

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\  
 Data File : VN061633.D  
 Acq On : 3 Jun 2020 13:06  
 Operator : JC/MD  
 Sample : VN0603MBSD01  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0603MBSD01

Quant Time: Jun 04 07:45:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 29 02:14:10 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.63  | 168  | 316996   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.55  | 114  | 539818   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.38 | 117  | 498054   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.32 | 152  | 245103   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.99   | 65  | 186458   | 49.37 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.74%  |      |
| 35) Dibromofluoromethane  | 7.55   | 113 | 139982   | 51.12 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.24% |      |
| 50) Toluene-d8            | 10.06  | 98  | 617423   | 48.65 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.30%  |      |
| 62) 4-Bromofluorobenzene  | 12.38  | 95  | 219295   | 47.37 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.74%  |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 71236  | 20.165  | ug/l | 98     |
| 3) Chloromethane              | 2.03 | 50  | 79156  | 20.473  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.16 | 62  | 106448 | 20.091  | ug/l | 99     |
| 5) Bromomethane               | 2.54 | 94  | 65404  | 21.513  | ug/l | 98     |
| 6) Chloroethane               | 2.67 | 64  | 69446  | 20.363  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 2.98 | 101 | 138679 | 20.297  | ug/l | 97     |
| 8) Diethyl Ether              | 3.37 | 74  | 40358  | 19.318  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.72 | 101 | 62535  | 20.626  | ug/l | 98     |
| 10) Methyl Iodide             | 3.91 | 142 | 85548  | 20.326  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 56418  | 112.306 | ug/l | 96     |
| 12) 1,1-Dichloroethene        | 3.70 | 96  | 64050  | 19.774  | ug/l | 94     |
| 13) Acrolein                  | 3.57 | 56  | 15110  | 83.409  | ug/l | 98     |
| 14) Allyl chloride            | 4.28 | 41  | 78273  | 18.484  | ug/l | 98     |
| 15) Acrylonitrile             | 4.93 | 53  | 135240 | 96.449  | ug/l | 99     |
| 16) Acetone                   | 3.78 | 43  | 111626 | 103.611 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.01 | 76  | 140682 | 19.741  | ug/l | 99     |
| 18) Methyl Acetate            | 4.28 | 43  | 65608  | 19.189  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 4.99 | 73  | 213044 | 19.298  | ug/l | 97     |
| 20) Methylene Chloride        | 4.50 | 84  | 70600  | 19.505  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 4.99 | 96  | 70033  | 19.172  | ug/l | 96     |
| 22) Diisopropyl ether         | 5.90 | 45  | 179555 | 19.238  | ug/l | 95     |
| 23) Vinyl Acetate             | 5.84 | 43  | 673195 | 90.496  | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 5.80 | 63  | 115690 | 19.547  | ug/l | 97     |
| 25) 2-Butanone                | 6.79 | 43  | 168819 | 94.316  | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 6.78 | 77  | 110093 | 20.324  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.78 | 96  | 84515  | 20.432  | ug/l | 99     |
| 28) Bromochloromethane        | 7.15 | 49  | 46709  | 20.191  | ug/l | 96     |
| 29) Tetrahydrofuran           | 7.17 | 42  | 110822 | 93.892  | ug/l | 97     |
| 30) Chloroform                | 7.33 | 83  | 131633 | 20.104  | ug/l | 98     |
| 31) Cyclohexane               | 7.61 | 56  | 100548 | 18.890  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 7.53 | 97  | 118456 | 19.854  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 7.75 | 75  | 92082  | 19.269  | ug/l | 99     |
| 37) Ethyl Acetate             | 6.88 | 43  | 73812  | 19.177  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 7.73 | 117 | 93705  | 20.329  | ug/l | 99     |

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 Data File : VN061633.D  
 Acq On : 3 Jun 2020 13:06  
 Operator : JC/MD  
 Sample : VN0603MBSD01  
 Misc : 5.00µL/100µL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleID :  
 VN0603MBSD01

Quant Time: Jun 04 07:45:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri May 29 02:14:10 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.05  | 83   | 106393   | 18.063  | ug/l   | 97       |
| 40) Benzene                    | 8.00  | 78   | 286852   | 19.454  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.12  | 41   | 30409    | 17.244  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 8.09  | 62   | 96376    | 19.524  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.13  | 43   | 123093   | 17.776  | ug/l   | 97       |
| 44) Trichloroethene            | 8.80  | 130  | 89054    | 19.653  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.09  | 63   | 68283    | 19.503  | ug/l   | 97       |
| 46) Dibromomethane             | 9.18  | 93   | 52062    | 19.388  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.37  | 83   | 101780   | 19.131  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.17  | 41   | 53750    | 17.252  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.17  | 88   | 23652    | 490.040 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.95  | 43   | 361037   | 92.519  | ug/l   | 98       |
| 52) Toluene                    | 10.13 | 92   | 191731   | 19.923  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.35 | 75   | 106975   | 18.666  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.81  | 75   | 117863   | 19.127  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.54 | 97   | 75776    | 19.764  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 10.40 | 69   | 100756   | 18.812  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.68 | 76   | 120515   | 19.653  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.66  | 63   | 187612   | 81.968  | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.72 | 43   | 257764   | 91.976  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.87 | 129  | 84707    | 19.433  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 10.98 | 107  | 78892    | 19.729  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.60 | 164  | 95878    | 20.451  | ug/l   | 99       |
| 65) Chlorobenzene              | 11.41 | 112  | 210196   | 20.303  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.48 | 131  | 77997    | 20.234  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.48 | 91   | 358401   | 20.030  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.60 | 106  | 281098   | 39.620  | ug/l   | 100      |
| 69) o-Xylene                   | 11.92 | 106  | 137220   | 20.363  | ug/l   | 98       |
| 70) Styrene                    | 11.94 | 104  | 220828   | 19.788  | ug/l   | 99       |
| 71) Bromoform                  | 12.10 | 173  | 55859    | 18.805  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.22 | 105  | 359679   | 20.106  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.05 | 43   | 102408   | 18.178  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.48 | 83   | 93040    | 18.559  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 12.53 | 75   | 122700   | 27.530  | ug/l # | 100      |
| 77) Bromobenzene               | 12.50 | 156  | 92102    | 20.170  | ug/l   | 96       |
| 78) n-propylbenzene            | 12.57 | 91   | 390881   | 19.572  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.65 | 91   | 230542   | 19.359  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.71 | 105  | 294614   | 19.704  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.27 | 75   | 30893    | 17.726  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.75 | 91   | 238748   | 19.057  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.97 | 119  | 252297   | 19.098  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.01 | 105  | 297032   | 19.997  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.15 | 105  | 329463   | 19.354  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.26 | 119  | 302474   | 19.294  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.26 | 146  | 160178   | 19.809  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.34 | 146  | 157906   | 19.169  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.59 | 91   | 238151   | 18.137  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 37364    | 21.551  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.63 | 146  | 157447   | 20.375  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.25 | 75   | 17752    | 17.363  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN060320\  
Data File : VN061633.D  
Acq On : 3 Jun 2020 13:06  
Operator : JC/MD  
Sample : VN0603MBSD01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 8 Sample Multiplier: 1

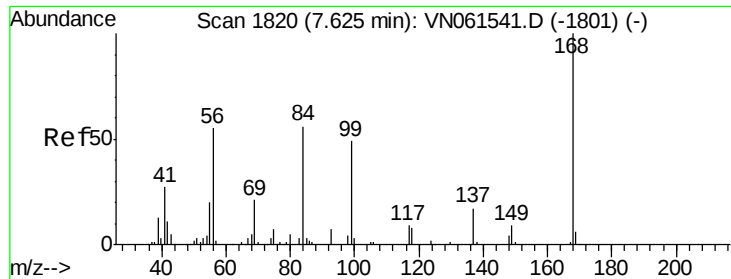
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBSD01

Quant Time: Jun 04 07:45:32 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N052820W.M  
Quant Title : SW846 8260  
QLast Update : Fri May 29 02:14:10 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.89 | 180  | 84427    | 18.681 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.99 | 225  | 35056    | 18.188 | ug/l  | 100      |
| 95) Naphthalene            | 15.10 | 128  | 255975   | 18.608 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.28 | 180  | 85117    | 19.155 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

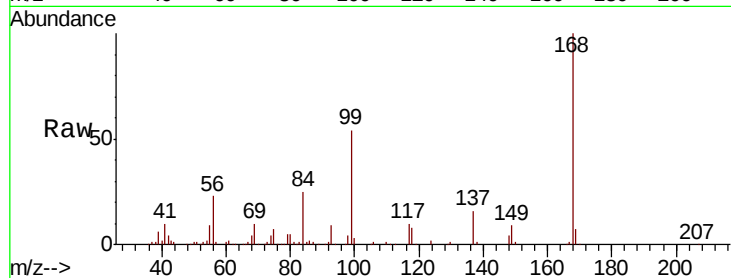
VN0603MBSD01

Tot Ion:168 Resp: 316996

Ion Ratio Lower Upper

168 100

99 53.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

150000

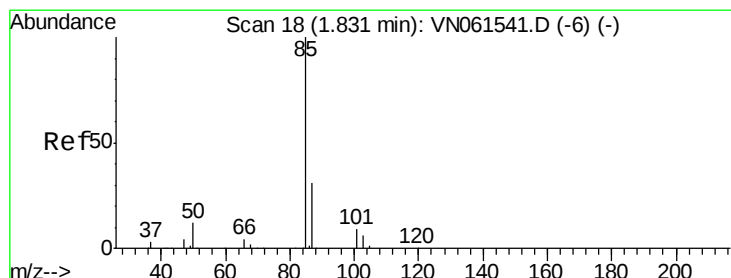
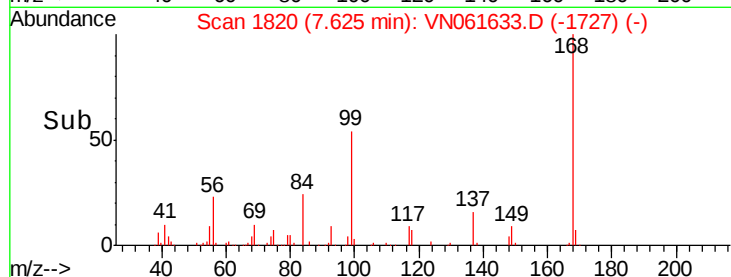
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.165 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061633.D

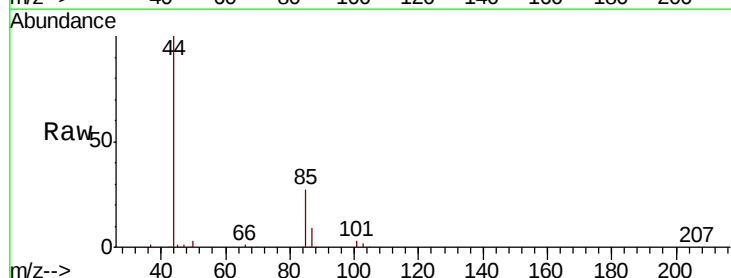
Acq: 3 Jun 2020 13:06

Tgt Ion: 85 Resp: 71236

Ion Ratio Lower Upper

85 100

87 32.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

50000

40000

30000

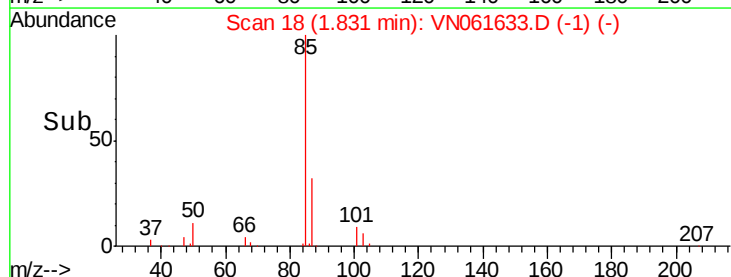
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10000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 20.473 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

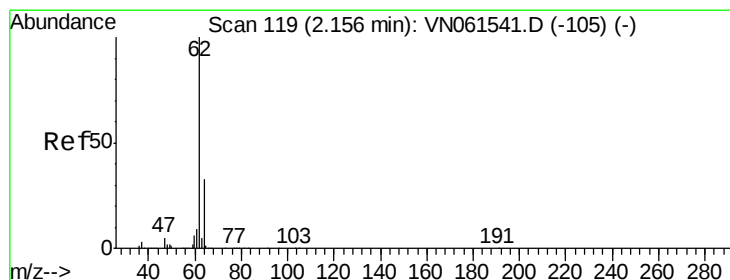
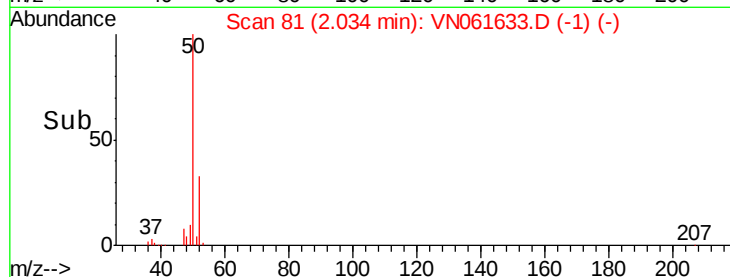
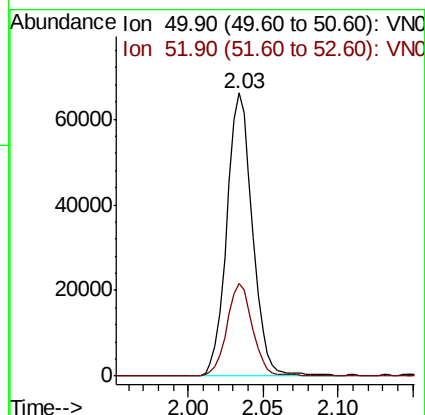
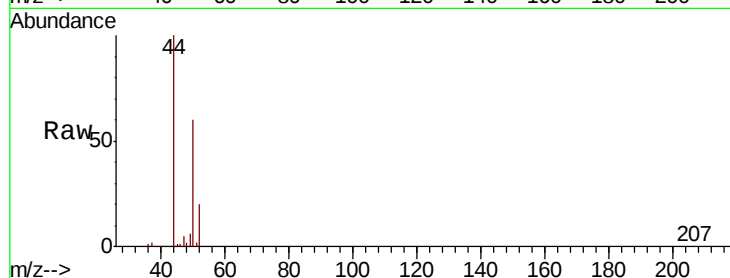
VN0603MBS01

Tot Ion: 50 Resp: 79156

Ion Ratio Lower Upper

50 100

52 32.6 26.7 40.1



#4

Vinyl Chloride

Concen: 20.091 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061633.D

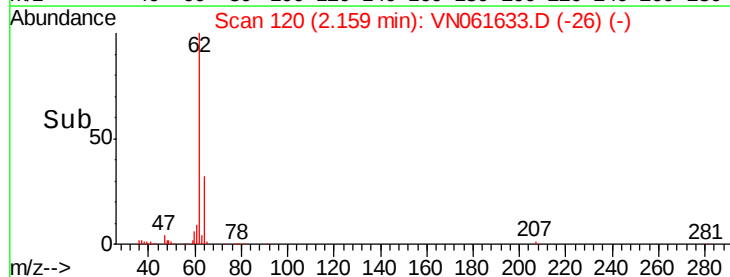
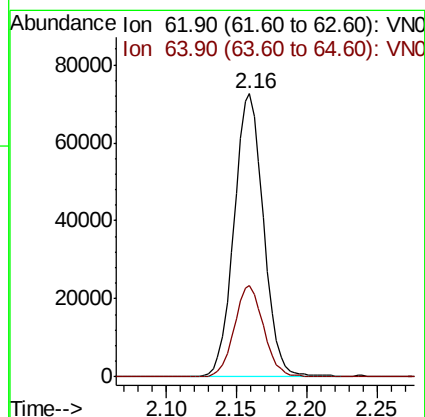
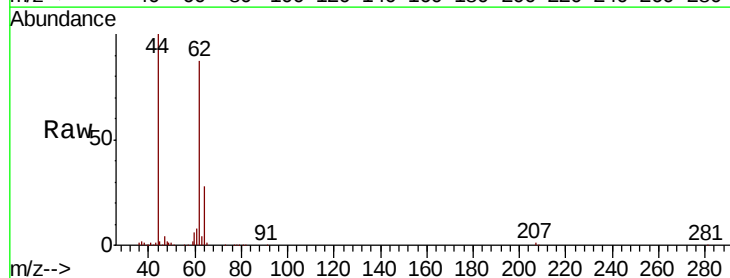
Acq: 3 Jun 2020 13:06

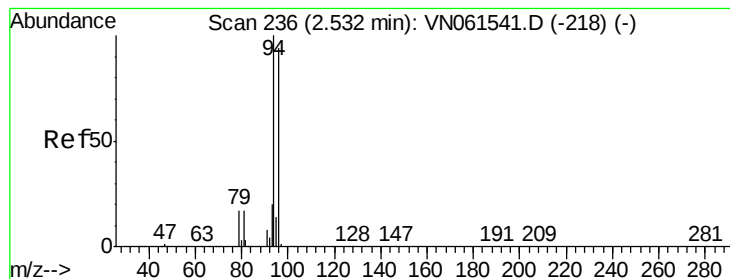
Tgt Ion: 62 Resp: 106448

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.2





#5

Bromomethane

Concen: 21.513 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

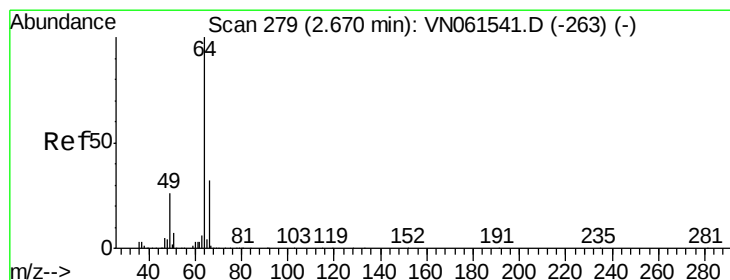
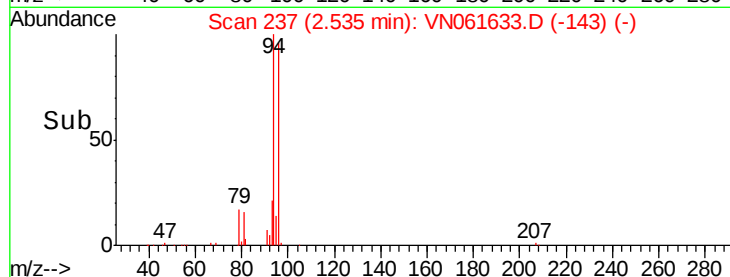
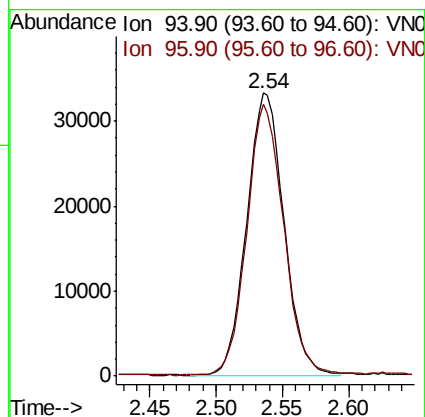
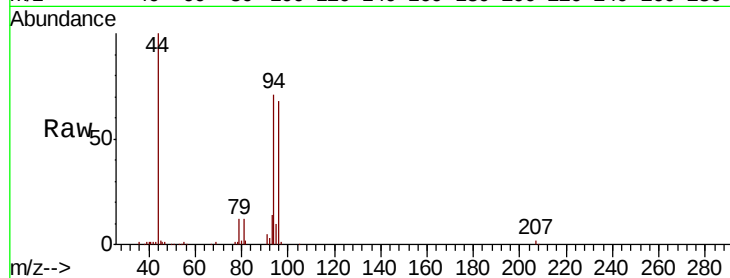
VN0603MBSD01

Tot Ion: 94 Resp: 65404

Ion Ratio Lower Upper

94 100

96 95.4 74.8 112.2



#6

Chloroethane

Concen: 20.363 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061633.D

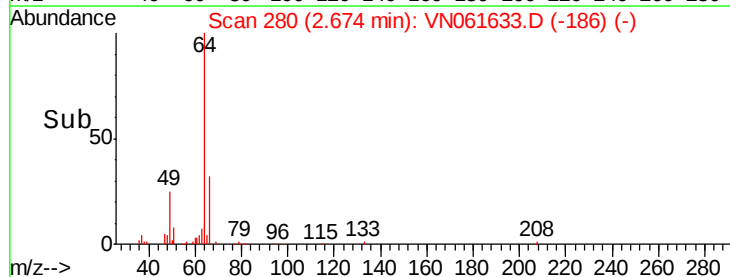
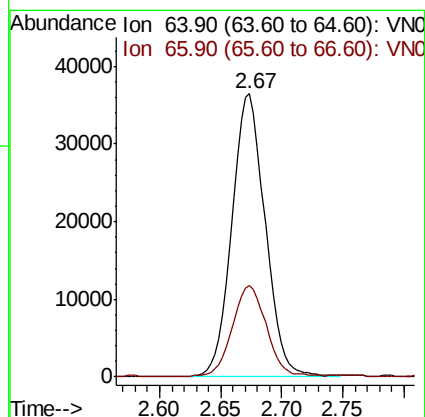
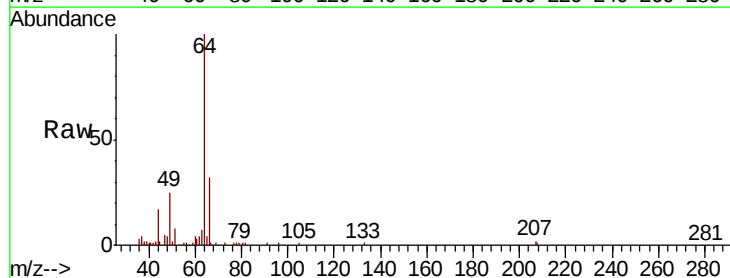
Acq: 3 Jun 2020 13:06

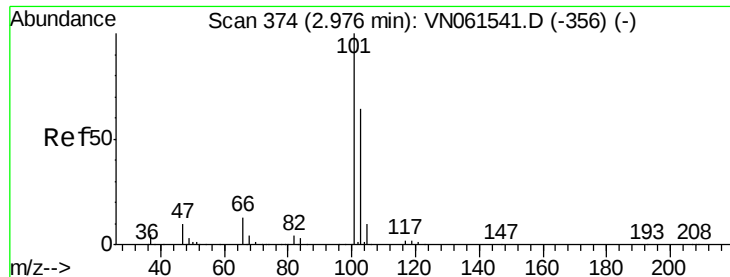
Tgt Ion: 64 Resp: 69446

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4



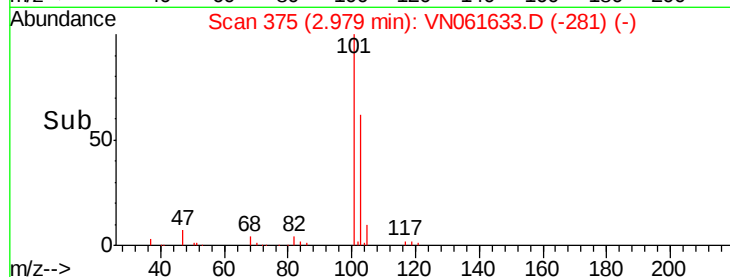
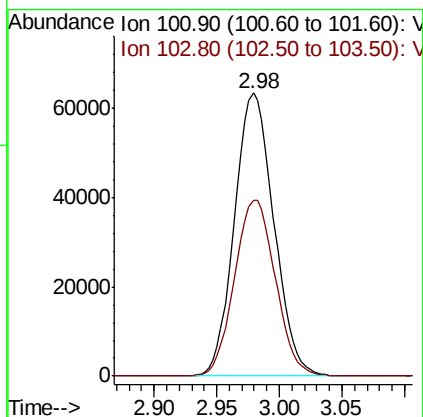
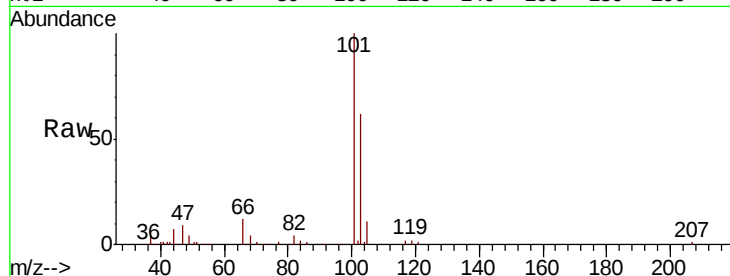


#7

Trichlorofluoromethane  
Concen: 20.297 ug/l  
RT: 2.98 min Scan# 375  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBSD01

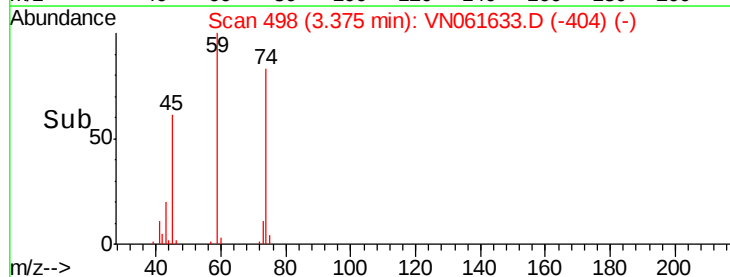
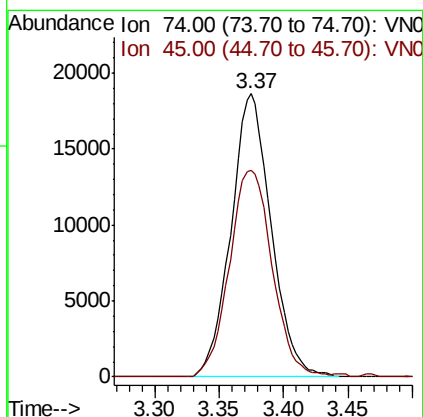
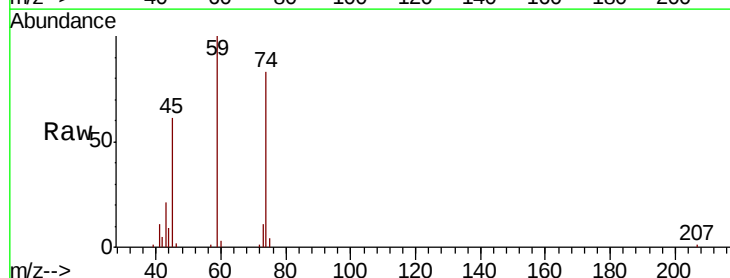
Tot Ion:101 Resp: 138679  
Ion Ratio Lower Upper  
101 100  
103 62.3 51.4 77.2

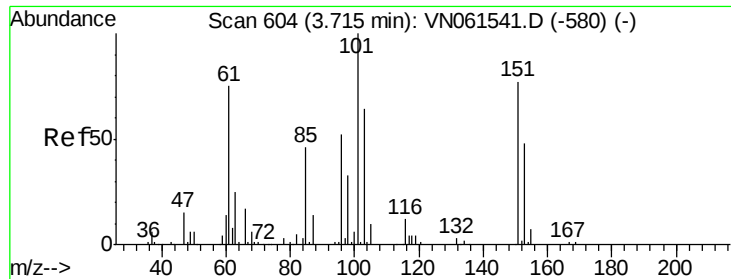


#8

Diethyl Ether  
Concen: 19.318 ug/l  
RT: 3.37 min Scan# 498  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion: 74 Resp: 40358  
Ion Ratio Lower Upper  
74 100  
45 77.7 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.626 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0603MBSD01

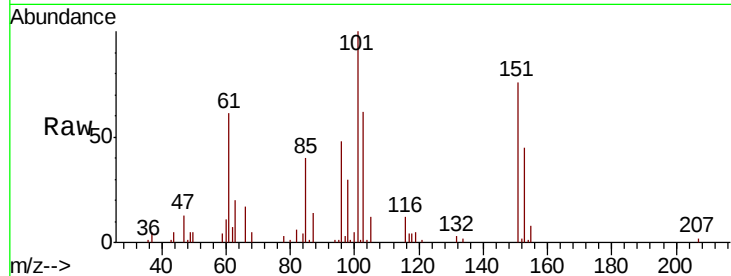
Tot Ion:101 Resp: 62535

Ion Ratio Lower Upper

101 100

85 40.5 35.2 52.8

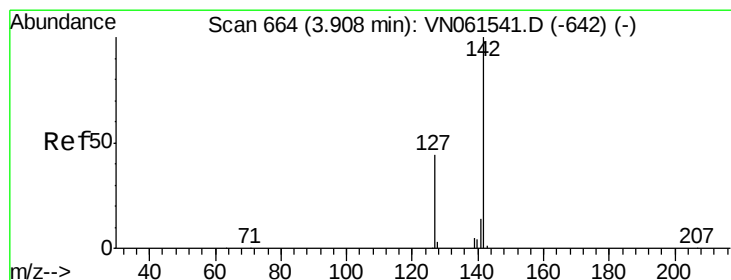
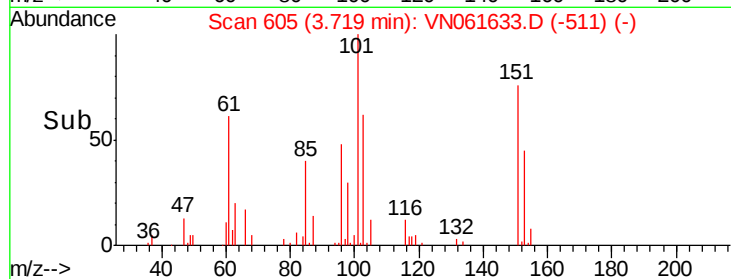
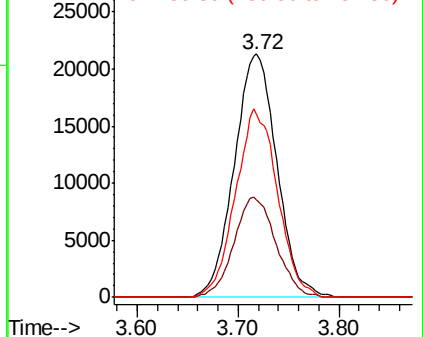
151 76.2 61.0 91.6



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: 20.326 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

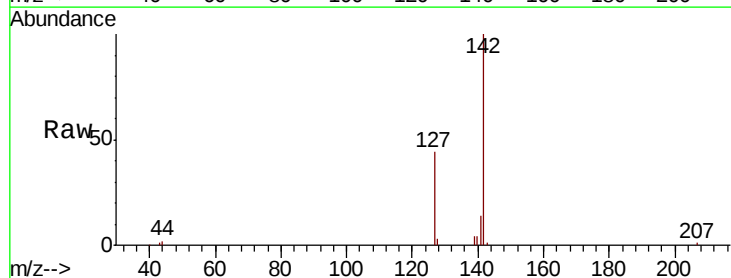
Tgt Ion:142 Resp: 85548

Ion Ratio Lower Upper

142 100

127 44.0 35.5 53.3

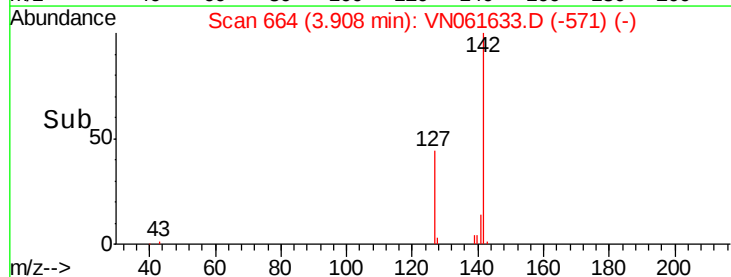
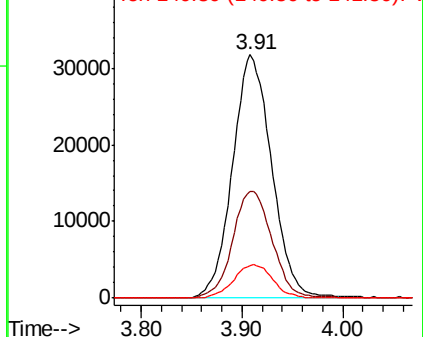
141 13.7 11.5 17.3



