Ion:146 Resp: 153674  
 Ion Ratio Lower Upper  
 146 100  
 111 38.5 18.1 54.1  
 148 66.2 32.0 96.0





#89

n-Butylbenzene

Concen: 17.959 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

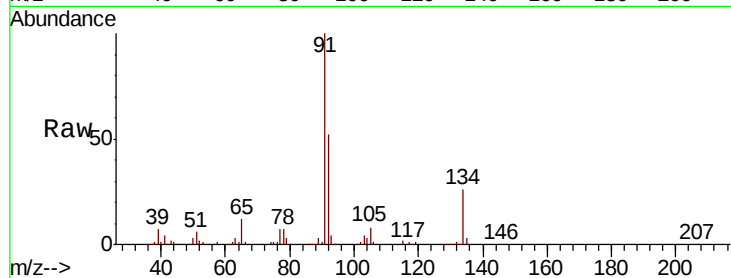
Tot Ion: 91 Resp: 232720

Ion Ratio Lower Upper

91 100

92 51.6 26.2 78.6

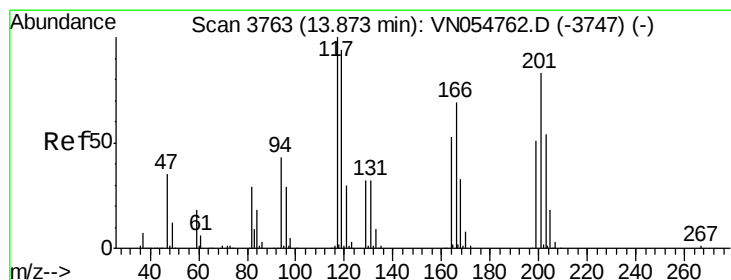
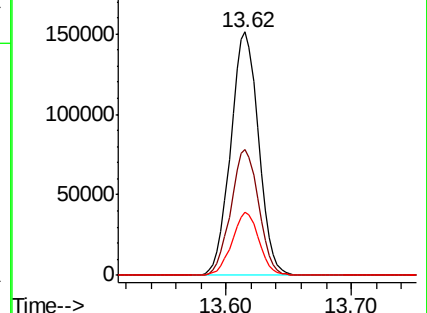
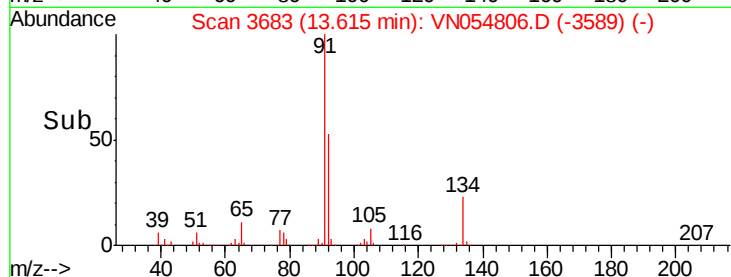
134 25.1 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.990 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN054806.D

