

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\  
 Data File : VN060762.D  
 Acq On : 30 Mar 2020 11:52  
 Operator : JC/MD  
 Sample : VN0330WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0330WBS01

Quant Time: Mar 31 08:13:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 18 08:49:09 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 208034   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.56  | 114  | 337521   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 306591   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 143368   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.00   | 65  | 135135   | 47.32 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.64%  |      |
| 35) Dibromofluoromethane  | 7.56   | 113 | 102212   | 50.08 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.16% |      |
| 50) Toluene-d8            | 10.08  | 98  | 402376   | 48.27 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.54%  |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 146129   | 47.83 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.66%  |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 36690  | 18.227  | ug/l | 97     |
| 3) Chloromethane              | 2.04 | 50  | 63168  | 16.802  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.17 | 62  | 49843  | 16.951  | ug/l | 100    |
| 5) Bromomethane               | 2.55 | 94  | 25052  | 19.736  | ug/l | 97     |
| 6) Chloroethane               | 2.69 | 64  | 31005  | 18.304  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 66743  | 18.426  | ug/l | 96     |
| 8) Diethyl Ether              | 3.38 | 74  | 27314  | 18.771  | ug/l | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.73 | 101 | 40624  | 19.355  | ug/l | 100    |
| 10) Methyl Iodide             | 3.93 | 142 | 35584  | 19.053  | ug/l | 98     |
| 11) Tert butyl alcohol        | 4.72 | 59  | 41597  | 99.040  | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 3.71 | 96  | 40910  | 18.163  | ug/l | 98     |
| 13) Acrolein                  | 3.57 | 56  | 41208  | 88.527  | ug/l | 99     |
| 14) Allyl chloride            | 4.29 | 41  | 74040  | 18.690  | ug/l | 96     |
| 15) Acrylonitrile             | 4.94 | 53  | 117811 | 95.389  | ug/l | 100    |
| 16) Acetone                   | 3.78 | 43  | 115305 | 113.983 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.03 | 76  | 118610 | 17.315  | ug/l | 100    |
| 18) Methyl Acetate            | 4.28 | 43  | 55221  | 19.394  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.00 | 73  | 144362 | 18.642  | ug/l | 97     |
| 20) Methylene Chloride        | 4.52 | 84  | 45423  | 18.253  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 44267  | 18.441  | ug/l | 93     |
| 22) Diisopropyl ether         | 5.91 | 45  | 162815 | 19.454  | ug/l | 99     |
| 23) Vinyl Acetate             | 5.86 | 43  | 669770 | 98.083  | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 5.81 | 63  | 87644  | 19.210  | ug/l | 99     |
| 25) 2-Butanone                | 6.79 | 43  | 162298 | 99.148  | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 6.79 | 77  | 74602  | 20.782  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96  | 49647  | 18.200  | ug/l | 95     |
| 28) Bromochloromethane        | 7.17 | 49  | 41955  | 19.220  | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.18 | 42  | 107794 | 93.071  | ug/l | 98     |
| 30) Chloroform                | 7.34 | 83  | 82363  | 18.831  | ug/l | 100    |
| 31) Cyclohexane               | 7.63 | 56  | 83673  | 18.191  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.54 | 97  | 70299  | 18.644  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 7.77 | 75  | 64038  | 19.594  | ug/l | 100    |
| 37) Ethyl Acetate             | 6.89 | 43  | 68231  | 19.321  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.75 | 117 | 54767  | 18.697  | ug/l | 97     |

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 Acq On : 30 Mar 2020 11:52  
 Operator : JC/MD  
 Sample : VN0330WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0330WBS01

Quant Time: Mar 31 08:13:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 18 08:49:09 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.06  | 83   | 78210    | 20.137  | ug/l   | 98       |
| 40) Benzene                    | 8.02  | 78   | 193142   | 19.576  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.14  | 41   | 28647m   | 19.008  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 66583    | 19.747  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.14  | 43   | 112900   | 19.385  | ug/l   | 99       |
| 44) Trichloroethene            | 8.82  | 130  | 48750    | 19.601  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 52388    | 20.123  | ug/l   | 99       |
| 46) Dibromomethane             | 9.19  | 93   | 30491    | 19.373  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.38  | 83   | 63609    | 19.449  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.18  | 41   | 48476    | 18.695  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 14690    | 476.625 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 325044   | 98.079  | ug/l   | 99       |
| 52) Toluene                    | 10.14 | 92   | 113863   | 19.110  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 75376    | 20.064  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.82  | 75   | 80688    | 19.578  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 44900    | 19.587  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 66558    | 18.622  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 77545    | 19.494  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 155405   | 87.482  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.74 | 43   | 232477   | 97.380  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.89 | 129  | 45780    | 19.334  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 10.99 | 107  | 44242    | 19.194  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.62 | 164  | 46136    | 19.123  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.42 | 112  | 117729   | 19.370  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 42886    | 19.488  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.50 | 91   | 219050   | 19.380  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.61 | 106  | 160669   | 38.253  | ug/l   | 98       |
| 69) o-Xylene                   | 11.94 | 106  | 76929    | 19.186  | ug/l   | 98       |
| 70) Styrene                    | 11.96 | 104  | 122540   | 18.687  | ug/l   | 100      |
| 71) Bromoform                  | 12.12 | 173  | 31306    | 18.222  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.24 | 105  | 210355   | 19.551  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.06 | 43   | 93175    | 18.741  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 62243    | 19.130  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 52898m   | 17.099  | ug/l   |          |
| 77) Bromobenzene               | 12.52 | 156  | 49232    | 18.989  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 245373   | 19.304  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 144689   | 19.051  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 176204   | 19.298  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.29 | 75   | 22593    | 18.757  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 148121   | 19.148  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 148429   | 19.610  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 175484   | 19.427  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 201846   | 19.832  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.28 | 119  | 180518   | 19.724  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 87806    | 19.203  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 87023    | 18.943  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.61 | 91   | 165298   | 20.004  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.87 | 117  | 26986    | 20.285  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 85564    | 19.570  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75   | 12376    | 17.989  | ug/l   | 96       |

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Data File : VN060762.D  
Acq On : 30 Mar 2020 11:52  
Operator : JC/MD  
Sample : VN0330WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 4 Sample Multiplier: 1

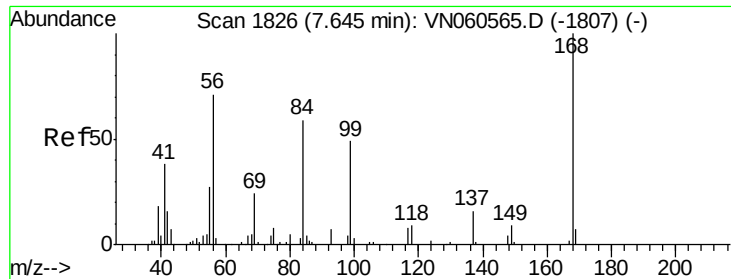
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

Quant Time: Mar 31 08:13:13 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031820W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 18 08:49:09 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.90 | 180  | 51985    | 19.361 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 27099    | 20.588 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 147630   | 18.280 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 50279    | 19.012 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

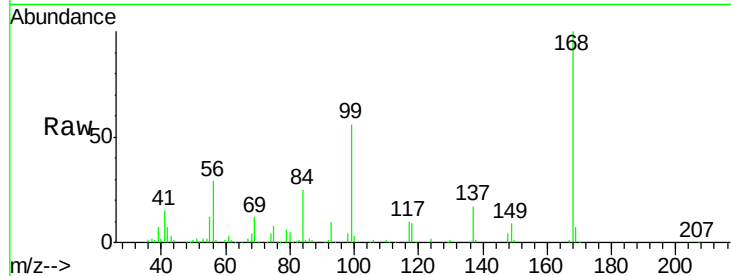
VN0330WBS01

Tot Ion:168 Resp: 208034

Ion Ratio Lower Upper

168 100

99 56.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

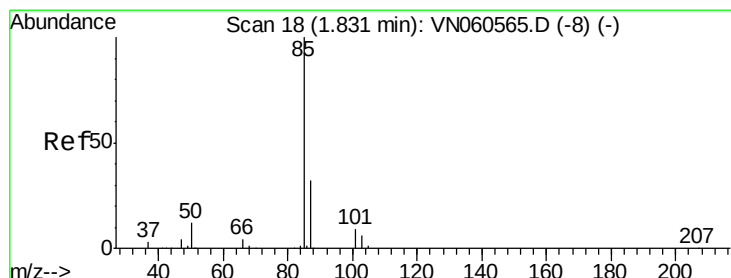
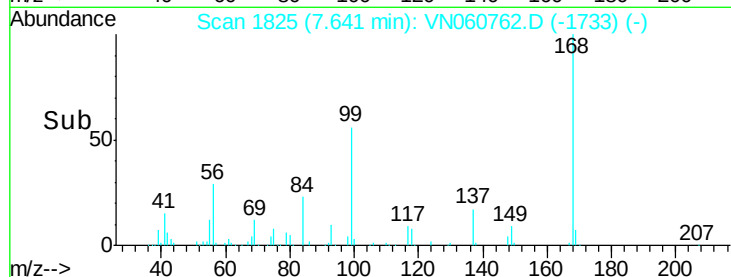
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 18.227 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060762.D

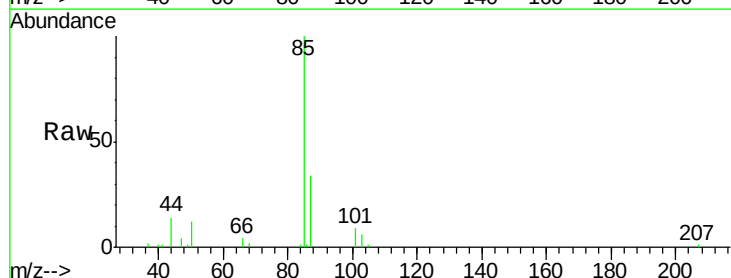
Acq: 30 Mar 2020 11:52

Tgt Ion: 85 Resp: 36690

Ion Ratio Lower Upper

85 100

87 34.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

25000

20000

15000

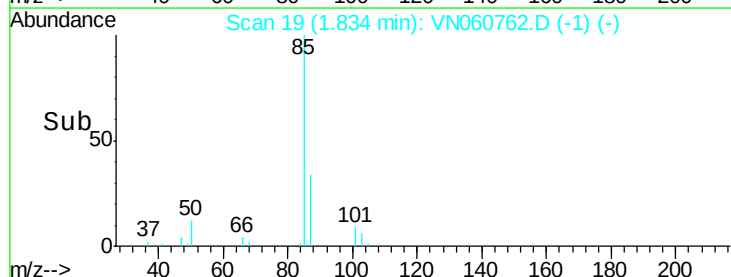
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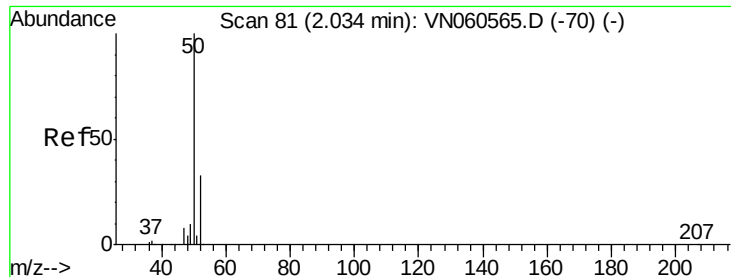
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 16.802 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

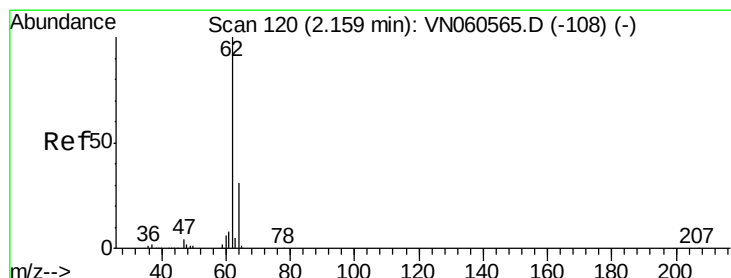
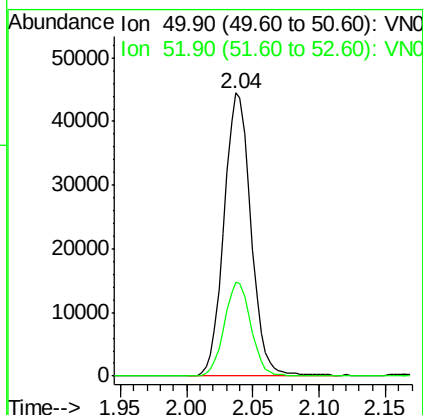
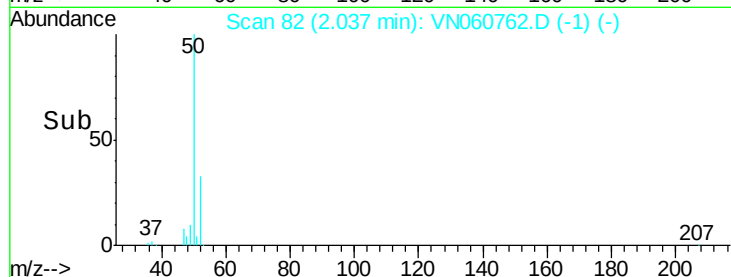
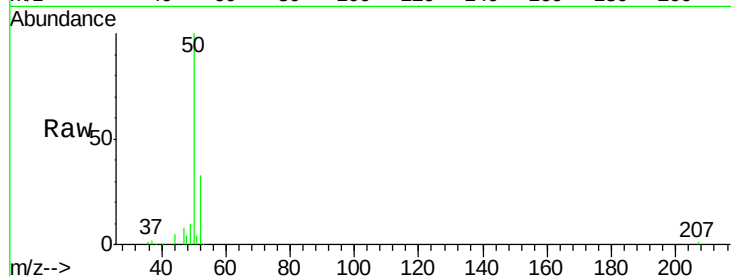
VN0330WBS01

Tot Ion: 50 Resp: 63168

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.2



#4

Vinyl Chloride

Concen: 16.951 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN060762.D

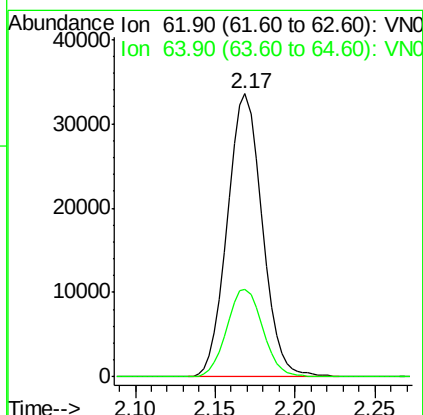
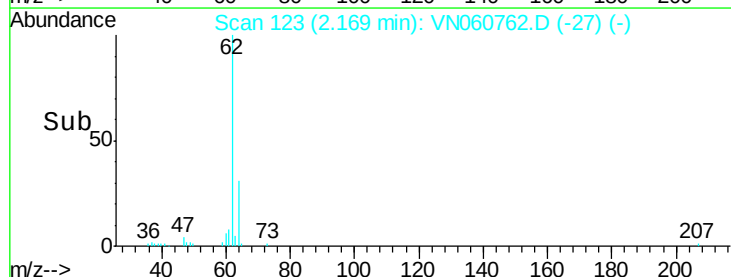
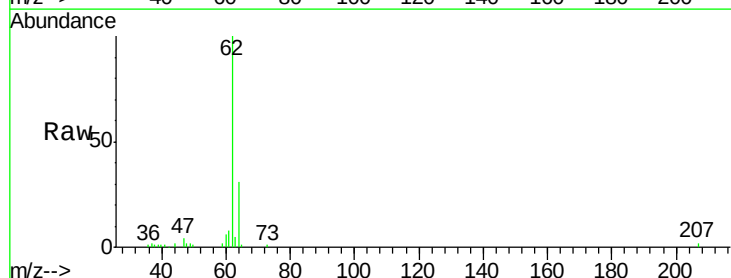
Acq: 30 Mar 2020 11:52

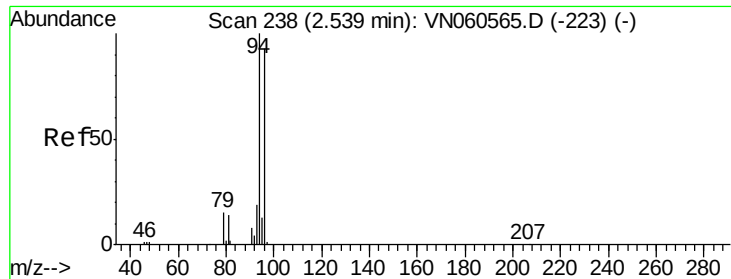
Tgt Ion: 62 Resp: 49843

Ion Ratio Lower Upper

62 100

64 31.2 24.7 37.1





#5

Bromomethane

Concen: 19.736 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

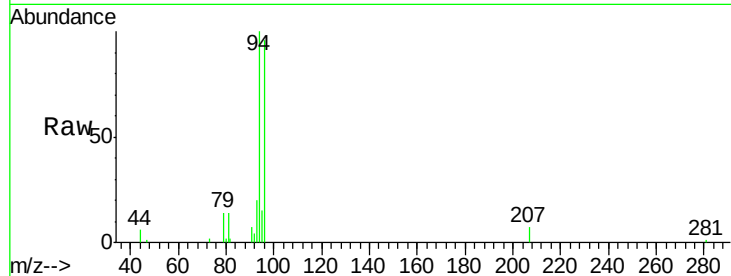
VN0330WBS01

Tot Ion: 94 Resp: 25052

Ion Ratio Lower Upper

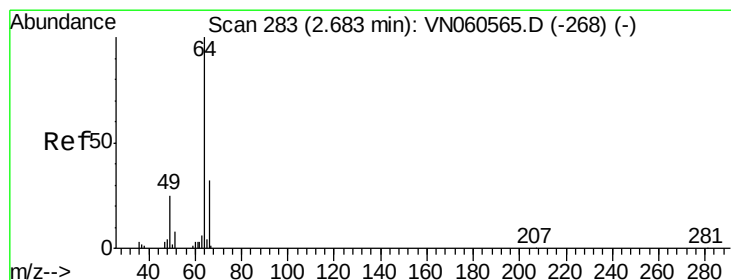
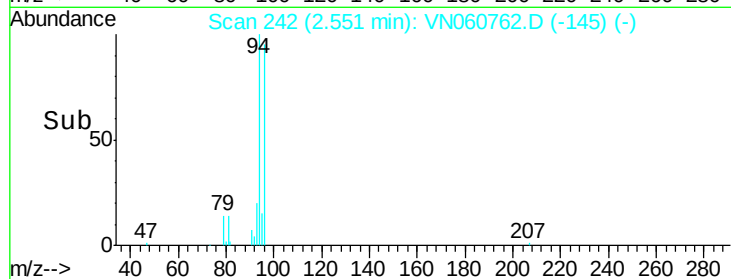
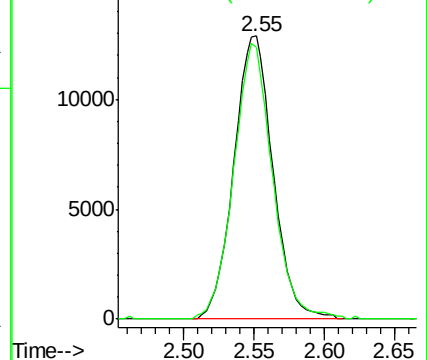
94 100

96 95.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.304 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060762.D

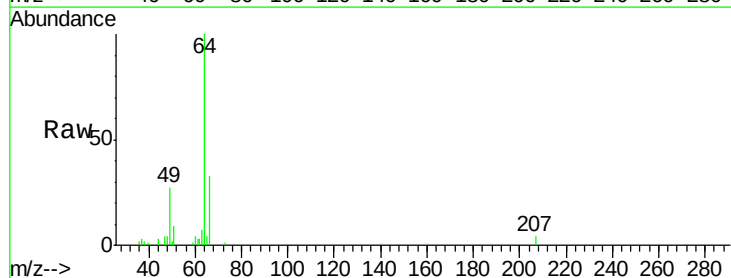
Acq: 30 Mar 2020 11:52

Tgt Ion: 64 Resp: 31005

Ion Ratio Lower Upper

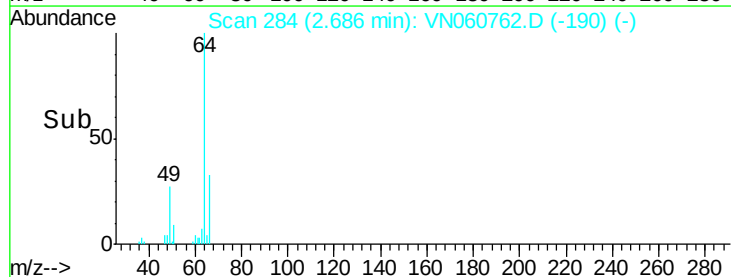
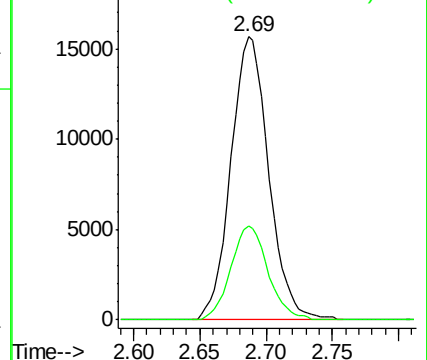
64 100

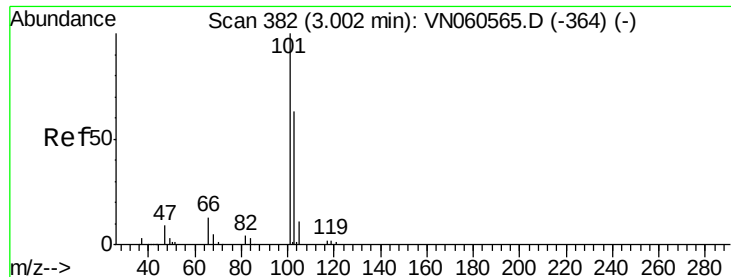
66 33.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



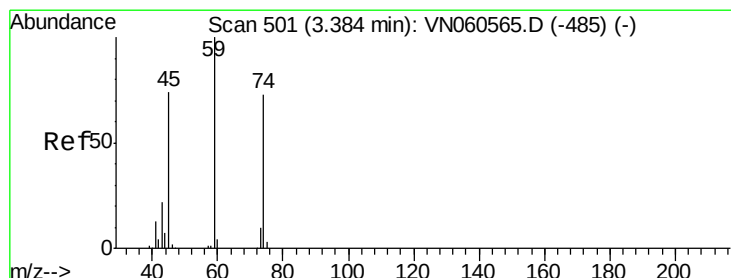
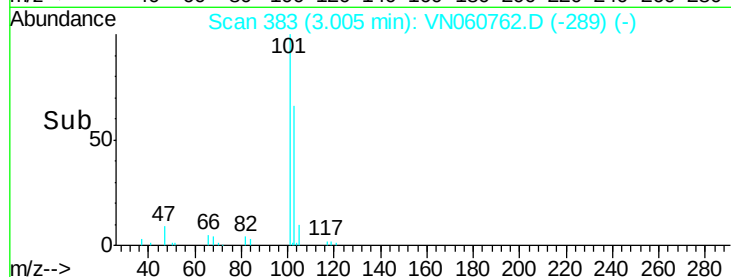
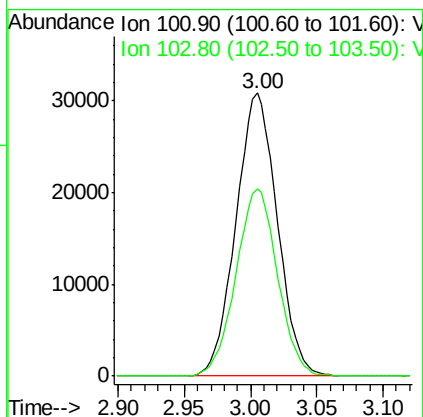
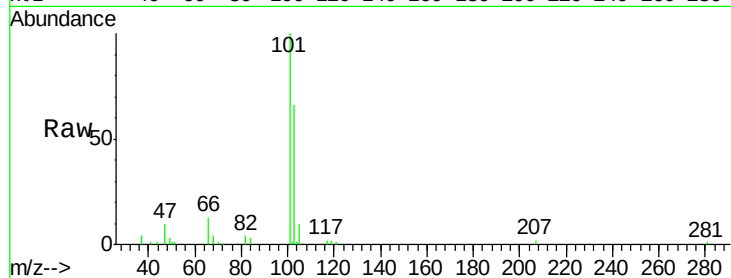


#7

Trichlorofluoromethane  
 Concen: 18.426 ug/l  
 RT: 3.00 min Scan# 383  
 Delta R.T. 0.00 min  
 Lab File: VN060762.D  
 Acq: 30 Mar 2020 11:52

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0330WBS01

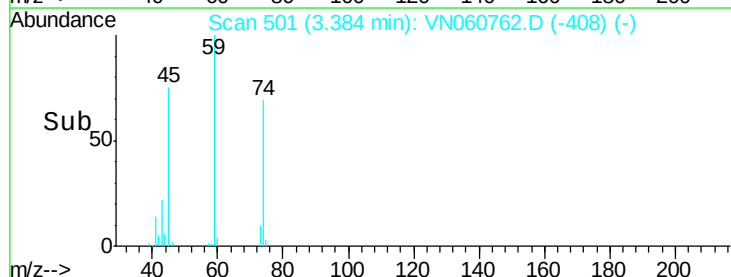
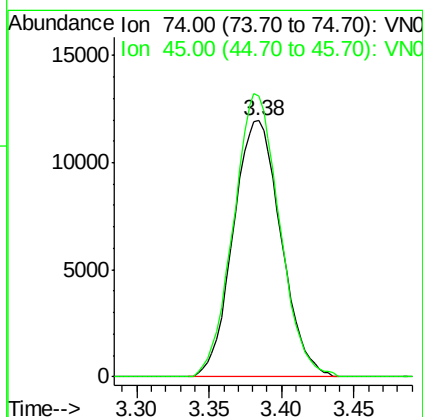
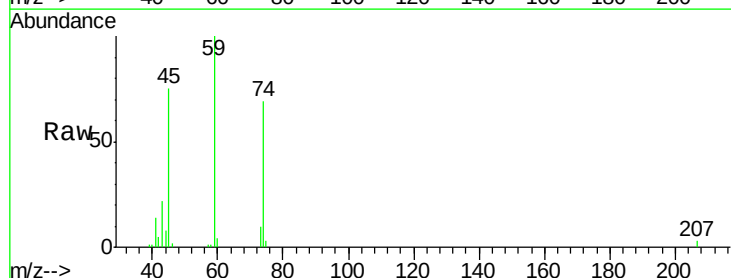
Tot Ion:101 Resp: 66743  
 Ion Ratio Lower Upper  
 101 100  
 103 66.2 50.6 76.0



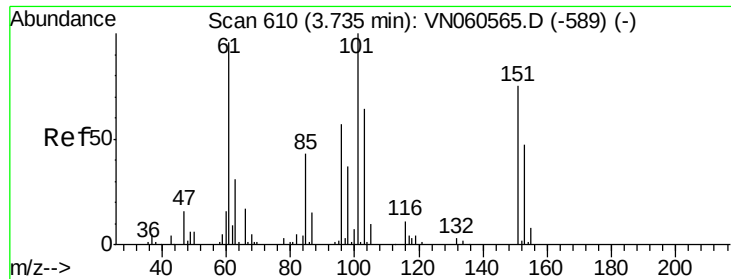
#8

Diethyl Ether  
 Concen: 18.771 ug/l  
 RT: 3.38 min Scan# 501  
 Delta R.T. -0.00 min  
 Lab File: VN060762.D  
 Acq: 30 Mar 2020 11:52

Tgt Ion: 74 Resp: 27314  
 Ion Ratio Lower Upper  
 74 100  
 45 106.7 51.3 153.9







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.355 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

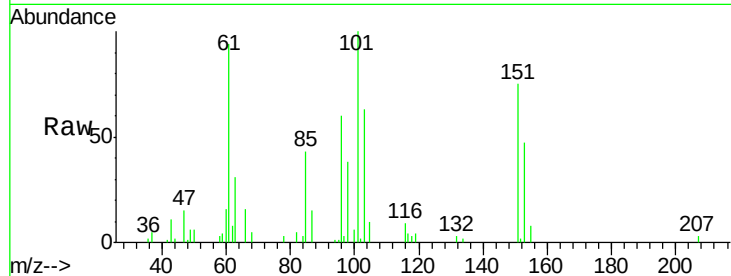
Tot Ion:101 Resp: 40624

Ion Ratio Lower Upper

101 100

85 44.6 35.6 53.4

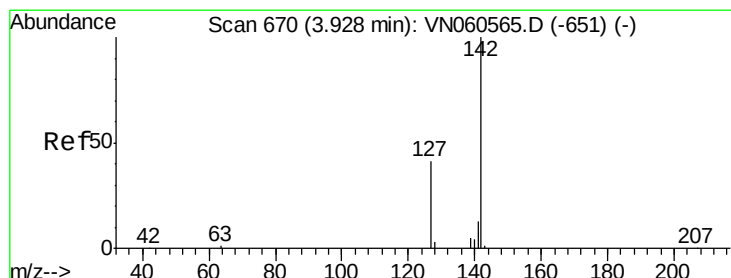
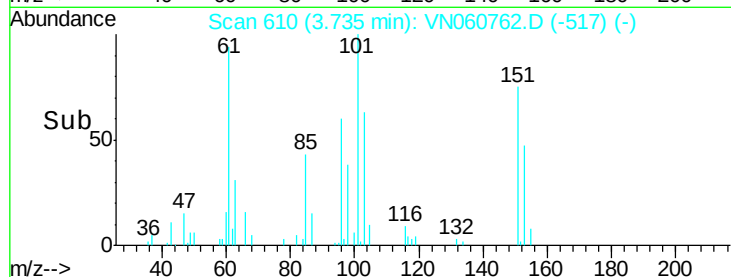
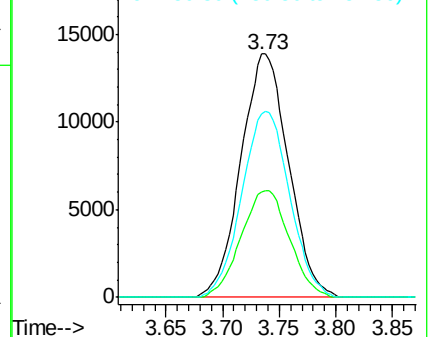
151 76.7 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.053 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

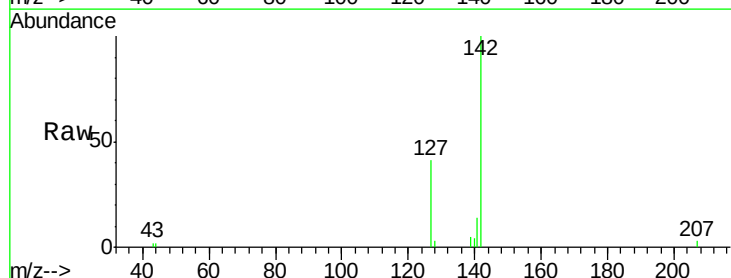
Tgt Ion:142 Resp: 35584

Ion Ratio Lower Upper

142 100

127 40.4 33.5 50.3

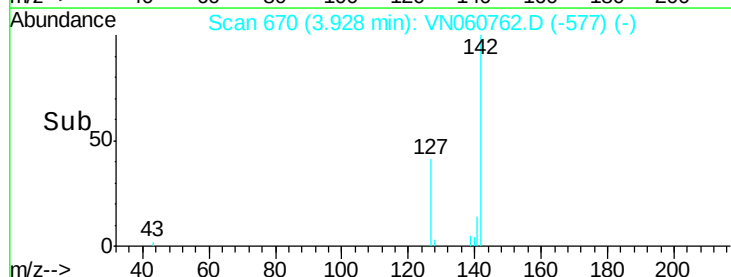
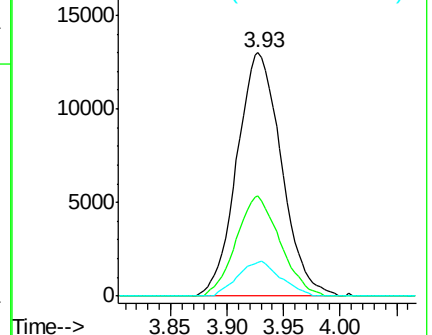
141 13.7 11.0 16.6

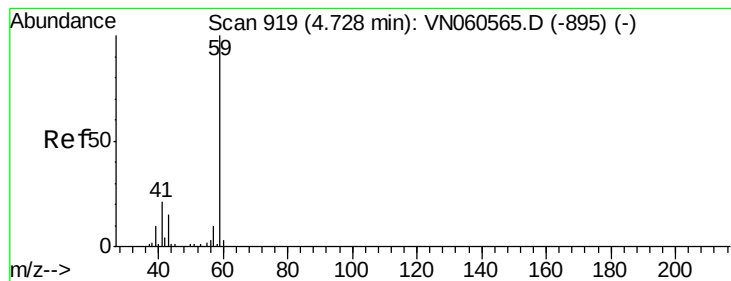


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 99.040 ug/l

RT: 4.72 min Scan# 917

Delta R.T. -0.01 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampled :

