

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN091119\  
 Data File : VN057863.D  
 Acq On : 10 Sep 2019 15:33  
 Operator : JC/SP  
 Sample : VN0911WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

Quant Time: Sep 11 03:53:24 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091019W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 10 03:02:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 316082   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.58  | 114  | 517547   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 486104   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 280208   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.01   | 65  | 328832   | 51.36 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.72% |      |
| 35) Dibromofluoromethane    | 7.58   | 113 | 233983   | 48.98 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.96%  |      |
| 50) Toluene-d8              | 10.08  | 98  | 958989   | 51.71 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.42% |      |
| 62) 4-Bromofluorobenzene    | 12.40  | 95  | 327484   | 46.34 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 92.68%  |      |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 92491   | 21.159  | ug/l   | 96     |
| 3) Chloromethane              | 2.03 | 50  | 87065   | 19.542  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.16 | 62  | 92220   | 19.558  | ug/l   | 100    |
| 5) Bromomethane               | 2.54 | 94  | 53591   | 19.762  | ug/l   | 98     |
| 6) Chloroethane               | 2.68 | 64  | 57483   | 19.131  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 115595  | 19.480  | ug/l   | 100    |
| 8) Diethyl Ether              | 3.39 | 74  | 47133   | 19.044  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.73 | 101 | 75888   | 20.273  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.93 | 142 | 74053   | 17.777  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 4.77 | 59  | 80160   | 103.453 | ug/l # | 87     |
| 12) 1,1-Dichloroethene        | 3.71 | 96  | 64026   | 19.023  | ug/l   | 97     |
| 13) Acrolein                  | 3.58 | 56  | 53891   | 81.979  | ug/l   | 100    |
| 14) Allyl chloride            | 4.30 | 41  | 123023  | 18.677  | ug/l   | 98     |
| 15) Acrylonitrile             | 4.96 | 53  | 213197  | 100.105 | ug/l   | 99     |
| 16) Acetone                   | 3.80 | 43  | 212749  | 101.372 | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.03 | 76  | 92870   | 17.831  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.31 | 43  | 126304  | 22.572  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.02 | 73  | 285421  | 20.377  | ug/l   | 96     |
| 20) Methylene Chloride        | 4.53 | 84  | 85363   | 20.643  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 69723   | 19.163  | ug/l   | 97     |
| 22) Diisopropyl ether         | 5.93 | 45  | 313871  | 20.320  | ug/l   | 96     |
| 23) Vinyl Acetate             | 5.87 | 43  | 1132778 | 103.479 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 5.83 | 63  | 167290  | 19.817  | ug/l   | 100    |
| 25) 2-Butanone                | 6.82 | 43  | 308203  | 101.465 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 6.81 | 77  | 131153  | 19.631  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.81 | 96  | 95561   | 19.599  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.18 | 49  | 88103   | 20.890  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.20 | 42  | 188927  | 100.936 | ug/l   | 99     |
| 30) Chloroform                | 7.36 | 83  | 173655  | 19.674  | ug/l   | 99     |
| 31) Cyclohexane               | 7.64 | 56  | 123763  | 20.180  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 137480  | 19.639  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.78 | 75  | 108369  | 18.055  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.91 | 43  | 121635  | 19.614  | ug/l   | 100    |
| 38) Carbon Tetrachloride      | 7.76 | 117 | 105799  | 19.307  | ug/l   | 99     |

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 Operator : JC/SP  
 Sample : VN0911WBS01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

Quant Time: Sep 11 03:53:24 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091019W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 10 03:02:13 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 117443   | 18.613  | ug/l   | 96       |
| 40) Benzene                    | 8.03  | 78   | 355581   | 19.677  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.19  | 41   | 182210   | 64.728  | ug/l # | 39       |
| 42) 1,2-Dichloroethane         | 8.11  | 62   | 144580   | 20.005  | ug/l   | 90       |
| 43) Isopropyl Acetate          | 8.15  | 43   | 211504   | 20.281  | ug/l   | 98       |
| 44) Trichloroethene            | 8.83  | 130  | 83645    | 18.872  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.11  | 63   | 104596   | 19.892  | ug/l   | 99       |
| 46) Dibromomethane             | 9.20  | 93   | 62909    | 19.799  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 127003   | 20.016  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.19  | 41   | 102358   | 19.349  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.19  | 88   | 36018    | 402.614 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 658573   | 106.714 | ug/l   | 99       |
| 52) Toluene                    | 10.15 | 92   | 223211   | 19.612  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 130992   | 19.605  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 145250   | 19.690  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 98704    | 20.473  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 143511   | 19.767  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 167496   | 20.160  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 341922   | 99.995  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 481169   | 104.021 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 83657    | 18.687  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 90069    | 19.761  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 68152    | 18.988  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 246599   | 19.384  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 85216    | 19.304  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.51 | 91   | 441950   | 19.823  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 327679   | 40.124  | ug/l   | 99       |
| 69) o-Xylene                   | 11.95 | 106  | 157552   | 19.405  | ug/l   | 96       |
| 70) Styrene                    | 11.97 | 104  | 282346   | 20.207  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 51463    | 18.699  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.25 | 105  | 450266   | 20.708  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 187536   | 19.818  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 146641   | 20.030  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.56 | 75   | 170746   | 26.937  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 104598   | 19.295  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 521046   | 20.869  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 311175   | 19.719  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.74 | 105  | 377210   | 20.532  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 33183    | 18.422  | ug/l   | 90       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 323306   | 19.950  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.00 | 119  | 329621   | 20.184  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 379717   | 20.336  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 448354   | 20.714  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 397710   | 20.853  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.29 | 146  | 194067   | 19.503  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.37 | 146  | 192771   | 19.086  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.62 | 91   | 361405   | 20.066  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 56271    | 19.839  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 196803   | 19.797  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.28 | 75   | 24043    | 19.886  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN091119\  
Data File : VN057863.D  
Acq On : 10 Sep 2019 15:33  
Operator : JC/SP  
Sample : VN0911WBS01  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

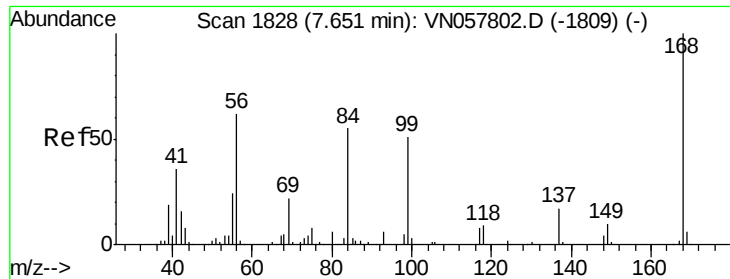
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0911WBS01

Quant Time: Sep 11 03:53:24 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091019W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 10 03:02:13 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.92 | 180  | 117359   | 18.062 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 53740    | 19.511 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 334712   | 19.445 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 111977   | 20.345 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampled :

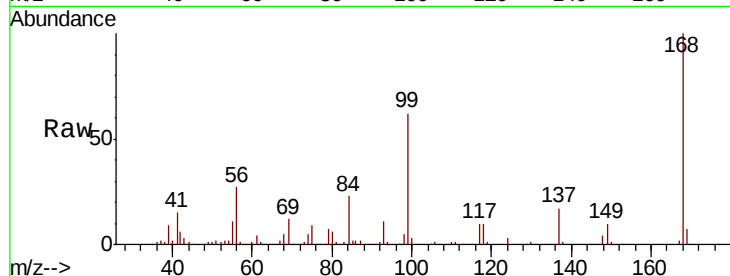
VN0911WBS01

Tgt Ion:168 Resp: 316082

Ion Ratio Lower Upper

168 100

99 61.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

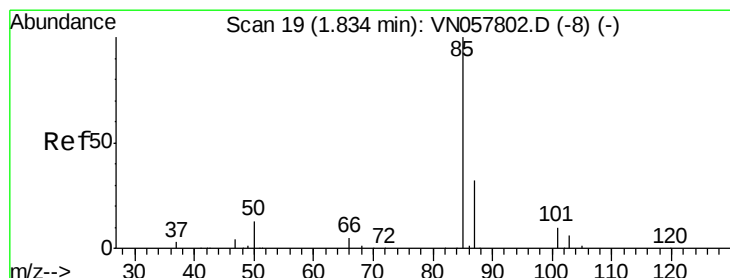
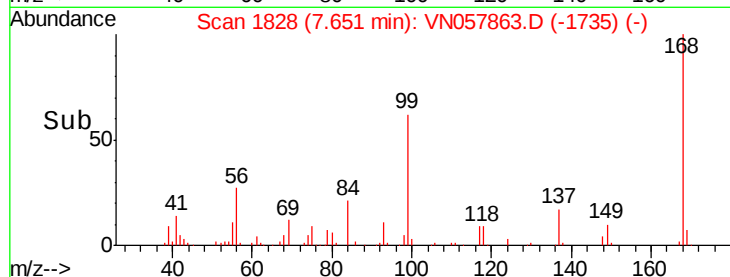
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50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.159 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057863.D

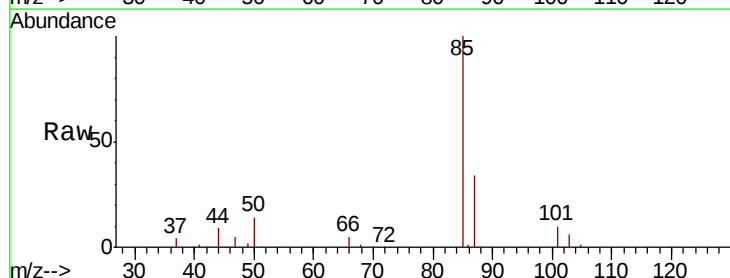
Acq: 10 Sep 2019 15:33

Tgt Ion: 85 Resp: 92491

Ion Ratio Lower Upper

85 100

87 33.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

60000

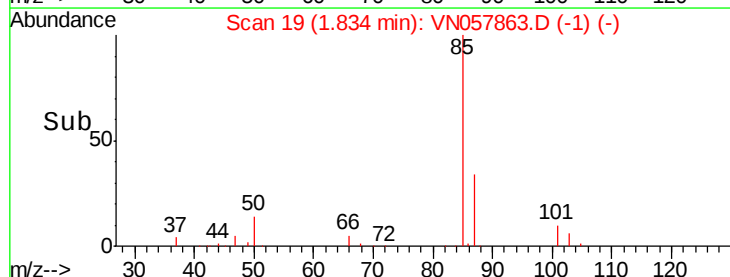
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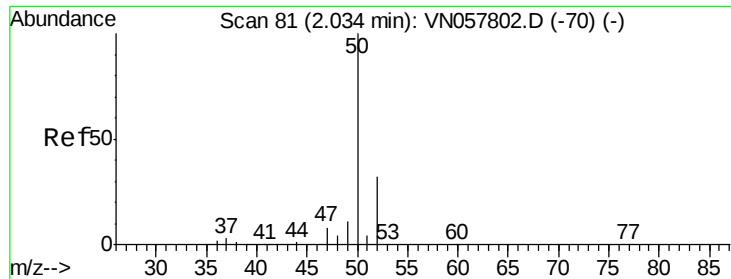
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1.75 1.80 1.85 1.90 1.95

Time-->

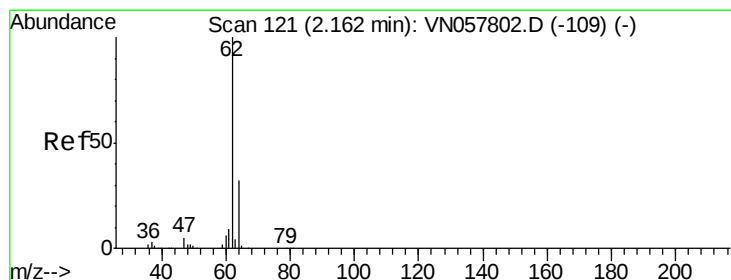
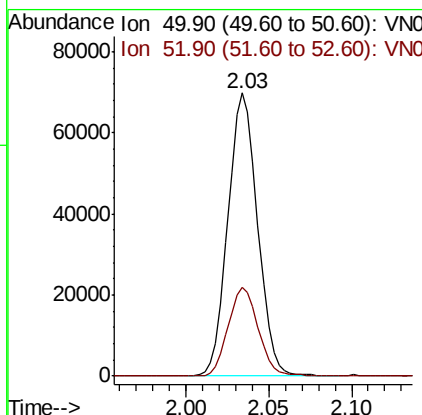
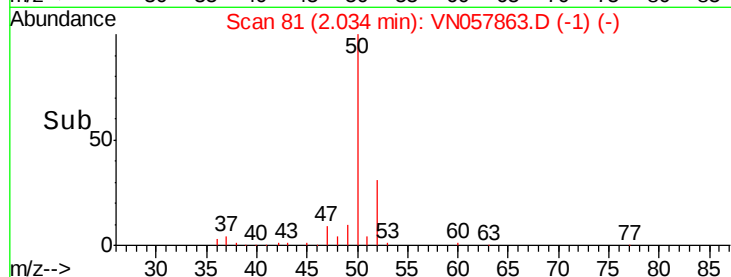
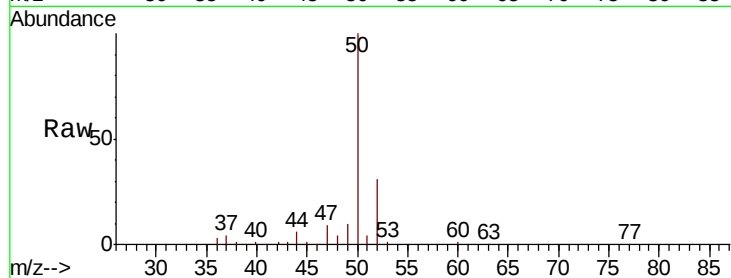




#3  
 Chloromethane  
 Concen: 19.542 ug/l  
 RT: 2.03 min Scan# 81  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

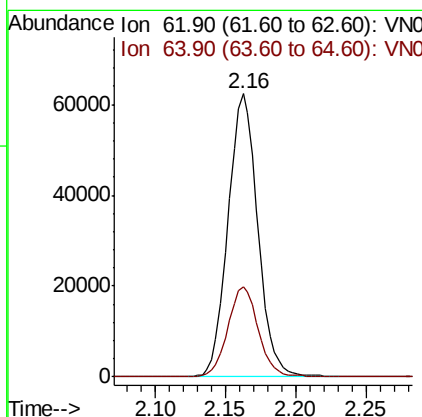
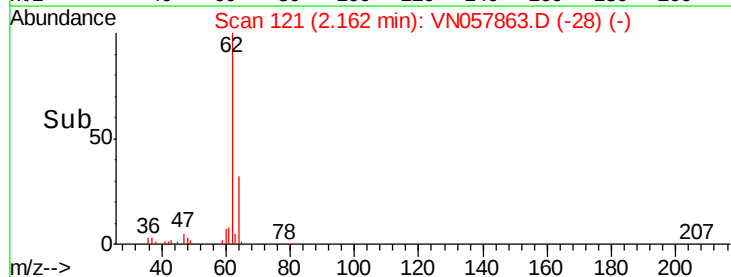
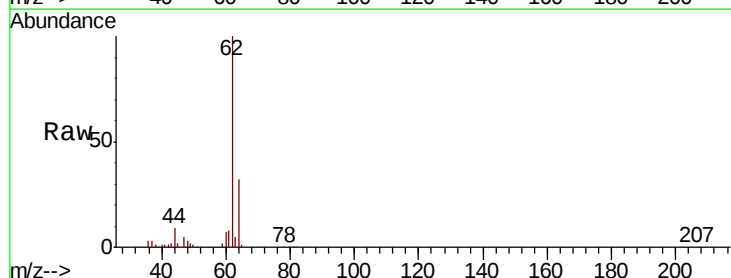
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

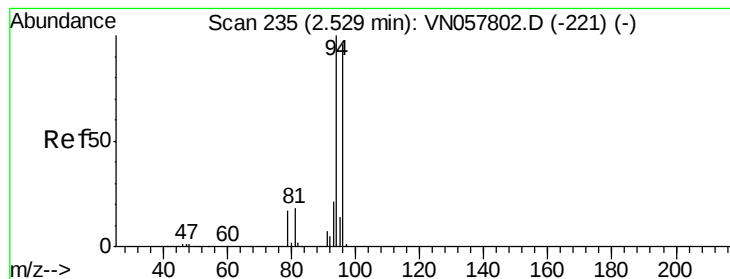
Tgt Ion: 50 Resp: 87065  
 Ion Ratio Lower Upper  
 50 100  
 52 31.4 25.5 38.3



#4  
 Vinyl Chloride  
 Concen: 19.558 ug/l  
 RT: 2.16 min Scan# 121  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Tgt Ion: 62 Resp: 92220  
 Ion Ratio Lower Upper  
 62 100  
 64 32.0 25.6 38.4





#5

Bromomethane

Concen: 19.762 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.01 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampleId :

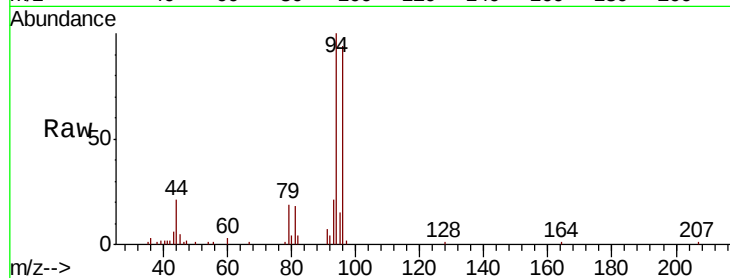
VN0911WBS01

Tgt Ion: 94 Resp: 53591

Ion Ratio Lower Upper

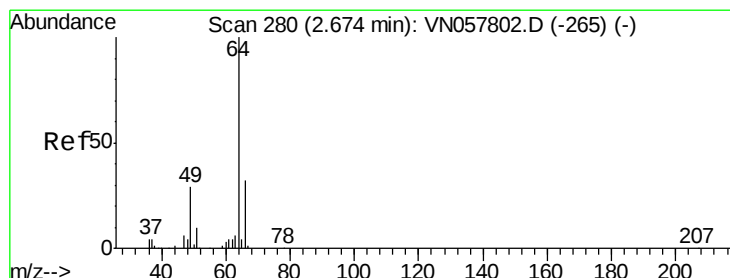
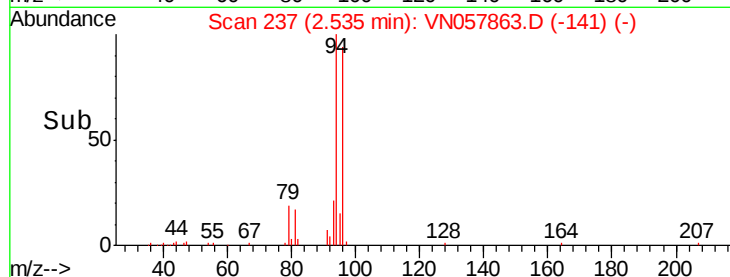
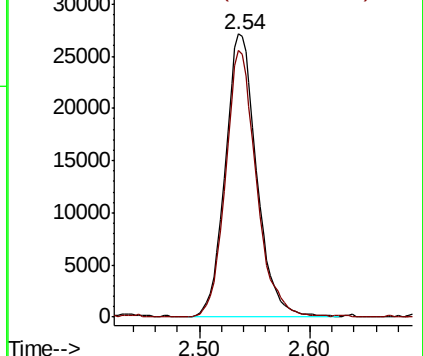
94 100

96 94.4 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.131 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.00 min

Lab File: VN057863.D

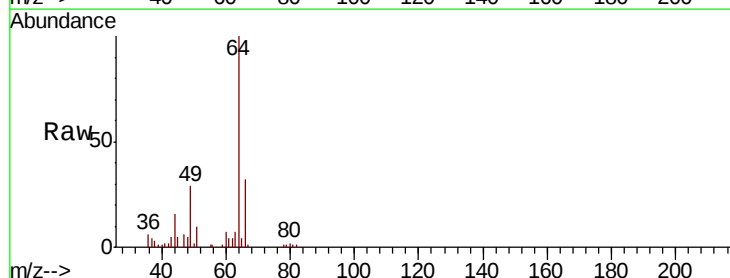
Acq: 10 Sep 2019 15:33

Tgt Ion: 64 Resp: 57483

Ion Ratio Lower Upper

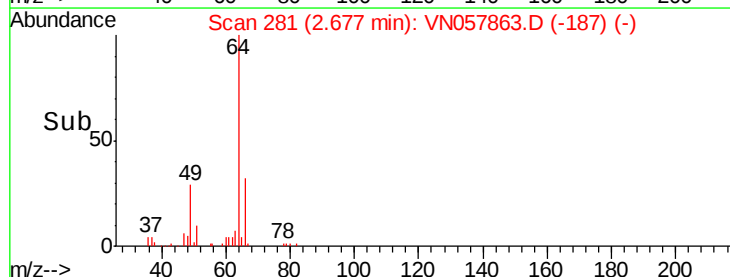
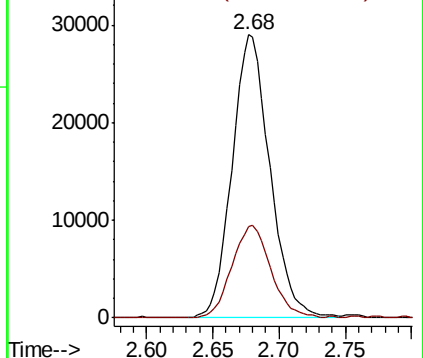
64 100

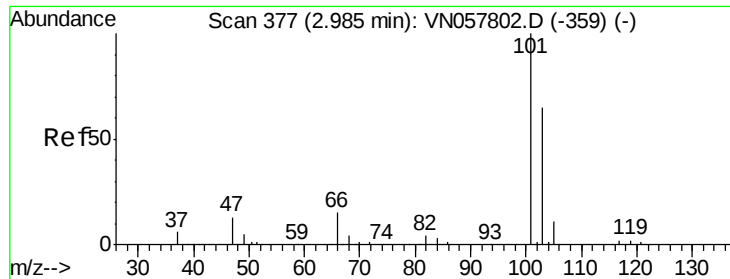
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



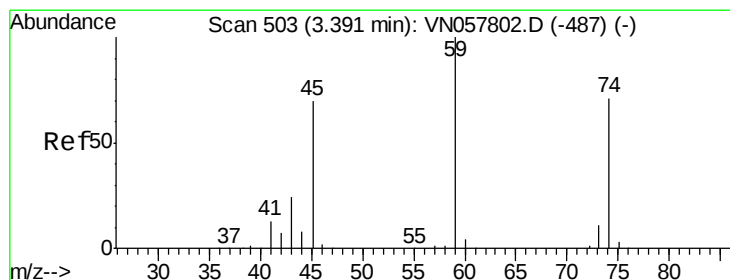
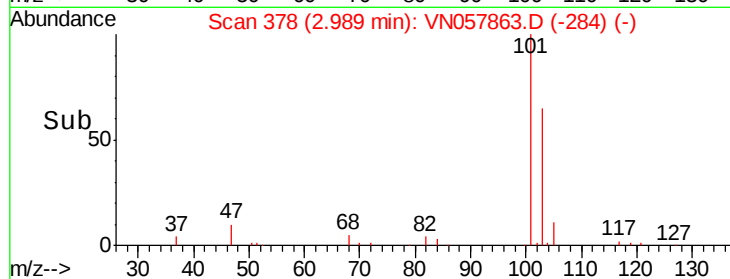
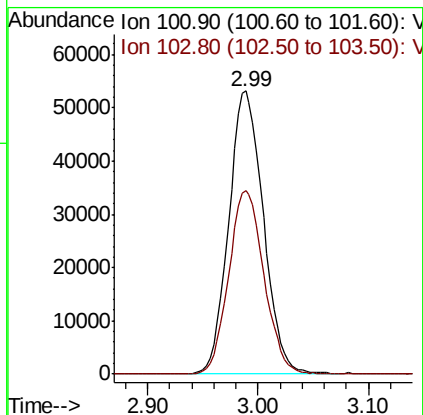
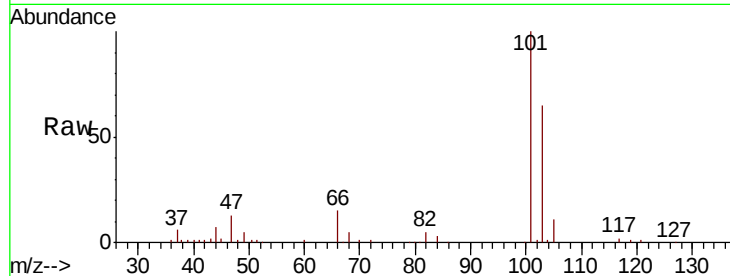


#7

Trichlorofluoromethane  
 Concen: 19.480 ug/l  
 RT: 2.99 min Scan# 378  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

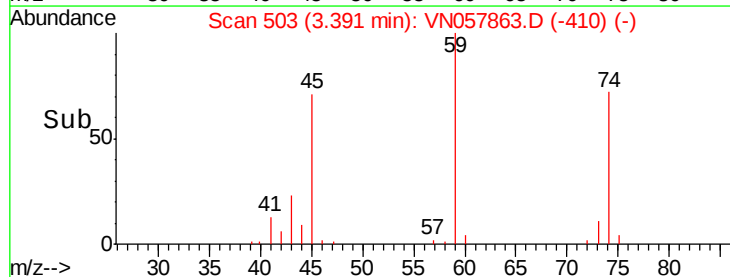
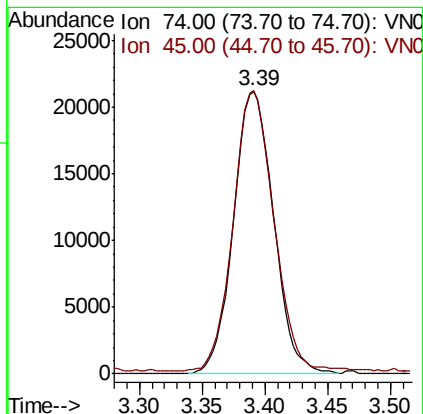
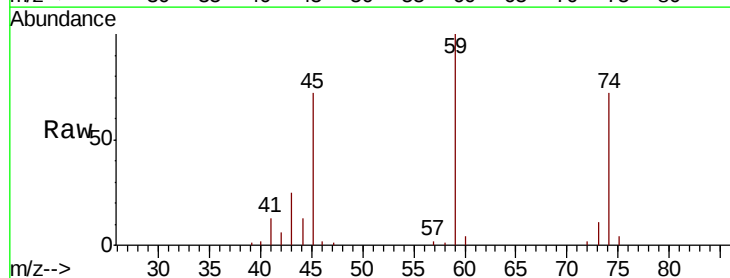
Tgt Ion:101 Resp: 115595  
 Ion Ratio Lower Upper  
 101 100  
 103 64.6 51.9 77.9

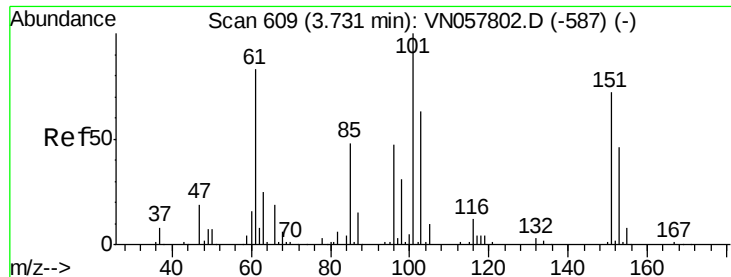


#8

Diethyl Ether  
 Concen: 19.044 ug/l  
 RT: 3.39 min Scan# 503  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Tgt Ion: 74 Resp: 47133  
 Ion Ratio Lower Upper  
 74 100  
 45 99.8 50.3 151.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.273 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampleId :

VN0911WBS01

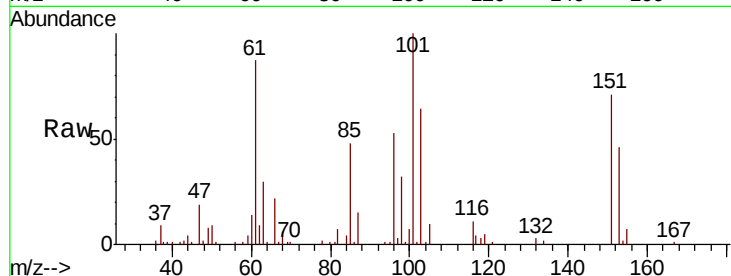
Tgt Ion:101 Resp: 75888

Ion Ratio Lower Upper

101 100

85 47.4 38.1 57.1

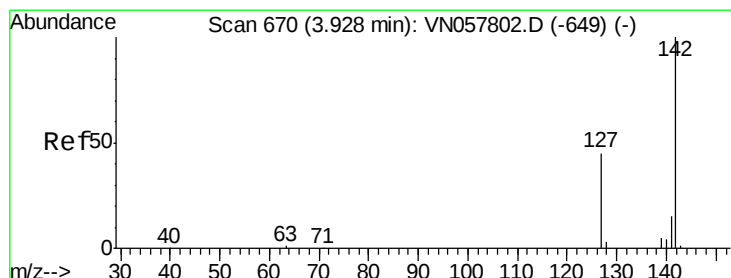
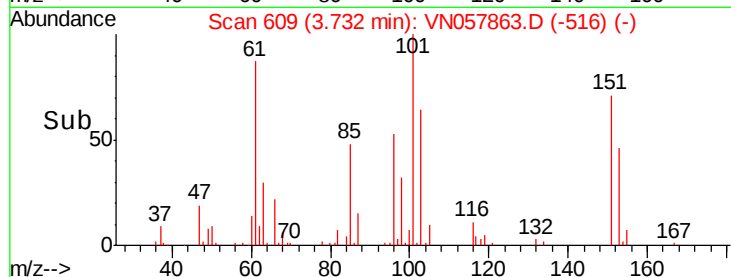
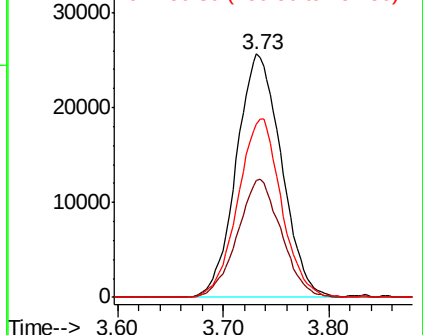
151 70.8 58.4 87.6



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: 17.777 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

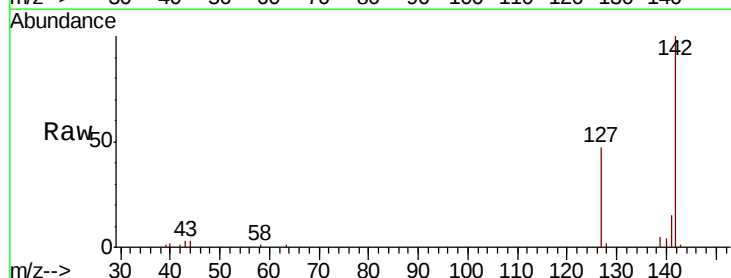
Tgt Ion:142 Resp: 74053

Ion Ratio Lower Upper

142 100

127 45.7 36.7 55.1

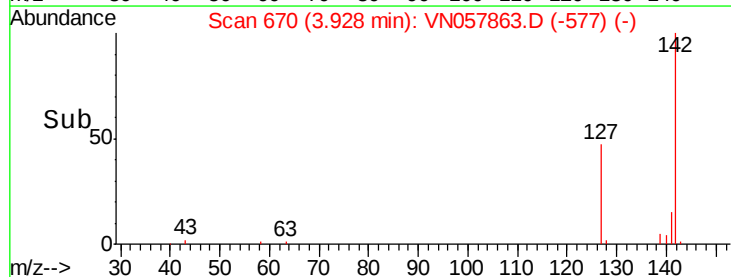
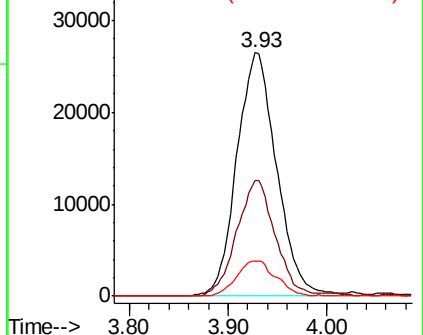
141 14.2 11.4 17.0

