

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\  
 Data File : VN051217.D  
 Acq On : 15 Sep 2018 12:57  
 Operator : MD\SY  
 Sample : VN0915WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 17 02:12:51 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 11 02:27:09 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 715853   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 1031268  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 924613   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 438956   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.03   | 65  | 390201   | 48.98 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.96% |      |
| 35) Dibromofluoromethane  | 7.59   | 113 | 380382   | 49.09 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.18% |      |
| 50) Toluene-d8            | 10.09  | 98  | 1339504  | 45.55 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.10% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 431173   | 44.33 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 88.66% |      |

## Target Compounds

|                               |      |     |         |       |      | Qvalue |
|-------------------------------|------|-----|---------|-------|------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85  | 129876  | 18.81 | ug/l | 98     |
| 3) Chloromethane              | 2.06 | 50  | 178910  | 19.74 | ug/l | 100    |
| 4) Vinyl Chloride             | 2.18 | 62  | 169956  | 17.94 | ug/l | 99     |
| 5) Bromomethane               | 2.56 | 94  | 100033  | 18.08 | ug/l | 98     |
| 6) Chloroethane               | 2.70 | 64  | 104247  | 17.82 | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.02 | 101 | 232106  | 18.49 | ug/l | 99     |
| 8) Diethyl Ether              | 3.41 | 74  | 90243   | 19.54 | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.76 | 101 | 147736  | 18.25 | ug/l | 100    |
| 10) Methyl Iodide             | 3.95 | 142 | 114026  | 19.00 | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.78 | 59  | 45310   | 74.46 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.74 | 96  | 130705  | 17.12 | ug/l | 98     |
| 13) Acrolein                  | 3.61 | 56  | 30836   | 61.77 | ug/l | 98     |
| 14) Allyl chloride            | 4.32 | 41  | 210561  | 18.10 | ug/l | 99     |
| 15) Acrylonitrile             | 4.99 | 53  | 248344  | 92.11 | ug/l | 99     |
| 16) Acetone                   | 3.82 | 43  | 175881  | 85.45 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.05 | 76  | 405964  | 18.11 | ug/l | 99     |
| 18) Methyl Acetate            | 4.33 | 43  | 113698  | 17.82 | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.05 | 73  | 384942  | 19.07 | ug/l | 99     |
| 20) Methylene Chloride        | 4.55 | 84  | 170355  | 19.36 | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 5.04 | 96  | 147142  | 17.77 | ug/l | 98     |
| 22) Diisopropyl ether         | 5.95 | 45  | 477064  | 20.66 | ug/l | 97     |
| 23) Vinyl Acetate             | 5.90 | 43  | 1527768 | 97.76 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 5.85 | 63  | 279803  | 19.10 | ug/l | 98     |
| 25) 2-Butanone                | 6.84 | 43  | 262235  | 83.72 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 6.82 | 77  | 215158  | 17.94 | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96  | 173897  | 19.14 | ug/l | 99     |
| 28) Bromochloromethane        | 7.19 | 49  | 117425  | 18.01 | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.22 | 42  | 175839  | 89.90 | ug/l | 99     |
| 30) Chloroform                | 7.37 | 83  | 289936  | 19.89 | ug/l | 99     |
| 31) Cyclohexane               | 7.65 | 56  | 233175  | 17.70 | ug/l | 93     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97  | 234413  | 18.87 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75  | 202530  | 17.89 | ug/l | 99     |
| 37) Ethyl Acetate             | 6.93 | 43  | 122049  | 18.61 | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.77 | 117 | 206580  | 18.54 | ug/l | 100    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\  
 Data File : VN051217.D  
 Acq On : 15 Sep 2018 12:57  
 Operator : MD\SY  
 Sample : VN0915WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Sep 17 02:12:51 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 11 02:27:09 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 220727   | 17.67  | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 652272   | 19.12  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.18  | 41   | 62943    | 18.60  | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 8.12  | 62   | 201015   | 20.21  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 215159   | 18.60  | ug/l # | 89       |
| 44) Trichloroethene            | 8.84  | 130  | 172064   | 18.44  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 174974   | 19.85  | ug/l   | 96       |
| 46) Dibromomethane             | 9.21  | 93   | 104828   | 19.49  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 221158   | 20.22  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.20  | 41   | 102153   | 18.12  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.20  | 88   | 29712    | 336.03 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 584004   | 91.27  | ug/l   | 100      |
| 52) Toluene                    | 10.16 | 92   | 402764   | 19.36  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 213750   | 19.53  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 254108   | 19.80  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 149729   | 19.81  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 173447   | 18.72  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 246672   | 19.69  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 325543   | 86.93  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 362084   | 83.44  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.90 | 129  | 170316   | 19.99  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 145347   | 19.67  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 157594   | 18.68  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.43 | 112  | 442381   | 18.98  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 167279   | 19.93  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.51 | 91   | 703989   | 18.65  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 565835   | 39.02  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 275006   | 19.58  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 431006   | 19.79  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 115675   | 19.58  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 694155   | 18.86  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 155277   | 16.76  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 176275   | 19.91  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 203131   | 29.23  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 185742   | 18.79  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.59 | 91   | 765489   | 18.92  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 473473   | 18.72  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 577194   | 19.39  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 40033    | 17.32  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 459535   | 18.30  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 484915   | 18.46  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 574465   | 19.63  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 629692   | 18.69  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 549795   | 19.24  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 298331   | 17.78  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 287990   | 18.71  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 390903   | 17.58  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 101517   | 19.13  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 291175   | 17.81  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 21832    | 17.79  | ug/l   | 95       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\  
Data File : VN051217.D  
Acq On : 15 Sep 2018 12:57  
Operator : MD\SY  
Sample : VN0915WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Sep 17 02:12:51 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091018W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 11 02:27:09 2018  
Response via : Initial Calibration

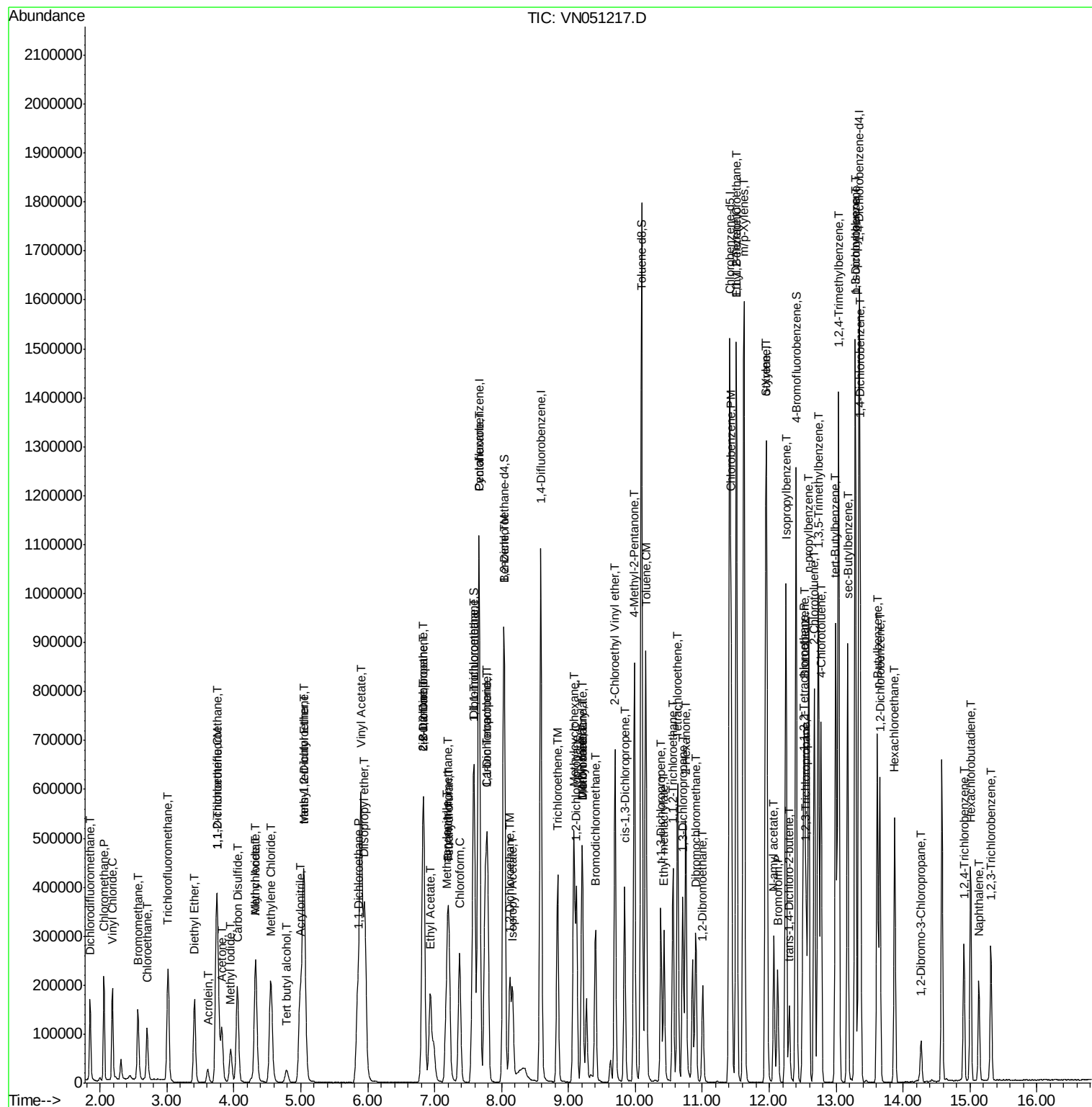
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 100538   | 15.70 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 96580    | 19.19 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 175995   | 14.86 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 104054   | 15.92 | ug/l  | 99       |

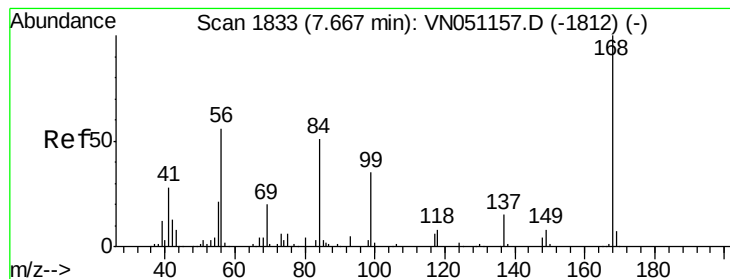
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091518\  
Data File : VN051217.D  
Acq On : 15 Sep 2018 12:57  
Operator : MD\SY  
Sample : VN0915WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Sep 17 02:12:51 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N091018W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 11 02:27:09 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

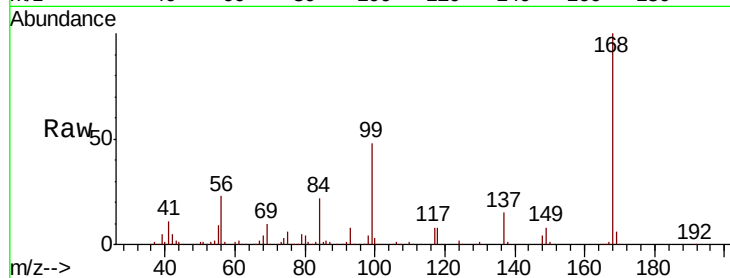
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:168 Resp: 715853

Ion Ratio Lower Upper

168 100

99 47.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

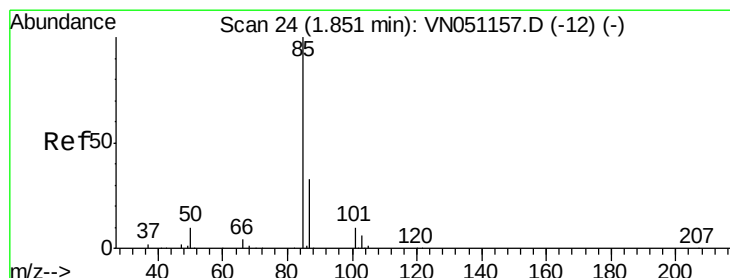
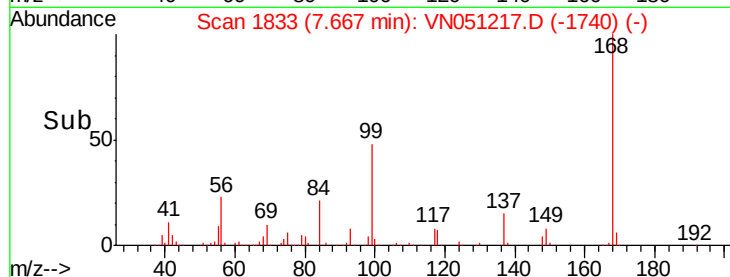
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.81 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051217.D

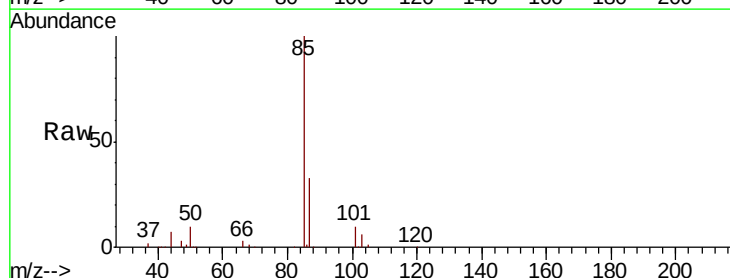
Acq: 15 Sep 2018 12:57

Tgt Ion: 85 Resp: 129876

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

100000

80000

60000

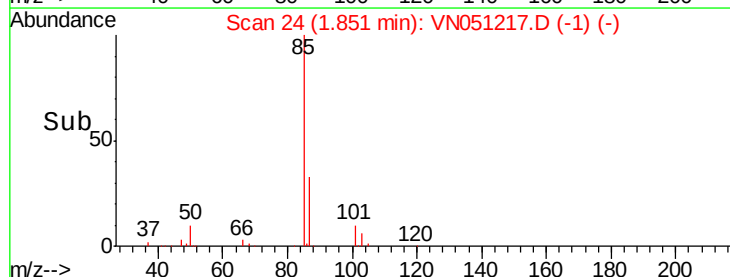
40000

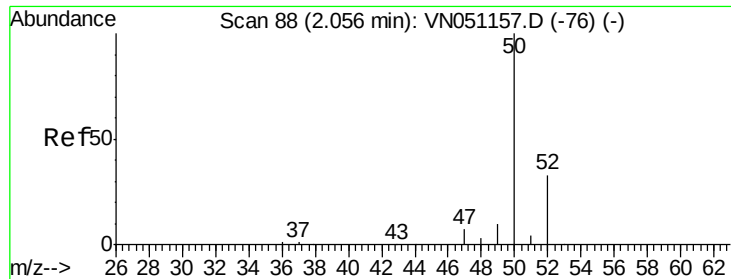
20000

0

1.80 1.85 1.90 1.95

Time-->

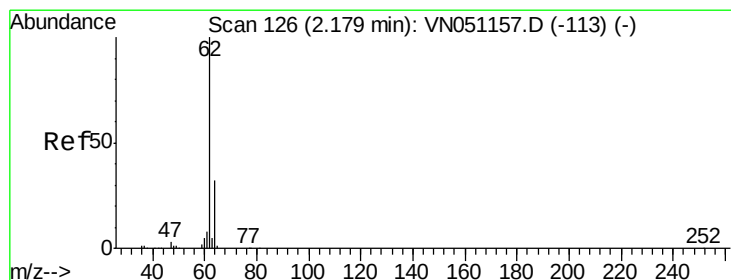
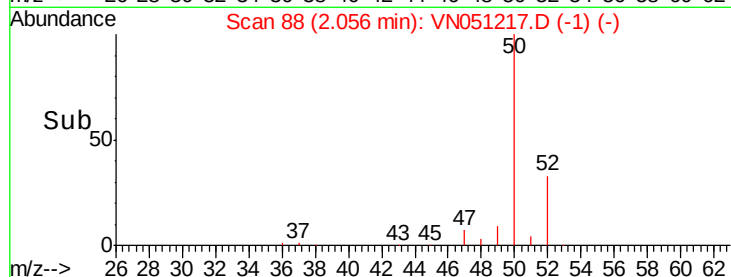
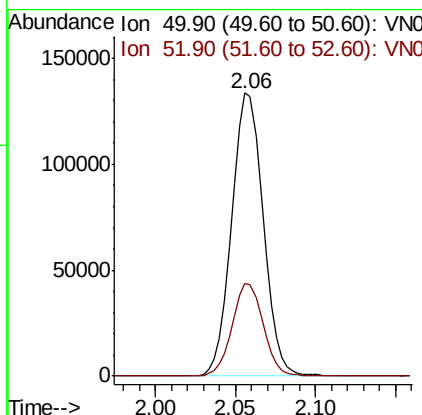
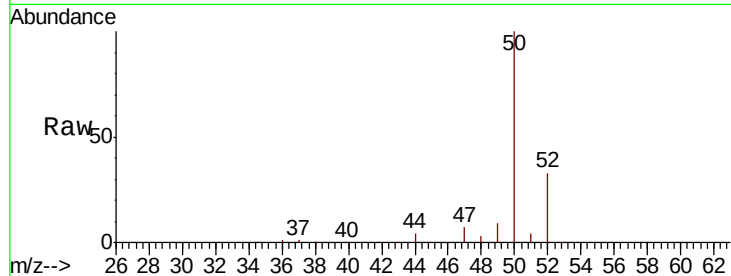




#3  
Chloromethane  
Concen: 19.74 ug/l  
RT: 2.06 min Scan# 88  
Delta R.T. 0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

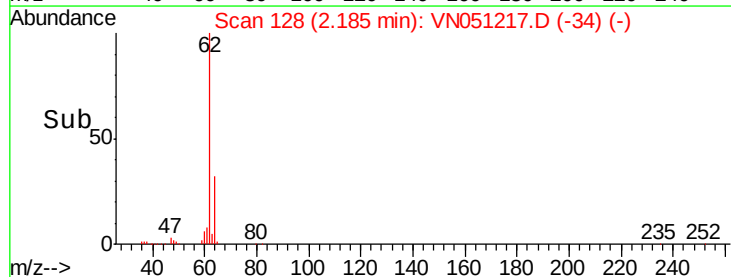
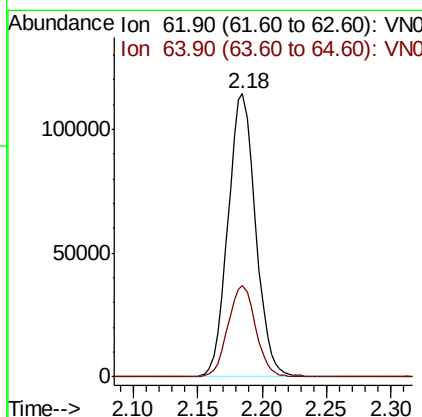
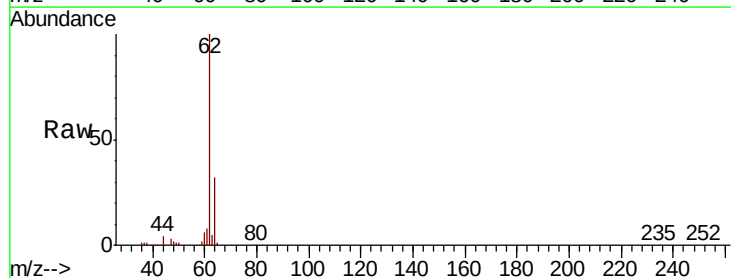
Instrument :  
MSVOA\_N  
ClientSampled :

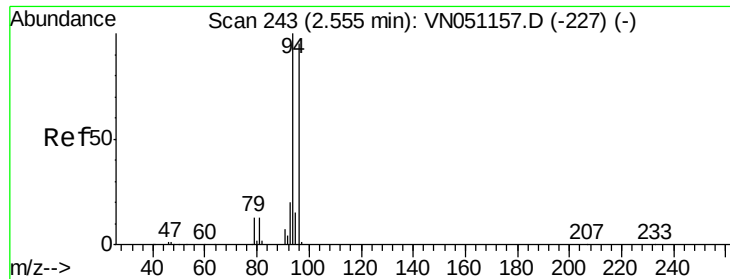
Tot Ion: 50 Resp: 178910  
Ion Ratio Lower Upper  
50 100  
52 32.8 26.0 39.0



#4  
Vinyl Chloride  
Concen: 17.94 ug/l  
RT: 2.18 min Scan# 128  
Delta R.T. 0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

Tgt Ion: 62 Resp: 169956  
Ion Ratio Lower Upper  
62 100  
64 32.3 26.2 39.4





#5

Bromomethane

Concen: 18.08 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

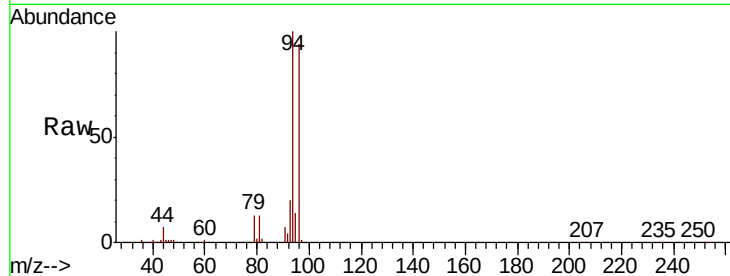
ClientSampled :

Tot Ion: 94 Resp: 100033

Ion Ratio Lower Upper

94 100

96 93.2 75.9 113.9

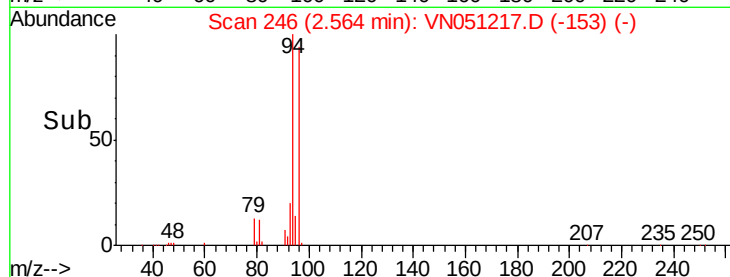


Abundance Ion 93.90 (93.60 to 94.60): VN051217.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN051217.D (-153) (-)

2.56

Time-->



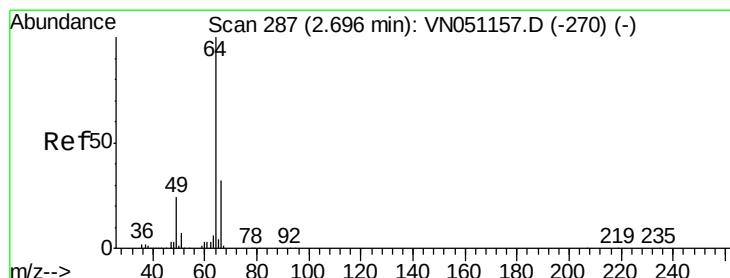
Abundance

Ion 93.90 (93.60 to 94.60): VN051217.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN051217.D (-153) (-)

2.56

Time-->



#6

Chloroethane

Concen: 17.82 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051217.D

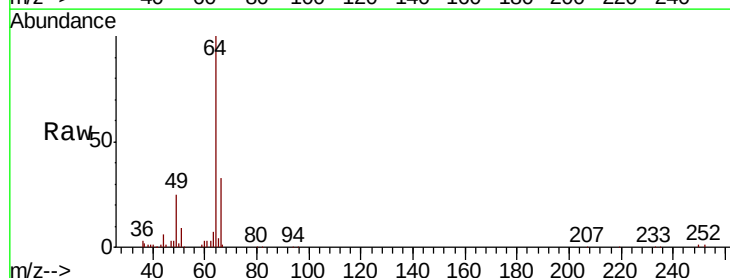
Acq: 15 Sep 2018 12:57

Tgt Ion: 64 Resp: 104247

Ion Ratio Lower Upper

64 100

66 33.0 26.1 39.1

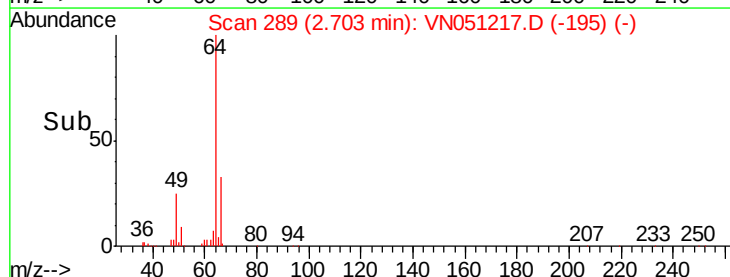


Abundance Ion 63.90 (63.60 to 64.60): VN051217.D (-195) (-)

Ion 65.90 (65.60 to 66.60): VN051217.D (-195) (-)

2.70

Time-->



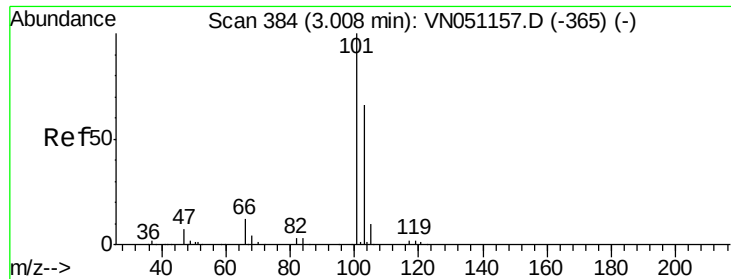
Abundance

Ion 63.90 (63.60 to 64.60): VN051217.D (-195) (-)

Ion 65.90 (65.60 to 66.60): VN051217.D (-195) (-)

2.70

Time-->

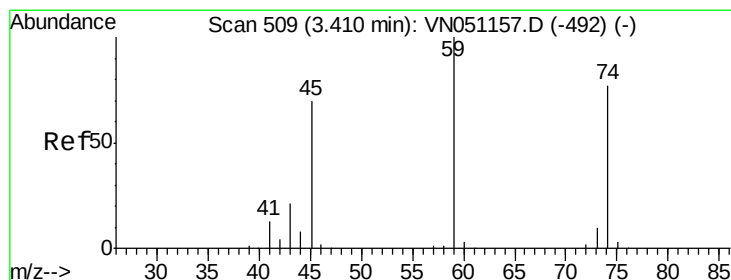
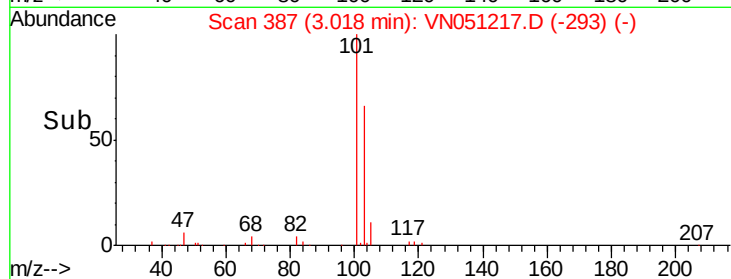
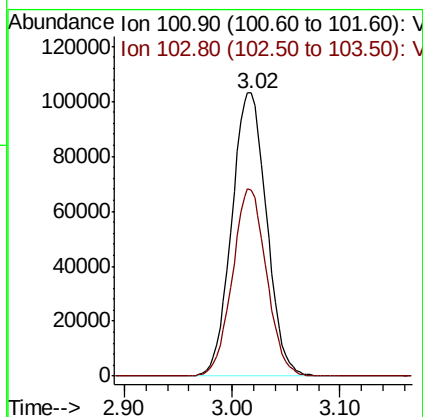
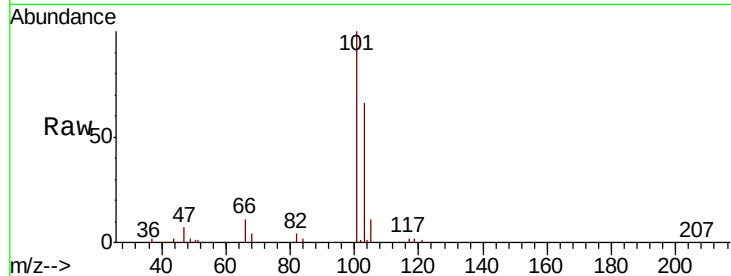


#7

Trichlorofluoromethane  
 Concen: 18.49 ug/l  
 RT: 3.02 min Scan# 387  
 Delta R.T. 0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

Instrument :  
 MSVOA\_N  
 ClientSampled :

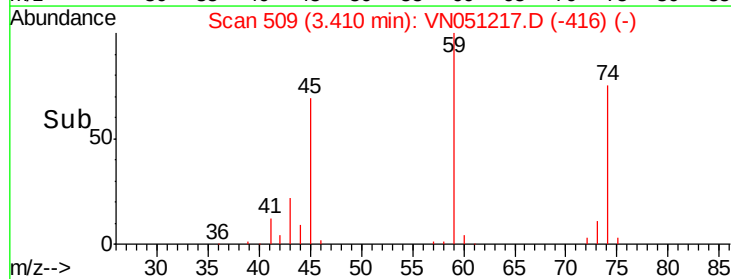
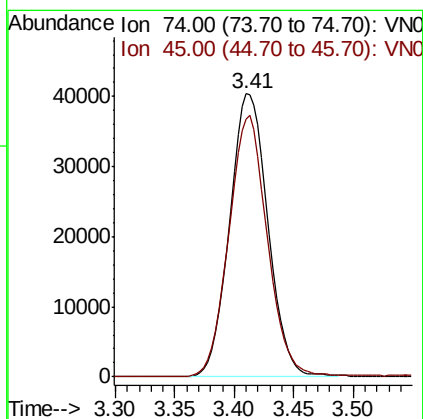
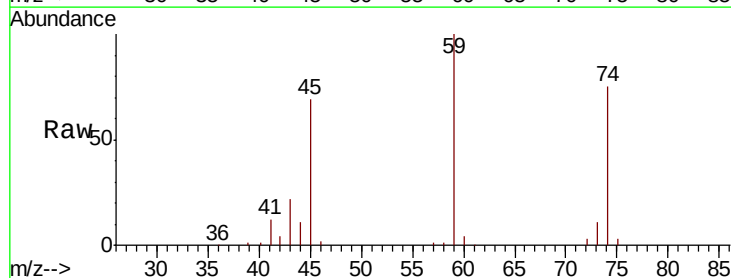
Tot Ion:101 Resp: 232106  
 Ion Ratio Lower Upper  
 101 100  
 103 65.9 52.4 78.6



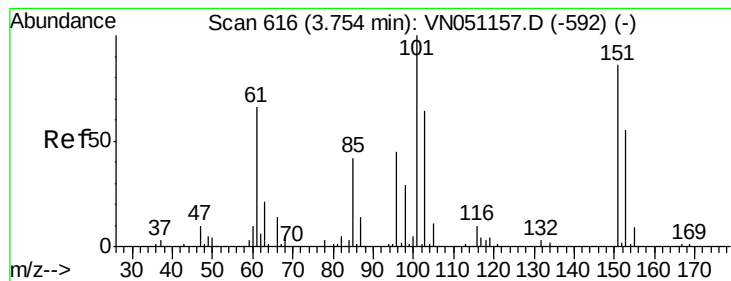
#8

Diethyl Ether  
 Concen: 19.54 ug/l  
 RT: 3.41 min Scan# 509  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

Tgt Ion: 74 Resp: 90243  
 Ion Ratio Lower Upper  
 74 100  
 45 93.0 46.7 140.0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.25 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

ClientSampleId :

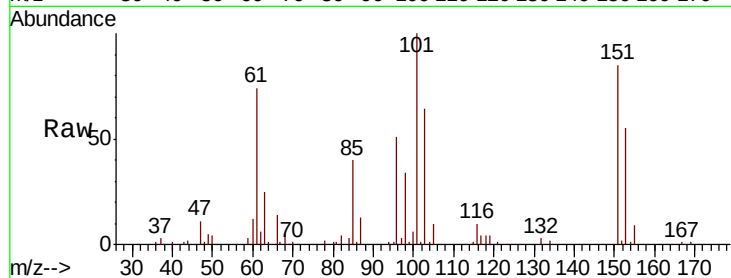
Tot Ion:101 Resp: 147736

Ion Ratio Lower Upper

101 100

85 41.2 33.3 49.9

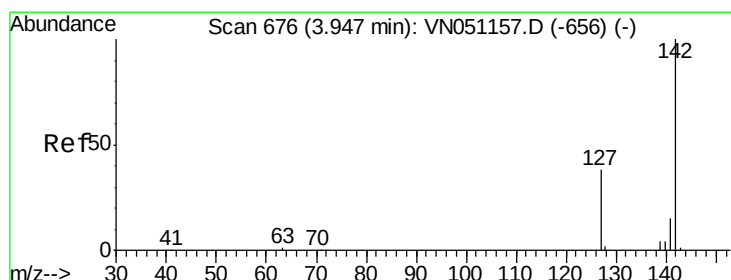
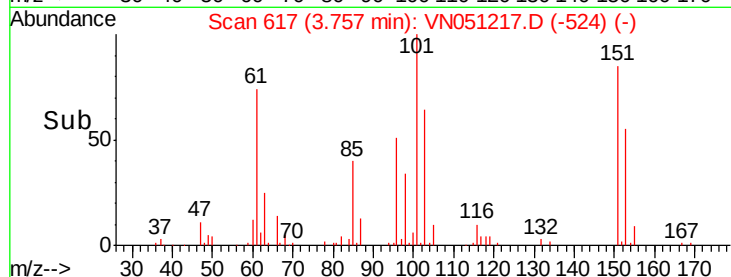
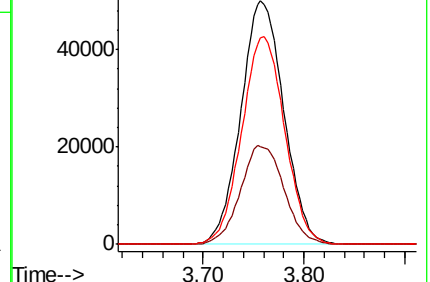
151 85.2 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.00 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