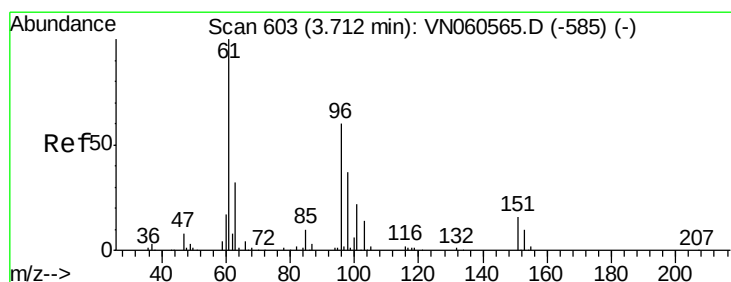
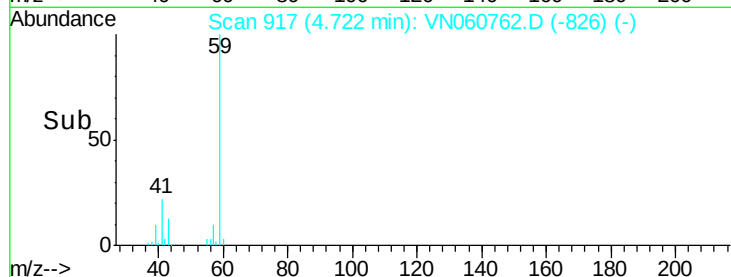
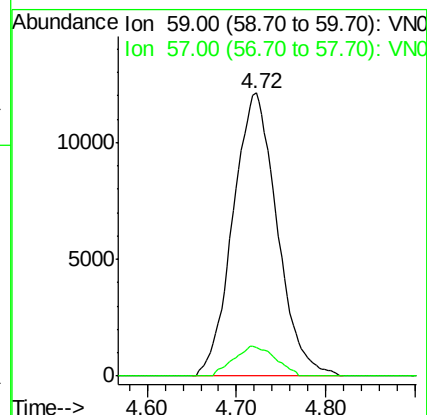
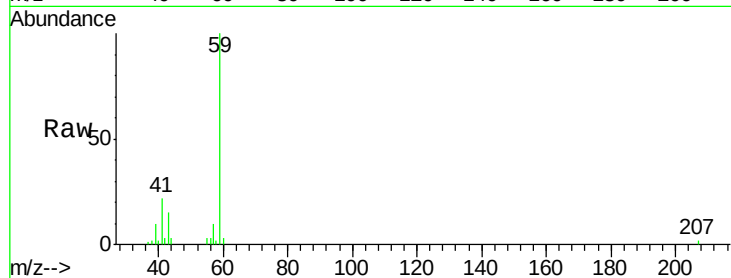
VN0330WBS01

Tot Ion: 59 Resp: 41597

Ion Ratio Lower Upper

59 100

57 10.0 8.2 12.4



#12

1,1-Dichloroethene

Concen: 18.163 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

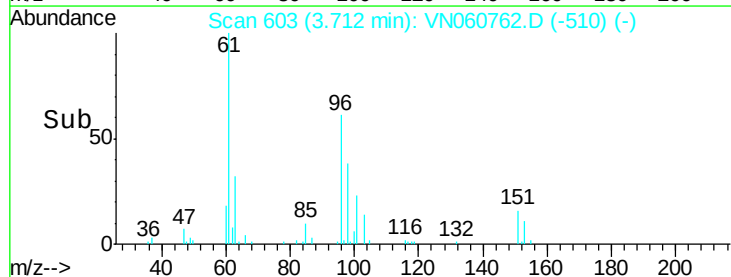
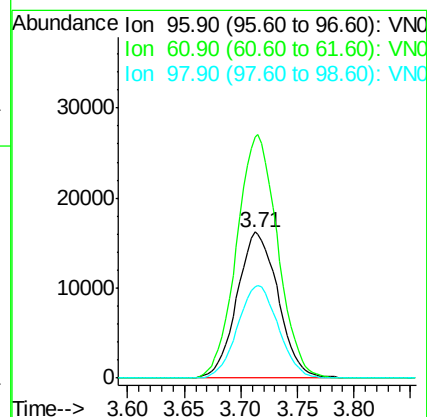
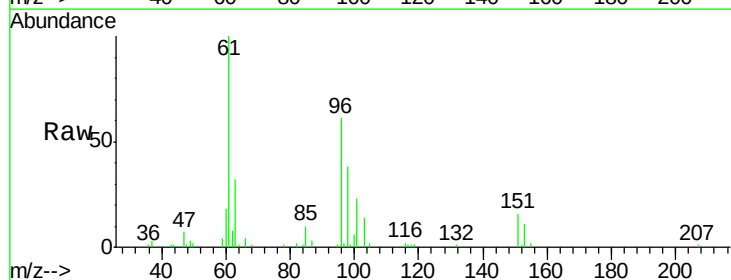
Tgt Ion: 96 Resp: 40910

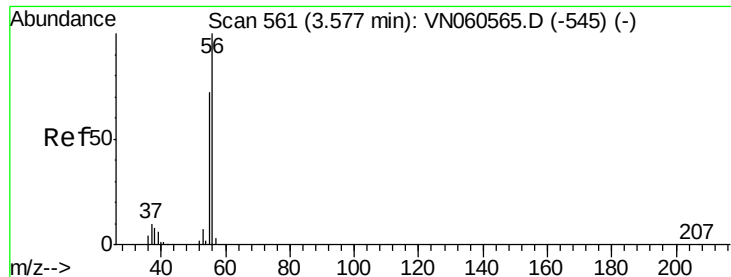
Ion Ratio Lower Upper

96 100

61 164.9 134.1 201.1

98 62.8 49.9 74.9





#13

Acrolein

Concen: 88.527 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

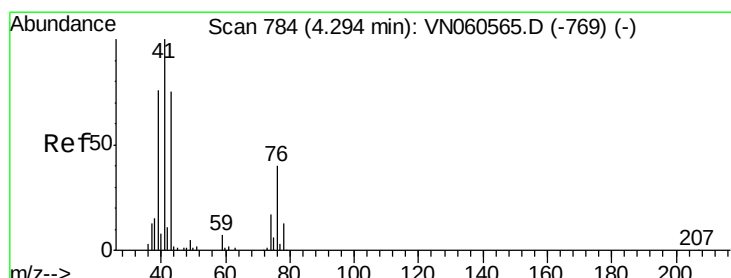
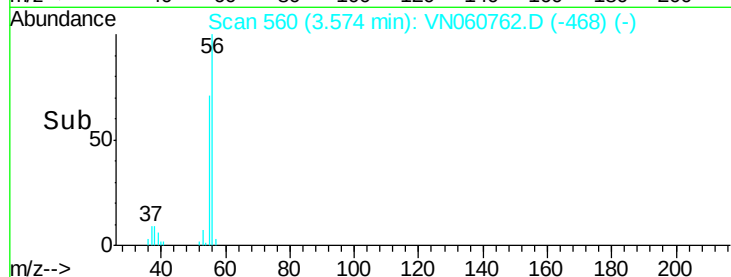
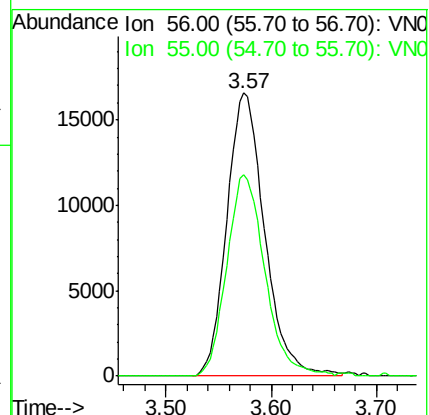
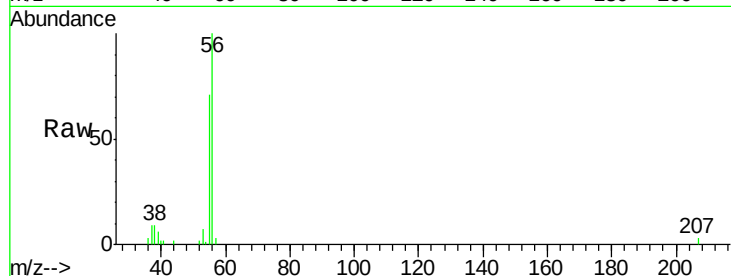
VN0330WBS01

Tot Ion: 56 Resp: 41208

Ion Ratio Lower Upper

56 100

55 71.8 56.7 85.1



#14

Allyl chloride

Concen: 18.690 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

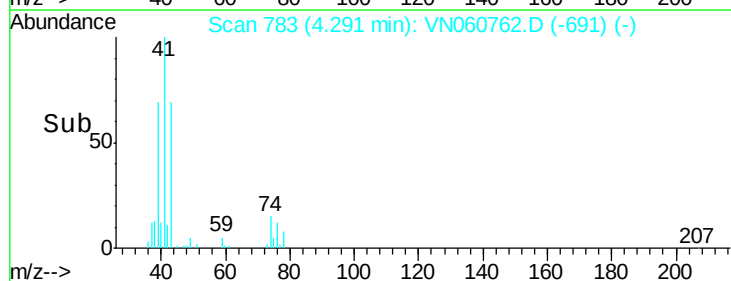
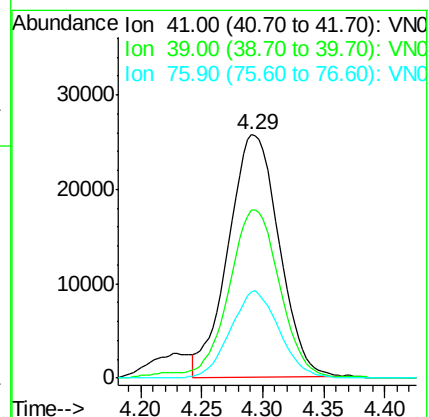
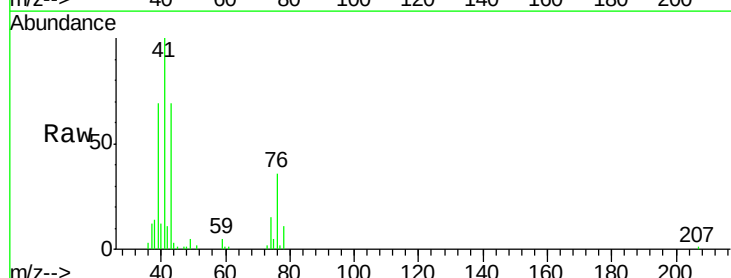
Tgt Ion: 41 Resp: 74040

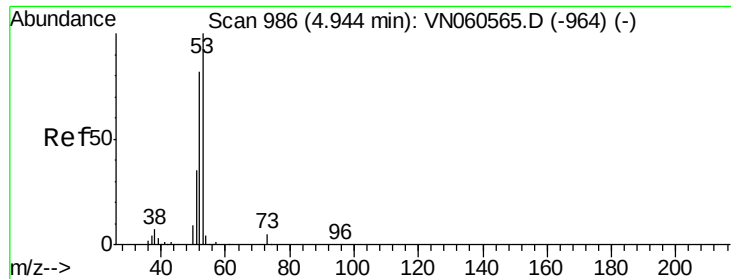
Ion Ratio Lower Upper

41 100

39 68.5 57.8 86.8

76 34.6 28.6 43.0





#15

Acrylonitrile

Concen: 95.389 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

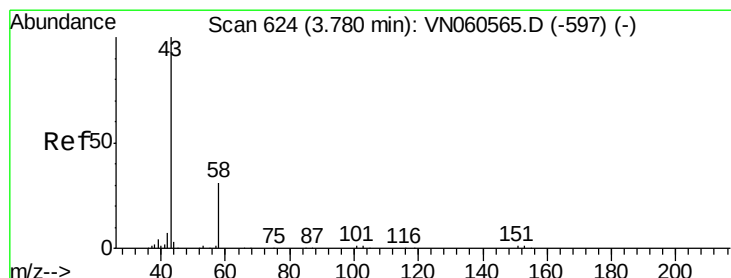
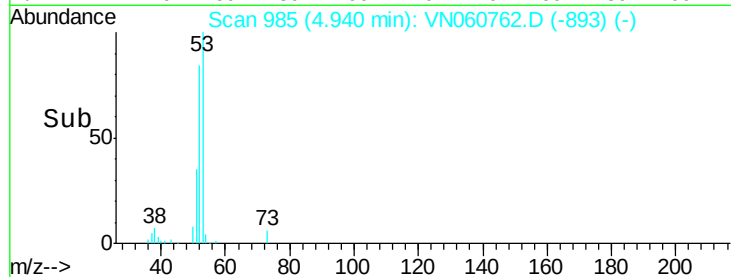
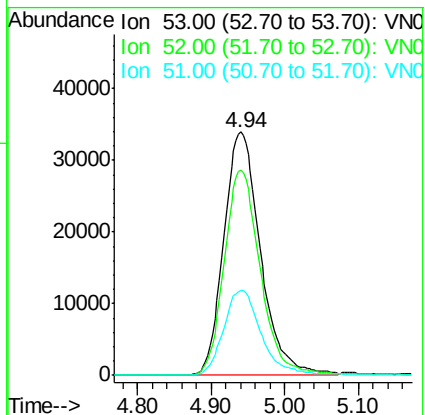
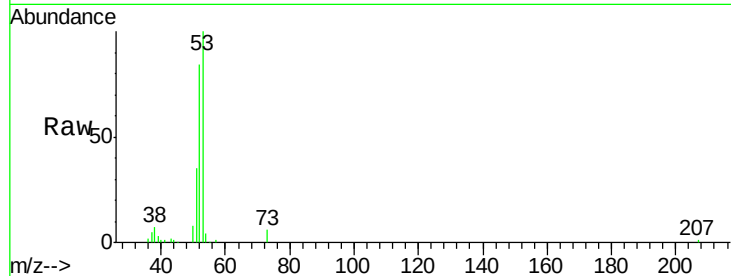
Tot Ion: 53 Resp: 117811

Ion Ratio Lower Upper

53 100

52 83.0 66.2 99.4

51 35.9 28.7 43.1



#16

Acetone

Concen: 113.983 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060762.D

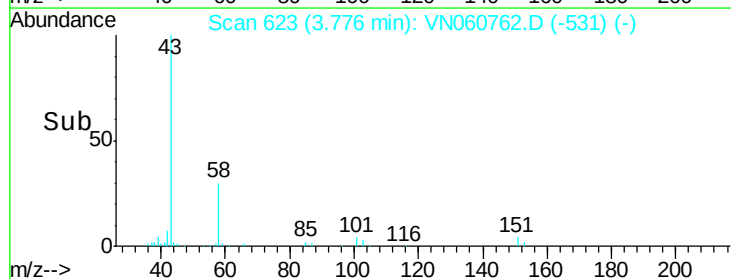
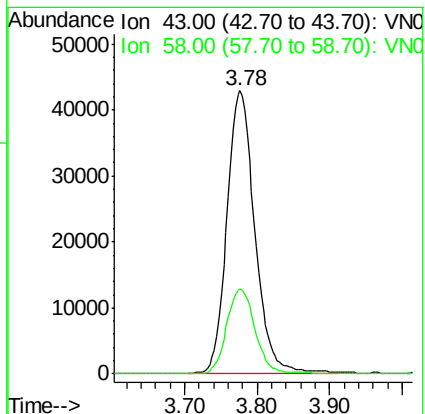
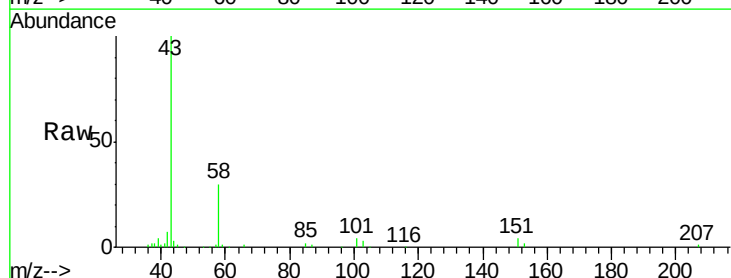
Acq: 30 Mar 2020 11:52

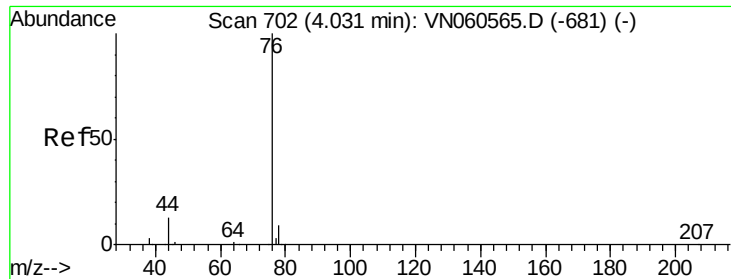
Tgt Ion: 43 Resp: 115305

Ion Ratio Lower Upper

43 100

58 30.1 25.1 37.7

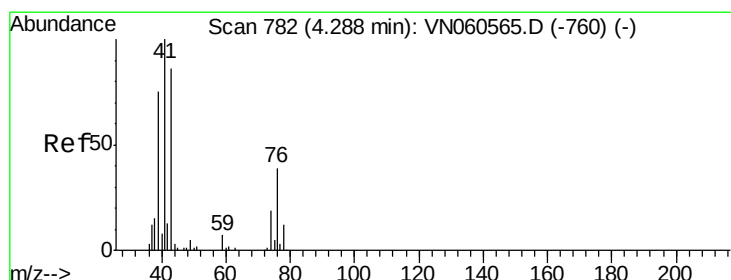
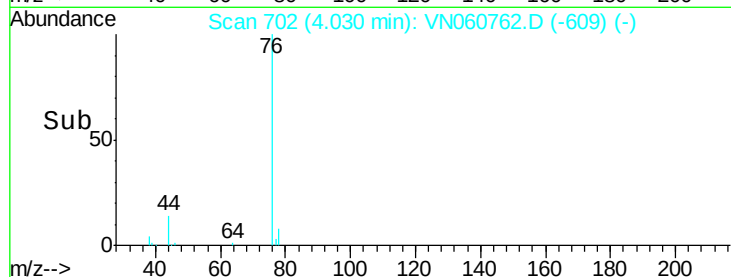
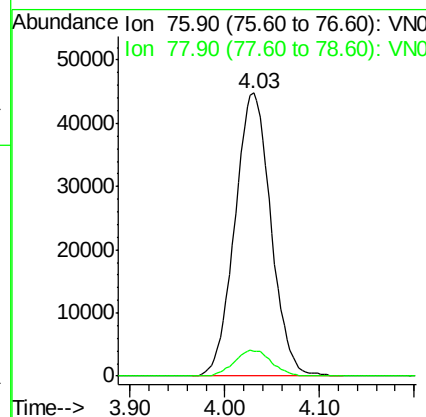
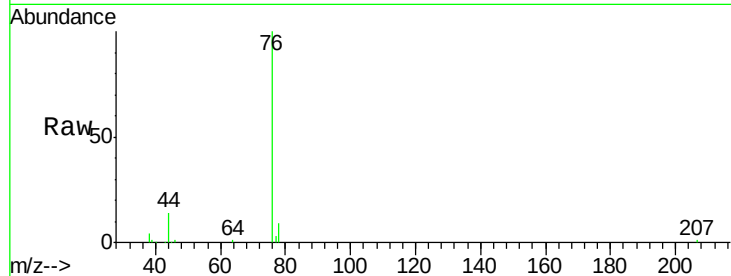




#17  
Carbon Disulfide  
Concen: 17.315 ug/l  
RT: 4.03 min Scan# 702  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

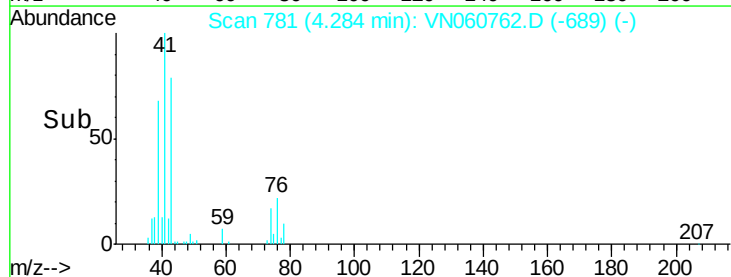
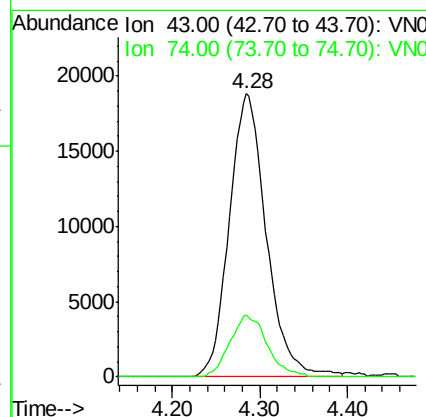
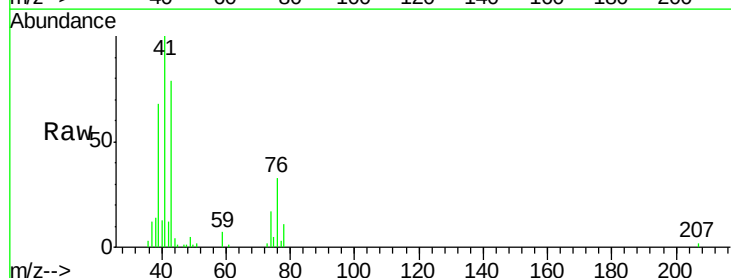
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

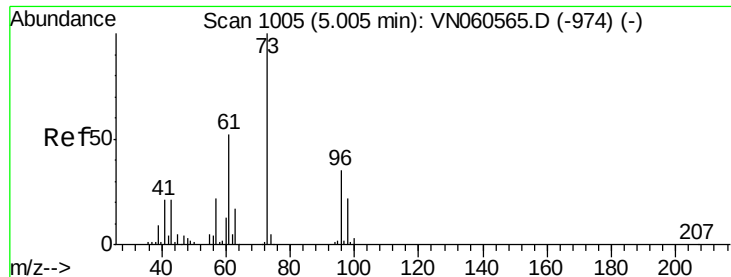
Tot Ion: 76 Resp: 118610  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.2 10.8



#18  
Methyl Acetate  
Concen: 19.394 ug/l  
RT: 4.28 min Scan# 781  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

Tgt Ion: 43 Resp: 55221  
Ion Ratio Lower Upper  
43 100  
74 22.0 17.5 26.3

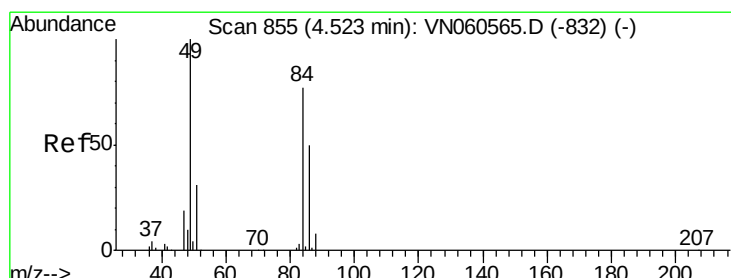
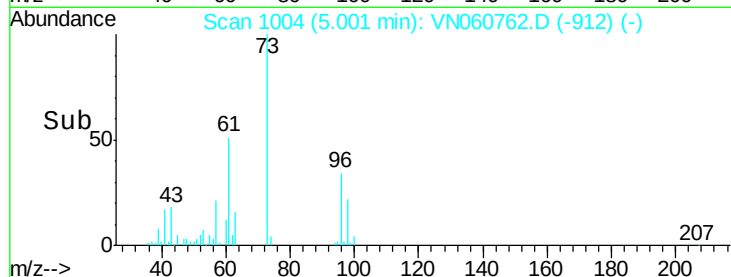
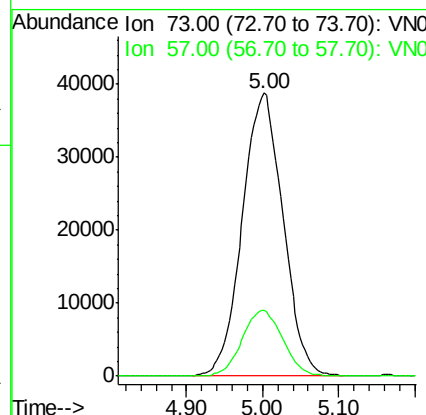
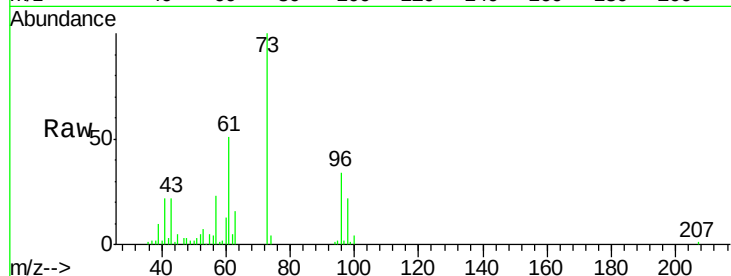




#19  
Methyl tert-butyl Ether  
Concen: 18.642 ug/l  
RT: 5.00 min Scan# 1004  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

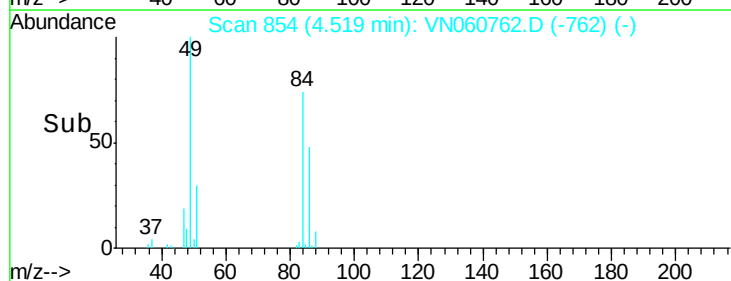
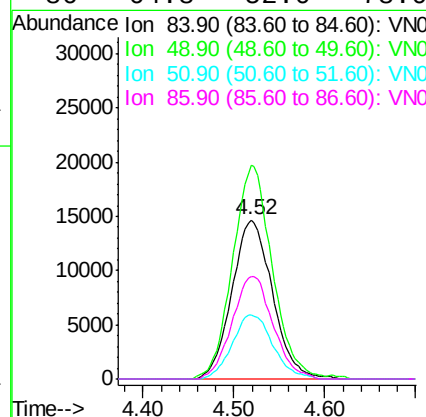
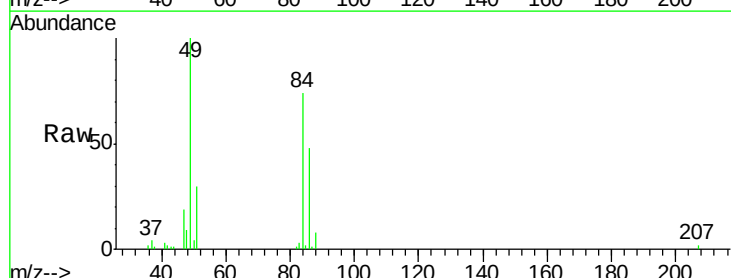
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

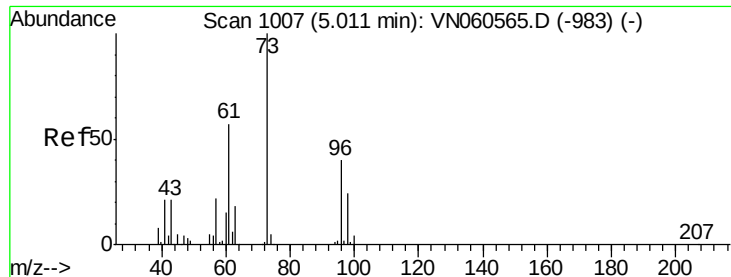
Tot Ion: 73 Resp: 144362  
Ion Ratio Lower Upper  
73 100  
57 23.2 17.5 26.3



#20  
Methylene Chloride  
Concen: 18.253 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

Tgt Ion: 84 Resp: 45423  
Ion Ratio Lower Upper  
84 100  
49 134.5 103.3 154.9  
51 40.0 31.6 47.4  
86 64.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 18.441 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampled :

VN0330WBS01

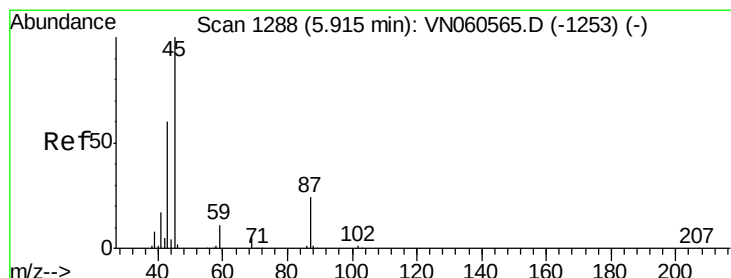
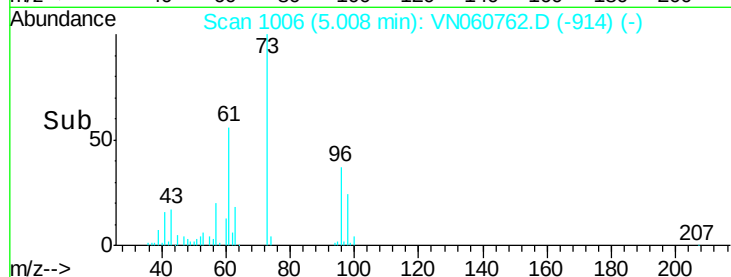
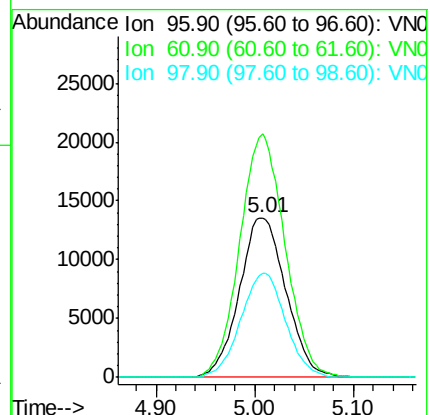
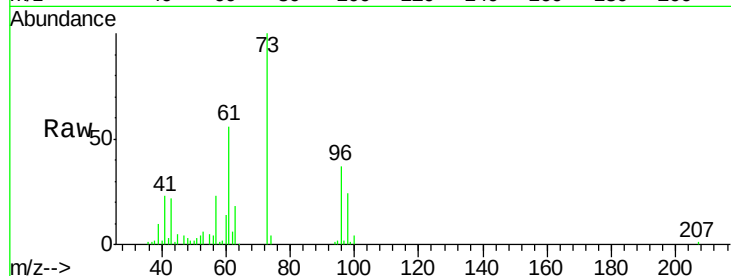
Tot Ion: 96 Resp: 44267

Ion Ratio Lower Upper

96 100

61 152.8 114.4 171.6

98 64.9 48.4 72.6



#22

Diisopropyl ether

Concen: 19.454 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Tgt Ion: 45 Resp: 162815

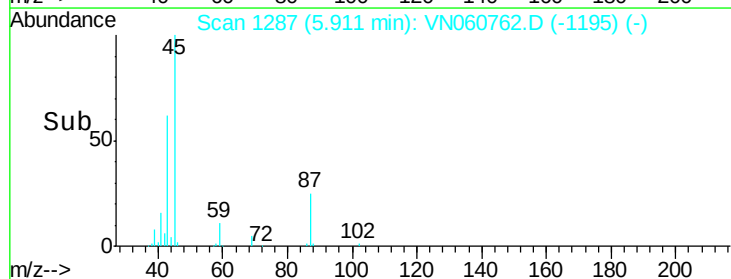
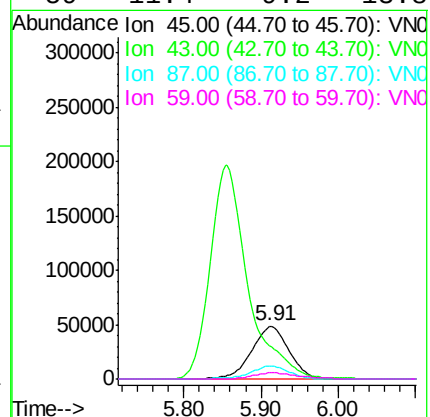
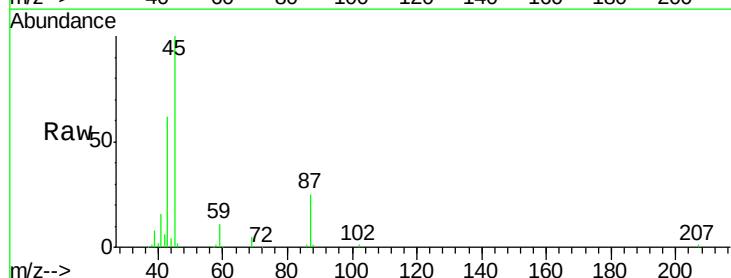
Ion Ratio Lower Upper

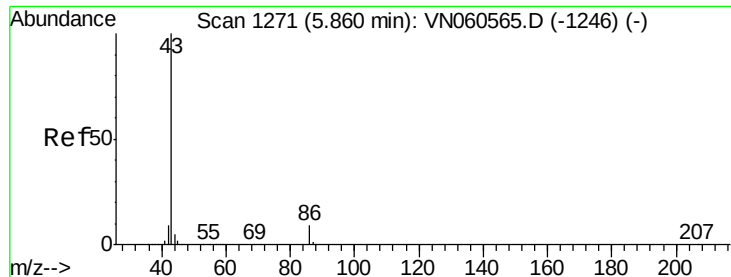
45 100

43 60.9 49.8 74.8

87 24.7 20.1 30.1

59 11.4 9.2 13.8





#23

Vinyl Acetate

Concen: 98.083 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampled :