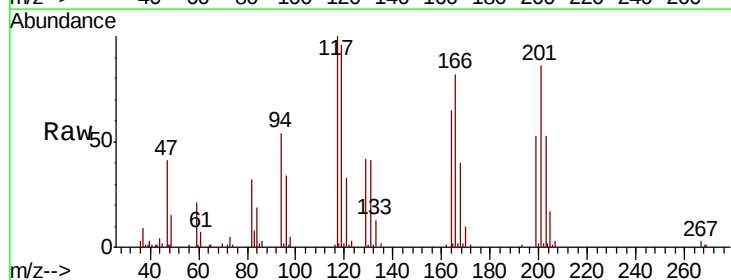
Acq: 30 Mar 2019 16:52

Tgt Ion: 117 Resp: 51211

Ion Ratio Lower Upper

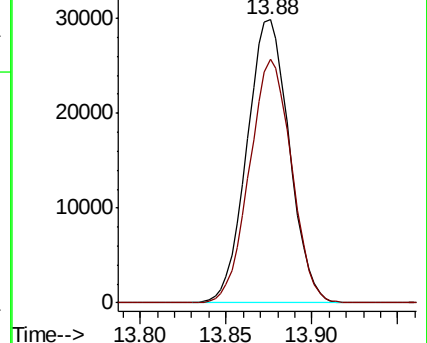
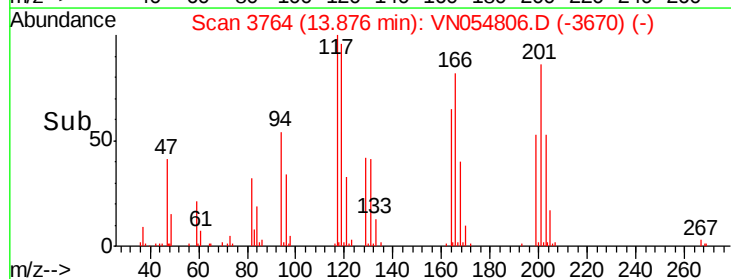
117 100

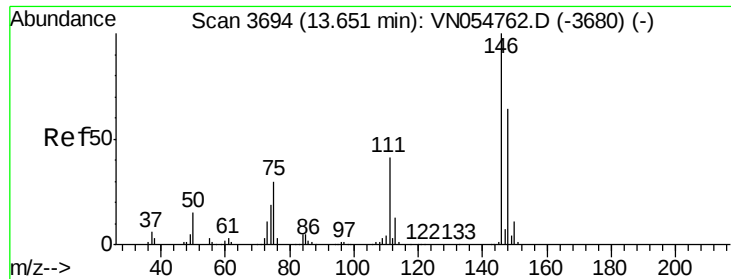
201 85.2 48.1 144.4



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

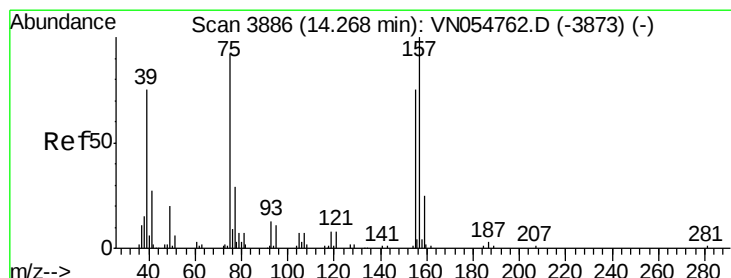
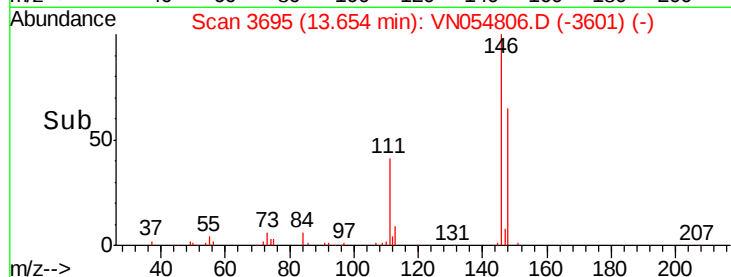
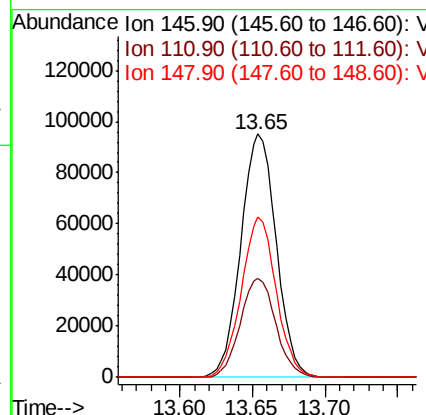
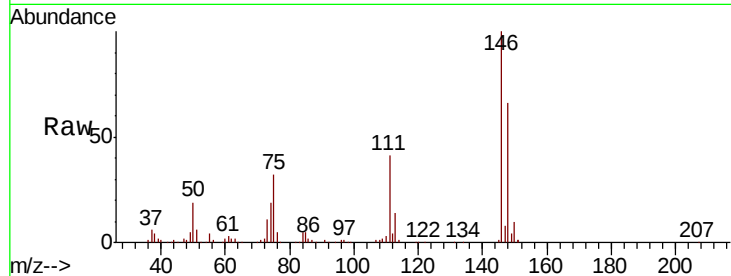




#91  
 1,2-Dichlorobenzene  
 Concen: 19.571 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

