

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090418\  
 Data File : VN051006.D  
 Acq On : 4 Sep 2018 9:37  
 Operator : MD\SY  
 Sample : VN0904WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0904WBS01

Quant Time: Sep 05 01:06:22 2018  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082118W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 22 05:38:12 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 607970   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 861370   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 760063   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 354742   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 355315   | 48.55 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.10%  |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 346181   | 50.52 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.04% |      |
| 50) Toluene-d8            | 10.09  | 98  | 1276804  | 49.84 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.68%  |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 395958   | 46.51 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.02%  |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 146940  | 18.06  | ug/l | 99     |
| 3) Chloromethane              | 2.06 | 50  | 165677  | 16.51  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.18 | 62  | 167615  | 17.63  | ug/l | 99     |
| 5) Bromomethane               | 2.56 | 94  | 93480   | 16.59  | ug/l | 94     |
| 6) Chloroethane               | 2.70 | 64  | 99658   | 18.14  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.01 | 101 | 230842  | 18.96  | ug/l | 99     |
| 8) Diethyl Ether              | 3.41 | 74  | 76686   | 18.53  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 145945  | 19.19  | ug/l | 99     |
| 10) Methyl Iodide             | 3.95 | 142 | 87531   | 17.79  | ug/l | 97     |
| 11) Tert butyl alcohol        | 4.79 | 59  | 40372   | 86.62  | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.74 | 96  | 128439  | 18.81  | ug/l | 96     |
| 13) Acrolein                  | 3.61 | 56  | 25037   | 103.32 | ug/l | 99     |
| 14) Allyl chloride            | 4.33 | 41  | 195978  | 18.42  | ug/l | 99     |
| 15) Acrylonitrile             | 4.99 | 53  | 218561  | 92.27  | ug/l | 99     |
| 16) Acetone                   | 3.82 | 43  | 173924  | 96.00  | ug/l | 99     |
| 17) Carbon Disulfide          | 4.05 | 76  | 362664  | 15.84  | ug/l | 99     |
| 18) Methyl Acetate            | 4.33 | 43  | 150212  | 21.73  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 330341  | 19.23  | ug/l | 100    |
| 20) Methylene Chloride        | 4.55 | 84  | 146940  | 17.81  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.05 | 96  | 135094  | 18.29  | ug/l | 99     |
| 22) Diisopropyl ether         | 5.96 | 45  | 424724  | 20.03  | ug/l | 98     |
| 23) Vinyl Acetate             | 5.90 | 43  | 1205449 | 88.27  | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 261353  | 19.20  | ug/l | 99     |
| 25) 2-Butanone                | 6.84 | 43  | 241709  | 81.95  | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 6.83 | 77  | 208015  | 19.02  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 152184  | 19.11  | ug/l | 99     |
| 28) Bromochloromethane        | 7.20 | 49  | 113663  | 19.65  | ug/l | 100    |
| 29) Tetrahydrofuran           | 7.22 | 42  | 155972  | 92.23  | ug/l | 99     |
| 30) Chloroform                | 7.37 | 83  | 263636  | 19.56  | ug/l | 97     |
| 31) Cyclohexane               | 7.66 | 56  | 222394  | 18.27  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 220710  | 19.06  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 7.80 | 75  | 190202  | 18.71  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.93 | 43  | 104600  | 17.91  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.78 | 117 | 199908  | 19.46  | ug/l | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090418\  
 Data File : VN051006.D  
 Acq On : 4 Sep 2018 9:37  
 Operator : MD\SY  
 Sample : VN0904WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0904WBS01

Quant Time: Sep 05 01:06:22 2018  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082118W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 22 05:38:12 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 198922   | 18.09  | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 593405   | 19.36  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 58445    | 18.50  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 175521   | 19.15  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 192050   | 19.13  | ug/l   | 97       |
| 44) Trichloroethene            | 8.84  | 130  | 156999   | 19.42  | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 157059   | 19.50  | ug/l   | 99       |
| 46) Dibromomethane             | 9.21  | 93   | 89677    | 18.95  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.40  | 83   | 197249   | 19.90  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.20  | 41   | 90821    | 17.75  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 24656    | 353.50 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 524938   | 87.62  | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 355892   | 19.60  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 178655   | 18.10  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 218416   | 19.33  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 130336   | 19.34  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 139428   | 17.51  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 216633   | 19.48  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 282740   | 82.52  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 323569   | 81.13  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.90 | 129  | 145810   | 19.32  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 121043   | 18.57  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 142444   | 19.73  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.43 | 112  | 385772   | 19.42  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 148453   | 20.42  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 621191   | 19.23  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 489564   | 39.93  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 233067   | 19.78  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 361113   | 18.21  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 95320    | 19.07  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 623019   | 21.21  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 130006   | 17.61  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 152013   | 20.75  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 172851   | 27.82  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 158981   | 19.91  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 681137   | 20.76  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 415758   | 20.34  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 507948   | 21.43  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 32720    | 17.80  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 406531   | 20.15  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 432626   | 21.08  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 503279   | 21.11  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 562325   | 20.91  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 482527   | 21.05  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 262065   | 19.34  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 251203   | 18.84  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.62 | 91   | 347216   | 18.94  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 91074    | 20.96  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 256136   | 19.60  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 18776    | 17.80  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090418\  
Data File : VN051006.D  
Acq On : 4 Sep 2018 9:37  
Operator : MD\SY  
Sample : VN0904WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 5 Sample Multiplier: 1

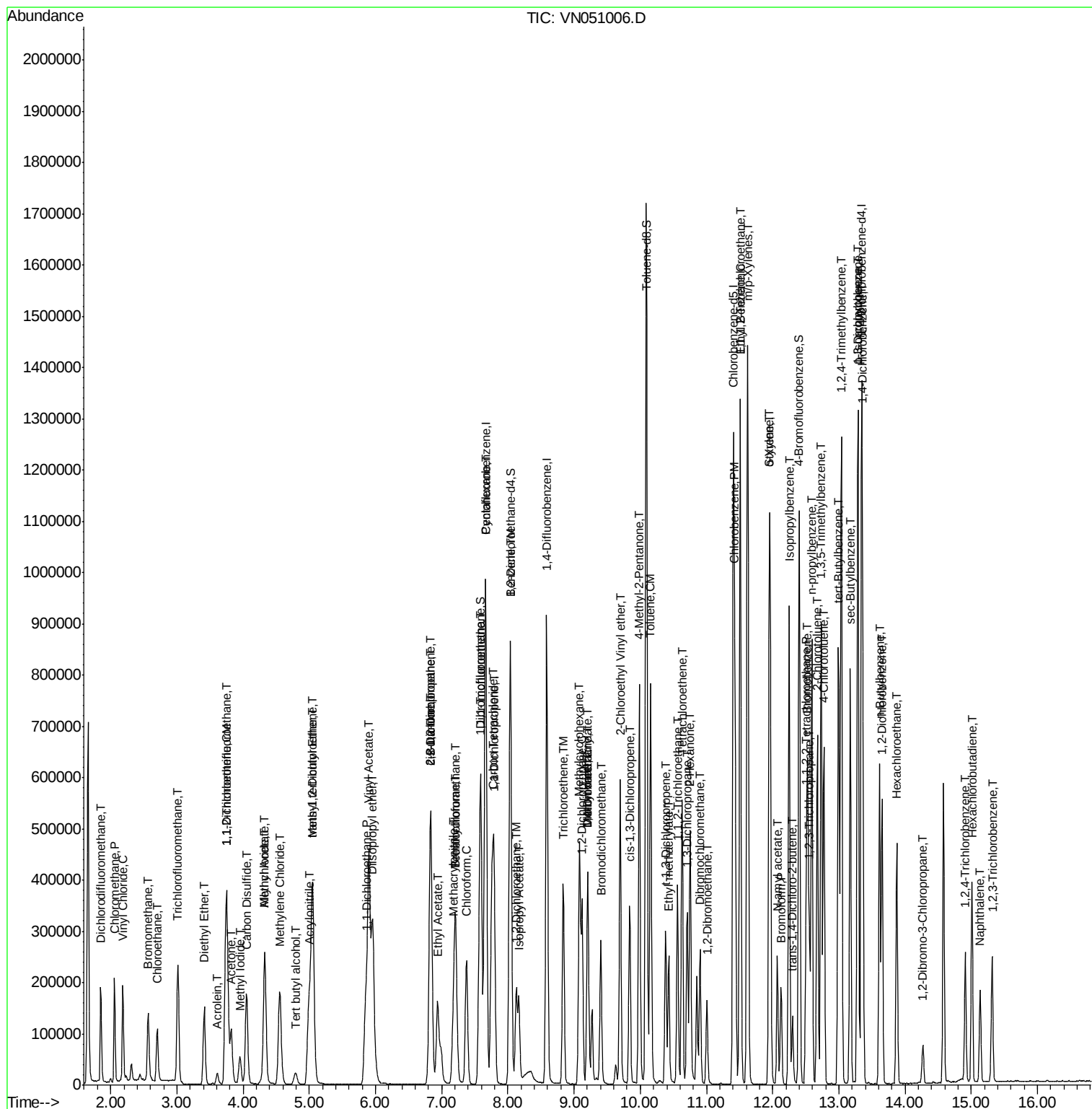
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0904WBS01

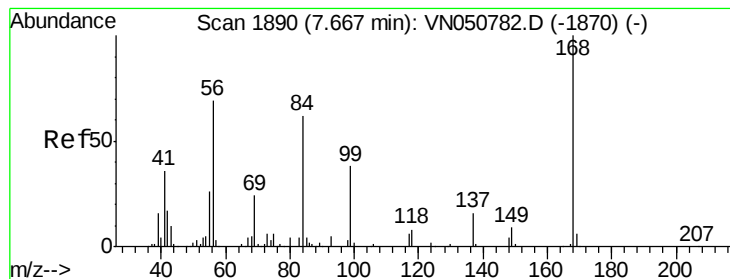
Quant Time: Sep 05 01:06:22 2018  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082118W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 22 05:38:12 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 91859    | 16.49 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 83934    | 21.01 | ug/l  | 100      |
| 95) Naphthalene            | 15.13 | 128  | 158565   | 15.38 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 93983    | 17.07 | ug/l  | 97       |

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

Quant Time: Sep 05 01:06:22 2018  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082118W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 22 05:38:12 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

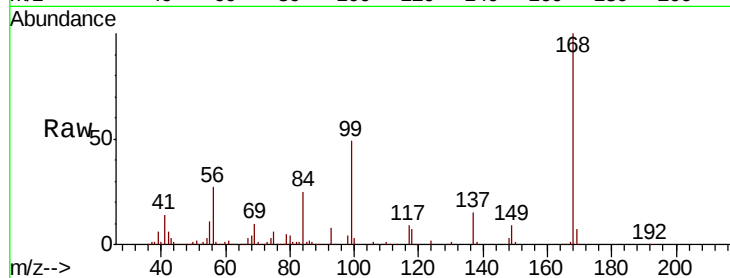
VN0904WBS01

Tot Ion:168 Resp: 607970

Ion Ratio Lower Upper

168 100

99 48.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

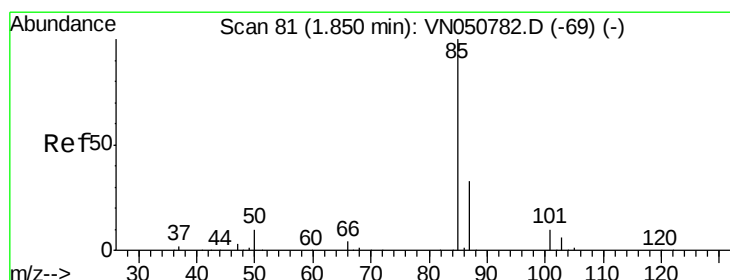
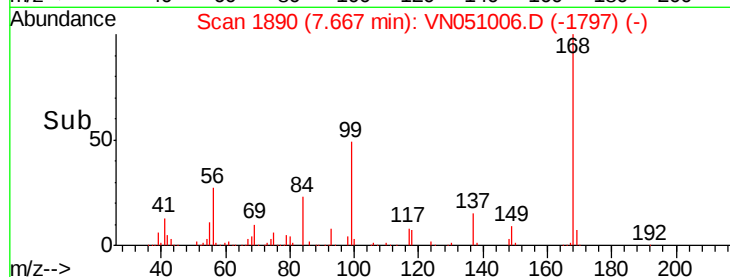
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.06 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN051006.D

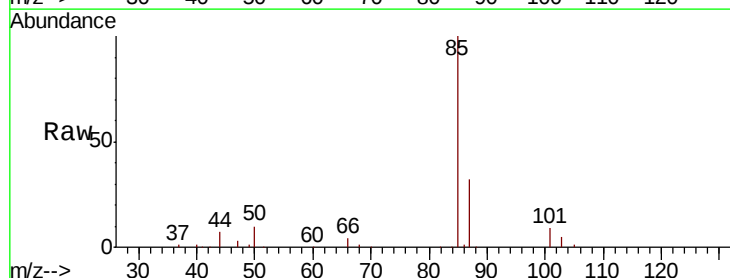
Acq: 4 Sep 2018 9:37

Tgt Ion: 85 Resp: 146940

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): V

Ion 86.90 (86.60 to 87.60): VN

1.85

120000

100000

80000

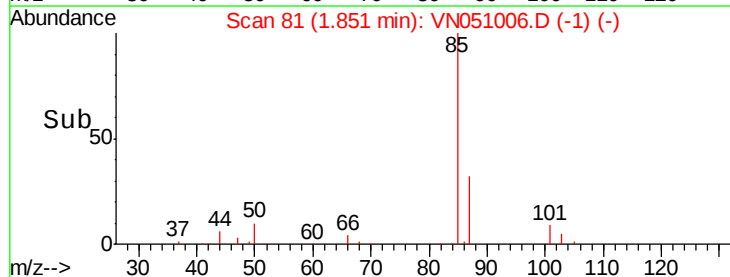
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 16.51 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

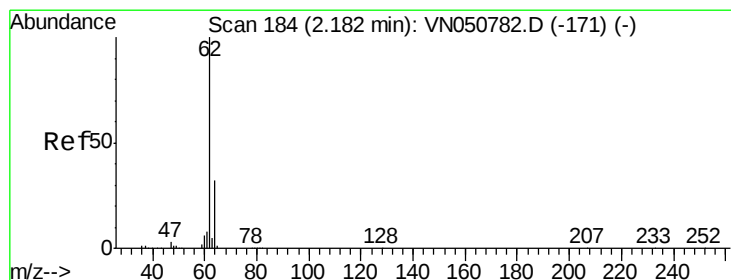
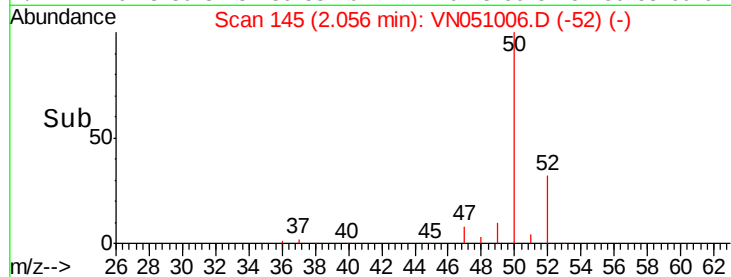
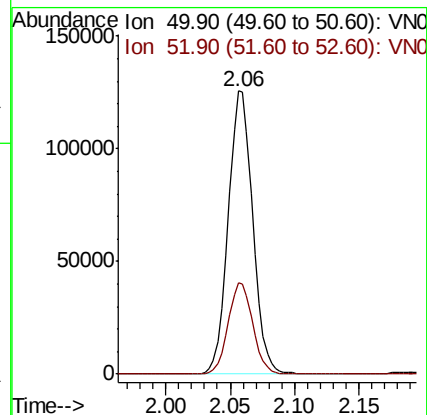
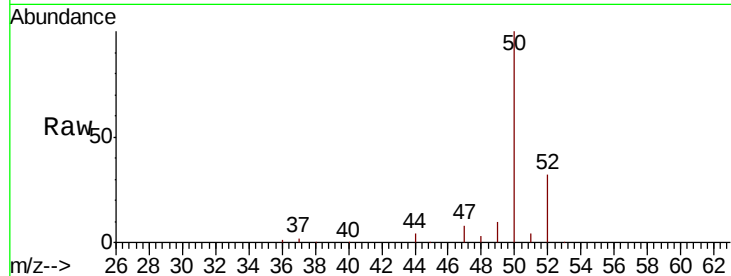
VN0904WBS01

Tot Ion: 50 Resp: 165677

Ion Ratio Lower Upper

50 100

52 32.3 26.3 39.5



#4

Vinyl Chloride

Concen: 17.63 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN051006.D

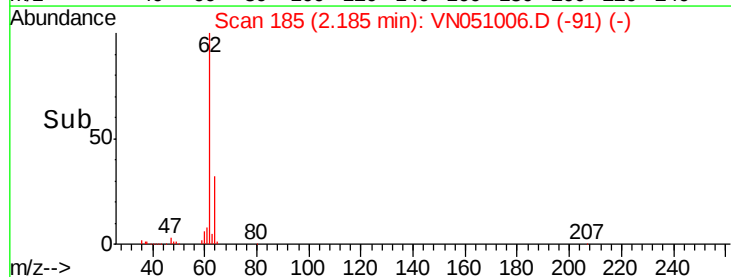
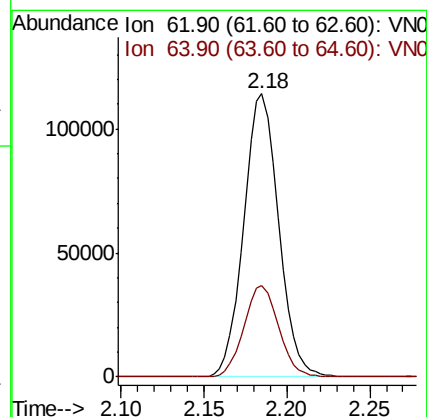
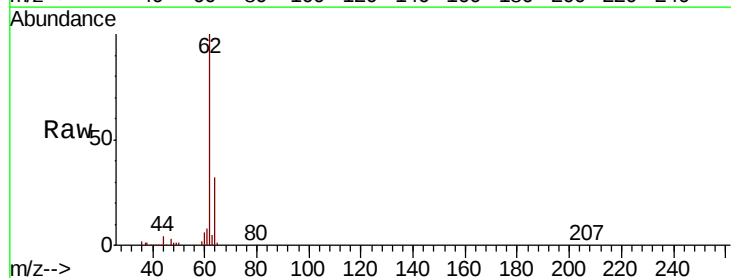
Acq: 4 Sep 2018 9:37

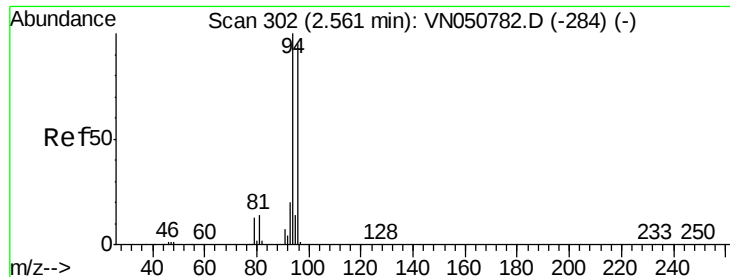
Tgt Ion: 62 Resp: 167615

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 16.59 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampled :

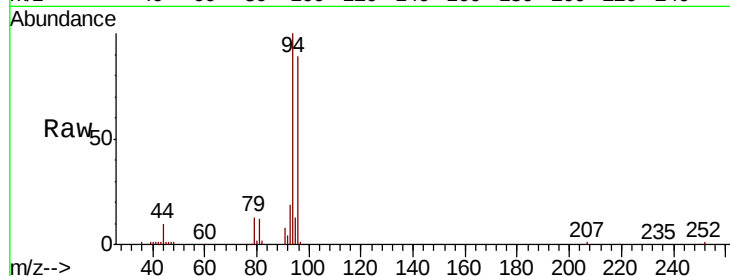
VN0904WBS01

Tot Ion: 94 Resp: 93480

Ion Ratio Lower Upper

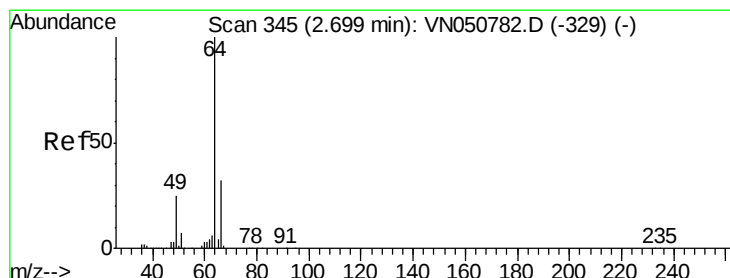
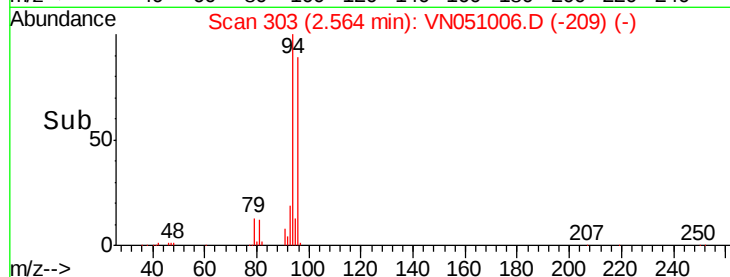
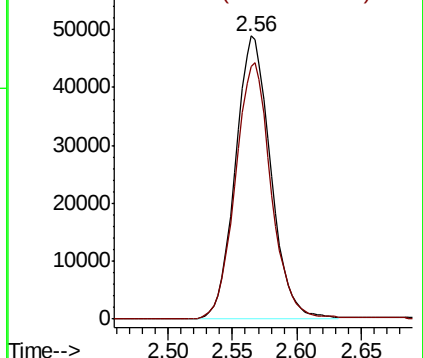
94 100

96 89.3 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.14 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN051006.D

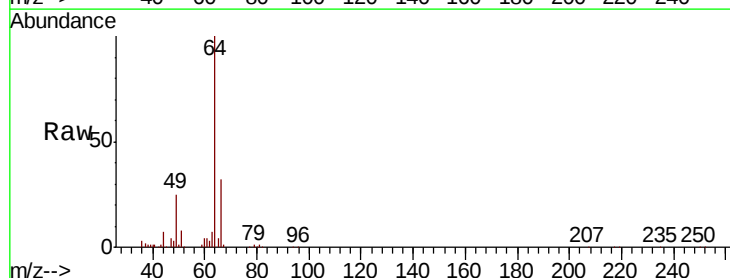
Acq: 4 Sep 2018 9:37

Tgt Ion: 64 Resp: 99658

Ion Ratio Lower Upper

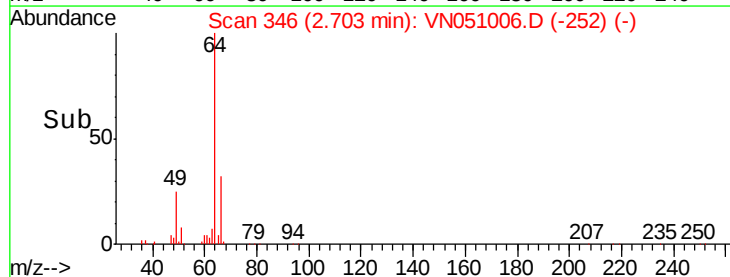
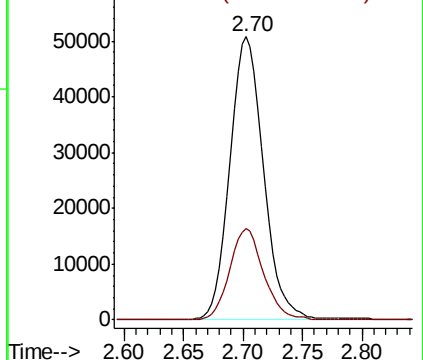
64 100

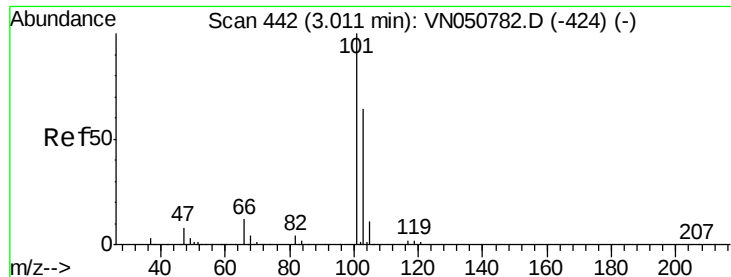
66 32.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 18.96 ug/l

RT: 3.01 min Scan# 443

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

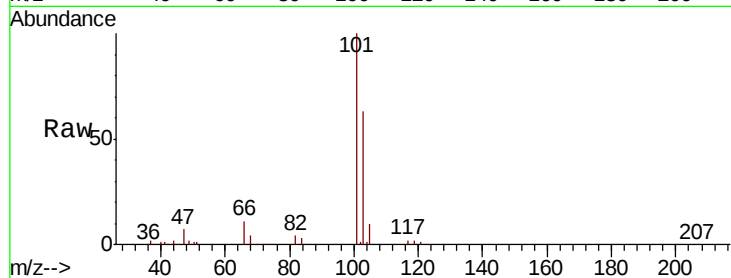
VN0904WBS01

Tot Ion:101 Resp: 230842

Ion Ratio Lower Upper

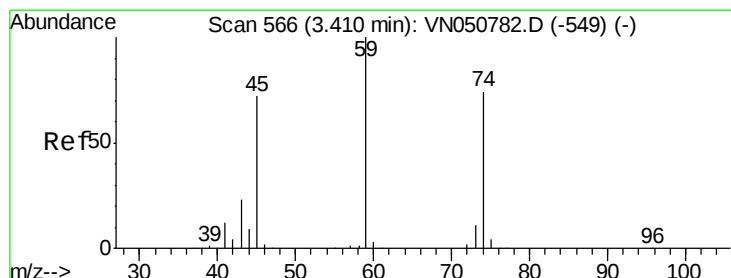
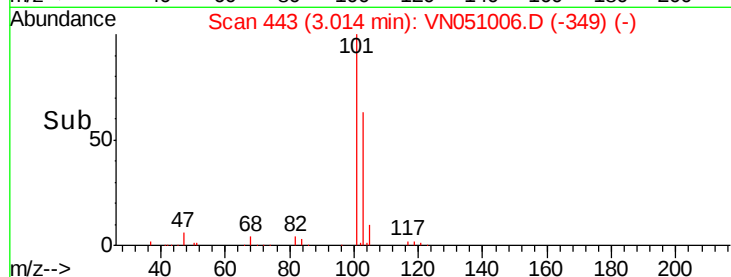
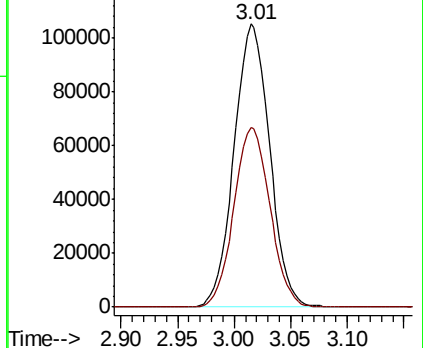
101 100

103 63.3 51.6 77.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 18.53 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN051006.D

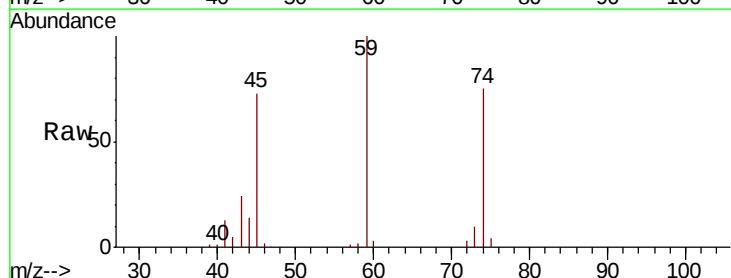
Acq: 4 Sep 2018 9:37

Tgt Ion: 74 Resp: 76686

Ion Ratio Lower Upper

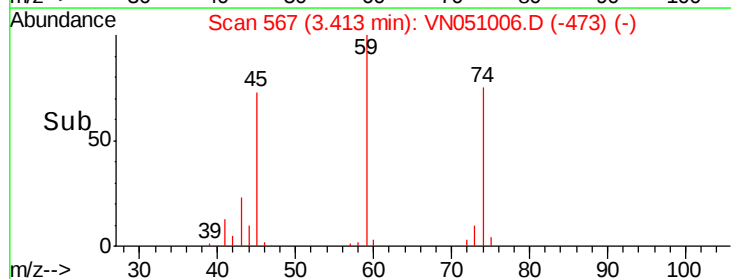
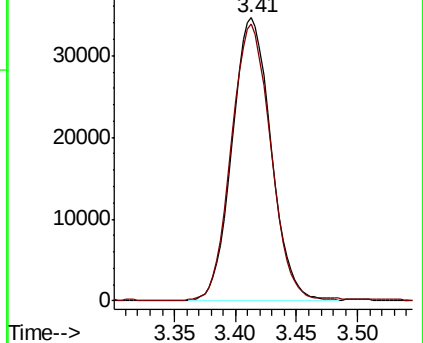
74 100

45 99.0 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.19 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VN0904WBS01

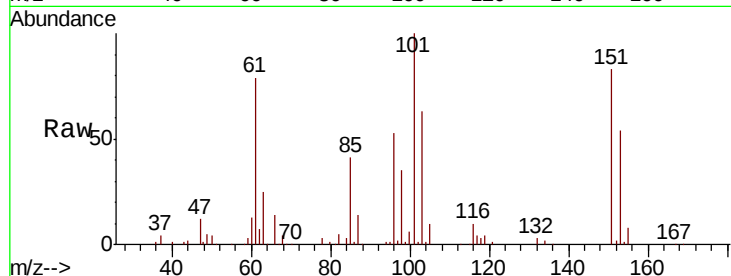
Tot Ion:101 Resp: 145945

Ion Ratio Lower Upper

101 100

85 40.9 33.7 50.5

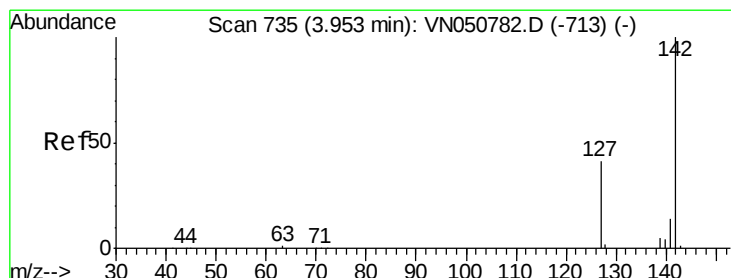
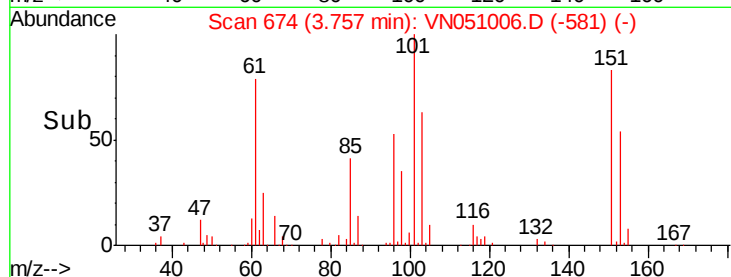
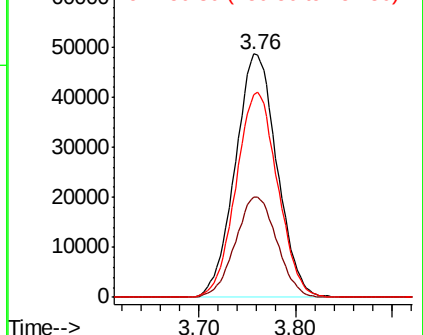
151 84.1 67.4 101.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.79 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