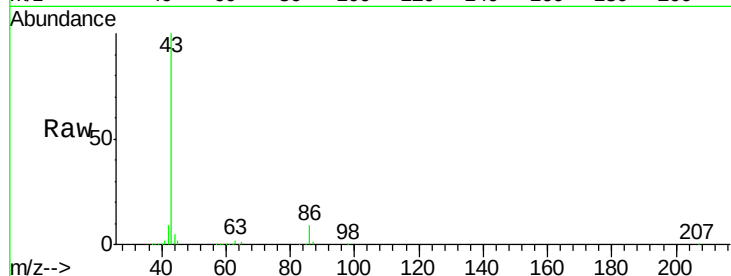
VN0330WBS01

Tot Ion: 43 Resp: 669770

Ion Ratio Lower Upper

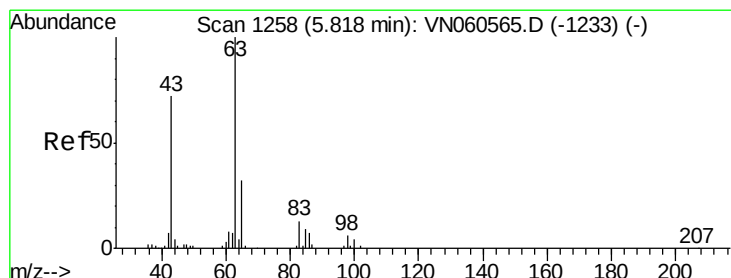
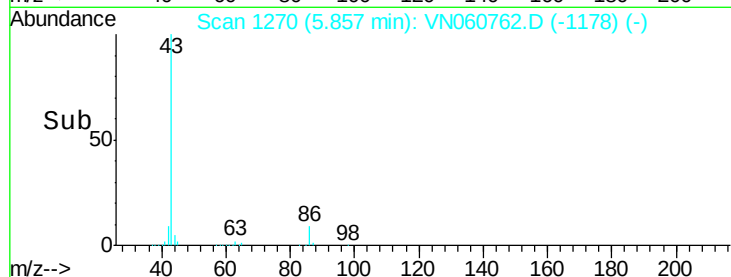
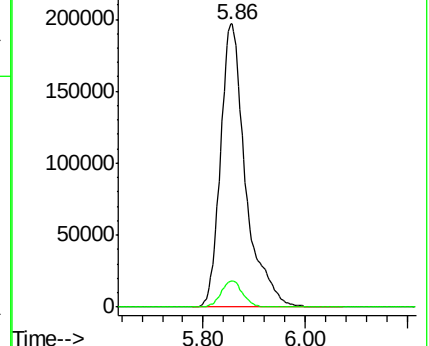
43 100

86 9.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.210 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

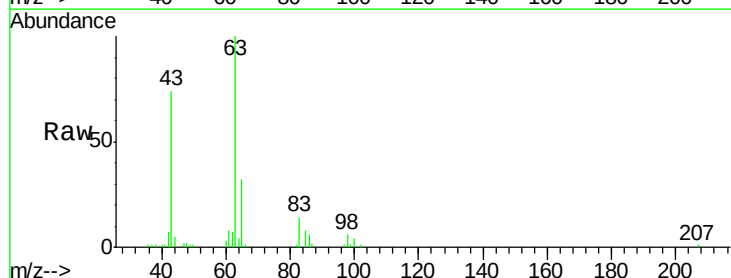
Tgt Ion: 63 Resp: 87644

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.7

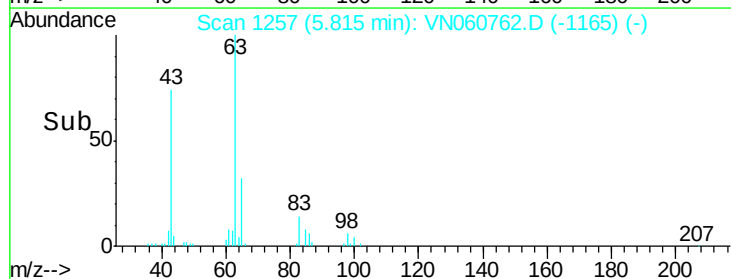
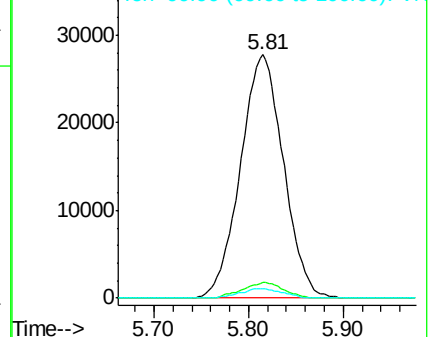
100 3.8 1.8 5.5



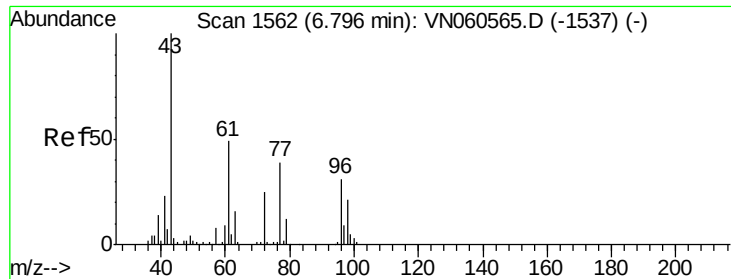
Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



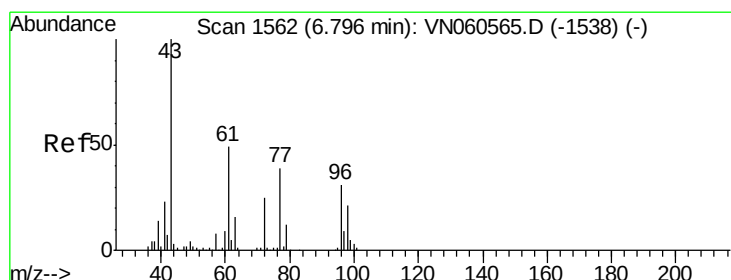
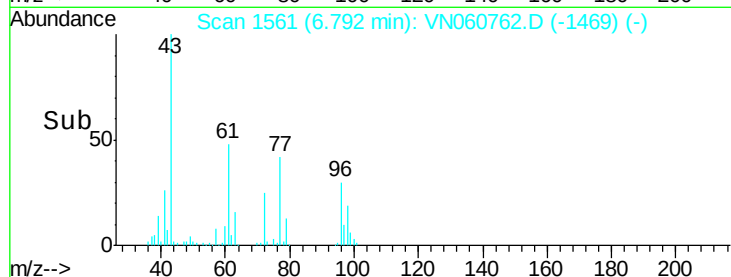
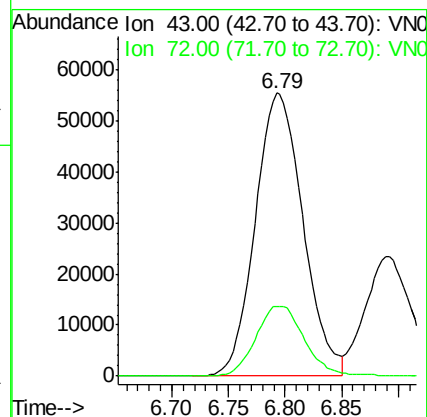
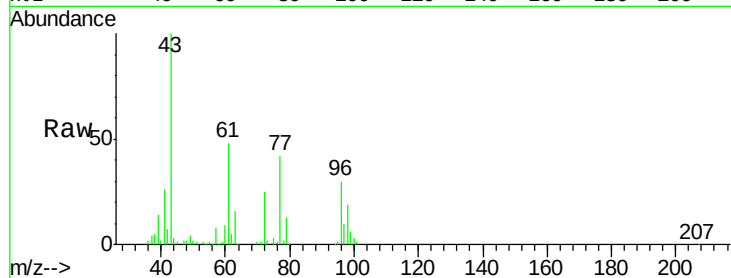




#25  
2-Butanone  
Concen: 99.148 ug/l  
RT: 6.79 min Scan# 1561  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

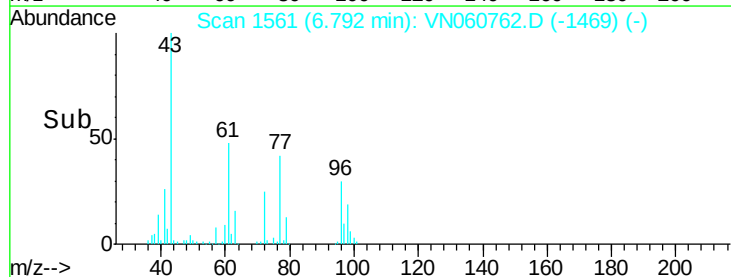
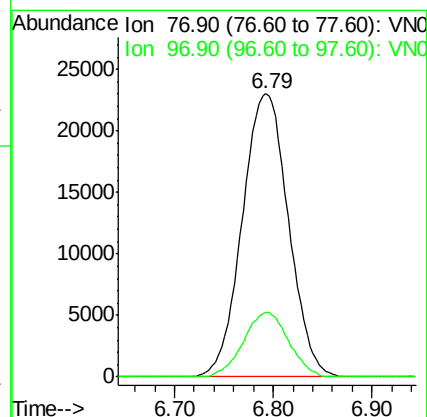
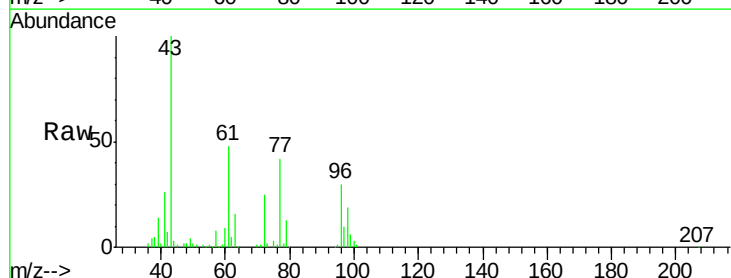
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

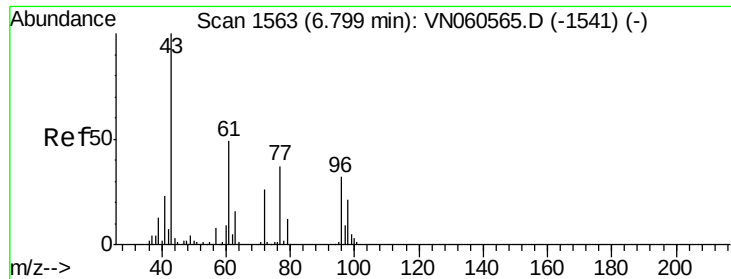
Tot Ion: 43 Resp: 162298  
Ion Ratio Lower Upper  
43 100  
72 24.8 20.4 30.6



#26  
2,2-Dichloropropane  
Concen: 20.782 ug/l  
RT: 6.79 min Scan# 1561  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

Tgt Ion: 77 Resp: 74602  
Ion Ratio Lower Upper  
77 100  
97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.200 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

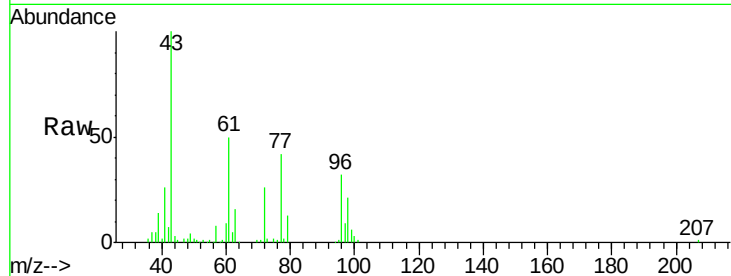
Tot Ion: 96 Resp: 49647

Ion Ratio Lower Upper

96 100

61 161.2 0.0 305.6

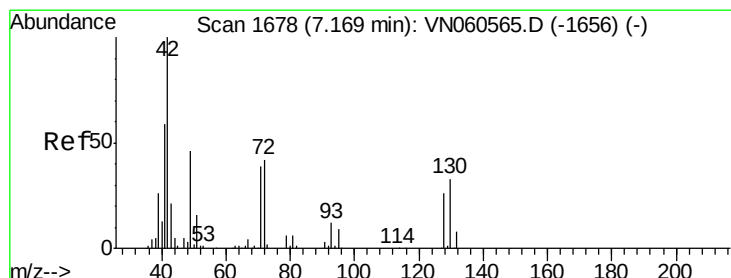
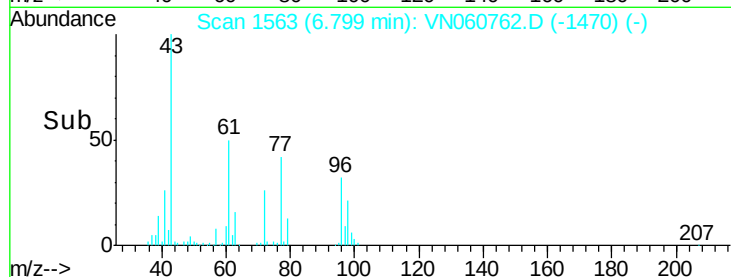
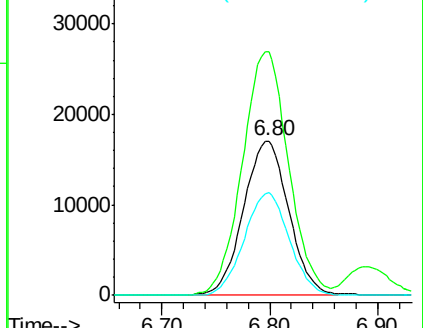
98 66.0 0.0 127.6



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: 19.220 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

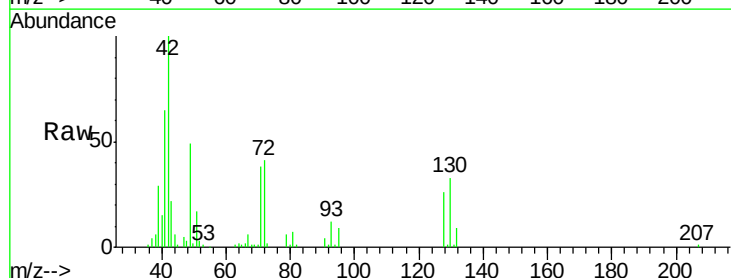
Tgt Ion: 49 Resp: 41955

Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.4

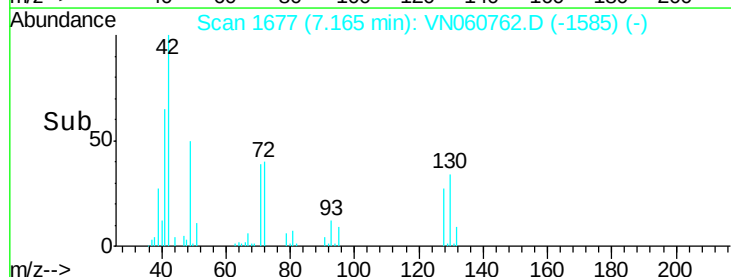
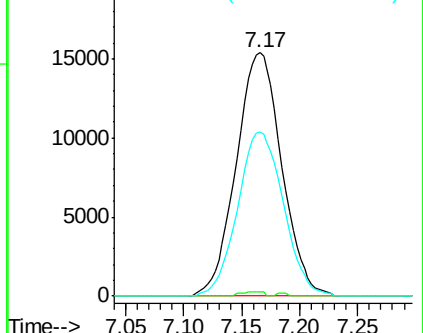
130 67.7 55.0 82.4

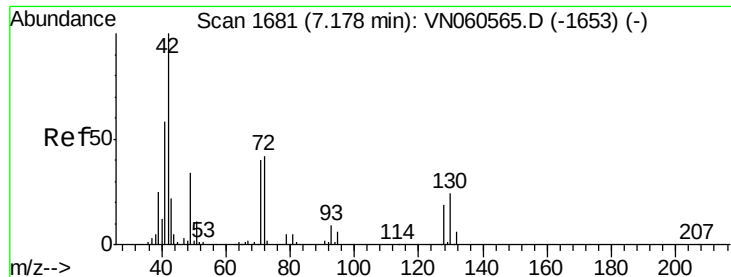


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 93.071 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

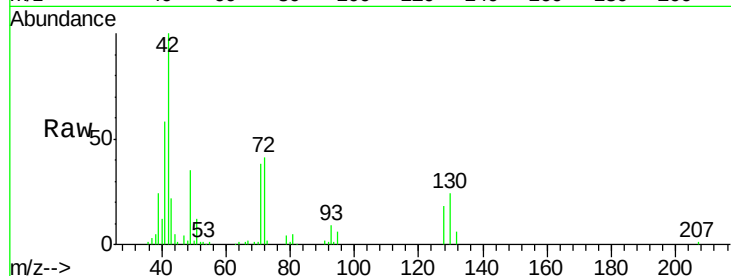
Tot Ion: 42 Resp: 107794

Ion Ratio Lower Upper

42 100

72 40.3 33.2 49.8

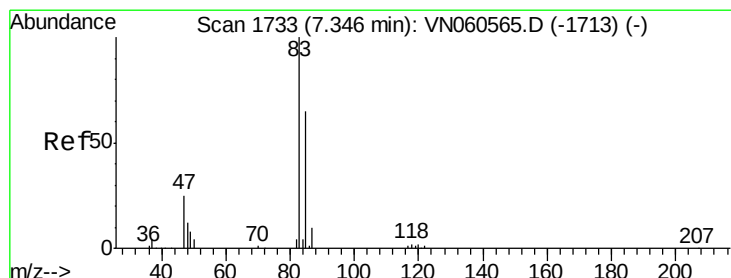
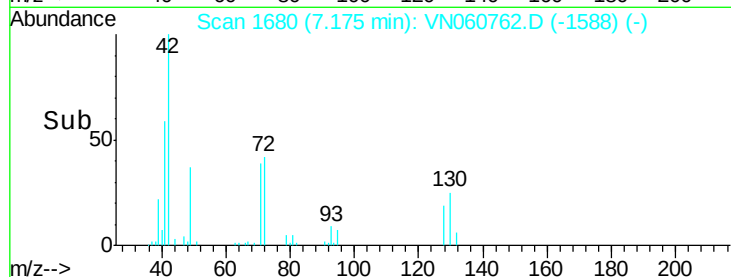
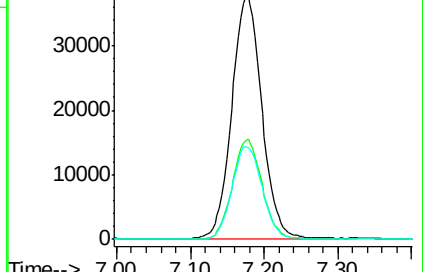
71 38.0 31.1 46.7



Abundance Ion 42.00 (41.70 to 42.70): VN060762.D (-1653) (-)

Ion 72.00 (71.70 to 72.70): VN060762.D (-1653) (-)

Ion 71.00 (70.70 to 71.70): VN060762.D (-1653) (-)



#30

Chloroform

Concen: 18.831 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN060762.D

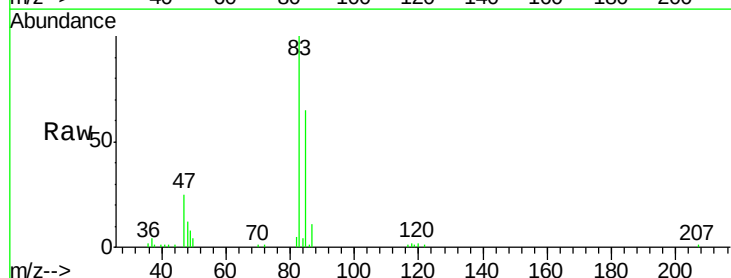
Acq: 30 Mar 2020 11:52

Tgt Ion: 83 Resp: 82363

Ion Ratio Lower Upper

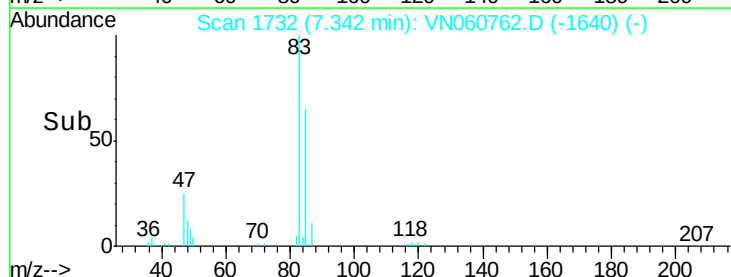
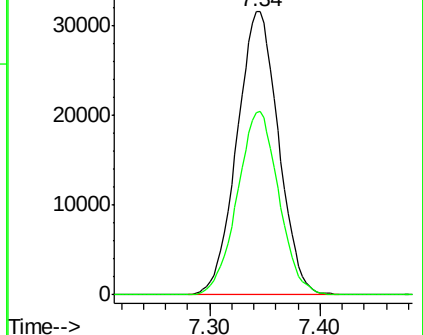
83 100

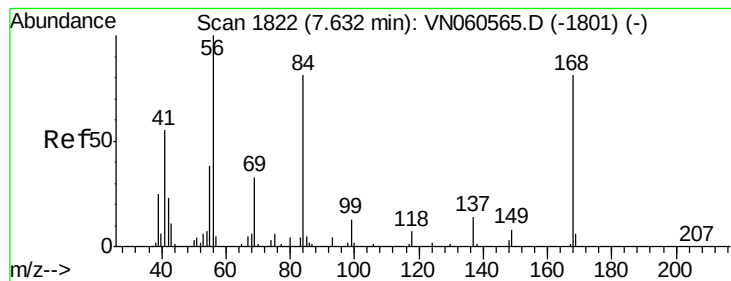
85 64.5 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN060762.D (-1640) (-)

Ion 84.90 (84.60 to 85.60): VN060762.D (-1640) (-)





#31

Cyclohexane

Concen: 18.191 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampled :

VN0330WBS01

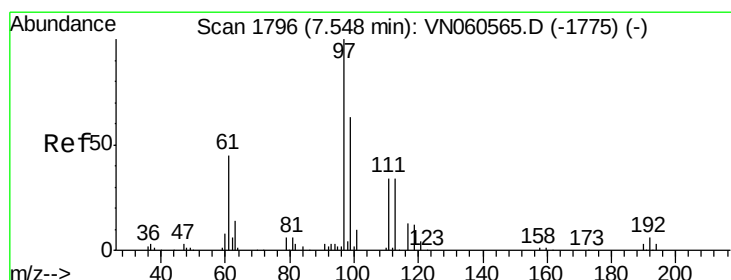
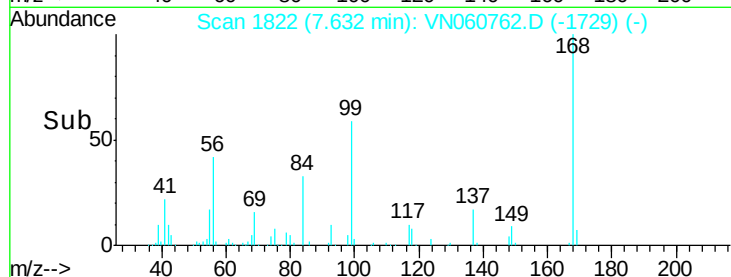
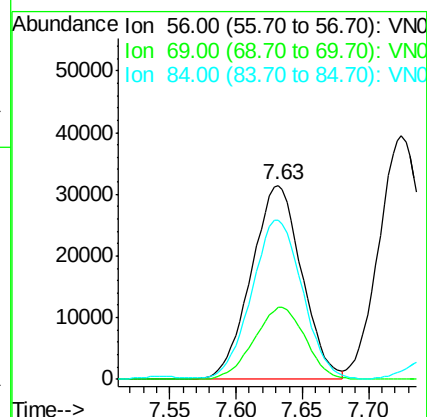
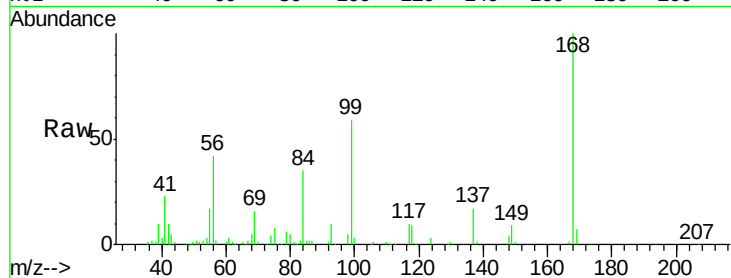
Tot Ion: 56 Resp: 83673

Ion Ratio Lower Upper

56 100

69 37.0 26.6 40.0

84 81.0 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 18.644 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

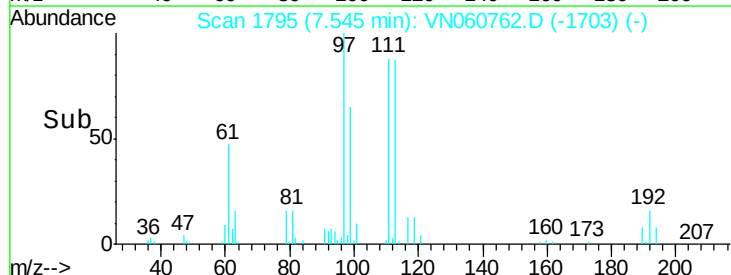
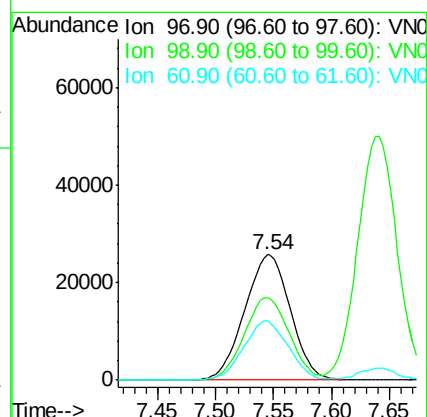
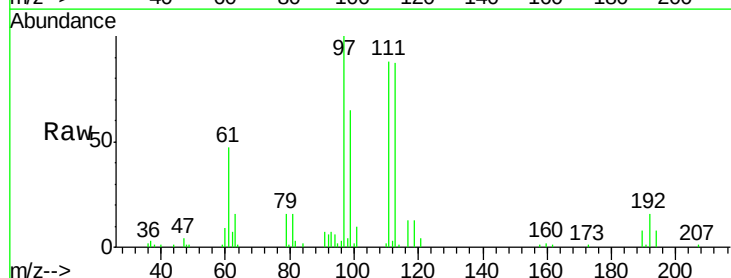
Tgt Ion: 97 Resp: 70299

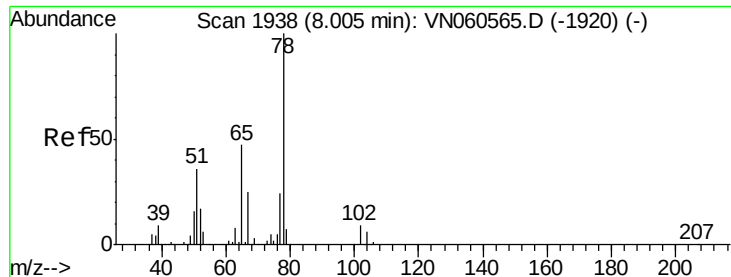
Ion Ratio Lower Upper

97 100

99 65.0 50.6 75.8

61 46.0 36.2 54.4

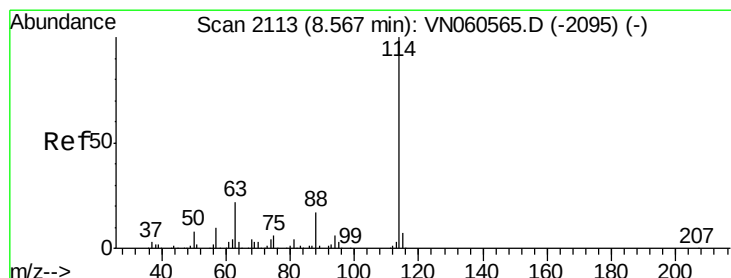
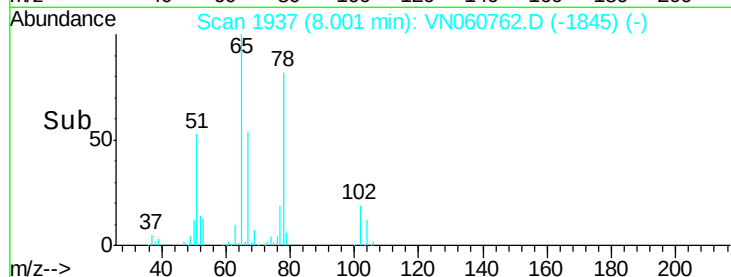
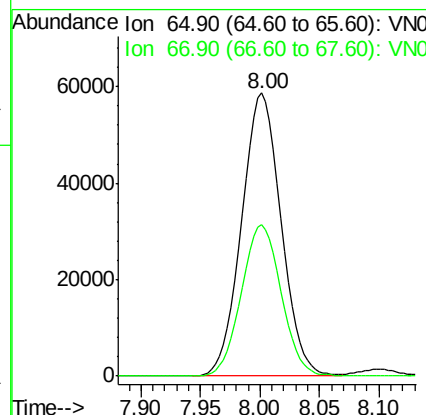
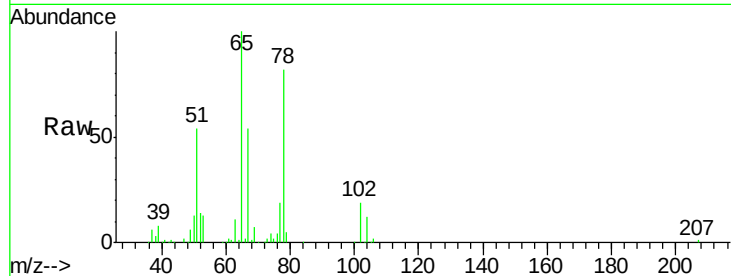




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.319 ug/l  
 RT: 8.00 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VN060762.D  
 Acq: 30 Mar 2020 11:52

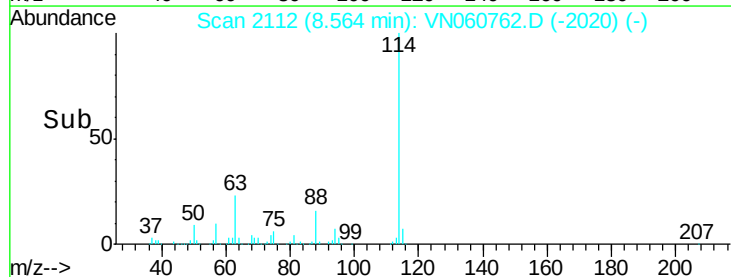
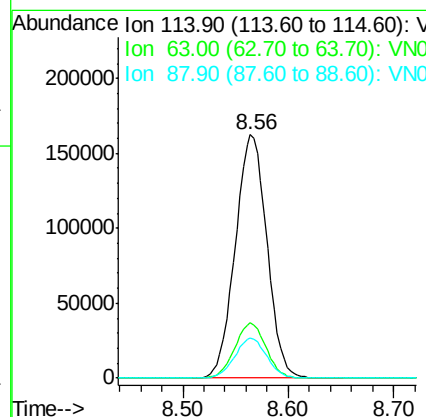
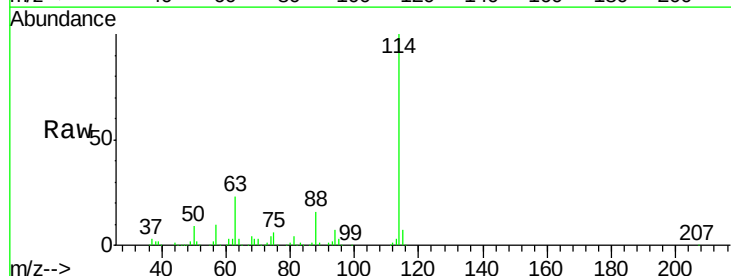
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0330WBS01

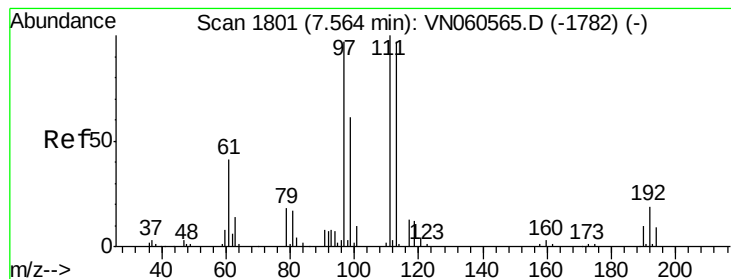
Tot Ion: 65 Resp: 135135  
 Ion Ratio Lower Upper  
 65 100  
 67 53.9 0.0 107.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.56 min Scan# 2112  
 Delta R.T. -0.00 min  
 Lab File: VN060762.D  
 Acq: 30 Mar 2020 11:52

Tgt Ion: 114 Resp: 337521  
 Ion Ratio Lower Upper  
 114 100  
 63 22.6 0.0 43.8  
 88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.082 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampled :