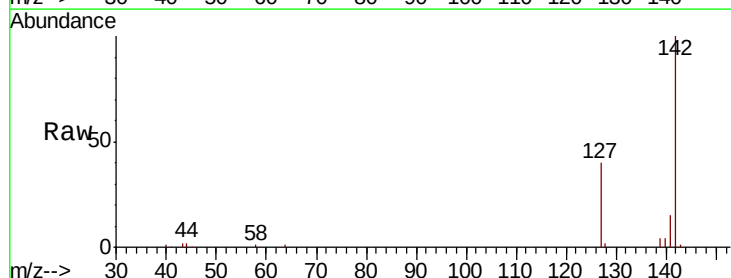
Tgt Ion:142 Resp: 114026

Ion Ratio Lower Upper

142 100

127 39.4 31.0 46.4

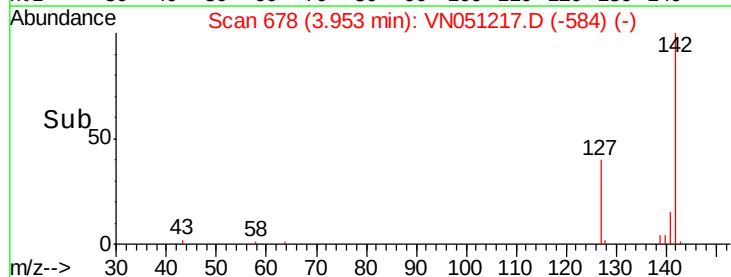
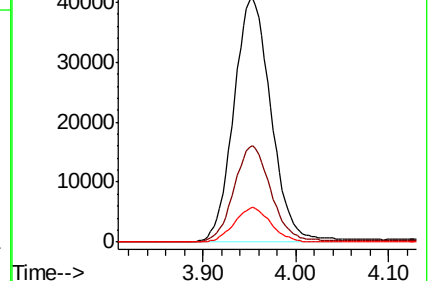
141 13.9 11.3 16.9

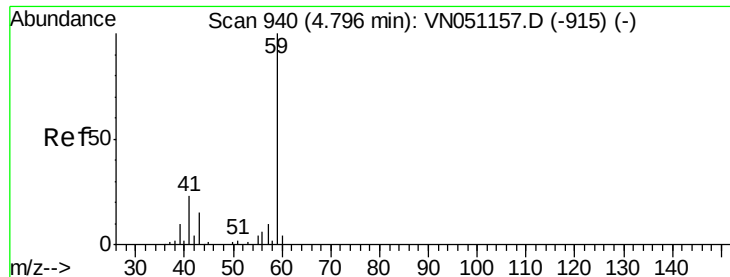


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

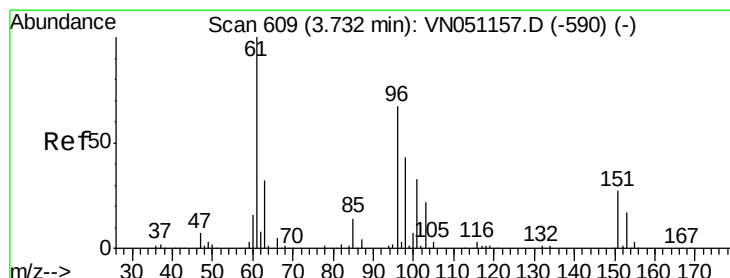
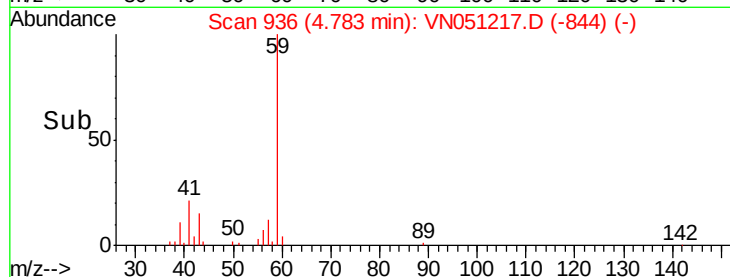
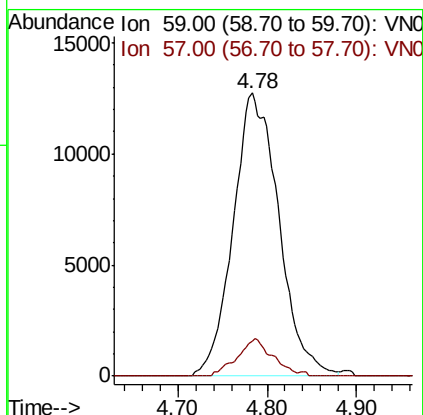
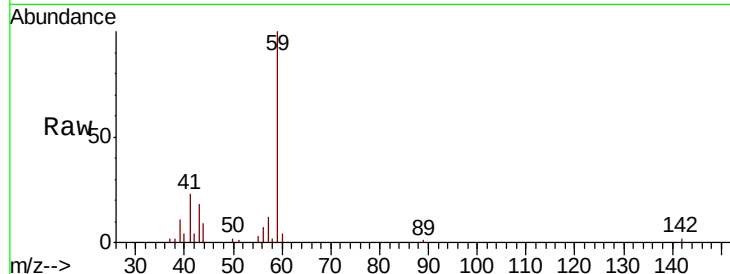




#11  
Tert butyl alcohol  
Concen: 74.46 ug/l  
RT: 4.78 min Scan# 936  
Delta R.T. -0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

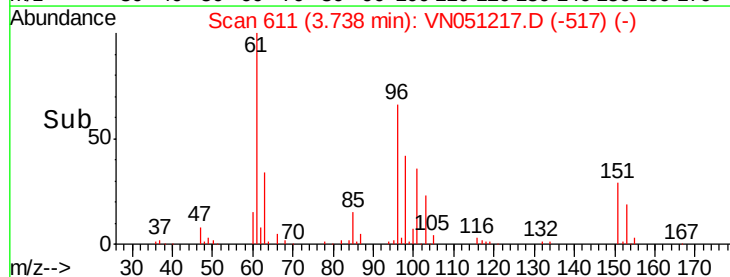
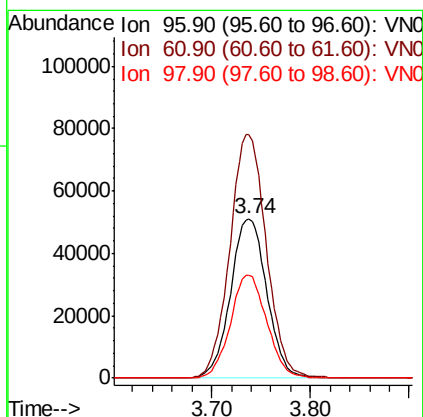
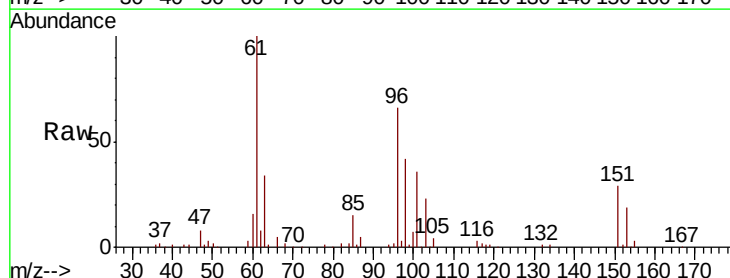
Instrument :  
MSVOA\_N  
ClientSampled :

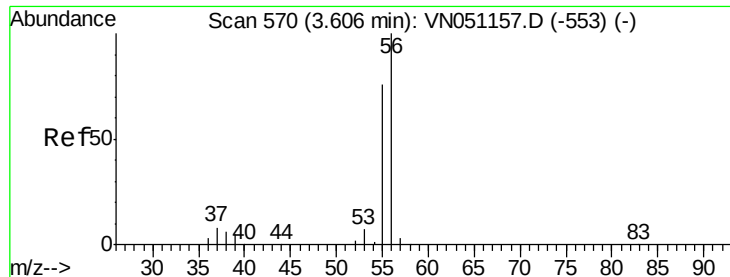
Tot Ion: 59 Resp: 45310  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 17.12 ug/l  
RT: 3.74 min Scan# 611  
Delta R.T. 0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

Tgt Ion: 96 Resp: 130705  
Ion Ratio Lower Upper  
96 100  
61 152.6 120.3 180.5  
98 64.7 50.8 76.2





#13

Acrolein

Concen: 61.77 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

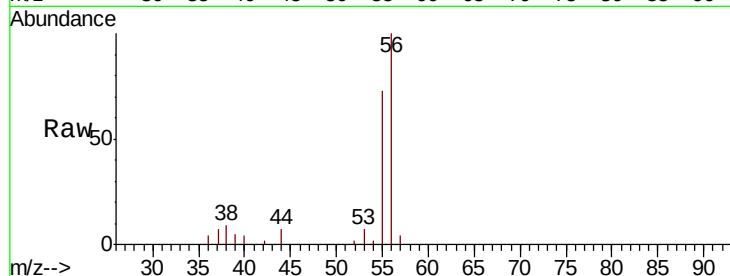
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 30836

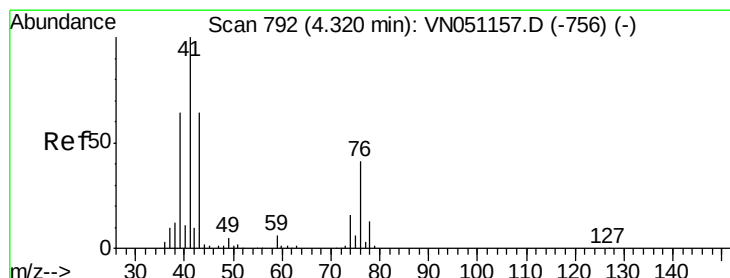
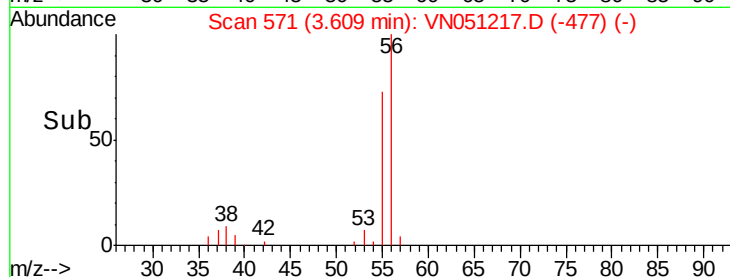
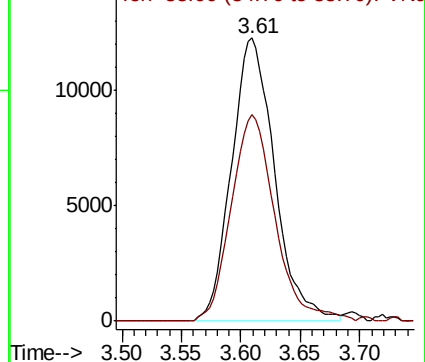
Ion Ratio Lower Upper

56 100

55 74.3 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VNO  
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 18.10 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

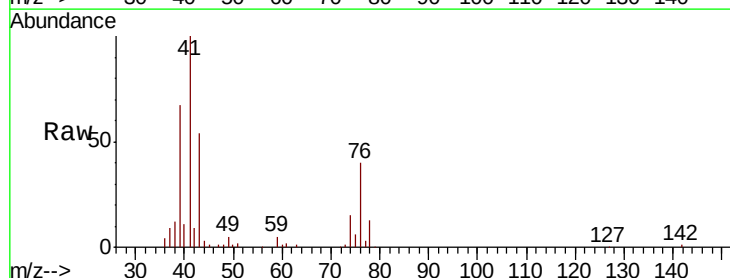
Tgt Ion: 41 Resp: 210561

Ion Ratio Lower Upper

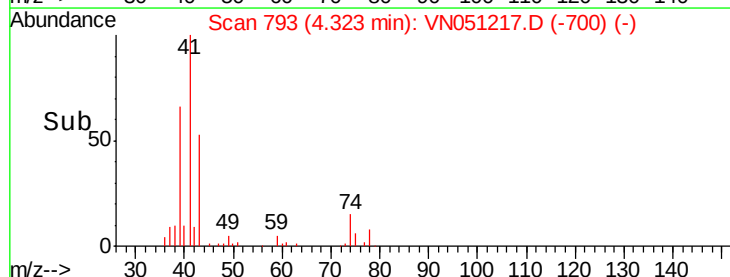
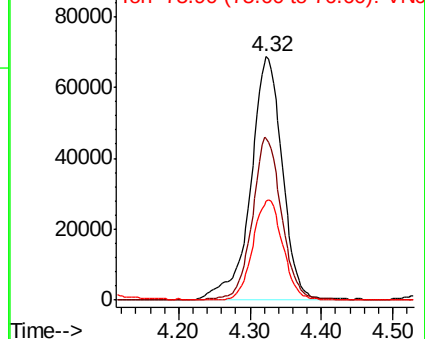
41 100

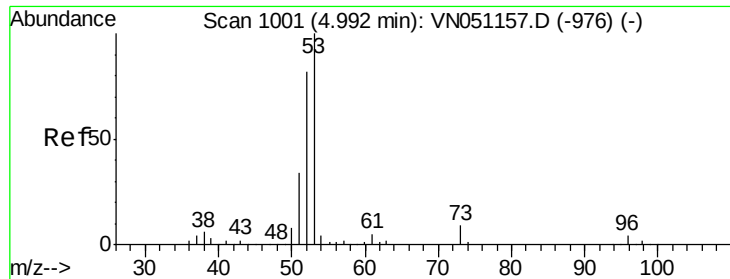
39 62.0 48.8 73.2

76 38.3 30.6 45.8



Abundance Ion 41.00 (40.70 to 41.70): VNO  
Ion 39.00 (38.70 to 39.70): VNO  
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 92.11 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

ClientSampleId :

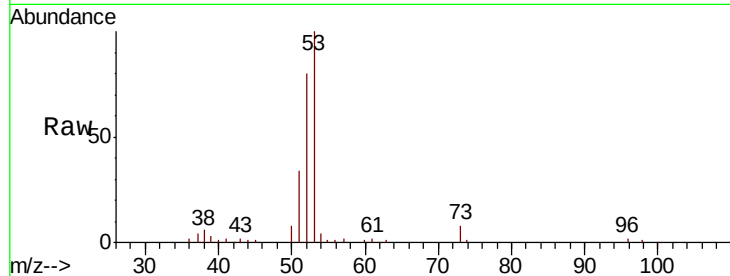
Tot Ion: 53 Resp: 248344

Ion Ratio Lower Upper

53 100

52 80.0 65.3 97.9

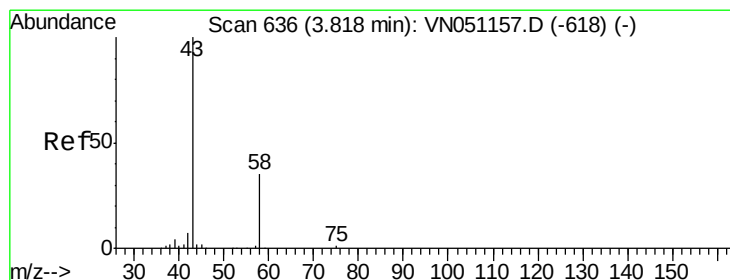
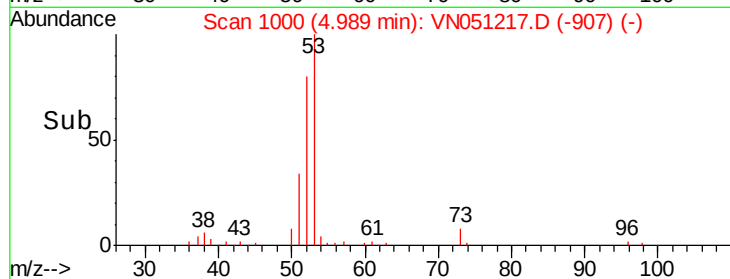
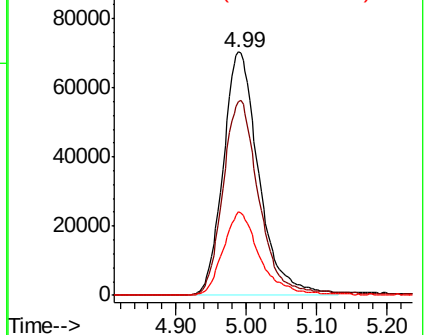
51 35.2 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 85.45 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051217.D

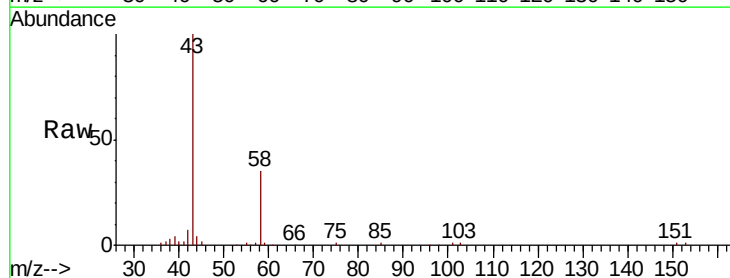
Acq: 15 Sep 2018 12:57

Tgt Ion: 43 Resp: 175881

Ion Ratio Lower Upper

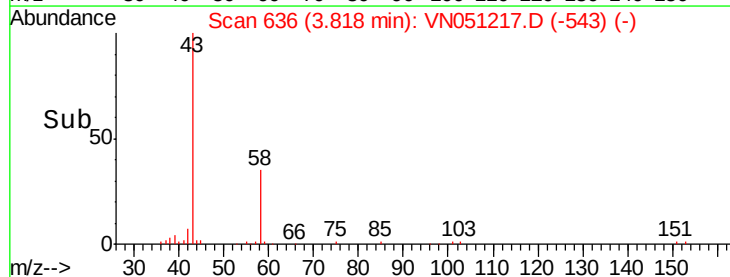
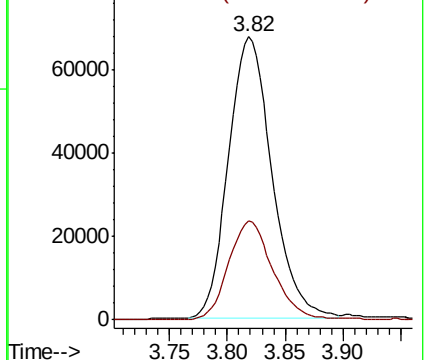
43 100

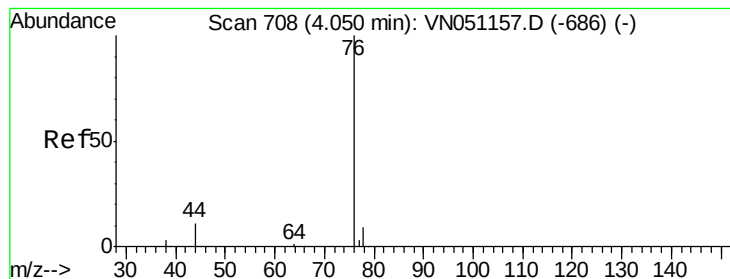
58 35.0 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 18.11 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

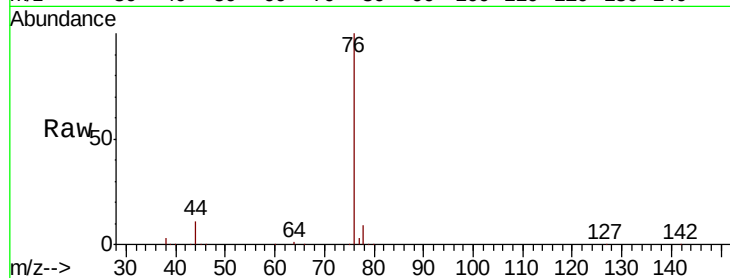
ClientSampleId :

Tot Ion: 76 Resp: 405964

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN051217.D (-686) (-)

Ion 77.90 (77.60 to 78.60): VN051217.D (-686) (-)

4.05

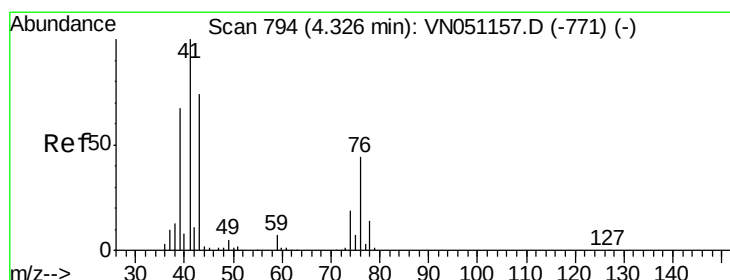
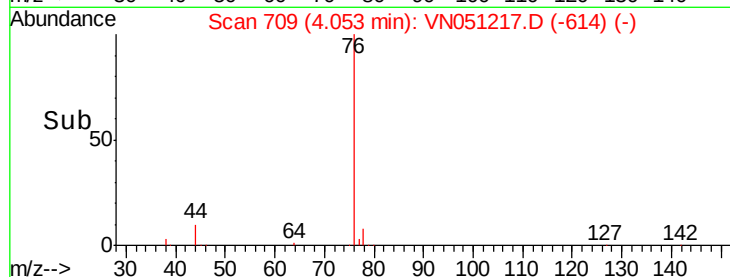
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 17.82 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN051217.D

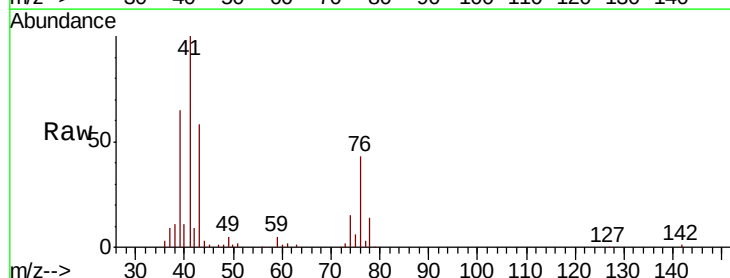
Acq: 15 Sep 2018 12:57

Tgt Ion: 43 Resp: 113698

Ion Ratio Lower Upper

43 100

74 26.4 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VN051217.D (-701) (-)

Ion 74.00 (73.70 to 74.70): VN051217.D (-701) (-)

4.33

40000

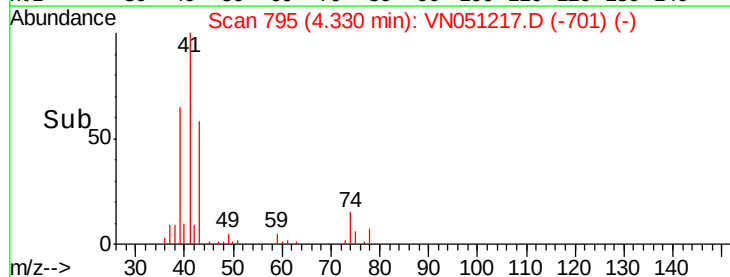
30000

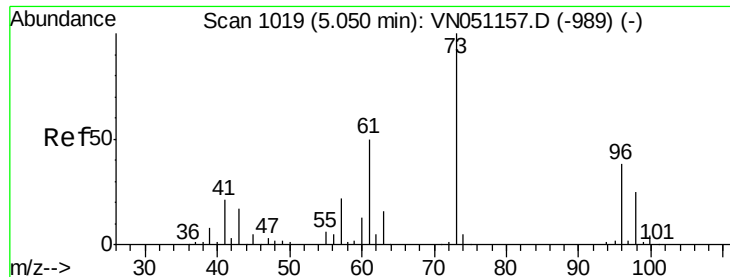
20000

10000

0

Time-->

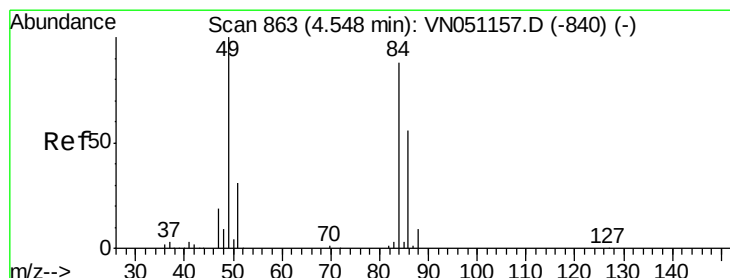
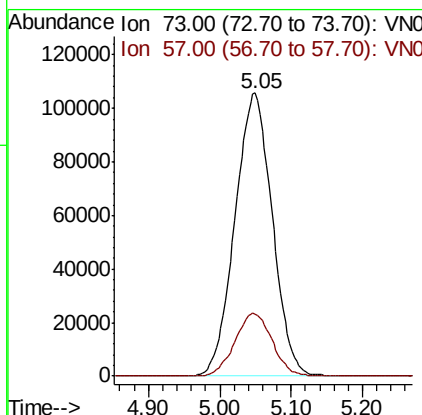
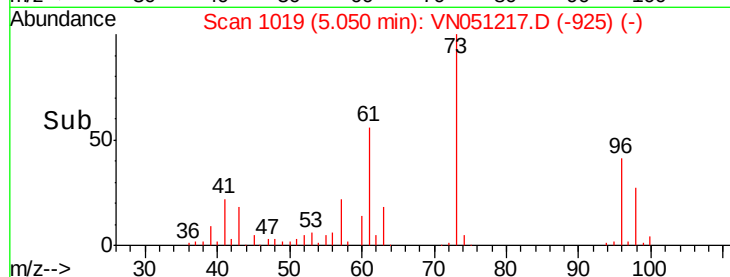
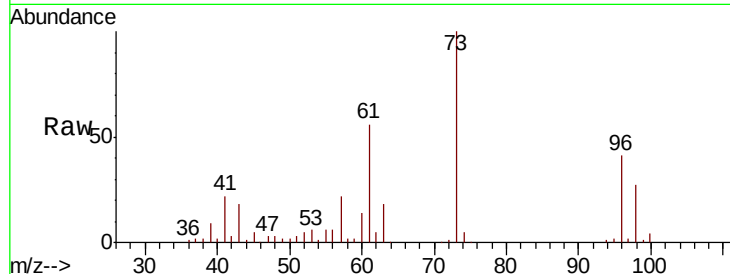




#19  
Methvl tert-butvl Ether  
Concen: 19.07 ug/l  
RT: 5.05 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

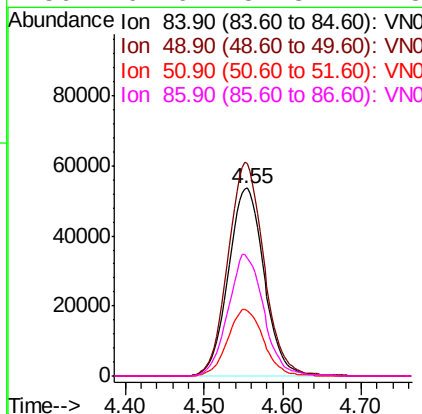
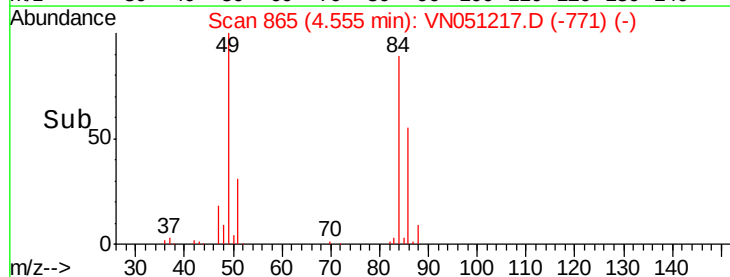
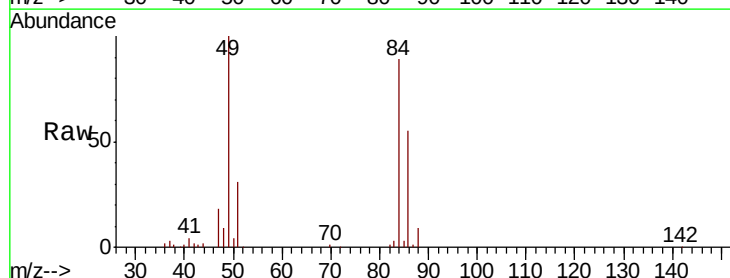
Instrument :  
MSVOA\_N  
ClientSampled :

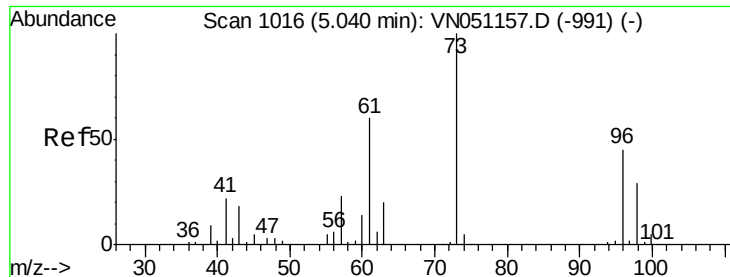
Tot Ion: 73 Resp: 384942  
Ion Ratio Lower Upper  
73 100  
57 22.0 17.9 26.9



#20  
Methylene Chloride  
Concen: 19.36 ug/l  
RT: 4.55 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

Tgt Ion: 84 Resp: 170355  
Ion Ratio Lower Upper  
84 100  
49 112.9 90.2 135.2  
51 34.9 28.4 42.6  
86 62.6 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 17.77 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :  
MSVOA\_N  
ClientSampleId :

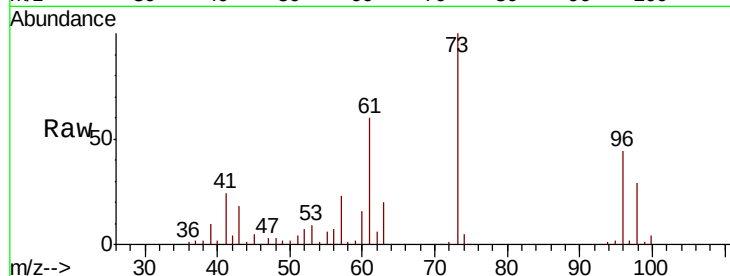
Tot Ion: 96 Resp: 147142

Ion Ratio Lower Upper

96 100

61 135.0 106.5 159.7

98 64.7 50.4 75.6

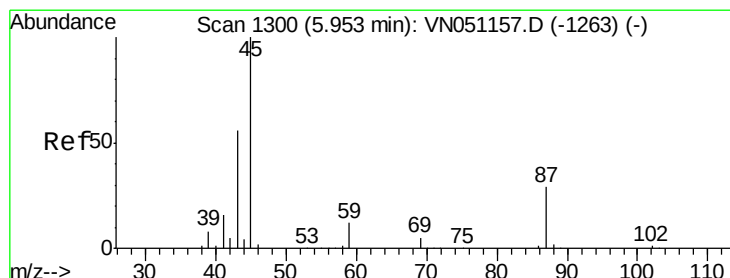
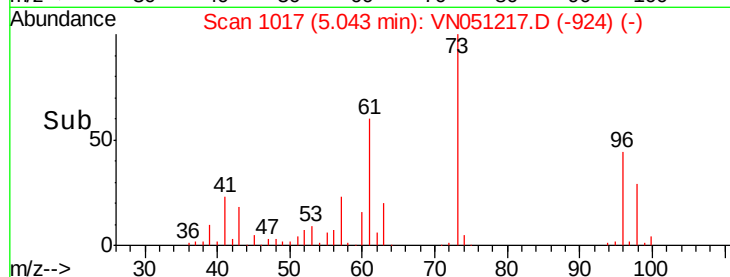
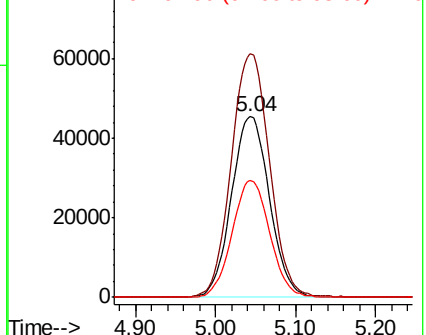


Abundance

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: 20.66 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Tgt Ion: 45 Resp: 477064

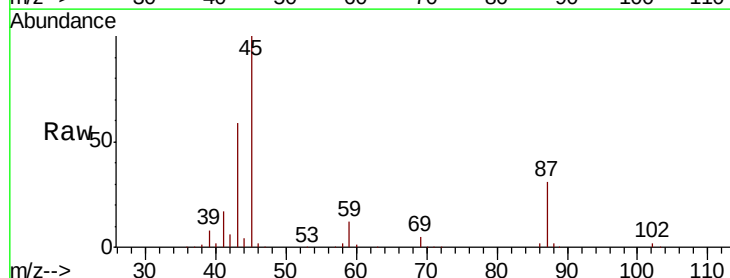
Ion Ratio Lower Upper

45 100

43 57.8 48.8 73.2

87 30.9 23.8 35.8

59 12.2 9.6 14.4



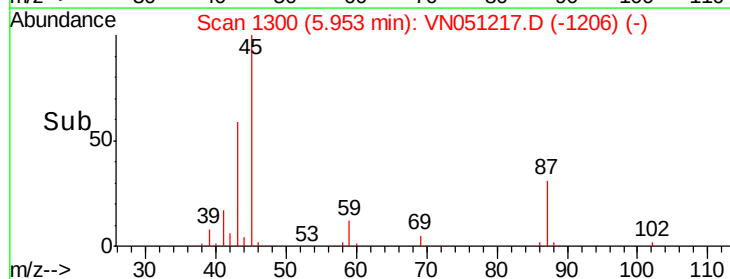
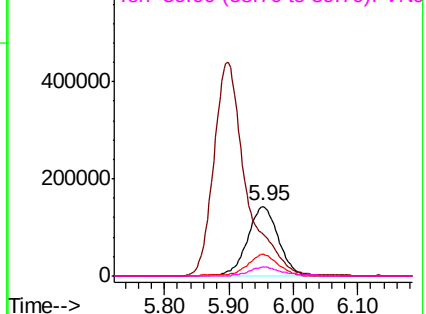
Abundance