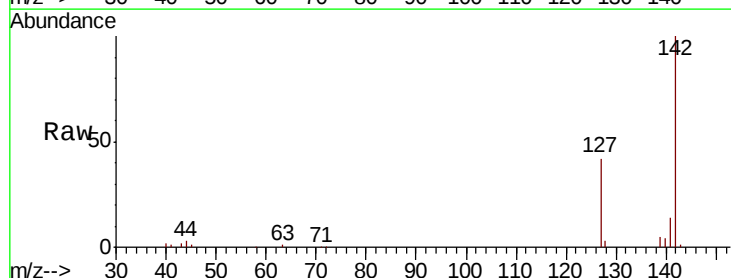
Tgt Ion:142 Resp: 87531

Ion Ratio Lower Upper

142 100

127 41.6 31.7 47.5

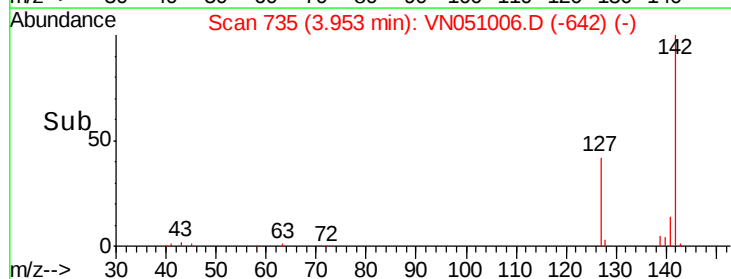
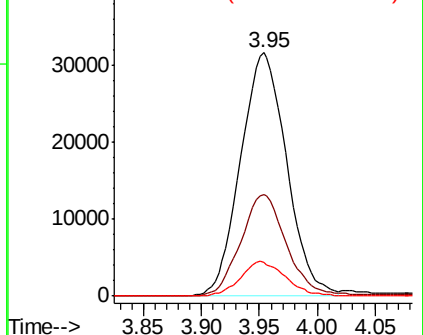
141 13.9 11.4 17.0

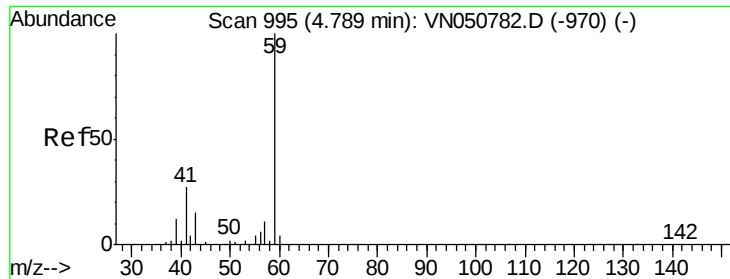


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

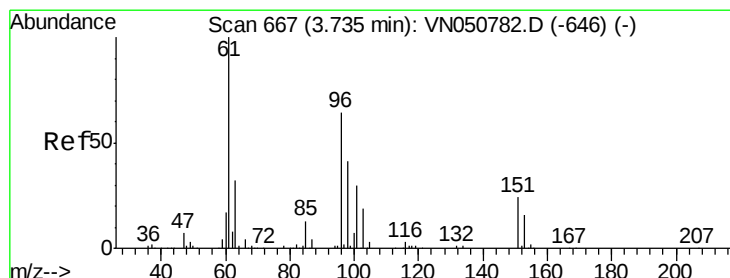
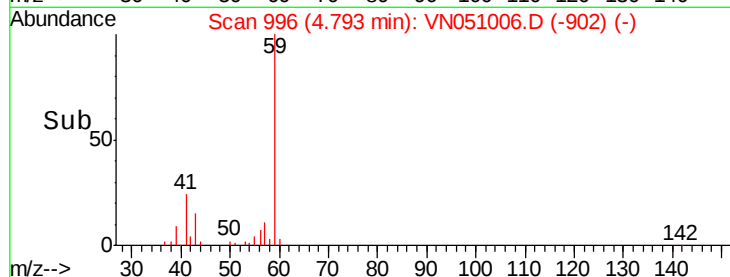
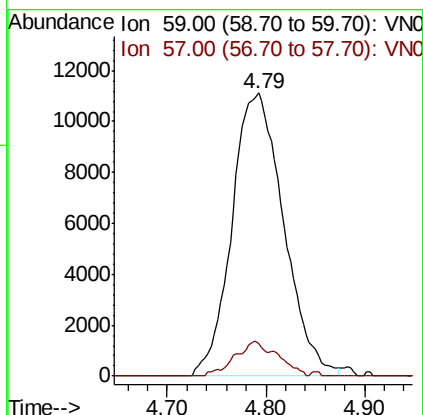
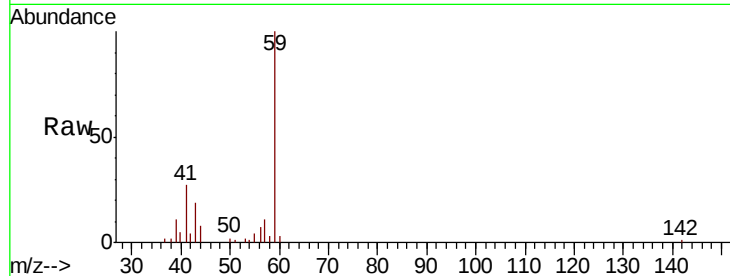




#11  
Tert butyl alcohol  
Concen: 86.62 ug/l  
RT: 4.79 min Scan# 996  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

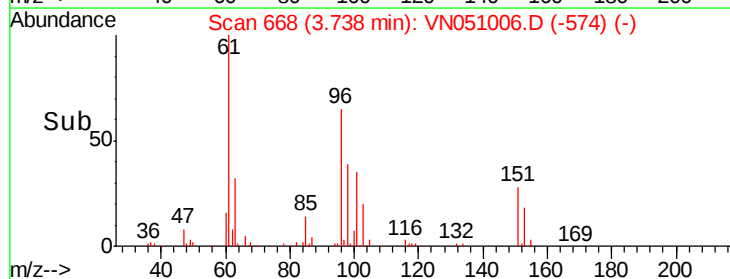
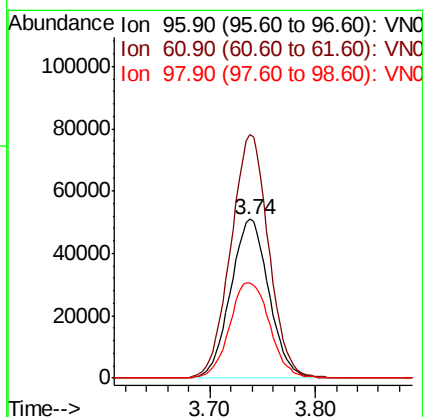
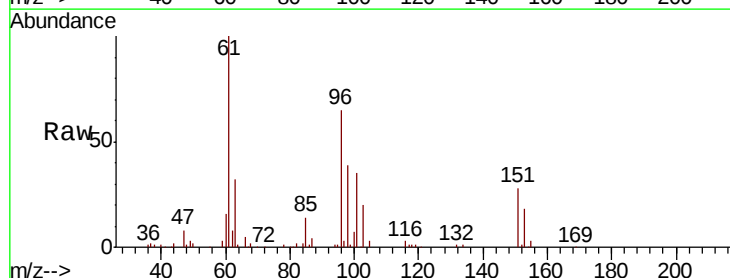
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0904WBS01

Tot Ion: 59 Resp: 40372  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 18.81 ug/l  
RT: 3.74 min Scan# 668  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

Tgt Ion: 96 Resp: 128439  
Ion Ratio Lower Upper  
96 100  
61 152.6 124.9 187.3  
98 59.5 51.1 76.7





#13

Acrolein

Concen: 103.32 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampled :

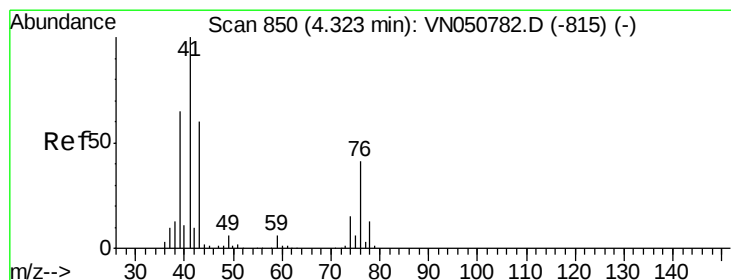
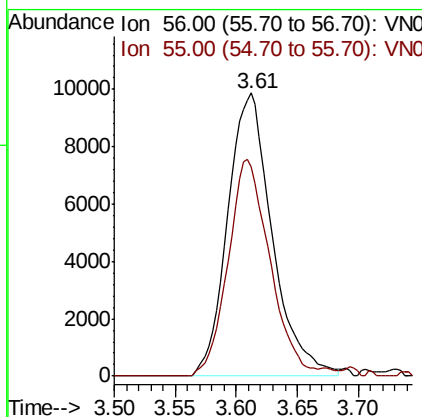
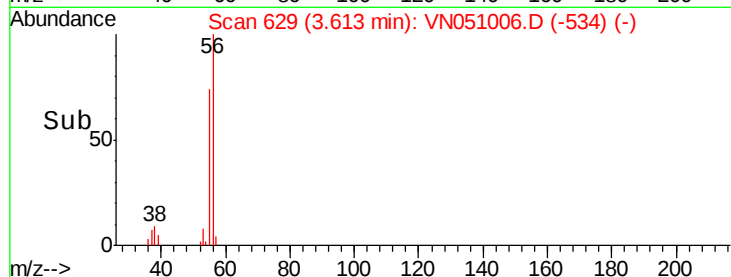
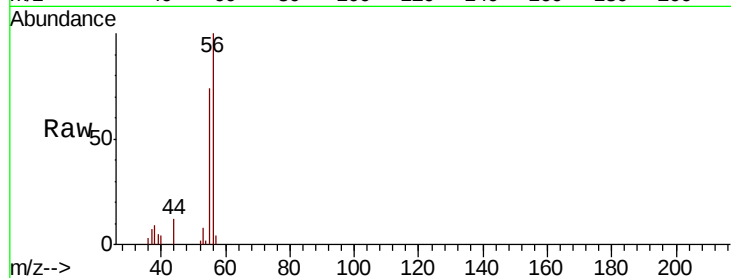
VN0904WBS01

Tot Ion: 56 Resp: 25037

Ion Ratio Lower Upper

56 100

55 72.9 57.7 86.5



#14

Allyl chloride

Concen: 18.42 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

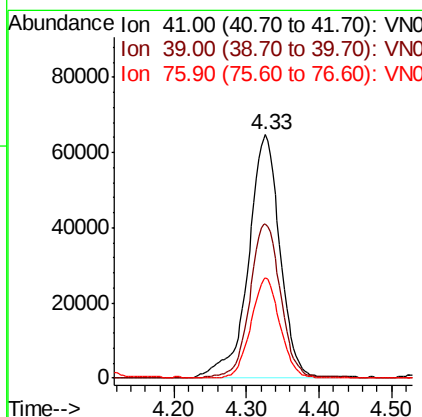
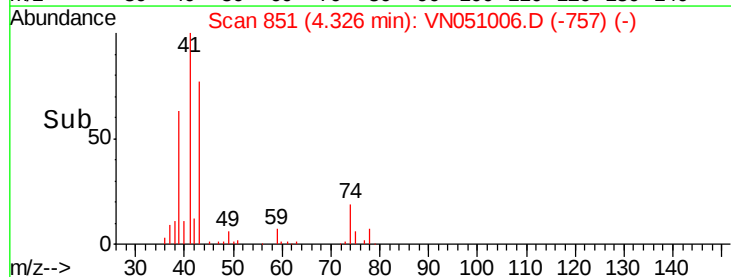
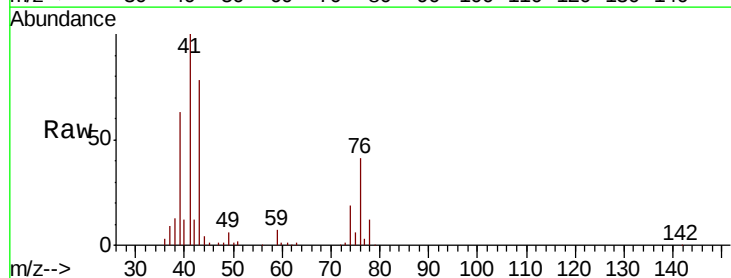
Tgt Ion: 41 Resp: 195978

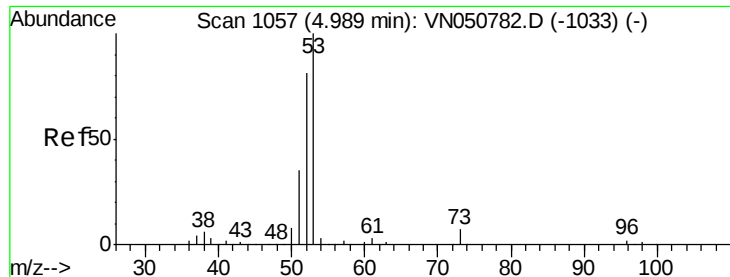
Ion Ratio Lower Upper

41 100

39 61.8 50.2 75.2

76 38.0 29.8 44.8





#15

Acrylonitrile

Concen: 92.27 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VN0904WBS01

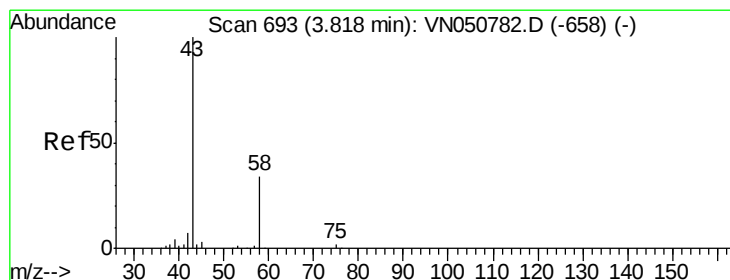
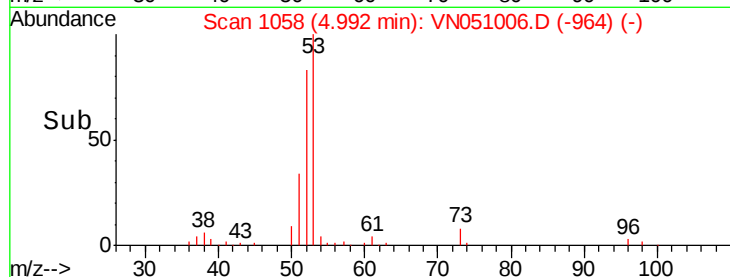
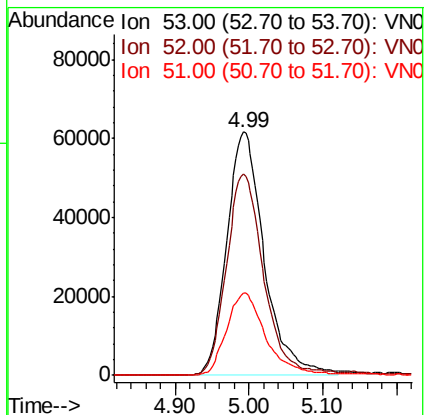
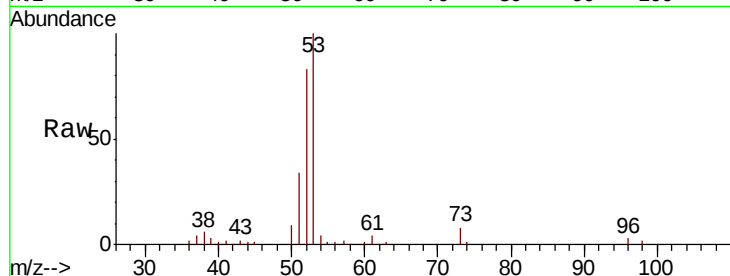
Tot Ion: 53 Resp: 218561

Ion Ratio Lower Upper

53 100

52 82.1 65.9 98.9

51 35.0 28.6 43.0



#16

Acetone

Concen: 96.00 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN051006.D

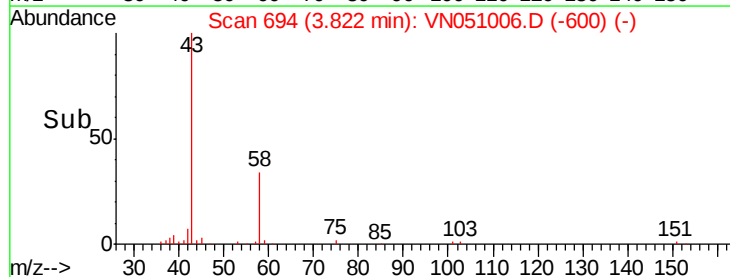
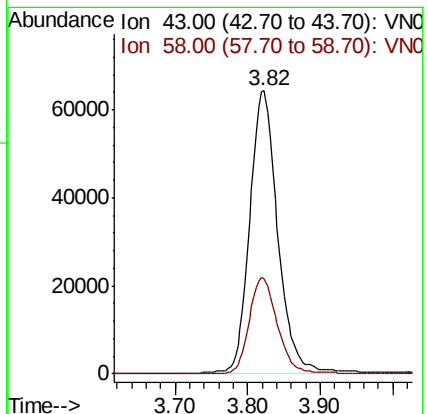
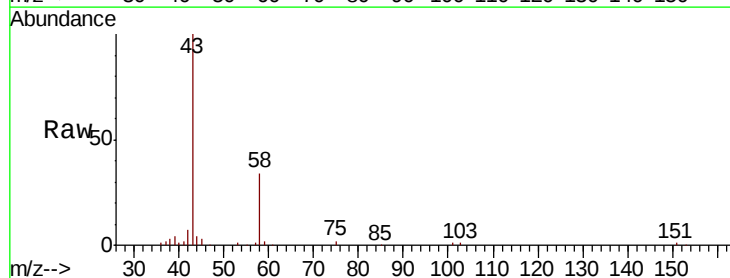
Acq: 4 Sep 2018 9:37

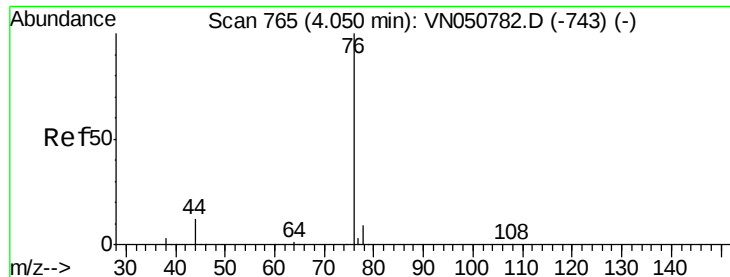
Tgt Ion: 43 Resp: 173924

Ion Ratio Lower Upper

43 100

58 33.6 27.2 40.8

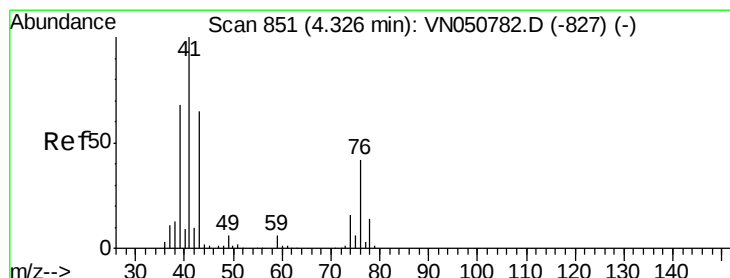
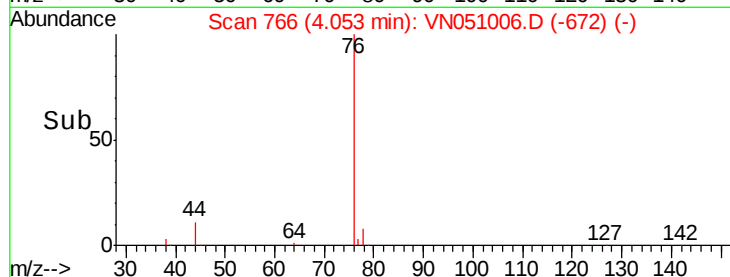
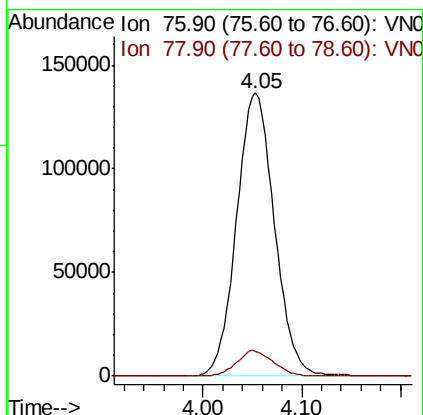
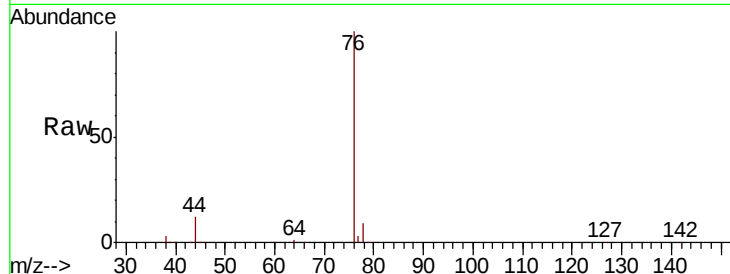




#17  
Carbon Disulfide  
Concen: 15.84 ug/l  
RT: 4.05 min Scan# 766  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

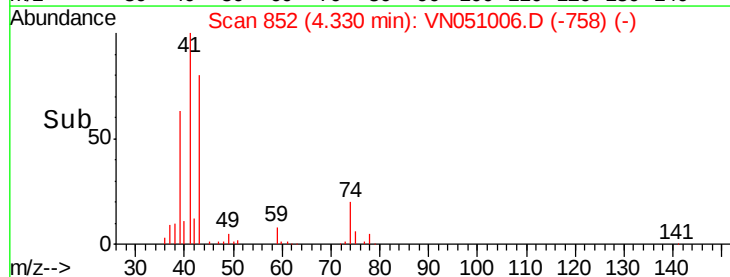
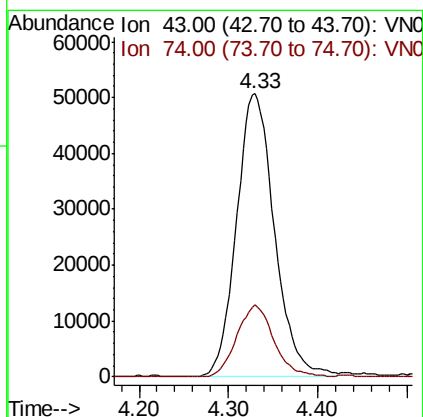
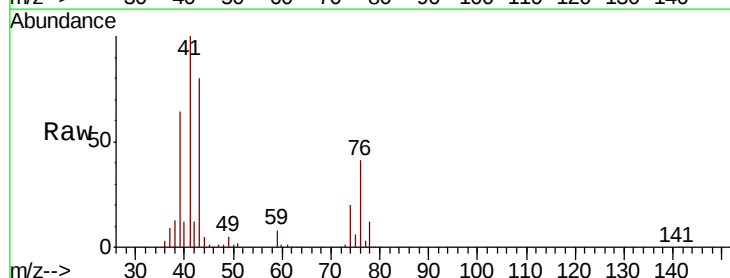
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0904WBS01

Tot Ion: 76 Resp: 362664  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.3 10.9



#18  
Methyl Acetate  
Concen: 21.73 ug/l  
RT: 4.33 min Scan# 852  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

Tgt Ion: 43 Resp: 150212  
Ion Ratio Lower Upper  
43 100  
74 24.6 19.8 29.8

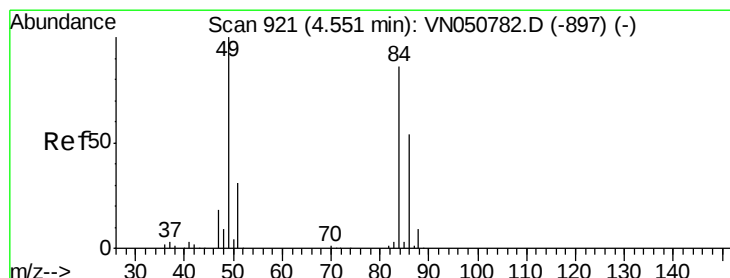
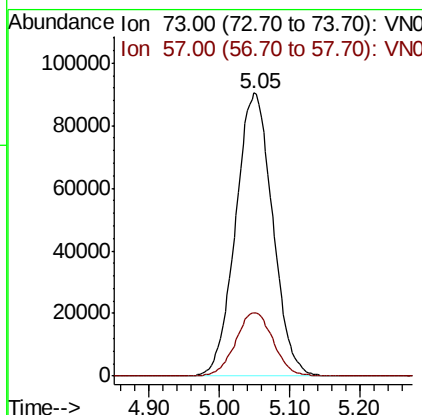
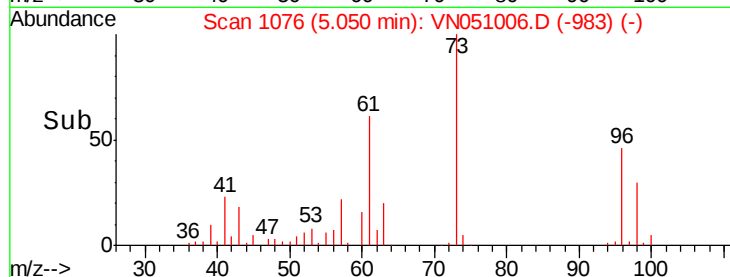
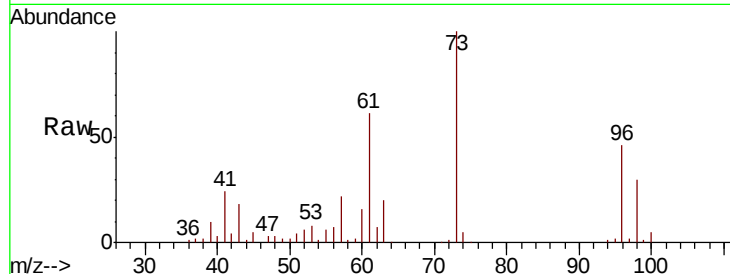




#19  
Methyl tert-butyl Ether  
Concen: 19.23 ug/l  
RT: 5.05 min Scan# 1076  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

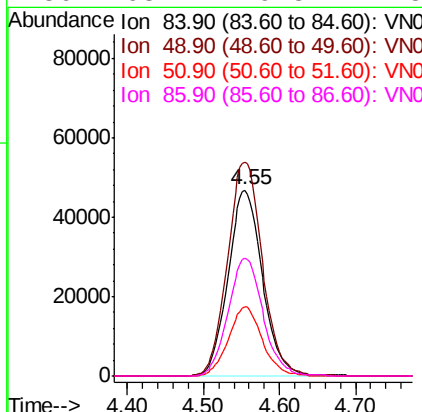
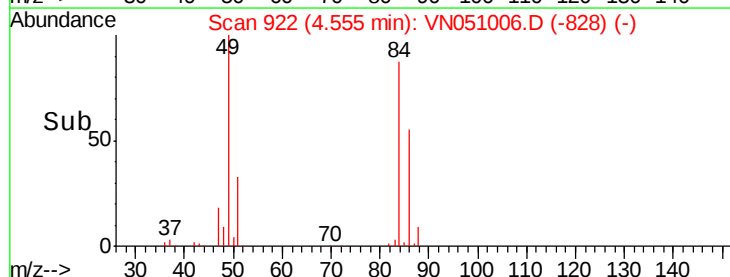
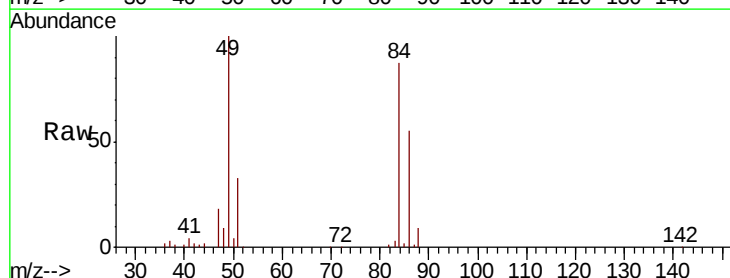
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0904WBS01

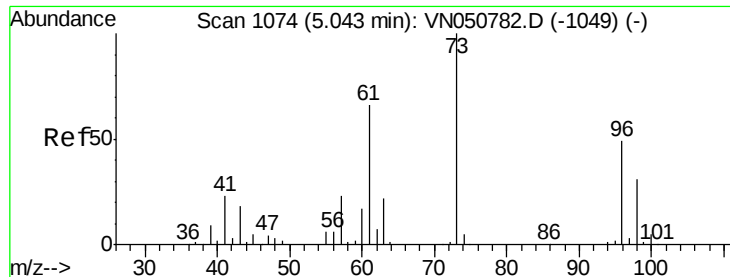
Tot Ion: 73 Resp: 330341  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.8 26.8



#20  
Methylene Chloride  
Concen: 17.81 ug/l  
RT: 4.55 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

Tgt Ion: 84 Resp: 146940  
Ion Ratio Lower Upper  
84 100  
49 114.8 93.2 139.8  
51 37.3 29.0 43.6  
86 63.4 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 18.29 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0904WBS01

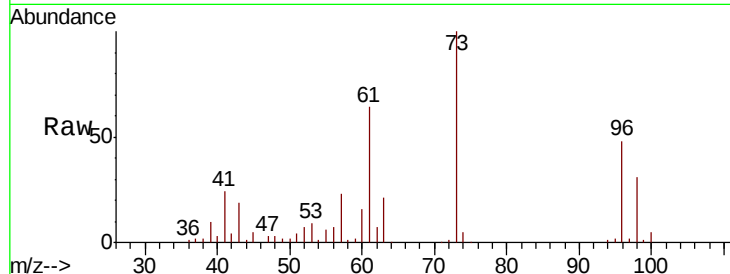
Tot Ion: 96 Resp: 135094

Ion Ratio Lower Upper

96 100

61 135.4 107.4 161.0

98 65.1 50.7 76.1

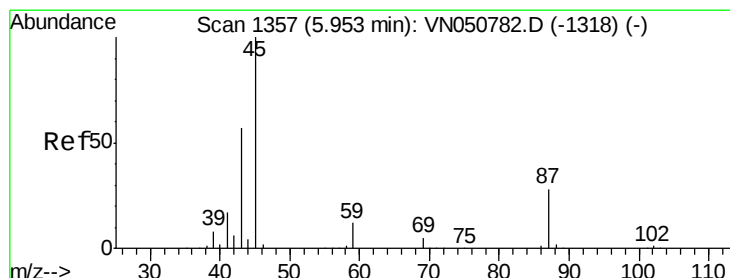
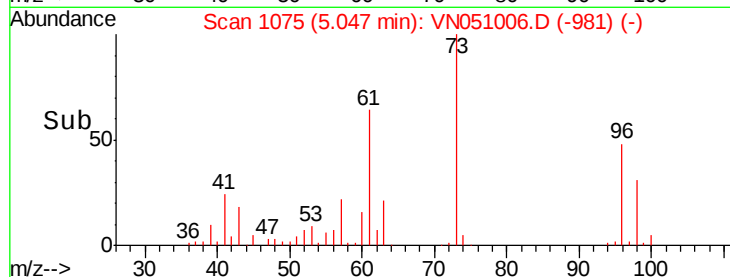
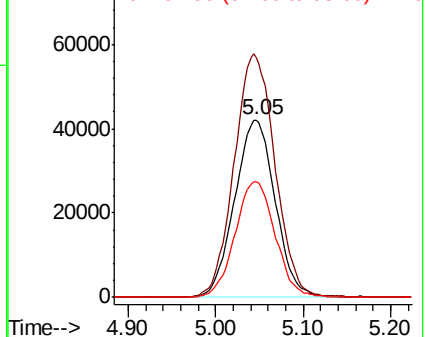


Abundance

Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 20.03 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Tgt Ion: 45 Resp: 424724