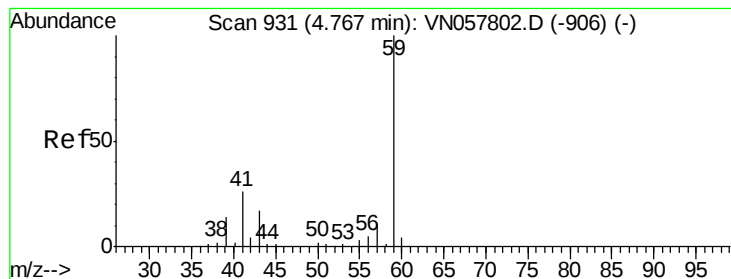


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



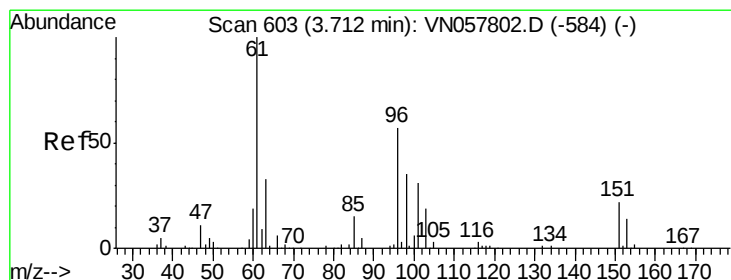
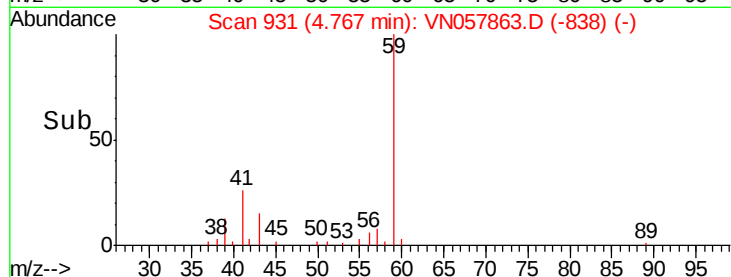
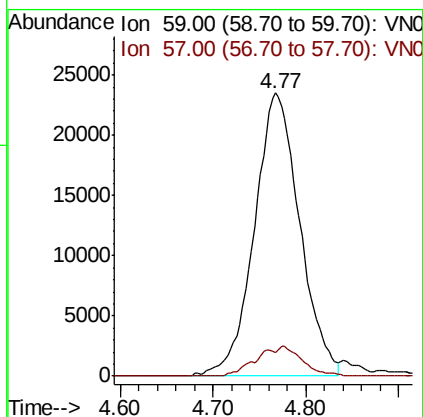
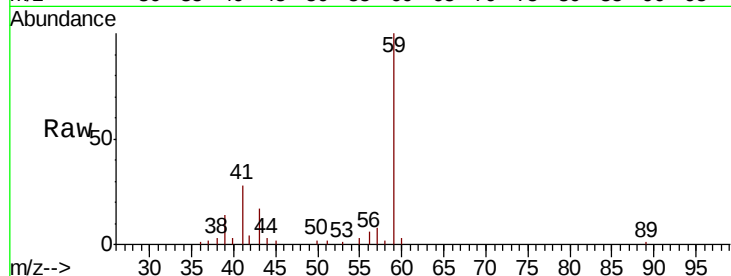


#11

Tert butyl alcohol  
 Concen: 103.453 ug/l  
 RT: 4.77 min Scan# 931  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

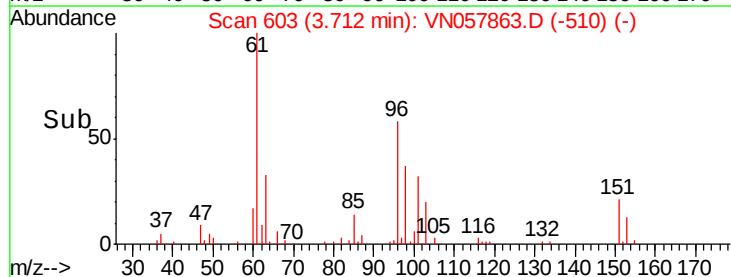
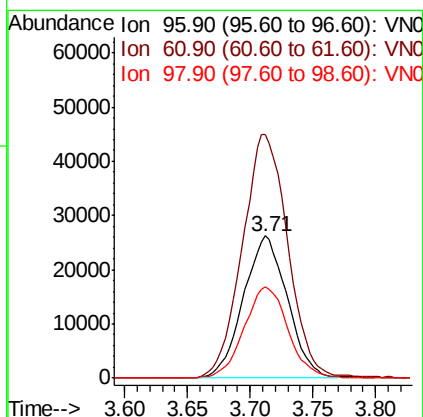
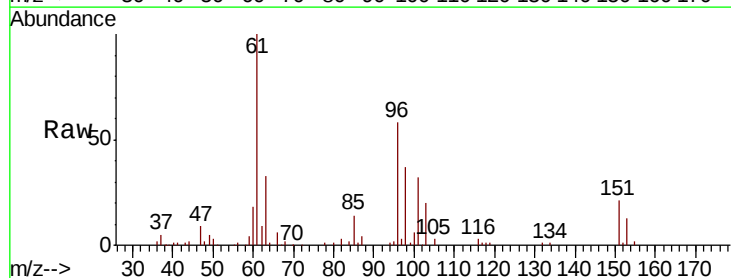
Tgt Ion: 59 Resp: 80160  
 Ion Ratio Lower Upper  
 59 100  
 57 5.8 8.4 12.6#

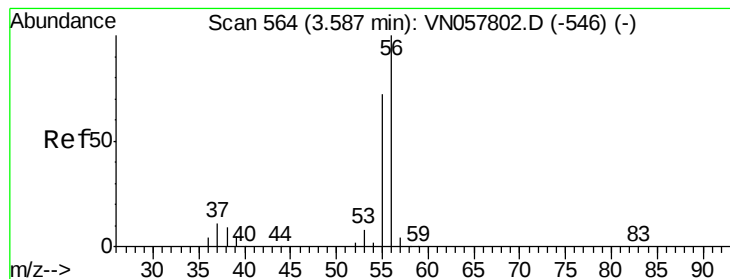


#12

1,1-Dichloroethene  
 Concen: 19.023 ug/l  
 RT: 3.71 min Scan# 603  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Tgt Ion: 96 Resp: 64026  
 Ion Ratio Lower Upper  
 96 100  
 61 171.2 141.2 211.8  
 98 63.9 49.9 74.9





#13

Acrolein

Concen: 81.979 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampleId :

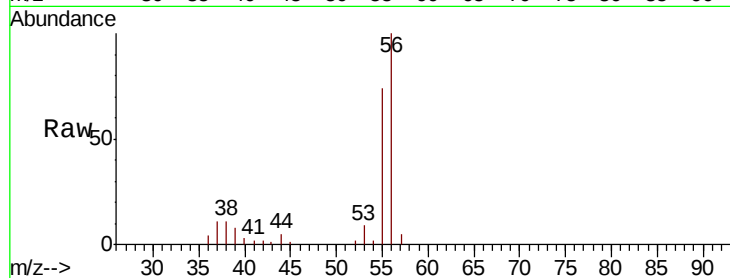
VN0911WBS01

Tgt Ion: 56 Resp: 53891

Ion Ratio Lower Upper

56 100

55 71.3 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

25000

20000

15000

10000

5000

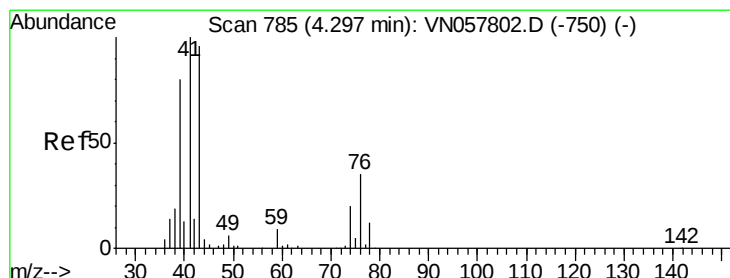
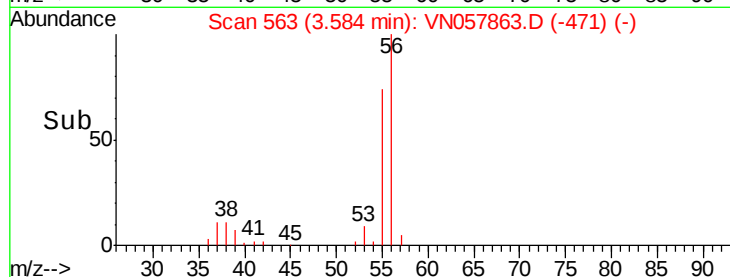
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 18.677 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

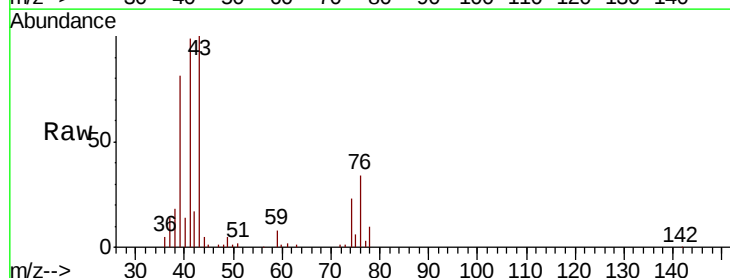
Tgt Ion: 41 Resp: 123023

Ion Ratio Lower Upper

41 100

39 75.2 59.4 89.2

76 30.8 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.30

50000

40000

30000

20000

10000

0

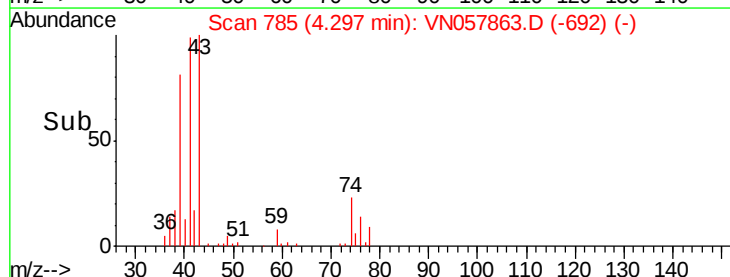
Time-->

4.10

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 100.105 ug/l

RT: 4.96 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampleId :

VN0911WBS01

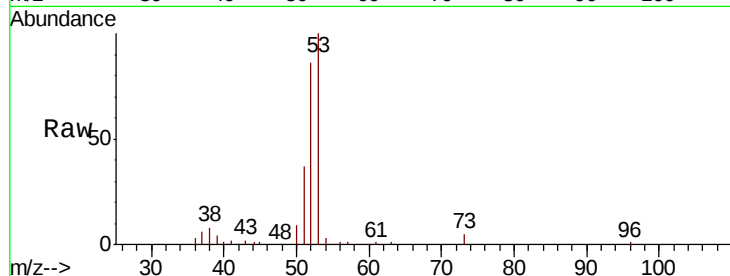
Tgt Ion: 53 Resp: 213197

Ion Ratio Lower Upper

53 100

52 84.3 66.6 100.0

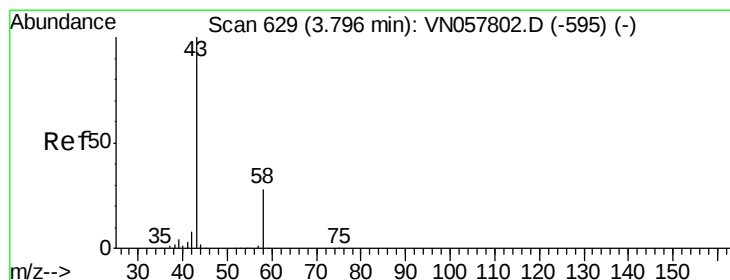
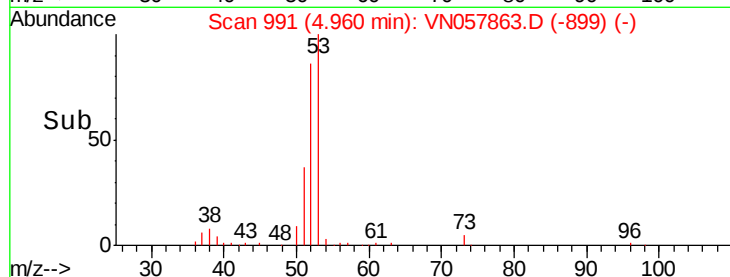
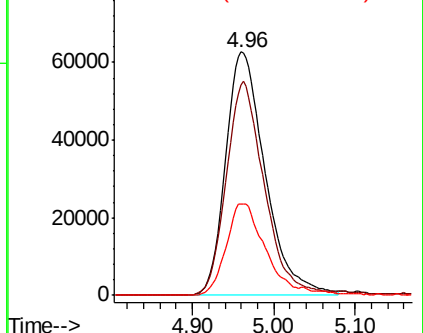
51 36.3 29.8 44.8



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: 101.372 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057863.D

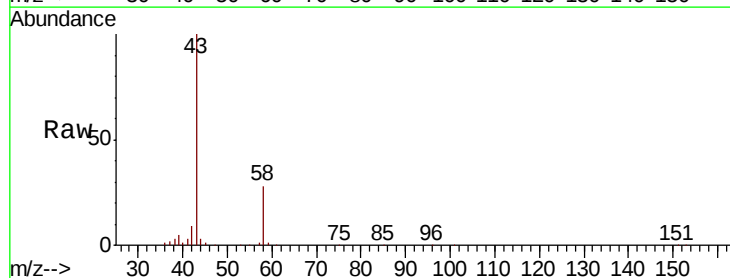
Acq: 10 Sep 2019 15:33

Tgt Ion: 43 Resp: 212749

Ion Ratio Lower Upper

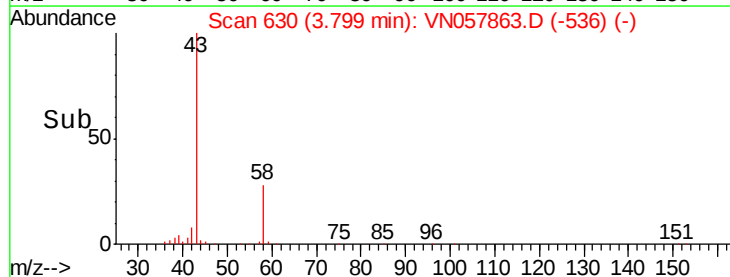
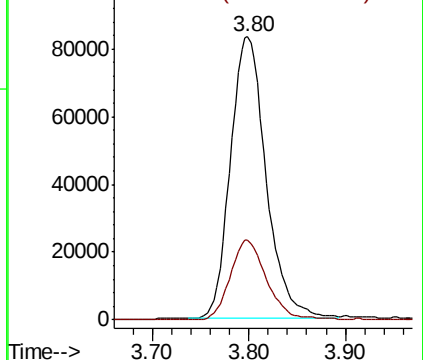
43 100

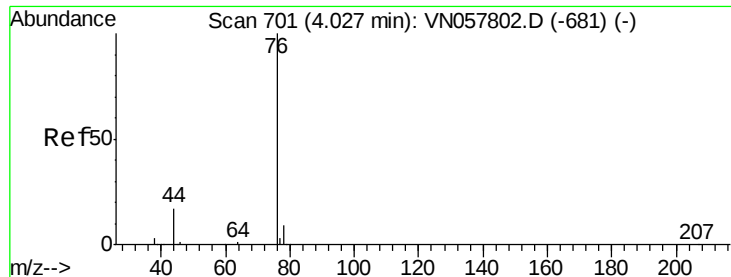
58 28.2 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

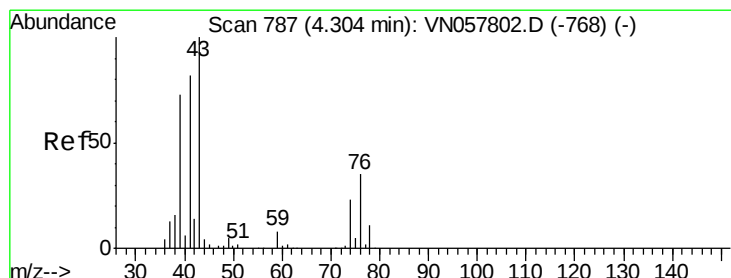
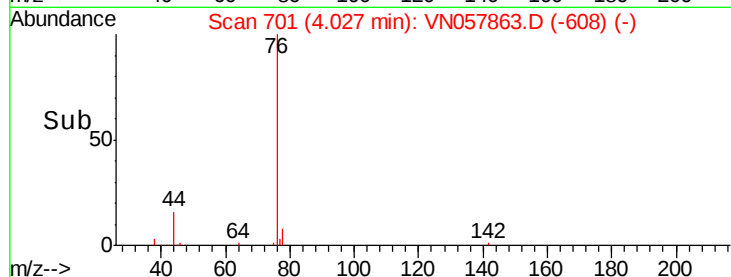
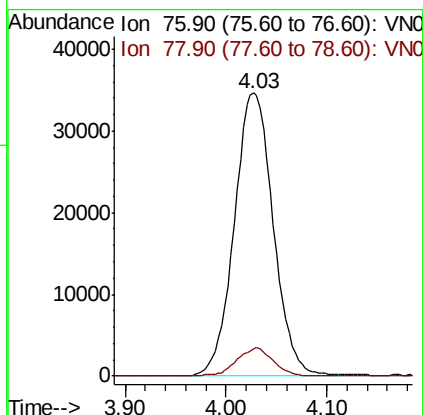
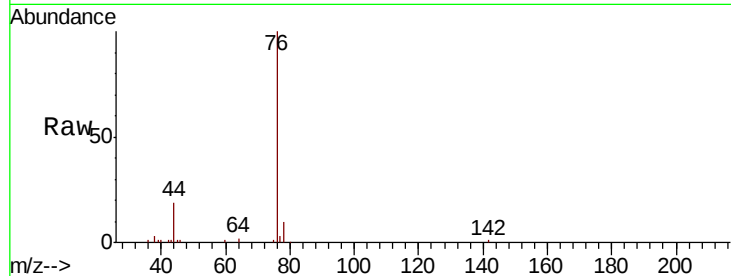




#17  
Carbon Disulfide  
Concen: 17.831 ug/l  
RT: 4.03 min Scan# 701  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

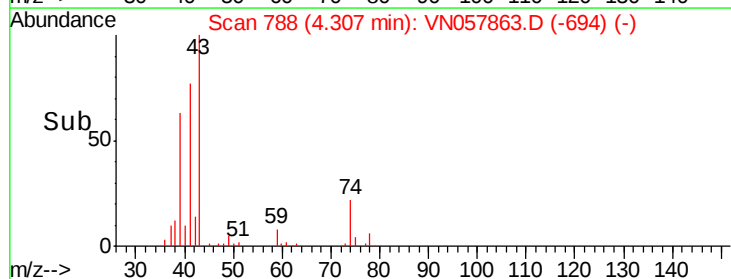
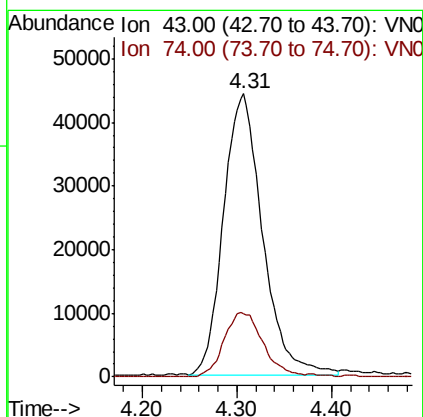
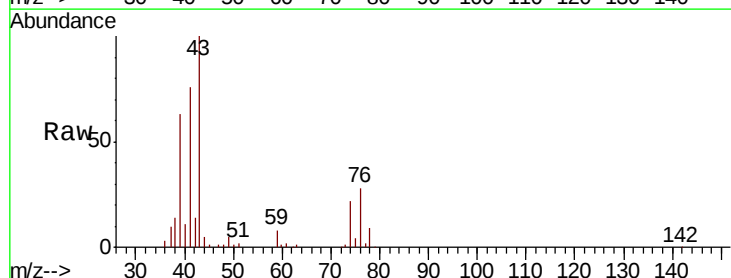
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0911WBS01

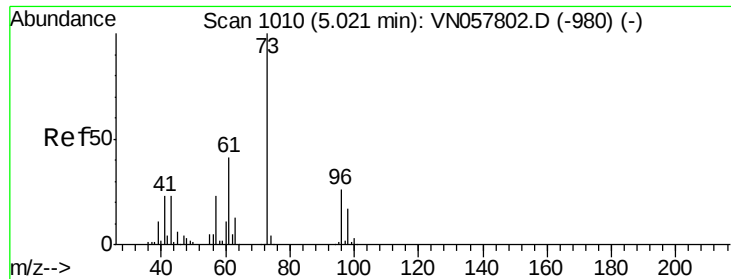
Tgt Ion: 76 Resp: 92870  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.1 10.7



#18  
Methyl Acetate  
Concen: 22.572 ug/l  
RT: 4.31 min Scan# 788  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

Tgt Ion: 43 Resp: 126304  
Ion Ratio Lower Upper  
43 100  
74 22.9 17.9 26.9

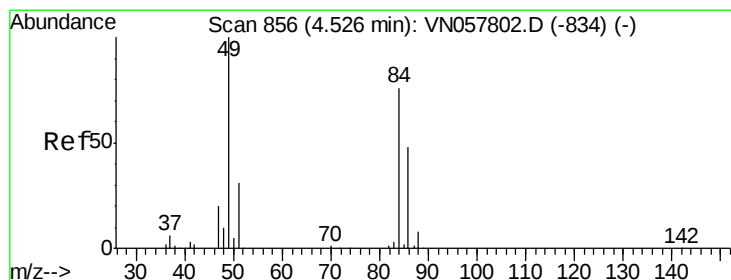
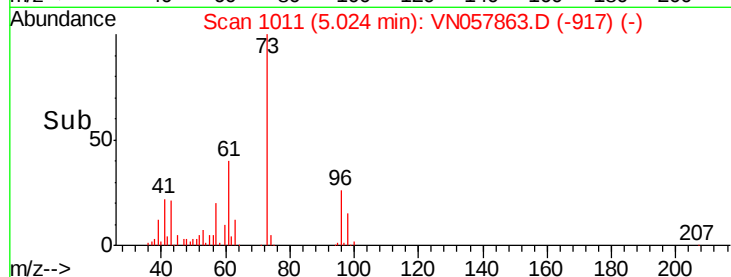
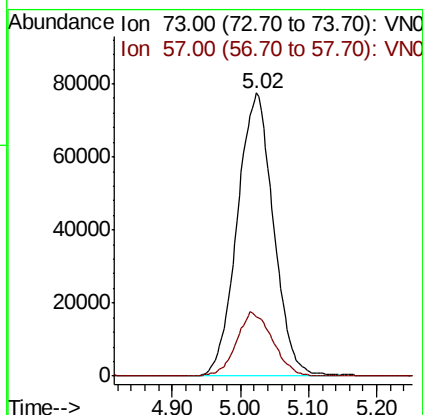
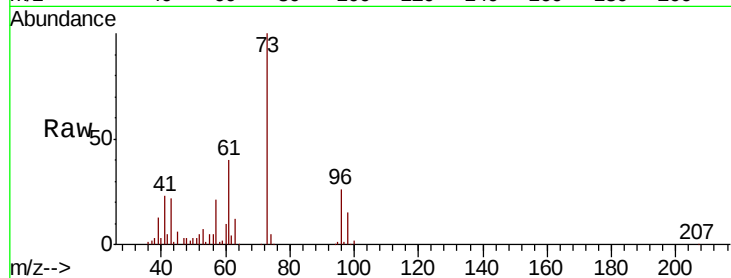




#19  
Methyl tert-butyl Ether  
Concen: 20.377 ug/l  
RT: 5.02 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

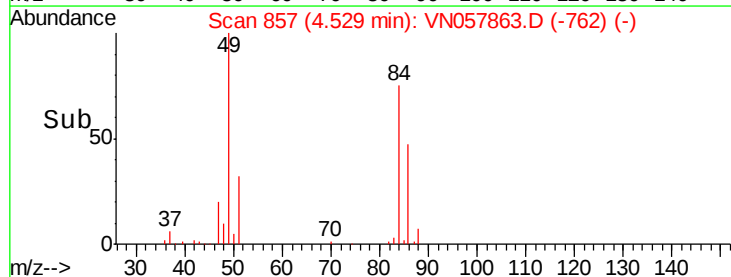
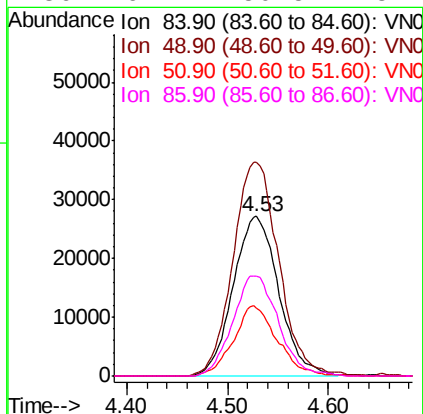
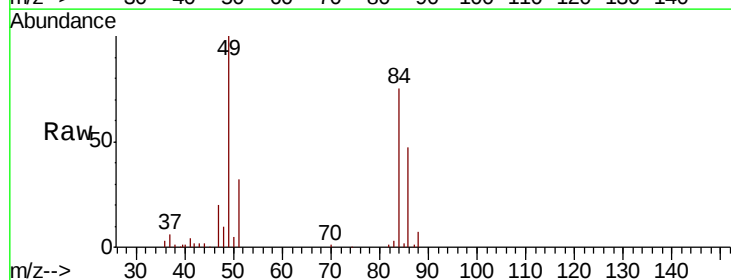
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0911WBS01

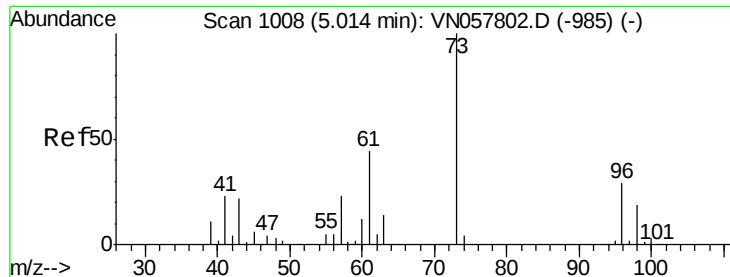
Tgt Ion: 73 Resp: 285421  
Ion Ratio Lower Upper  
73 100  
57 20.9 18.2 27.2



#20  
Methylene Chloride  
Concen: 20.643 ug/l  
RT: 4.53 min Scan# 857  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

Tgt Ion: 84 Resp: 85363  
Ion Ratio Lower Upper  
84 100  
49 133.8 104.8 157.2  
51 42.8 33.0 49.4  
86 62.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.163 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampled :

VN0911WBS01

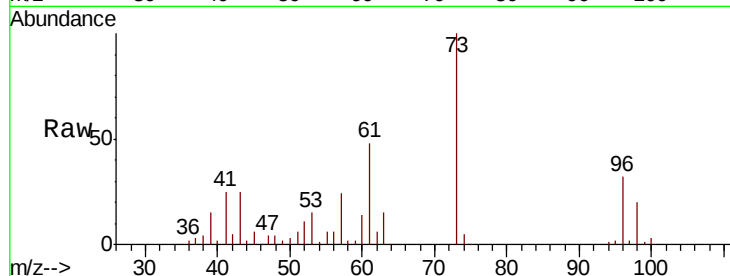
Tgt Ion: 96 Resp: 69723

Ion Ratio Lower Upper

96 100

61 148.6 121.9 182.9

98 61.6 52.2 78.4

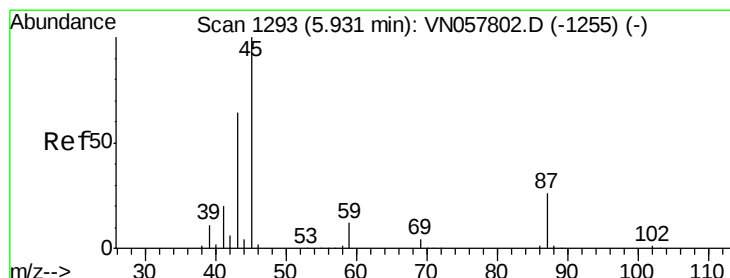
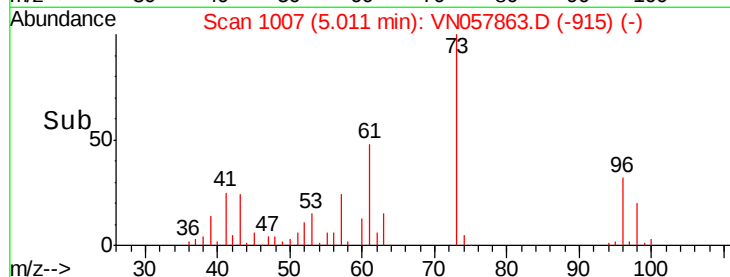
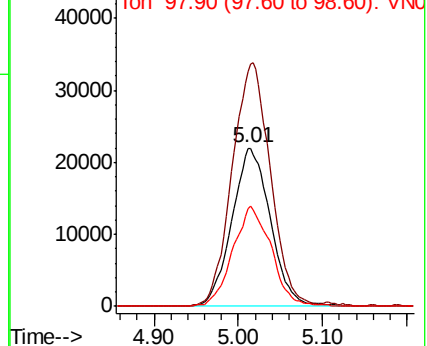


Abundance

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



#22

Diisopropyl ether

Concen: 20.320 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Tgt Ion: 45 Resp: 313871

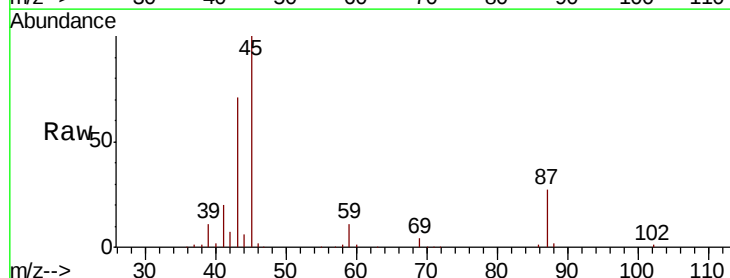
Ion Ratio Lower Upper

45 100

43 69.4 51.4 77.2

87 26.7 21.3 31.9

59 11.1 9.3 13.9



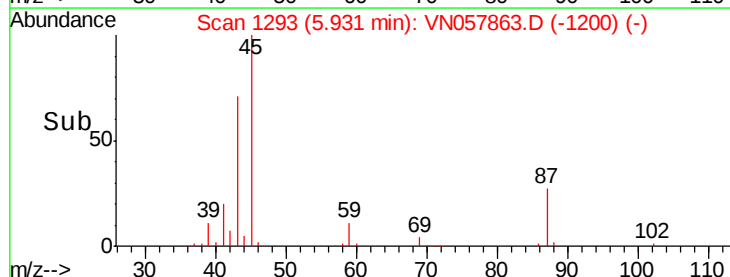
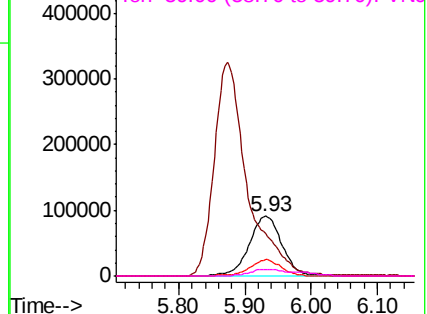
Abundance

Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 103.479 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampleId :

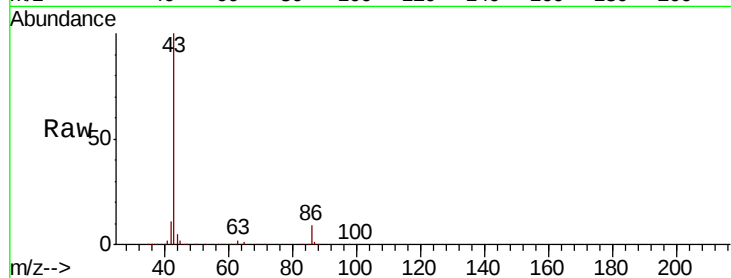
VN0911WBS01

Tgt Ion: 43 Resp: 1132778

Ion Ratio Lower Upper

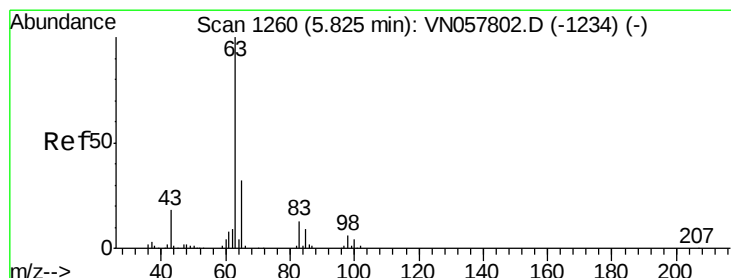
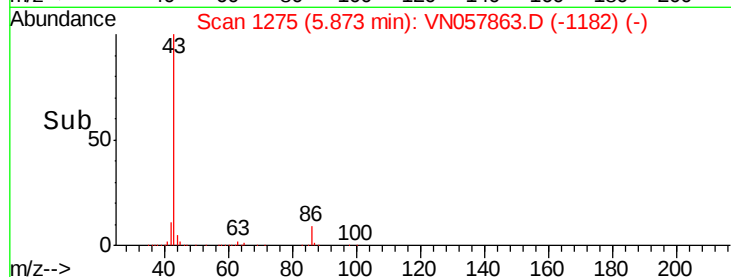
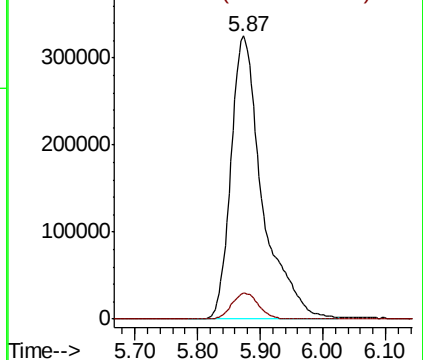
43 100

