

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\  
 Data File : VN059779.D  
 Acq On : 20 Jan 2020 11:51  
 Operator : JC/MD  
 Sample : VN0120WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jan 21 01:15:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jan 18 03:09:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.64  | 168  | 207603   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 316113   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 283269   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 134151   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.00   | 65  | 124771   | 54.12 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.24% |      |
| 35) Dibromofluoromethane  | 7.56   | 113 | 108085   | 57.34 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 114.68% |      |
| 50) Toluene-d8            | 10.08  | 98  | 405212   | 55.48 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.96% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 143827   | 54.62 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.24% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 53694  | 21.641  | ug/l   | 99     |
| 3) Chloromethane              | 2.04 | 50  | 47964  | 20.180  | ug/l   | 97     |
| 4) Vinyl Chloride             | 2.17 | 62  | 59978  | 22.055  | ug/l   | 98     |
| 5) Bromomethane               | 2.55 | 94  | 37147  | 22.383  | ug/l   | 100    |
| 6) Chloroethane               | 2.69 | 64  | 28159  | 21.887  | ug/l   | 95     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 73143  | 22.396  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.38 | 74  | 25163  | 21.954  | ug/l   | 84     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 41992  | 23.102  | ug/l   | 91     |
| 10) Methyl Iodide             | 3.93 | 142 | 62778  | 21.367  | ug/l   | 95     |
| 11) Tert butyl alcohol        | 4.73 | 59  | 39811  | 102.575 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 3.72 | 96  | 41081  | 21.629  | ug/l   | 89     |
| 13) Acrolein                  | 3.58 | 56  | 15889  | 57.833  | ug/l   | 100    |
| 14) Allyl chloride            | 4.29 | 41  | 54098  | 21.131  | ug/l # | 83     |
| 15) Acrylonitrile             | 4.94 | 53  | 94371  | 106.595 | ug/l   | 100    |
| 16) Acetone                   | 3.78 | 43  | 88166  | 106.371 | ug/l   | 96     |
| 17) Carbon Disulfide          | 4.03 | 76  | 110929 | 20.502  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.29 | 43  | 57167  | 21.228  | ug/l   | 91     |
| 19) Methyl tert-butyl Ether   | 5.00 | 73  | 137000 | 22.123  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.52 | 84  | 47084  | 21.844  | ug/l   | 87     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 43836  | 21.712  | ug/l   | 87     |
| 22) Diisopropyl ether         | 5.92 | 45  | 124652 | 21.486  | ug/l   | 96     |
| 23) Vinyl Acetate             | 5.86 | 43  | 474037 | 105.532 | ug/l   | 95     |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 76179  | 21.489  | ug/l   | 97     |
| 25) 2-Butanone                | 6.80 | 43  | 126545 | 96.926  | ug/l # | 90     |
| 26) 2,2-Dichloropropane       | 6.80 | 77  | 72737  | 21.343  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96  | 51307  | 22.094  | ug/l   | 86     |
| 28) Bromochloromethane        | 7.17 | 49  | 28905  | 20.401  | ug/l # | 70     |
| 29) Tetrahydrofuran           | 7.18 | 42  | 82027  | 101.545 | ug/l   | 88     |
| 30) Chloroform                | 7.35 | 83  | 80922  | 22.032  | ug/l   | 98     |
| 31) Cyclohexane               | 7.63 | 56  | 70542  | 20.680  | ug/l # | 87     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 75695  | 22.289  | ug/l   | 95     |
| 36) 1,1-Dichloropropene       | 7.77 | 75  | 60077  | 21.824  | ug/l   | 95     |
| 37) Ethyl Acetate             | 6.89 | 43  | 53402  | 20.683  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 7.75 | 117 | 67388  | 22.504  | ug/l   | 99     |

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 Sample : VN0120WBS01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Jan 21 01:15:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jan 18 03:09:32 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.06  | 83   | 73585    | 21.679  | ug/l   | 91       |
| 40) Benzene                    | 8.02  | 78   | 177626   | 21.636  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 76345    | 60.032  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 61852    | 22.220  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 8.14  | 43   | 91424    | 20.586  | ug/l # | 94       |
| 44) Trichloroethene            | 8.82  | 130  | 51916    | 23.164  | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 44894    | 22.098  | ug/l   | 98       |
| 46) Dibromomethane             | 9.19  | 93   | 31969    | 22.308  | ug/l   | 90       |
| 47) Bromodichloromethane       | 9.39  | 83   | 65499    | 22.681  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.18  | 41   | 39678    | 19.974  | ug/l   | 87       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 15275    | 420.051 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 263342   | 102.579 | ug/l   | 94       |
| 52) Toluene                    | 10.14 | 92   | 116373   | 22.441  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 71169    | 22.071  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.82  | 75   | 76844    | 22.649  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 46360    | 22.572  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 66228    | 21.103  | ug/l   | 90       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 73016    | 22.392  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 103391   | 109.377 | ug/l   | 90       |
| 59) 2-Hexanone                 | 10.74 | 43   | 188778   | 99.816  | ug/l   | 93       |
| 60) Dibromochloromethane       | 10.89 | 129  | 53773    | 22.991  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.99 | 107  | 47914    | 22.258  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.62 | 164  | 52384    | 22.690  | ug/l   | 94       |
| 65) Chlorobenzene              | 11.43 | 112  | 125843   | 22.602  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 49635    | 23.071  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.50 | 91   | 223655   | 22.128  | ug/l   | 96       |
| 68) m/p-Xylenes                | 11.62 | 106  | 172043   | 45.062  | ug/l   | 93       |
| 69) o-Xylene                   | 11.94 | 106  | 83356    | 22.301  | ug/l   | 94       |
| 70) Styrene                    | 11.96 | 104  | 135034   | 21.590  | ug/l   | 96       |
| 71) Bromoform                  | 12.12 | 173  | 39214    | 22.755  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.25 | 105  | 222660   | 22.631  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.07 | 43   | 76932    | 20.152  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 61527    | 21.572  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 83846    | 37.139  | ug/l # | 100      |
| 77) Bromobenzene               | 12.52 | 156  | 56548    | 22.696  | ug/l   | 80       |
| 78) n-propylbenzene            | 12.59 | 91   | 248389   | 22.493  | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 147242   | 22.413  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 187773   | 22.694  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 22007    | 20.934  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 149570   | 22.699  | ug/l   | 95       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 161007   | 22.499  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 186813   | 22.822  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.17 | 105  | 214596   | 22.824  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.28 | 119  | 196329   | 22.567  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 98644    | 22.793  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 98426    | 22.797  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.61 | 91   | 165499   | 22.311  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.87 | 117  | 35593    | 21.867  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 96668    | 22.593  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.26 | 75   | 13539    | 20.900  | ug/l   | 82       |

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Sample : VN0120WBS01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Jan 21 01:15:01 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jan 18 03:09:32 2020  
Response via : Initial Calibration

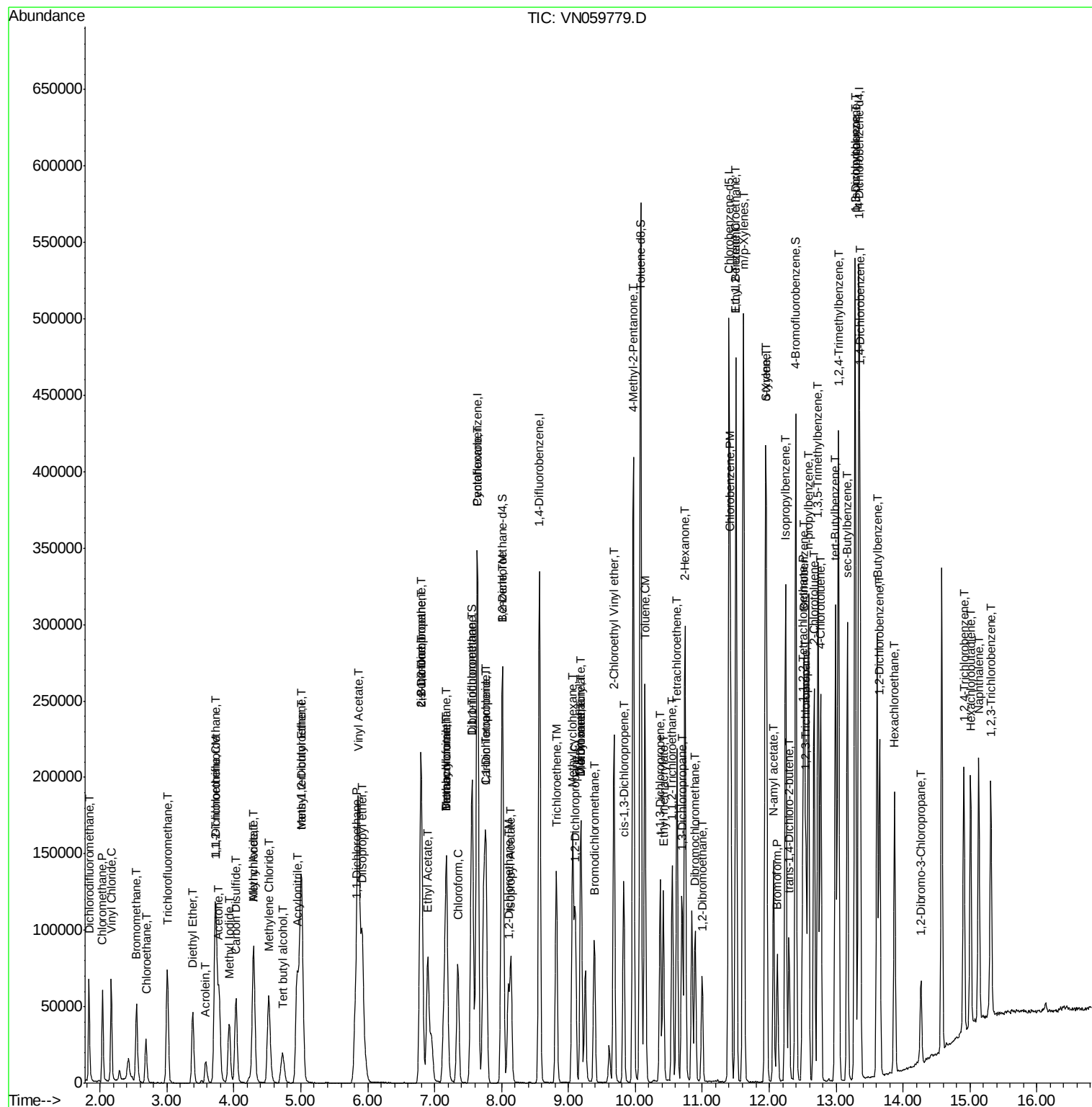
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 58035    | 22.574 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 32974    | 23.275 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 148204   | 20.267 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 55203    | 22.060 | ug/l  | 98       |

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

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Quant Time: Jan 21 01:15:01 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N011320W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jan 18 03:09:32 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

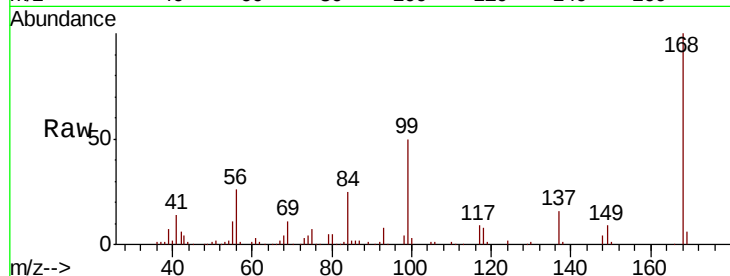
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:168 Resp: 207603

Ion Ratio Lower Upper

168 100

99 50.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

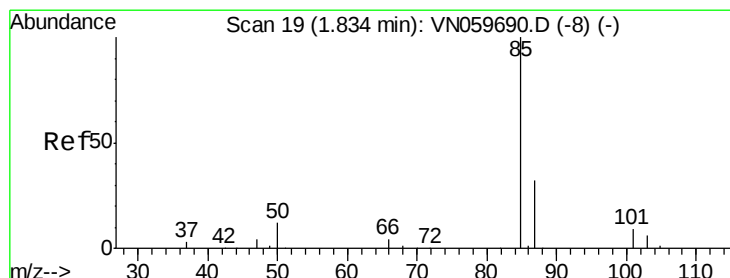
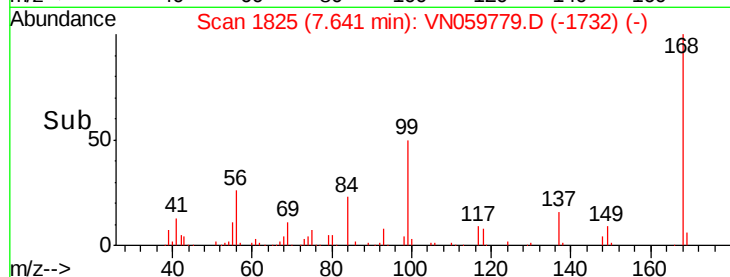
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 21.641 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059779.D

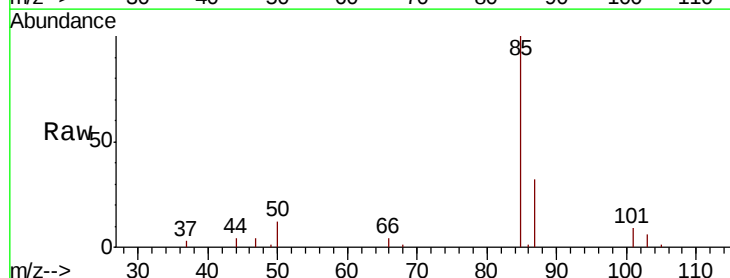
Acq: 20 Jan 2020 11:51

Tgt Ion: 85 Resp: 53694

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

30000

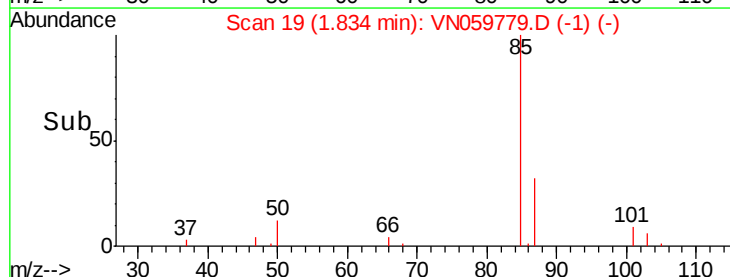
20000

10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 20.180 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

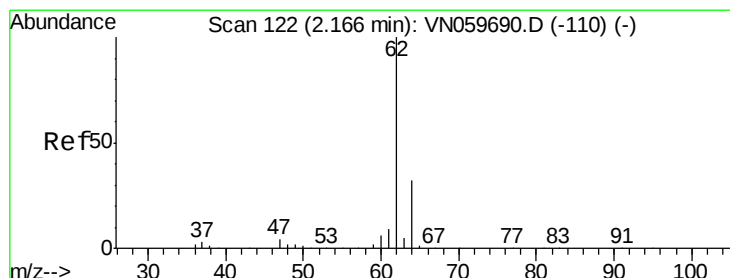
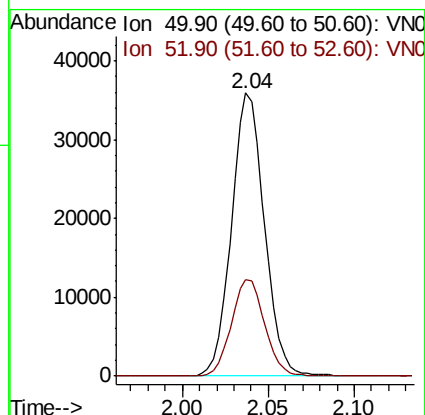
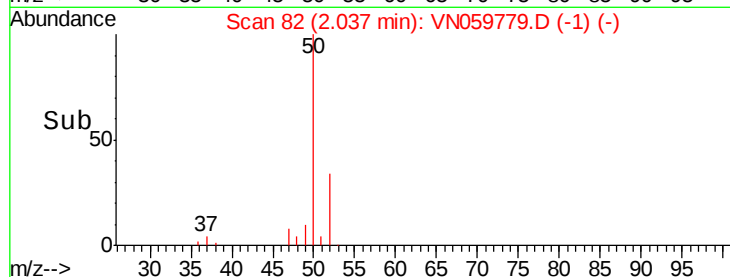
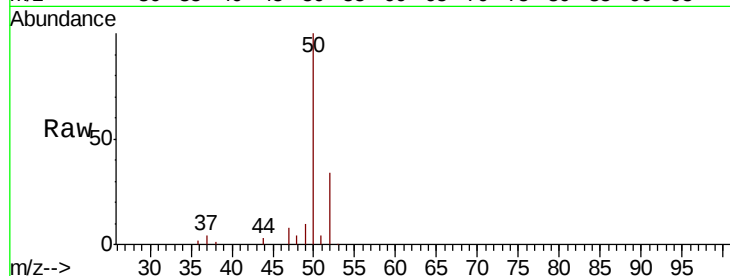
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 50 Resp: 47964

Ion Ratio Lower Upper

50 100

52 34.2 25.9 38.9



#4

Vinyl Chloride

Concen: 22.055 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059779.D

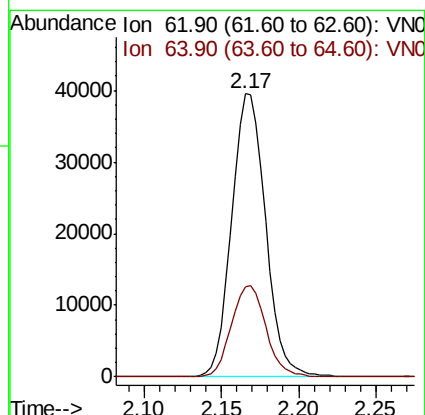
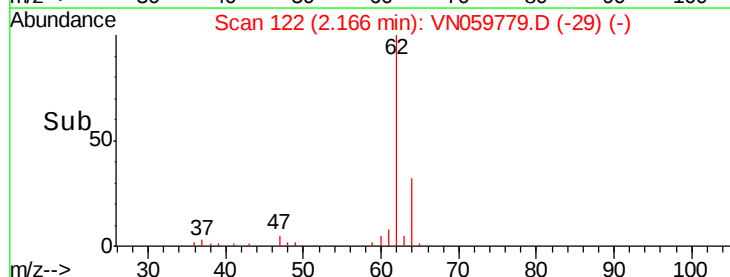
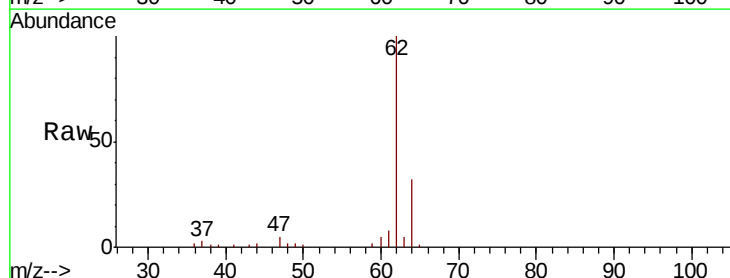
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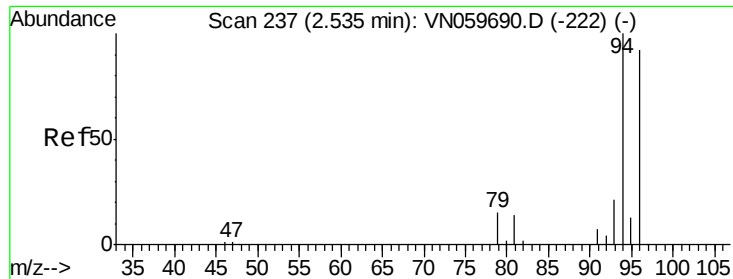
Tgt Ion: 62 Resp: 59978