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



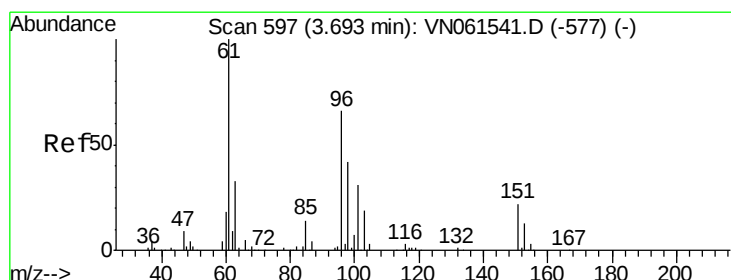
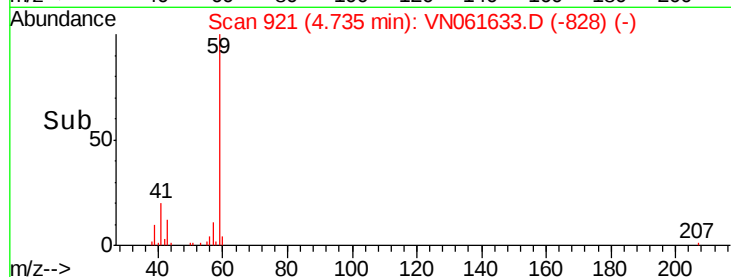
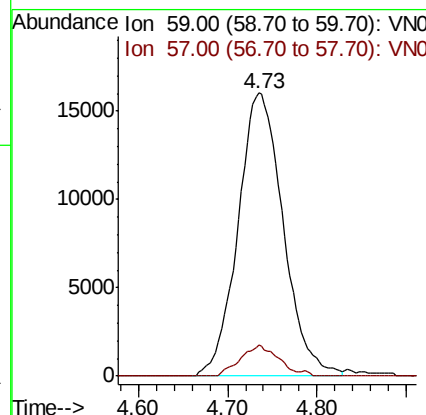
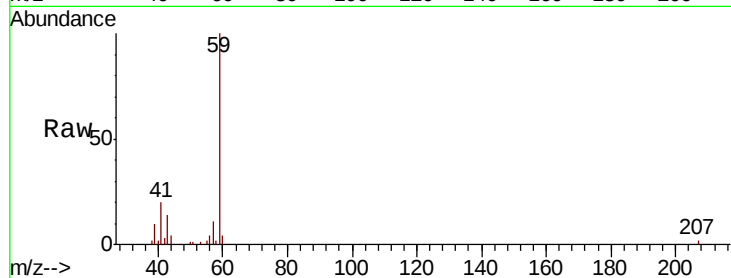


#11

Tert butyl alcohol  
 Concen: 112.306 ug/l  
 RT: 4.73 min Scan# 921  
 Delta R.T. 0.00 min  
 Lab File: VN061633.D  
 Acq: 3 Jun 2020 13:06

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0603MBSD01

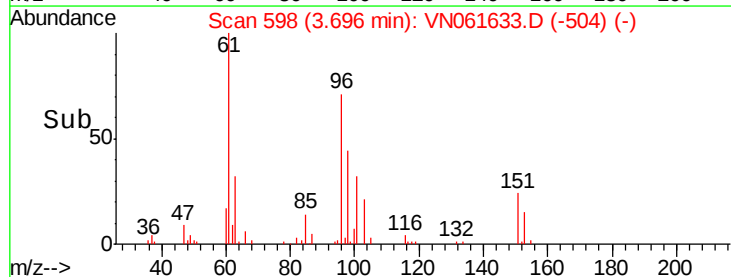
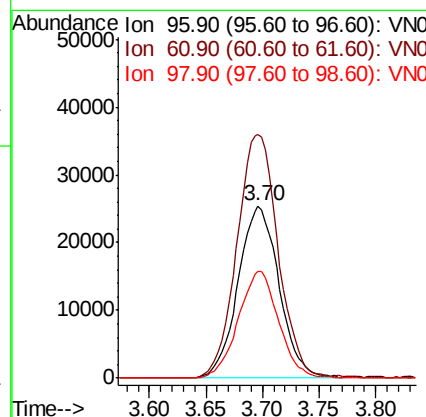
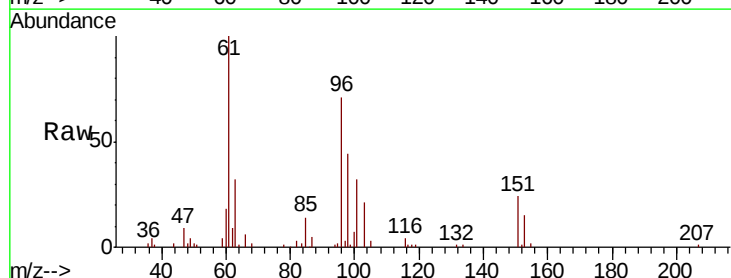
Tot Ion: 59 Resp: 56418  
 Ion Ratio Lower Upper  
 59 100  
 57 9.0 8.4 12.6

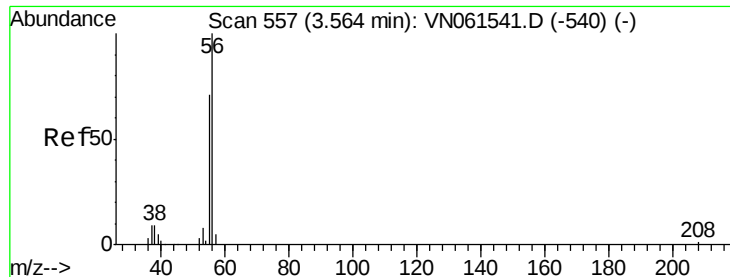


#12

1,1-Dichloroethene  
 Concen: 19.774 ug/l  
 RT: 3.70 min Scan# 597  
 Delta R.T. 0.00 min  
 Lab File: VN061633.D  
 Acq: 3 Jun 2020 13:06

Tgt Ion: 96 Resp: 64050  
 Ion Ratio Lower Upper  
 96 100  
 61 141.3 120.5 180.7  
 98 62.1 50.8 76.2





#13

Acrolein

Concen: 83.409 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.01 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

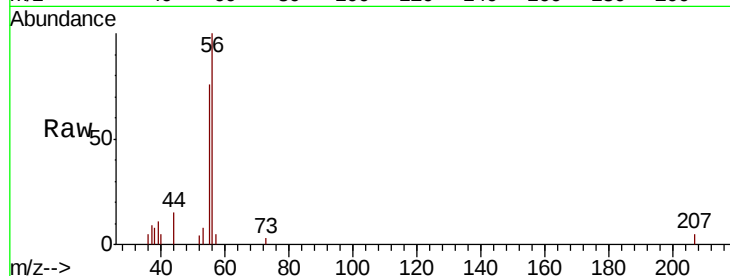
VN0603MBSD01

Tot Ion: 56 Resp: 15110

Ion Ratio Lower Upper

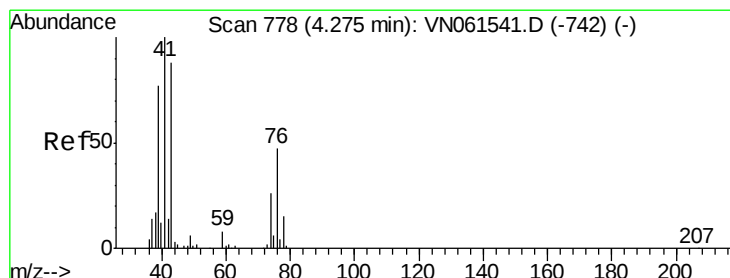
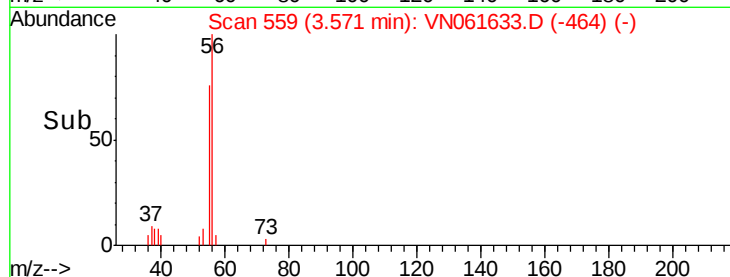
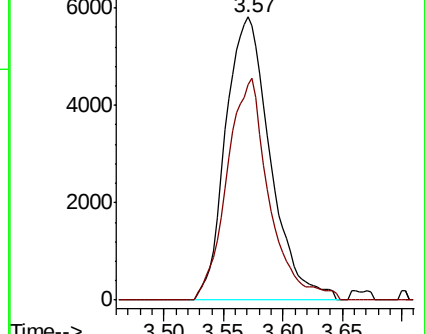
56 100

55 73.9 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061541.D (-540) (-)



#14

Allyl chloride

Concen: 18.484 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

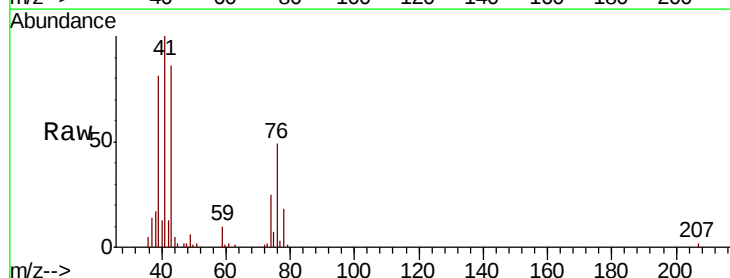
Tgt Ion: 41 Resp: 78273

Ion Ratio Lower Upper

41 100

39 74.1 58.6 88.0

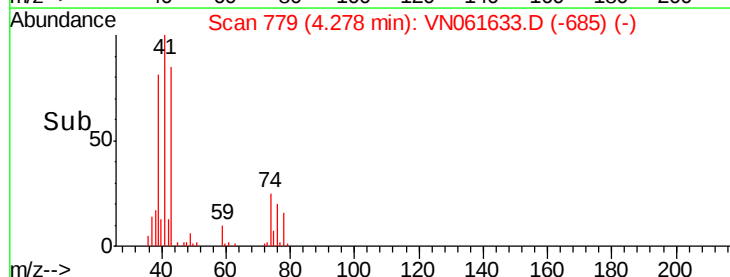
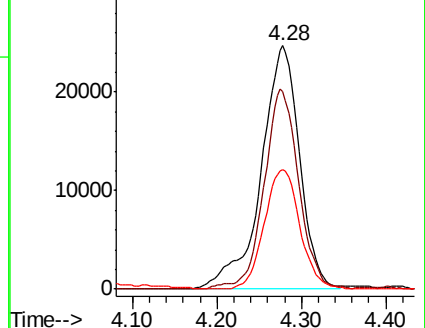
76 45.4 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-742) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-742) (-)

Ion 75.90 (75.60 to 76.60): VN061541.D (-742) (-)





#15

Acrylonitrile

Concen: 96.449 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.01 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleID :

VN0603MBSD01

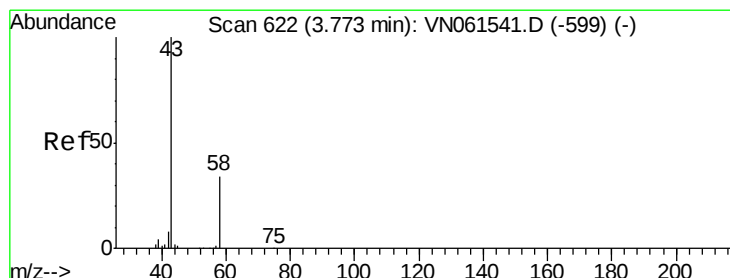
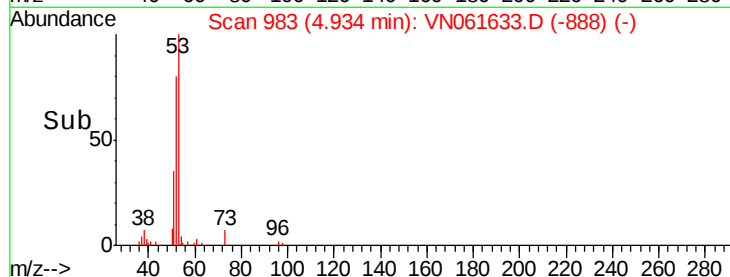
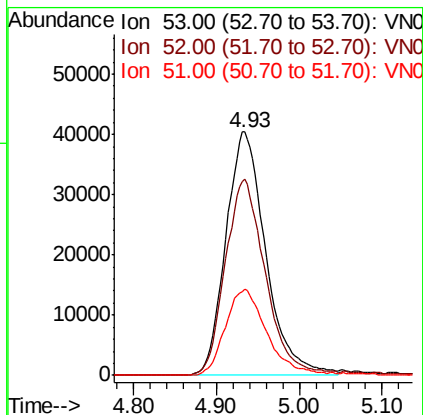
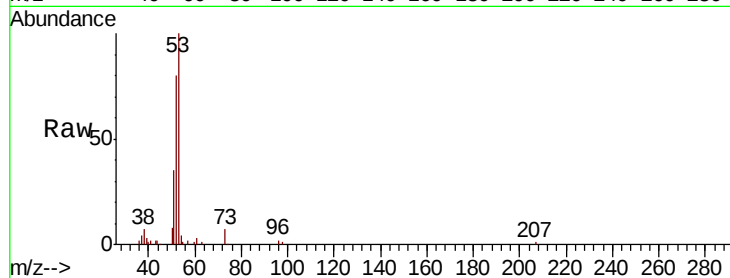
Tot Ion: 53 Resp: 135240

Ion Ratio Lower Upper

53 100

52 81.1 65.4 98.2

51 36.9 29.0 43.6



#16

Acetone

Concen: 103.611 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061633.D

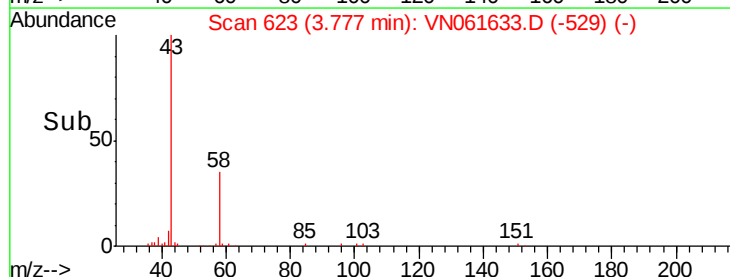
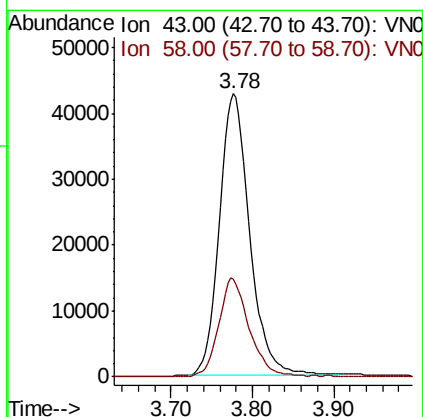
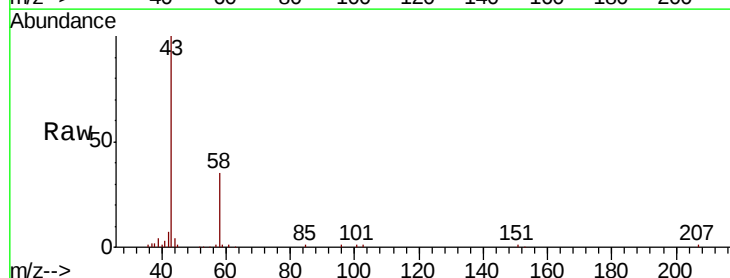
Acq: 3 Jun 2020 13:06

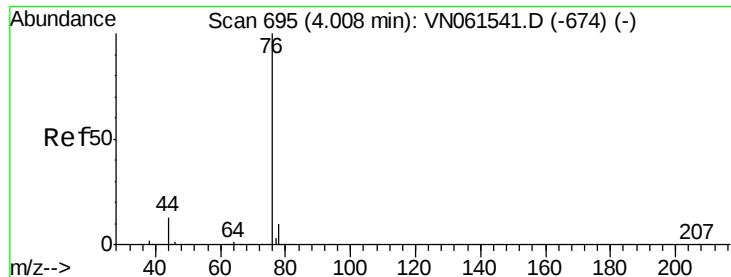
Tgt Ion: 43 Resp: 111626

Ion Ratio Lower Upper

43 100

58 34.8 27.2 40.8





#17

Carbon Disulfide

Concen: 19.741 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

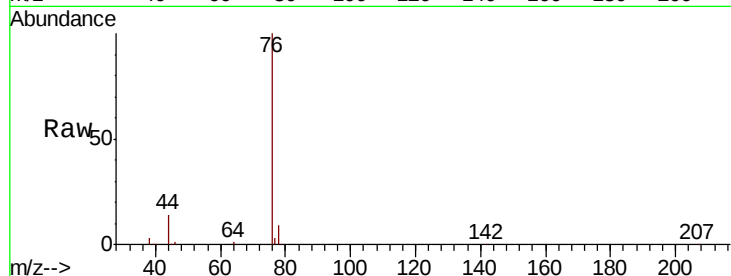
VN0603MBS01

Tot Ion: 76 Resp: 140682

Ion Ratio Lower Upper

76 100

78 9.5 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VN061541.D (-674) (-)

Ion 77.90 (77.60 to 78.60): VN061541.D (-674) (-)

4.01

60000

50000

40000

30000

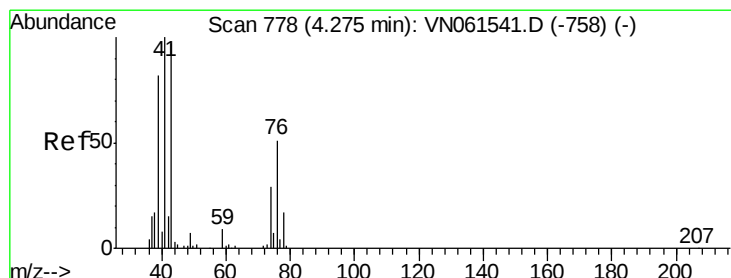
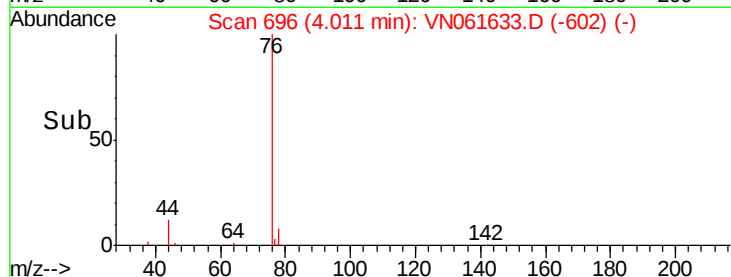
20000

10000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 19.189 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN061633.D

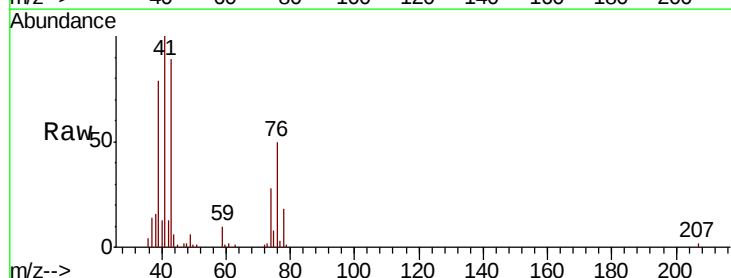
Acq: 3 Jun 2020 13:06

Tgt Ion: 43 Resp: 65608

Ion Ratio Lower Upper

43 100

74 29.1 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN061541.D (-758) (-)

4.28

25000

20000

15000

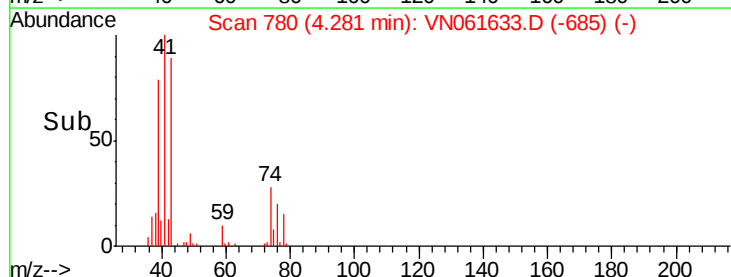
10000

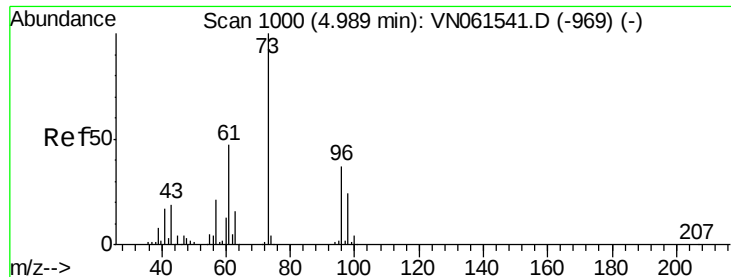
5000

0

Time-->

4.20 4.30 4.40

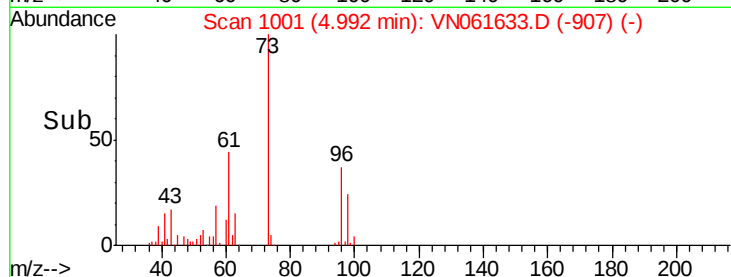
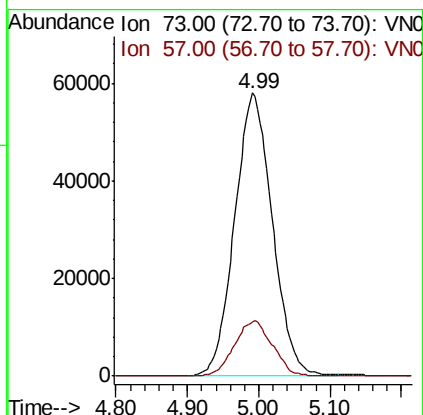
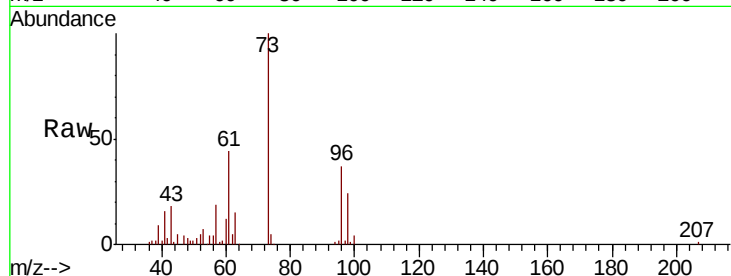




#19  
Methvl tert-butvl Ether  
Concen: 19.298 ug/l  
RT: 4.99 min Scan# 1001  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

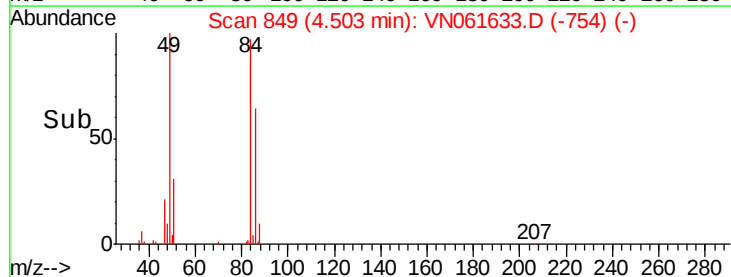
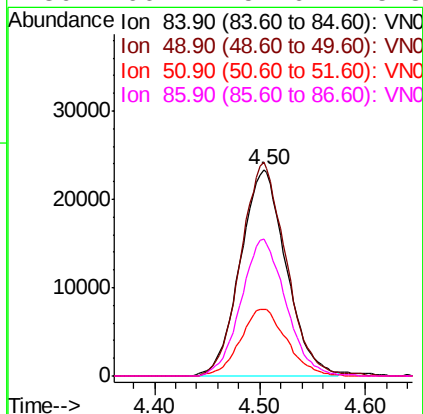
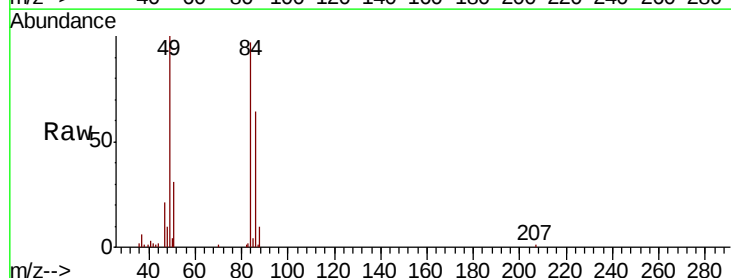
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBS01

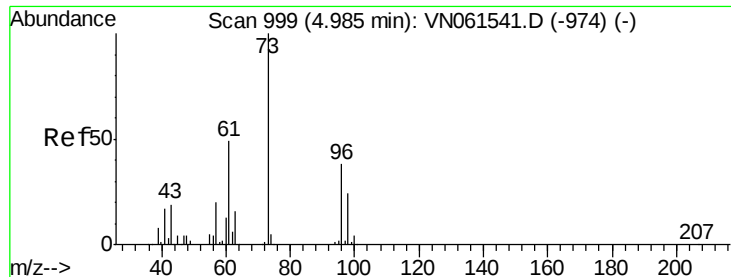
Tot Ion: 73 Resp: 213044  
Ion Ratio Lower Upper  
73 100  
57 19.3 16.4 24.6



#20  
Methylene Chloride  
Concen: 19.505 ug/l  
RT: 4.50 min Scan# 849  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion: 84 Resp: 70600  
Ion Ratio Lower Upper  
84 100  
49 103.3 85.8 128.8  
51 32.5 26.2 39.2  
86 66.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 19.172 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampled :

VN0603MBSD01

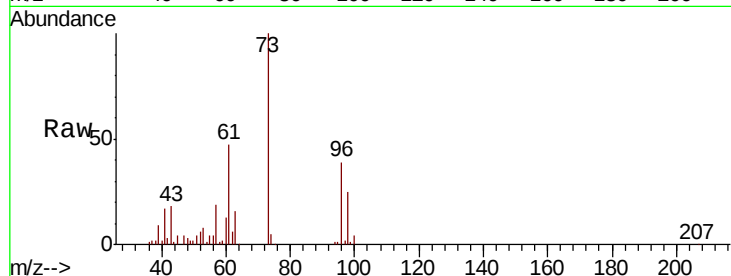
Tot Ion: 96 Resp: 70033

Ion Ratio Lower Upper

96 100

61 120.4 101.4 152.0

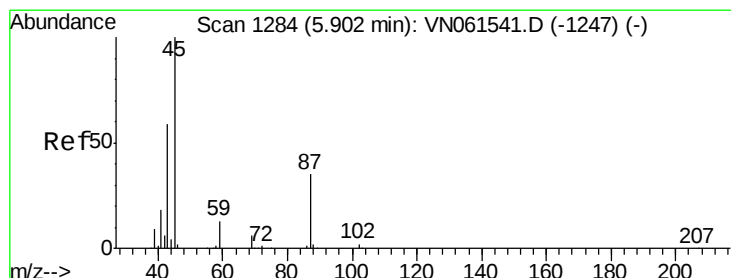
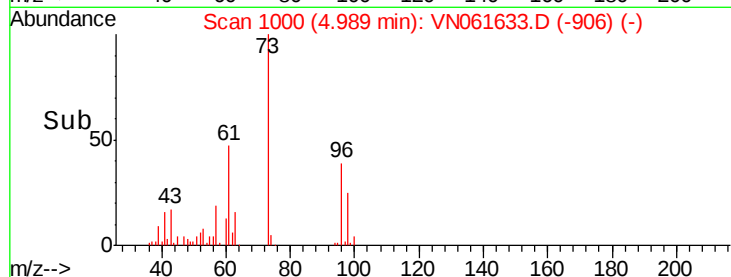
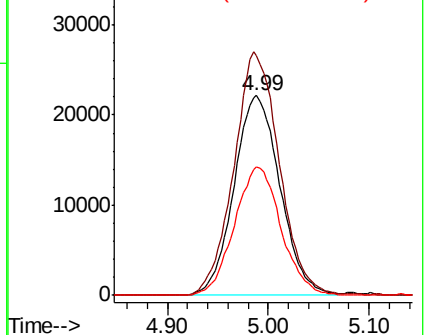
98 64.1 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061541.D (-974) (-)

Ion 60.90 (60.60 to 61.60): VN061541.D (-974) (-)

Ion 97.90 (97.60 to 98.60): VN061541.D (-974) (-)



#22

Diisopropyl ether

Concen: 19.238 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Tgt Ion: 45 Resp: 179555

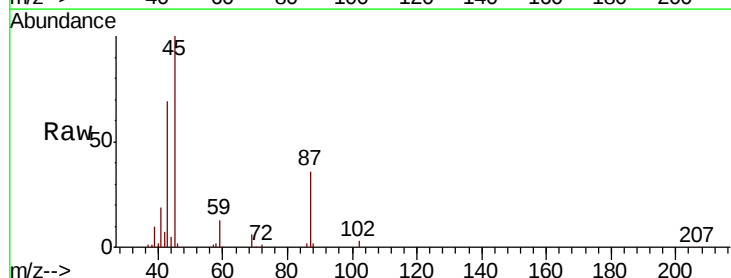
Ion Ratio Lower Upper

45 100

43 66.4 47.9 71.9

87 35.5 28.4 42.6

59 12.9 10.5 15.7

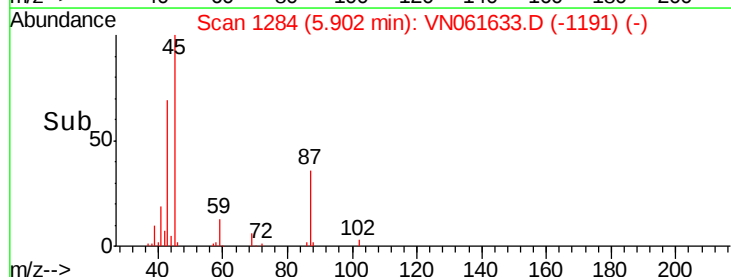
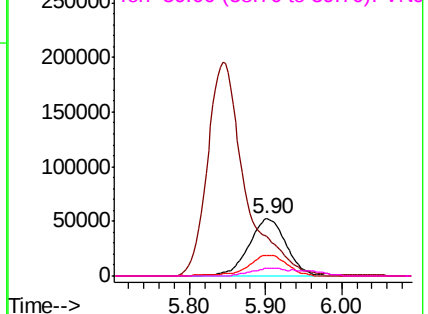


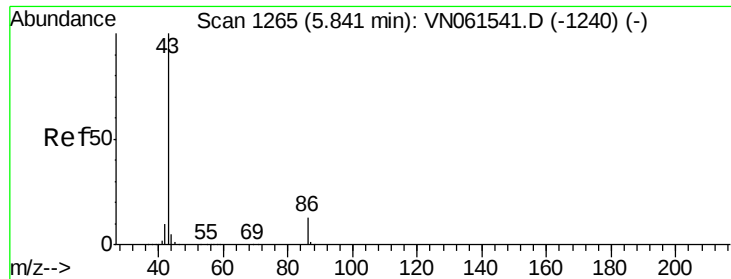
Abundance Ion 45.00 (44.70 to 45.70): VN061541.D (-1247) (-)