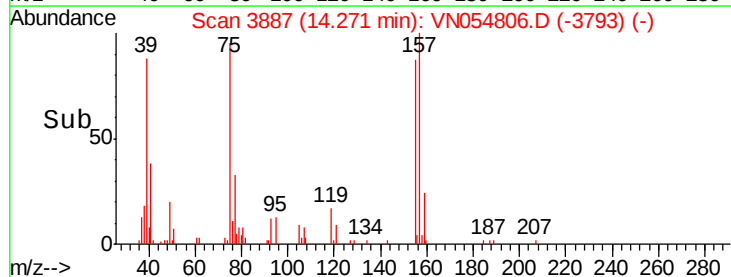
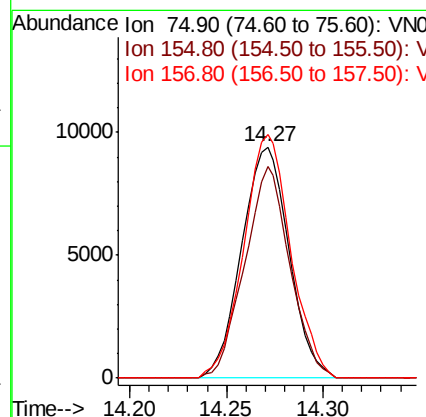
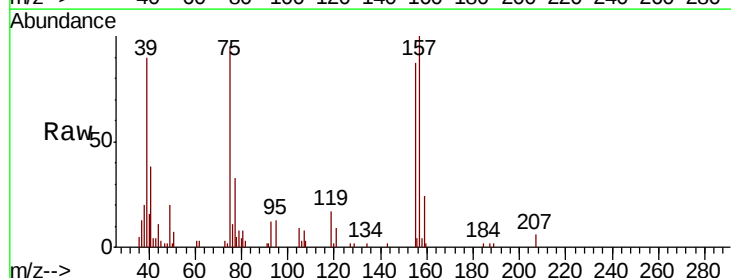
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0330WBS01

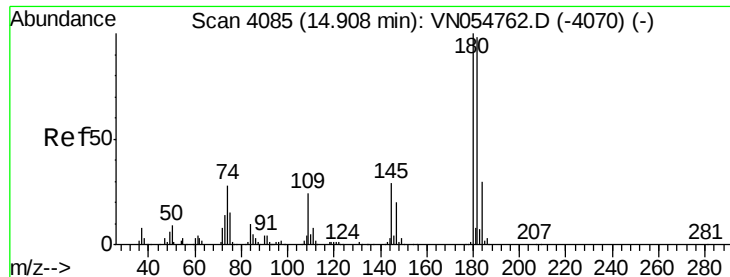
Tot Ion:146 Resp: 161239  
 Ion Ratio Lower Upper  
 146 100  
 111 40.8 19.1 57.3  
 148 65.0 32.4 97.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 23.240 ug/l  
 RT: 14.27 min Scan# 3887  
 Delta R.T. 0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

Tgt Ion: 75 Resp: 16051  
 Ion Ratio Lower Upper  
 75 100  
 155 87.1 50.1 150.3  
 157 104.5 63.1 189.3