Ion Ratio Lower Upper

62 100

64 31.9 24.6 37.0

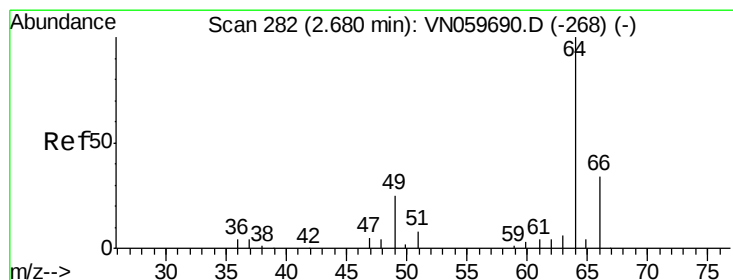
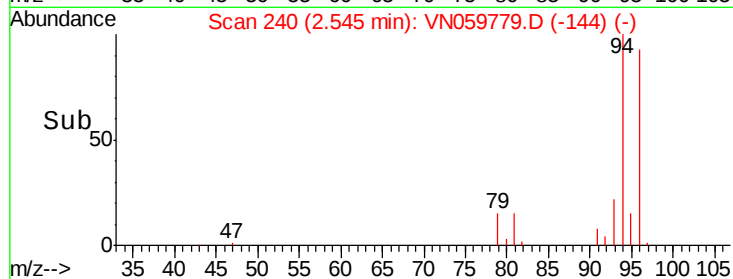
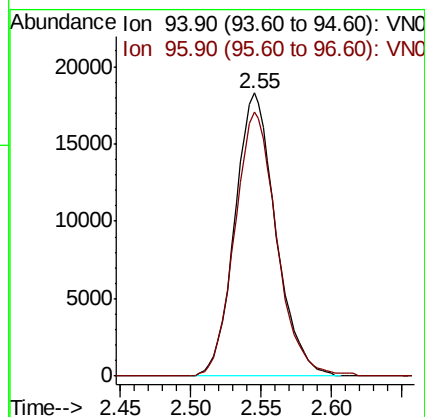
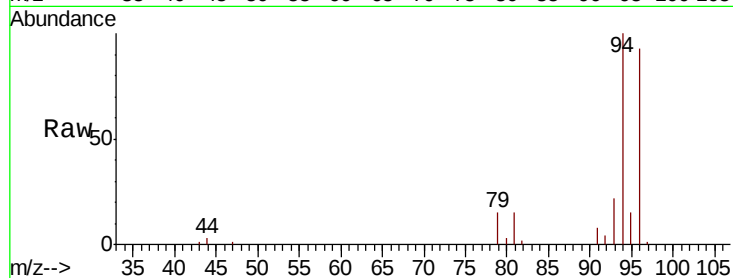




#5  
Bromomethane  
Concen: 22.383 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.01 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

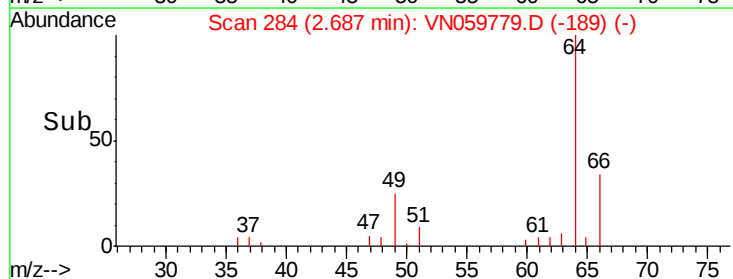
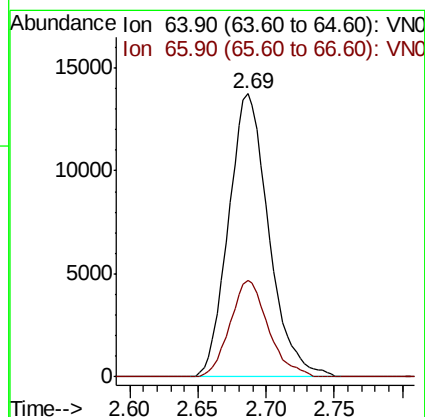
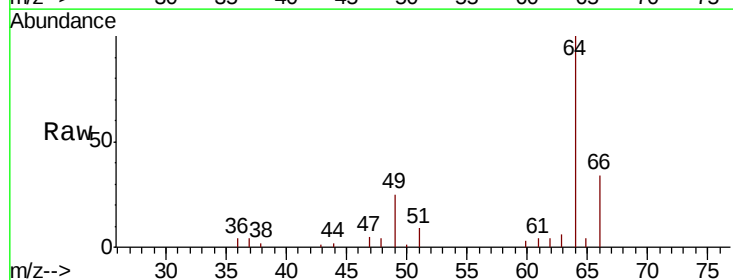
Instrument :  
MSVOA\_N  
ClientSampleId :

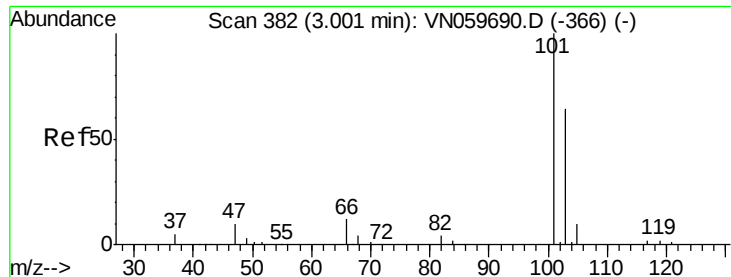
Tot Ion: 94 Resp: 37147  
Ion Ratio Lower Upper  
94 100  
96 93.2 74.7 112.1



#6  
Chloroethane  
Concen: 21.887 ug/l  
RT: 2.69 min Scan# 284  
Delta R.T. 0.01 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion: 64 Resp: 28159  
Ion Ratio Lower Upper  
64 100  
66 34.2 25.1 37.7



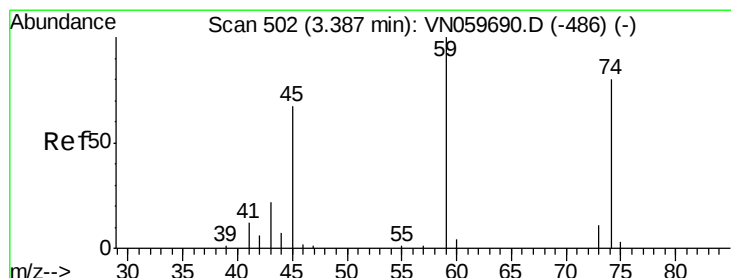
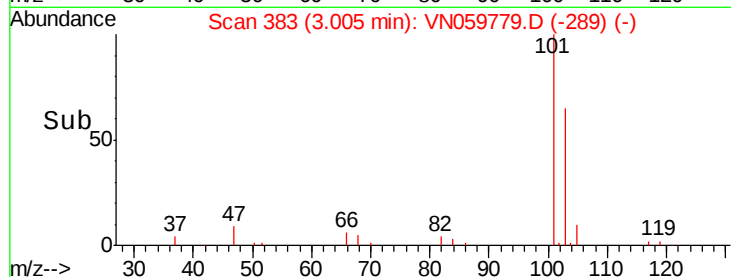
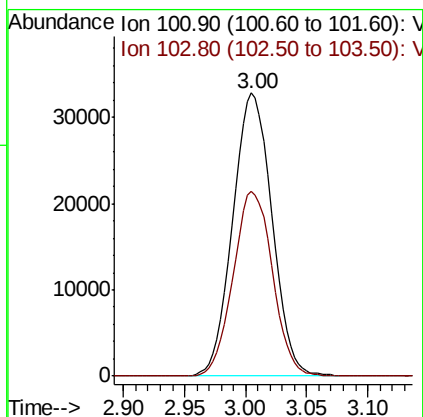
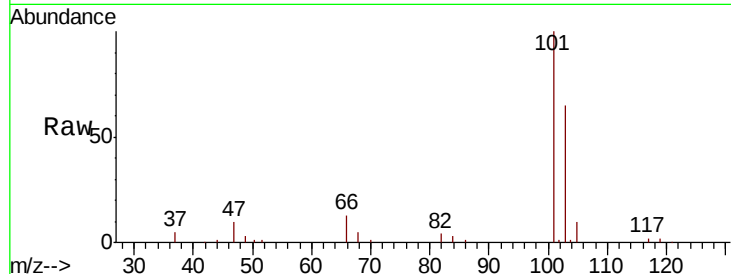


#7

Trichlorofluoromethane  
 Concen: 22.396 ug/l  
 RT: 3.00 min Scan# 383  
 Delta R.T. 0.00 min  
 Lab File: VN059779.D  
 Acq: 20 Jan 2020 11:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :

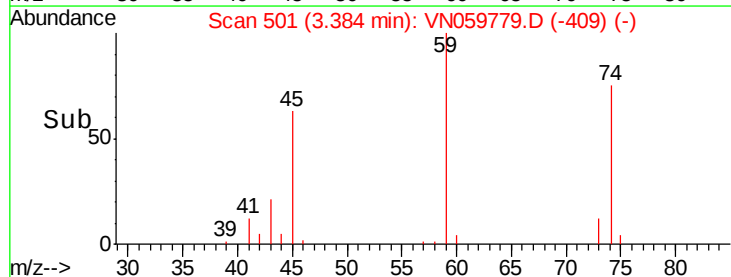
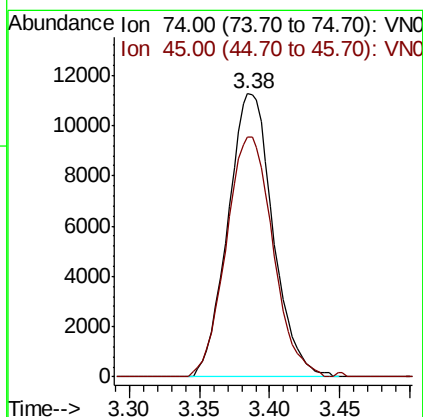
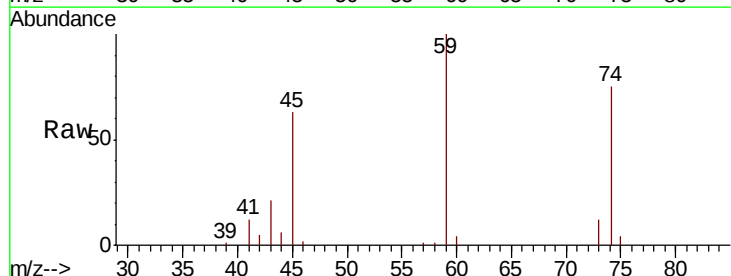
Tot Ion:101 Resp: 73143  
 Ion Ratio Lower Upper  
 101 100  
 103 65.1 51.0 76.6

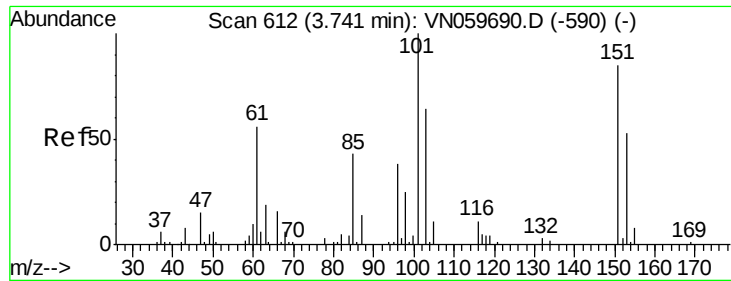


#8

Diethyl Ether  
 Concen: 21.954 ug/l  
 RT: 3.38 min Scan# 501  
 Delta R.T. -0.00 min  
 Lab File: VN059779.D  
 Acq: 20 Jan 2020 11:51

Tgt Ion: 74 Resp: 25163  
 Ion Ratio Lower Upper  
 74 100  
 45 87.9 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.102 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

ClientSampleId :

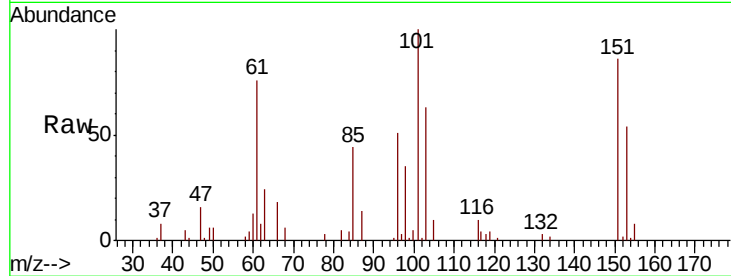
Tot Ion:101 Resp: 41992

Ion Ratio Lower Upper

101 100

85 44.8 36.6 54.8

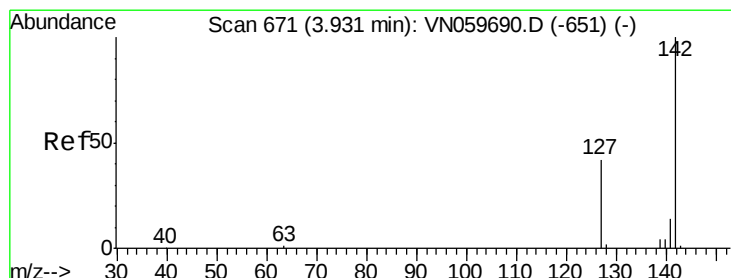
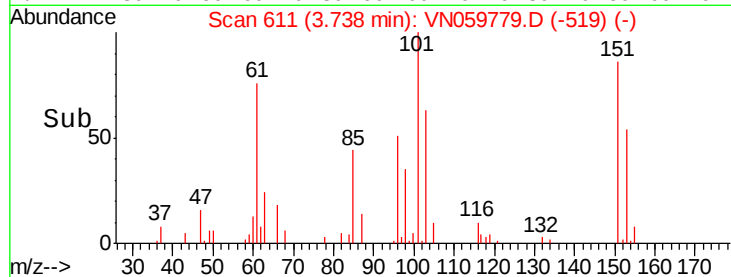
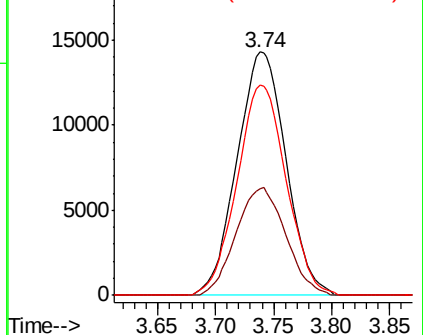
151 86.9 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.367 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

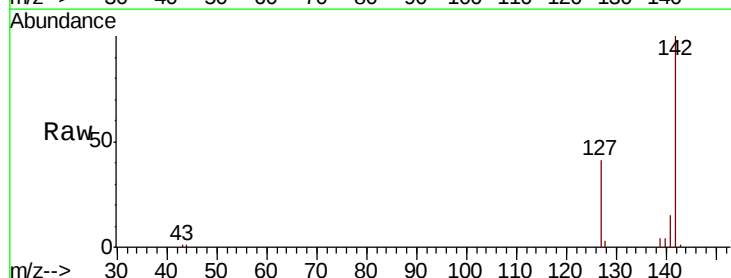
Tgt Ion:142 Resp: 62778

Ion Ratio Lower Upper

142 100

127 41.9 36.7 55.1

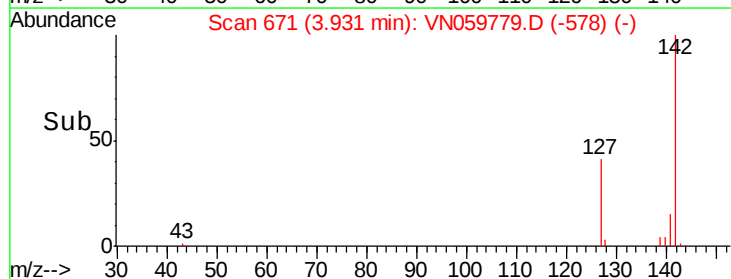
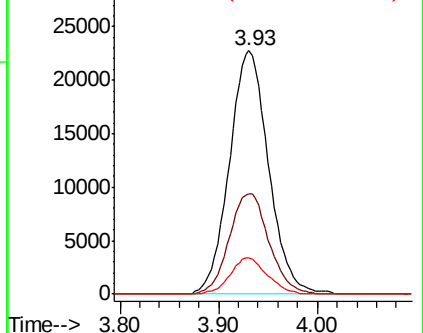
141 14.1 11.7 17.5

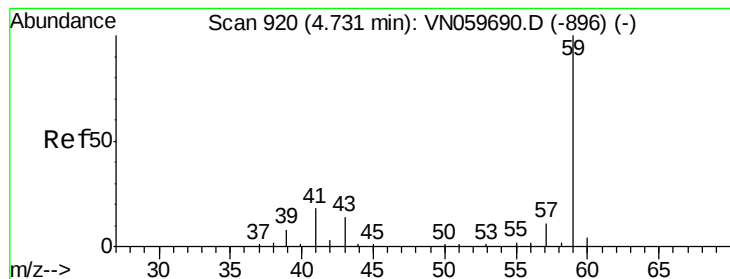


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



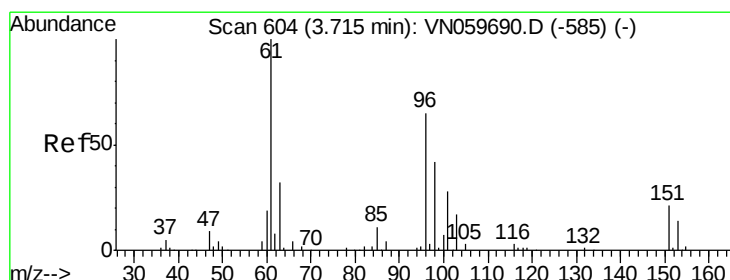
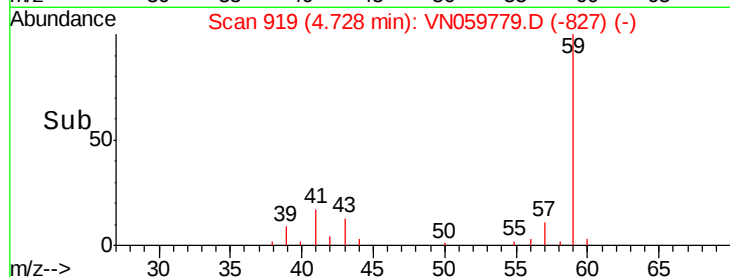
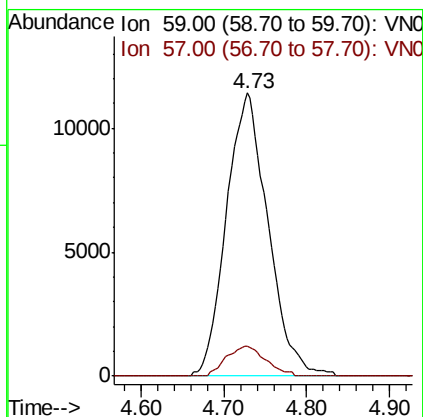
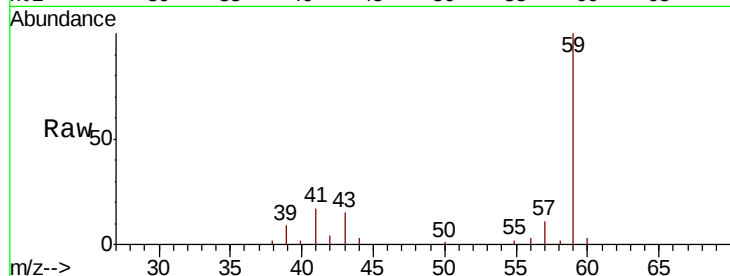