Ion 43.00 (42.70 to 43.70): VN061541.D (-1247) (-)

Ion 87.00 (86.70 to 87.70): VN061541.D (-1247) (-)

Ion 59.00 (58.70 to 59.70): VN061541.D (-1247) (-)

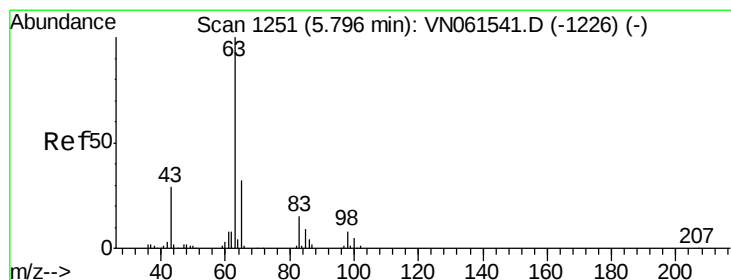
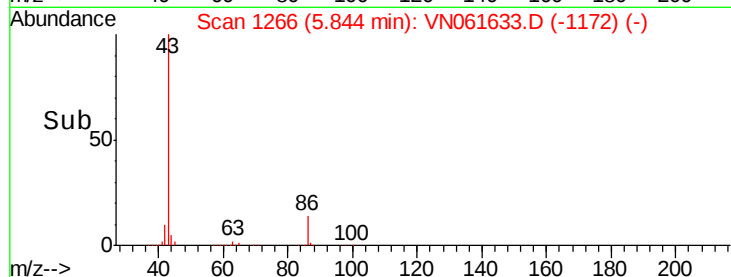
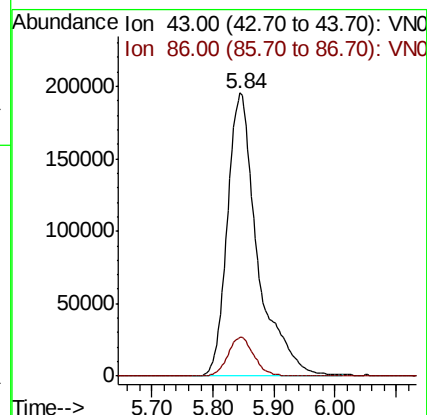
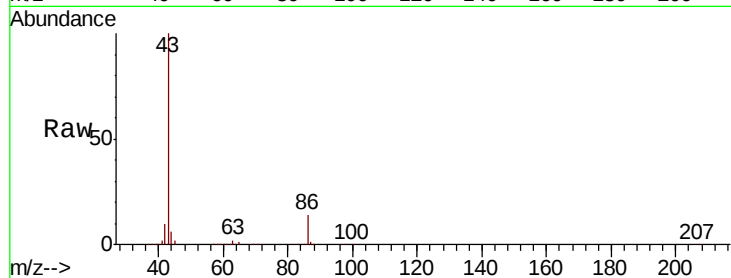




#23  
 Vinyl Acetate  
 Concen: 90.496 ug/l  
 RT: 5.84 min Scan# 1266  
 Delta R.T. 0.00 min  
 Lab File: VN061633.D  
 Acq: 3 Jun 2020 13:06

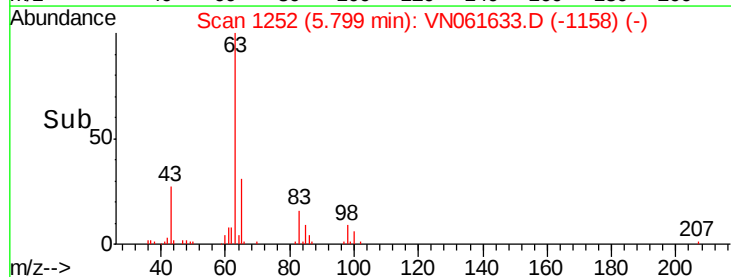
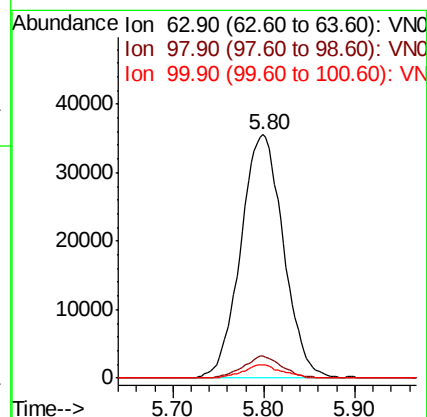
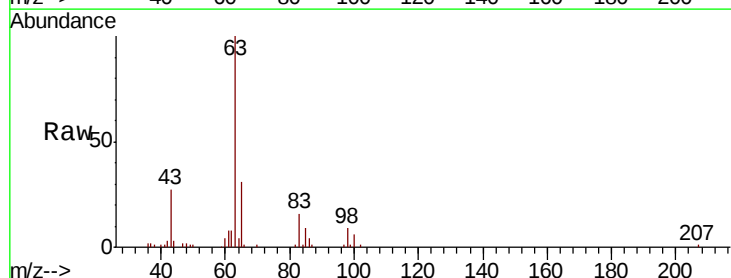
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0603MBSD01

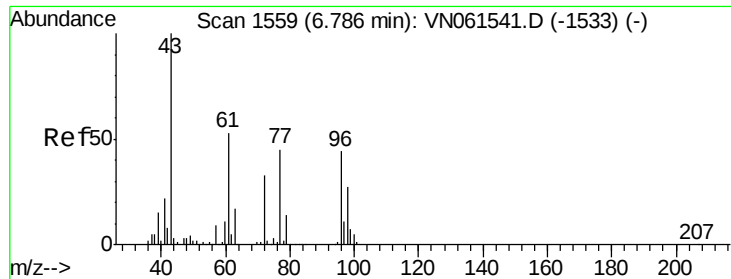
Tot Ion: 43 Resp: 673195  
 Ion Ratio Lower Upper  
 43 100  
 86 13.7 10.6 16.0



#24  
 1,1-Dichloroethane  
 Concen: 19.547 ug/l  
 RT: 5.80 min Scan# 1252  
 Delta R.T. 0.00 min  
 Lab File: VN061633.D  
 Acq: 3 Jun 2020 13:06

Tgt Ion: 63 Resp: 115690  
 Ion Ratio Lower Upper  
 63 100  
 98 8.9 3.8 11.4  
 100 5.6 2.5 7.6

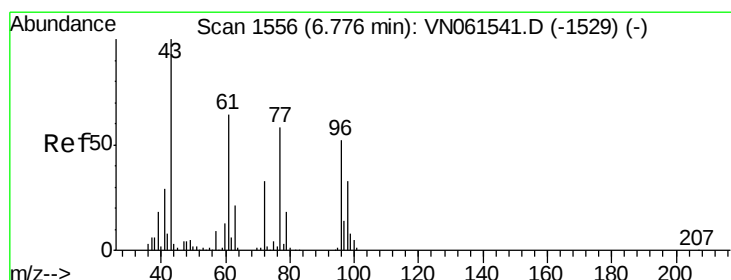
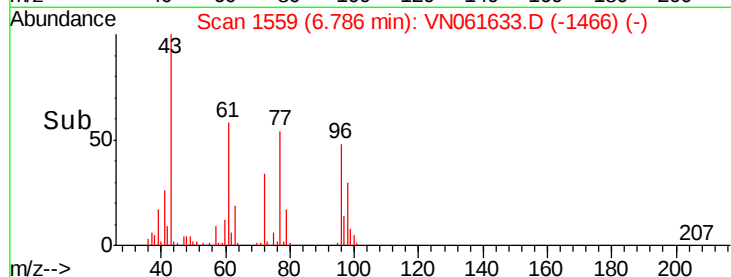
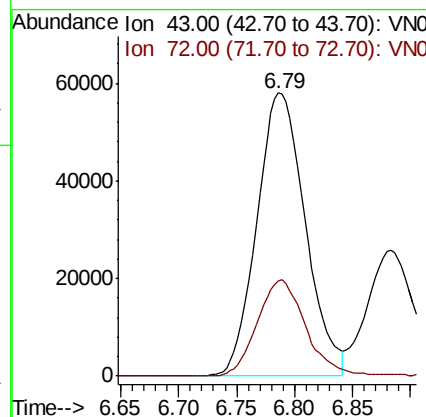
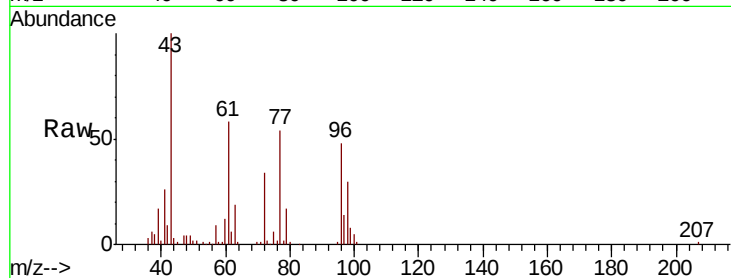




#25  
2-Butanone  
Concen: 94.316 ug/l  
RT: 6.79 min Scan# 1559  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

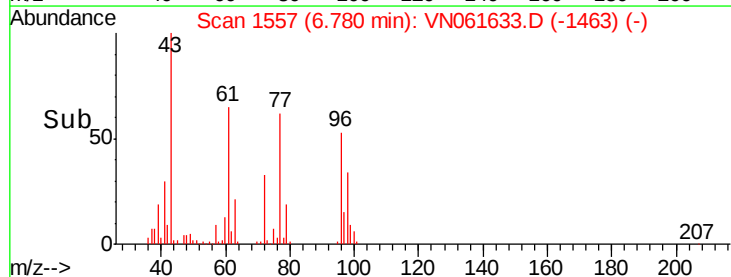
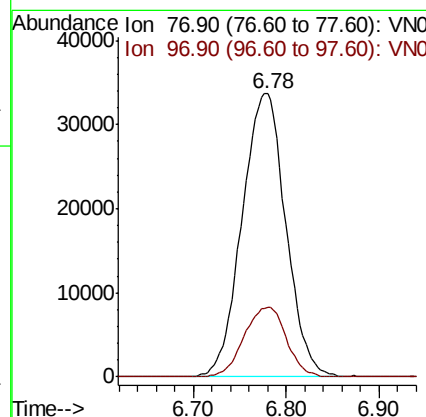
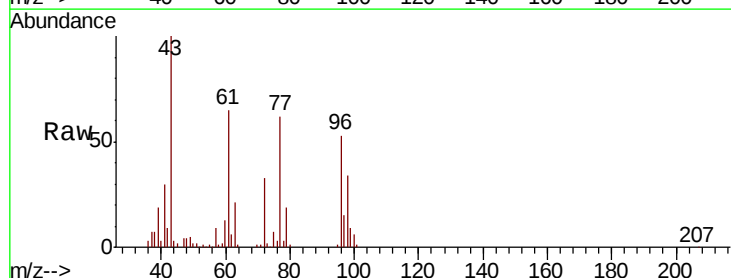
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBS01

Tot Ion: 43 Resp: 168819  
Ion Ratio Lower Upper  
43 100  
72 33.5 26.0 39.0



#26  
2,2-Dichloropropane  
Concen: 20.324 ug/l  
RT: 6.78 min Scan# 1557  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion: 77 Resp: 110093  
Ion Ratio Lower Upper  
77 100  
97 23.7 12.0 36.0

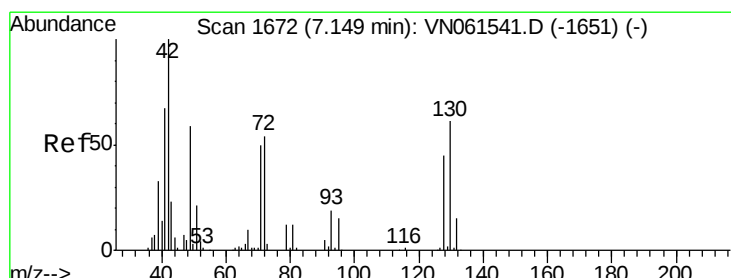
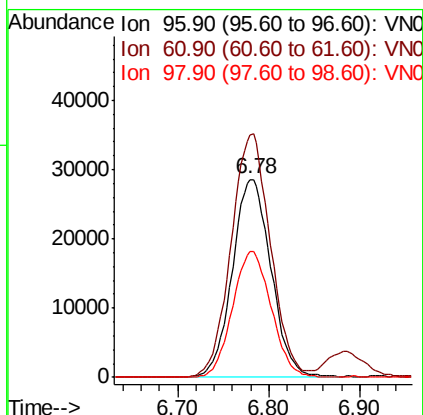
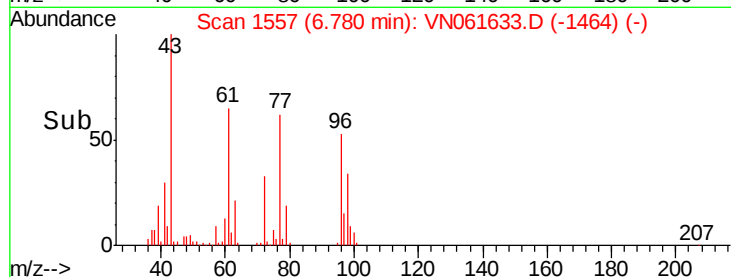
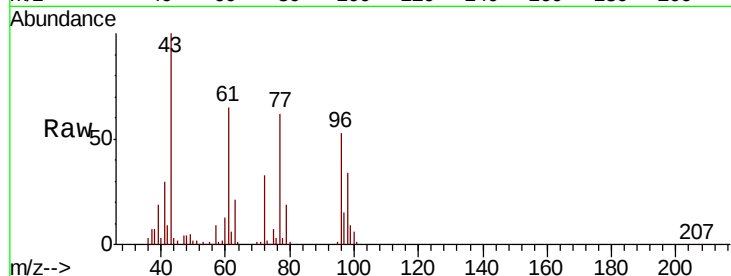




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.432 ug/l  
 RT: 6.78 min Scan# 1557  
 Delta R.T. 0.00 min  
 Lab File: VN061633.D  
 Acq: 3 Jun 2020 13:06

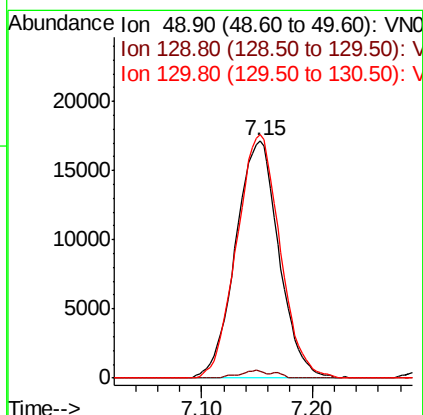
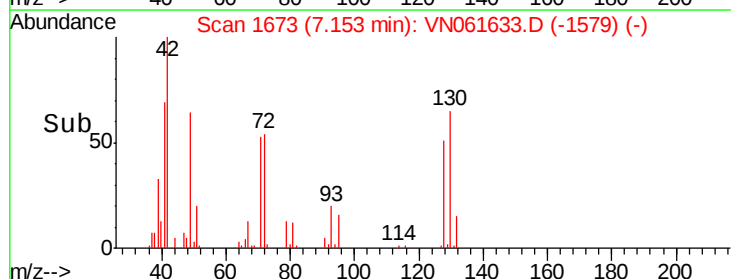
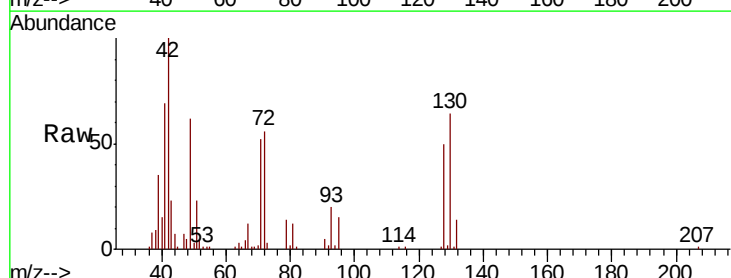
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0603MBS01

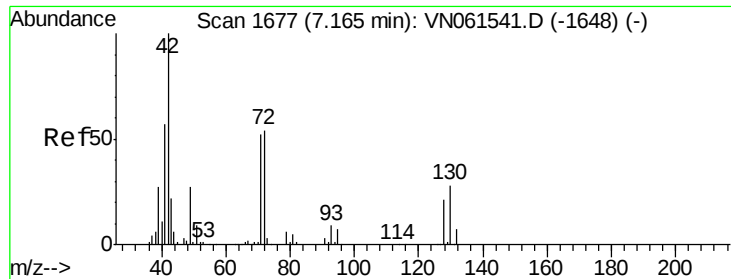
Tot Ion: 96 Resp: 84515  
 Ion Ratio Lower Upper  
 96 100  
 61 125.0 0.0 252.2  
 98 63.3 0.0 129.2



#28  
 Bromochloromethane  
 Concen: 20.191 ug/l  
 RT: 7.15 min Scan# 1673  
 Delta R.T. 0.00 min  
 Lab File: VN061633.D  
 Acq: 3 Jun 2020 13:06

Tgt Ion: 49 Resp: 46709  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 4.8  
 130 102.7 78.8 118.2

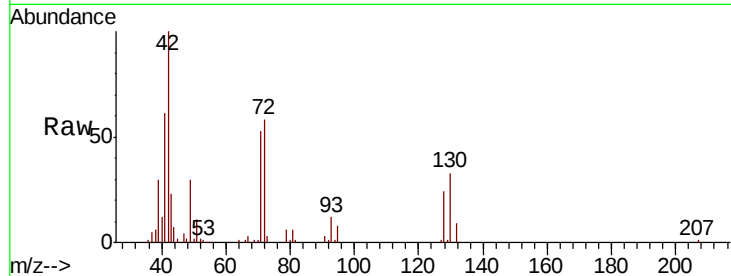




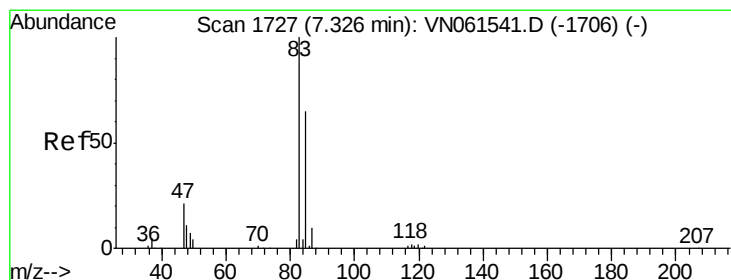
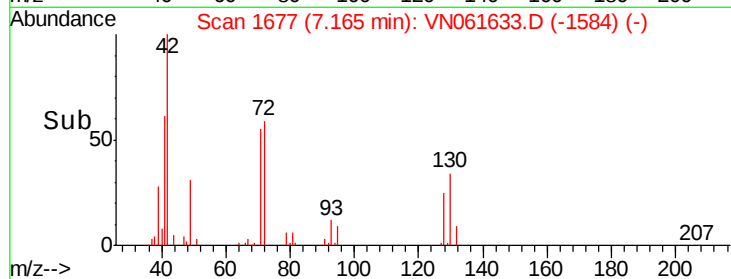
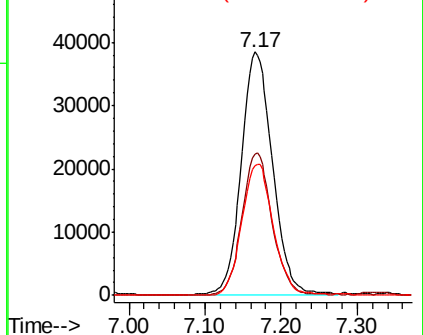
#29  
Tetrahydrofuran  
Concen: 93.892 ug/l  
RT: 7.17 min Scan# 1677  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBSD01

Tot Ion: 42 Resp: 110822  
Ion Ratio Lower Upper  
42 100  
72 56.2 43.6 65.4  
71 54.0 41.2 61.8

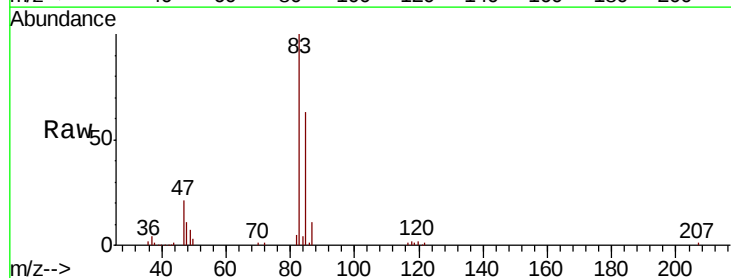


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

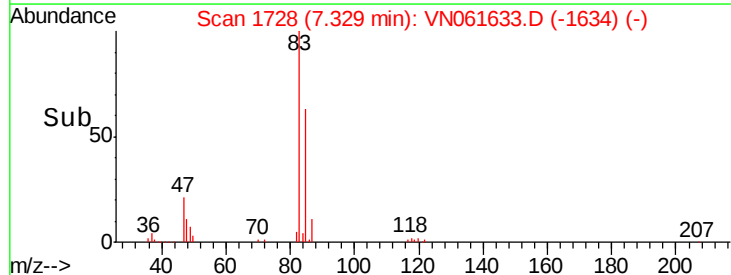
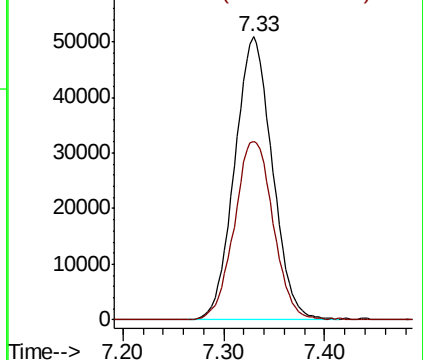


#30  
Chloroform  
Concen: 20.104 ug/l  
RT: 7.33 min Scan# 1728  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion: 83 Resp: 131633  
Ion Ratio Lower Upper  
83 100  
85 63.2 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.890 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0603MBSD01

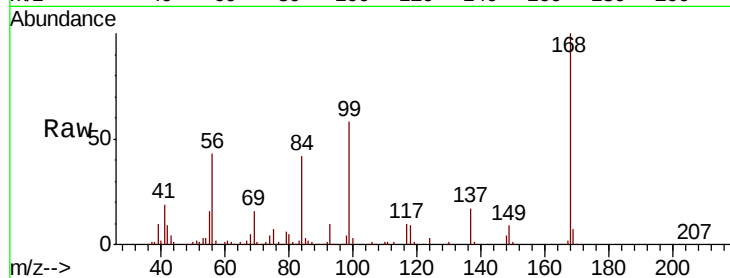
Tot Ion: 56 Resp: 100548

Ion Ratio Lower Upper

56 100

69 38.0 27.8 41.8

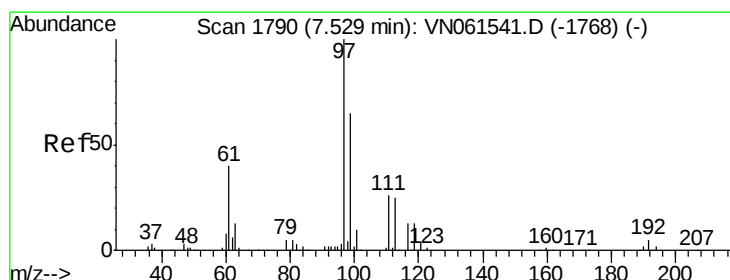
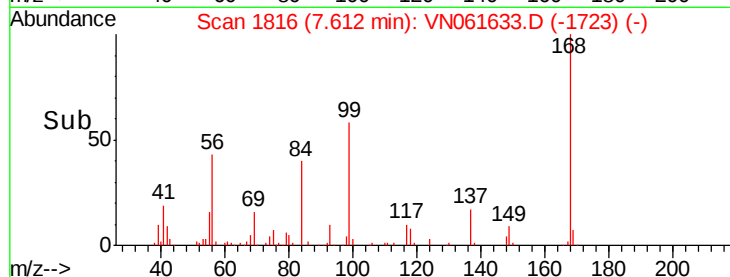
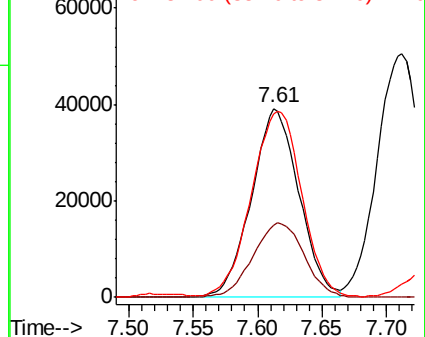
84 96.1 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN061541.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN061541.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 19.854 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

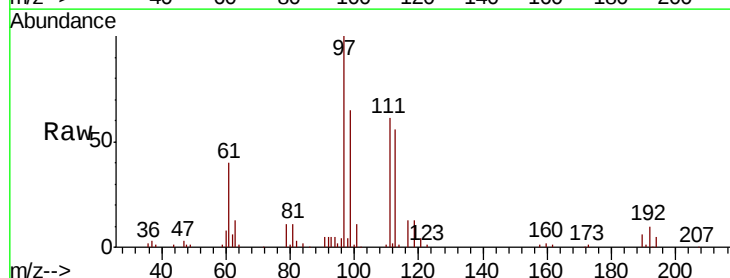
Tgt Ion: 97 Resp: 118456

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

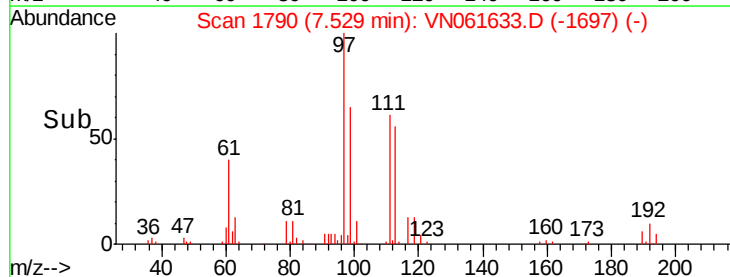
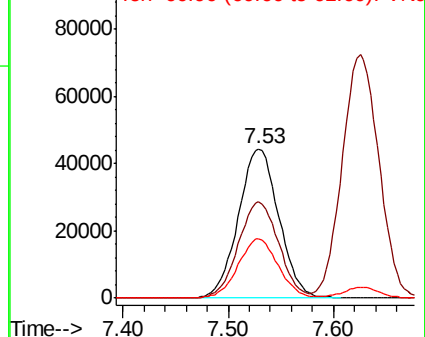
61 39.4 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VN061541.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN061541.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN061541.D (-1768) (-)

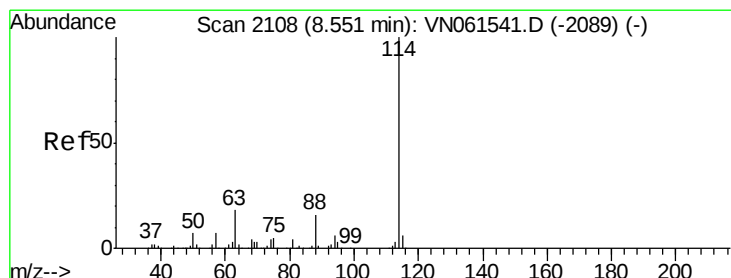
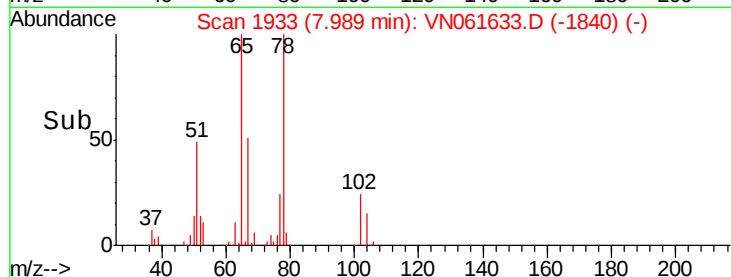
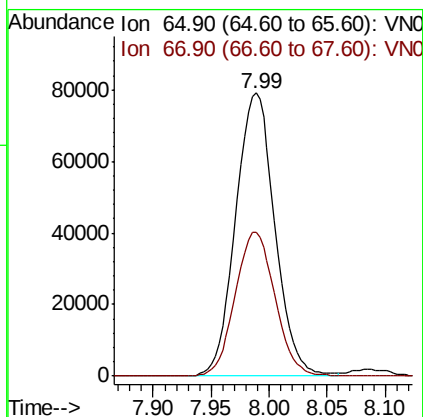
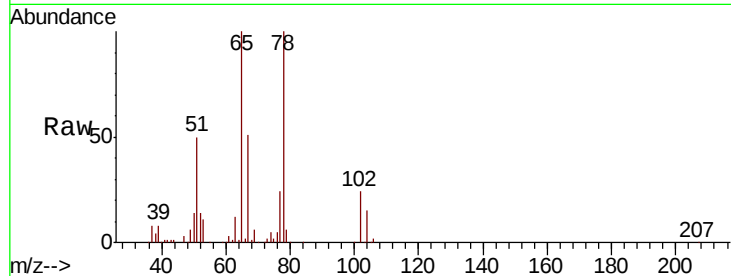




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.369 ug/l  
 RT: 7.99 min Scan# 1933  
 Delta R.T. 0.00 min  
 Lab File: VN061633.D  
 Acq: 3 Jun 2020 13:06

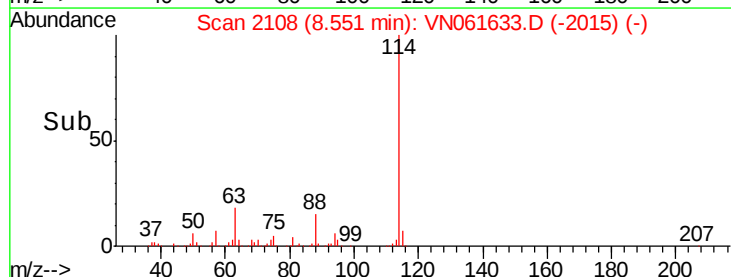
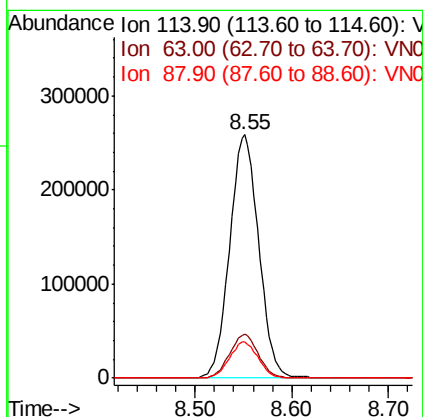
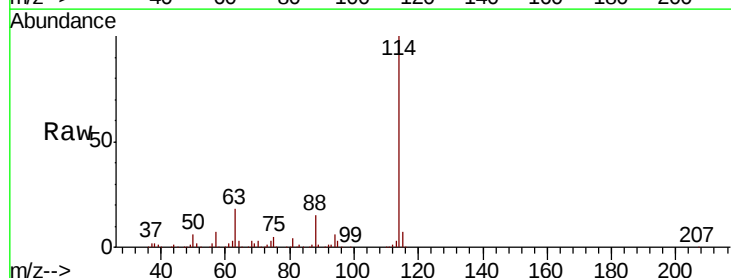
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0603MBS01

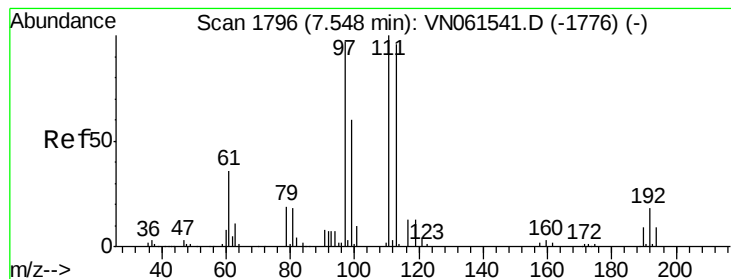
Tot Ion: 65 Resp: 186458  
 Ion Ratio Lower Upper  
 65 100  
 67 51.6 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.55 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: VN061633.D  
 Acq: 3 Jun 2020 13:06