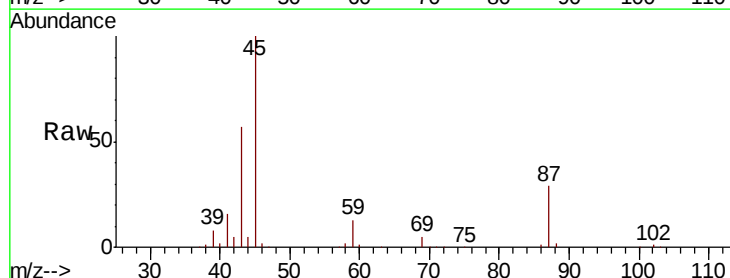
Ion Ratio Lower Upper

45 100

43 56.1 45.9 68.9

87 29.3 22.7 34.1

59 12.8 9.3 13.9



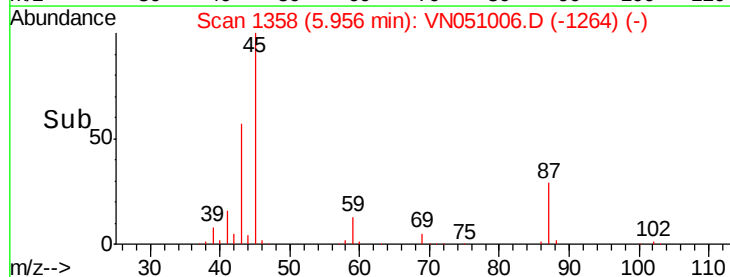
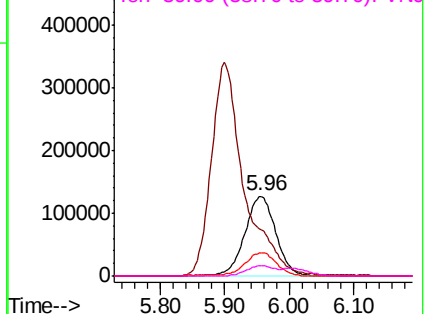
Abundance

Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 88.27 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

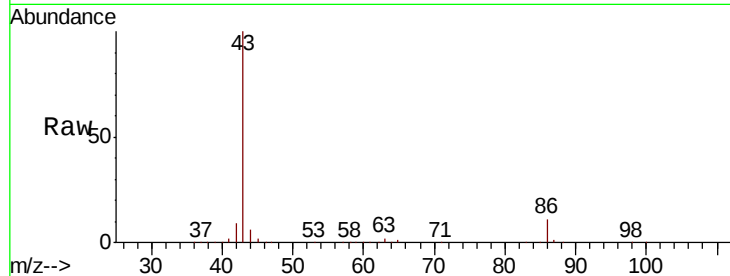
VN0904WBS01

Tot Ion: 43 Resp: 1205449

Ion Ratio Lower Upper

43 100

86 10.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

400000

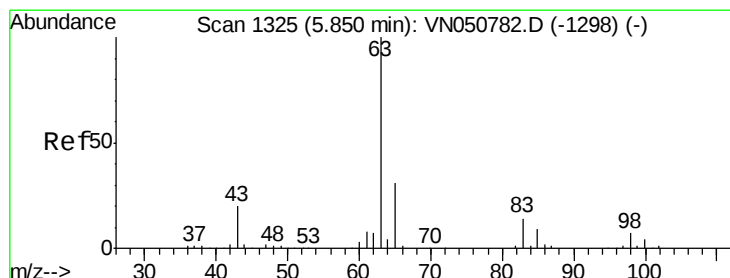
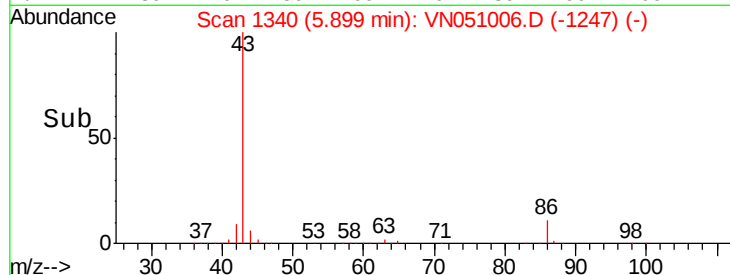
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.20 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

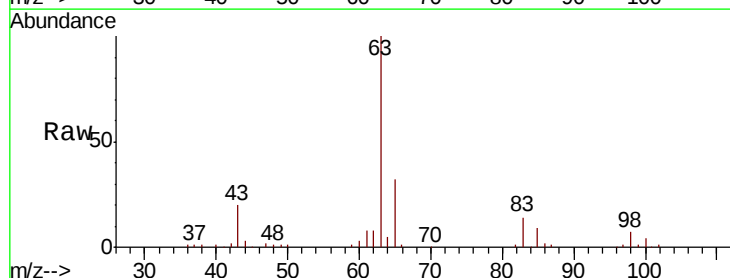
Tgt Ion: 63 Resp: 261353

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.8

100 4.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

100000

80000

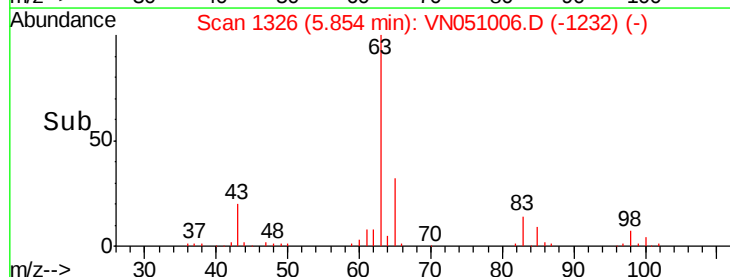
60000

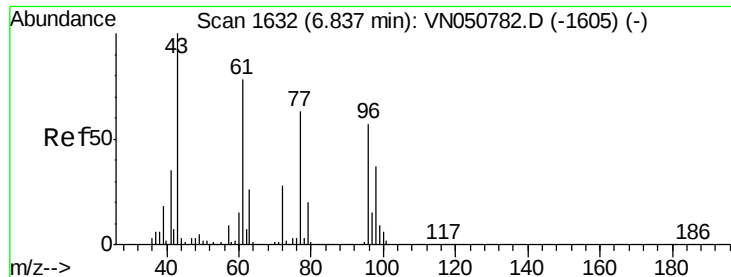
40000

20000

0

Time-->





#25

2-Butanone

Concen: 81.95 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

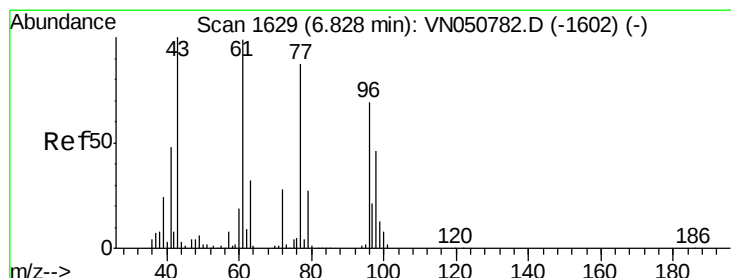
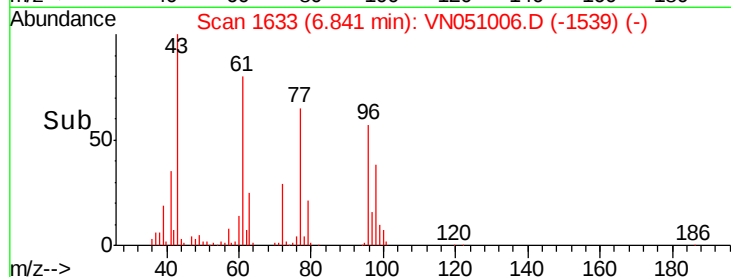
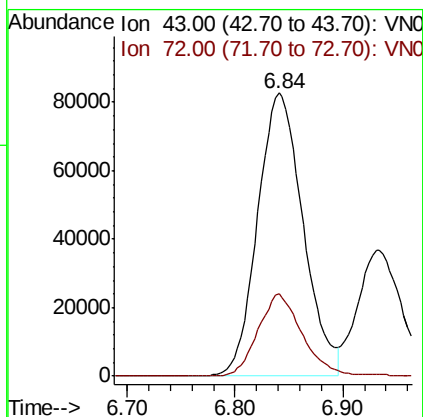
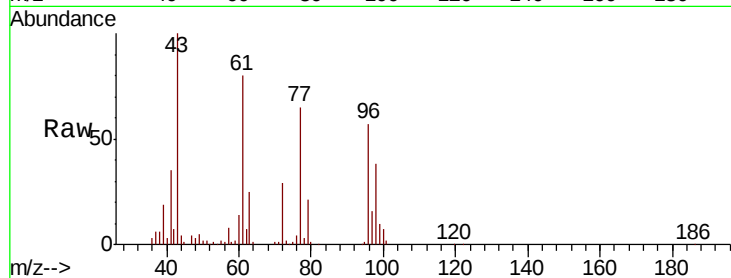
VN0904WBS01

Tot Ion: 43 Resp: 241709

Ion Ratio Lower Upper

43 100

72 29.2 22.3 33.5



#26

2,2-Dichloropropane

Concen: 19.02 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN051006.D

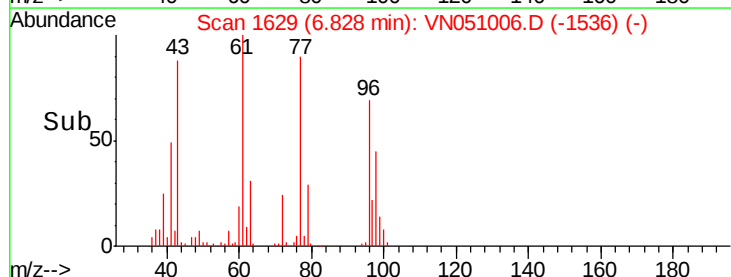
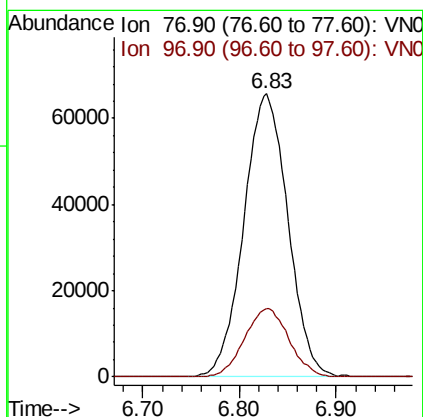
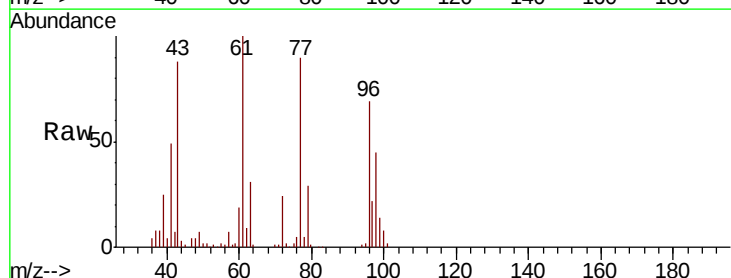
Acq: 4 Sep 2018 9:37

Tgt Ion: 77 Resp: 208015

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 19.11 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VN0904WBS01

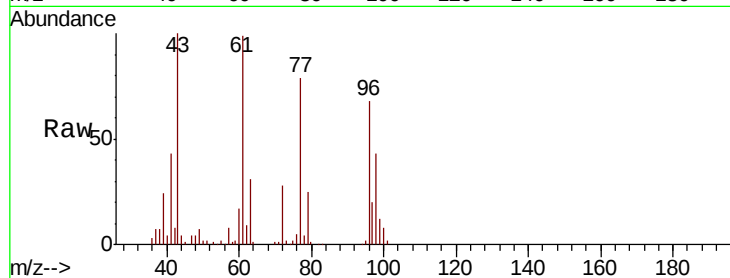
Tot Ion: 96 Resp: 152184

Ion Ratio Lower Upper

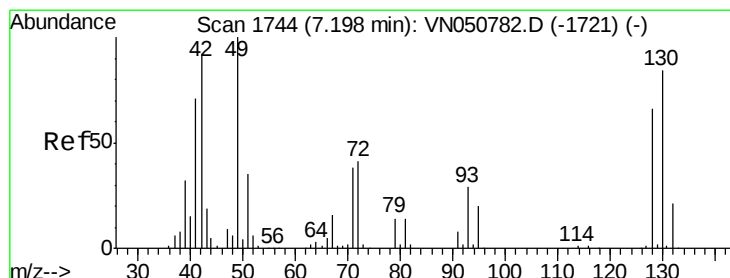
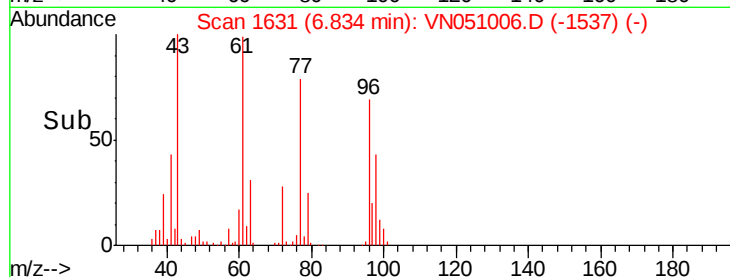
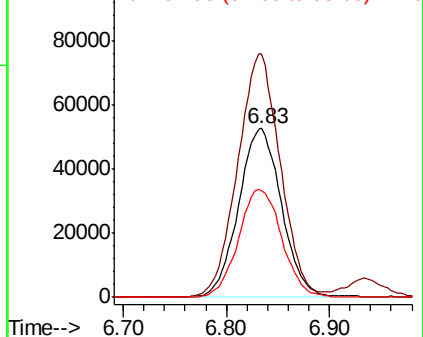
96 100

61 143.3 0.0 283.4

98 64.5 0.0 129.8



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



#28

Bromochloromethane

Concen: 19.65 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

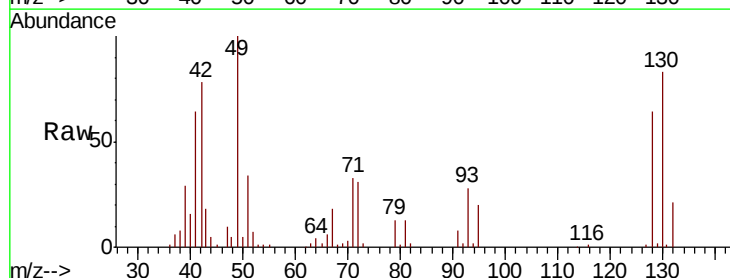
Tgt Ion: 49 Resp: 113663

Ion Ratio Lower Upper

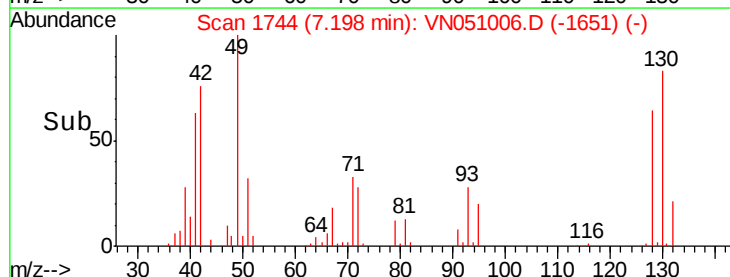
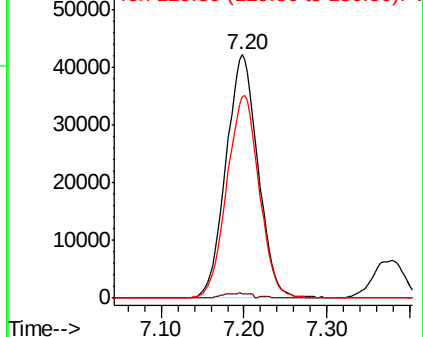
49 100

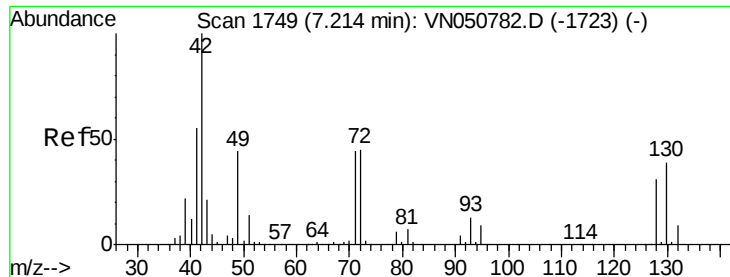
129 1.7 0.0 4.2

130 84.0 67.1 100.7



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: 92.23 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VN0904WBS01

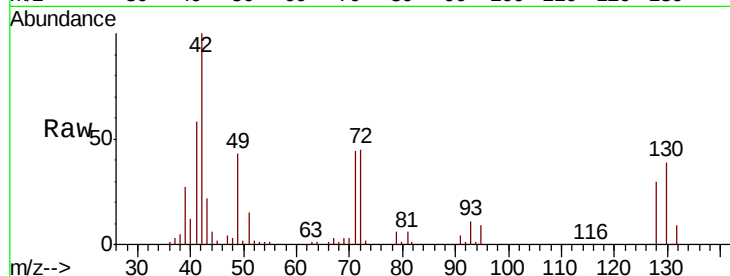
Tot Ion: 42 Resp: 155972

Ion Ratio Lower Upper

42 100

72 44.0 35.5 53.3

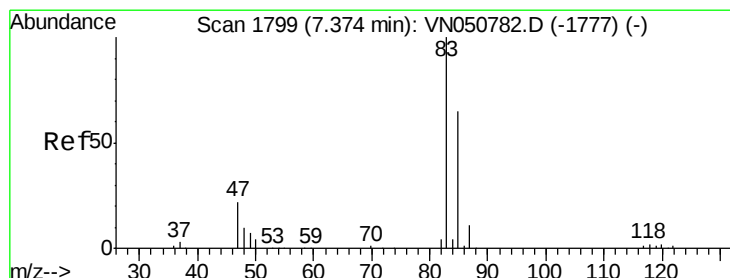
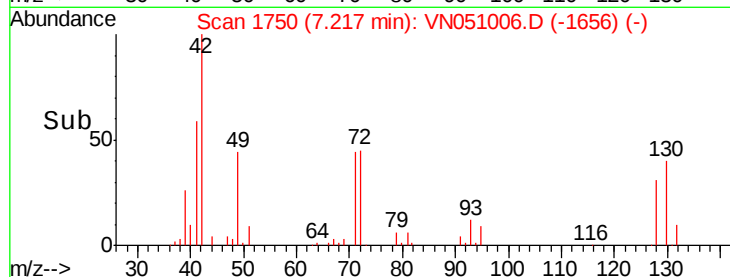
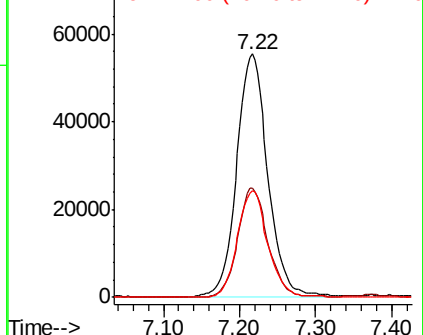
71 43.0 33.7 50.5



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: 19.56 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN051006.D

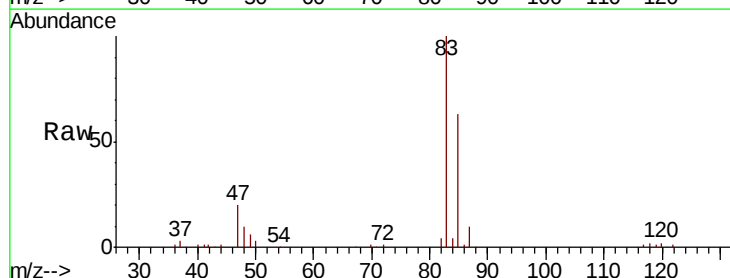
Acq: 4 Sep 2018 9:37

Tgt Ion: 83 Resp: 263636

Ion Ratio Lower Upper

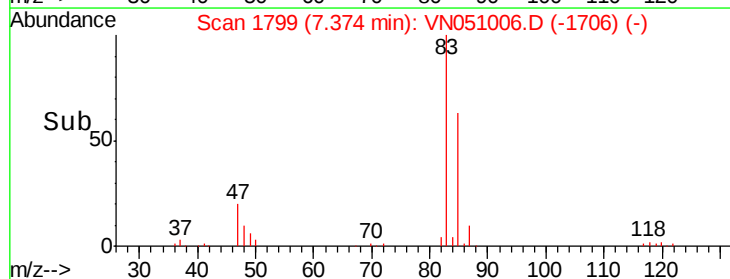
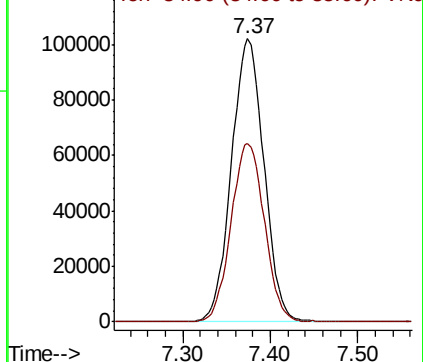
83 100

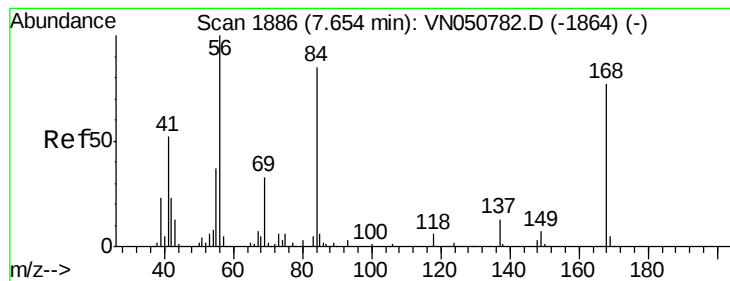
85 63.2 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.27 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampled :

VN0904WBS01

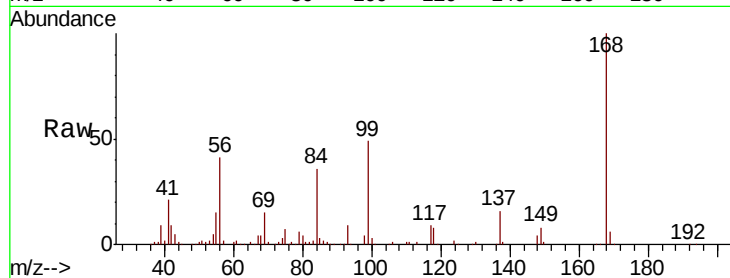
Tot Ion: 56 Resp: 222394

Ion Ratio Lower Upper

56 100

69 37.3 26.2 39.4

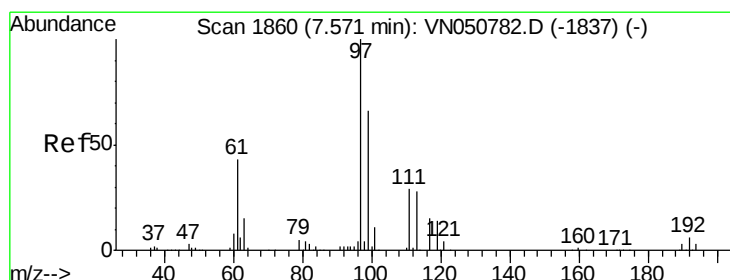
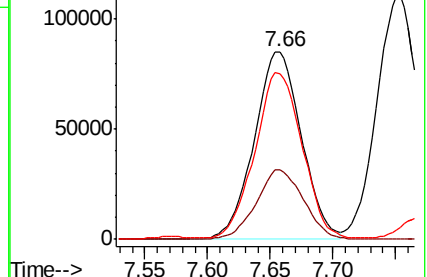
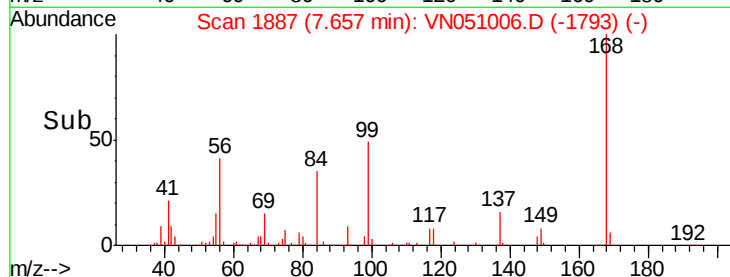
84 87.3 68.3 102.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.06 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

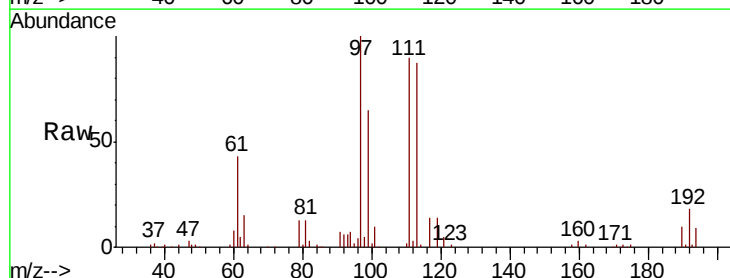
Tgt Ion: 97 Resp: 220710

Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

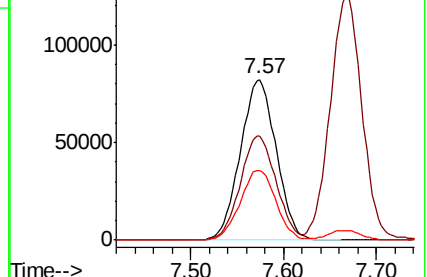
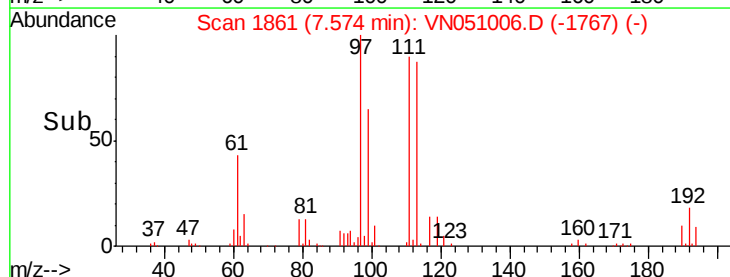
61 43.3 34.9 52.3

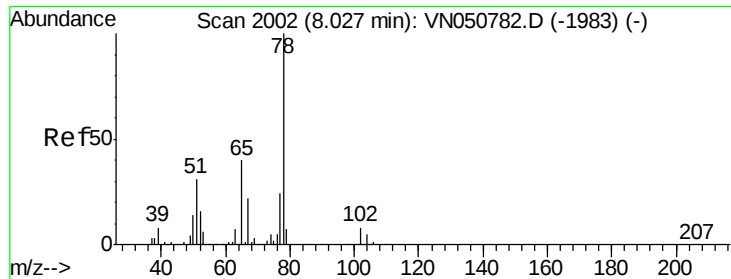


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 48.55 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

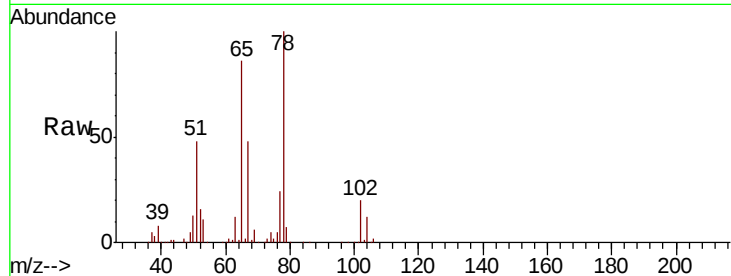
VN0904WBS01

Tot Ion: 65 Resp: 355315

Ion Ratio Lower Upper

65 100

67 55.5 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

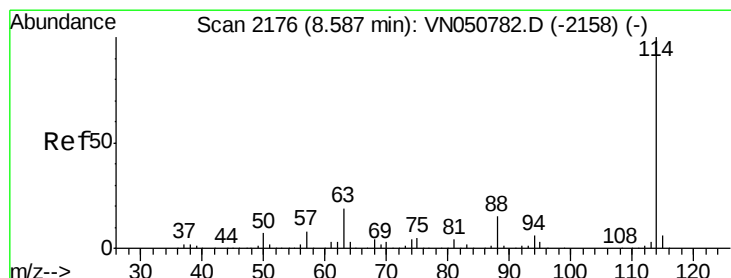
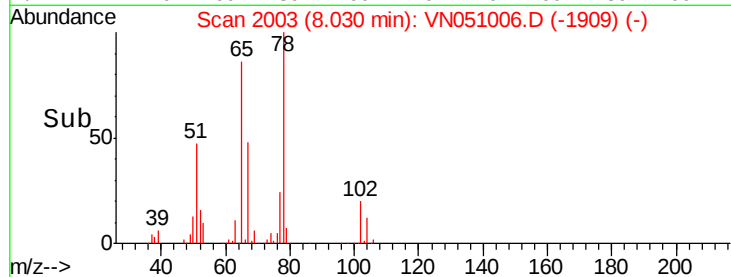
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Tgt Ion: 114 Resp: 861370

Ion Ratio Lower Upper

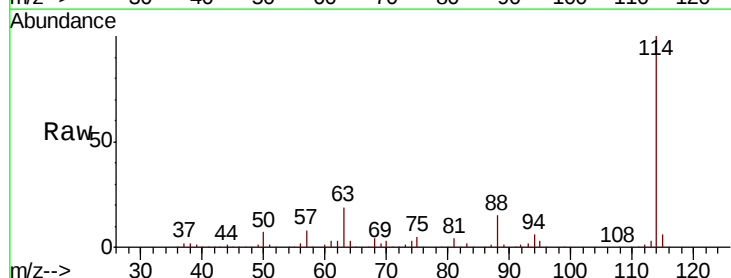
114 100

63 19.5

0.0 38.6

88 15.3

0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

500000

400000

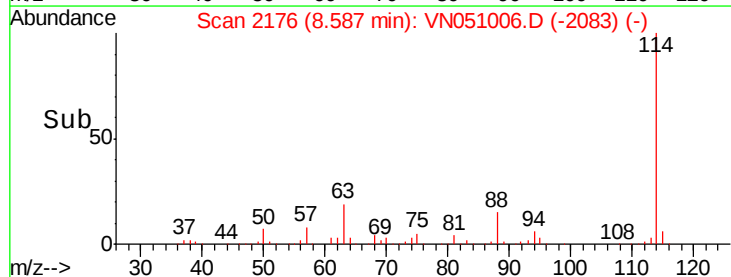
300000

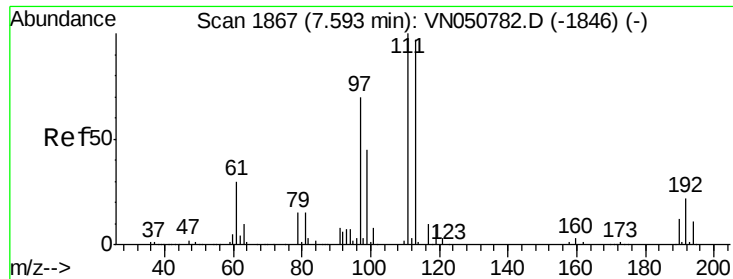
200000

100000

0

Time-->

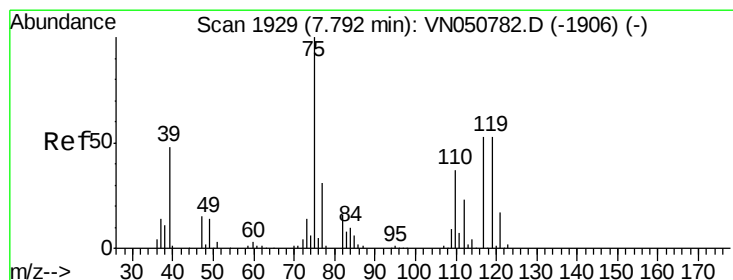
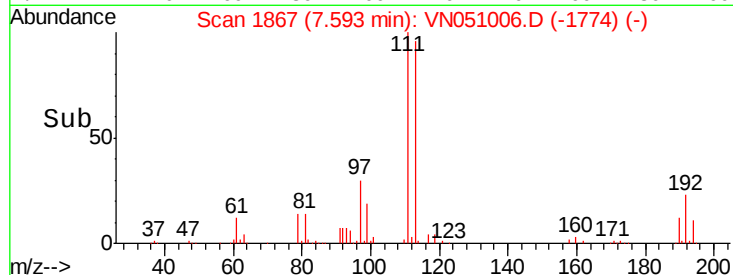
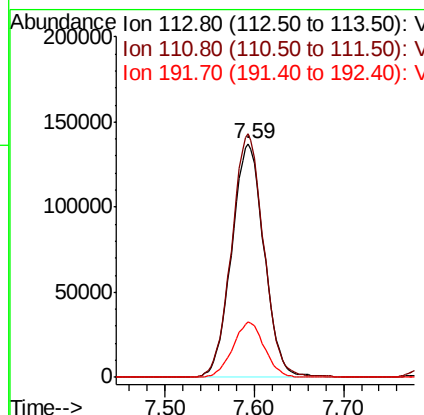
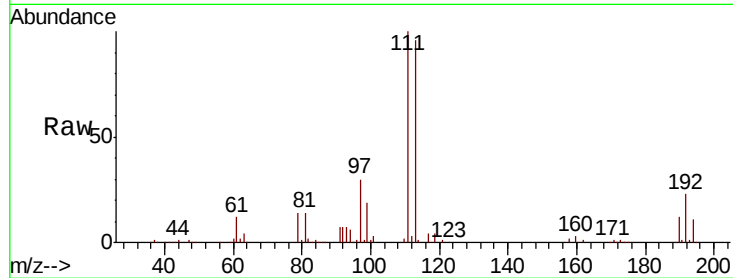