#11

Tert butyl alcohol  
Concen: 102.575 ug/l  
RT: 4.73 min Scan# 919  
Delta R.T. -0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Instrument :  
MSVOA\_N  
ClientSampled :

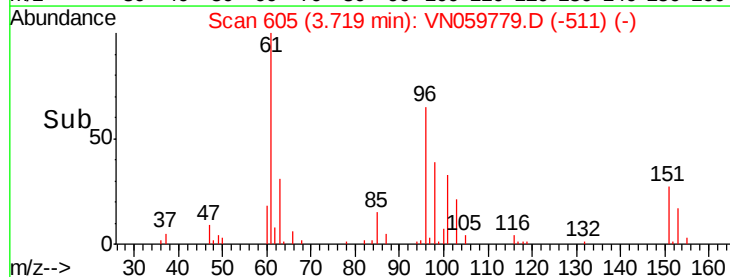
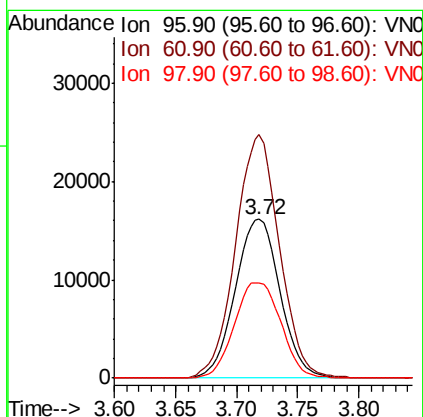
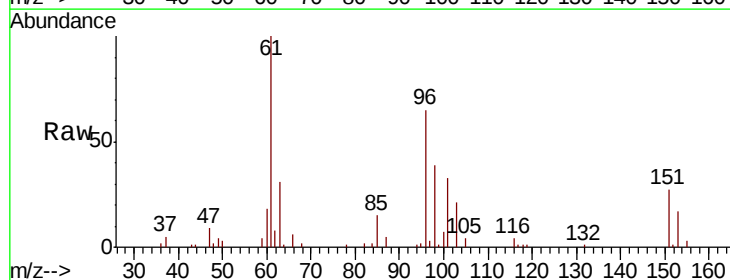
Tot Ion: 59 Resp: 39811  
Ion Ratio Lower Upper  
59 100  
57 10.1 8.6 12.8

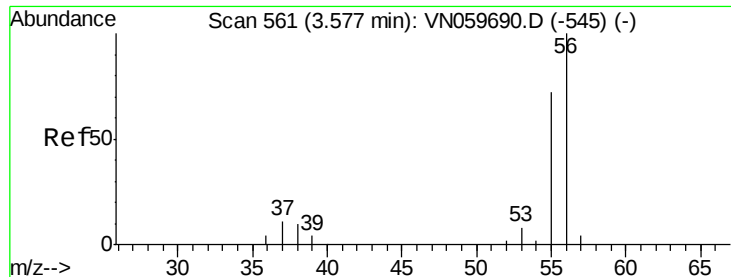


#12

1,1-Dichloroethene  
Concen: 21.629 ug/l  
RT: 3.72 min Scan# 605  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion: 96 Resp: 41081  
Ion Ratio Lower Upper  
96 100  
61 153.5 137.5 206.3  
98 59.9 50.2 75.4





#13

Acrolein

Concen: 57.833 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

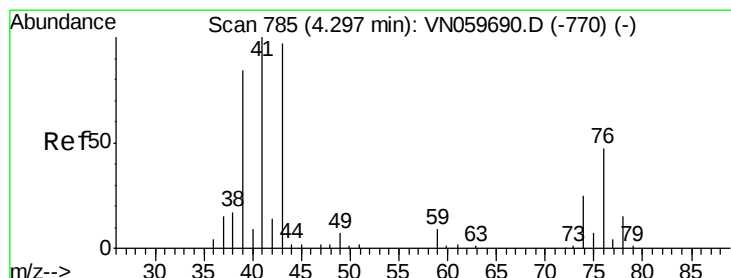
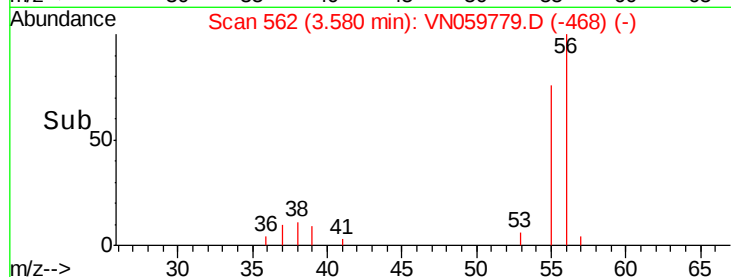
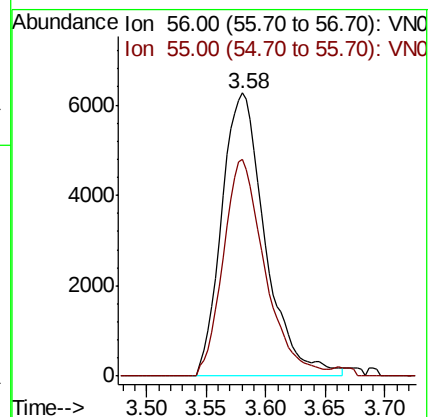
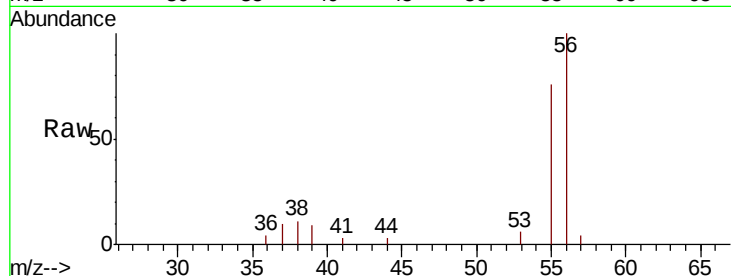
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 56 Resp: 15889

Ion Ratio Lower Upper

56 100

55 73.3 58.6 88.0



#14

Allyl chloride

Concen: 21.131 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

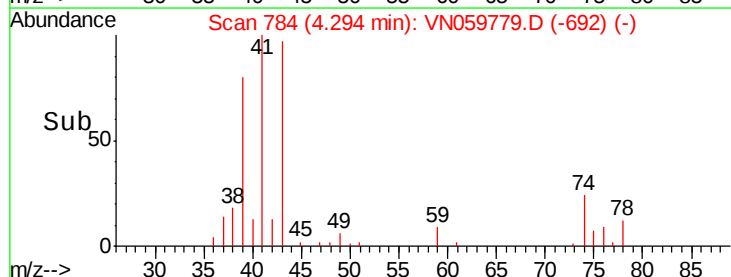
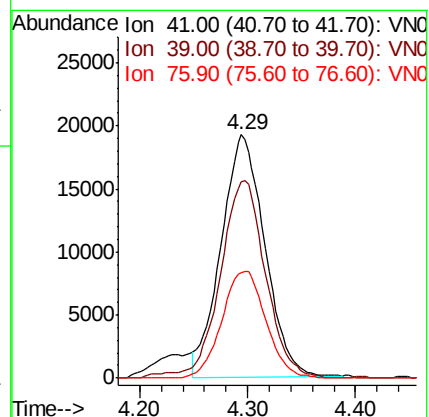
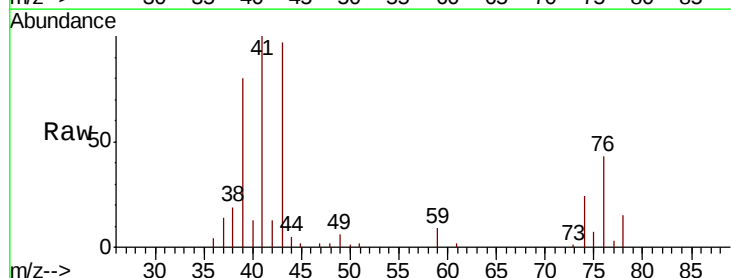
Tgt Ion: 41 Resp: 54098

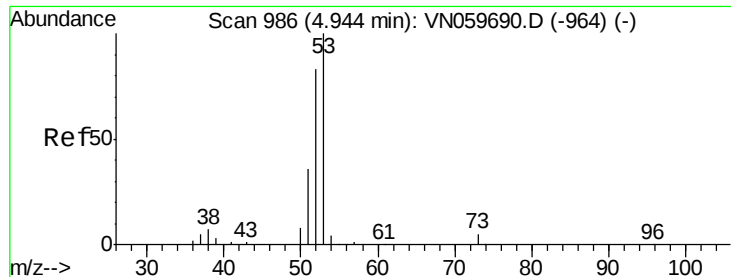
Ion Ratio Lower Upper

41 100

39 84.8 57.8 86.8

76 44.4 25.4 38.0#





#15

Acrylonitrile

Concen: 106.595 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

ClientSampleId :

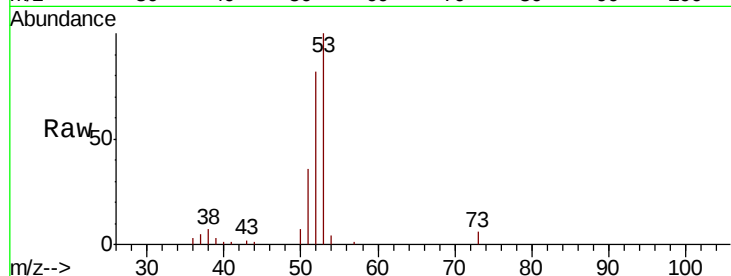
Tot Ion: 53 Resp: 94371

Ion Ratio Lower Upper

53 100

52 83.3 66.3 99.5

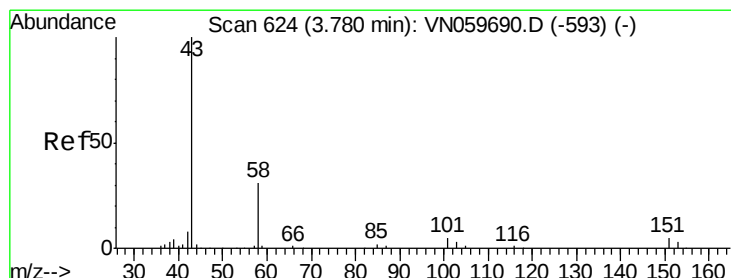
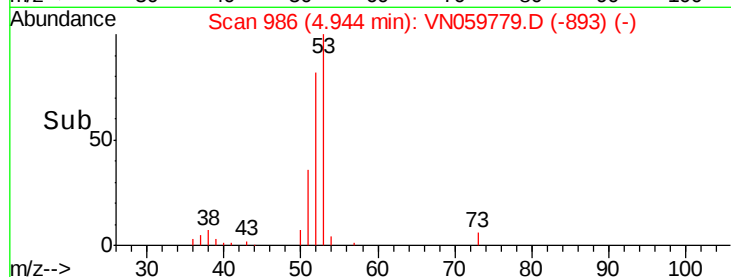
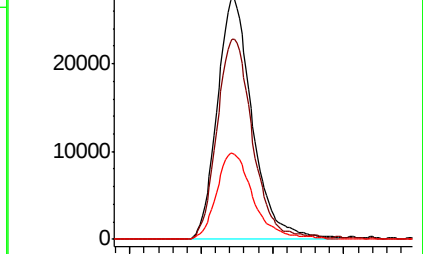
51 37.1 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059779.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN059779.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN059779.D (-893) (-)



#16

Acetone

Concen: 106.371 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059779.D

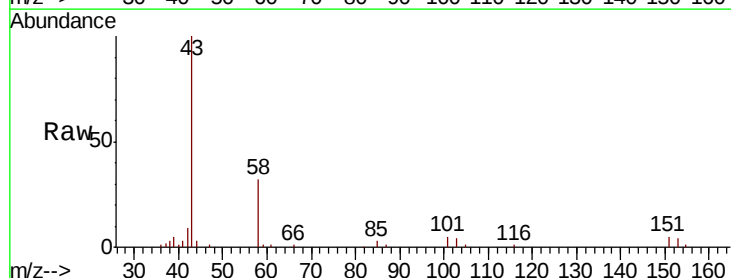
Acq: 20 Jan 2020 11:51

Tgt Ion: 43 Resp: 88166

Ion Ratio Lower Upper

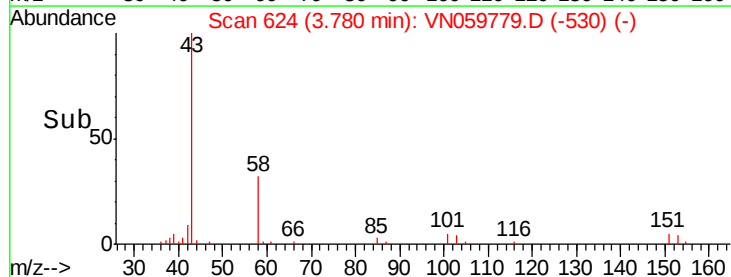
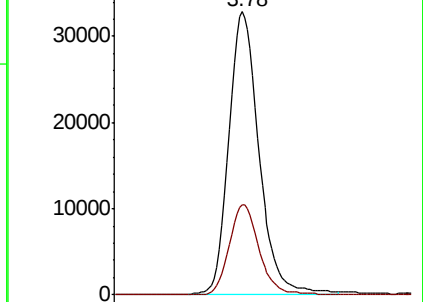
43 100

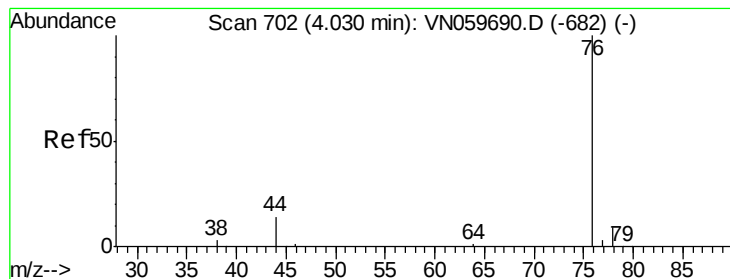
58 31.8 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059779.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN059779.D (-530) (-)





#17

Carbon Disulfide

Concen: 20.502 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

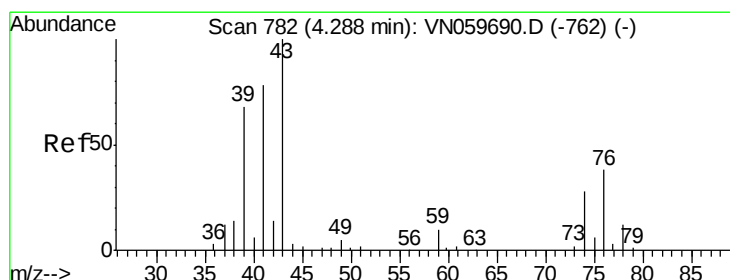
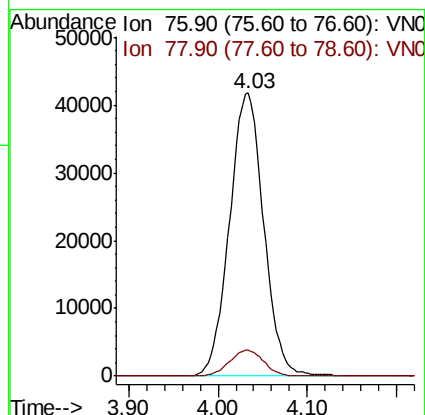
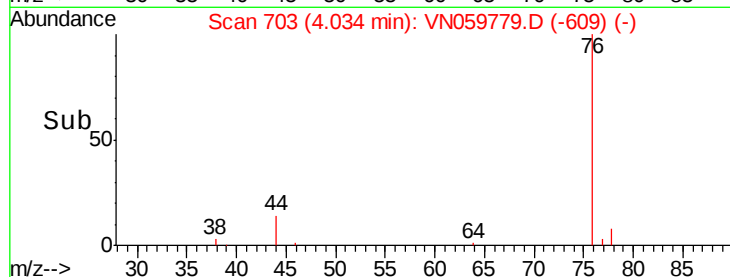
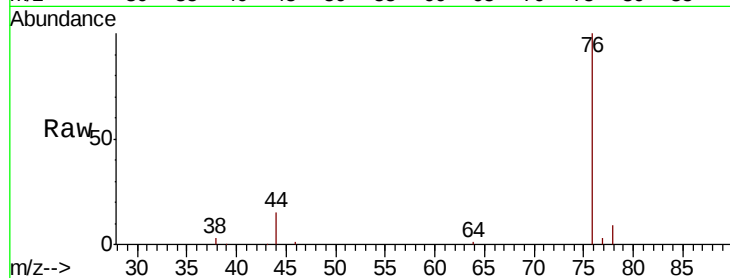
ClientSampleId :

Tot Ion: 76 Resp: 110929

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 21.228 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN059779.D