VN0330WBS01

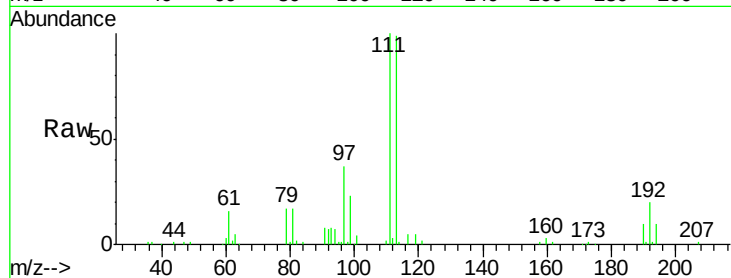
Tot Ion:113 Resp: 102212

Ion Ratio Lower Upper

113 100

111 101.2 82.9 124.3

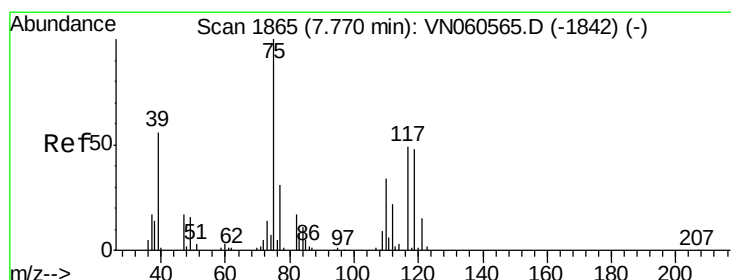
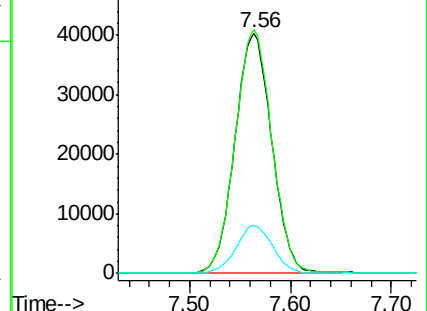
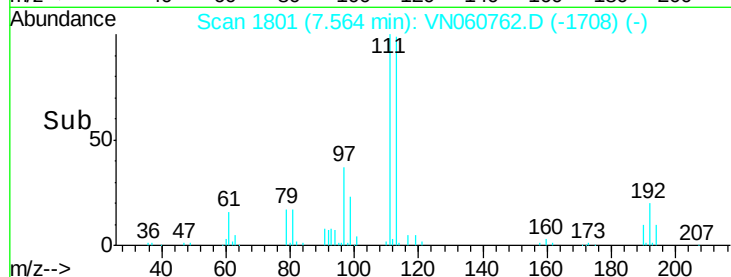
192 19.9 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.594 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

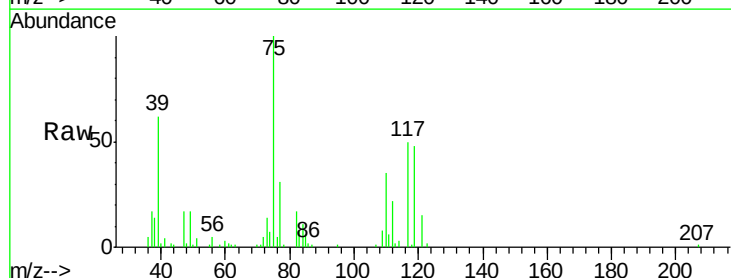
Tgt Ion: 75 Resp: 64038

Ion Ratio Lower Upper

75 100

110 33.8 16.9 50.6

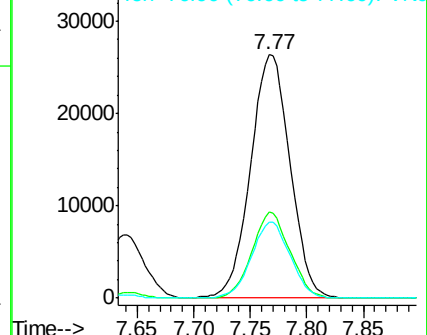
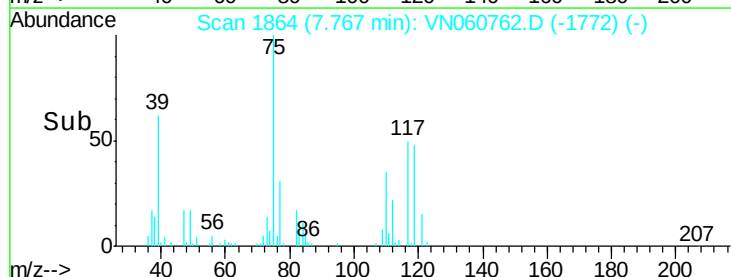
77 30.5 24.6 36.8

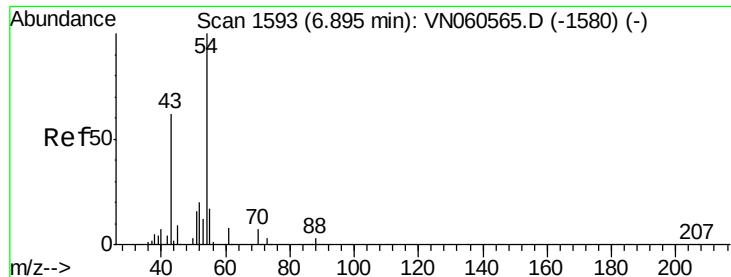


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

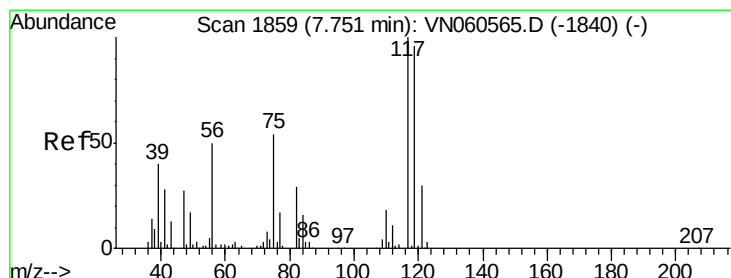
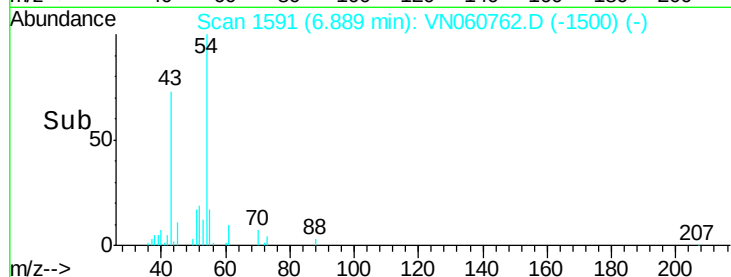
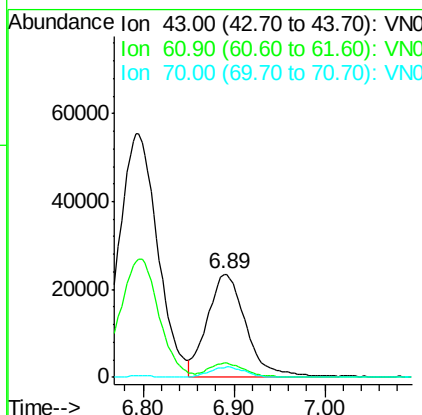
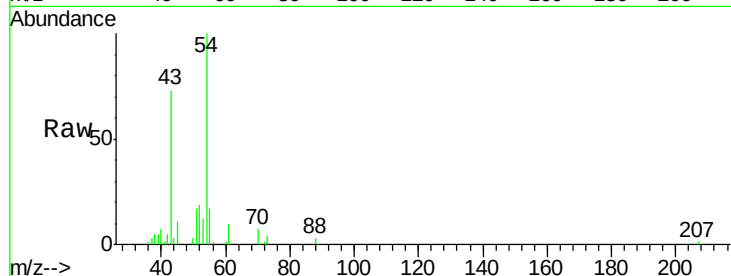




#37  
Ethyl Acetate  
Concen: 19.321 ug/l  
RT: 6.89 min Scan# 1591  
Delta R.T. -0.01 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

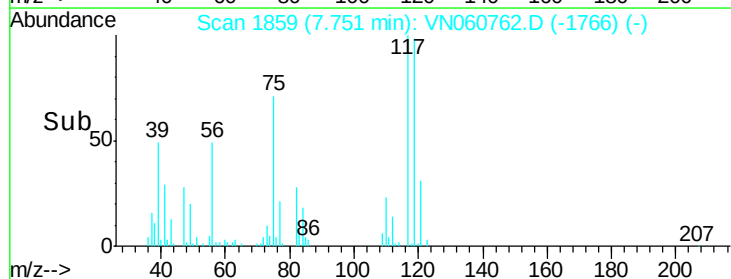
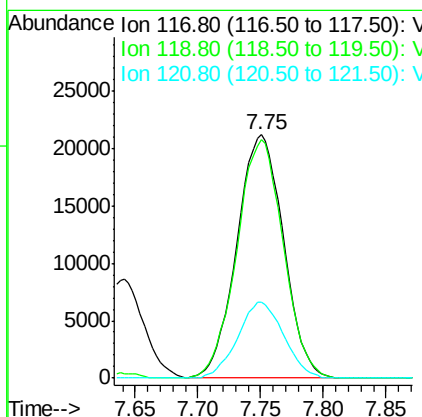
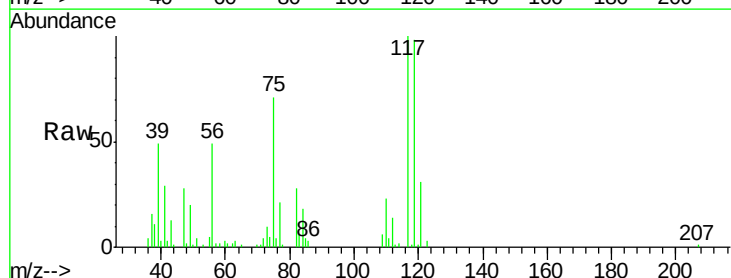
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0330WBS01

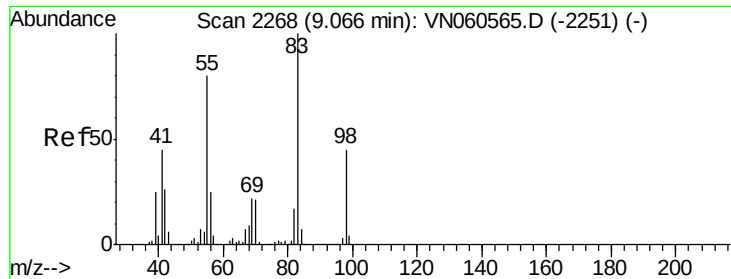
Tot Ion: 43 Resp: 68231  
Ion Ratio Lower Upper  
43 100  
61 13.4 10.6 15.8  
70 9.2 7.9 11.9



#38  
Carbon Tetrachloride  
Concen: 18.697 ug/l  
RT: 7.75 min Scan# 1859  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

Tgt Ion: 117 Resp: 54767  
Ion Ratio Lower Upper  
117 100  
119 98.0 76.2 114.2  
121 31.2 23.7 35.5

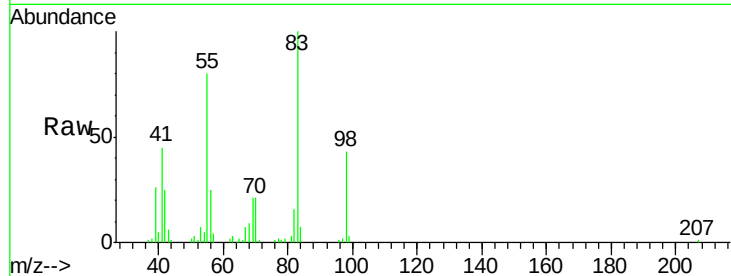




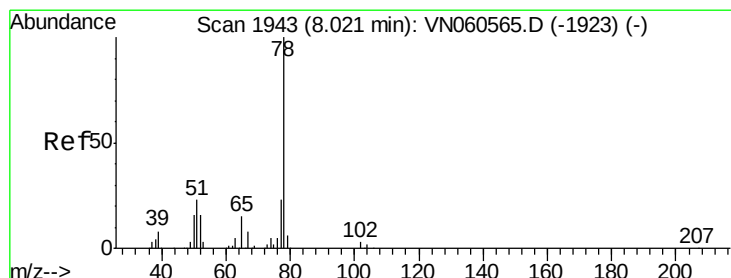
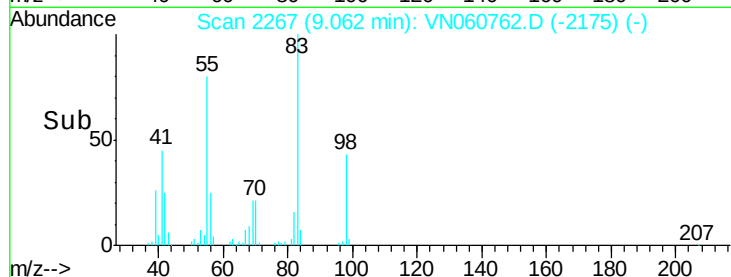
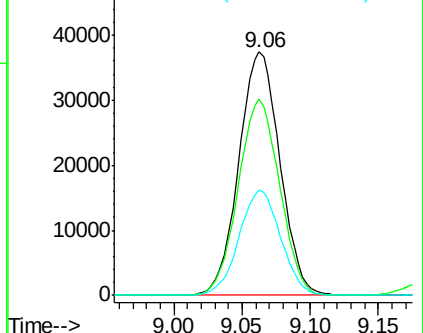
#39  
Methylvlcyclohexane  
Concen: 20.137 ug/l  
RT: 9.06 min Scan# 2267  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

Tot Ion: 83 Resp: 78210  
Ion Ratio Lower Upper  
83 100  
55 80.4 63.6 95.4  
98 43.4 36.0 54.0

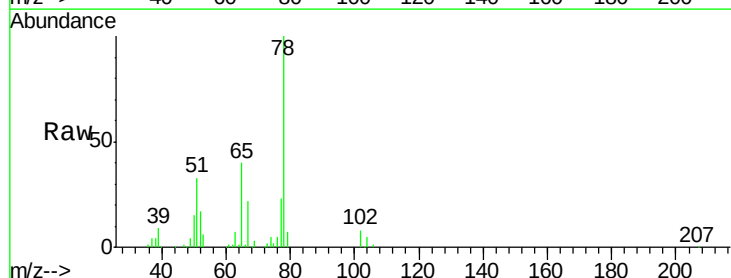


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

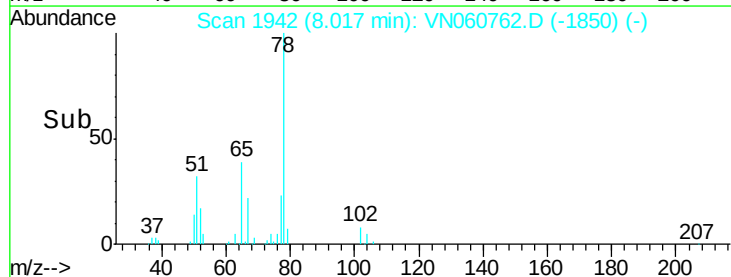
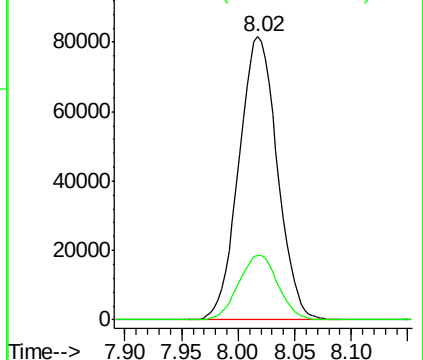


#40  
Benzene  
Concen: 19.576 ug/l  
RT: 8.02 min Scan# 1942  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

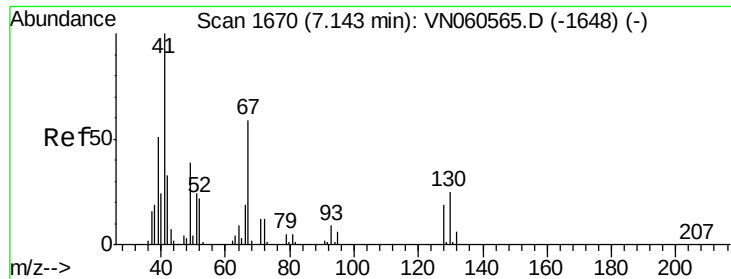
Tgt Ion: 78 Resp: 193142  
Ion Ratio Lower Upper  
78 100  
77 23.0 18.6 28.0



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



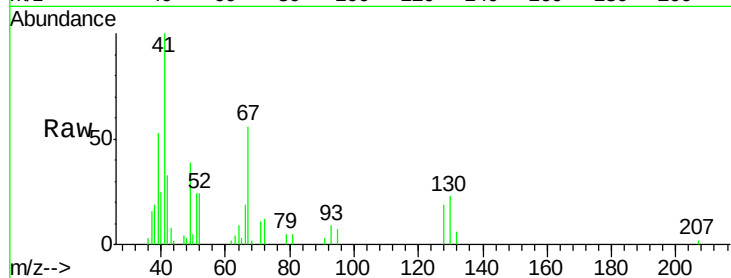




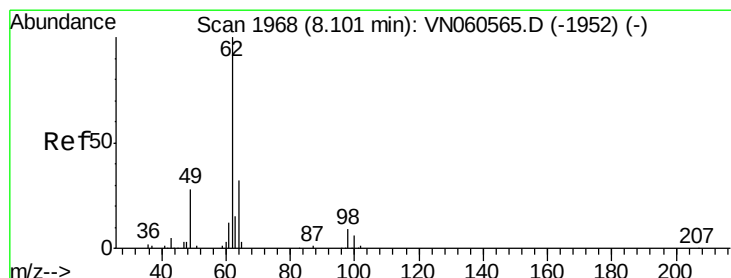
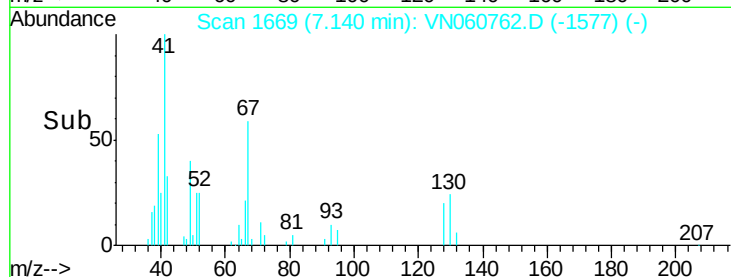
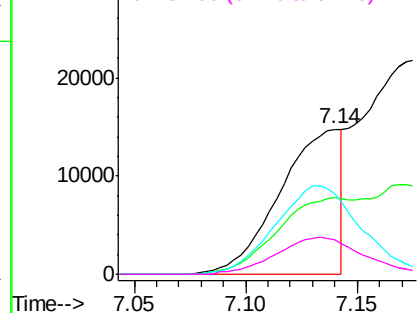
#41  
Methacrylonitrile  
Concen: 19.008 ug/l m  
RT: 7.14 min Scan# 1669  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0330WBS01

| Tot Ion: | 41    | Resp: | 28647 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 0.0   | 0.0   |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |

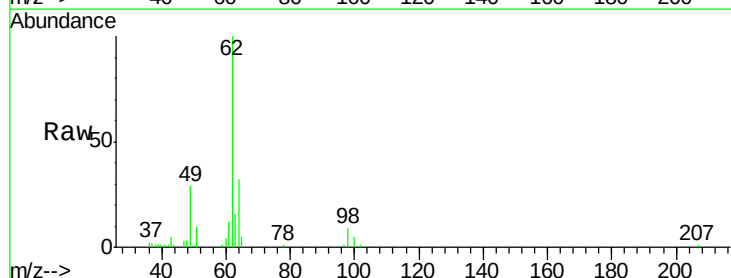


Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0  
Ion 67.00 (66.70 to 67.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0

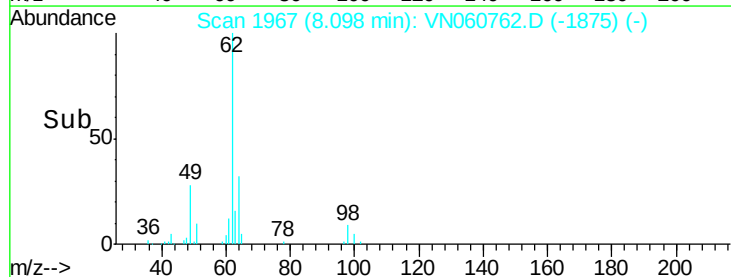
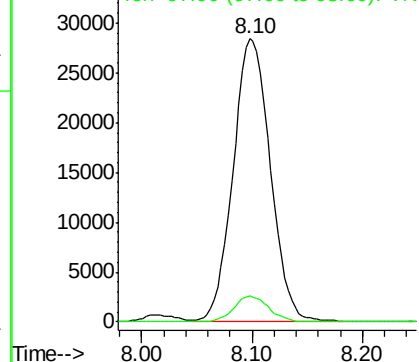


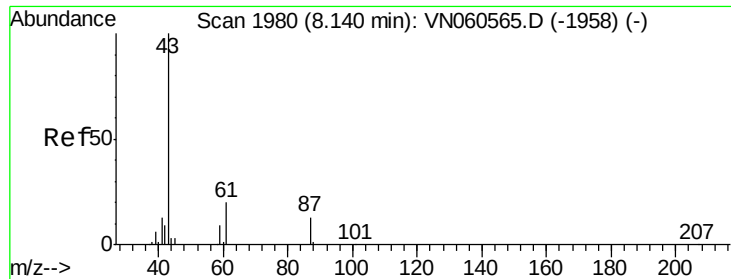
#42  
1,2-Dichloroethane  
Concen: 19.747 ug/l  
RT: 8.10 min Scan# 1967  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

| Tgt Ion: | 62    | Resp: | 66583 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.5   | 0.0   | 17.8  |



Abundance Ion 61.90 (61.60 to 62.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.385 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampled :

VN0330WBS01

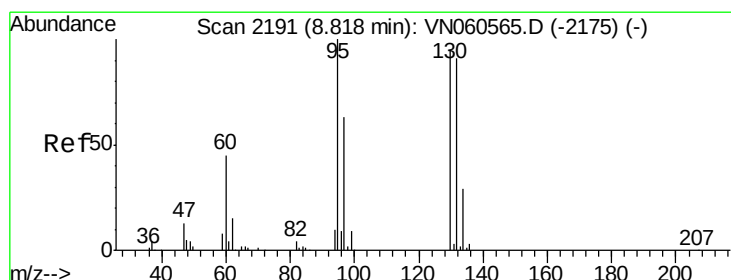
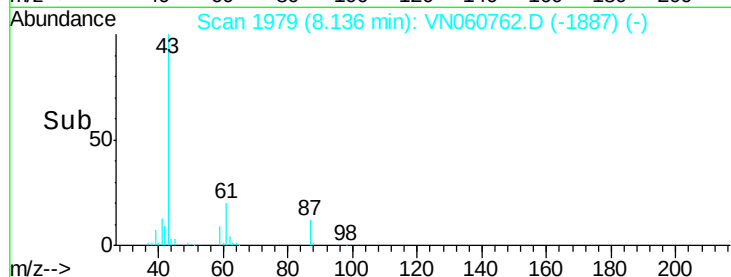
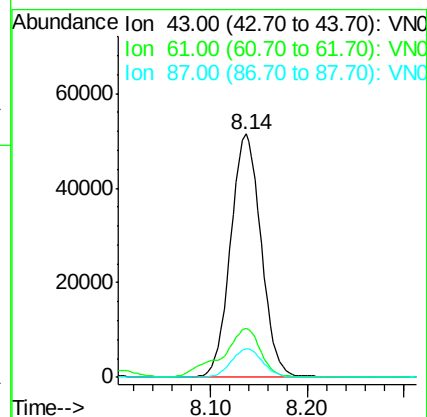
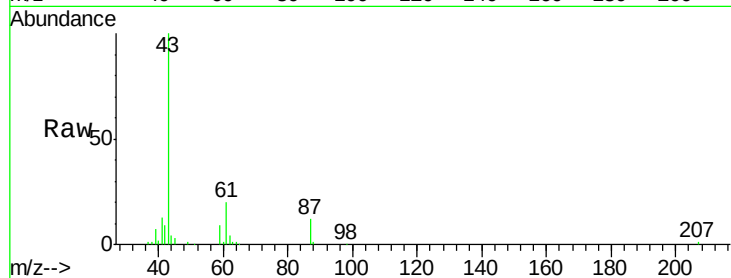
Tot Ion: 43 Resp: 112900

Ion Ratio Lower Upper

43 100

61 25.5 20.7 31.1

87 11.9 9.8 14.8



#44

Trichloroethene

Concen: 19.601 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060762.D

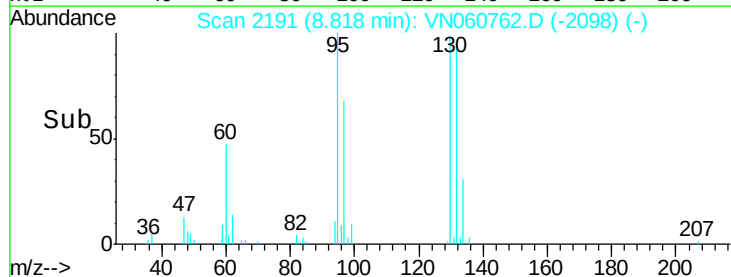
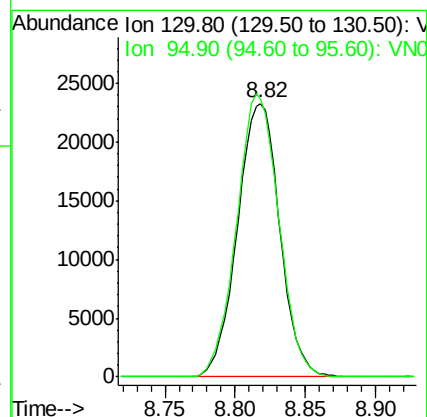
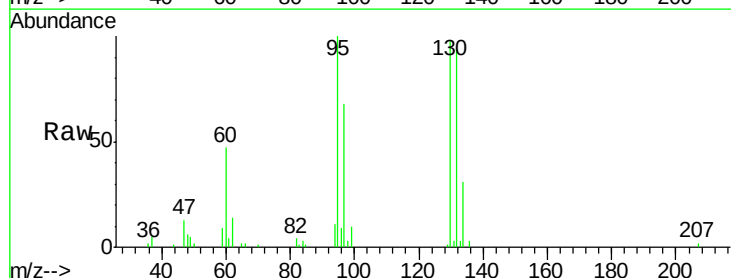
Acq: 30 Mar 2020 11:52

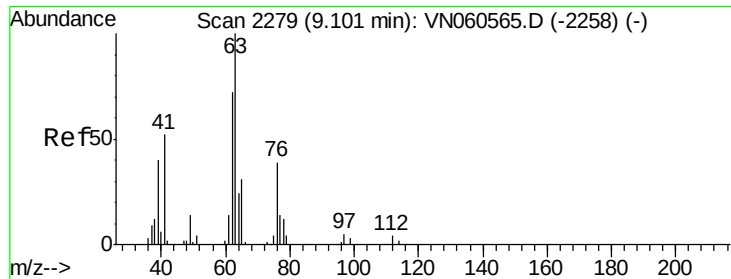
Tgt Ion:130 Resp: 48750

Ion Ratio Lower Upper

130 100

95 101.5 0.0 211.2





#45

1,2-Dichloropropane

Concen: 20.123 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampled :

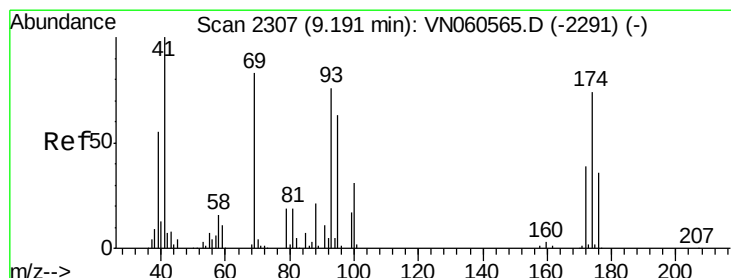
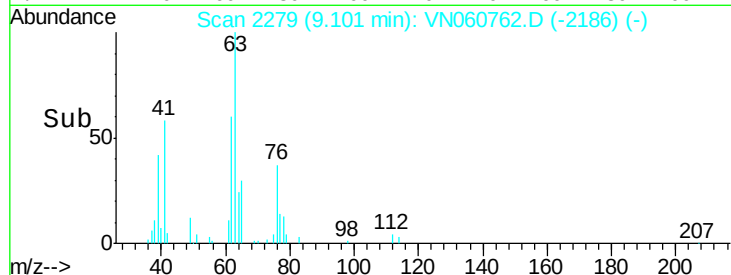
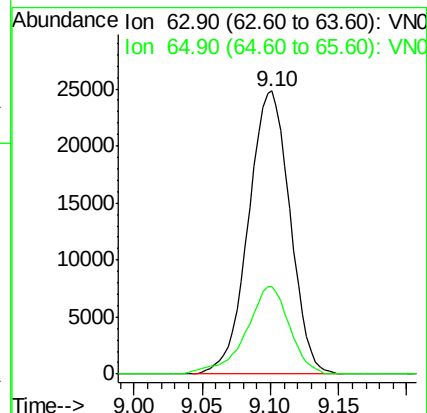
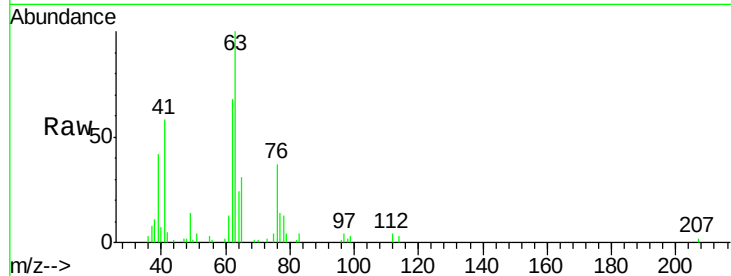
VN0330WBS01

Tot Ion: 63 Resp: 52388

Ion Ratio Lower Upper

63 100

65 31.0 25.4 38.0



#46

Dibromomethane

Concen: 19.373 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

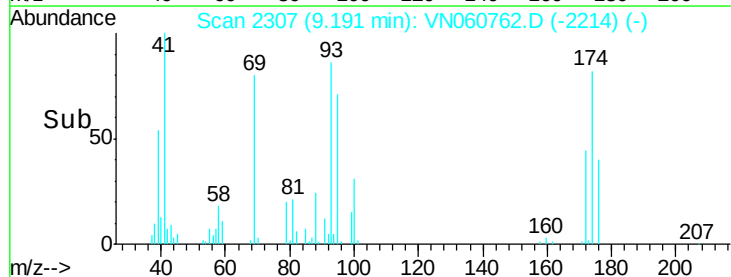
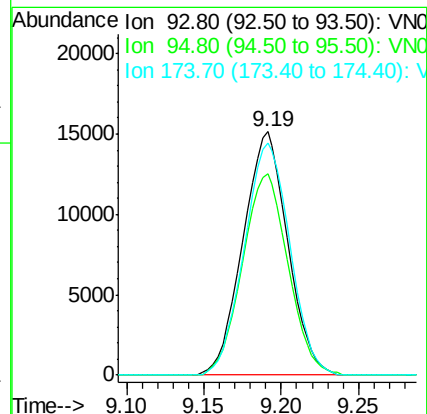
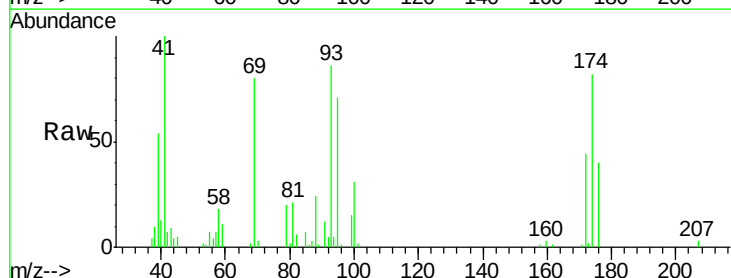
Tgt Ion: 93 Resp: 30491

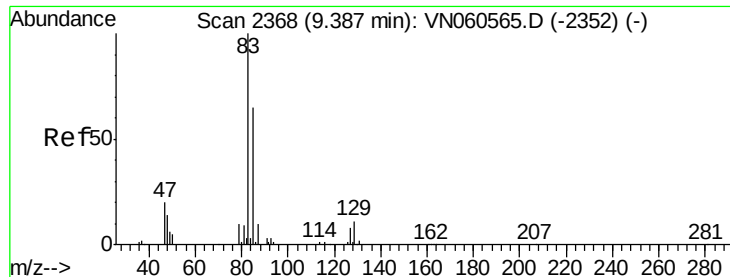
Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

