

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\  
 Data File : VN050380.D  
 Acq On : 6 Aug 2018 13:14  
 Operator : MD\SY  
 Sample : VSTDICC150  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC150

Quant Time: Aug 07 01:46:02 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N080618W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 07 01:41:27 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 702610   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1023118  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 988740   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 558732   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 1334825  | 142.19 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 284.38% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 1184338  | 144.27 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 288.54% |          |
| 50) Toluene-d8              | 10.09 | 98   | 4609837  | 149.35 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 298.70% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 1675437  | 159.26 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =      | 318.52% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 1104292  | 141.589 | ug/l  | 99     |
| 3) Chloromethane              | 2.06 | 50   | 1345678  | 148.911 | ug/l  | 99     |
| 4) Vinyl Chloride             | 2.18 | 62   | 1443931  | 143.030 | ug/l  | 98     |
| 5) Bromomethane               | 2.53 | 94   | 658579   | 134.263 | ug/l  | 100    |
| 6) Chloroethane               | 2.68 | 64   | 863137   | 138.759 | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 3.00 | 101  | 1812741  | 139.037 | ug/l  | 99     |
| 8) Diethyl Ether              | 3.41 | 74   | 713064   | 149.134 | ug/l  | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101  | 1128393  | 140.045 | ug/l  | 99     |
| 10) Methyl Iodide             | 3.95 | 142  | 737903   | 207.859 | ug/l  | 98     |
| 11) Tert butyl alcohol        | 4.80 | 59   | 598888   | 794.150 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 3.73 | 96   | 1088840  | 143.345 | ug/l  | 97     |
| 13) Acrolein                  | 3.60 | 56   | 762299   | 745.243 | ug/l  | 98     |
| 14) Allyl chloride            | 4.32 | 41   | 1795784  | 147.215 | ug/l  | 97     |
| 15) Acrylonitrile             | 4.99 | 53   | 2448820  | 775.226 | ug/l  | 99     |
| 16) Acetone                   | 3.82 | 43   | 2090172  | 747.317 | ug/l  | 100    |
| 17) Carbon Disulfide          | 4.05 | 76   | 3379767  | 136.834 | ug/l  | 100    |
| 18) Methyl Acetate            | 4.33 | 43   | 1096120  | 151.067 | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 3309293  | 153.493 | ug/l  | 100    |
| 20) Methylene Chloride        | 4.55 | 84   | 1258681  | 150.117 | ug/l  | 99     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96   | 1176796  | 143.164 | ug/l  | 99     |
| 22) Diisopropyl ether         | 5.96 | 45   | 3790959  | 152.128 | ug/l  | 96     |
| 23) Vinyl Acetate             | 5.90 | 43   | 14042862 | 789.832 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 2174965  | 142.242 | ug/l  | 100    |
| 25) 2-Butanone                | 6.84 | 43   | 3631274  | 780.616 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 6.83 | 77   | 1729889  | 137.237 | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 1345480  | 147.680 | ug/l  | 100    |
| 28) Bromochloromethane        | 7.20 | 49   | 935892   | 132.963 | ug/l  | 100    |
| 29) Tetrahydrofuran           | 7.22 | 42   | 1918037  | 770.330 | ug/l  | 99     |
| 30) Chloroform                | 7.37 | 83   | 2183675  | 142.857 | ug/l  | 99     |
| 31) Cyclohexane               | 7.65 | 56   | 1995668  | 149.548 | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 1894385  | 144.304 | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 1711264  | 152.228 | ug/l  | 100    |
| 37) Ethyl Acetate             | 6.93 | 43   | 1271869  | 157.110 | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 7.78 | 117  | 1689447  | 144.064 | ug/l  | 99     |

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC150

Quant Time: Aug 07 01:46:02 2018  
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 Quant Title : SW846 8260  
 QLast Update : Tue Aug 07 01:41:27 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 1958392  | 159.600  | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 5123272  | 148.241  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 686715   | 159.524  | ug/l # | 82       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 1600957  | 145.916  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.17  | 43   | 2190006  | 156.707  | ug/l # | 87       |
| 44) Trichloroethene            | 8.84  | 130  | 1354723  | 145.882  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 1332403  | 146.639  | ug/l   | 98       |
| 46) Dibromomethane             | 9.21  | 93   | 827645   | 147.505  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 1721310  | 148.112  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.20  | 41   | 1112910  | 158.891  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 344476   | 3190.572 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 8033229  | 798.170  | ug/l   | 99       |
| 52) Toluene                    | 10.16 | 92   | 3224366  | 155.321  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 1911193  | 163.787  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 2085193  | 160.117  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 1198852  | 147.920  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 1765957  | 150.413  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 2027885  | 152.439  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 4100083  | 751.656  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 5732459  | 816.132  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.90 | 129  | 1380802  | 154.650  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 1253336  | 156.889  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.63 | 164  | 1295655  | 140.245  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.44 | 112  | 3578757  | 144.375  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 1313119  | 145.551  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 6288577  | 156.947  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 4820185  | 315.999  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 2340496  | 159.283  | ug/l   | 99       |
| 70) Styrene                    | 11.97 | 104  | 3934876  | 164.673  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 1053099  | 159.717  | ug/l   | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 6186465  | 147.502  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 2110981  | 155.276  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 1645882  | 136.016  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 2107972  | 208.430  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 1620165  | 144.192  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 7200127  | 151.661  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 4242944  | 144.707  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 5181817  | 152.197  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 509223   | 176.908  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 4358822  | 149.069  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 4434459  | 149.302  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 5335017  | 154.686  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 5959976  | 150.554  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 5312300  | 156.584  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 2911105  | 145.460  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 2876402  | 143.929  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.62 | 91   | 4560835  | 157.914  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 888998   | 147.363  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 2795706  | 139.361  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 290866   | 141.568  | ug/l   | 94       |

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Sample : VSTDICC150  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 7 Sample Multiplier: 1

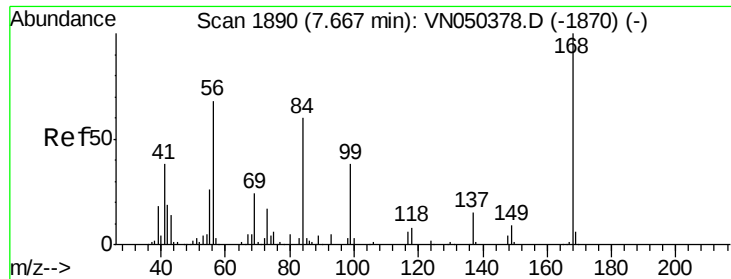
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC150

Quant Time: Aug 07 01:46:02 2018  
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Quant Title : SW846 8260  
QLast Update : Tue Aug 07 01:41:27 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 1739683  | 170.256 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 812845   | 148.882 | ug/l  | 99       |
| 95) Naphthalene            | 15.14 | 128  | 4377725  | 153.718 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.32 | 180  | 1644035  | 159.139 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

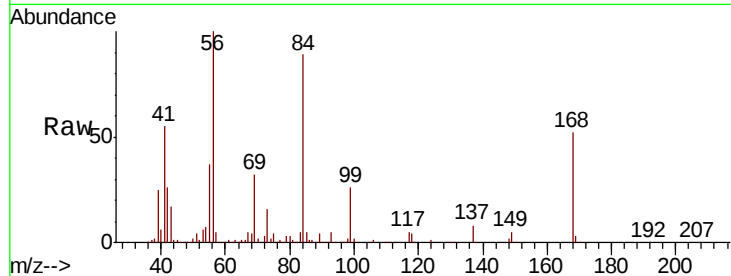
VSTDIC150

Tot Ion:168 Resp: 702610

Ion Ratio Lower Upper

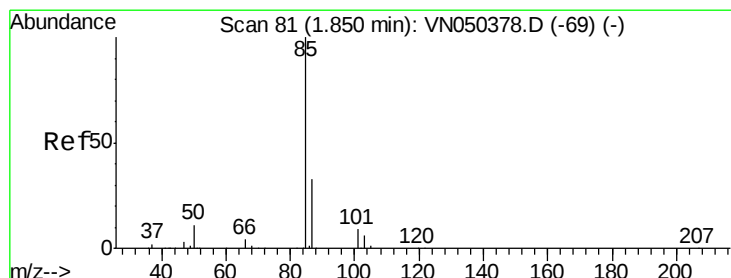
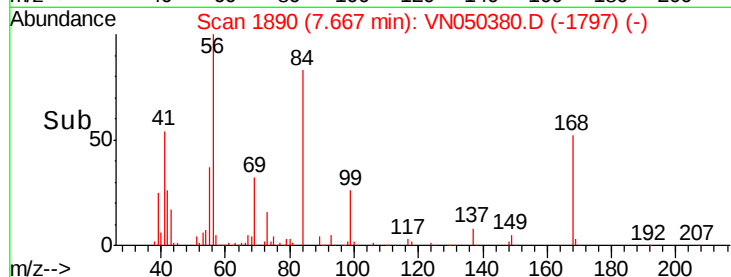
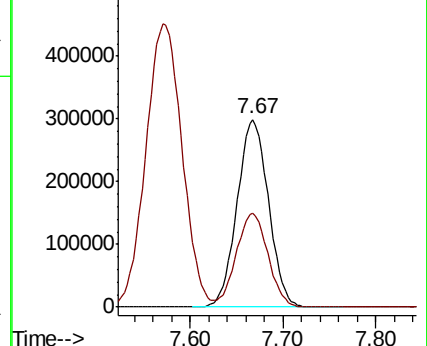
168 100

99 50.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 141.589 ug/l

RT: 1.85 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN050380.D

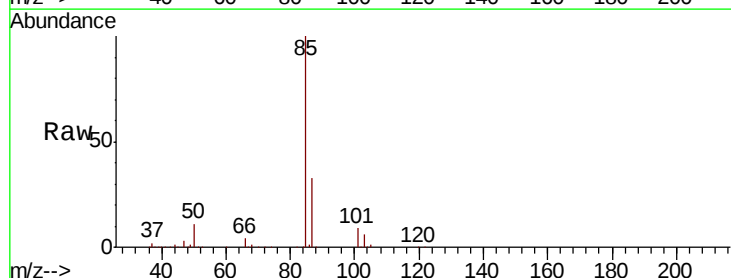
Acq: 6 Aug 2018 13:14

Tgt Ion: 85 Resp: 1104292

Ion Ratio Lower Upper

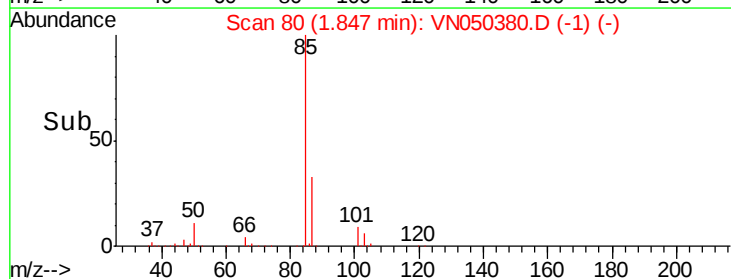
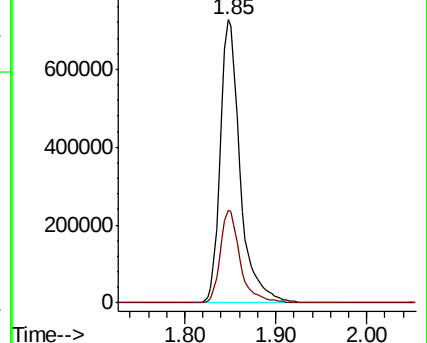
85 100

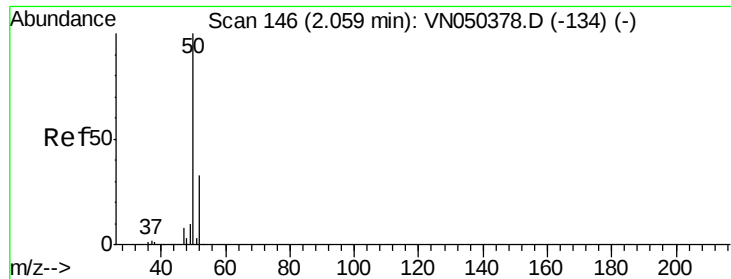
87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 148.911 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

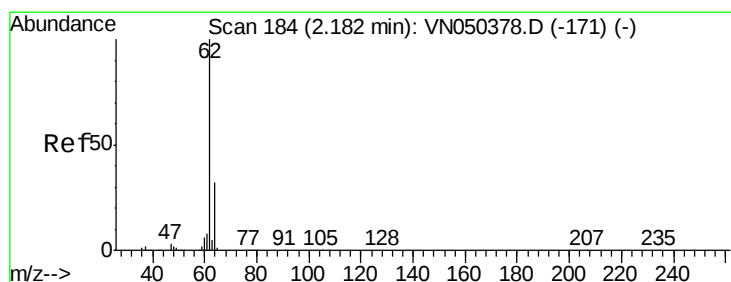
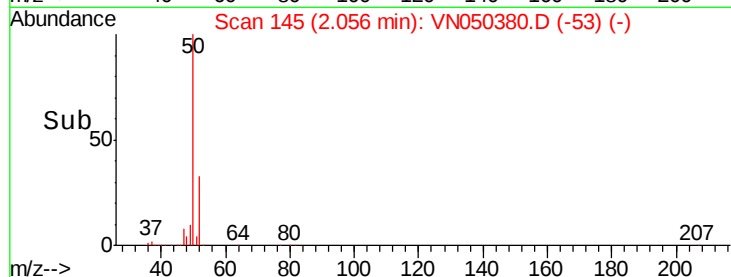
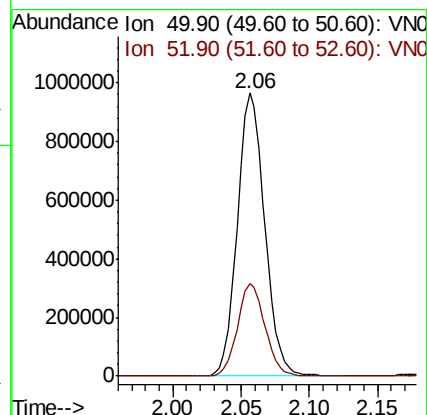
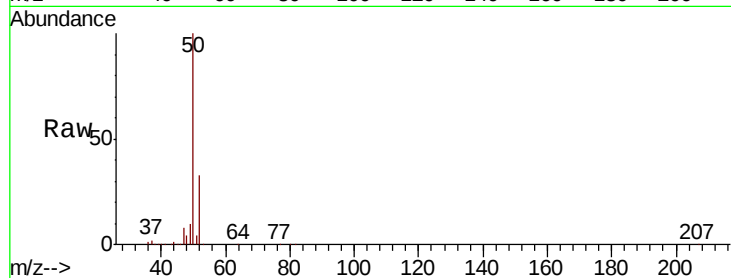
VSTDIC150

Tot Ion: 50 Resp: 1345678

Ion Ratio Lower Upper

50 100

52 33.0 25.9 38.9



#4

Vinyl Chloride

Concen: 143.030 ug/l

RT: 2.18 min Scan# 183

Delta R.T. -0.00 min

Lab File: VN050380.D

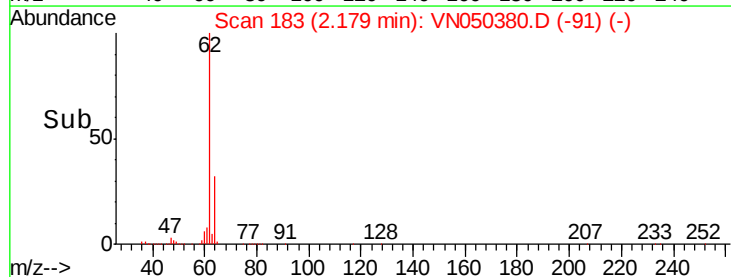
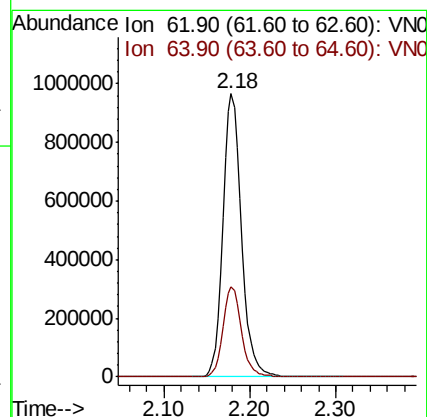
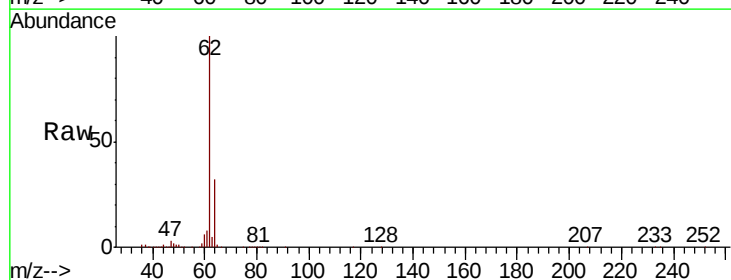
Acq: 6 Aug 2018 13:14

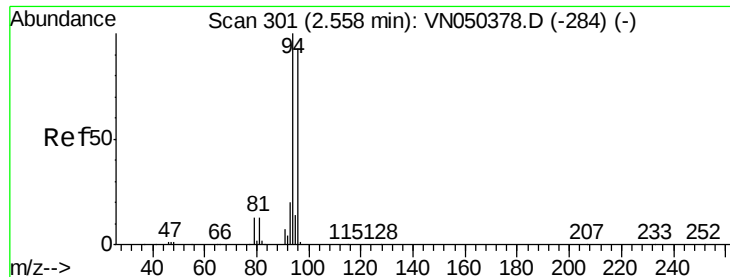
Tgt Ion: 62 Resp: 1443931

Ion Ratio Lower Upper

62 100

64 32.0 24.7 37.1





#5

Bromomethane

Concen: 134.263 ug/l

RT: 2.53 min Scan# 293

Delta R.T. -0.02 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

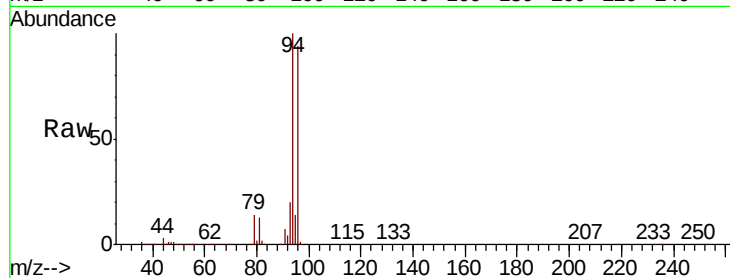
VSTDIC150

Tot Ion: 94 Resp: 658579

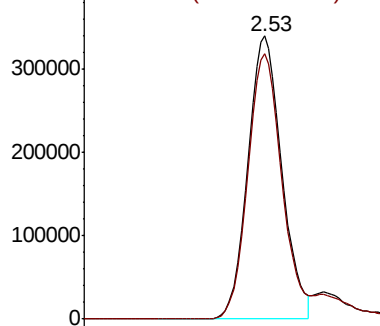
Ion Ratio Lower Upper

94 100

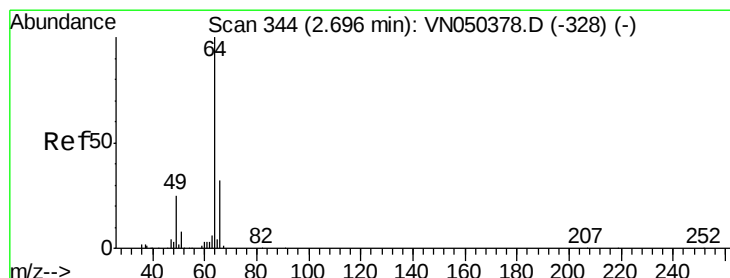
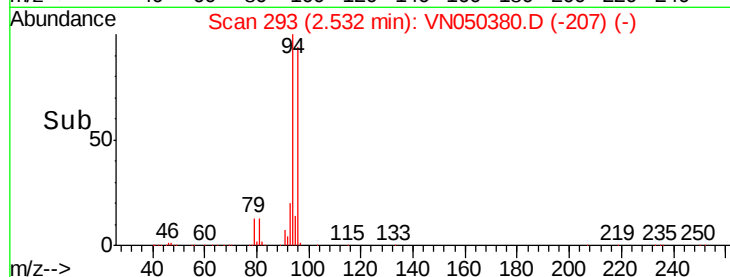
96 93.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO  
Ion 95.90 (95.60 to 96.60): VNO



Time-->



#6

Chloroethane

Concen: 138.759 ug/l

RT: 2.68 min Scan# 340

Delta R.T. -0.01 min

Lab File: VN050380.D

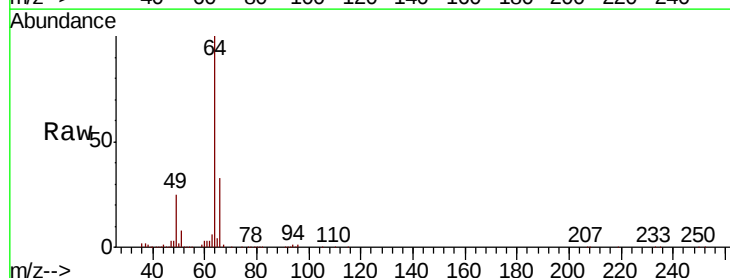
Acq: 6 Aug 2018 13:14

Tgt Ion: 64 Resp: 863137

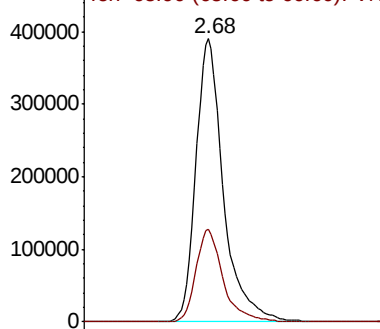
Ion Ratio Lower Upper

64 100

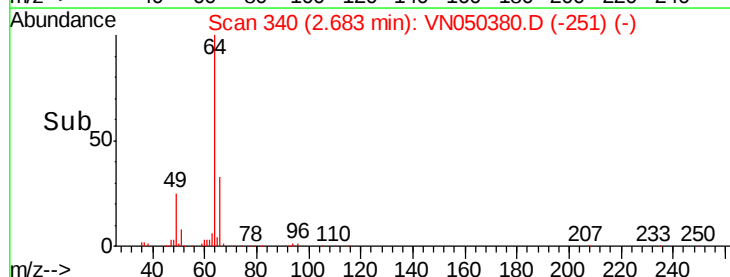
66 32.5 25.3 37.9

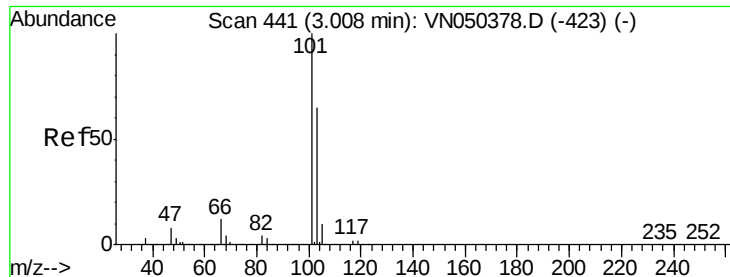


Abundance Ion 63.90 (63.60 to 64.60): VNO  
Ion 65.90 (65.60 to 66.60): VNO



Time-->



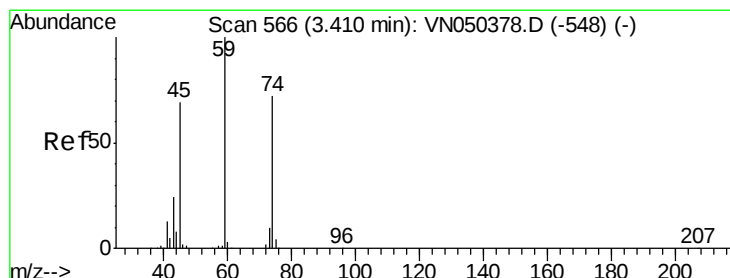
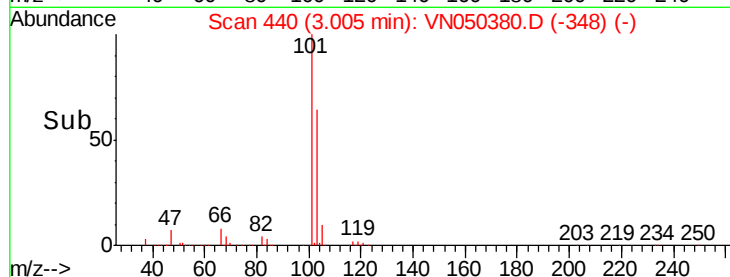
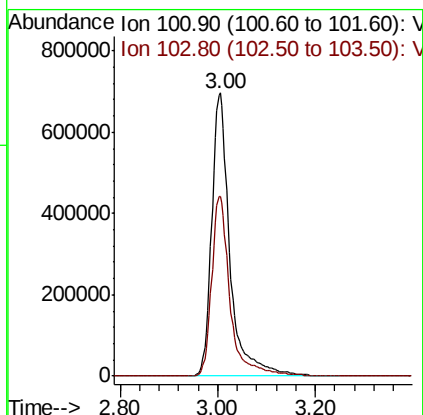
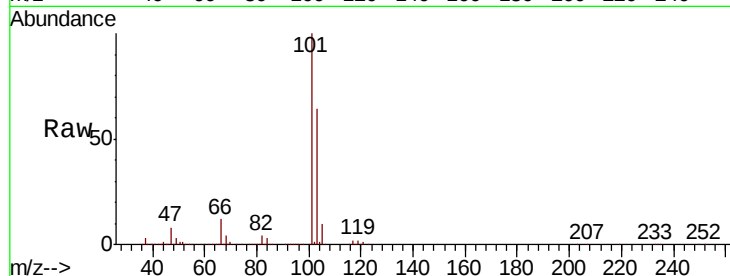


#7

Trichlorofluoromethane  
Concen: 139.037 ug/l  
RT: 3.00 min Scan# 440  
Delta R.T. -0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

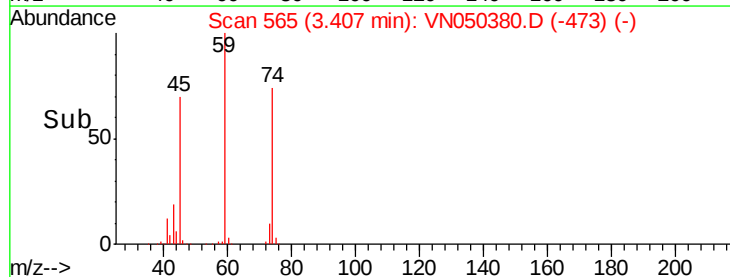
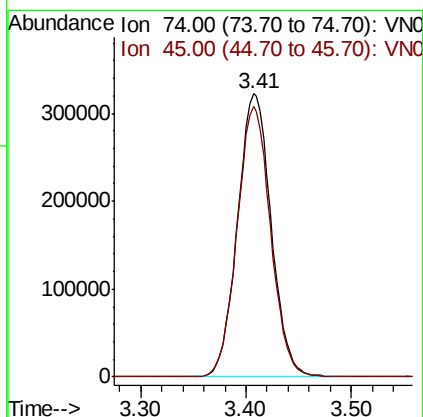
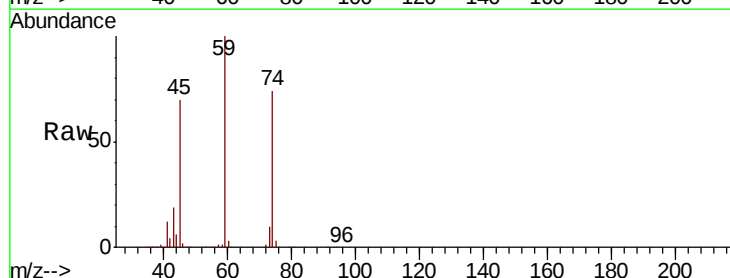
Tot Ion:101 Resp: 1812741  
Ion Ratio Lower Upper  
101 100  
103 63.6 51.7 77.5

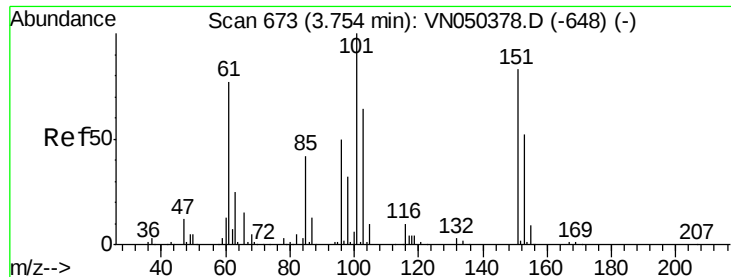


#8

Diethyl Ether  
Concen: 149.134 ug/l  
RT: 3.41 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Tgt Ion: 74 Resp: 713064  
Ion Ratio Lower Upper  
74 100  
45 95.0 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.045 ug/l

RT: 3.75 min Scan# 671

Delta R.T. -0.01 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

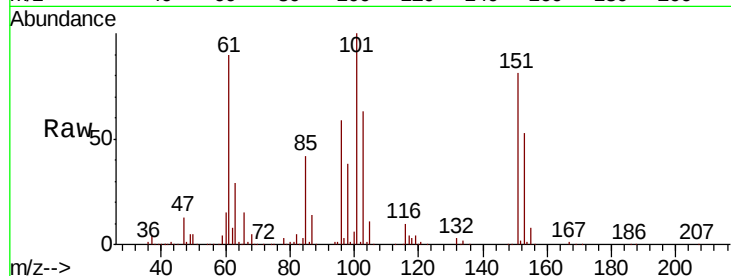
Tot Ion:101 Resp: 1128393

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.2

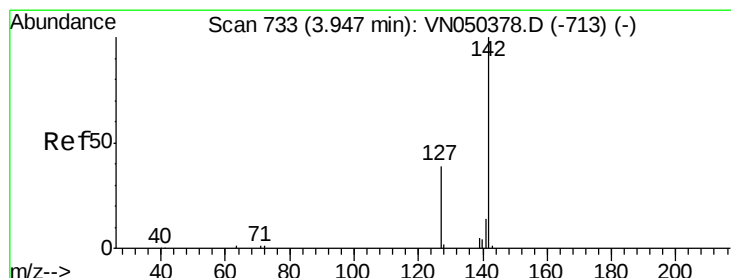
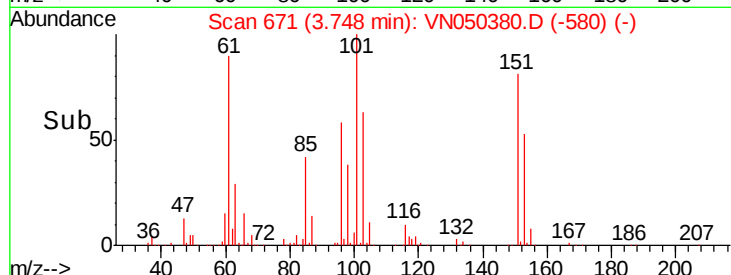
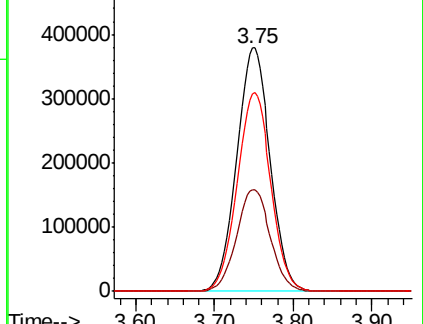
151 82.2 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 207.859 ug/l

RT: 3.95 min Scan# 733

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

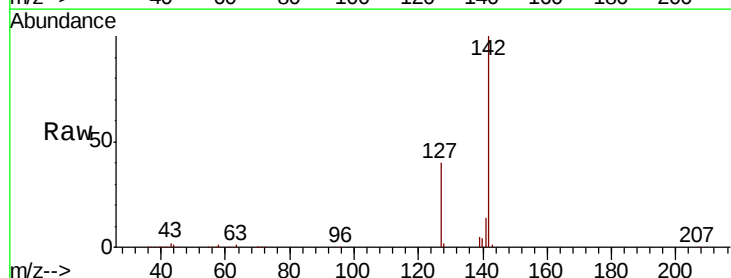
Tgt Ion:142 Resp: 737903

Ion Ratio Lower Upper

142 100

127 40.1 33.4 50.2

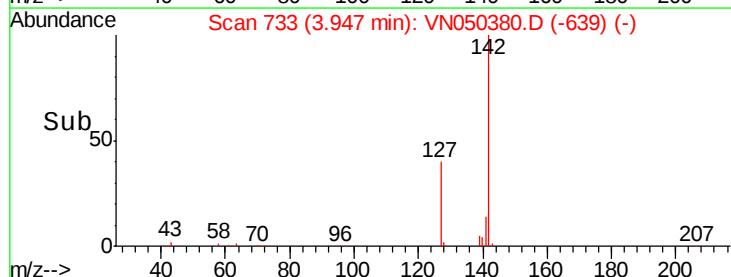
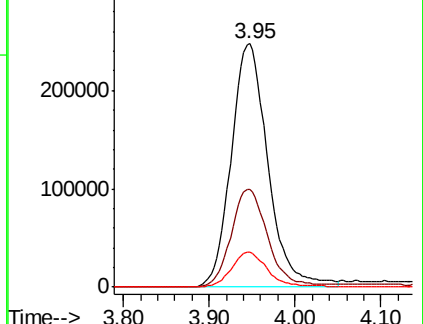
141 13.9 11.6 17.4