#35  
 Dibromofluoromethane  
 Concen: 50.52 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN051006.D  
 Acq: 4 Sep 2018 9:37

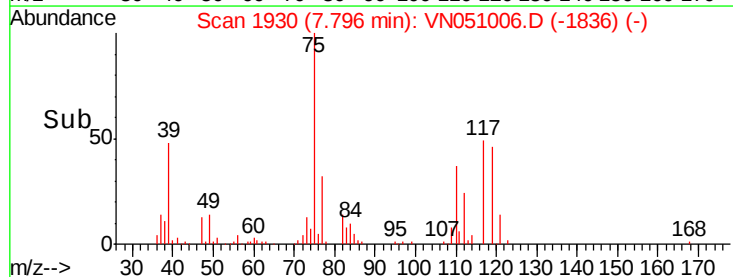
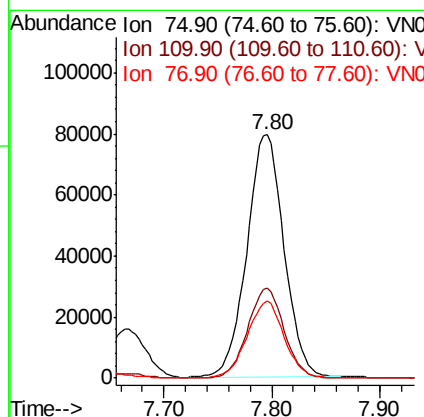
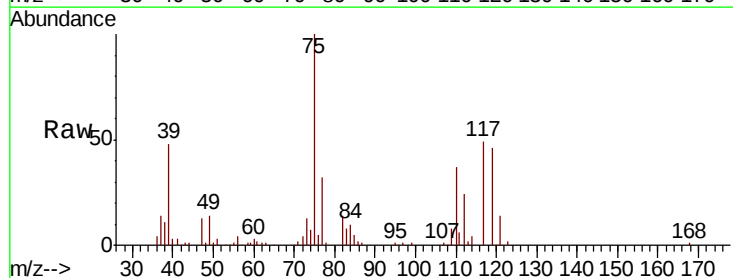
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0904WBS01

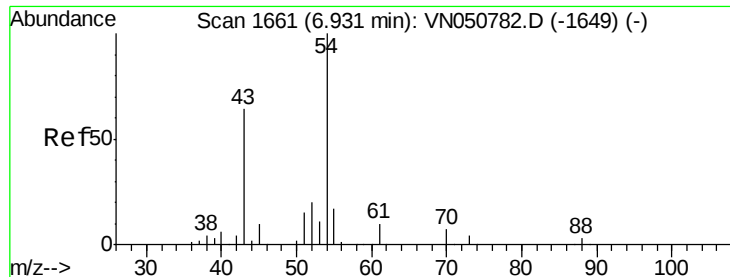
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.4 | 82.6  | 123.8 |
| 192     | 23.0  | 18.0  | 27.0  |



#36  
 1,1-Dichloropropene  
 Concen: 18.71 ug/l  
 RT: 7.80 min Scan# 1930  
 Delta R.T. 0.00 min  
 Lab File: VN051006.D  
 Acq: 4 Sep 2018 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.4  | 18.1  | 54.4  |
| 77      | 31.8  | 24.8  | 37.2  |

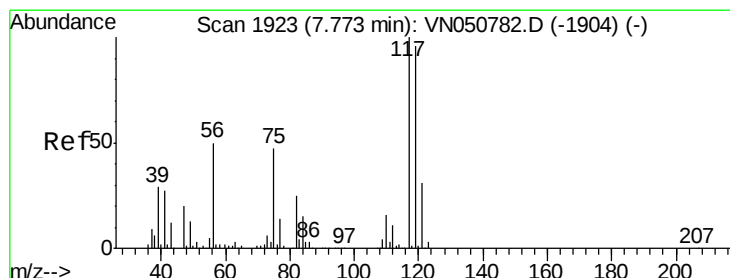
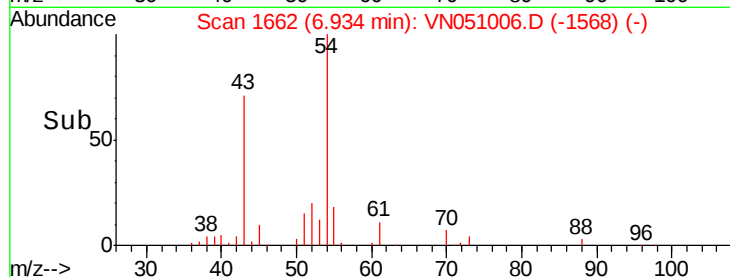
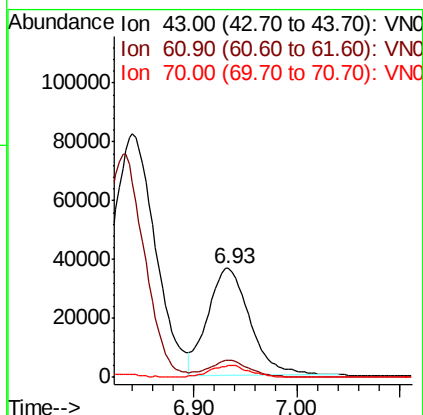
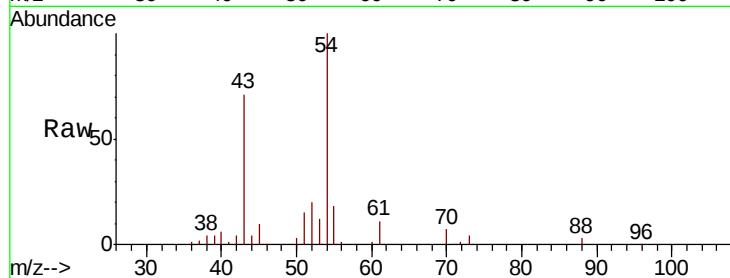




#37  
Ethyl Acetate  
Concen: 17.91 ug/l  
RT: 6.93 min Scan# 1662  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

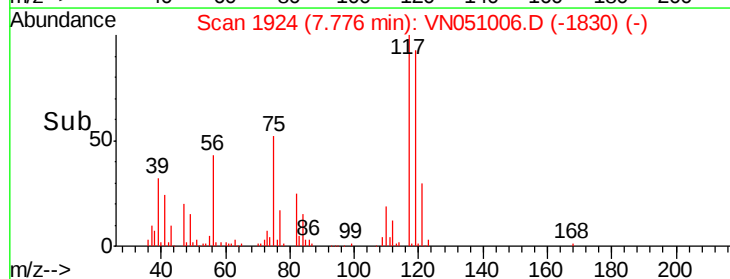
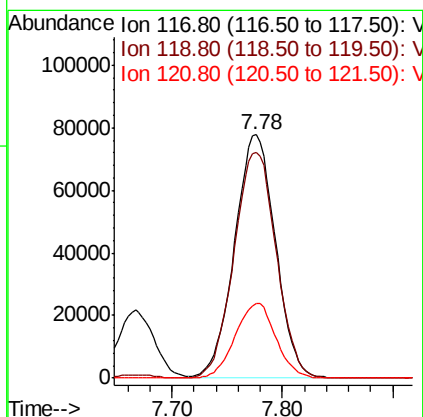
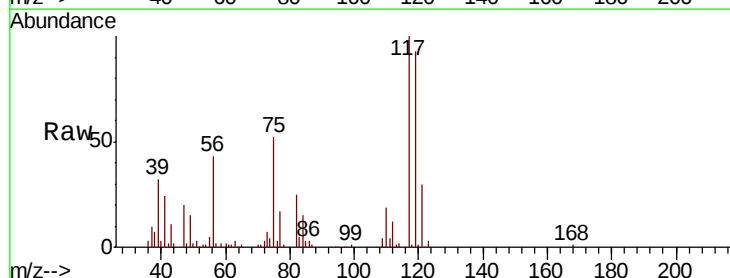
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0904WBS01

Tot Ion: 43 Resp: 104600  
Ion Ratio Lower Upper  
43 100  
61 15.3 12.0 18.0  
70 10.5 8.6 13.0



#38  
Carbon Tetrachloride  
Concen: 19.46 ug/l  
RT: 7.78 min Scan# 1924  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

Tgt Ion: 117 Resp: 199908  
Ion Ratio Lower Upper  
117 100  
119 92.7 76.3 114.5  
121 30.5 24.6 36.8

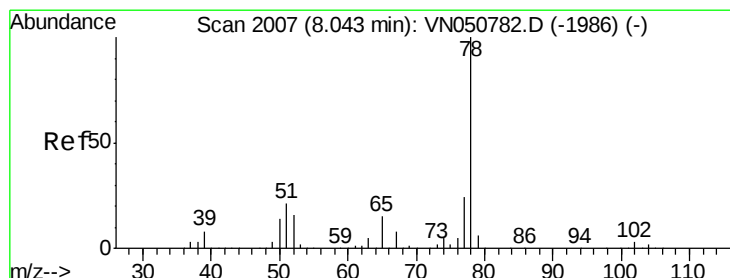
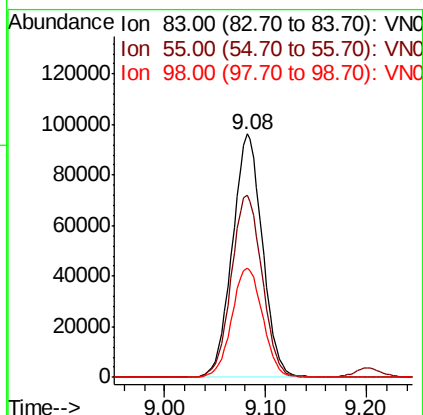
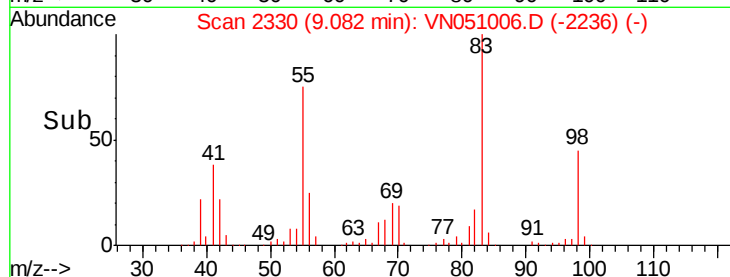
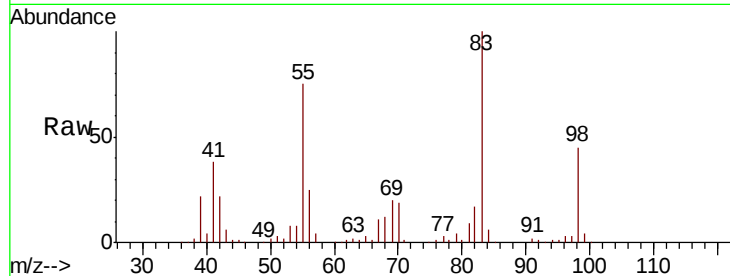




#39  
Methvlcvclohexane  
Concen: 18.09 ug/l  
RT: 9.08 min Scan# 2330  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

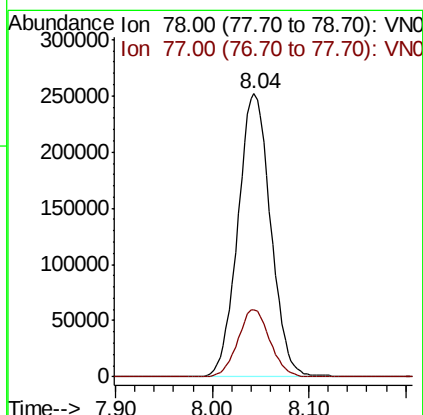
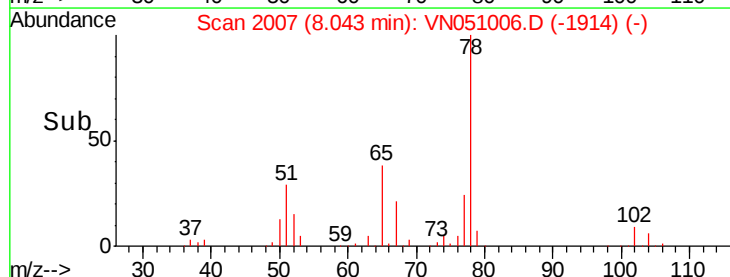
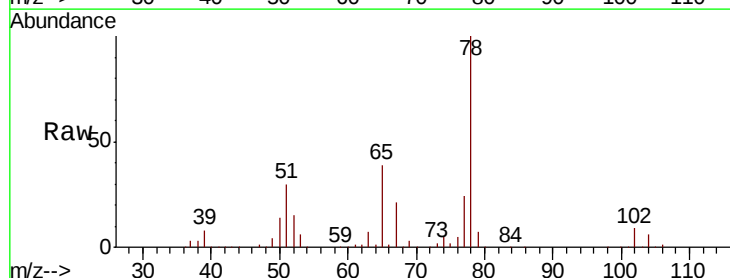
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0904WBS01

Tot Ion: 83 Resp: 198922  
Ion Ratio Lower Upper  
83 100  
55 75.0 61.0 91.4  
98 44.8 37.5 56.3



#40  
Benzene  
Concen: 19.36 ug/l  
RT: 8.04 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

Tgt Ion: 78 Resp: 593405  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.0 28.4

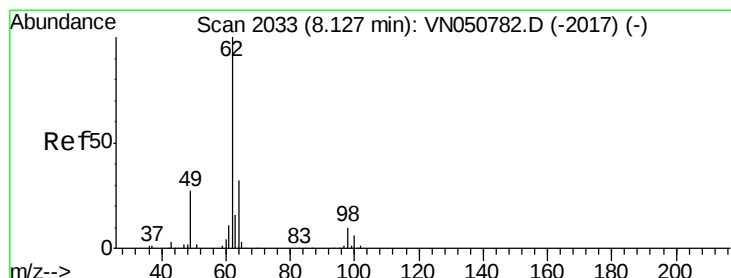
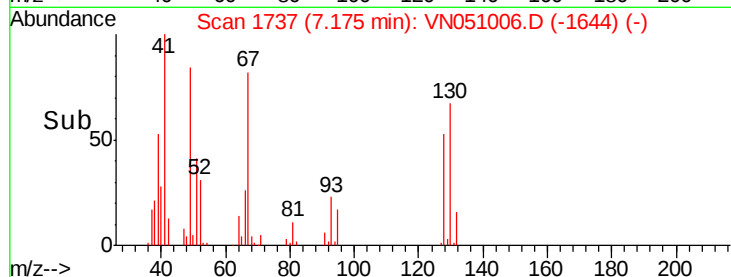
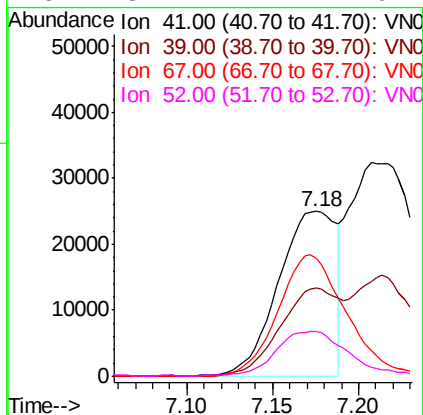
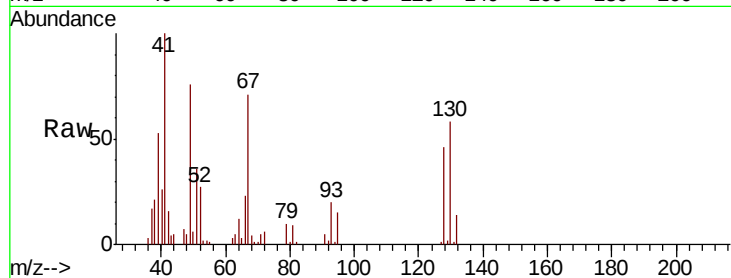




#41  
Methacrylonitrile  
Concen: 18.50 ug/l  
RT: 7.18 min Scan# 1737  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

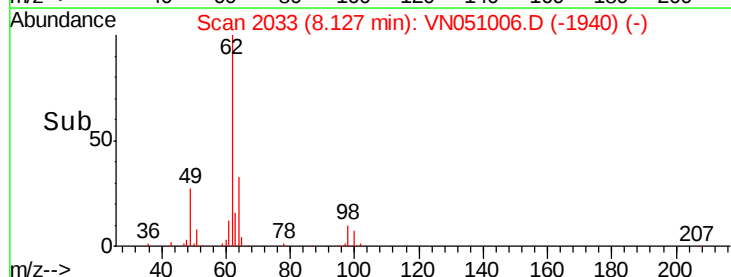
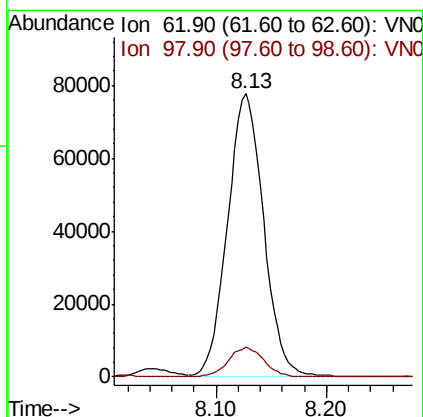
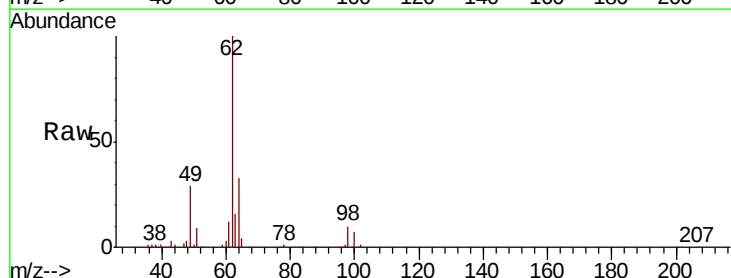
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0904WBS01

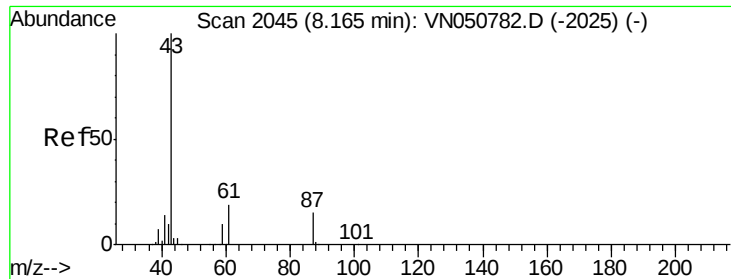
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 58445 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 55.3  | 45.4  | 68.0  |
| 67       | 86.9  | 70.6  | 106.0 |
| 52       | 34.2  | 27.1  | 40.7  |



#42  
1,2-Dichloroethane  
Concen: 19.15 ug/l  
RT: 8.13 min Scan# 2033  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 175521 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.4  | 0.0   | 19.6   |





#43

Isopropyl Acetate

Concen: 19.13 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VN0904WBS01

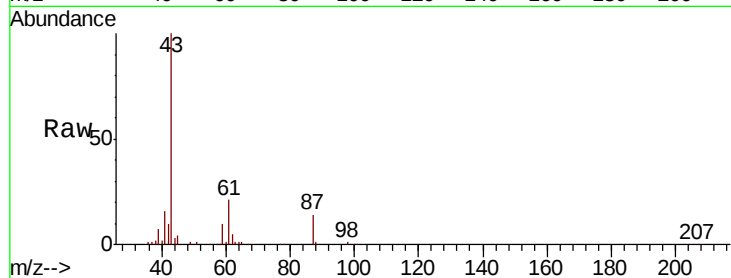
Tot Ion: 43 Resp: 192050

Ion Ratio Lower Upper

43 100

61 20.2 17.5 26.3

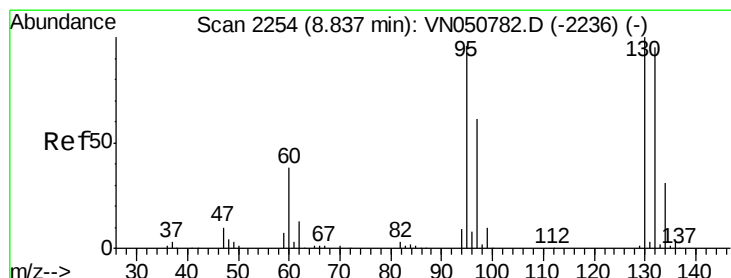
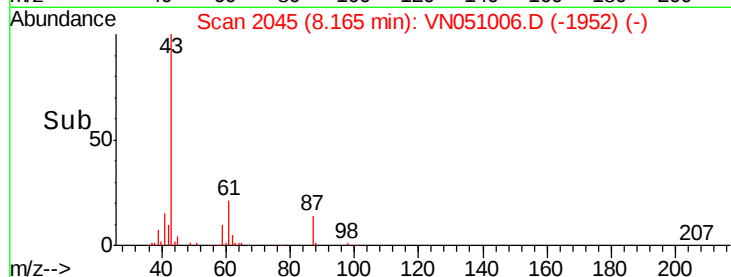
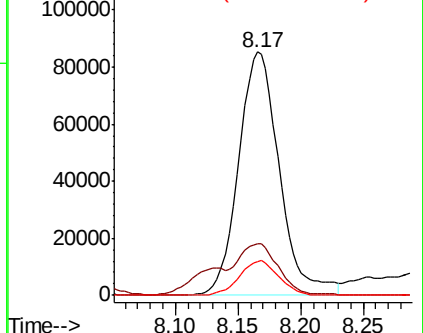
87 13.7 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN050782.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN050782.D (-2025) (-)



#44

Trichloroethene

Concen: 19.42 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN051006.D

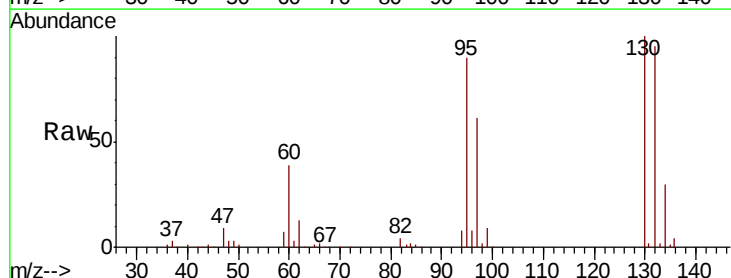
Acq: 4 Sep 2018 9:37

Tgt Ion:130 Resp: 156999

Ion Ratio Lower Upper

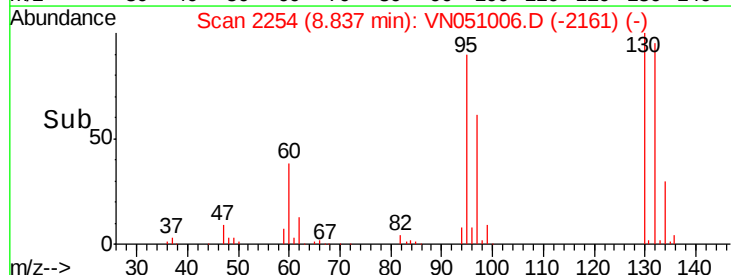
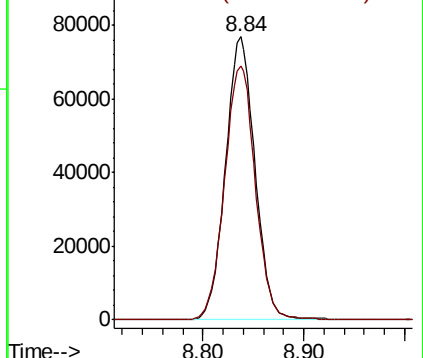
130 100

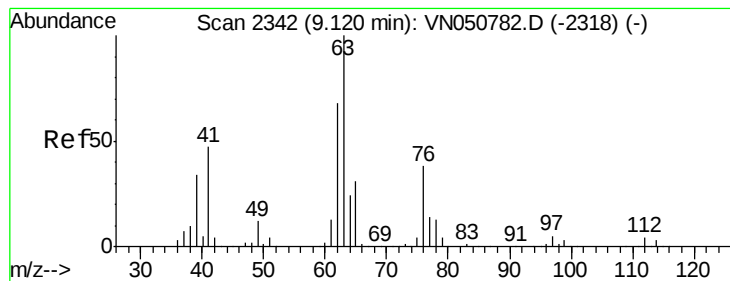
95 89.6 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VN050782.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN050782.D (-2236) (-)





#45

1,2-Dichloropropane

Concen: 19.50 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampled :

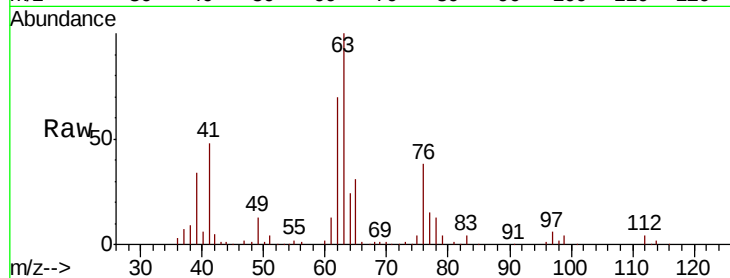
VN0904WBS01

Tot Ion: 63 Resp: 157059

Ion Ratio Lower Upper

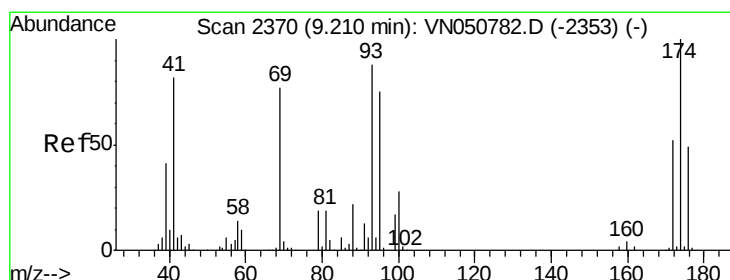
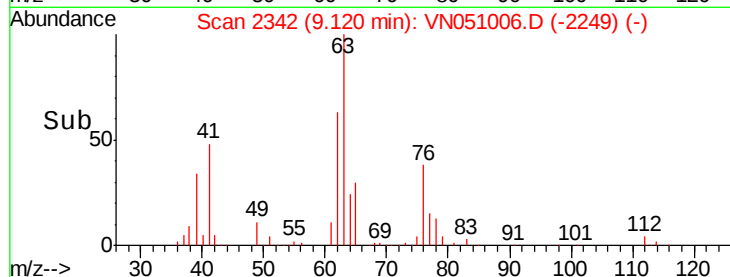
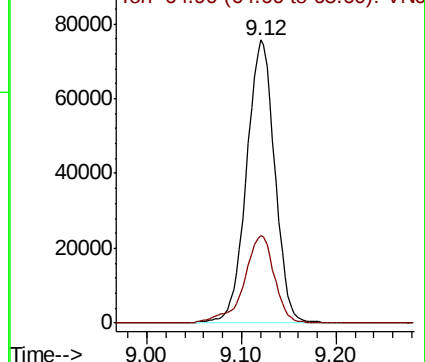
63 100

65 30.9 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.95 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

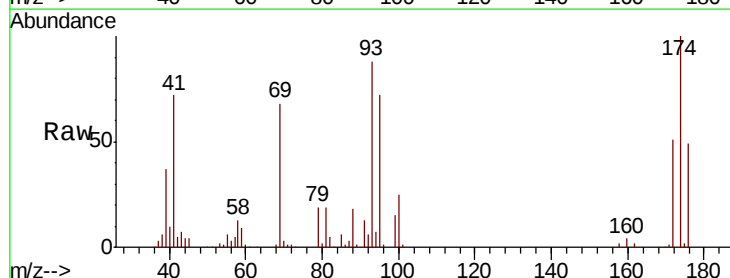
Tgt Ion: 93 Resp: 89677

Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

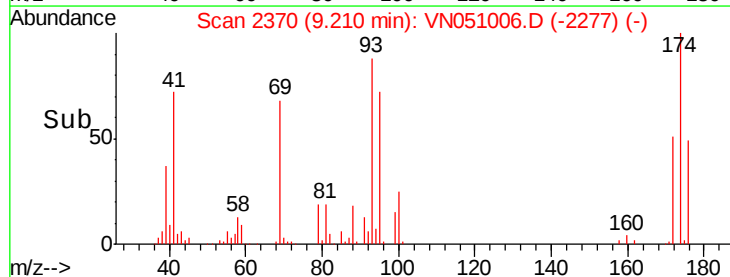
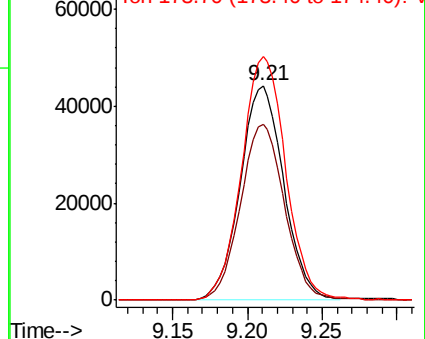
174 115.4 89.8 134.6

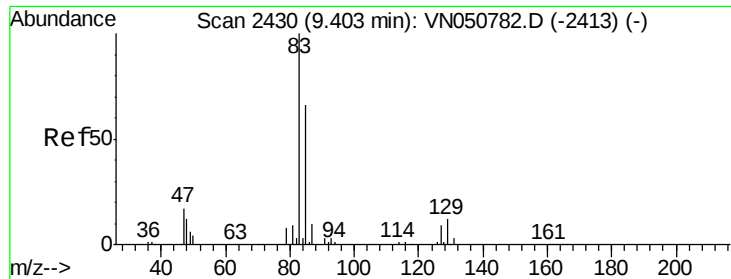


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

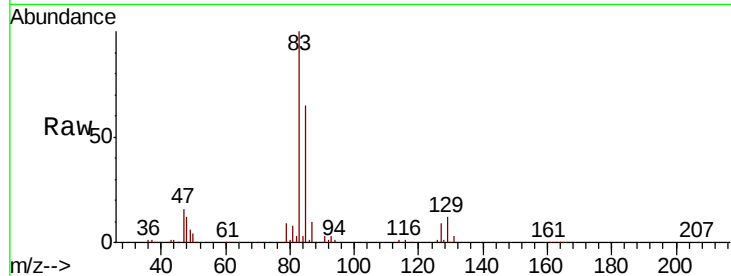




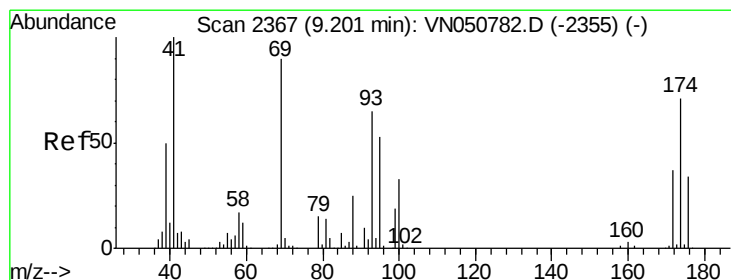
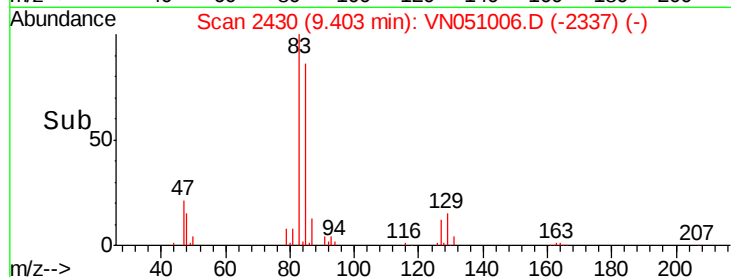
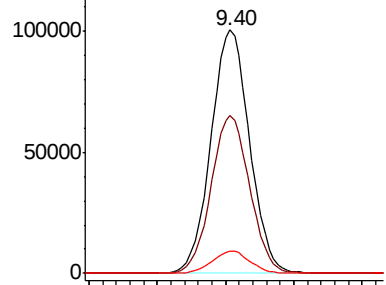
#47  
Bromodichloromethane  
Concen: 19.90 ug/l  
RT: 9.40 min Scan# 2430  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0904WBS01