86 9.1 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.817 ug/l

RT: 5.83 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

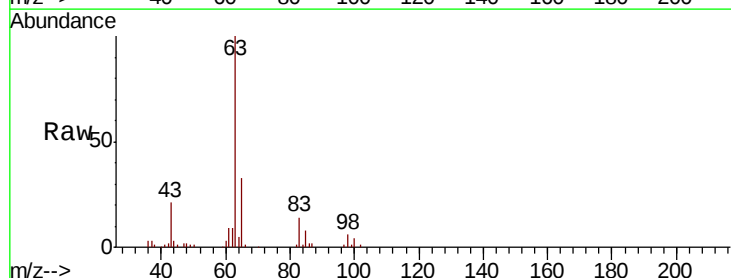
Tgt Ion: 63 Resp: 167290

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

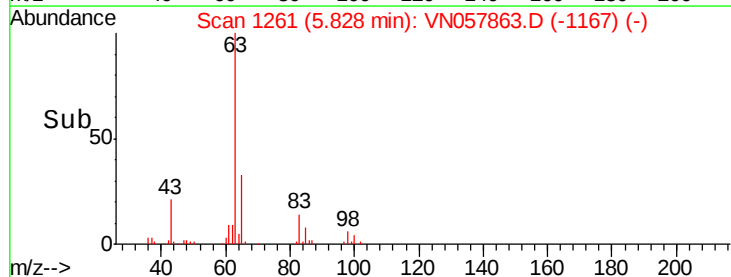
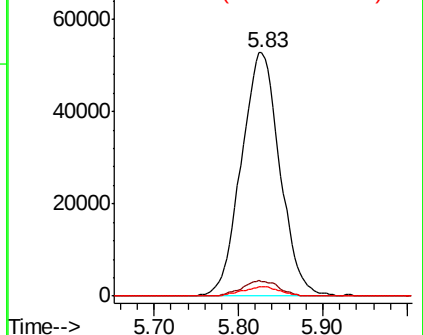
100 4.0 2.0 5.8

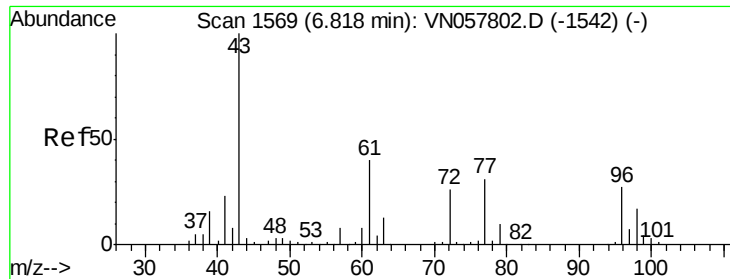


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

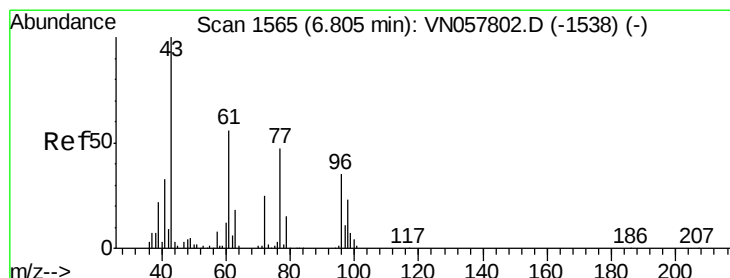
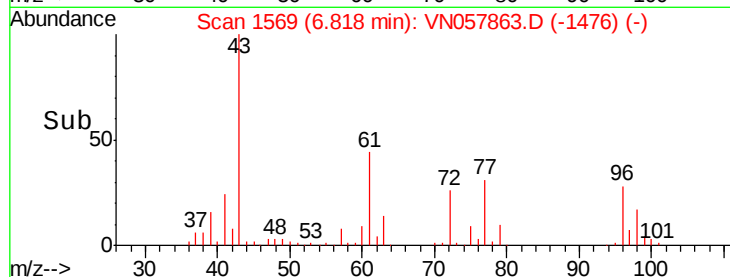
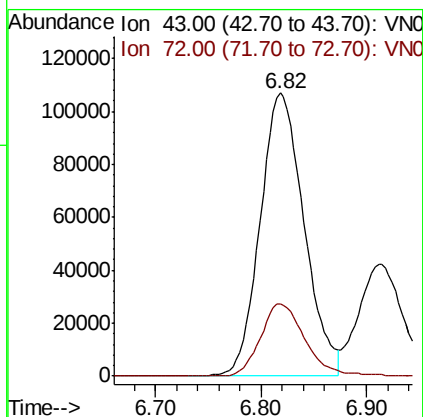
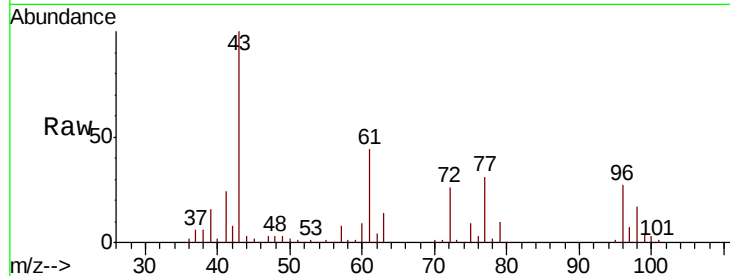




#25  
2-Butanone  
Concen: 101.465 ug/l  
RT: 6.82 min Scan# 1569  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

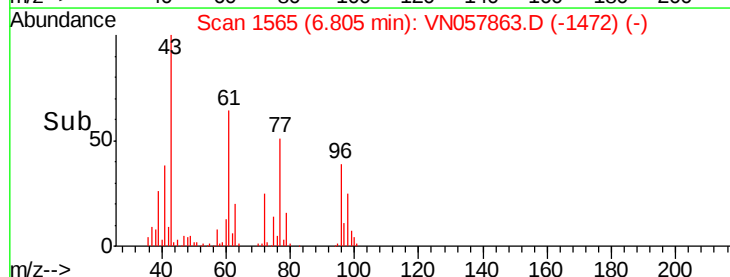
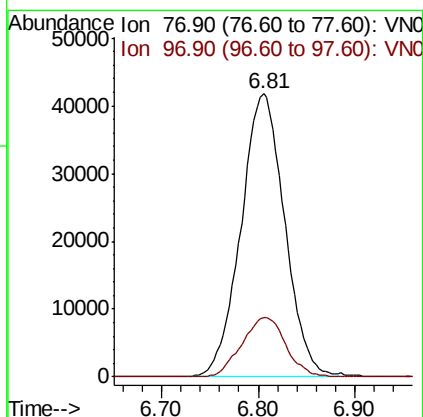
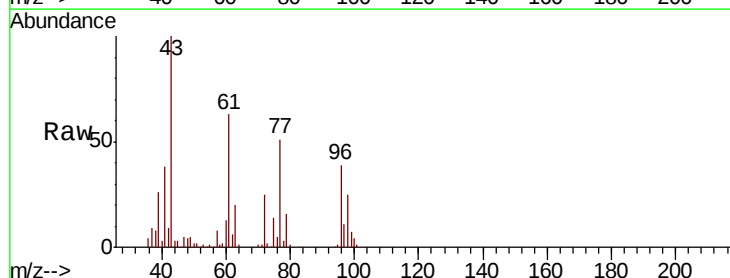
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0911WBS01

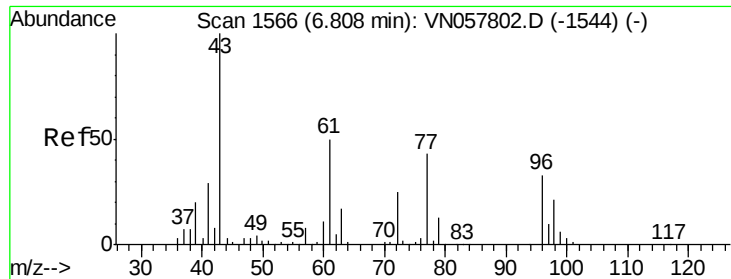
Tgt Ion: 43 Resp: 308203  
Ion Ratio Lower Upper  
43 100  
72 25.7 20.6 30.8



#26  
2,2-Dichloropropane  
Concen: 19.631 ug/l  
RT: 6.81 min Scan# 1565  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

Tgt Ion: 77 Resp: 131153  
Ion Ratio Lower Upper  
77 100  
97 21.1 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 19.599 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampleId :

VN0911WBS01

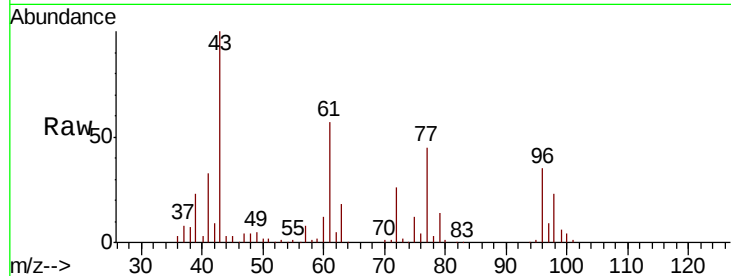
Tgt Ion: 96 Resp: 95561

Ion Ratio Lower Upper

96 100

61 160.7 0.0 314.0

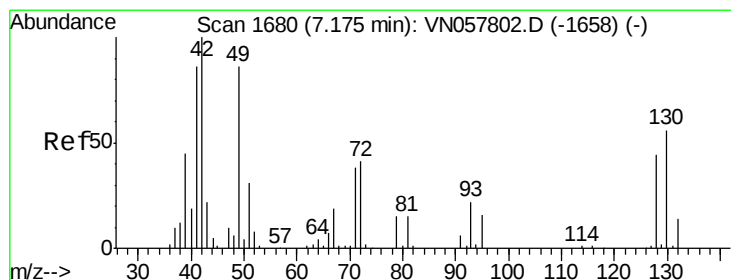
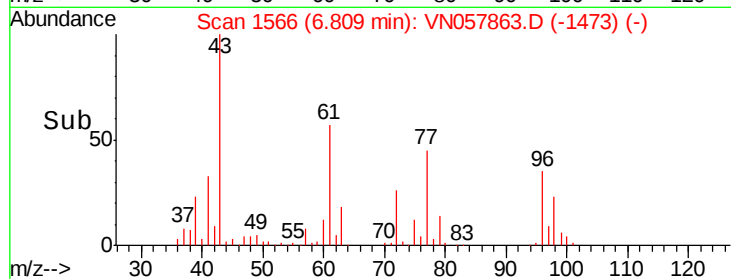
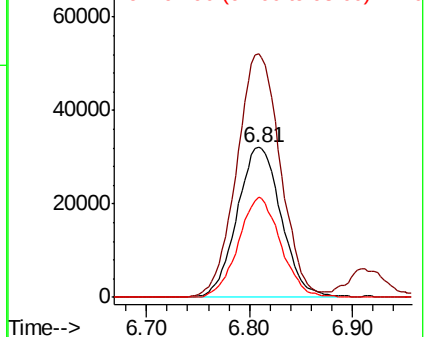
98 63.8 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.890 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

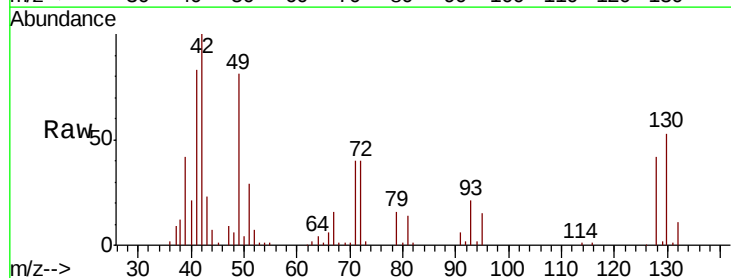
Tgt Ion: 49 Resp: 88103

Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.8

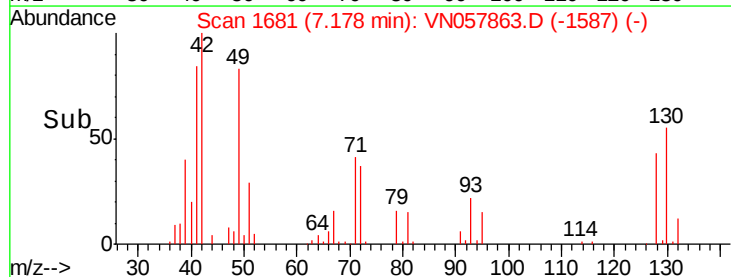
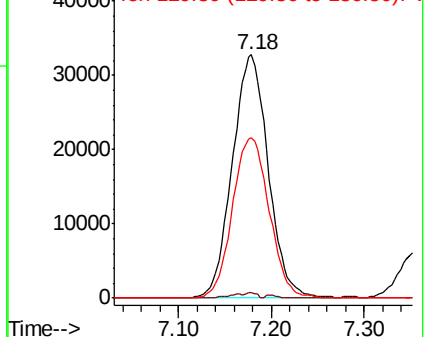
130 67.2 53.0 79.6

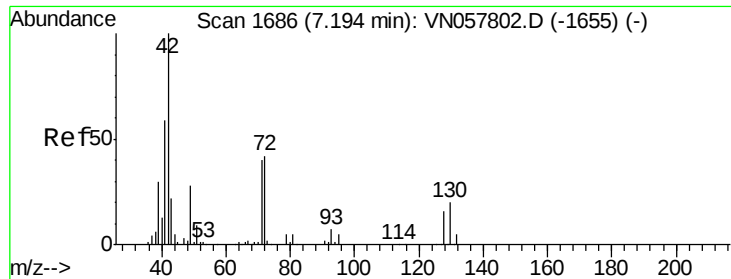


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

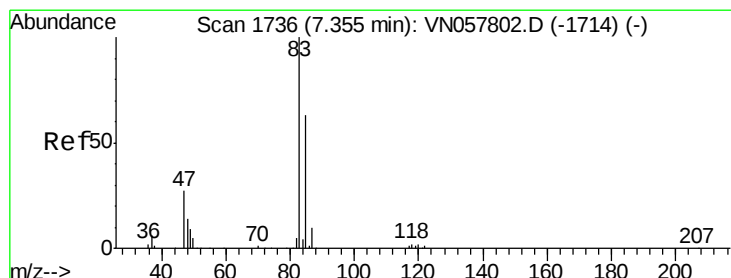
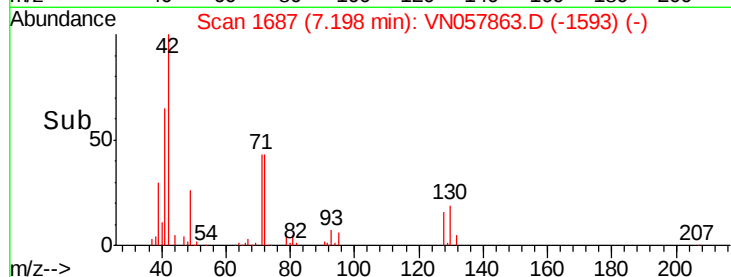
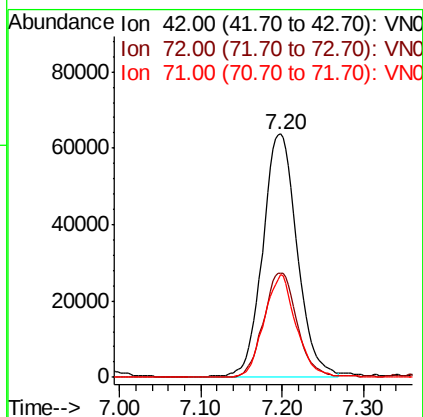
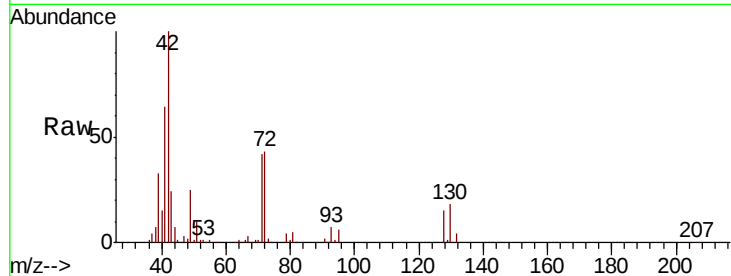




#29  
Tetrahydrofuran  
Concen: 100.936 ug/l  
RT: 7.20 min Scan# 1687  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

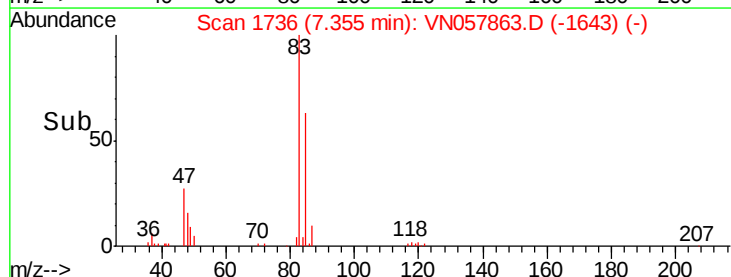
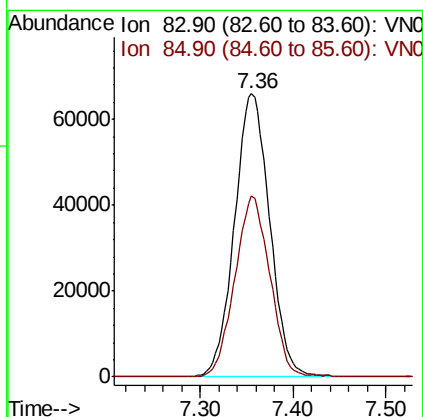
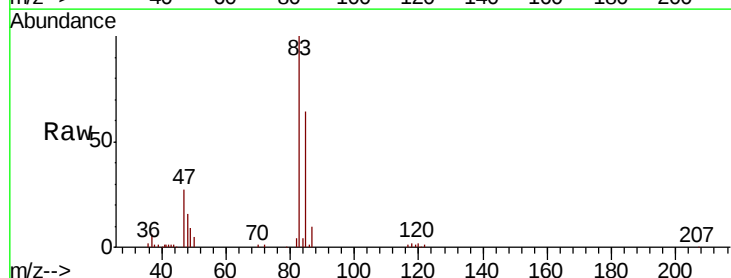
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0911WBS01

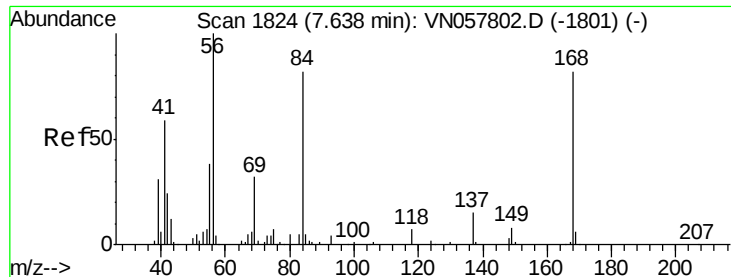
Tgt Ion: 42 Resp: 188927  
Ion Ratio Lower Upper  
42 100  
72 41.5 33.7 50.5  
71 39.0 31.9 47.9



#30  
Chloroform  
Concen: 19.674 ug/l  
RT: 7.36 min Scan# 1736  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

Tgt Ion: 83 Resp: 173655  
Ion Ratio Lower Upper  
83 100  
85 63.8 50.6 75.8

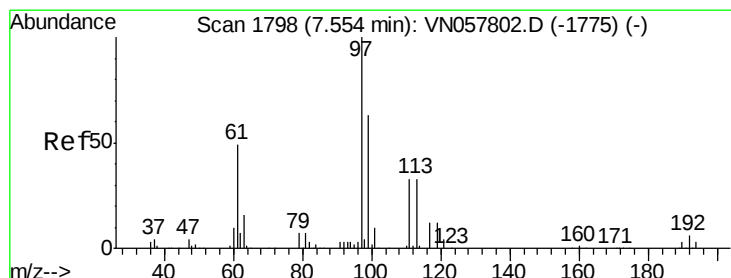
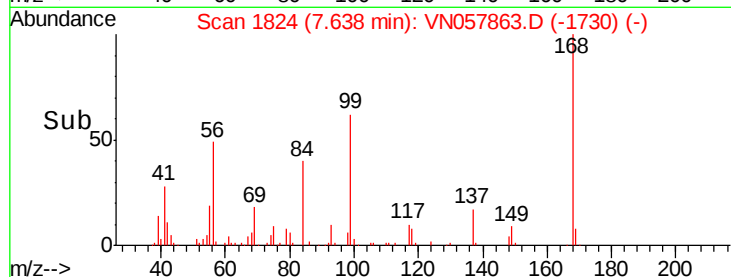
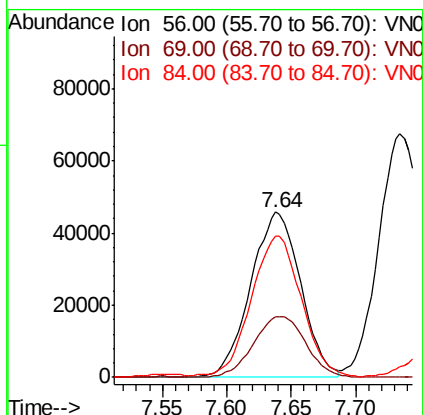
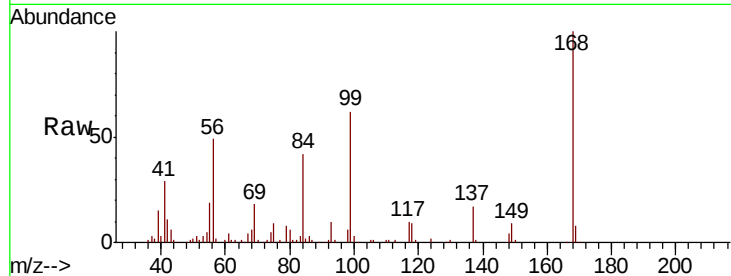




#31  
Cyclohexane  
Concen: 20.180 ug/l  
RT: 7.64 min Scan# 1824  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

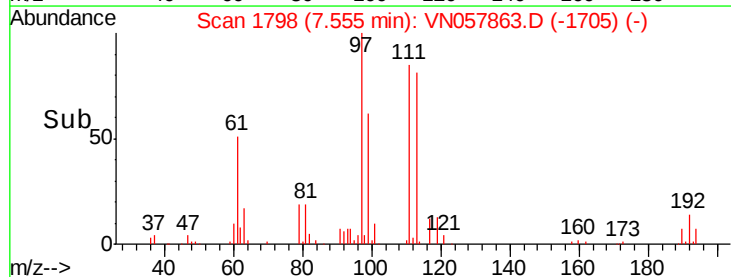
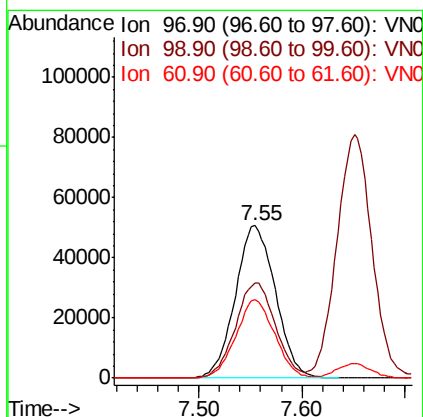
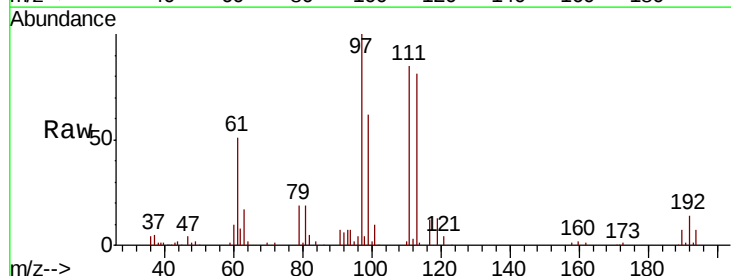
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0911WBS01

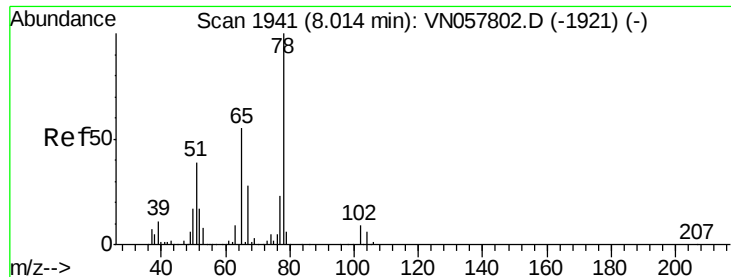
Tgt Ion: 56 Resp: 123763  
Ion Ratio Lower Upper  
56 100  
69 36.5 25.9 38.9  
84 84.6 65.6 98.4



#32  
1,1,1-Trichloroethane  
Concen: 19.639 ug/l  
RT: 7.55 min Scan# 1798  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

Tgt Ion: 97 Resp: 137480  
Ion Ratio Lower Upper  
97 100  
99 62.1 51.0 76.4  
61 49.7 39.0 58.6

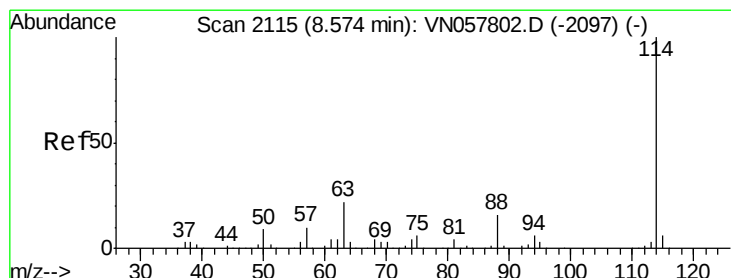
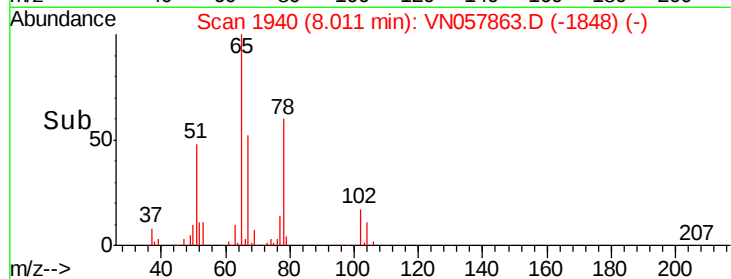
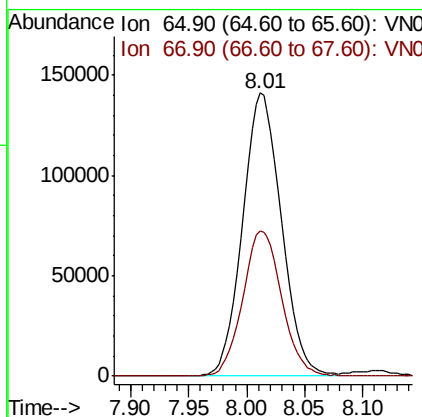
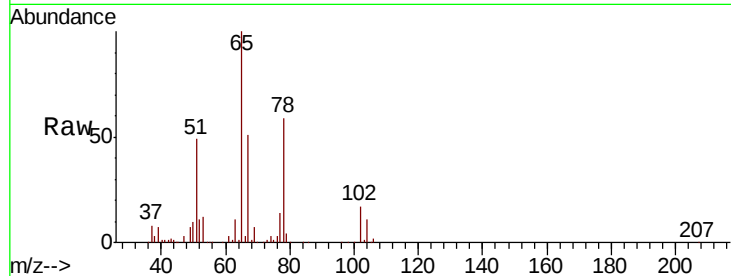




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.364 ug/l  
 RT: 8.01 min Scan# 1940  
 Delta R.T. -0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

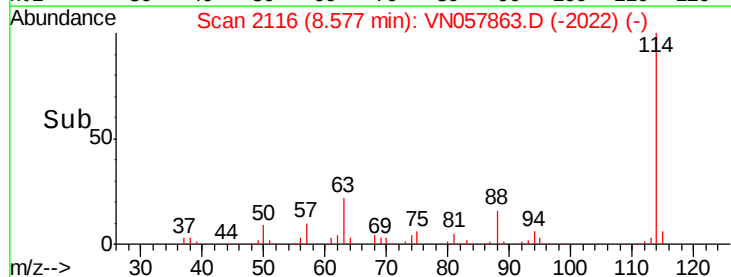
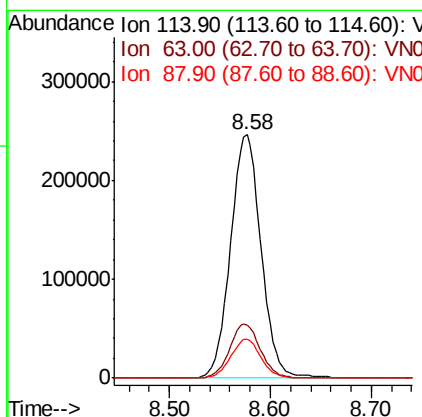
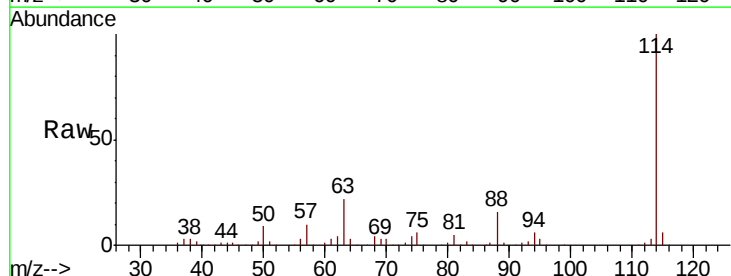
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

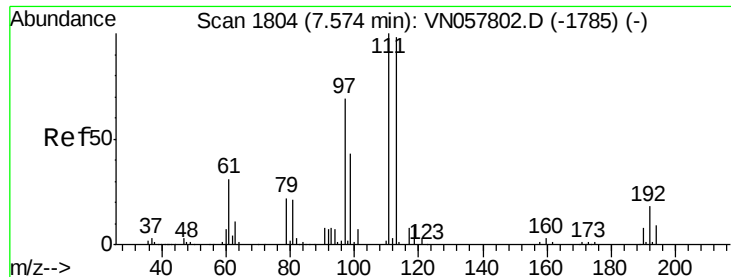
Tgt Ion: 65 Resp: 328832  
 Ion Ratio Lower Upper  
 65 100  
 67 51.5 0.0 104.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.58 min Scan# 2116  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Tgt Ion: 114 Resp: 517547  
 Ion Ratio Lower Upper  
 114 100  
 63 21.9 0.0 44.0  
 88 16.1 0.0 31.4

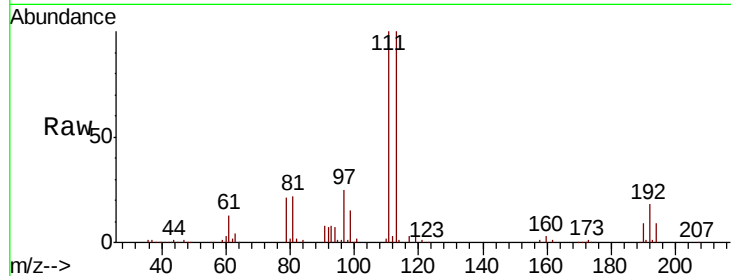




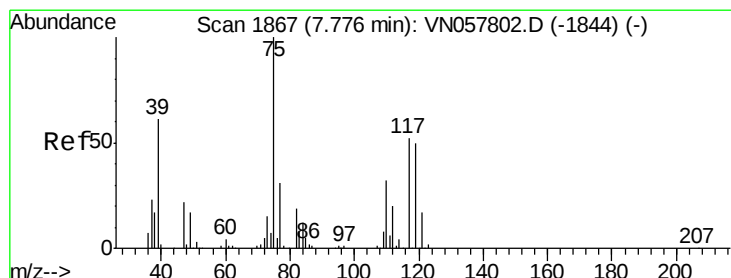
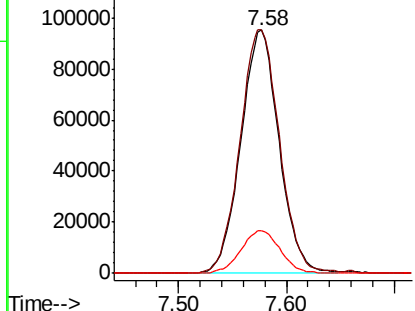
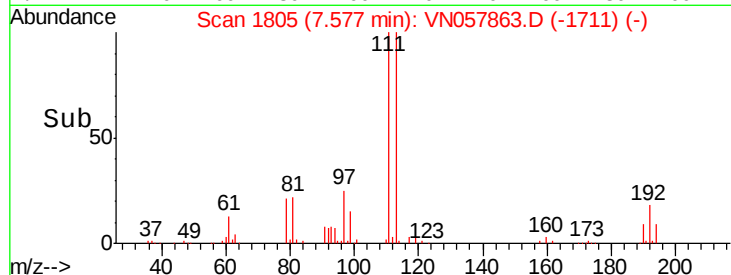
#35  
 Dibromofluoromethane  
 Concen: 48.984 ug/l  
 RT: 7.58 min Scan# 1805  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