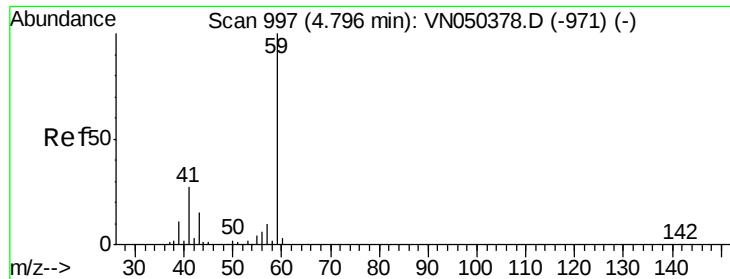


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

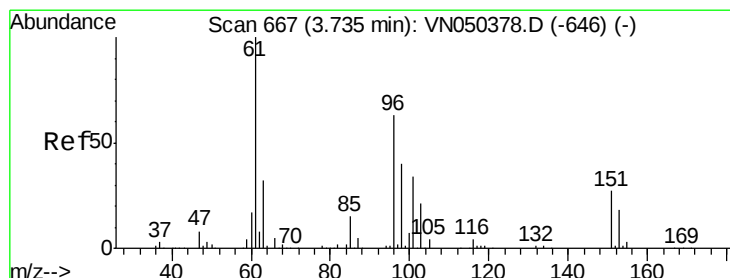
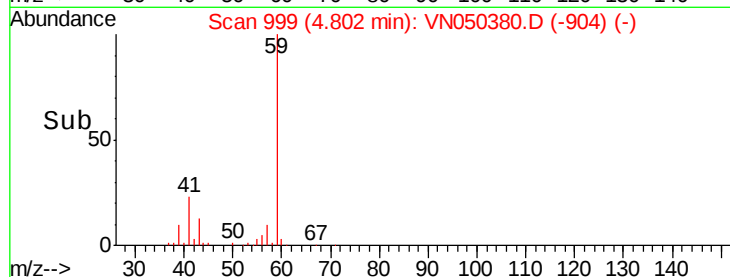
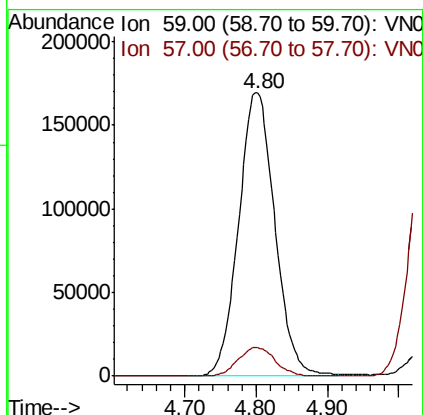
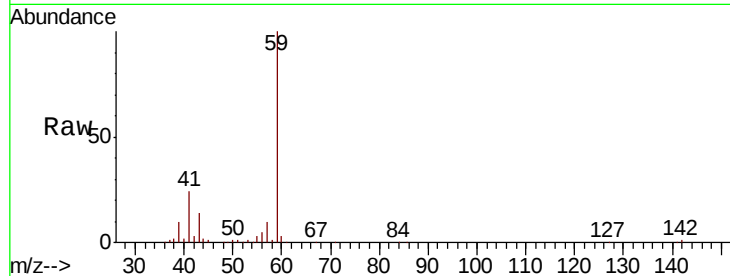




#11  
Tert butyl alcohol  
Concen: 794.150 ug/l  
RT: 4.80 min Scan# 999  
Delta R.T. 0.01 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

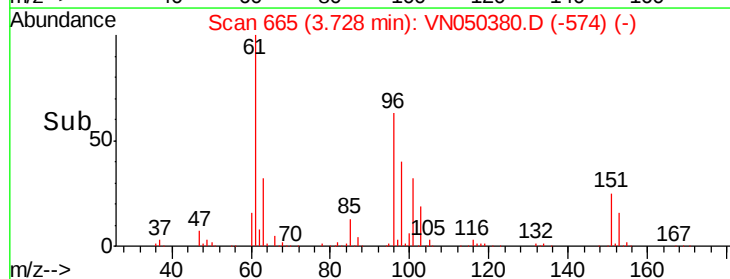
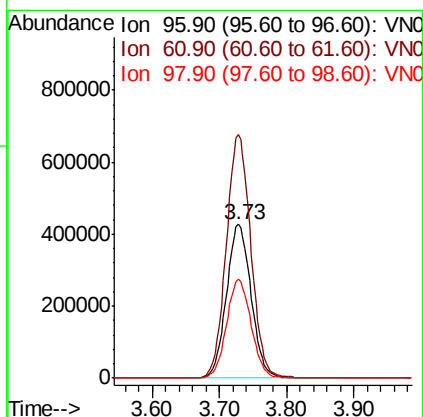
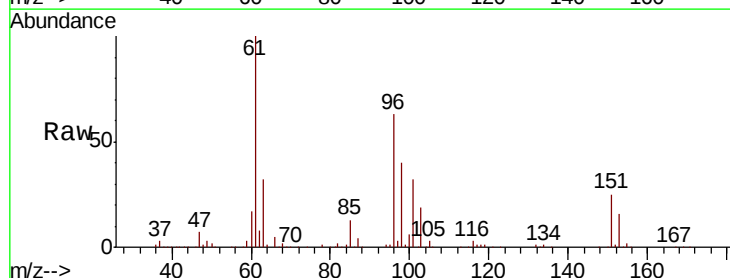
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

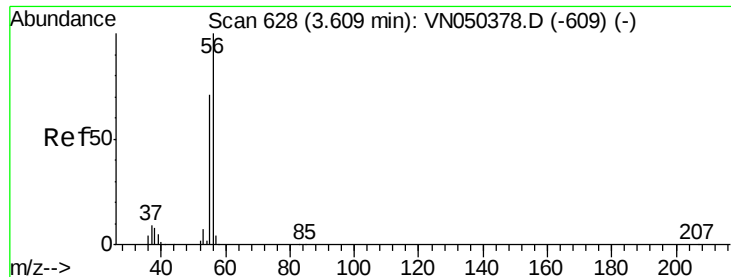
Tot Ion: 59 Resp: 598888  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.5 12.7



#12  
1,1-Dichloroethene  
Concen: 143.345 ug/l  
RT: 3.73 min Scan# 665  
Delta R.T. -0.01 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Tgt Ion: 96 Resp: 1088840  
Ion Ratio Lower Upper  
96 100  
61 158.5 124.4 186.6  
98 64.2 48.3 72.5





#13

Acrolein

Concen: 745.243 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.01 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

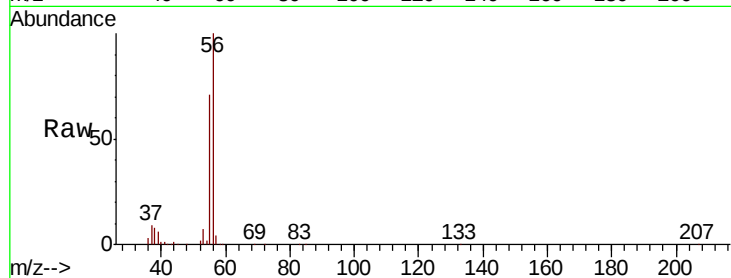
VSTDIC150

Tot Ion: 56 Resp: 762299

Ion Ratio Lower Upper

56 100

55 70.9 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN050378.D (-609) (-)

Ion 55.00 (54.70 to 55.70): VN050378.D (-609) (-)

3.60

300000

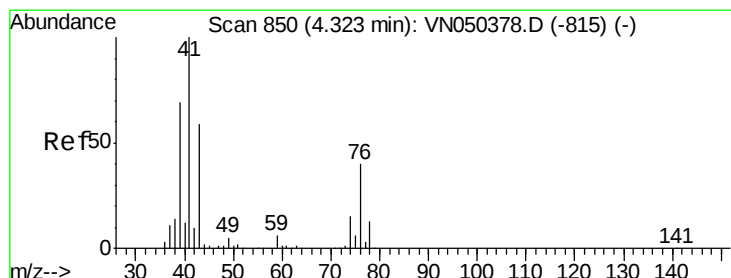
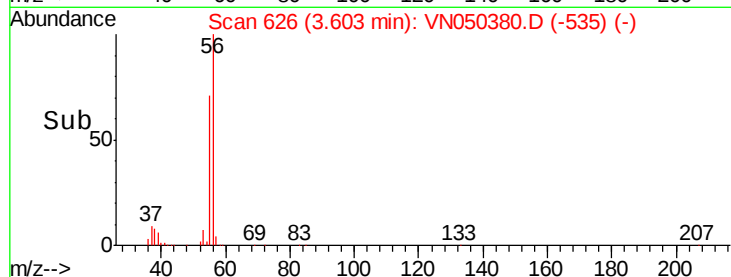
200000

100000

0

Time-->

3.50 3.60 3.70 3.80



#14

Allyl chloride

Concen: 147.215 ug/l

RT: 4.32 min Scan# 848

Delta R.T. -0.01 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

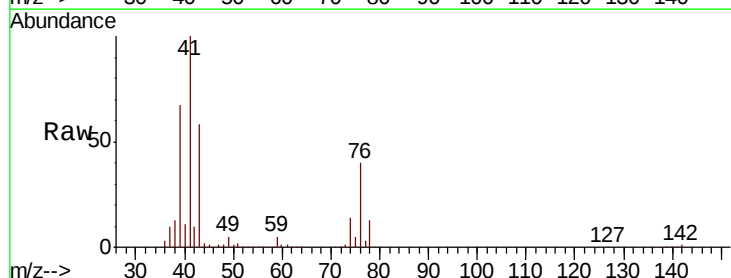
Tgt Ion: 41 Resp: 1795784

Ion Ratio Lower Upper

41 100

39 64.0 54.2 81.4

76 36.5 29.0 43.6



Abundance Ion 41.00 (40.70 to 41.70): VN050378.D (-815) (-)

Ion 39.00 (38.70 to 39.70): VN050378.D (-815) (-)

Ion 75.90 (75.60 to 76.60): VN050378.D (-815) (-)

800000

600000

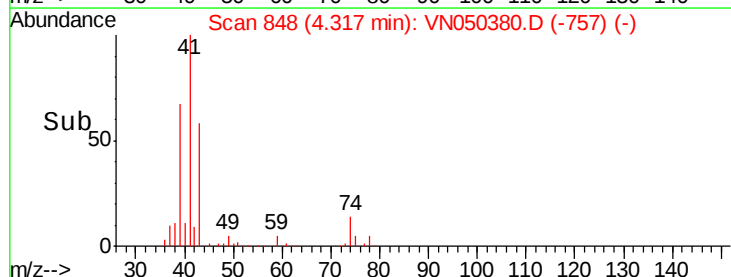
400000

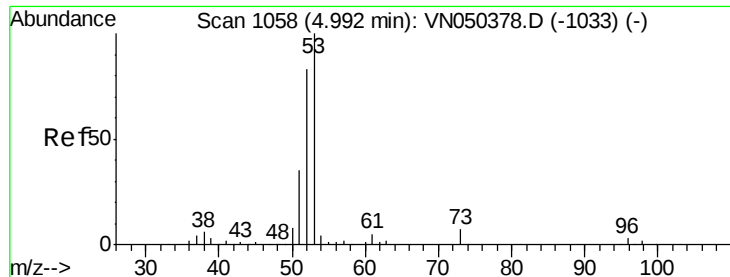
200000

0

Time-->

4.10 4.20 4.30 4.40



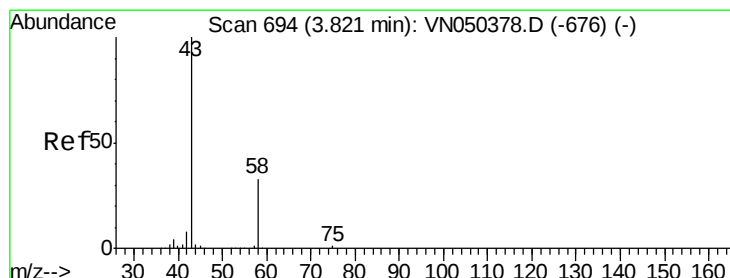
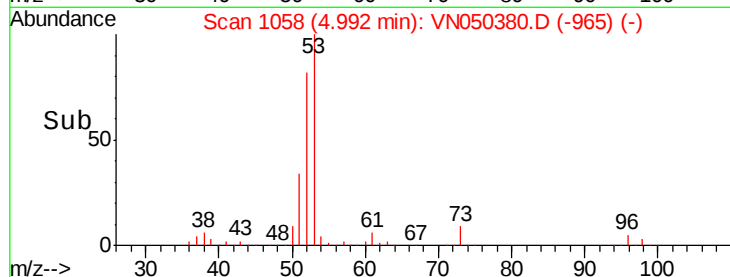
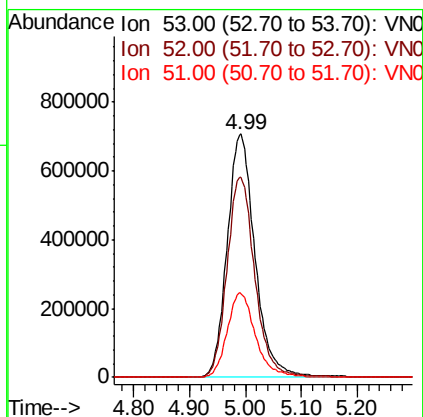
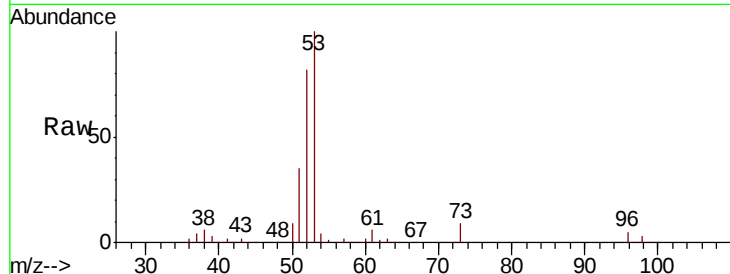


#15  
 Acrylonitrile  
 Concen: 775.226 ug/l  
 RT: 4.99 min Scan# 1058  
 Delta R.T. 0.00 min  
 Lab File: VN050380.D  
 Acq: 6 Aug 2018 13:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

Tot Ion: 53 Resp: 2448820  

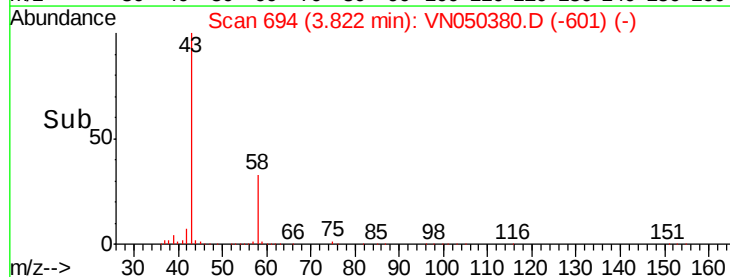
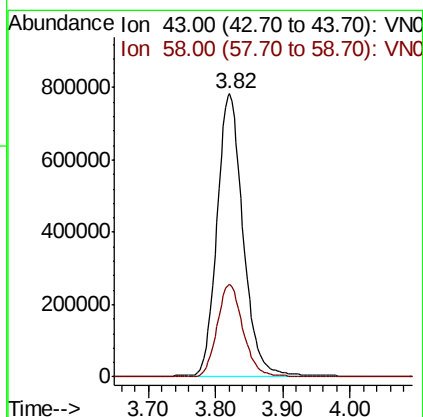
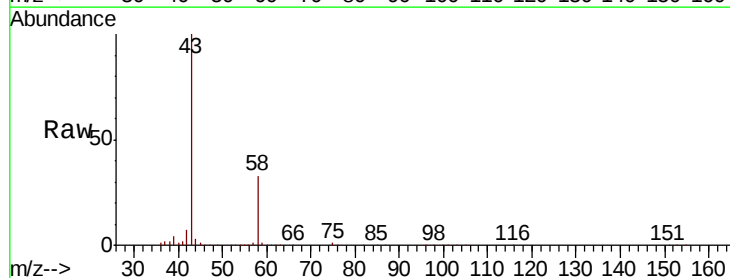
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.5  | 66.2  | 99.2  |
| 51  | 35.5  | 29.3  | 43.9  |

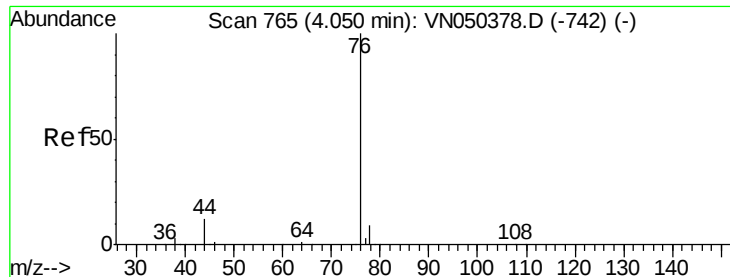


#16  
 Acetone  
 Concen: 747.317 ug/l  
 RT: 3.82 min Scan# 694  
 Delta R.T. 0.00 min  
 Lab File: VN050380.D  
 Acq: 6 Aug 2018 13:14

Tgt Ion: 43 Resp: 2090172  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 32.6  | 25.8  | 38.8  |





#17

Carbon Disulfide

Concen: 136.834 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

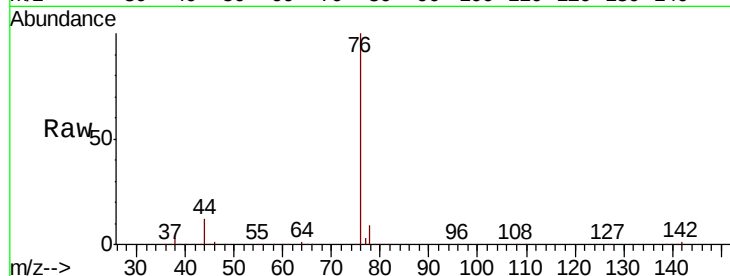
VSTDIC150

Tot Ion: 76 Resp: 3379767

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN050378.D (-742) (-)

Ion 77.90 (77.60 to 78.60): VN050378.D (-742) (-)

4.05

1200000

1000000

800000

600000

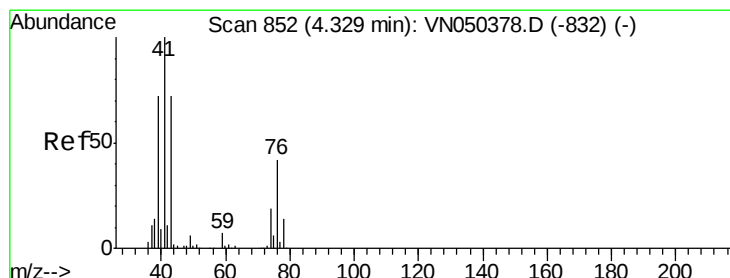
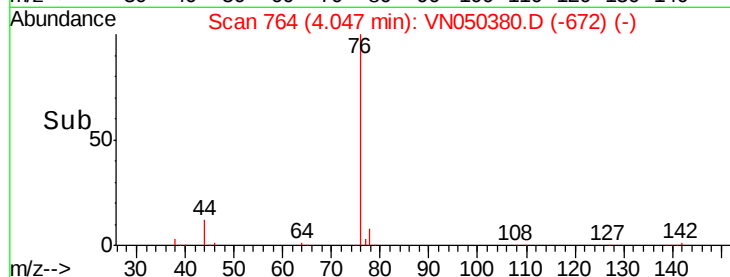
400000

200000

0

4.00 4.20

Time-->



#18

Methyl Acetate

Concen: 151.067 ug/l

RT: 4.33 min Scan# 851

Delta R.T. -0.00 min

Lab File: VN050380.D

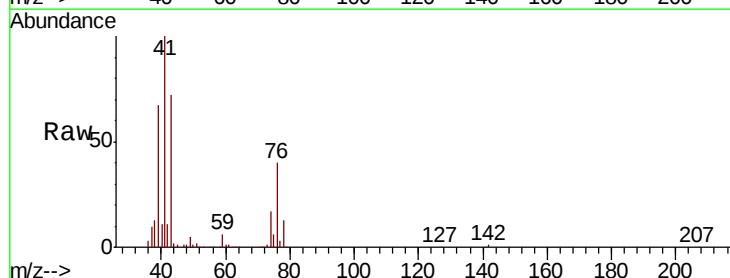
Acq: 6 Aug 2018 13:14

Tgt Ion: 43 Resp: 1096120

Ion Ratio Lower Upper

43 100

74 24.6 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-832) (-)

Ion 74.00 (73.70 to 74.70): VN050378.D (-832) (-)

4.33

400000

300000

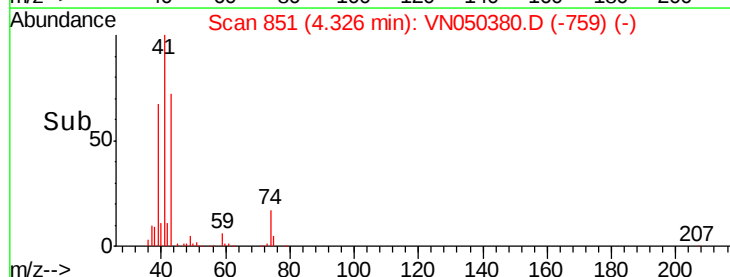
200000

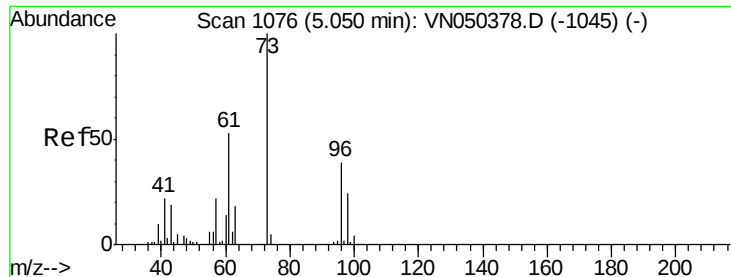
100000

0

4.20 4.30 4.40 4.50

Time-->

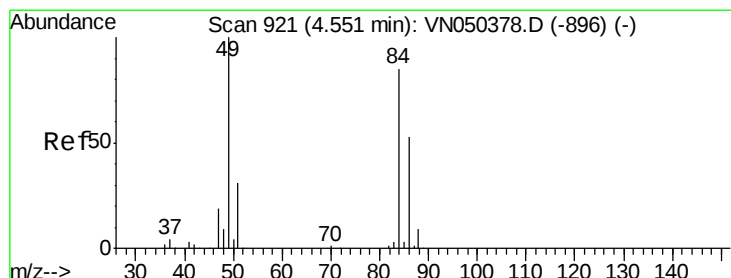
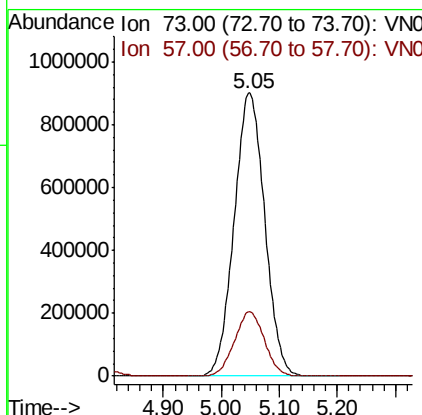
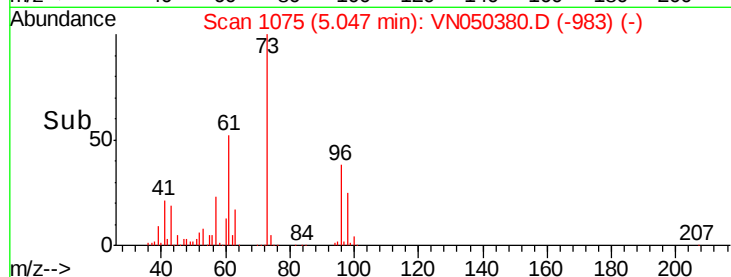
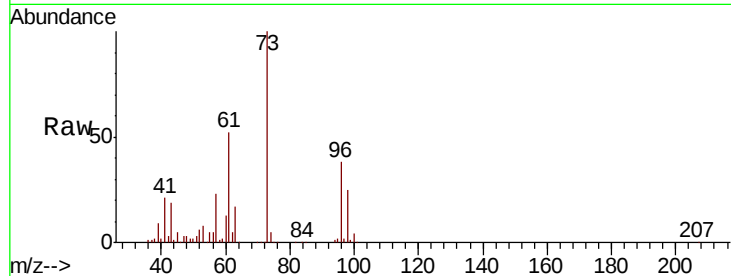




#19  
Methyl tert-butyl Ether  
Concen: 153.493 ug/l  
RT: 5.05 min Scan# 1075  
Delta R.T. -0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

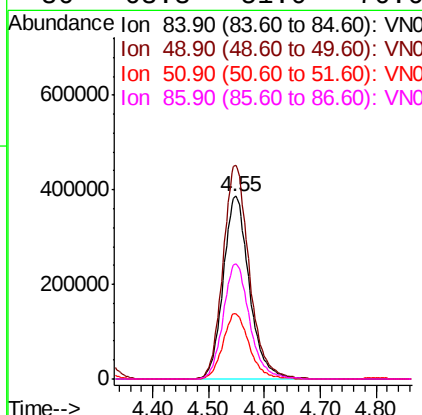
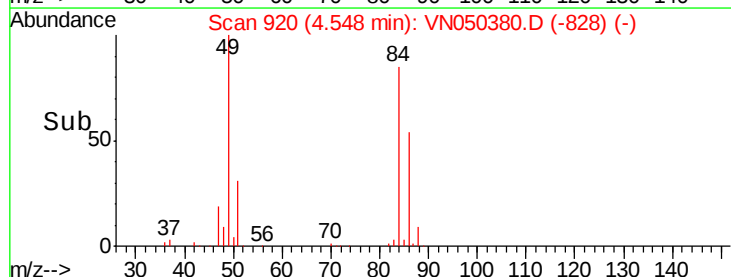
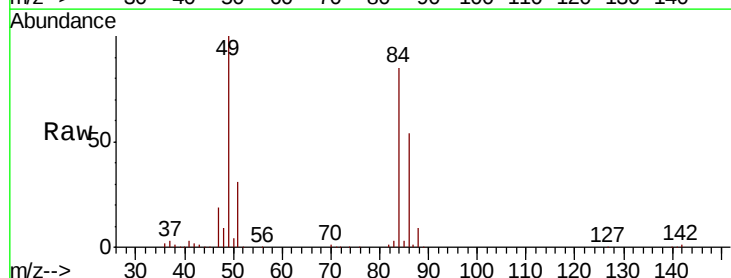
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

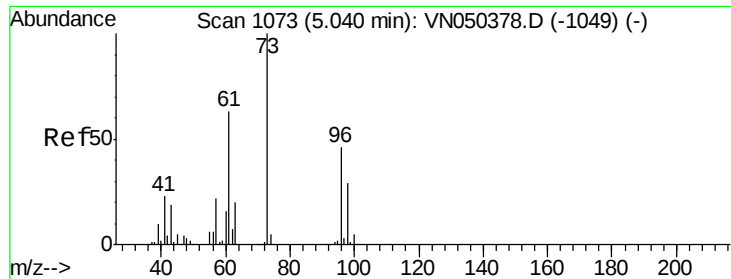
Tot Ion: 73 Resp: 3309293  
Ion Ratio Lower Upper  
73 100  
57 22.7 18.0 27.0



#20  
Methylene Chloride  
Concen: 150.117 ug/l  
RT: 4.55 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Tgt Ion: 84 Resp: 1258681  
Ion Ratio Lower Upper  
84 100  
49 117.0 94.8 142.2  
51 36.0 28.3 42.5  
86 63.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 143.164 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

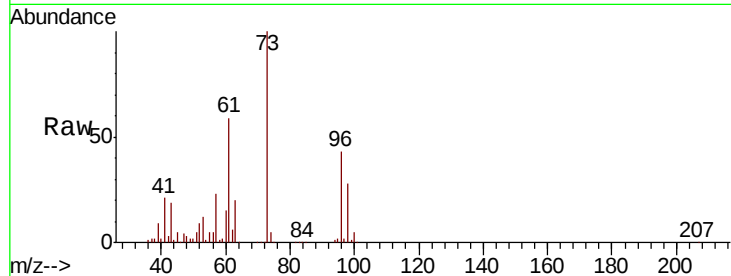
Tot Ion: 96 Resp: 1176796

Ion Ratio Lower Upper

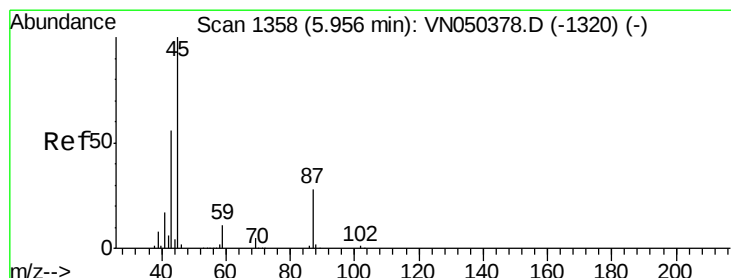
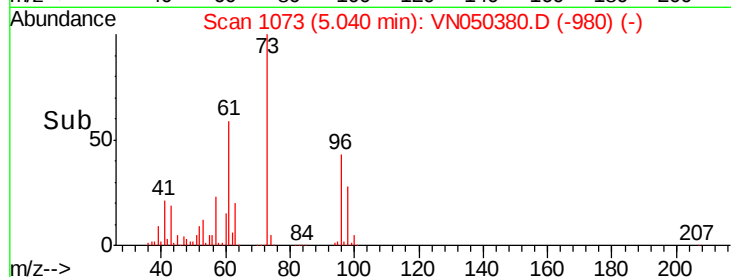
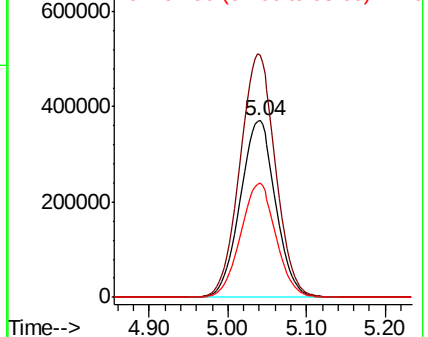
96 100

61 137.1 110.7 166.1

98 64.6 51.6 77.4



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



#22

Diisopropyl ether

Concen: 152.128 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Tgt Ion: 45 Resp: 3790959

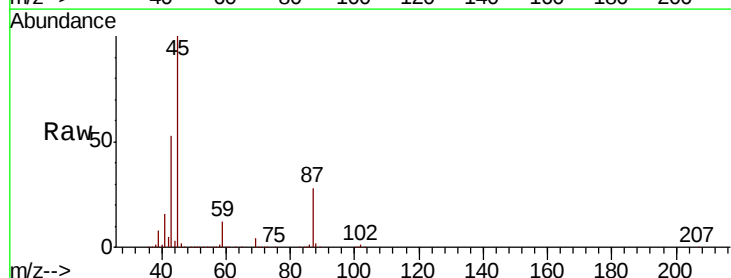
Ion Ratio Lower Upper

45 100

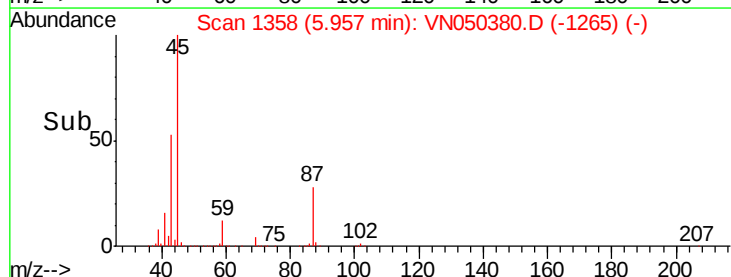
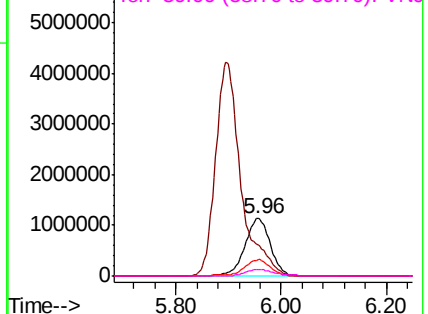
43 52.7 45.7 68.5

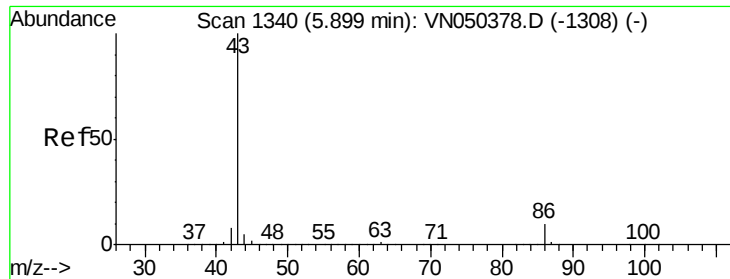
87 28.3 22.7 34.1

59 11.9 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VNO  
Ion 43.00 (42.70 to 43.70): VNO  
Ion 87.00 (86.70 to 87.70): VNO  
Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 789.832 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