Tgt Ion: 114 Resp: 539818  
 Ion Ratio Lower Upper  
 114 100  
 63 18.2 0.0 35.8  
 88 14.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 51.118 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0603MBSD01

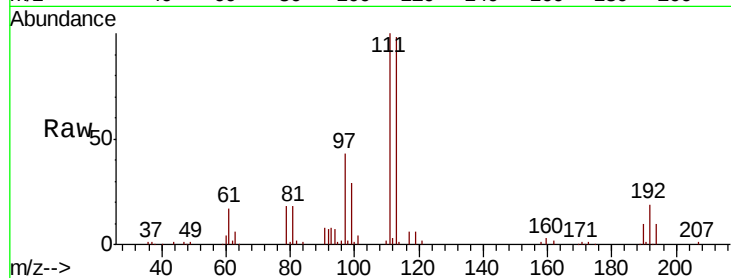
Tot Ion:113 Resp: 139982

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.0

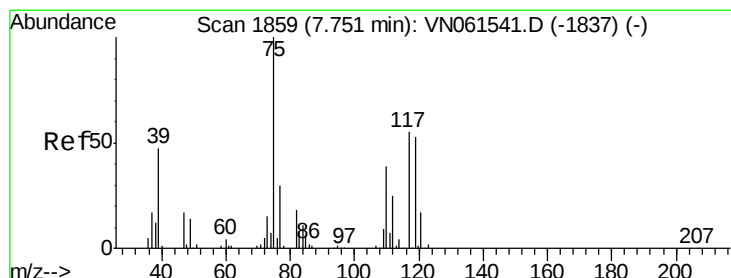
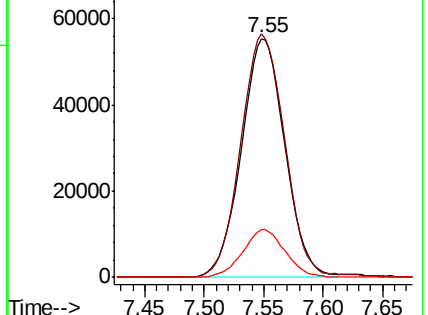
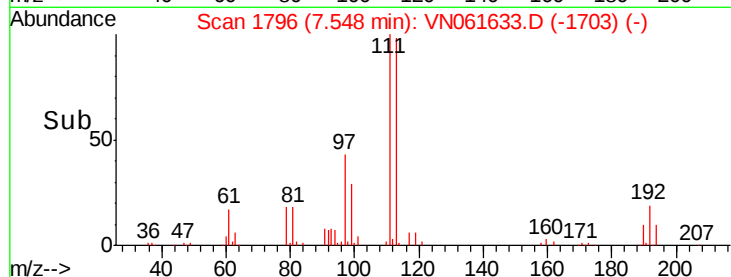
192 19.4 15.4 23.2



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: 19.269 ug/l

RT: 7.75 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

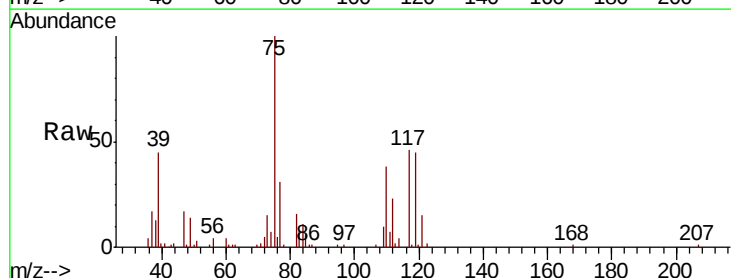
Tgt Ion: 75 Resp: 92082

Ion Ratio Lower Upper

75 100

110 39.2 19.5 58.5

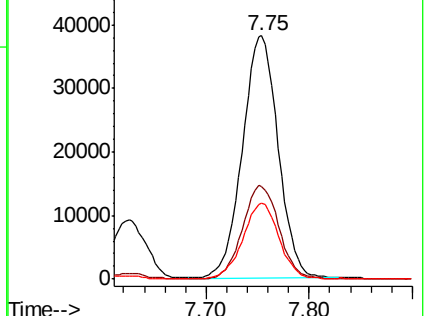
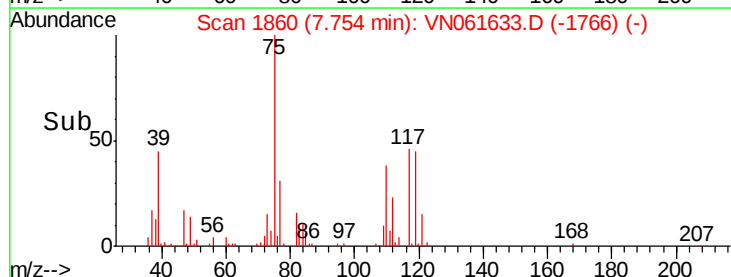
77 31.6 24.7 37.1

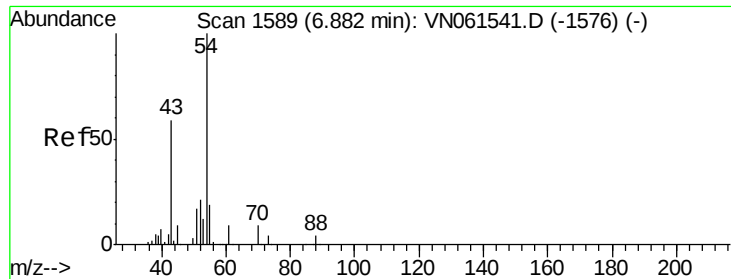


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

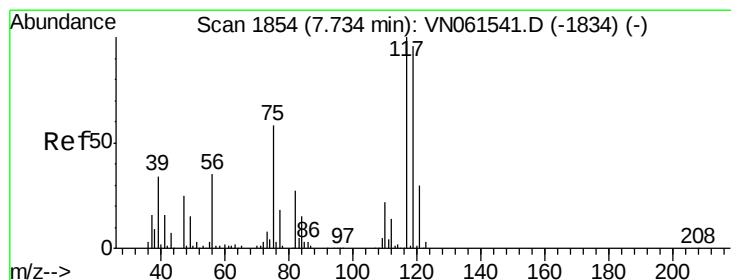
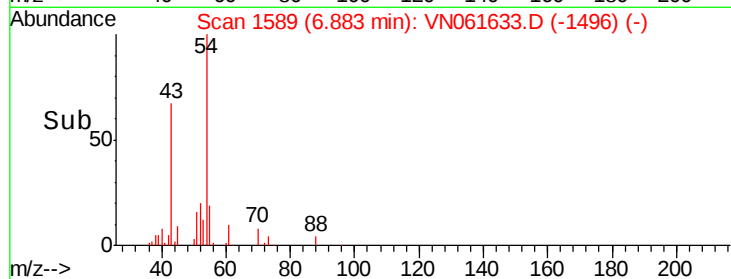
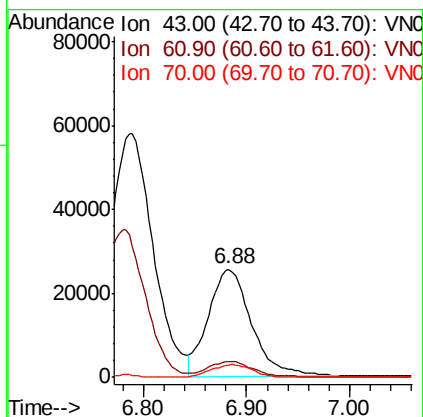
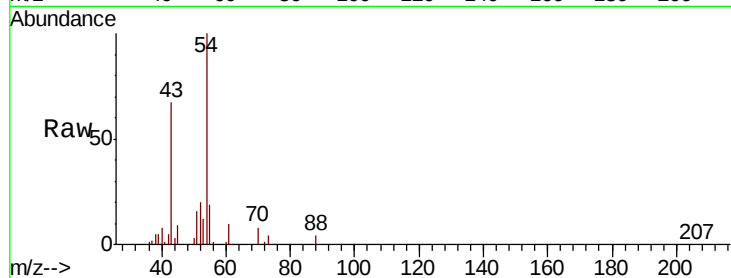




#37  
Ethyl Acetate  
Concen: 19.177 ug/l  
RT: 6.88 min Scan# 1589  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

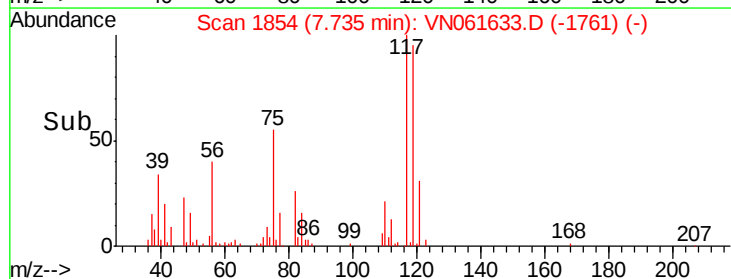
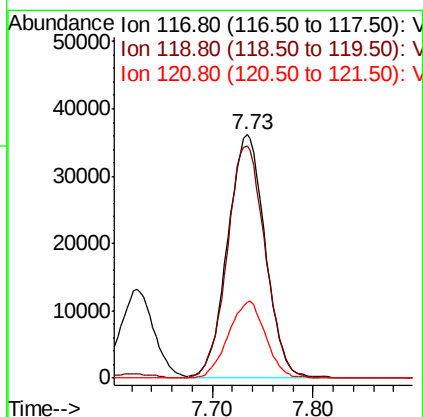
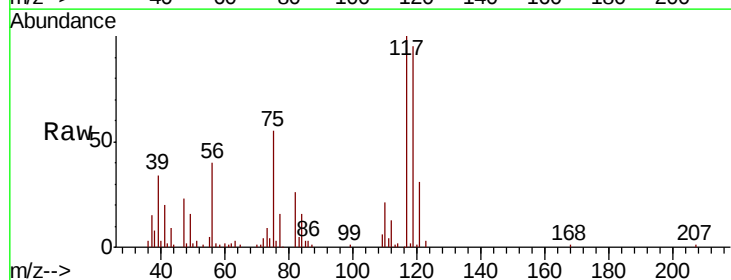
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBS01

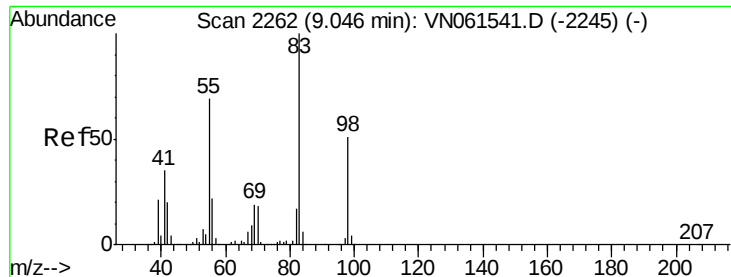
Tot Ion: 43 Resp: 73812  
Ion Ratio Lower Upper  
43 100  
61 15.5 12.2 18.4  
70 11.5 9.4 14.2



#38  
Carbon Tetrachloride  
Concen: 20.329 ug/l  
RT: 7.73 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion: 117 Resp: 93705  
Ion Ratio Lower Upper  
117 100  
119 95.5 76.5 114.7  
121 31.1 24.1 36.1

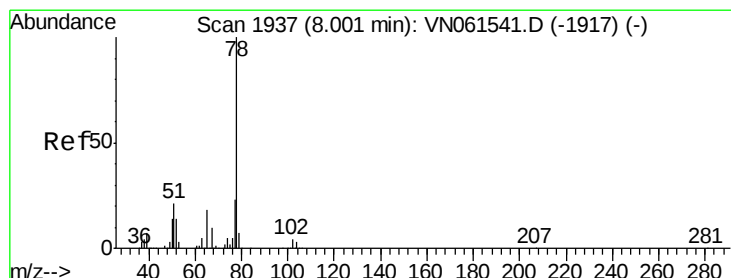
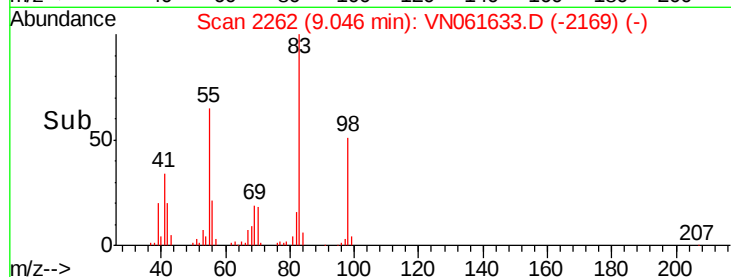
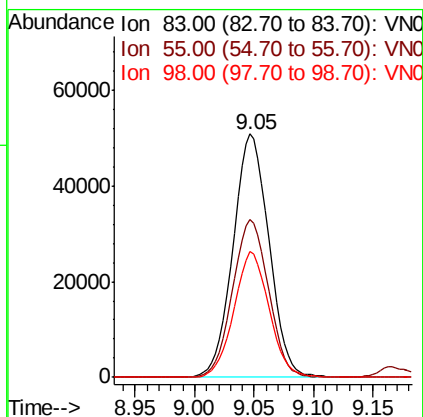
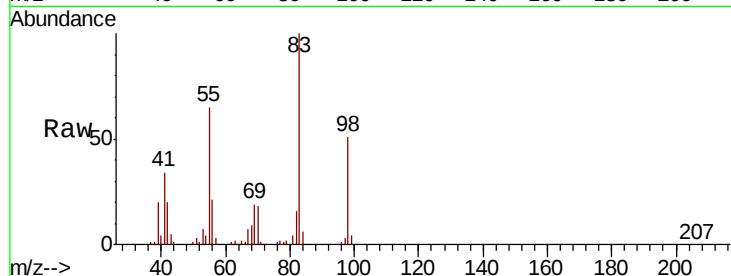




#39  
Methvlcvclohexane  
Concen: 18.063 ug/l  
RT: 9.05 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

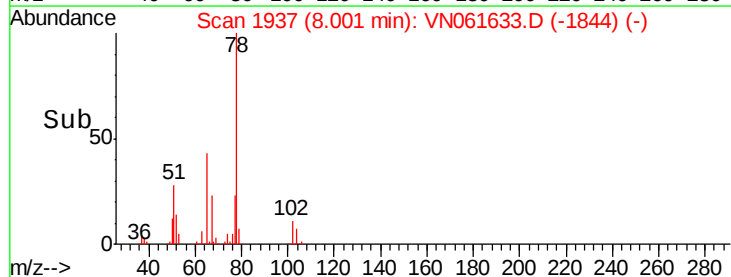
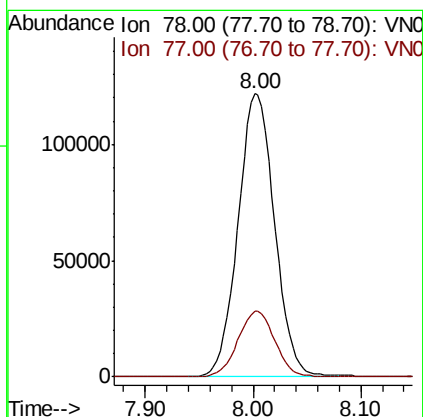
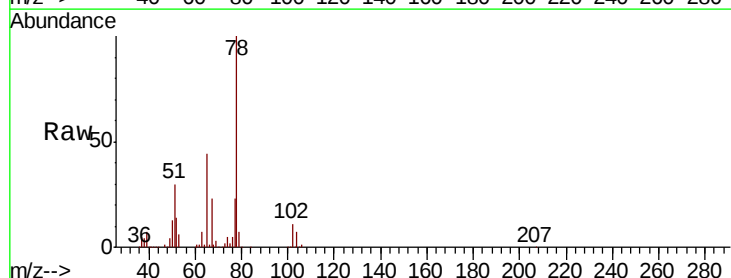
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBSD01

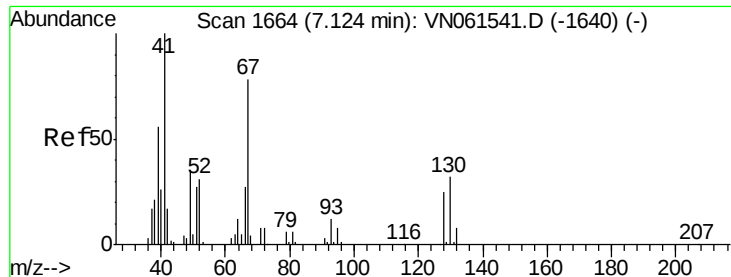
Tot Ion: 83 Resp: 106393  
Ion Ratio Lower Upper  
83 100  
55 64.7 54.9 82.3  
98 51.5 41.0 61.4



#40  
Benzene  
Concen: 19.454 ug/l  
RT: 8.00 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion: 78 Resp: 286852  
Ion Ratio Lower Upper  
78 100  
77 23.2 18.6 28.0

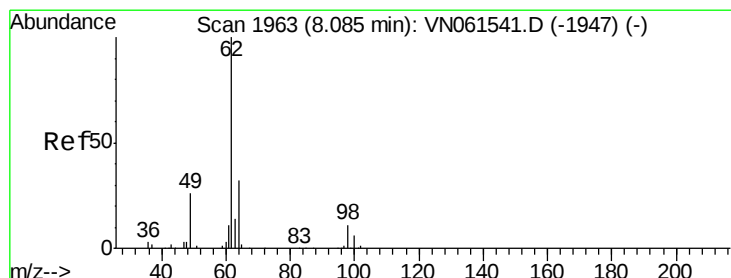
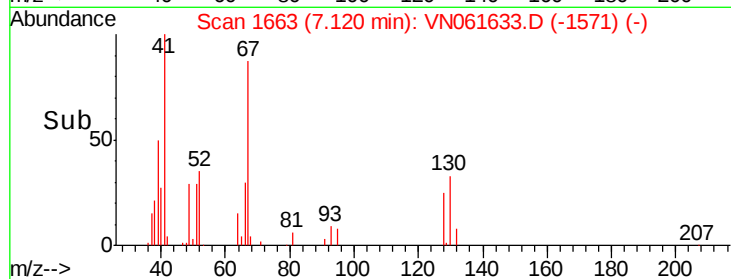
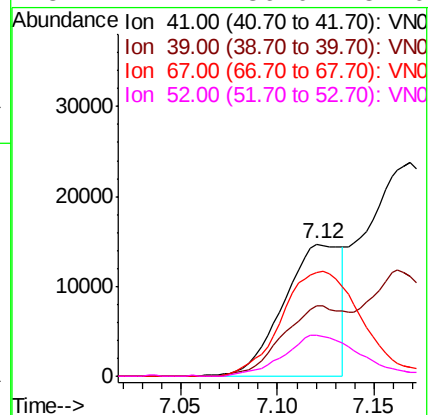
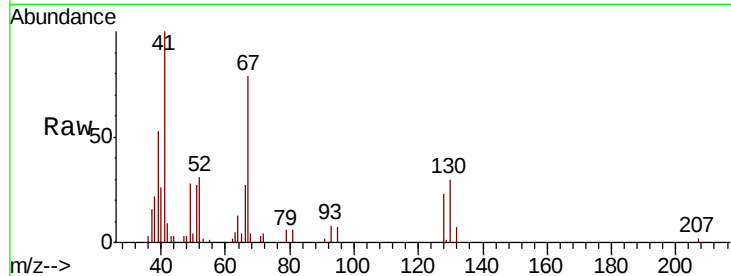




#41  
Methacrylonitrile  
Concen: 17.244 ug/l  
RT: 7.12 min Scan# 1663  
Delta R.T. -0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

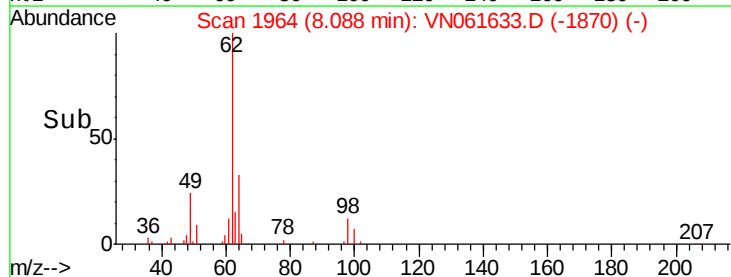
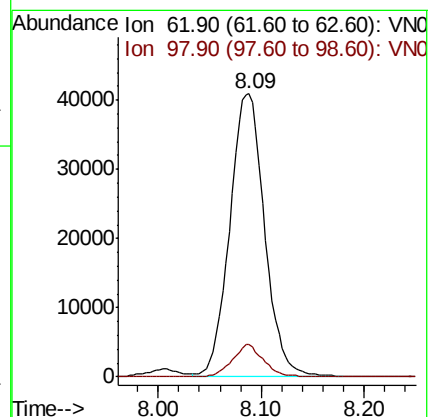
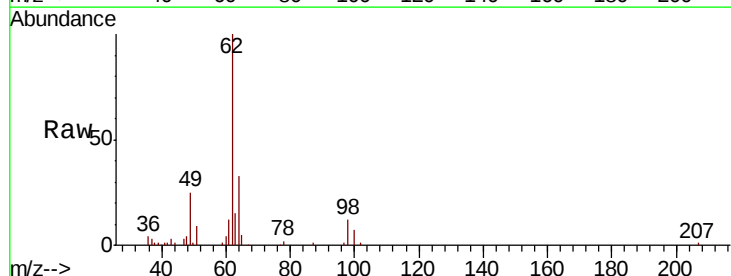
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0603MBSD01

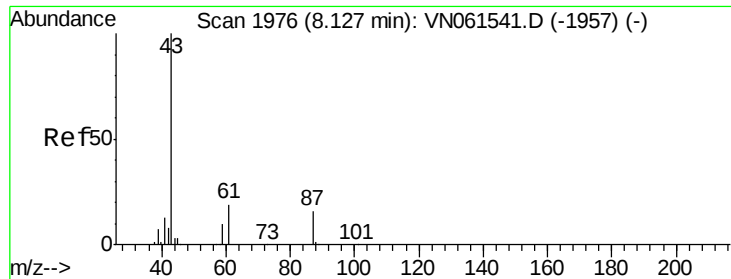
Tot Ion: 41 Resp: 30409  
Ion Ratio Lower Upper  
41 100  
39 57.8 53.8 80.6  
67 112.4 91.1 136.7  
52 42.1 36.0 54.0



#42  
1,2-Dichloroethane  
Concen: 19.524 ug/l  
RT: 8.09 min Scan# 1964  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion: 62 Resp: 96376  
Ion Ratio Lower Upper  
62 100  
98 10.2 0.0 21.4

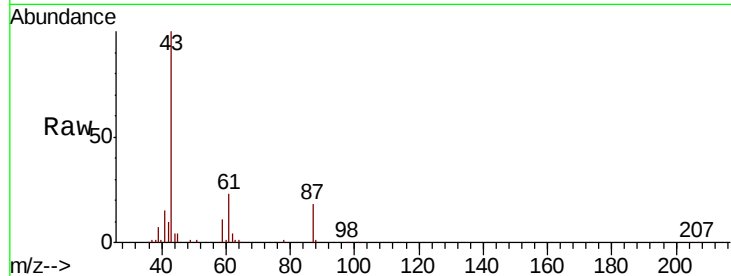




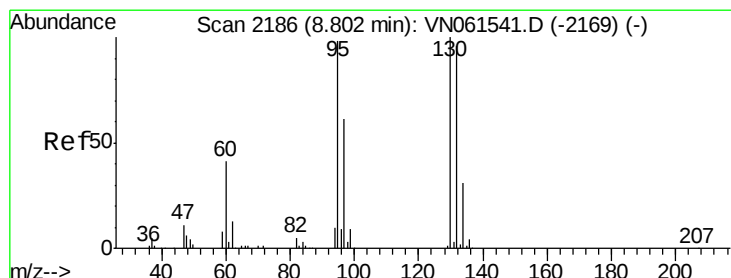
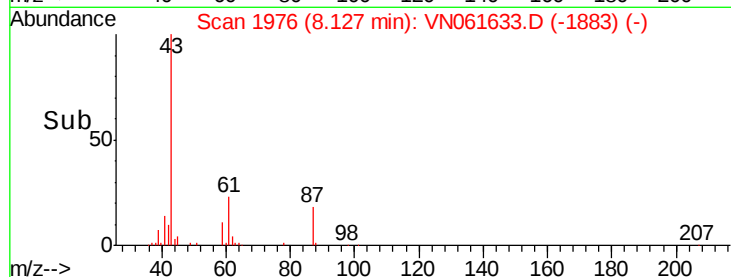
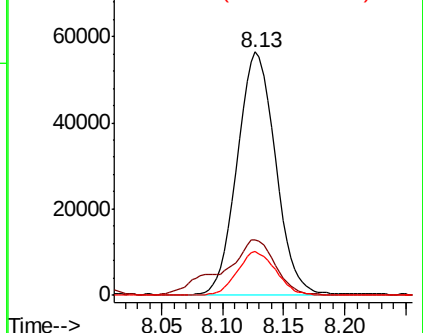
#43  
Isopropyl Acetate  
Concen: 17.776 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBSD01

Tot Ion: 43 Resp: 123093  
Ion Ratio Lower Upper  
43 100  
61 31.1 23.6 35.4  
87 17.9 13.0 19.6

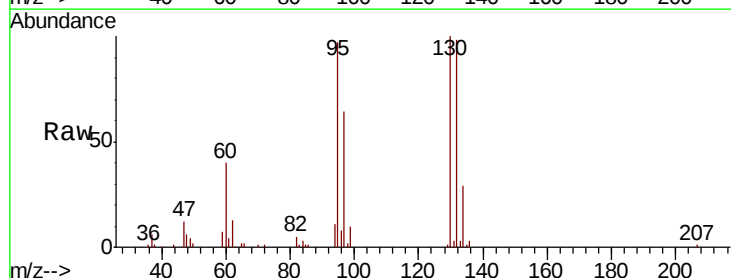


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 61.00 (60.70 to 61.70): VN0  
Ion 87.00 (86.70 to 87.70): VN0

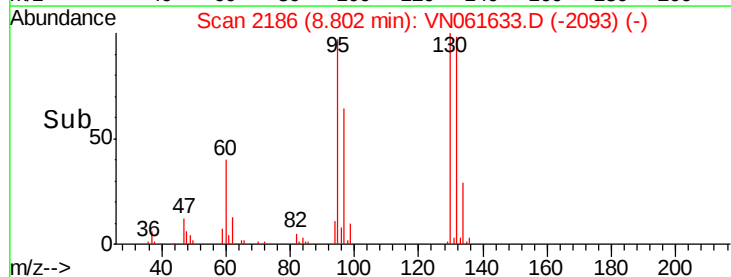
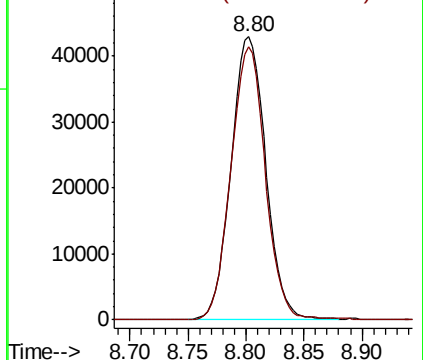


#44  
Trichloroethene  
Concen: 19.653 ug/l  
RT: 8.80 min Scan# 2186  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion:130 Resp: 89054  
Ion Ratio Lower Upper  
130 100  
95 96.6 0.0 196.6



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

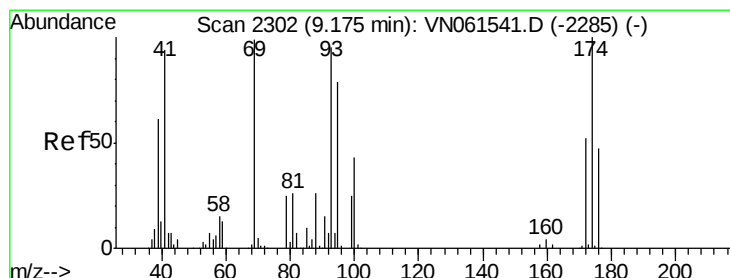
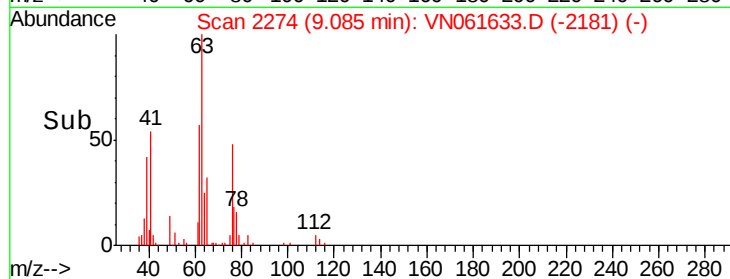
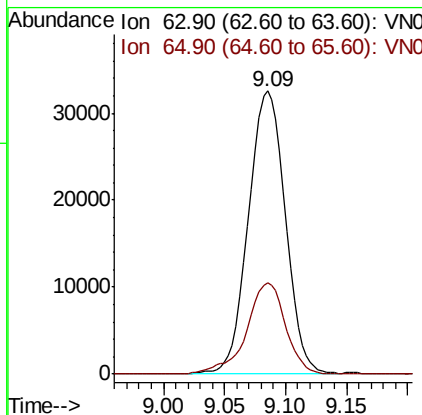
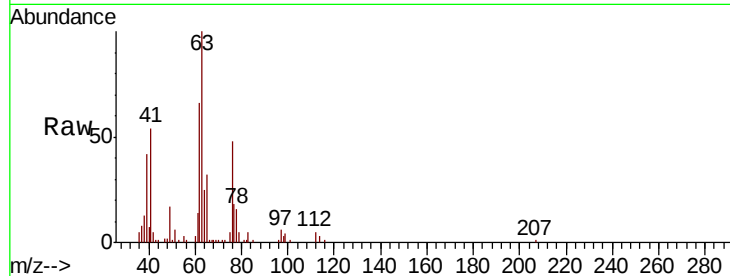




#45  
 1,2-Dichloropropane  
 Concen: 19.503 ug/l  
 RT: 9.09 min Scan# 2274  
 Delta R.T. 0.00 min  
 Lab File: VN061633.D  
 Acq: 3 Jun 2020 13:06

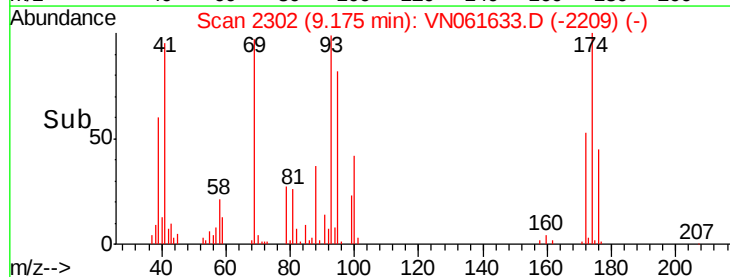
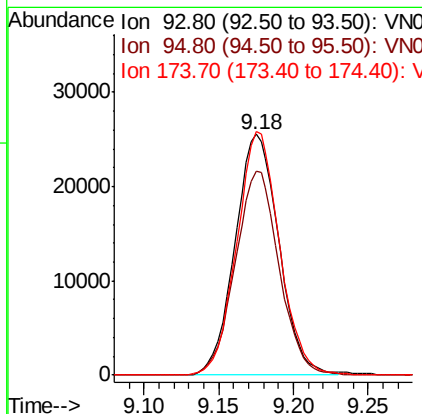
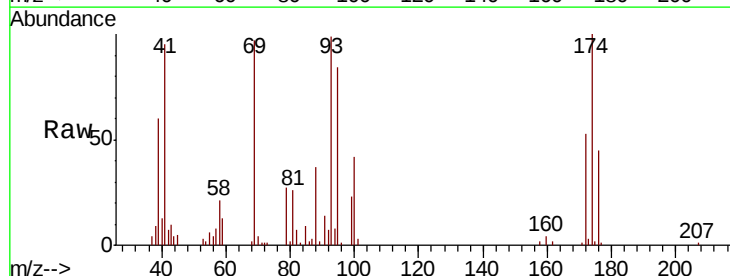
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0603MBSD01