Tgt Ion: 113 Resp: 233983  
 Ion Ratio Lower Upper  
 113 100  
 111 103.4 81.3 121.9  
 192 18.1 14.6 22.0

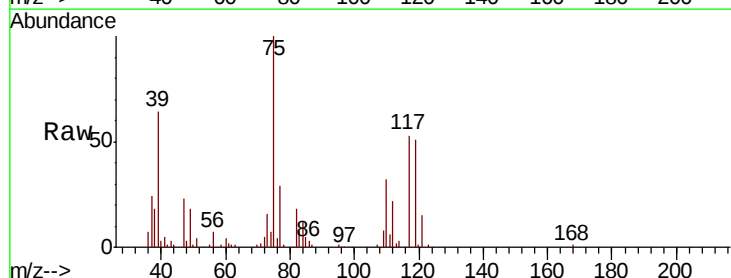


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

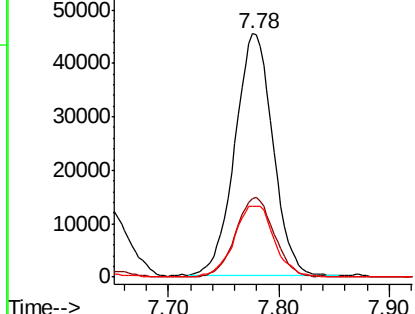
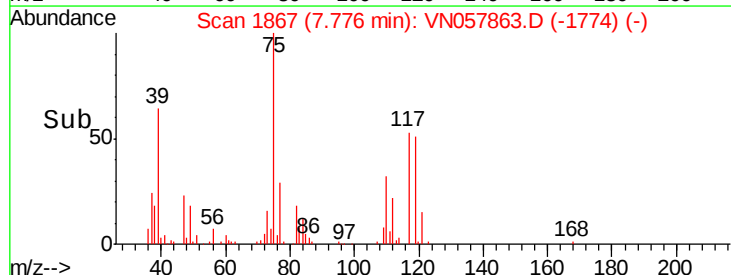


#36  
 1,1-Dichloropropene  
 Concen: 18.055 ug/l  
 RT: 7.78 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Tgt Ion: 75 Resp: 108369  
 Ion Ratio Lower Upper  
 75 100  
 110 33.4 16.3 48.9  
 77 31.2 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): V  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): V

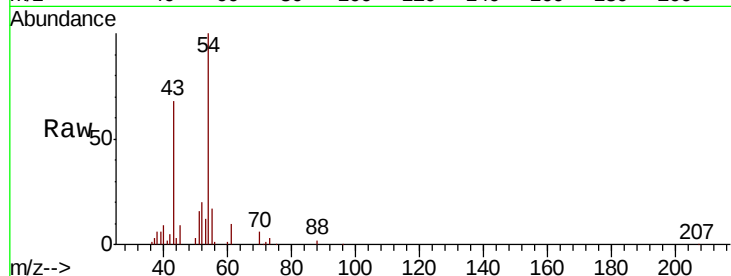




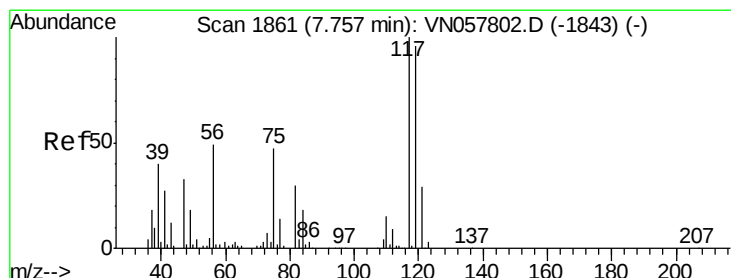
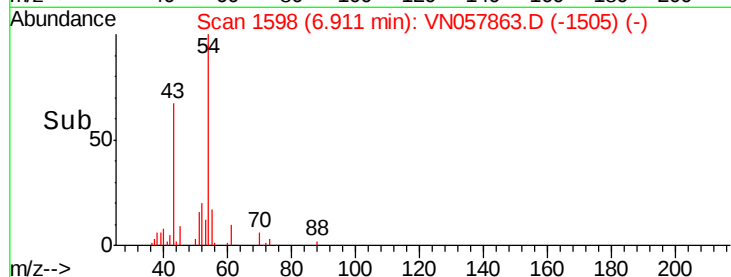
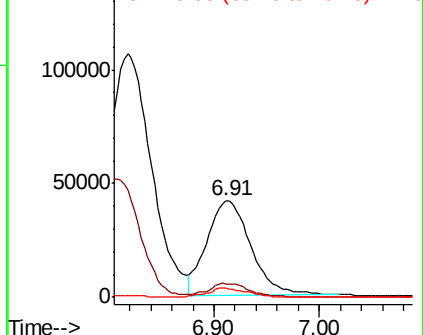
#37  
Ethyl Acetate  
Concen: 19.614 ug/l  
RT: 6.91 min Scan# 1598  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0911WBS01

Tgt Ion: 43 Resp: 121635  
Ion Ratio Lower Upper  
43 100  
61 13.1 10.5 15.7  
70 9.0 7.4 11.0

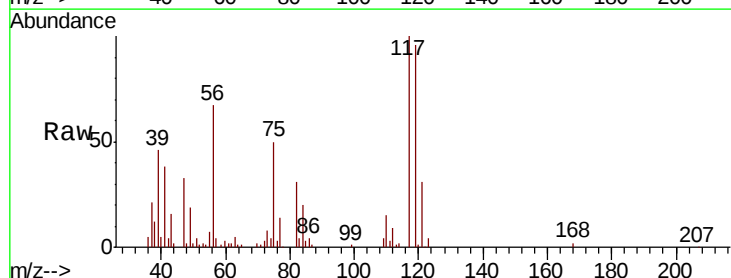


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

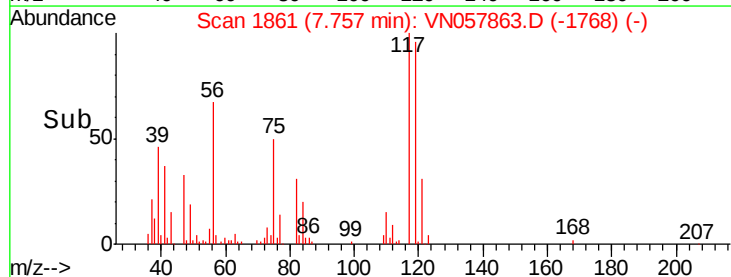
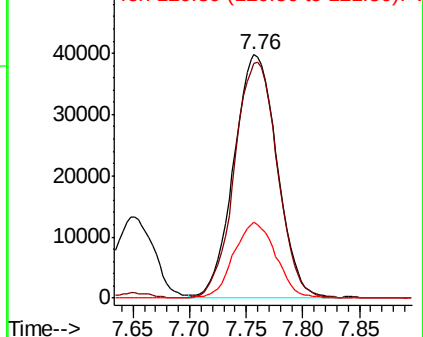


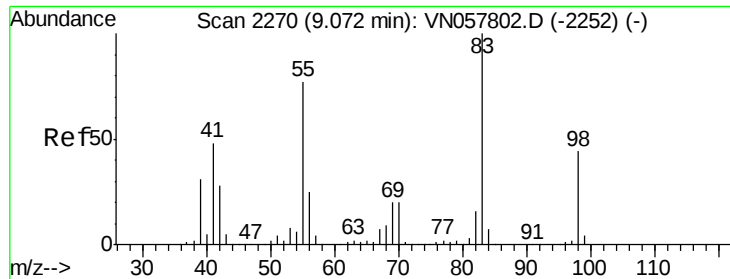
#38  
Carbon Tetrachloride  
Concen: 19.307 ug/l  
RT: 7.76 min Scan# 1861  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

Tgt Ion: 117 Resp: 105799  
Ion Ratio Lower Upper  
117 100  
119 96.4 76.9 115.3  
121 31.0 23.4 35.2



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

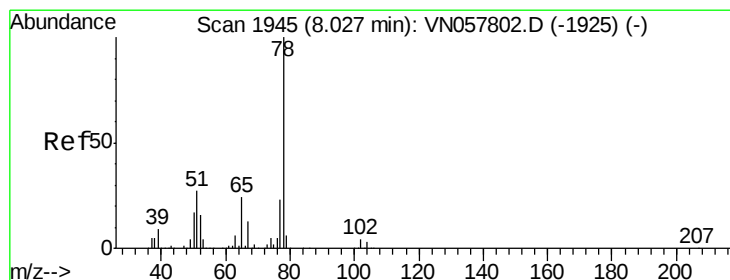
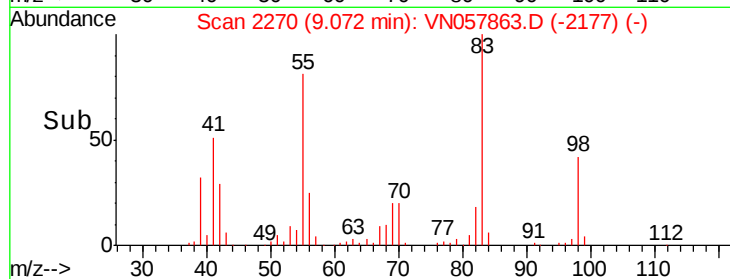
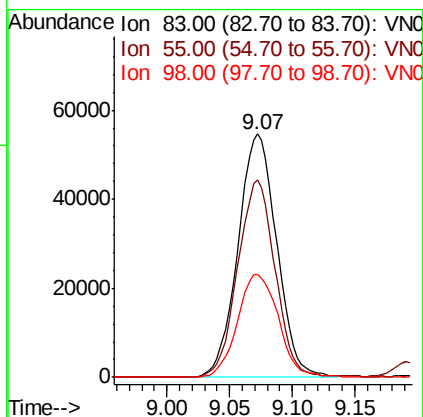
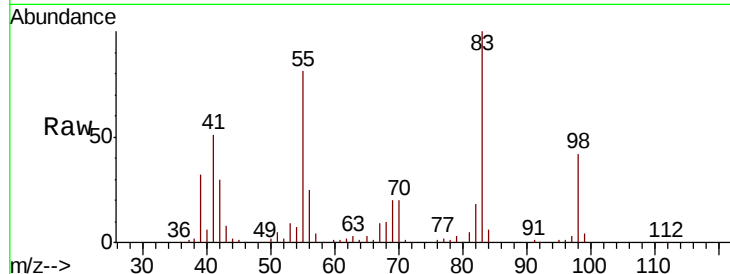




#39  
Methylcyclohexane  
Concen: 18.613 ug/l  
RT: 9.07 min Scan# 2270  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

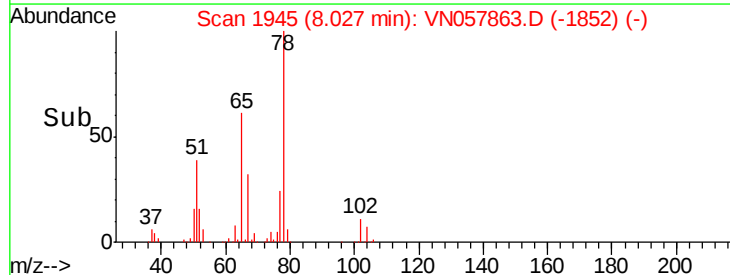
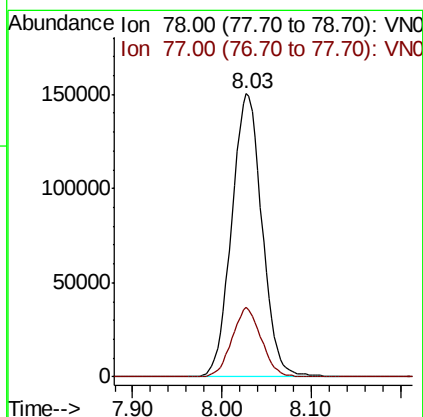
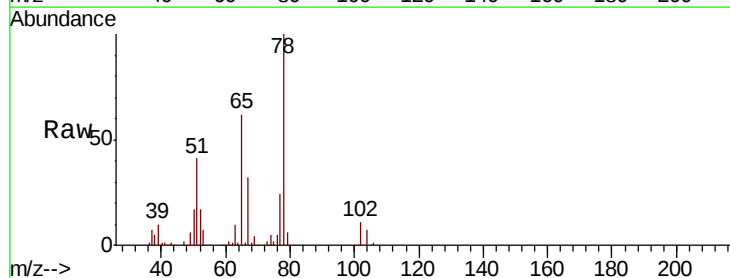
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0911WBS01

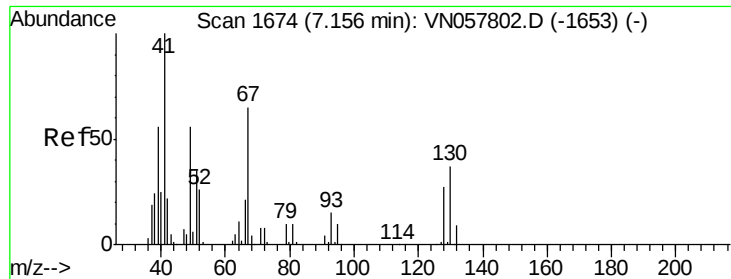
Tgt Ion: 83 Resp: 117443  
Ion Ratio Lower Upper  
83 100  
55 81.2 61.6 92.4  
98 42.3 34.9 52.3



#40  
Benzene  
Concen: 19.677 ug/l  
RT: 8.03 min Scan# 1945  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

Tgt Ion: 78 Resp: 355581  
Ion Ratio Lower Upper  
78 100  
77 24.5 18.3 27.5

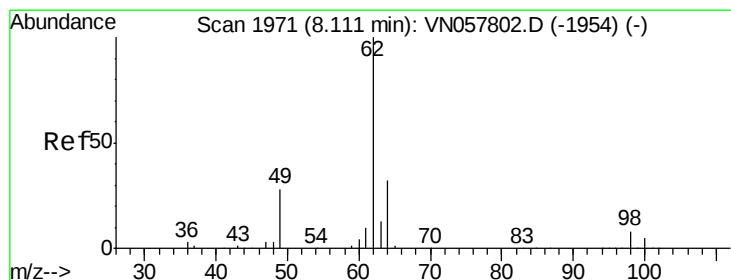
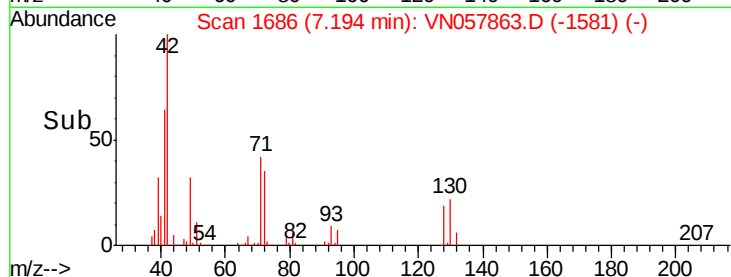
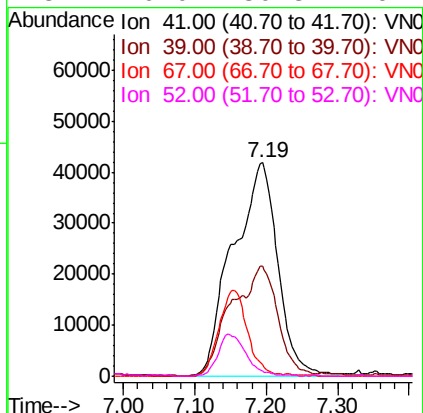
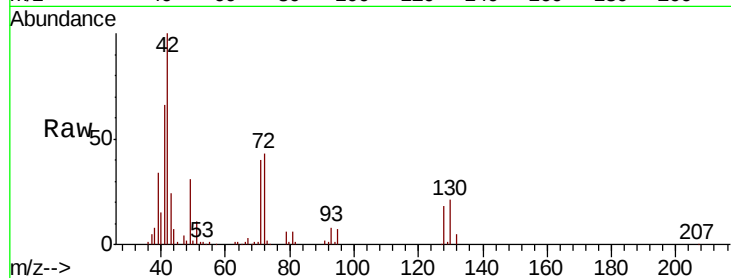




#41  
Methacrylonitrile  
Concen: 64.728 ug/l  
RT: 7.19 min Scan# 1686  
Delta R.T. 0.04 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

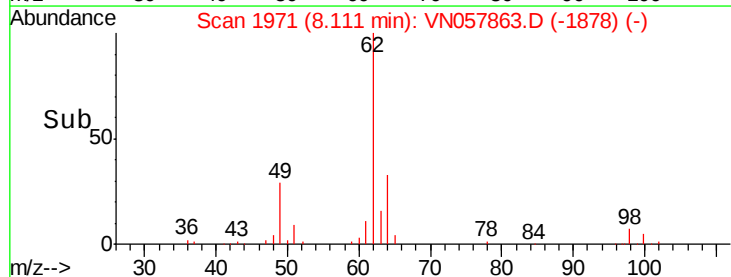
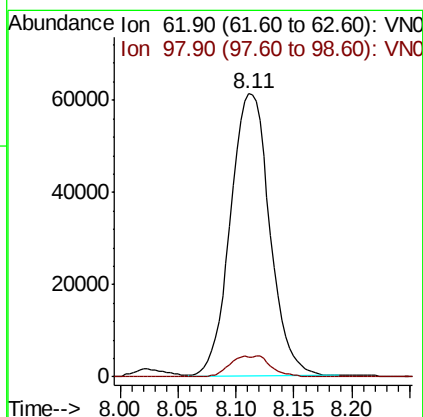
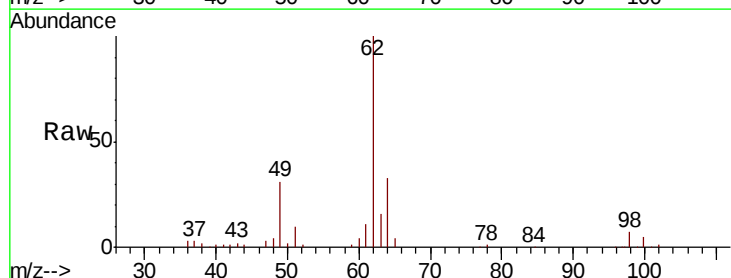
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0911WBS01

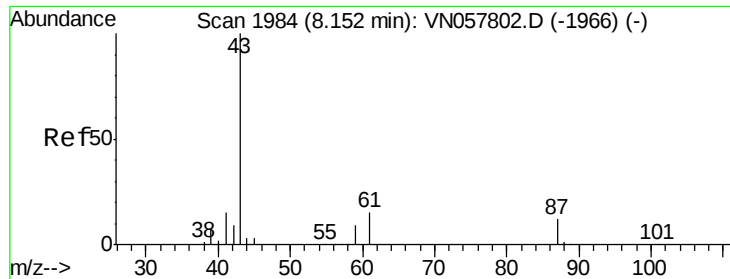
Tgt Ion: 41 Resp: 182210  
Ion Ratio Lower Upper  
41 100  
39 53.4 51.0 76.6  
67 0.0 70.7 106.1#  
52 0.0 30.8 46.2#



#42  
1,2-Dichloroethane  
Concen: 20.005 ug/l  
RT: 8.11 min Scan# 1971  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

Tgt Ion: 62 Resp: 144580  
Ion Ratio Lower Upper  
62 100  
98 4.4 0.0 15.8

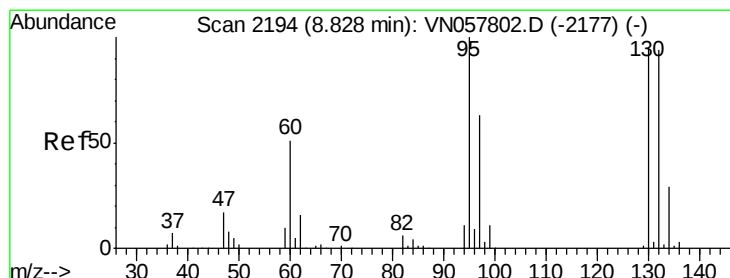
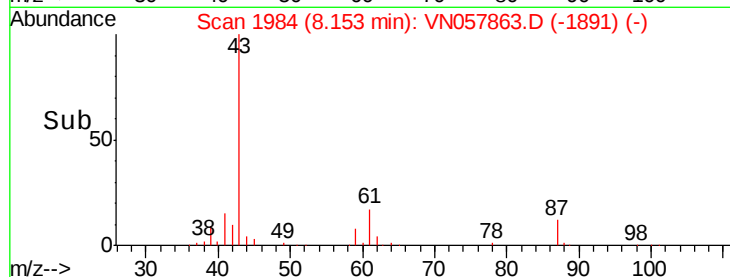
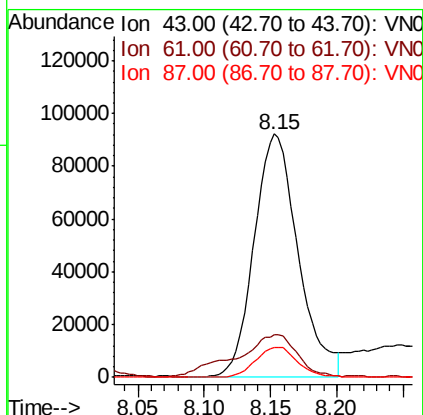
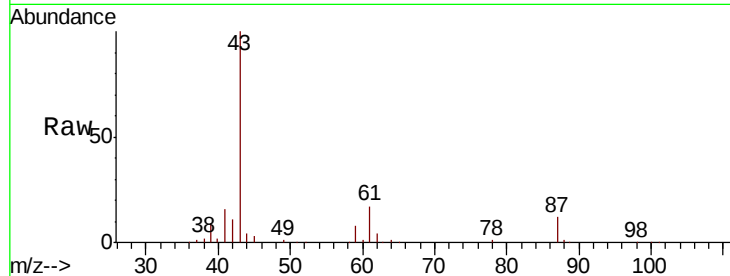




#43  
Isopropyl Acetate  
Concen: 20.281 ug/l  
RT: 8.15 min Scan# 1984  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

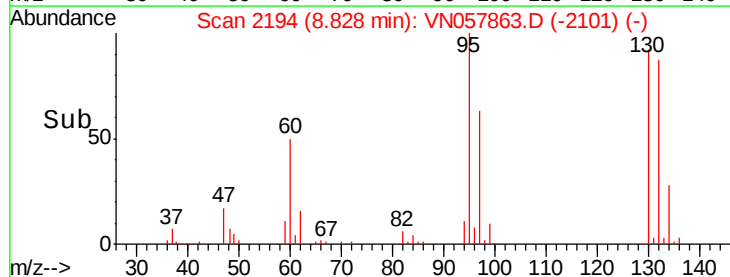
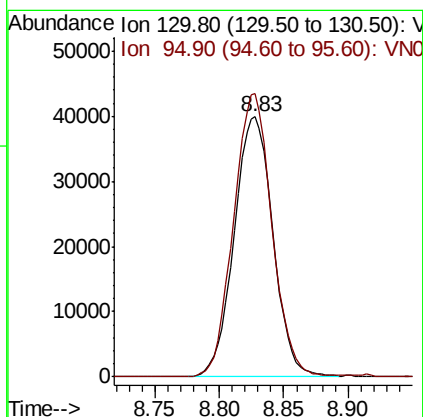
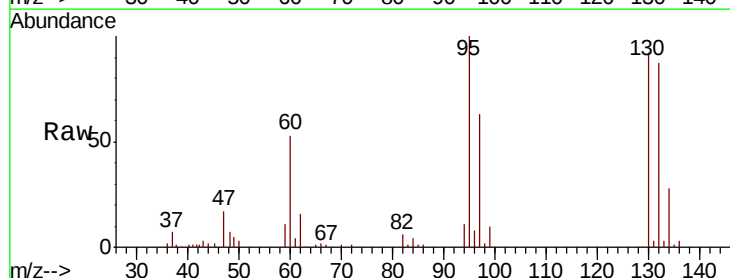
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0911WBS01

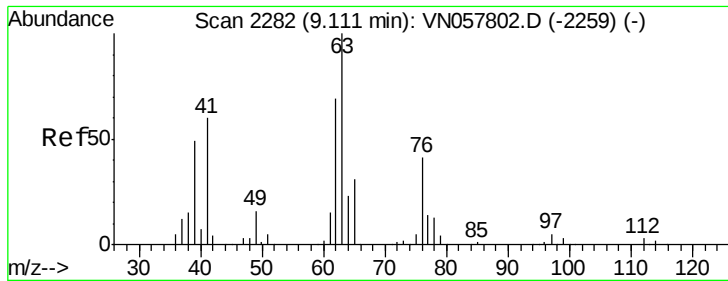
Tgt Ion: 43 Resp: 211504  
Ion Ratio Lower Upper  
43 100  
61 24.0 20.1 30.1  
87 11.9 9.5 14.3



#44  
Trichloroethene  
Concen: 18.872 ug/l  
RT: 8.83 min Scan# 2194  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

Tgt Ion: 130 Resp: 83645  
Ion Ratio Lower Upper  
130 100  
95 108.8 0.0 211.4

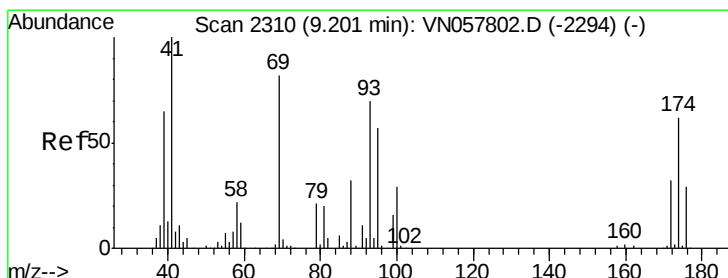
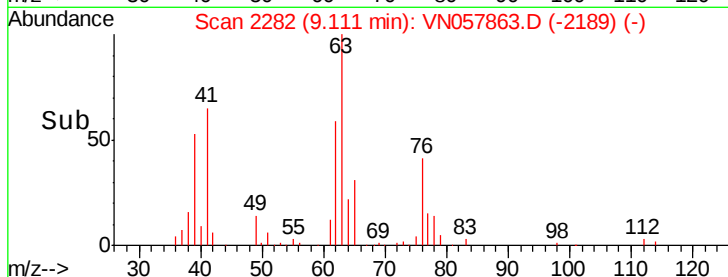
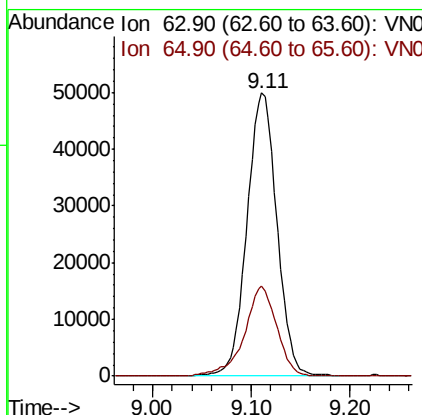
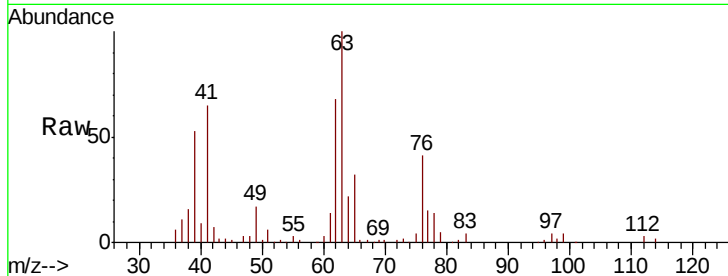




#45  
 1,2-Dichloropropane  
 Concen: 19.892 ug/l  
 RT: 9.11 min Scan# 2282  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

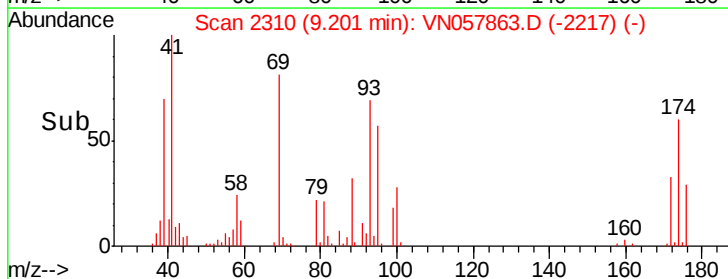
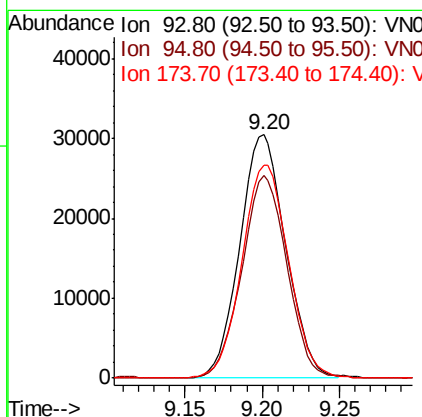
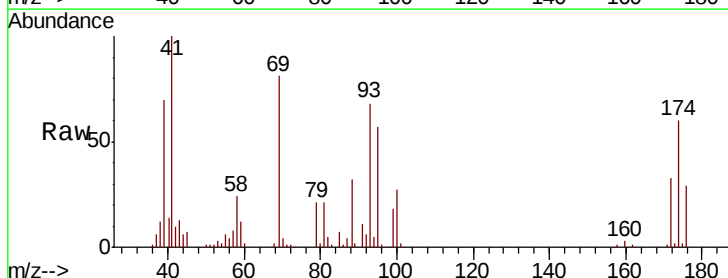
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0911WBS01

Tgt Ion: 63 Resp: 104596  
 Ion Ratio Lower Upper  
 63 100  
 65 31.6 24.8 37.2



#46  
 Dibromomethane  
 Concen: 19.799 ug/l  
 RT: 9.20 min Scan# 2310  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Tgt Ion: 93 Resp: 62909  
 Ion Ratio Lower Upper  
 93 100  
 95 82.0 65.9 98.9  
 174 88.9 71.8 107.6





#47

Bromodichloromethane

Concen: 20.016 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampleId :

VN0911WBS01

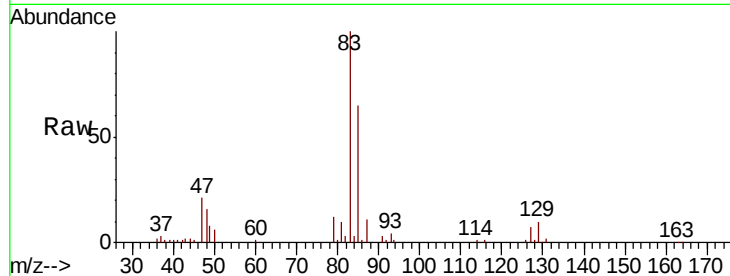
Tgt Ion: 83 Resp: 127003

Ion Ratio Lower Upper

83 100

85 65.1 49.9 74.9

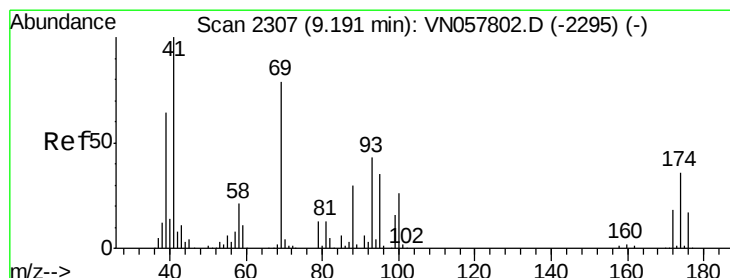
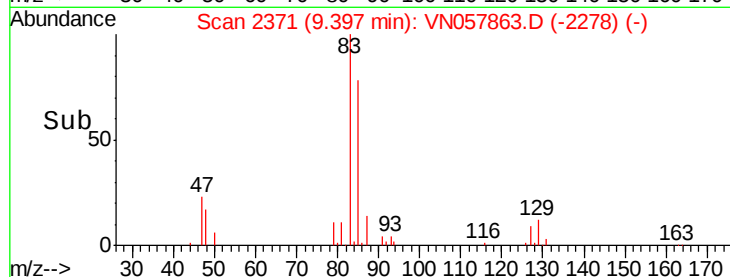
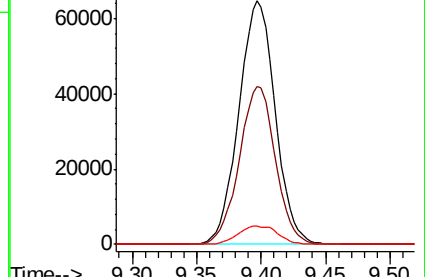
127 7.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.349 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