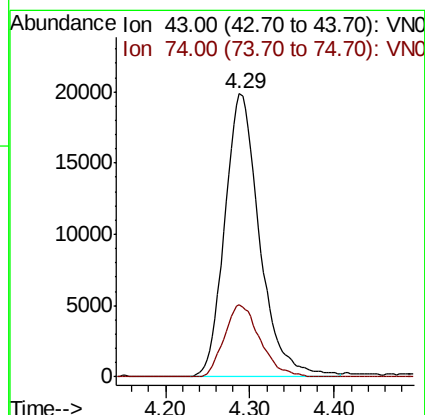
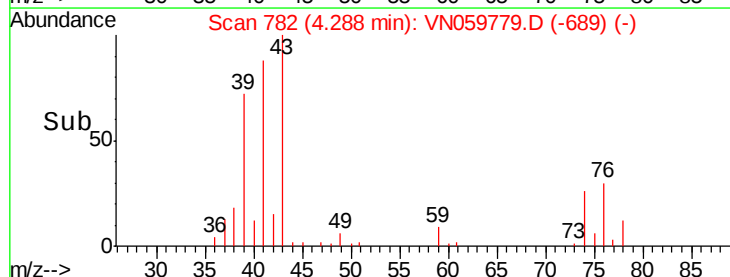
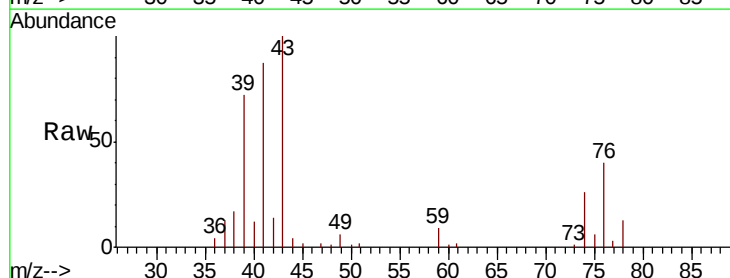
Acq: 20 Jan 2020 11:51

Tgt Ion: 43 Resp: 57167

Ion Ratio Lower Upper

43 100

74 26.0 17.5 26.3

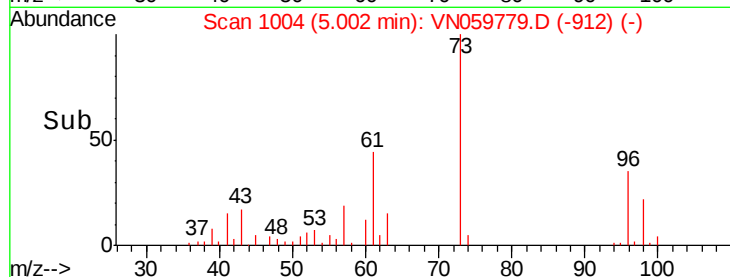
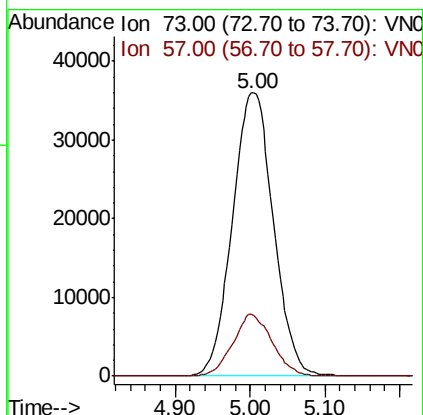
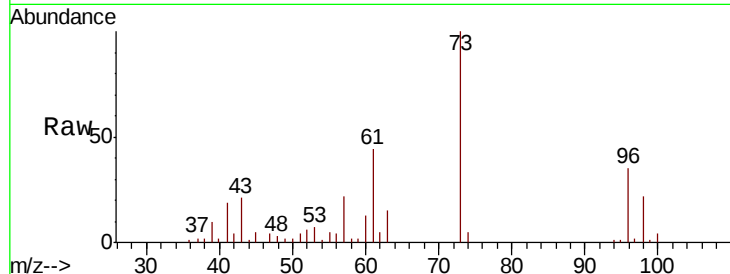




#19  
Methvl tert-butvl Ether  
Concen: 22.123 ug/l  
RT: 5.00 min Scan# 1004  
Delta R.T. -0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

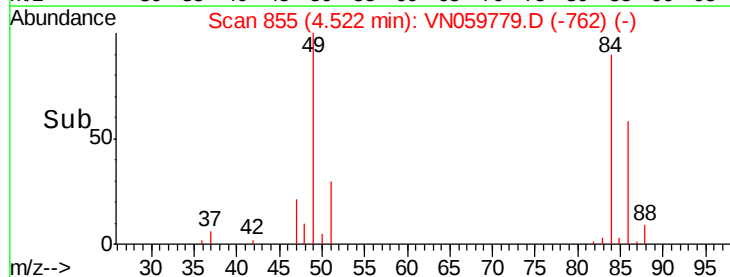
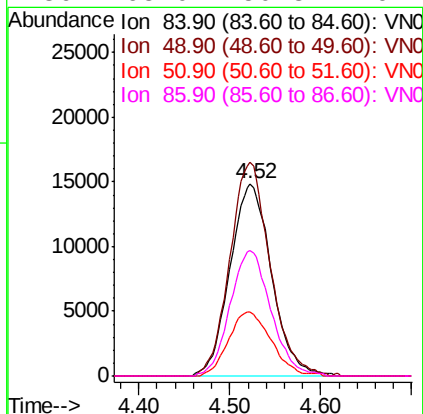
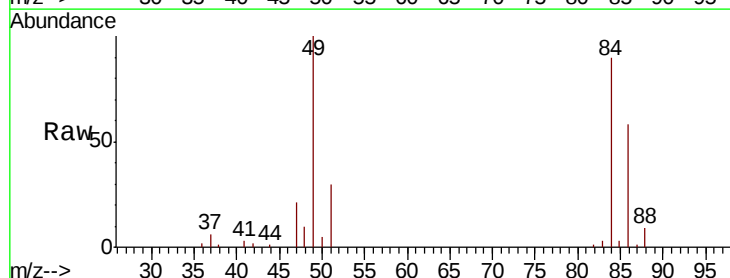
Instrument :  
MSVOA\_N  
ClientSampleId :

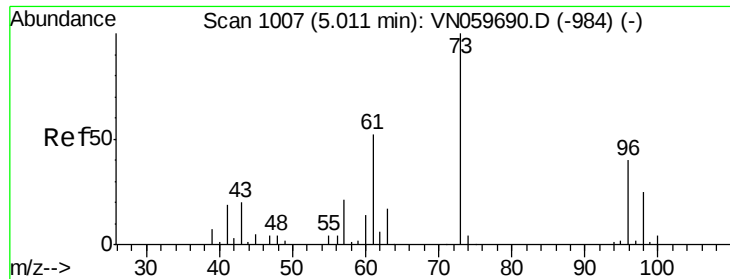
Tot Ion: 73 Resp: 137000  
Ion Ratio Lower Upper  
73 100  
57 21.8 18.6 27.8



#20  
Methylene Chloride  
Concen: 21.844 ug/l  
RT: 4.52 min Scan# 855  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion: 84 Resp: 47084  
Ion Ratio Lower Upper  
84 100  
49 111.2 106.6 160.0  
51 33.5 31.9 47.9  
86 65.0 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 21.712 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

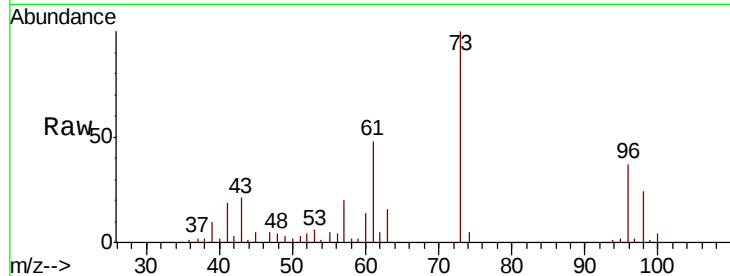
Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 96 Resp: 43836

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 128.2 | 120.4 | 180.6 |
| 98  | 64.2  | 50.6  | 75.8  |

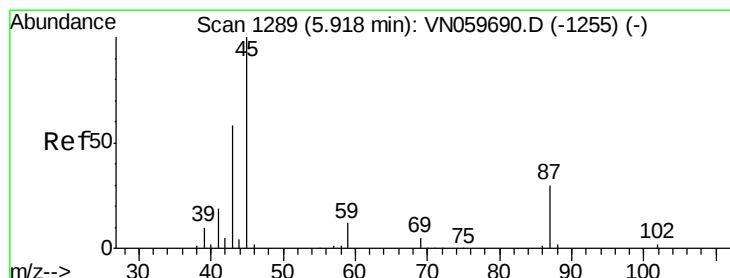
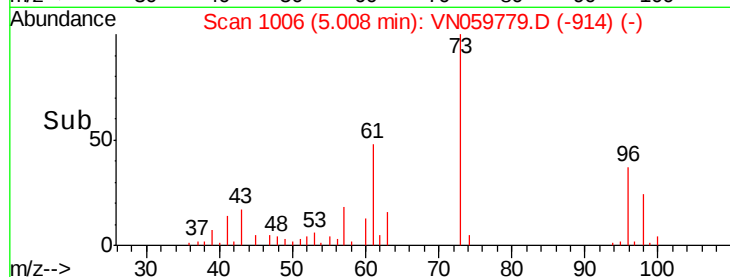
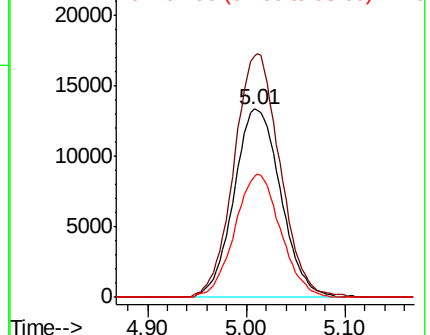


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 21.486 ug/l

RT: 5.92 min Scan# 1289

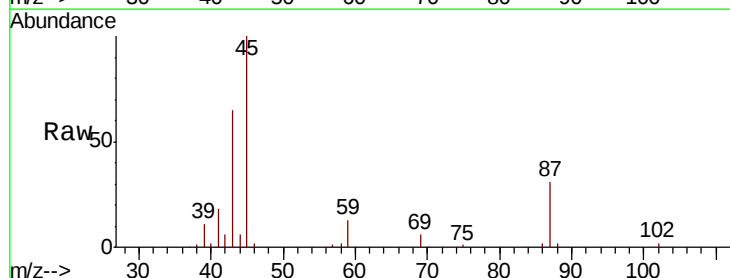
Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Tgt Ion: 45 Resp: 124652

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 61.5  | 50.8  | 76.2  |
| 87  | 30.6  | 21.0  | 31.6  |
| 59  | 13.5  | 9.1   | 13.7  |



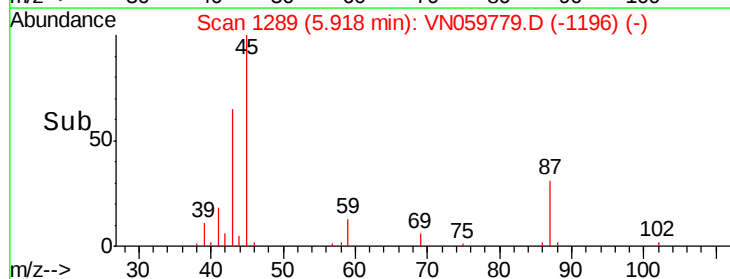
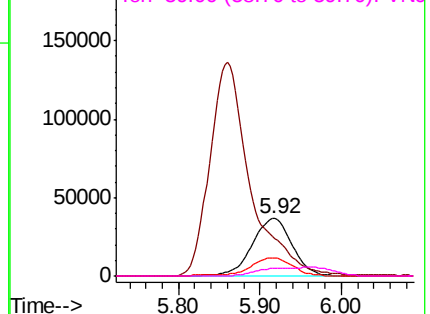
Abundance

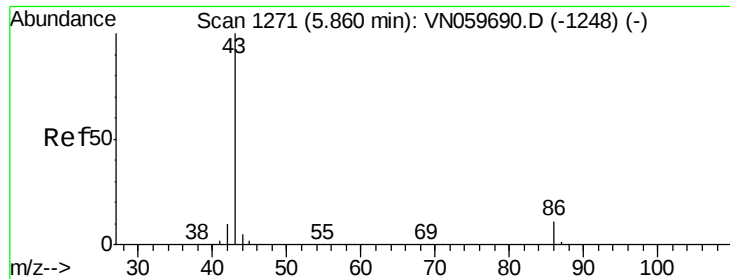
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

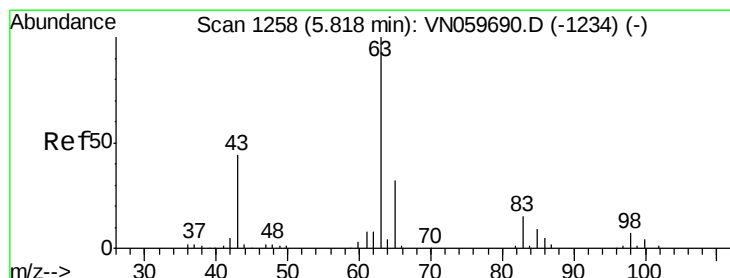
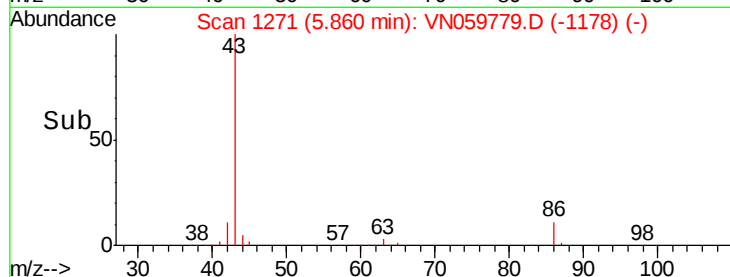
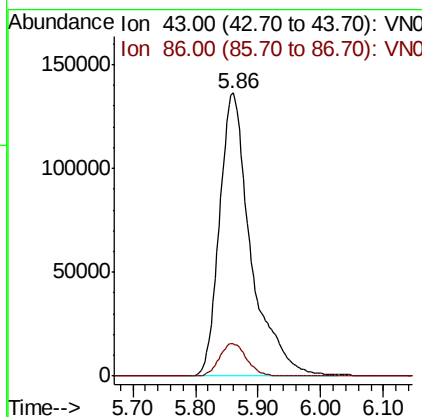
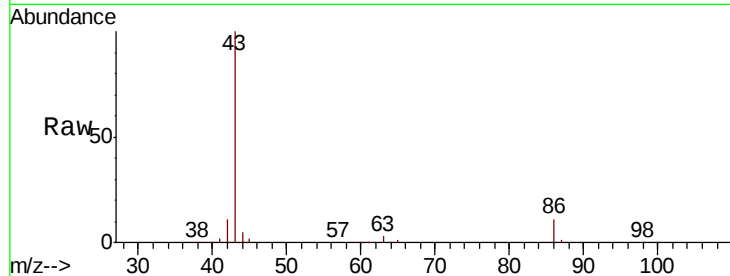




#23  
 Vinyl Acetate  
 Concen: 105.532 ug/l  
 RT: 5.86 min Scan# 1271  
 Delta R.T. 0.00 min  
 Lab File: VN059779.D  
 Acq: 20 Jan 2020 11:51

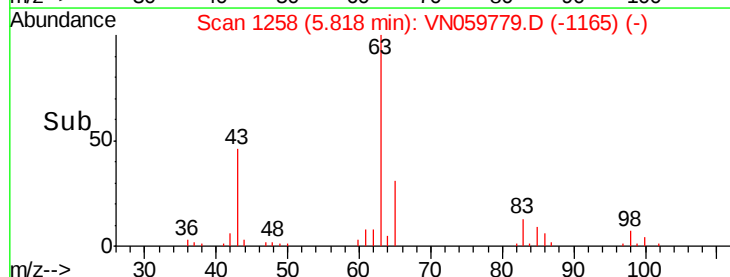
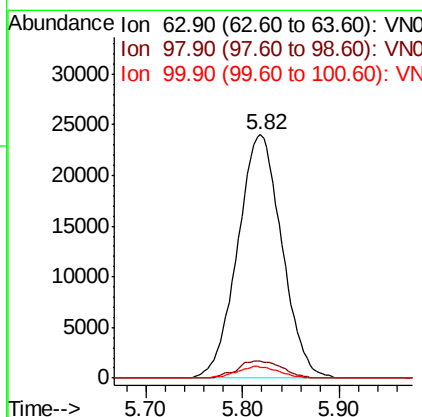
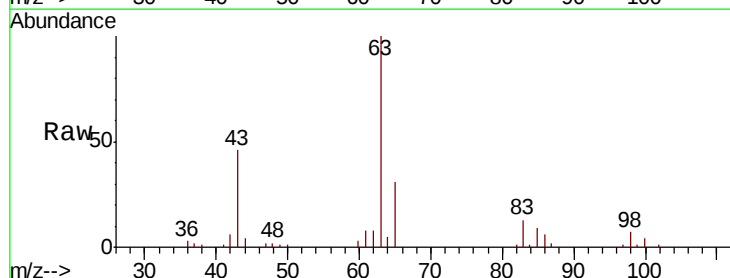
Instrument :  
 MSVOA\_N  
 ClientSampled :

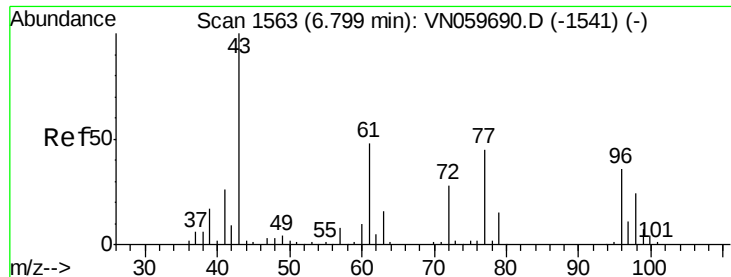
Tot Ion: 43 Resp: 474037  
 Ion Ratio Lower Upper  
 43 100  
 86 11.4 7.6 11.4



#24  
 1,1-Dichloroethane  
 Concen: 21.489 ug/l  
 RT: 5.82 min Scan# 1258  
 Delta R.T. 0.00 min  
 Lab File: VN059779.D  
 Acq: 20 Jan 2020 11:51

Tgt Ion: 63 Resp: 76179  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 2.9 8.7  
 100 4.5 2.0 6.0