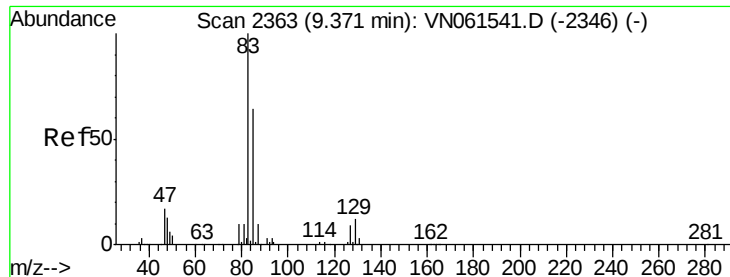
Tot Ion: 63 Resp: 68283  
 Ion Ratio Lower Upper  
 63 100  
 65 32.3 24.7 37.1



#46  
 Dibromomethane  
 Concen: 19.388 ug/l  
 RT: 9.18 min Scan# 2302  
 Delta R.T. 0.00 min  
 Lab File: VN061633.D  
 Acq: 3 Jun 2020 13:06

Tgt Ion: 93 Resp: 52062  
 Ion Ratio Lower Upper  
 93 100  
 95 84.5 66.0 99.0  
 174 98.6 82.5 123.7





#47

Bromodichloromethane

Concen: 19.131 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0603MBSD01

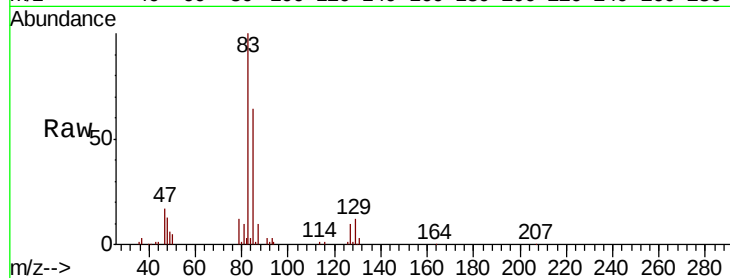
Tot Ion: 83 Resp: 101780

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7

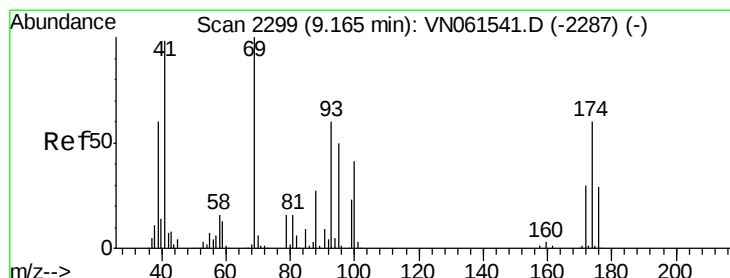
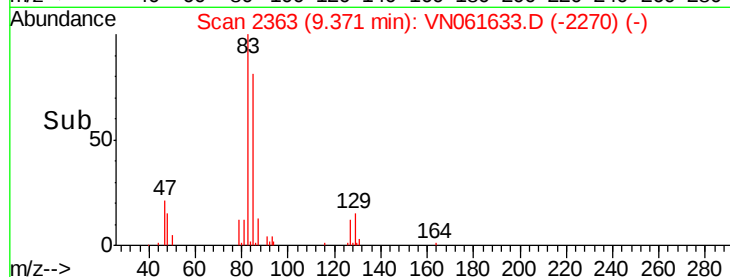
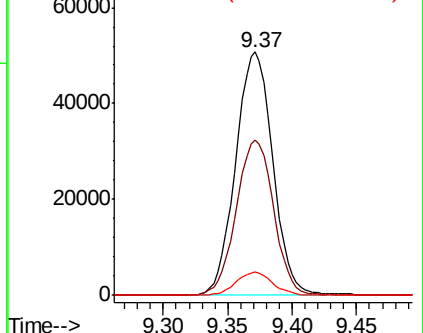
127 9.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061633.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061633.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061633.D (-2270) (-)



#48

Methyl methacrylate

Concen: 17.252 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

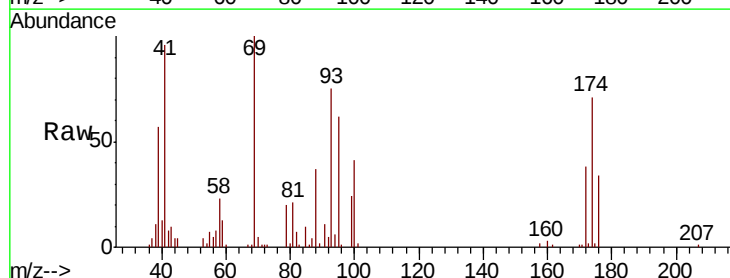
Tgt Ion: 41 Resp: 53750

Ion Ratio Lower Upper

41 100

69 108.4 83.9 125.9

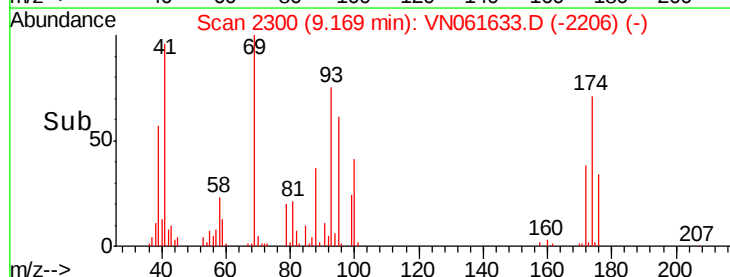
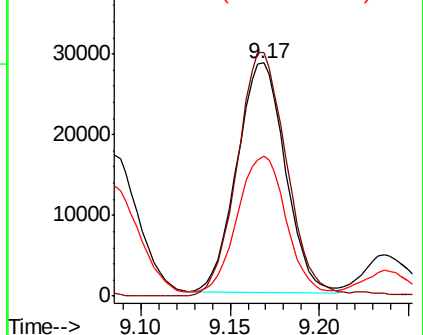
39 63.2 52.1 78.1



Abundance Ion 41.00 (40.70 to 41.70): VN061633.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061633.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061633.D (-2206) (-)

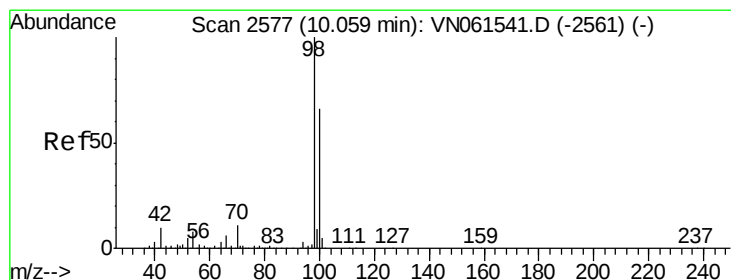
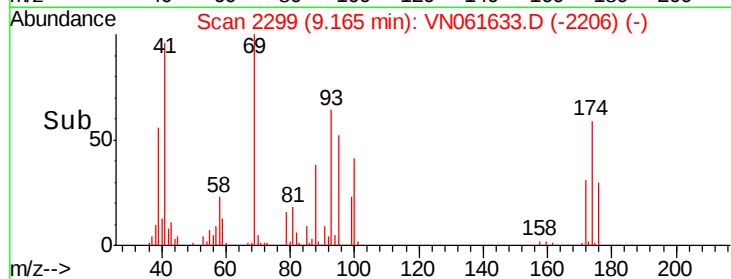
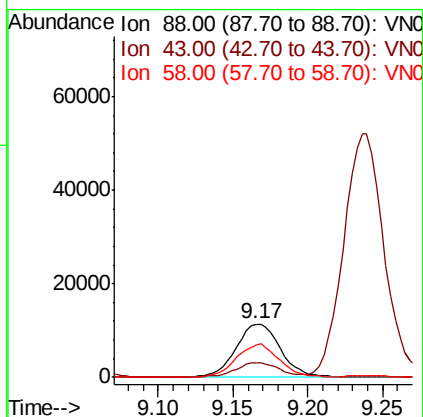
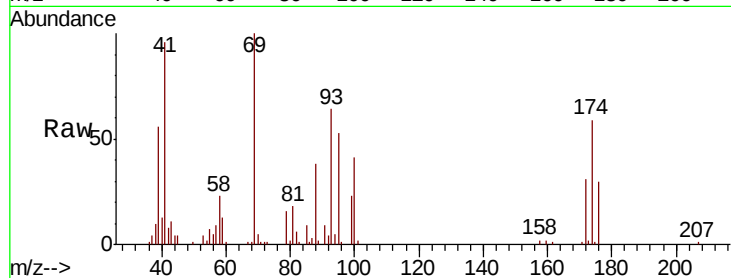




#49  
1,4-Dioxane  
Concen: 490.040 ug/l  
RT: 9.17 min Scan# 2299  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

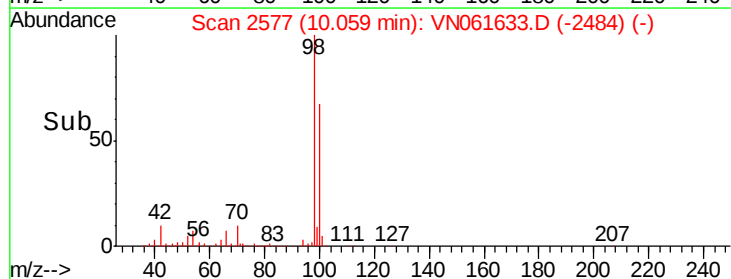
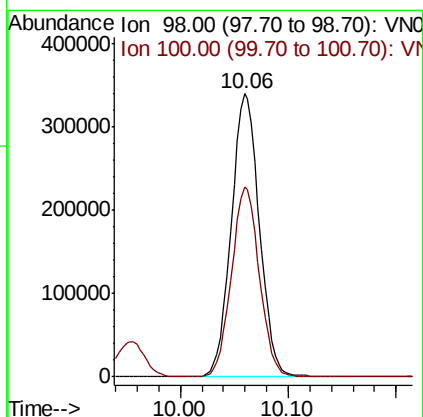
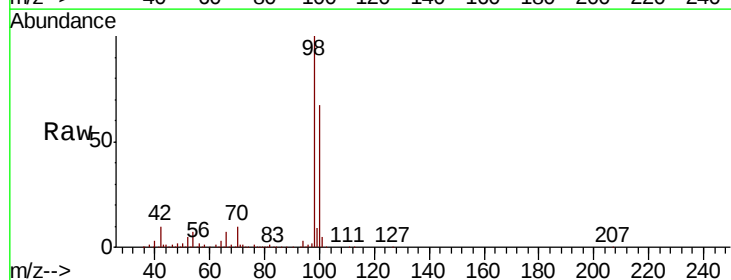
Instrument :  
MSVOA\_N  
ClientSampled :  
VN0603MBS01

Tot Ion: 88 Resp: 23652  
Ion Ratio Lower Upper  
88 100  
43 28.3 23.1 34.7  
58 60.7 48.3 72.5



#50  
Toluene-d8  
Concen: 48.654 ug/l  
RT: 10.06 min Scan# 2577  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion: 98 Resp: 617423  
Ion Ratio Lower Upper  
98 100  
100 66.6 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 92.519 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

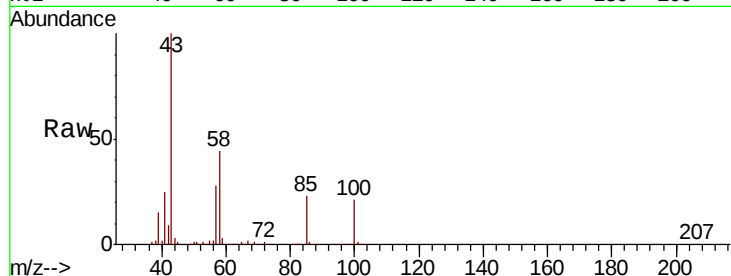
VN0603MBSD01

Tot Ion: 43 Resp: 361037

Ion Ratio Lower Upper

43 100

58 44.9 35.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-2528) (-)

9.95

200000

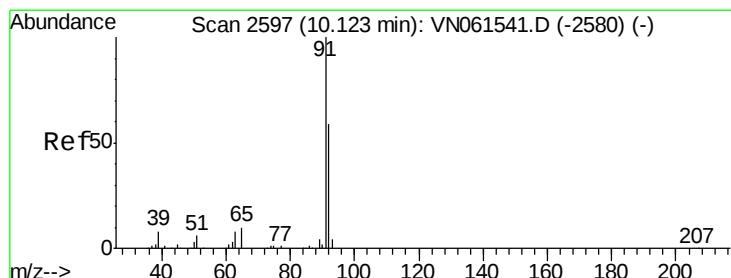
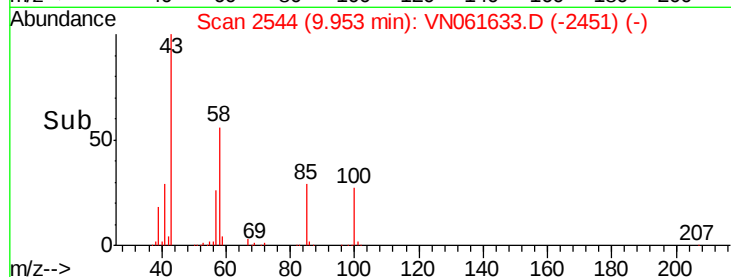
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.923 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061633.D

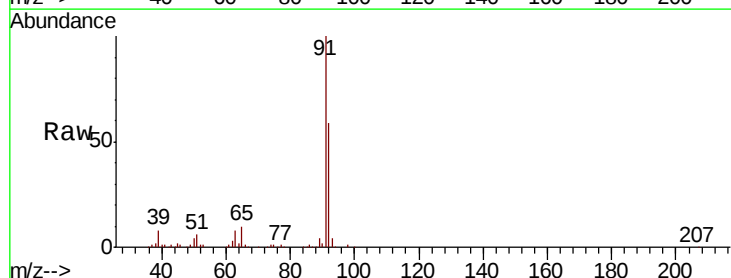
Acq: 3 Jun 2020 13:06

Tgt Ion: 92 Resp: 191731

Ion Ratio Lower Upper

92 100

91 169.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VN061541.D (-2580) (-)

Ion 91.00 (90.70 to 91.70): VN061541.D (-2580) (-)

10.13

200000

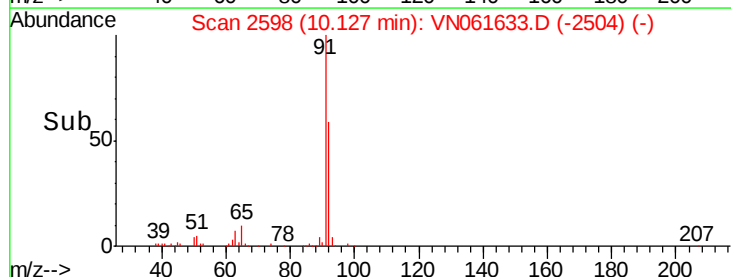
150000

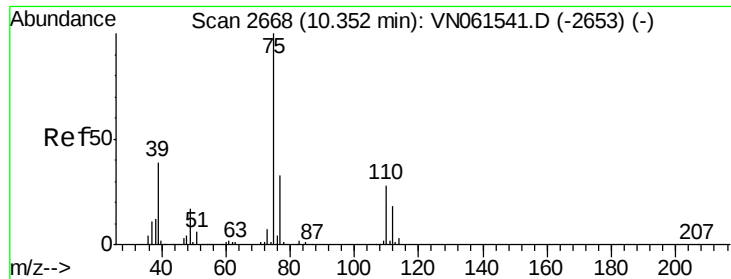
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.666 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

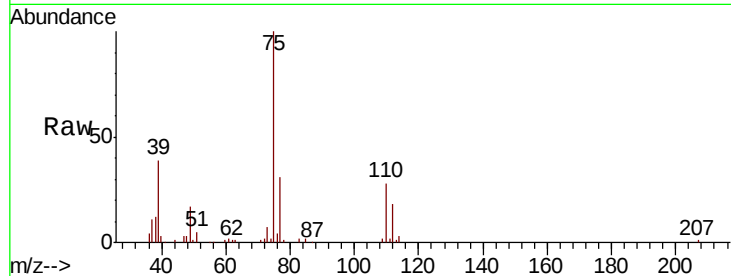
VN0603MBSD01

Tot Ion: 75 Resp: 106975

Ion Ratio Lower Upper

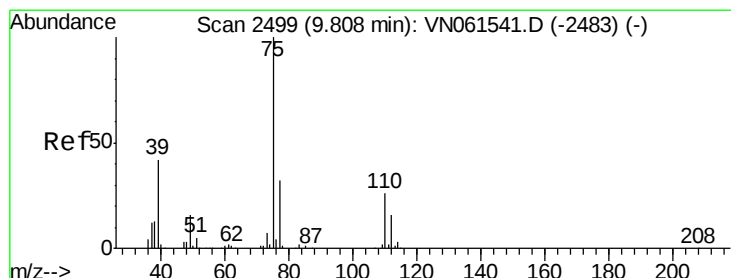
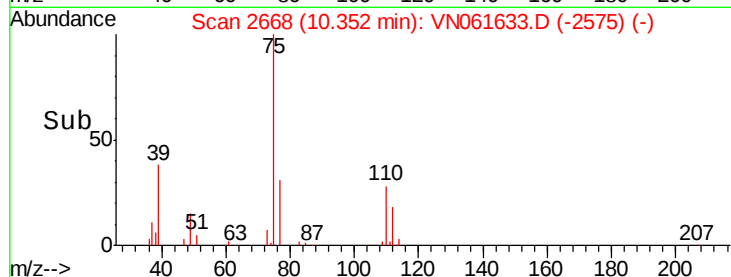
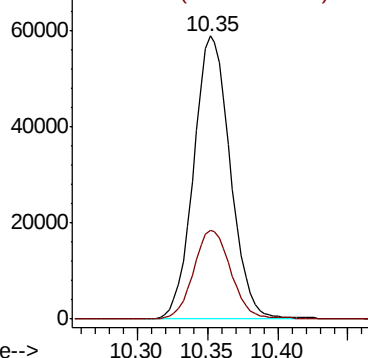
75 100

77 31.3 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.127 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

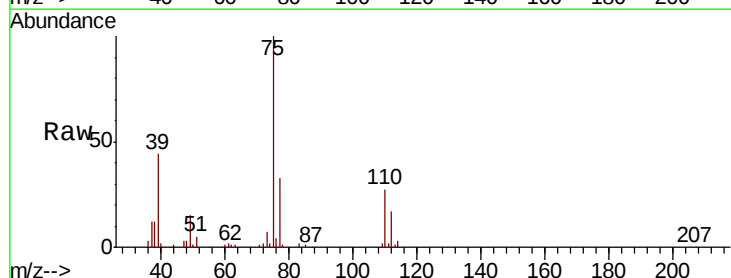
Tgt Ion: 75 Resp: 117863

Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.2

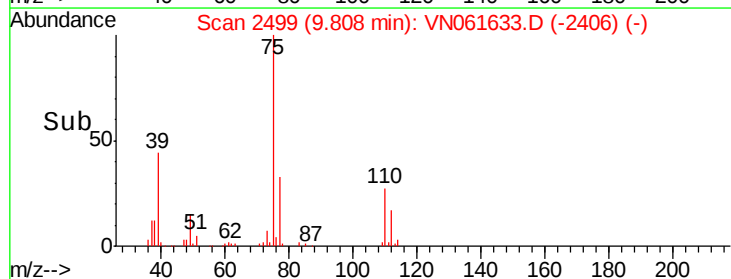
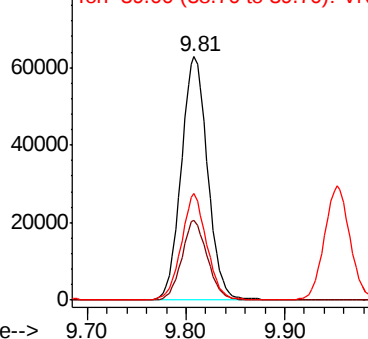
39 43.4 33.8 50.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

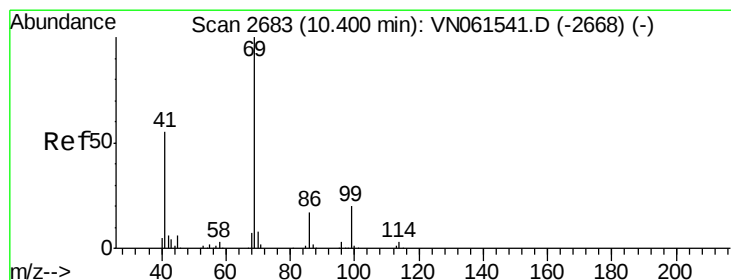
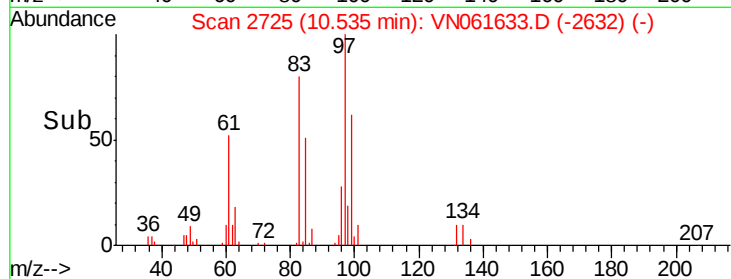
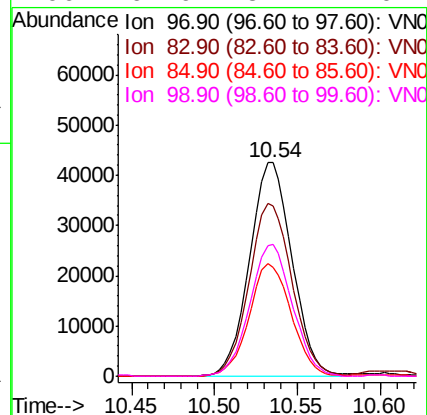
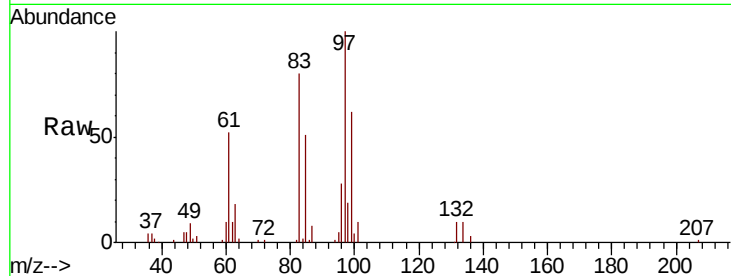




#55  
 1,1,2-Trichloroethane  
 Concen: 19.764 ug/l  
 RT: 10.54 min Scan# 2725  
 Delta R.T. 0.00 min  
 Lab File: VN061633.D  
 Acq: 3 Jun 2020 13:06

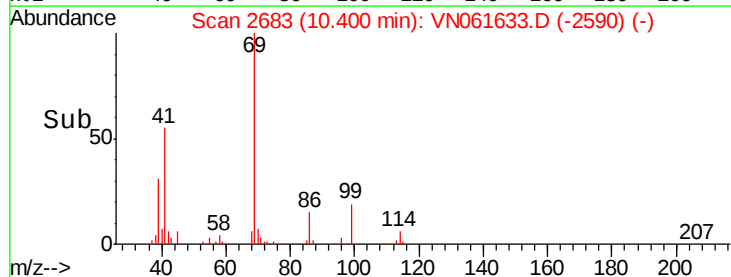
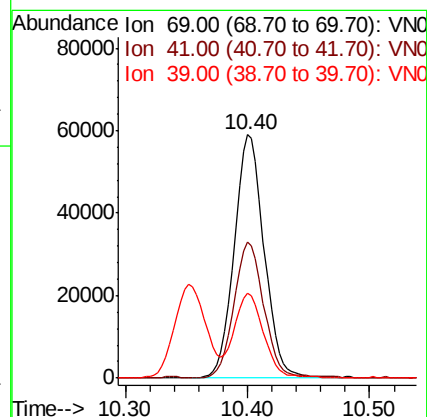
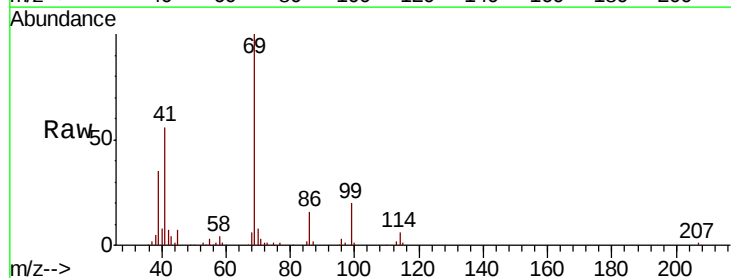
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0603MBSD01

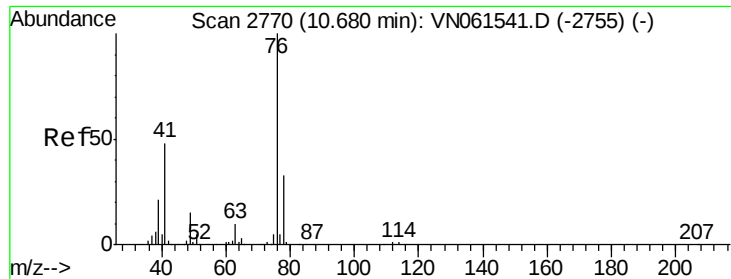
| Tot Ion | 97    | Resp  | 75776 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 97      | 100   |       |       |
| 83      | 79.5  | 68.1  | 102.1 |
| 85      | 51.1  | 44.1  | 66.1  |
| 99      | 61.9  | 51.1  | 76.7  |



#56  
 Ethyl methacrylate  
 Concen: 18.812 ug/l  
 RT: 10.40 min Scan# 2683  
 Delta R.T. 0.00 min  
 Lab File: VN061633.D  
 Acq: 3 Jun 2020 13:06

| Tgt Ion | 69    | Resp  | 100756 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 69      | 100   |       |        |
| 41      | 54.8  | 43.5  | 65.3   |
| 39      | 34.3  | 27.0  | 40.6   |





#57

1,3-Dichloropropane

Concen: 19.653 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

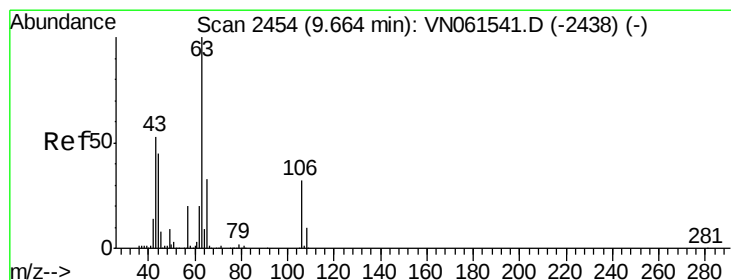
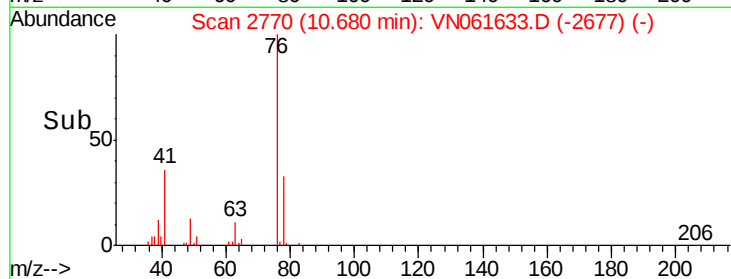
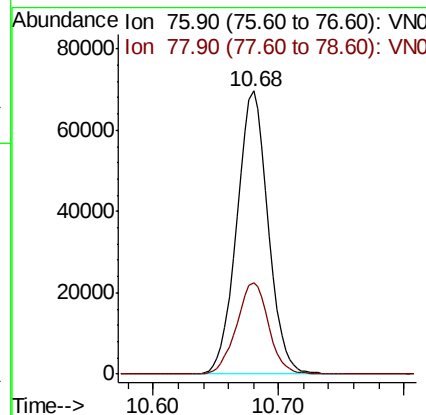
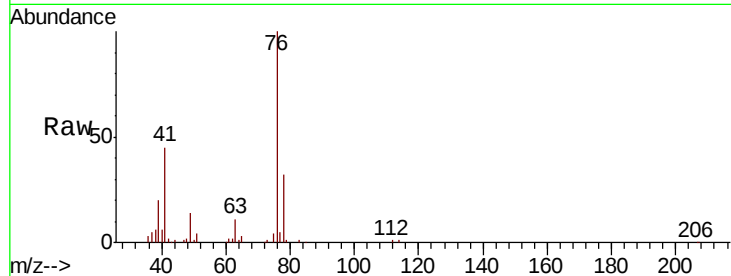
VN0603MBSD01

Tot Ion: 76 Resp: 120515

Ion Ratio Lower Upper

76 100

78 33.2 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 81.968 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061633.D

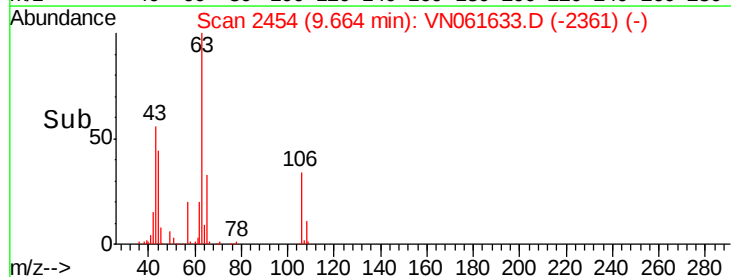
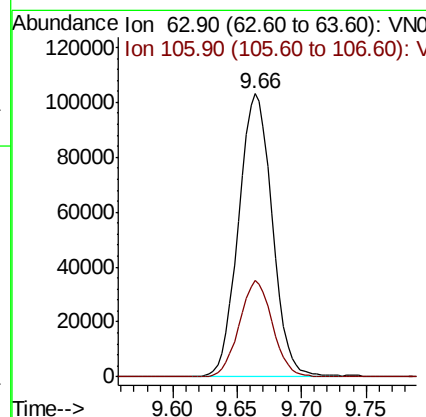
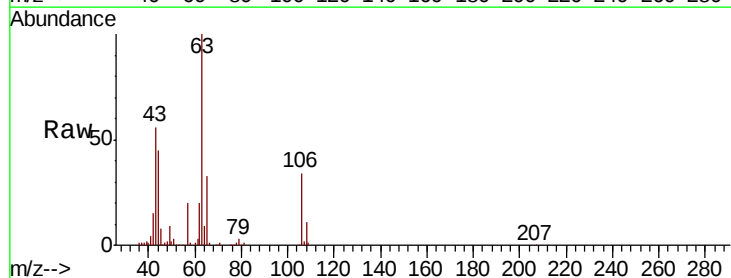
Acq: 3 Jun 2020 13:06