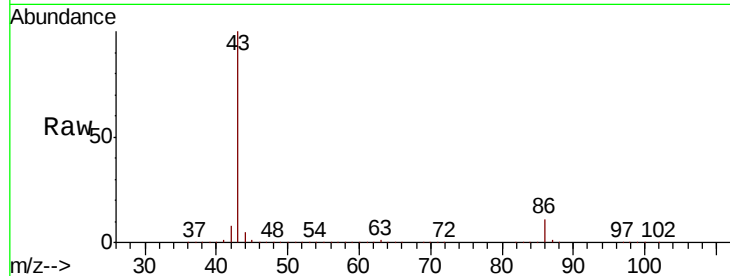
VSTDIC150

Tot Ion: 43 Resp:14042862

Ion Ratio Lower Upper

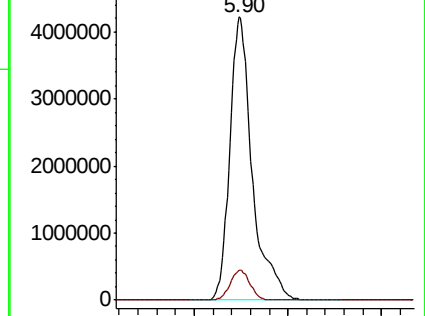
43 100

86 10.6 8.6 13.0

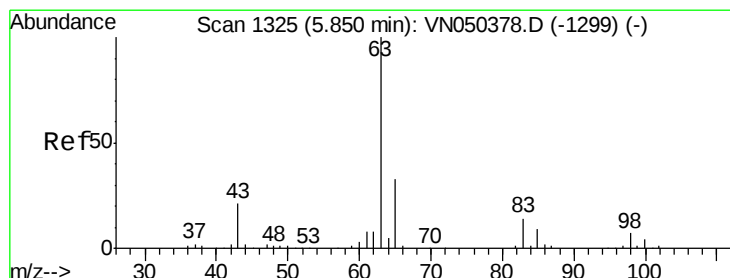
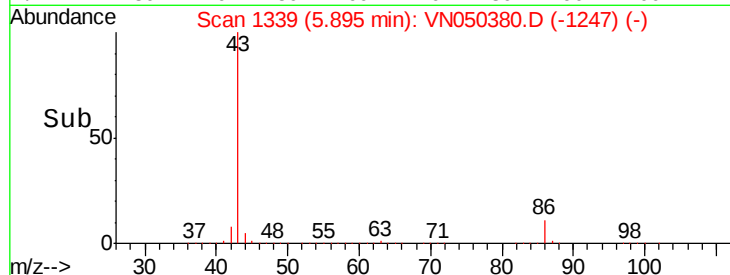


Abundance Ion 43.00 (42.70 to 43.70): VN050380.D (-1339) (-)

Ion 86.00 (85.70 to 86.70): VN050380.D (-1339) (-)



Time-->



#24

1,1-Dichloroethane

Concen: 142.242 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

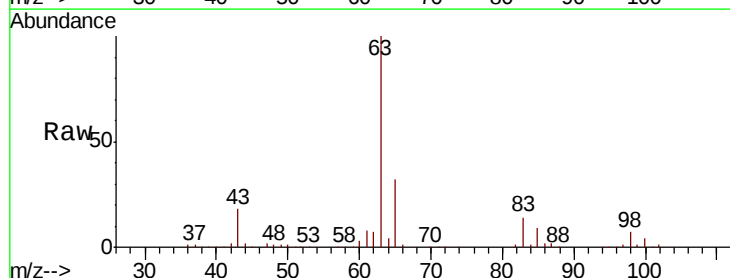
Tgt Ion: 63 Resp: 2174965

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

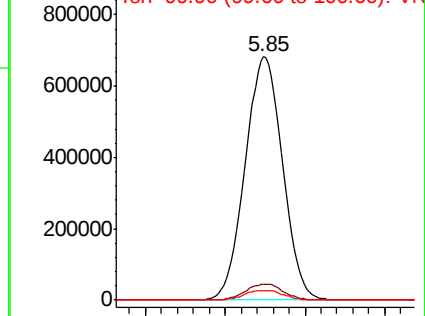
100 4.1 2.1 6.3



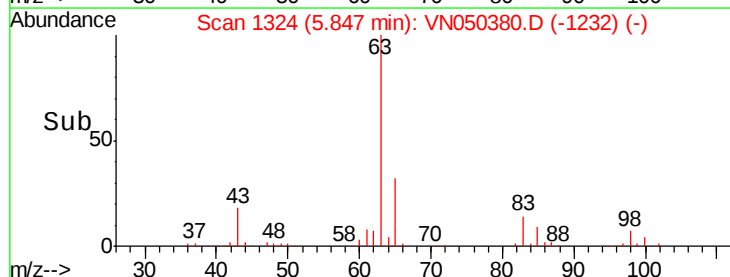
Abundance Ion 62.90 (62.60 to 63.60): VN050380.D (-1324) (-)

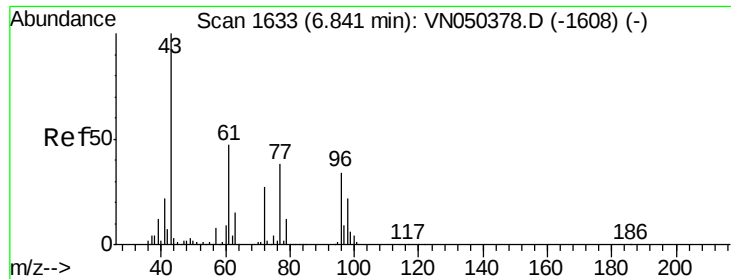
Ion 97.90 (97.60 to 98.60): VN050380.D (-1324) (-)

Ion 99.90 (99.60 to 100.60): VN050380.D (-1324) (-)



Time-->

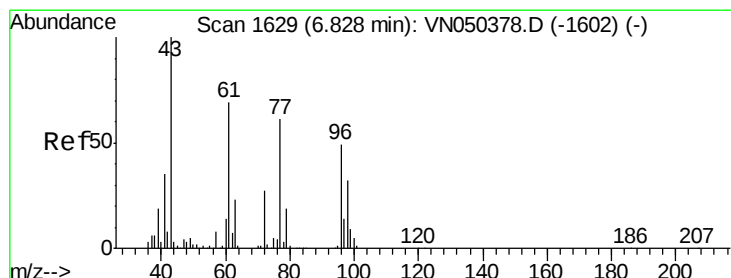
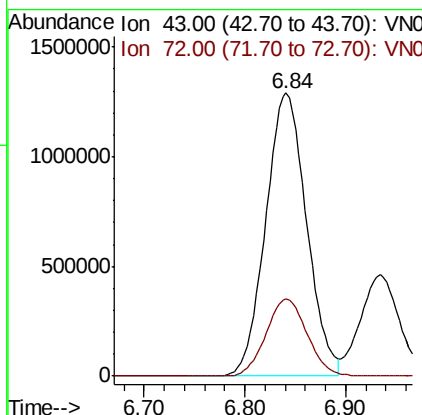
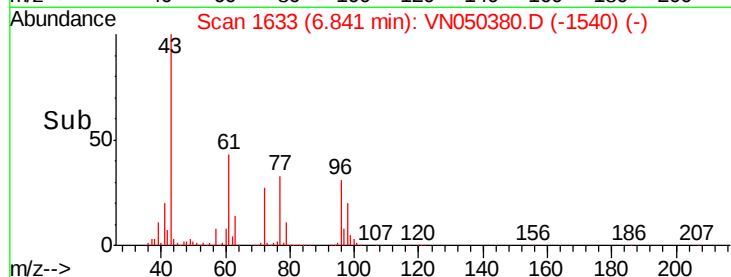
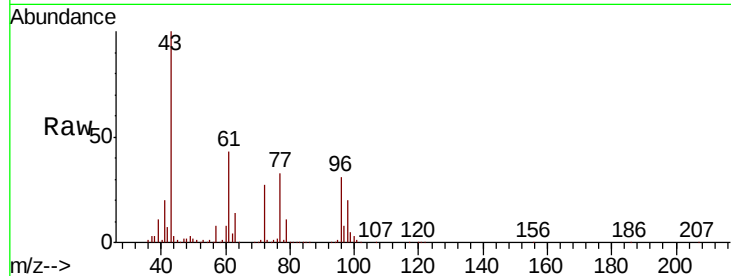




#25  
2-Butanone  
Concen: 780.616 ug/l  
RT: 6.84 min Scan# 1633  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

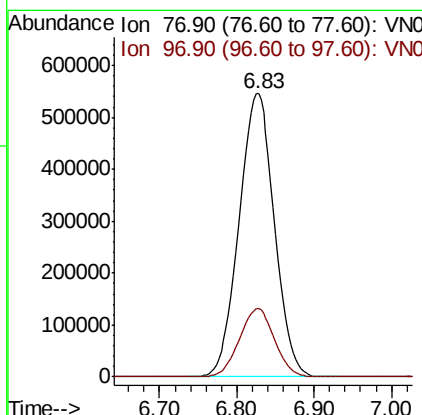
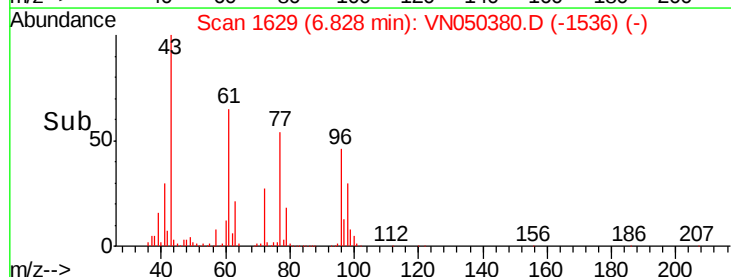
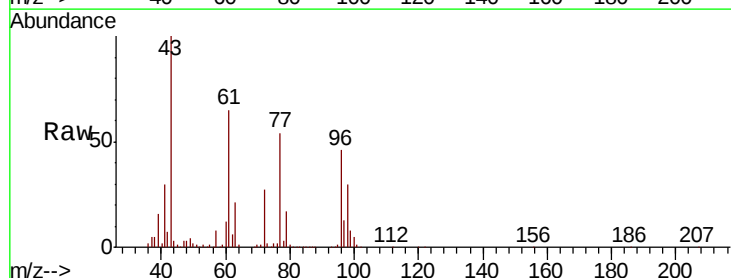
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

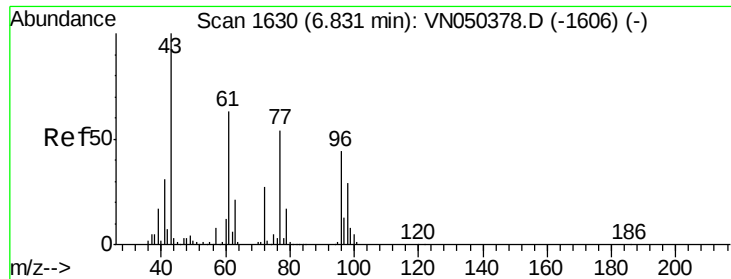
Tot Ion: 43 Resp: 3631274  
Ion Ratio Lower Upper  
43 100  
72 27.3 21.5 32.3



#26  
2,2-Dichloropropane  
Concen: 137.237 ug/l  
RT: 6.83 min Scan# 1629  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Tgt Ion: 77 Resp: 1729889  
Ion Ratio Lower Upper  
77 100  
97 24.0 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 147.680 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

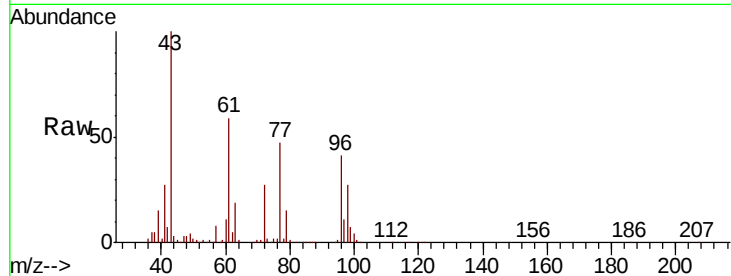
Tot Ion: 96 Resp: 1345480

Ion Ratio Lower Upper

96 100

61 142.6 0.0 285.0

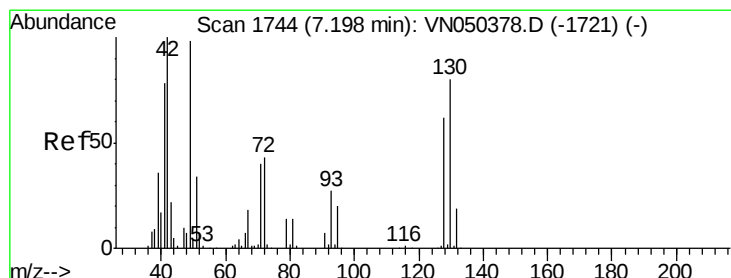
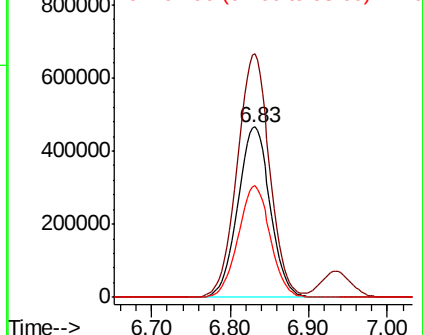
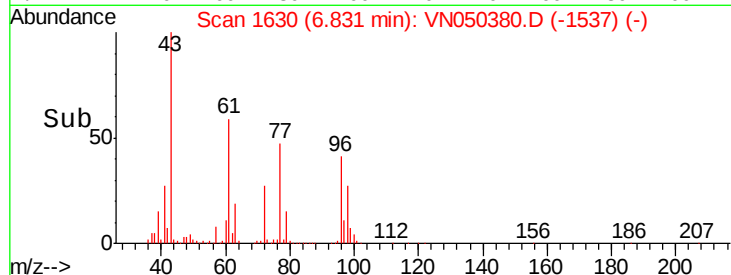
98 64.9 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 132.963 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

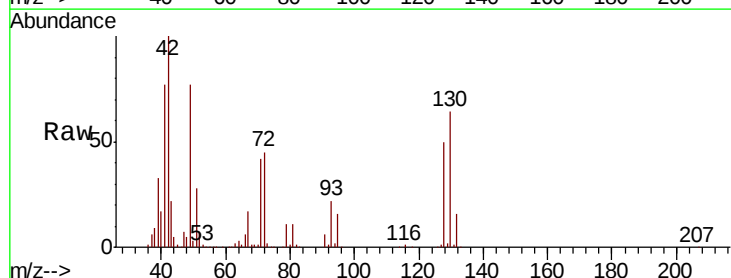
Tgt Ion: 49 Resp: 935892

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

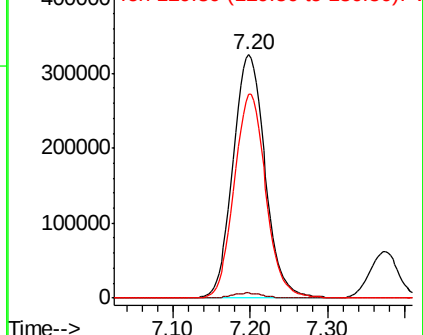
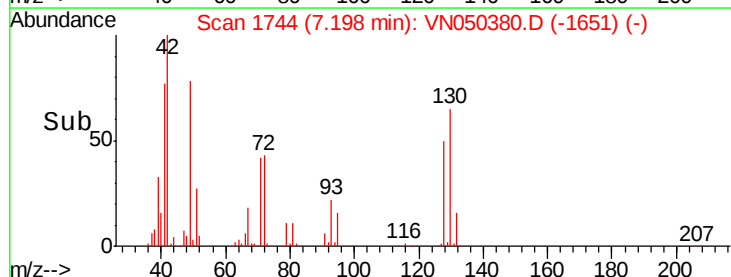
130 82.7 66.3 99.5

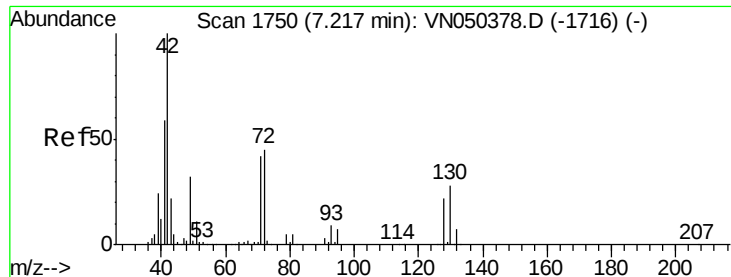


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 770.330 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

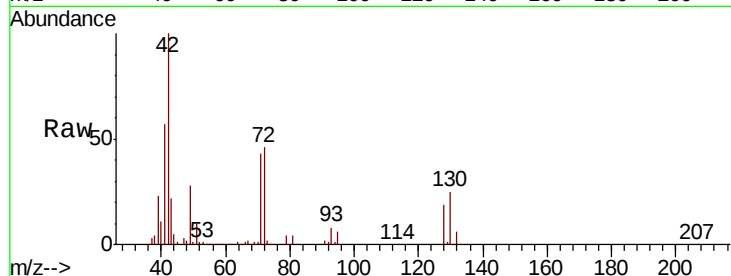
MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion: 42 Resp: 1918037

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 45.1  | 35.9  | 53.9  |
| 71  | 42.6  | 33.7  | 50.5  |

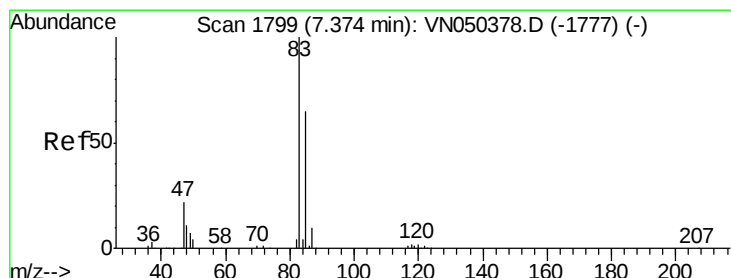
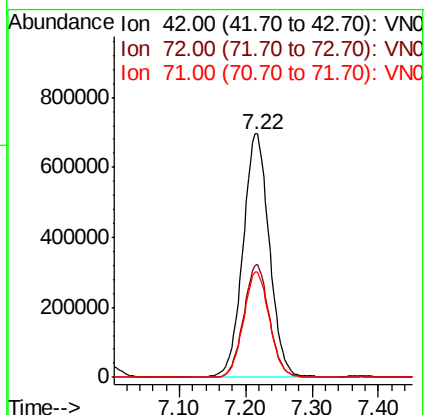
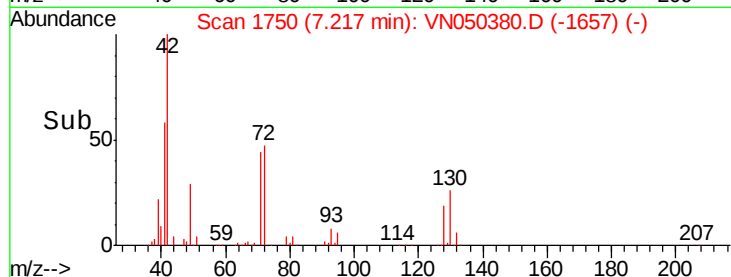


Abundance

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: 142.857 ug/l

RT: 7.37 min Scan# 1799

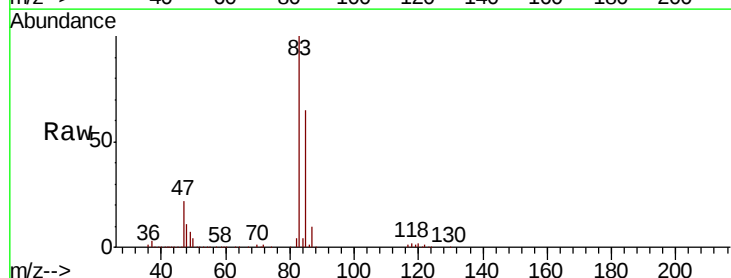
Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Tgt Ion: 83 Resp: 2183675

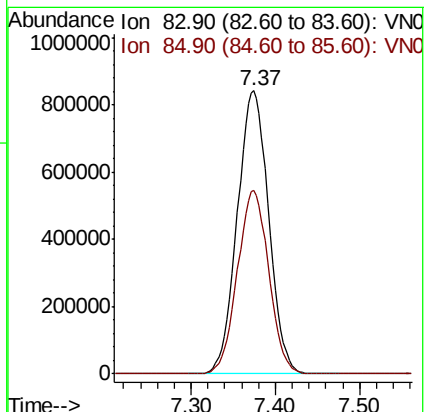
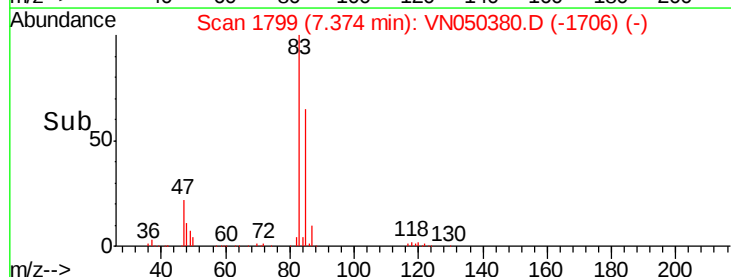
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.8  | 52.5  | 78.7  |

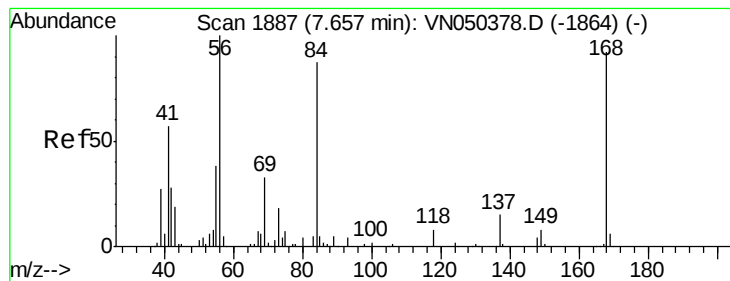


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 149.548 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

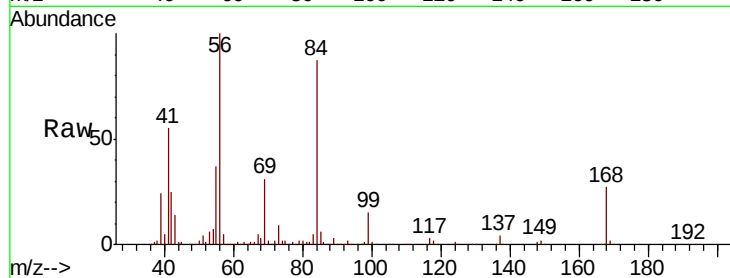
Tot Ion: 56 Resp: 1995668

Ion Ratio Lower Upper

56 100

69 30.9 26.2 39.4

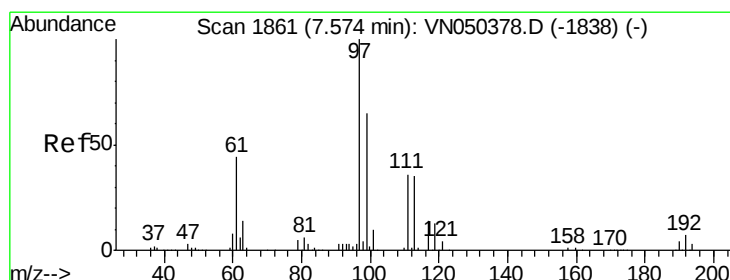
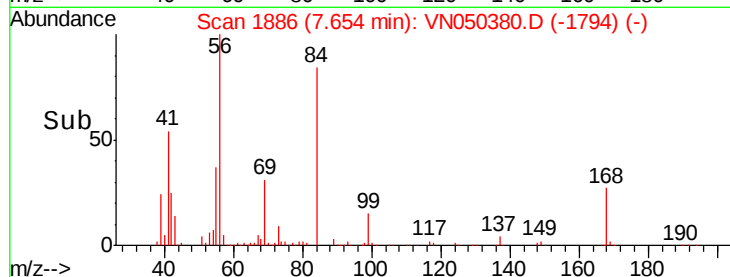
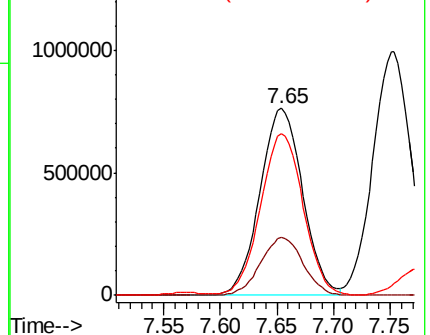
84 85.4 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN050380.D (-1864) (-)

Ion 69.00 (68.70 to 69.70): VN050380.D (-1864) (-)

Ion 84.00 (83.70 to 84.70): VN050380.D (-1864) (-)



#32

1,1,1-Trichloroethane

Concen: 144.304 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

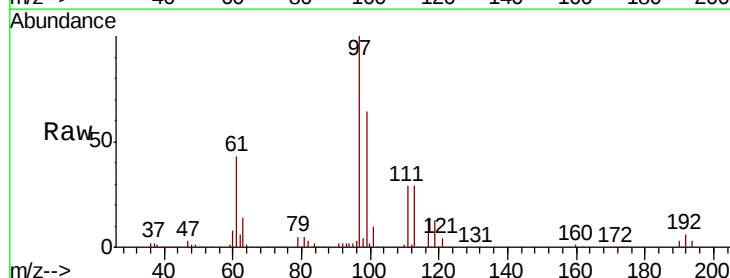
Tgt Ion: 97 Resp: 1894385

Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

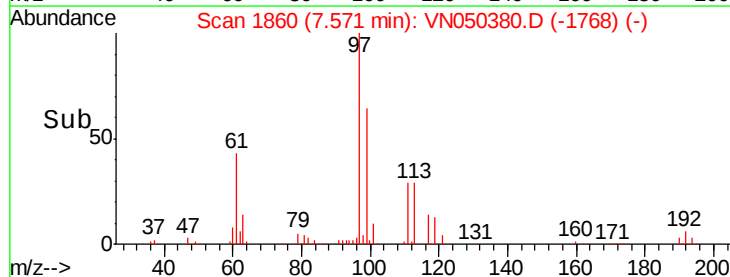
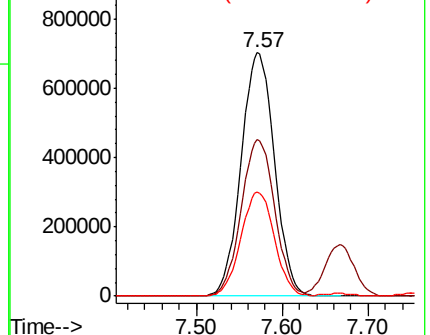
61 43.1 35.4 53.0

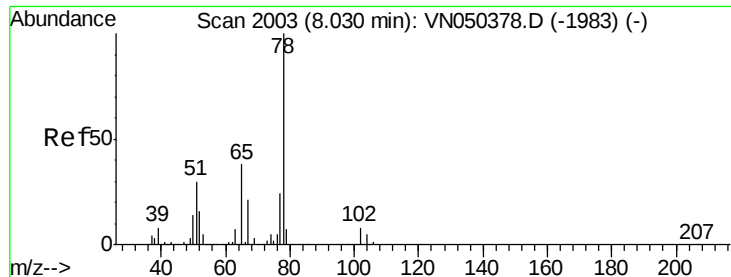


Abundance Ion 96.90 (96.60 to 97.60): VN050380.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN050380.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN050380.D (-1768) (-)

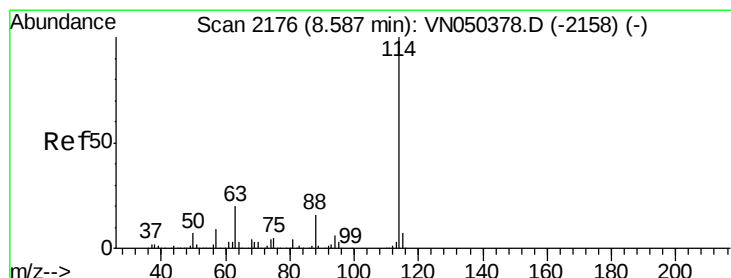
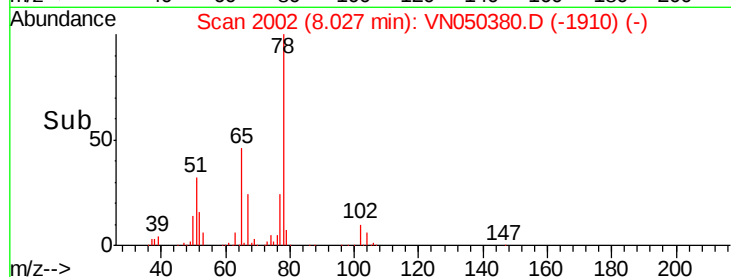
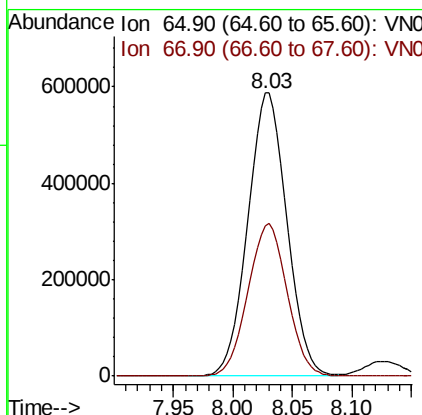
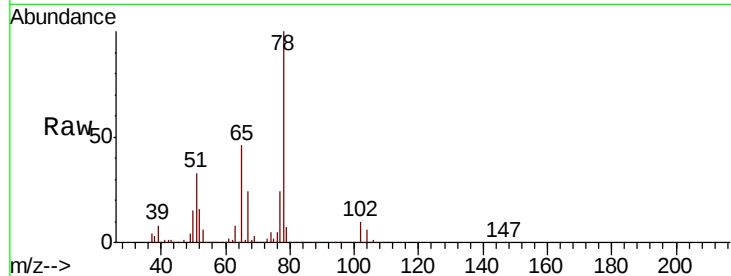




#33  
 1,2-Dichloroethane-d4  
 Concen: 142.192 ug/l  
 RT: 8.03 min Scan# 2002  
 Delta R.T. -0.00 min  
 Lab File: VN050380.D  
 Acq: 6 Aug 2018 13:14

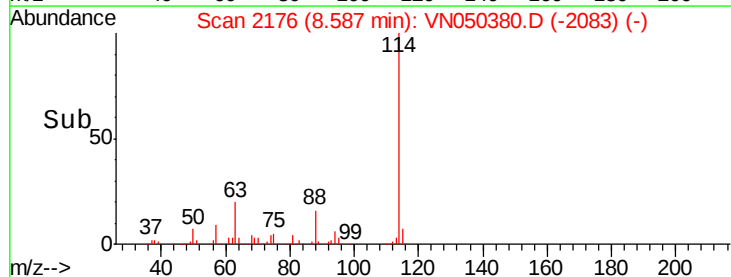
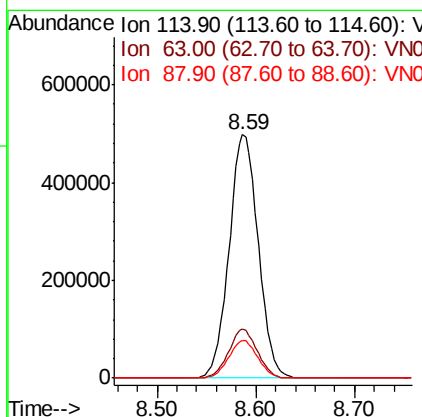
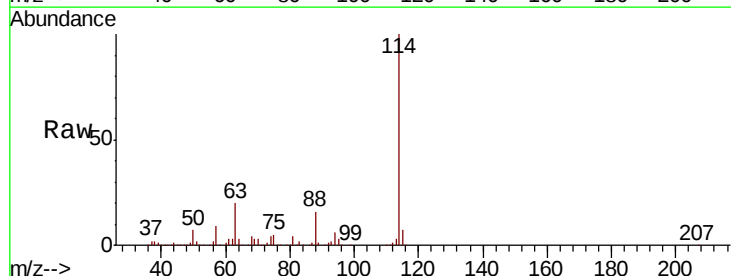
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

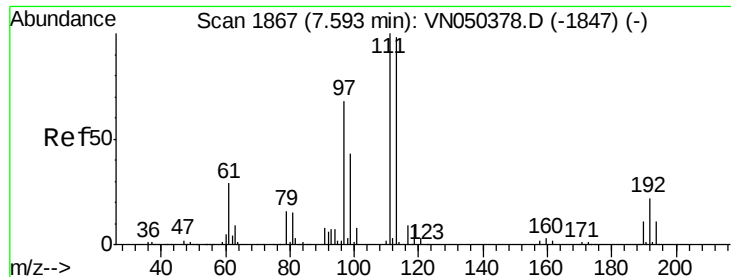
Tot Ion: 65 Resp: 1334825  
 Ion Ratio Lower Upper  
 65 100  
 67 54.2 0.0 108.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2176  
 Delta R.T. 0.00 min  
 Lab File: VN050380.D  
 Acq: 6 Aug 2018 13:14

Tgt Ion: 114 Resp: 1023118  
 Ion Ratio Lower Upper  
 114 100  
 63 20.0 0.0 40.0  
 88 15.6 0.0 31.2