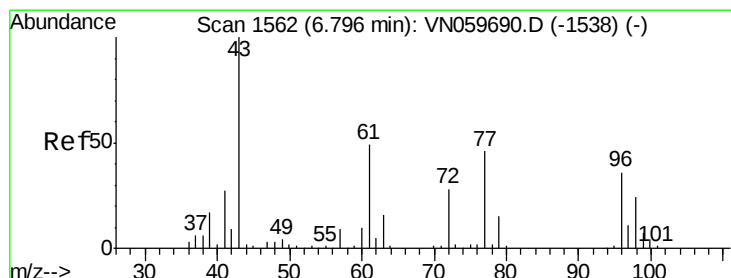
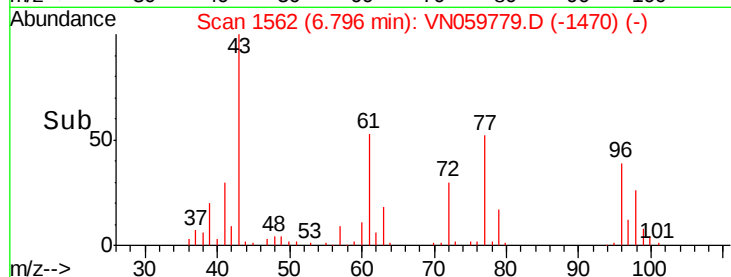
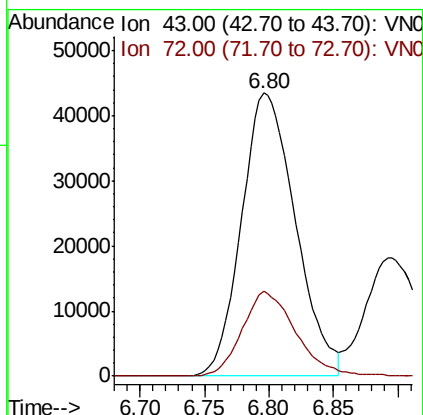
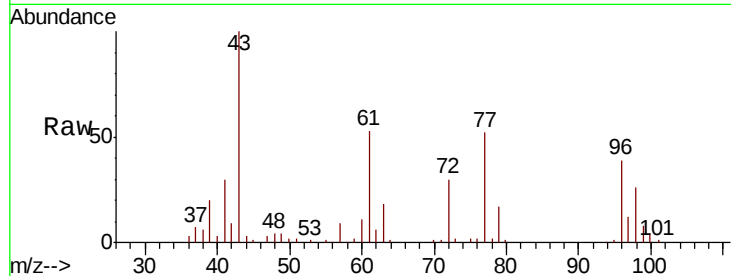




#25  
2-Butanone  
Concen: 96.926 ug/l  
RT: 6.80 min Scan# 1562  
Delta R.T. -0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

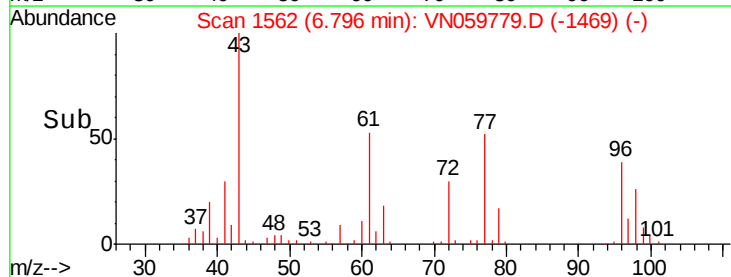
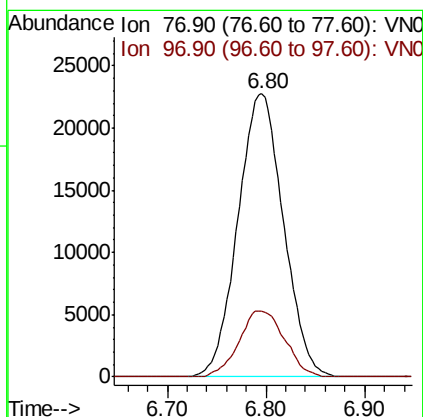
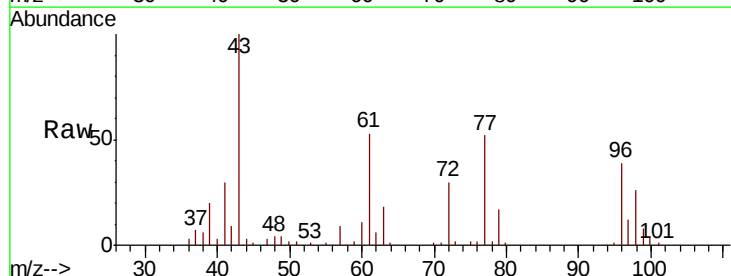
Instrument :  
MSVOA\_N  
ClientSampled :

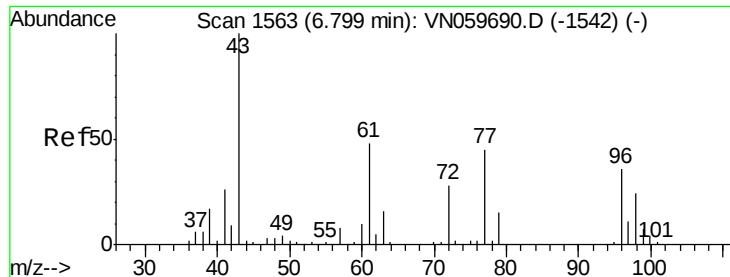
Tot Ion: 43 Resp: 126545  
Ion Ratio Lower Upper  
43 100  
72 29.9 19.9 29.9#



#26  
2,2-Dichloropropane  
Concen: 21.343 ug/l  
RT: 6.80 min Scan# 1562  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion: 77 Resp: 72737  
Ion Ratio Lower Upper  
77 100  
97 23.3 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 22.094 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

ClientSampled :

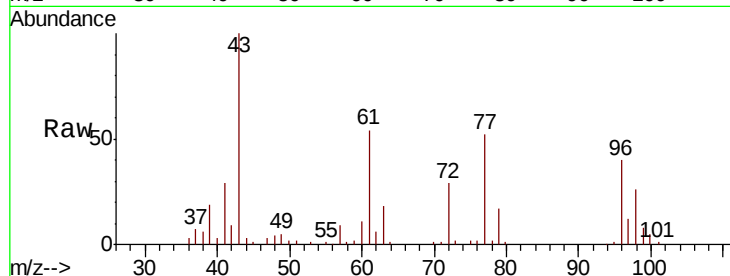
Tot Ion: 96 Resp: 51307

Ion Ratio Lower Upper

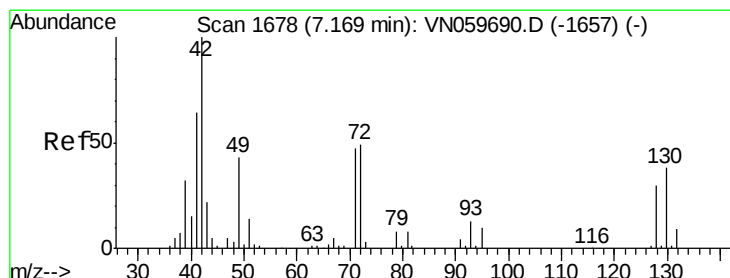
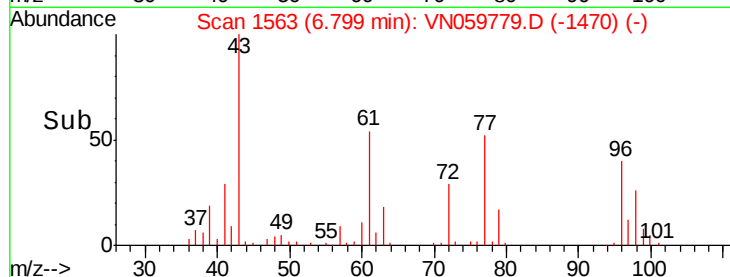
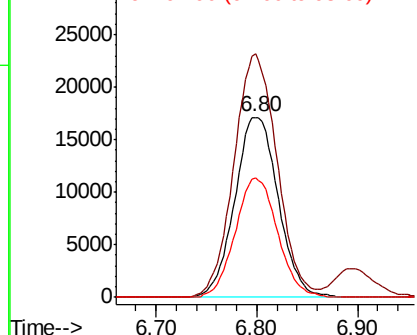
96 100

61 133.9 0.0 317.6

98 64.4 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.401 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

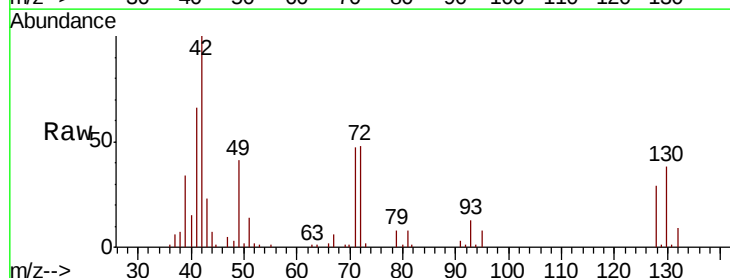
Tgt Ion: 49 Resp: 28905

Ion Ratio Lower Upper

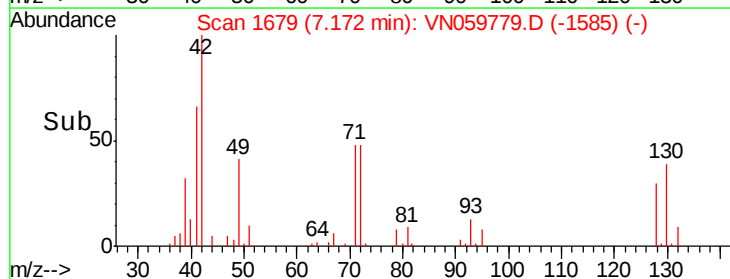
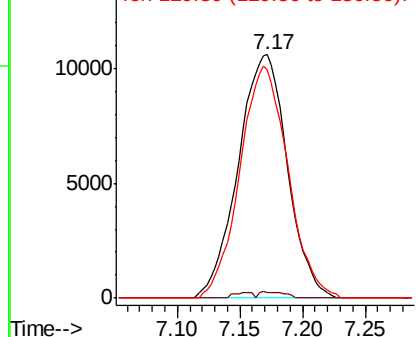
49 100

129 1.4 0.0 3.4

130 93.2 54.7 82.1#



Abundance Ion 48.90 (48.60 to 49.60): VN0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V

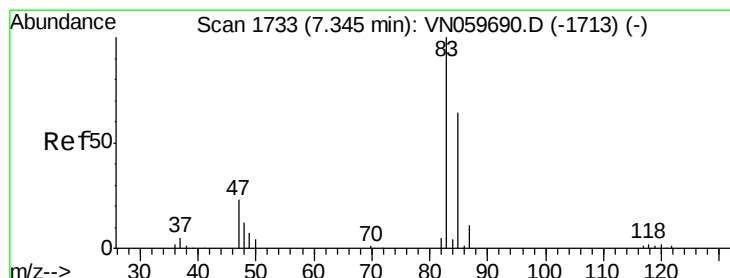
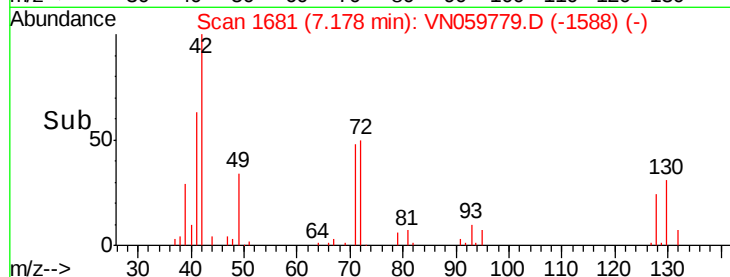
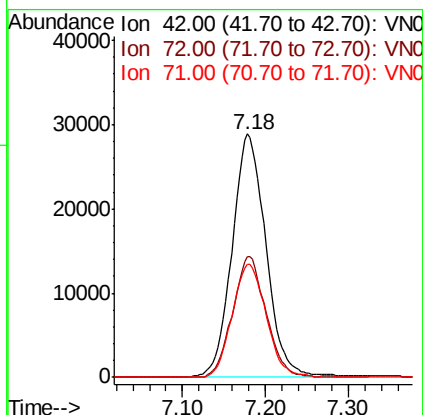
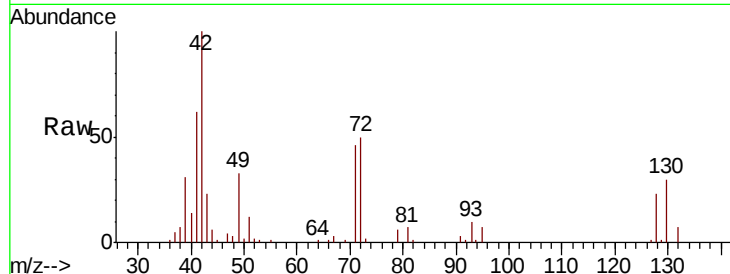




#29  
Tetrahydrofuran  
Concen: 101.545 ug/l  
RT: 7.18 min Scan# 1681  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

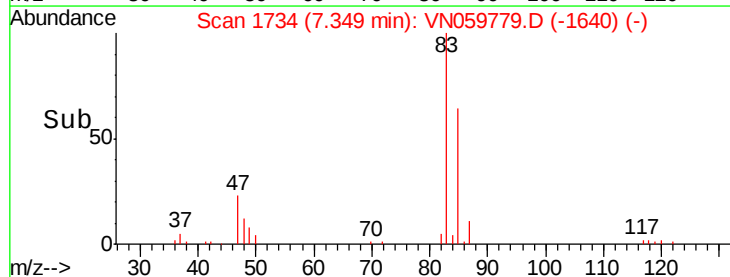
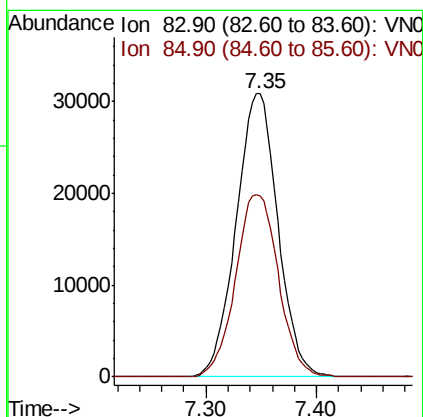
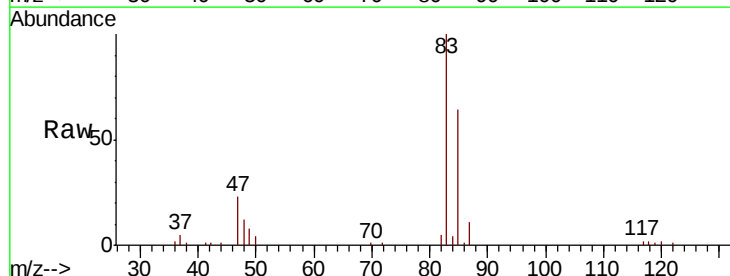
Instrument :  
MSVOA\_N  
ClientSampled :

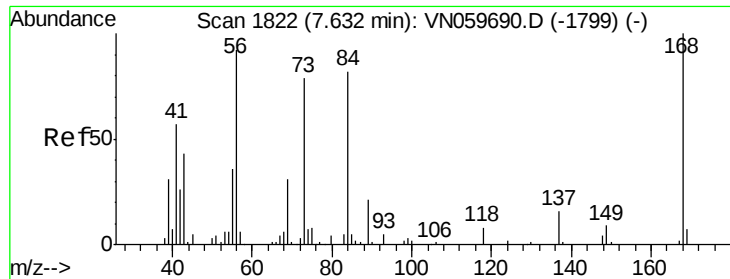
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 48.9  | 33.1  | 49.7  |
| 71      | 46.5  | 31.4  | 47.0  |



#30  
Chloroform  
Concen: 22.032 ug/l  
RT: 7.35 min Scan# 1734  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.0  | 52.4  | 78.6  |

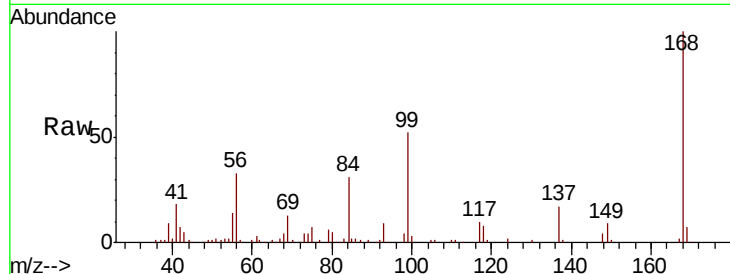




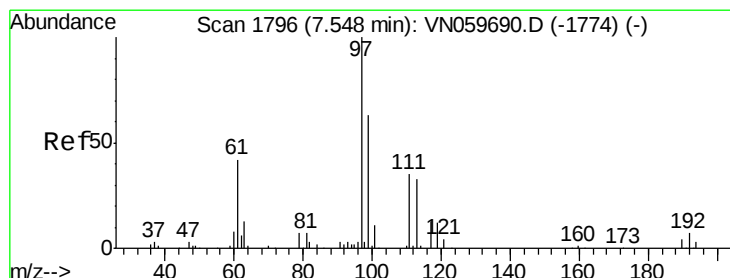
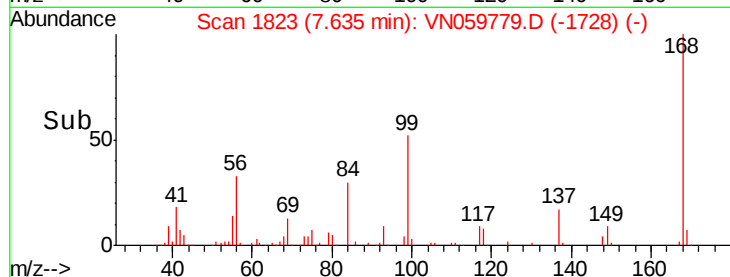
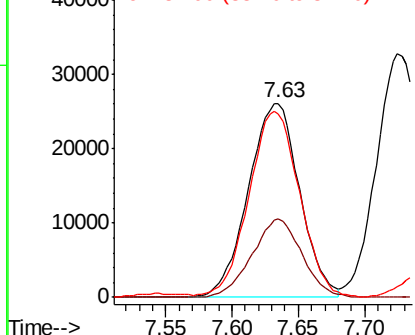
#31  
Cyclohexane  
Concen: 20.680 ug/l  
RT: 7.63 min Scan# 1823  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 70542  
Ion Ratio Lower Upper  
56 100  
69 40.4 26.5 39.7#  
84 93.0 65.3 97.9

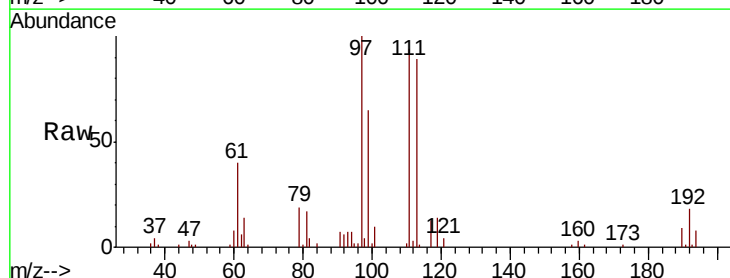


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

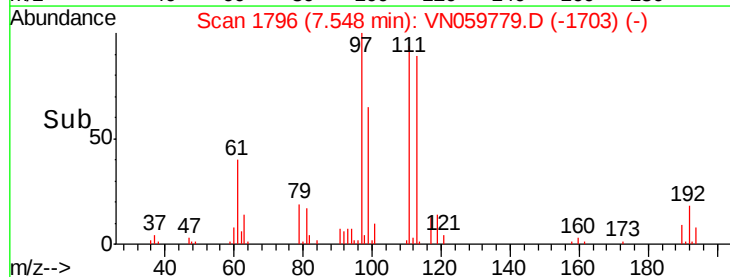
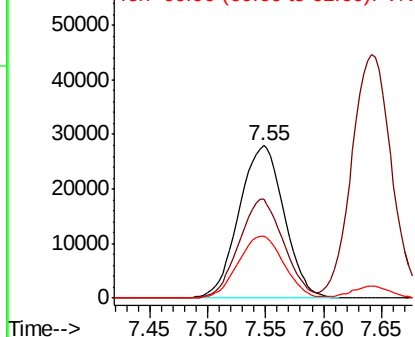