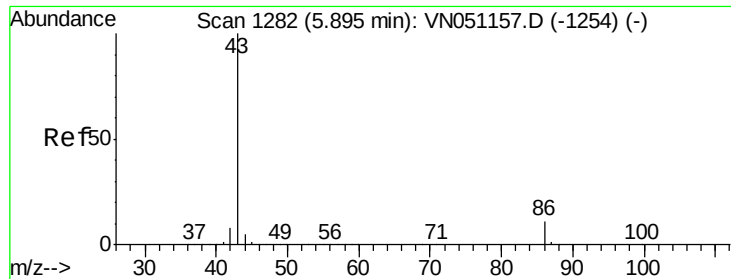
Ion 45.00 (44.70 to 45.70): VNO

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

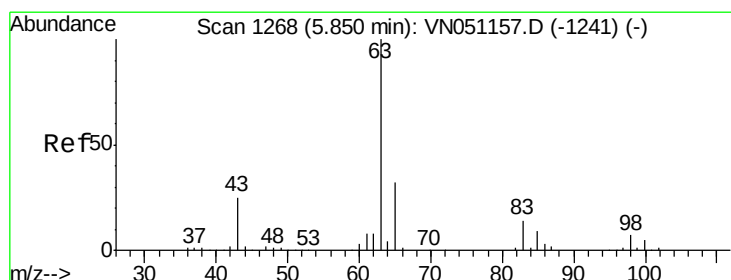
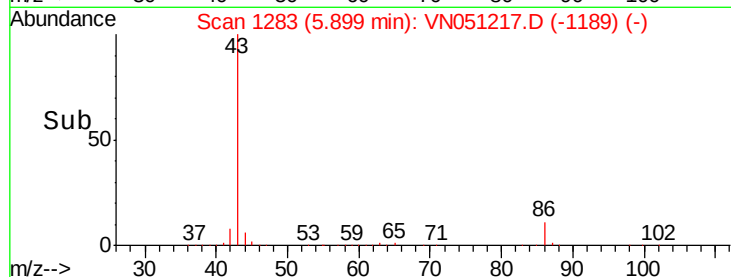
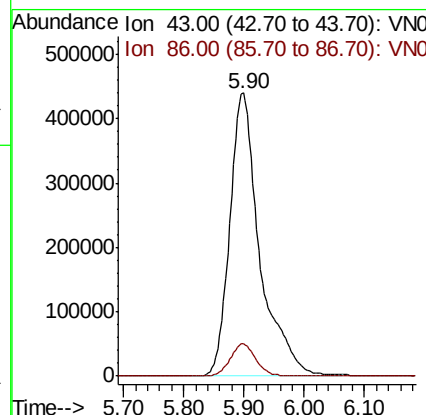
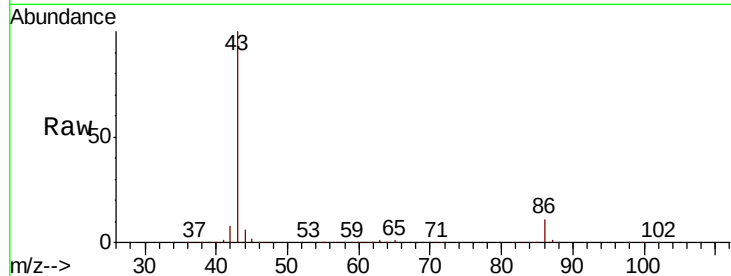




#23  
 Vinyl Acetate  
 Concen: 97.76 ug/l  
 RT: 5.90 min Scan# 1283  
 Delta R.T. 0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

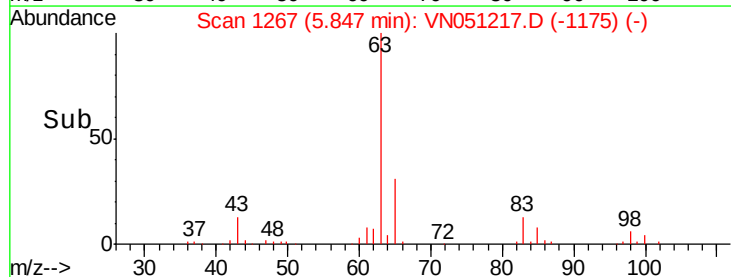
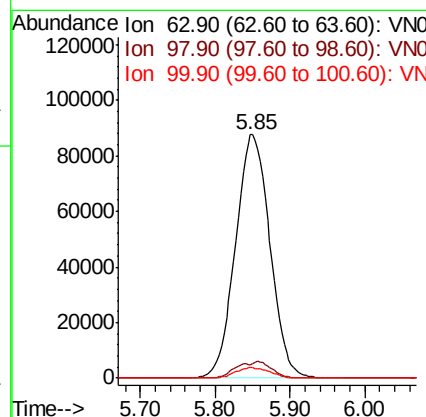
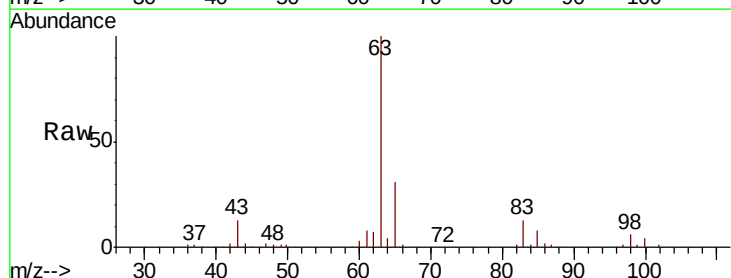
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion: 43 Resp: 1527768  
 Ion Ratio Lower Upper  
 43 100  
 86 11.4 9.2 13.8

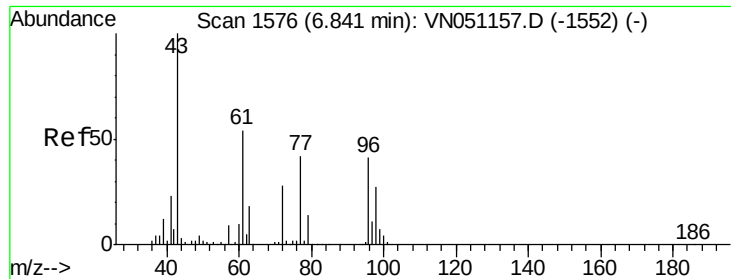


#24  
 1,1-Dichloroethane  
 Concen: 19.10 ug/l  
 RT: 5.85 min Scan# 1267  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

Tgt Ion: 63 Resp: 279803  
 Ion Ratio Lower Upper  
 63 100  
 98 5.7 3.4 10.1  
 100 4.2 2.1 6.3



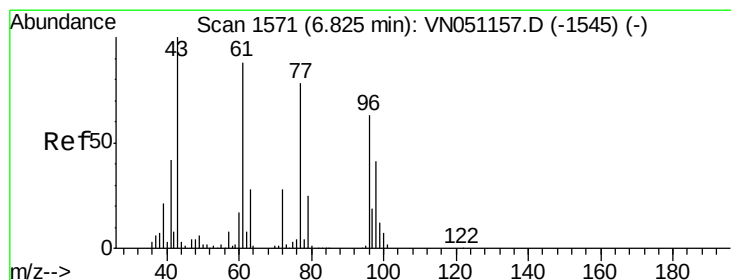
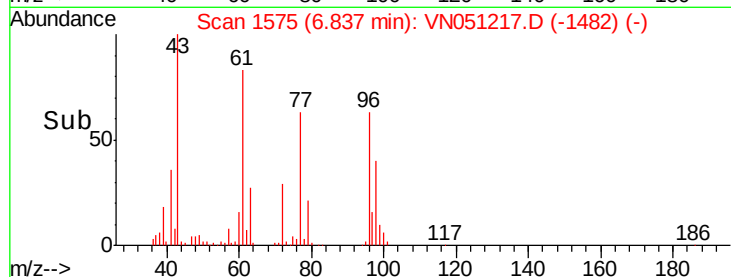
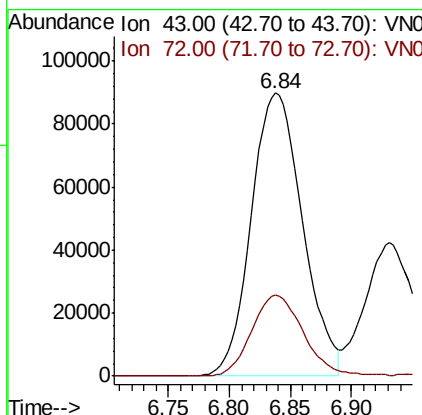
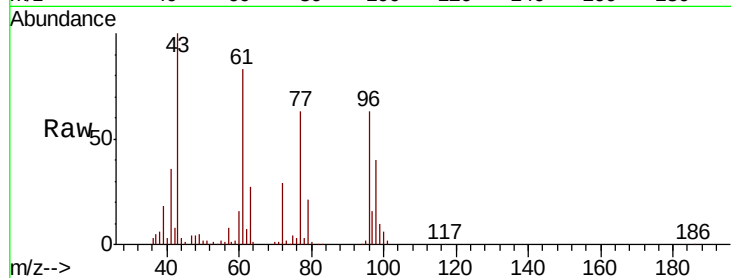




#25  
 2-Butanone  
 Concen: 83.72 ug/l  
 RT: 6.84 min Scan# 1575  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

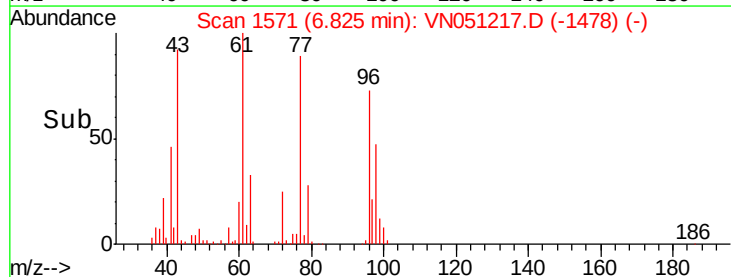
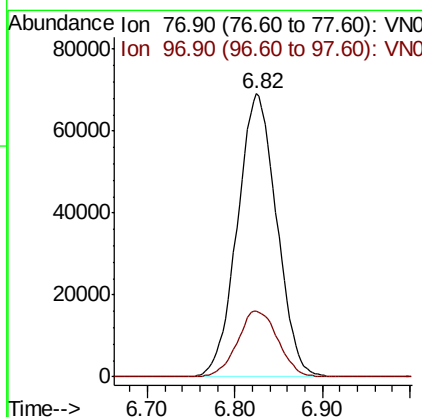
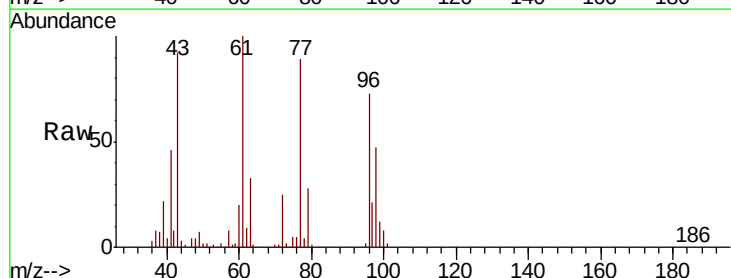
Instrument :  
 MSVOA\_N  
 ClientSampled :

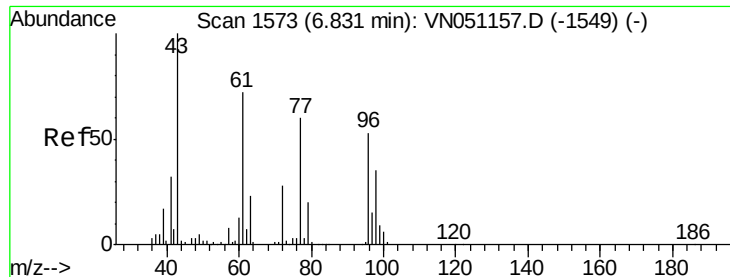
Tot Ion: 43 Resp: 262235  
 Ion Ratio Lower Upper  
 43 100  
 72 28.7 23.0 34.6



#26  
 2,2-Dichloropropane  
 Concen: 17.94 ug/l  
 RT: 6.82 min Scan# 1571  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

Tgt Ion: 77 Resp: 215158  
 Ion Ratio Lower Upper  
 77 100  
 97 24.0 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 19.14 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

ClientSampleId :

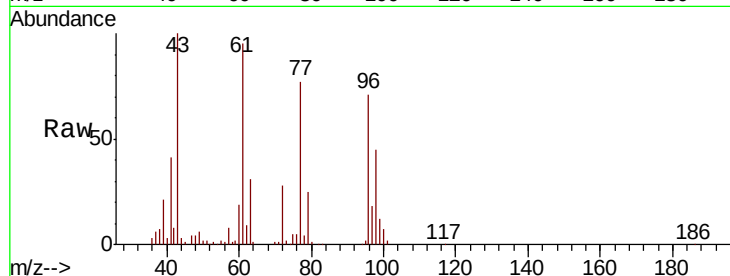
Tot Ion: 96 Resp: 173897

Ion Ratio Lower Upper

96 100

61 136.9 0.0 278.2

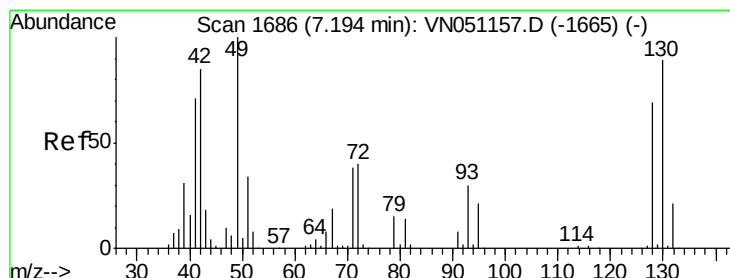
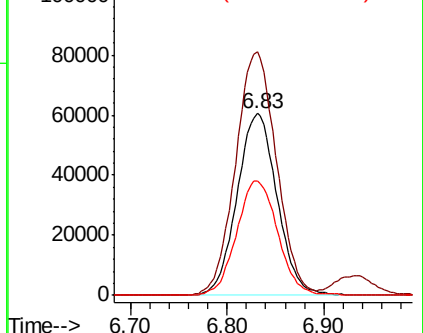
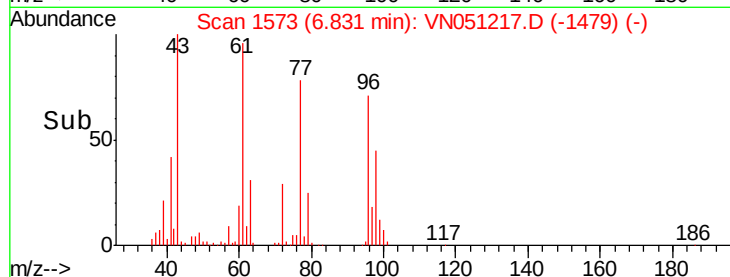
98 65.0 0.0 129.4



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: 18.01 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

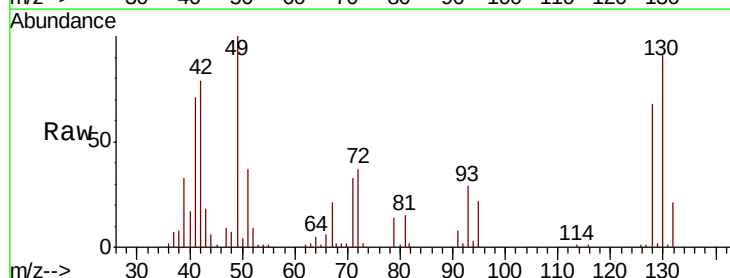
Tgt Ion: 49 Resp: 117425

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

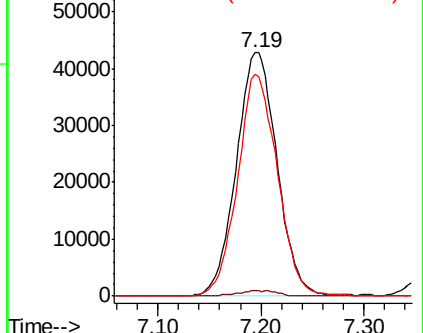
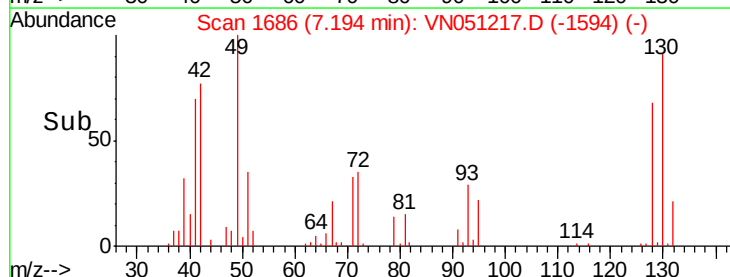
130 89.4 70.7 106.1

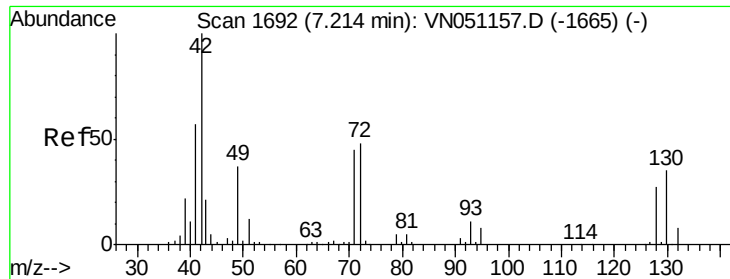


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

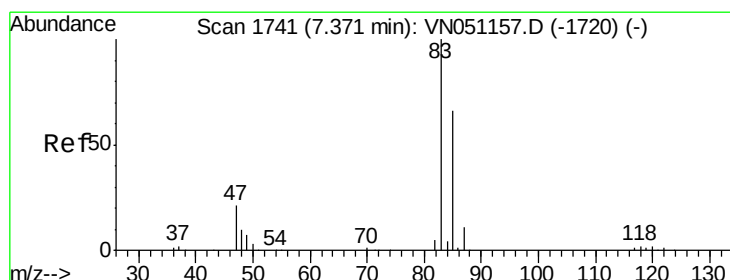
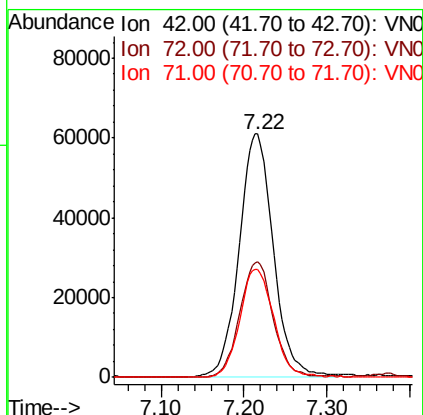
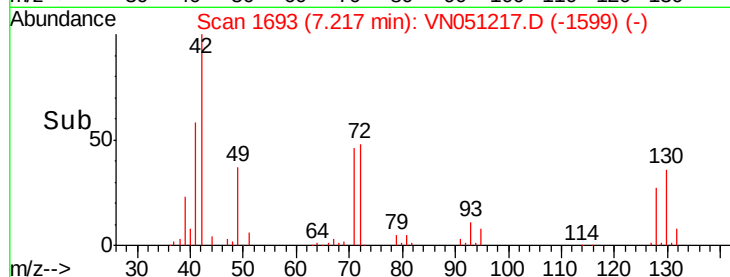
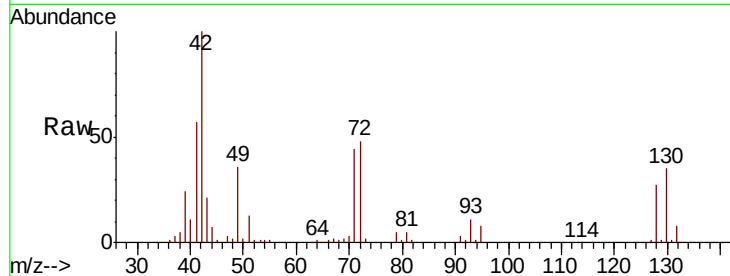




#29  
Tetrahydrofuran  
Concen: 89.90 ug/l  
RT: 7.22 min Scan# 1693  
Delta R.T. 0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

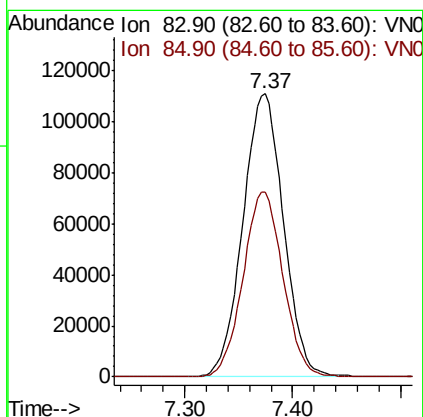
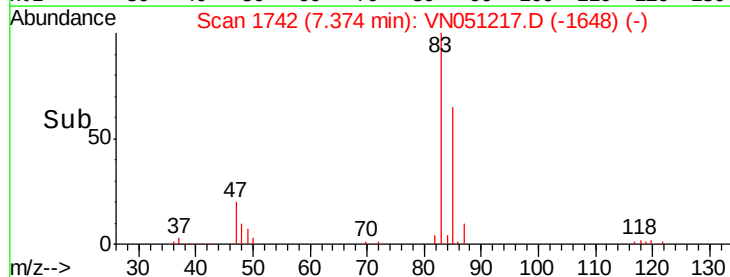
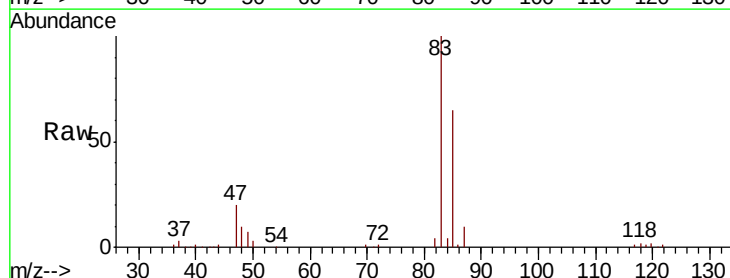
Instrument :  
MSVOA\_N  
ClientSampled :

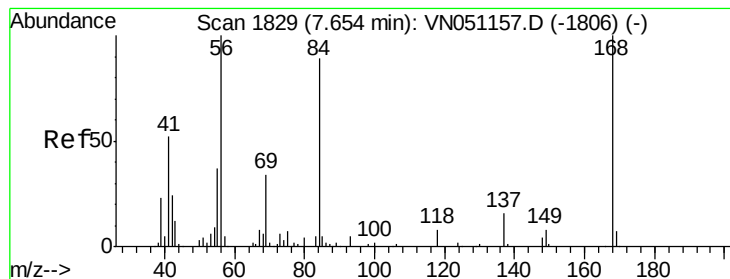
Tot Ion: 42 Resp: 175839  
Ion Ratio Lower Upper  
42 100  
72 45.8 37.4 56.0  
71 43.8 34.7 52.1



#30  
Chloroform  
Concen: 19.89 ug/l  
RT: 7.37 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

Tgt Ion: 83 Resp: 289936  
Ion Ratio Lower Upper  
83 100  
85 65.1 52.6 79.0





#31

Cyclohexane

Concen: 17.70 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :  
MSVOA\_N  
ClientSampled :

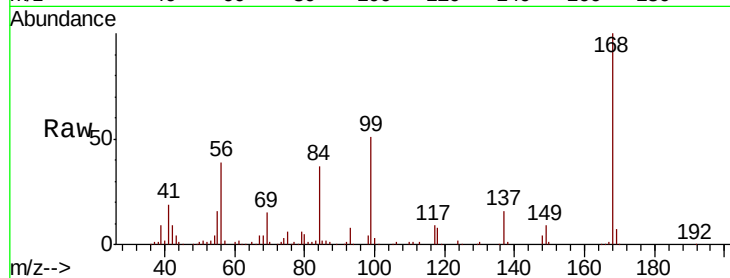
Tot Ion: 56 Resp: 233175

Ion Ratio Lower Upper

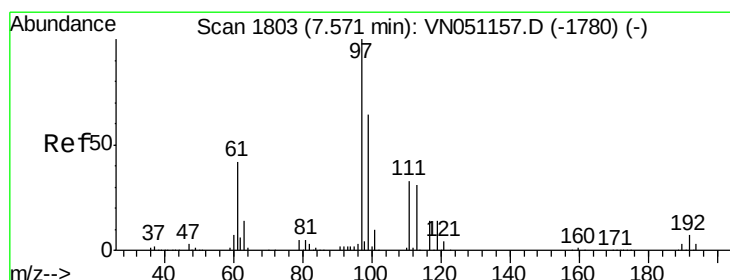
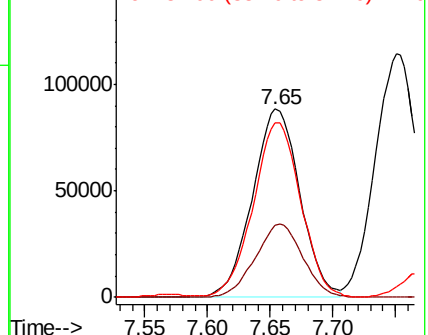
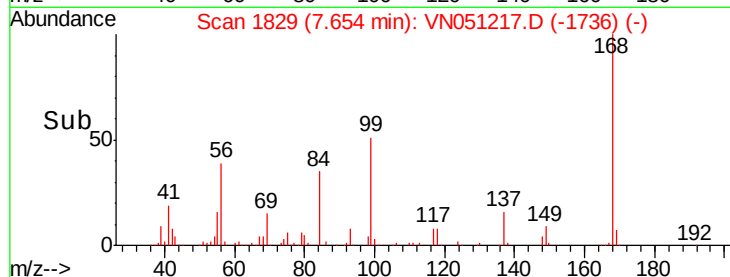
56 100

69 38.2 26.3 39.5

84 91.8 69.4 104.0



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



#32

1,1,1-Trichloroethane

Concen: 18.87 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

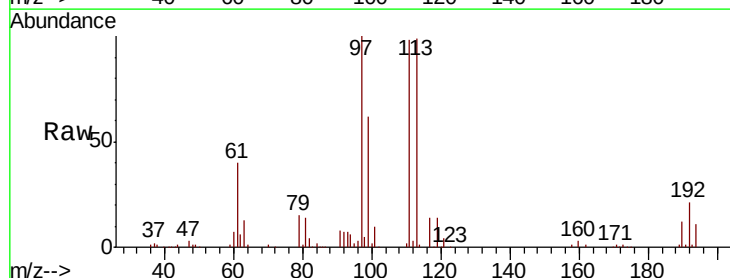
Tgt Ion: 97 Resp: 234413

Ion Ratio Lower Upper

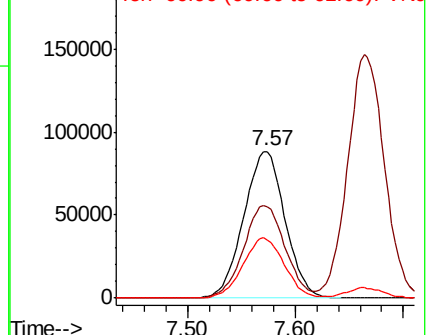
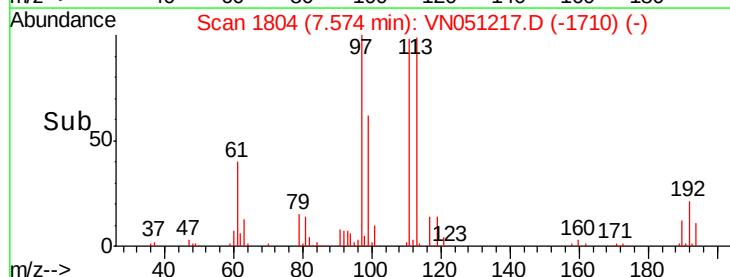
97 100

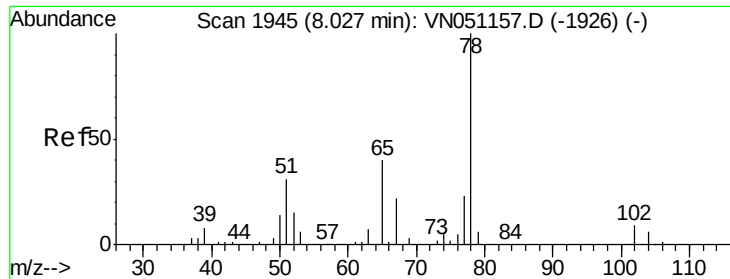
99 63.9 51.6 77.4

61 41.2 33.8 50.6



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

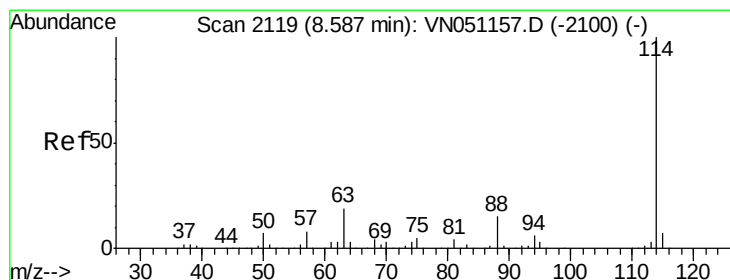
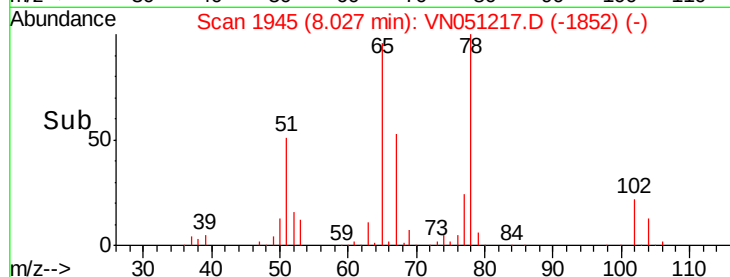
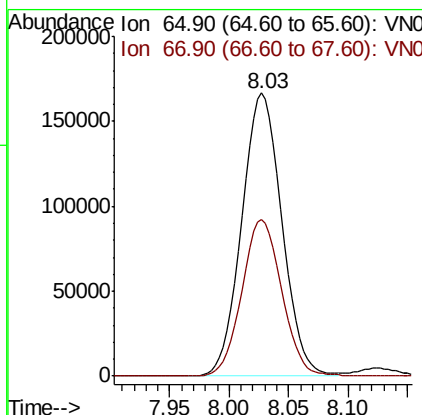
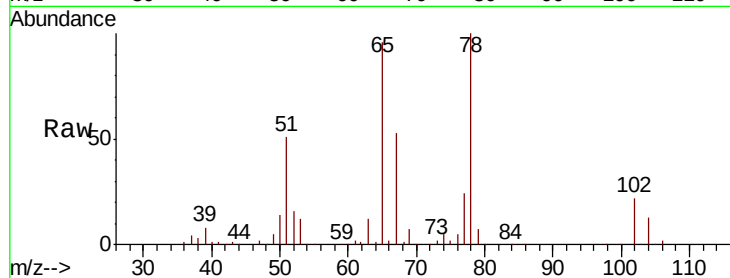




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.98 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

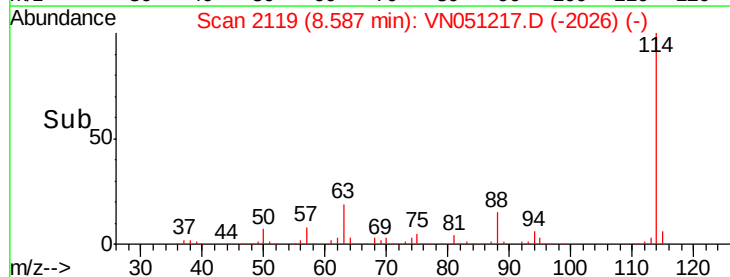
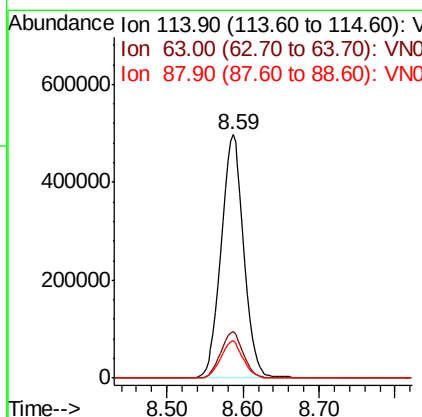
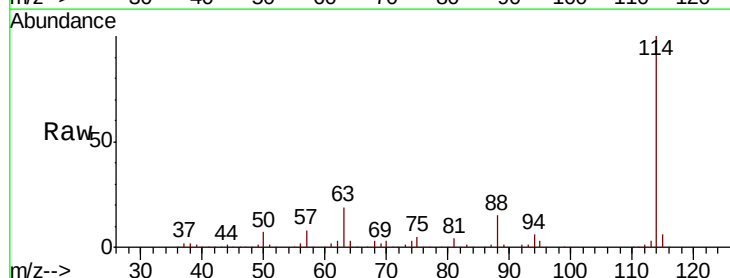
Instrument :  
 MSVOA\_N  
 ClientSampleId :

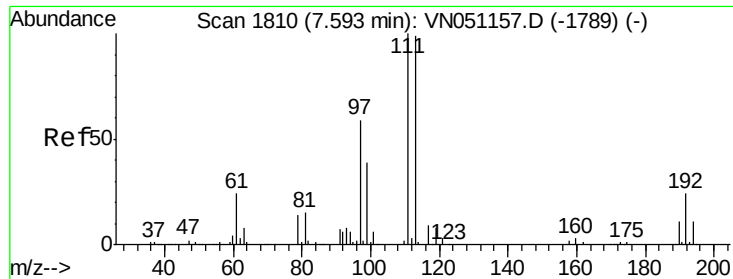
Tot Ion: 65 Resp: 390201  
 Ion Ratio Lower Upper  
 65 100  
 67 54.8 0.0 112.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