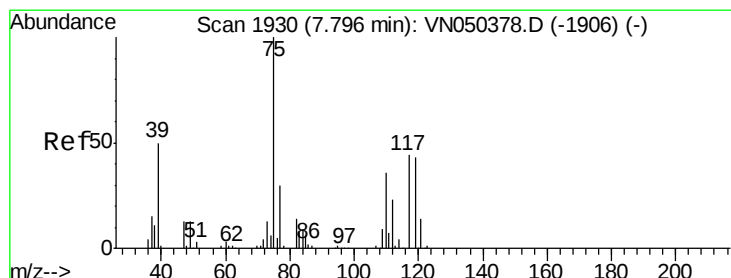
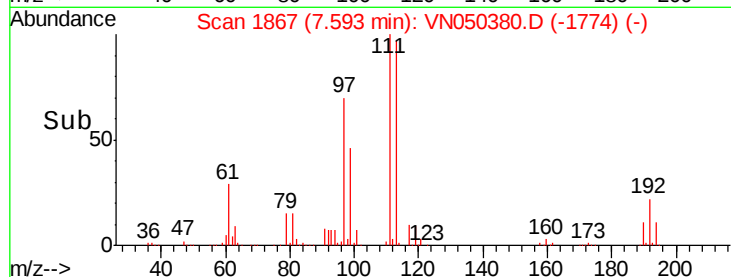
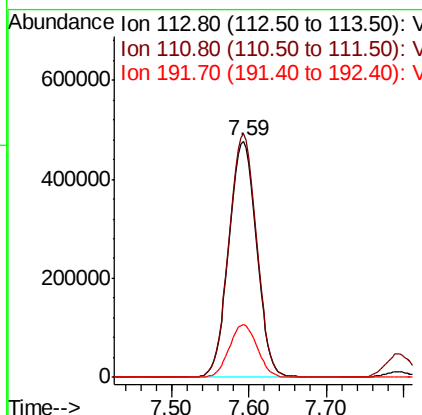
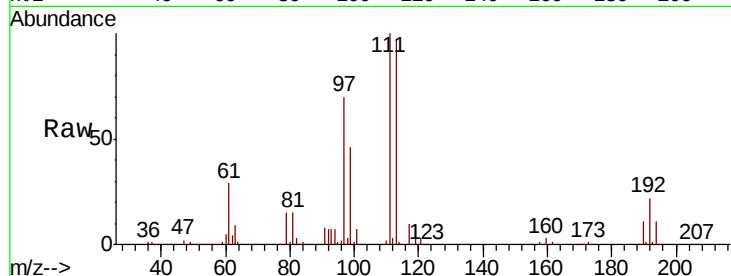




#35  
 Dibromofluoromethane  
 Concen: 144.266 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN050380.D  
 Acq: 6 Aug 2018 13:14

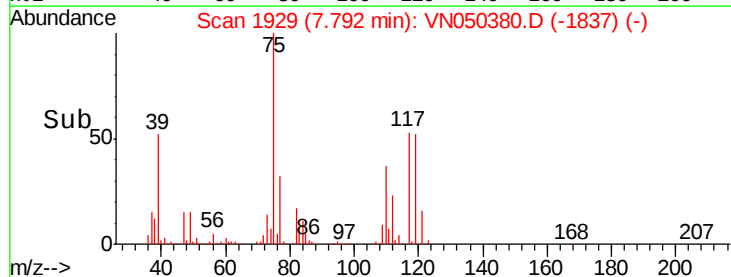
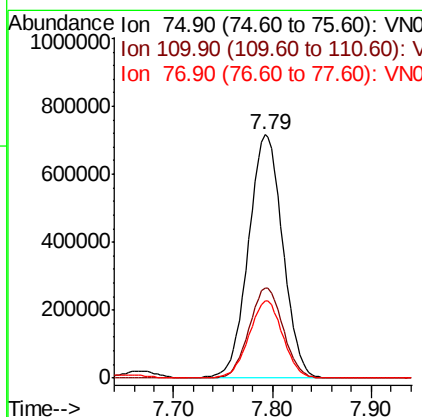
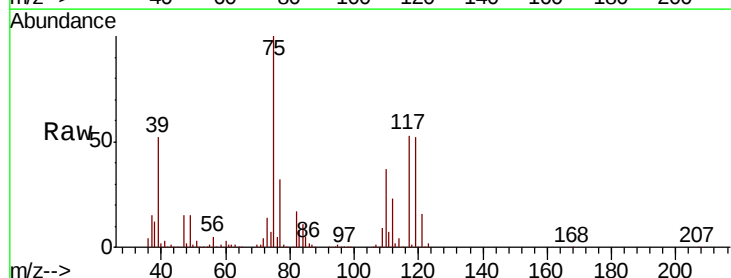
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

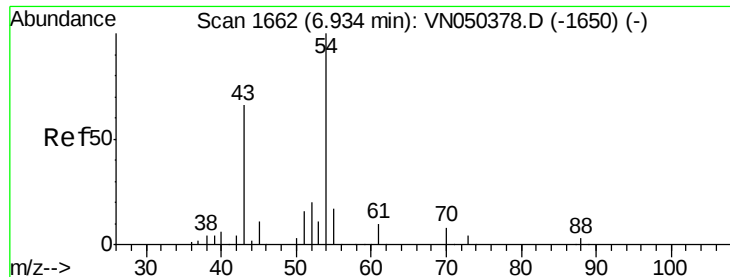
Tot Ion:113 Resp: 1184338  
 Ion Ratio Lower Upper  
 113 100  
 111 102.7 80.7 121.1  
 192 22.5 17.8 26.6



#36  
 1,1-Dichloropropene  
 Concen: 152.228 ug/l  
 RT: 7.79 min Scan# 1929  
 Delta R.T. -0.00 min  
 Lab File: VN050380.D  
 Acq: 6 Aug 2018 13:14

Tgt Ion: 75 Resp: 1711264  
 Ion Ratio Lower Upper  
 75 100  
 110 36.8 18.4 55.2  
 77 31.5 25.3 37.9

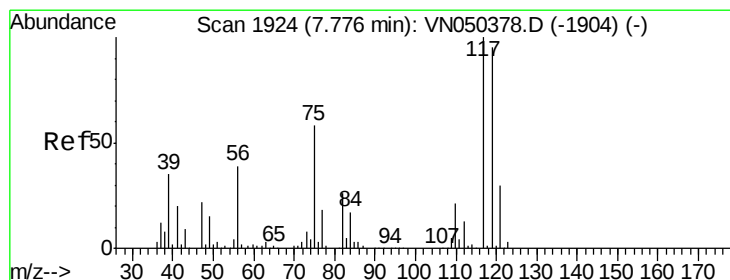
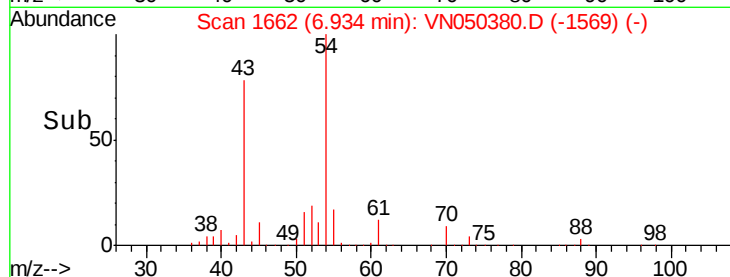
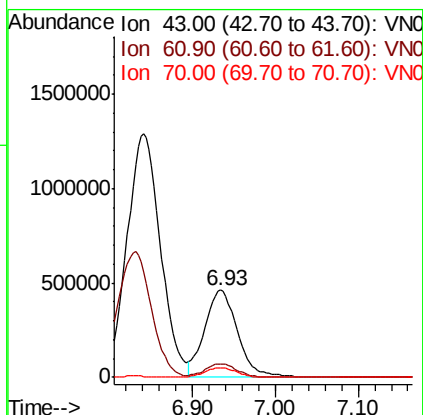
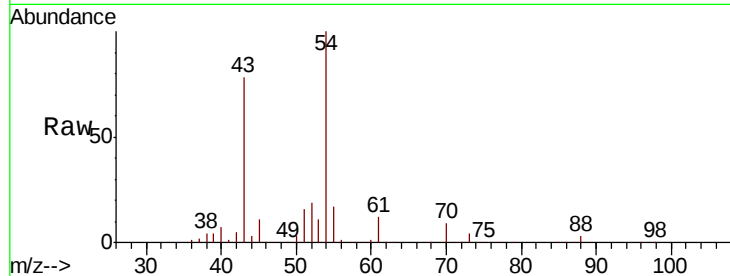




#37  
Ethyl Acetate  
Concen: 157.110 ug/l  
RT: 6.93 min Scan# 1662  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

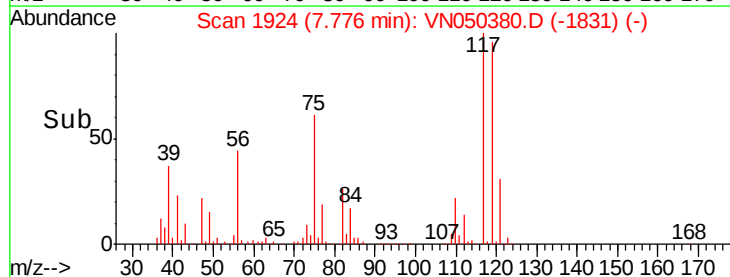
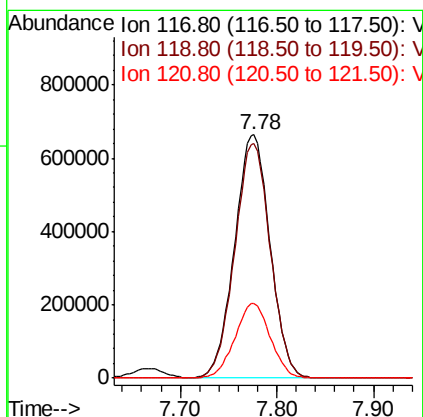
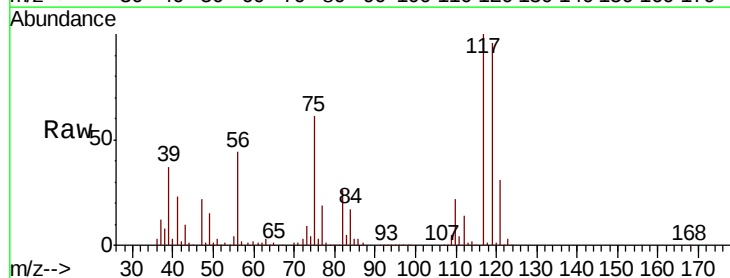
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

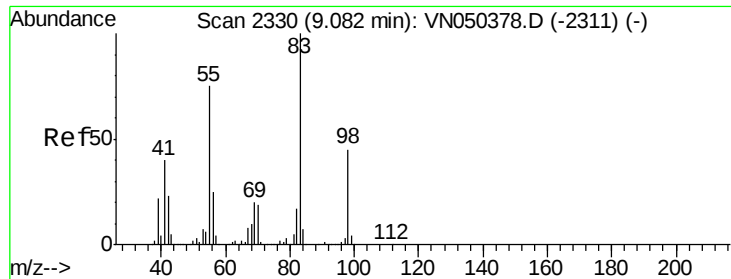
Tot Ion: 43 Resp: 1271869  
Ion Ratio Lower Upper  
43 100  
61 14.9 11.8 17.8  
70 11.0 8.4 12.6



#38  
Carbon Tetrachloride  
Concen: 144.064 ug/l  
RT: 7.78 min Scan# 1924  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Tgt Ion: 117 Resp: 1689447  
Ion Ratio Lower Upper  
117 100  
119 96.3 77.4 116.0  
121 30.9 23.9 35.9

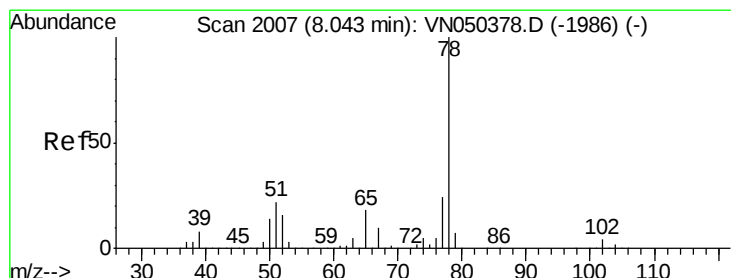
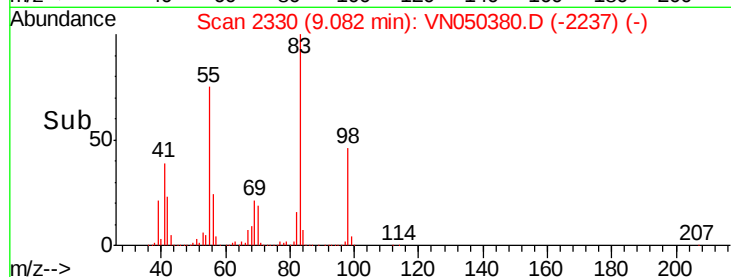
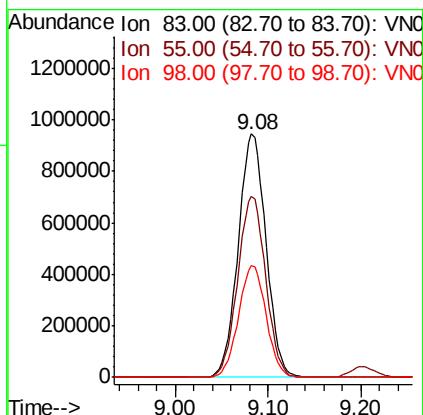
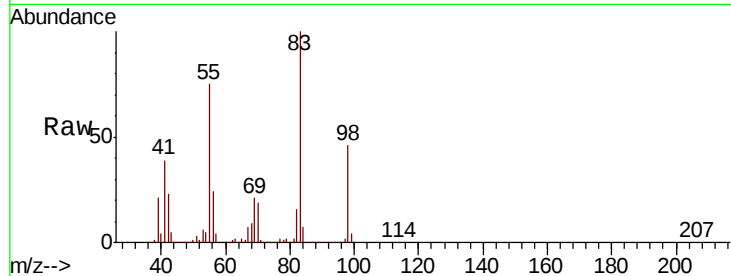




#39  
Methvlcvclohexane  
Concen: 159.600 ug/l  
RT: 9.08 min Scan# 2330  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

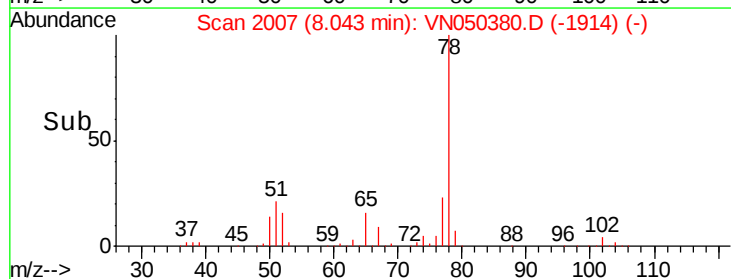
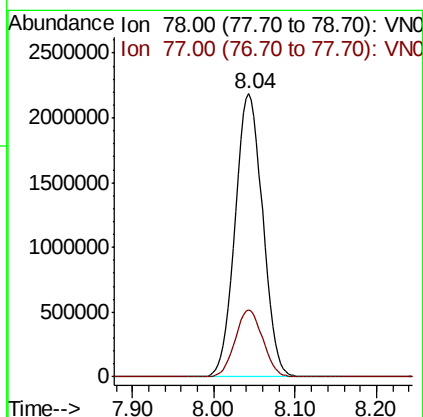
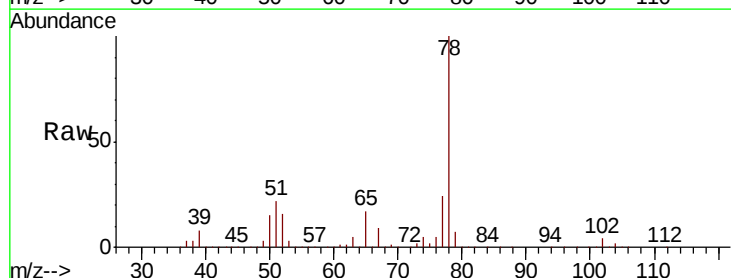
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

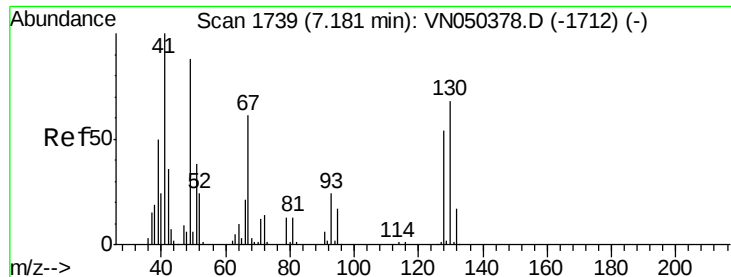
Tot Ion: 83 Resp: 1958392  
Ion Ratio Lower Upper  
83 100  
55 74.5 61.8 92.8  
98 45.8 36.5 54.7



#40  
Benzene  
Concen: 148.241 ug/l  
RT: 8.04 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Tgt Ion: 78 Resp: 5123272  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.7 28.1

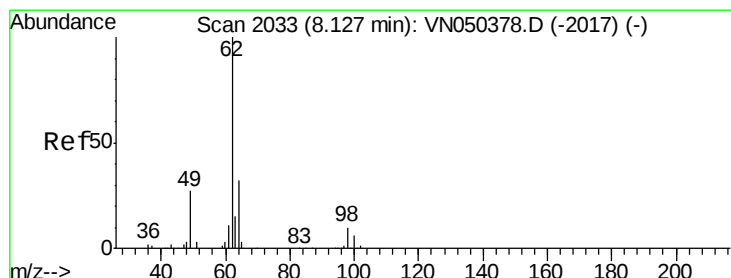
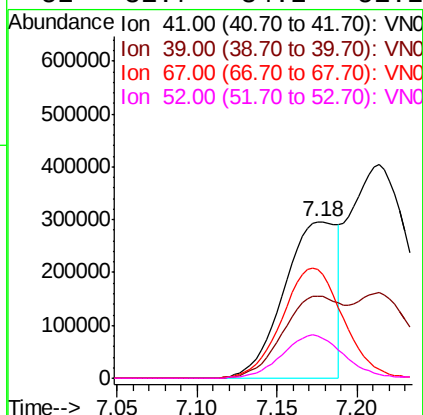
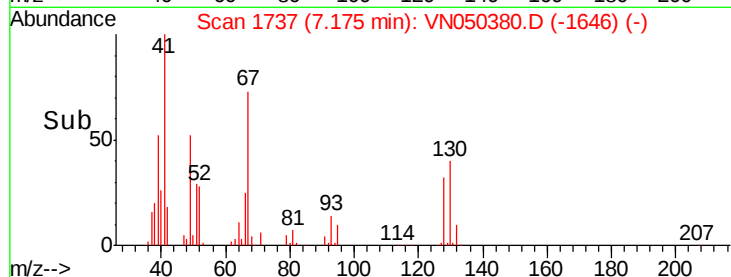
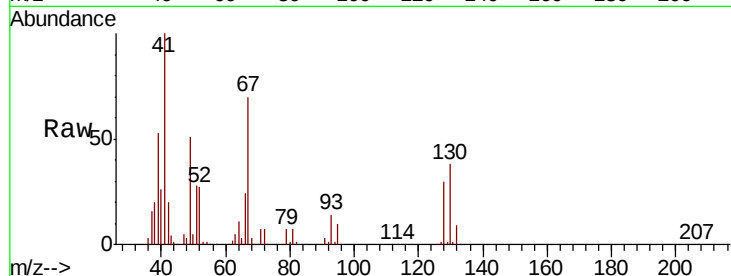




#41  
Methacrylonitrile  
Concen: 159.524 ug/l  
RT: 7.18 min Scan# 1737  
Delta R.T. -0.01 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

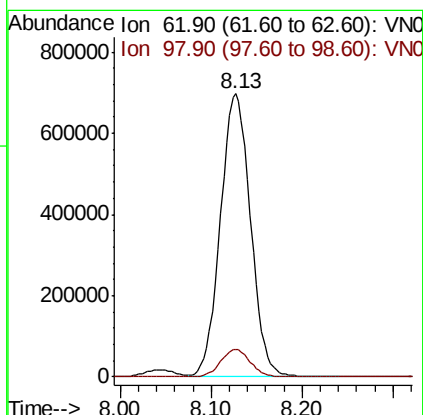
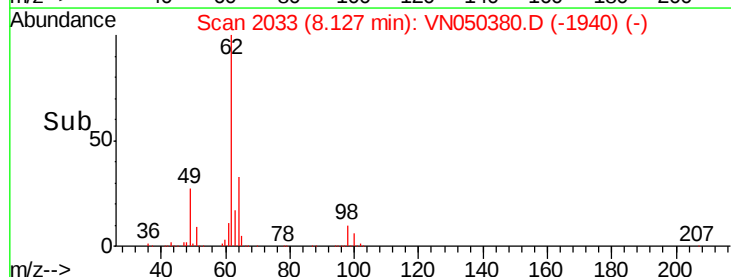
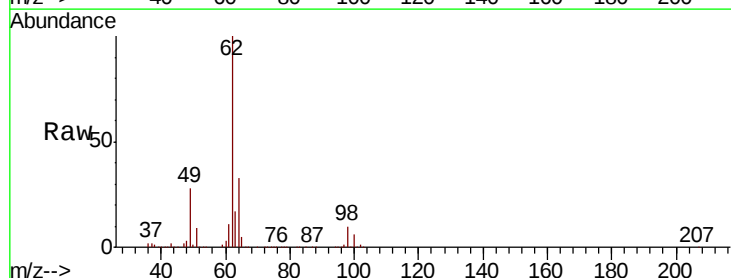
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

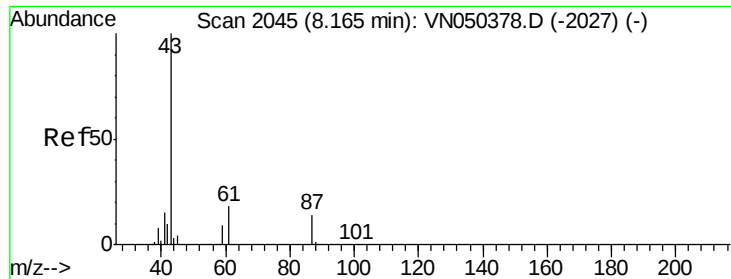
Tot Ion: 41 Resp: 686715  
Ion Ratio Lower Upper  
41 100  
39 60.2 55.8 83.6  
67 81.7 84.3 126.5#  
52 31.7 34.2 51.2#



#42  
1,2-Dichloroethane  
Concen: 145.916 ug/l  
RT: 8.13 min Scan# 2033  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Tgt Ion: 62 Resp: 1600957  
Ion Ratio Lower Upper  
62 100  
98 9.5 0.0 18.8



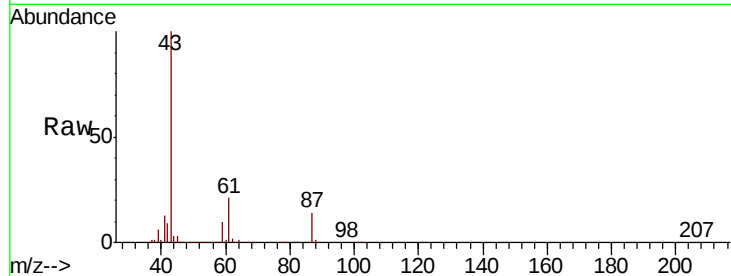


#43

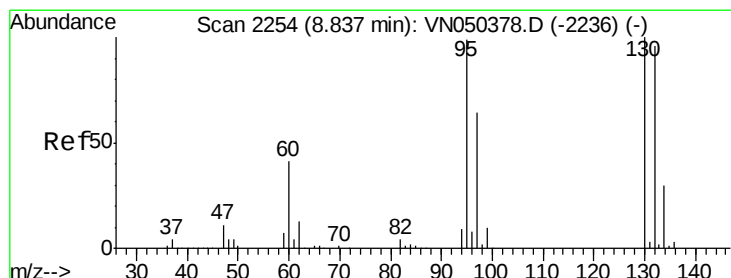
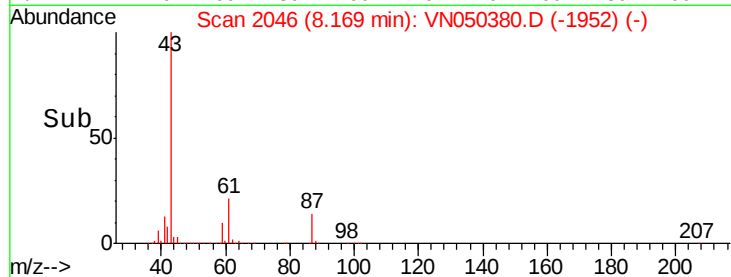
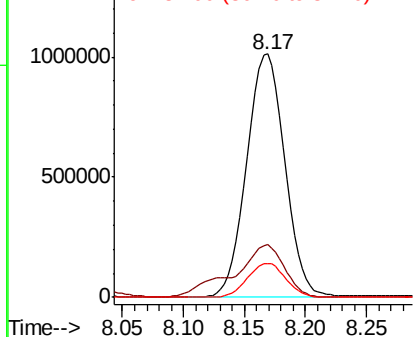
Isopropyl Acetate  
 Concen: 156.707 ug/l  
 RT: 8.17 min Scan# 2046  
 Delta R.T. 0.00 min  
 Lab File: VN050380.D  
 Acq: 6 Aug 2018 13:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

Tot Ion: 43 Resp: 2190006  
 Ion Ratio Lower Upper  
 43 100  
 61 28.9 15.8 23.6#  
 87 14.0 10.3 15.5



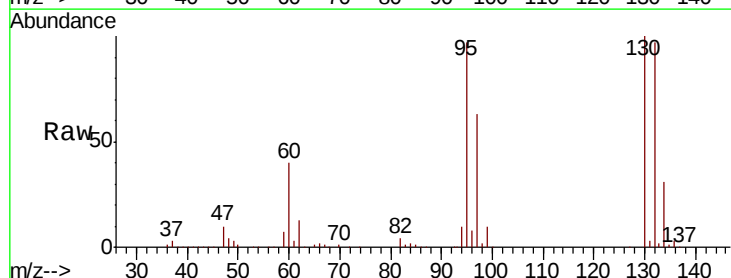
Abundance Ion 43.00 (42.70 to 43.70): VN0  
 Ion 61.00 (60.70 to 61.70): VN0  
 Ion 87.00 (86.70 to 87.70): VN0



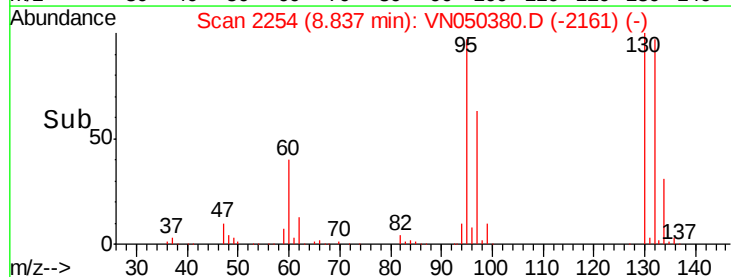
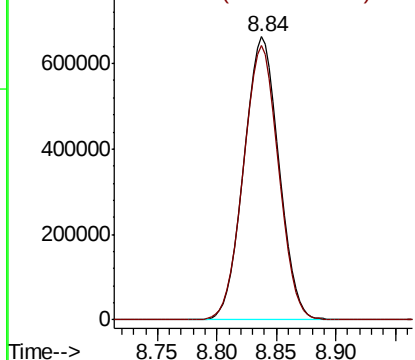
#44

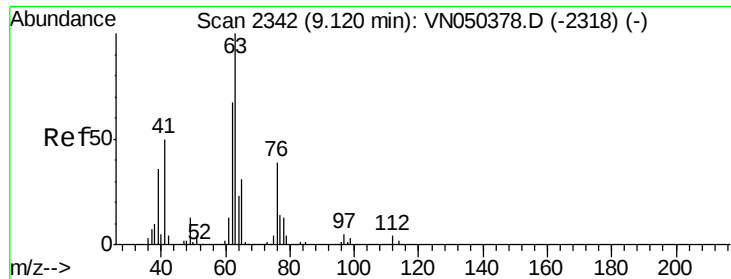
Trichloroethene  
 Concen: 145.882 ug/l  
 RT: 8.84 min Scan# 2254  
 Delta R.T. 0.00 min  
 Lab File: VN050380.D  
 Acq: 6 Aug 2018 13:14

Tgt Ion:130 Resp: 1354723  
 Ion Ratio Lower Upper  
 130 100  
 95 96.8 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): V  
 Ion 94.90 (94.60 to 95.60): VN0

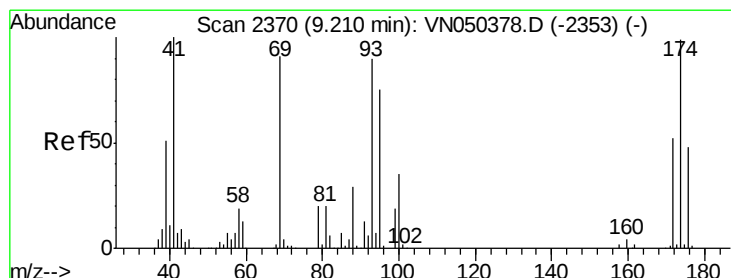
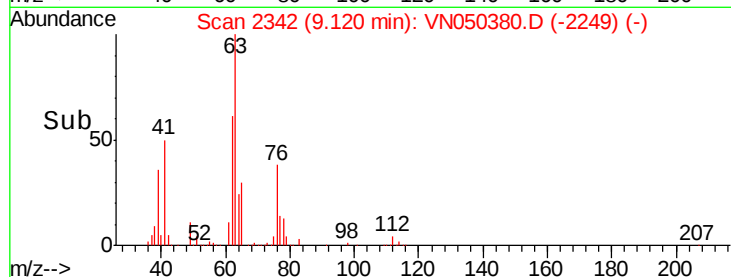
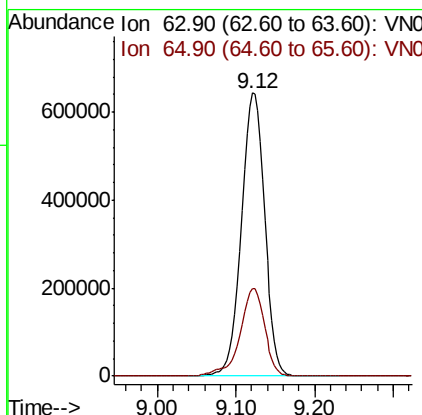
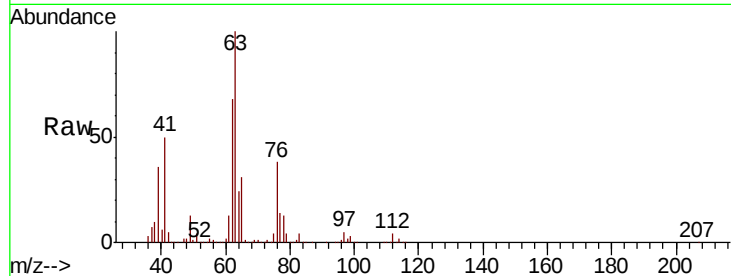




#45  
 1,2-Dichloropropane  
 Concen: 146.639 ug/l  
 RT: 9.12 min Scan# 2342  
 Delta R.T. 0.00 min  
 Lab File: VN050380.D  
 Acq: 6 Aug 2018 13:14

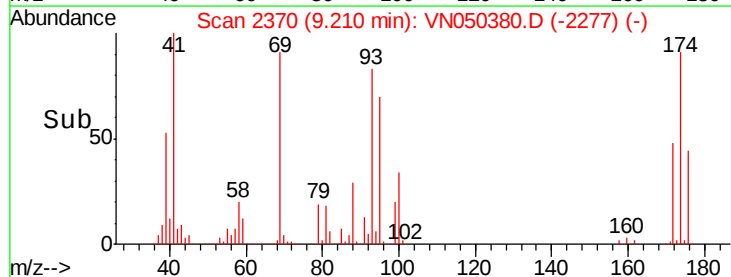
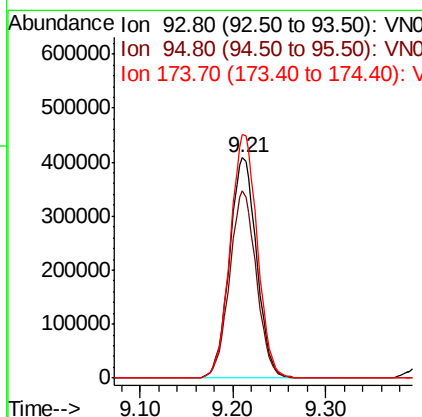
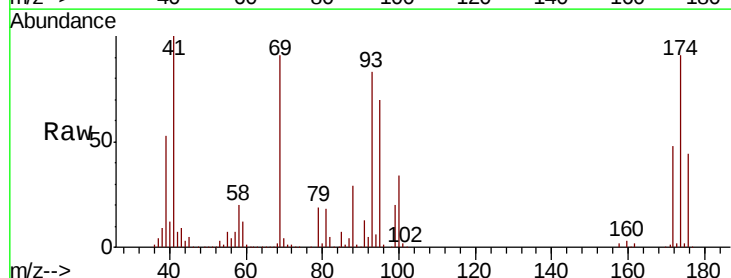
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

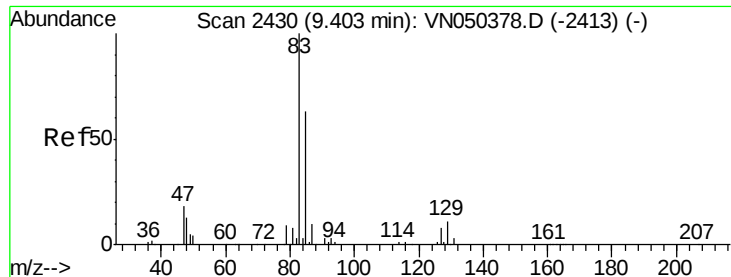
Tot Ion: 63 Resp: 1332403  
 Ion Ratio Lower Upper  
 63 100  
 65 31.0 25.5 38.3