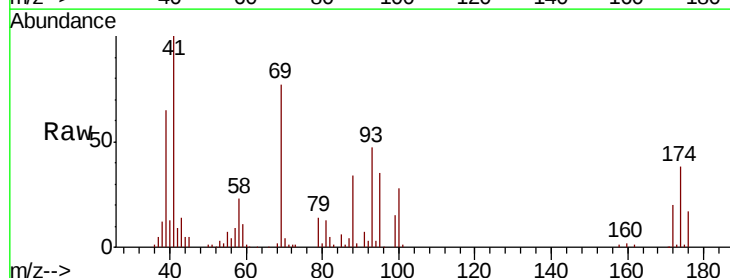
Tgt Ion: 41 Resp: 102358

Ion Ratio Lower Upper

41 100

69 79.3 62.7 94.1

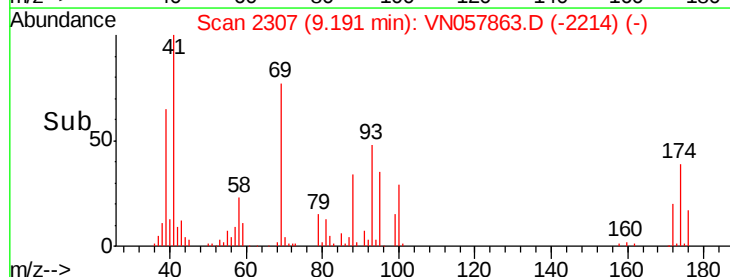
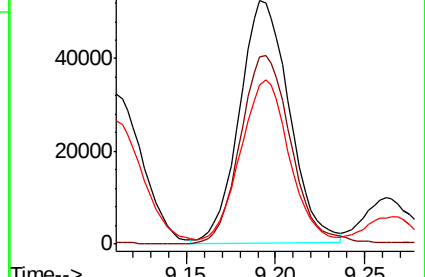
39 66.4 52.7 79.1

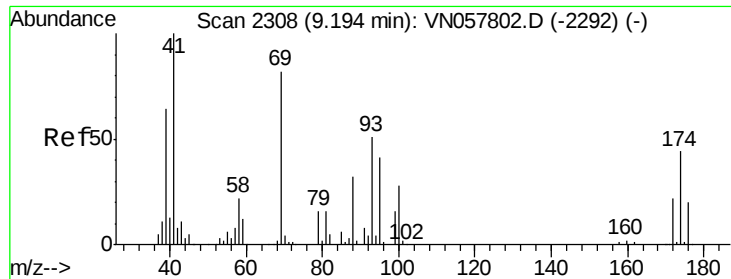


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

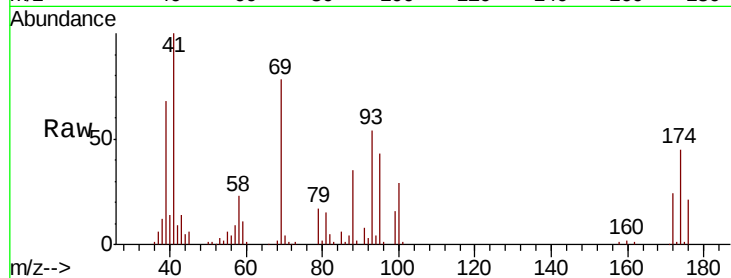




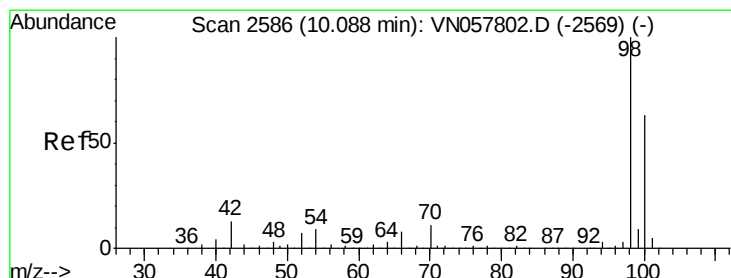
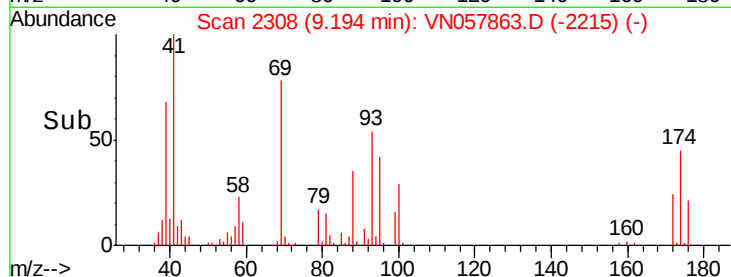
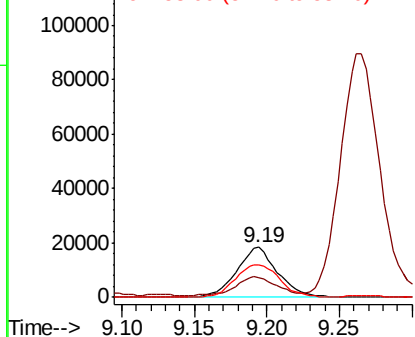
#49  
 1,4-Dioxane  
 Concen: 402.614 ug/l  
 RT: 9.19 min Scan# 2308  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

Tgt Ion: 88 Resp: 36018  
 Ion Ratio Lower Upper  
 88 100  
 43 35.9 28.5 42.7  
 58 71.2 55.8 83.6

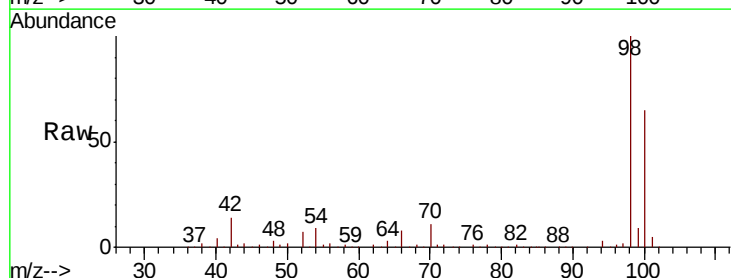


Abundance Ion 88.00 (87.70 to 88.70): VN0  
 Ion 43.00 (42.70 to 43.70): VN0  
 Ion 58.00 (57.70 to 58.70): VN0

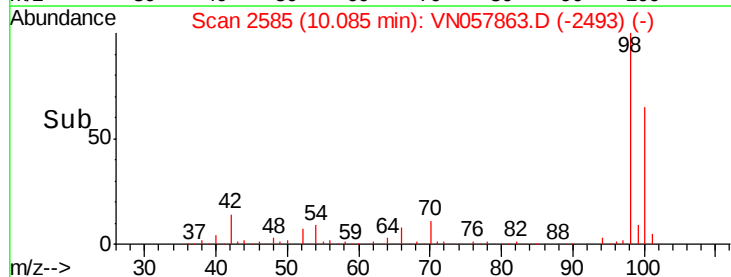
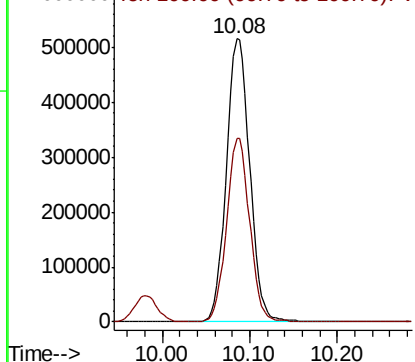


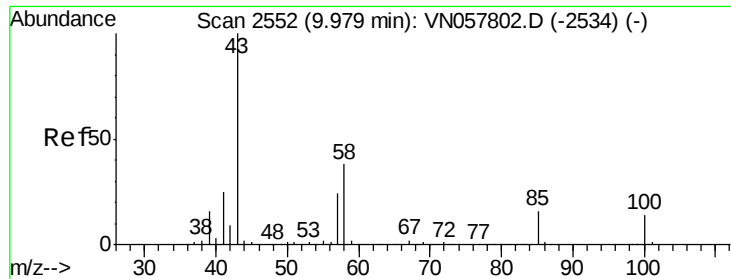
#50  
 Toluene-d8  
 Concen: 51.709 ug/l  
 RT: 10.08 min Scan# 2585  
 Delta R.T. -0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Tgt Ion: 98 Resp: 958989  
 Ion Ratio Lower Upper  
 98 100  
 100 63.9 50.3 75.5



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

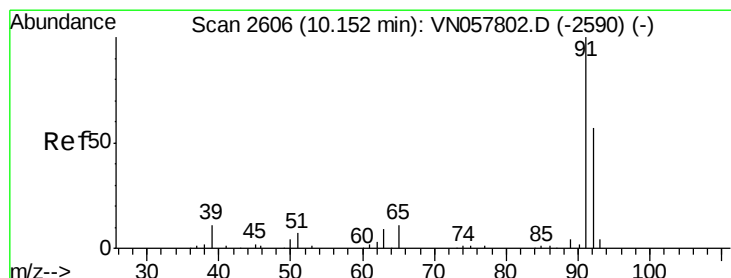
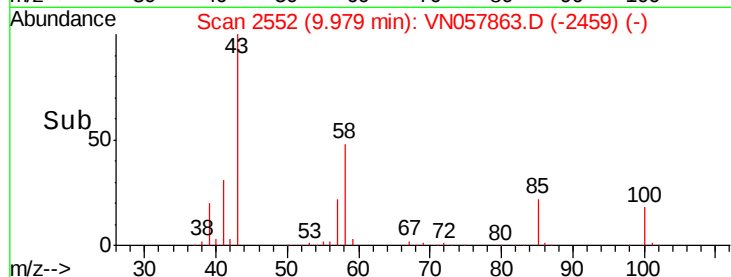
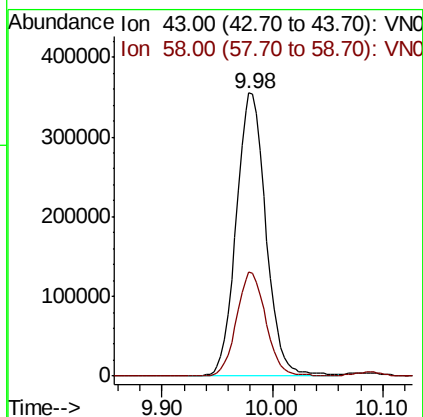
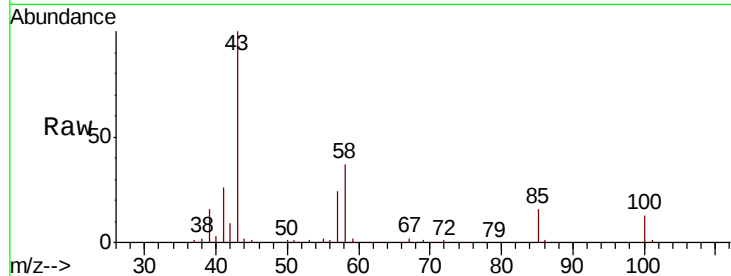




#51  
 4-Methyl-2-Pentanone  
 Concen: 106.714 ug/l  
 RT: 9.98 min Scan# 2552  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

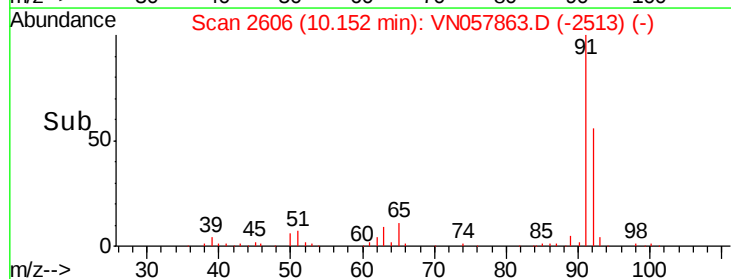
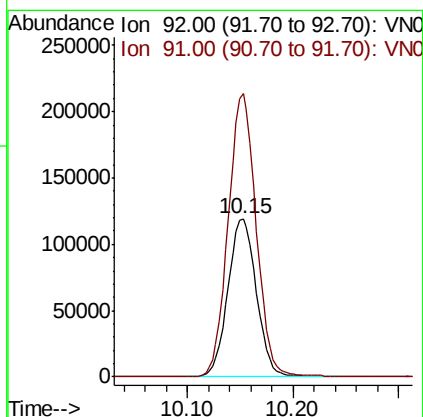
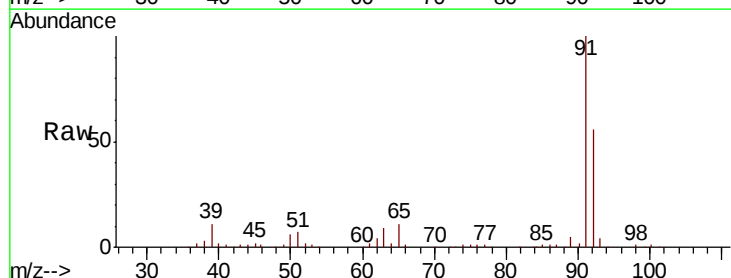
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

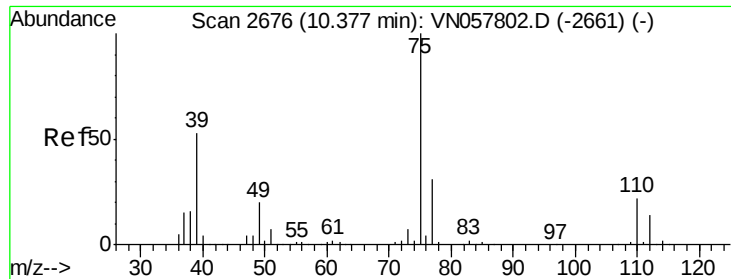
Tgt Ion: 43 Resp: 658573  
 Ion Ratio Lower Upper  
 43 100  
 58 36.5 29.8 44.6



#52  
 Toluene  
 Concen: 19.612 ug/l  
 RT: 10.15 min Scan# 2606  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Tgt Ion: 92 Resp: 223211  
 Ion Ratio Lower Upper  
 92 100  
 91 176.0 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 19.605 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampleId :

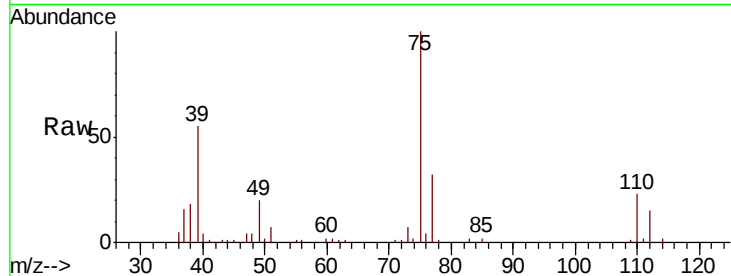
VN0911WBS01

Tgt Ion: 75 Resp: 130992

Ion Ratio Lower Upper

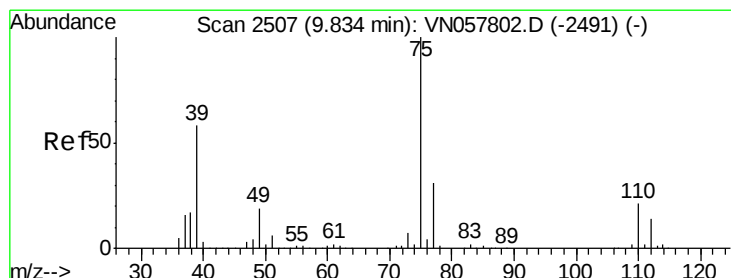
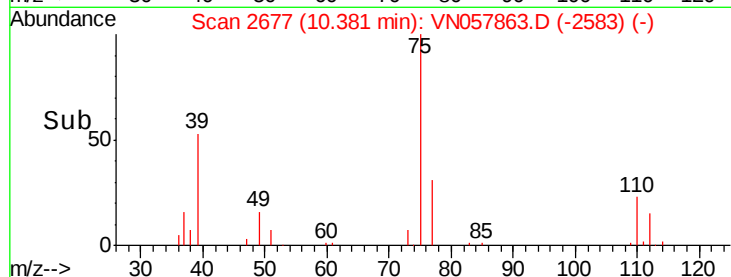
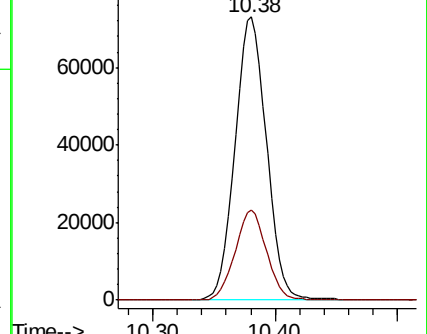
75 100

77 31.7 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.690 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

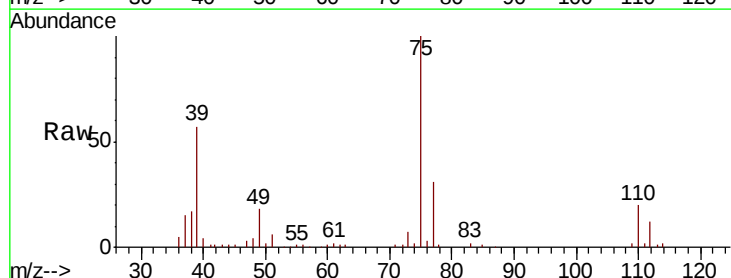
Tgt Ion: 75 Resp: 145250

Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

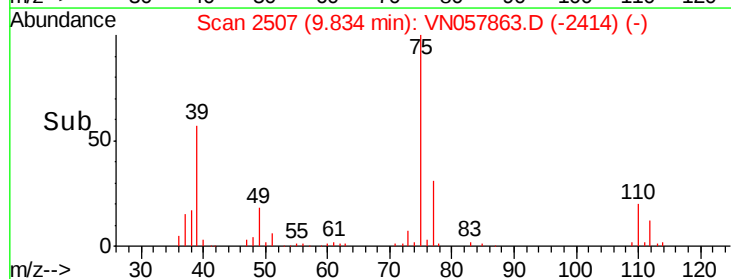
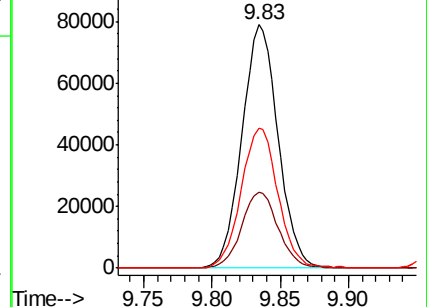
39 57.3 46.2 69.4

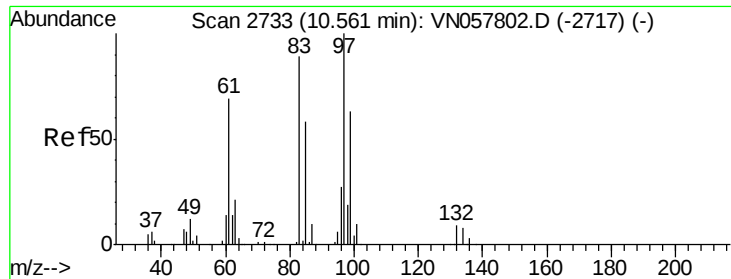


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

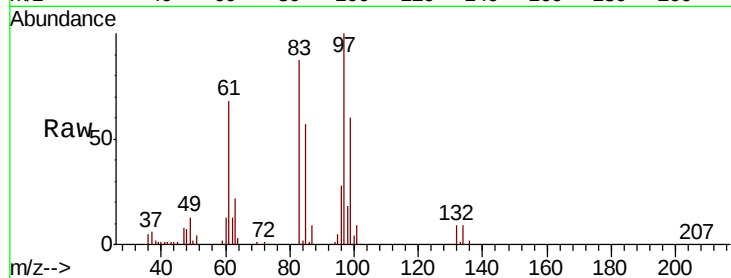




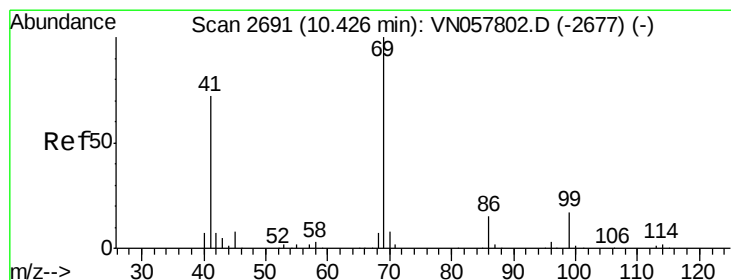
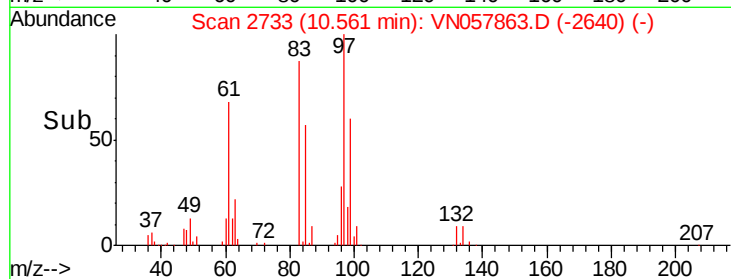
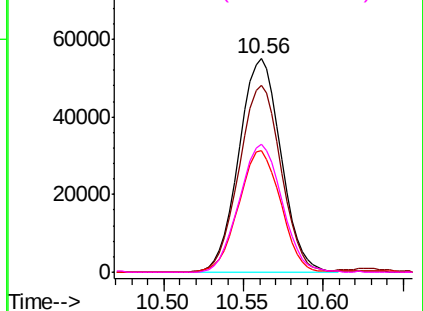
#55  
 1,1,2-Trichloroethane  
 Concen: 20.473 ug/l  
 RT: 10.56 min Scan# 2733  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

Tgt Ion: 97 Resp: 98704  
 Ion Ratio Lower Upper  
 97 100  
 83 87.3 70.8 106.2  
 85 57.0 46.0 69.0  
 99 59.7 50.6 76.0

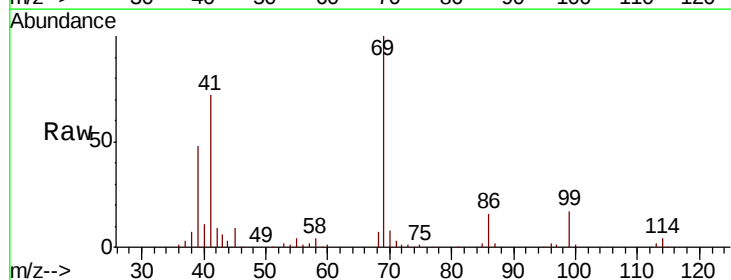


Abundance Ion 96.90 (96.60 to 97.60): VN0  
 Ion 82.90 (82.60 to 83.60): VN0  
 Ion 84.90 (84.60 to 85.60): VN0  
 Ion 98.90 (98.60 to 99.60): VN0

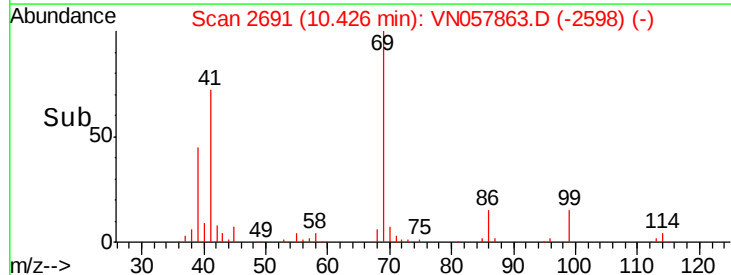
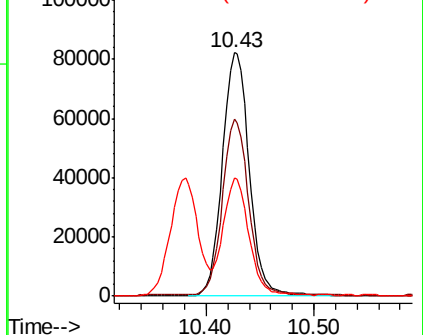


#56  
 Ethyl methacrylate  
 Concen: 19.767 ug/l  
 RT: 10.43 min Scan# 2691  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Tgt Ion: 69 Resp: 143511  
 Ion Ratio Lower Upper  
 69 100  
 41 69.7 56.7 85.1  
 39 45.0 36.3 54.5



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





#57

1,3-Dichloropropane

Concen: 20.160 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampled :

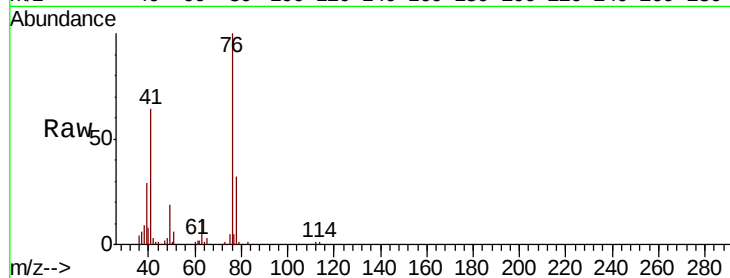
VN0911WBS01

Tgt Ion: 76 Resp: 167496

Ion Ratio Lower Upper

76 100

78 30.7 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

80000

60000

40000

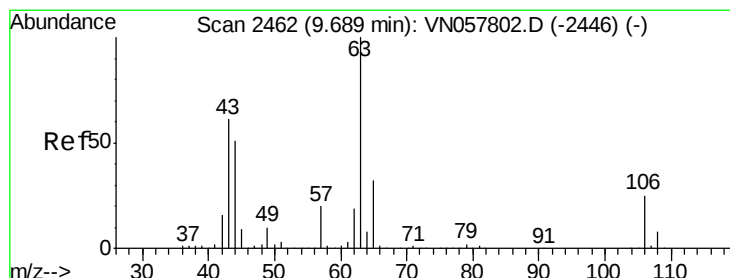
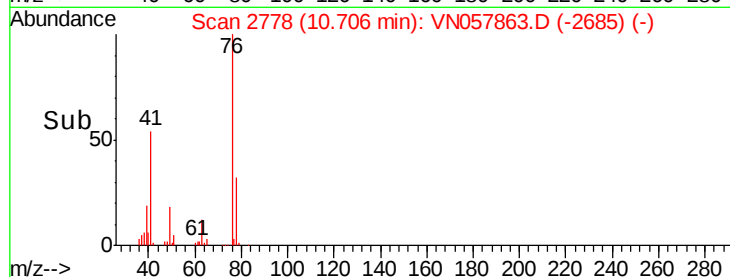
20000

0

10.70

10.80

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 99.995 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN057863.D

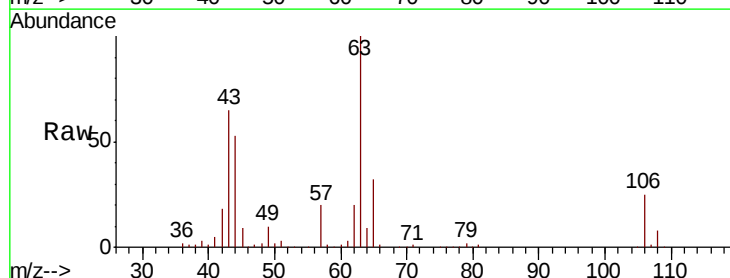
Acq: 10 Sep 2019 15:33

Tgt Ion: 63 Resp: 341922

Ion Ratio Lower Upper

63 100

106 25.5 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

200000

150000

100000

50000

0

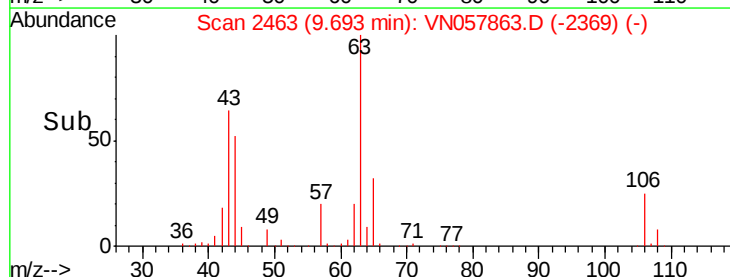
9.60

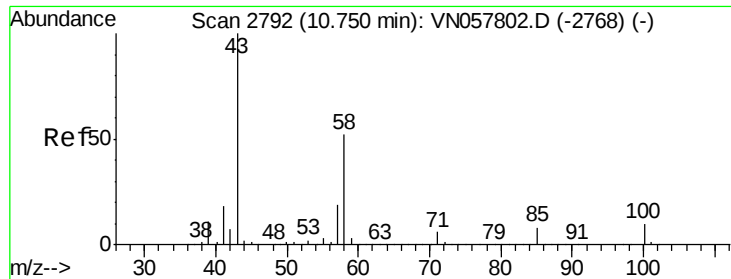
9.65

9.70

9.75

Time-->

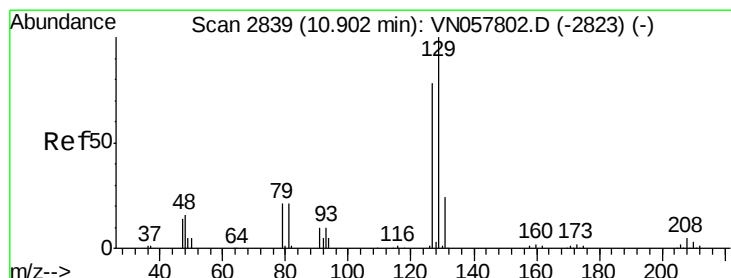
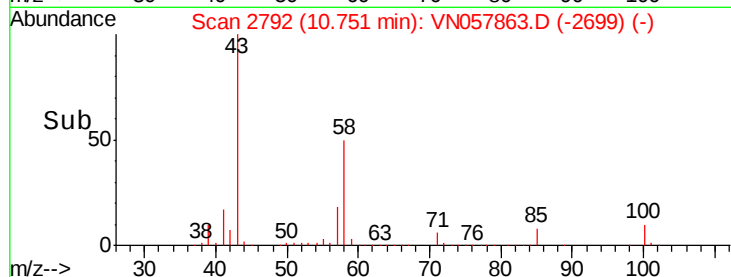
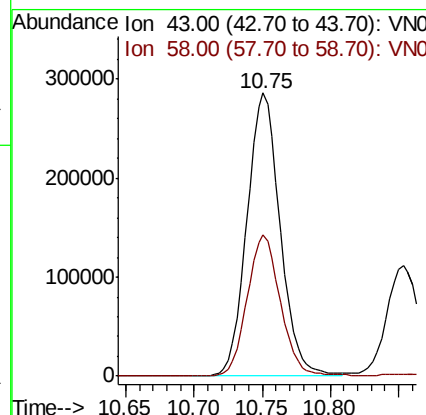
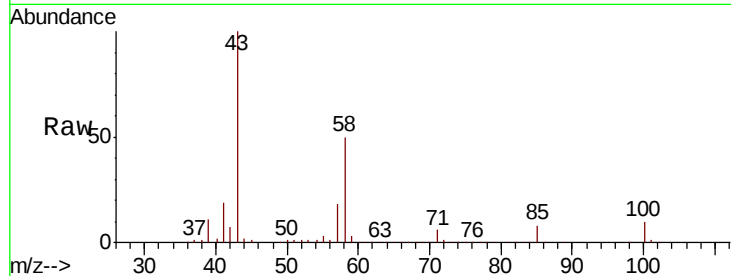




#59  
 2-Hexanone  
 Concen: 104.021 ug/l  
 RT: 10.75 min Scan# 2792  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

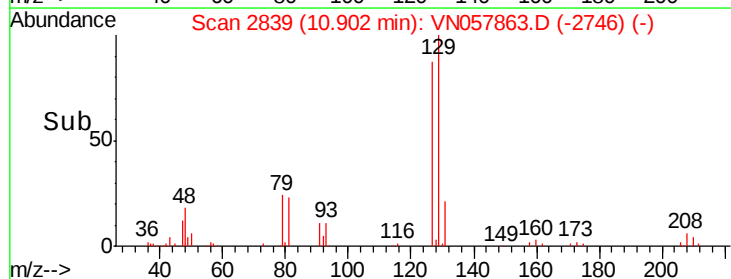
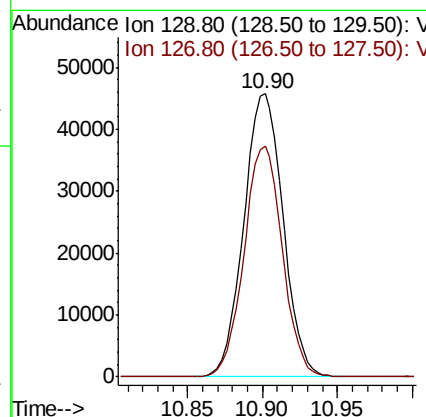
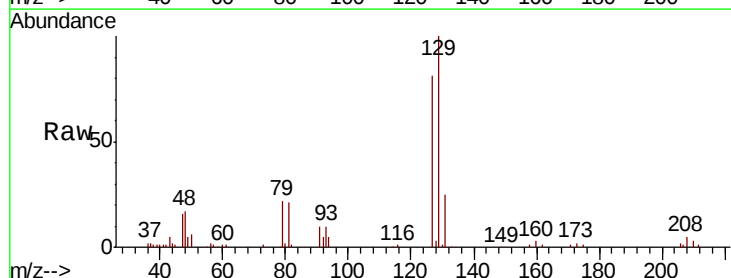
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