Tgt Ion: 114 Resp: 1031268  
 Ion Ratio Lower Upper  
 114 100  
 63 18.9 0.0 37.8  
 88 15.2 0.0 30.8

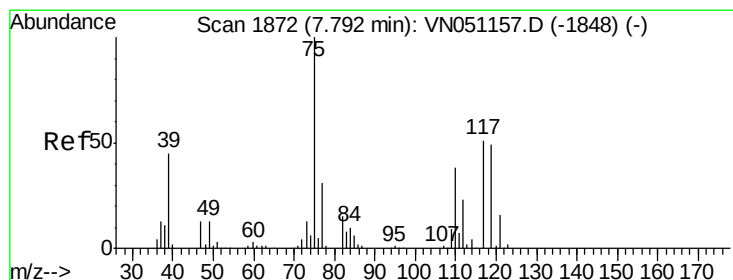
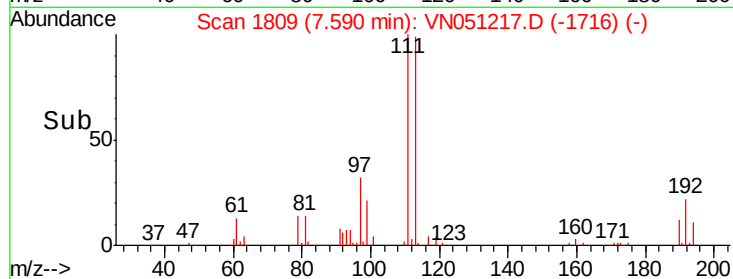
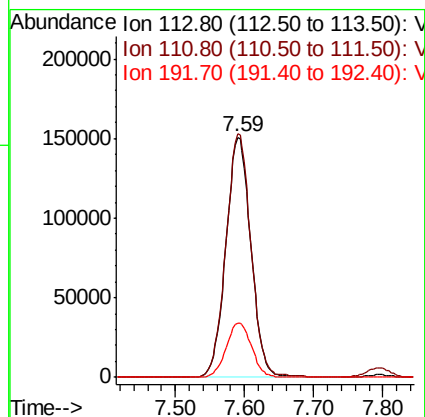
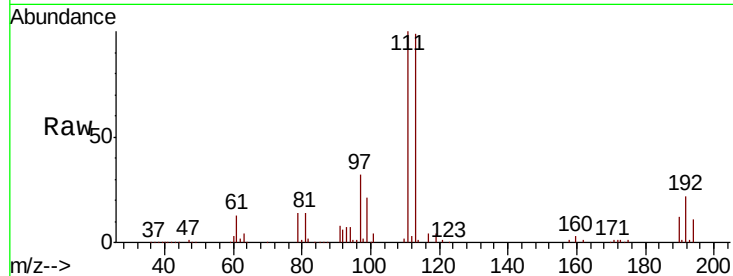




#35  
 Dibromofluoromethane  
 Concen: 49.09 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

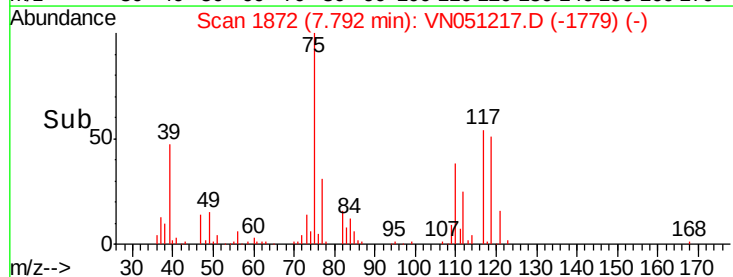
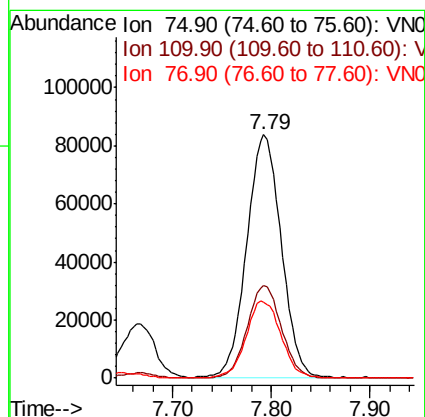
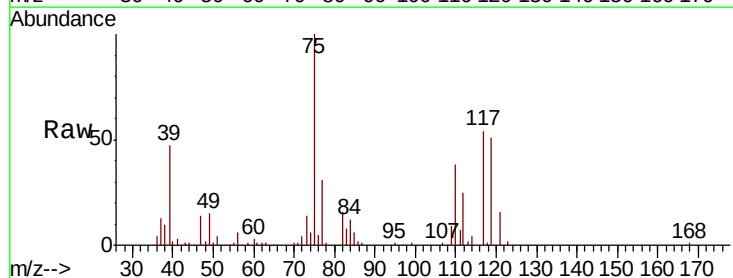
Instrument :  
 MSVOA\_N  
 ClientSampleId :

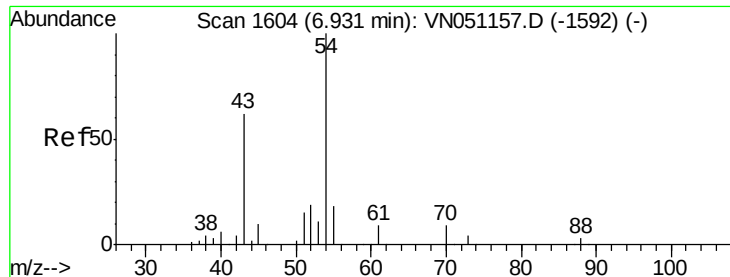
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 100.6 | 83.0  | 124.6 |
| 192     | 23.1  | 18.7  | 28.1  |



#36  
 1,1-Dichloropropene  
 Concen: 17.89 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.6  | 18.6  | 55.8  |
| 77      | 32.3  | 25.2  | 37.8  |

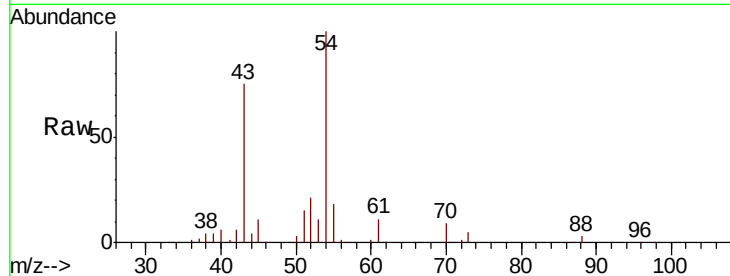




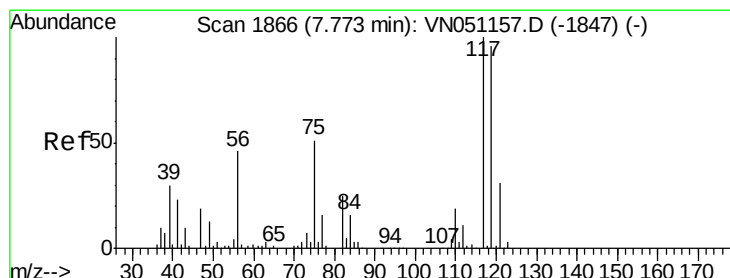
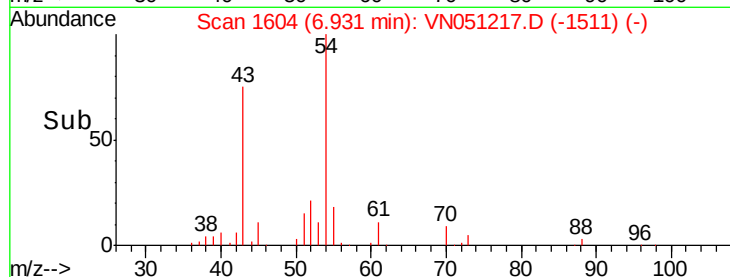
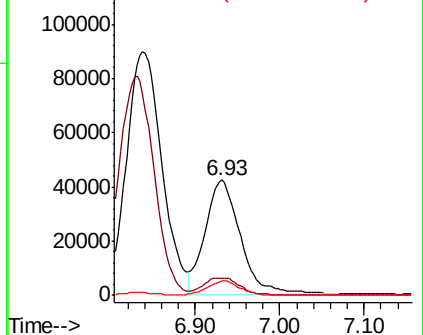
#37  
Ethyl Acetate  
Concen: 18.61 ug/l  
RT: 6.93 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 122049  
Ion Ratio Lower Upper  
43 100  
61 16.3 12.4 18.6  
70 11.5 9.3 13.9

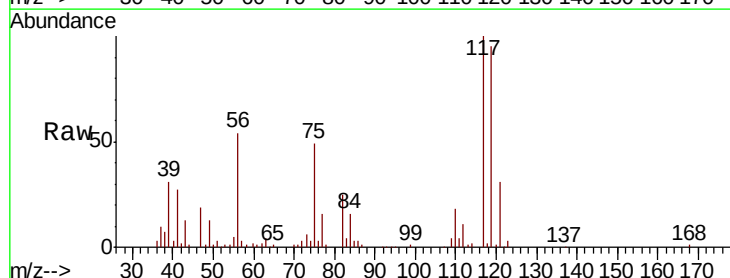


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

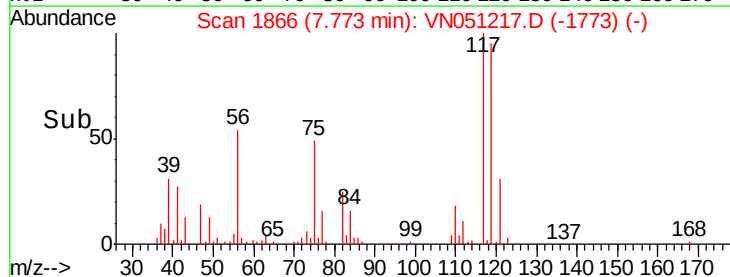
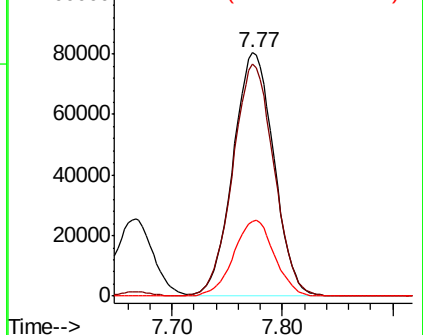


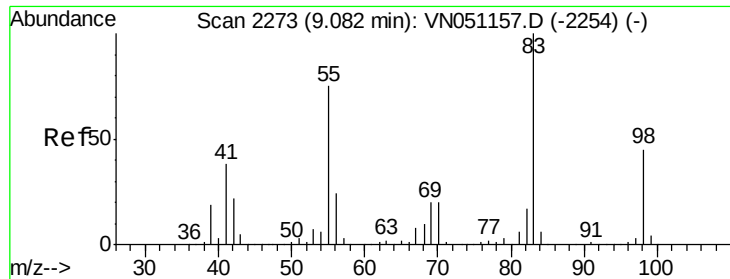
#38  
Carbon Tetrachloride  
Concen: 18.54 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. -0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

Tgt Ion: 117 Resp: 206580  
Ion Ratio Lower Upper  
117 100  
119 95.4 76.8 115.2  
121 30.8 24.6 36.8



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

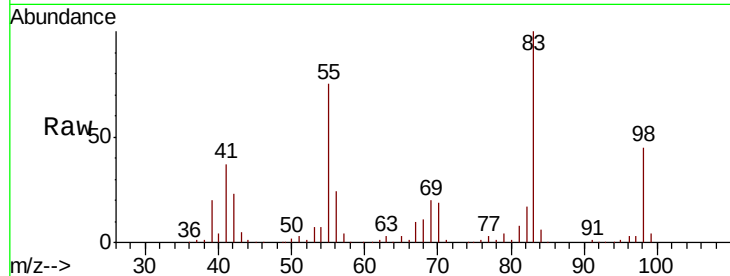




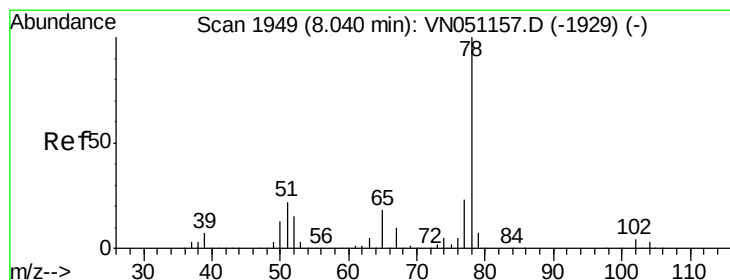
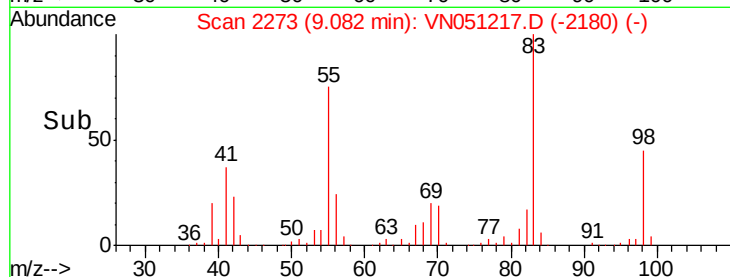
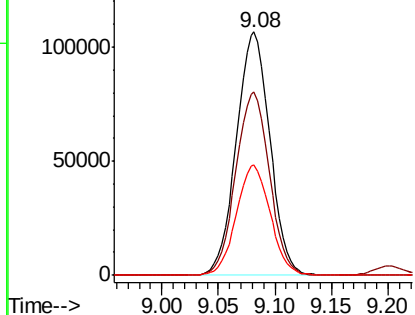
#39  
Methylvlcyclohexane  
Concen: 17.67 ug/l  
RT: 9.08 min Scan# 2273  
Delta R.T. -0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

Instrument :  
MSVOA\_N  
ClientSampled :

| Tot Ion | 83    | Resp  | 220727 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 83      | 100   |       |        |
| 55      | 75.4  | 58.4  | 87.6   |
| 98      | 45.3  | 37.3  | 55.9   |

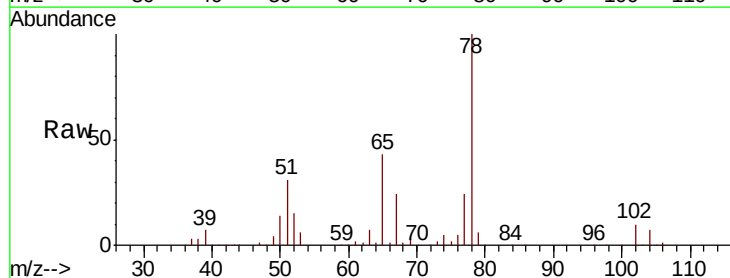


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

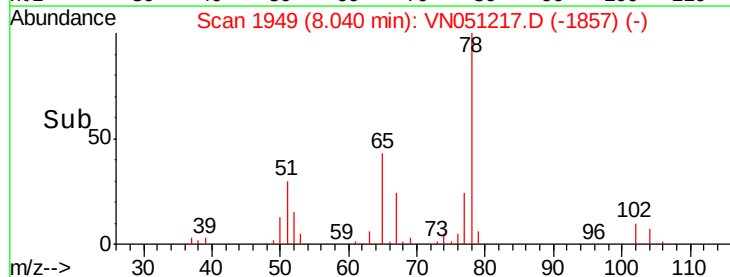
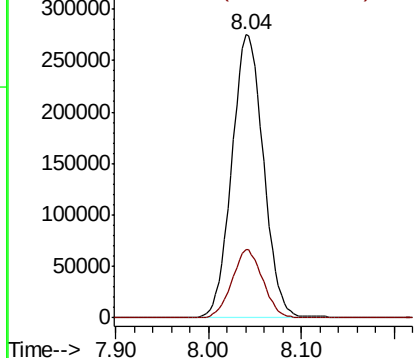


#40  
Benzene  
Concen: 19.12 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. -0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

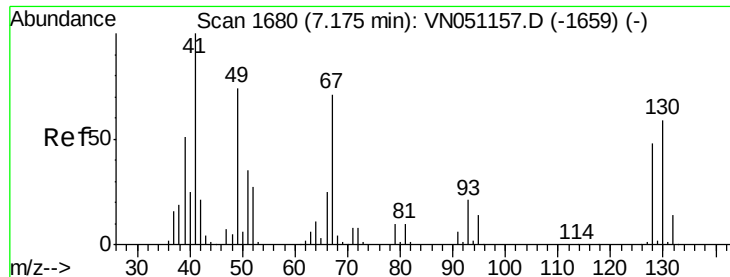
| Tgt Ion | 78    | Resp  | 652272 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 78      | 100   |       |        |
| 77      | 24.0  | 18.6  | 27.8   |



Abundance Ion 78.00 (77.70 to 78.70): VN0  
Ion 77.00 (76.70 to 77.70): VN0







#41

Methacrylonitrile

Concen: 18.60 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 41 Resp: 62943

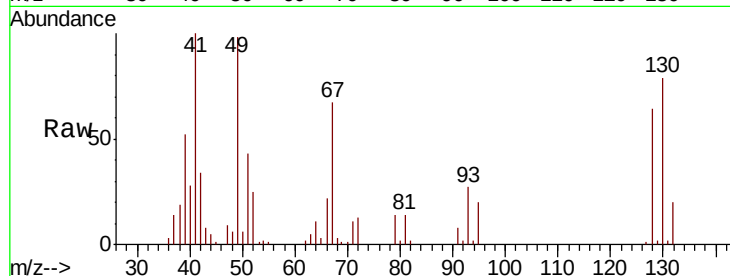
Ion Ratio Lower Upper

41 100

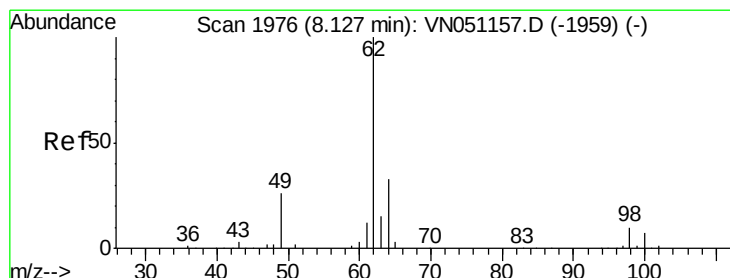
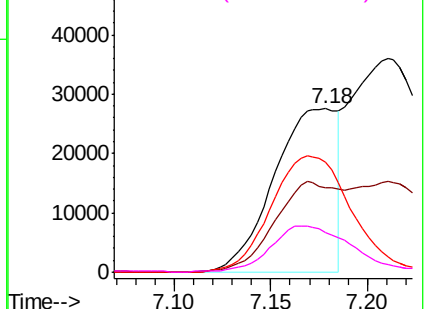
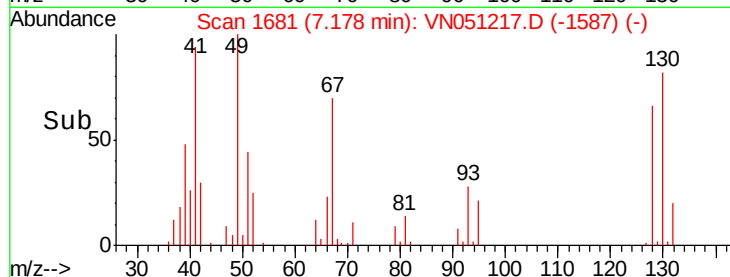
39 57.1 51.3 76.9

67 91.0 78.5 117.7

52 36.9 29.0 43.6



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



#42

1,2-Dichloroethane

Concen: 20.21 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN051217.D

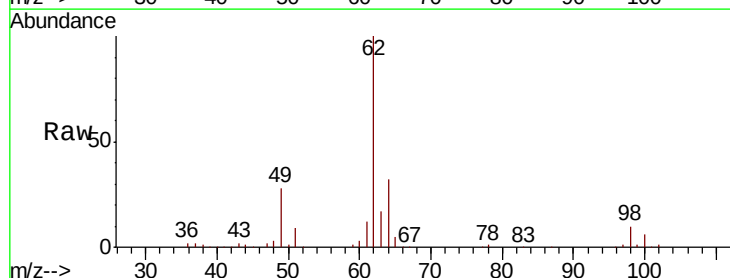
Acq: 15 Sep 2018 12:57

Tgt Ion: 62 Resp: 201015

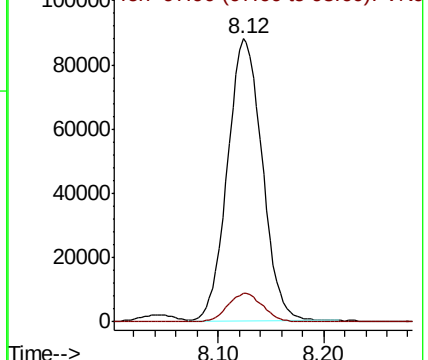
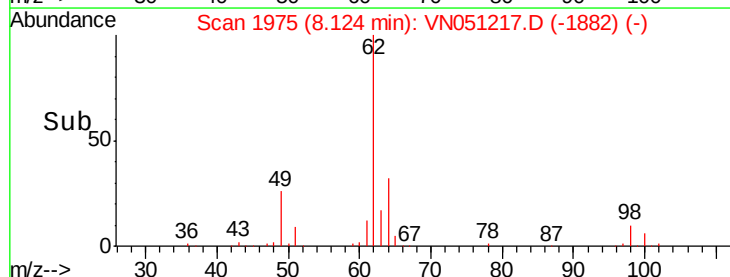
Ion Ratio Lower Upper

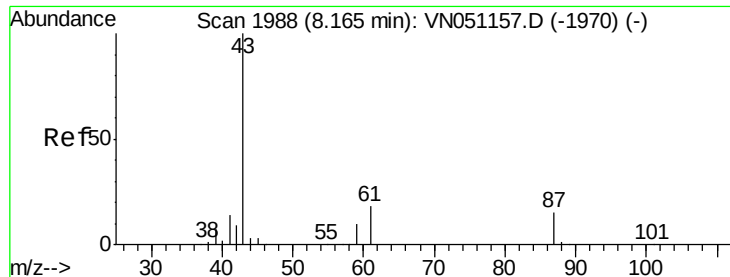
62 100

98 10.2 0.0 21.0



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





#43

Isopropyl Acetate

Concen: 18.60 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

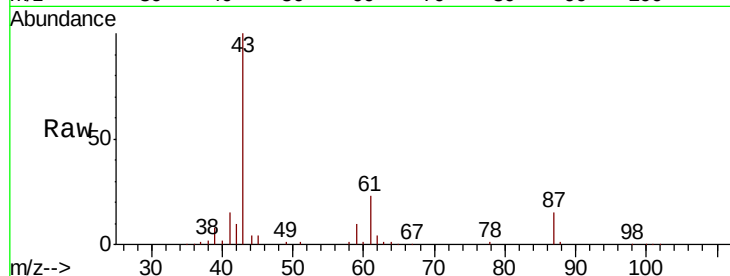
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 43 Resp: 215159

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 22.3  | 25.0  | 37.6# |
| 87  | 14.7  | 11.8  | 17.8  |

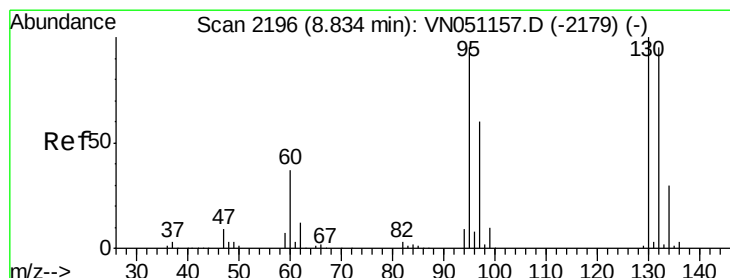
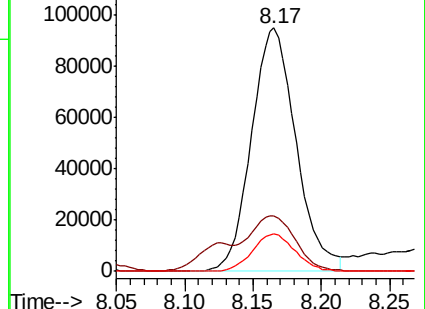
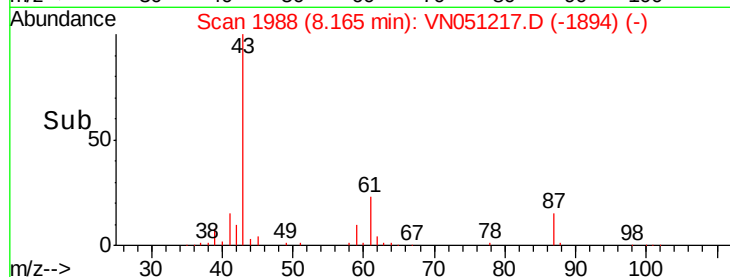


Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051157.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051157.D (-1970) (-)

Time--> 8.05 8.10 8.15 8.20 8.25



#44

Trichloroethene

Concen: 18.44 ug/l

RT: 8.84 min Scan# 2197

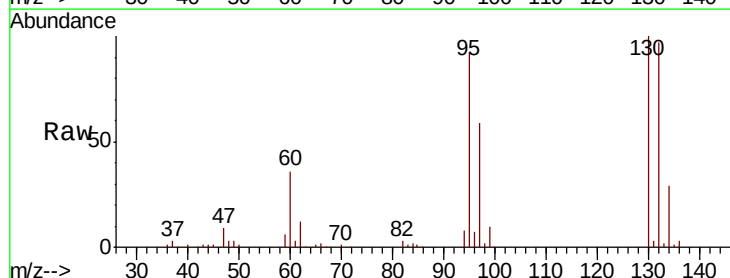
Delta R.T. 0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Tgt Ion: 130 Resp: 172064

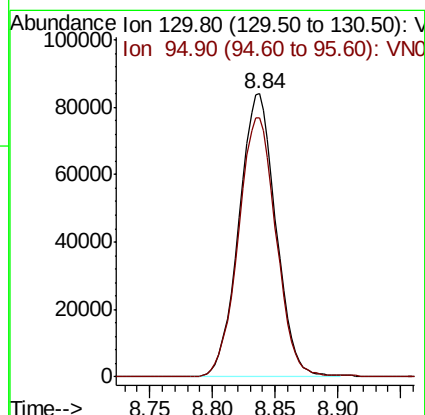
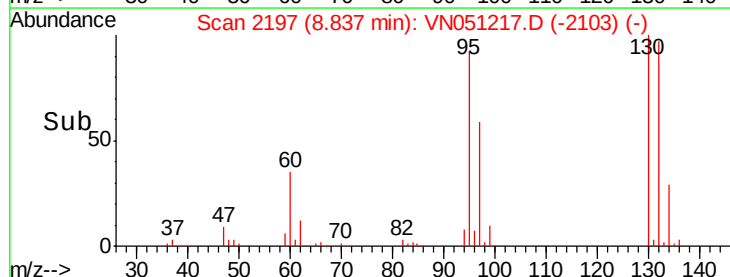
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 91.7  | 0.0   | 186.2 |

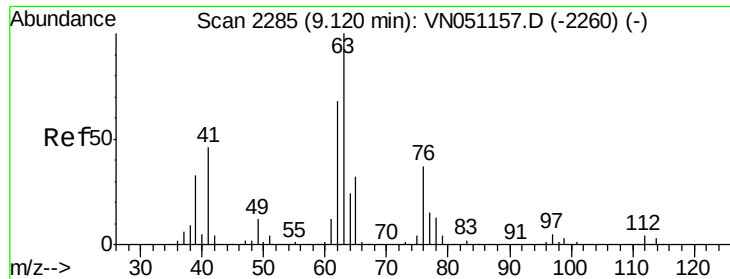


Abundance Ion 129.80 (129.50 to 130.50): VN051157.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051157.D (-2179) (-)

Time--> 8.75 8.80 8.85 8.90

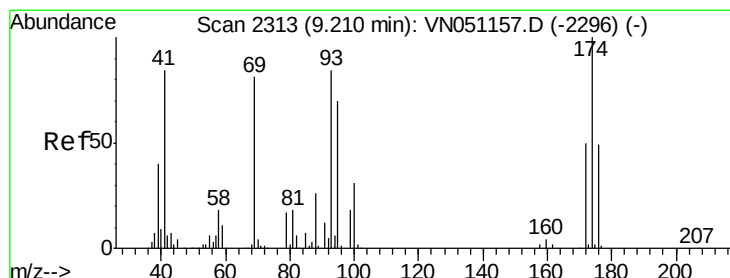
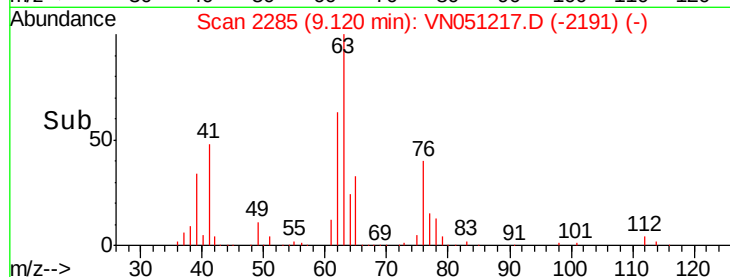
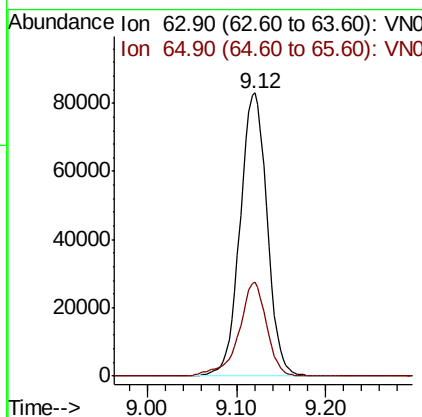
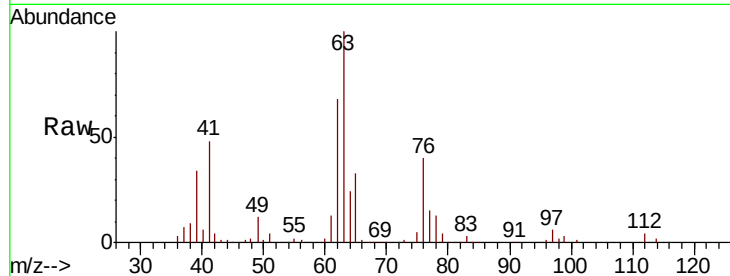




#45  
 1,2-Dichloropropane  
 Concen: 19.85 ug/l  
 RT: 9.12 min Scan# 2285  
 Delta R.T. 0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

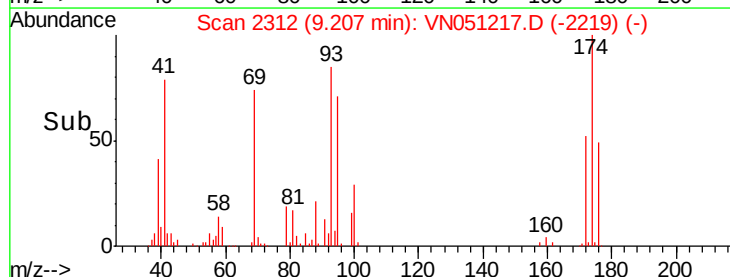
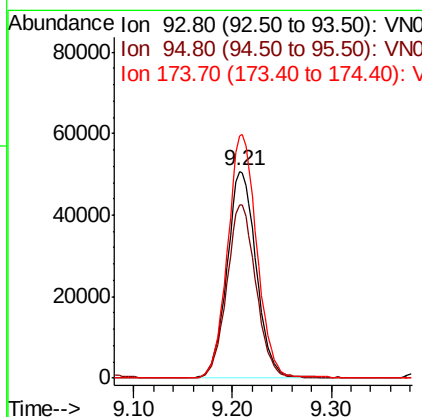
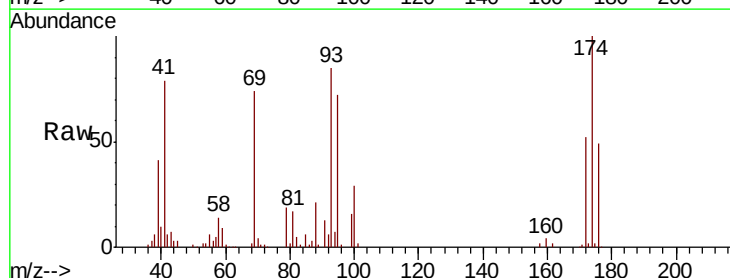
Instrument :  
 MSVOA\_N  
 ClientSampled :

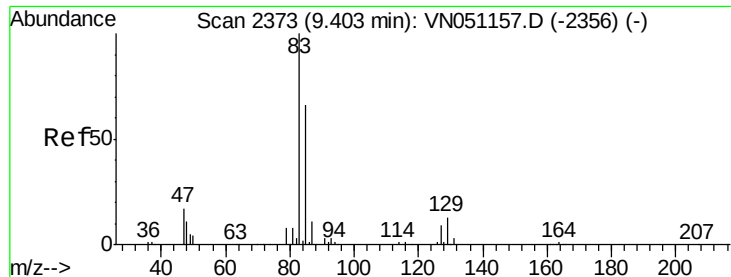
Tot Ion: 63 Resp: 174974  
 Ion Ratio Lower Upper  
 63 100  
 65 33.2 24.7 37.1



#46  
 Dibromomethane  
 Concen: 19.49 ug/l  
 RT: 9.21 min Scan# 2312  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