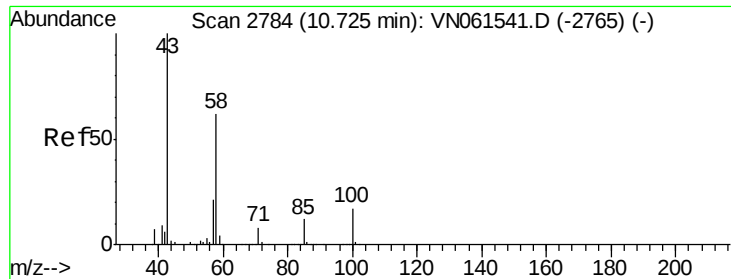
Tgt Ion: 63 Resp: 187612

Ion Ratio Lower Upper

63 100

106 33.5 25.9 38.9

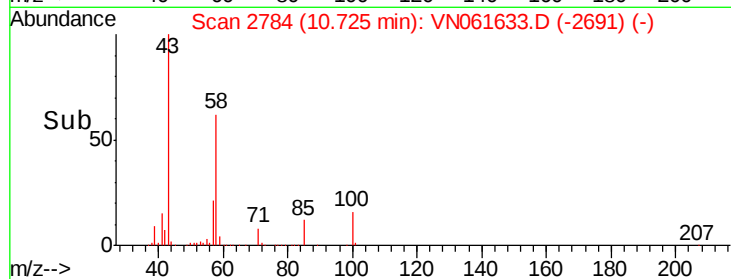
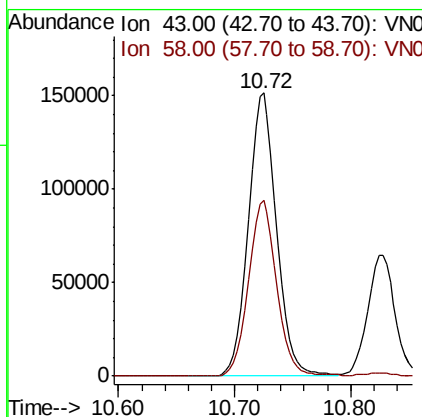
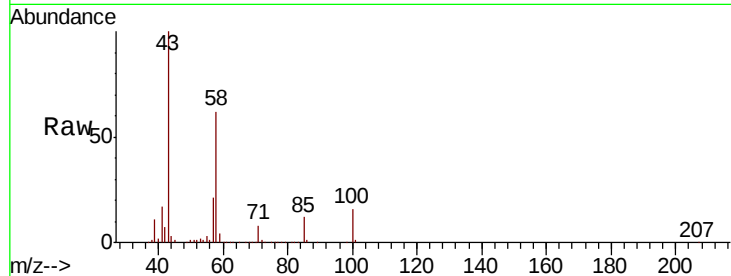




#59  
2-Hexanone  
Concen: 91.976 ug/l  
RT: 10.72 min Scan# 2784  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

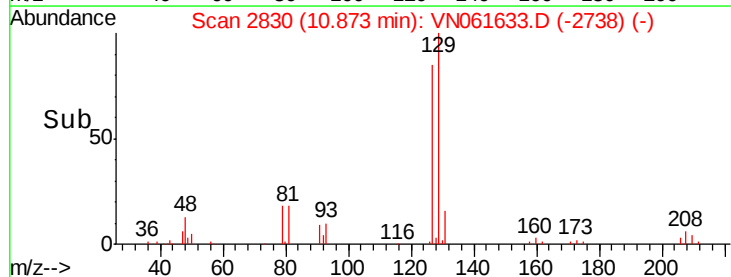
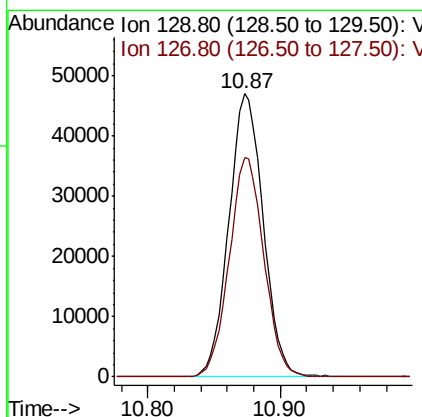
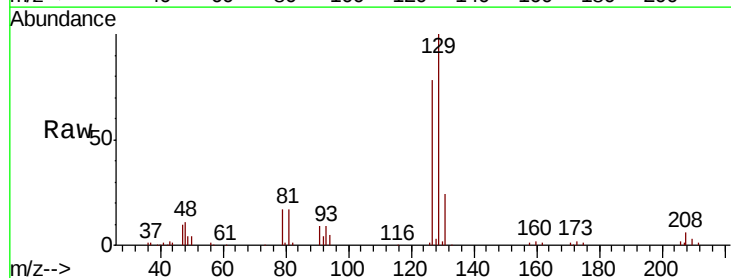
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBSD01

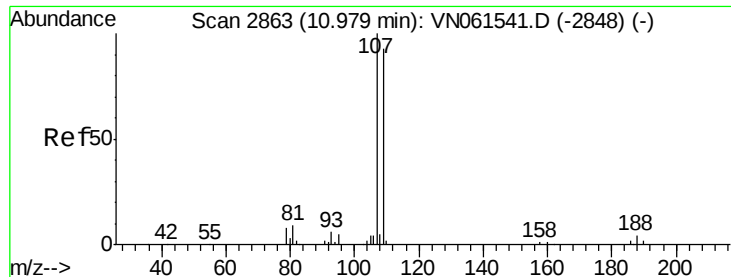
Tot Ion: 43 Resp: 257764  
Ion Ratio Lower Upper  
43 100  
58 61.8 30.7 92.1



#60  
Dibromochloromethane  
Concen: 19.433 ug/l  
RT: 10.87 min Scan# 2830  
Delta R.T. -0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion: 129 Resp: 84707  
Ion Ratio Lower Upper  
129 100  
127 77.9 38.8 116.3

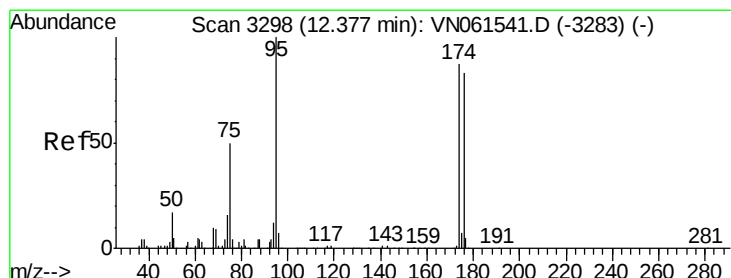
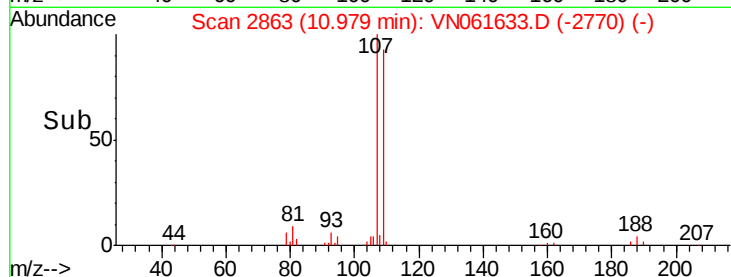
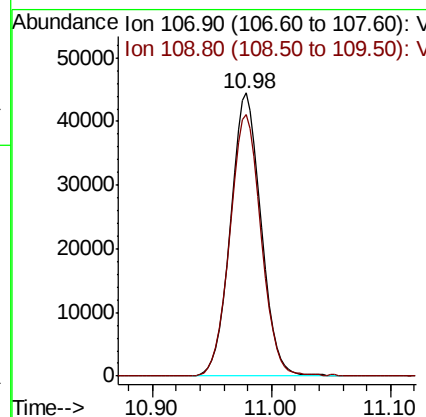
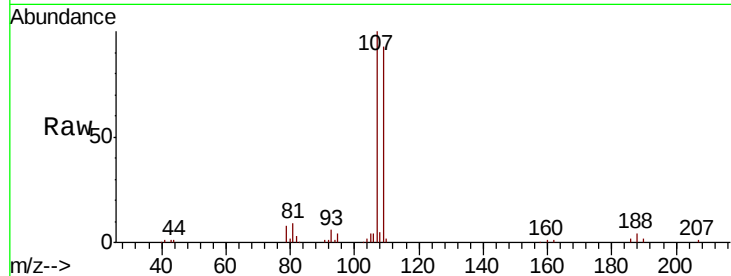




#61  
 1,2-Dibromoethane  
 Concen: 19.729 ug/l  
 RT: 10.98 min Scan# 2863  
 Delta R.T. 0.00 min  
 Lab File: VN061633.D  
 Acq: 3 Jun 2020 13:06

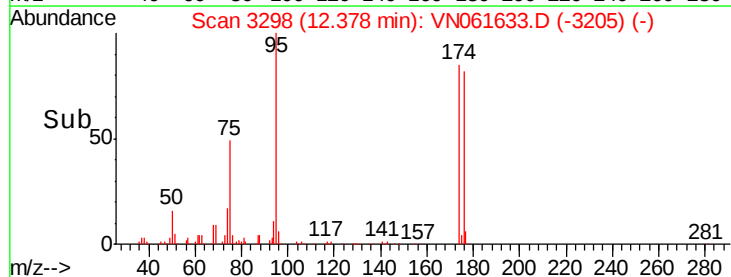
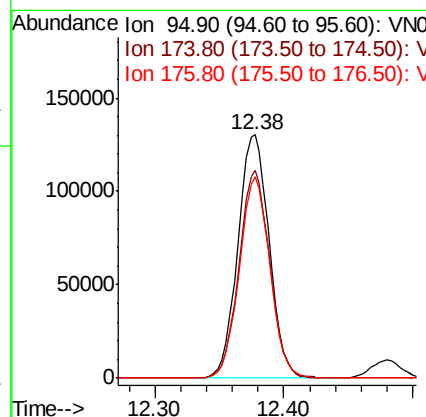
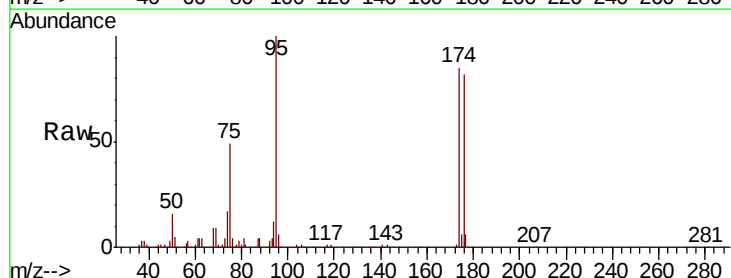
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0603MBS01

Tot Ion:107 Resp: 78892  
 Ion Ratio Lower Upper  
 107 100  
 109 94.5 76.1 114.1



#62  
 4-Bromofluorobenzene  
 Concen: 47.366 ug/l  
 RT: 12.38 min Scan# 3298  
 Delta R.T. 0.00 min  
 Lab File: VN061633.D  
 Acq: 3 Jun 2020 13:06

Tgt Ion: 95 Resp: 219295  
 Ion Ratio Lower Upper  
 95 100  
 174 84.0 0.0 172.8  
 176 81.0 0.0 164.8

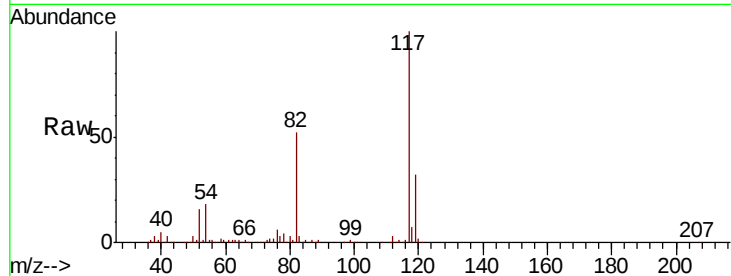




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.38 min Scan# 2988  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.4  | 41.5  | 62.3  |
| 119     | 32.0  | 25.6  | 38.4  |

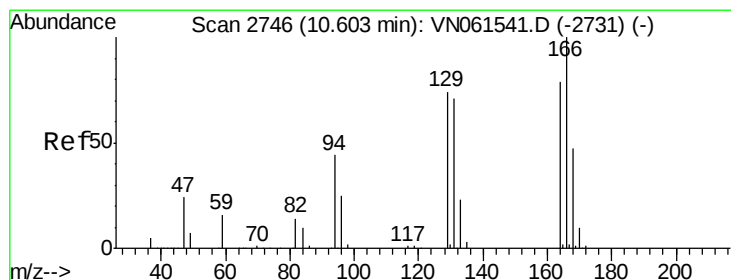
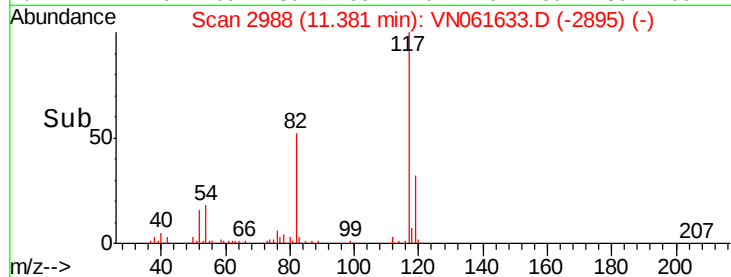
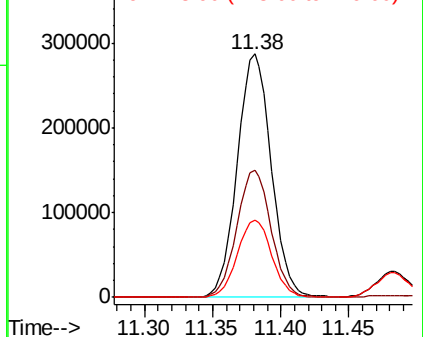


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 20.451 ug/l  
RT: 10.60 min Scan# 2746  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.4 | 101.5 | 152.3 |
| 129     | 92.2  | 74.9  | 112.3 |
| 131     | 89.0  | 72.2  | 108.2 |

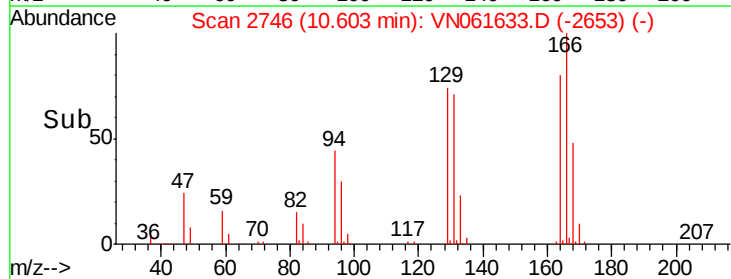
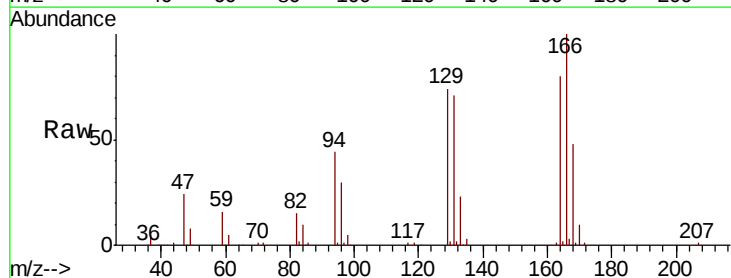
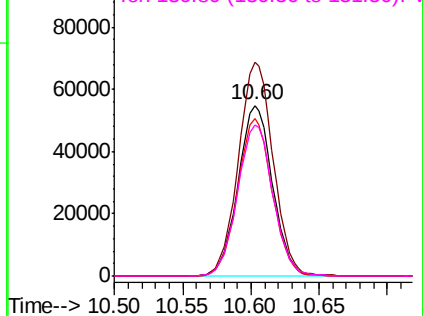
Abundance

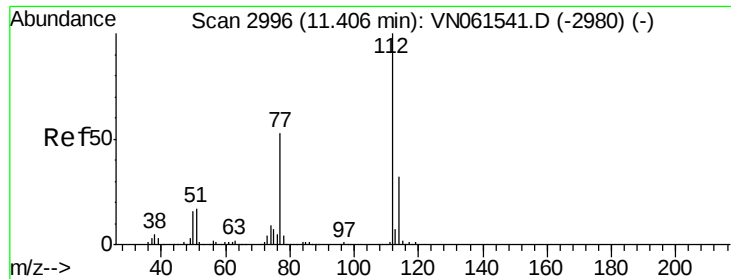
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

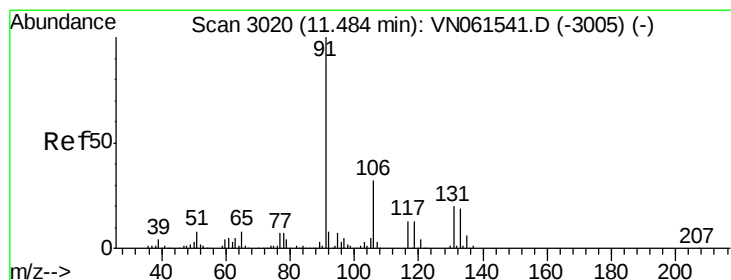
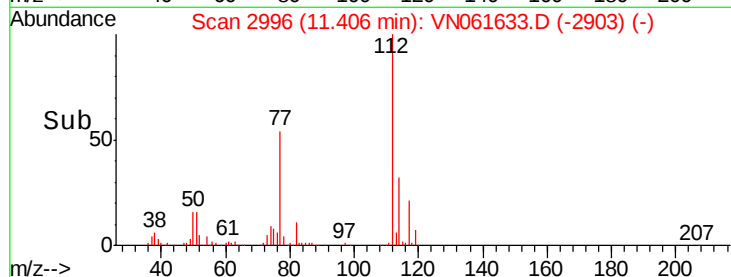
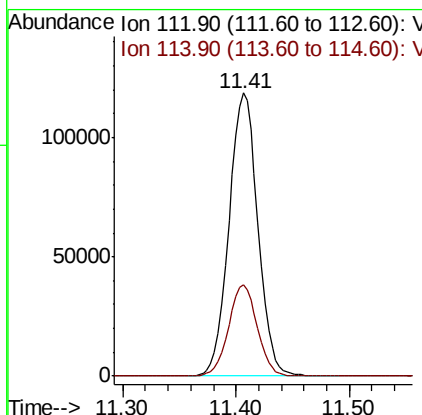
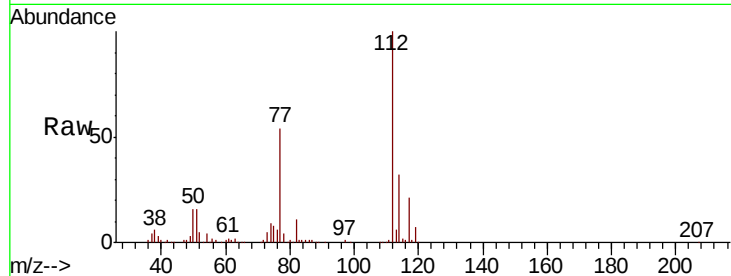




#65  
Chlorobenzene  
Concen: 20.303 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

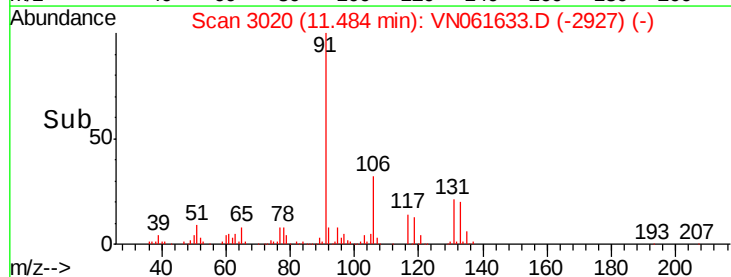
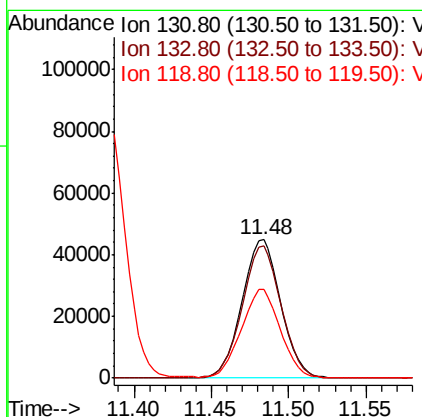
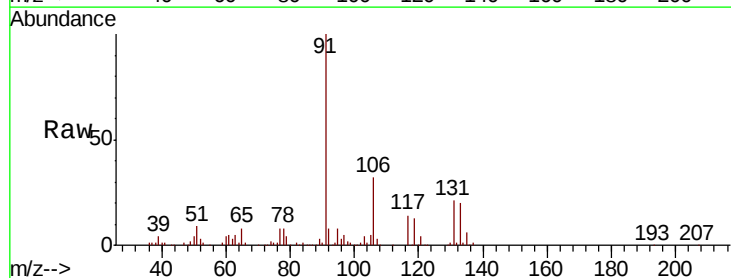
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBSD01

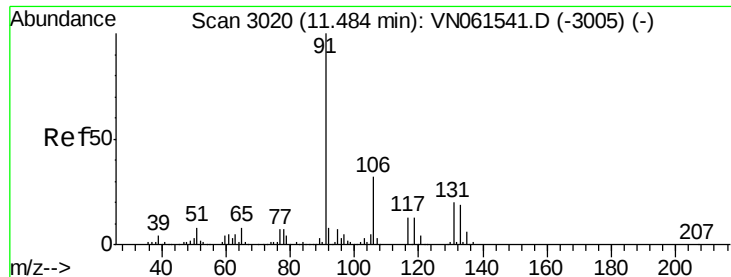
Tot Ion:112 Resp: 210196  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.234 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion:131 Resp: 77997  
Ion Ratio Lower Upper  
131 100  
133 96.5 47.4 142.2  
119 64.5 32.6 97.8

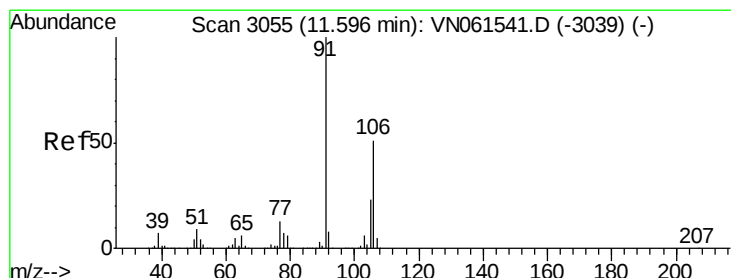
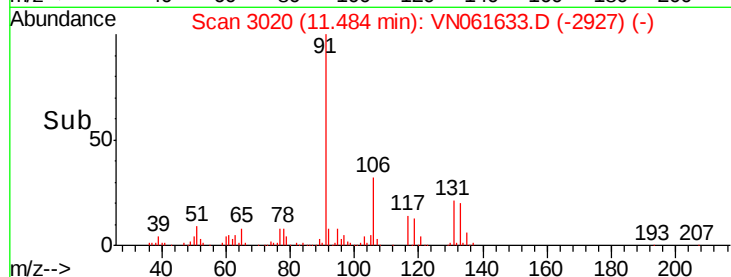
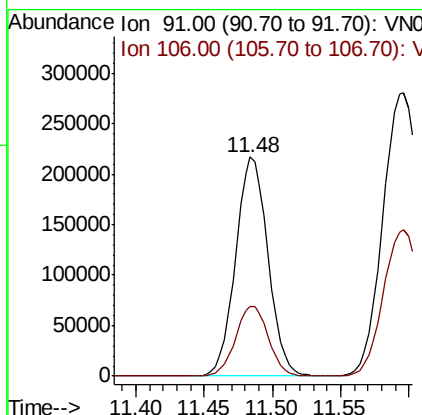
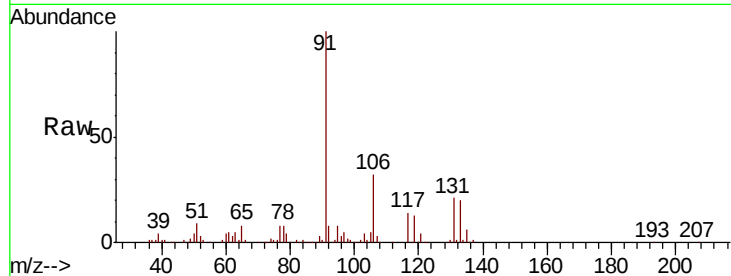




#67  
Ethyl Benzene  
Concen: 20.030 ug/l  
RT: 11.48 min Scan# 3020  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

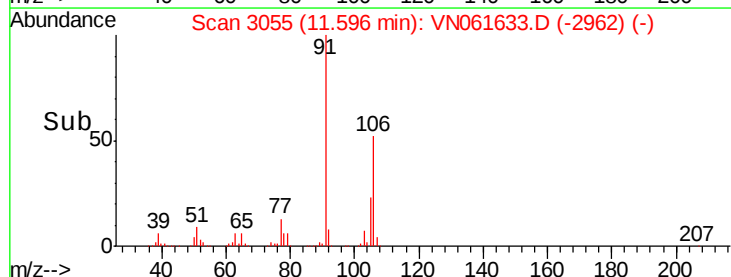
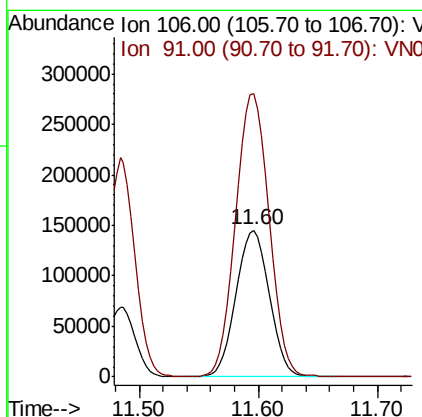
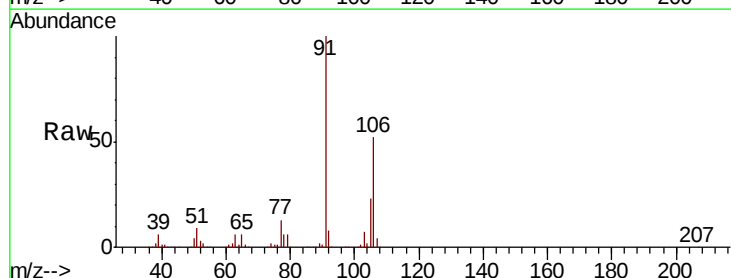
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBSD01

Tot Ion: 91 Resp: 358401  
Ion Ratio Lower Upper  
91 100  
106 32.1 25.6 38.4



#68  
m/p-Xylenes  
Concen: 39.620 ug/l  
RT: 11.60 min Scan# 3055  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion: 106 Resp: 281098  
Ion Ratio Lower Upper  
106 100  
91 195.2 156.2 234.4

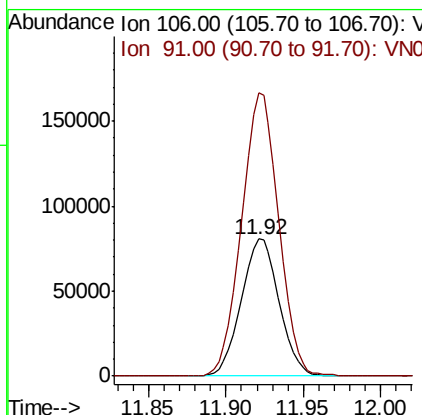
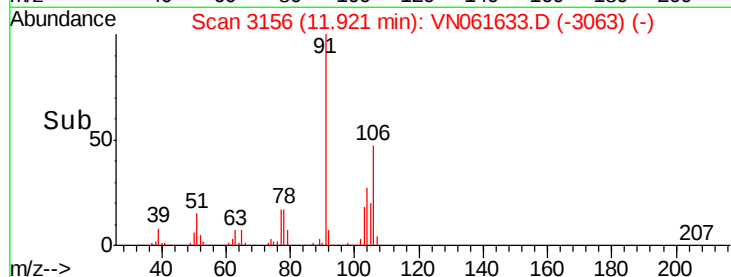
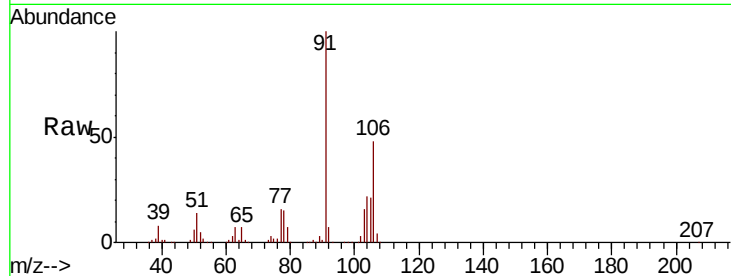




#69  
o-Xylene  
Concen: 20.363 ug/l  
RT: 11.92 min Scan# 3156  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

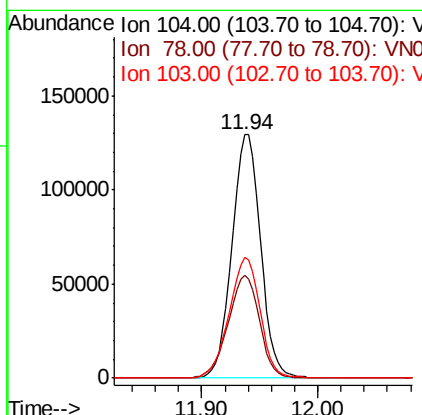
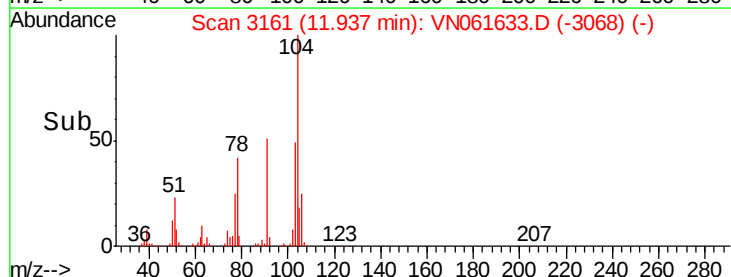
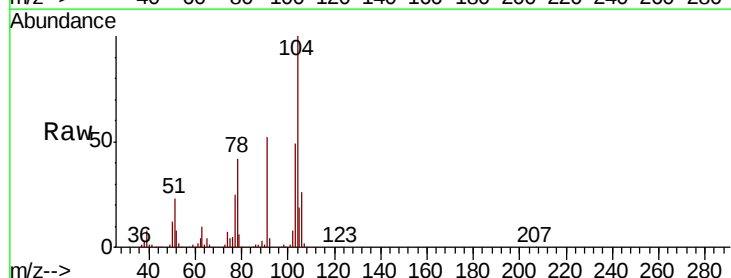
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBS01

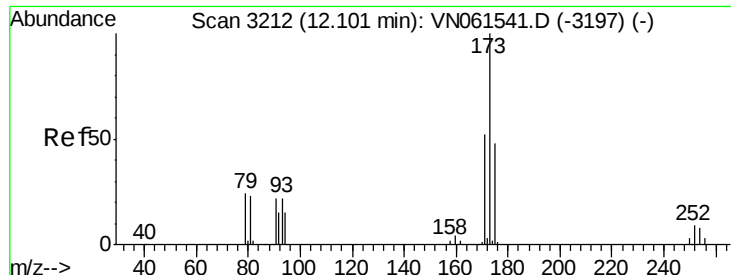
Tot Ion:106 Resp: 137220  
Ion Ratio Lower Upper  
106 100  
91 203.0 103.3 309.8



#70  
Styrene  
Concen: 19.788 ug/l  
RT: 11.94 min Scan# 3161  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion:104 Resp: 220828  
Ion Ratio Lower Upper  
104 100  
78 46.1 37.4 56.0  
103 53.6 42.3 63.5