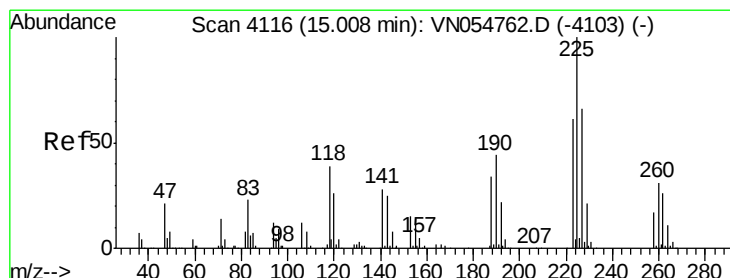
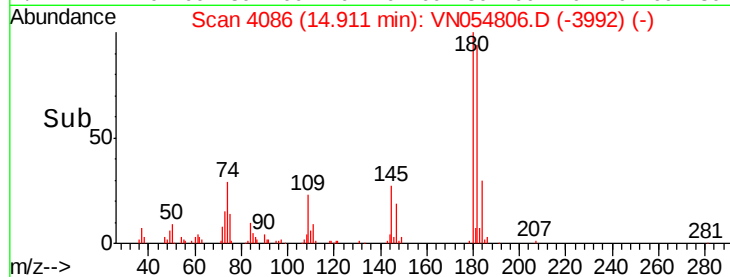
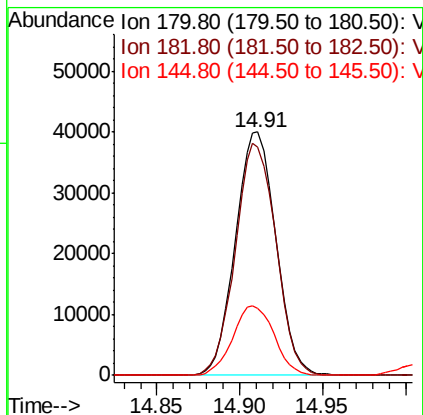
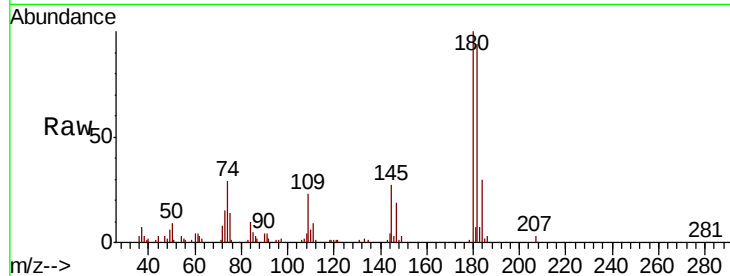




#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.128 ug/l  
 RT: 14.91 min Scan# 4086  
 Delta R.T. 0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

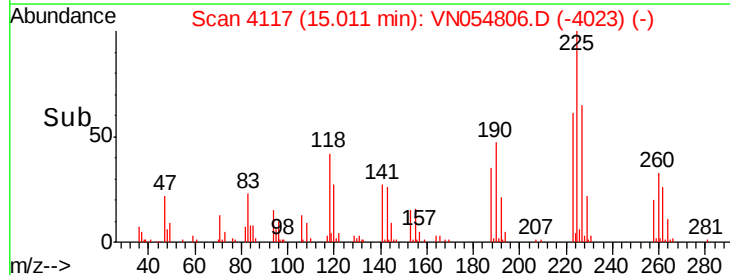
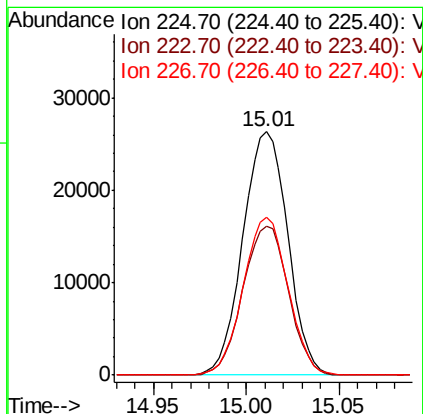
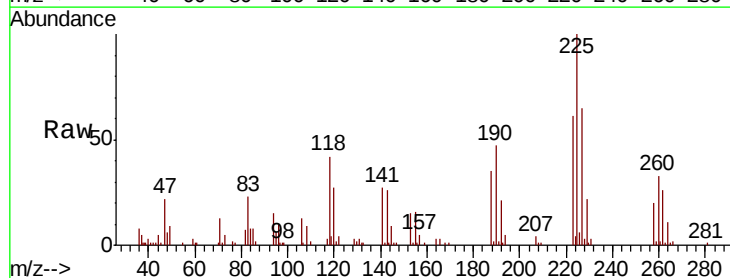
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0330WBS01

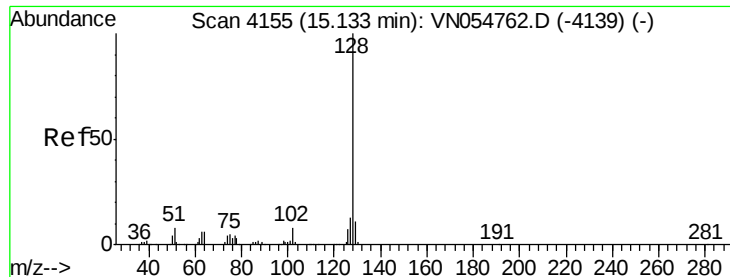
Tot Ion:180 Resp: 68032  
 Ion Ratio Lower Upper  
 180 100  
 182 95.4 48.0 144.2  
 145 29.1 14.2 42.8