Tgt Ion: 93 Resp: 104828  
 Ion Ratio Lower Upper  
 93 100  
 95 83.5 66.8 100.2  
 174 117.7 93.3 139.9

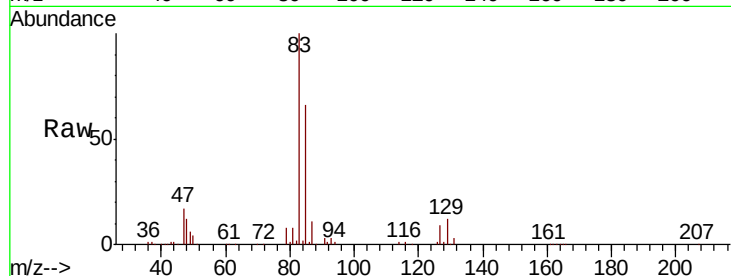




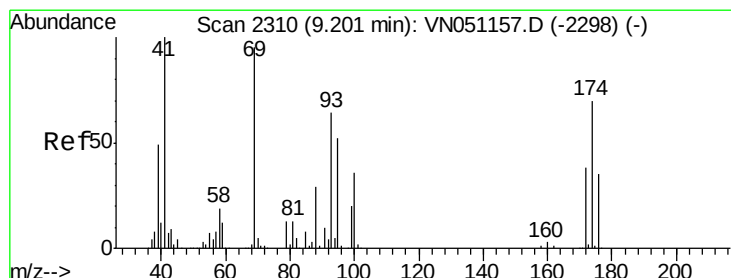
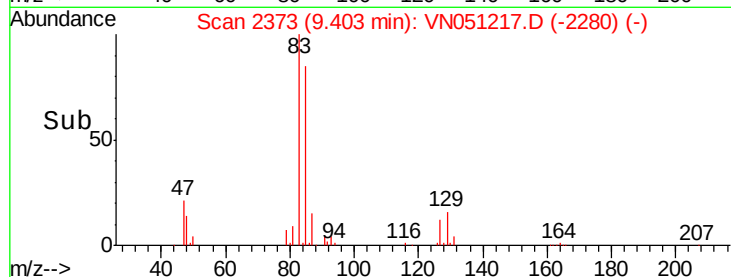
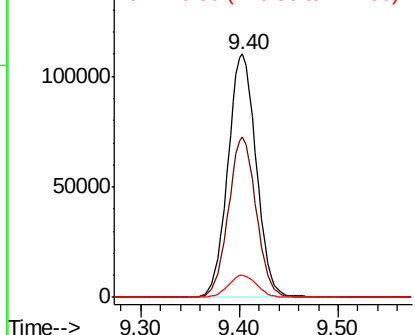
#47  
Bromodichloromethane  
Concen: 20.22 ug/l  
RT: 9.40 min Scan# 2373  
Delta R.T. -0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 83 Resp: 221158  
Ion Ratio Lower Upper  
83 100  
85 65.6 52.3 78.5  
127 9.4 7.5 11.3

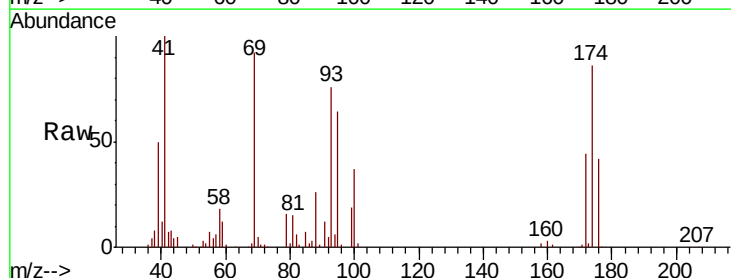


Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): V

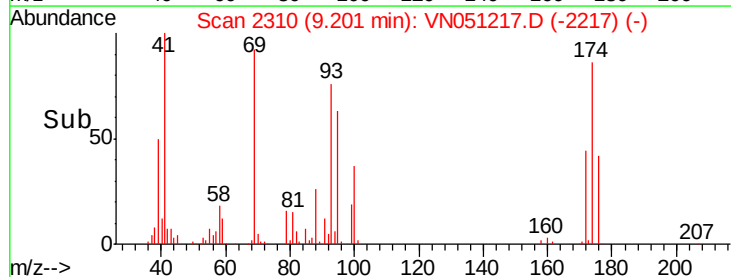
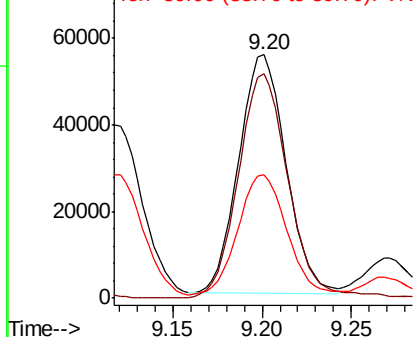


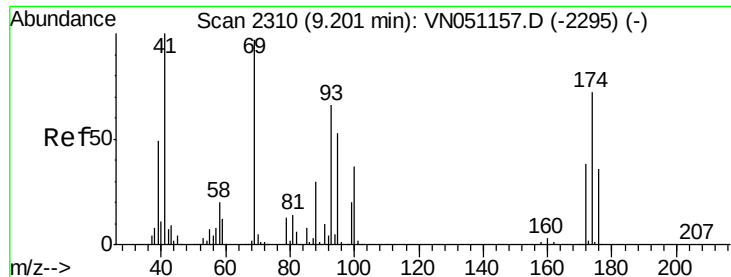
#48  
Methyl methacrylate  
Concen: 18.12 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. -0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

Tgt Ion: 41 Resp: 102153  
Ion Ratio Lower Upper  
41 100  
69 99.2 77.7 116.5  
39 54.4 41.6 62.4



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

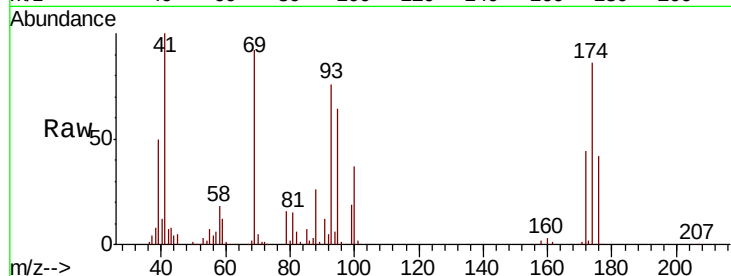




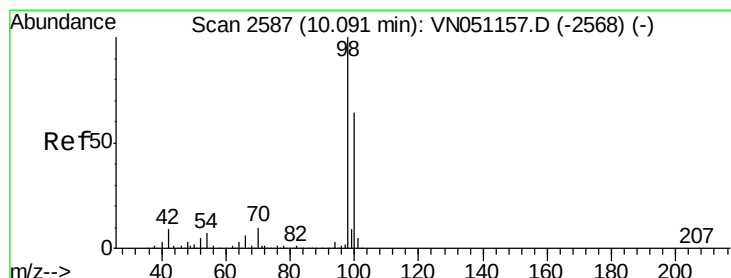
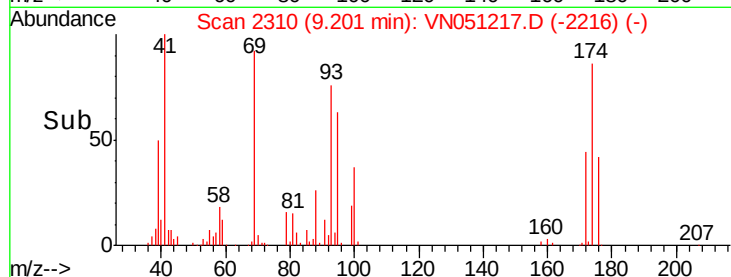
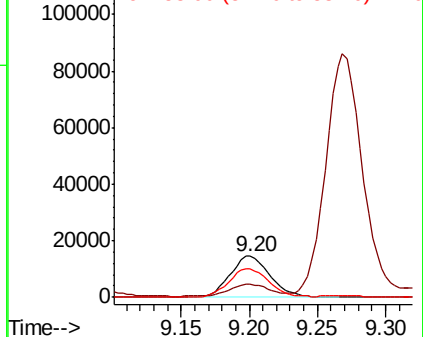
#49  
1,4-Dioxane  
Concen: 336.03 ug/l  
RT: 9.20 min Scan# 2310  
Delta R.T. 0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 88 Resp: 29712  
Ion Ratio Lower Upper  
88 100  
43 30.1 23.7 35.5  
58 70.2 54.6 82.0

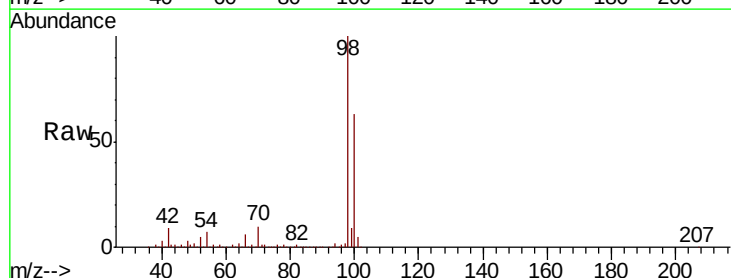


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

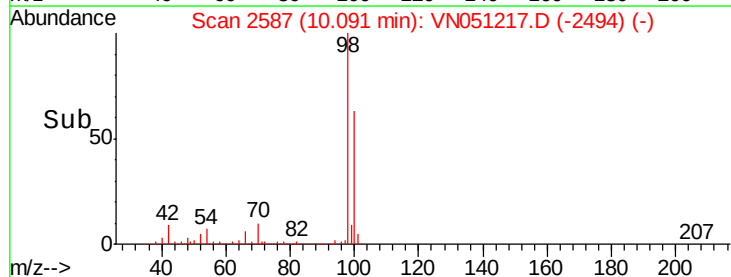
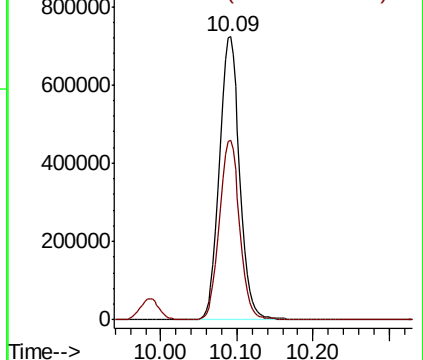


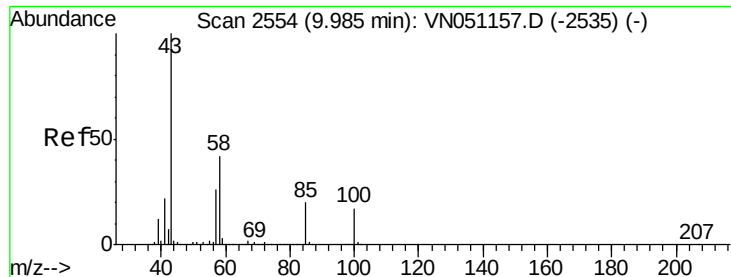
#50  
Toluene-d8  
Concen: 45.55 ug/l  
RT: 10.09 min Scan# 2587  
Delta R.T. -0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

Tgt Ion: 98 Resp: 1339504  
Ion Ratio Lower Upper  
98 100  
100 63.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0  
Ion 100.00 (99.70 to 100.70): VN0

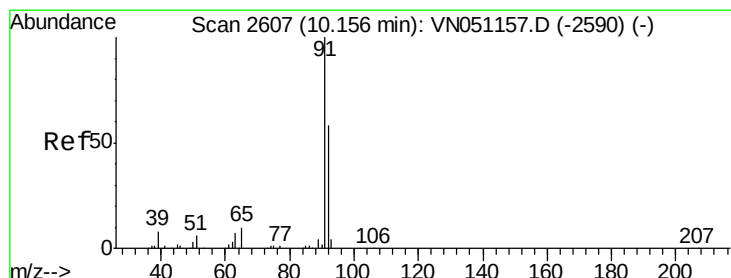
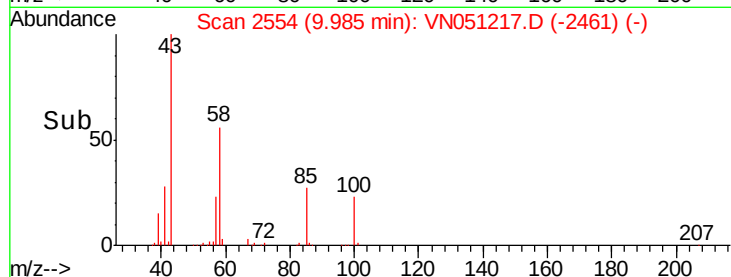
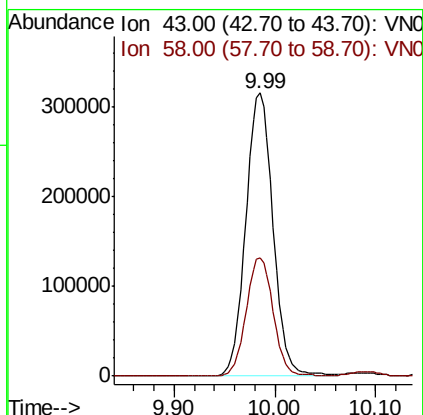
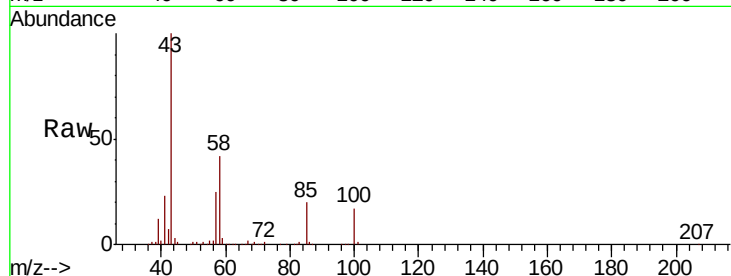




#51  
 4-Methyl-2-Pentanone  
 Concen: 91.27 ug/l  
 RT: 9.99 min Scan# 2554  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

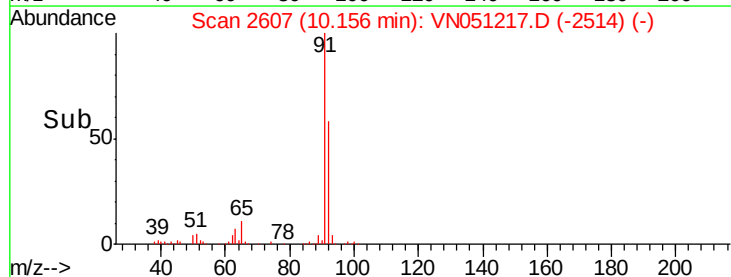
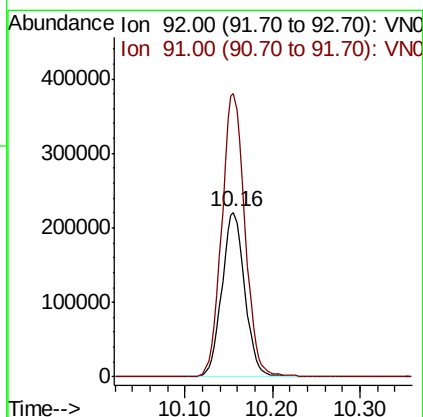
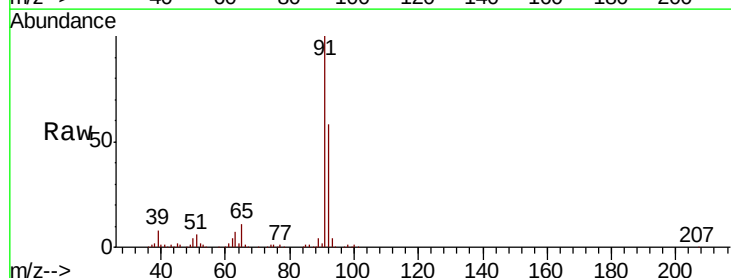
Instrument :  
 MSVOA\_N  
 ClientSampleId :

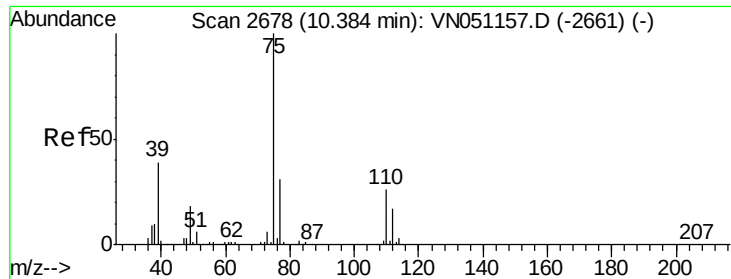
Tot Ion: 43 Resp: 584004  
 Ion Ratio Lower Upper  
 43 100  
 58 41.7 33.5 50.3



#52  
 Toluene  
 Concen: 19.36 ug/l  
 RT: 10.16 min Scan# 2607  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

Tgt Ion: 92 Resp: 402764  
 Ion Ratio Lower Upper  
 92 100  
 91 174.2 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 19.53 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

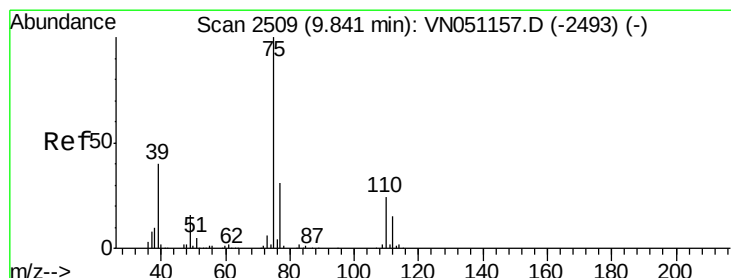
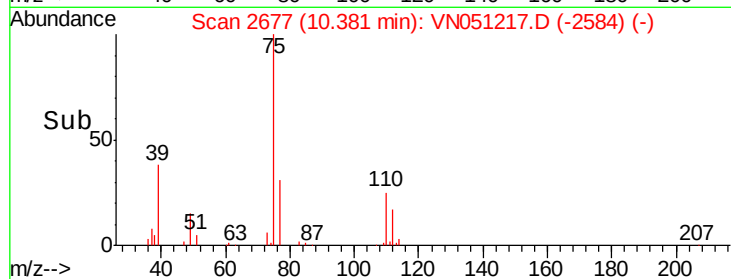
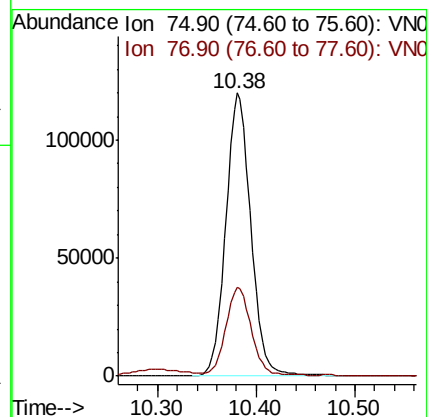
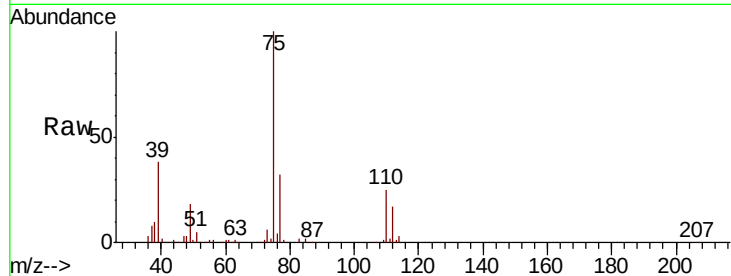
ClientSampled :

Tot Ion: 75 Resp: 213750

Ion Ratio Lower Upper

75 100

77 31.3 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 19.80 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

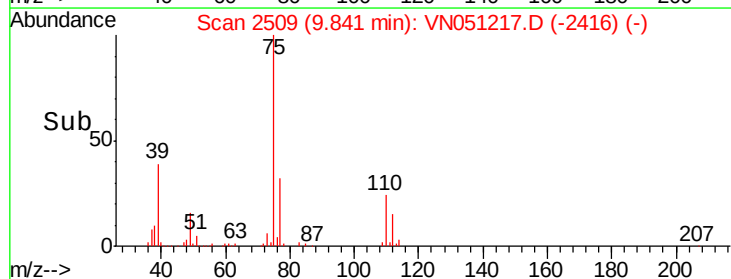
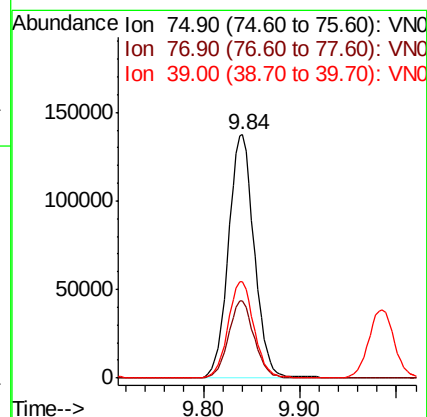
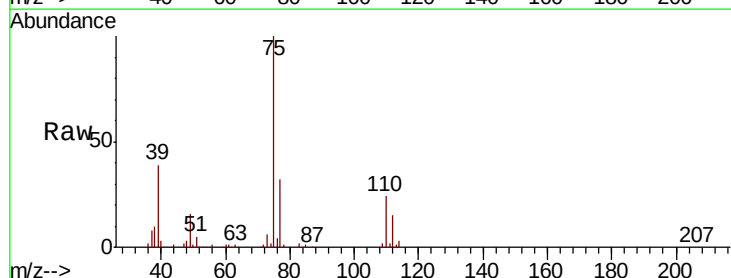
Tgt Ion: 75 Resp: 254108

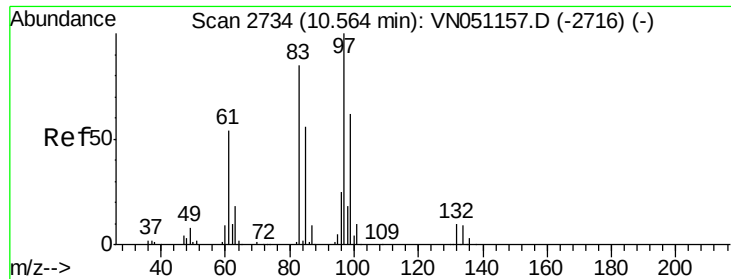
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

39 39.5 31.9 47.9

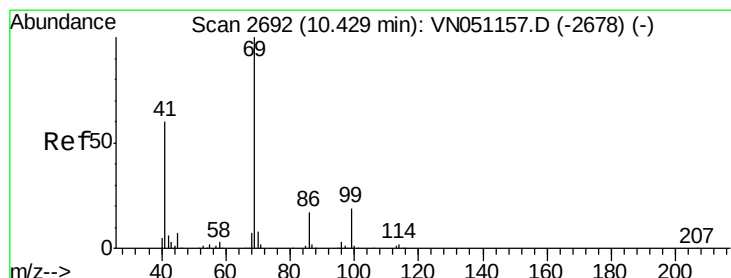
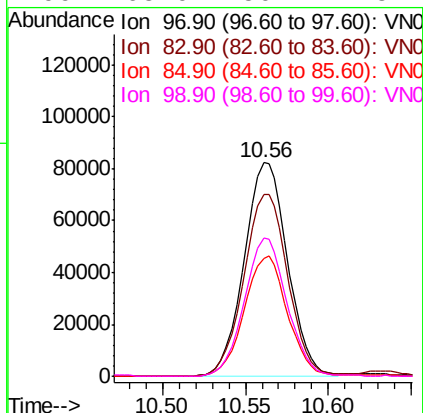
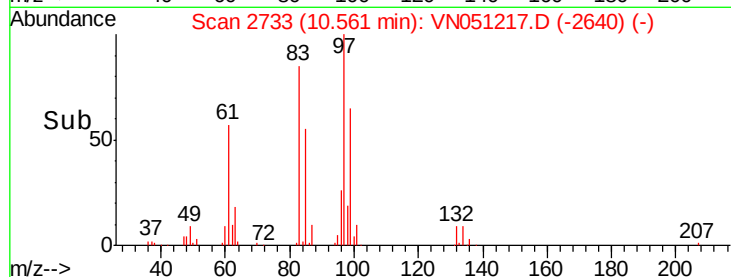
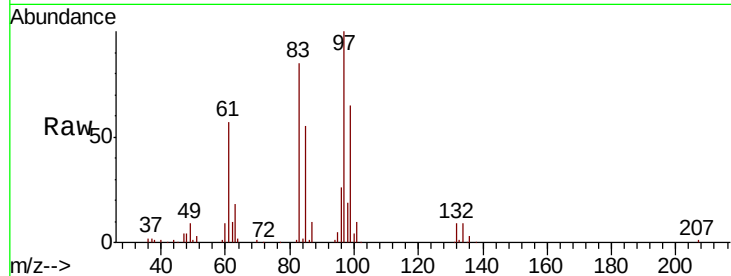




#55  
 1,1,2-Trichloroethane  
 Concen: 19.81 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

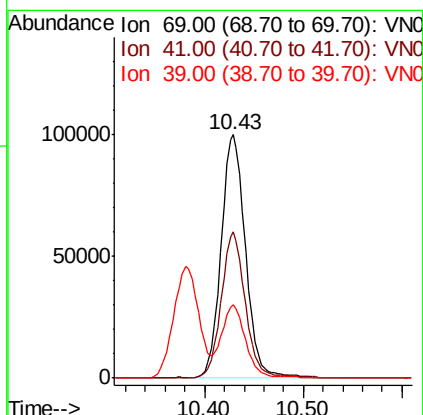
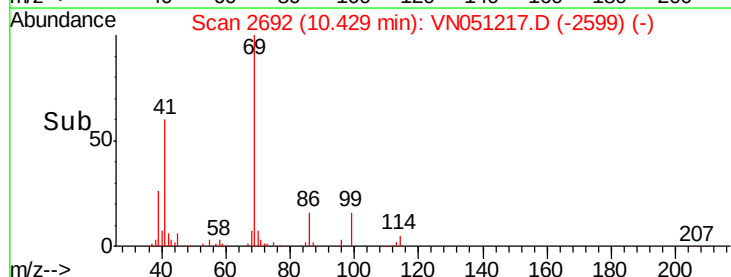
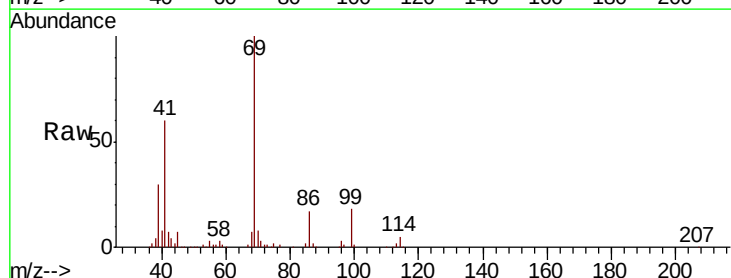
Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | 97    | Resp  | 149729 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 97      | 100   |       |        |
| 83      | 85.2  | 68.2  | 102.2  |
| 85      | 55.3  | 44.8  | 67.2   |
| 99      | 65.0  | 50.2  | 75.4   |

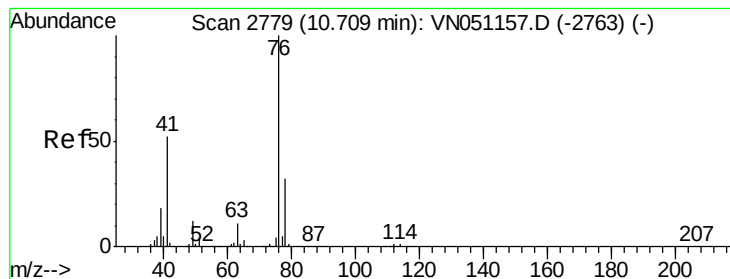


#56  
 Ethyl methacrylate  
 Concen: 18.72 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

| Tgt Ion | 69    | Resp  | 173447 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 69      | 100   |       |        |
| 41      | 59.9  | 47.8  | 71.8   |
| 39      | 29.9  | 23.0  | 34.4   |







#57

1,3-Dichloropropane

Concen: 19.69 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

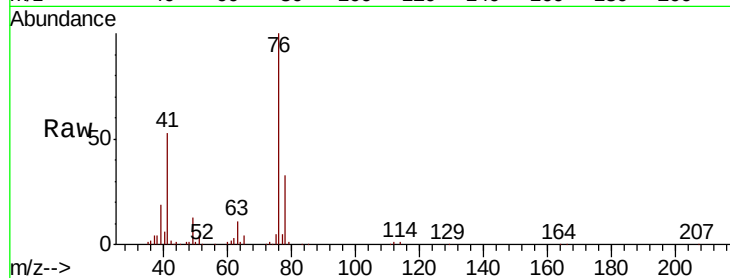
ClientSampled :

Tot Ion: 76 Resp: 246672

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN051217.D (-2685) (-)

Ion 77.90 (77.60 to 78.60): VN051217.D (-2685) (-)

10.71

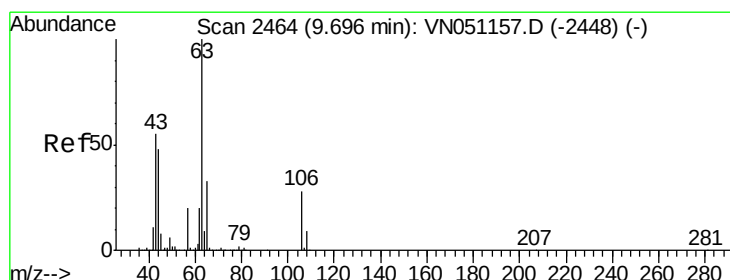
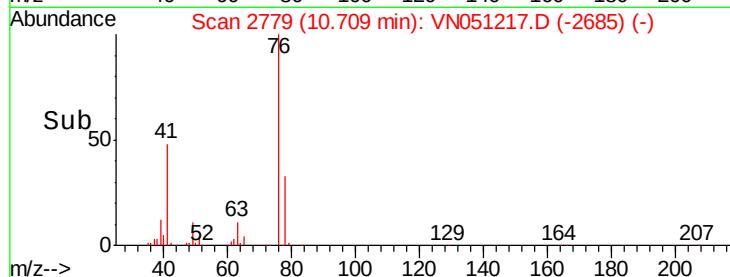
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 86.93 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051217.D

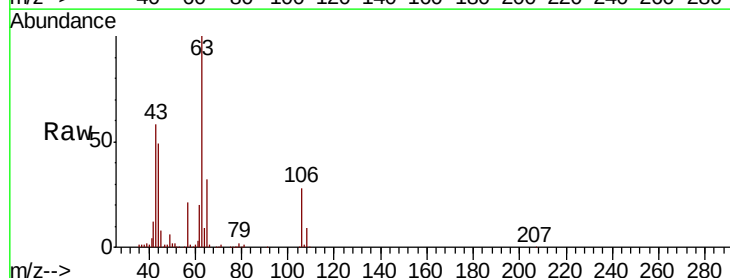
Acq: 15 Sep 2018 12:57

Tgt Ion: 63 Resp: 325543

Ion Ratio Lower Upper

63 100

106 27.9 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VN051217.D (-2369) (-)

Ion 105.90 (105.60 to 106.60): VN051217.D (-2369) (-)

9.70

200000

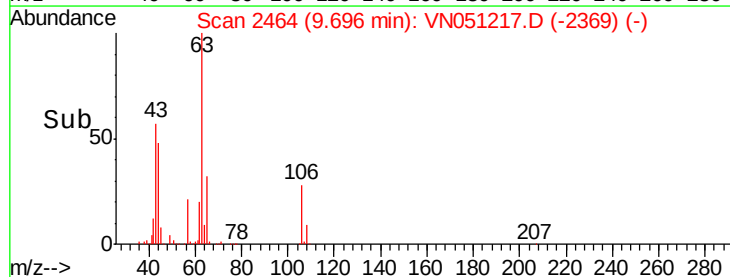
150000

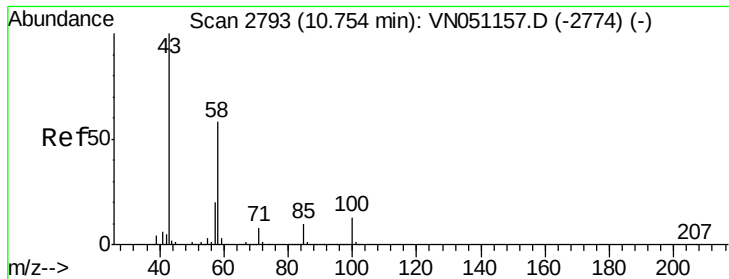
100000

50000

0

Time--> 9.60 9.70 9.80

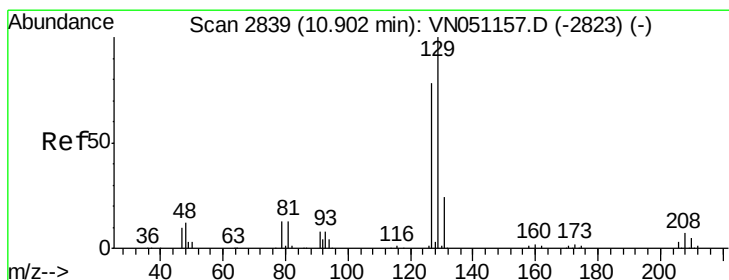
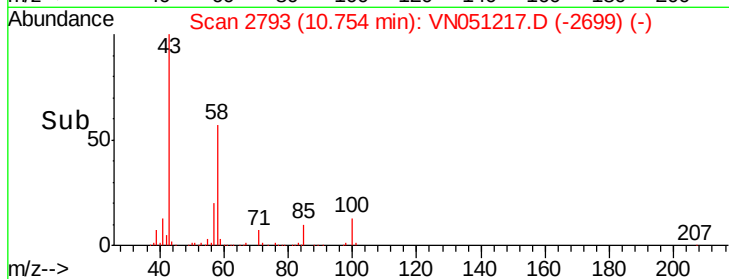
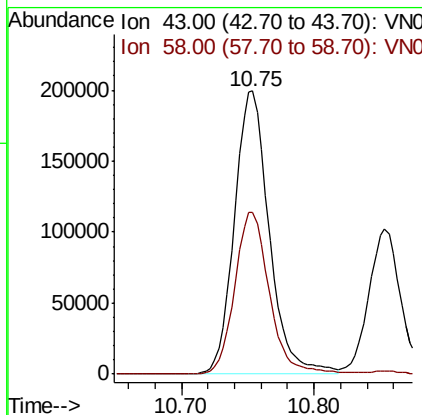
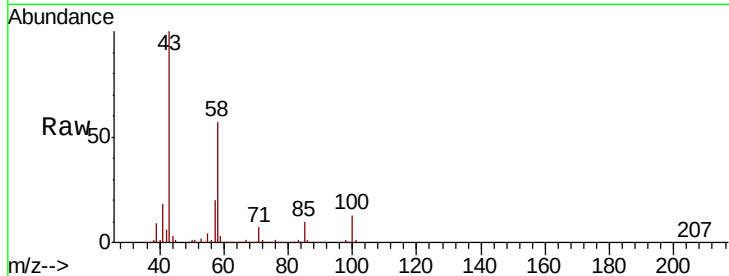