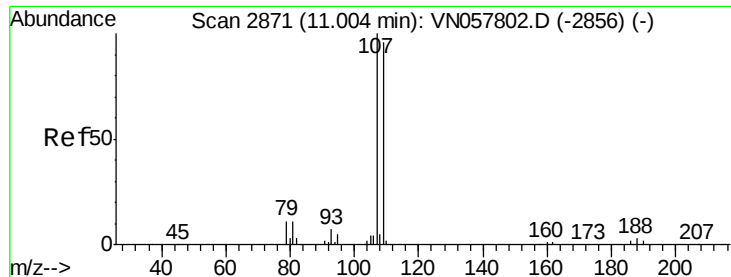
Tgt Ion: 43 Resp: 481169  
 Ion Ratio Lower Upper  
 43 100  
 58 50.4 25.6 76.8



#60  
 Dibromochloromethane  
 Concen: 18.687 ug/l  
 RT: 10.90 min Scan# 2839  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Tgt Ion: 129 Resp: 83657  
 Ion Ratio Lower Upper  
 129 100  
 127 79.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.761 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampleId :

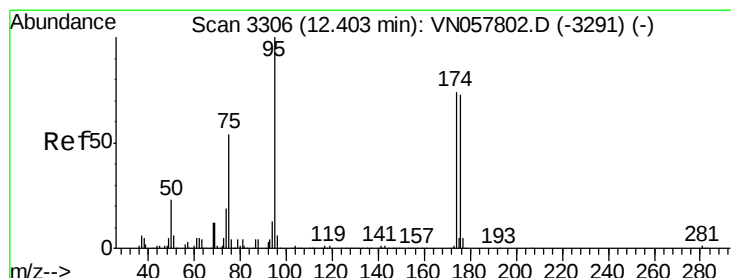
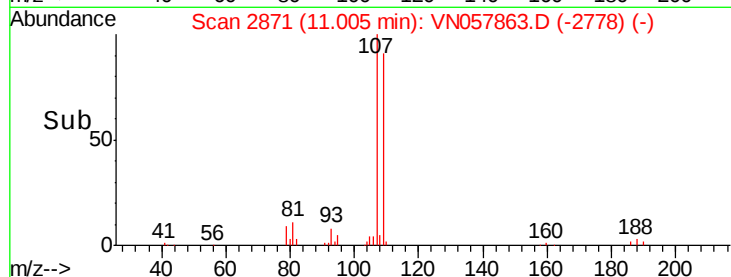
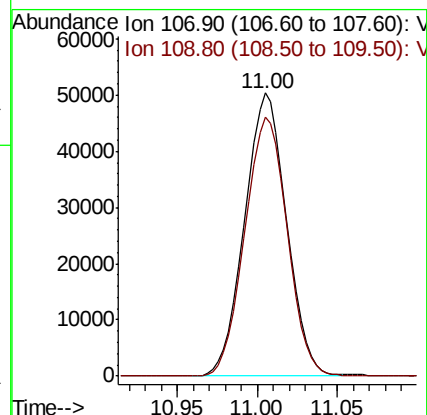
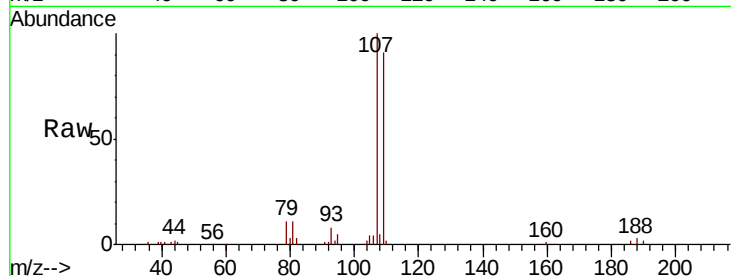
VN0911WBS01

Tgt Ion: 107 Resp: 90069

Ion Ratio Lower Upper

107 100

109 92.7 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 46.336 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

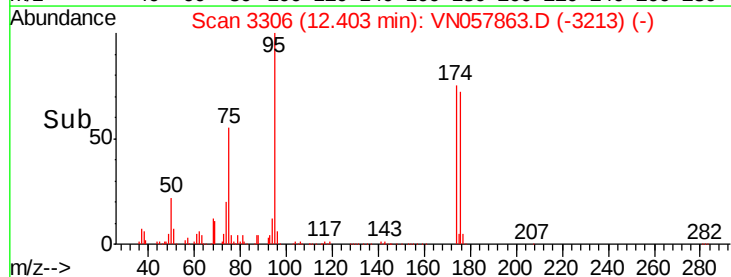
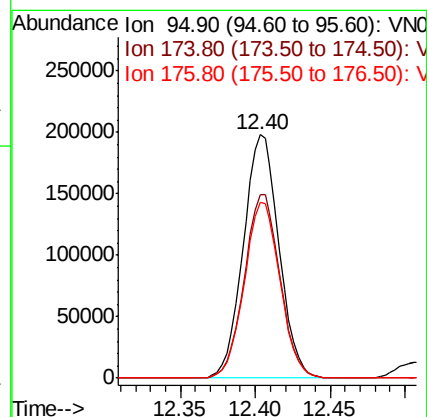
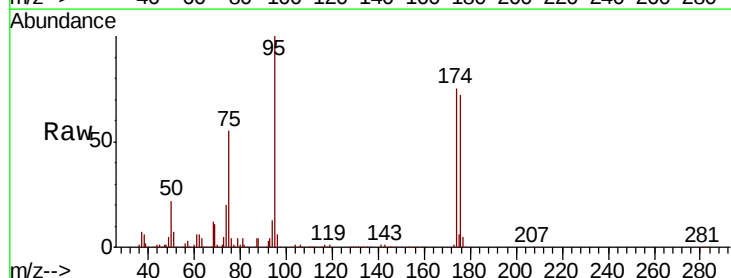
Tgt Ion: 95 Resp: 327484

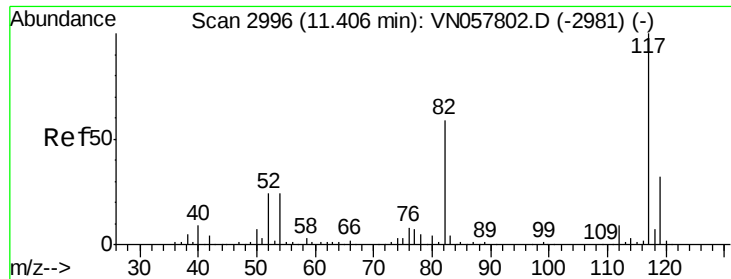
Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.2

176 72.8 0.0 146.0

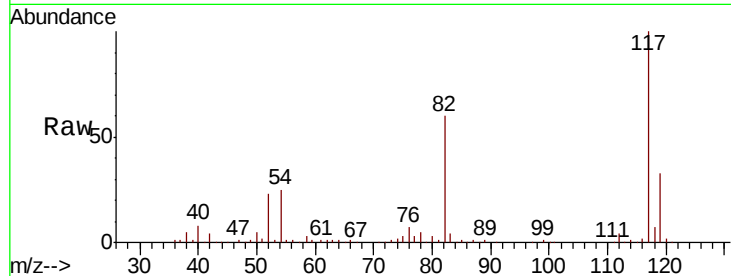




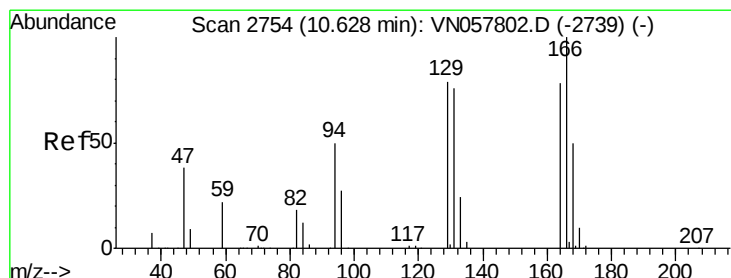
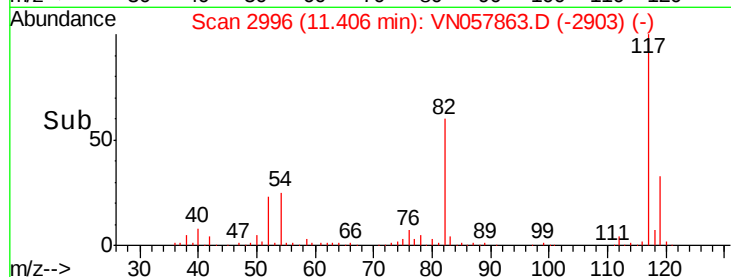
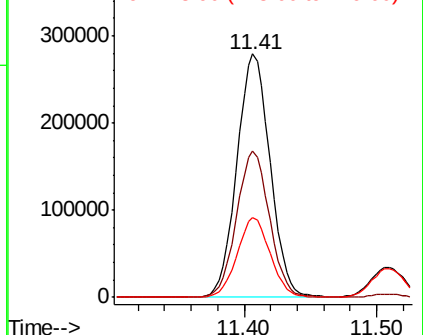
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0911WBS01

Tgt Ion:117 Resp: 486104  
Ion Ratio Lower Upper  
117 100  
82 60.0 47.2 70.8  
119 32.9 25.3 37.9

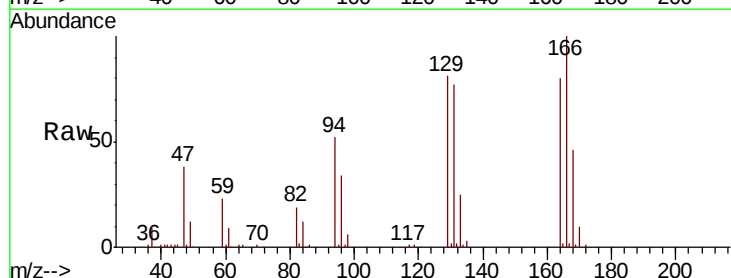


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

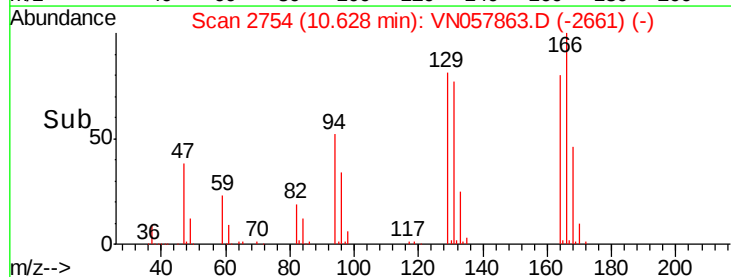
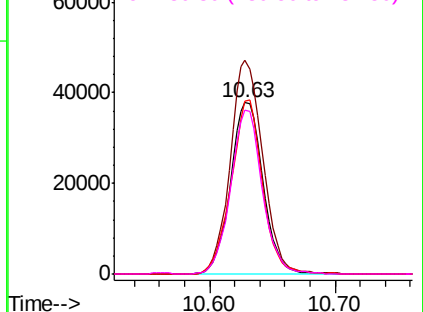


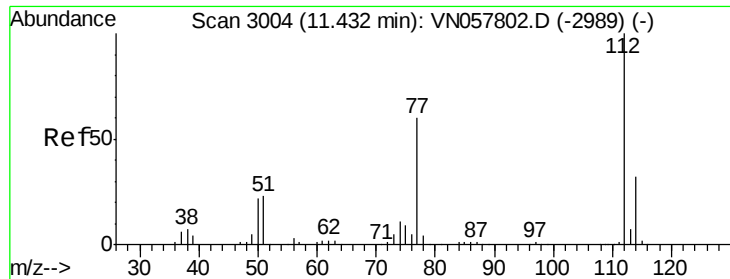
#64  
Tetrachloroethene  
Concen: 18.988 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

Tgt Ion:164 Resp: 68152  
Ion Ratio Lower Upper  
164 100  
166 124.6 102.2 153.2  
129 101.2 80.8 121.2  
131 95.6 77.4 116.2



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

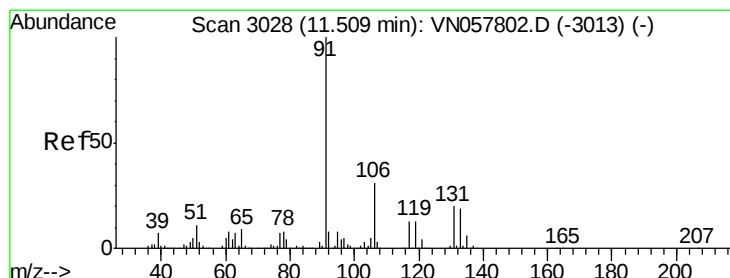
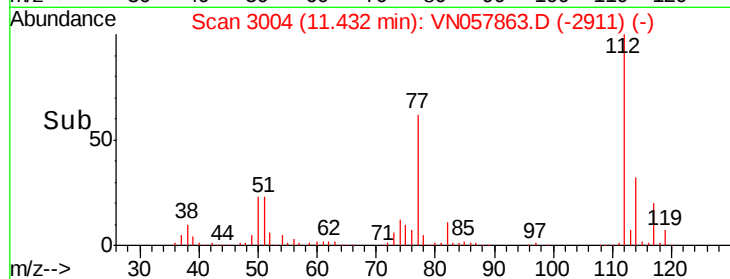
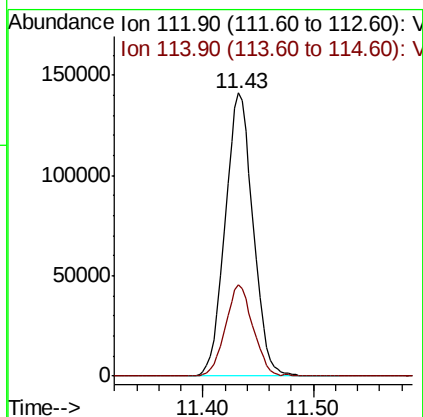
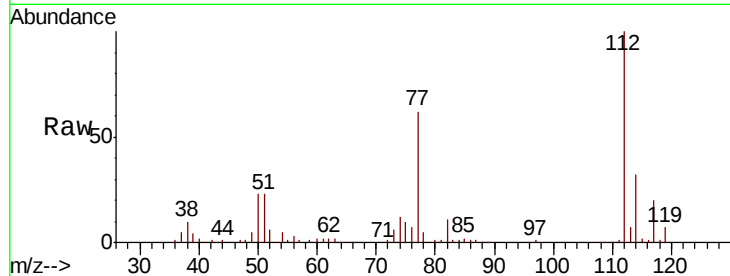




#65  
Chlorobenzene  
Concen: 19.384 ug/l  
RT: 11.43 min Scan# 3004  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

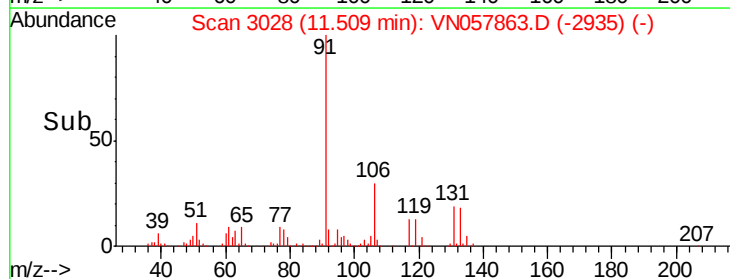
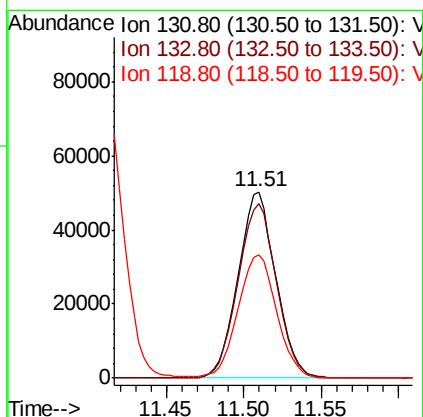
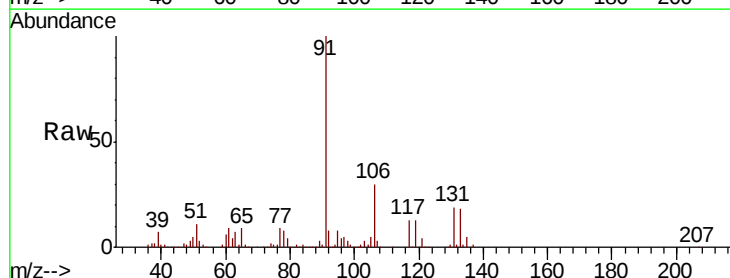
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0911WBS01

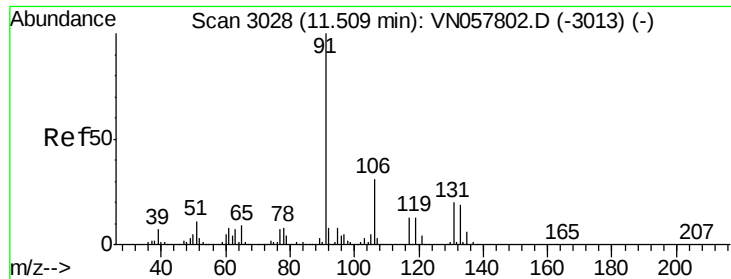
Tgt Ion:112 Resp: 246599  
Ion Ratio Lower Upper  
112 100  
114 32.1 25.2 37.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.304 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

Tgt Ion:131 Resp: 85216  
Ion Ratio Lower Upper  
131 100  
133 95.6 47.1 141.3  
119 68.0 33.3 99.8

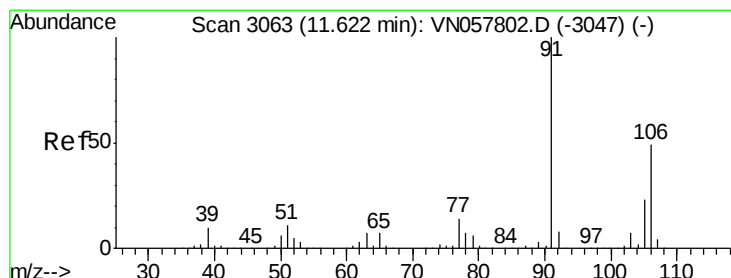
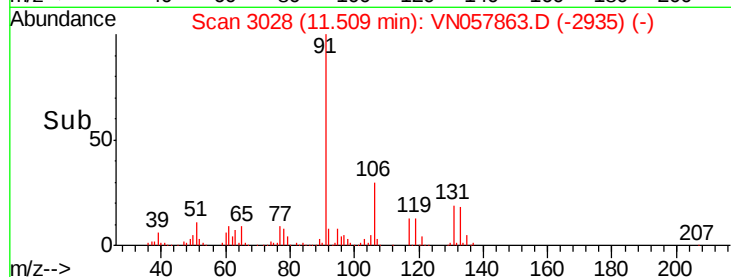
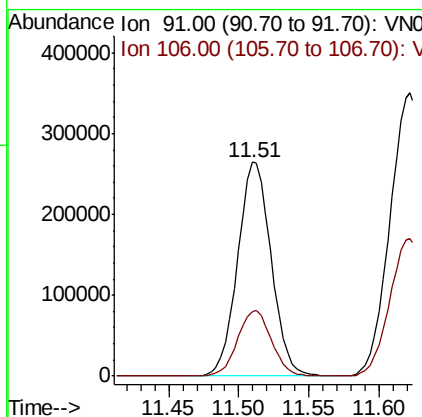
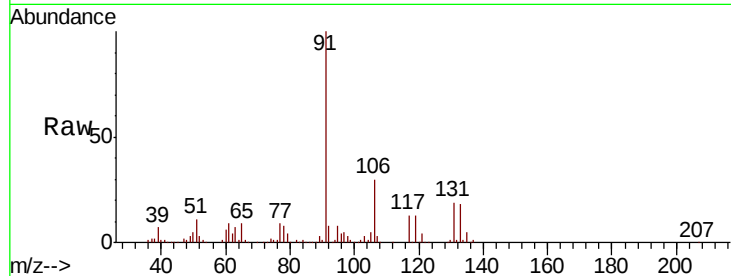




#67  
Ethyl Benzene  
Concen: 19.823 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

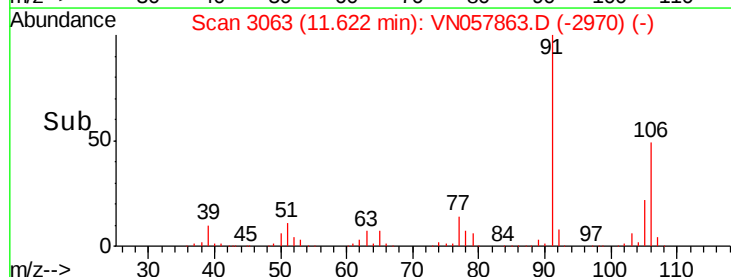
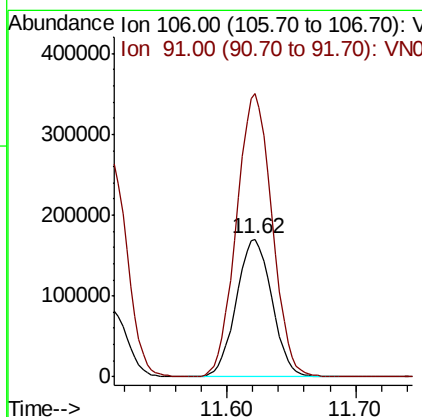
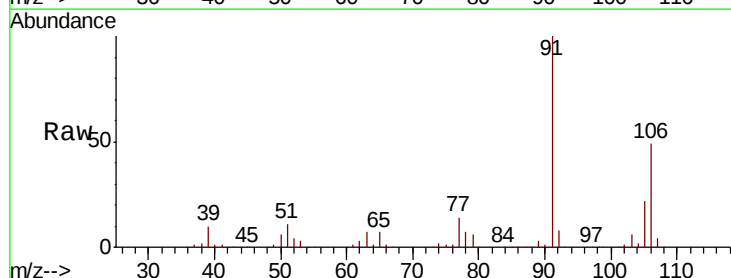
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0911WBS01

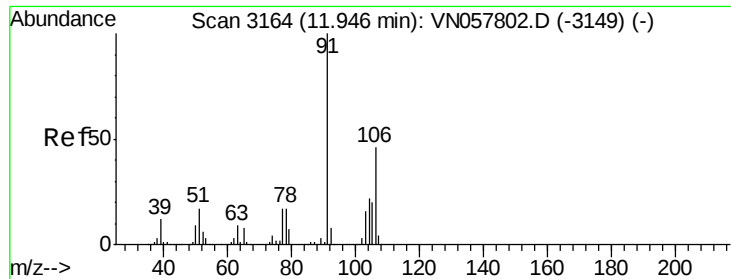
Tgt Ion: 91 Resp: 441950  
Ion Ratio Lower Upper  
91 100  
106 30.1 24.4 36.6



#68  
m/p-Xylenes  
Concen: 40.124 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

Tgt Ion: 106 Resp: 327679  
Ion Ratio Lower Upper  
106 100  
91 205.1 165.8 248.6

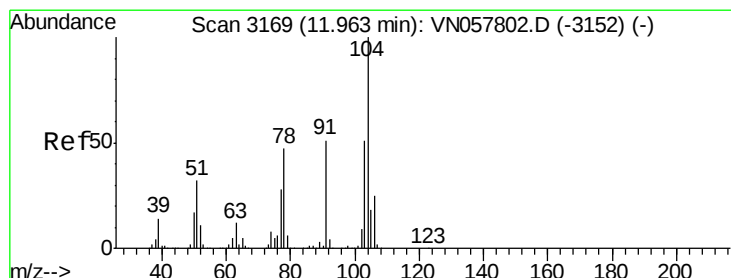
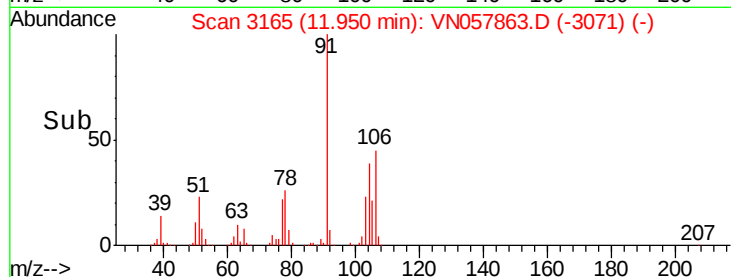
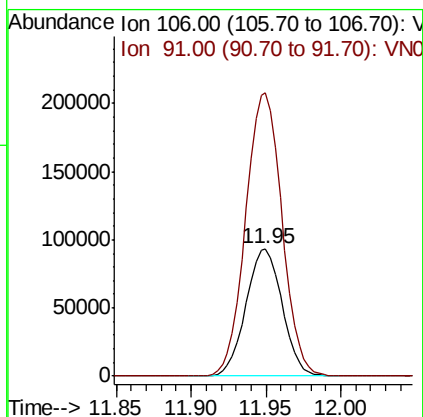
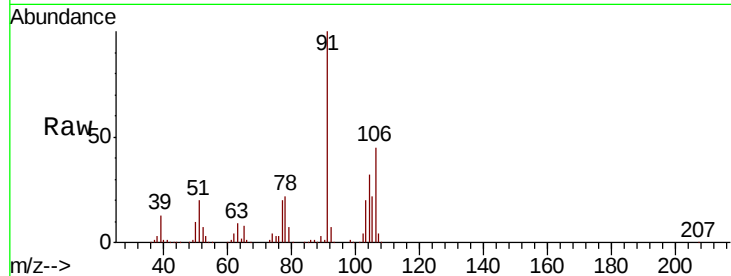




#69  
o-Xylene  
Concen: 19.405 ug/l  
RT: 11.95 min Scan# 3165  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

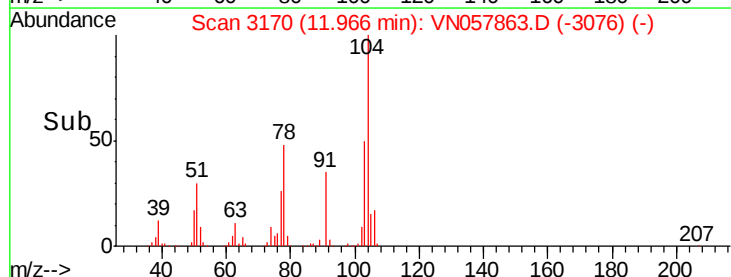
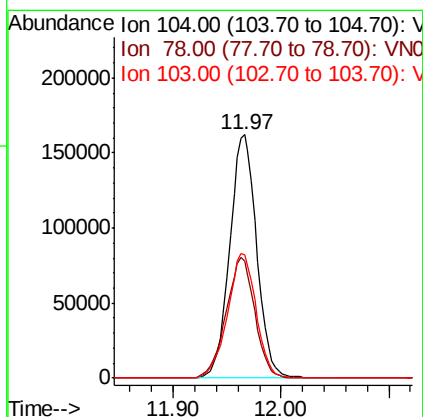
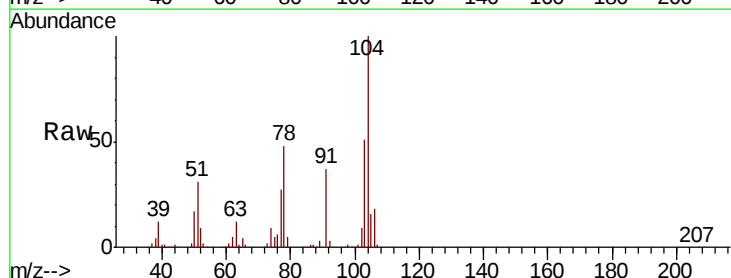
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0911WBS01

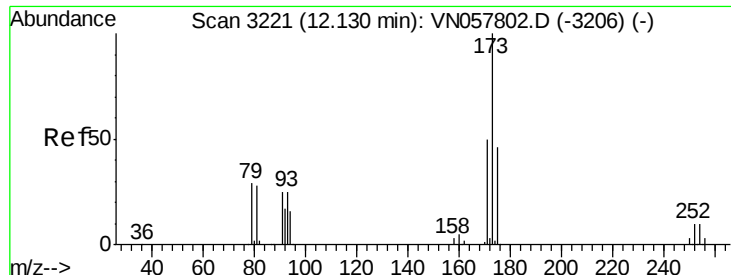
Tgt Ion:106 Resp: 157552  
Ion Ratio Lower Upper  
106 100  
91 223.1 108.7 326.1



#70  
Styrene  
Concen: 20.207 ug/l  
RT: 11.97 min Scan# 3170  
Delta R.T. 0.00 min  
Lab File: VN057863.D  
Acq: 10 Sep 2019 15:33

Tgt Ion:104 Resp: 282346  
Ion Ratio Lower Upper  
104 100  
78 52.9 41.3 61.9  
103 54.3 43.7 65.5

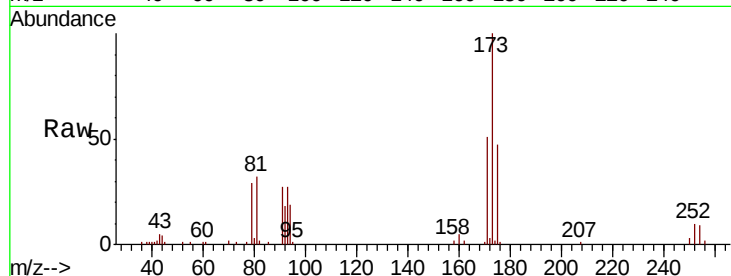




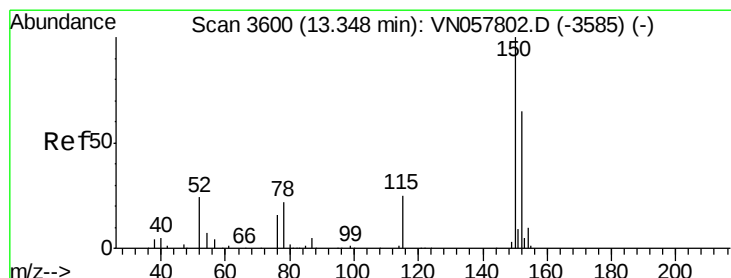
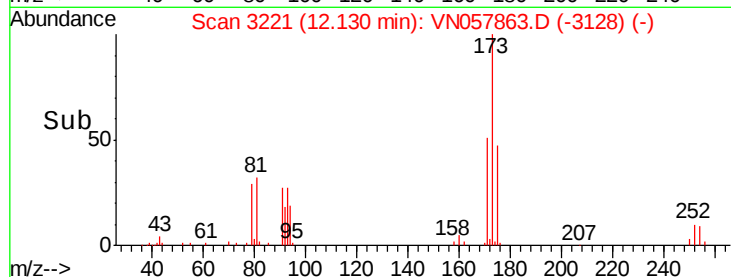
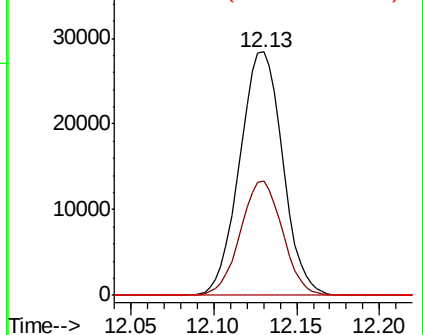
#71  
 Bromoform  
 Concen: 18.699 ug/l  
 RT: 12.13 min Scan# 3221  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

Tgt Ion:173 Resp: 51463  
 Ion Ratio Lower Upper  
 173 100  
 175 45.7 23.5 70.6  
 254 0.0 0.1 0.1#

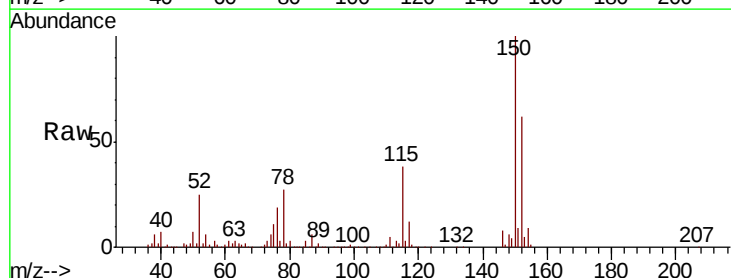


Abundance Ion 172.70 (172.40 to 173.40): V  
 Ion 174.70 (174.40 to 175.40): V  
 Ion 254.40 (254.10 to 255.10): V