#46  
 Dibromomethane  
 Concen: 147.505 ug/l  
 RT: 9.21 min Scan# 2370  
 Delta R.T. 0.00 min  
 Lab File: VN050380.D  
 Acq: 6 Aug 2018 13:14

Tgt Ion: 93 Resp: 827645  
 Ion Ratio Lower Upper  
 93 100  
 95 83.8 66.6 100.0  
 174 110.7 87.1 130.7

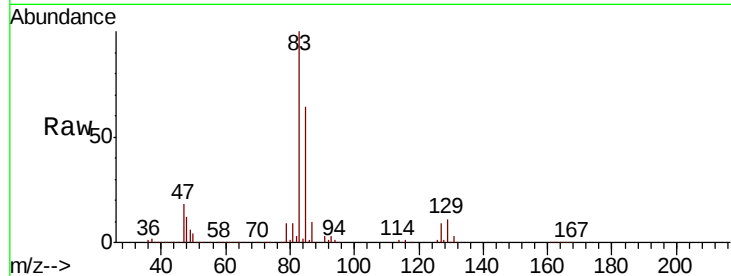




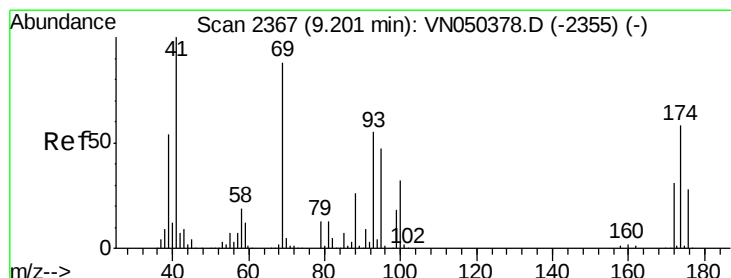
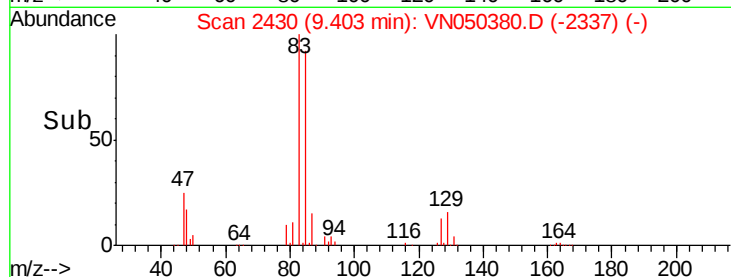
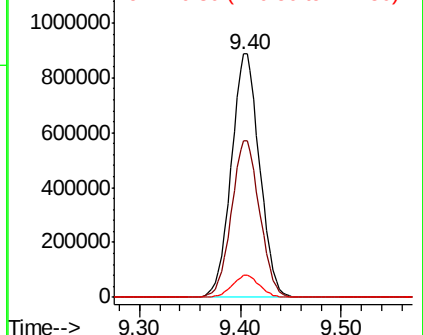
#47  
Bromodichloromethane  
Concen: 148.112 ug/l  
RT: 9.40 min Scan# 2430  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tot Ion: 83 Resp: 1721310  
Ion Ratio Lower Upper  
83 100  
85 64.3 51.1 76.7  
127 8.9 7.0 10.4

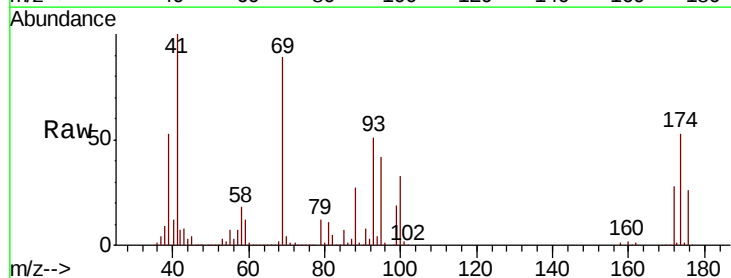


Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): V

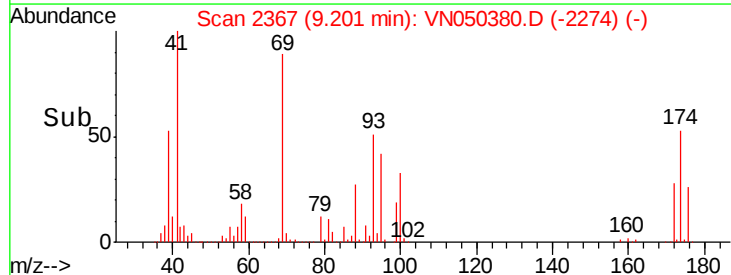
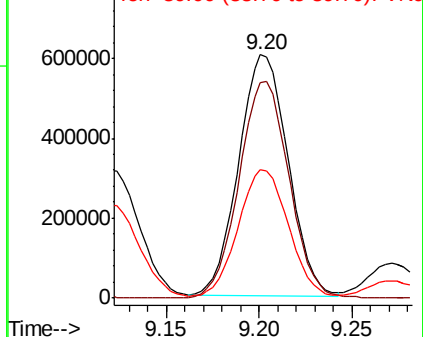


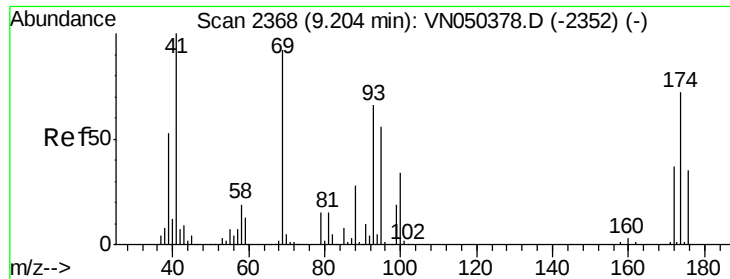
#48  
Methyl methacrylate  
Concen: 158.891 ug/l  
RT: 9.20 min Scan# 2367  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Tgt Ion: 41 Resp: 1112910  
Ion Ratio Lower Upper  
41 100  
69 91.8 70.6 105.8  
39 54.7 43.9 65.9



Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 3190.572 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

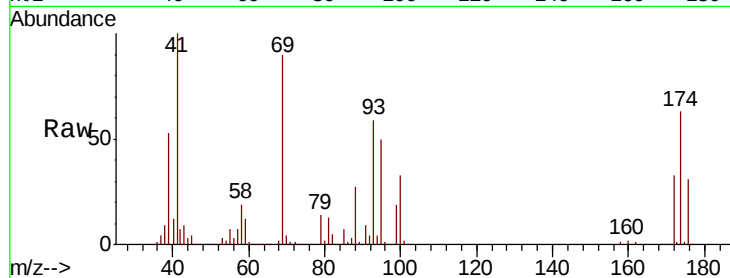
Tot Ion: 88 Resp: 344476

Ion Ratio Lower Upper

88 100

43 30.6 26.9 40.3

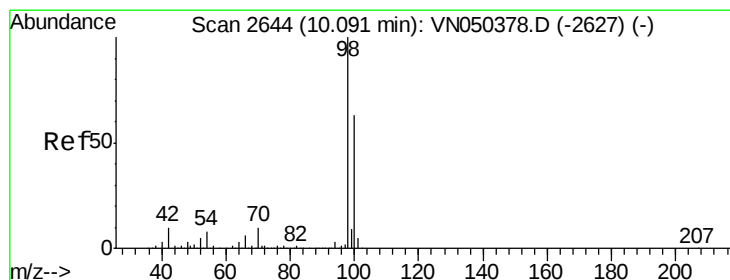
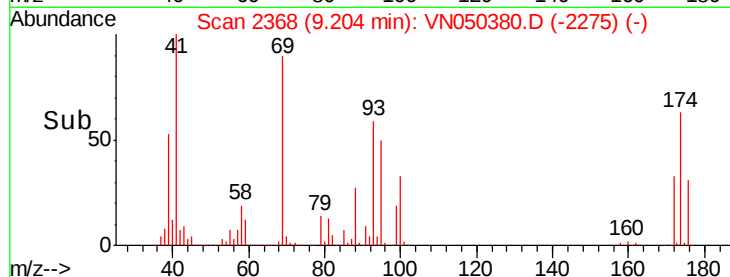
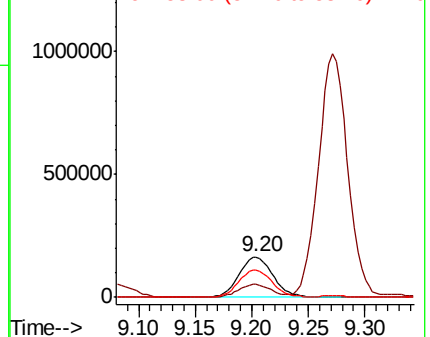
58 67.9 57.3 85.9



Abundance Ion 88.00 (87.70 to 88.70): VN050380.D (-2352) (-)

Ion 43.00 (42.70 to 43.70): VN050380.D (-2352) (-)

Ion 58.00 (57.70 to 58.70): VN050380.D (-2352) (-)



#50

Toluene-d8

Concen: 149.348 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050380.D

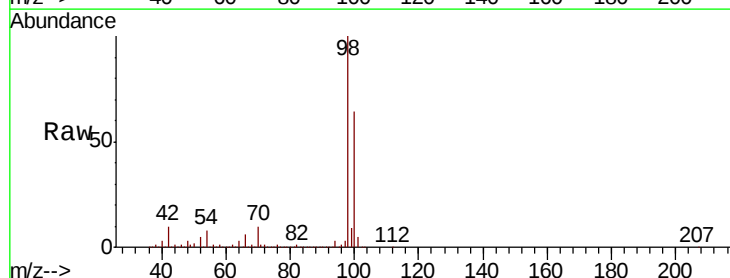
Acq: 6 Aug 2018 13:14

Tgt Ion: 98 Resp: 4609837

Ion Ratio Lower Upper

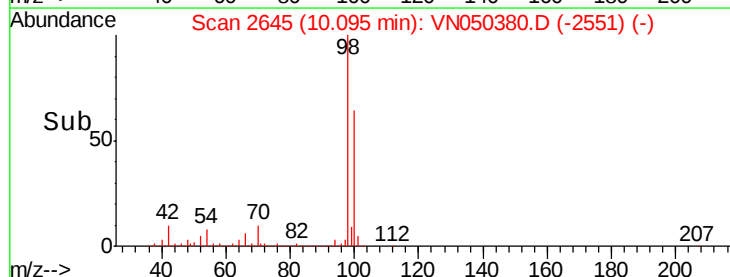
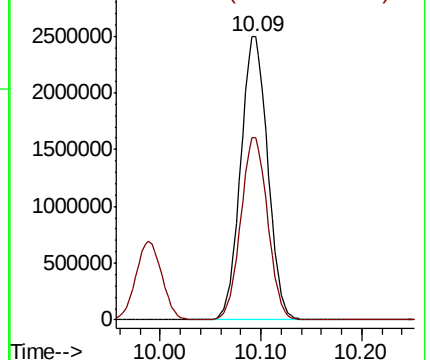
98 100

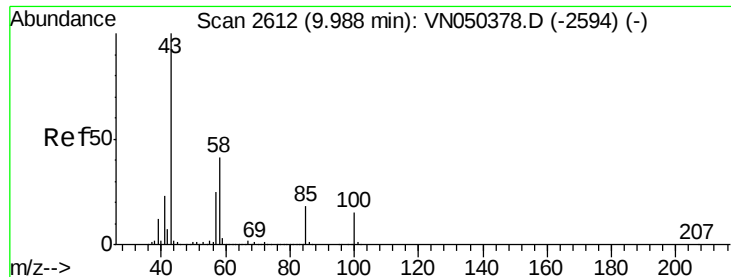
100 64.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050380.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050380.D (-2627) (-)

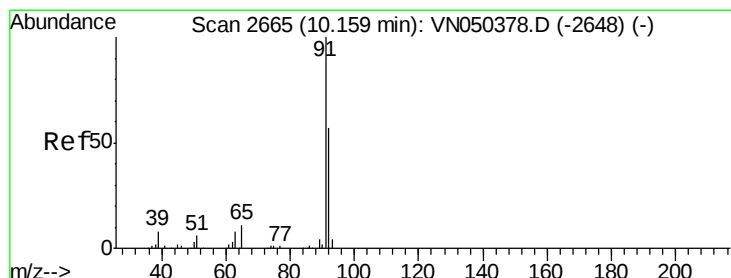
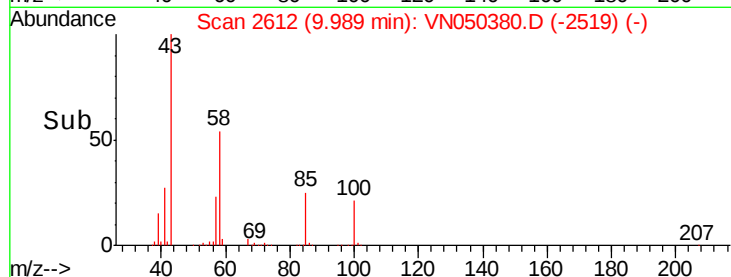
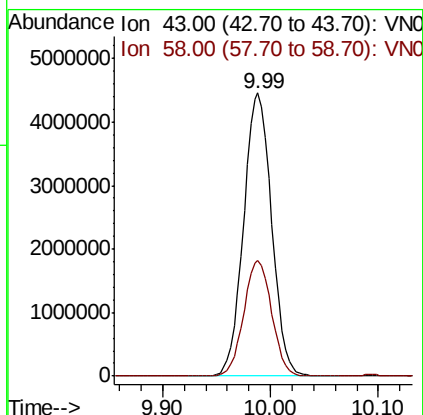
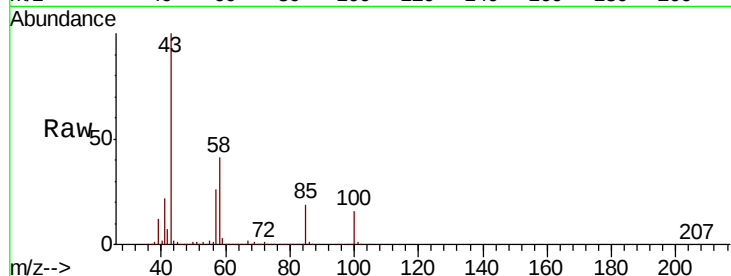




#51  
 4-Methyl-2-Pentanone  
 Concen: 798.170 ug/l  
 RT: 9.99 min Scan# 2612  
 Delta R.T. 0.00 min  
 Lab File: VN050380.D  
 Acq: 6 Aug 2018 13:14

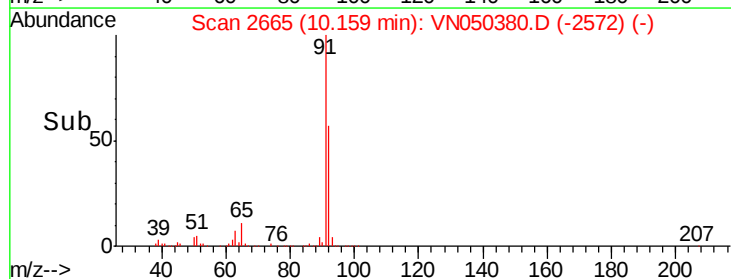
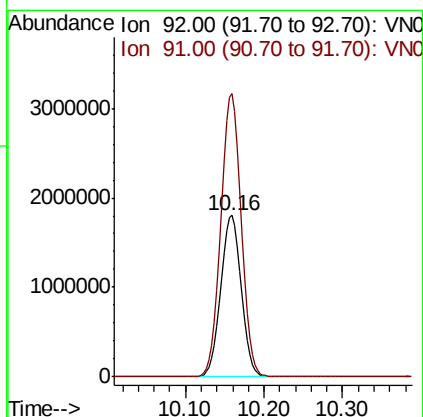
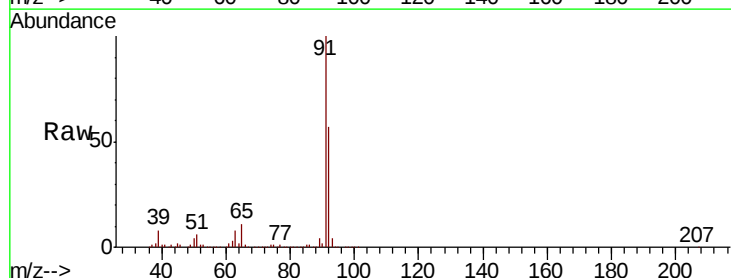
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

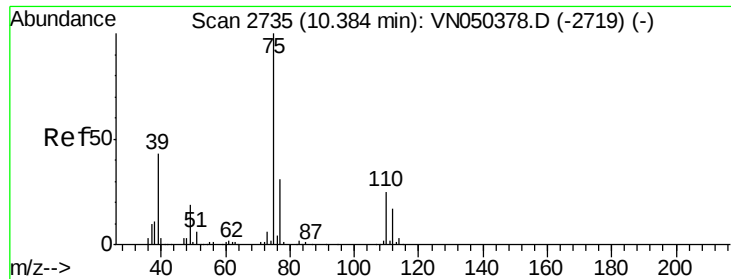
Tot Ion: 43 Resp: 8033229  
 Ion Ratio Lower Upper  
 43 100  
 58 40.8 31.9 47.9



#52  
 Toluene  
 Concen: 155.321 ug/l  
 RT: 10.16 min Scan# 2665  
 Delta R.T. 0.00 min  
 Lab File: VN050380.D  
 Acq: 6 Aug 2018 13:14

Tgt Ion: 92 Resp: 3224366  
 Ion Ratio Lower Upper  
 92 100  
 91 174.6 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 163.787 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

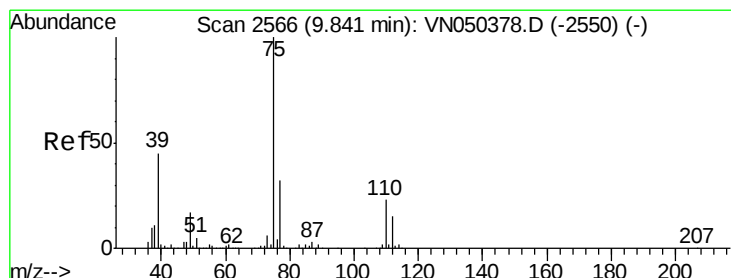
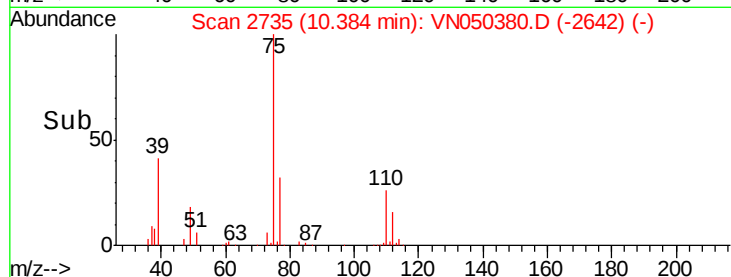
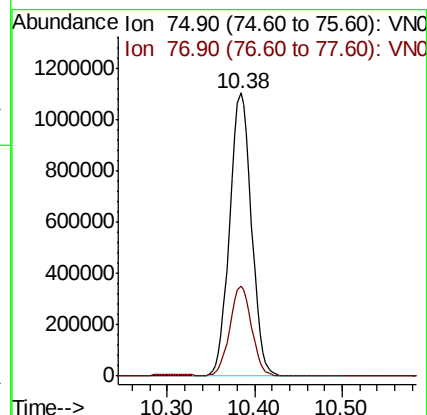
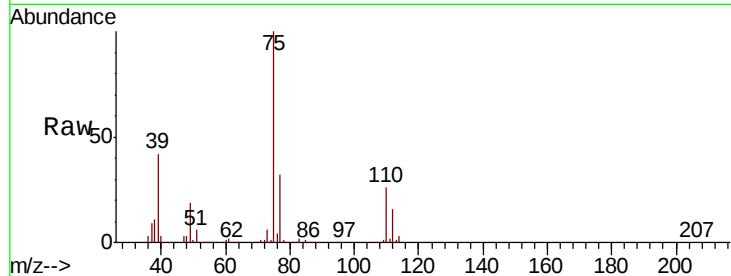
VSTDIC150

Tot Ion: 75 Resp: 1911193

Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 160.117 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

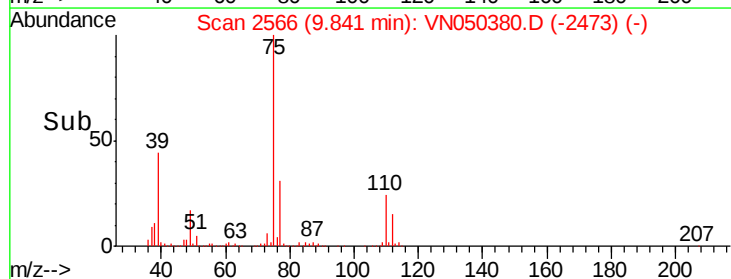
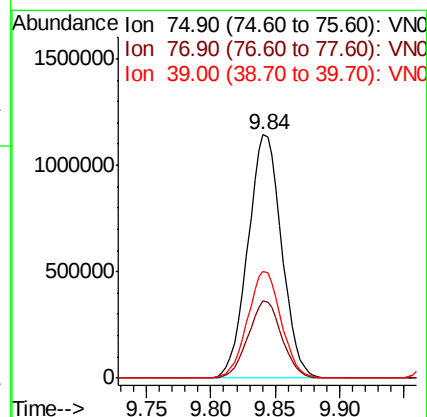
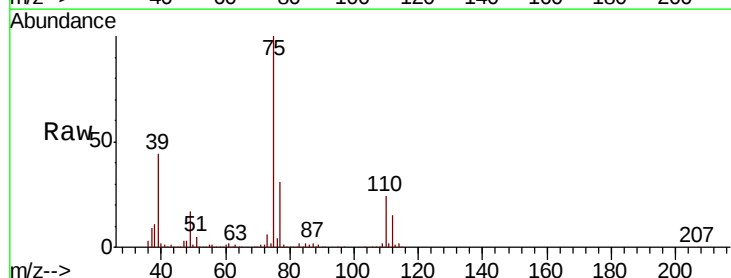
Tgt Ion: 75 Resp: 2085193

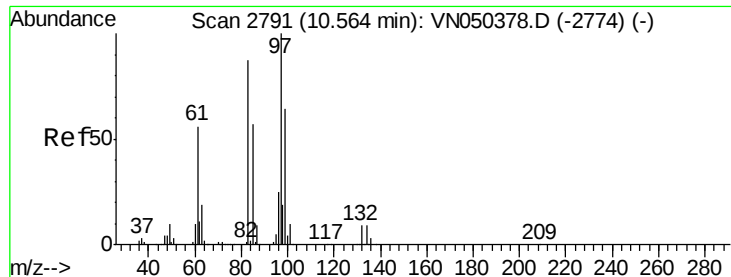
Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

39 43.8 36.6 55.0





#55

1,1,2-Trichloroethane

Concen: 147.920 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

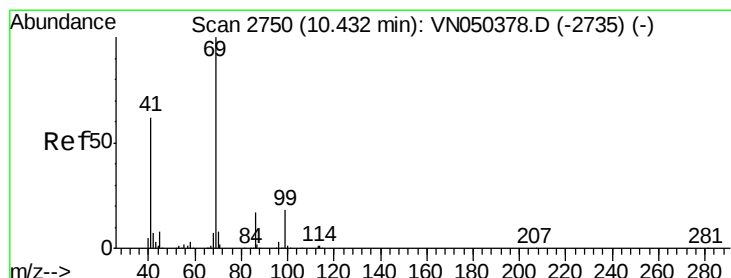
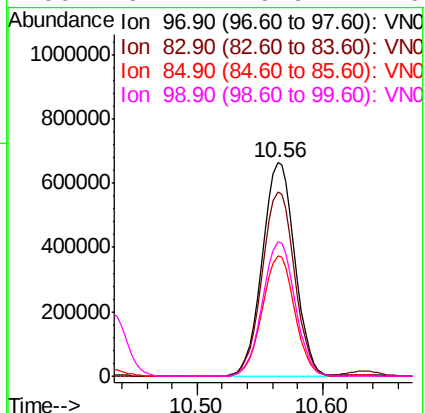
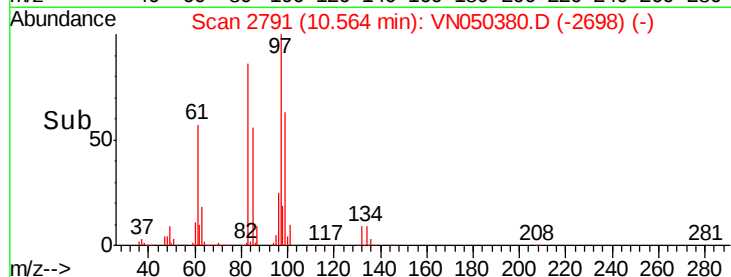
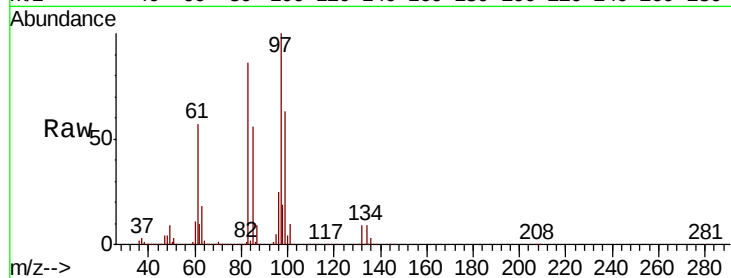
MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 1198852

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.3  | 69.2  | 103.8 |
| 85  | 56.2  | 44.0  | 66.0  |
| 99  | 62.7  | 49.9  | 74.9  |



#56

Ethyl methacrylate

Concen: 150.413 ug/l

RT: 10.43 min Scan# 2750

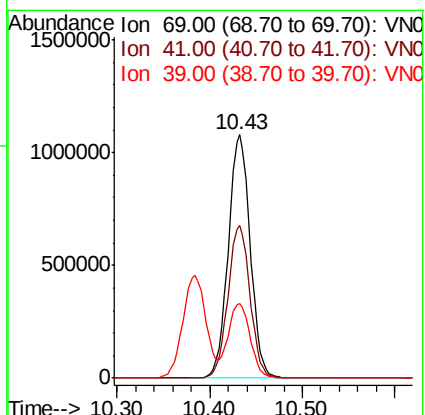
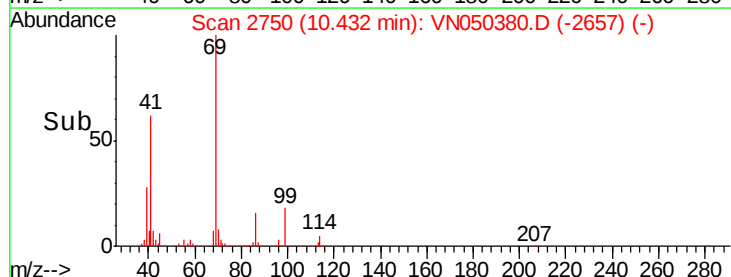
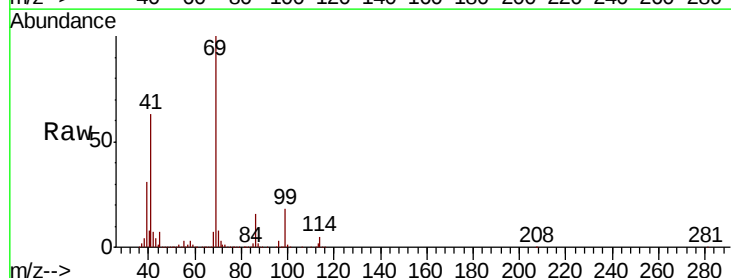
Delta R.T. 0.00 min

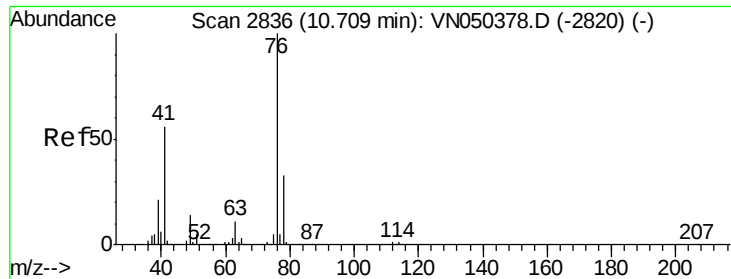
Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Tgt Ion: 69 Resp: 1765957

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 62.6  | 51.0  | 76.4  |
| 39  | 30.7  | 26.6  | 40.0  |





#57

1,3-Dichloropropane

Concen: 152.439 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

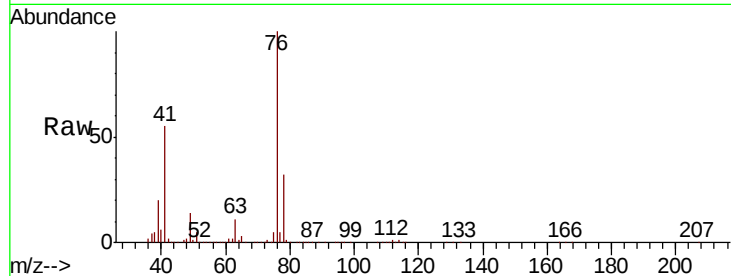
VSTDIC150

Tot Ion: 76 Resp: 2027885

Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN050378.D (-2820) (-)

Ion 77.90 (77.60 to 78.60): VN050378.D (-2820) (-)

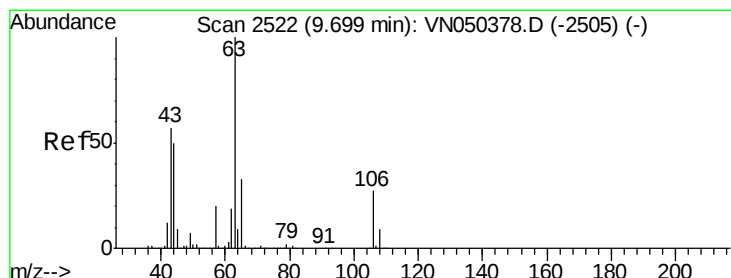
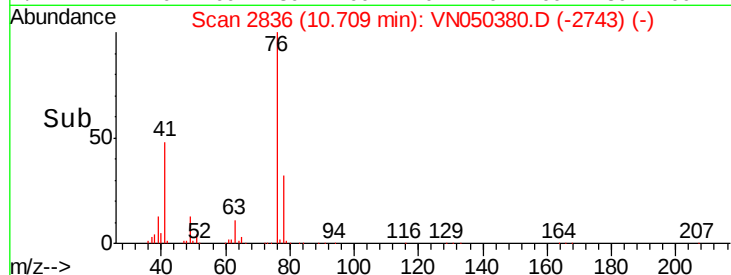
10.71

1000000

500000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 751.656 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN050380.D

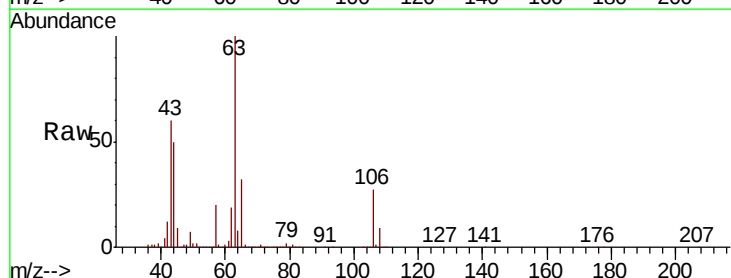
Acq: 6 Aug 2018 13:14

Tgt Ion: 63 Resp: 4100083

Ion Ratio Lower Upper

63 100

106 27.0 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN050378.D (-2505) (-)

Ion 105.90 (105.60 to 106.60): VN050378.D (-2505) (-)