#59  
2-Hexanone  
Concen: 83.44 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

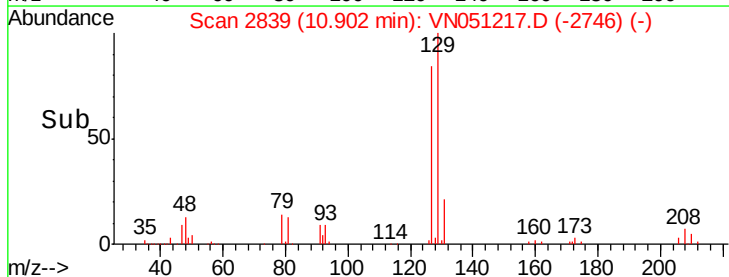
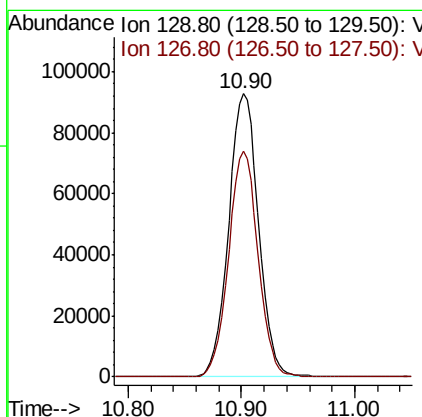
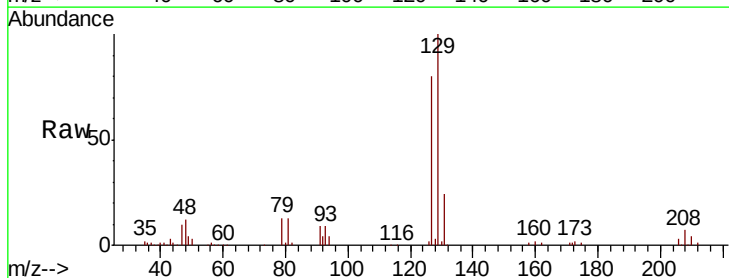
Instrument :  
MSVOA\_N  
ClientSampleId :

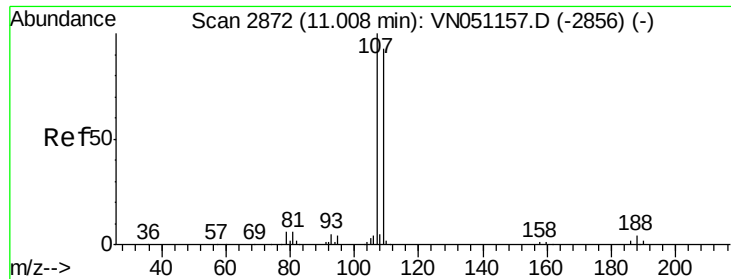
Tot Ion: 43 Resp: 362084  
Ion Ratio Lower Upper  
43 100  
58 57.3 29.3 88.0



#60  
Dibromochloromethane  
Concen: 19.99 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. -0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

Tgt Ion: 129 Resp: 170316  
Ion Ratio Lower Upper  
129 100  
127 78.8 38.5 115.5

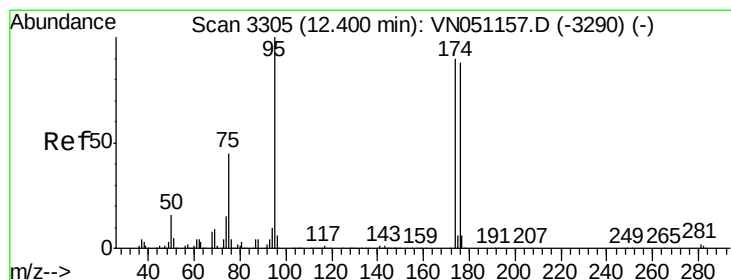
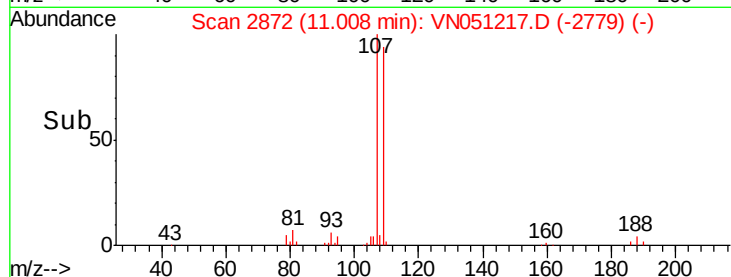
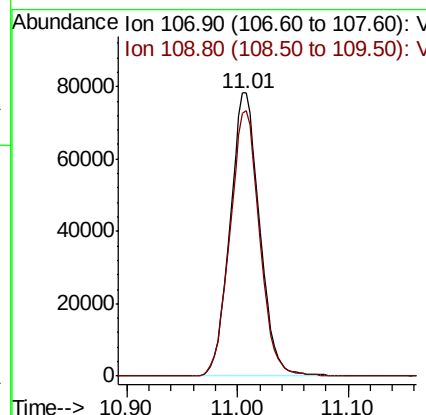
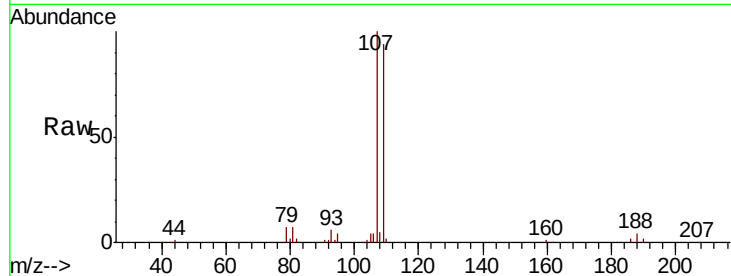




#61  
 1,2-Dibromoethane  
 Concen: 19.67 ug/l  
 RT: 11.01 min Scan# 2872  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

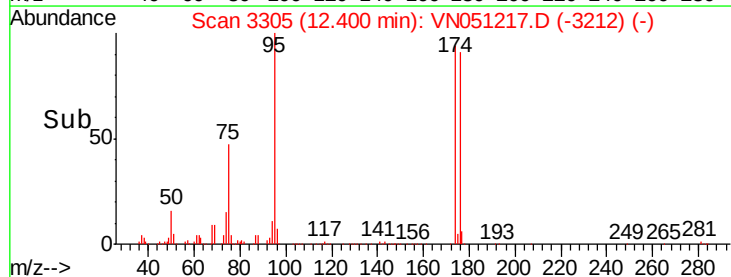
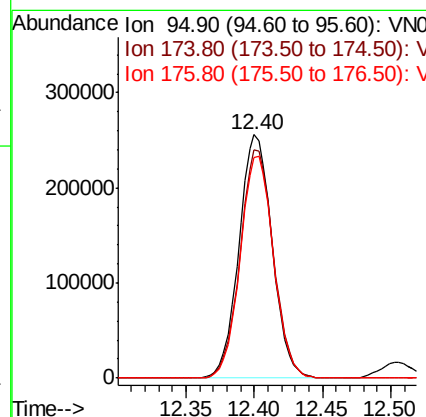
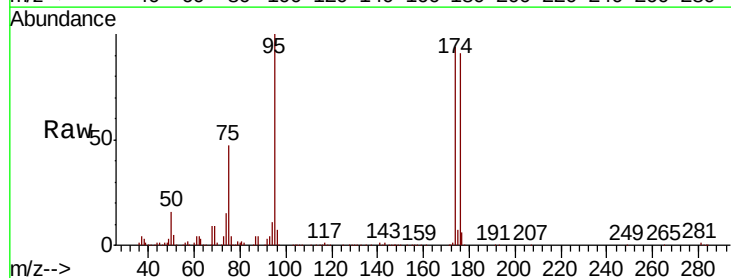
Instrument :  
 MSVOA\_N  
 ClientSampleId :

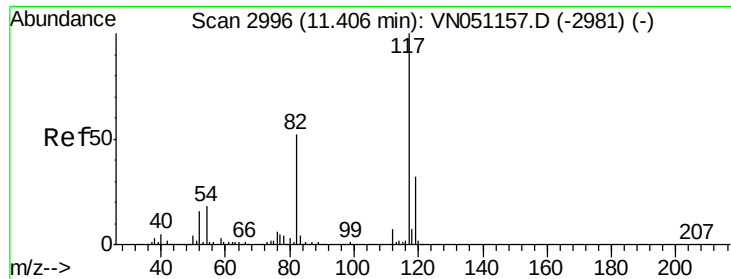
Tot Ion:107 Resp: 145347  
 Ion Ratio Lower Upper  
 107 100  
 109 94.2 76.0 114.0



#62  
 4-Bromofluorobenzene  
 Concen: 44.33 ug/l  
 RT: 12.40 min Scan# 3305  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

Tgt Ion: 95 Resp: 431173  
 Ion Ratio Lower Upper  
 95 100  
 174 94.2 0.0 184.8  
 176 91.8 0.0 178.6

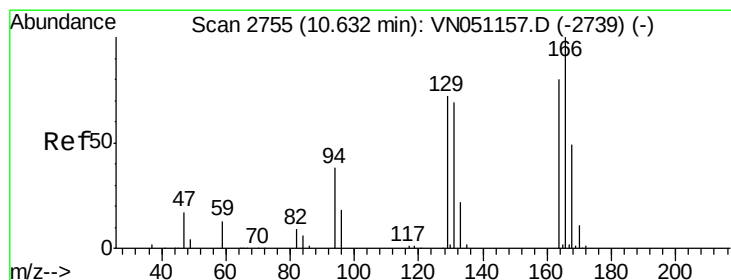
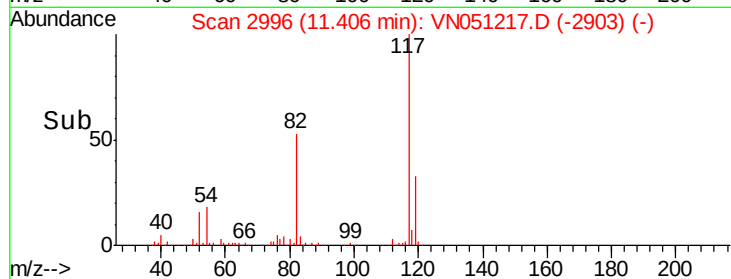
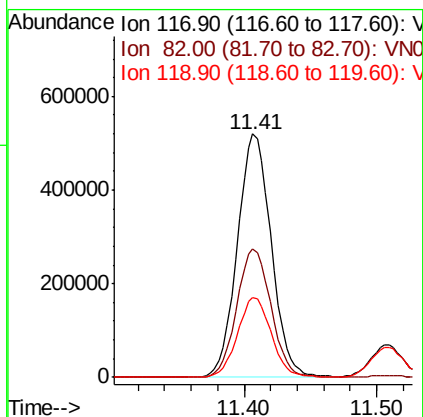
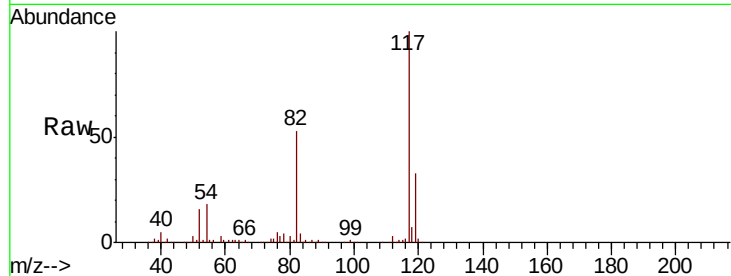




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. -0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

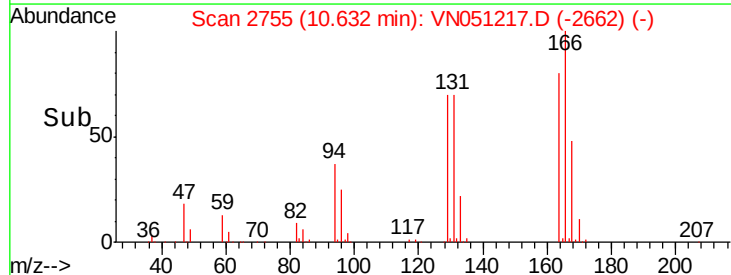
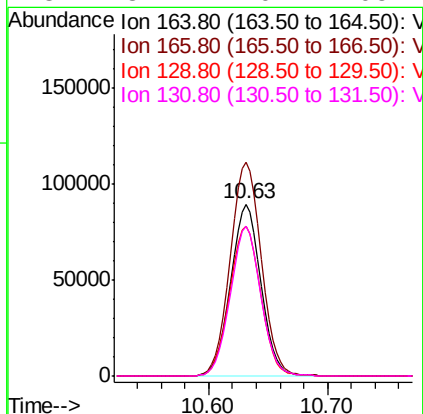
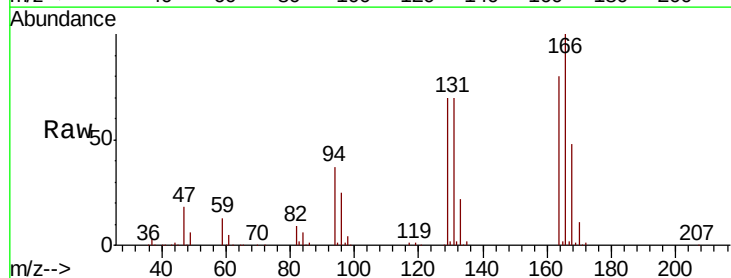
Instrument :  
MSVOA\_N  
ClientSampleId :

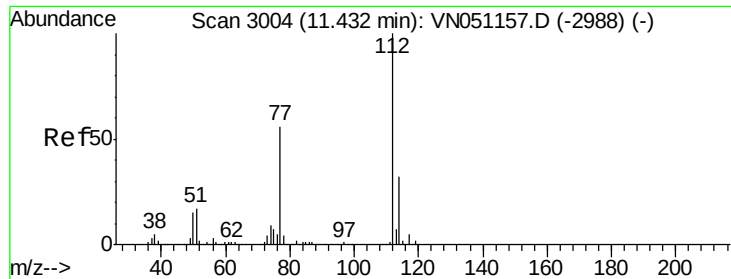
Tot Ion:117 Resp: 924613  
Ion Ratio Lower Upper  
117 100  
82 53.0 41.8 62.6  
119 33.0 26.2 39.2



#64  
Tetrachloroethene  
Concen: 18.68 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. -0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

Tgt Ion:164 Resp: 157594  
Ion Ratio Lower Upper  
164 100  
166 124.5 101.3 151.9  
129 87.2 72.2 108.2  
131 87.1 70.2 105.2

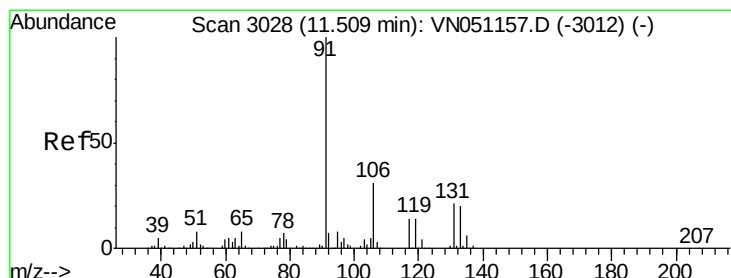
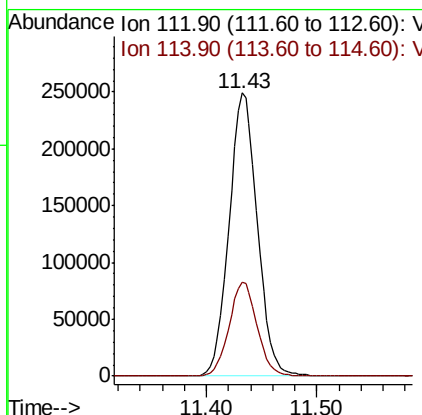
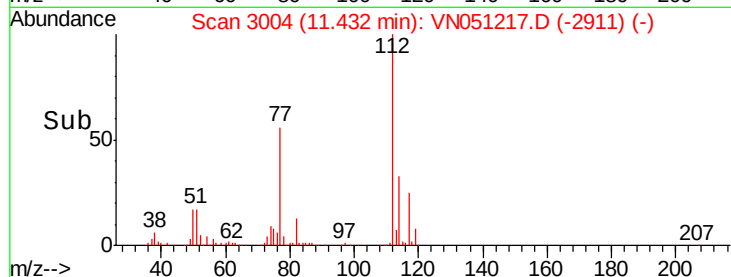
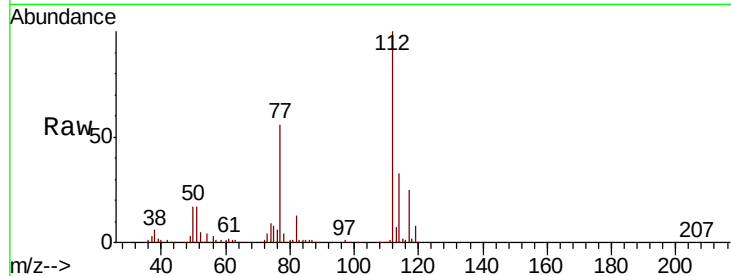




#65  
Chlorobenzene  
Concen: 18.98 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. -0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

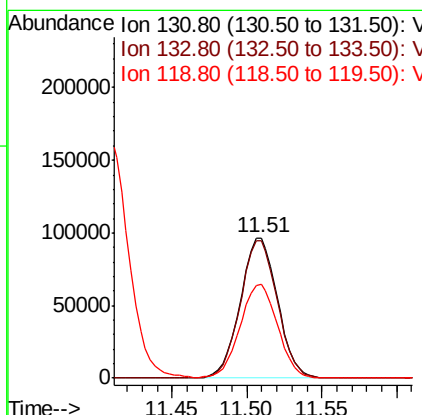
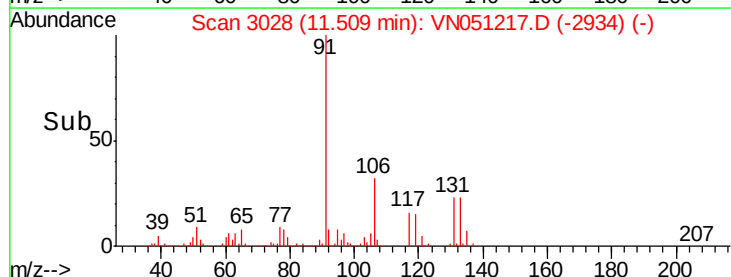
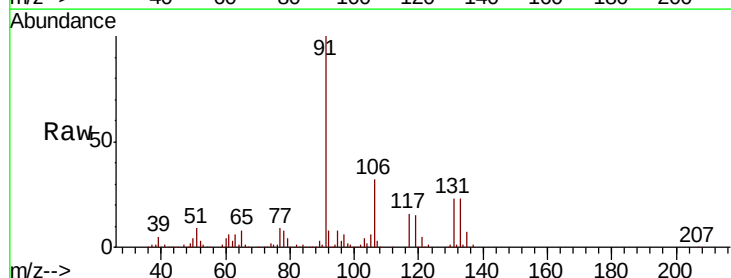
Instrument :  
MSVOA\_N  
ClientSampled :

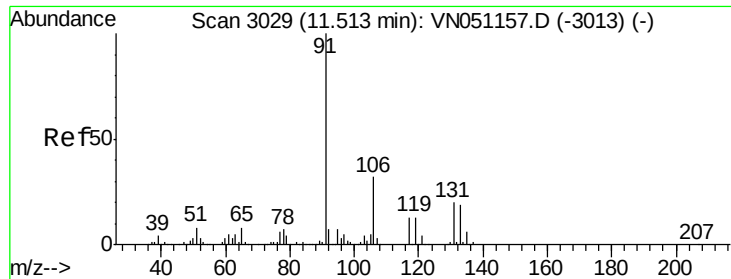
Tot Ion:112 Resp: 442381  
Ion Ratio Lower Upper  
112 100  
114 33.1 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.93 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

Tgt Ion:131 Resp: 167279  
Ion Ratio Lower Upper  
131 100  
133 97.4 47.5 142.6  
119 67.4 33.2 99.6





#67

Ethyl Benzene

Concen: 18.65 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

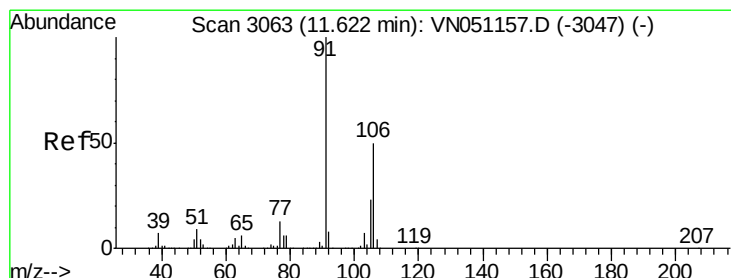
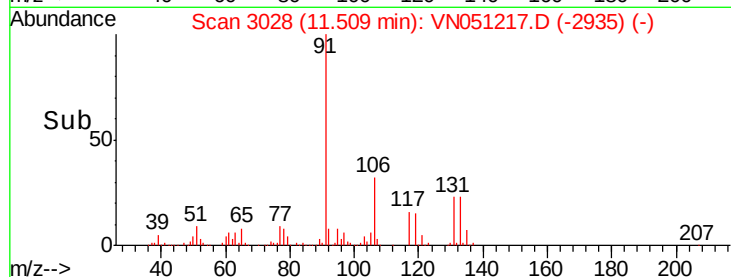
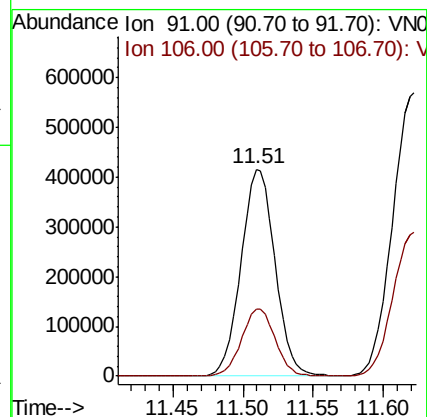
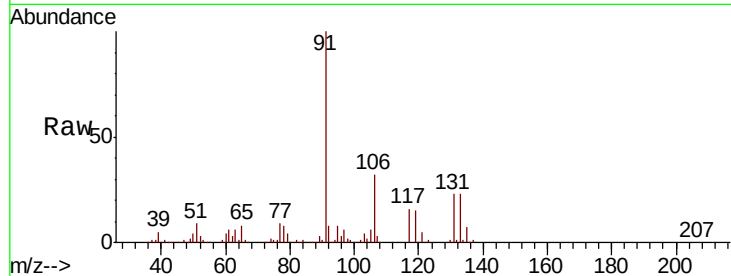
ClientSampled :

Tot Ion: 91 Resp: 703989

Ion Ratio Lower Upper

91 100

106 32.3 25.4 38.2



#68

m/p-Xylenes

Concen: 39.02 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN051217.D

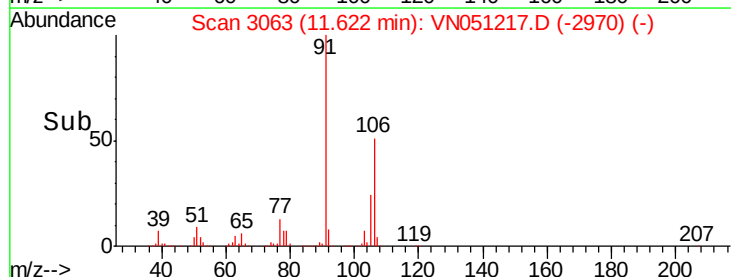
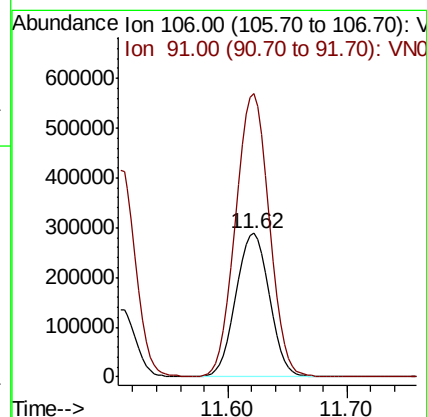
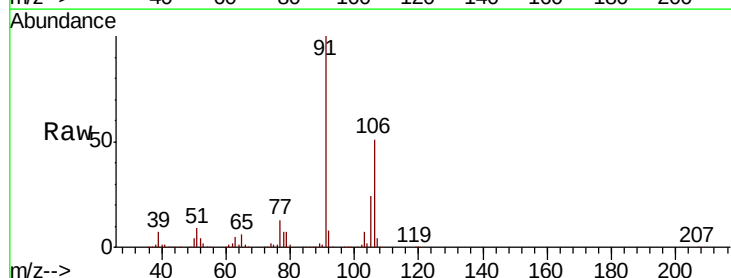
Acq: 15 Sep 2018 12:57

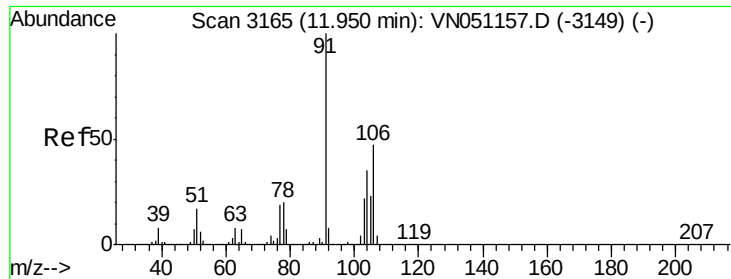
Tgt Ion:106 Resp: 565835

Ion Ratio Lower Upper

106 100

91 197.5 159.8 239.6

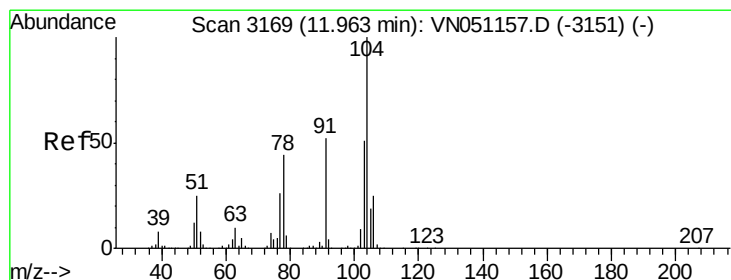
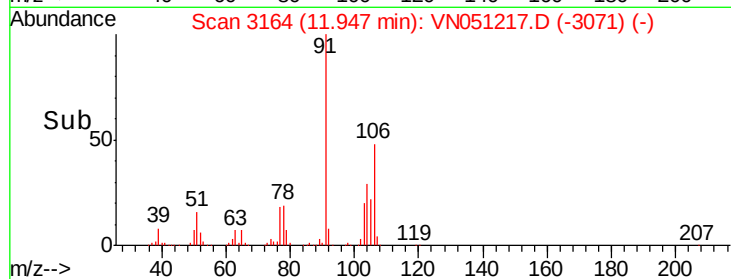
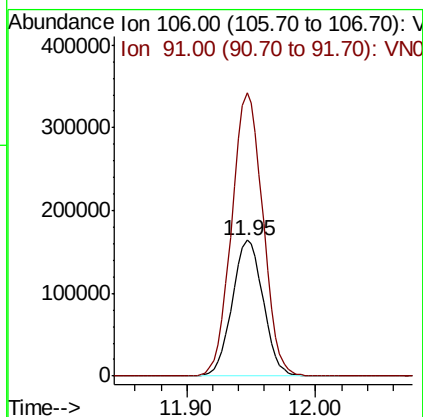
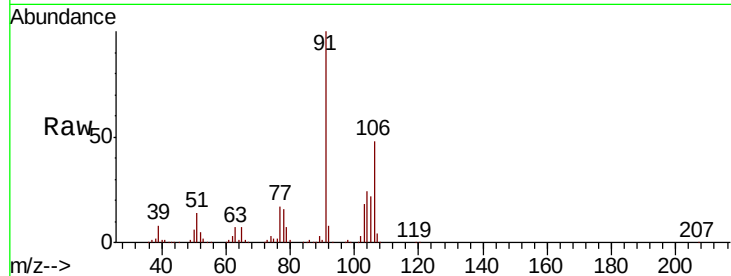




#69  
o-Xylene  
Concen: 19.58 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. -0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

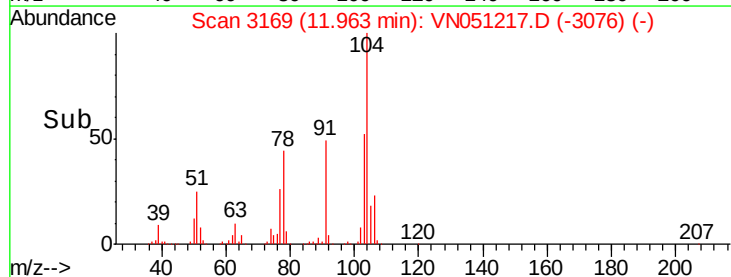
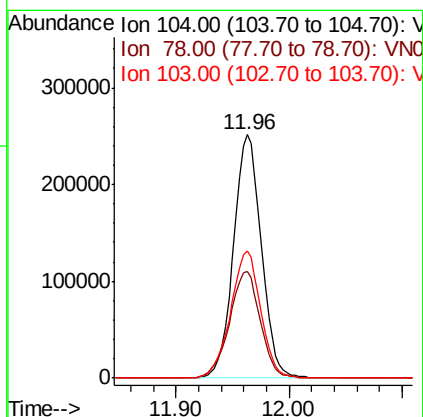
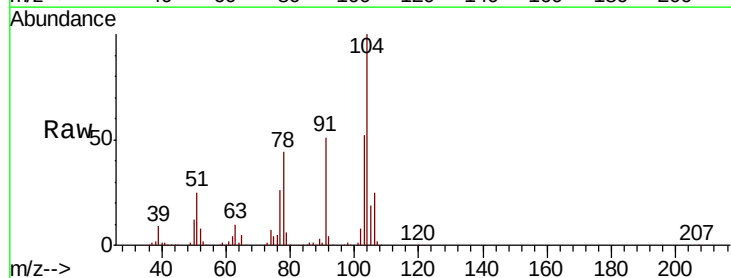
Instrument :  
MSVOA\_N  
ClientSampleId :

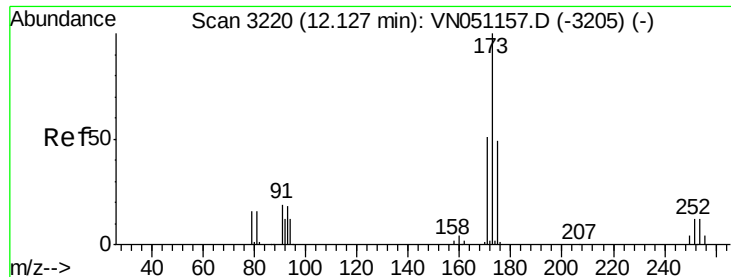
Tot Ion:106 Resp: 275006  
Ion Ratio Lower Upper  
106 100  
91 208.9 105.1 315.1



#70  
Styrene  
Concen: 19.79 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. -0.00 min  
Lab File: VN051217.D  
Acq: 15 Sep 2018 12:57

Tgt Ion:104 Resp: 431006  
Ion Ratio Lower Upper  
104 100  
78 48.7 37.7 56.5  
103 56.4 44.6 67.0





#71

Bromoform

Concen: 19.58 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

ClientSampled :