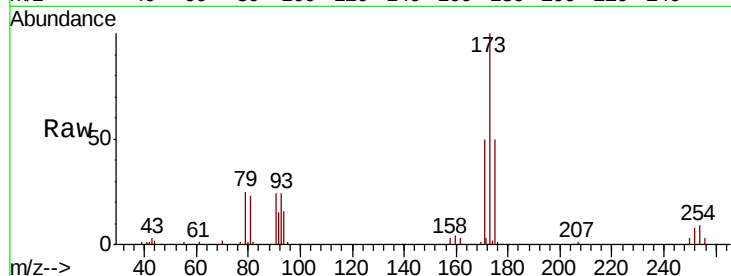




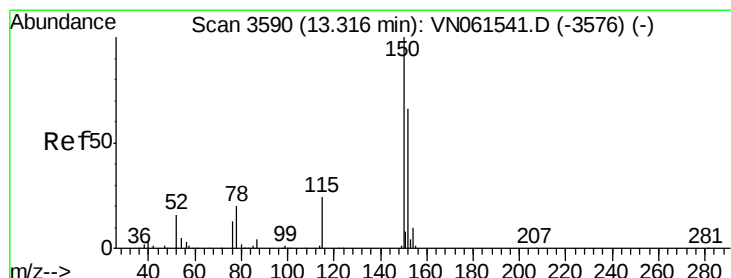
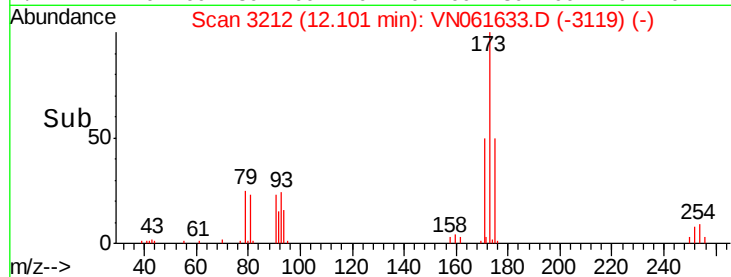
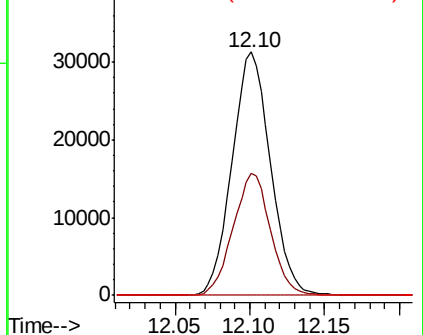
#71  
Bromoform  
Concen: 18.805 ug/l  
RT: 12.10 min Scan# 3212  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBSD01

Tot Ion:173 Resp: 55859  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.4 73.2  
254 0.0 0.0 0.0

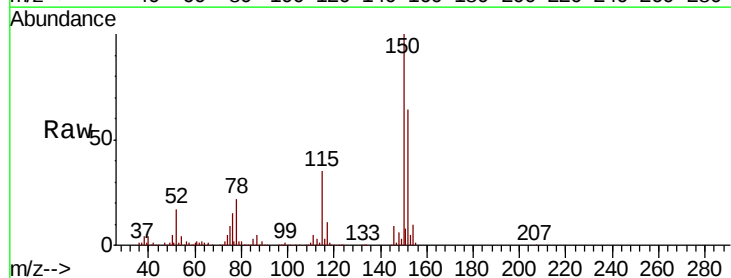


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

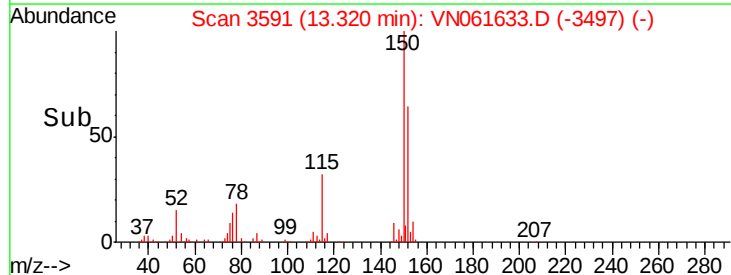
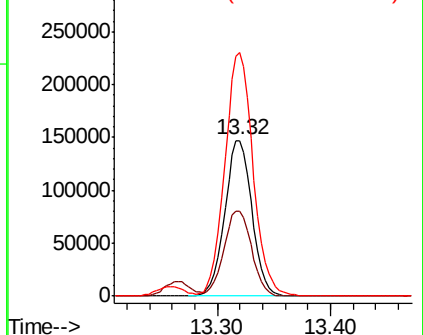


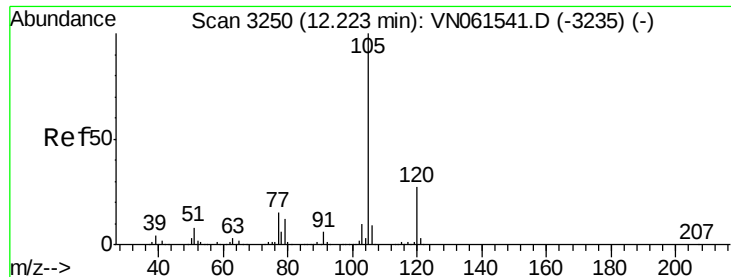
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.32 min Scan# 3591  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion:152 Resp: 245103  
Ion Ratio Lower Upper  
152 100  
115 56.0 28.0 84.0  
150 162.4 0.0 344.0



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





#73

Isopropylbenzene

Concen: 20.106 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

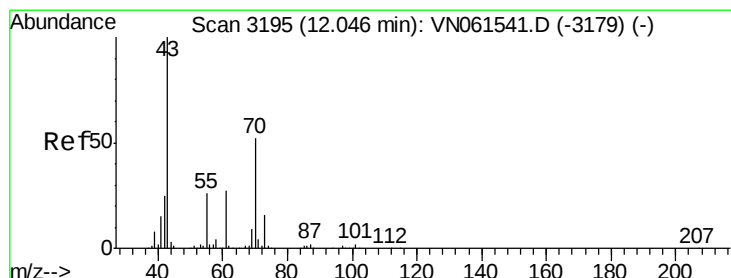
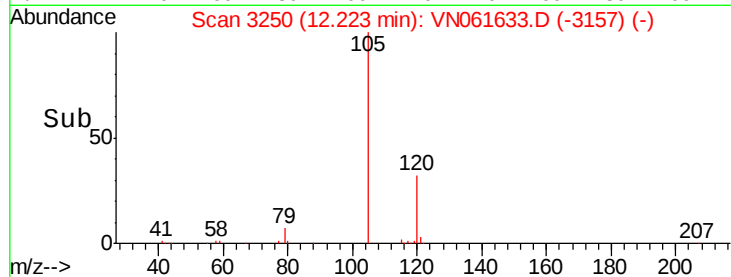
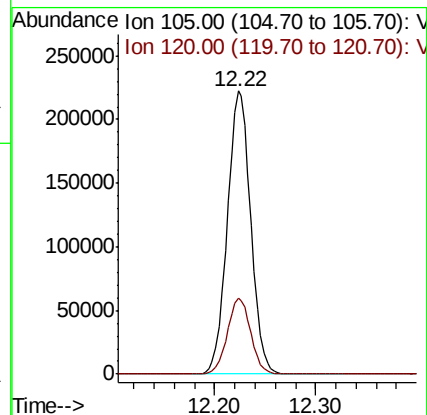
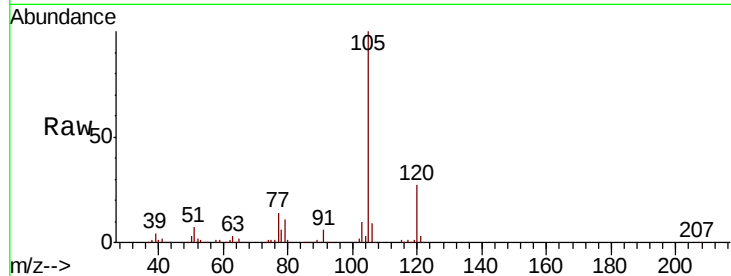
VN0603MBS01

Tot Ion:105 Resp: 359679

Ion Ratio Lower Upper

105 100

120 26.9 13.8 41.3



#74

N-ethyl acetate

Concen: 18.178 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Tgt Ion: 43 Resp: 102408

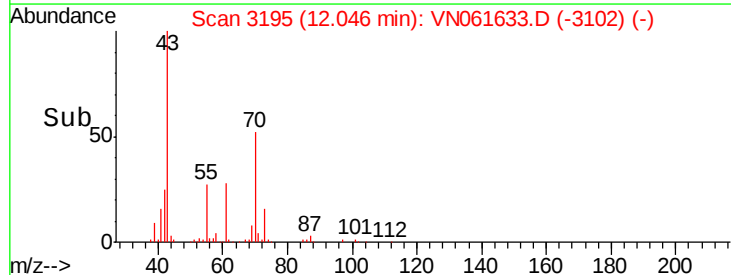
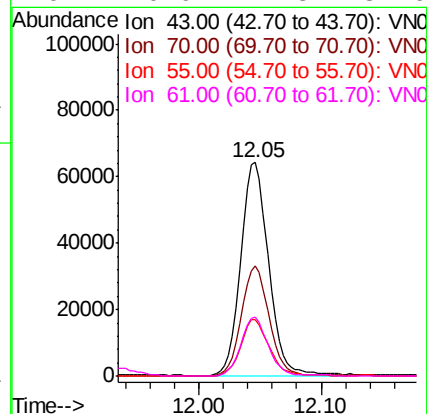
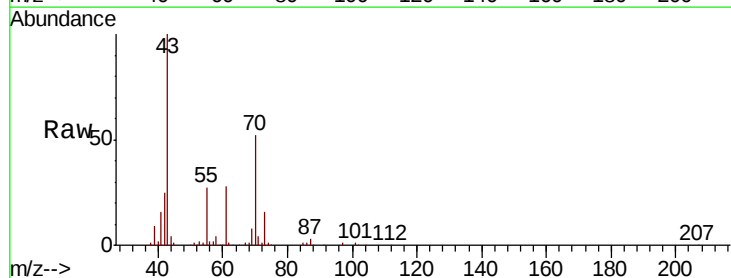
Ion Ratio Lower Upper

43 100

70 50.5 40.5 60.7

55 26.8 20.6 31.0

61 26.9 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.559 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

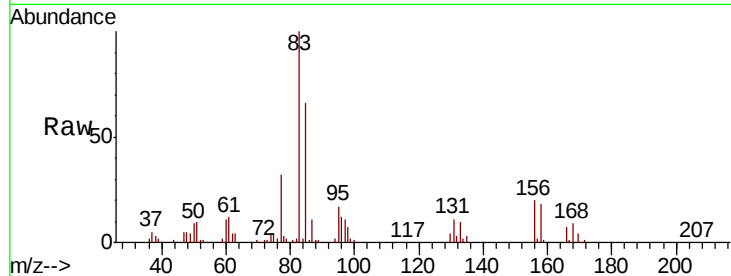
MSVOA\_N

ClientSampleId :

VN0603MBSD01

Tot Ion: 83 Resp: 93040

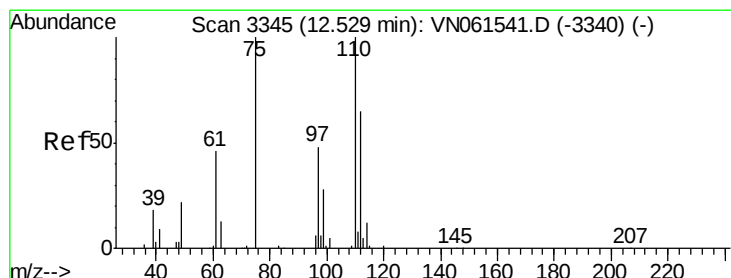
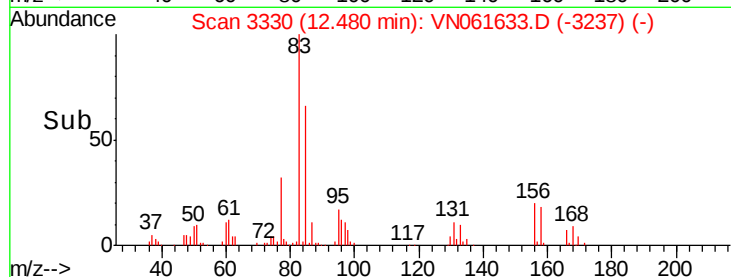
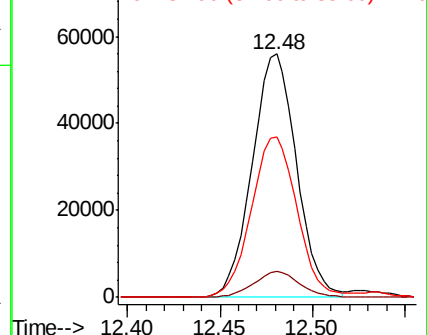
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 11.1  | 5.5   | 16.5  |
| 85  | 67.9  | 32.1  | 96.3  |



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.530 ug/l

RT: 12.53 min Scan# 3345

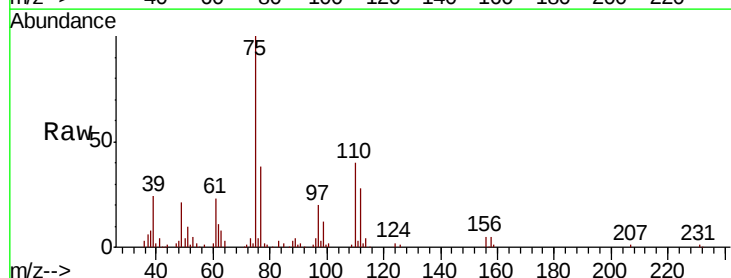
Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

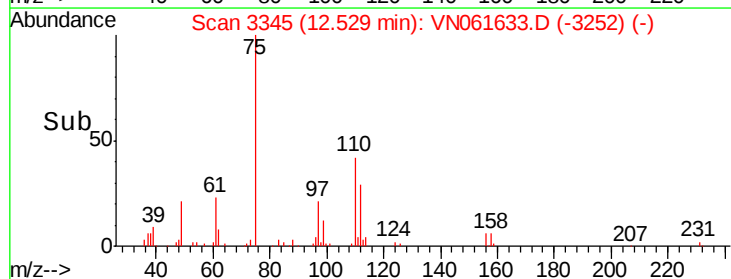
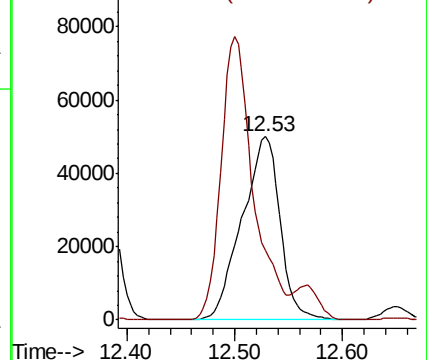
Tgt Ion: 75 Resp: 122700

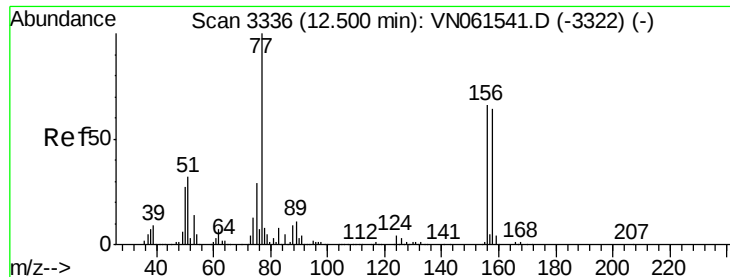
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 0.0   | 0.0   | 0.0   |



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.170 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0603MBSD01

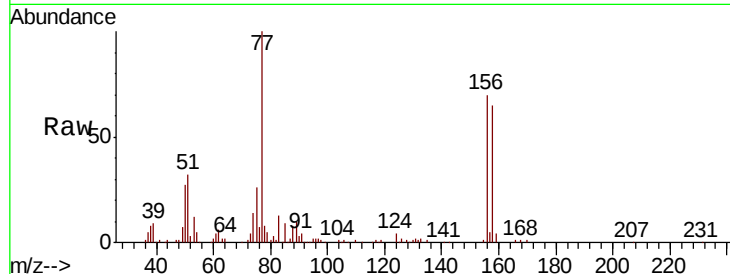
Tot Ion:156 Resp: 92102

Ion Ratio Lower Upper

156 100

77 174.5 90.9 272.7

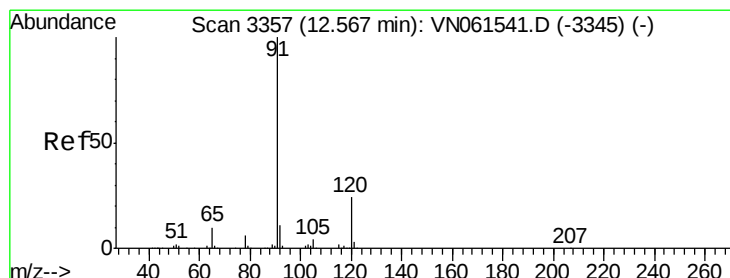
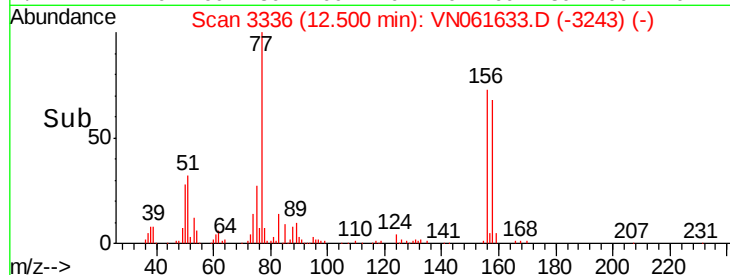
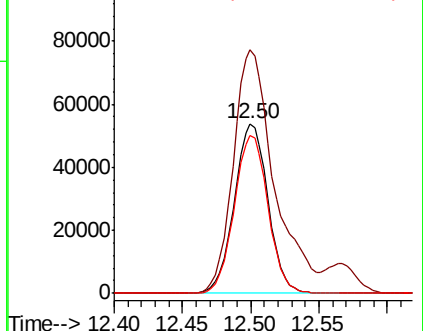
158 93.6 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.572 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061633.D

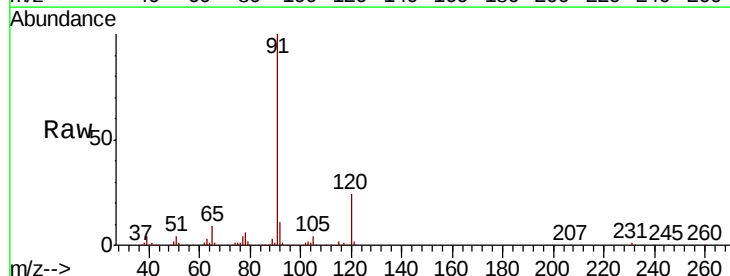
Acq: 3 Jun 2020 13:06

Tgt Ion: 91 Resp: 390881

Ion Ratio Lower Upper

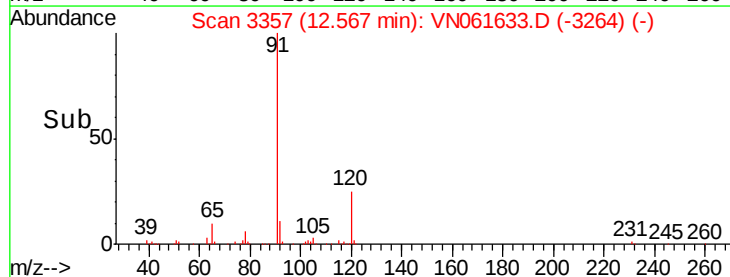
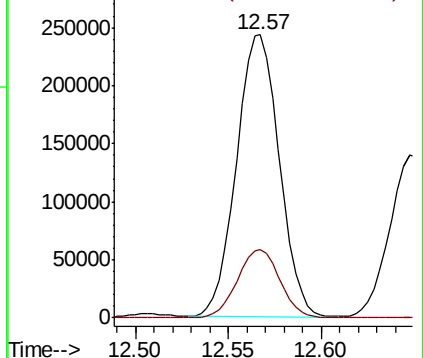
91 100

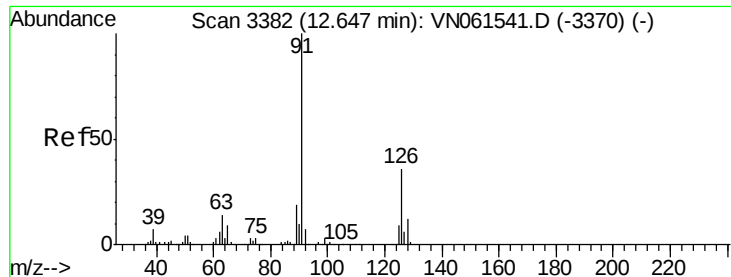
120 24.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V

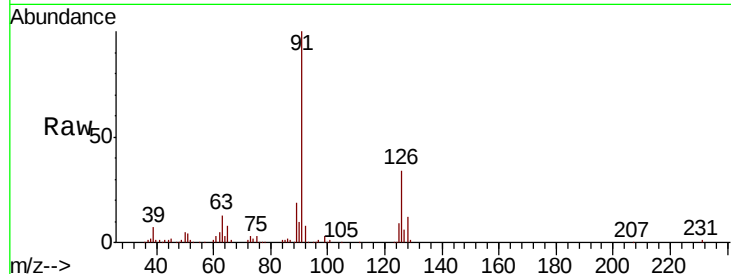




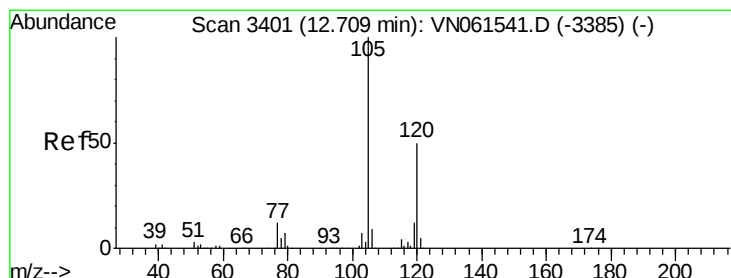
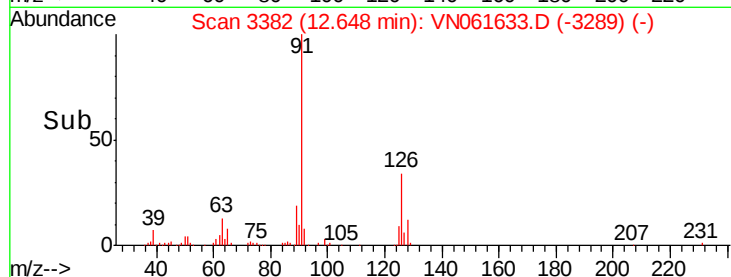
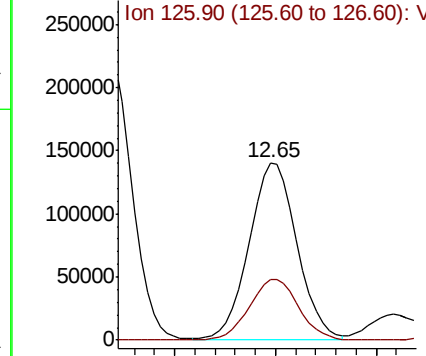
#79  
2-Chlorotoluene  
Concen: 19.359 ug/l  
RT: 12.65 min Scan# 3382  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBSD01

Tot Ion: 91 Resp: 230542  
Ion Ratio Lower Upper  
91 100  
126 35.8 17.9 53.7

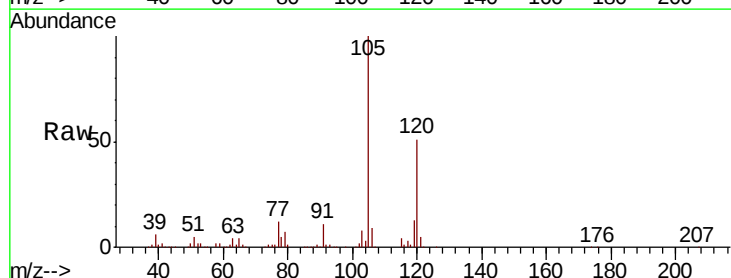


Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3370) (-)  
Ion 125.90 (125.60 to 126.60): VN061541.D (-3370) (-)

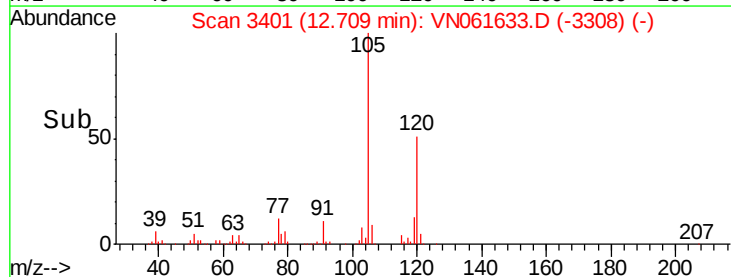
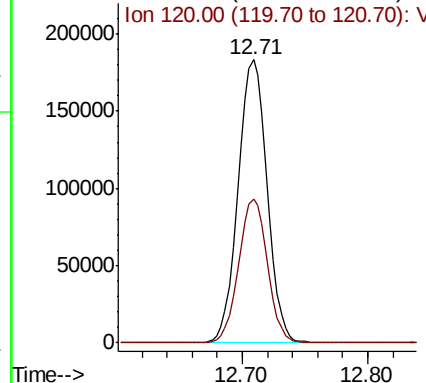


#80  
1,3,5-Trimethylbenzene  
Concen: 19.704 ug/l  
RT: 12.71 min Scan# 3401  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion: 105 Resp: 294614  
Ion Ratio Lower Upper  
105 100  
120 50.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3385) (-)  
Ion 120.00 (119.70 to 120.70): VN061541.D (-3385) (-)

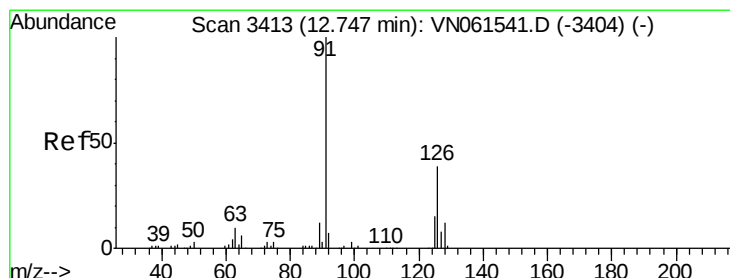
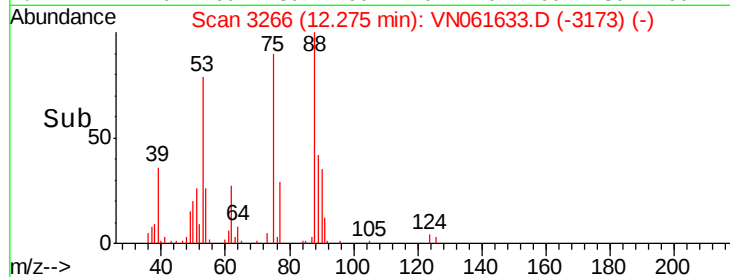
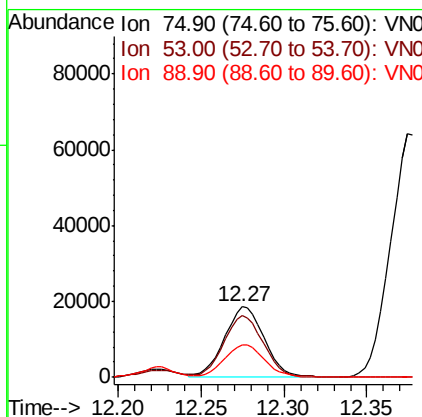
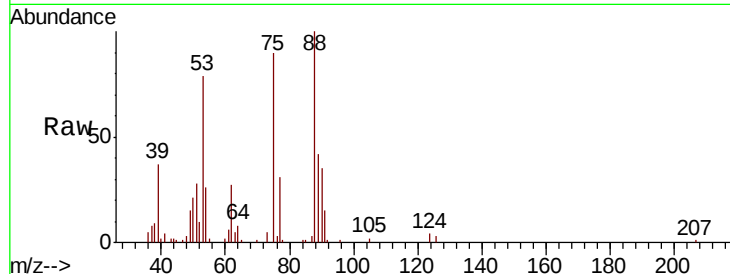




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.726 ug/l  
RT: 12.27 min Scan# 3266  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

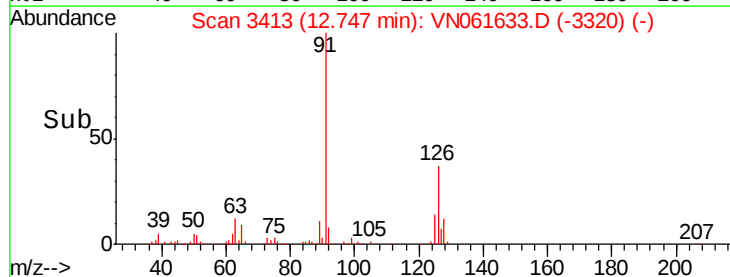
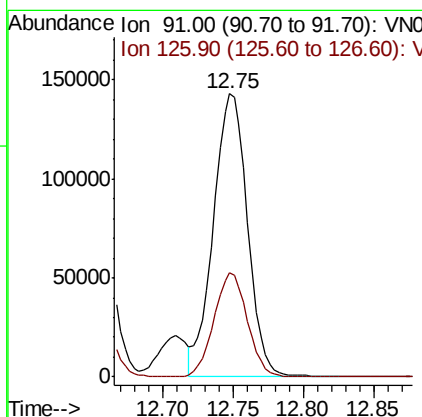
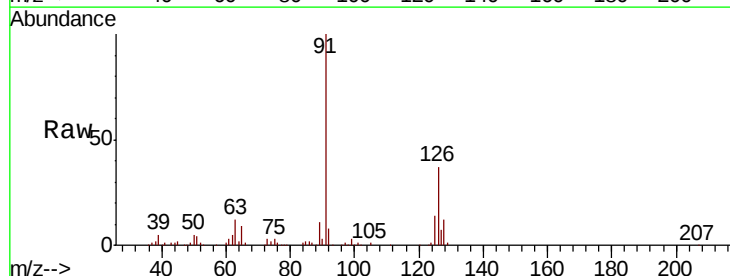
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBS01

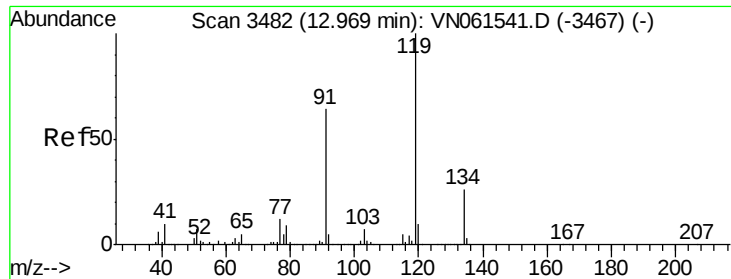
Tot Ion: 75 Resp: 30893  
Ion Ratio Lower Upper  
75 100  
53 87.9 67.8 101.8  
89 46.7 37.1 55.7



#82  
4-Chlorotoluene  
Concen: 19.057 ug/l  
RT: 12.75 min Scan# 3413  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion: 91 Resp: 238748  
Ion Ratio Lower Upper  
91 100  
126 36.2 17.5 52.6

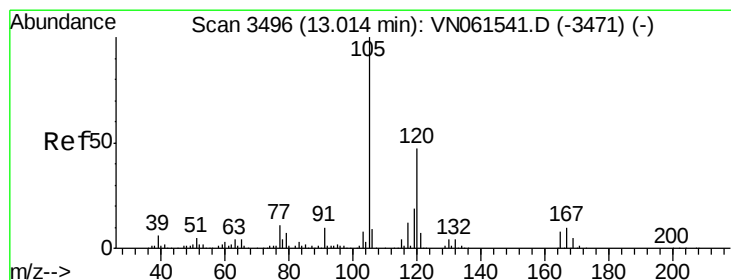
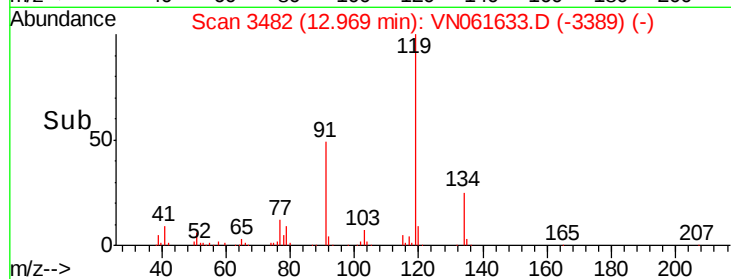
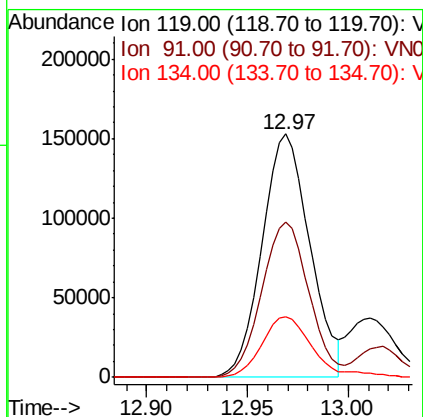
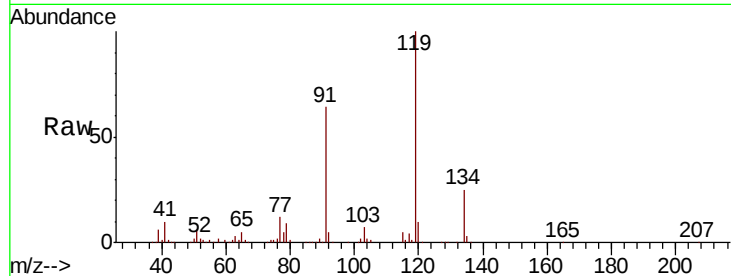