#32  
1,1,1-Trichloroethane  
Concen: 22.289 ug/l  
RT: 7.55 min Scan# 1796  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion: 97 Resp: 75695  
Ion Ratio Lower Upper  
97 100  
99 64.1 51.0 76.4  
61 41.4 38.5 57.7



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

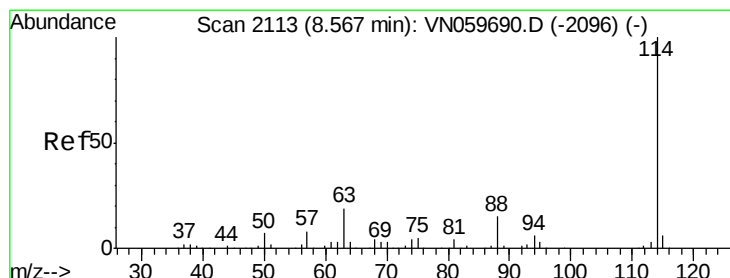
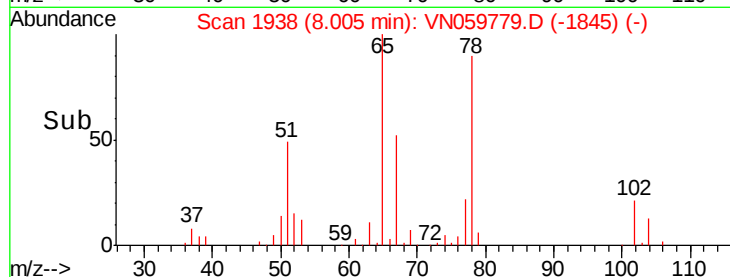
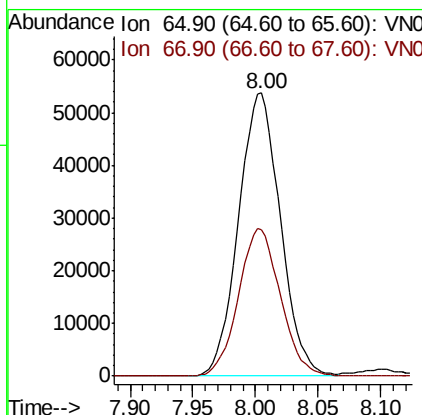
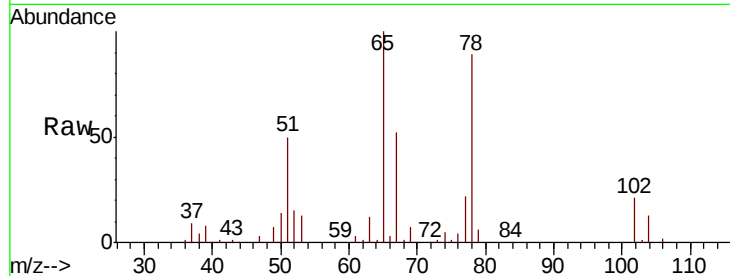




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.119 ug/l  
 RT: 8.00 min Scan# 1938  
 Delta R.T. 0.00 min  
 Lab File: VN059779.D  
 Acq: 20 Jan 2020 11:51

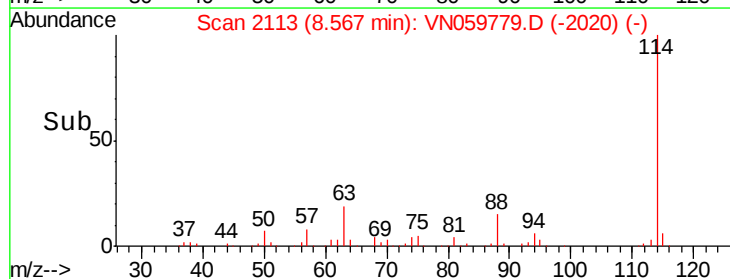
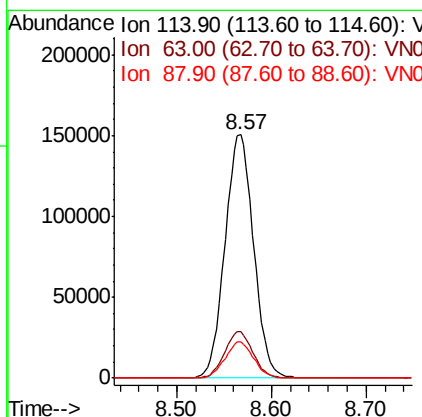
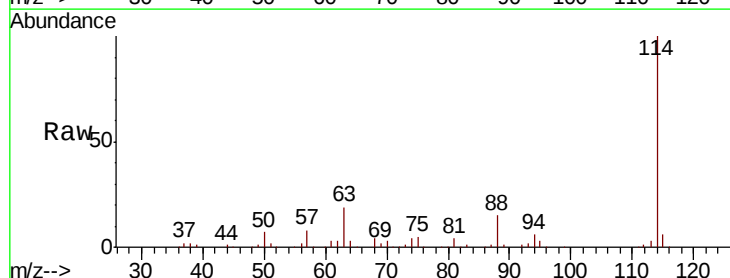
Instrument :  
 MSVOA\_N  
 ClientSampleId :

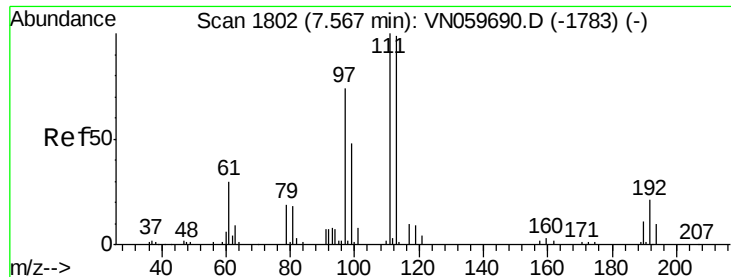
Tot Ion: 65 Resp: 124771  
 Ion Ratio Lower Upper  
 65 100  
 67 52.0 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VN059779.D  
 Acq: 20 Jan 2020 11:51

Tgt Ion: 114 Resp: 316113  
 Ion Ratio Lower Upper  
 114 100  
 63 18.8 0.0 43.6  
 88 14.8 0.0 31.4

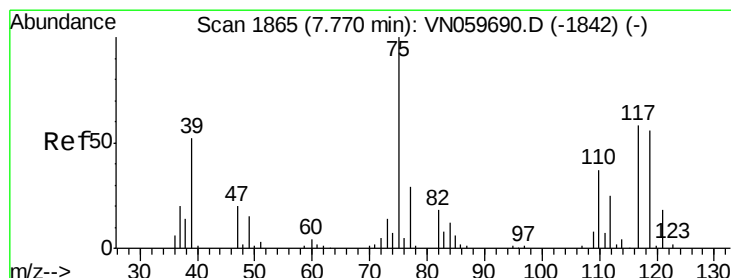
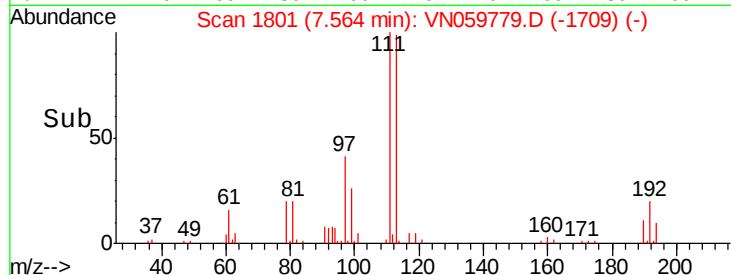
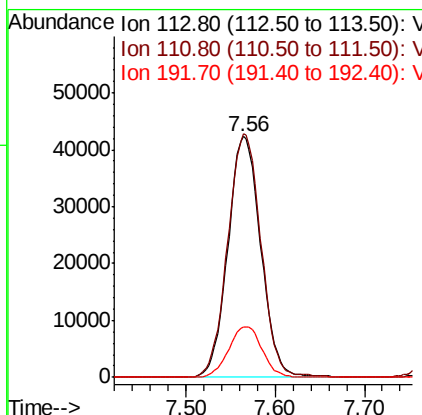
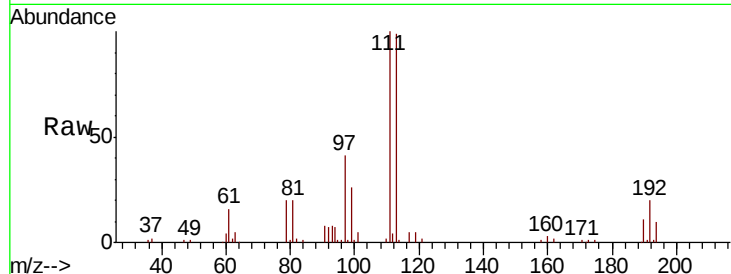




#35  
 Dibromofluoromethane  
 Concen: 57.336 ug/l  
 RT: 7.56 min Scan# 1801  
 Delta R.T. -0.00 min  
 Lab File: VN059779.D  
 Acq: 20 Jan 2020 11:51

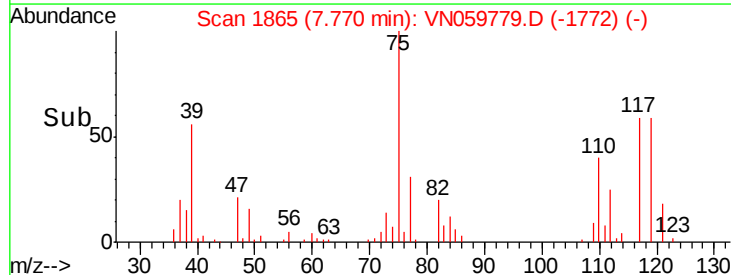
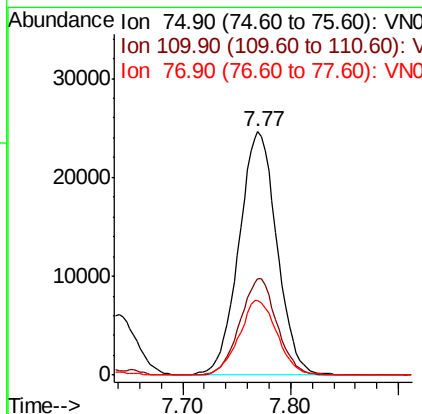
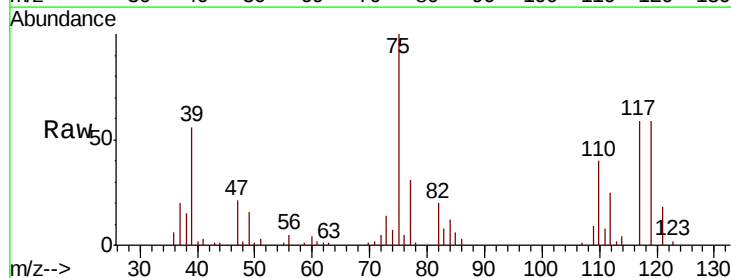
Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 101.5 | 83.5  | 125.3 |
| 192     | 21.2  | 15.4  | 23.2  |



#36  
 1,1-Dichloropropene  
 Concen: 21.824 ug/l  
 RT: 7.77 min Scan# 1865  
 Delta R.T. 0.00 min  
 Lab File: VN059779.D  
 Acq: 20 Jan 2020 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 38.4  | 16.6  | 49.7  |
| 77      | 30.9  | 25.1  | 37.7  |

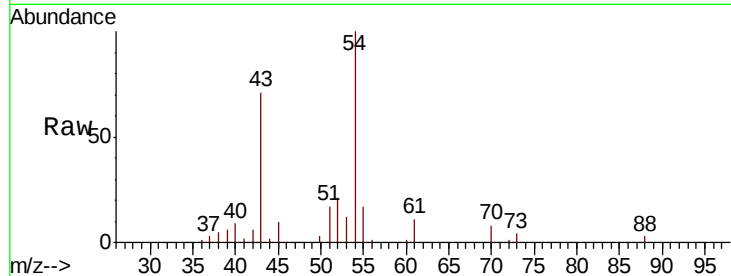




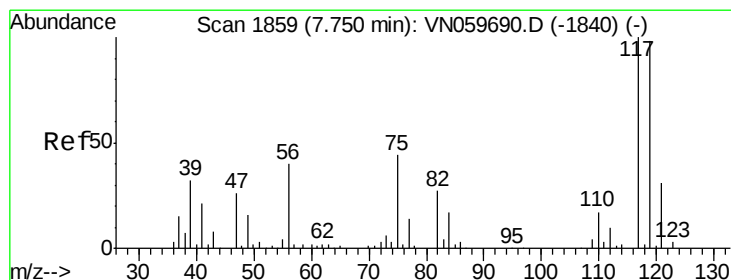
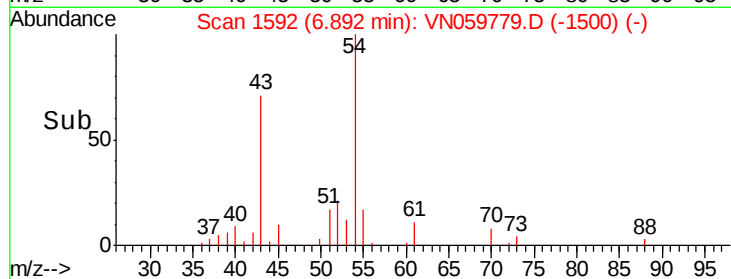
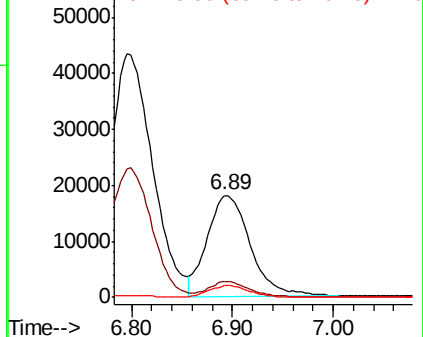
#37  
Ethyl Acetate  
Concen: 20.683 ug/l  
RT: 6.89 min Scan# 1592  
Delta R.T. -0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 53402  
Ion Ratio Lower Upper  
43 100  
61 14.7 10.9 16.3  
70 10.9 7.7 11.5

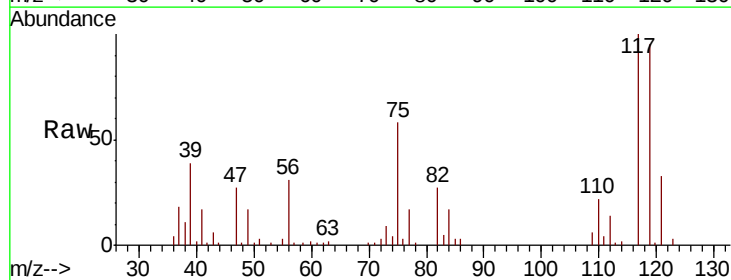


Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-1581) (-)  
Ion 60.90 (60.60 to 61.60): VN059690.D (-1581) (-)  
Ion 70.00 (69.70 to 70.70): VN059690.D (-1581) (-)

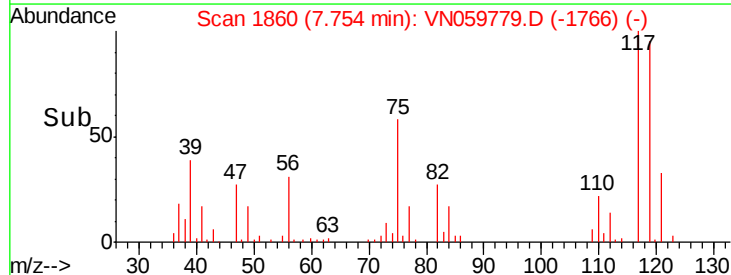
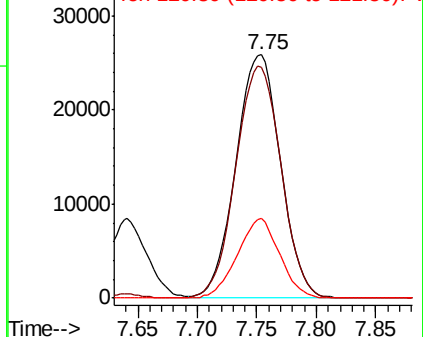


#38  
Carbon Tetrachloride  
Concen: 22.504 ug/l  
RT: 7.75 min Scan# 1860  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion: 117 Resp: 67388  
Ion Ratio Lower Upper  
117 100  
119 95.0 76.5 114.7  
121 32.7 25.1 37.7



Abundance Ion 116.80 (116.50 to 117.50): VN059690.D (-1840) (-)  
Ion 118.80 (118.50 to 119.50): VN059690.D (-1840) (-)  
Ion 120.80 (120.50 to 121.50): VN059690.D (-1840) (-)

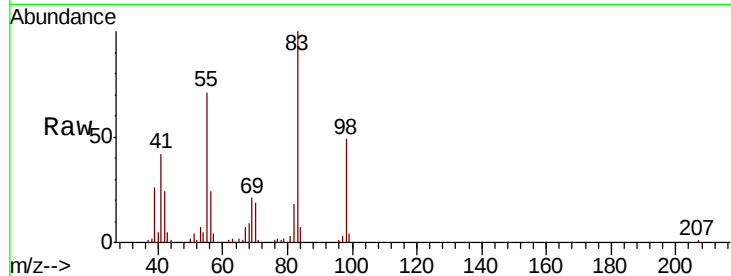




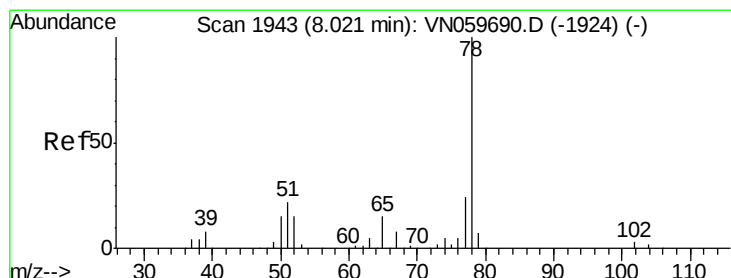
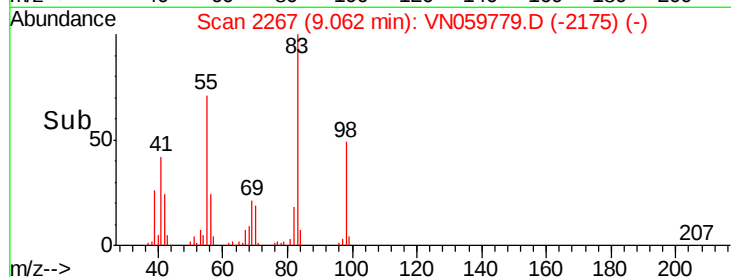
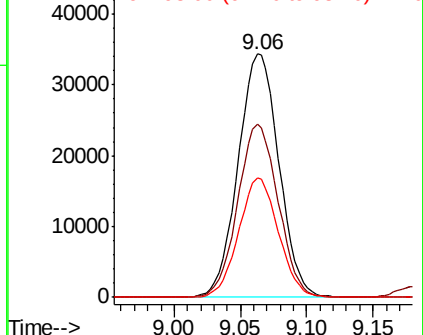
#39  
Methvlcvclohexane  
Concen: 21.679 ug/l  
RT: 9.06 min Scan# 2267  
Delta R.T. -0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 83 Resp: 73585  
Ion Ratio Lower Upper  
83 100  
55 71.4 64.2 96.2  
98 49.2 35.9 53.9