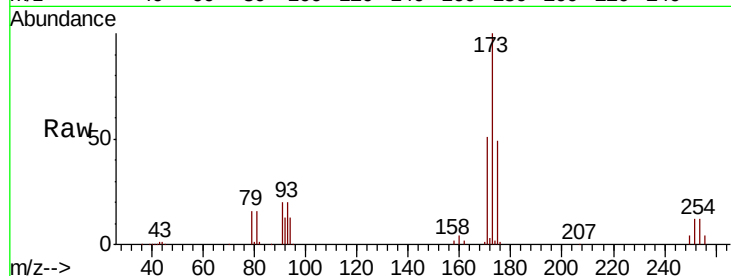
Tot Ion:173 Resp: 115675

Ion Ratio Lower Upper

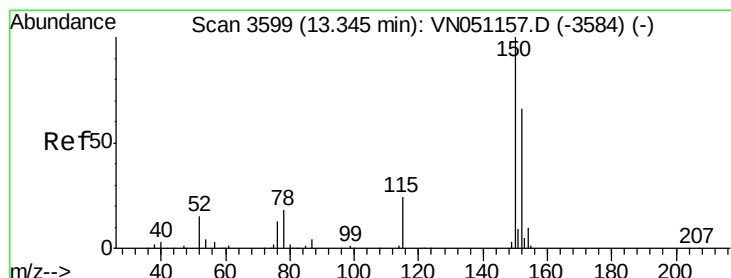
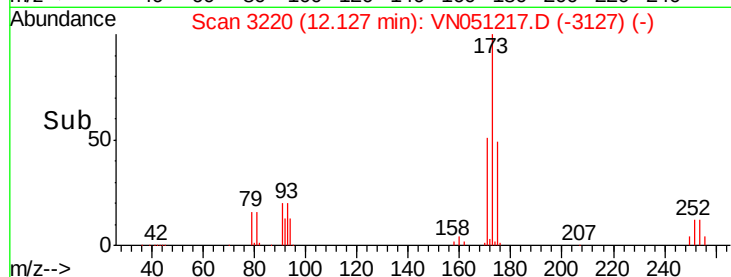
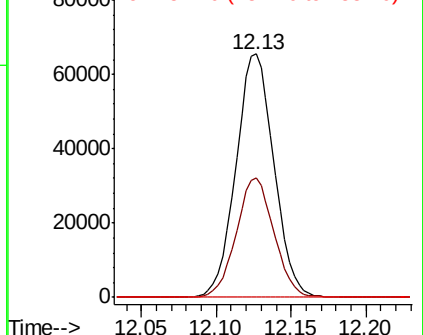
173 100

175 48.7 24.3 72.9

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

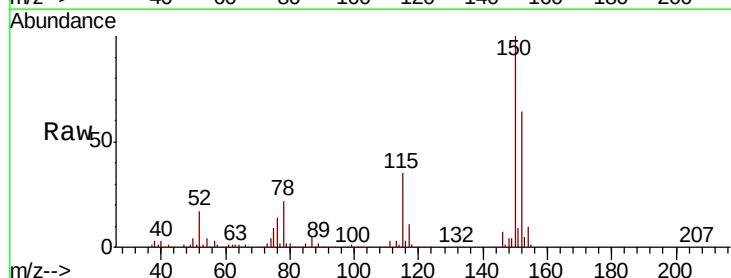
Tgt Ion:152 Resp: 438956

Ion Ratio Lower Upper

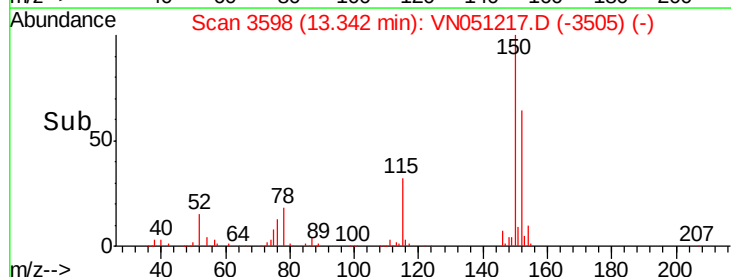
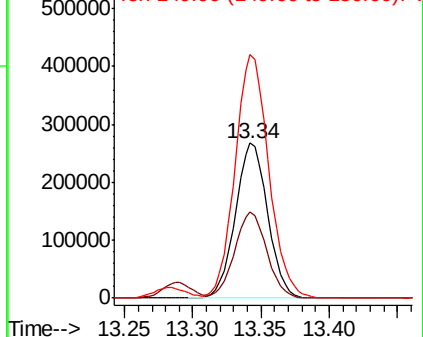
152 100

115 55.4 28.2 84.7

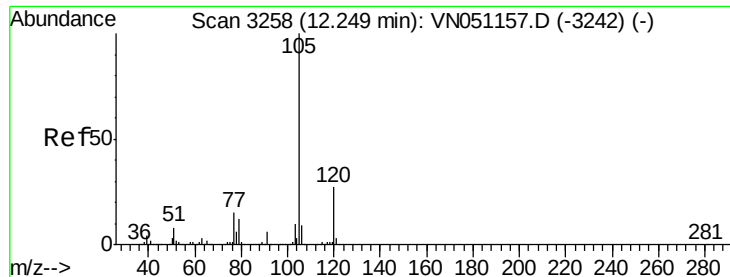
150 163.9 0.0 349.0



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







#73

Isopropylbenzene

Concen: 18.86 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

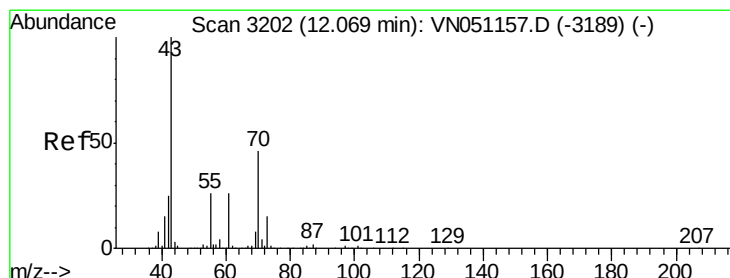
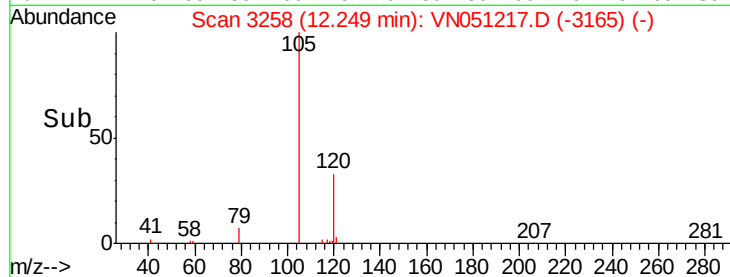
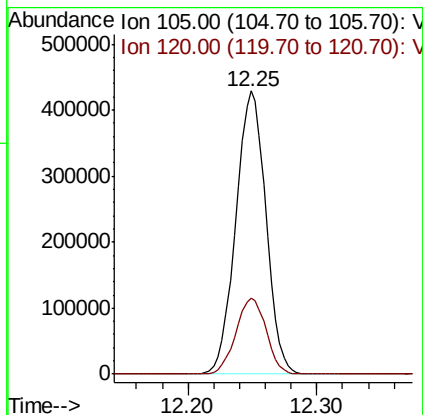
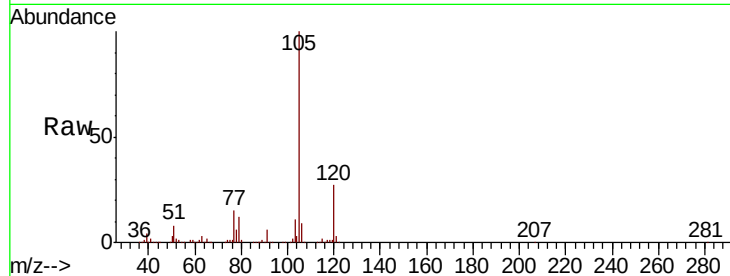
ClientSampled :

Tot Ion:105 Resp: 694155

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-ethyl acetate

Concen: 16.76 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Tgt Ion: 43 Resp: 155277

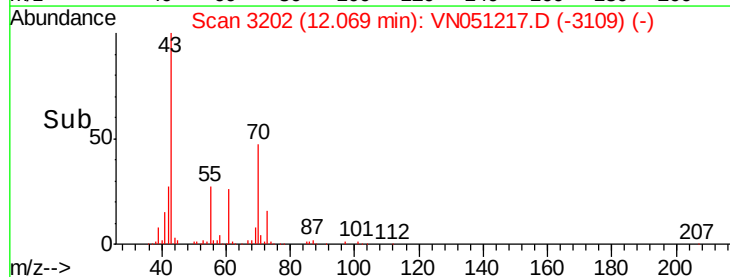
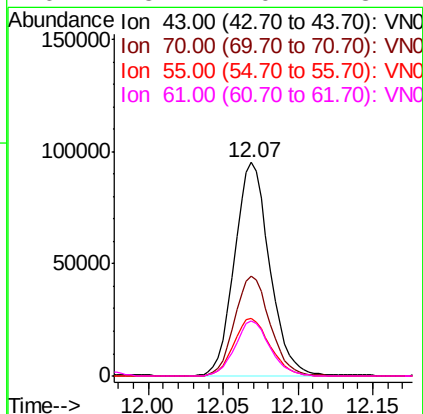
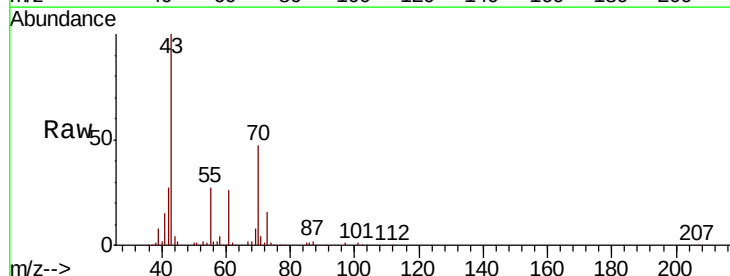
Ion Ratio Lower Upper

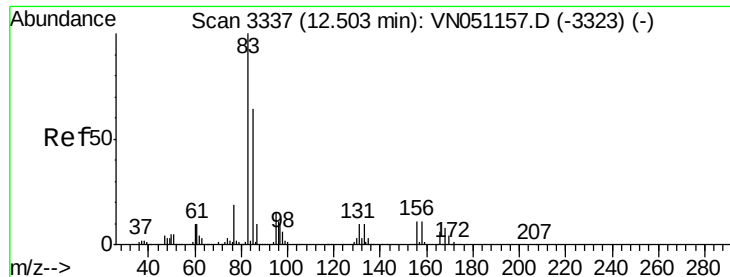
43 100

70 47.3 37.0 55.4

55 27.8 21.3 31.9

61 25.7 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.91 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

ClientSampled :

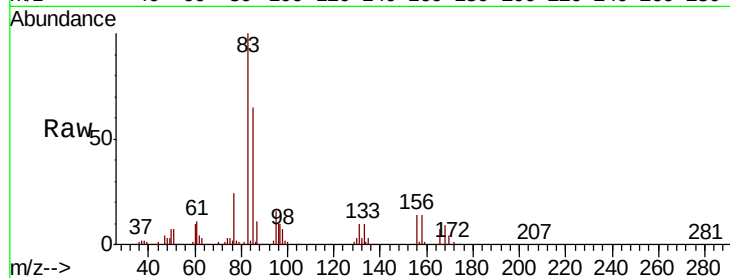
Tot Ion: 83 Resp: 176275

Ion Ratio Lower Upper

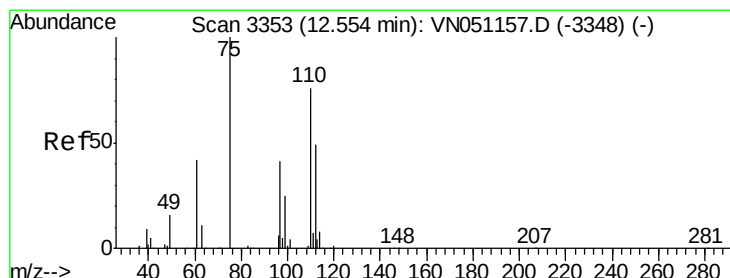
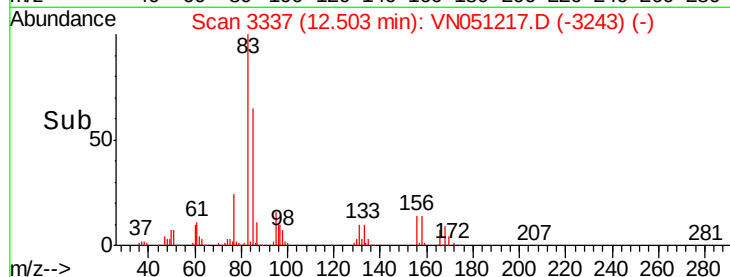
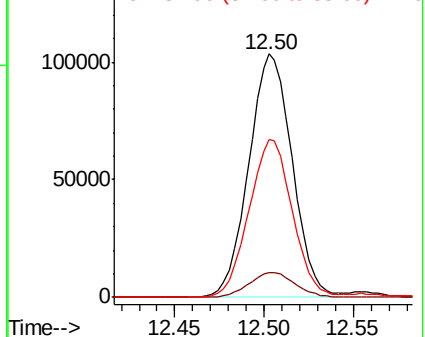
83 100

131 10.7 5.3 16.1

85 64.6 32.3 96.8



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



#76

1,2,3-Trichloropropane

Concen: 29.23 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051217.D

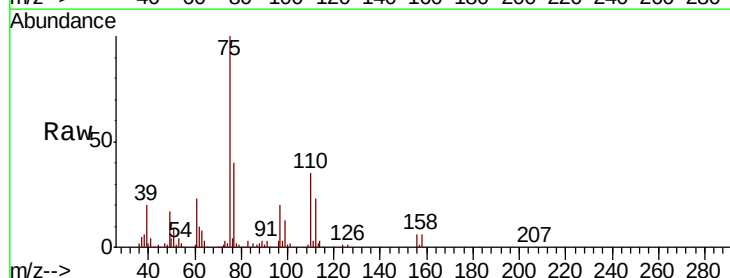
Acq: 15 Sep 2018 12:57

Tgt Ion: 75 Resp: 203131

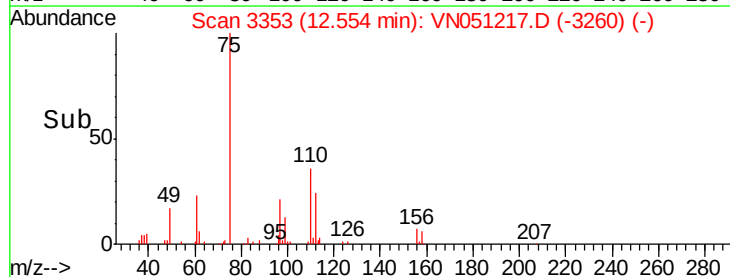
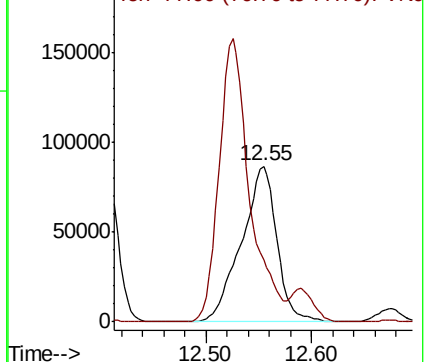
Ion Ratio Lower Upper

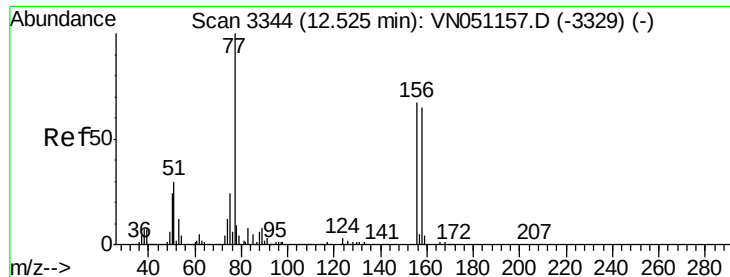
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 18.79 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

ClientSampleId :

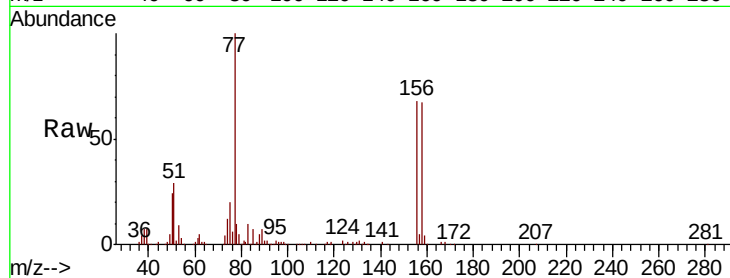
Tot Ion:156 Resp: 185742

Ion Ratio Lower Upper

156 100

77 170.3 87.5 262.6

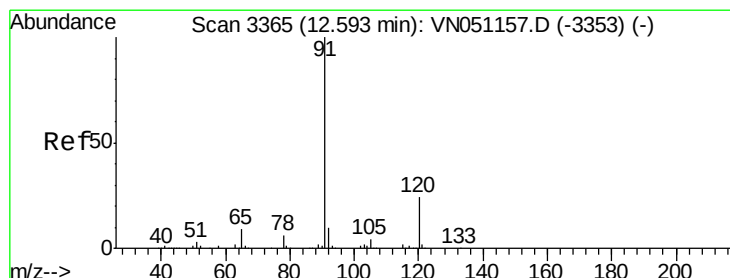
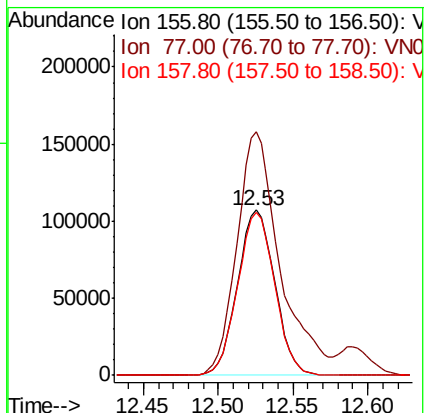
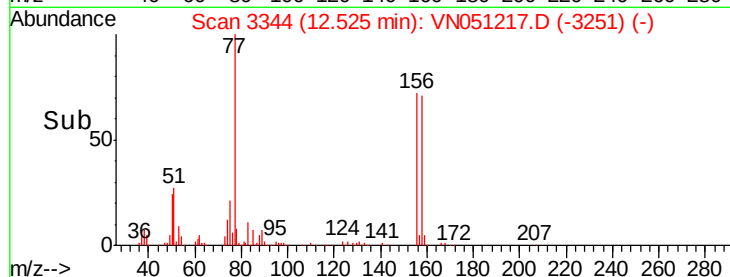
158 98.4 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.92 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051217.D

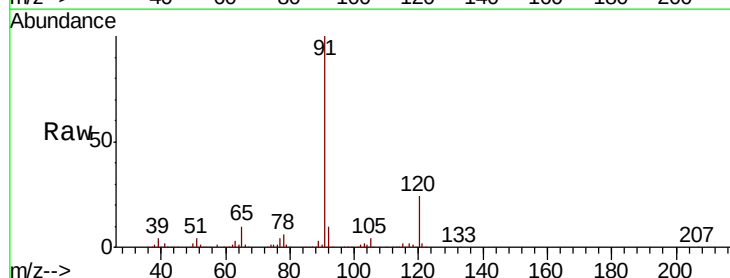
Acq: 15 Sep 2018 12:57

Tgt Ion: 91 Resp: 765489

Ion Ratio Lower Upper

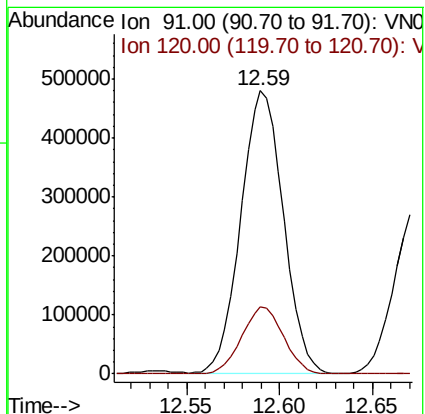
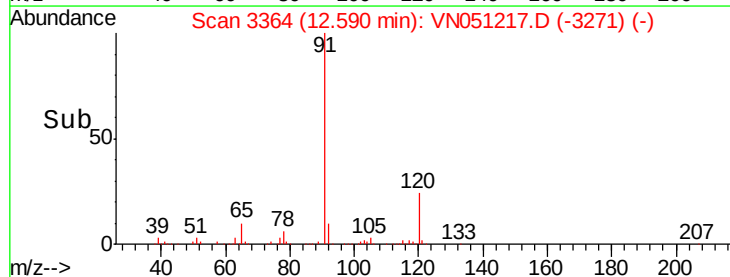
91 100

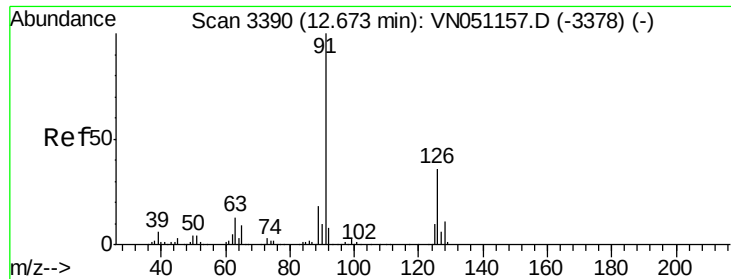
120 23.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.72 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

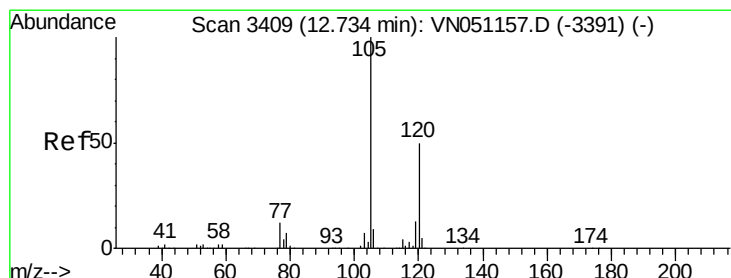
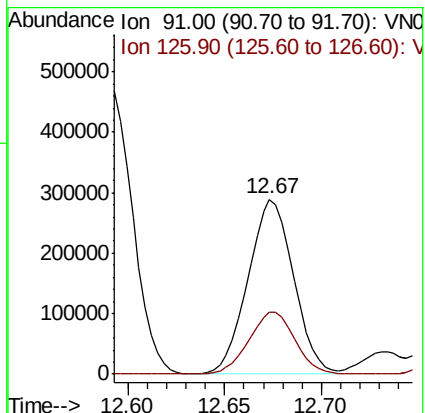
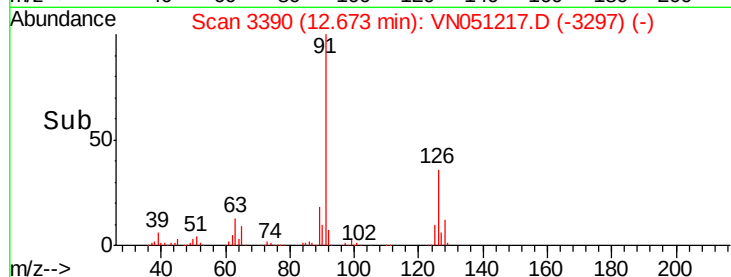
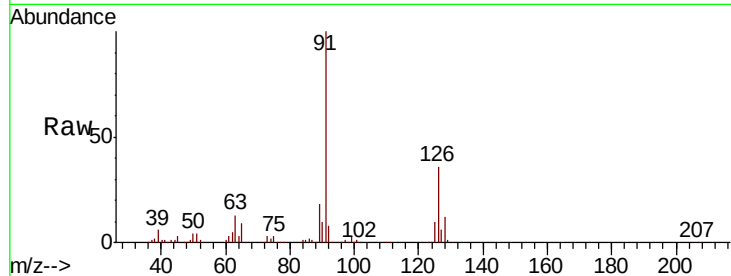
ClientSampleId :

Tot Ion: 91 Resp: 473473

Ion Ratio Lower Upper

91 100

126 36.2 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 19.39 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051217.D

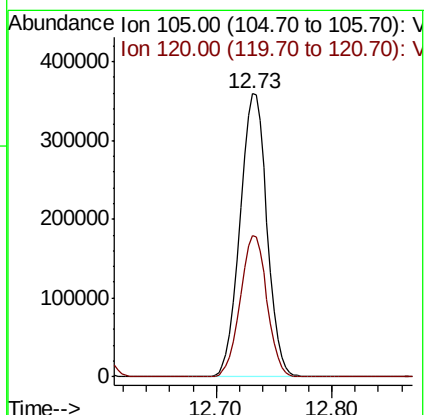
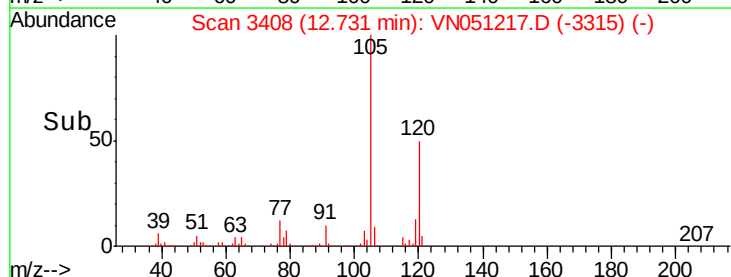
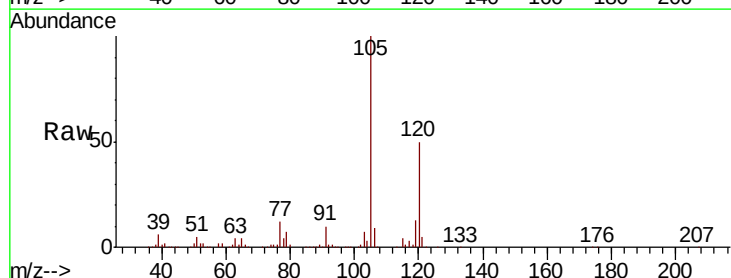
Acq: 15 Sep 2018 12:57

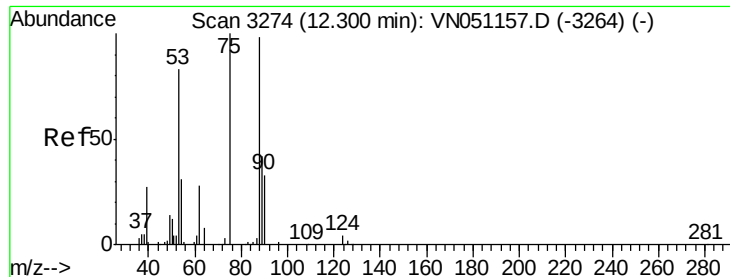
Tgt Ion:105 Resp: 577194

Ion Ratio Lower Upper

105 100

120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.32 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

ClientSampleId :

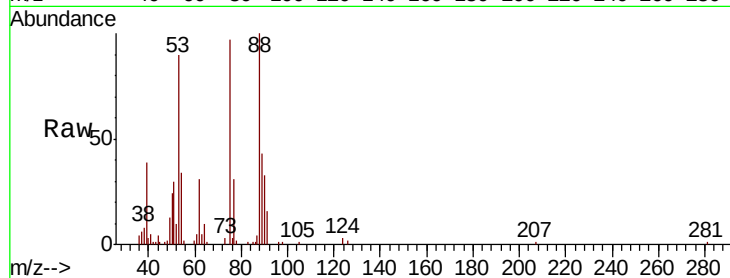
Tot Ion: 75 Resp: 40033

Ion Ratio Lower Upper

75 100

53 90.5 67.8 101.8

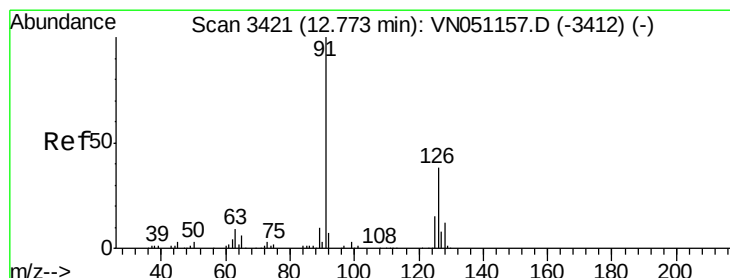
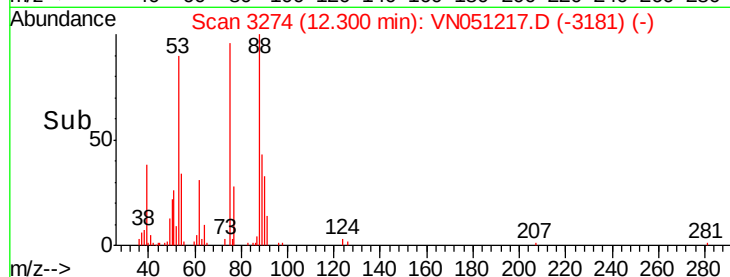
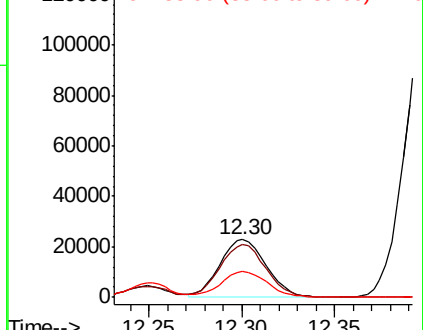
89 44.8 36.0 54.0



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: 18.30 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051217.D

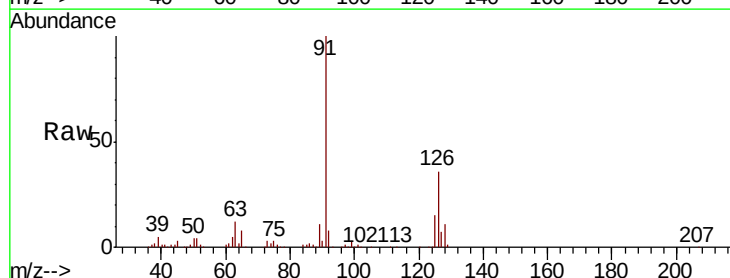
Acq: 15 Sep 2018 12:57

Tgt Ion: 91 Resp: 459535

Ion Ratio Lower Upper

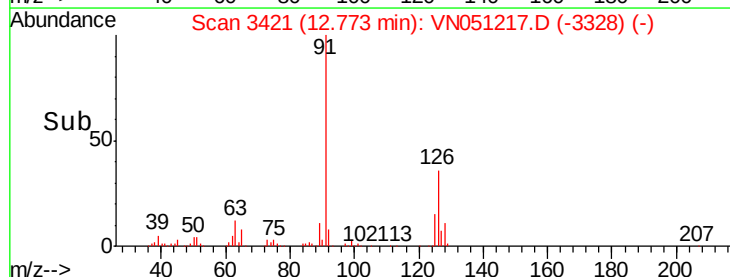
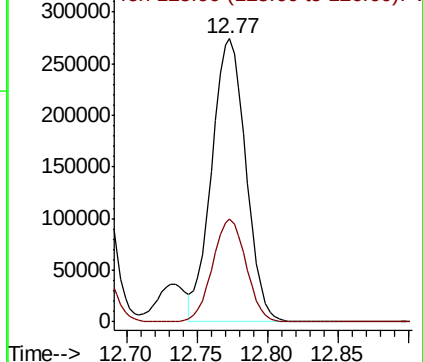
91 100

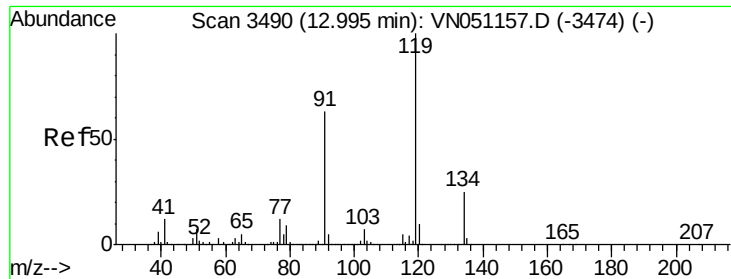
126 35.8 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

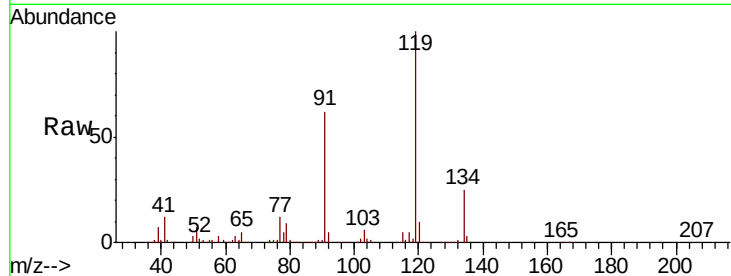




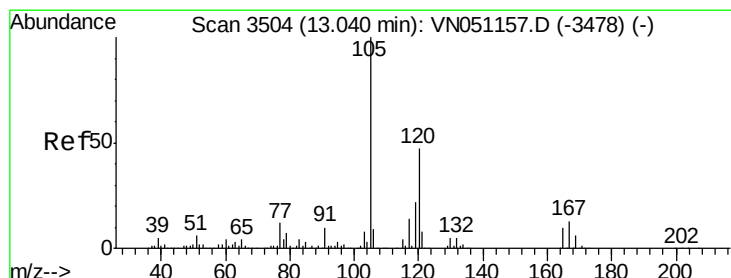
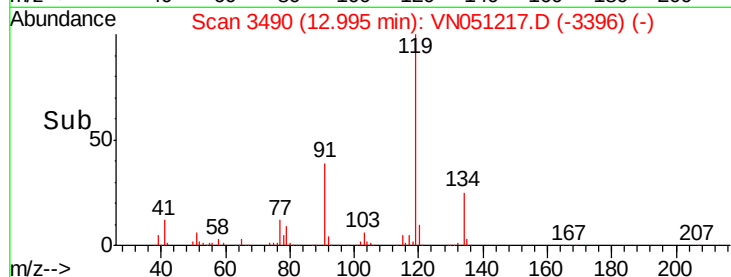
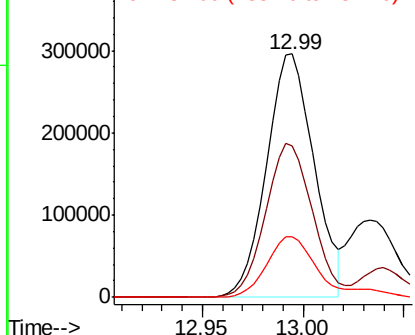
#83  
 tert-Butylbenzene  
 Concen: 18.46 ug/l  
 RT: 12.99 min Scan# 3490  
 Delta R.T. 0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