174 97.3 77.9 116.9





#47

Bromodichloromethane

Concen: 19.449 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

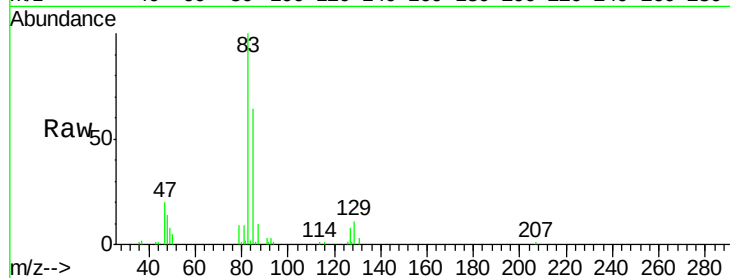
Tot Ion: 83 Resp: 63609

Ion Ratio Lower Upper

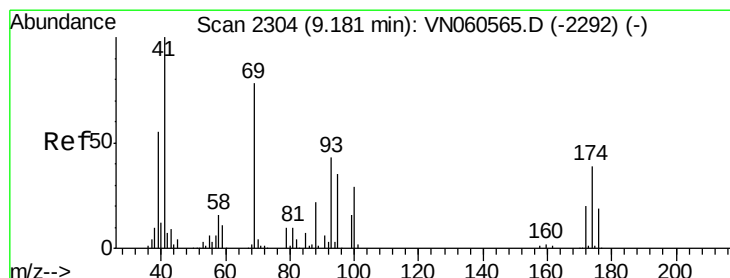
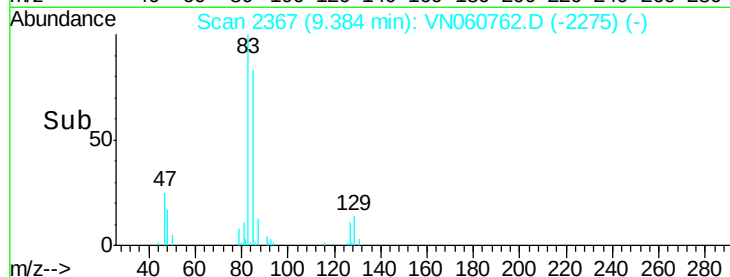
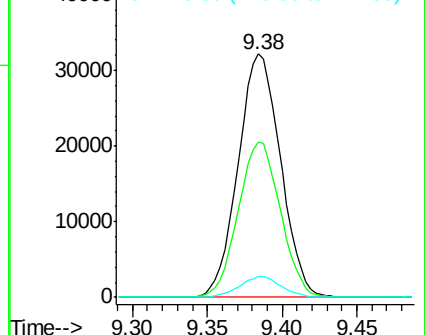
83 100

85 63.9 51.8 77.6

127 8.4 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): V



#48

Methyl methacrylate

Concen: 18.695 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

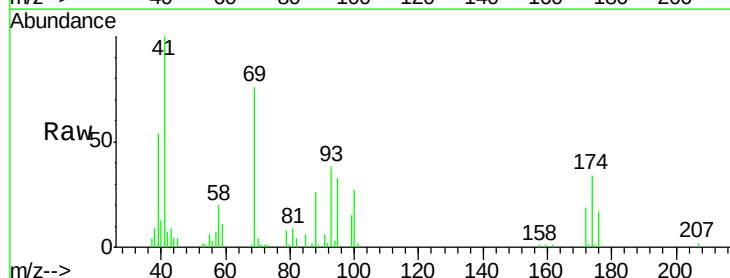
Tgt Ion: 41 Resp: 48476

Ion Ratio Lower Upper

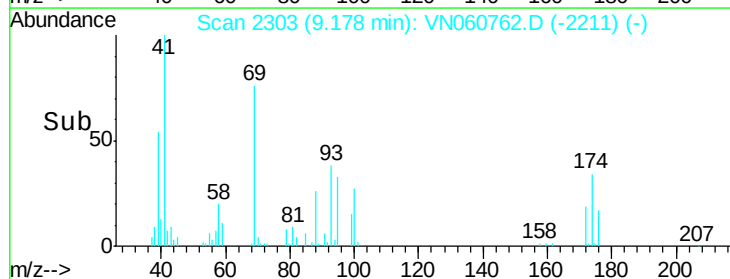
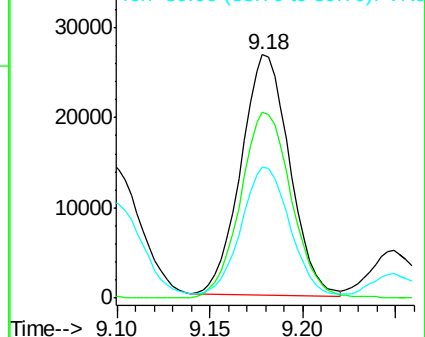
41 100

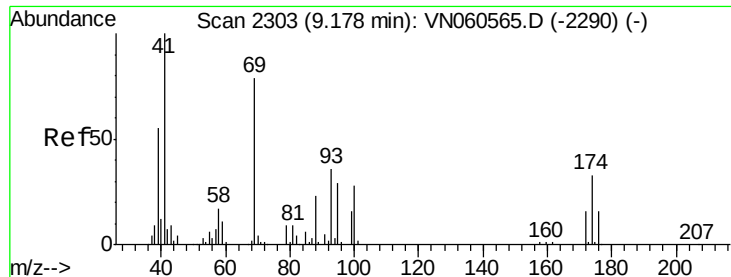
69 81.4 65.4 98.0

39 56.6 44.0 66.0



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

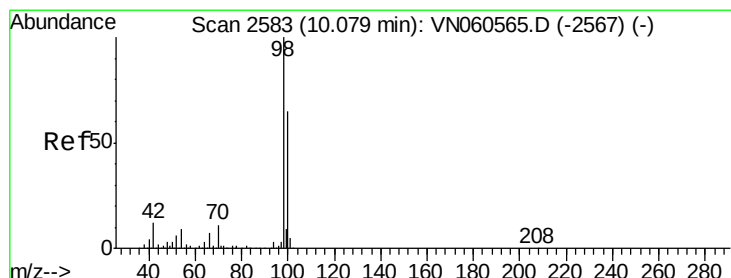
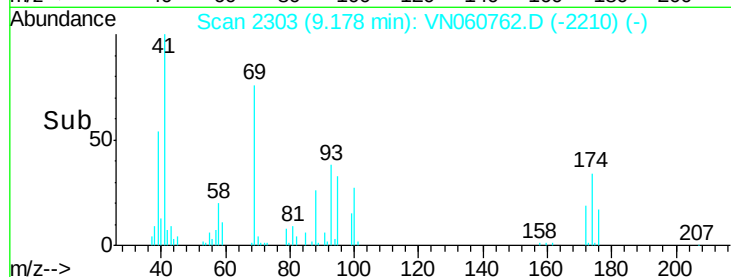
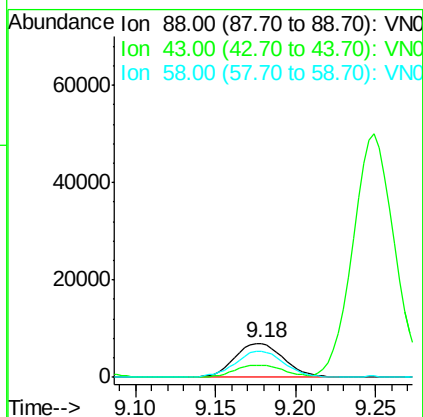
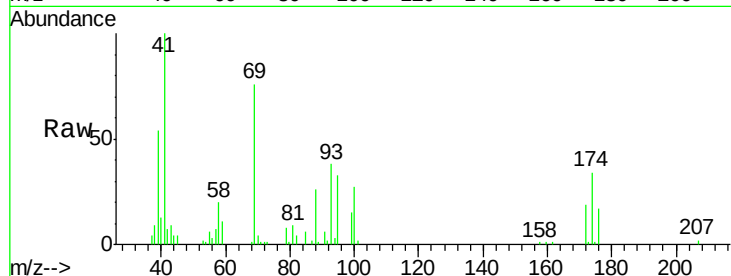




#49  
1,4-Dioxane  
Concen: 476.625 ug/l  
RT: 9.18 min Scan# 2303  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

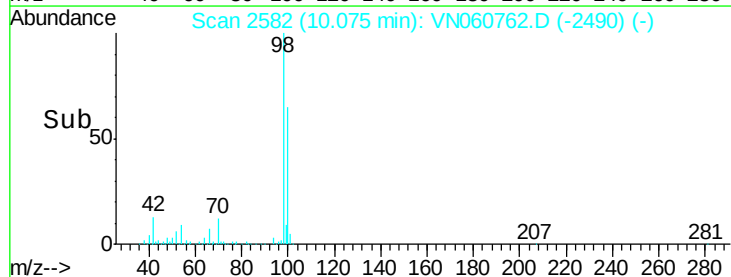
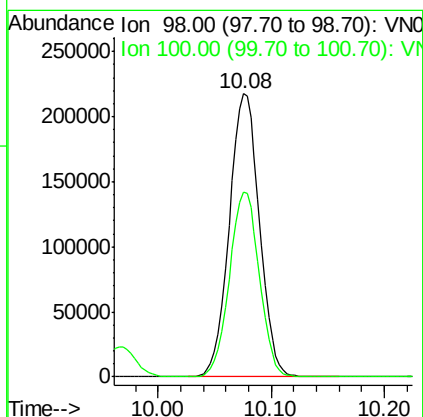
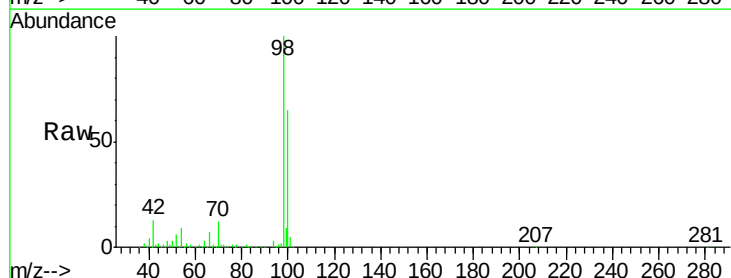
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

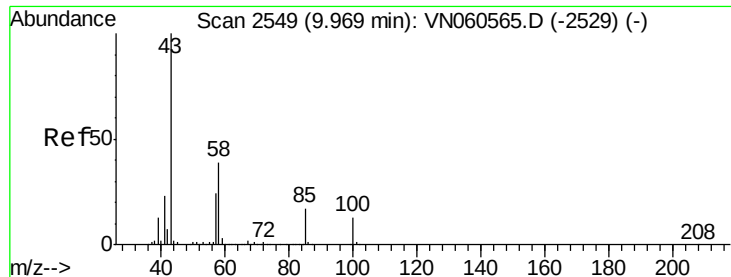
Tot Ion: 88 Resp: 14690  
Ion Ratio Lower Upper  
88 100  
43 36.2 30.8 46.2  
58 76.0 59.8 89.8



#50  
Toluene-d8  
Concen: 48.268 ug/l  
RT: 10.08 min Scan# 2582  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

Tgt Ion: 98 Resp: 402376  
Ion Ratio Lower Upper  
98 100  
100 64.8 51.8 77.8

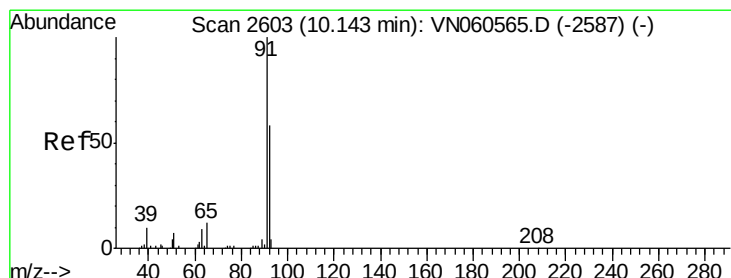
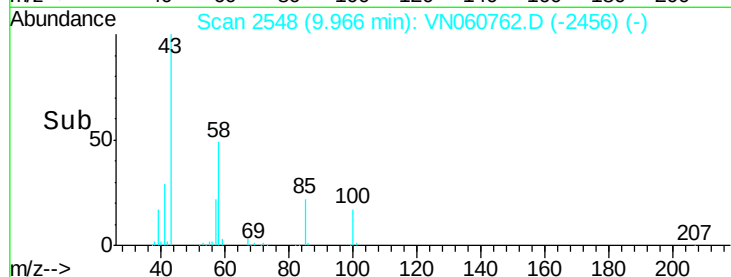
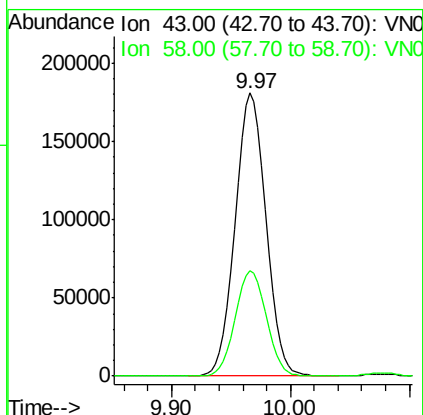
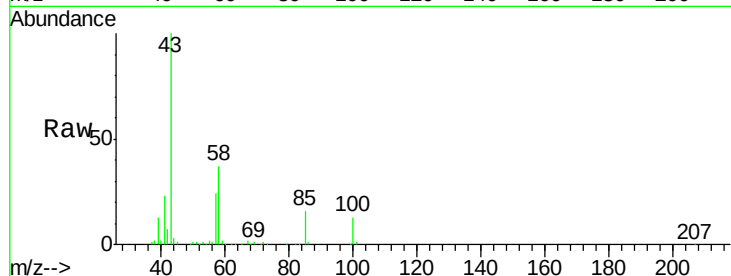




#51  
4-Methyl-2-Pentanone  
Concen: 98.079 ug/l  
RT: 9.97 min Scan# 2548  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

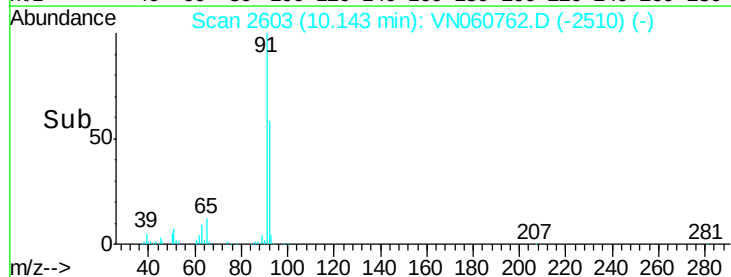
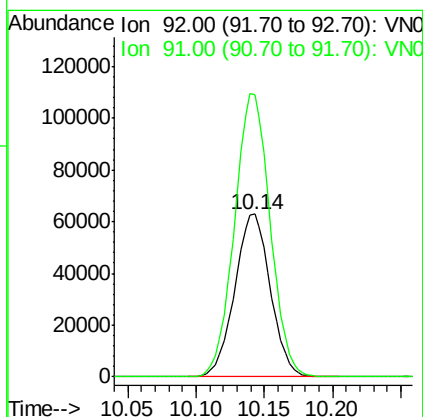
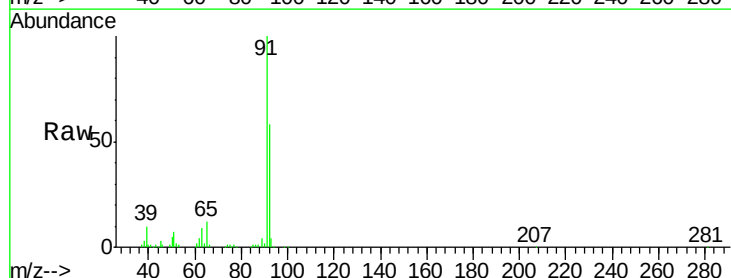
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

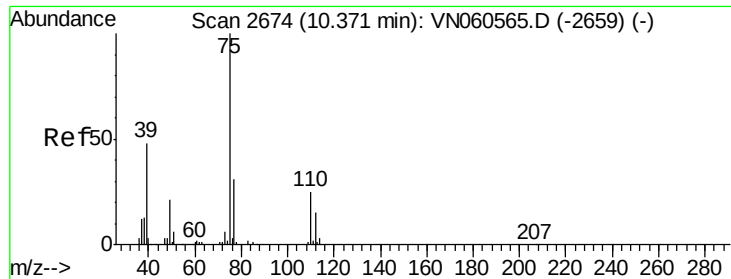
Tot Ion: 43 Resp: 325044  
Ion Ratio Lower Upper  
43 100  
58 37.6 30.8 46.2



#52  
Toluene  
Concen: 19.110 ug/l  
RT: 10.14 min Scan# 2603  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

Tgt Ion: 92 Resp: 113863  
Ion Ratio Lower Upper  
92 100  
91 174.2 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 20.064 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

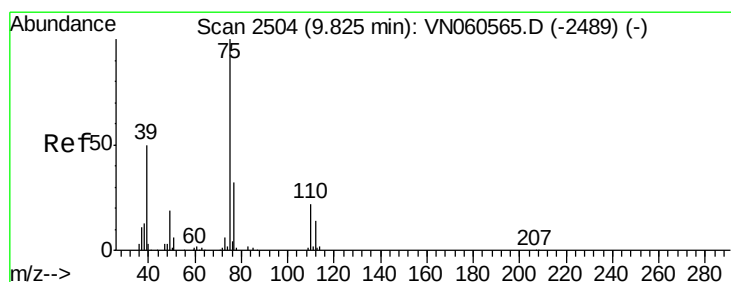
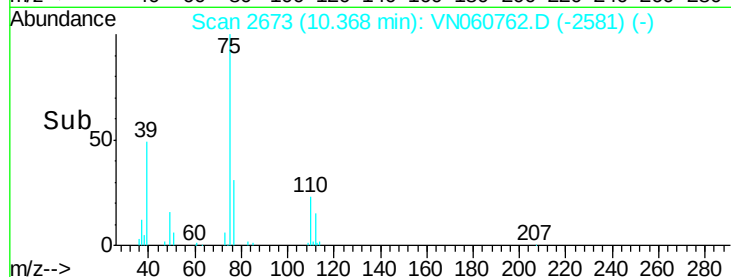
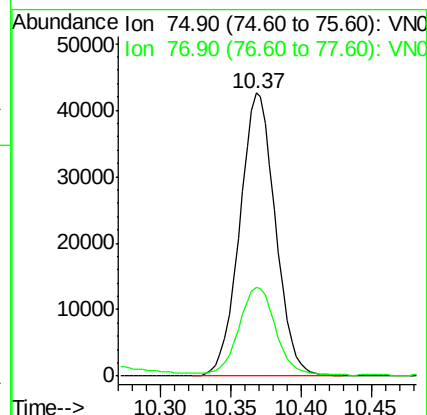
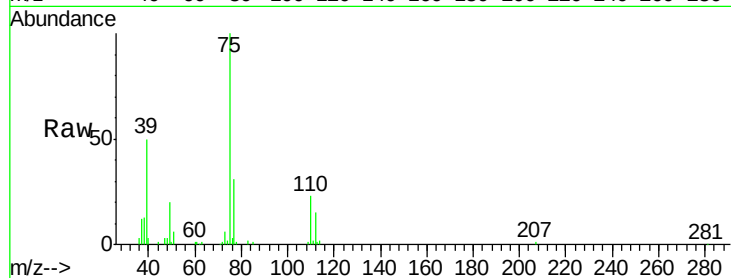
VN0330WBS01

Tot Ion: 75 Resp: 75376

Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.578 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

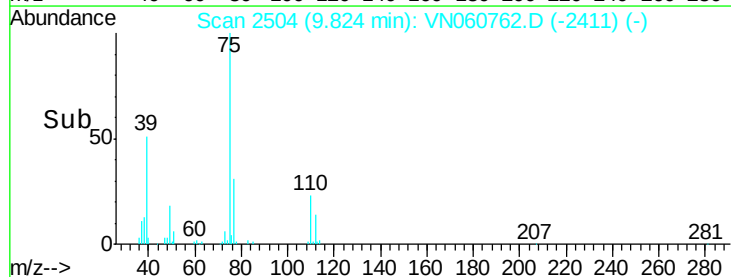
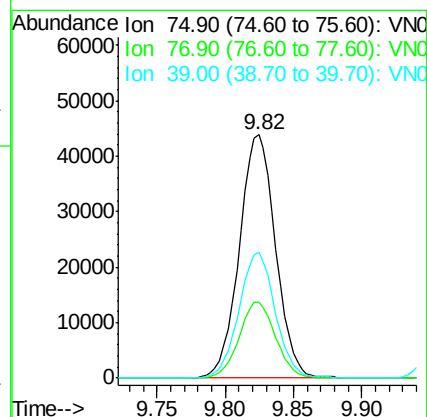
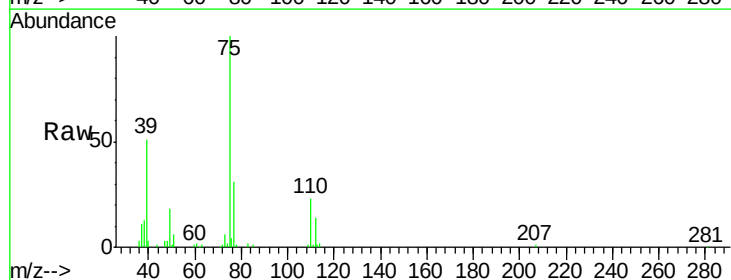
Tgt Ion: 75 Resp: 80688

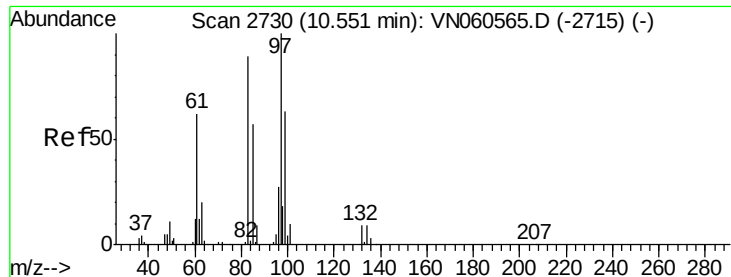
Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

39 51.4 40.2 60.4





#55

1,1,2-Trichloroethane

Concen: 19.587 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

Tot Ion: 97 Resp: 44900

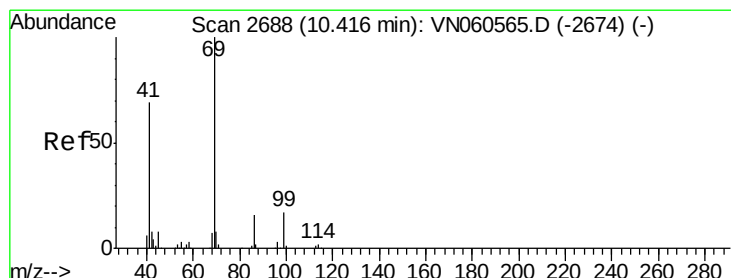
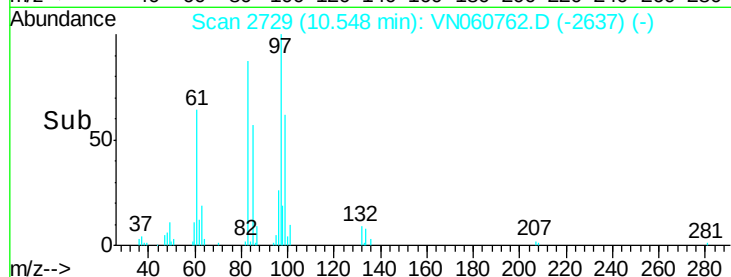
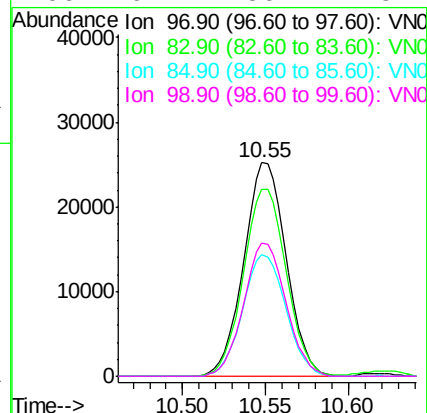
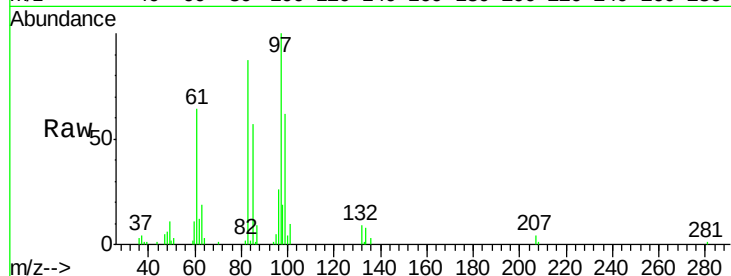
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.4  | 71.3  | 106.9 |
| 85  | 56.7  | 45.2  | 67.8  |
| 99  | 62.2  | 50.1  | 75.1  |

97 100

83 87.4 71.3 106.9

85 56.7 45.2 67.8

99 62.2 50.1 75.1



#56

Ethyl methacrylate

Concen: 18.622 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

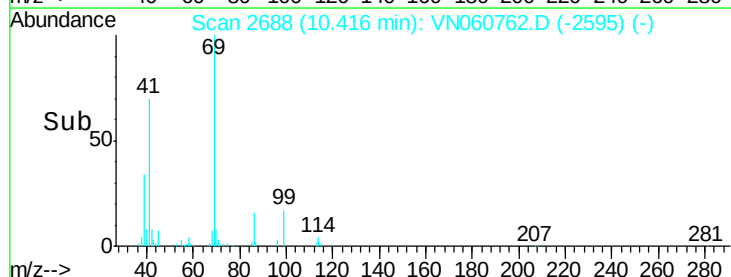
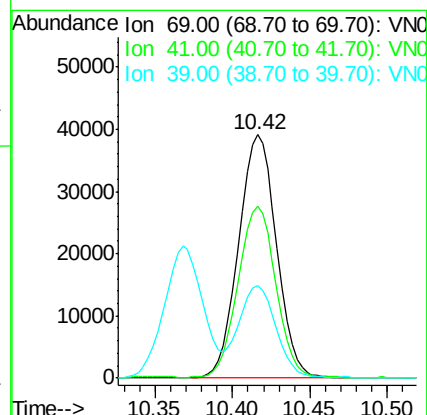
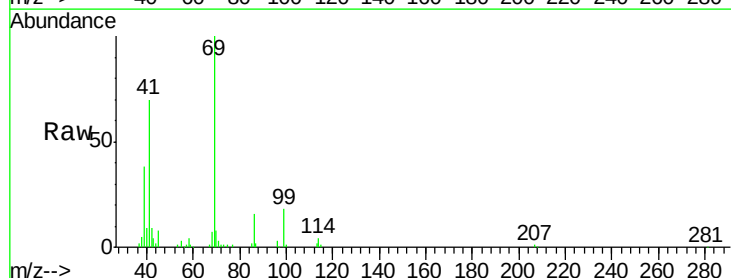
Tgt Ion: 69 Resp: 66558

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 71.3  | 55.4  | 83.2  |
| 39  | 37.6  | 29.4  | 44.0  |

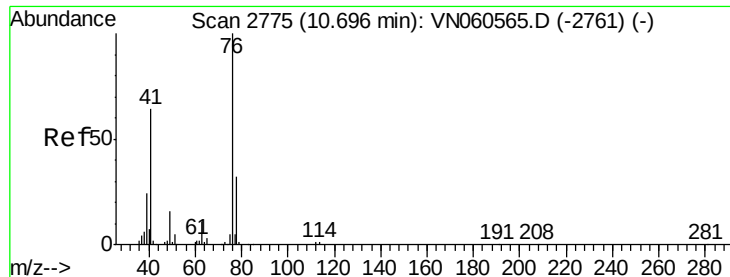
69 100

41 71.3 55.4 83.2

39 37.6 29.4 44.0







#57

1,3-Dichloropropane

Concen: 19.494 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

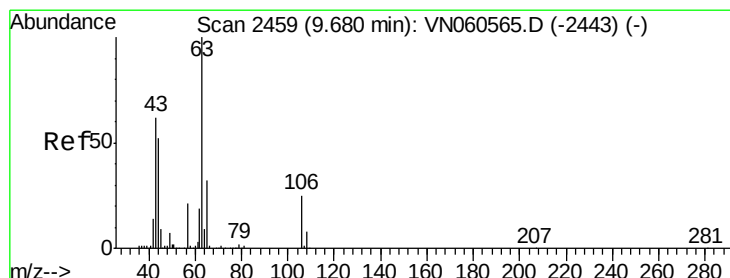
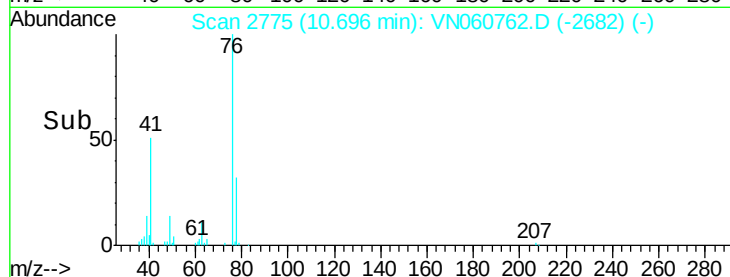
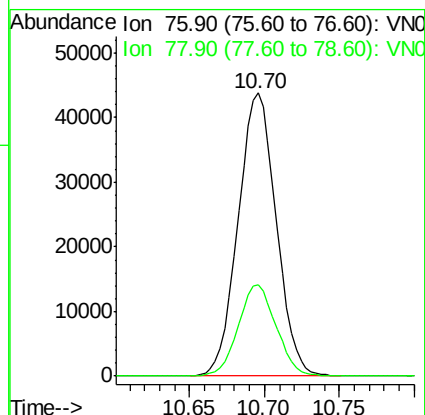
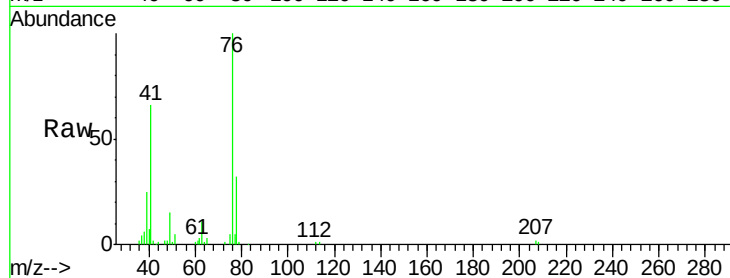
VN0330WBS01

Tot Ion: 76 Resp: 77545

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 87.482 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060762.D

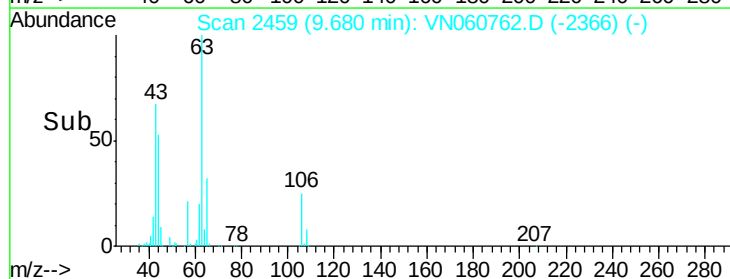
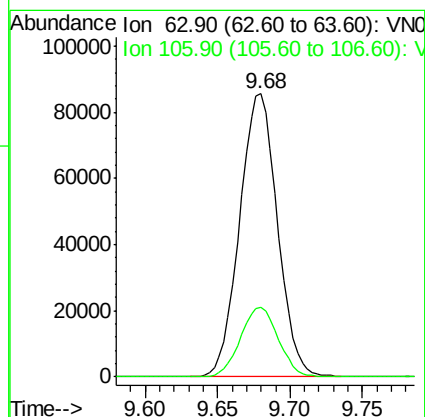
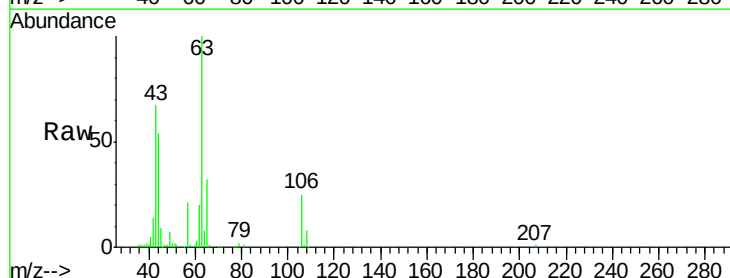
Acq: 30 Mar 2020 11:52