#83  
tert-Butylbenzene  
Concen: 19.098 ug/l  
RT: 12.97 min Scan# 3482  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

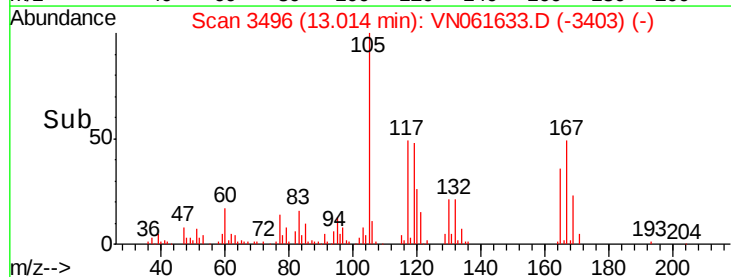
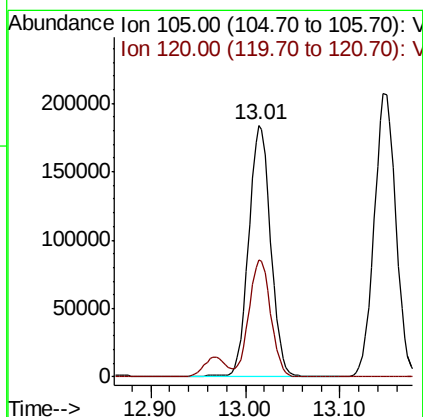
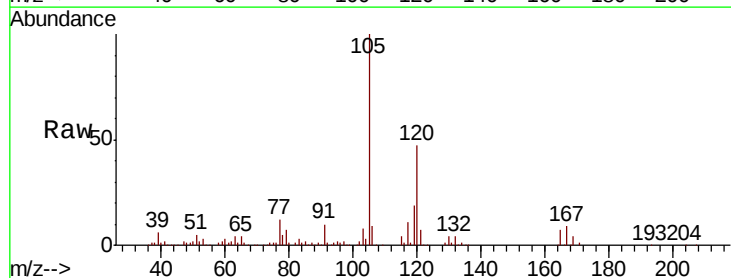
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0603MBSD01

Tot Ion:119 Resp: 252297  
Ion Ratio Lower Upper  
119 100  
91 63.3 31.3 93.8  
134 26.8 13.5 40.4



#84  
1,2,4-Trimethylbenzene  
Concen: 19.997 ug/l  
RT: 13.01 min Scan# 3496  
Delta R.T. 0.00 min  
Lab File: VN061633.D  
Acq: 3 Jun 2020 13:06

Tgt Ion:105 Resp: 297032  
Ion Ratio Lower Upper  
105 100  
120 46.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 19.354 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

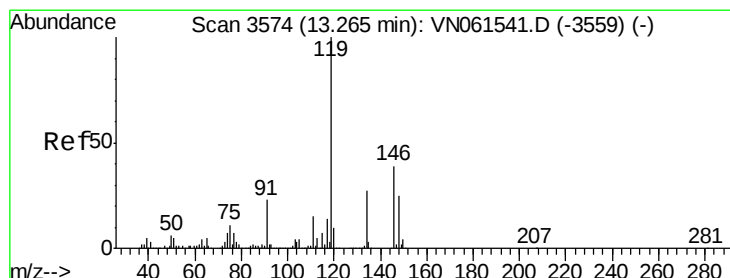
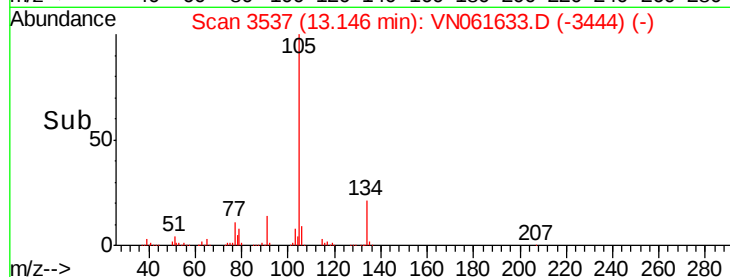
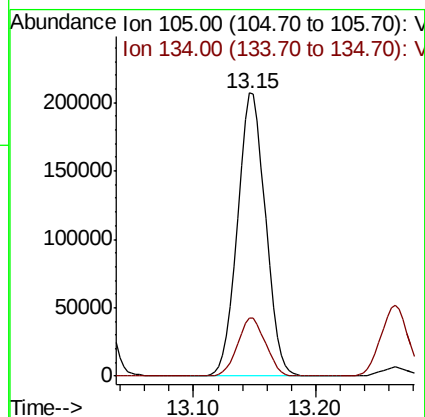
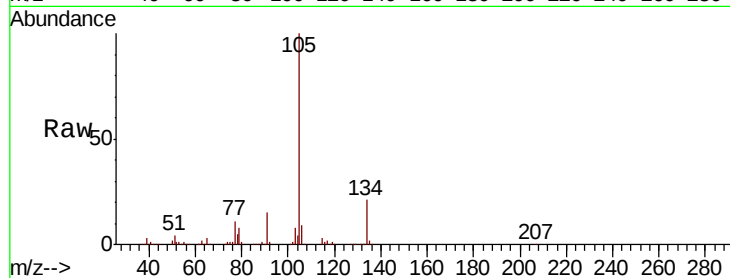
VN0603MBS01

Tot Ion:105 Resp: 329463

Ion Ratio Lower Upper

105 100

134 20.6 10.7 31.9



#86

p-Isopropyltoluene

Concen: 19.294 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

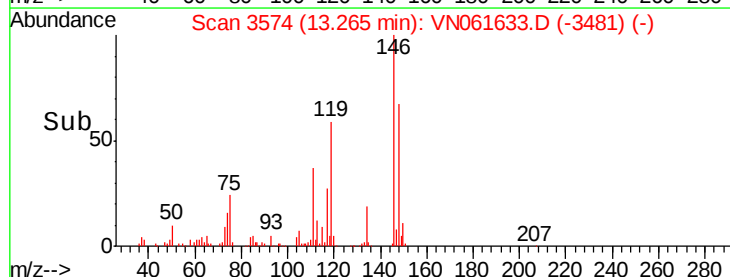
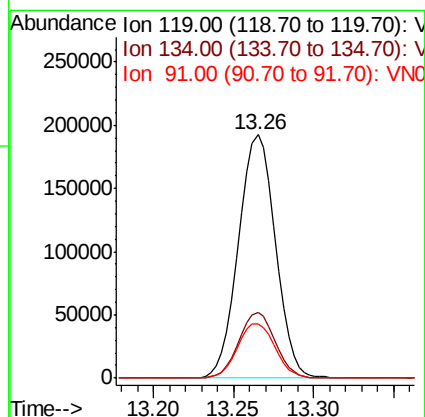
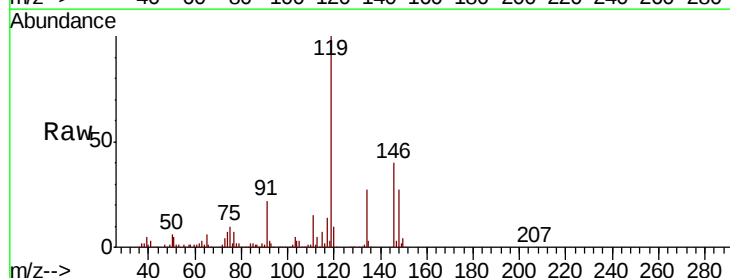
Tgt Ion:119 Resp: 302474

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.5

91 22.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.809 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0603MBSD01

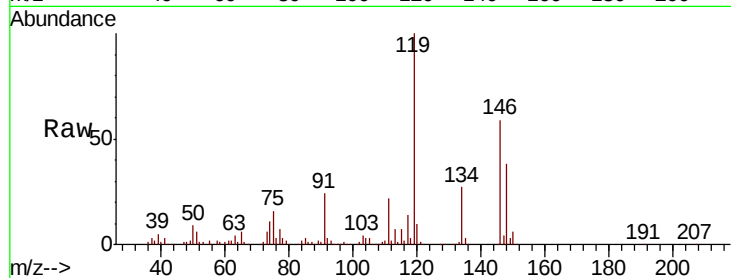
Tot Ion:146 Resp: 160178

Ion Ratio Lower Upper

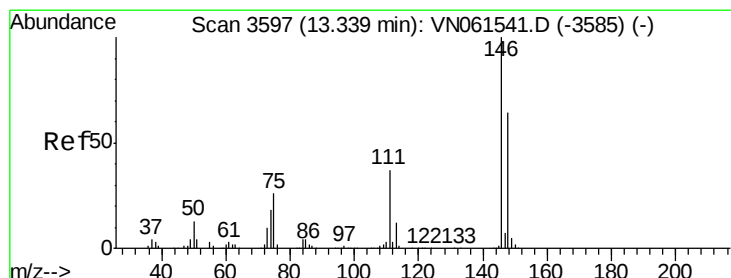
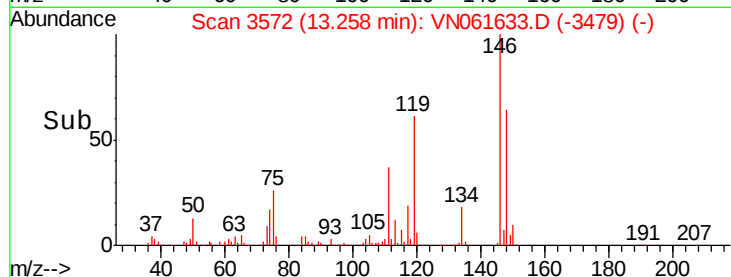
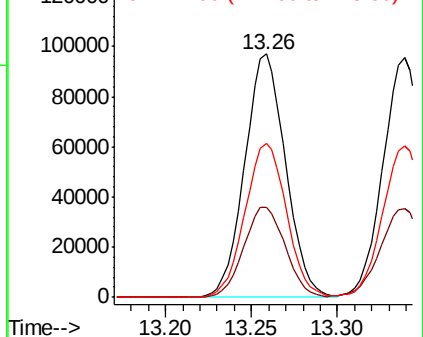
146 100

111 37.7 19.2 57.6

148 64.2 31.7 95.1



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



#88

1,4-Dichlorobenzene

Concen: 19.169 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

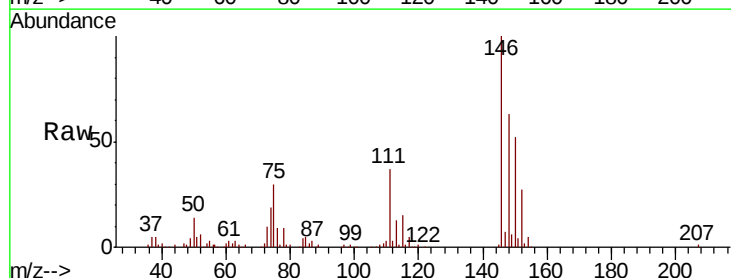
Tgt Ion:146 Resp: 157906

Ion Ratio Lower Upper

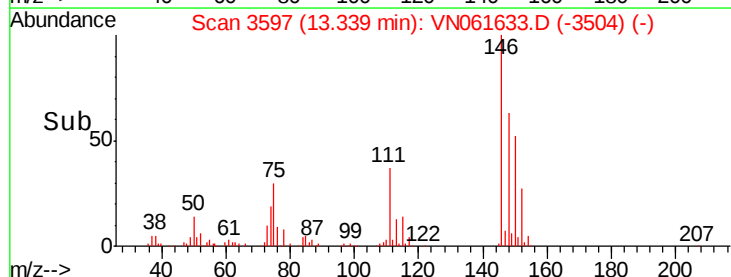
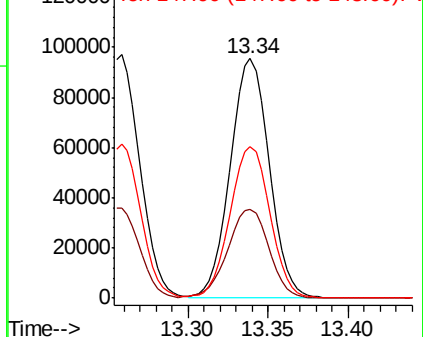
146 100

111 39.1 18.9 56.9

148 64.9 31.8 95.3



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





#89

n-Butylbenzene

Concen: 18.137 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0603MBSD01

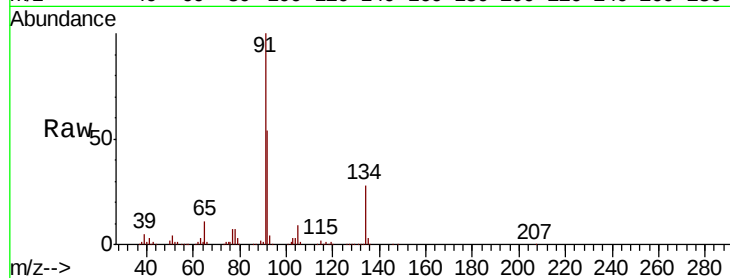
Tot Ion: 91 Resp: 238151

Ion Ratio Lower Upper

91 100

92 53.7 27.2 81.6

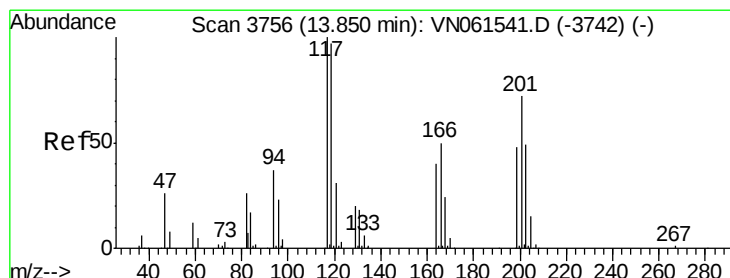
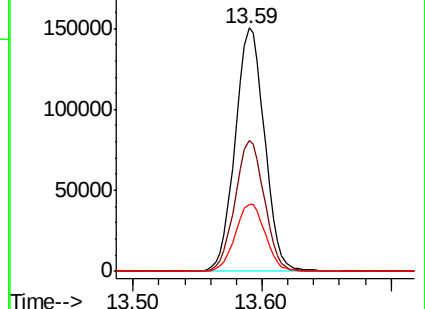
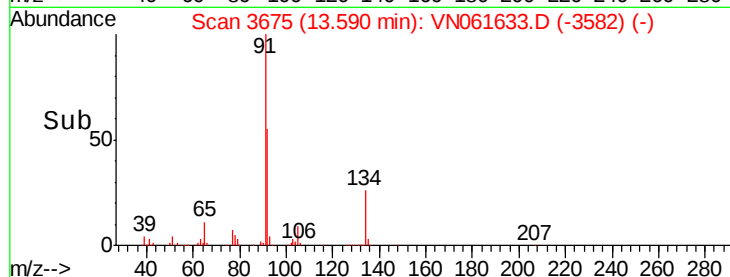
134 28.1 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)



#90

Hexachloroethane

Concen: 21.551 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061633.D

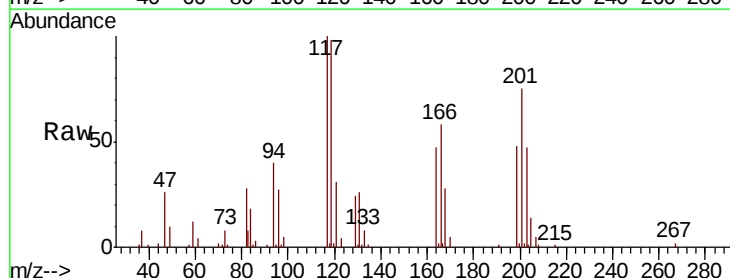
Acq: 3 Jun 2020 13:06

Tgt Ion: 117 Resp: 37364

Ion Ratio Lower Upper

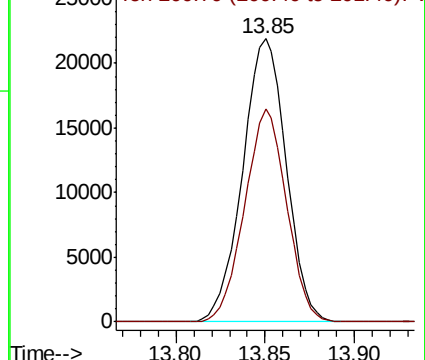
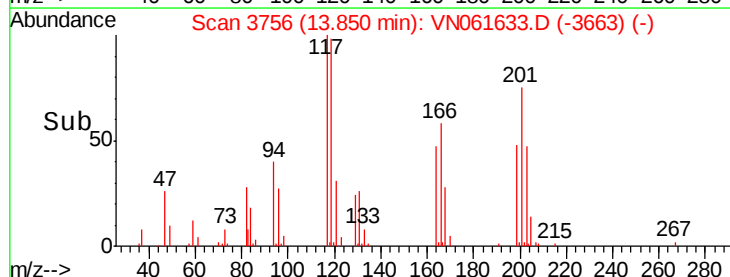
117 100

201 72.2 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 20.375 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0603MBS01

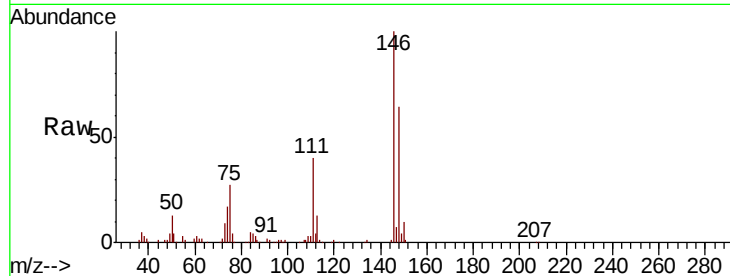
Tot Ion:146 Resp: 157447

Ion Ratio Lower Upper

146 100

111 40.0 20.1 60.2

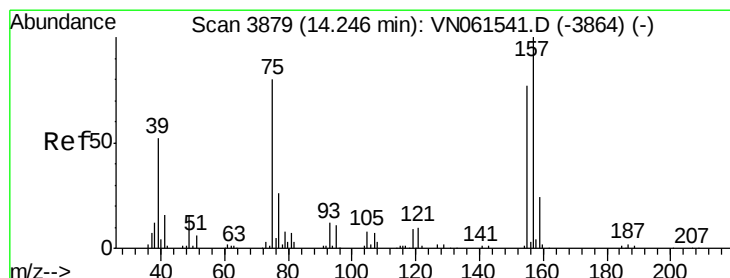
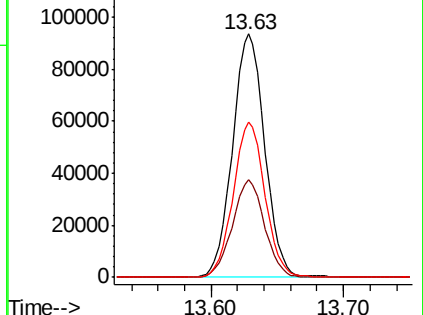
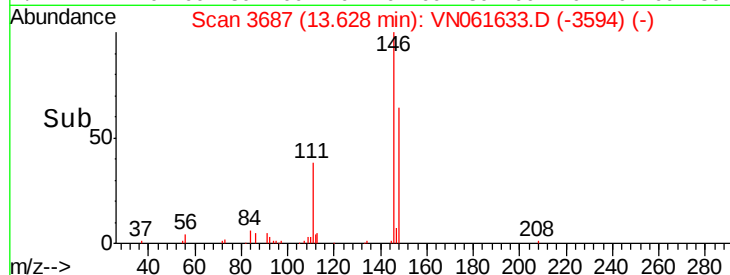
148 62.9 31.9 95.5



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: 17.363 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

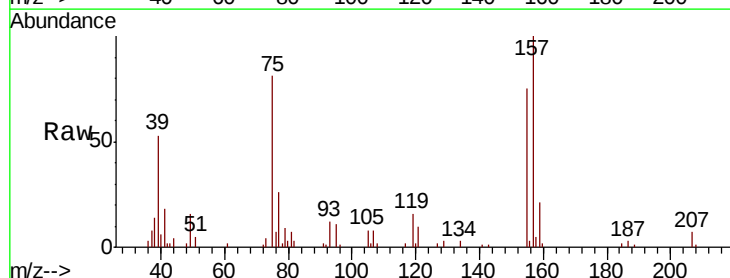
Tgt Ion: 75 Resp: 17752

Ion Ratio Lower Upper

75 100

155 94.2 47.1 141.4

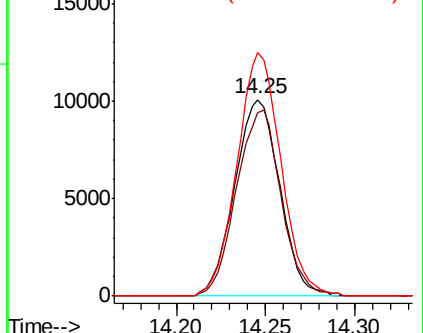
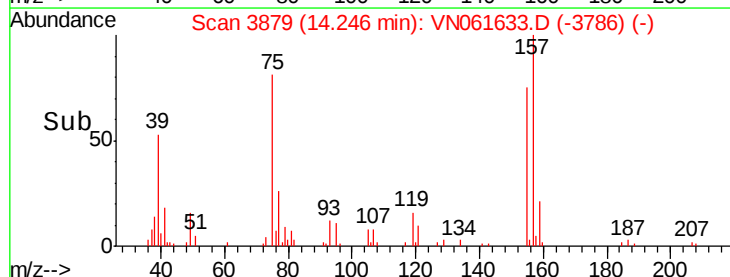
157 121.4 60.3 180.8

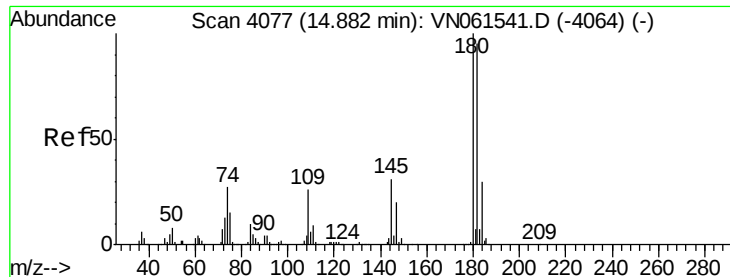


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

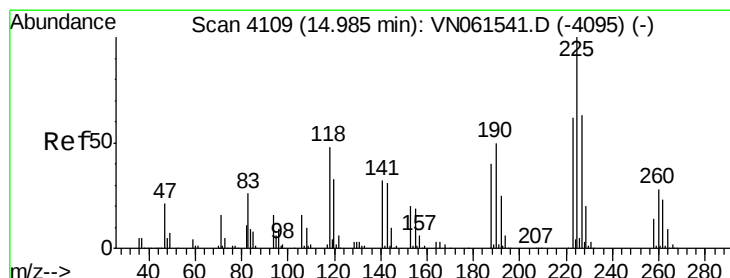
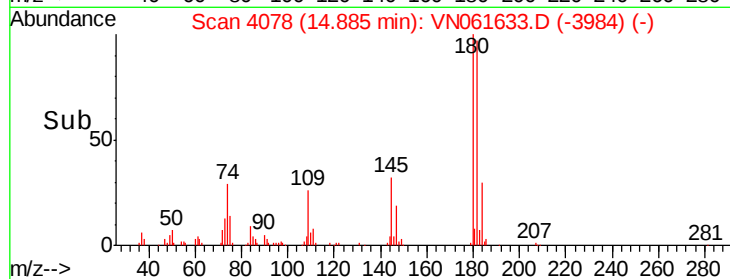
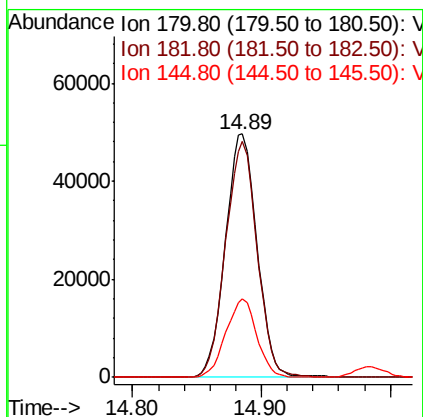
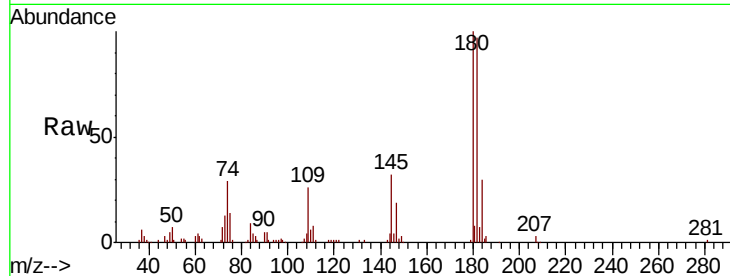




#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.681 ug/l  
 RT: 14.89 min Scan# 4078  
 Delta R.T. 0.00 min  
 Lab File: VN061633.D  
 Acq: 3 Jun 2020 13:06

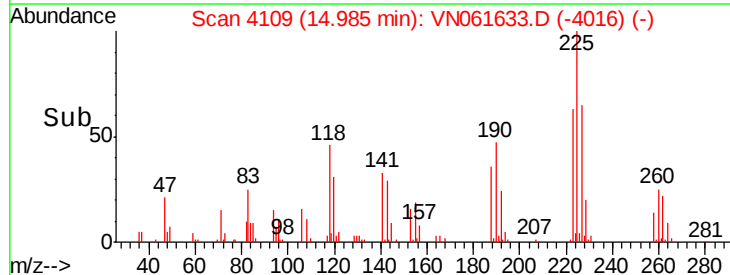
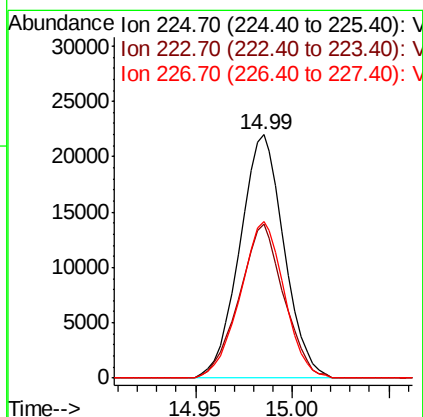
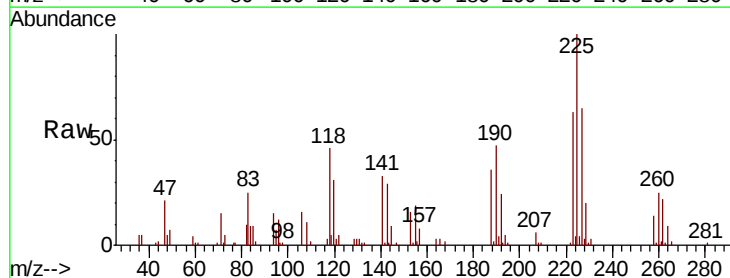
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0603MBSD01

Tot Ion:180 Resp: 84427  
 Ion Ratio Lower Upper  
 180 100  
 182 96.4 47.8 143.3  
 145 31.6 15.5 46.5



#94  
 Hexachlorobutadiene  
 Concen: 18.188 ug/l  
 RT: 14.99 min Scan# 4109  
 Delta R.T. 0.00 min  
 Lab File: VN061633.D  
 Acq: 3 Jun 2020 13:06

Tgt Ion:225 Resp: 35056  
 Ion Ratio Lower Upper  
 225 100  
 223 63.6 31.9 95.5  
 227 63.8 31.9 95.9





#95

Naphthalene

Concen: 18.608 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

Instrument :

MSVOA\_N

ClientSampleId :

VN0603MBSD01

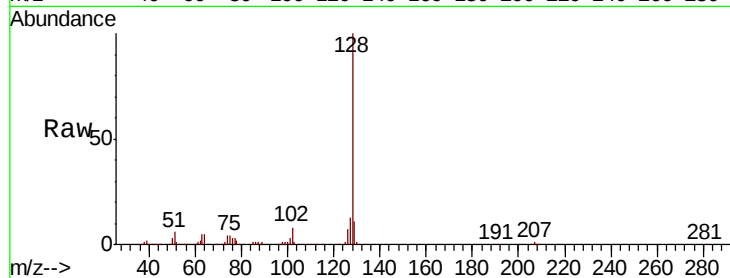
Tot Ion:128 Resp: 255975

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

129 10.9 8.5 12.7



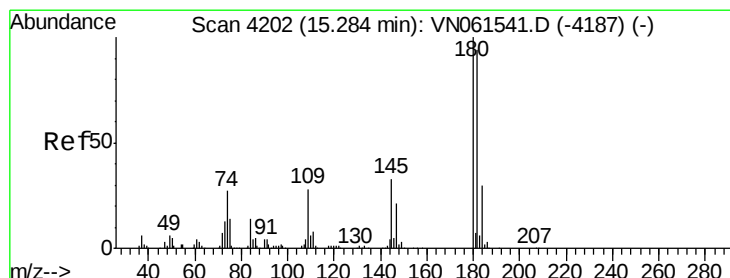
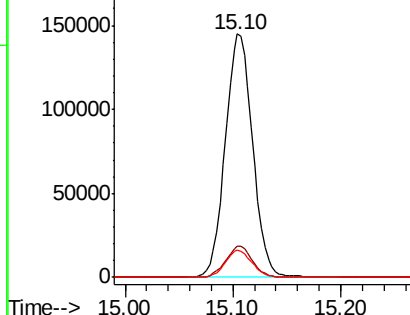
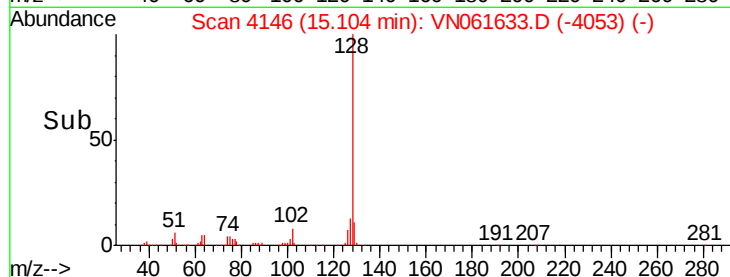
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.10



#96

1,2,3-Trichlorobenzene

Concen: 19.155 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061633.D

Acq: 3 Jun 2020 13:06

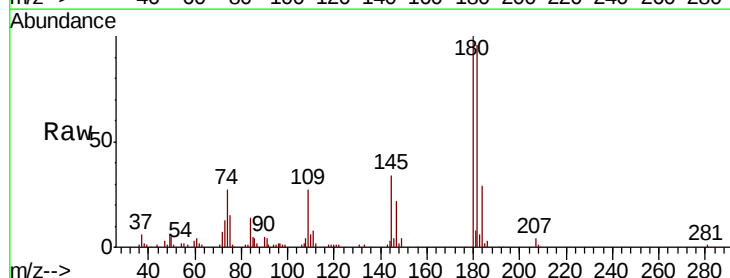
Tgt Ion:180 Resp: 85117

Ion Ratio Lower Upper

180 100

182 95.1 47.1 141.3

145 33.3 16.3 48.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.28