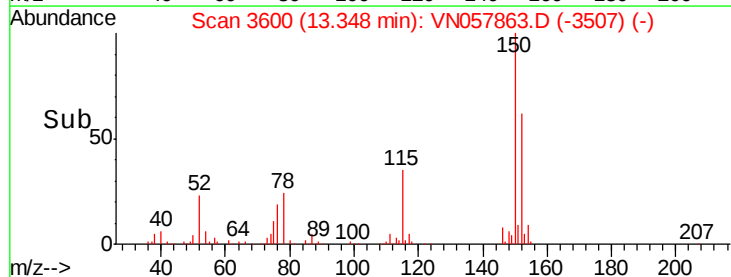
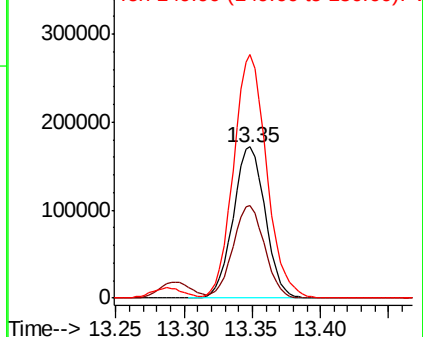


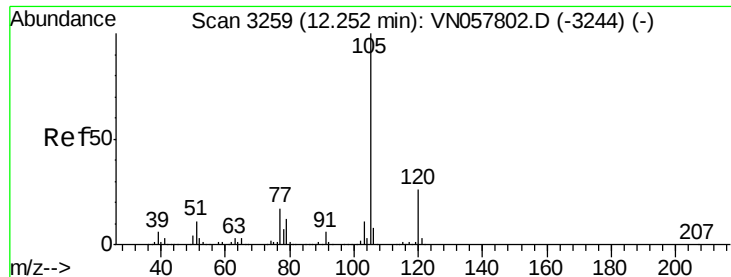
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.35 min Scan# 3600  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Tgt Ion:152 Resp: 280208  
 Ion Ratio Lower Upper  
 152 100  
 115 60.9 30.3 91.0  
 150 166.1 0.0 352.4



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





#73

Isopropylbenzene

Concen: 20.708 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampleId :

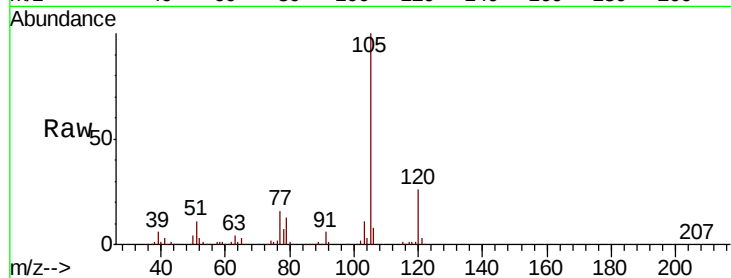
VN0911WBS01

Tgt Ion: 105 Resp: 450266

Ion Ratio Lower Upper

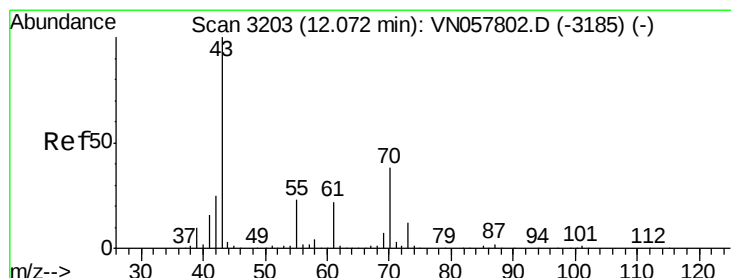
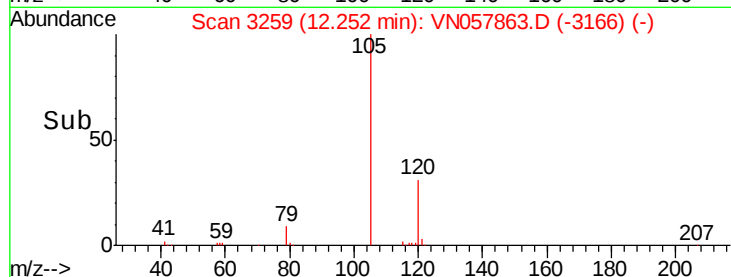
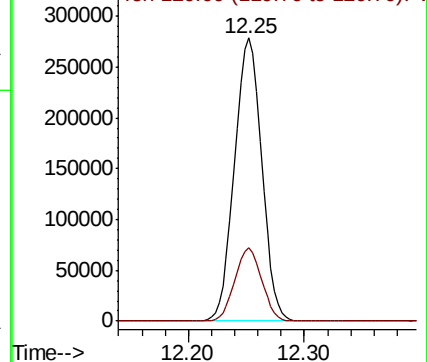
105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.818 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Tgt Ion: 43 Resp: 187536

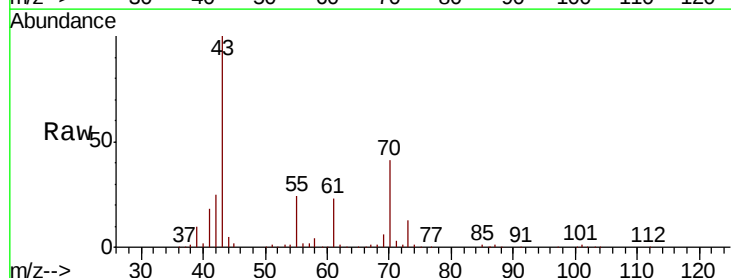
Ion Ratio Lower Upper

43 100

70 40.5 30.6 45.8

55 24.8 18.6 27.8

61 22.3 17.4 26.2

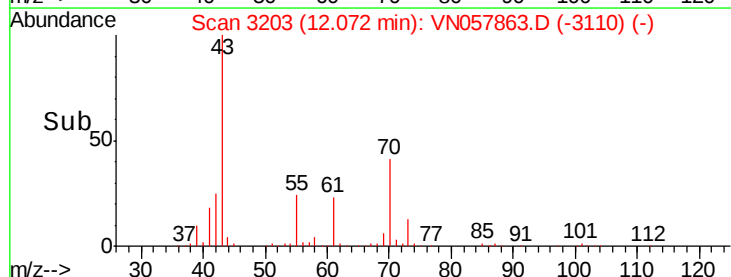
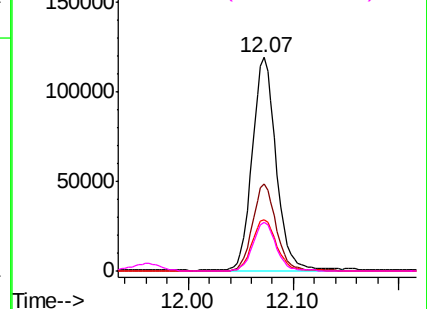


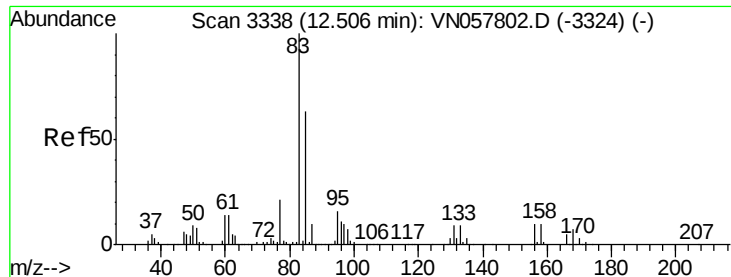
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.030 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampleId :

VN0911WBS01

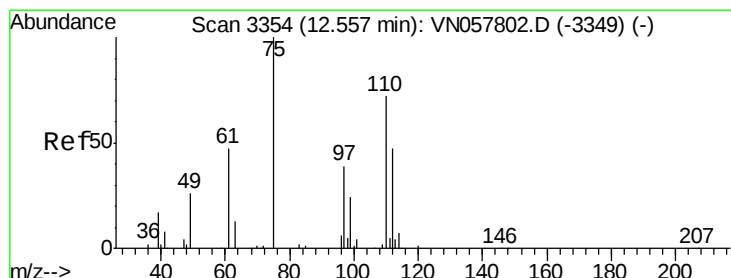
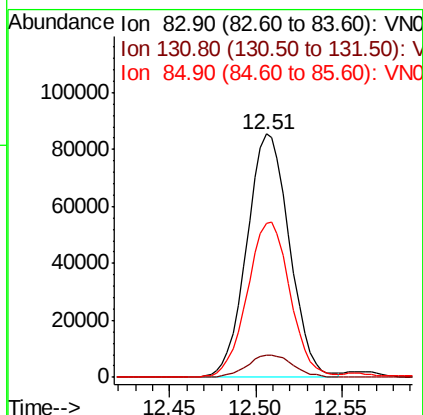
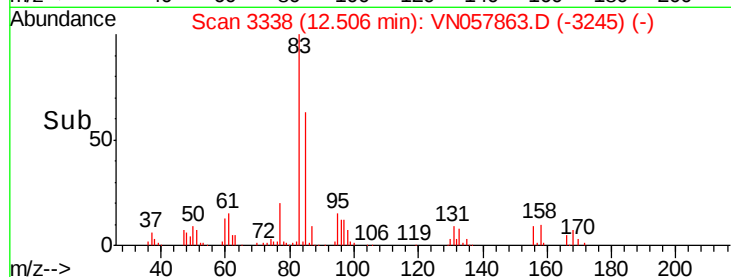
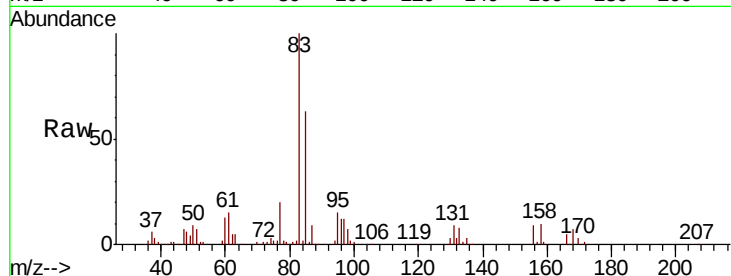
Tgt Ion: 83 Resp: 146641

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.3

85 64.1 31.6 94.7



#76

1,2,3-Trichloropropane

Concen: 26.937 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057863.D

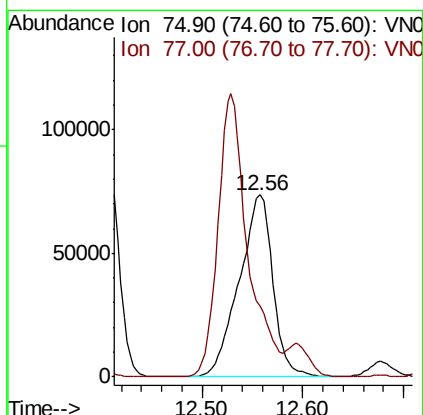
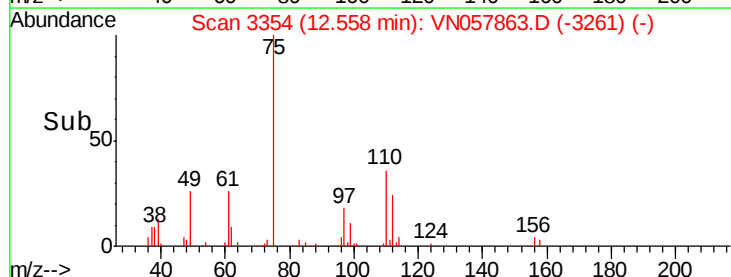
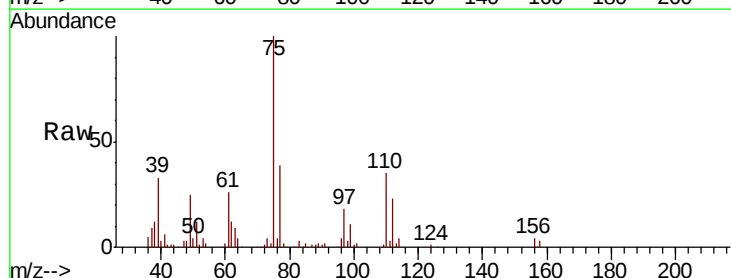
Acq: 10 Sep 2019 15:33

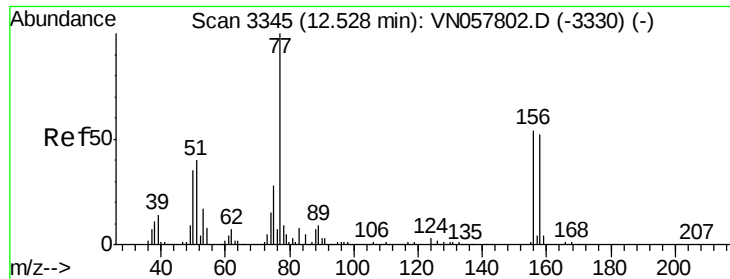
Tgt Ion: 75 Resp: 170746

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.295 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampled :

VN0911WBS01

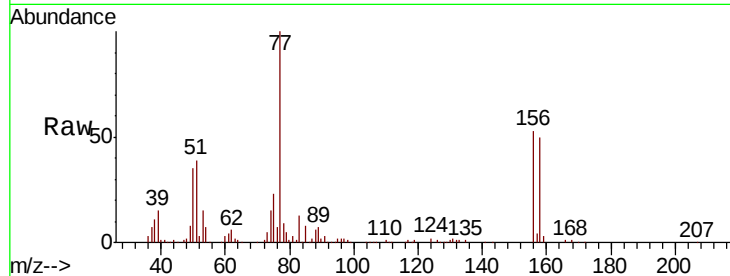
Tgt Ion:156 Resp: 104598

Ion Ratio Lower Upper

156 100

77 226.1 113.7 341.1

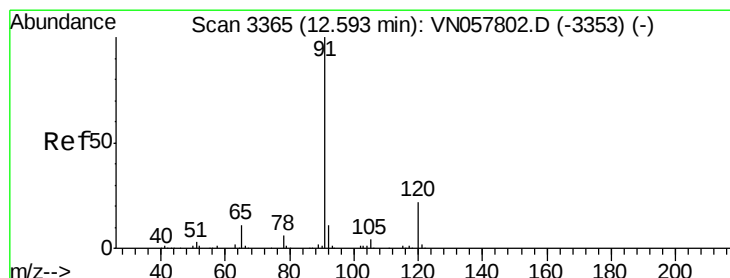
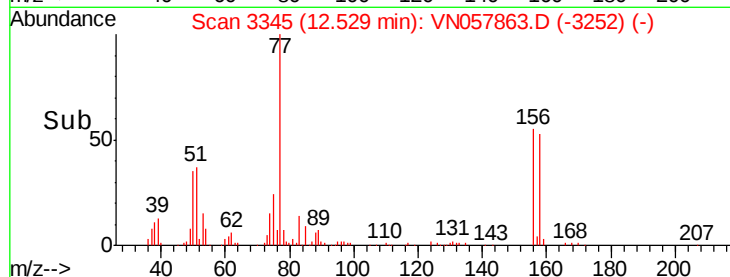
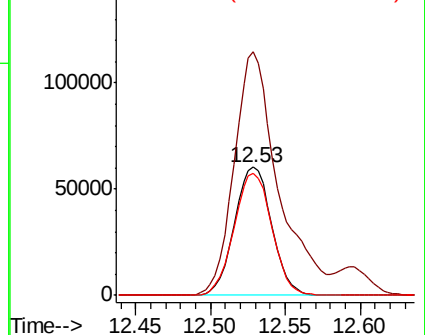
158 96.6 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.869 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057863.D

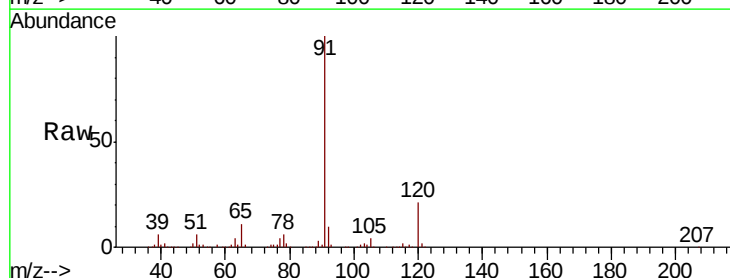
Acq: 10 Sep 2019 15:33

Tgt Ion: 91 Resp: 521046

Ion Ratio Lower Upper

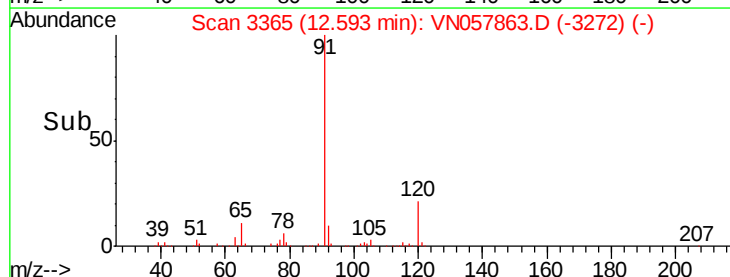
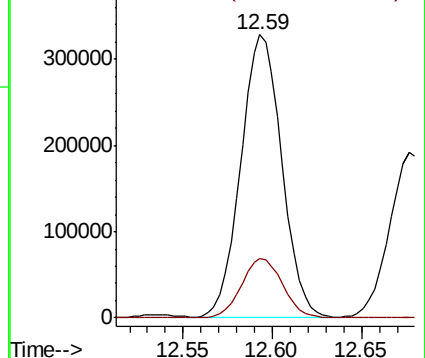
91 100

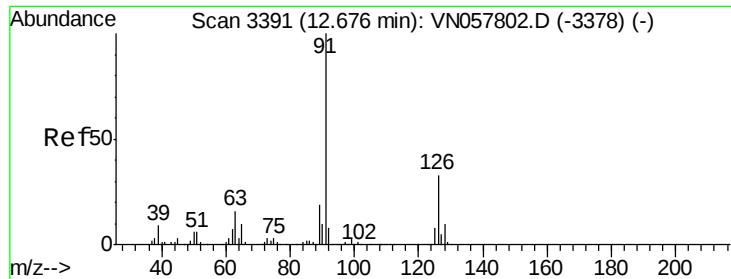
120 21.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.719 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampleId :

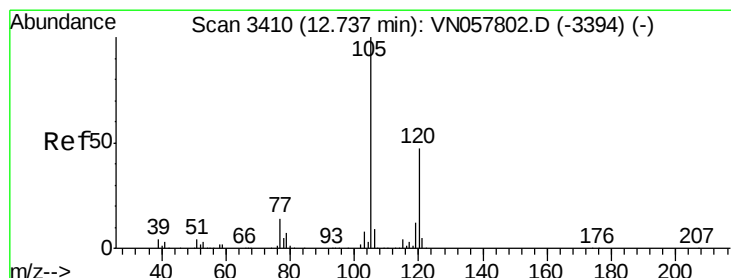
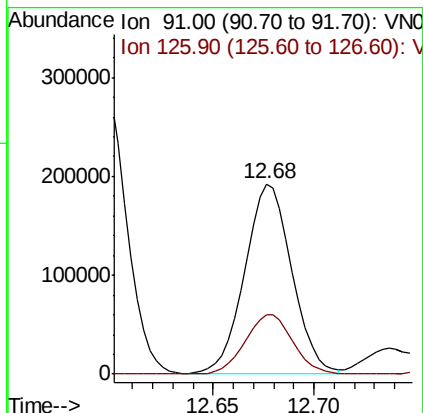
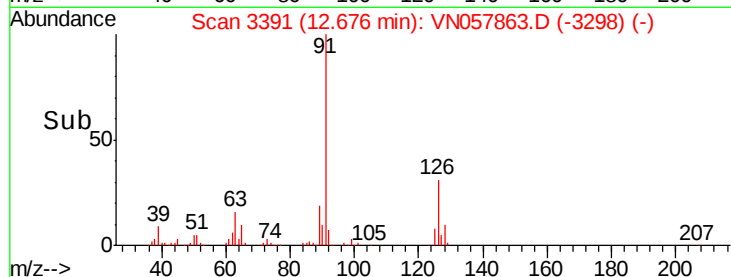
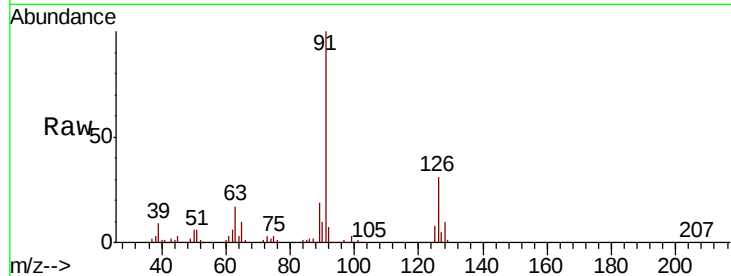
VN0911WBS01

Tgt Ion: 91 Resp: 311175

Ion Ratio Lower Upper

91 100

126 32.1 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 20.532 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057863.D

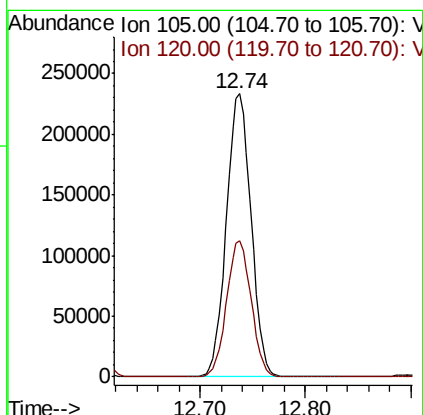
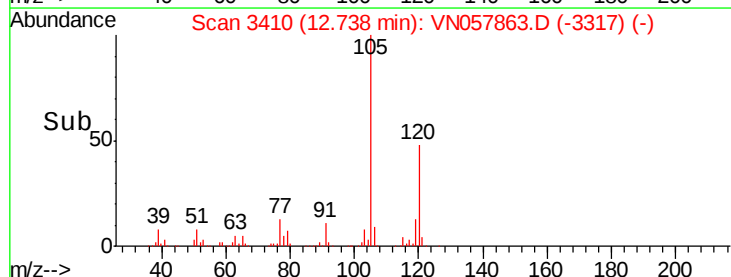
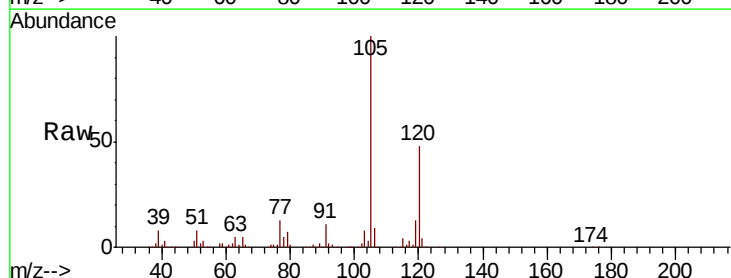
Acq: 10 Sep 2019 15:33

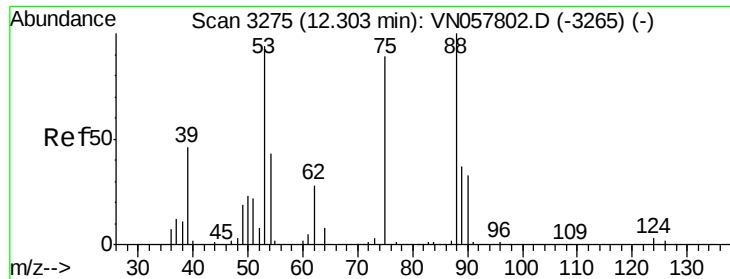
Tgt Ion: 105 Resp: 377210

Ion Ratio Lower Upper

105 100

120 47.8 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 18.422 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampleId :

VN0911WBS01

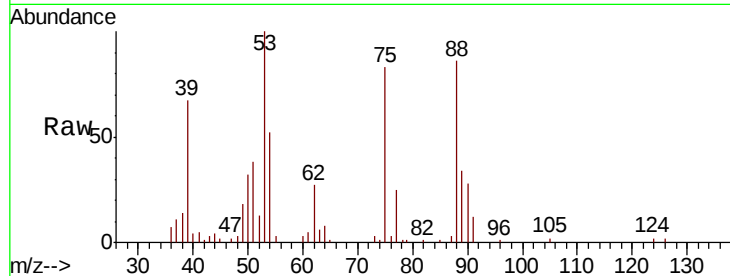
Tgt Ion: 75 Resp: 33183

Ion Ratio Lower Upper

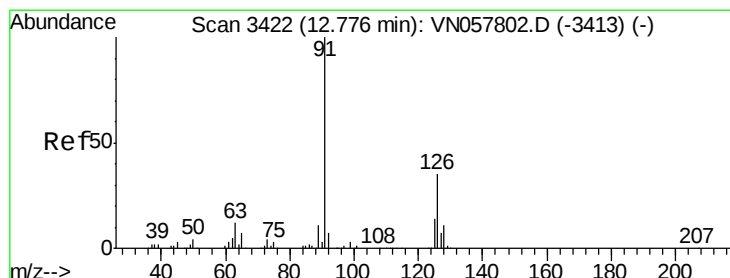
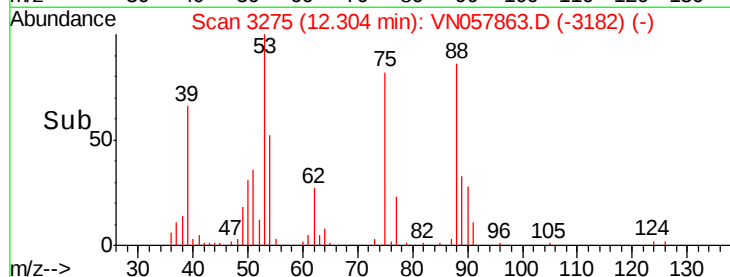
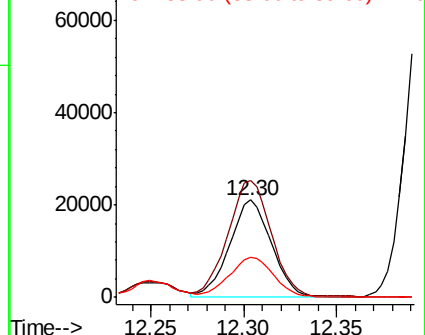
75 100

53 125.4 88.4 132.6

89 43.8 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VNO  
Ion 53.00 (52.70 to 53.70): VNO  
Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 19.950 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057863.D

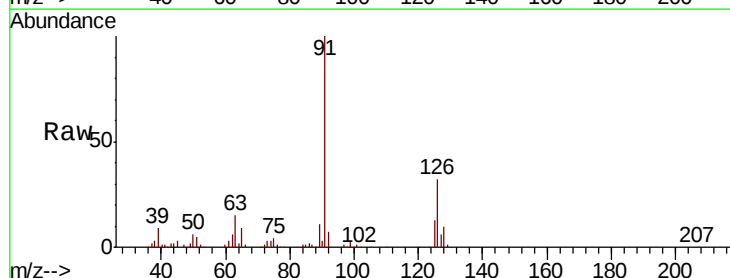
Acq: 10 Sep 2019 15:33

Tgt Ion: 91 Resp: 323306

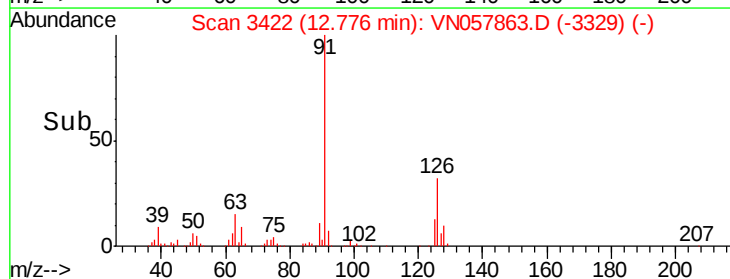
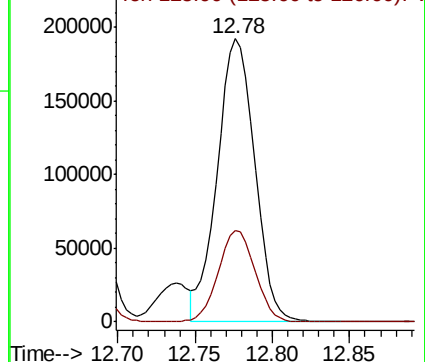
Ion Ratio Lower Upper

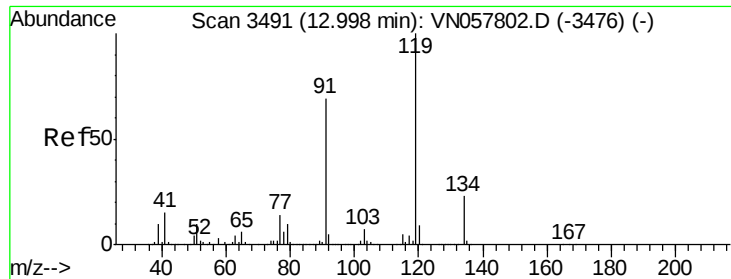
91 100

126 31.8 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VNO  
Ion 125.90 (125.60 to 126.60): V

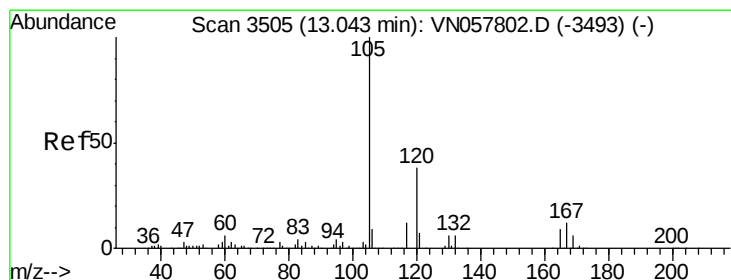
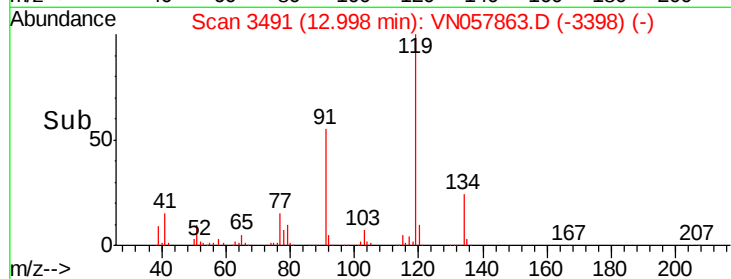
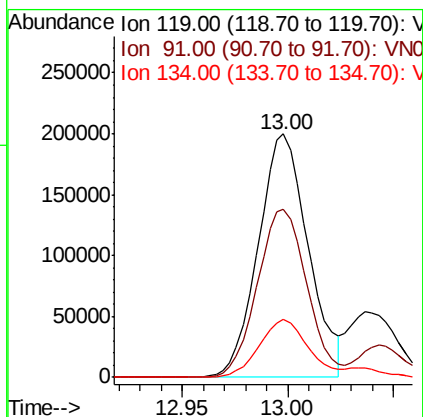
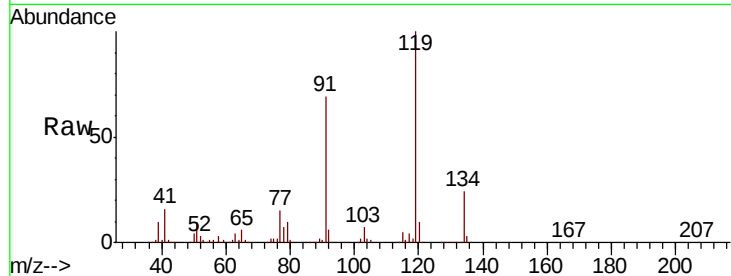




#83  
 tert-Butylbenzene  
 Concen: 20.184 ug/l  
 RT: 13.00 min Scan# 3491  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

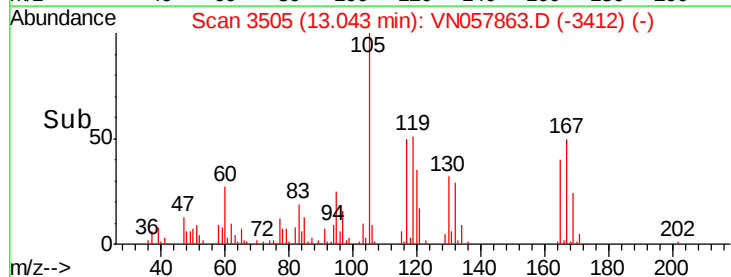
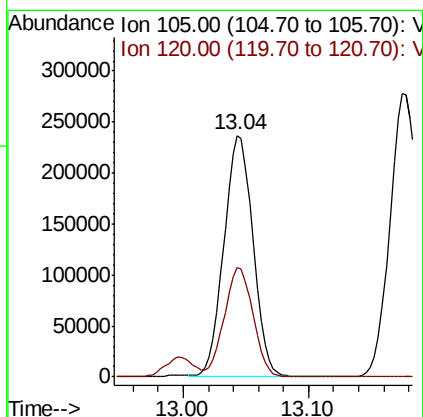
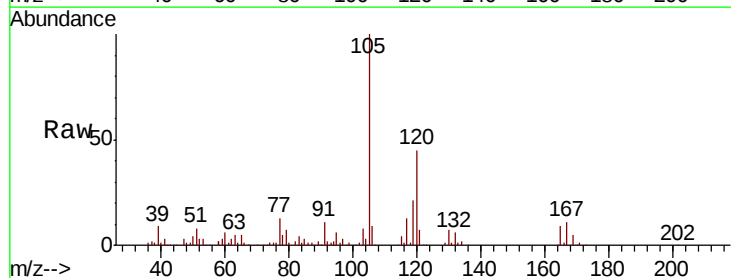
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