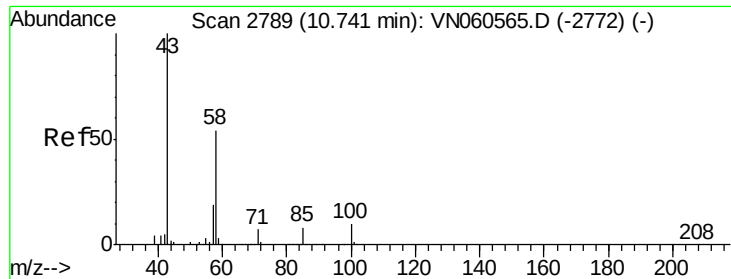
Tgt Ion: 63 Resp: 155405

Ion Ratio Lower Upper

63 100

106 24.6 20.0 30.0

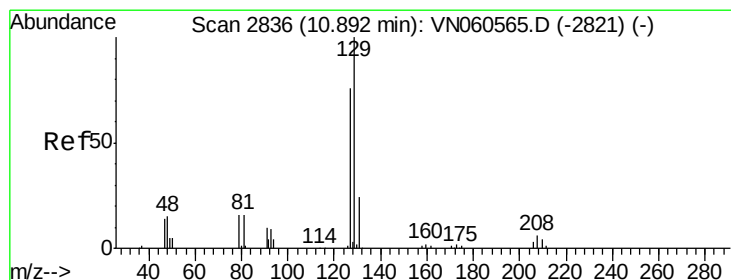
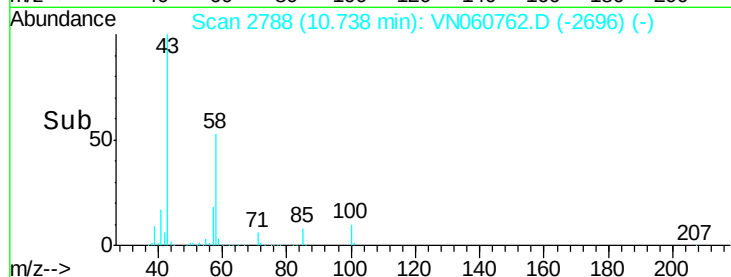
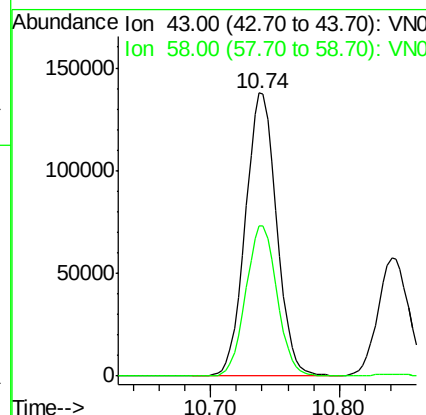
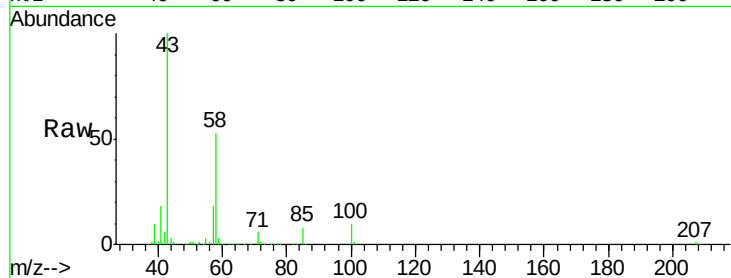




#59  
2-Hexanone  
Concen: 97.380 ug/l  
RT: 10.74 min Scan# 2788  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

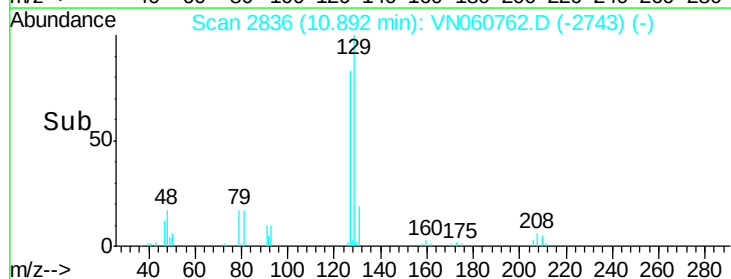
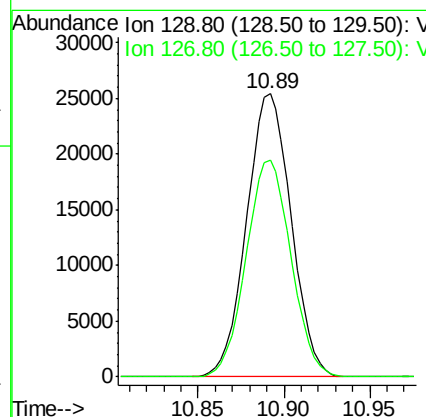
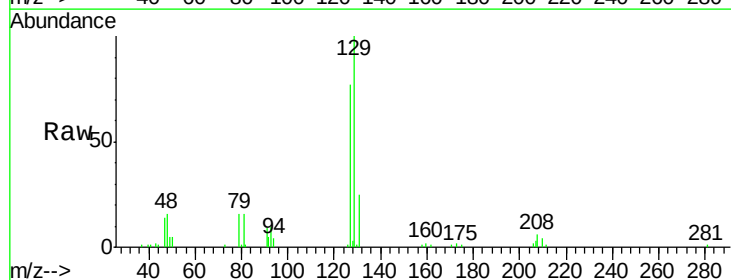
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

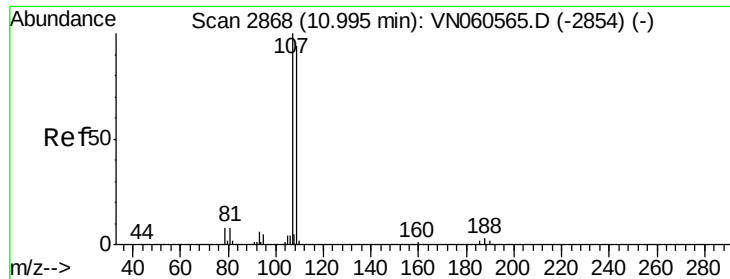
Tot Ion: 43 Resp: 232477  
Ion Ratio Lower Upper  
43 100  
58 53.2 26.7 80.1



#60  
Dibromochloromethane  
Concen: 19.334 ug/l  
RT: 10.89 min Scan# 2836  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

Tgt Ion: 129 Resp: 45780  
Ion Ratio Lower Upper  
129 100  
127 77.0 38.5 115.5

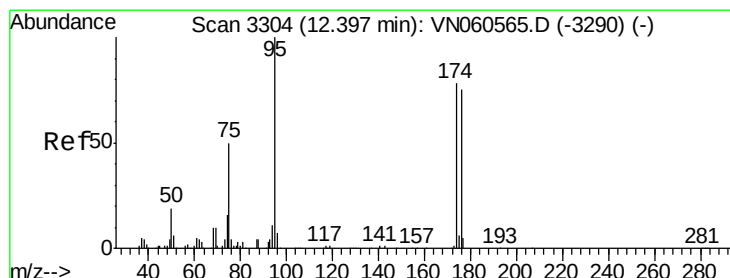
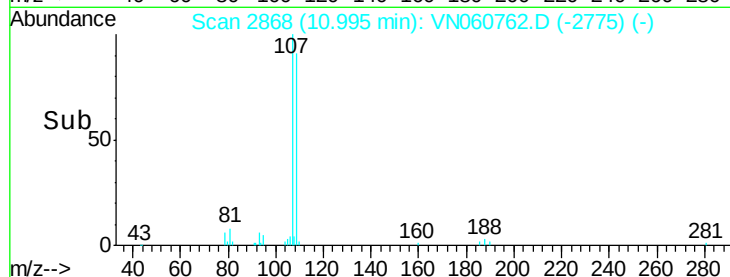
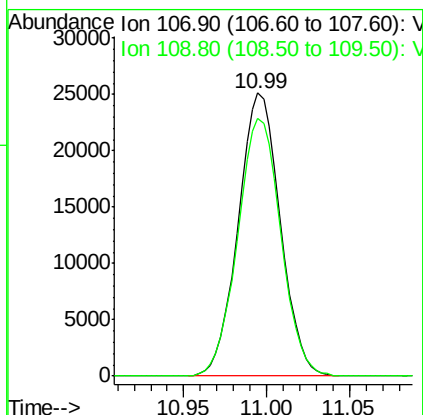
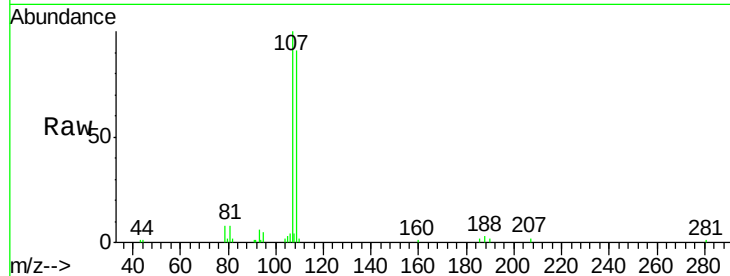




#61  
 1,2-Dibromoethane  
 Concen: 19.194 ug/l  
 RT: 10.99 min Scan# 2868  
 Delta R.T. -0.00 min  
 Lab File: VN060762.D  
 Acq: 30 Mar 2020 11:52

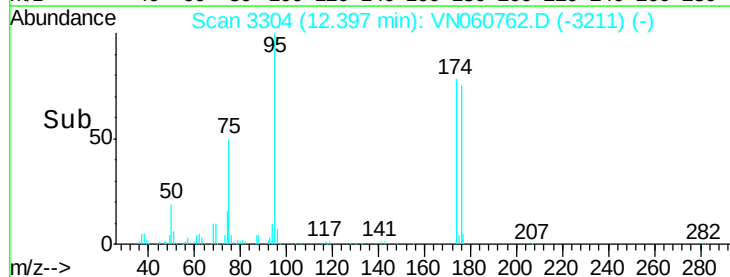
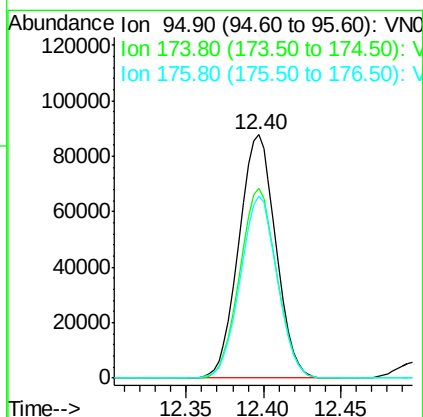
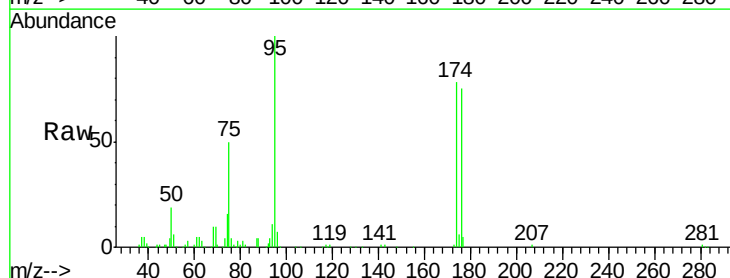
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0330WBS01

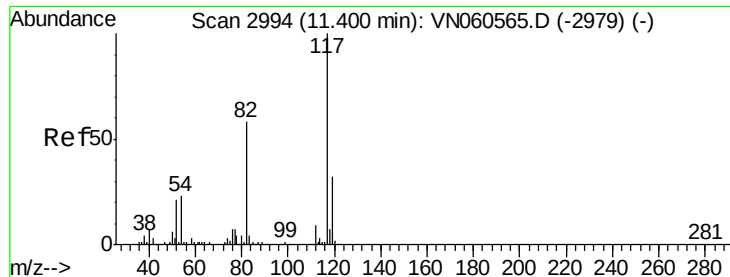
Tot Ion:107 Resp: 44242  
 Ion Ratio Lower Upper  
 107 100  
 109 93.6 75.4 113.2



#62  
 4-Bromofluorobenzene  
 Concen: 47.831 ug/l  
 RT: 12.40 min Scan# 3304  
 Delta R.T. -0.00 min  
 Lab File: VN060762.D  
 Acq: 30 Mar 2020 11:52

Tgt Ion: 95 Resp: 146129  
 Ion Ratio Lower Upper  
 95 100  
 174 77.7 0.0 157.6  
 176 74.4 0.0 150.6

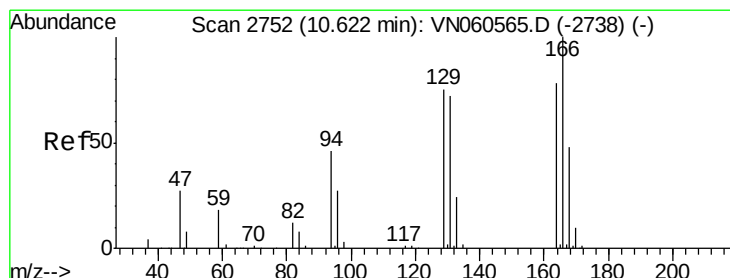
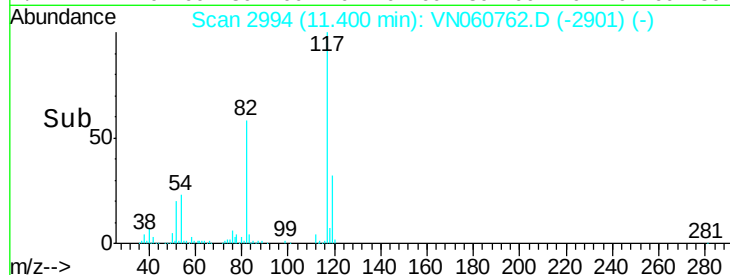
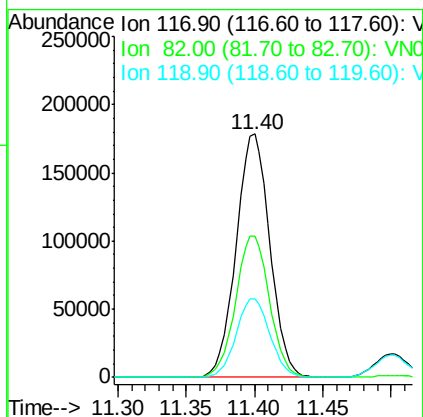
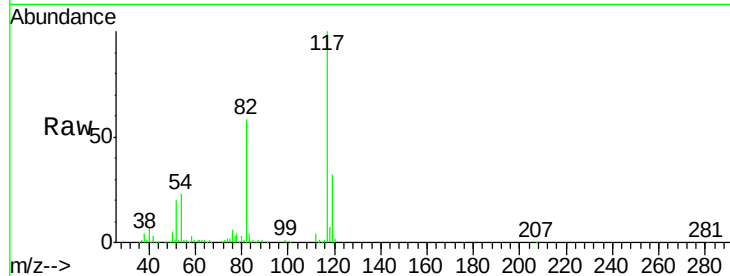




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

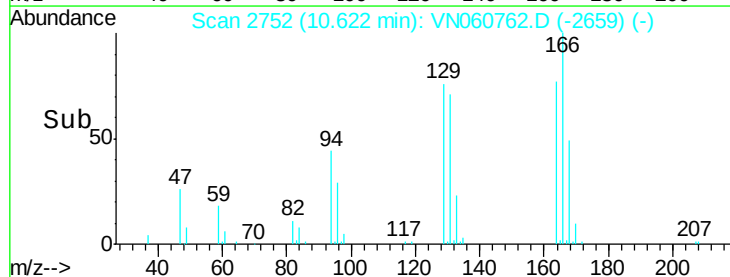
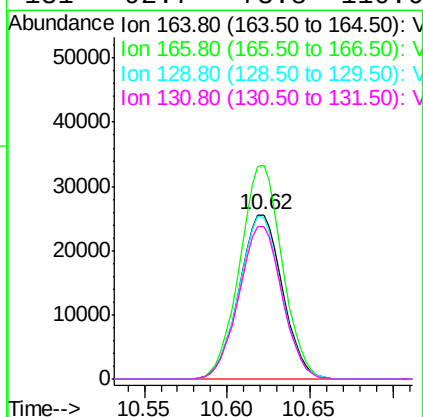
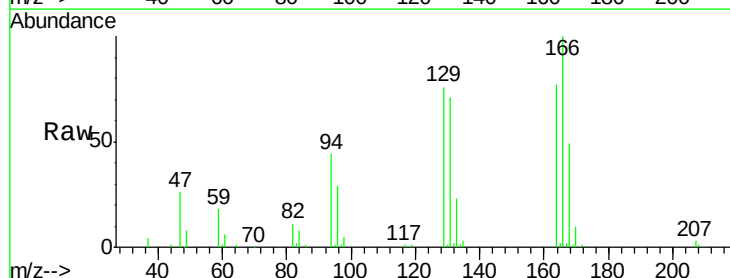
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

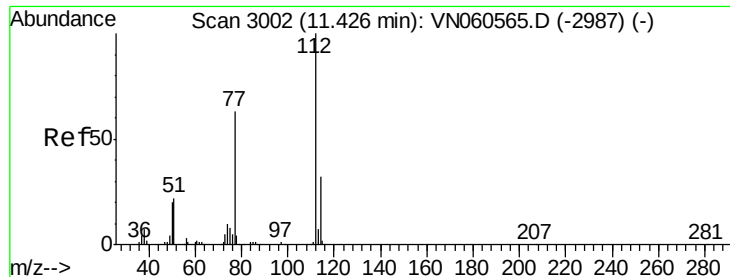
Tot Ion:117 Resp: 306591  
Ion Ratio Lower Upper  
117 100  
82 58.1 46.7 70.1  
119 32.4 25.5 38.3



#64  
Tetrachloroethene  
Concen: 19.123 ug/l  
RT: 10.62 min Scan# 2752  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

Tgt Ion:164 Resp: 46136  
Ion Ratio Lower Upper  
164 100  
166 130.1 102.7 154.1  
129 98.7 77.2 115.8  
131 92.7 73.8 110.6





#65

Chlorobenzene

Concen: 19.370 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

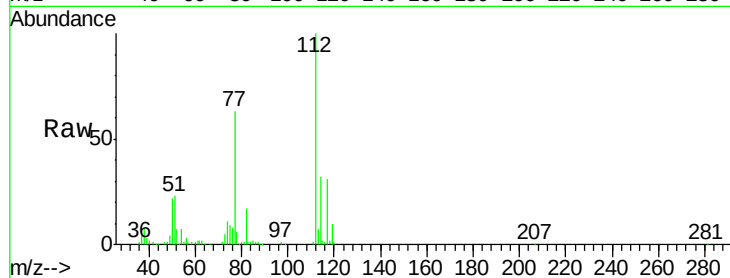
VN0330WBS01

Tot Ion:112 Resp: 117729

Ion Ratio Lower Upper

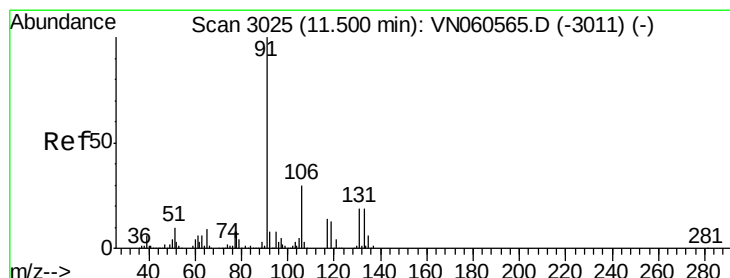
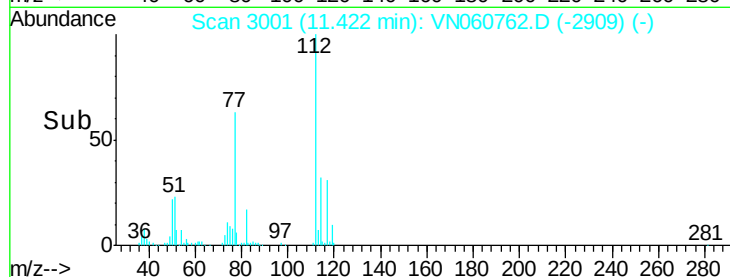
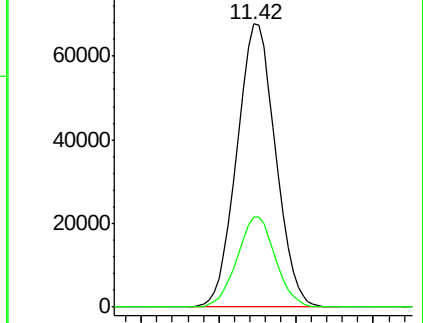
112 100

114 31.6 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.488 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

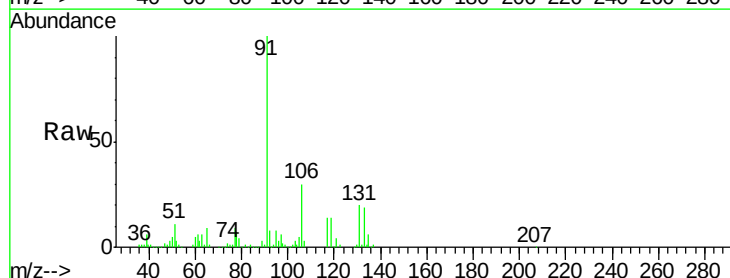
Tgt Ion:131 Resp: 42886

Ion Ratio Lower Upper

131 100

133 97.3 48.9 146.8

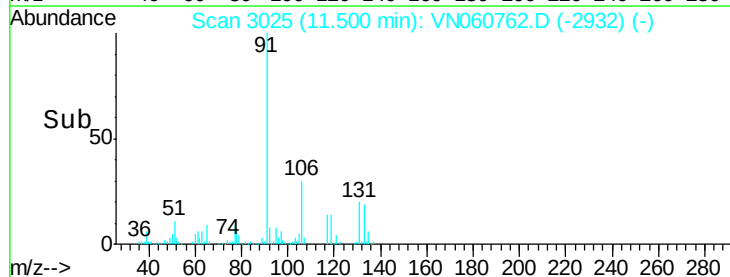
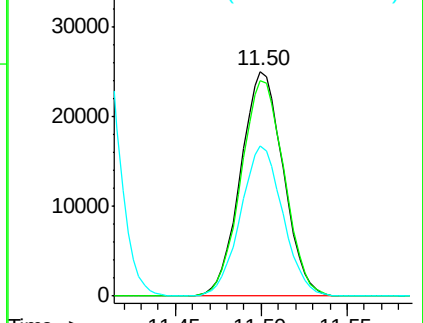
119 66.3 33.9 101.7

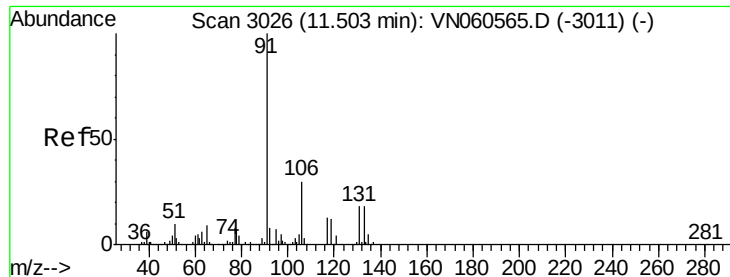


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.380 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampled :

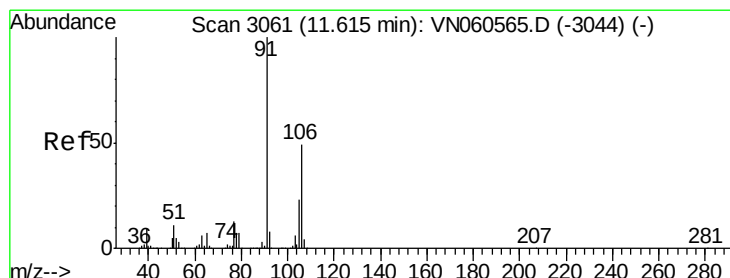
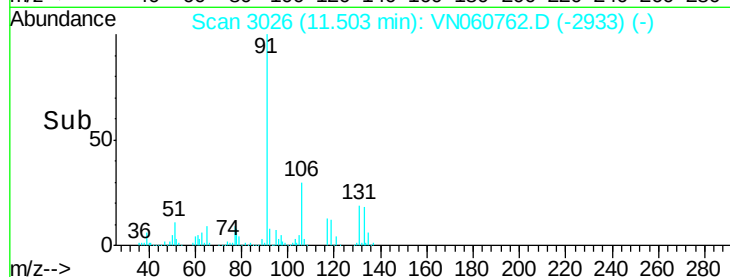
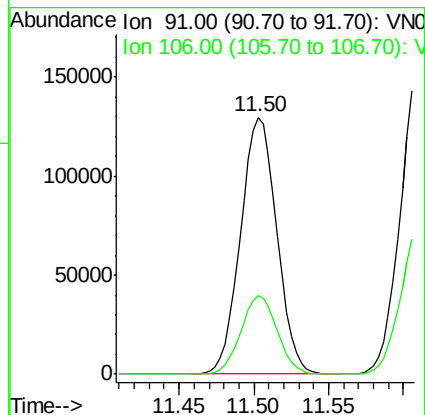
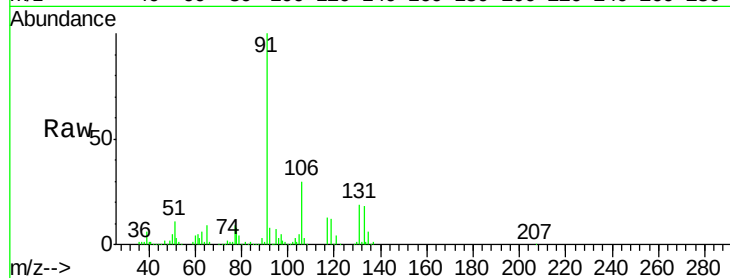
VN0330WBS01

Tot Ion: 91 Resp: 219050

Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.2



#68

m/p-Xylenes

Concen: 38.253 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060762.D

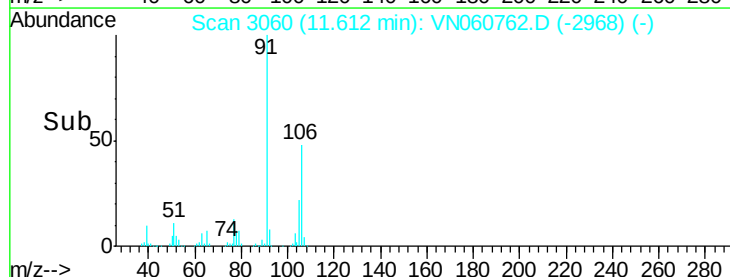
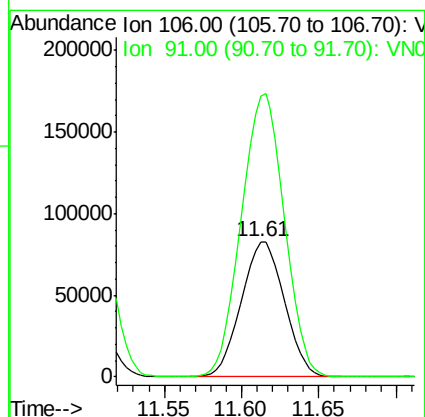
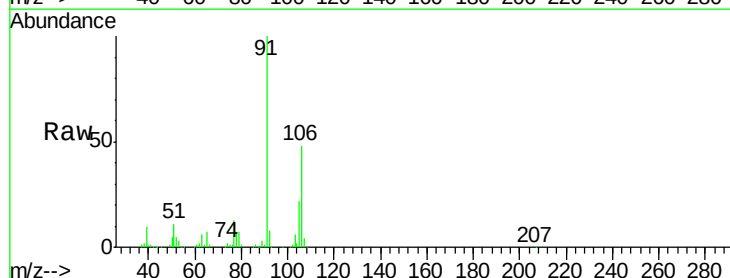
Acq: 30 Mar 2020 11:52

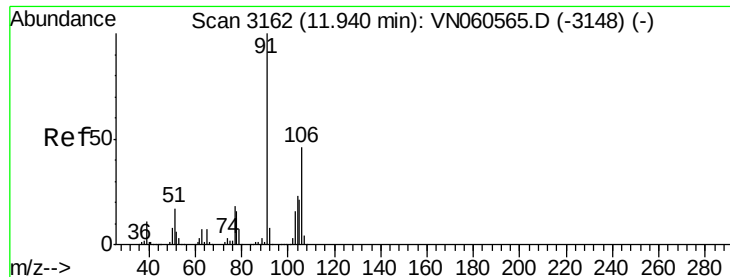
Tgt Ion: 106 Resp: 160669

Ion Ratio Lower Upper

106 100

91 209.1 165.0 247.4





#69

o-Xylene

Concen: 19.186 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

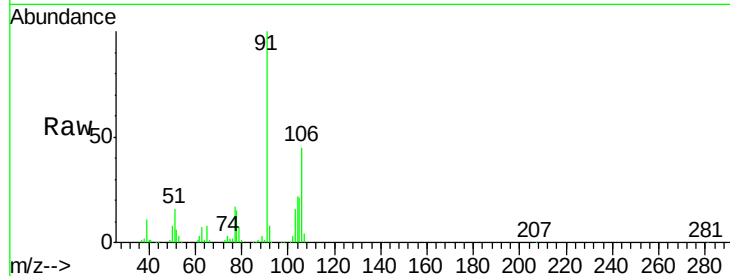
VN0330WBS01

Tot Ion:106 Resp: 76929

Ion Ratio Lower Upper

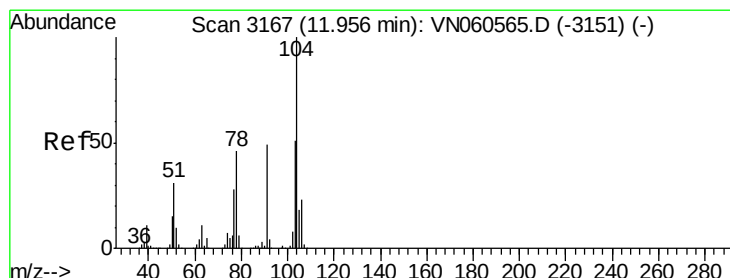
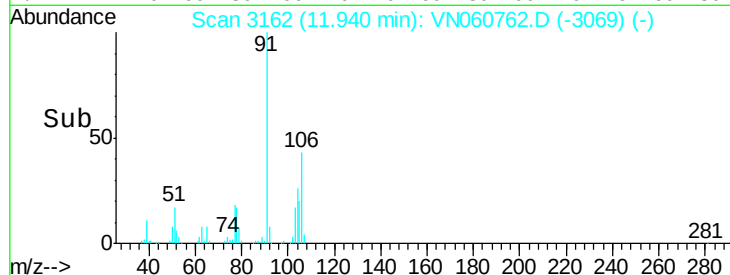
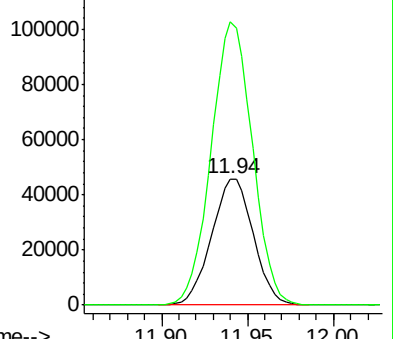
106 100

91 221.5 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 18.687 ug/l

RT: 11.96 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

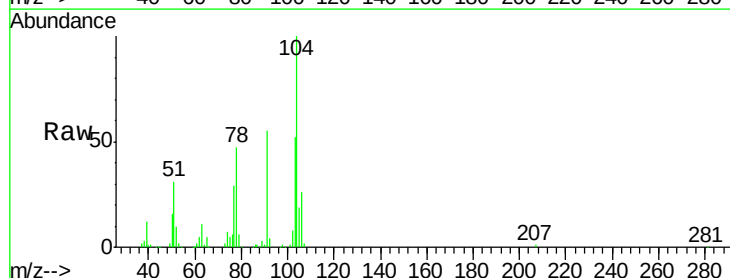
Tgt Ion:104 Resp: 122540

Ion Ratio Lower Upper

104 100

78 51.9 41.2 61.8

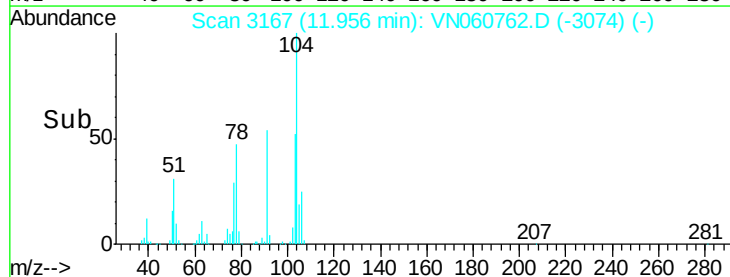
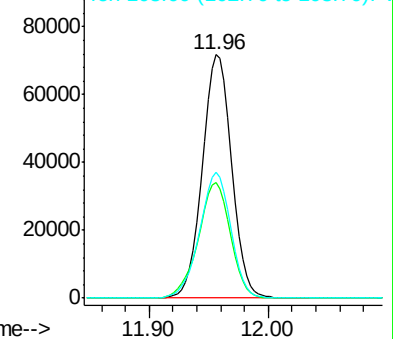
103 55.0 44.0 66.0