9.70

2500000

2000000

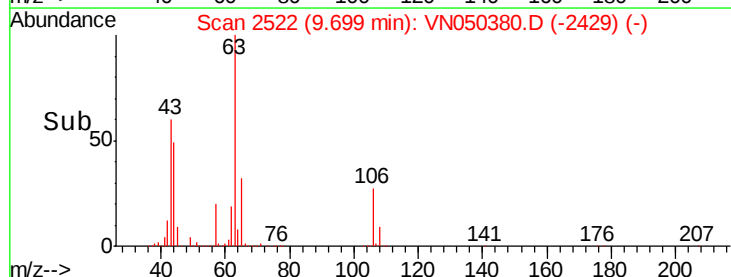
1500000

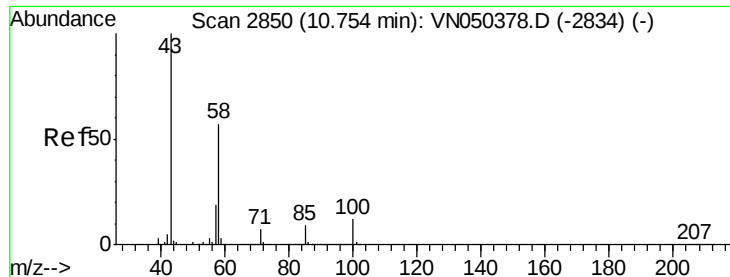
1000000

500000

0

Time-->

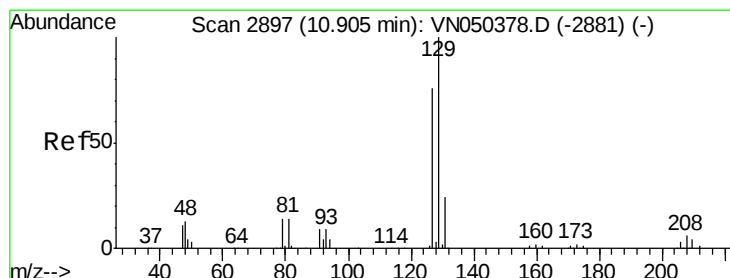
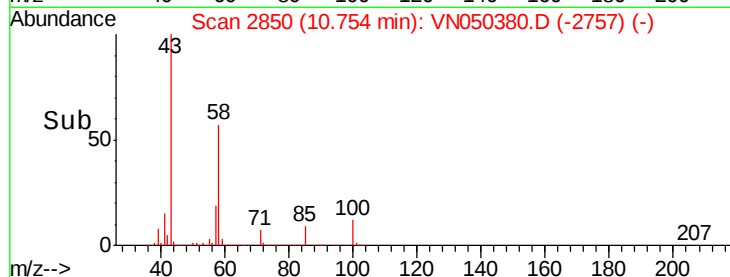
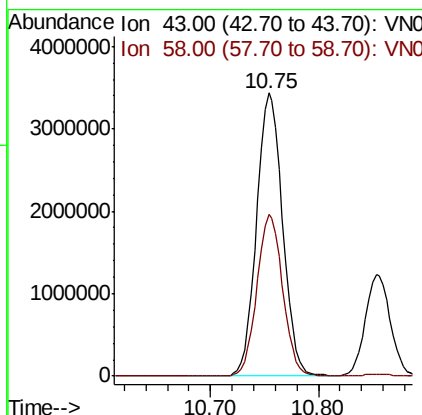
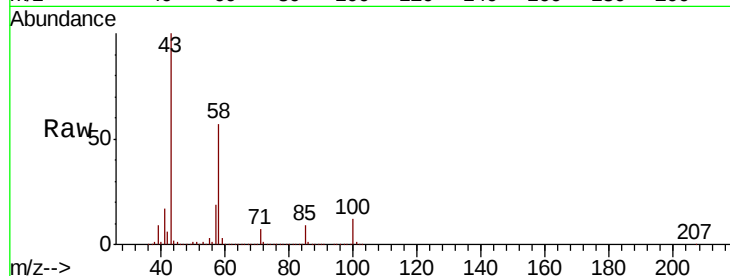




#59  
2-Hexanone  
Concen: 816.132 ug/l  
RT: 10.75 min Scan# 2850  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

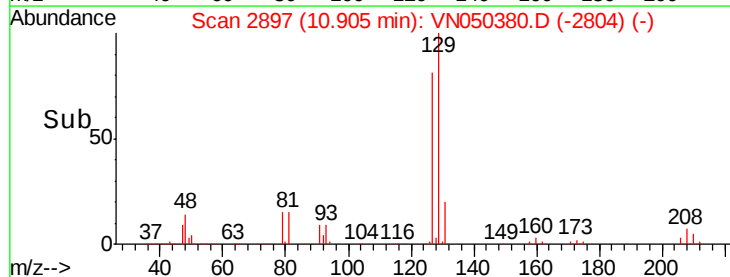
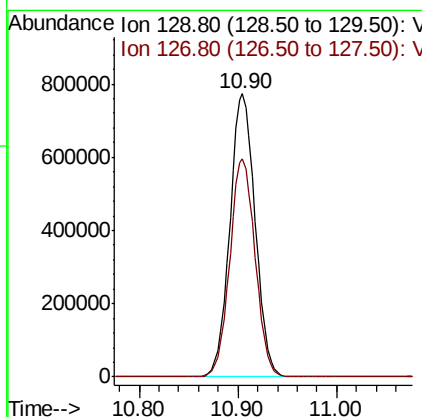
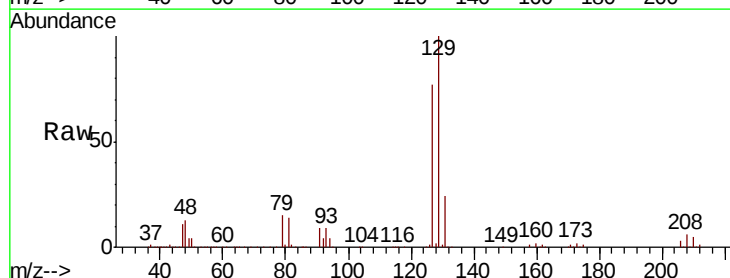
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

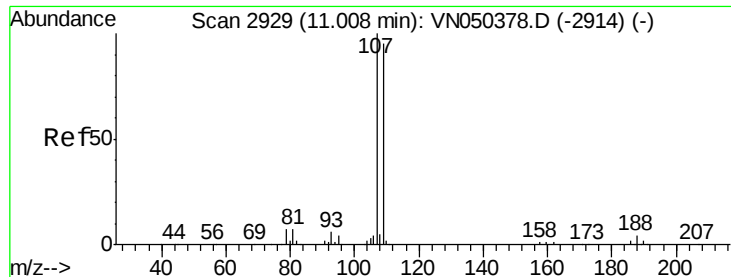
Tot Ion: 43 Resp: 5732459  
Ion Ratio Lower Upper  
43 100  
58 56.6 27.6 82.7



#60  
Dibromochloromethane  
Concen: 154.650 ug/l  
RT: 10.90 min Scan# 2897  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Tgt Ion: 129 Resp: 1380802  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.0 113.9

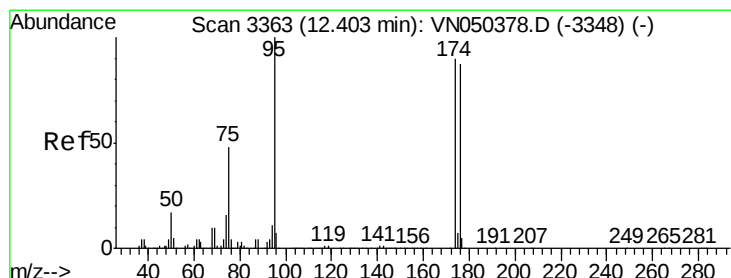
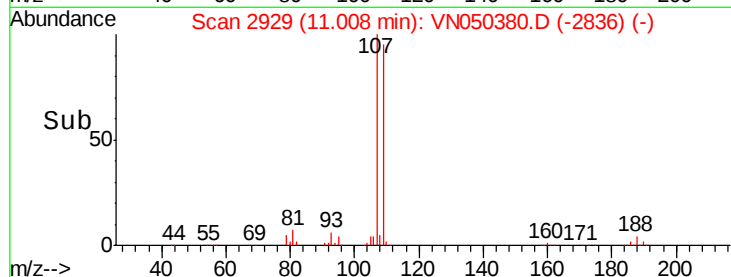
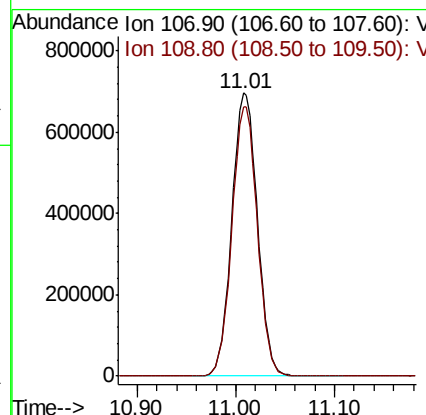
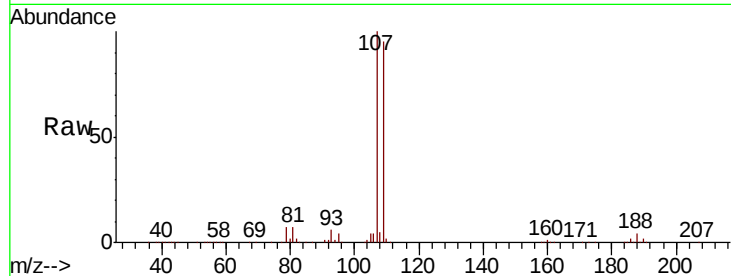




#61  
 1,2-Dibromoethane  
 Concen: 156.889 ug/l  
 RT: 11.01 min Scan# 2929  
 Delta R.T. 0.00 min  
 Lab File: VN050380.D  
 Acq: 6 Aug 2018 13:14

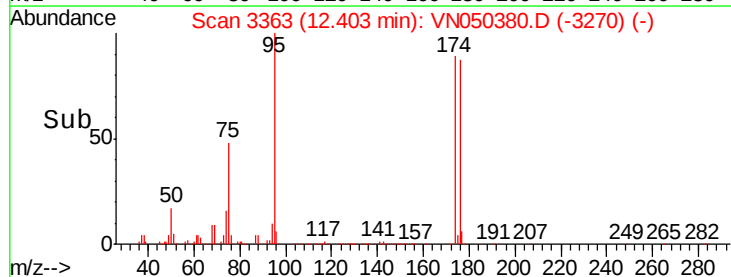
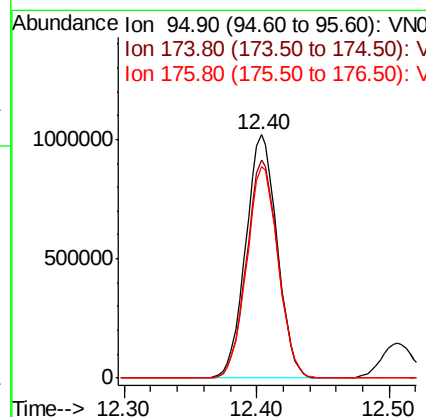
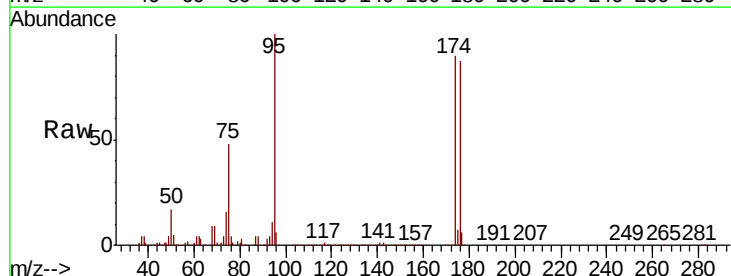
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

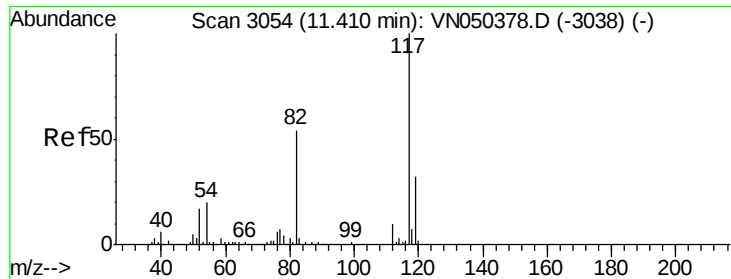
Tot Ion:107 Resp: 1253336  
 Ion Ratio Lower Upper  
 107 100  
 109 94.8 74.6 112.0



#62  
 4-Bromofluorobenzene  
 Concen: 159.264 ug/l  
 RT: 12.40 min Scan# 3363  
 Delta R.T. 0.00 min  
 Lab File: VN050380.D  
 Acq: 6 Aug 2018 13:14

Tgt Ion: 95 Resp: 1675437  
 Ion Ratio Lower Upper  
 95 100  
 174 89.6 0.0 178.2  
 176 87.2 0.0 173.4

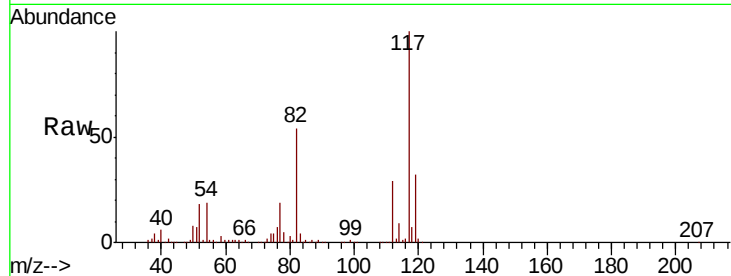




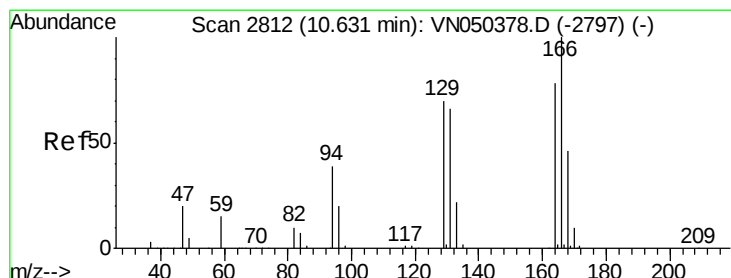
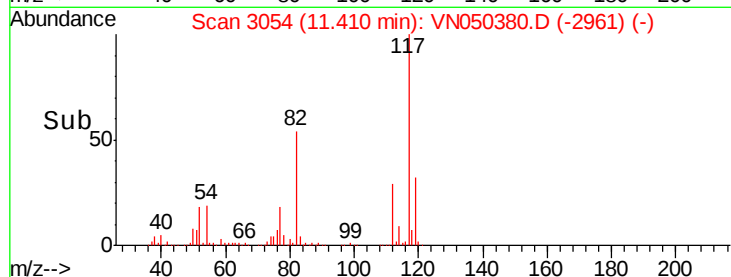
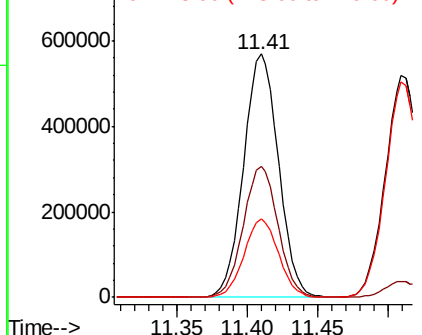
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 3054  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tot Ion:117 Resp: 988740  
Ion Ratio Lower Upper  
117 100  
82 53.8 43.7 65.5  
119 32.0 26.1 39.1

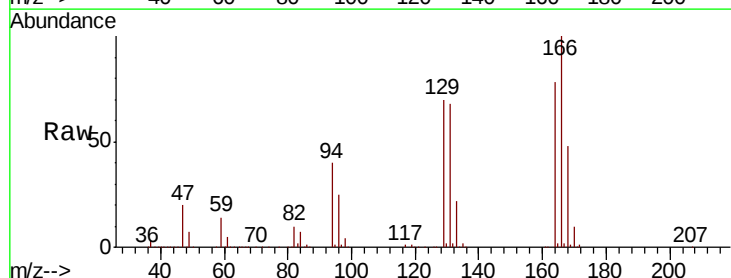


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

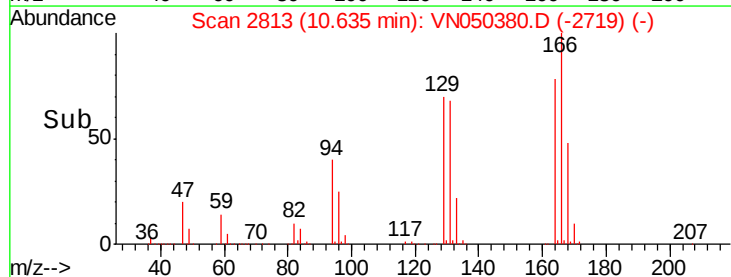
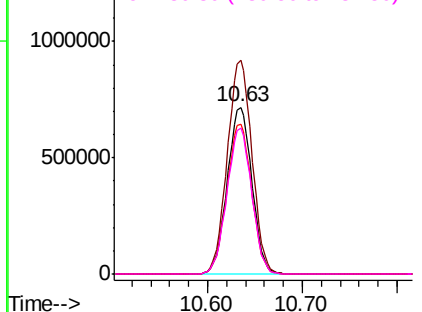


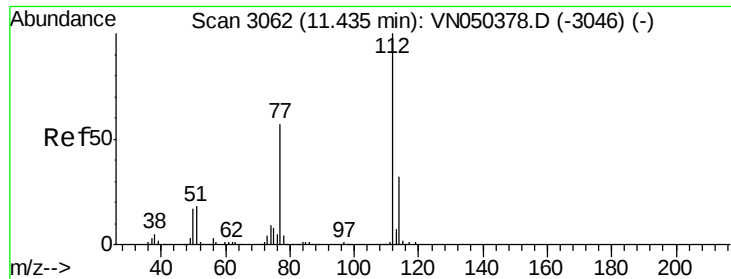
#64  
Tetrachloroethene  
Concen: 140.245 ug/l  
RT: 10.63 min Scan# 2813  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Tgt Ion:164 Resp: 1295655  
Ion Ratio Lower Upper  
164 100  
166 128.0 102.1 153.1  
129 90.0 73.2 109.8  
131 87.5 70.6 106.0



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

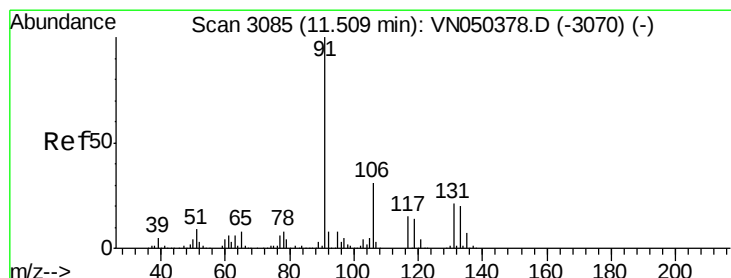
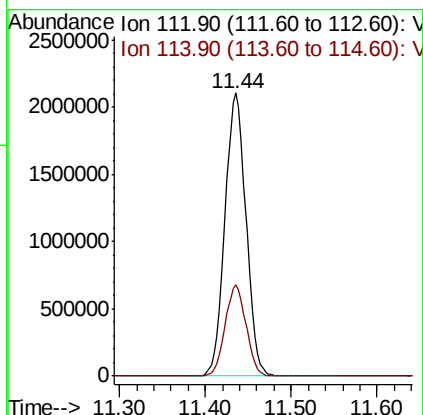
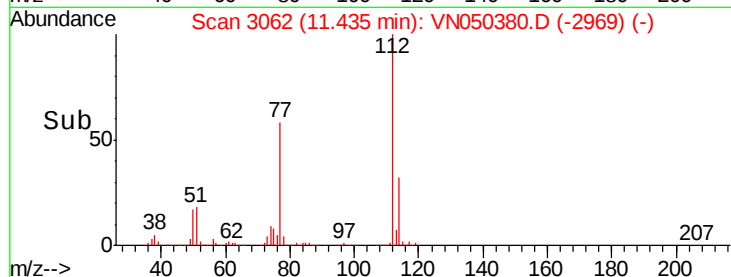
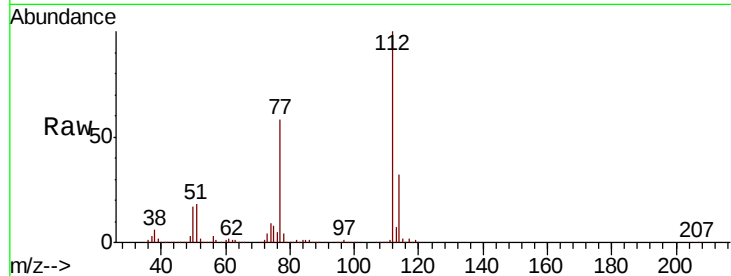




#65  
Chlorobenzene  
Concen: 144.375 ug/l  
RT: 11.44 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

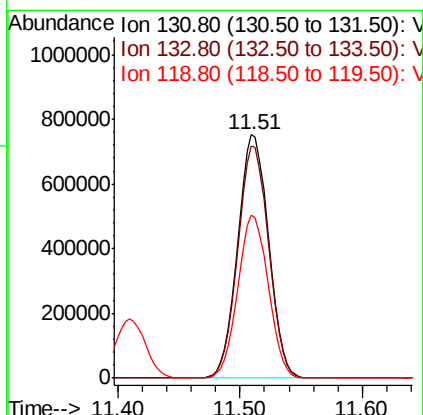
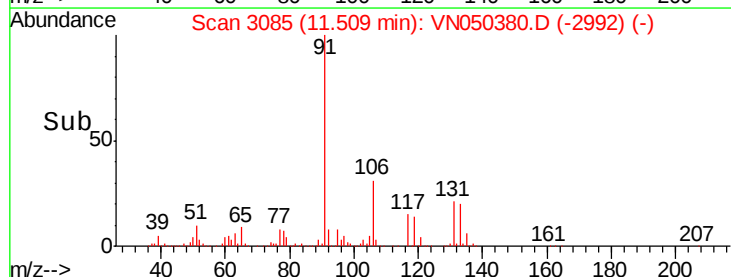
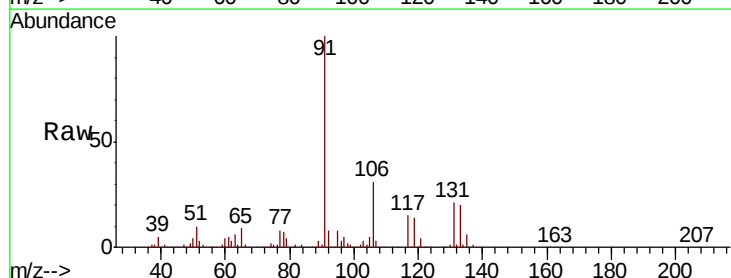
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

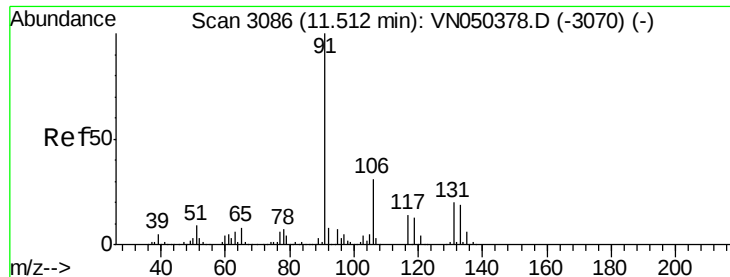
Tot Ion:112 Resp: 3578757  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 145.551 ug/l  
RT: 11.51 min Scan# 3085  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Tgt Ion:131 Resp: 1313119  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.3 141.9  
119 66.2 32.9 98.7

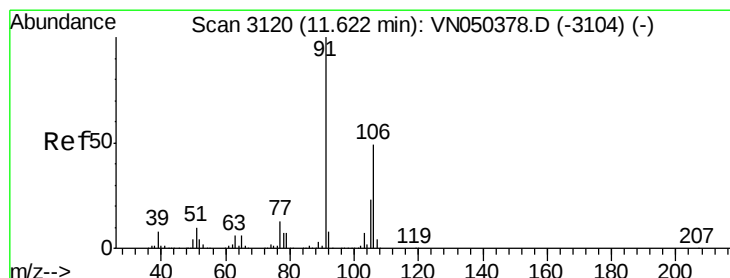
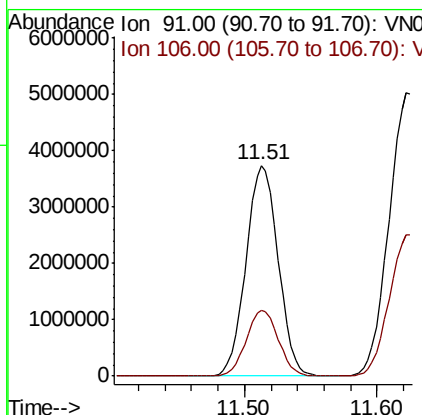
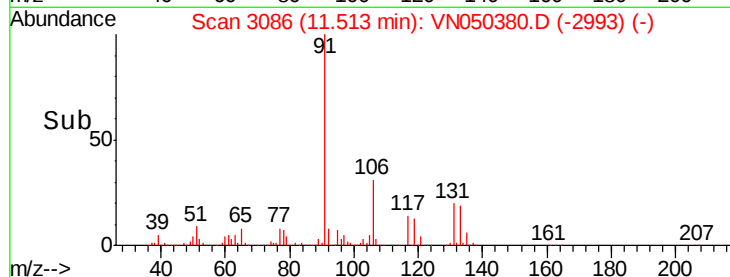
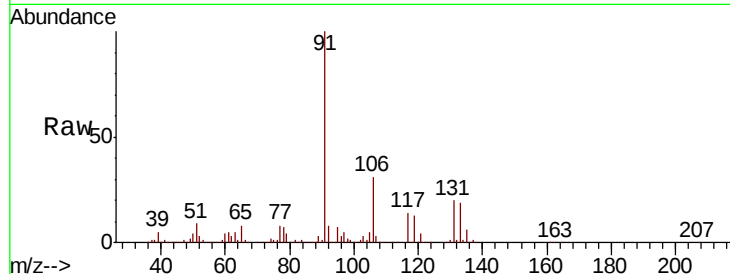




#67  
Ethyl Benzene  
Concen: 156.947 ug/l  
RT: 11.51 min Scan# 3086  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

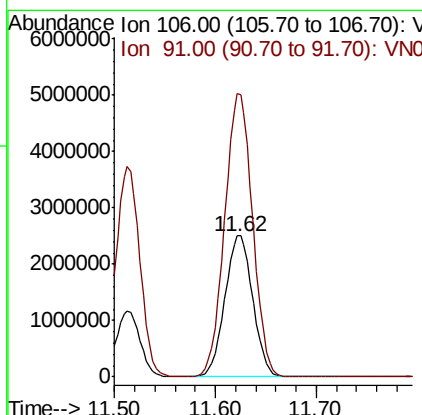
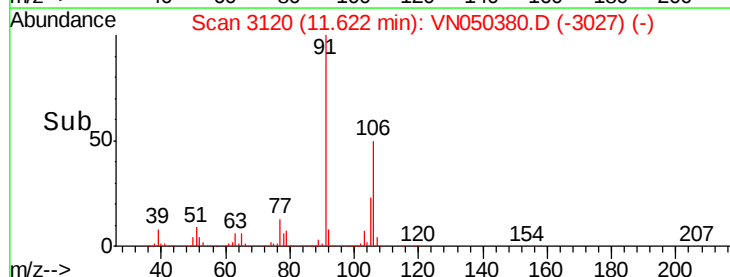
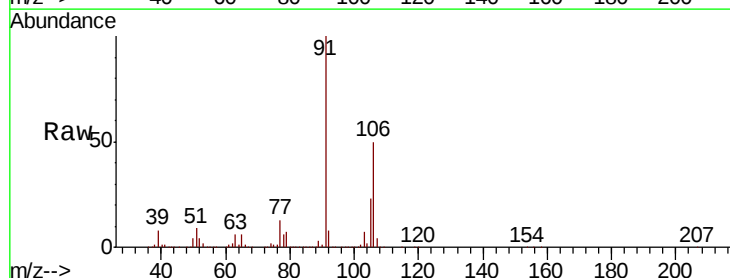
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC150

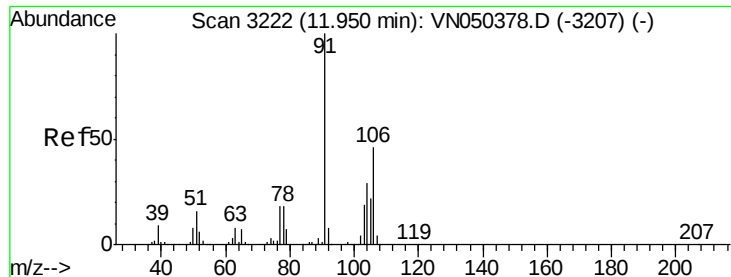
Tot Ion: 91 Resp: 6288577  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.0 37.4



#68  
m/p-Xylenes  
Concen: 315.999 ug/l  
RT: 11.62 min Scan# 3120  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Tgt Ion: 106 Resp: 4820185  
Ion Ratio Lower Upper  
106 100  
91 201.4 162.2 243.2

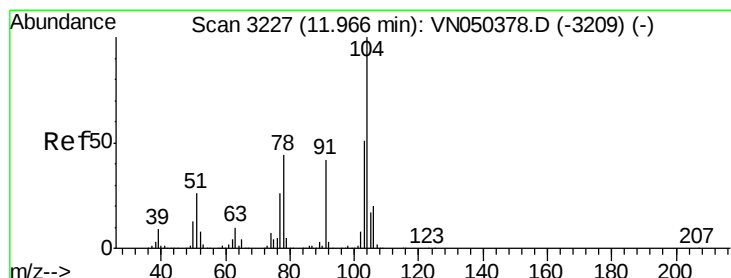
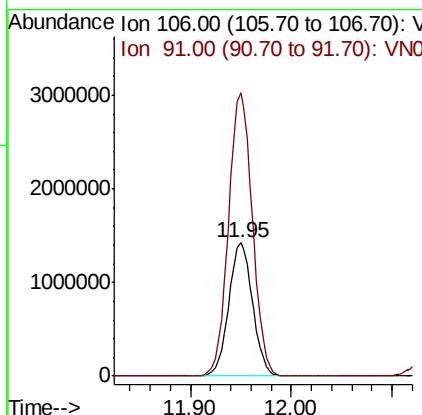
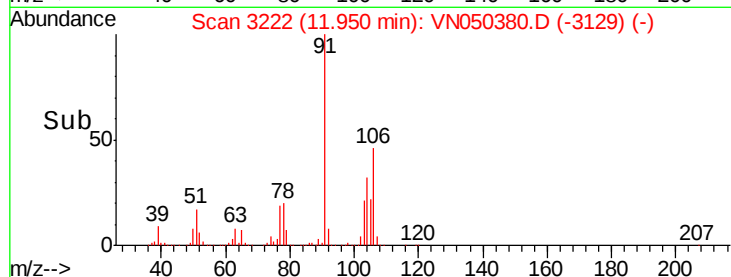
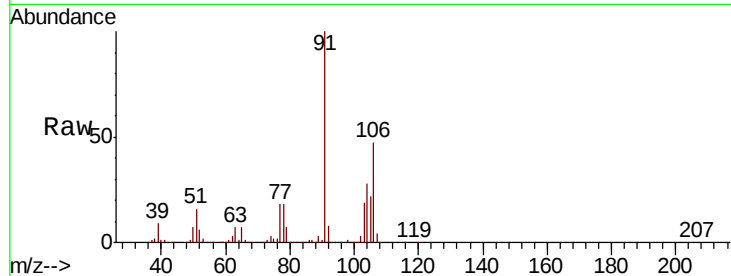




#69  
o-Xylene  
Concen: 159.283 ug/l  
RT: 11.95 min Scan# 3222  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

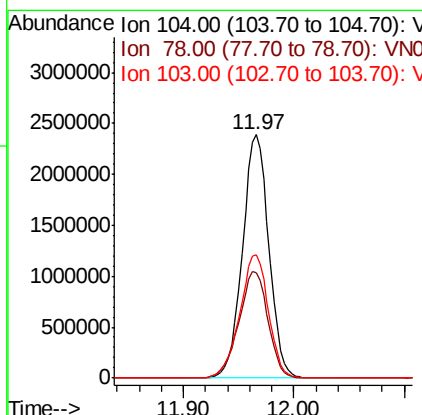
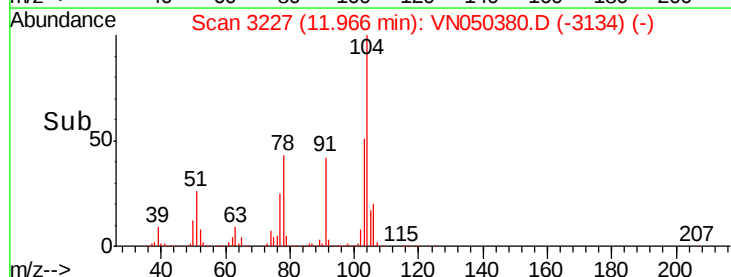
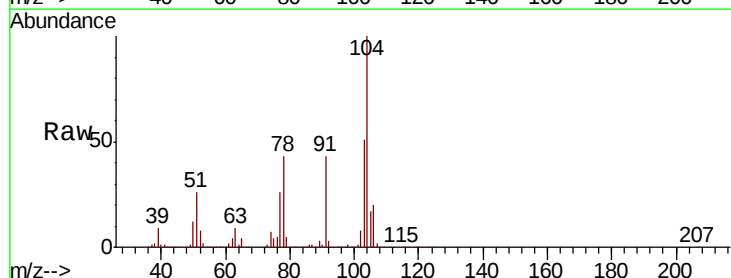
Instrument :  
MSVOA\_N  
ClientSampled :  
VSTDIC150

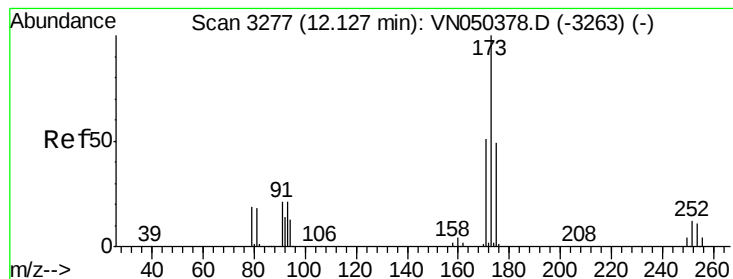
Tot Ion:106 Resp: 2340496  
Ion Ratio Lower Upper  
106 100  
91 213.7 107.7 323.1



#70  
Styrene  
Concen: 164.673 ug/l  
RT: 11.97 min Scan# 3227  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Tgt Ion:104 Resp: 3934876  
Ion Ratio Lower Upper  
104 100  
78 48.5 39.3 58.9  
103 55.2 45.0 67.6