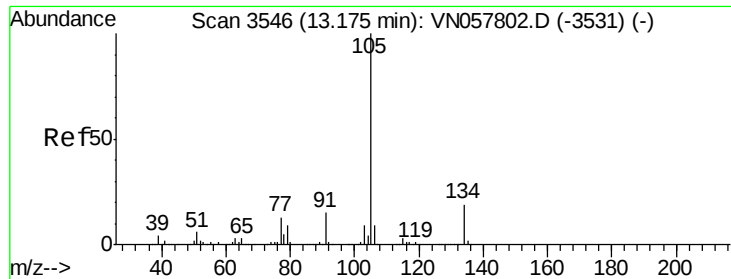
Tgt Ion:119 Resp: 329621  
 Ion Ratio Lower Upper  
 119 100  
 91 68.7 33.6 100.8  
 134 23.1 11.7 35.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.336 ug/l  
 RT: 13.04 min Scan# 3505  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Tgt Ion:105 Resp: 379717  
 Ion Ratio Lower Upper  
 105 100  
 120 44.8 22.4 67.2

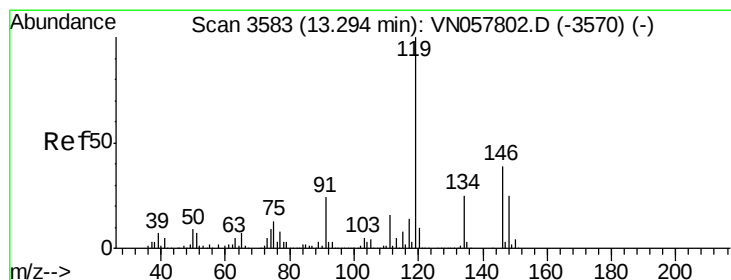
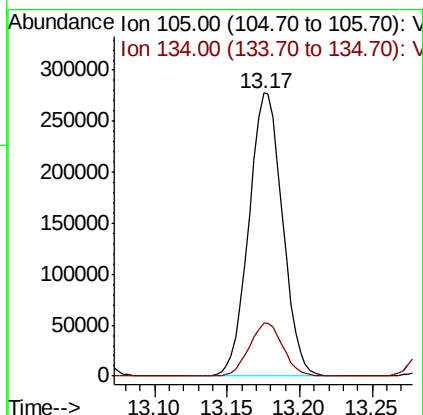
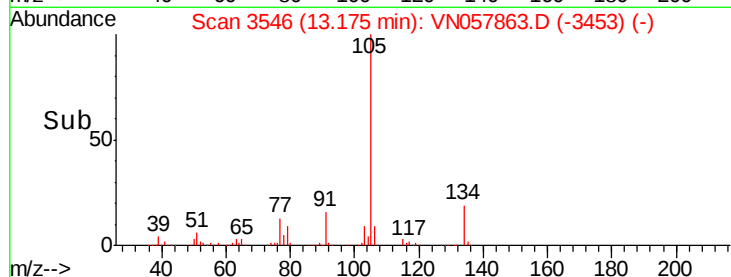
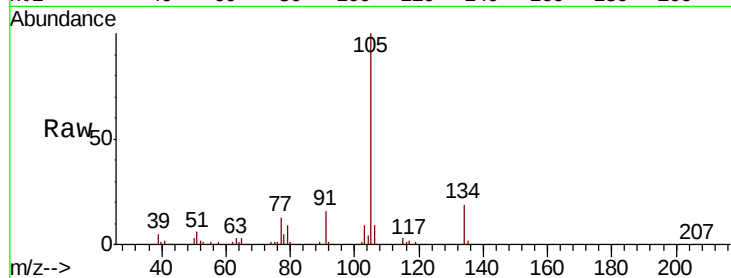




#85  
 sec-Butylbenzene  
 Concen: 20.714 ug/l  
 RT: 13.17 min Scan# 3546  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

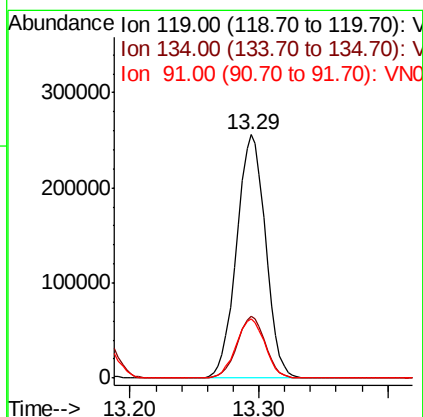
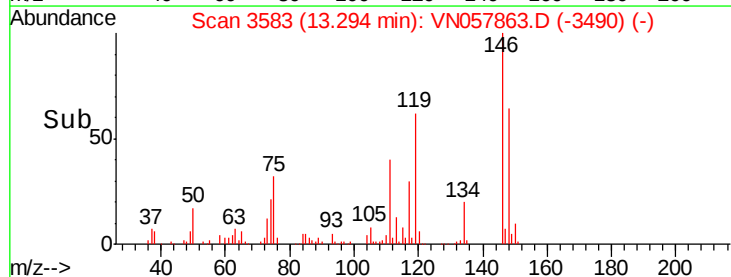
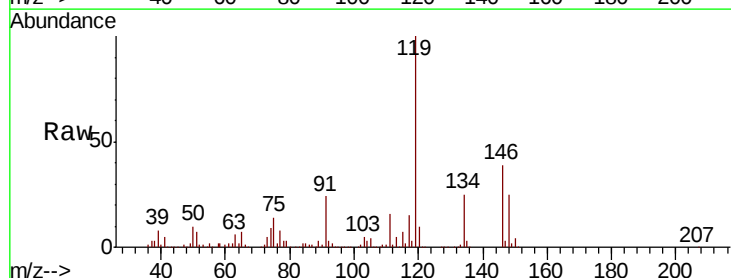
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

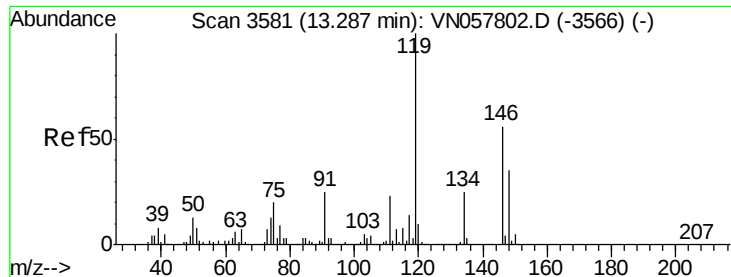
Tgt Ion:105 Resp: 448354  
 Ion Ratio Lower Upper  
 105 100  
 134 18.8 9.6 28.6



#86  
 p-Isopropyltoluene  
 Concen: 20.853 ug/l  
 RT: 13.29 min Scan# 3583  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Tgt Ion:119 Resp: 397710  
 Ion Ratio Lower Upper  
 119 100  
 134 24.8 12.5 37.5  
 91 24.3 12.3 36.8

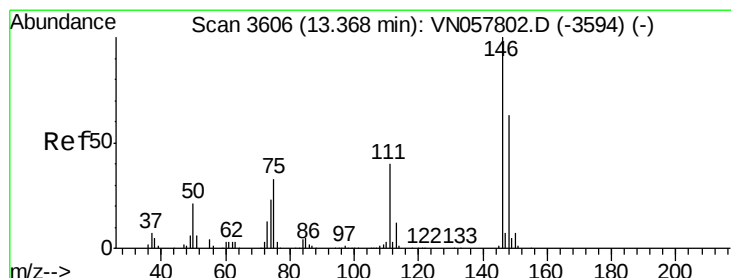
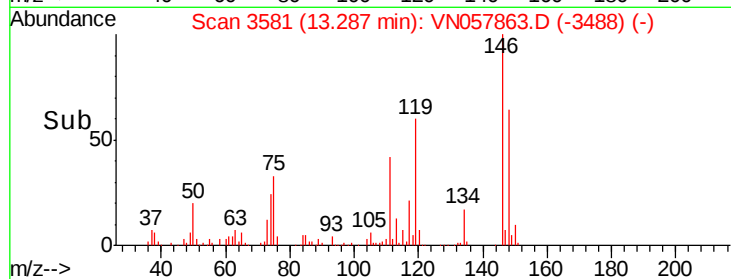
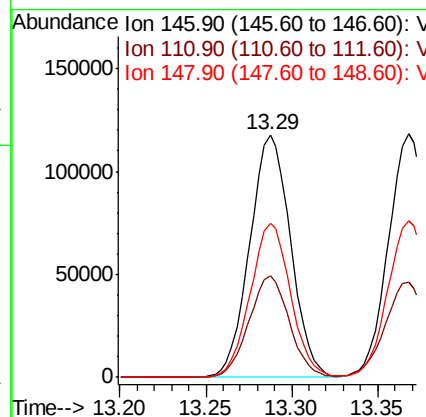
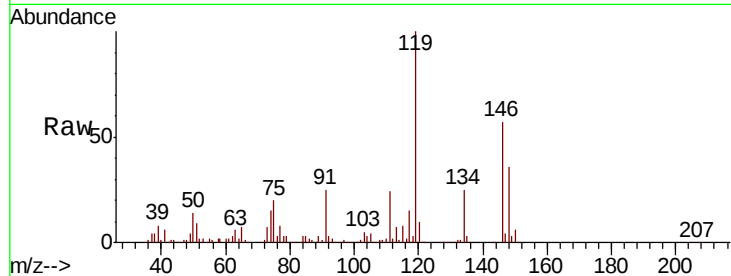




#87  
 1,3-Dichlorobenzene  
 Concen: 19.503 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

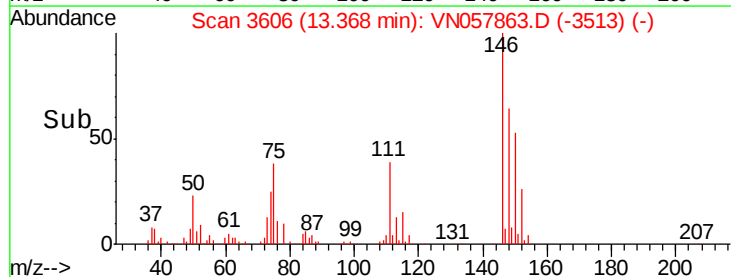
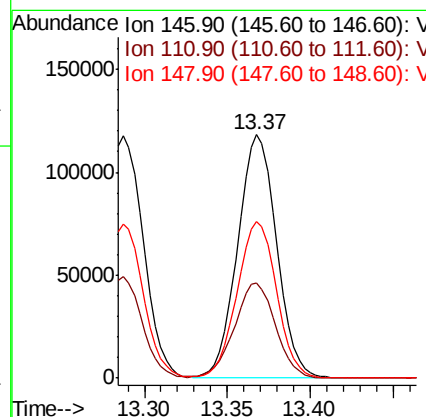
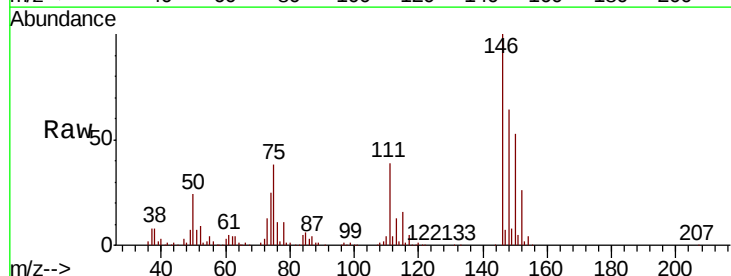
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

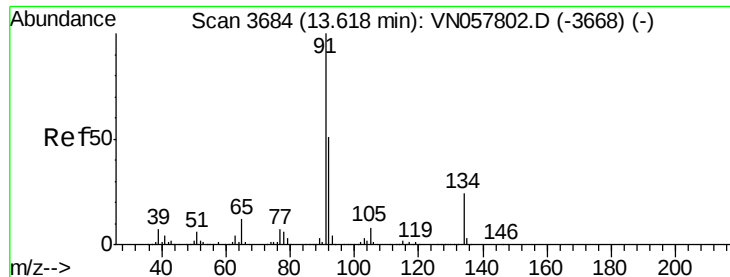
Tgt Ion:146 Resp: 194067  
 Ion Ratio Lower Upper  
 146 100  
 111 41.4 20.5 61.6  
 148 62.8 31.5 94.5



#88  
 1,4-Dichlorobenzene  
 Concen: 19.086 ug/l  
 RT: 13.37 min Scan# 3606  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Tgt Ion:146 Resp: 192771  
 Ion Ratio Lower Upper  
 146 100  
 111 41.0 20.4 61.2  
 148 65.6 31.8 95.4





#89

n-Butylbenzene

Concen: 20.066 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampleId :

VN0911WBS01

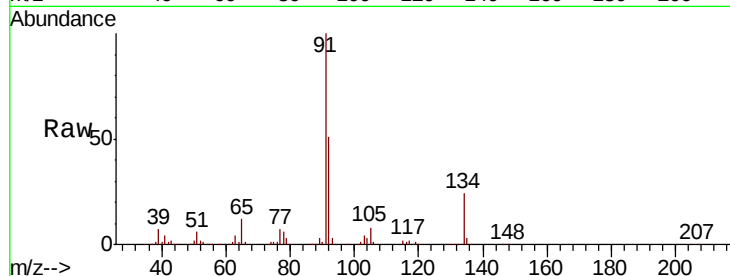
Tgt Ion: 91 Resp: 361405

Ion Ratio Lower Upper

91 100

92 52.2 25.7 77.0

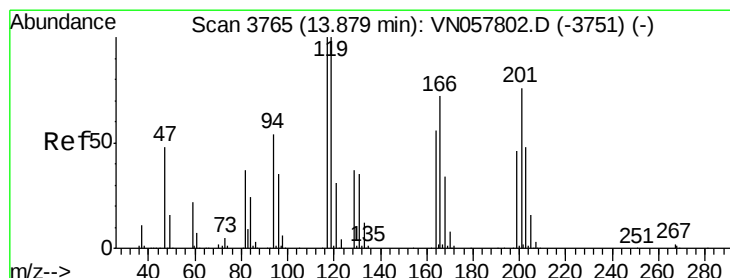
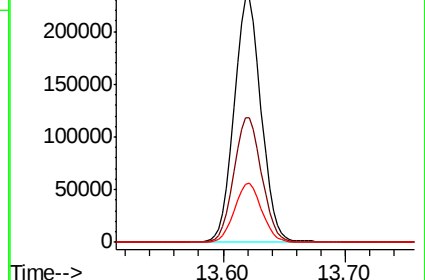
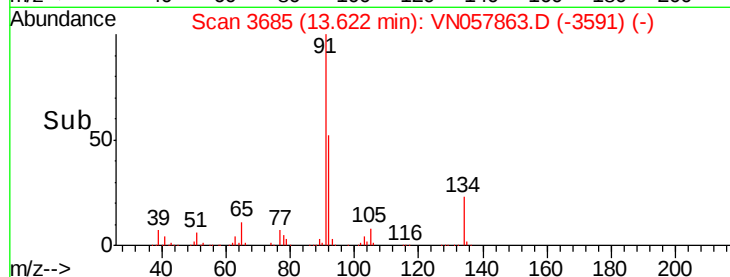
134 24.3 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): VN0



#90

Hexachloroethane

Concen: 19.839 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN057863.D

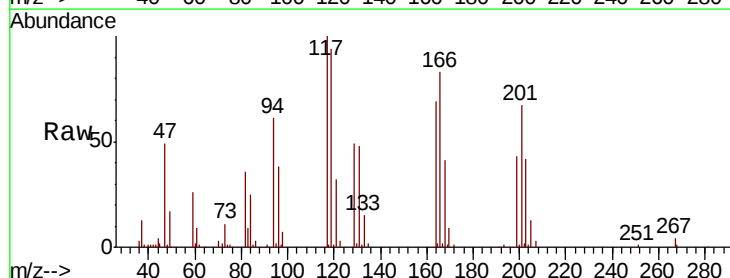
Acq: 10 Sep 2019 15:33

Tgt Ion: 117 Resp: 56271

Ion Ratio Lower Upper

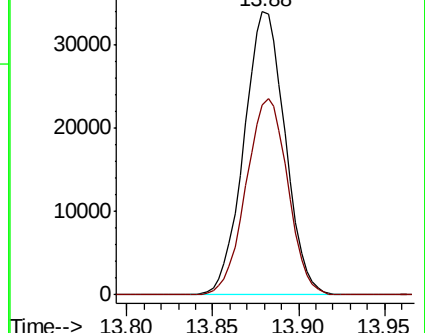
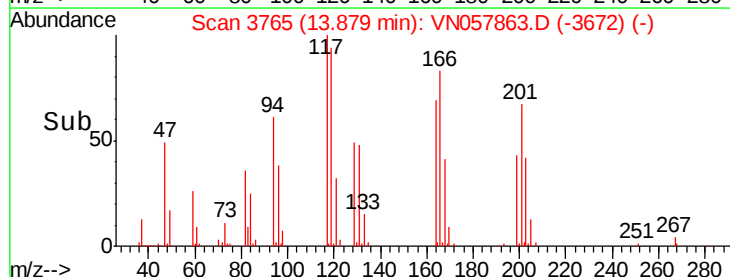
117 100

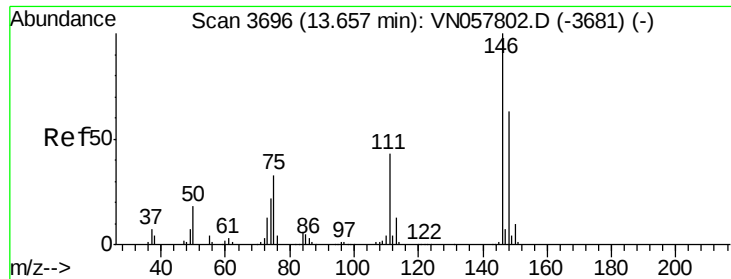
201 70.2 37.5 112.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

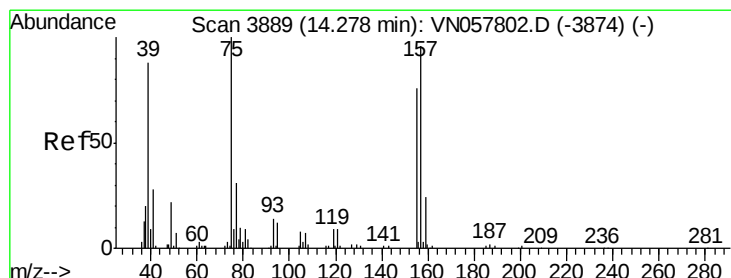
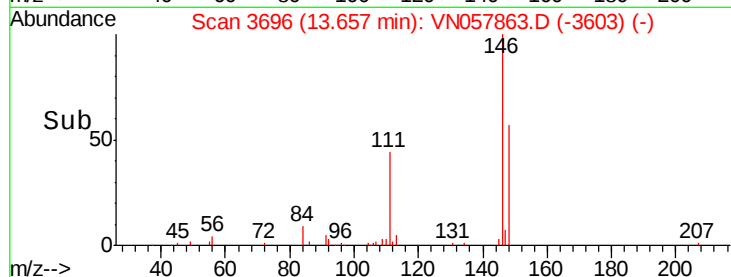
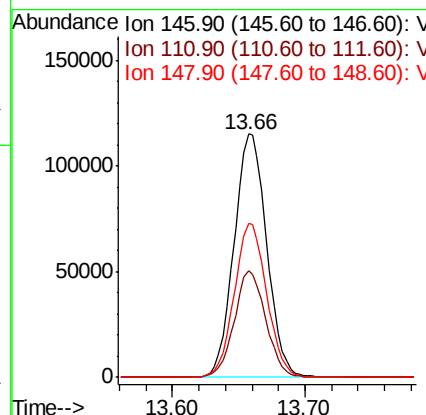
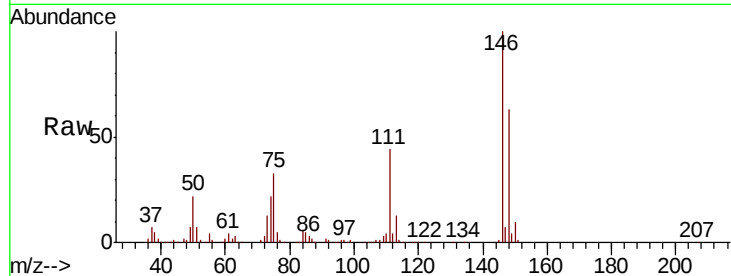




#91  
 1,2-Dichlorobenzene  
 Concen: 19.797 ug/l  
 RT: 13.66 min Scan# 3696  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

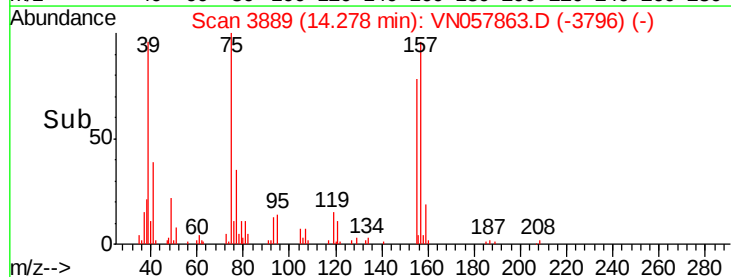
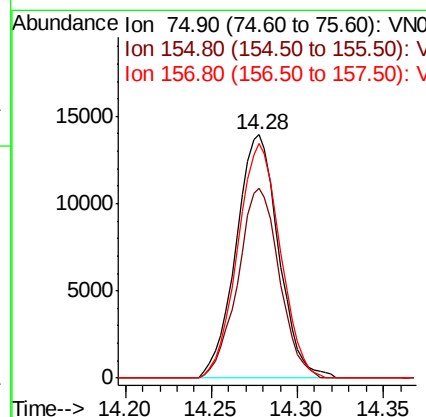
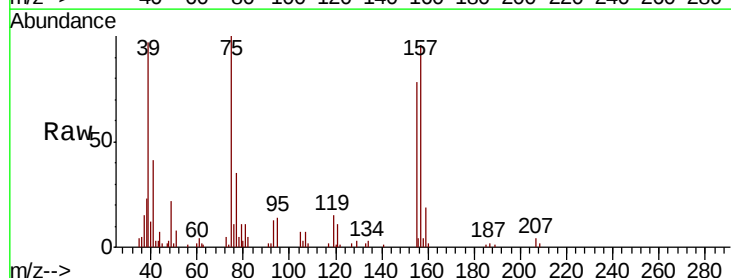
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

Tgt Ion: 146 Resp: 196803  
 Ion Ratio Lower Upper  
 146 100  
 111 42.1 21.3 63.9  
 148 62.8 31.4 94.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.886 ug/l  
 RT: 14.28 min Scan# 3889  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Tgt Ion: 75 Resp: 24043  
 Ion Ratio Lower Upper  
 75 100  
 155 75.7 37.3 111.8  
 157 96.2 47.9 143.8

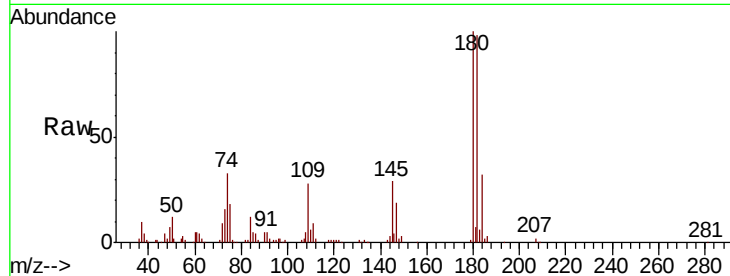




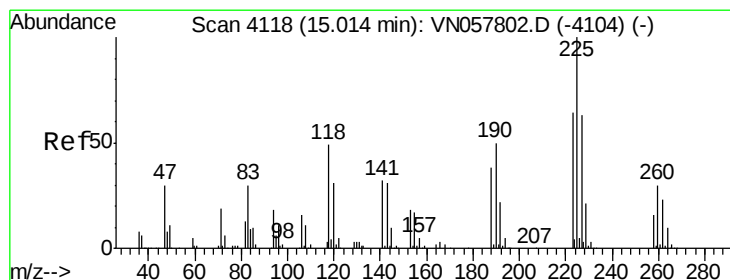
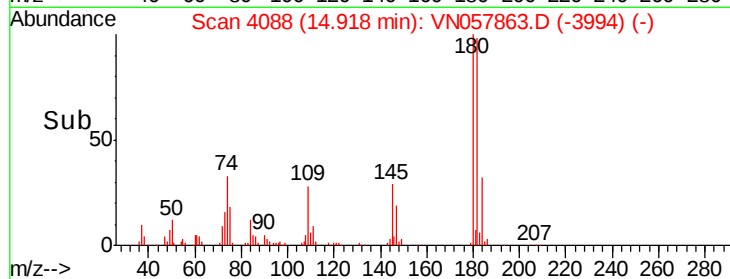
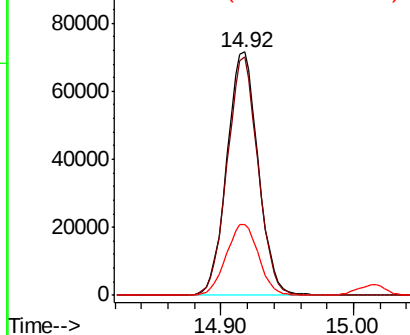
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.062 ug/l  
 RT: 14.92 min Scan# 4088  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0911WBS01

Tgt Ion:180 Resp: 117359  
 Ion Ratio Lower Upper  
 180 100  
 182 96.0 46.9 140.8  
 145 30.3 14.9 44.7

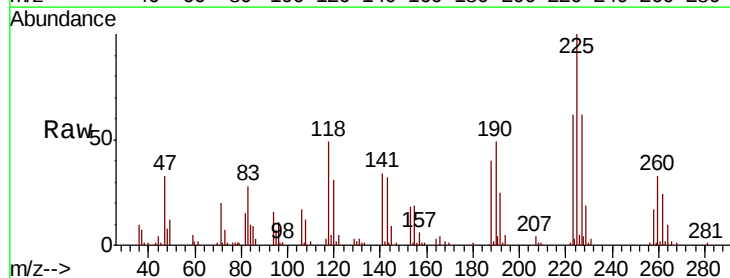


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

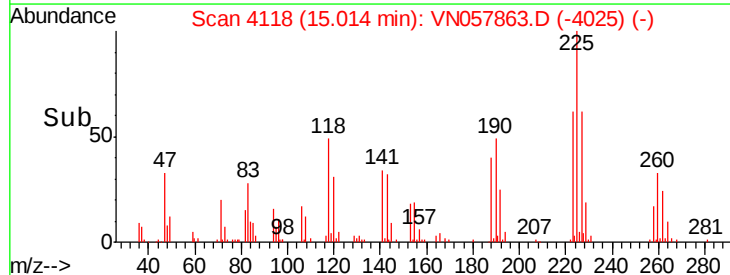
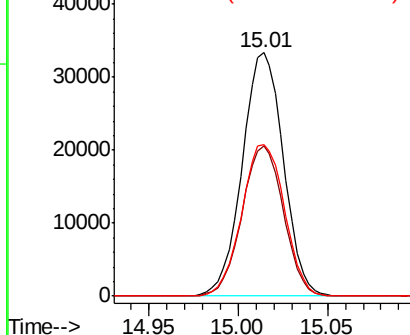


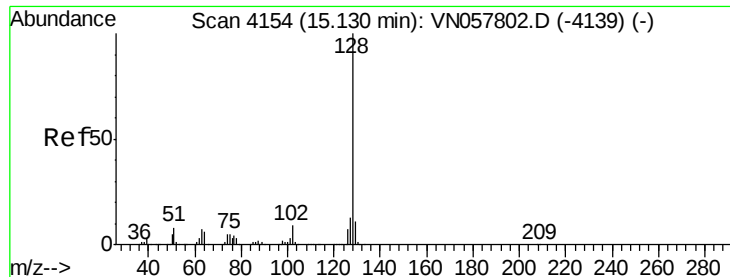
#94  
 Hexachlorobutadiene  
 Concen: 19.511 ug/l  
 RT: 15.01 min Scan# 4118  
 Delta R.T. 0.00 min  
 Lab File: VN057863.D  
 Acq: 10 Sep 2019 15:33

Tgt Ion:225 Resp: 53740  
 Ion Ratio Lower Upper  
 225 100  
 223 62.1 32.4 97.2  
 227 64.7 31.8 95.4



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: 19.445 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

Instrument :

MSVOA\_N

ClientSampleId :

VN0911WBS01

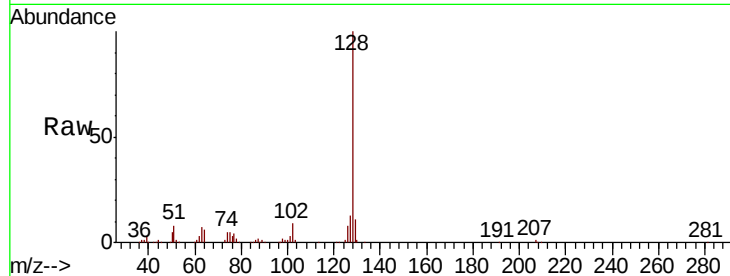
Tgt Ion:128 Resp: 334712

Ion Ratio Lower Upper

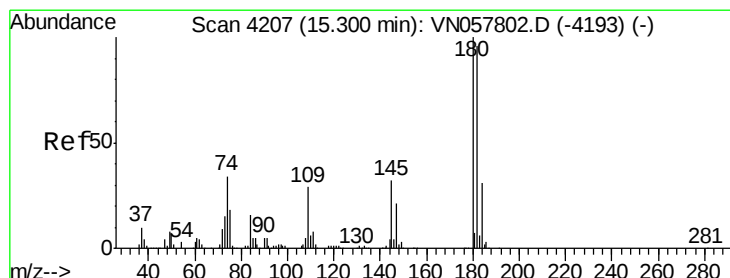
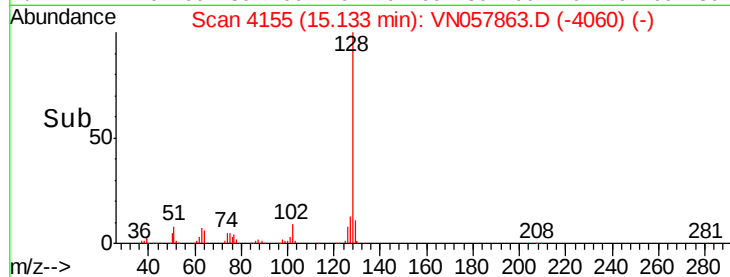
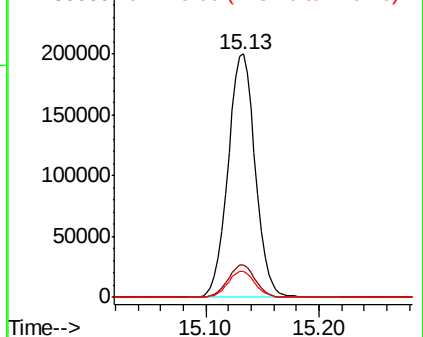
128 100

127 13.6 10.3 15.5

129 10.7 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: 20.345 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057863.D

Acq: 10 Sep 2019 15:33

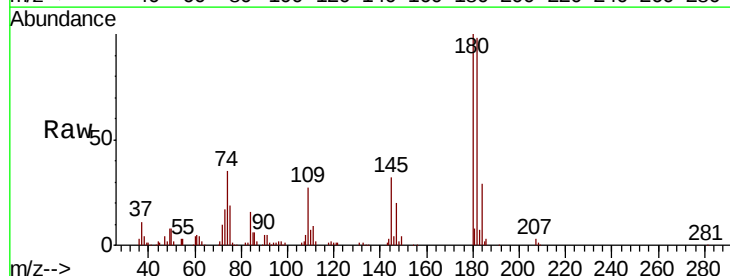
Tgt Ion:180 Resp: 111977

Ion Ratio Lower Upper

180 100

182 95.0 48.3 144.8

145 32.7 16.3 48.8



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