Tot Ion: 83 Resp: 197249  
Ion Ratio Lower Upper  
83 100  
85 64.6 52.6 78.8  
127 9.2 7.2 10.8

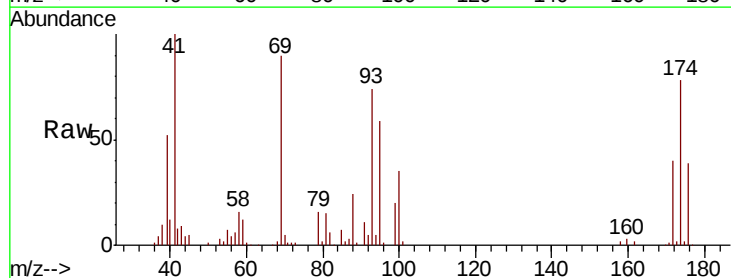


Abundance Ion 82.90 (82.60 to 83.60): VNC  
Ion 84.90 (84.60 to 85.60): VNC  
Ion 126.80 (126.50 to 127.50): V

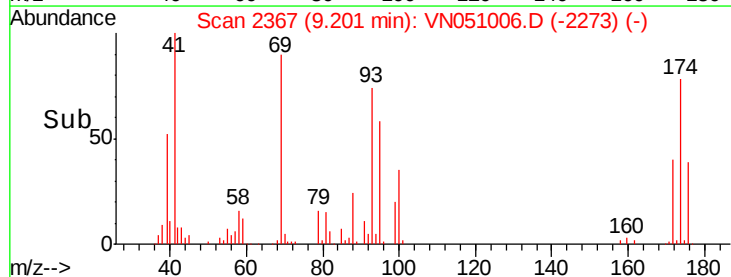
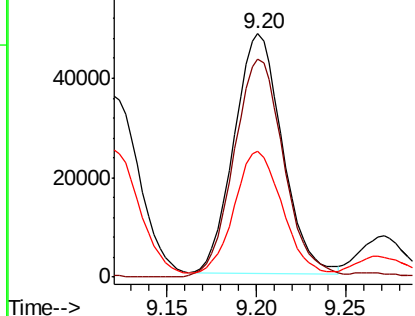


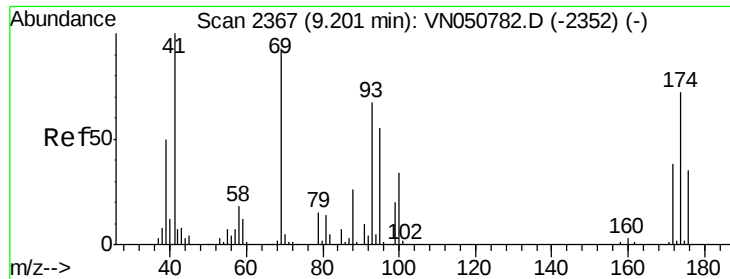
#48  
Methyl methacrylate  
Concen: 17.75 ug/l  
RT: 9.20 min Scan# 2367  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

Tgt Ion: 41 Resp: 90821  
Ion Ratio Lower Upper  
41 100  
69 94.7 74.7 112.1  
39 52.3 42.2 63.2



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





#49

1,4-Dioxane

Concen: 353.50 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VN0904WBS01

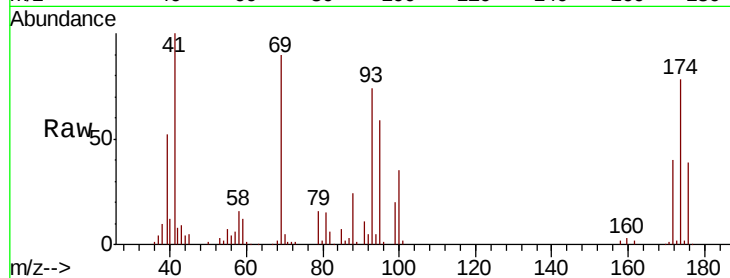
Tot Ion: 88 Resp: 24656

Ion Ratio Lower Upper

88 100

43 32.0 25.9 38.9

58 69.9 55.0 82.4

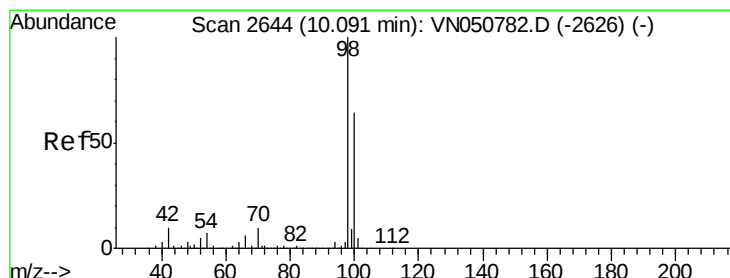
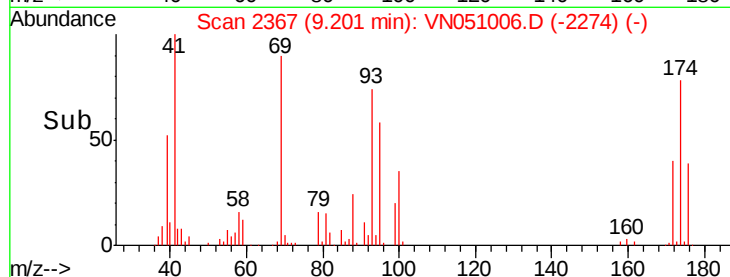
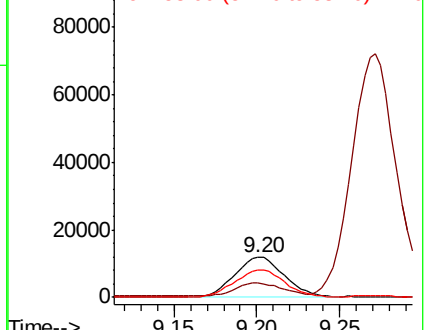


Abundance

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: 49.84 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN051006.D

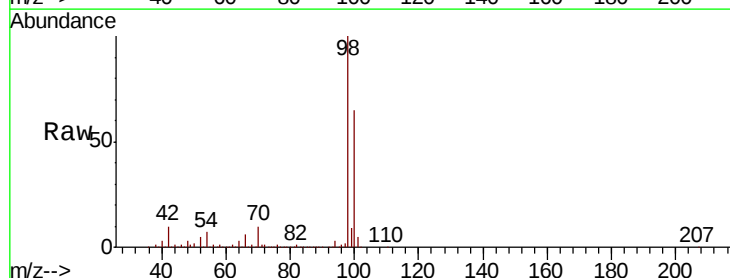
Acq: 4 Sep 2018 9:37

Tgt Ion: 98 Resp: 1276804

Ion Ratio Lower Upper

98 100

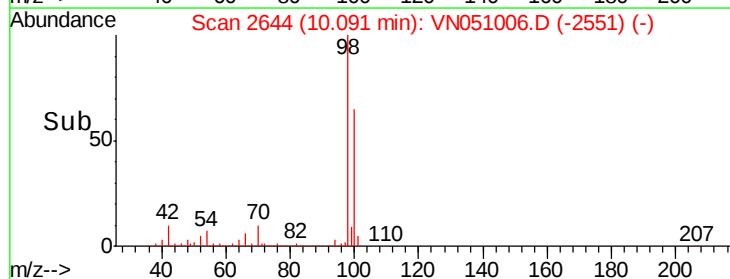
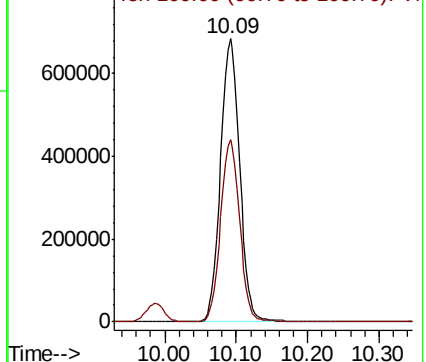
100 64.3 51.5 77.3

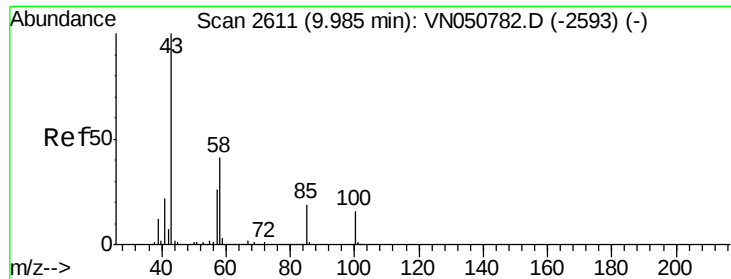


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

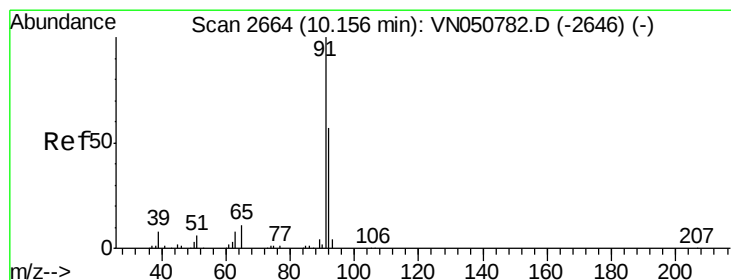
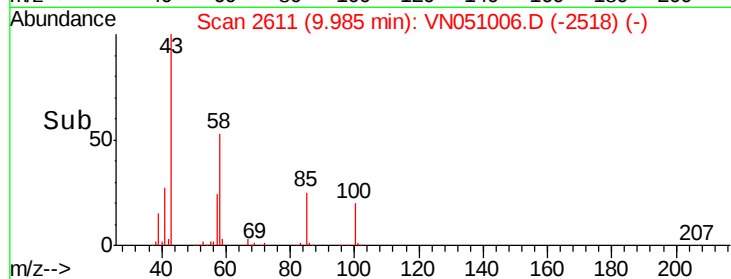
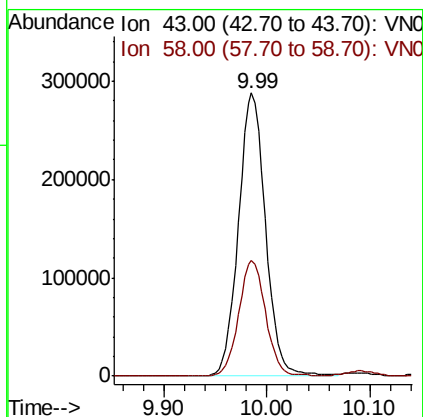
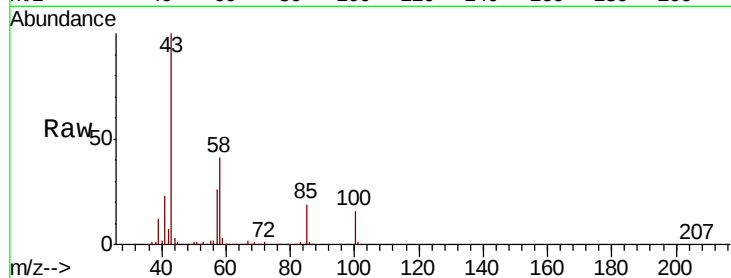




#51  
 4-Methyl-2-Pentanone  
 Concen: 87.62 ug/l  
 RT: 9.99 min Scan# 2611  
 Delta R.T. 0.00 min  
 Lab File: VN051006.D  
 Acq: 4 Sep 2018 9:37

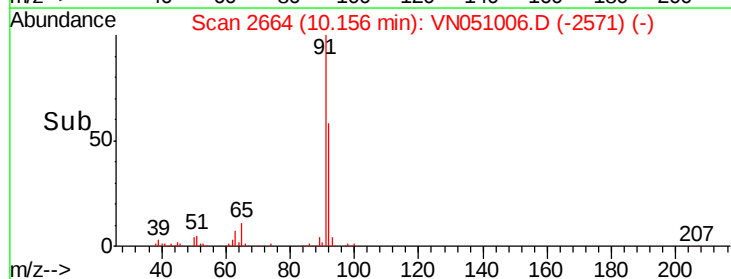
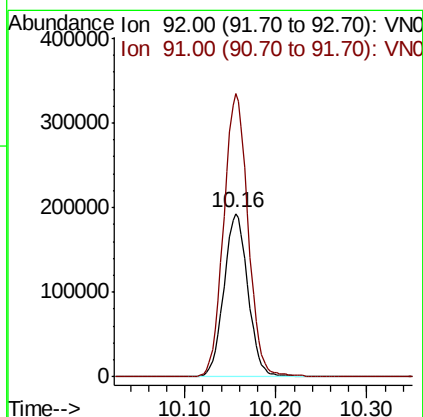
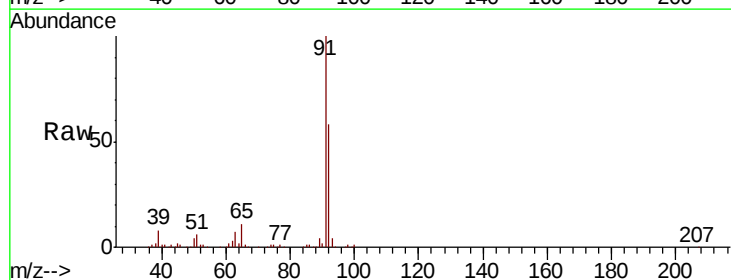
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0904WBS01

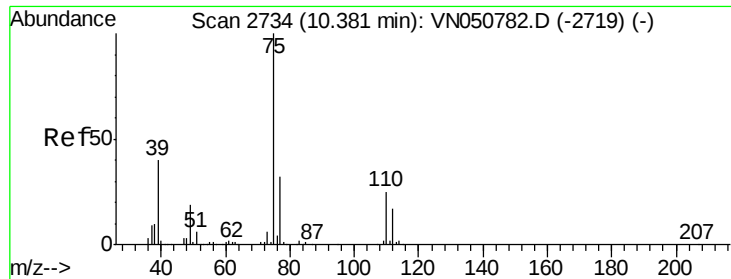
Tot Ion: 43 Resp: 524938  
 Ion Ratio Lower Upper  
 43 100  
 58 40.9 32.4 48.6



#52  
 Toluene  
 Concen: 19.60 ug/l  
 RT: 10.16 min Scan# 2664  
 Delta R.T. 0.00 min  
 Lab File: VN051006.D  
 Acq: 4 Sep 2018 9:37

Tgt Ion: 92 Resp: 355892  
 Ion Ratio Lower Upper  
 92 100  
 91 175.3 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 18.10 ug/l

RT: 10.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampled :

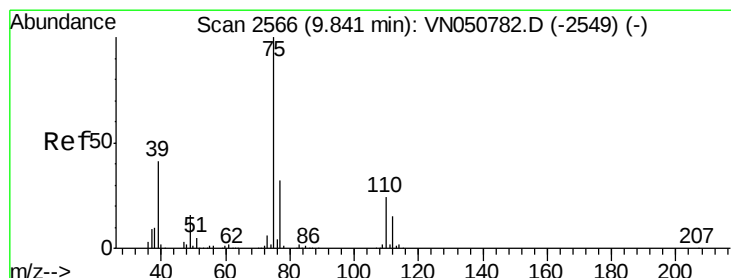
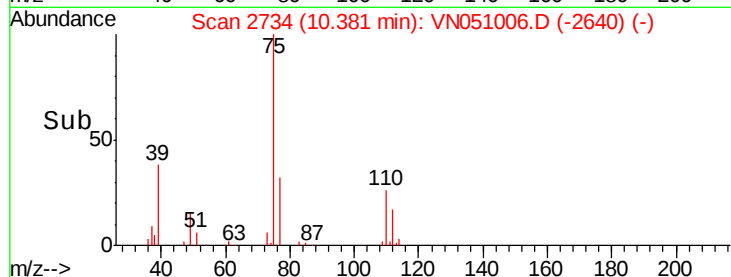
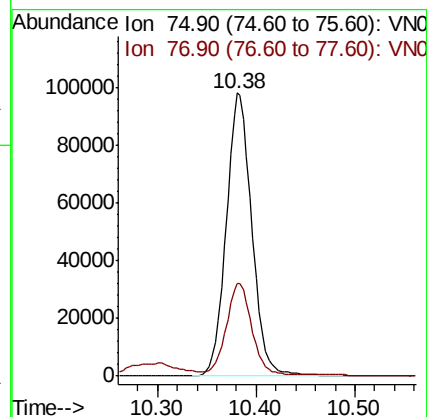
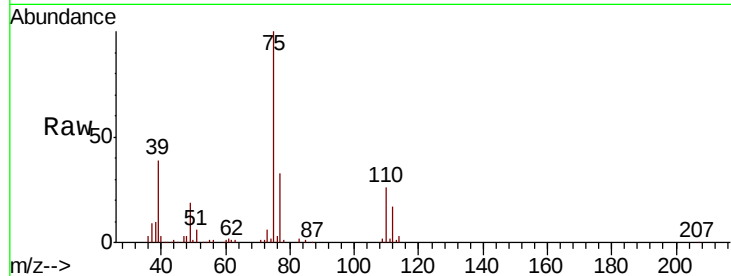
VN0904WBS01

Tot Ion: 75 Resp: 178655

Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 19.33 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

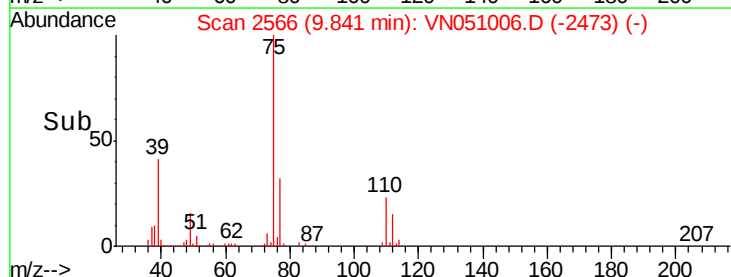
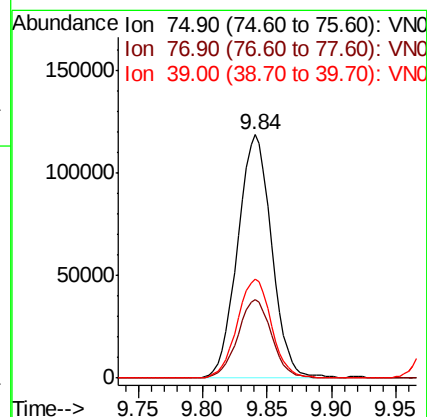
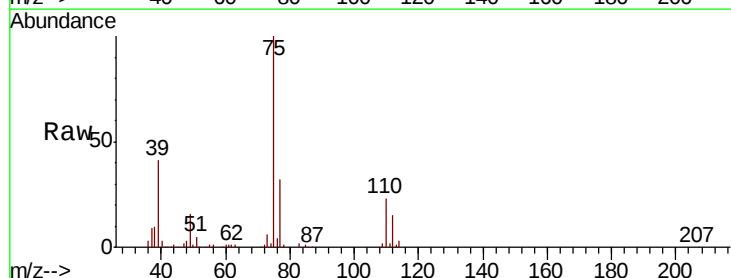
Tgt Ion: 75 Resp: 218416

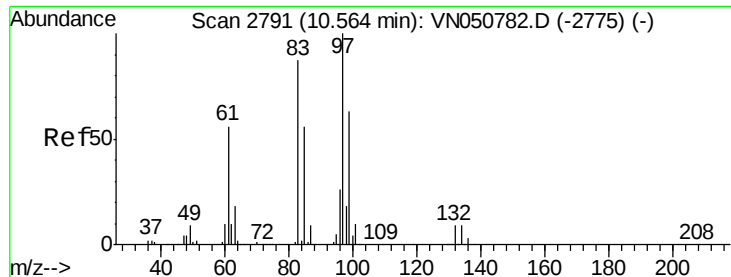
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

39 40.5 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 19.34 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

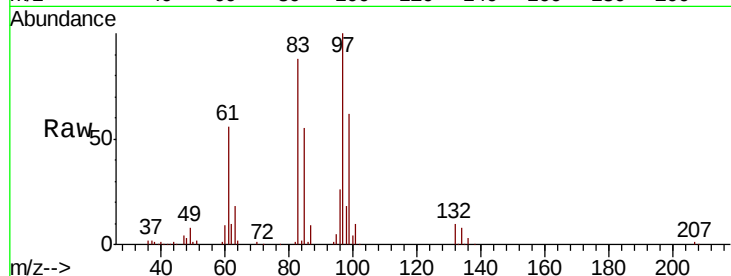
MSVOA\_N

ClientSampled :

VN0904WBS01

Tot Ion: 97 Resp: 130336

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.3  | 69.7  | 104.5 |
| 85  | 54.6  | 44.5  | 66.7  |
| 99  | 61.8  | 50.7  | 76.1  |

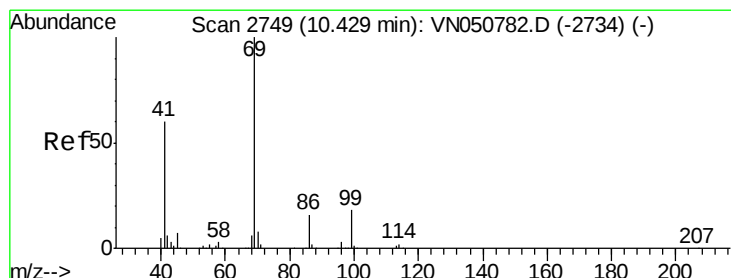
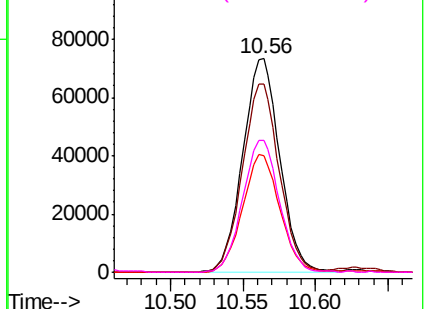
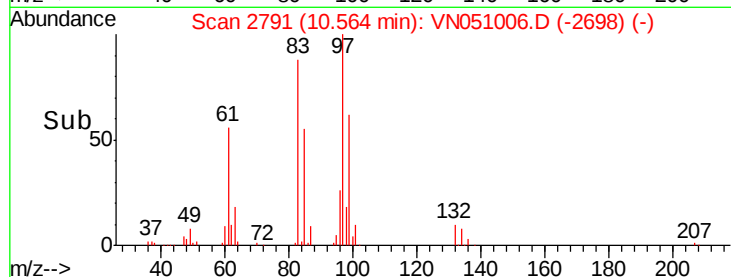


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.51 ug/l

RT: 10.43 min Scan# 2749

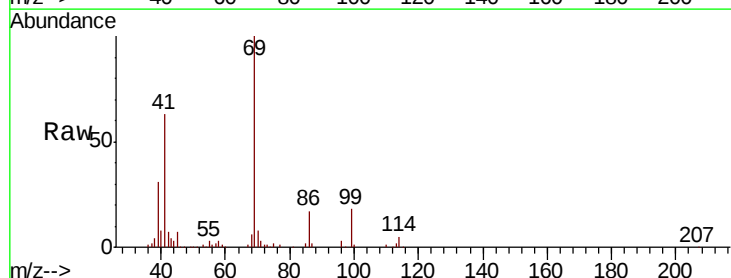
Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Tgt Ion: 69 Resp: 139428

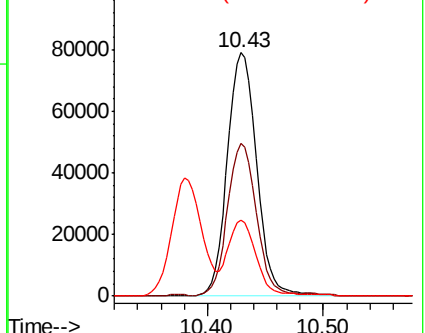
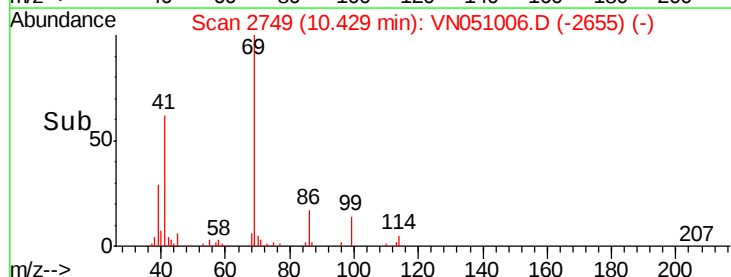
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.0  | 48.3  | 72.5  |
| 39  | 29.6  | 24.0  | 36.0  |



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.48 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampled :

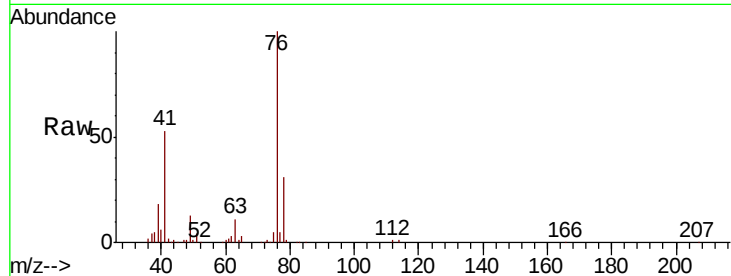
VN0904WBS01

Tot Ion: 76 Resp: 216633

Ion Ratio Lower Upper

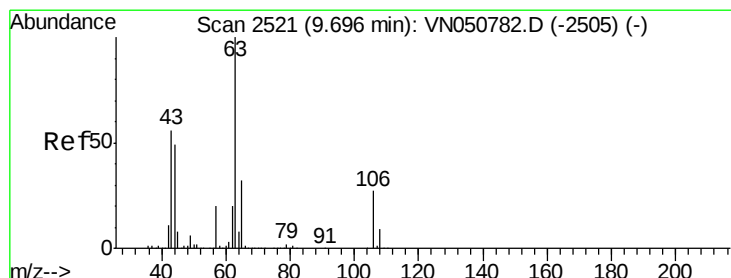
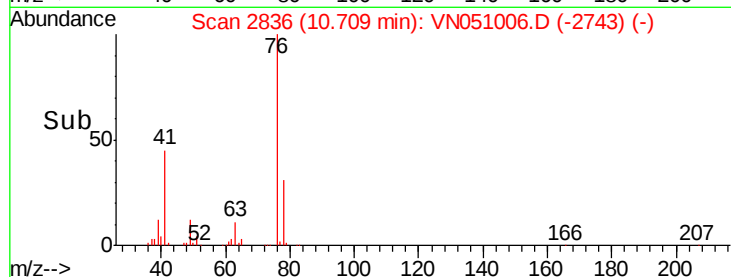
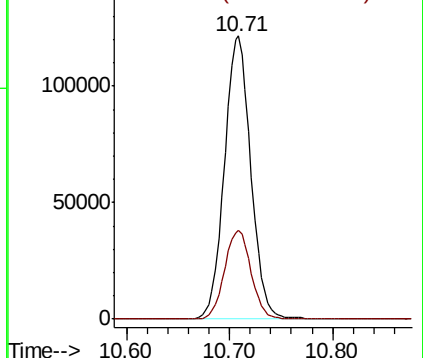
76 100

78 31.5 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 82.52 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN051006.D

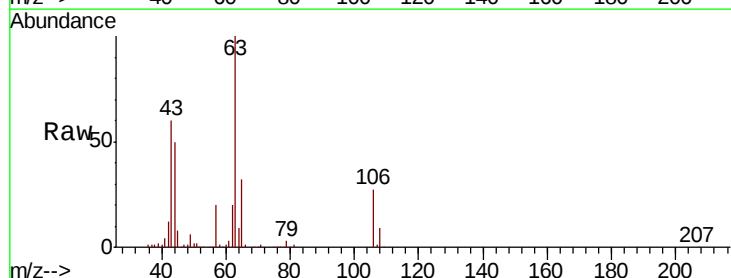
Acq: 4 Sep 2018 9:37

Tgt Ion: 63 Resp: 282740

Ion Ratio Lower Upper

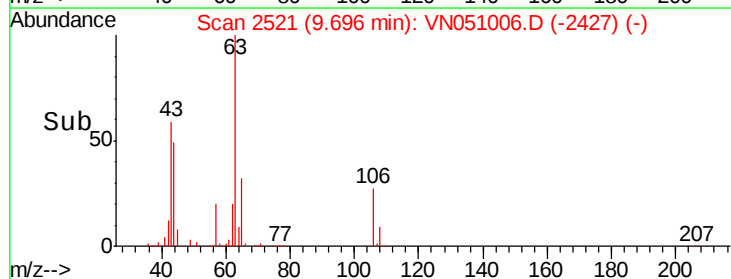
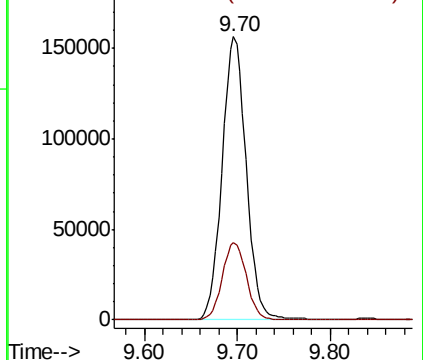
63 100

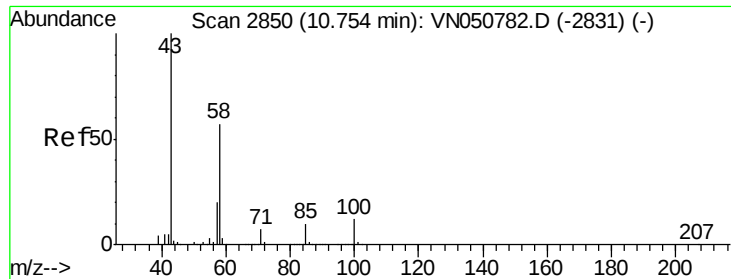
106 27.3 21.9 32.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 81.13 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

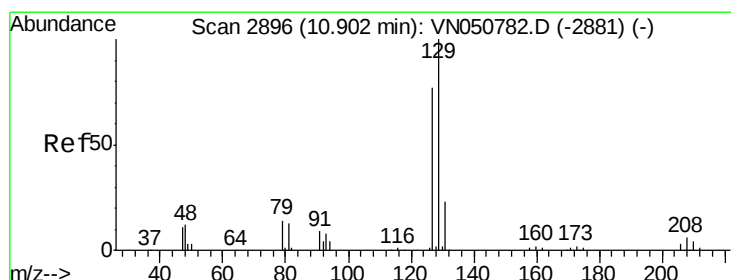
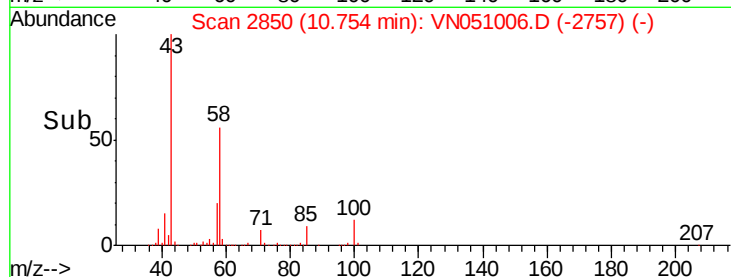
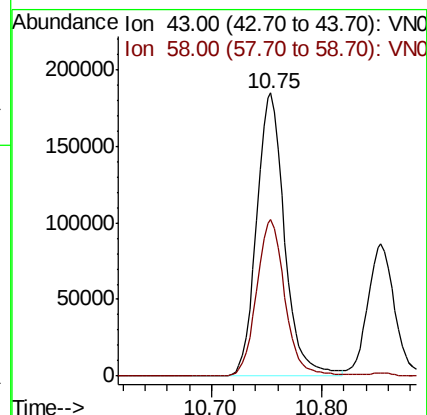
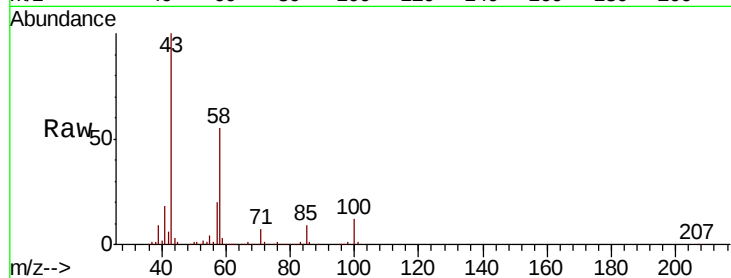
VN0904WBS01