#71

Bromoform

Concen: 159.717 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

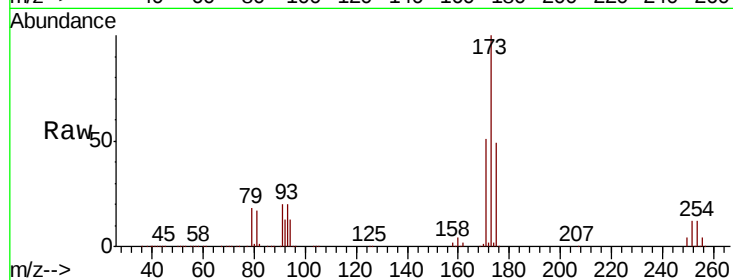
Tot Ion:173 Resp: 1053099

Ion Ratio Lower Upper

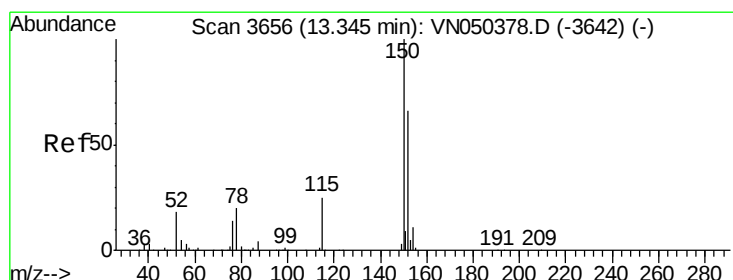
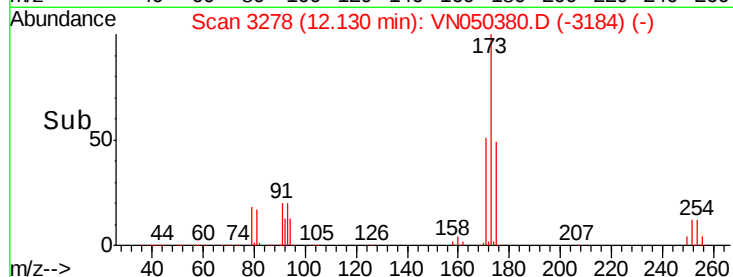
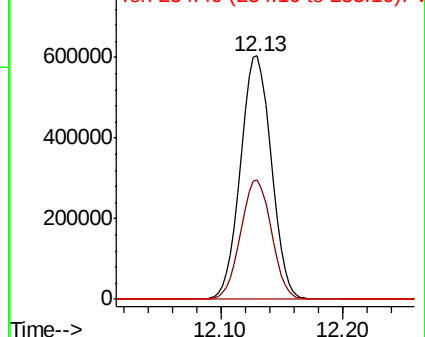
173 100

175 49.0 24.1 72.2

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

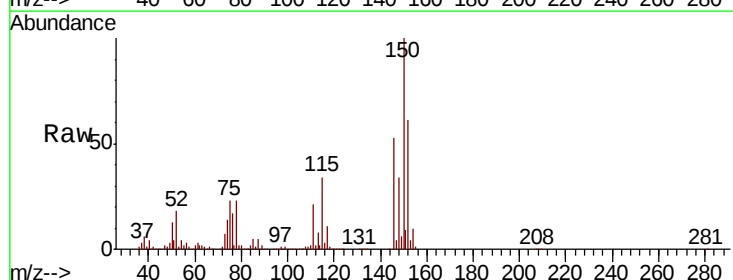
Tgt Ion:152 Resp: 558732

Ion Ratio Lower Upper

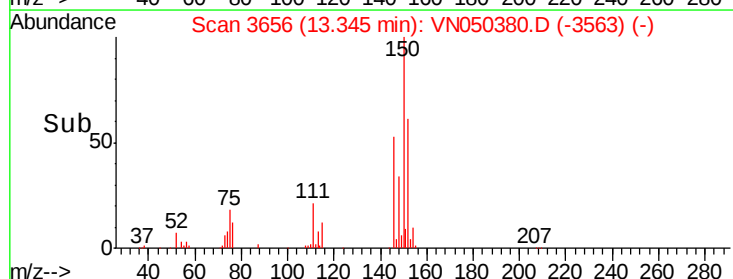
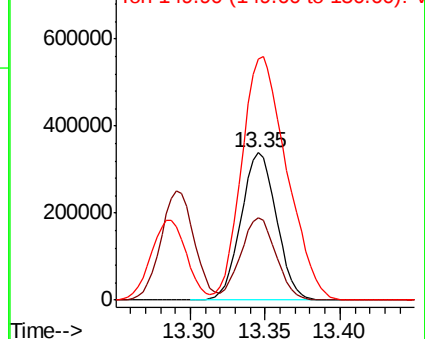
152 100

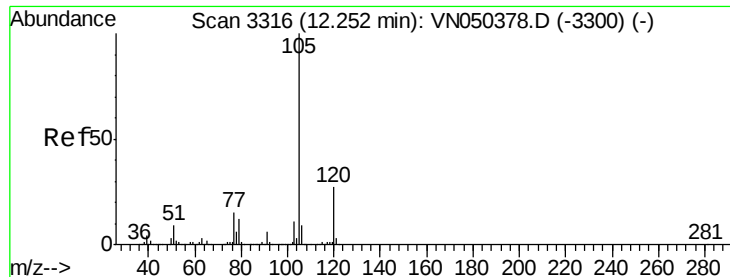
115 55.3 27.8 83.3

150 209.9 0.0 348.6



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





#73

Isopropylbenzene

Concen: 147.502 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

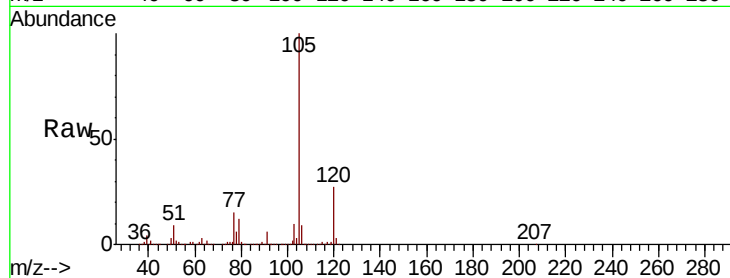
VSTDIC150

Tot Ion:105 Resp: 6186465

Ion Ratio Lower Upper

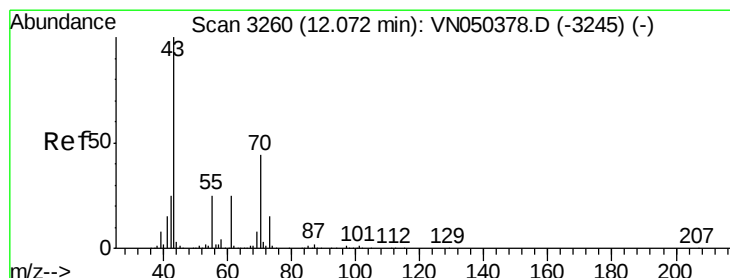
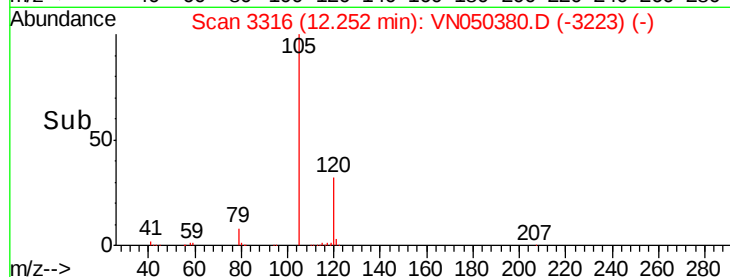
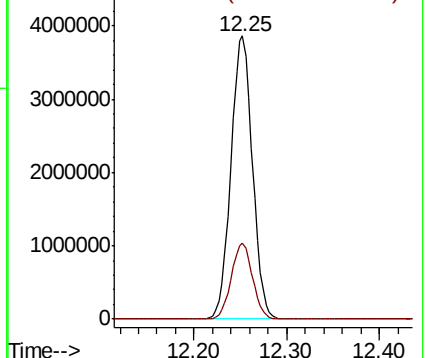
105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 155.276 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Tgt Ion: 43 Resp: 2110981

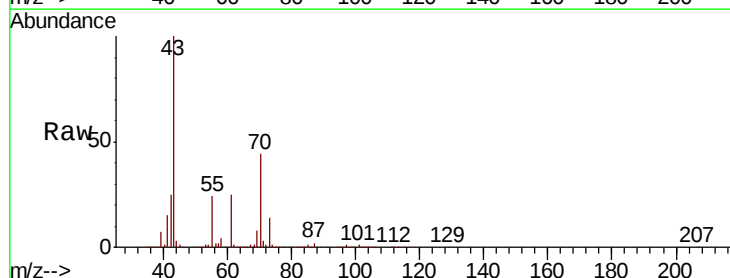
Ion Ratio Lower Upper

43 100

70 43.4 34.4 51.6

55 24.9 20.8 31.2

61 25.2 19.7 29.5

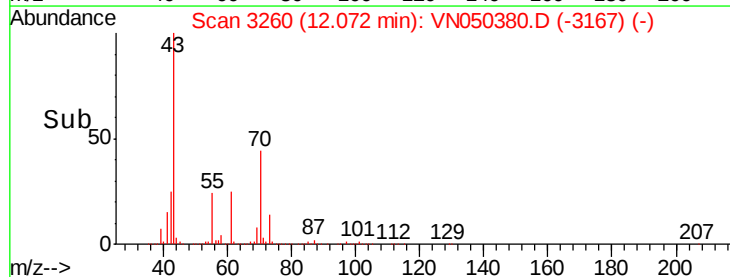
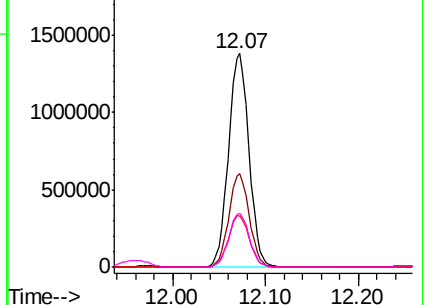


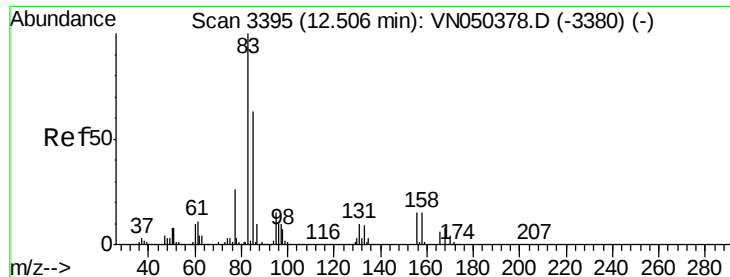
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 136.016 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

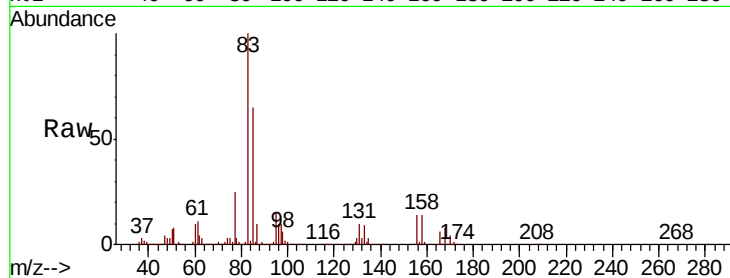
Tot Ion: 83 Resp: 1645882

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 64.8 32.3 96.8



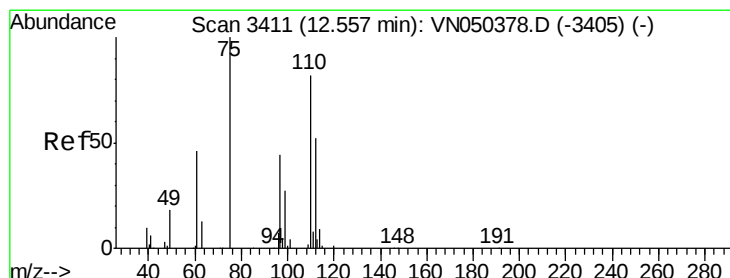
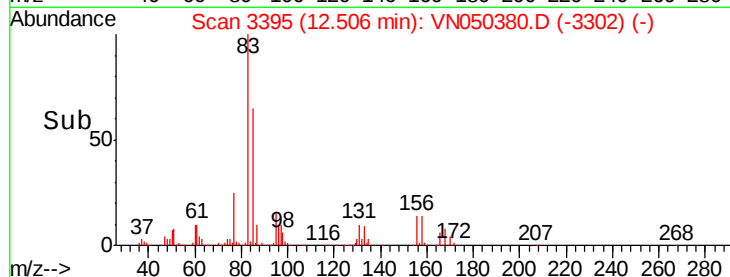
Abundance Ion 82.90 (82.60 to 83.60): VN050380.D (-3380) (-)

Ion 130.80 (130.50 to 131.50): VN050380.D (-3380) (-)

Ion 84.90 (84.60 to 85.60): VN050380.D (-3380) (-)

12.51

Time-->



#76

1,2,3-Trichloropropane

Concen: 208.430 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050380.D

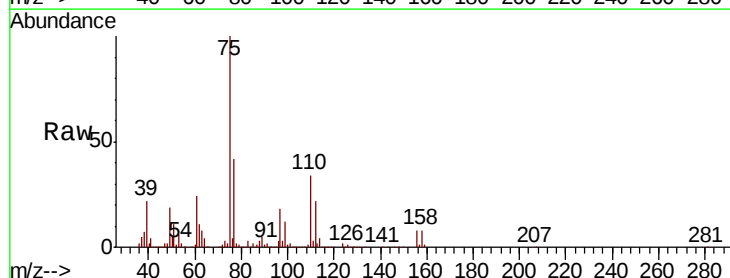
Acq: 6 Aug 2018 13:14

Tgt Ion: 75 Resp: 2107972

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

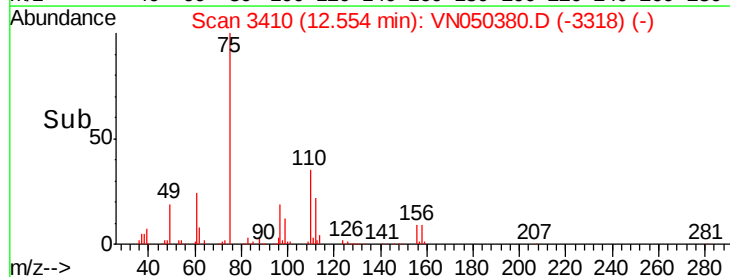


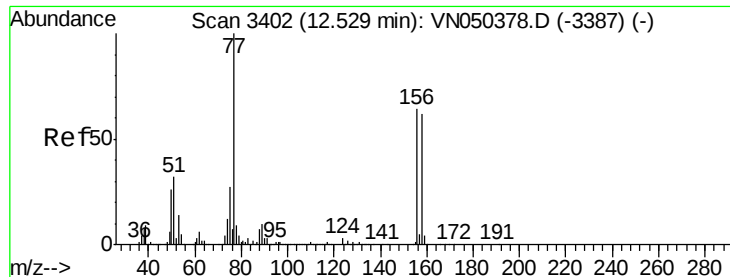
Abundance Ion 74.90 (74.60 to 75.60): VN050380.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN050380.D (-3318) (-)

12.55

Time-->





#77

Bromobenzene

Concen: 144.192 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

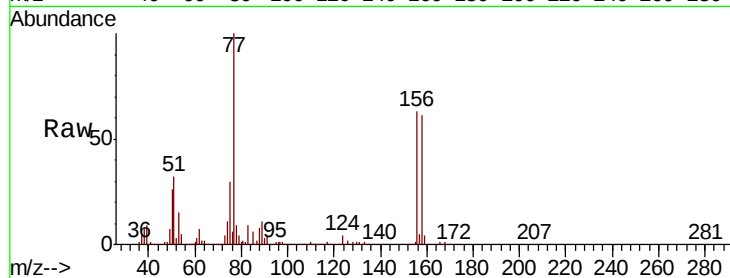
Tot Ion:156 Resp: 1620165

Ion Ratio Lower Upper

156 100

77 185.3 91.7 275.1

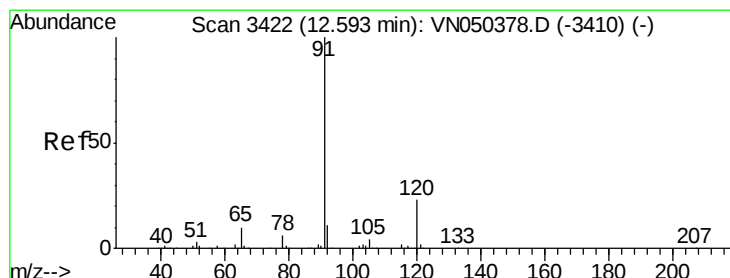
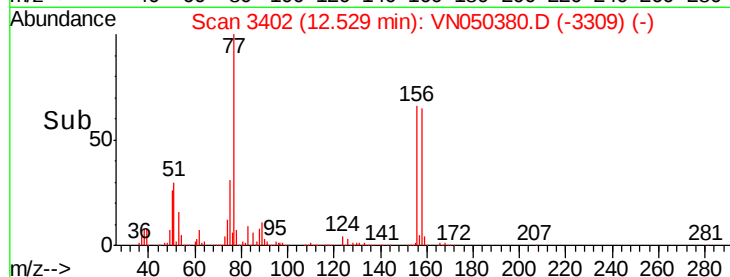
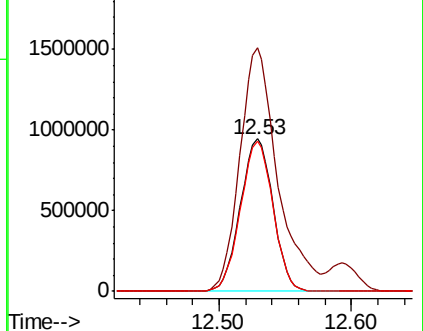
158 97.7 48.9 146.6



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: 151.661 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050380.D

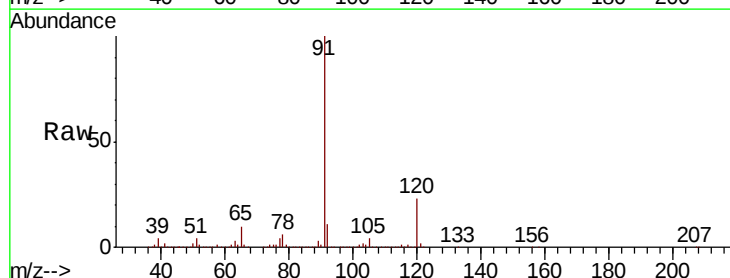
Acq: 6 Aug 2018 13:14

Tgt Ion: 91 Resp: 7200127

Ion Ratio Lower Upper

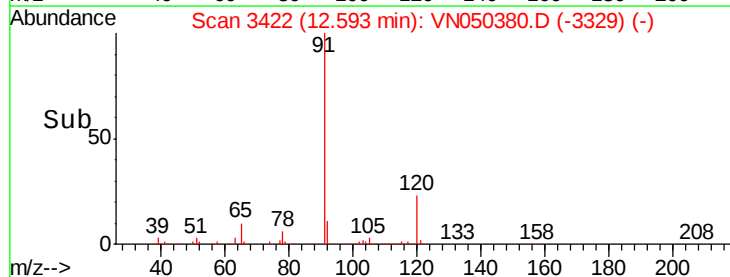
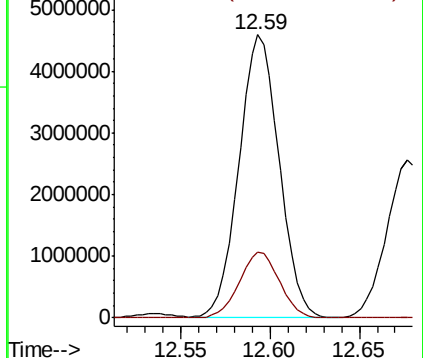
91 100

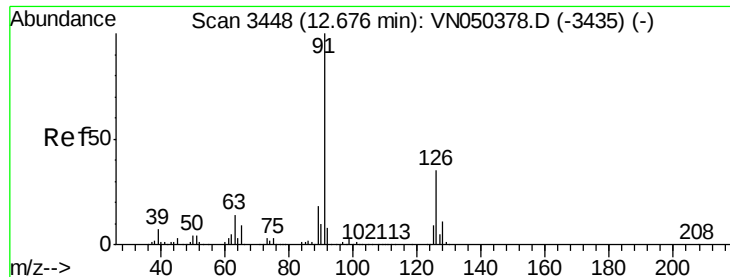
120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 144.707 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

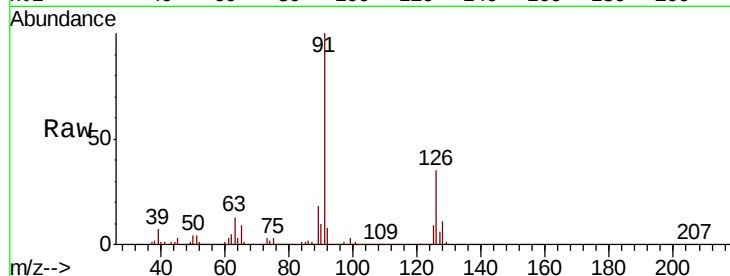
VSTDIC150

Tot Ion: 91 Resp: 4242944

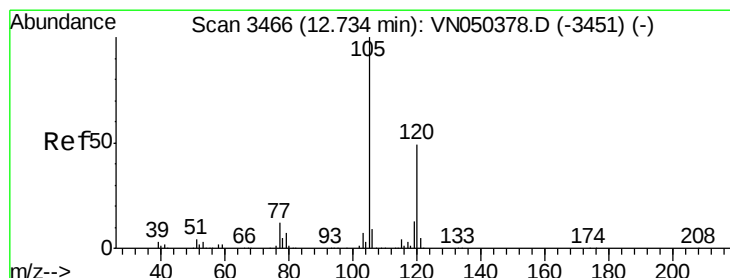
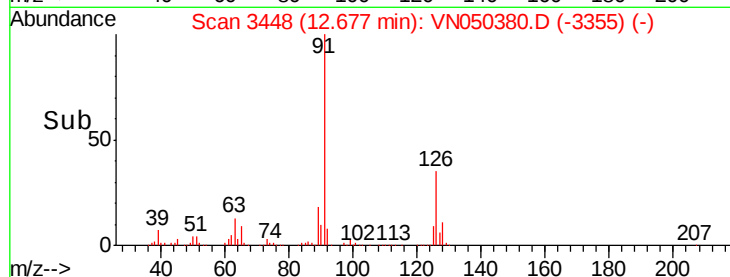
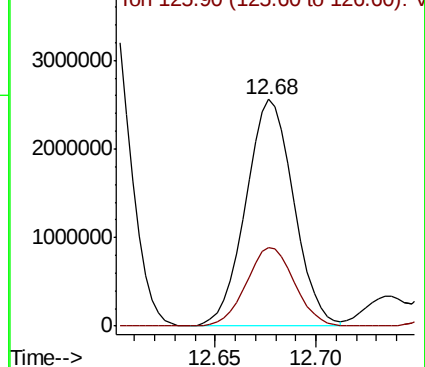
Ion Ratio Lower Upper

91 100

126 35.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN050380.D (-3448) (-)



#80

1,3,5-Trimethylbenzene

Concen: 152.197 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050380.D

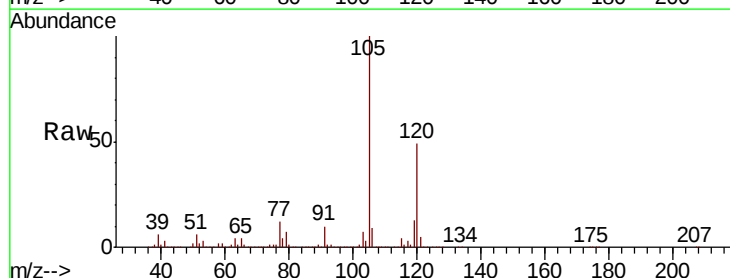
Acq: 6 Aug 2018 13:14

Tgt Ion:105 Resp: 5181817

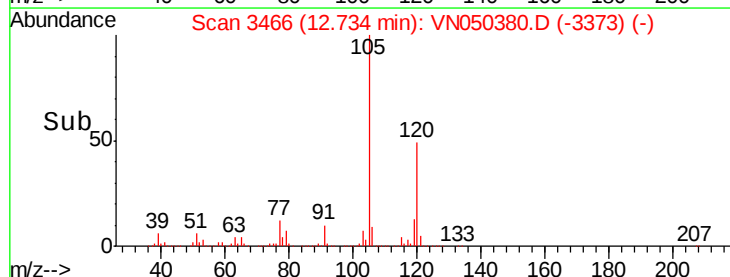
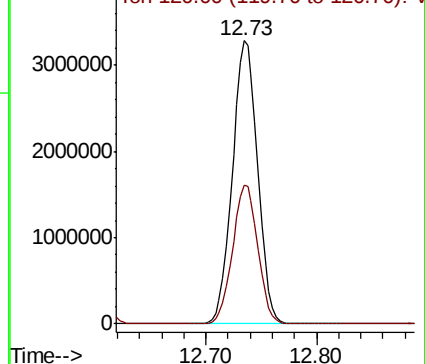
Ion Ratio Lower Upper

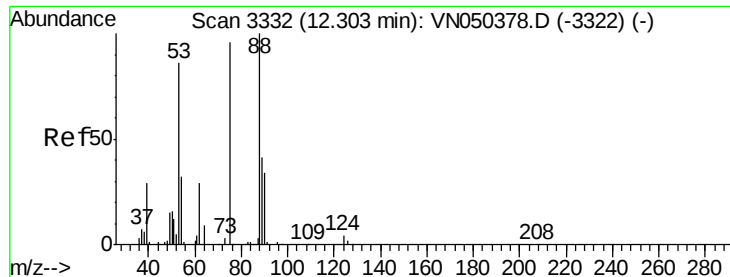
105 100

120 49.0 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050380.D (-3466) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 176.908 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

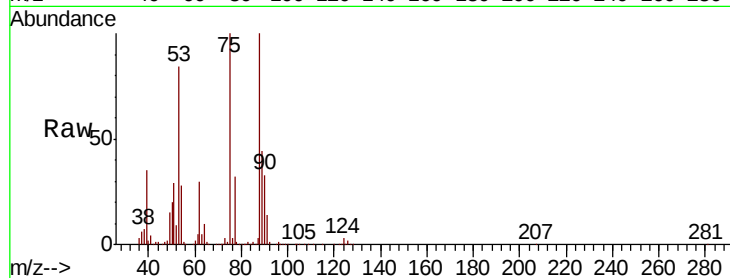
Tot Ion: 75 Resp: 509223

Ion Ratio Lower Upper

75 100

53 85.2 73.5 110.3

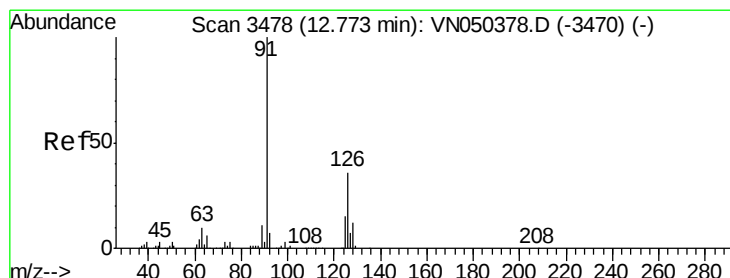
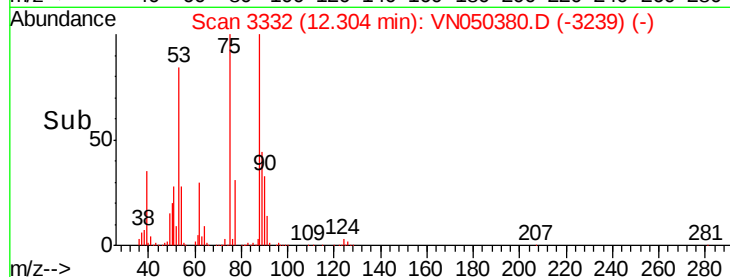
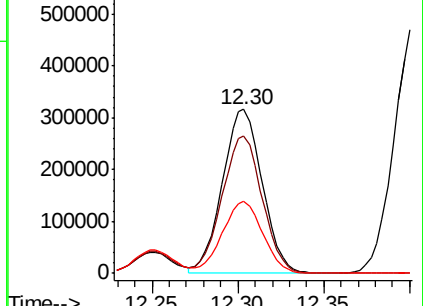
89 44.5 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 149.069 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN050380.D

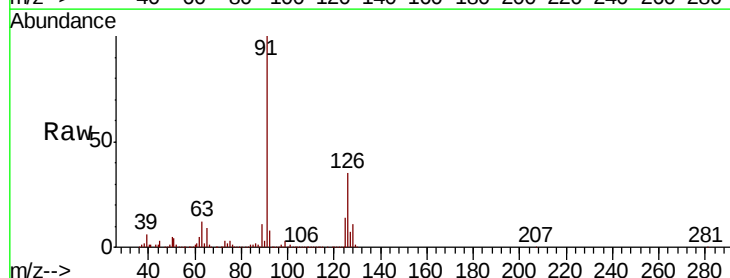
Acq: 6 Aug 2018 13:14

Tgt Ion: 91 Resp: 4358822

Ion Ratio Lower Upper

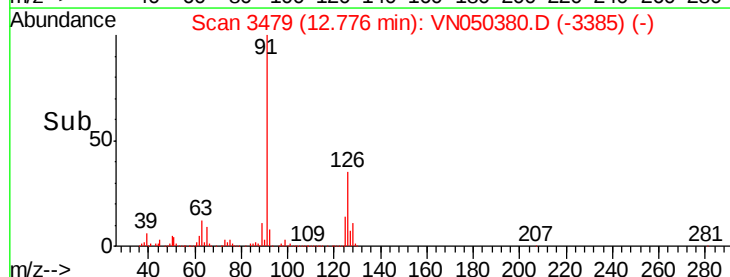
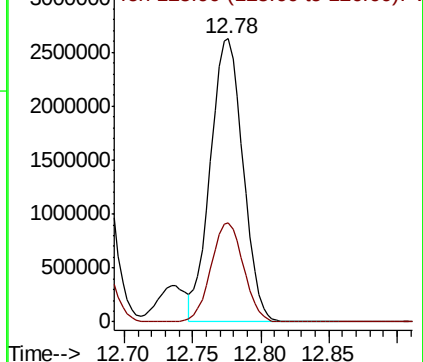
91 100

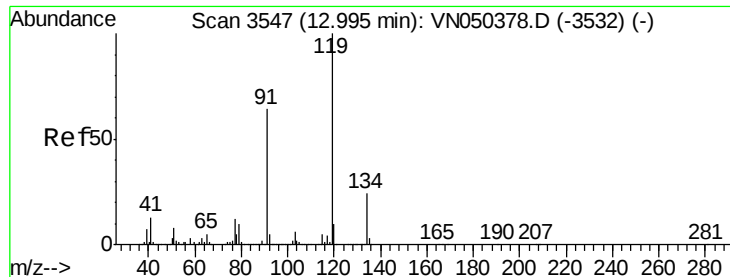
126 34.8 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 149.302 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

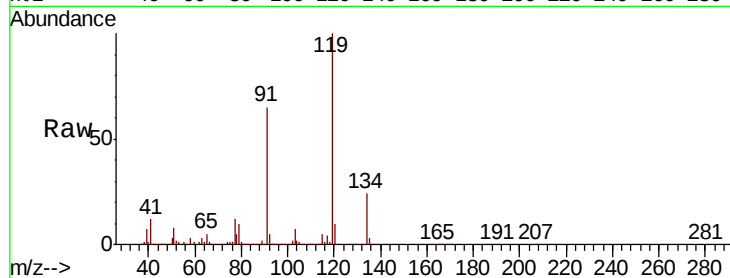
Tot Ion:119 Resp: 4434459

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 91  | 63.8  | 32.1  | 96.3  |
| 134 | 26.1  | 13.2  | 39.5  |

119 100

91 63.8 32.1 96.3

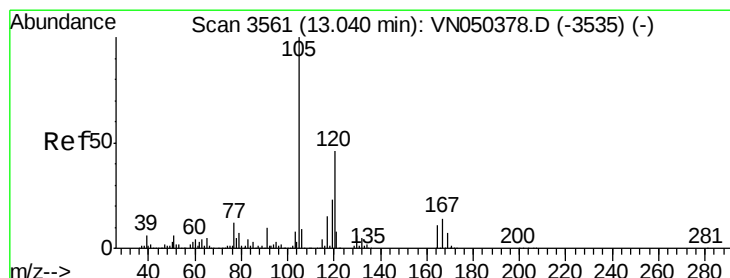
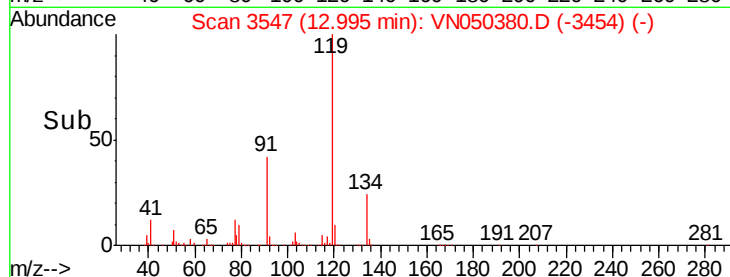
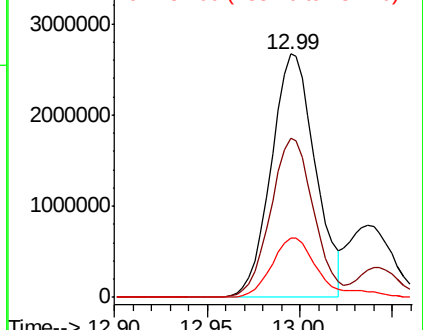
134 26.1 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 154.686 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN050380.D