Instrument :  
 MSVOA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 62.2  | 30.8  | 92.3  |
| 134     | 27.5  | 13.2  | 39.6  |

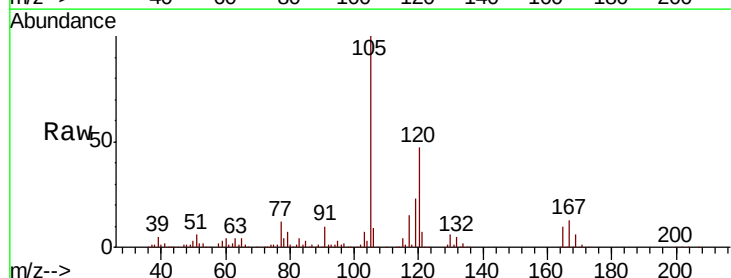


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): V  
 Ion 134.00 (133.70 to 134.70): V

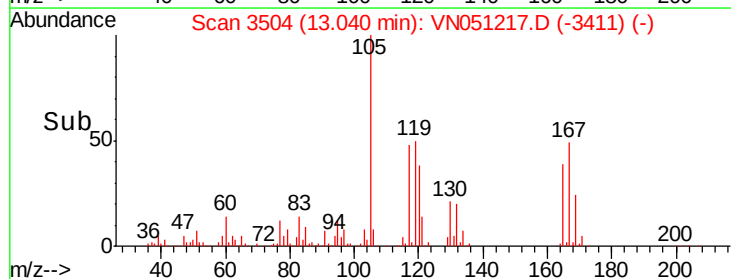
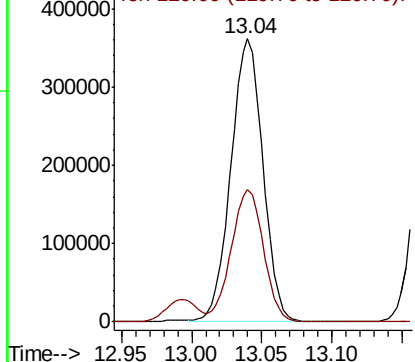


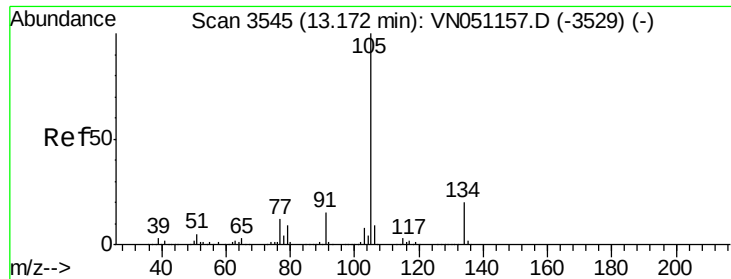
#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.63 ug/l  
 RT: 13.04 min Scan# 3504  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 47.2  | 23.3  | 69.8  |



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





#85

sec-Butylbenzene

Concen: 18.69 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

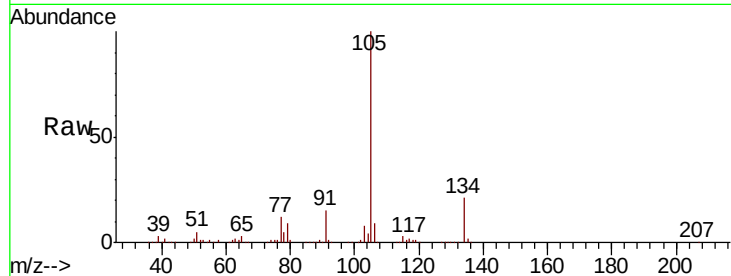
ClientSampleId :

Tot Ion:105 Resp: 629692

Ion Ratio Lower Upper

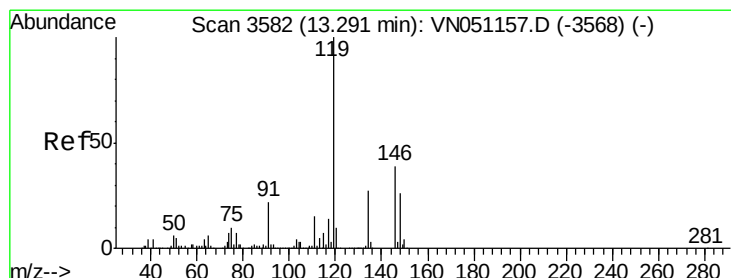
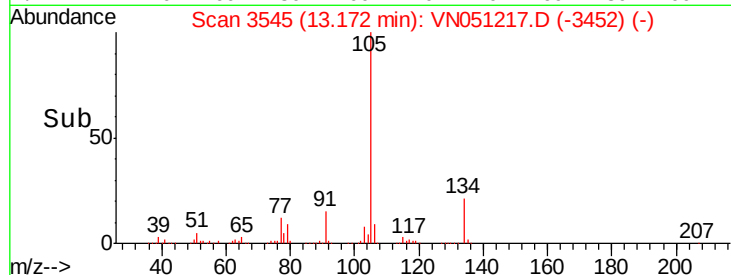
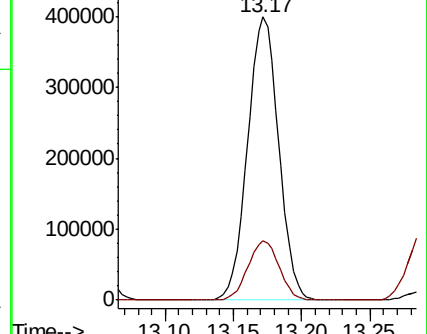
105 100

134 21.1 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.24 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

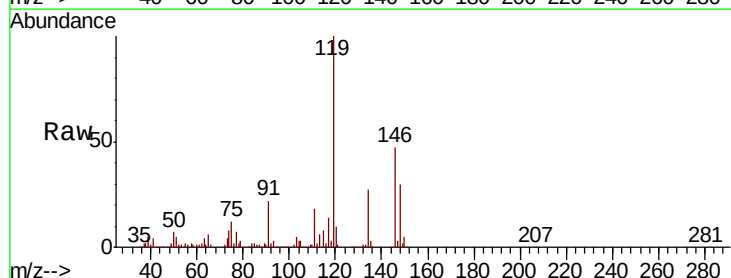
Tgt Ion:119 Resp: 549795

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

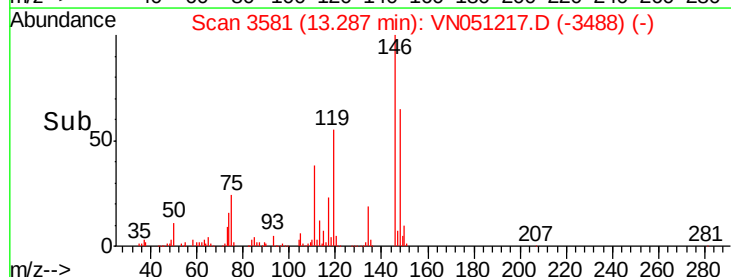
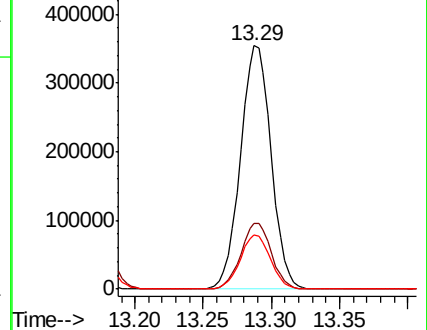
91 21.8 10.9 32.9

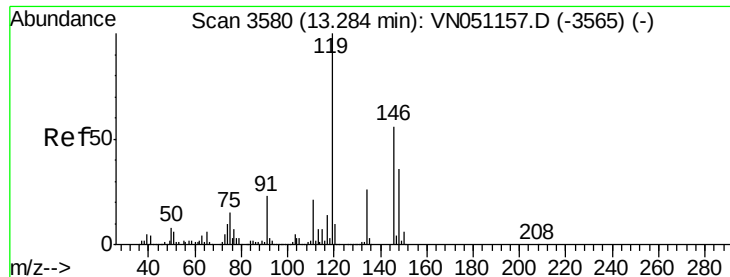


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

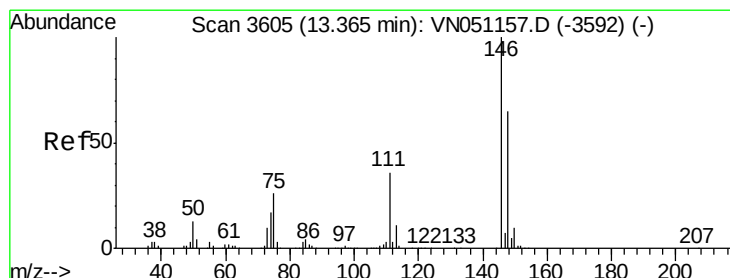
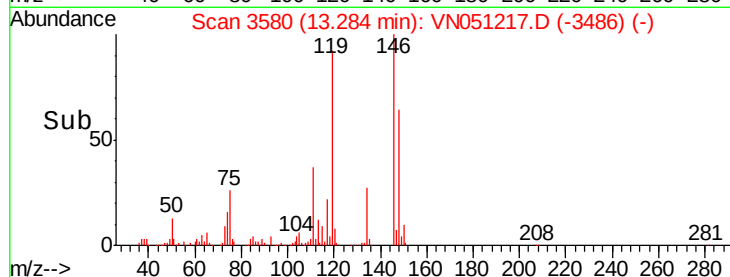
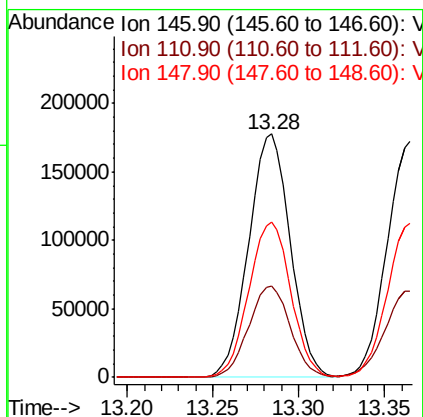
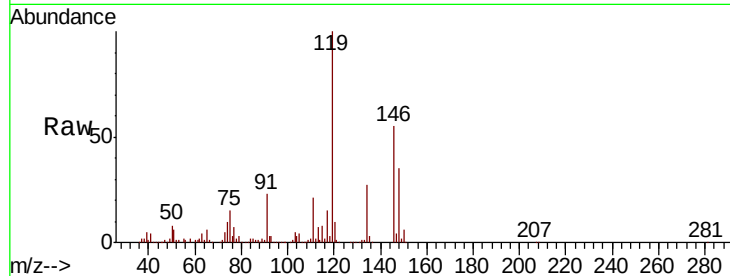




#87  
 1,3-Dichlorobenzene  
 Concen: 17.78 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

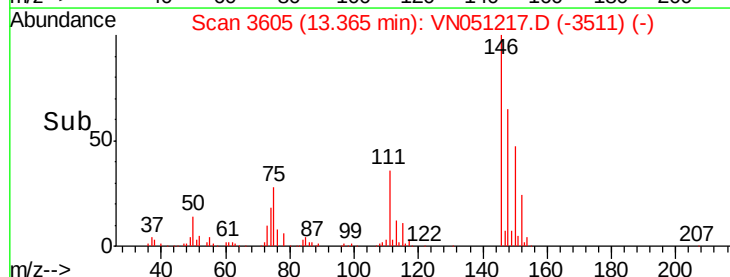
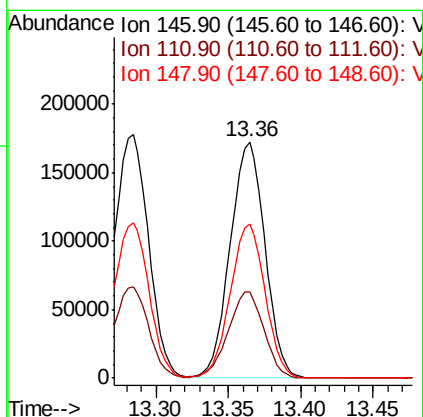
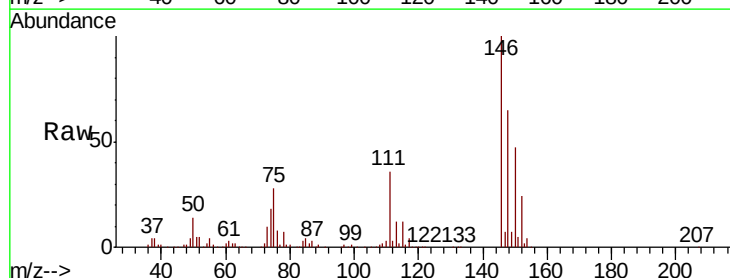
Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion:146 Resp: 298331  
 Ion Ratio Lower Upper  
 146 100  
 111 37.7 19.1 57.1  
 148 64.4 32.2 96.6

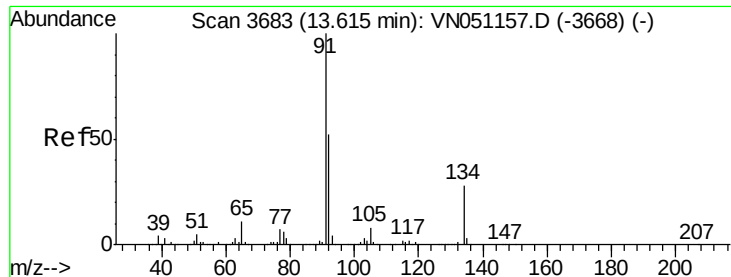


#88  
 1,4-Dichlorobenzene  
 Concen: 18.71 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

Tgt Ion:146 Resp: 287990  
 Ion Ratio Lower Upper  
 146 100  
 111 37.7 18.4 55.0  
 148 65.2 32.2 96.6







#89

n-Butylbenzene

Concen: 17.58 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

ClientSampled :

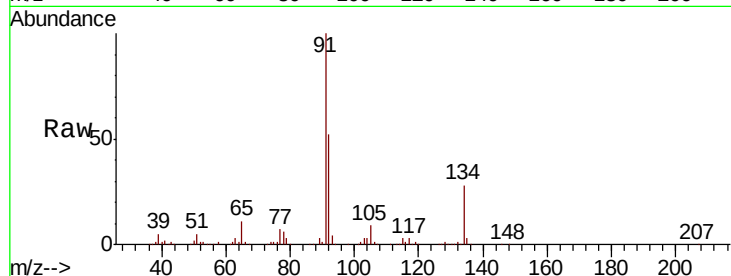
Tot Ion: 91 Resp: 390903

Ion Ratio Lower Upper

91 100

92 51.8 26.2 78.6

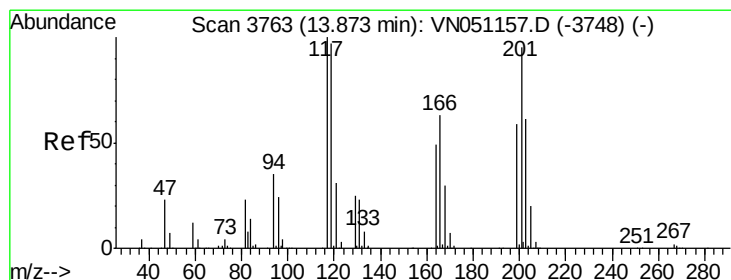
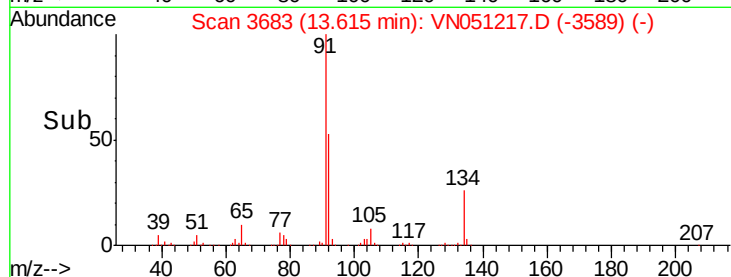
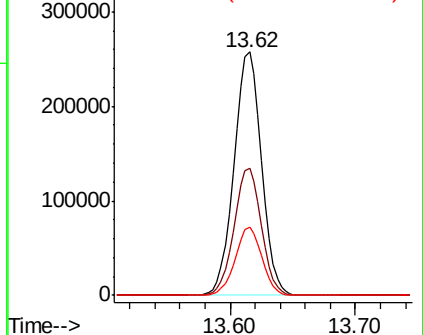
134 27.3 13.7 41.1



Abundance Ion 91.00 (90.70 to 91.70): VN051157.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN051157.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN051157.D (-3668) (-)



#90

Hexachloroethane

Concen: 19.13 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN051217.D

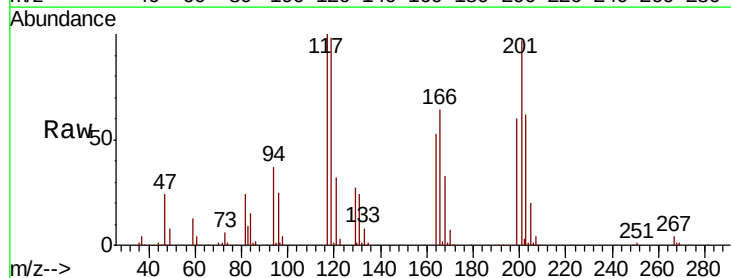
Acq: 15 Sep 2018 12:57

Tgt Ion: 117 Resp: 101517

Ion Ratio Lower Upper

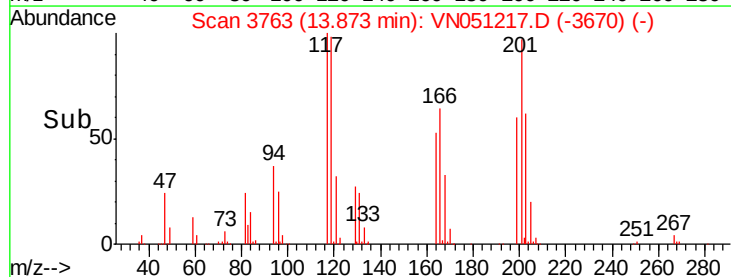
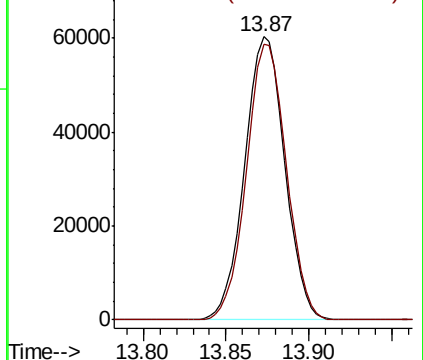
117 100

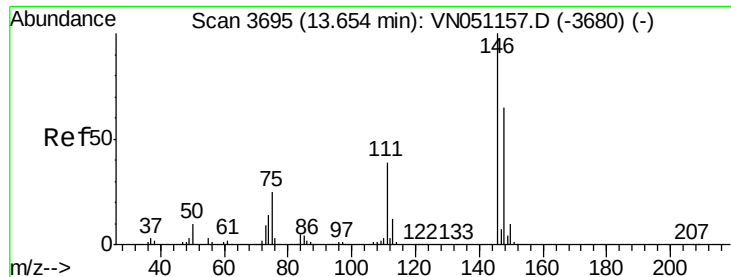
201 96.5 47.3 142.0



Abundance Ion 116.80 (116.50 to 117.50): VN051157.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN051157.D (-3748) (-)

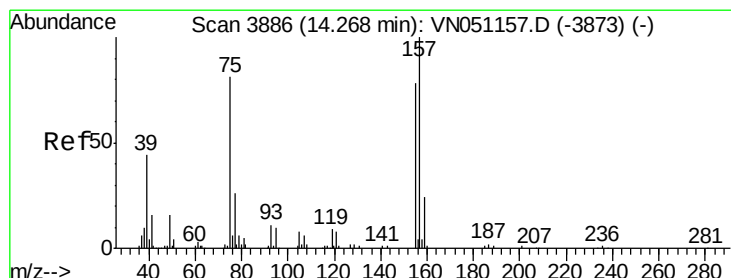
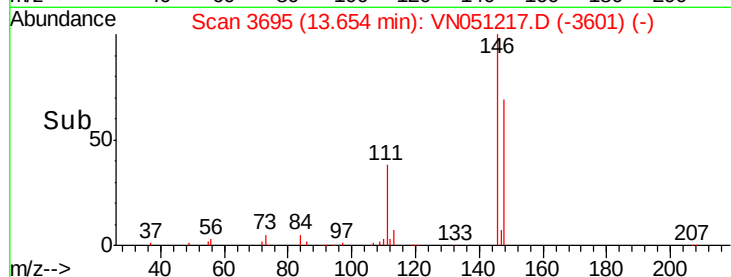
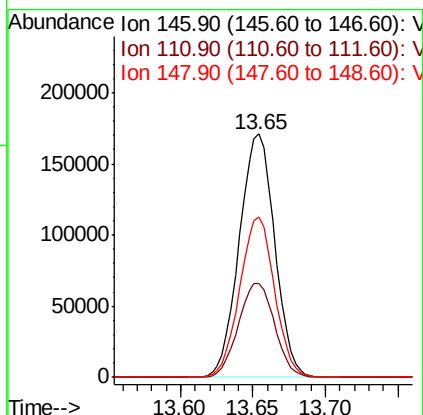
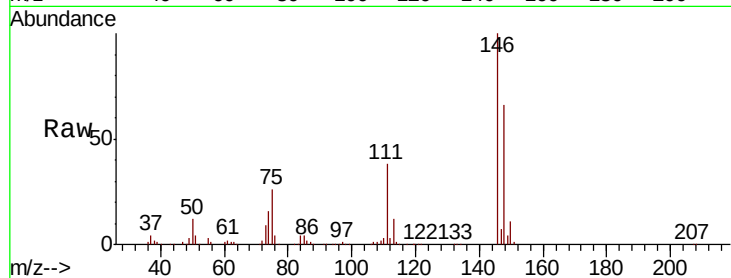




#91  
 1,2-Dichlorobenzene  
 Concen: 17.81 ug/l  
 RT: 13.65 min Scan# 3695  
 Delta R.T. 0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

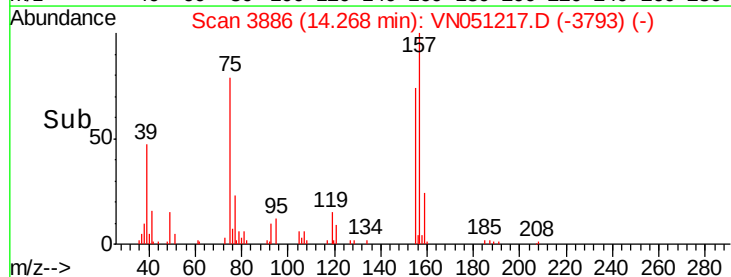
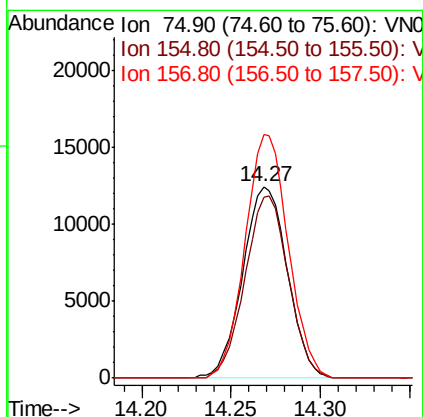
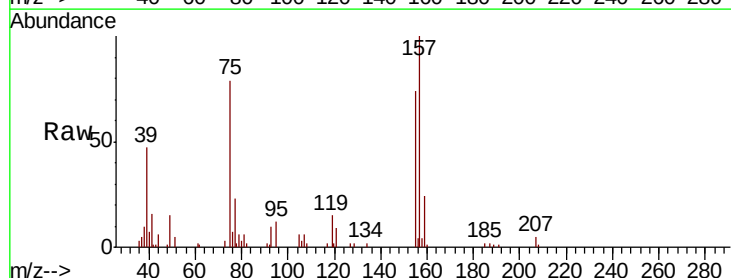
Instrument :  
 MSVOA\_N  
 ClientSampleId :

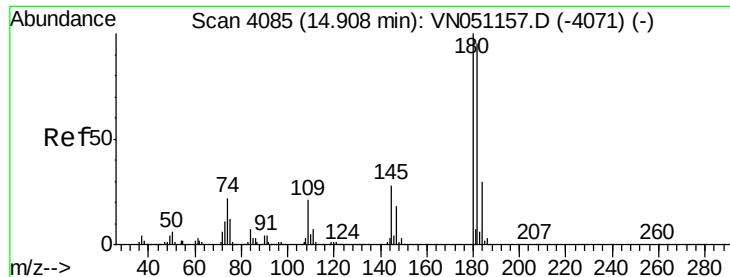
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 19.7  | 59.0  |
| 148     | 64.7  | 32.1  | 96.3  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.79 ug/l  
 RT: 14.27 min Scan# 3886  
 Delta R.T. 0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 92.0  | 48.7  | 146.1 |
| 157     | 122.7 | 63.6  | 190.9 |

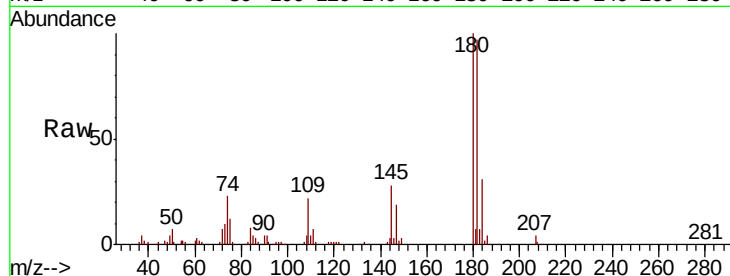




#93  
 1,2,4-Trichlorobenzene  
 Concen: 15.70 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. -0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.5  | 47.3  | 141.8 |
| 145     | 27.2  | 14.2  | 42.6  |

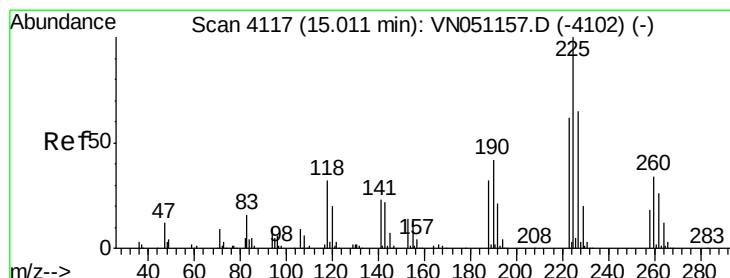
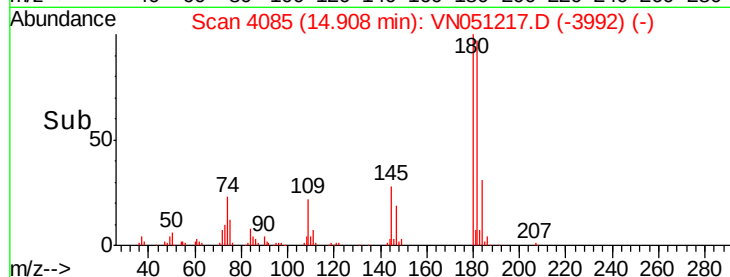
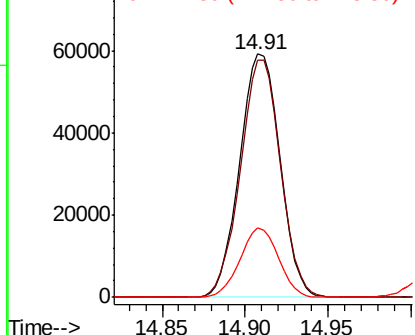


Abundance

Ion 179.80 (179.50 to 180.50): V

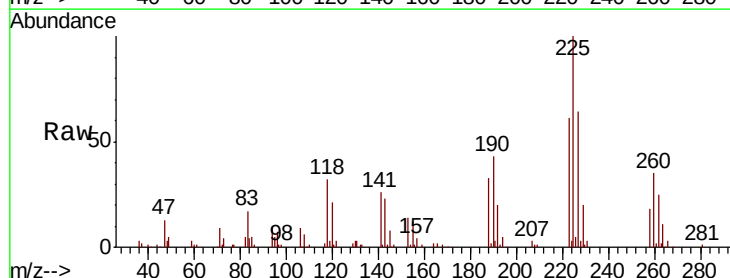
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 19.19 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. 0.00 min  
 Lab File: VN051217.D  
 Acq: 15 Sep 2018 12:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.3  | 31.4  | 94.0  |
| 227     | 63.9  | 32.1  | 96.3  |

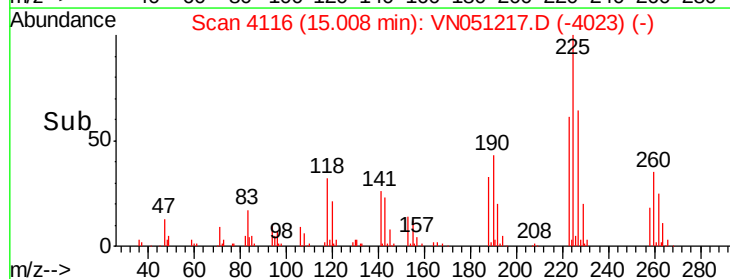
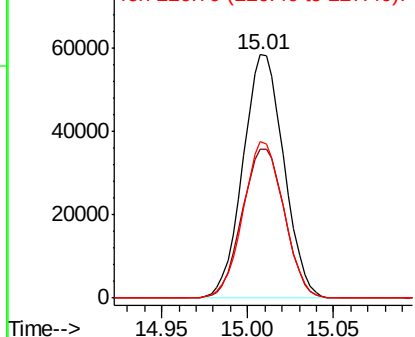


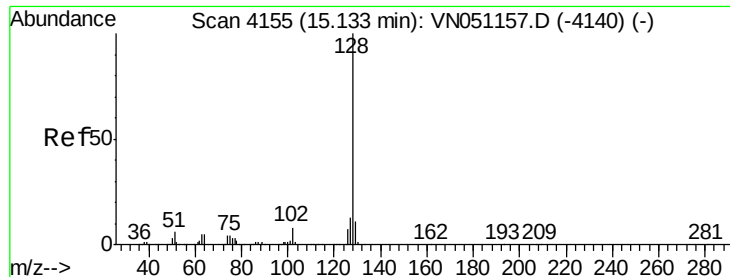
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 14.86 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

Instrument :

MSVOA\_N

ClientSampled :

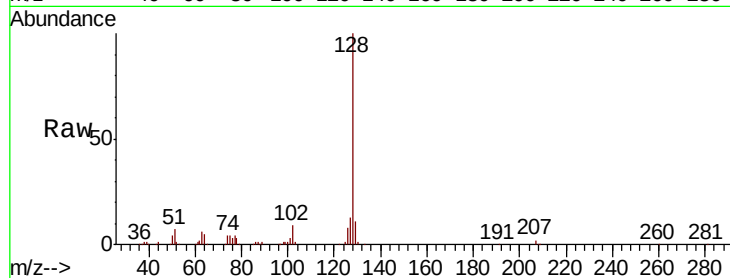
Tot Ion:128 Resp: 175995

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

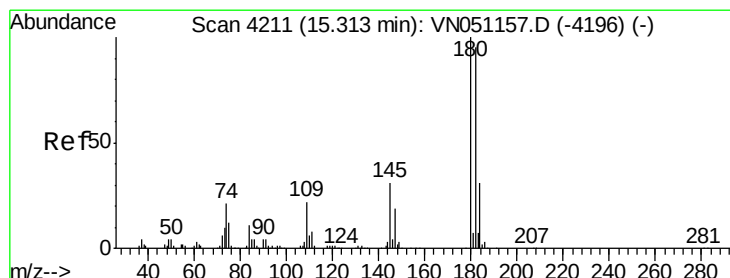
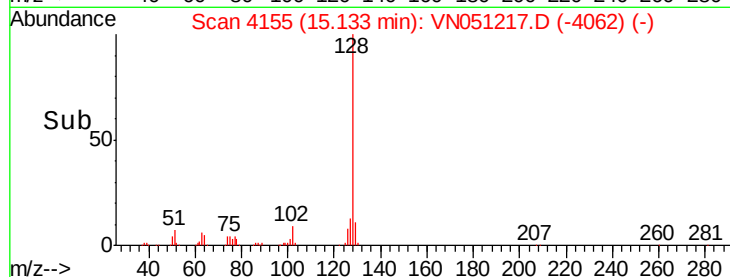
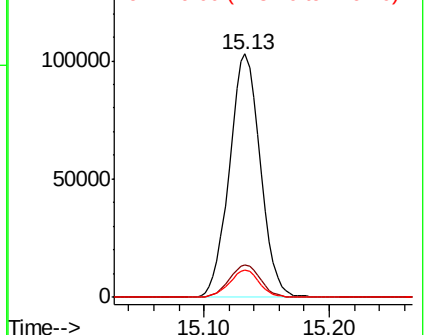
129 10.9 8.6 12.8



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: 15.92 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051217.D

Acq: 15 Sep 2018 12:57

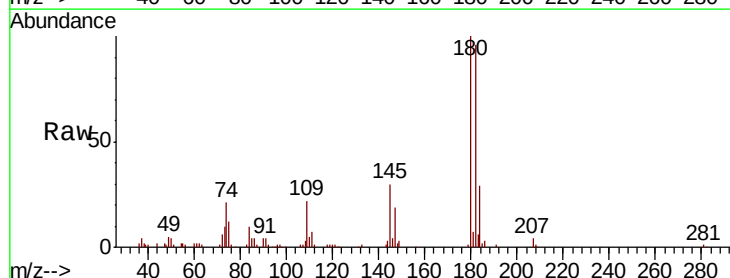
Tgt Ion:180 Resp: 104054

Ion Ratio Lower Upper

180 100

182 96.5 47.8 143.3

145 29.6 14.6 43.8



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