Tot Ion: 43 Resp: 323569

Ion Ratio Lower Upper

43 100

58 56.3 28.3 85.0



#60

Dibromochloromethane

Concen: 19.32 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. 0.00 min

Lab File: VN051006.D

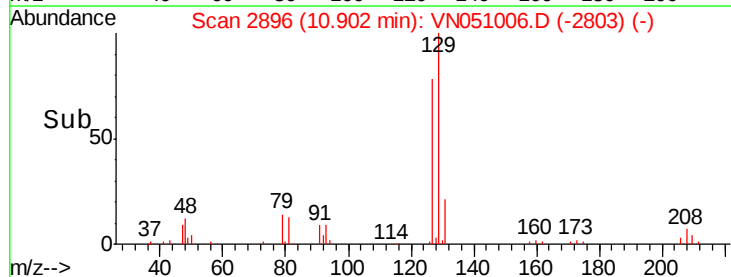
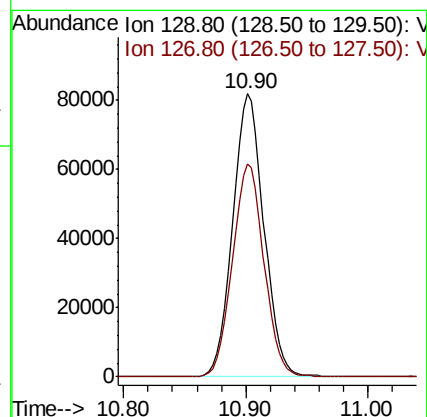
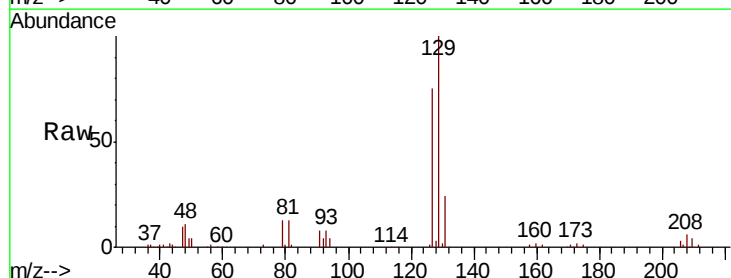
Acq: 4 Sep 2018 9:37

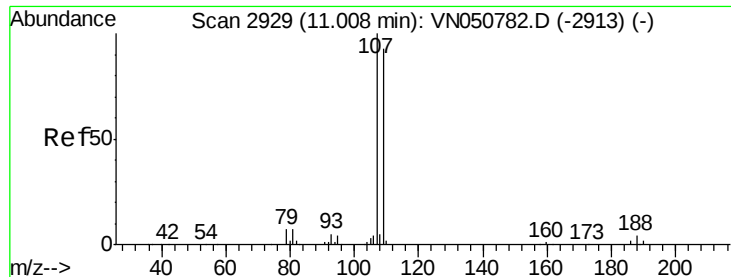
Tgt Ion: 129 Resp: 145810

Ion Ratio Lower Upper

129 100

127 76.0 38.3 114.9





#61

1,2-Dibromoethane

Concen: 18.57 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

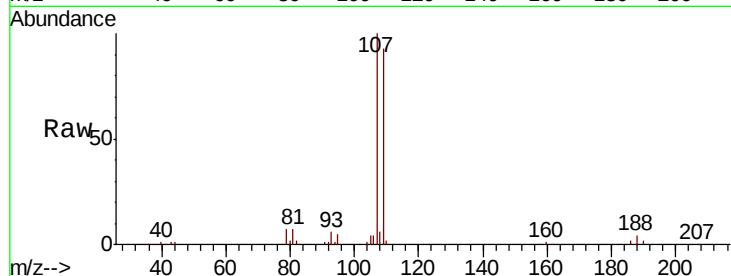
VN0904WBS01

Tot Ion:107 Resp: 121043

Ion Ratio Lower Upper

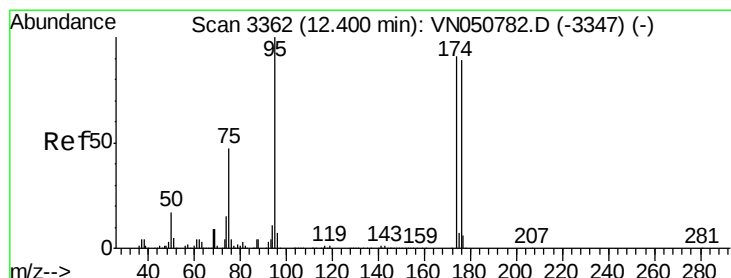
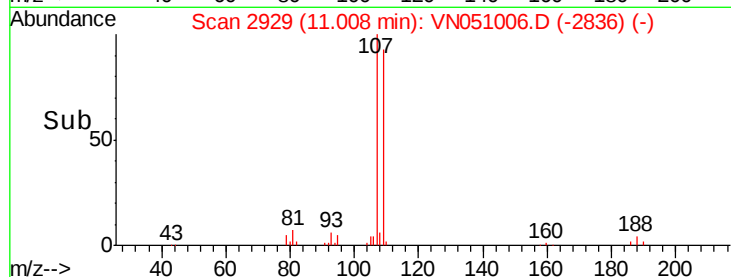
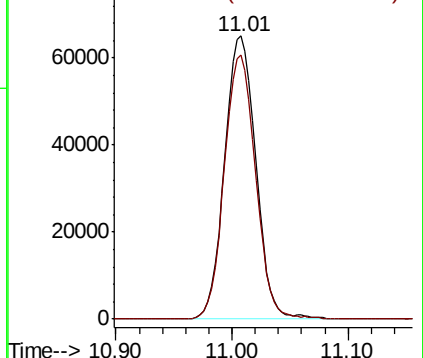
107 100

109 93.5 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.51 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

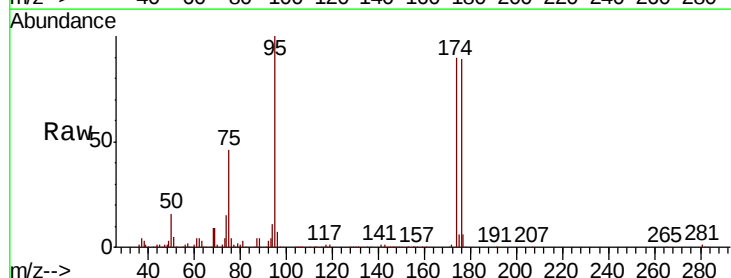
Tgt Ion: 95 Resp: 395958

Ion Ratio Lower Upper

95 100

174 91.7 0.0 183.0

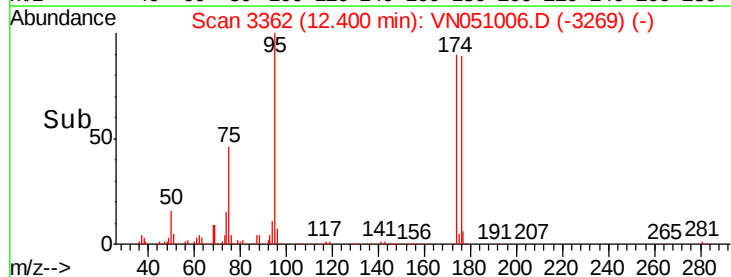
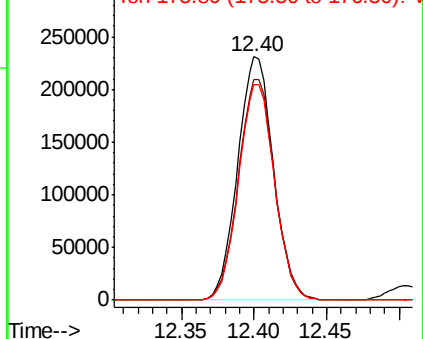
176 89.1 0.0 178.8

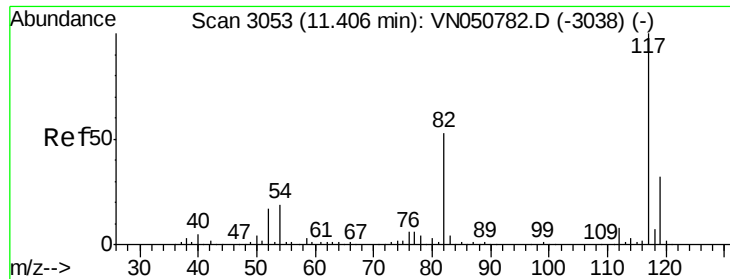


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

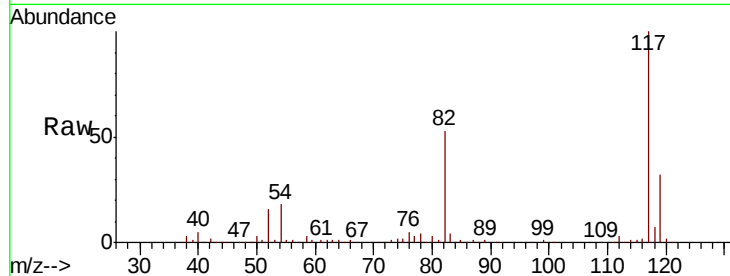




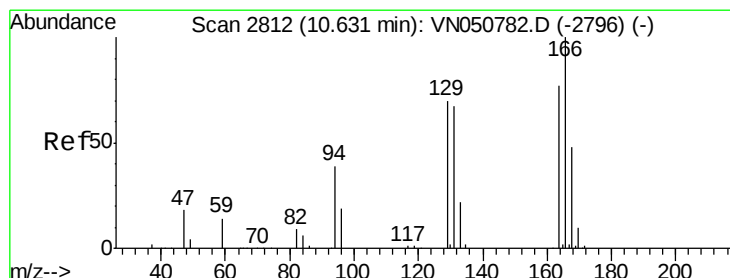
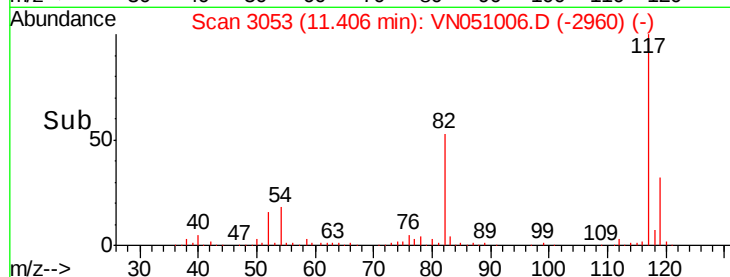
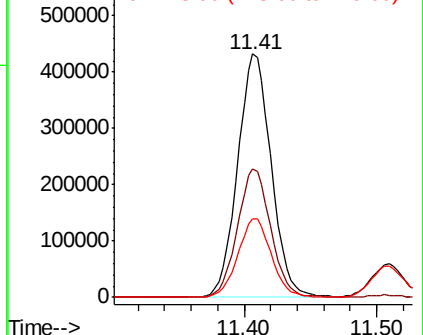
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 3053  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0904WBS01

Tot Ion:117 Resp: 760063  
Ion Ratio Lower Upper  
117 100  
82 52.9 42.6 64.0  
119 32.3 25.8 38.6

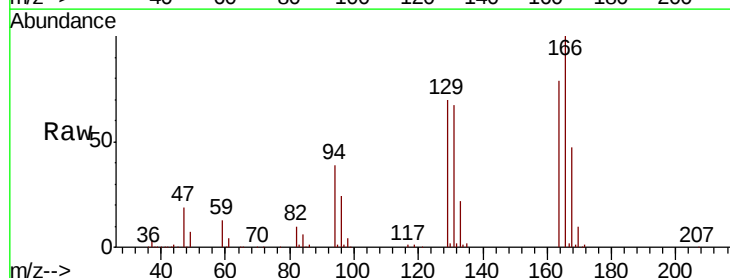


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

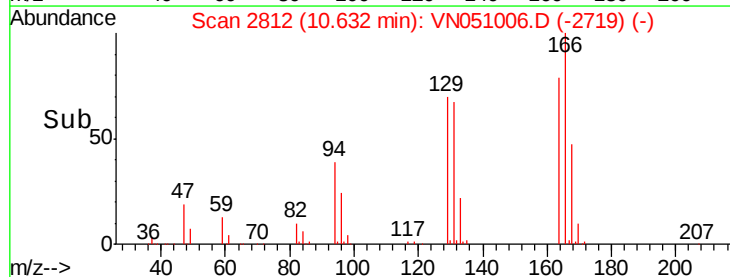
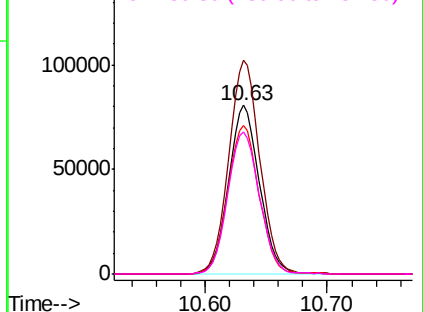


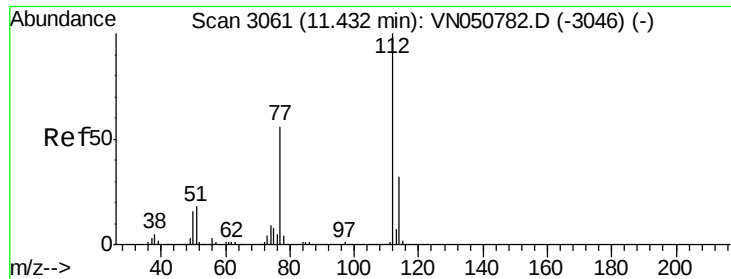
#64  
Tetrachloroethene  
Concen: 19.73 ug/l  
RT: 10.63 min Scan# 2812  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

Tgt Ion:164 Resp: 142444  
Ion Ratio Lower Upper  
164 100  
166 126.5 103.5 155.3  
129 87.9 72.7 109.1  
131 84.2 69.5 104.3



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

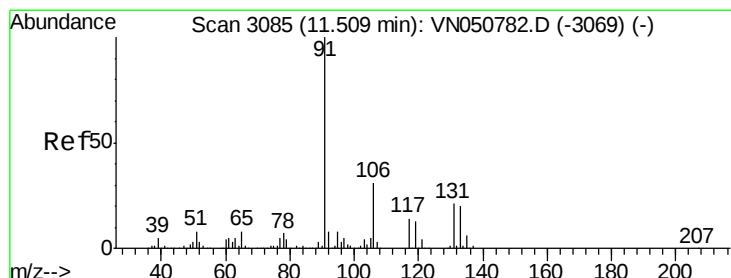
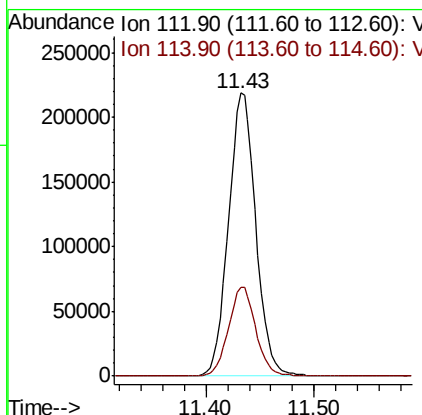
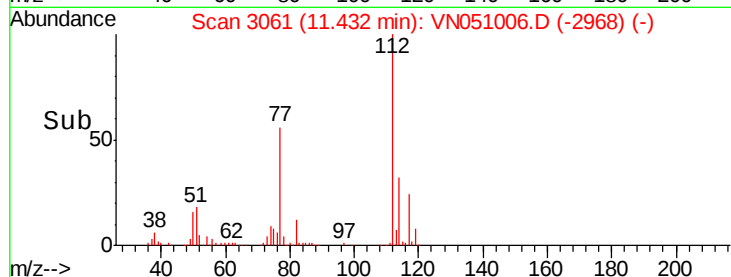
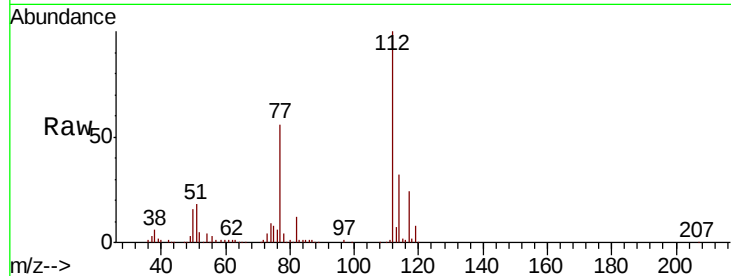




#65  
Chlorobenzene  
Concen: 19.42 ug/l  
RT: 11.43 min Scan# 3061  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

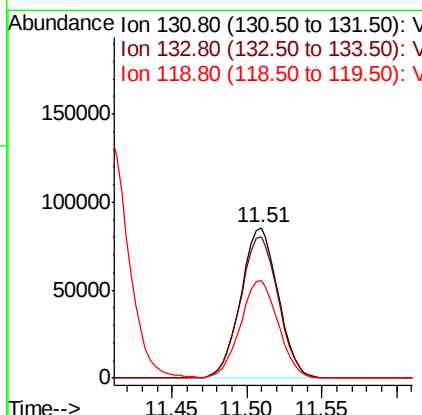
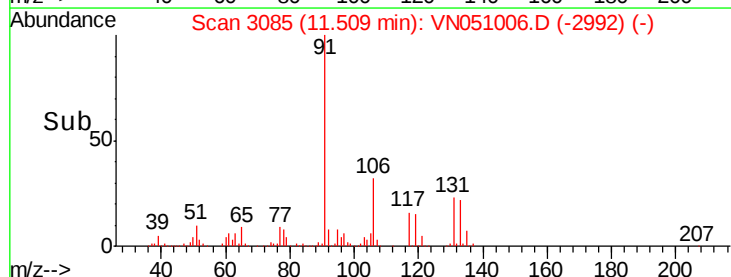
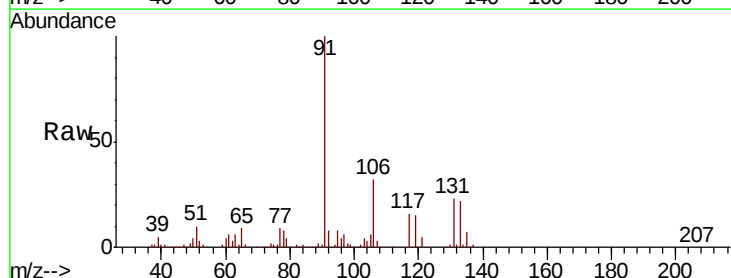
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0904WBS01

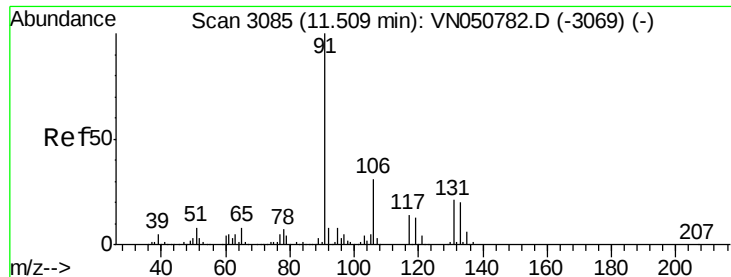
Tot Ion:112 Resp: 385772  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.42 ug/l  
RT: 11.51 min Scan# 3085  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

Tgt Ion:131 Resp: 148453  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.4 142.3  
119 65.9 32.8 98.4

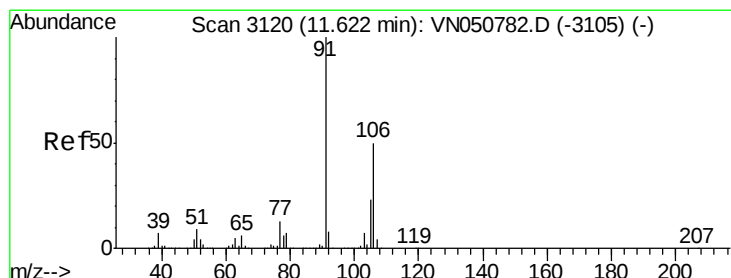
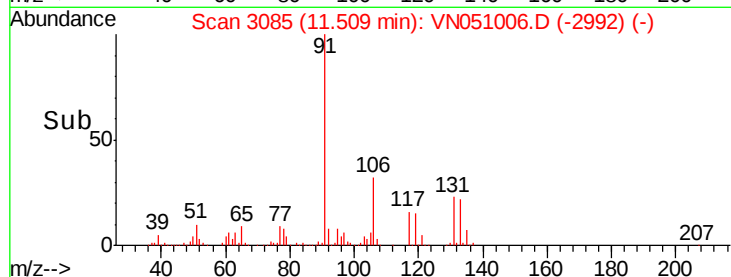
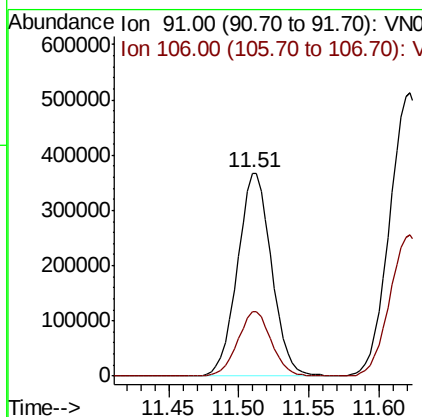
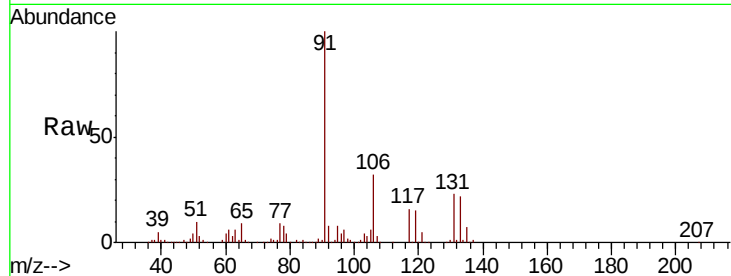




#67  
Ethyl Benzene  
Concen: 19.23 ug/l  
RT: 11.51 min Scan# 3085  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

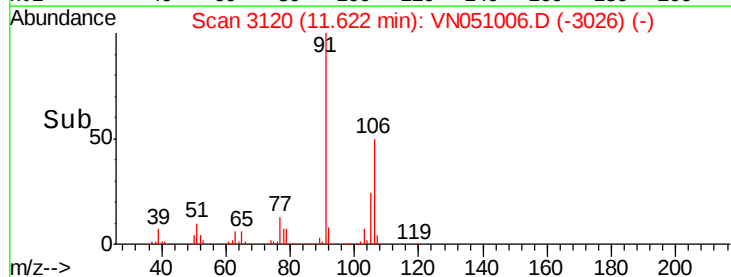
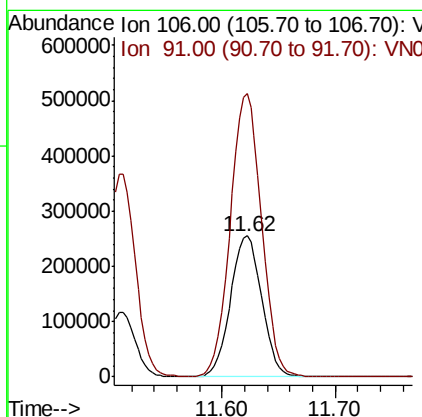
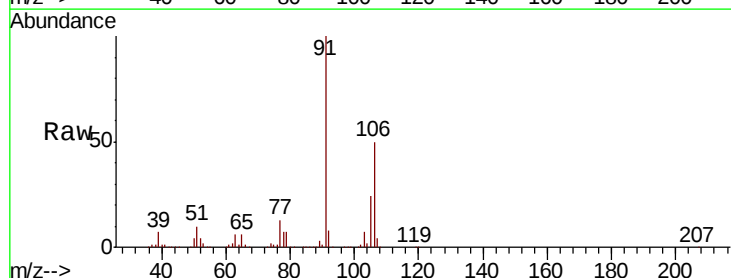
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0904WBS01

Tot Ion: 91 Resp: 621191  
Ion Ratio Lower Upper  
91 100  
106 32.0 25.0 37.4



#68  
m/p-Xylenes  
Concen: 39.93 ug/l  
RT: 11.62 min Scan# 3120  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

Tgt Ion:106 Resp: 489564  
Ion Ratio Lower Upper  
106 100  
91 200.1 161.0 241.6

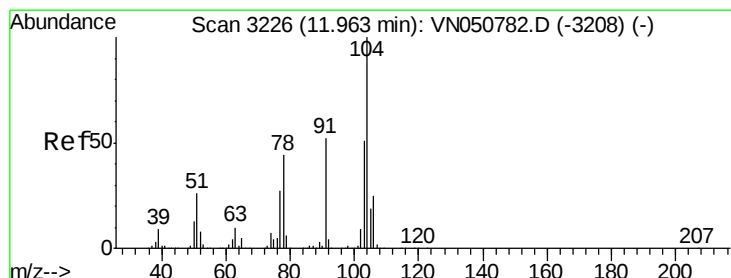
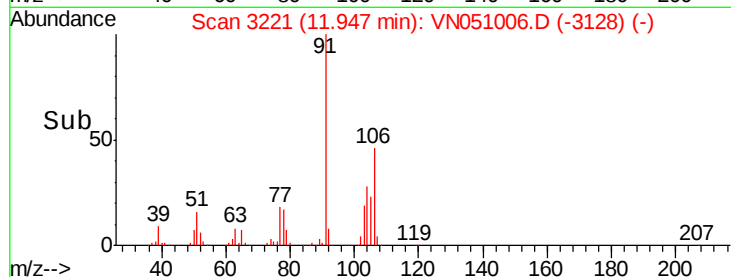
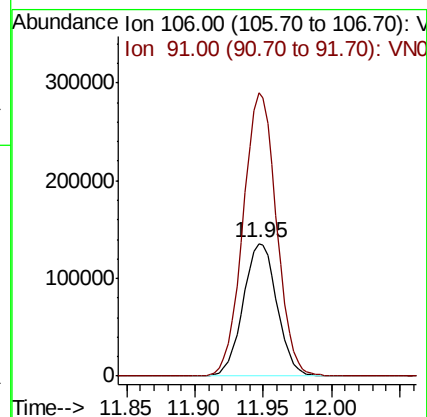
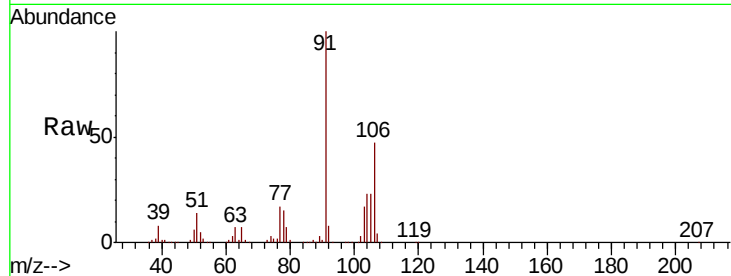




#69  
o-Xylene  
Concen: 19.78 ug/l  
RT: 11.95 min Scan# 3221  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

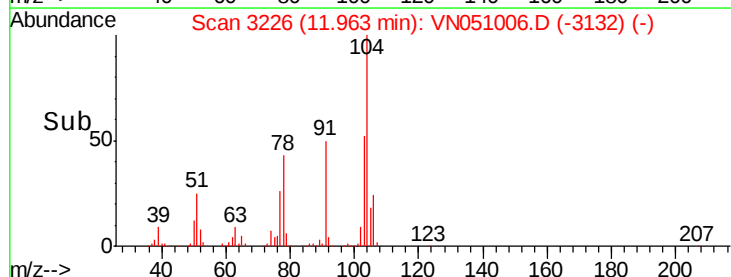
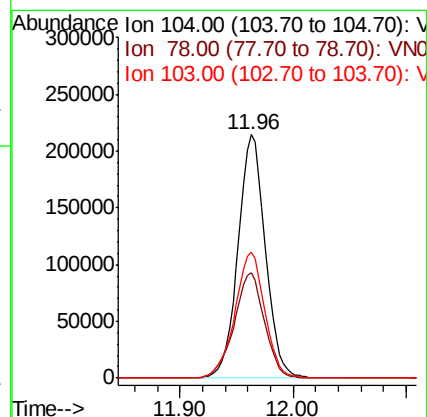
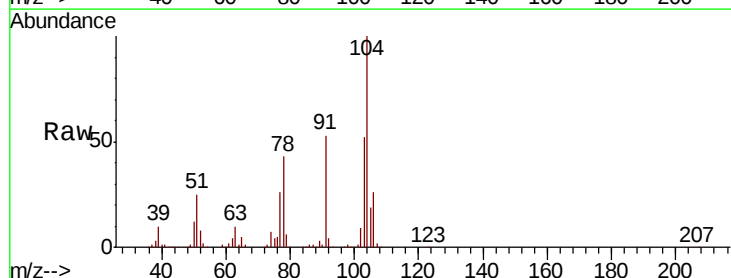
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0904WBS01

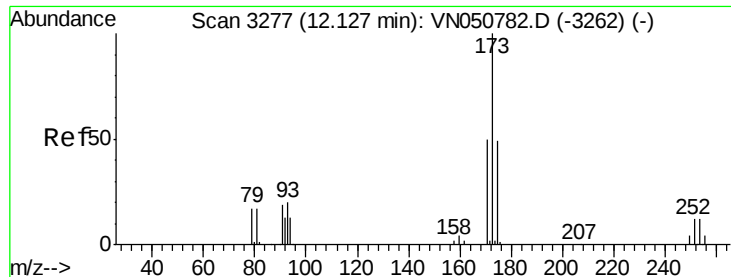
Tot Ion:106 Resp: 233067  
Ion Ratio Lower Upper  
106 100  
91 211.3 106.5 319.5



#70  
Styrene  
Concen: 18.21 ug/l  
RT: 11.96 min Scan# 3226  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

Tgt Ion:104 Resp: 361113  
Ion Ratio Lower Upper  
104 100  
78 48.0 38.2 57.4  
103 56.5 44.4 66.6

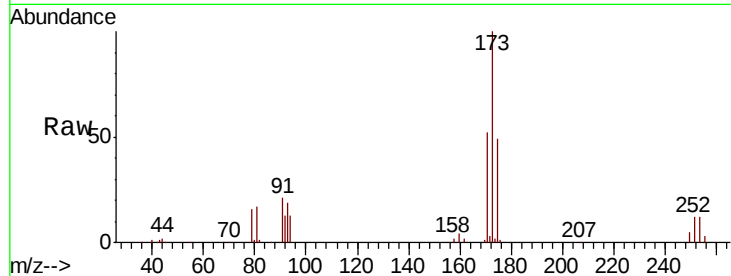




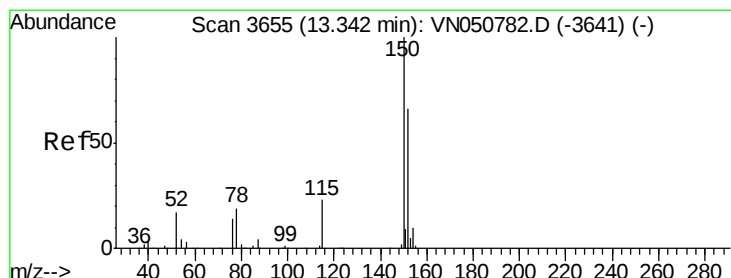
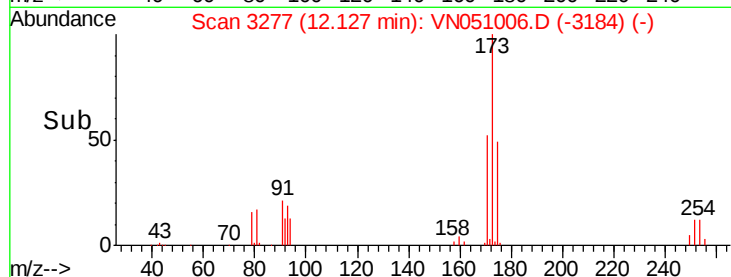
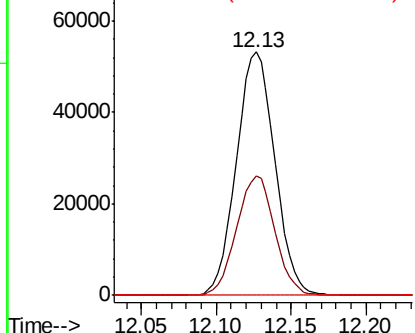
#71  
Bromoform  
Concen: 19.07 ug/l  
RT: 12.13 min Scan# 3277  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0904WBS01