#94  
 Hexachlorobutadiene  
 Concen: 17.410 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN054806.D  
 Acq: 30 Mar 2019 16:52

Tgt Ion:225 Resp: 44178  
 Ion Ratio Lower Upper  
 225 100  
 223 62.2 31.1 93.5  
 227 64.7 31.9 95.9





#95

Naphthalene

Concen: 19.169 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

Instrument :

MSVOA\_N

ClientSampled :

VN0330WBS01

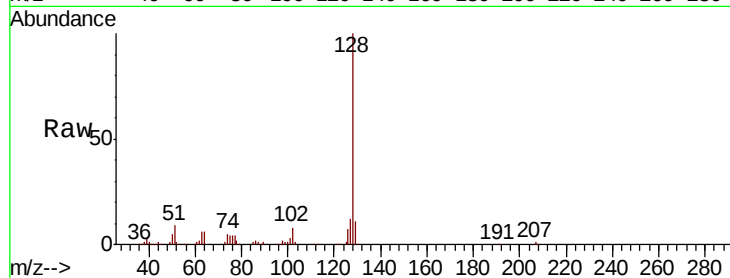
Tot Ion:128 Resp: 170769

Ion Ratio Lower Upper

128 100

127 12.3 10.1 15.1

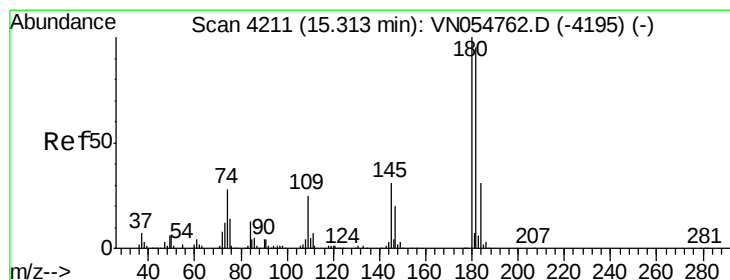
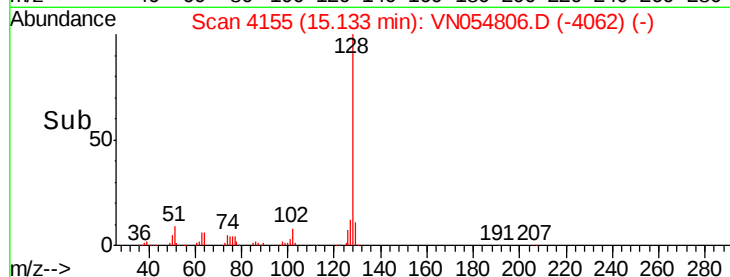
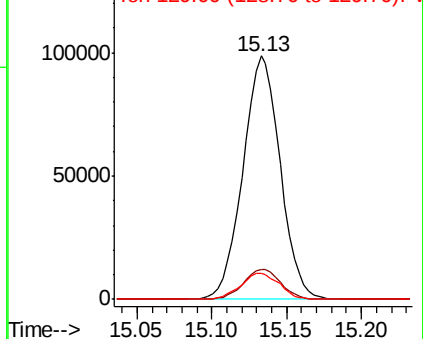
129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.999 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN054806.D

Acq: 30 Mar 2019 16:52

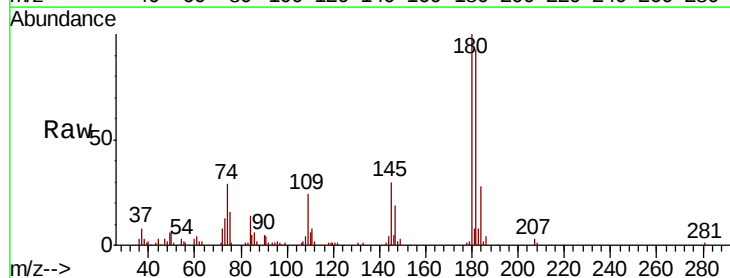
Tgt Ion:180 Resp: 72203

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.6

145 31.2 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