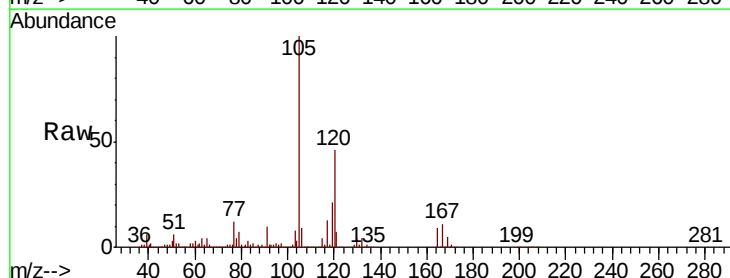
Acq: 6 Aug 2018 13:14

Tgt Ion:105 Resp: 5335017

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 45.5  | 22.9  | 68.7  |

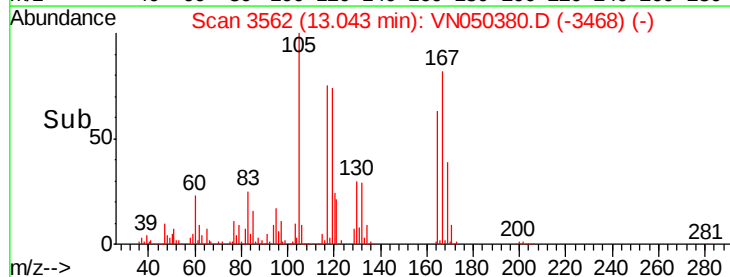
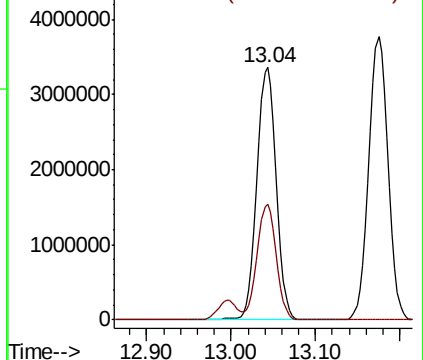
105 100

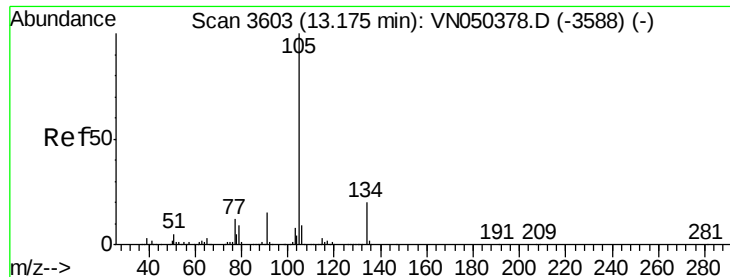
120 45.5 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 150.554 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

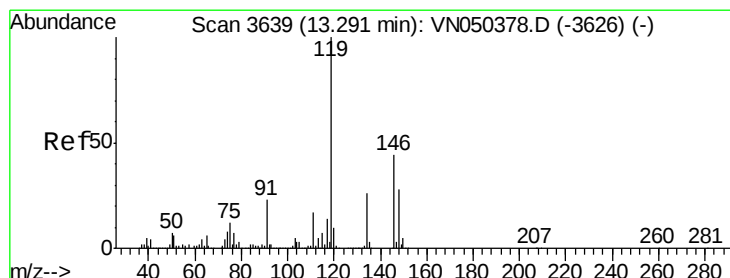
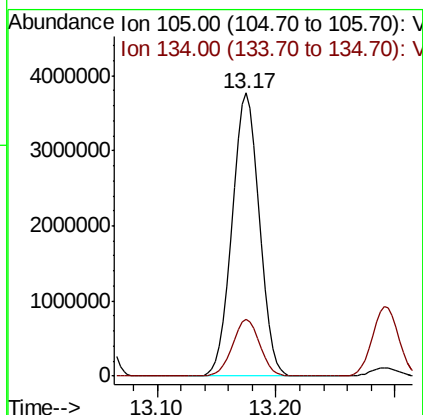
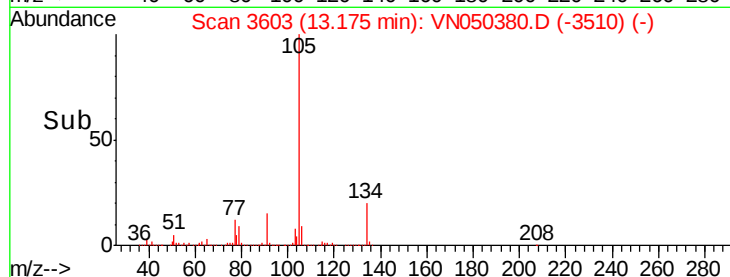
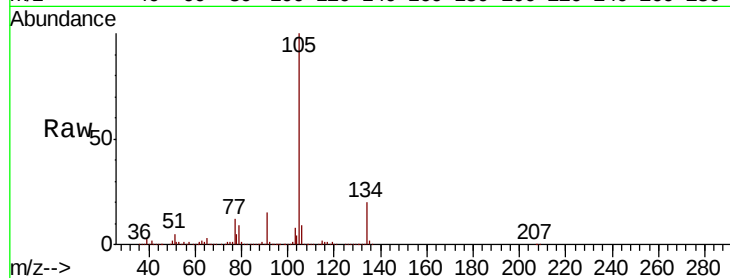
VSTDIC150

Tot Ion:105 Resp: 5959976

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 156.584 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

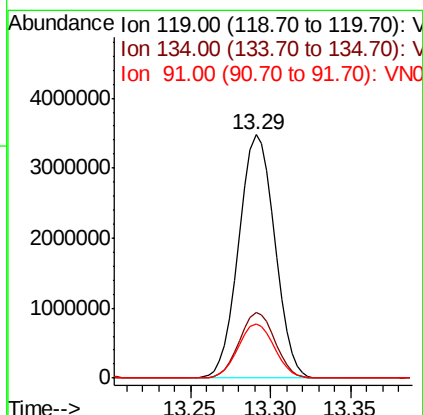
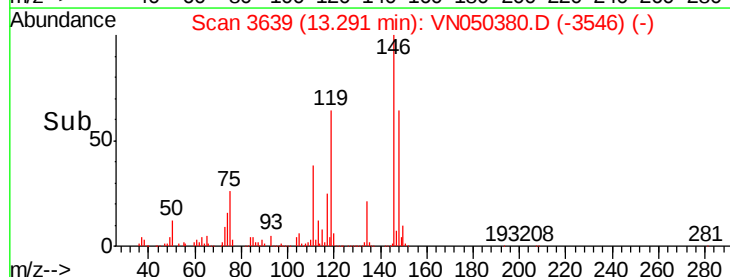
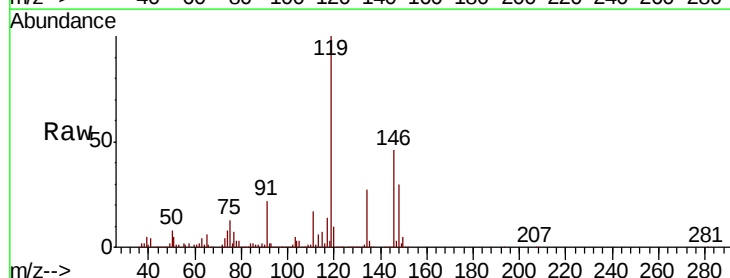
Tgt Ion:119 Resp: 5312300

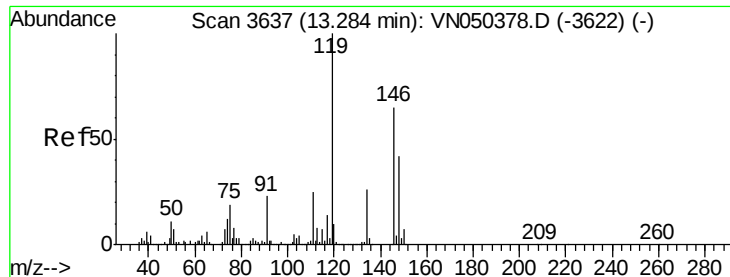
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.3 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 145.460 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

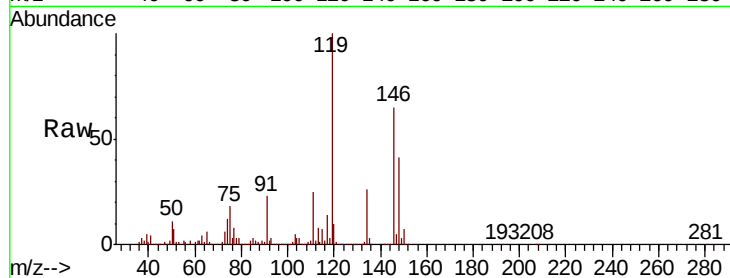
Tot Ion:146 Resp: 2911105

Ion Ratio Lower Upper

146 100

111 38.1 18.8 56.4

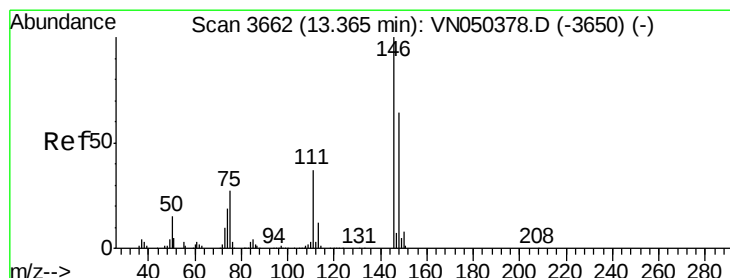
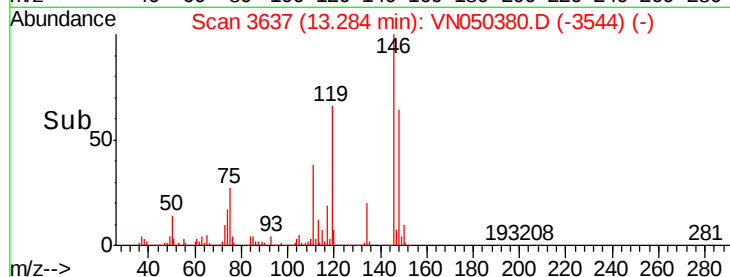
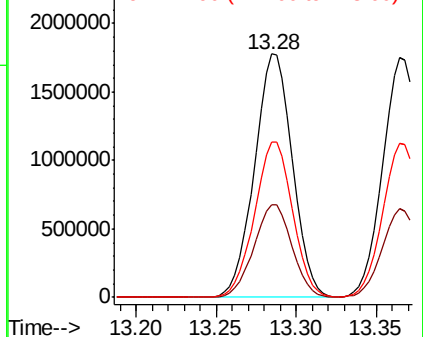
148 64.0 31.9 95.9



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: 143.929 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

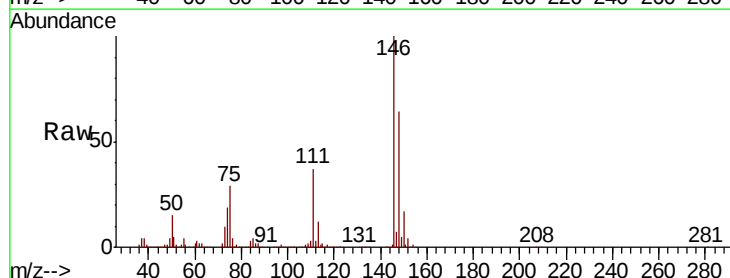
Tgt Ion:146 Resp: 2876402

Ion Ratio Lower Upper

146 100

111 36.7 18.3 54.9

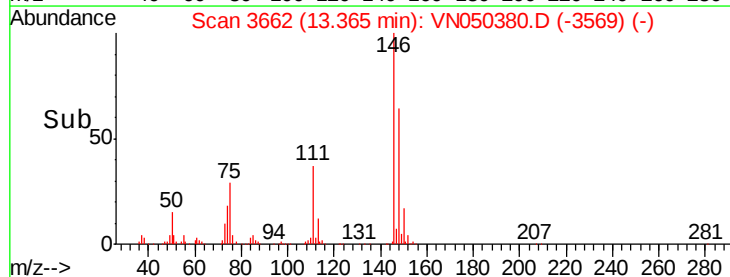
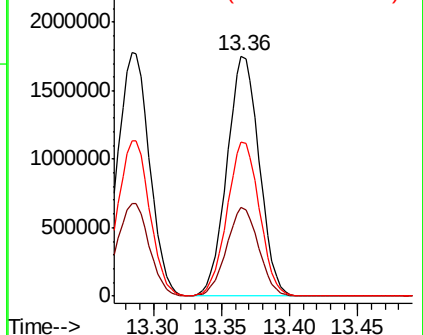
148 64.4 31.9 95.9

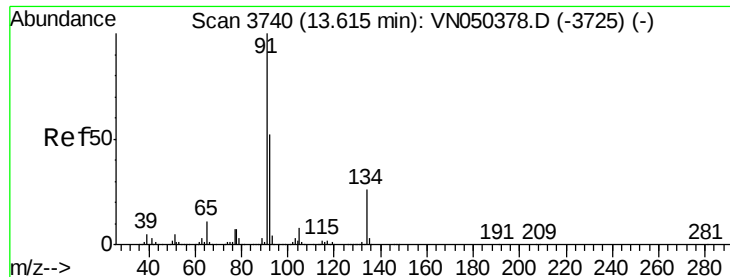


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

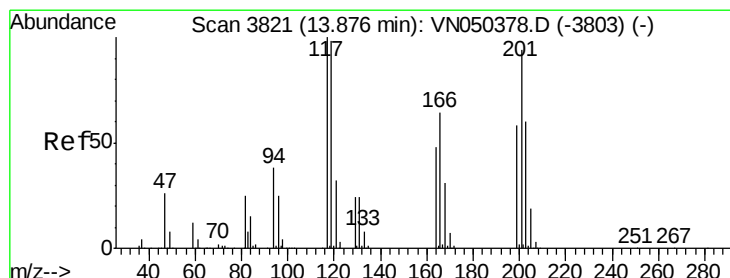
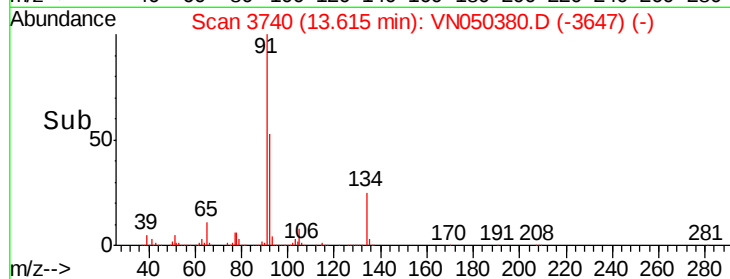
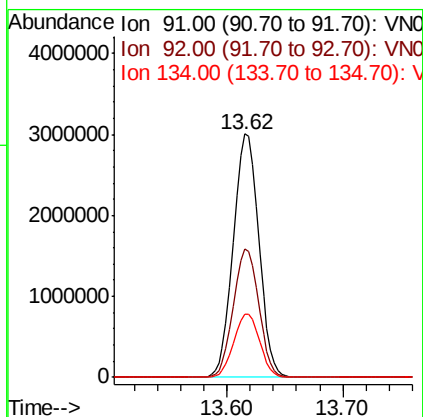
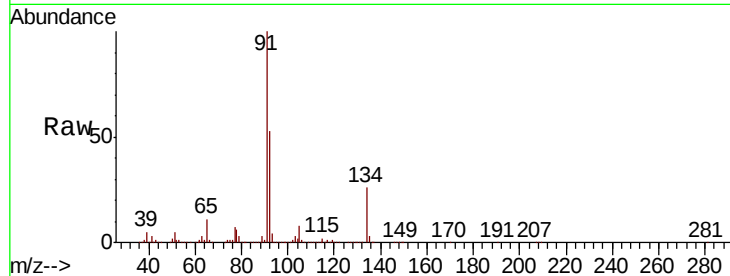




#89  
n-Butylbenzene  
Concen: 157.914 ug/l  
RT: 13.62 min Scan# 3740  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

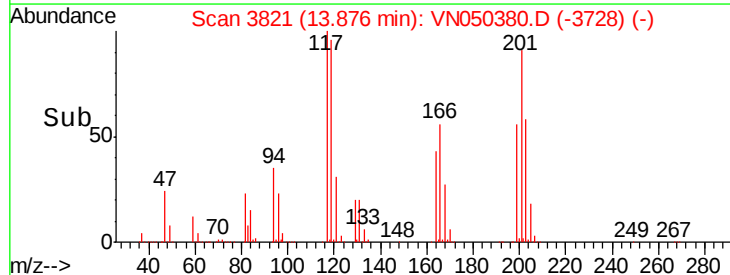
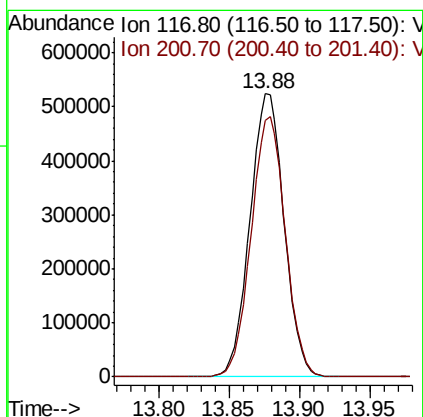
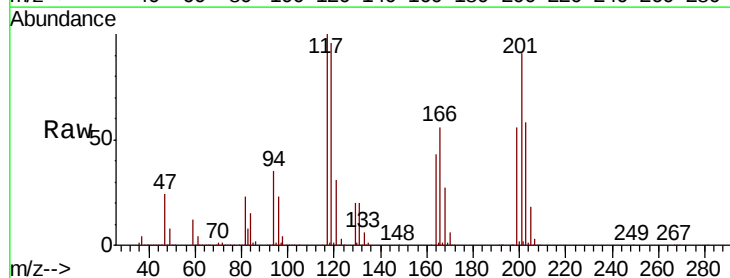
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

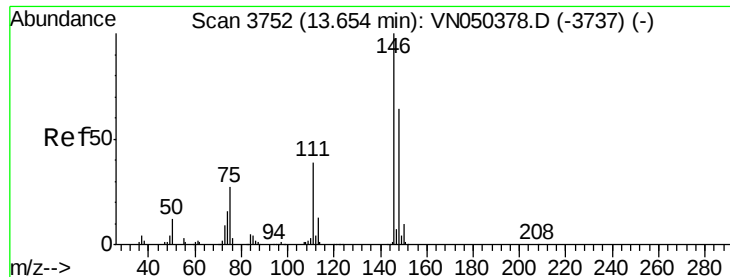
Tot Ion: 91 Resp: 4560835  
Ion Ratio Lower Upper  
91 100  
92 52.5 25.8 77.4  
134 26.3 12.8 38.4



#90  
Hexachloroethane  
Concen: 147.363 ug/l  
RT: 13.88 min Scan# 3821  
Delta R.T. 0.00 min  
Lab File: VN050380.D  
Acq: 6 Aug 2018 13:14

Tgt Ion: 117 Resp: 888998  
Ion Ratio Lower Upper  
117 100  
201 92.1 45.6 136.8





#91

1,2-Dichlorobenzene

Concen: 139.361 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC150

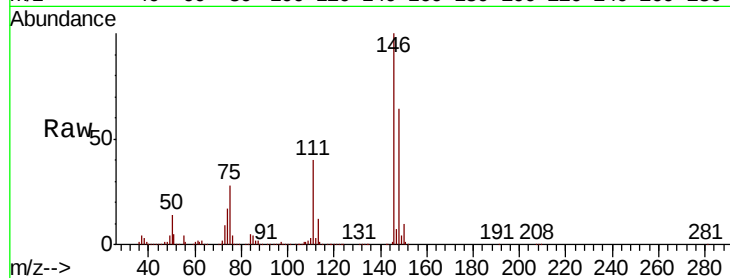
Tot Ion:146 Resp: 2795706

Ion Ratio Lower Upper

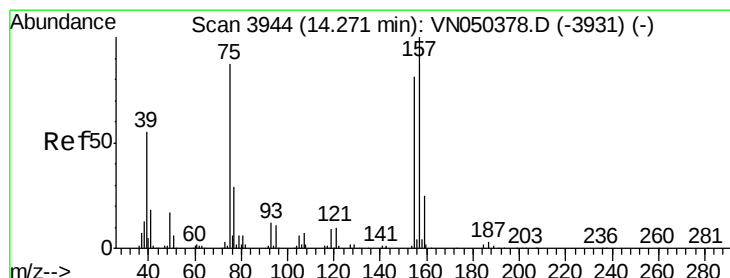
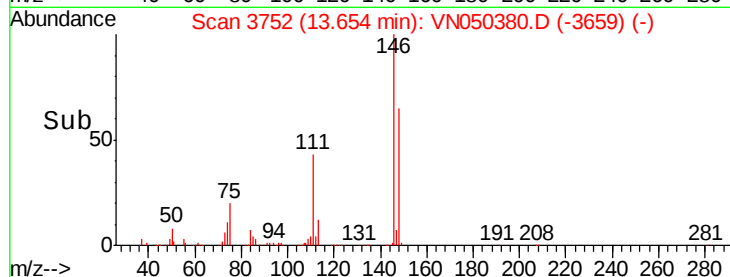
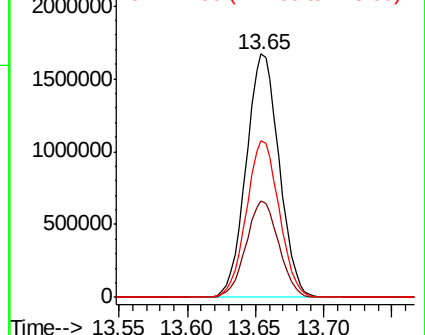
146 100

111 39.3 19.6 58.7

148 64.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 141.568 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

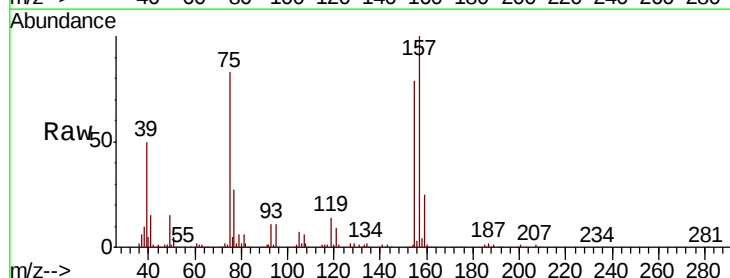
Tgt Ion: 75 Resp: 290866

Ion Ratio Lower Upper

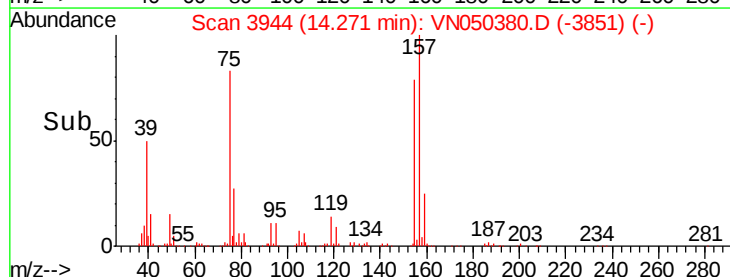
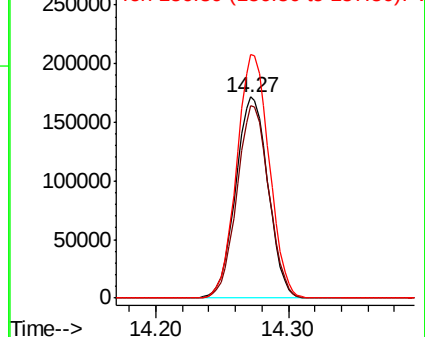
75 100

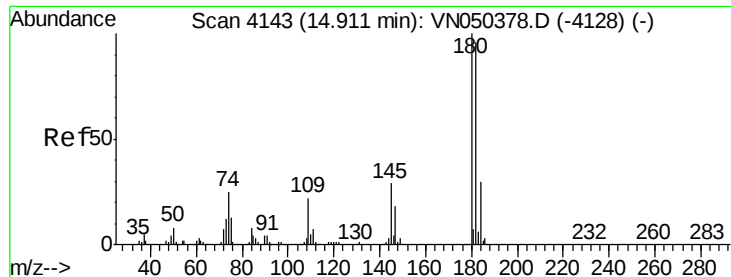
155 94.3 44.8 134.4

157 121.5 57.2 171.6



Abundance Ion 74.90 (74.60 to 75.60): V  
Ion 154.80 (154.50 to 155.50): V  
Ion 156.80 (156.50 to 157.50): V

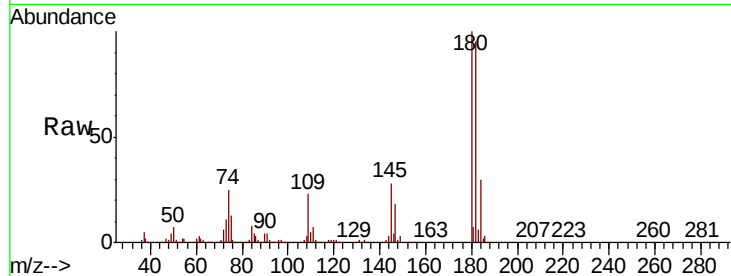




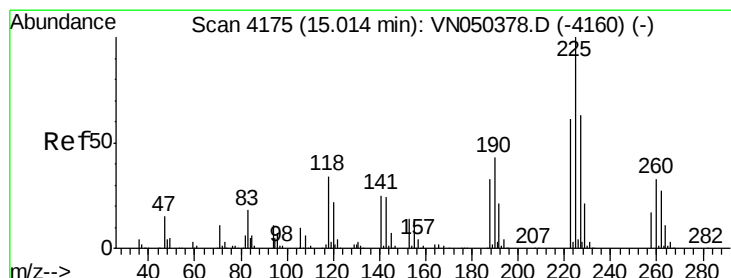
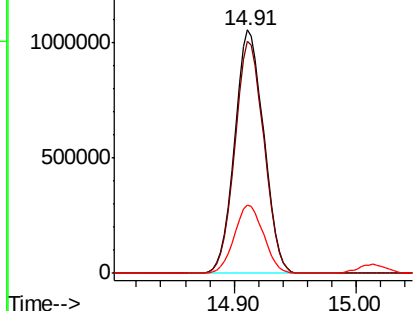
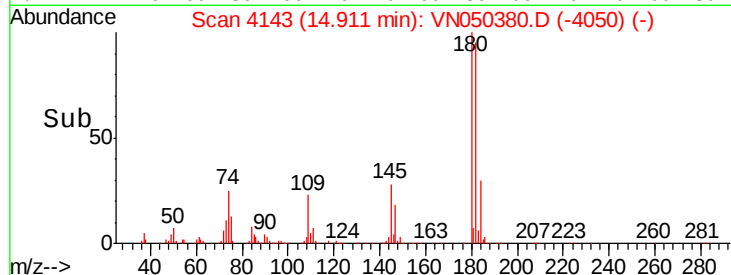
#93  
 1,2,4-Trichlorobenzene  
 Concen: 170.256 ug/l  
 RT: 14.91 min Scan# 4143  
 Delta R.T. 0.00 min  
 Lab File: VN050380.D  
 Acq: 6 Aug 2018 13:14

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

Tot Ion:180 Resp: 1739683  
 Ion Ratio Lower Upper  
 180 100  
 182 95.4 46.7 140.1  
 145 28.3 13.8 41.4

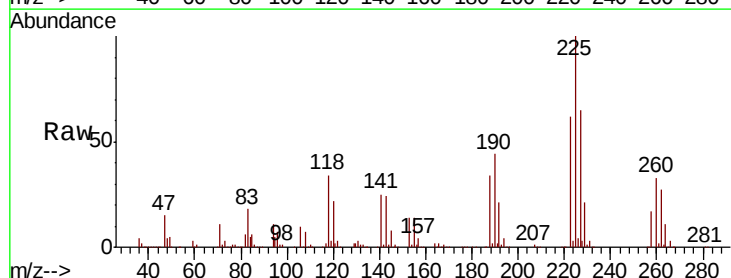


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

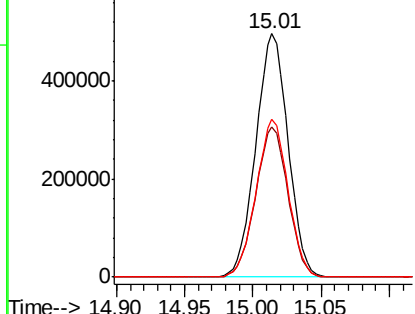
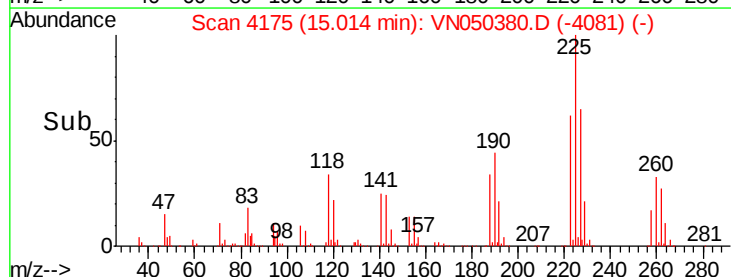


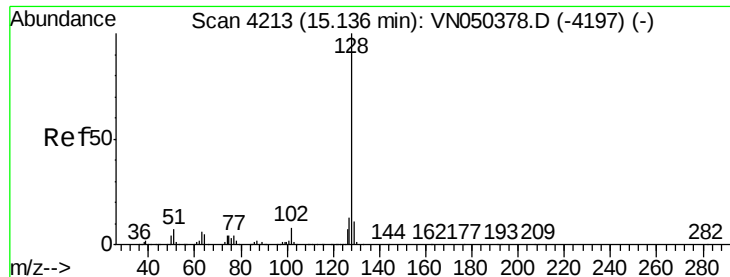
#94  
 Hexachlorobutadiene  
 Concen: 148.882 ug/l  
 RT: 15.01 min Scan# 4175  
 Delta R.T. 0.00 min  
 Lab File: VN050380.D  
 Acq: 6 Aug 2018 13:14

Tgt Ion:225 Resp: 812845  
 Ion Ratio Lower Upper  
 225 100  
 223 61.9 31.4 94.2  
 227 64.2 32.1 96.5



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: 153.718 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Instrument :

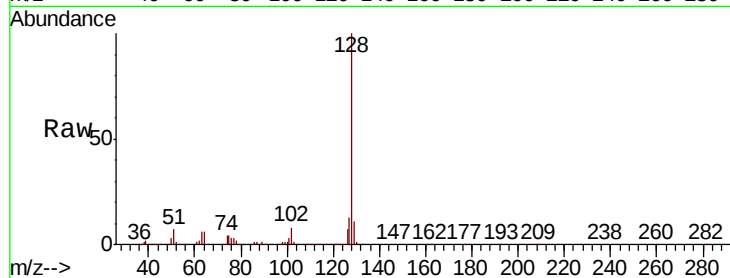
MSVOA\_N

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 4377725

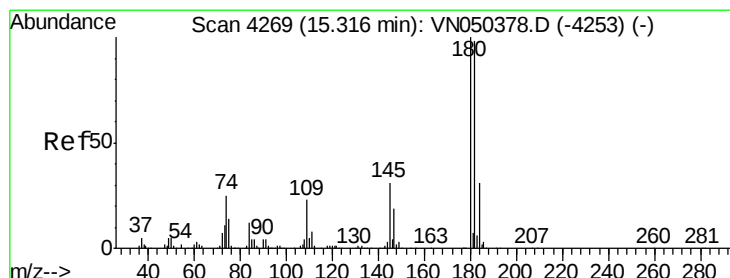
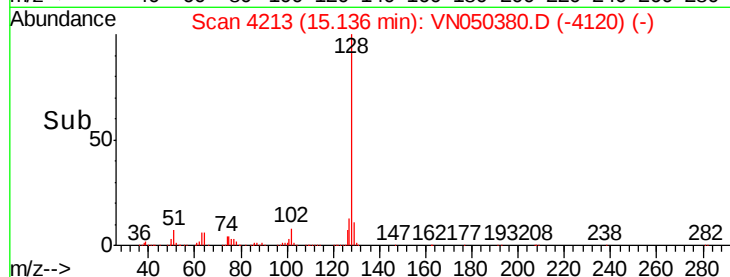
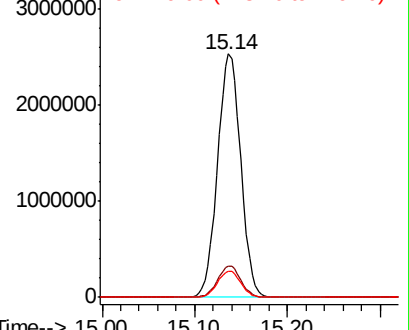
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.9  | 10.4  | 15.6  |
| 129 | 10.8  | 8.8   | 13.2  |



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: 159.139 ug/l

RT: 15.32 min Scan# 4270

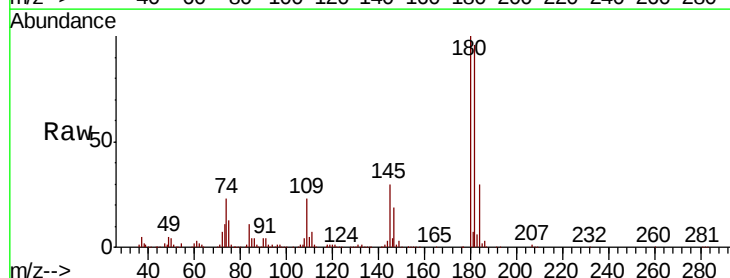
Delta R.T. 0.00 min

Lab File: VN050380.D

Acq: 6 Aug 2018 13:14

Tgt Ion:180 Resp: 1644035

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.8  | 48.1  | 144.4 |
| 145 | 30.3  | 15.3  | 45.9  |



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