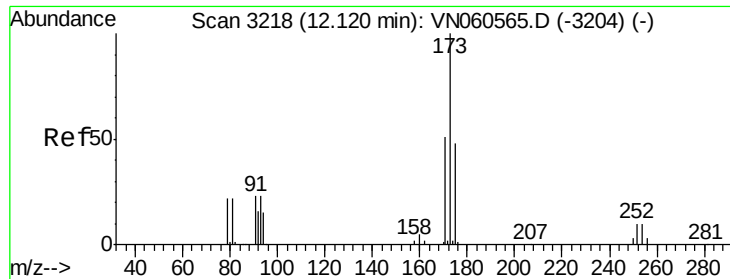


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

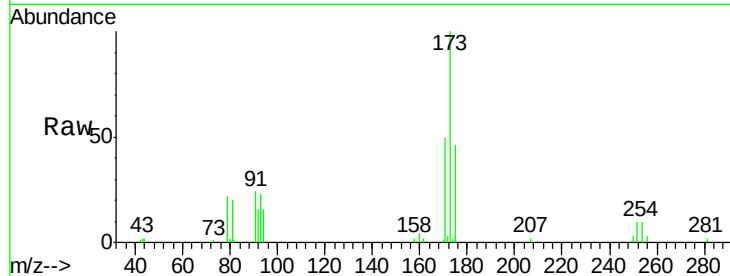




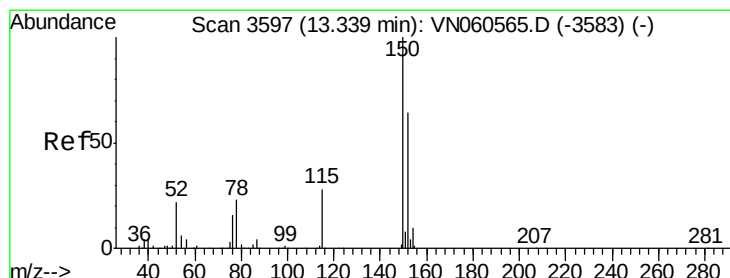
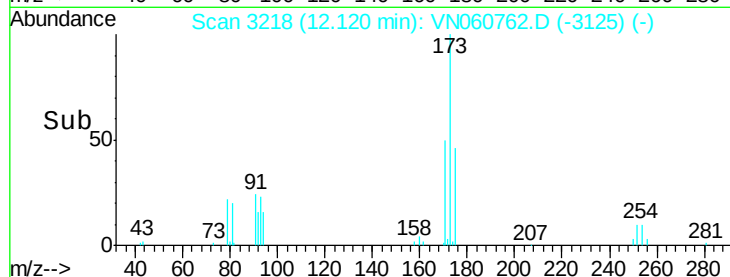
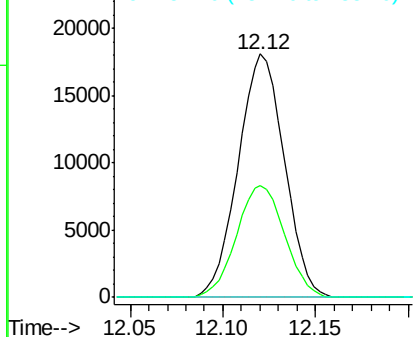
#71  
Bromoform  
Concen: 18.222 ug/l  
RT: 12.12 min Scan# 3218  
Delta R.T. 0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

Tot Ion:173 Resp: 31306  
Ion Ratio Lower Upper  
173 100  
175 47.8 24.1 72.4  
254 0.0 0.0 0.0

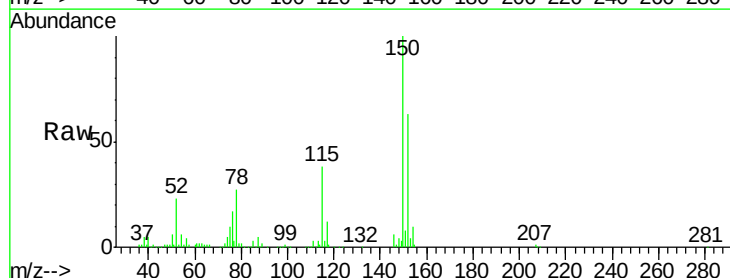


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

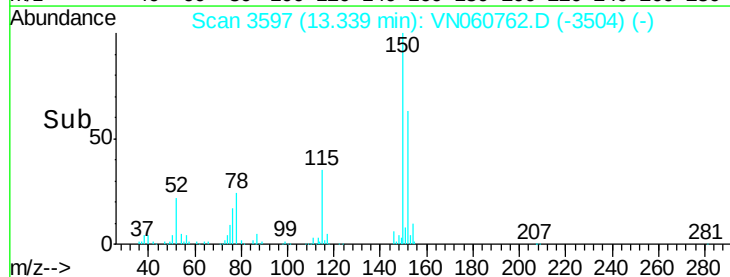
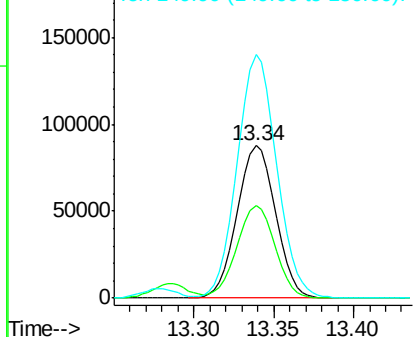


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3597  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

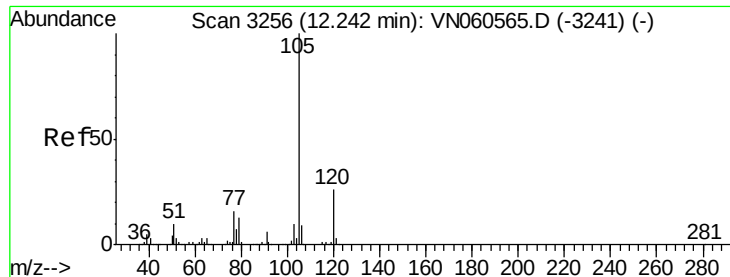
Tgt Ion:152 Resp: 143368  
Ion Ratio Lower Upper  
152 100  
115 60.4 30.2 90.6  
150 164.5 0.0 350.2



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







#73

Isopropylbenzene

Concen: 19.551 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

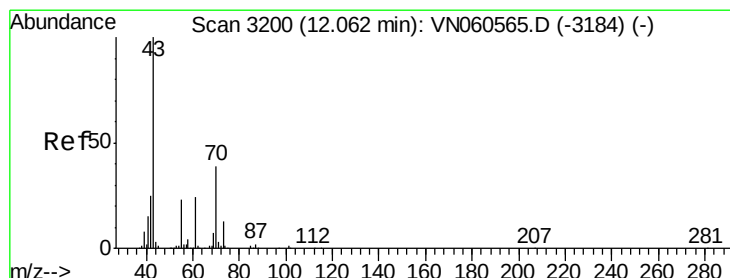
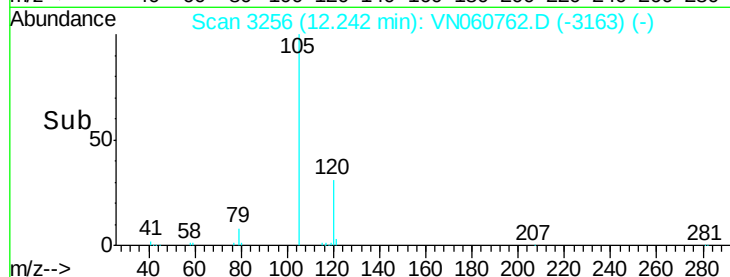
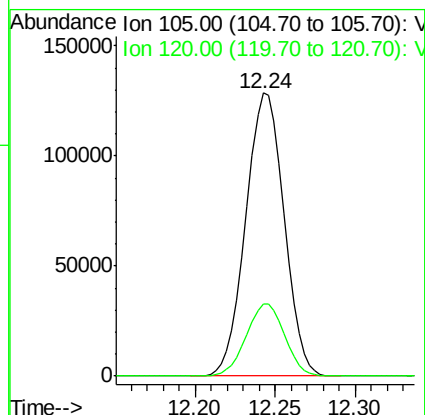
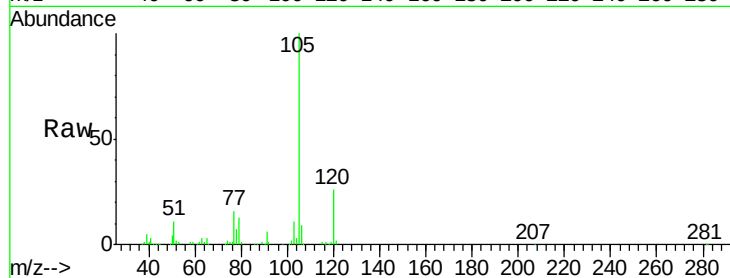
VN0330WBS01

Tot Ion:105 Resp: 210355

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.1



#74

N-ethyl acetate

Concen: 18.741 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Tgt Ion: 43 Resp: 93175

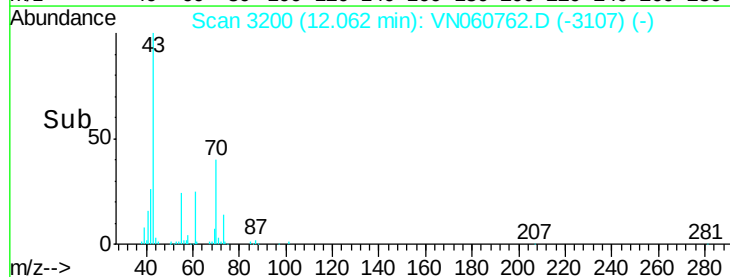
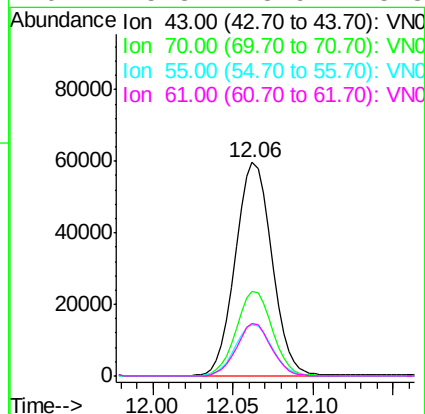
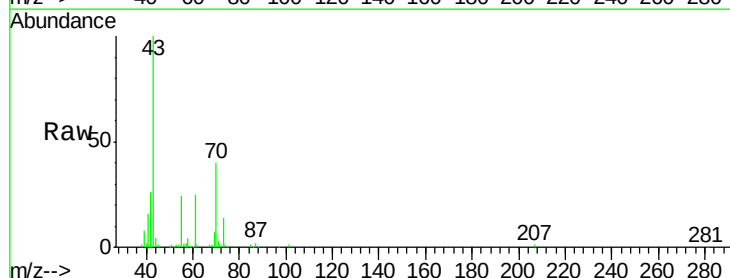
Ion Ratio Lower Upper

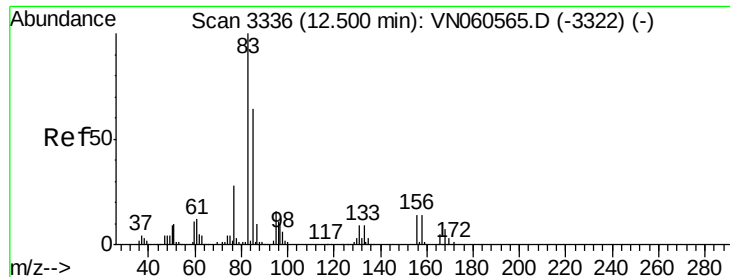
43 100

70 39.0 31.1 46.7

55 24.0 18.6 27.8

61 23.3 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.130 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

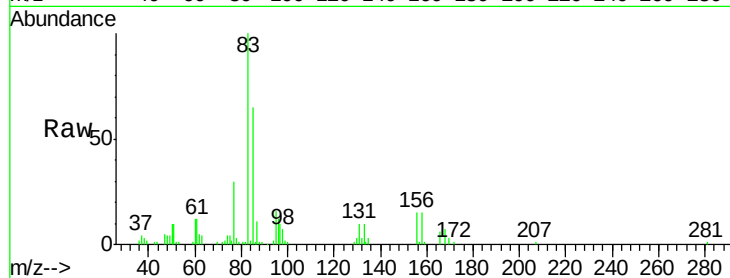
Tot Ion: 83 Resp: 62243

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

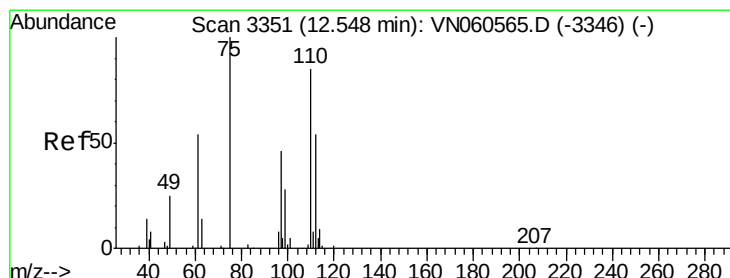
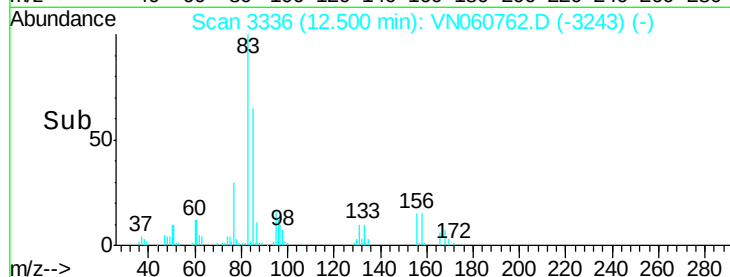
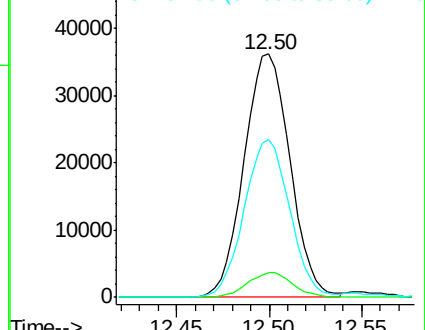
85 64.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 17.099 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060762.D

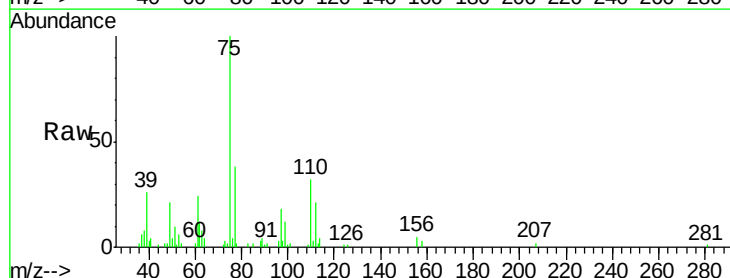
Acq: 30 Mar 2020 11:52

Tgt Ion: 75 Resp: 52898

Ion Ratio Lower Upper

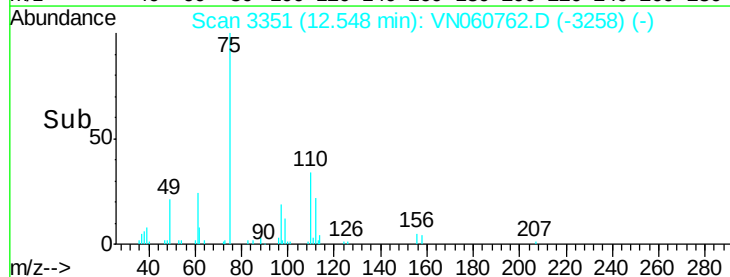
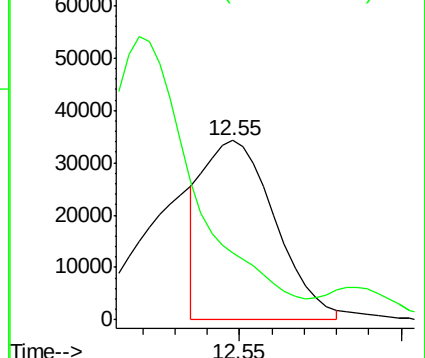
75 100

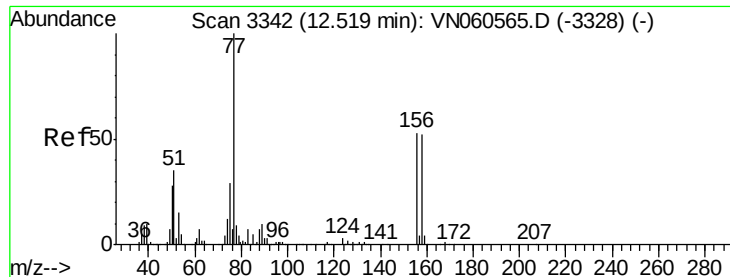
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.989 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

VN0330WBS01

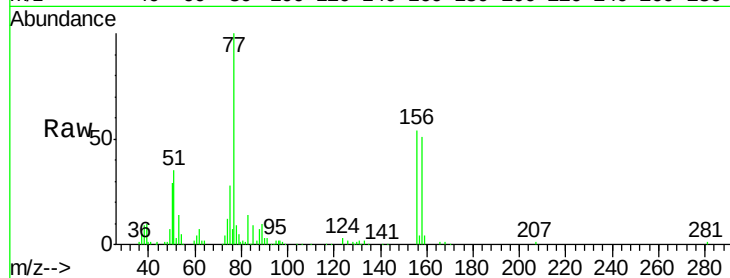
Tot Ion:156 Resp: 49232

Ion Ratio Lower Upper

156 100

77 223.5 112.3 337.0

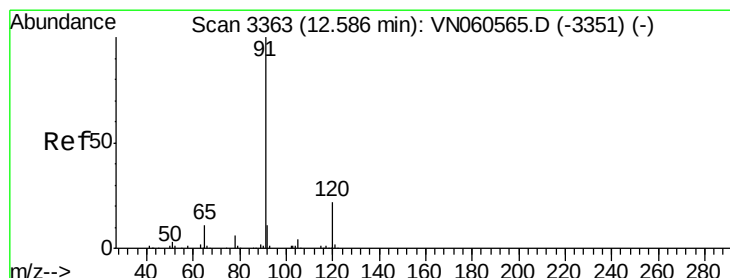
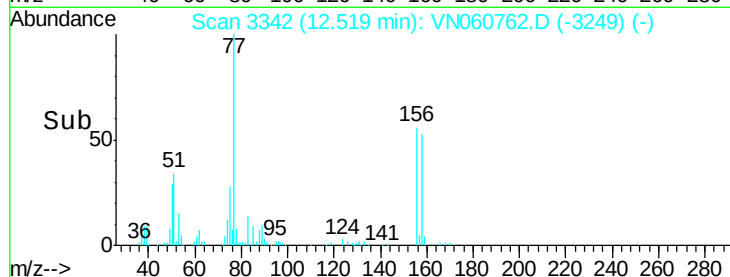
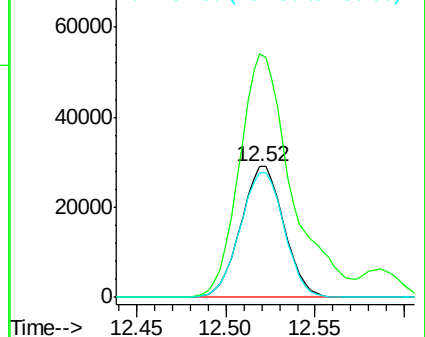
158 96.5 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.304 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060762.D

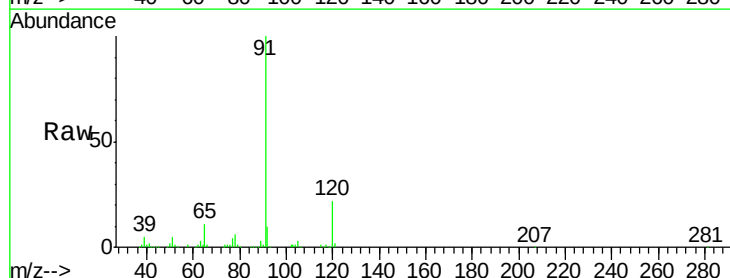
Acq: 30 Mar 2020 11:52

Tgt Ion: 91 Resp: 245373

Ion Ratio Lower Upper

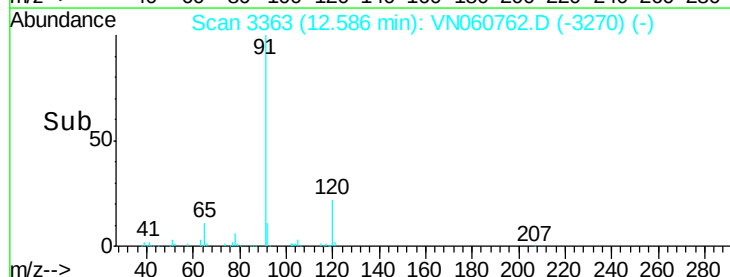
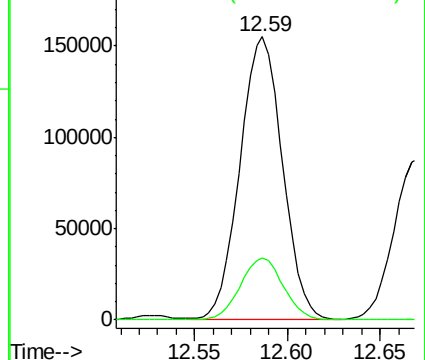
91 100

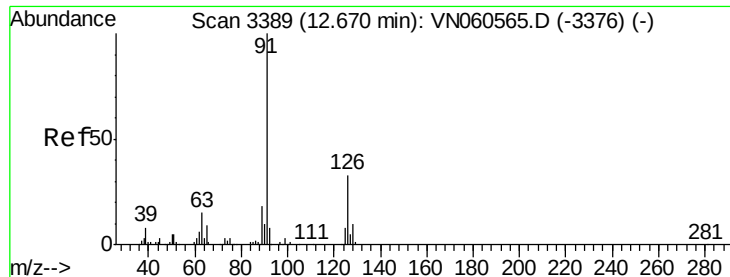
120 22.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.051 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampleId :

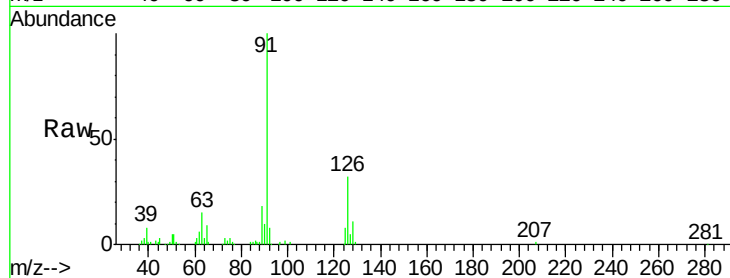
VN0330WBS01

Tot Ion: 91 Resp: 144689

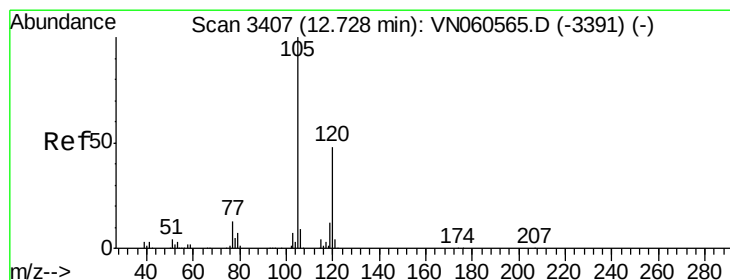
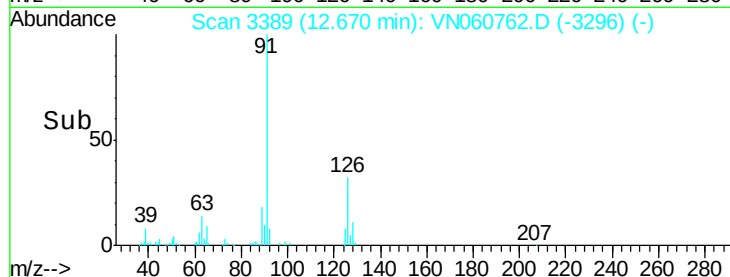
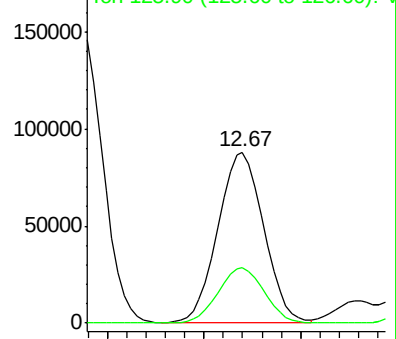
Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060762.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.298 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060762.D

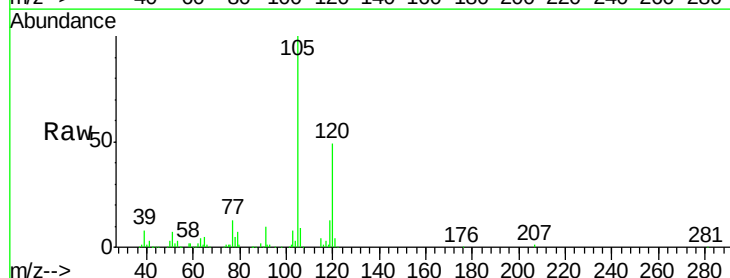
Acq: 30 Mar 2020 11:52

Tgt Ion: 105 Resp: 176204

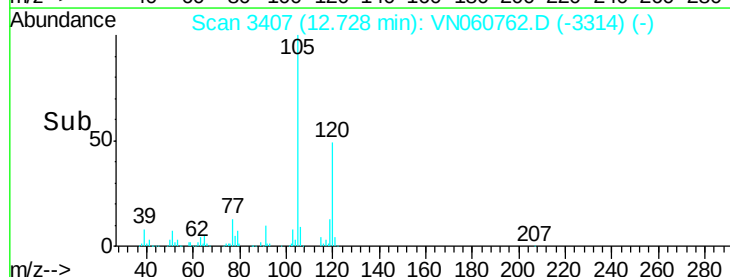
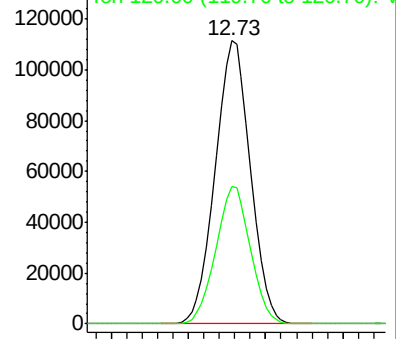
Ion Ratio Lower Upper

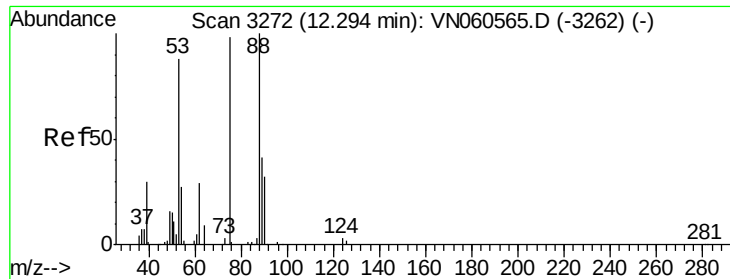
105 100

120 47.6 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060762.D (-3391) (-)

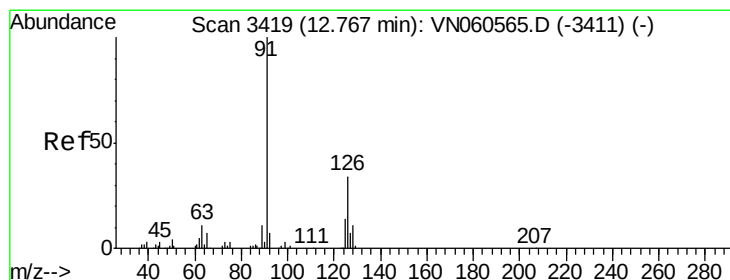
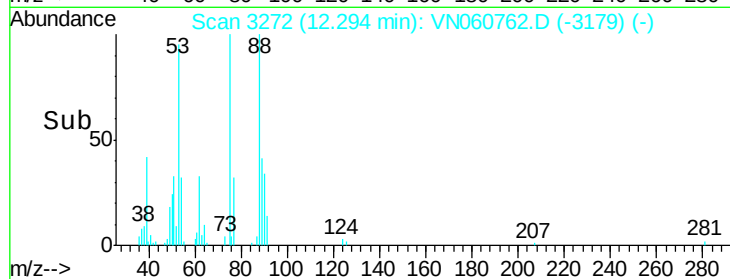
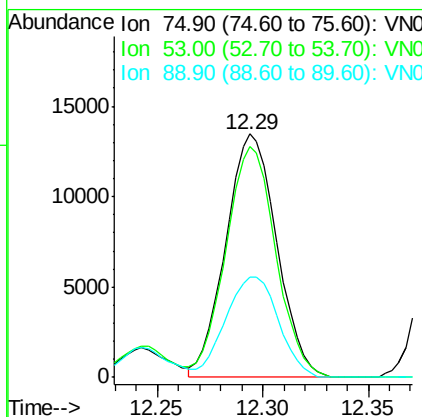
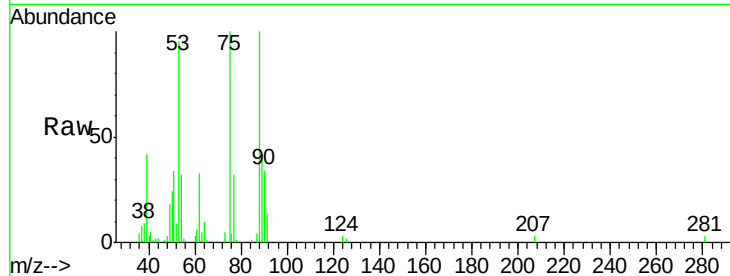




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.757 ug/l  
RT: 12.29 min Scan# 3272  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

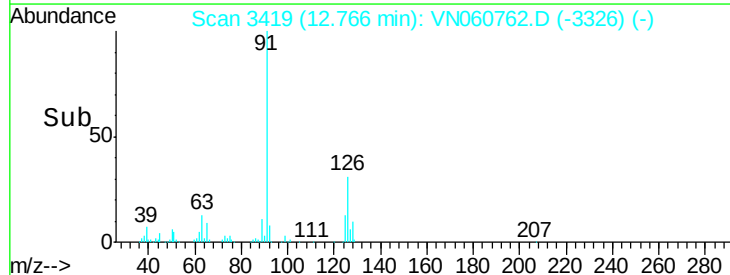
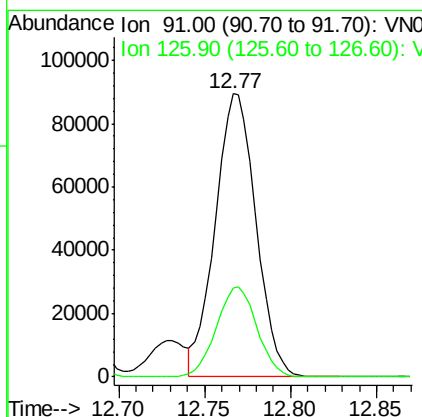
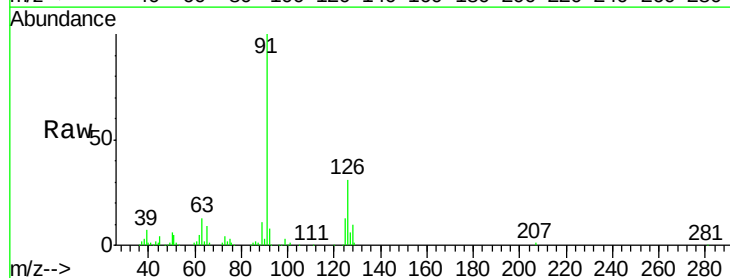
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0330WBS01

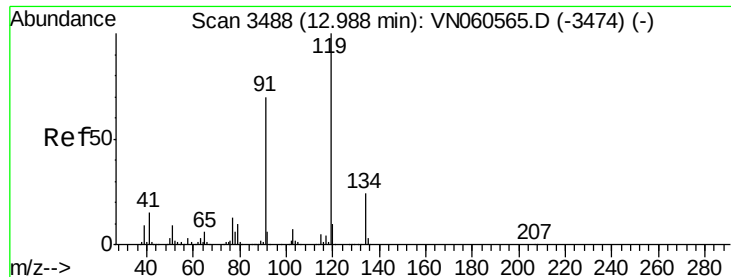
Tot Ion: 75 Resp: 22593  
Ion Ratio Lower Upper  
75 100  
53 93.0 73.0 109.4  
89 43.0 34.8 52.2



#82  
4-Chlorotoluene  
Concen: 19.148 ug/l  
RT: 12.77 min Scan# 3419  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

Tgt Ion: 91 Resp: 148121  
Ion Ratio Lower Upper  
91 100  
126 31.6 16.2 48.5





#83

tert-Butylbenzene

Concen: 19.610 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampled :

VN0330WBS01

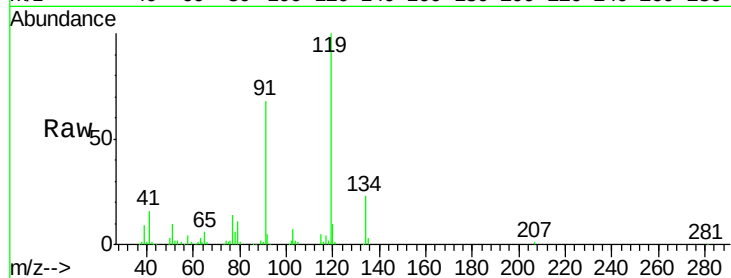
Tot Ion:119 Resp: 148429

Ion Ratio Lower Upper

119 100

91 66.8 34.0 101.8

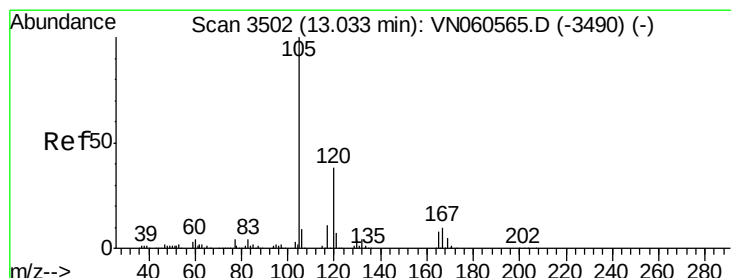
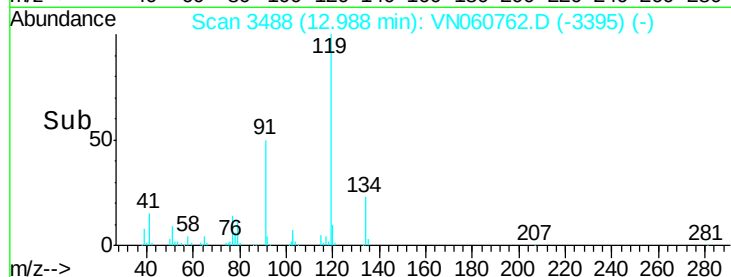
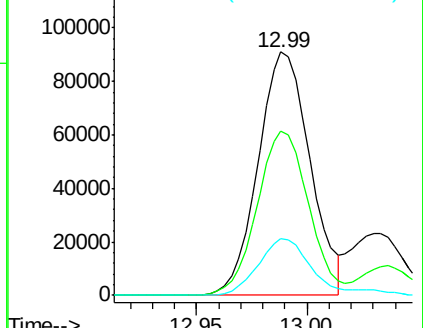
134 24.7 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.427 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060762.D