Tot Ion:173 Resp: 95320  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.4 73.4  
254 0.0 0.1 0.1#

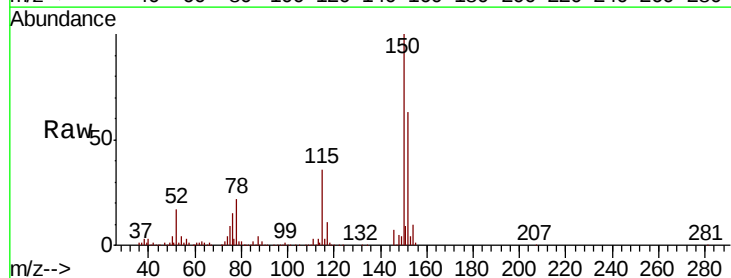


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

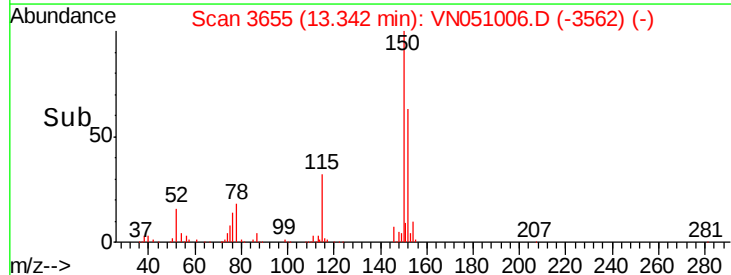
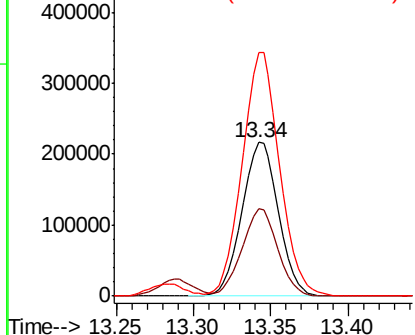


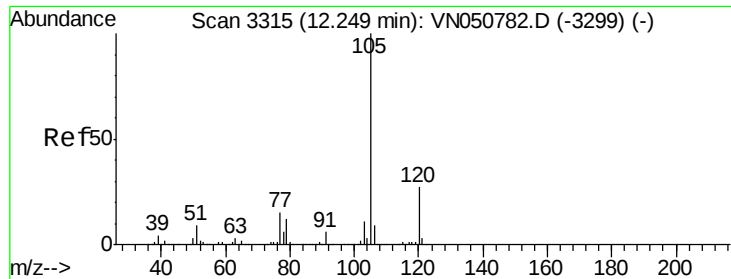
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.34 min Scan# 3655  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

Tgt Ion:152 Resp: 354742  
Ion Ratio Lower Upper  
152 100  
115 55.8 27.8 83.4  
150 162.9 0.0 351.4



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





#73

Isopropylbenzene

Concen: 21.21 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

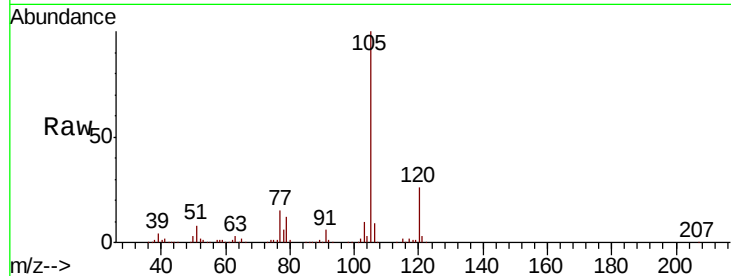
VN0904WBS01

Tot Ion:105 Resp: 623019

Ion Ratio Lower Upper

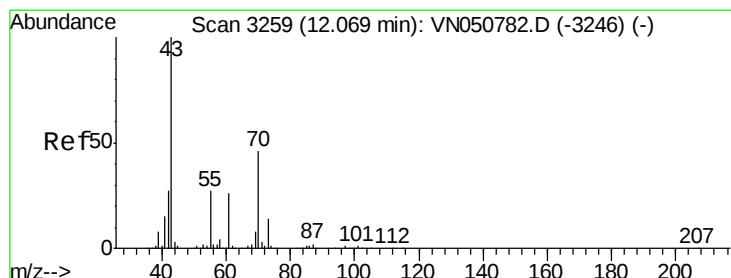
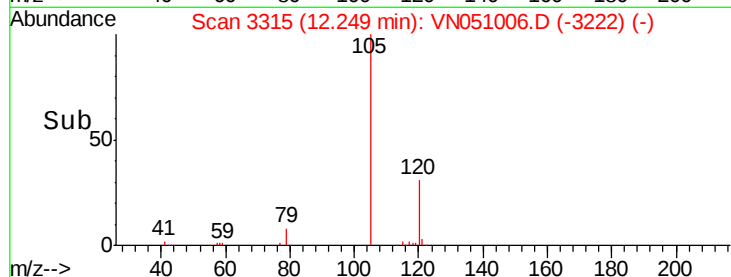
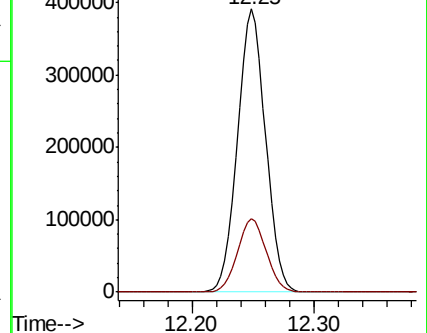
105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.61 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Tgt Ion: 43 Resp: 130006

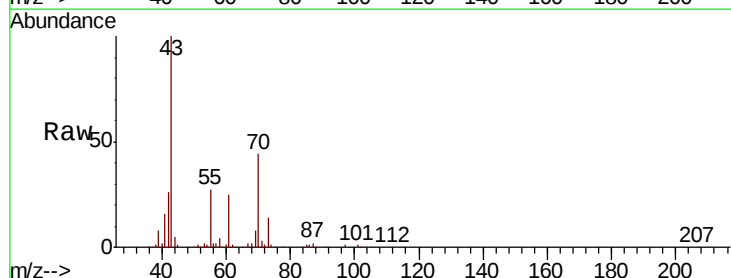
Ion Ratio Lower Upper

43 100

70 44.4 36.2 54.2

55 27.9 21.8 32.8

61 25.4 20.5 30.7

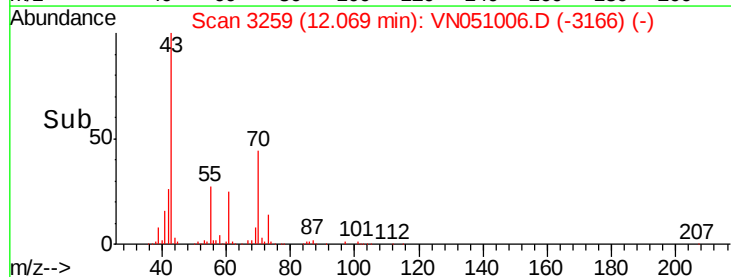
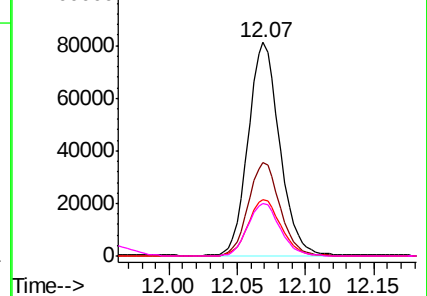


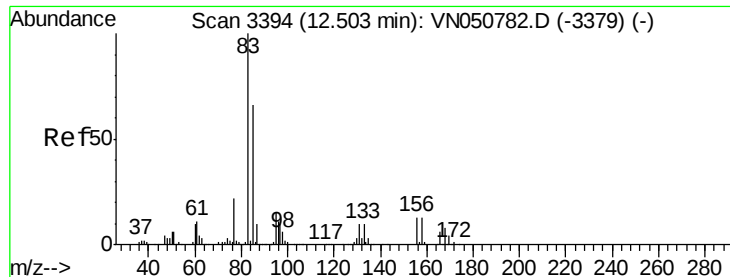
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 20.75 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VN0904WBS01

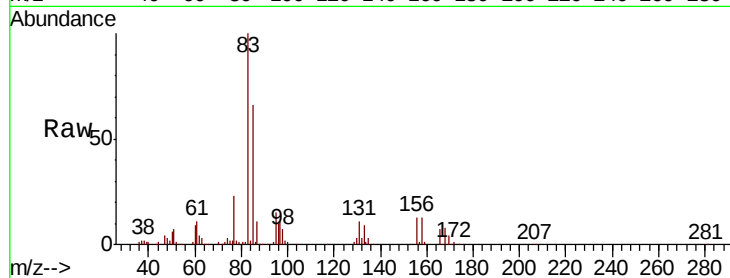
Tot Ion: 83 Resp: 152013

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 10.7  | 5.3   | 15.9  |
| 85  | 64.6  | 31.9  | 95.7  |

83 100

131 10.7 5.3 15.9

85 64.6 31.9 95.7

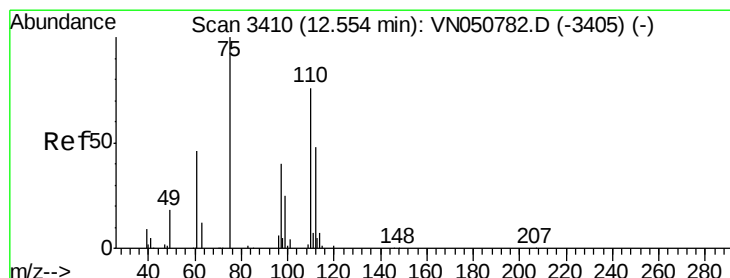
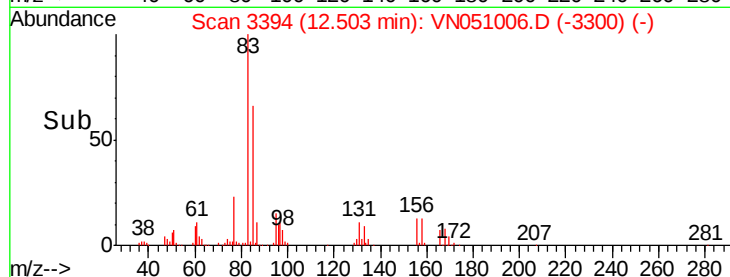
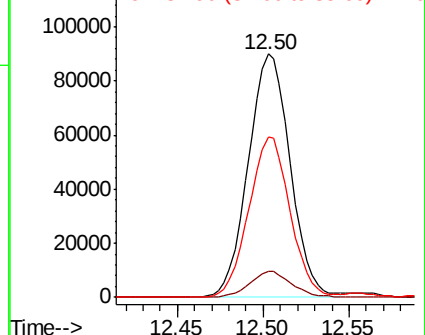


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.82 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN051006.D

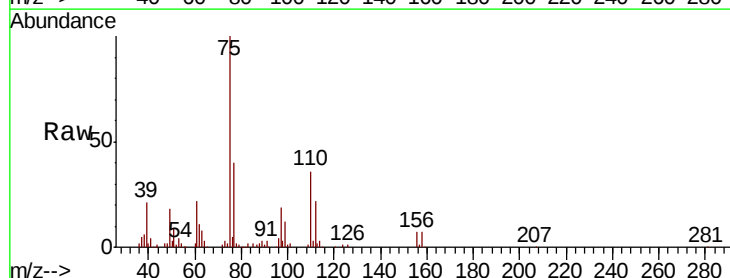
Acq: 4 Sep 2018 9:37

Tgt Ion: 75 Resp: 172851

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 0.0   | 0.0   | 0.0   |

75 100

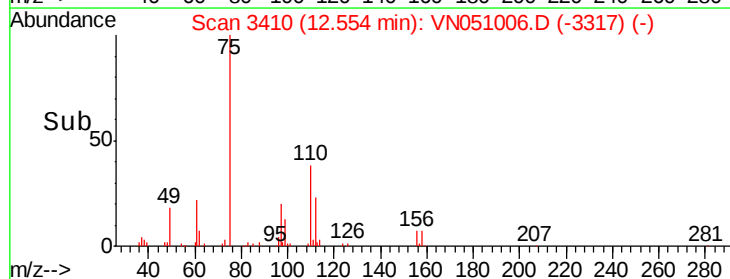
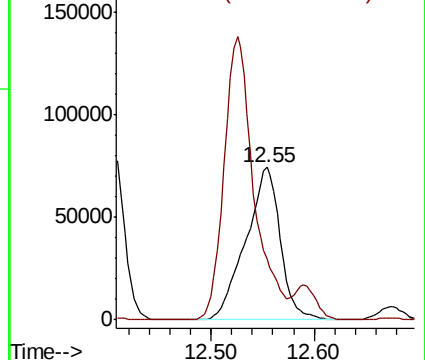
77 0.0 0.0 0.0

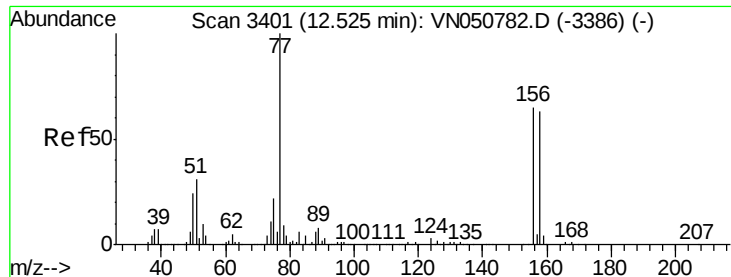


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.91 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VN0904WBS01

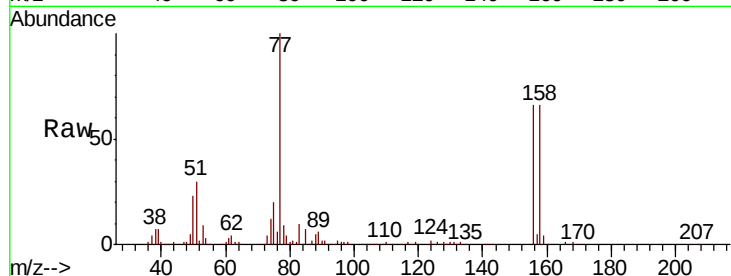
Tot Ion:156 Resp: 158981

Ion Ratio Lower Upper

156 100

77 174.9 89.9 269.7

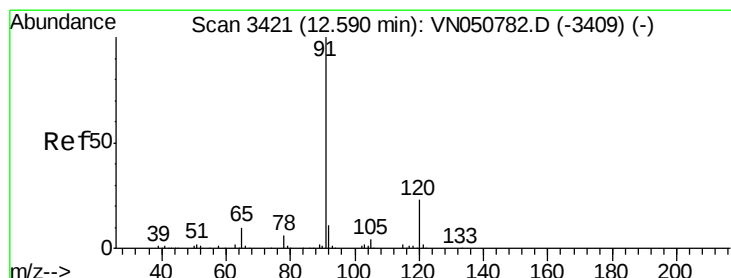
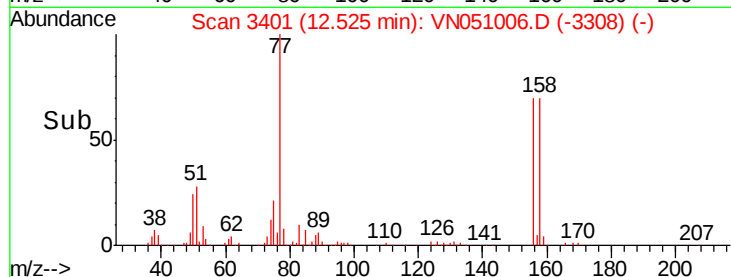
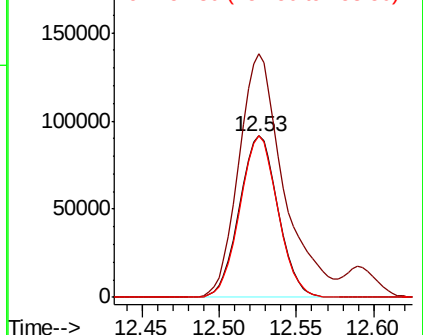
158 98.3 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.76 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051006.D

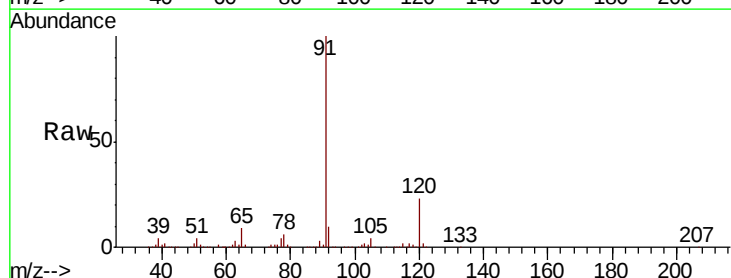
Acq: 4 Sep 2018 9:37

Tgt Ion: 91 Resp: 681137

Ion Ratio Lower Upper

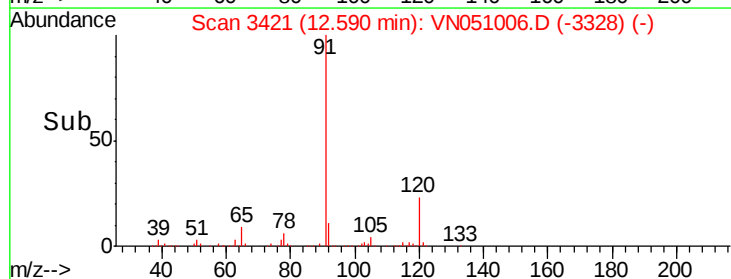
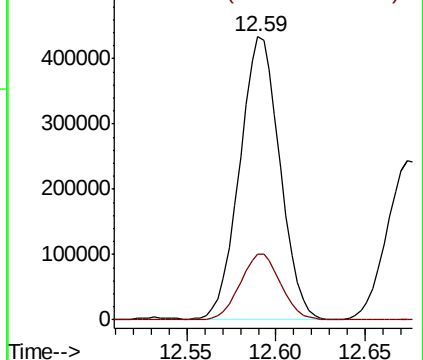
91 100

120 23.4 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.34 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampled :

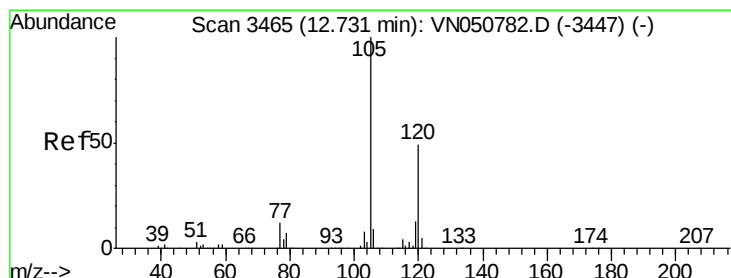
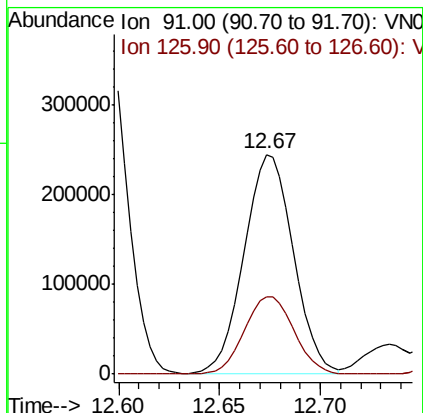
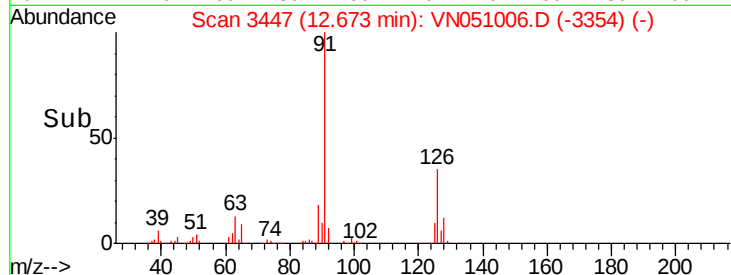
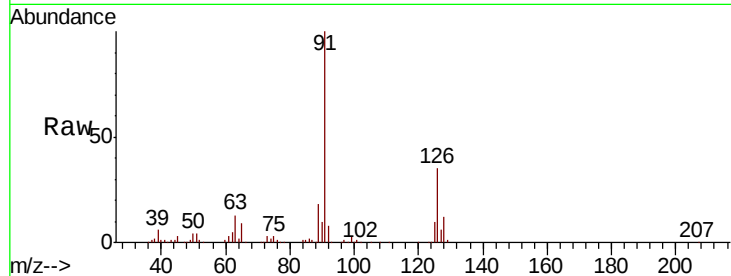
VN0904WBS01

Tot Ion: 91 Resp: 415758

Ion Ratio Lower Upper

91 100

126 36.0 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 21.43 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN051006.D

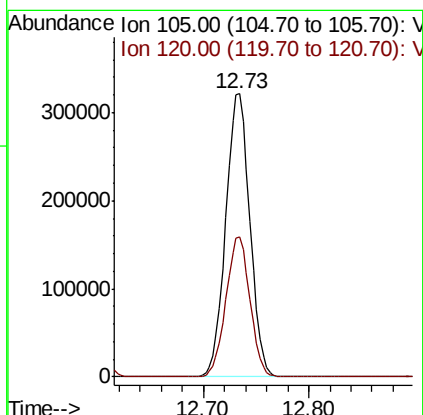
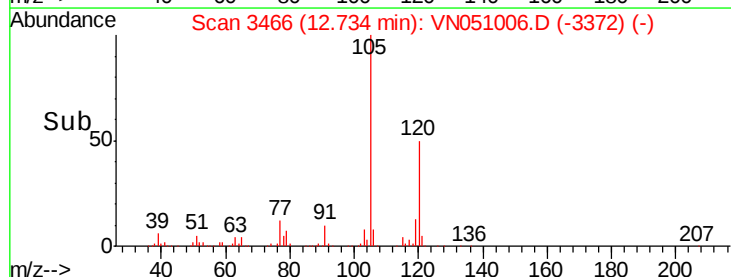
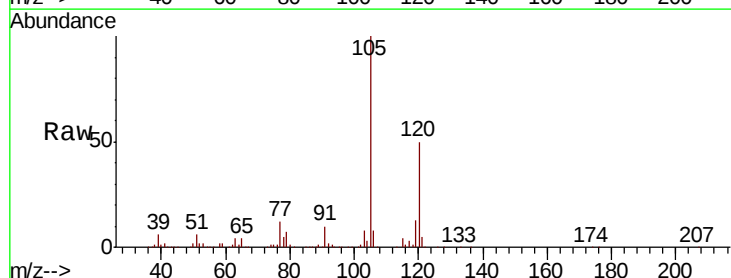
Acq: 4 Sep 2018 9:37

Tgt Ion: 105 Resp: 507948

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.80 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampled :

VN0904WBS01

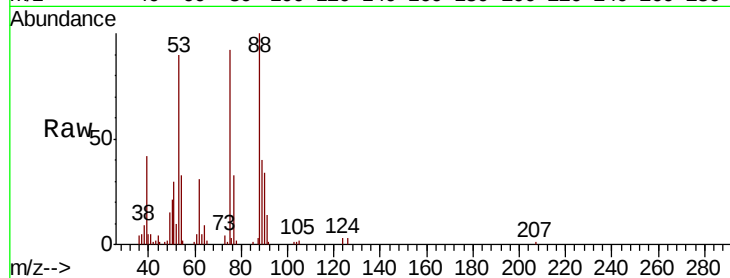
Tot Ion: 75 Resp: 32720

Ion Ratio Lower Upper

75 100

53 93.1 68.9 103.3

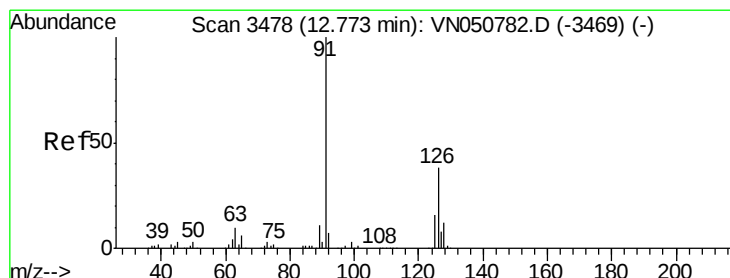
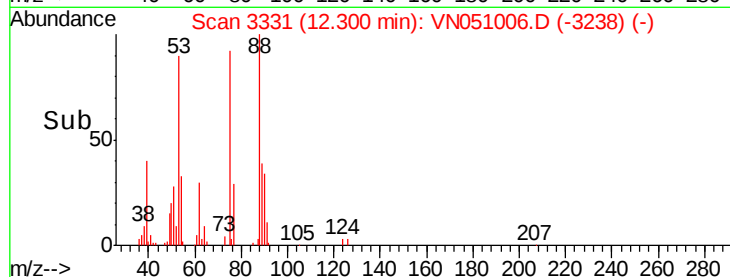
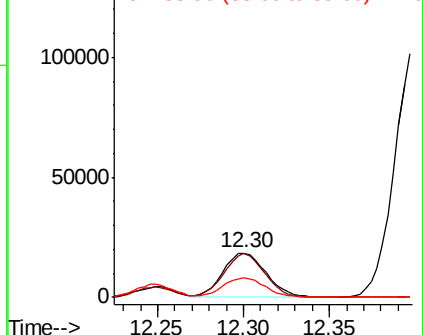
89 42.8 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.15 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN051006.D

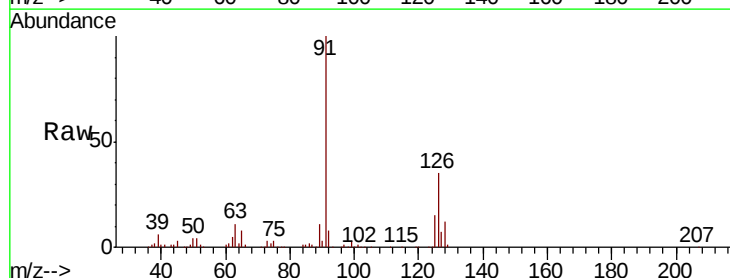
Acq: 4 Sep 2018 9:37

Tgt Ion: 91 Resp: 406531

Ion Ratio Lower Upper

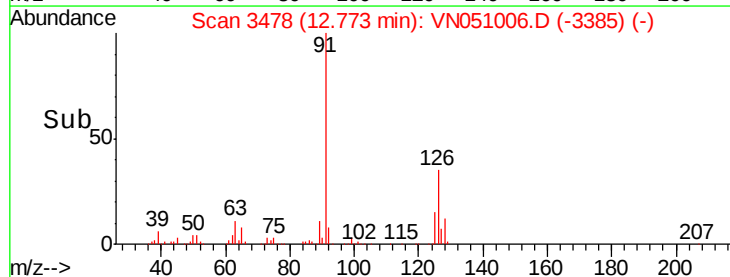
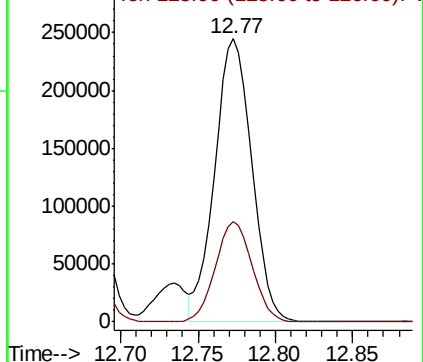
91 100

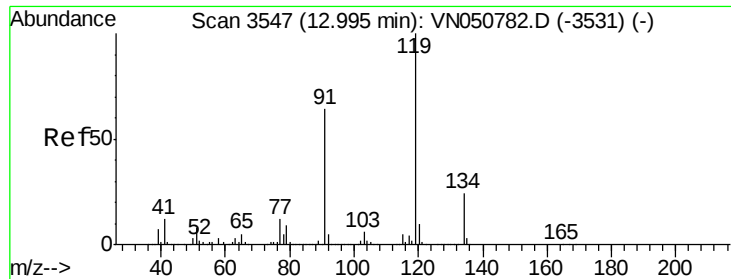
126 35.3 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

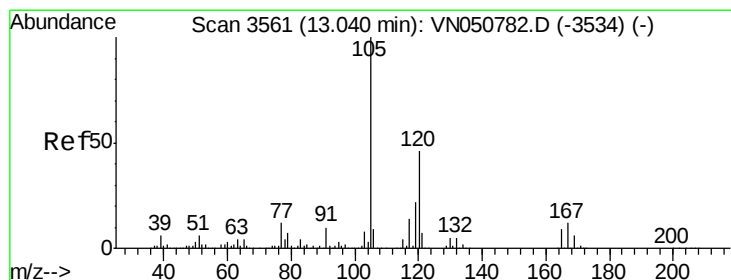
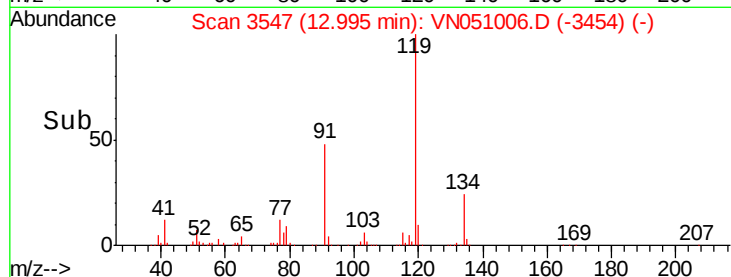
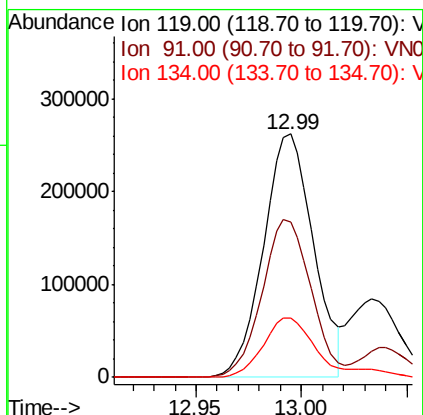
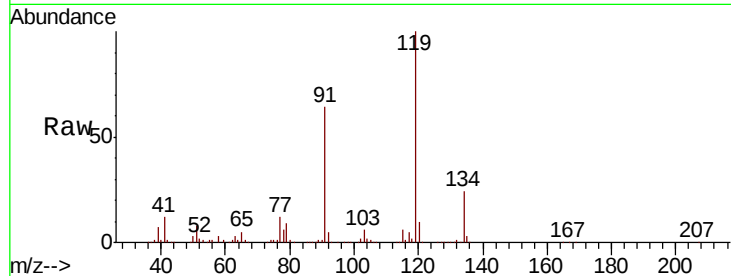




#83  
 tert-Butylbenzene  
 Concen: 21.08 ug/l  
 RT: 12.99 min Scan# 3547  
 Delta R.T. 0.00 min  
 Lab File: VN051006.D  
 Acq: 4 Sep 2018 9:37

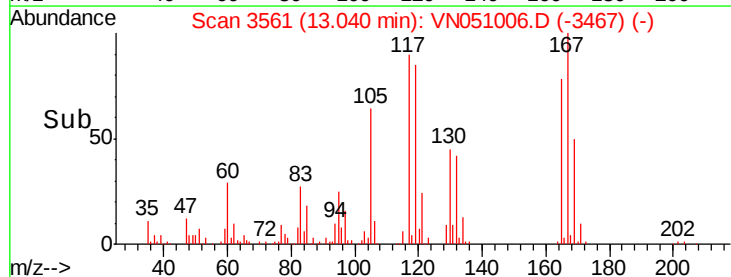
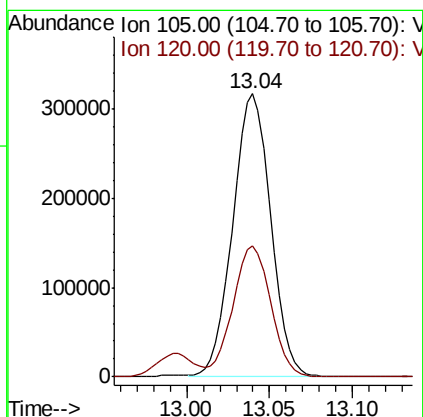
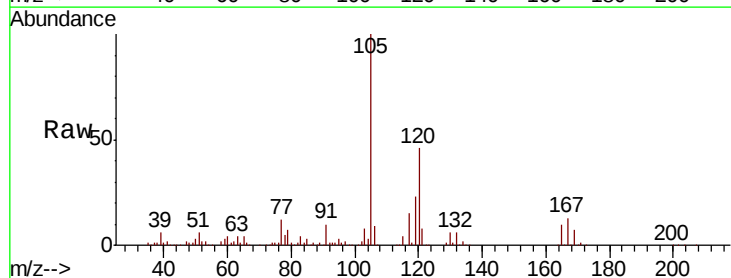
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0904WBS01