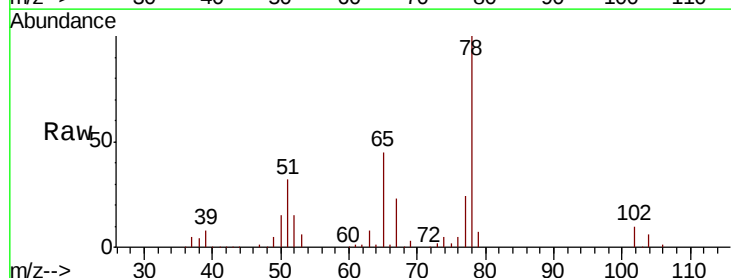


Abundance Ion 83.00 (82.70 to 83.70): VN0  
Ion 55.00 (54.70 to 55.70): VN0  
Ion 98.00 (97.70 to 98.70): VN0

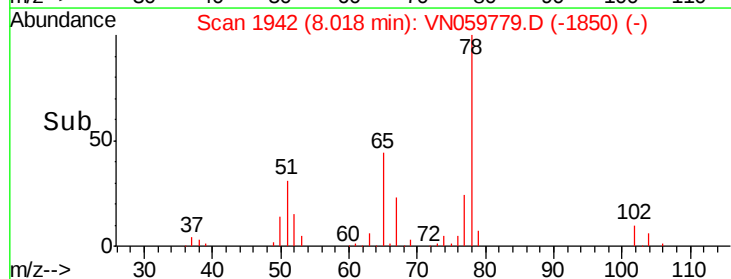
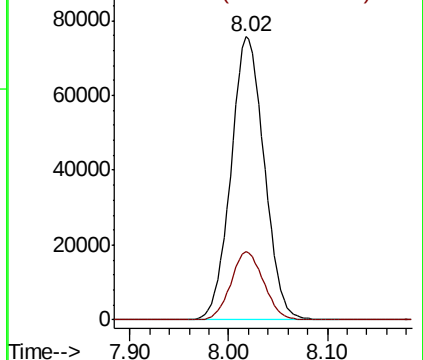


#40  
Benzene  
Concen: 21.636 ug/l  
RT: 8.02 min Scan# 1942  
Delta R.T. -0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion: 78 Resp: 177626  
Ion Ratio Lower Upper  
78 100  
77 23.9 18.9 28.3



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

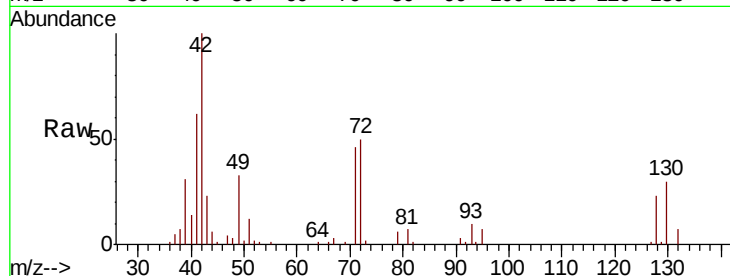




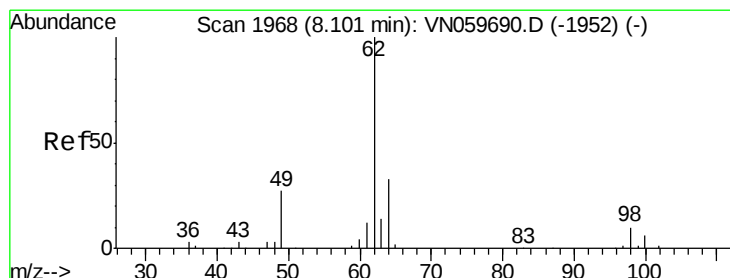
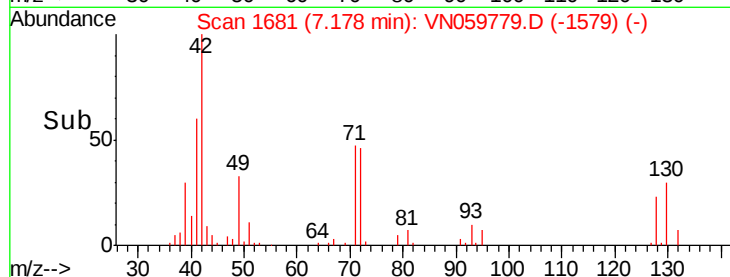
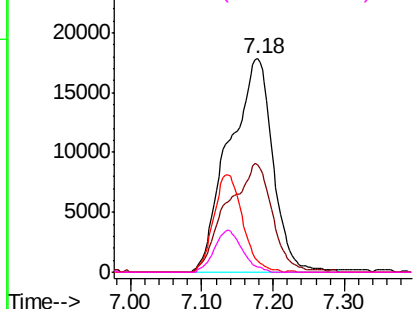
#41  
Methacrylonitrile  
Concen: 60.032 ug/l  
RT: 7.18 min Scan# 1681  
Delta R.T. 0.03 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 41 Resp: 76345  
Ion Ratio Lower Upper  
41 100  
39 52.1 0.0 0.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0

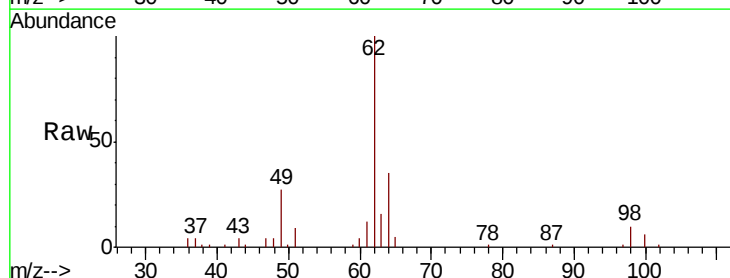


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

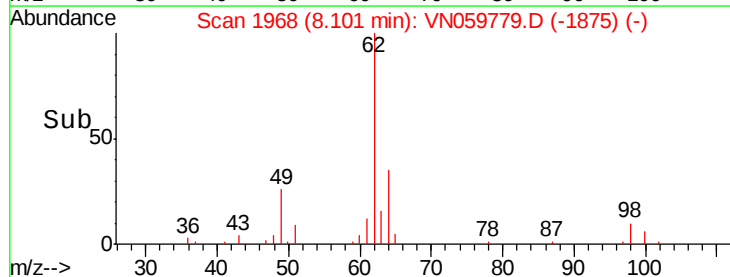
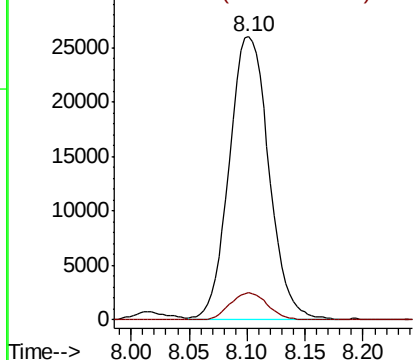


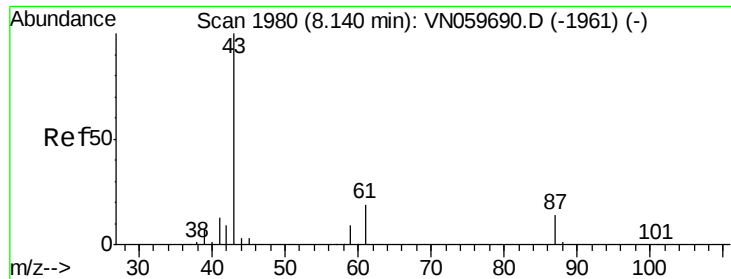
#42  
1,2-Dichloroethane  
Concen: 22.220 ug/l  
RT: 8.10 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion: 62 Resp: 61852  
Ion Ratio Lower Upper  
62 100  
98 9.1 0.0 15.8



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





#43

Isopropyl Acetate

Concen: 20.586 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

ClientSampled :

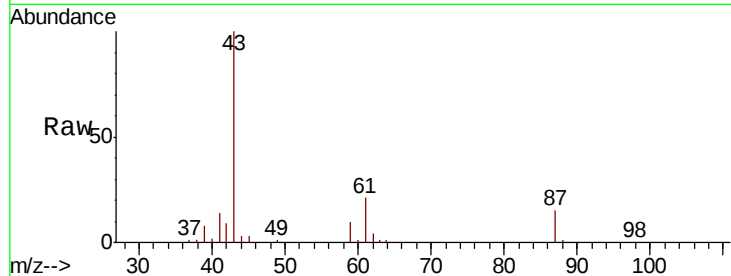
Tot Ion: 43 Resp: 91424

Ion Ratio Lower Upper

43 100

61 27.6 20.2 30.2

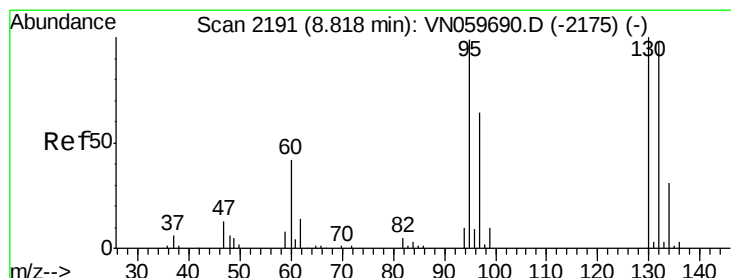
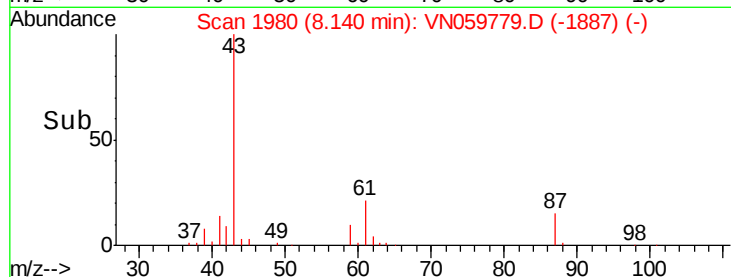
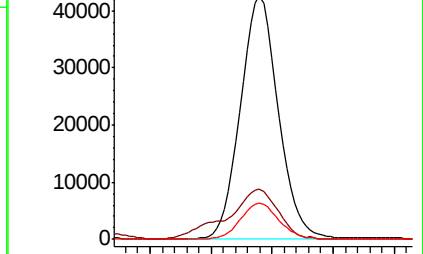
87 15.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059779.D (-1987) (-)

Ion 61.00 (60.70 to 61.70): VN059779.D (-1987) (-)

Ion 87.00 (86.70 to 87.70): VN059779.D (-1987) (-)



#44

Trichloroethene

Concen: 23.164 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059779.D

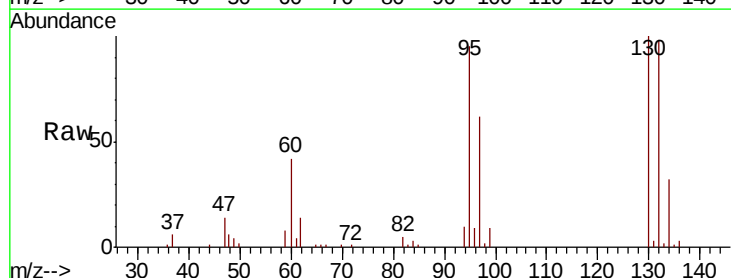
Acq: 20 Jan 2020 11:51

Tgt Ion:130 Resp: 51916

Ion Ratio Lower Upper

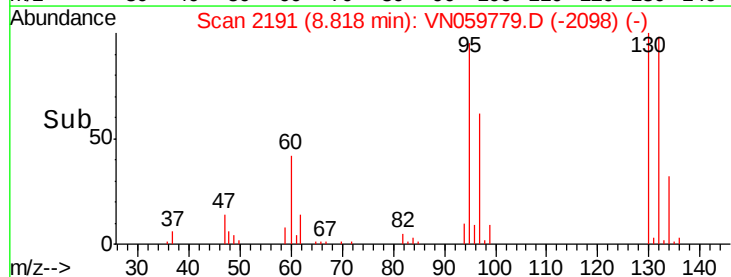
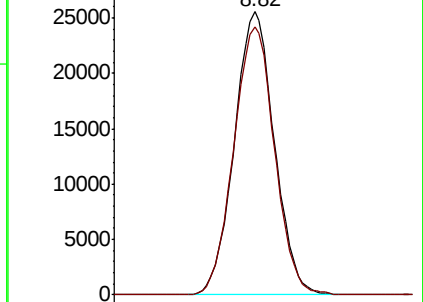
130 100

95 94.9 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059779.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059779.D (-2098) (-)

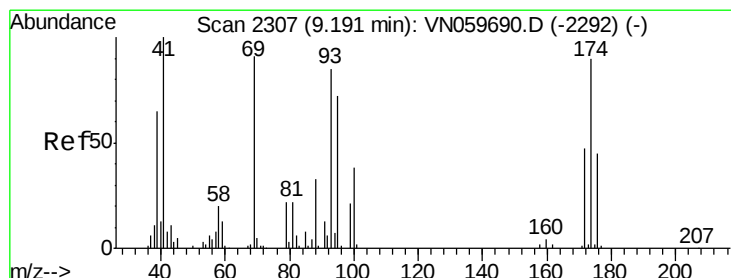
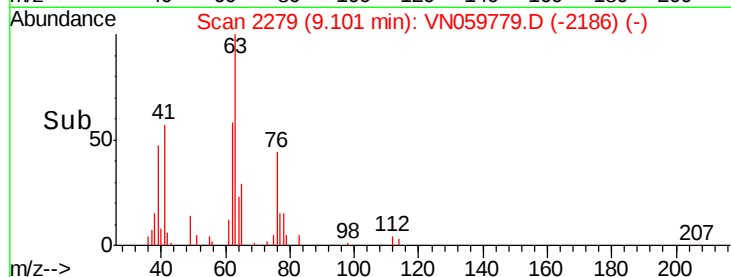
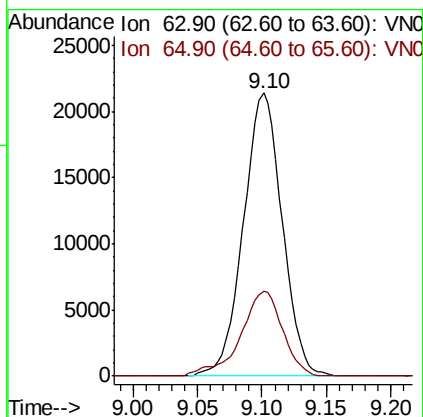
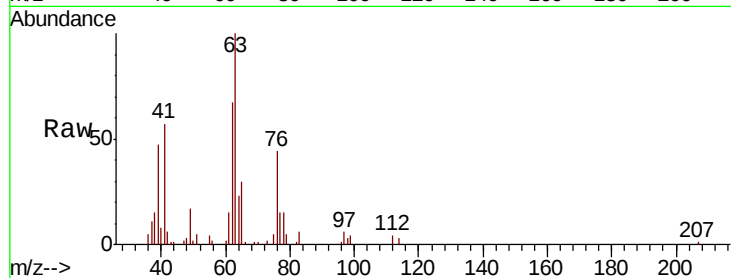




#45  
 1,2-Dichloropropane  
 Concen: 22.098 ug/l  
 RT: 9.10 min Scan# 2279  
 Delta R.T. 0.00 min  
 Lab File: VN059779.D  
 Acq: 20 Jan 2020 11:51

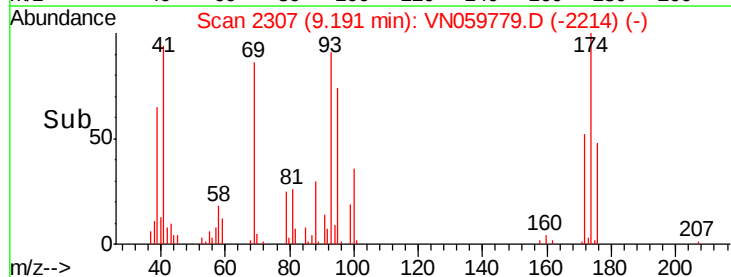
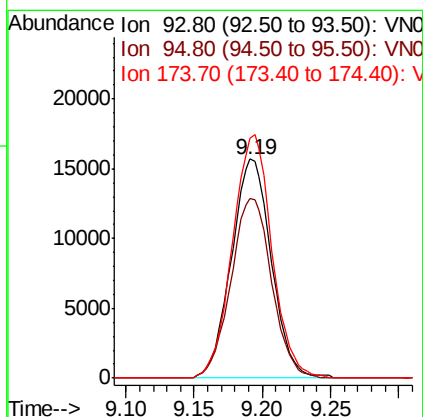
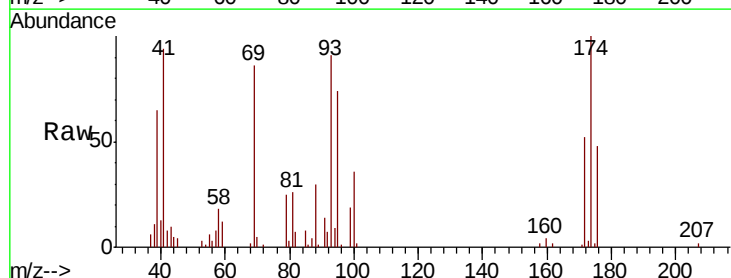
Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion: 63 Resp: 44894  
 Ion Ratio Lower Upper  
 63 100  
 65 29.8 24.9 37.3



#46  
 Dibromomethane  
 Concen: 22.308 ug/l  
 RT: 9.19 min Scan# 2307  
 Delta R.T. 0.00 min  
 Lab File: VN059779.D  
 Acq: 20 Jan 2020 11:51

Tgt Ion: 93 Resp: 31969  
 Ion Ratio Lower Upper  
 93 100  
 95 83.3 67.0 100.6  
 174 109.5 73.4 110.2