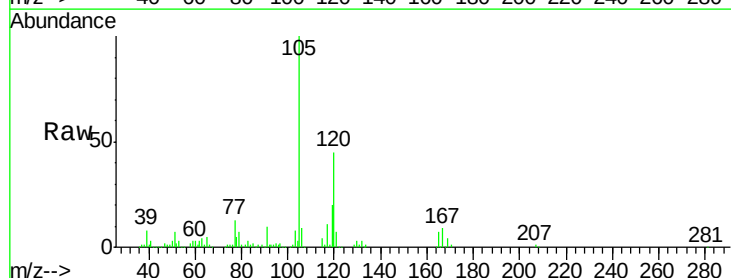
Acq: 30 Mar 2020 11:52

Tgt Ion:105 Resp: 175484

Ion Ratio Lower Upper

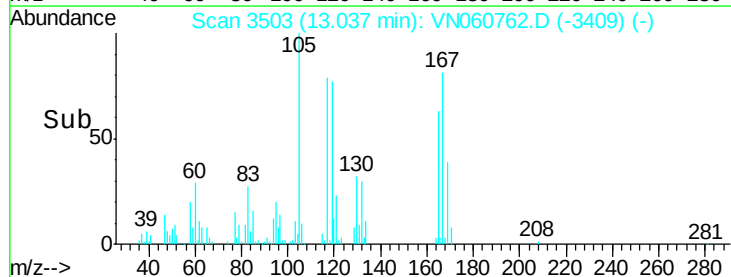
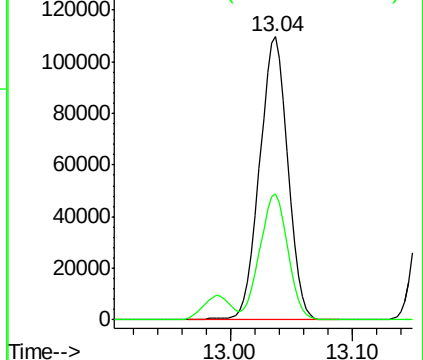
105 100

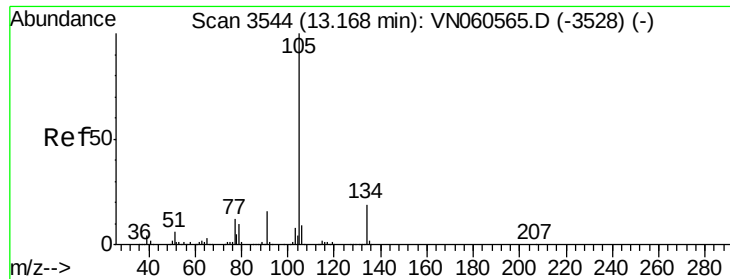
120 44.4 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.832 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampled :

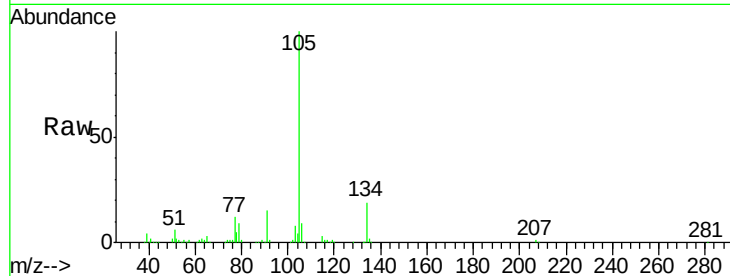
VN0330WBS01

Tot Ion:105 Resp: 201846

Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

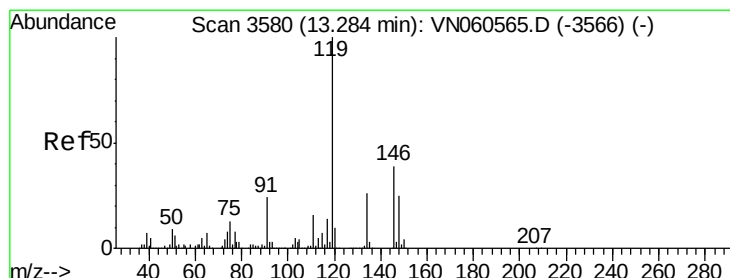
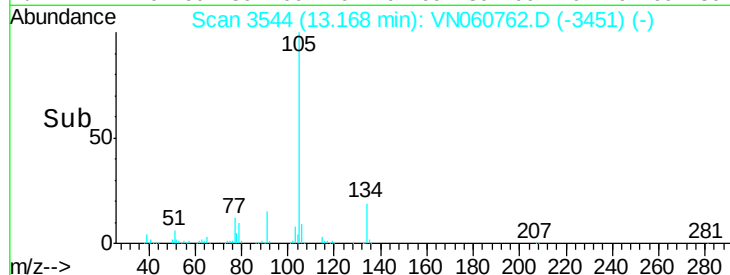
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.724 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

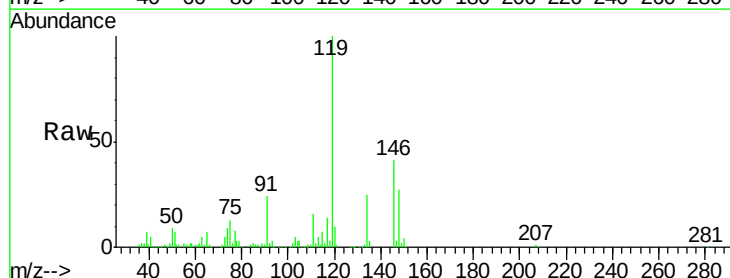
Tgt Ion:119 Resp: 180518

Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 23.8 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.28

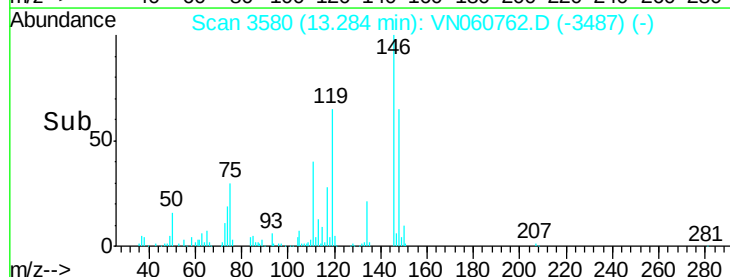
150000

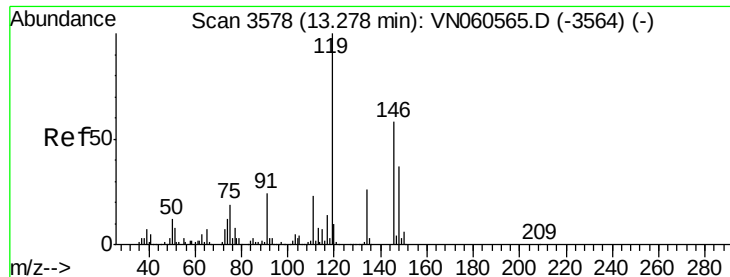
100000

50000

0

Time-->

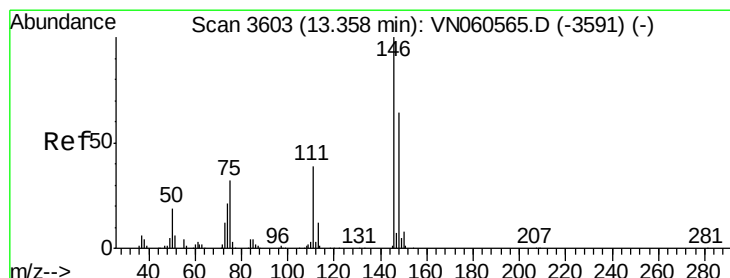
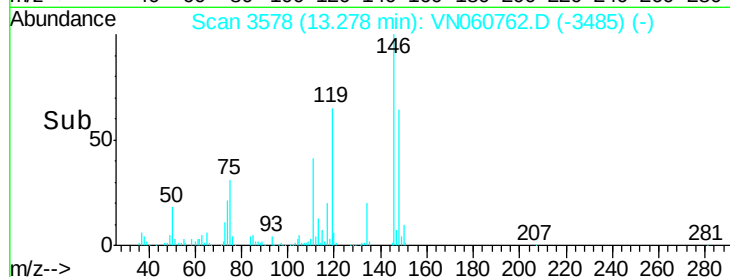
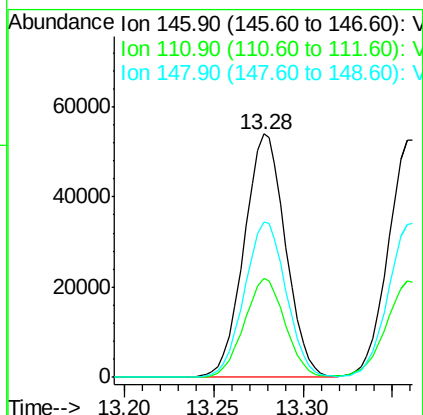
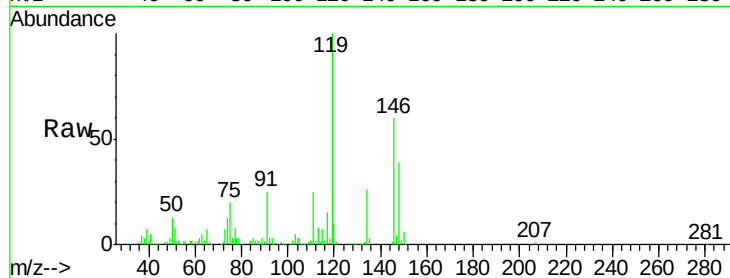




#87  
 1,3-Dichlorobenzene  
 Concen: 19.203 ug/l  
 RT: 13.28 min Scan# 3578  
 Delta R.T. -0.00 min  
 Lab File: VN060762.D  
 Acq: 30 Mar 2020 11:52

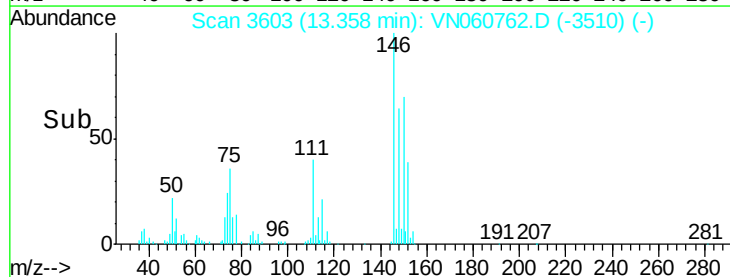
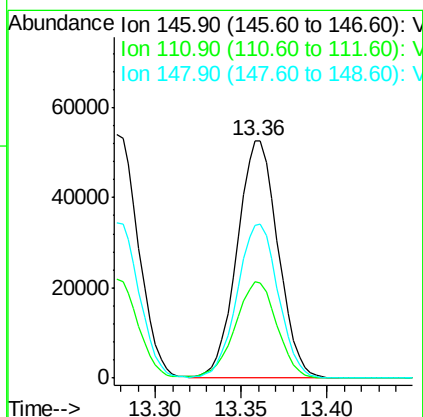
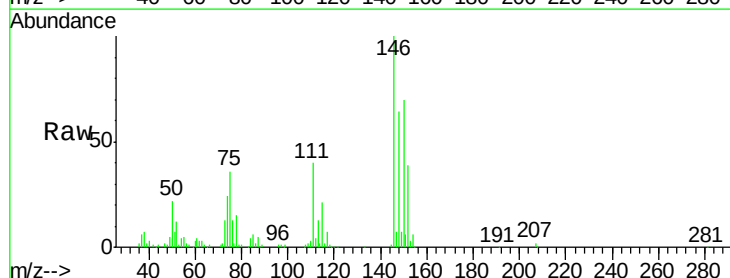
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VN0330WBS01

Tot Ion:146 Resp: 87806  
 Ion Ratio Lower Upper  
 146 100  
 111 40.0 20.3 60.8  
 148 64.2 32.5 97.4

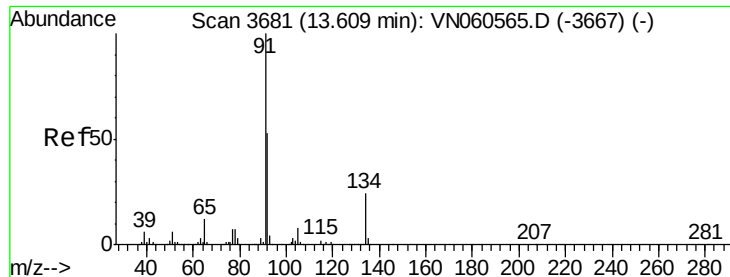


#88  
 1,4-Dichlorobenzene  
 Concen: 18.943 ug/l  
 RT: 13.36 min Scan# 3603  
 Delta R.T. -0.00 min  
 Lab File: VN060762.D  
 Acq: 30 Mar 2020 11:52

Tgt Ion:146 Resp: 87023  
 Ion Ratio Lower Upper  
 146 100  
 111 41.6 19.6 58.7  
 148 65.0 32.1 96.3







#89

n-Butylbenzene

Concen: 20.004 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampled :

VN0330WBS01

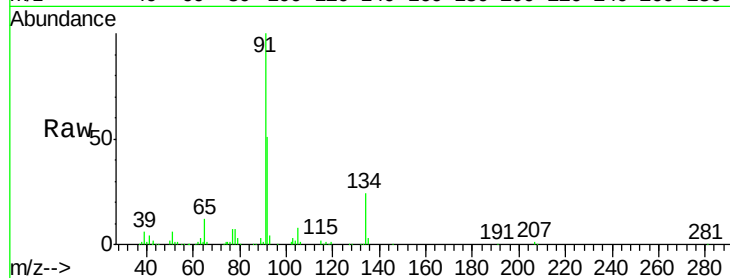
Tot Ion: 91 Resp: 165298

Ion Ratio Lower Upper

91 100

92 51.4 26.2 78.5

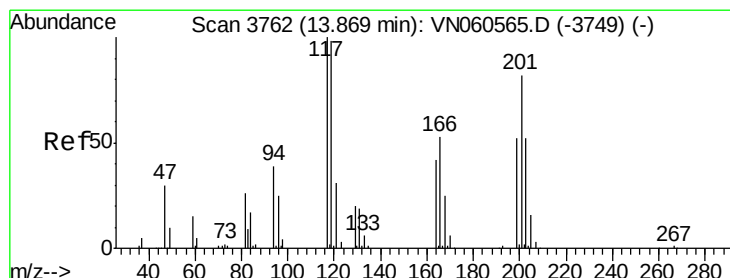
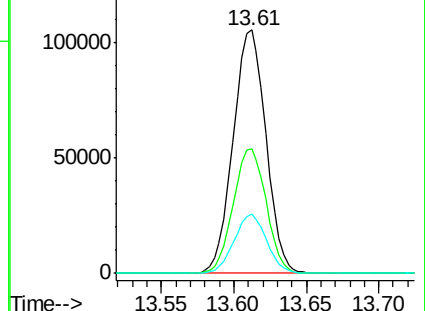
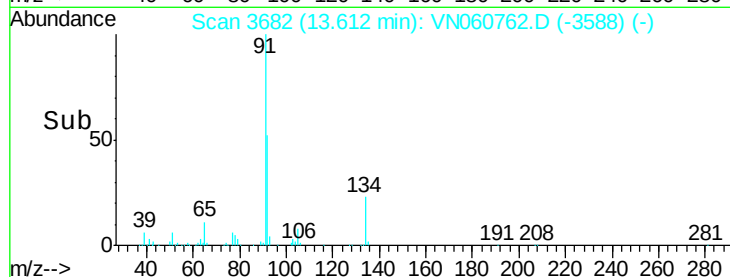
134 24.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN060762.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060762.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060762.D (-3667) (-)



#90

Hexachloroethane

Concen: 20.285 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060762.D

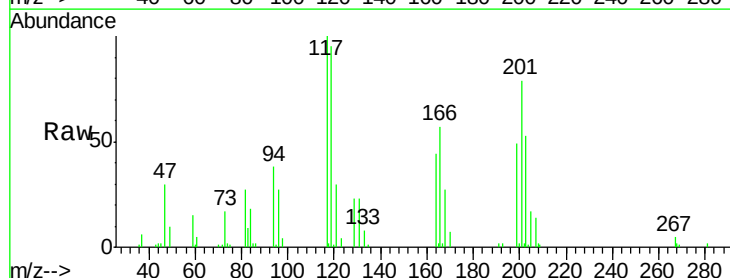
Acq: 30 Mar 2020 11:52

Tgt Ion: 117 Resp: 26986

Ion Ratio Lower Upper

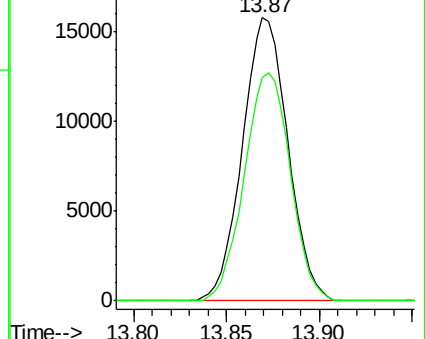
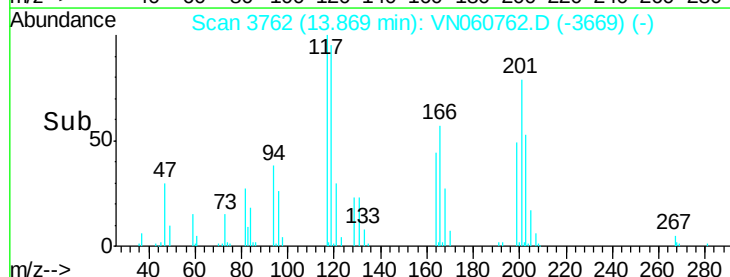
117 100

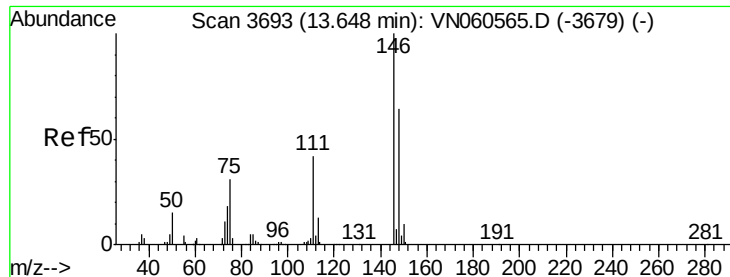
201 81.7 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060762.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN060762.D (-3669) (-)





#91

1,2-Dichlorobenzene

Concen: 19.570 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

Instrument :

MSVOA\_N

ClientSampled :

VN0330WBS01

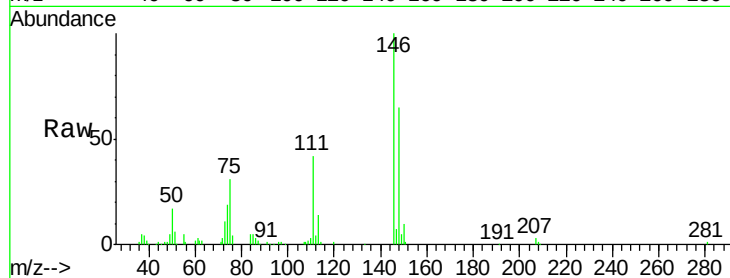
Tot Ion:146 Resp: 85564

Ion Ratio Lower Upper

146 100

111 42.2 21.0 63.0

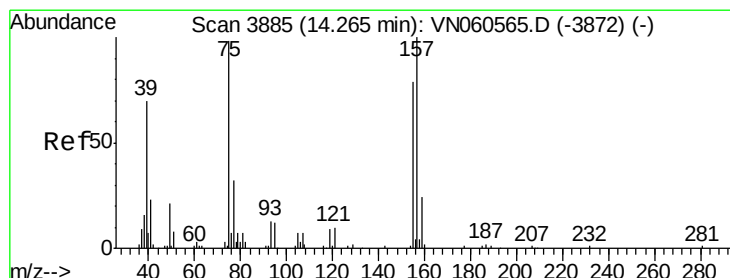
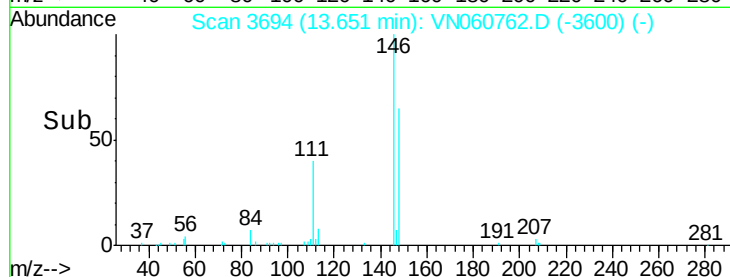
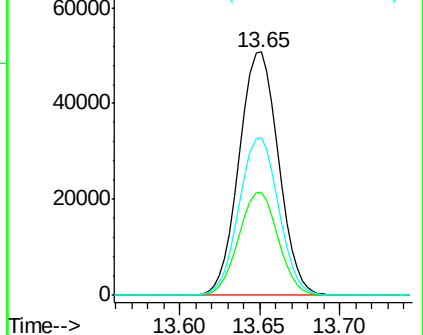
148 65.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.989 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060762.D

Acq: 30 Mar 2020 11:52

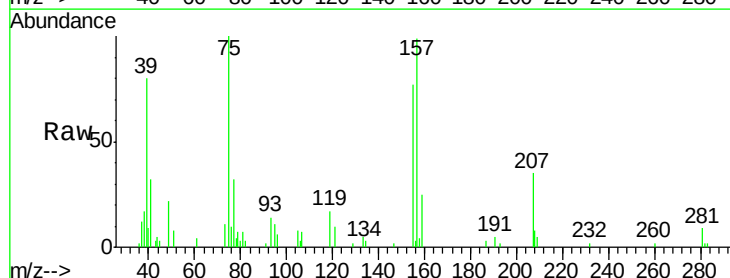
Tgt Ion: 75 Resp: 12376

Ion Ratio Lower Upper

75 100

155 77.6 40.7 122.1

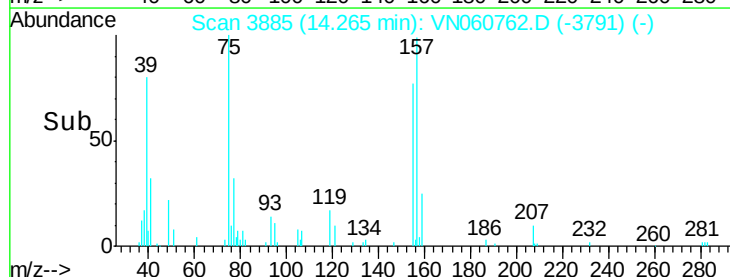
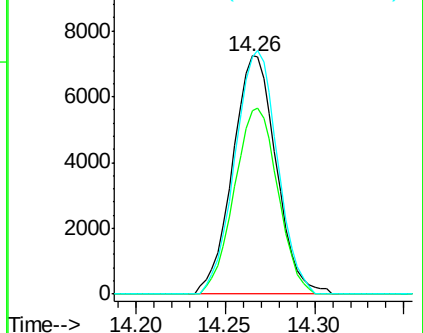
157 99.6 51.5 154.7

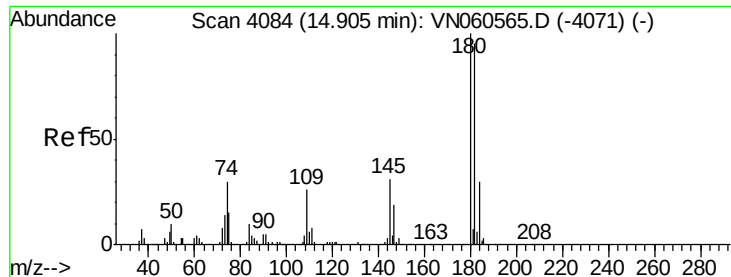


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

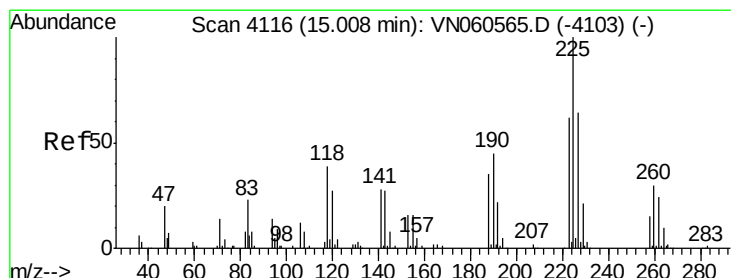
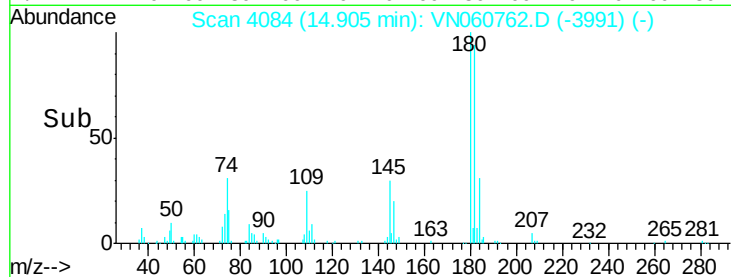
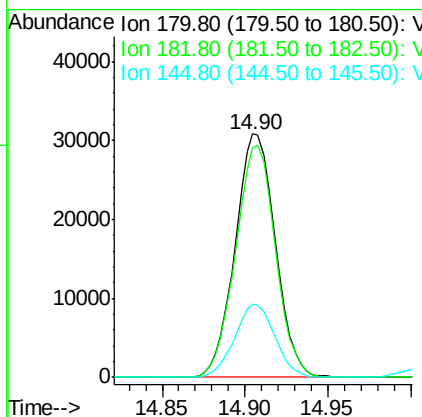
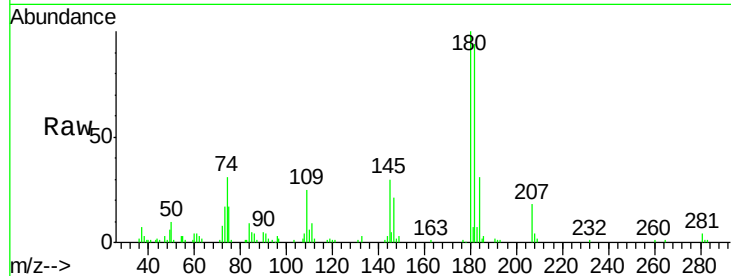




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.361 ug/l  
 RT: 14.90 min Scan# 4084  
 Delta R.T. -0.00 min  
 Lab File: VN060762.D  
 Acq: 30 Mar 2020 11:52

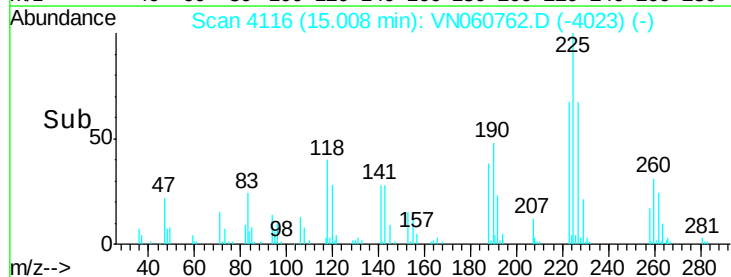
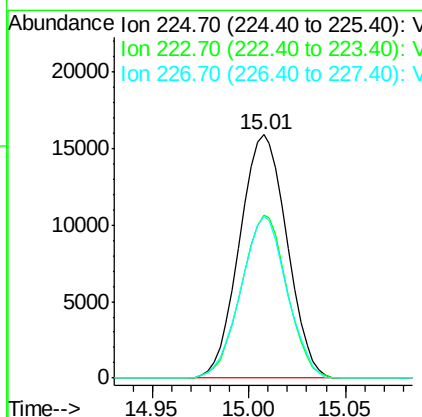
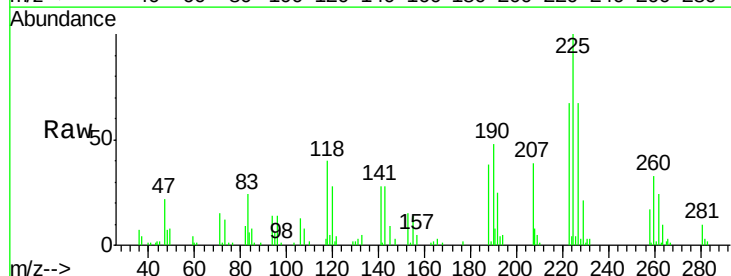
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0330WBS01

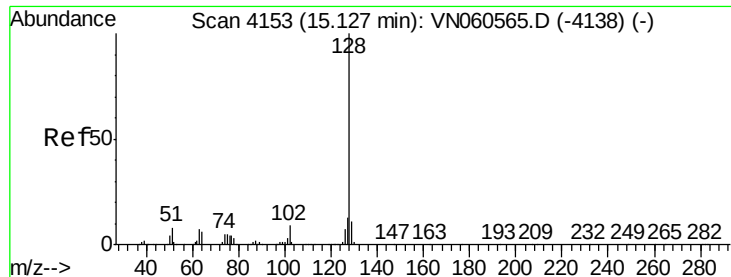
Tot Ion:180 Resp: 51985  
 Ion Ratio Lower Upper  
 180 100  
 182 94.5 47.9 143.8  
 145 29.9 15.4 46.2



#94  
 Hexachlorobutadiene  
 Concen: 20.588 ug/l  
 RT: 15.01 min Scan# 4116  
 Delta R.T. -0.00 min  
 Lab File: VN060762.D  
 Acq: 30 Mar 2020 11:52

Tgt Ion:225 Resp: 27099  
 Ion Ratio Lower Upper  
 225 100  
 223 64.7 31.6 95.0  
 227 64.4 32.3 96.8

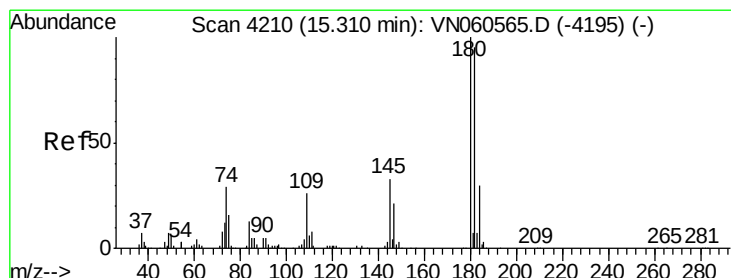
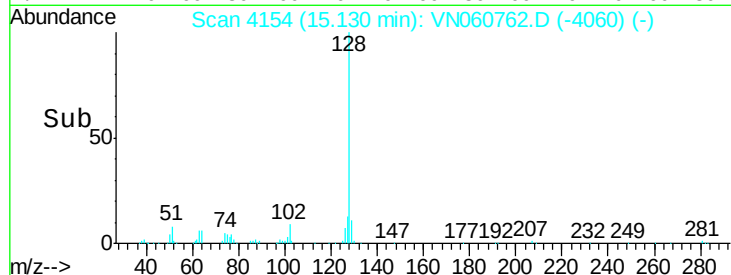
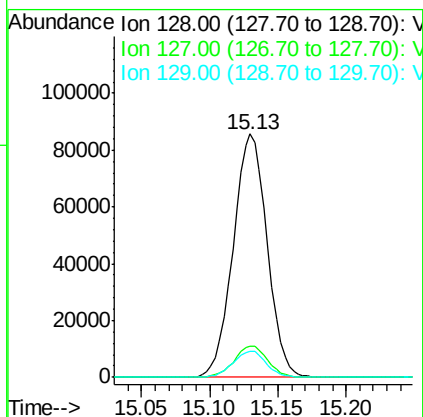
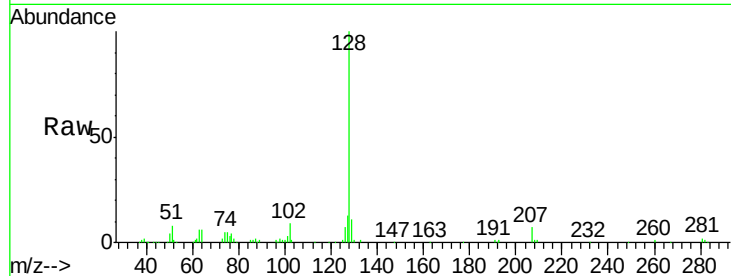




#95  
Naphthalene  
Concen: 18.280 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. 0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

Instrument :  
MSVOA\_N  
ClientSampled :  
VN0330WBS01

Tot Ion:128 Resp: 147630  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.2 15.2  
129 10.6 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 19.012 ug/l  
RT: 15.31 min Scan# 4210  
Delta R.T. -0.00 min  
Lab File: VN060762.D  
Acq: 30 Mar 2020 11:52

Tgt Ion:180 Resp: 50279  
Ion Ratio Lower Upper  
180 100  
182 95.1 47.5 142.6  
145 32.0 16.3 48.8