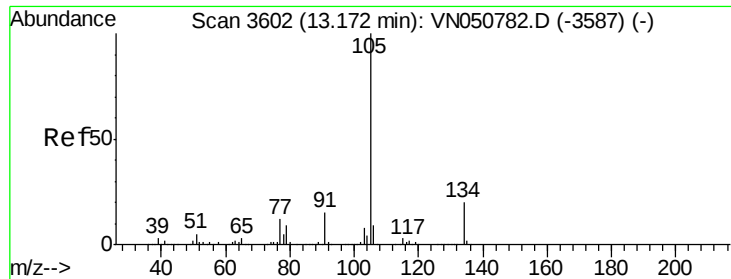
Tot Ion:119 Resp: 432626  
 Ion Ratio Lower Upper  
 119 100  
 91 63.4 31.6 94.7  
 134 24.9 13.4 40.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.11 ug/l  
 RT: 13.04 min Scan# 3561  
 Delta R.T. 0.00 min  
 Lab File: VN051006.D  
 Acq: 4 Sep 2018 9:37

Tgt Ion:105 Resp: 503279  
 Ion Ratio Lower Upper  
 105 100  
 120 46.5 22.9 68.8





#85

sec-Butylbenzene

Concen: 20.91 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

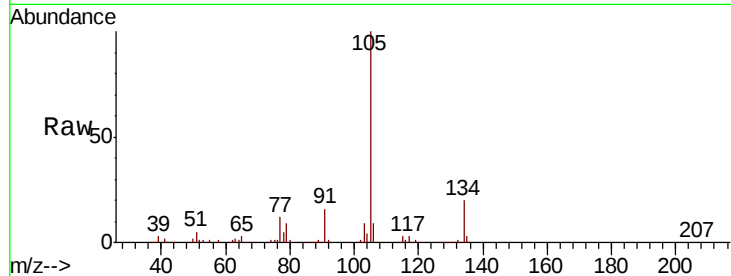
VN0904WBS01

Tot Ion:105 Resp: 562325

Ion Ratio Lower Upper

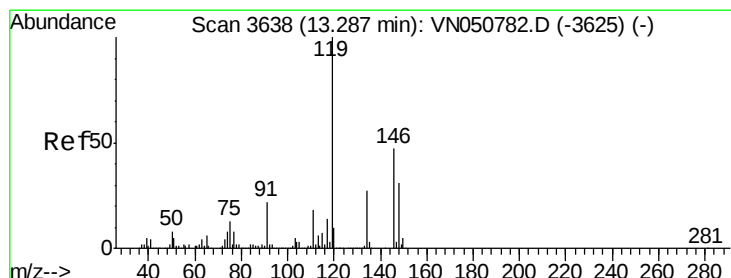
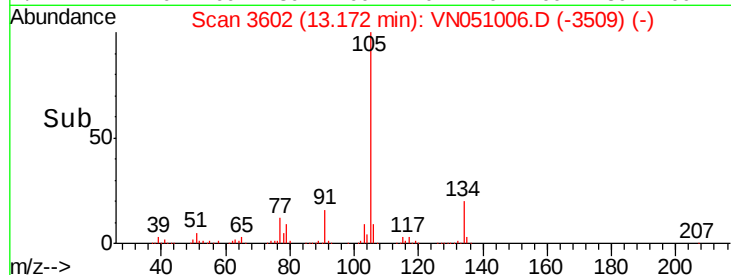
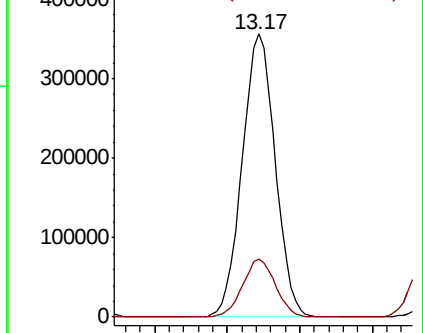
105 100

134 20.4 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.05 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

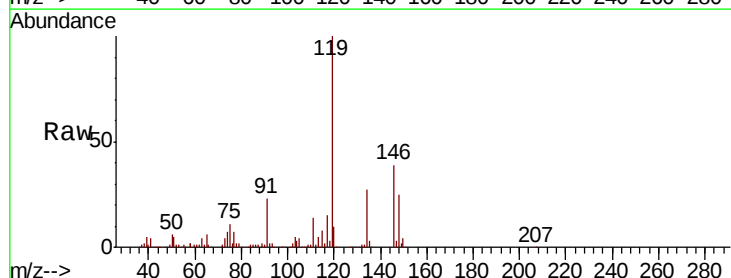
Tgt Ion:119 Resp: 482527

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.0

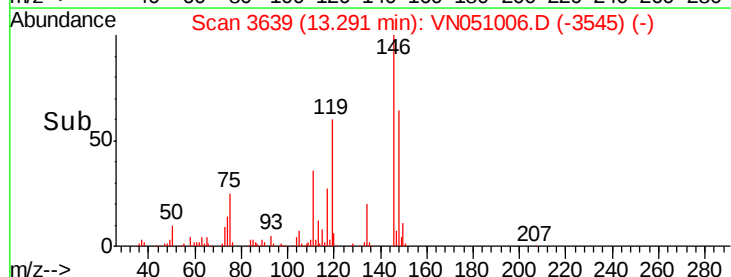
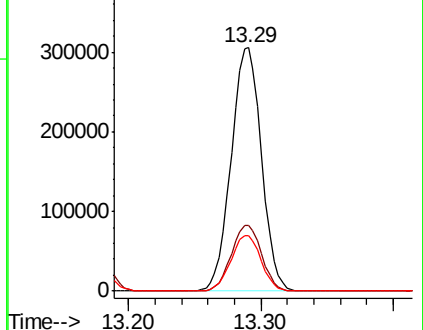
91 22.7 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.34 ug/l

RT: 13.28 min Scan# 3636

Delta R.T. -0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VN0904WBS01

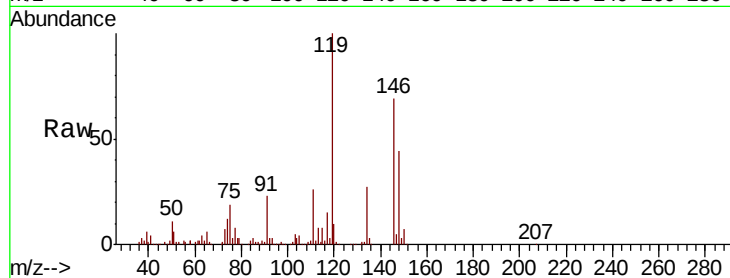
Tot Ion:146 Resp: 262065

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.3

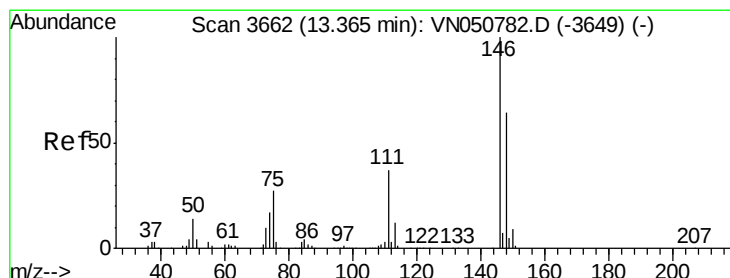
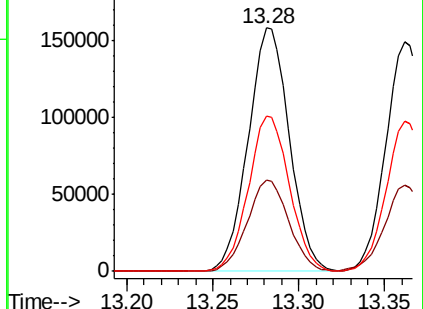
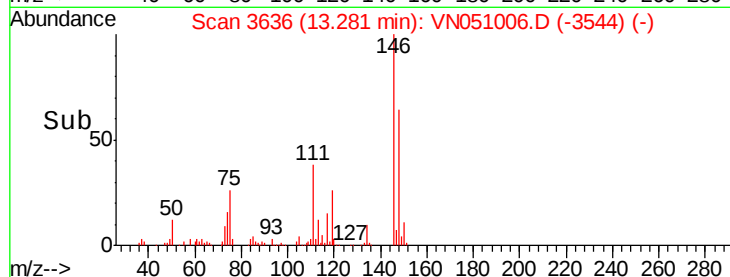
148 63.6 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.84 ug/l

RT: 13.36 min Scan# 3661

Delta R.T. -0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

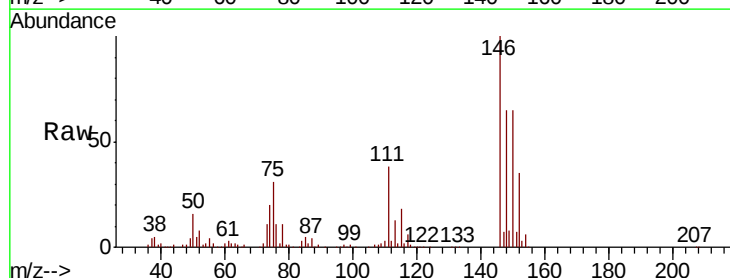
Tgt Ion:146 Resp: 251203

Ion Ratio Lower Upper

146 100

111 37.8 18.8 56.3

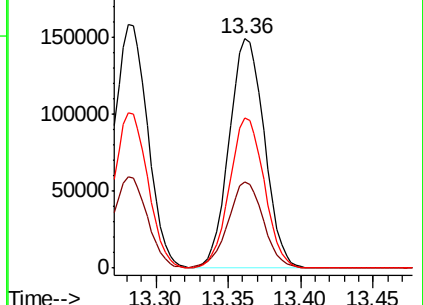
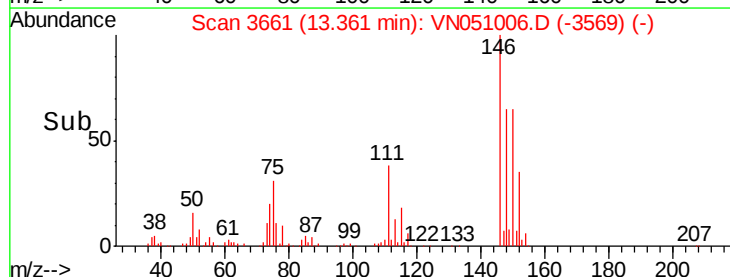
148 64.5 32.2 96.6

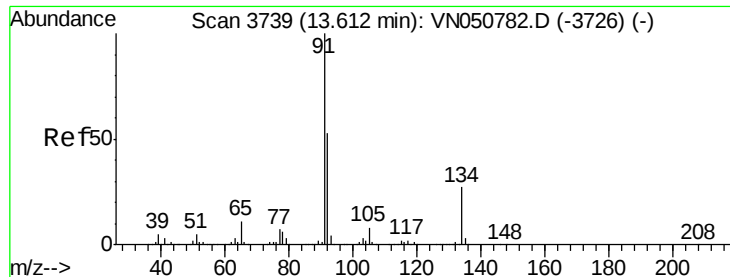


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

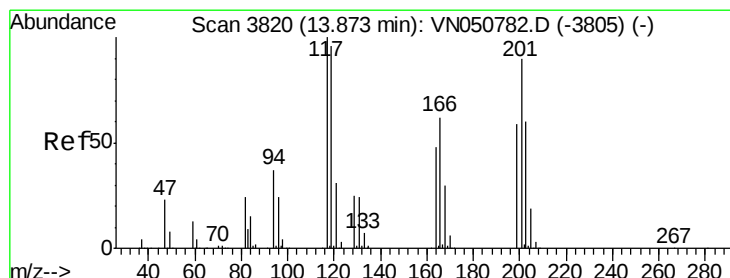
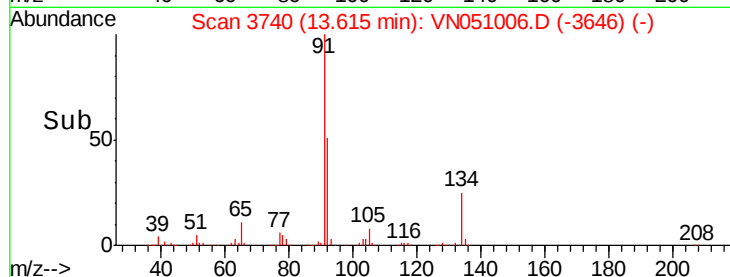
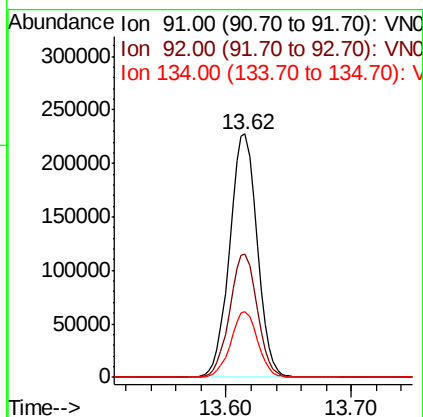
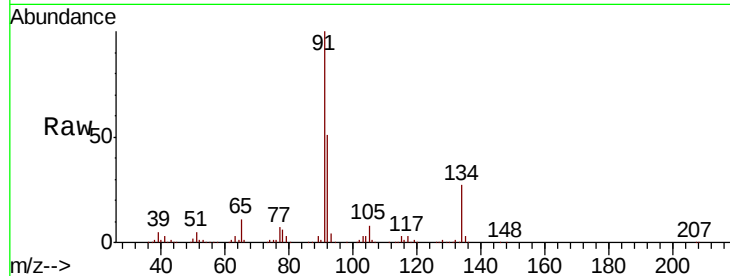




#89  
n-Butylbenzene  
Concen: 18.94 ug/l  
RT: 13.62 min Scan# 3740  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

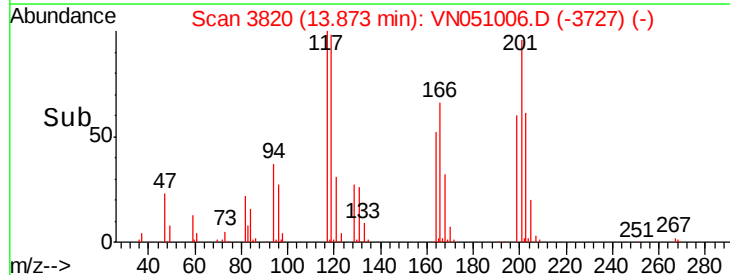
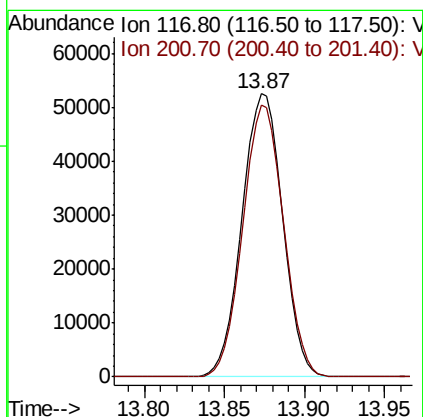
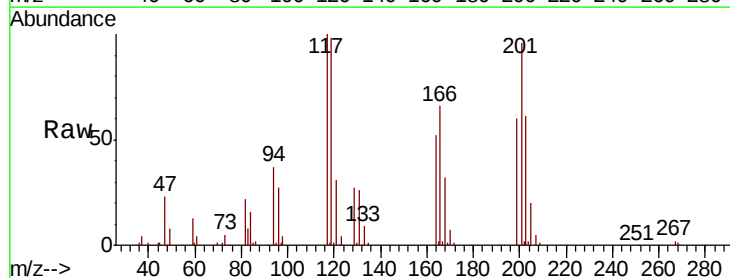
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0904WBS01

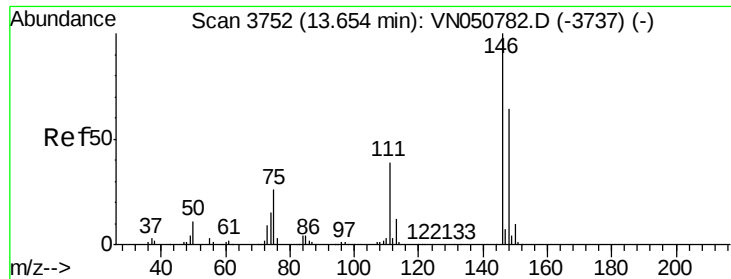
Tot Ion: 91 Resp: 347216  
Ion Ratio Lower Upper  
91 100  
92 50.8 26.1 78.2  
134 26.4 13.2 39.6



#90  
Hexachloroethane  
Concen: 20.96 ug/l  
RT: 13.87 min Scan# 3820  
Delta R.T. 0.00 min  
Lab File: VN051006.D  
Acq: 4 Sep 2018 9:37

Tgt Ion: 117 Resp: 91074  
Ion Ratio Lower Upper  
117 100  
201 95.8 46.0 137.8

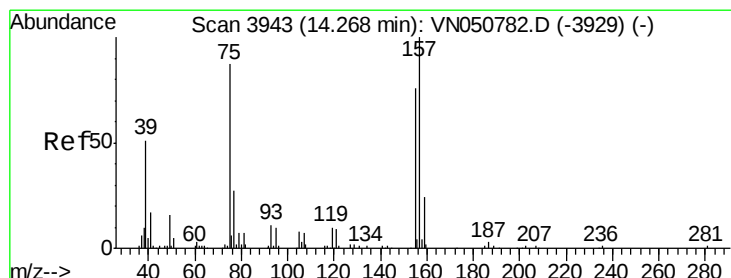
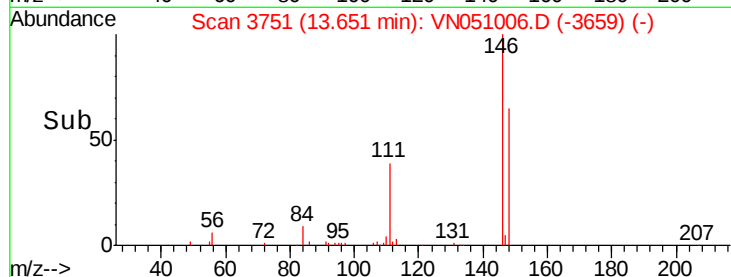
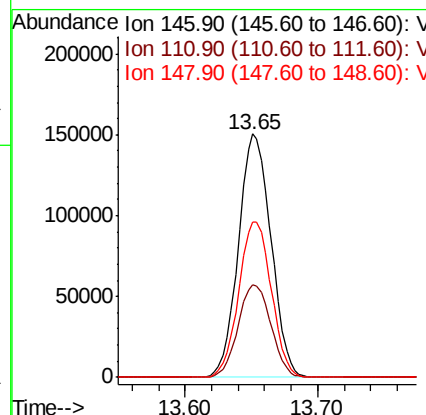
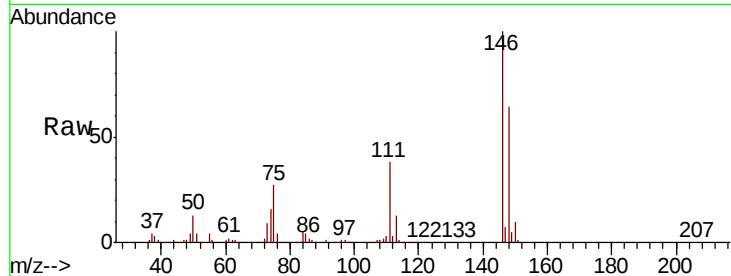




#91  
 1,2-Dichlorobenzene  
 Concen: 19.60 ug/l  
 RT: 13.65 min Scan# 3751  
 Delta R.T. -0.00 min  
 Lab File: VN051006.D  
 Acq: 4 Sep 2018 9:37

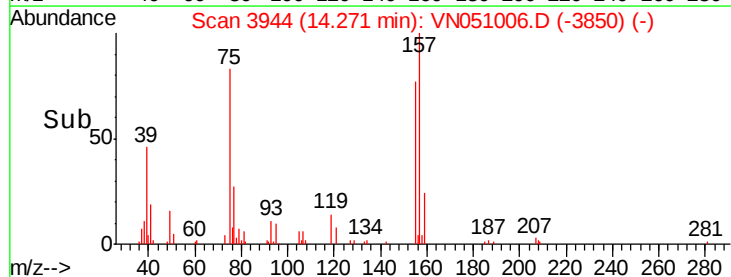
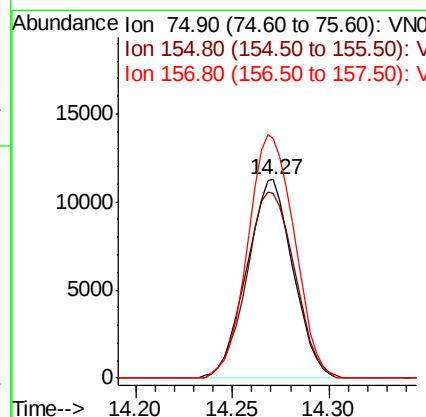
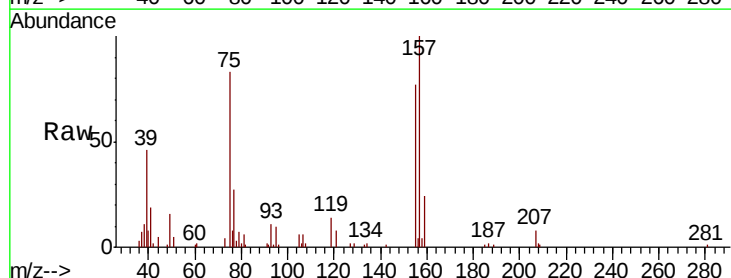
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0904WBS01

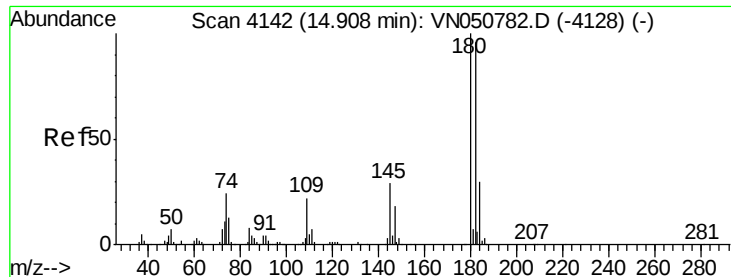
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.5  | 19.8  | 59.3  |
| 148     | 64.1  | 32.3  | 96.8  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.80 ug/l  
 RT: 14.27 min Scan# 3944  
 Delta R.T. 0.00 min  
 Lab File: VN051006.D  
 Acq: 4 Sep 2018 9:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 97.9  | 46.4  | 139.1 |
| 157     | 123.6 | 60.7  | 182.0 |

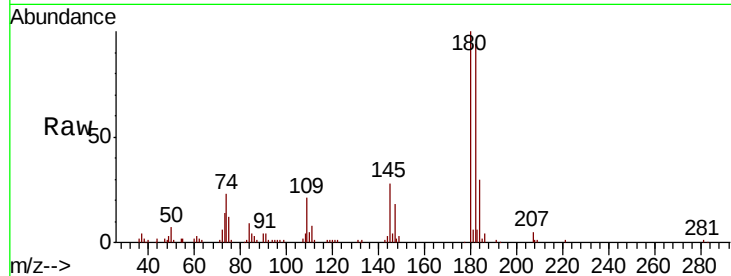




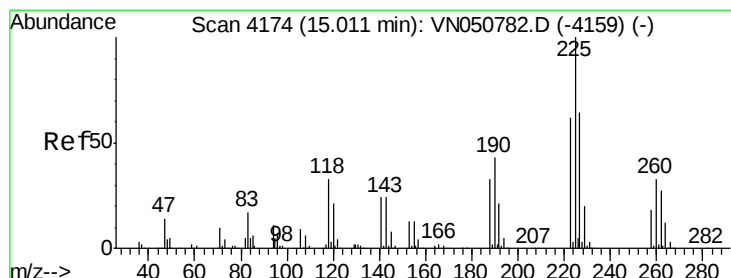
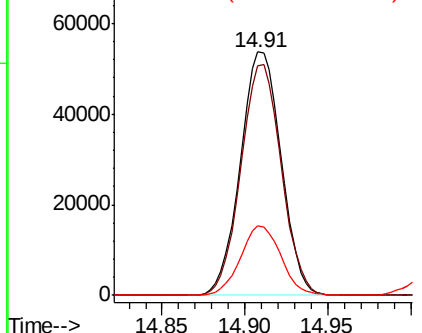
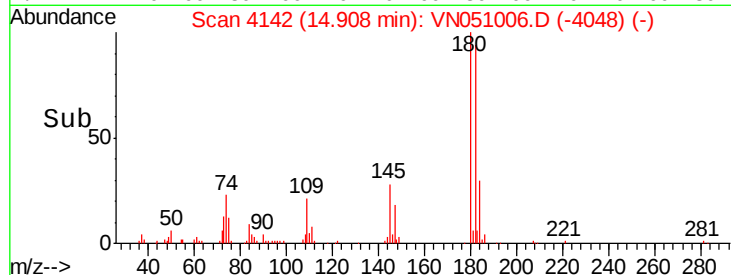
#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.49 ug/l  
 RT: 14.91 min Scan# 4142  
 Delta R.T. 0.00 min  
 Lab File: VN051006.D  
 Acq: 4 Sep 2018 9:37

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0904WBS01

Tot Ion:180 Resp: 91859  
 Ion Ratio Lower Upper  
 180 100  
 182 93.9 48.2 144.6  
 145 28.1 14.1 42.2

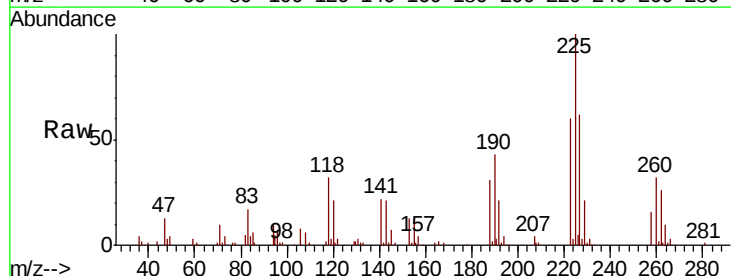


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

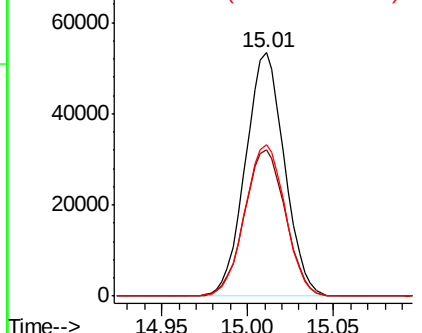
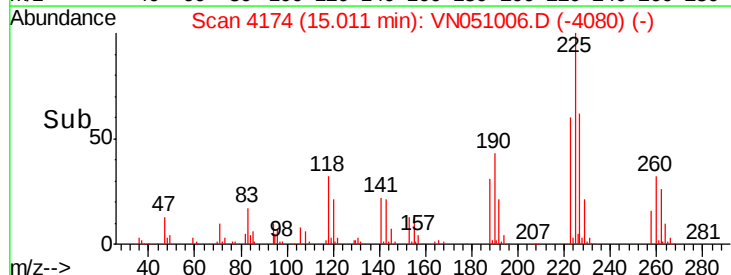


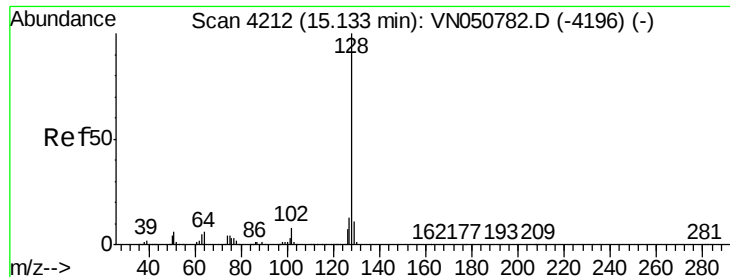
#94  
 Hexachlorobutadiene  
 Concen: 21.01 ug/l  
 RT: 15.01 min Scan# 4174  
 Delta R.T. 0.00 min  
 Lab File: VN051006.D  
 Acq: 4 Sep 2018 9:37

Tgt Ion:225 Resp: 83934  
 Ion Ratio Lower Upper  
 225 100  
 223 63.0 31.3 93.8  
 227 64.2 32.0 96.2



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





#95

Naphthalene

Concen: 15.38 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

Instrument :

MSVOA\_N

ClientSampleId :

VN0904WBS01

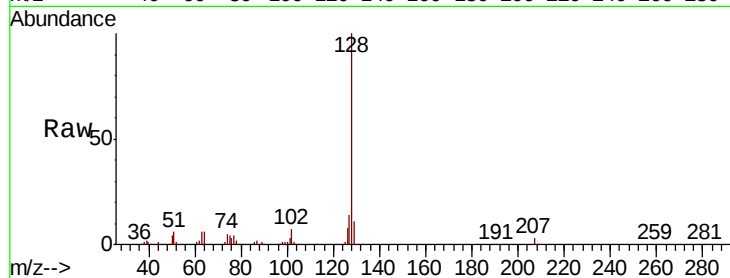
Tot Ion:128 Resp: 158565

Ion Ratio Lower Upper

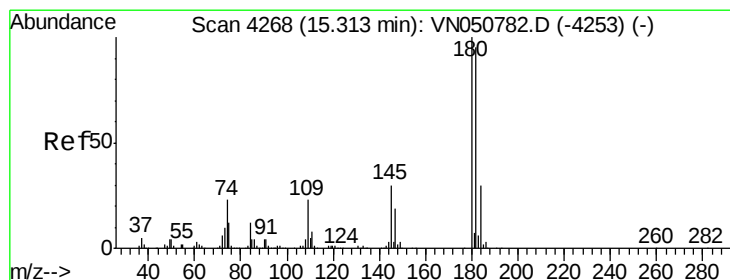
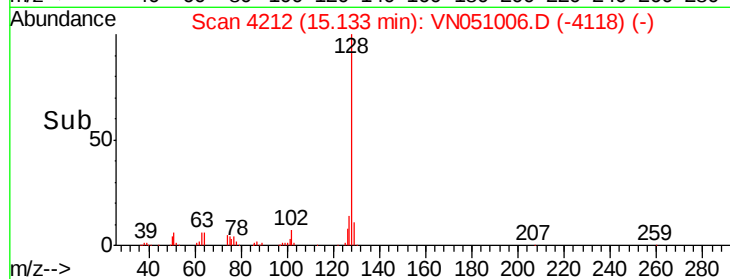
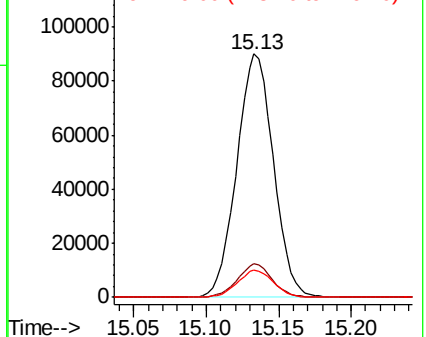
128 100

127 13.1 10.5 15.7

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.07 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN051006.D

Acq: 4 Sep 2018 9:37

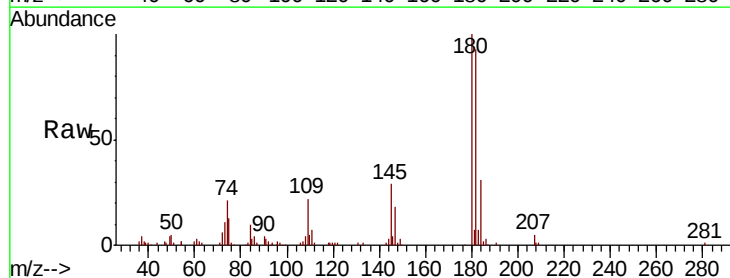
Tgt Ion:180 Resp: 93983

Ion Ratio Lower Upper

180 100

182 93.0 48.0 144.2

145 28.8 15.2 45.6



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