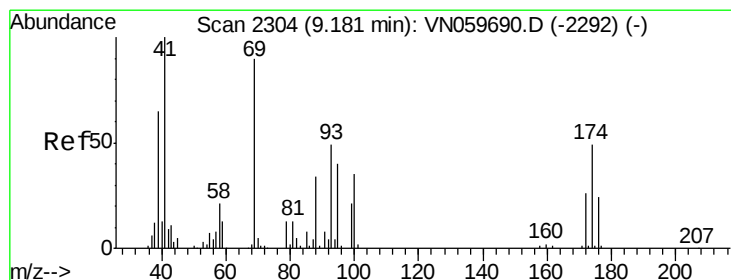
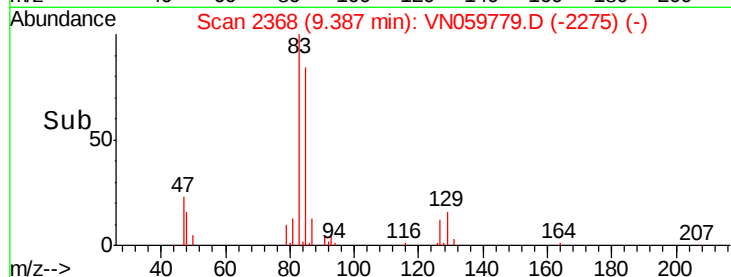
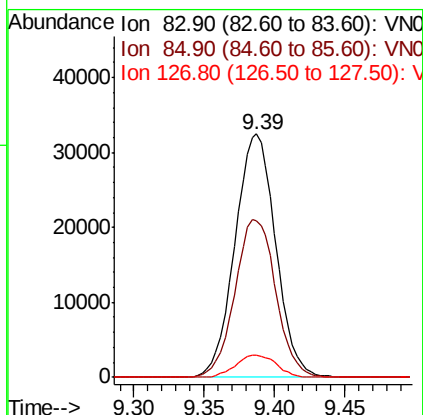
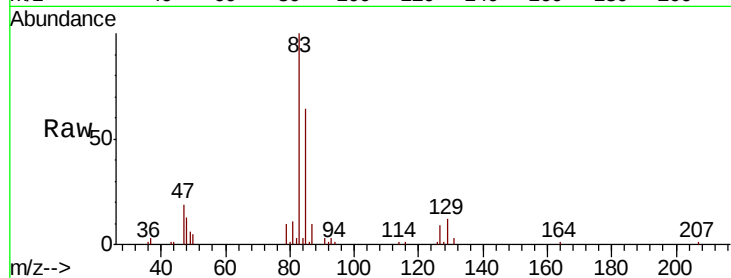




#47  
Bromodichloromethane  
Concen: 22.681 ug/l  
RT: 9.39 min Scan# 2368  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

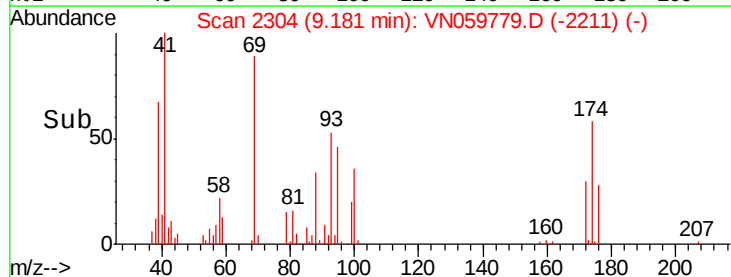
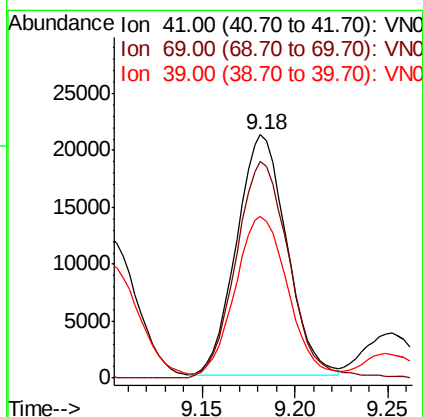
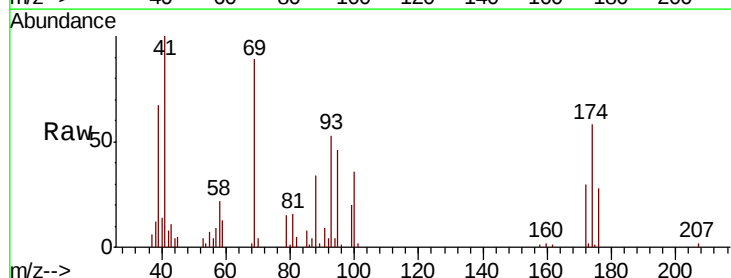
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 83 Resp: 65499  
Ion Ratio Lower Upper  
83 100  
85 64.3 51.1 76.7  
127 8.9 6.6 9.8



#48  
Methyl methacrylate  
Concen: 19.974 ug/l  
RT: 9.18 min Scan# 2304  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion: 41 Resp: 39678  
Ion Ratio Lower Upper  
41 100  
69 95.3 64.4 96.6  
39 71.1 51.3 76.9

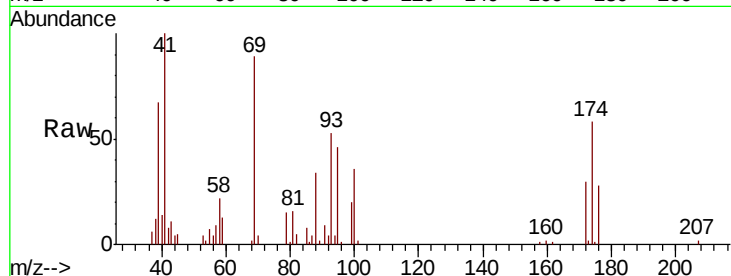




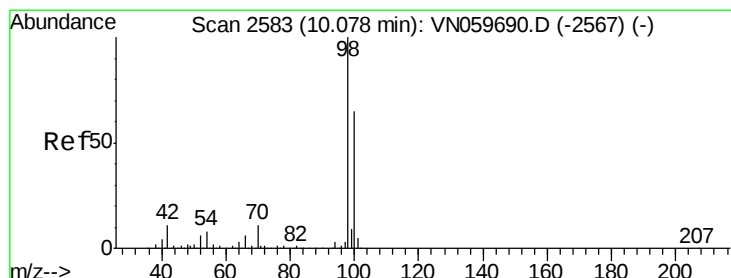
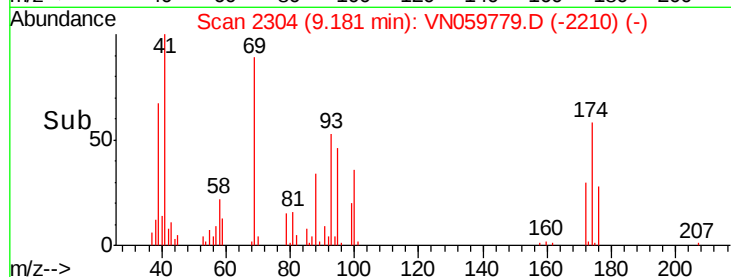
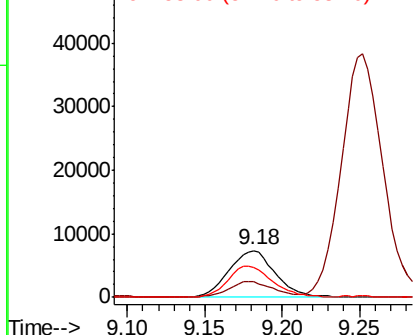
#49  
1,4-Dioxane  
Concen: 420.051 ug/l  
RT: 9.18 min Scan# 2304  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 88 Resp: 15275  
Ion Ratio Lower Upper  
88 100  
43 33.0 29.7 44.5  
58 63.8 56.6 85.0

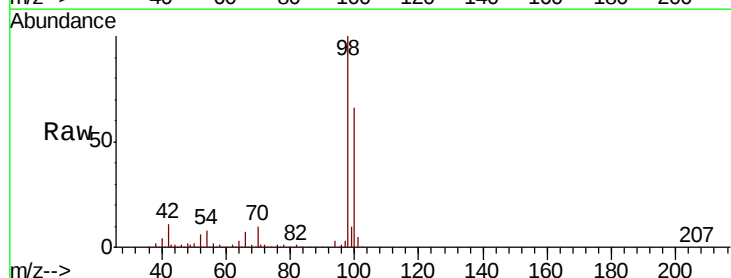


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

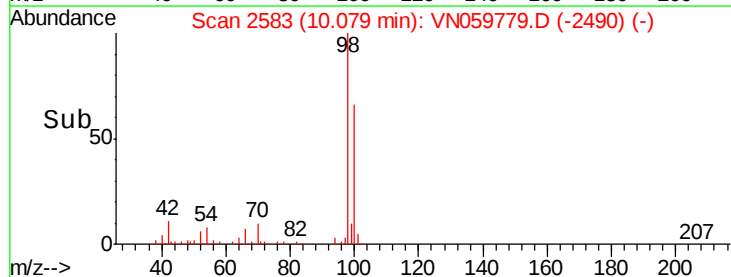
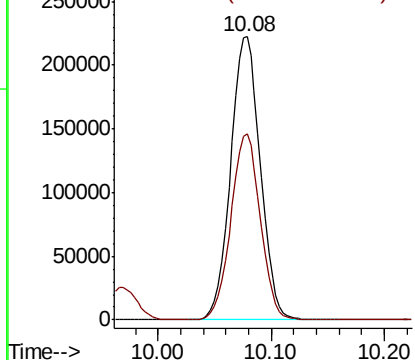


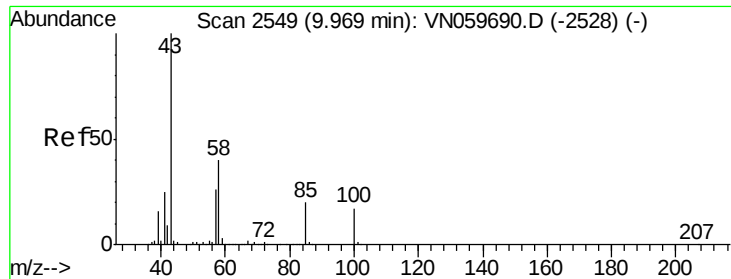
#50  
Toluene-d8  
Concen: 55.479 ug/l  
RT: 10.08 min Scan# 2583  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion: 98 Resp: 405212  
Ion Ratio Lower Upper  
98 100  
100 65.2 51.2 76.8



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

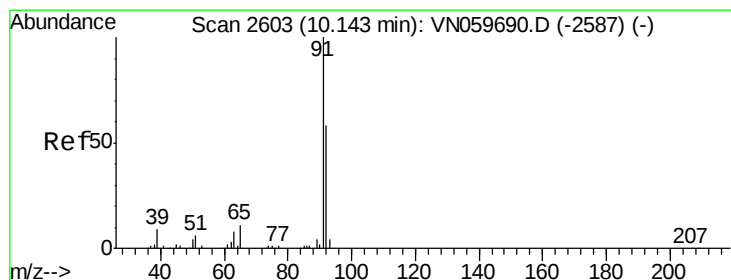
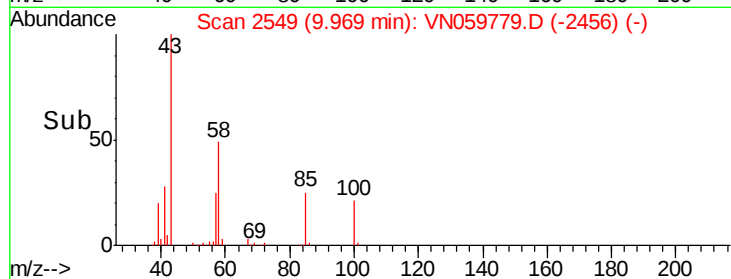
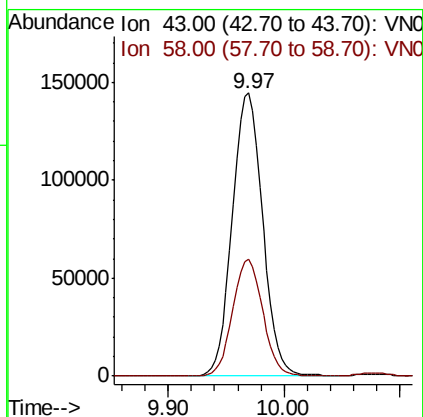
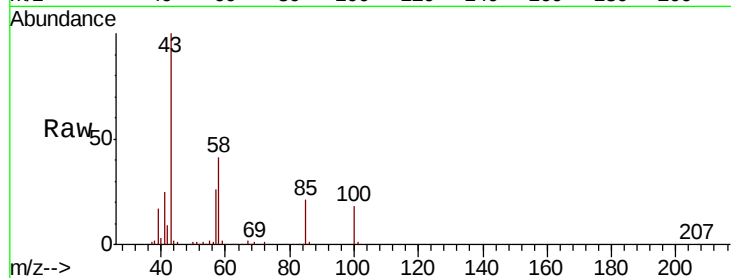




#51  
4-Methyl-2-Pentanone  
Concen: 102.579 ug/l  
RT: 9.97 min Scan# 2549  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

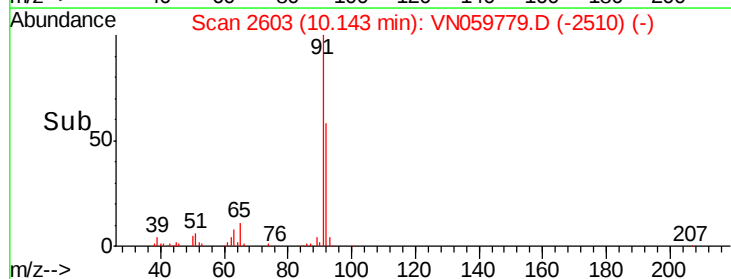
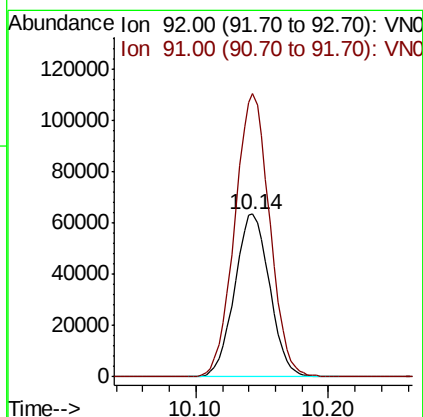
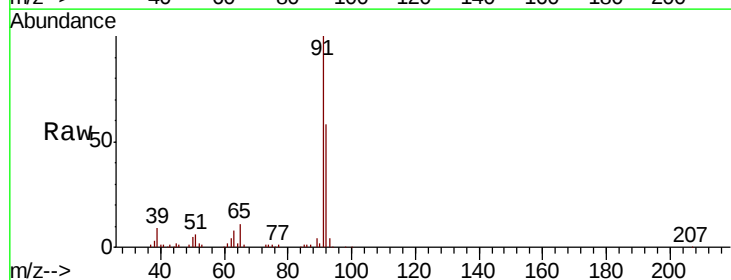
Instrument :  
MSVOA\_N  
ClientSampled :

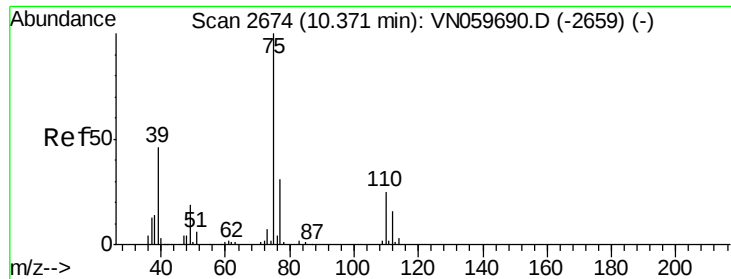
Tot Ion: 43 Resp: 263342  
Ion Ratio Lower Upper  
43 100  
58 40.8 29.8 44.8



#52  
Toluene  
Concen: 22.441 ug/l  
RT: 10.14 min Scan# 2603  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion: 92 Resp: 116373  
Ion Ratio Lower Upper  
92 100  
91 173.7 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 22.071 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

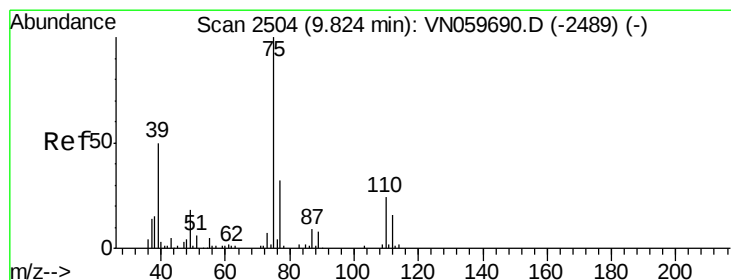
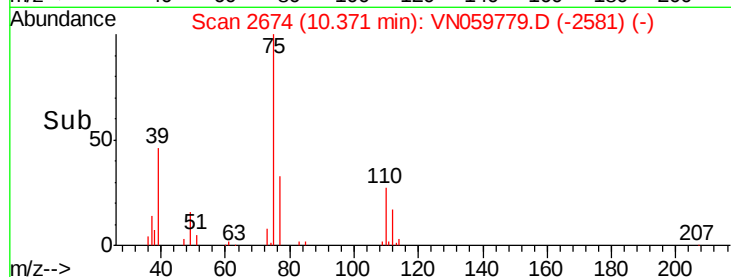
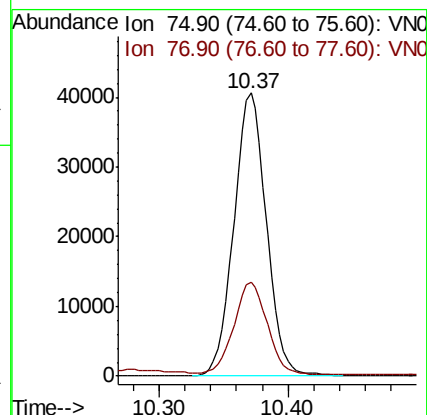
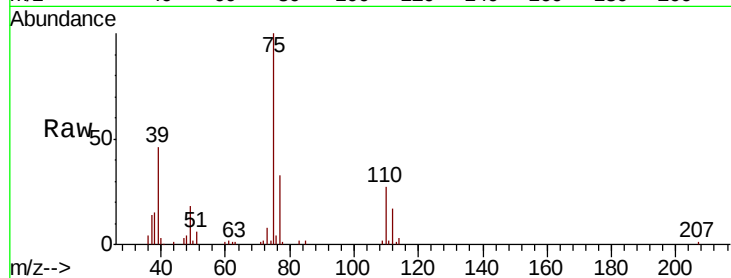
ClientSampled :

Tot Ion: 75 Resp: 71169

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 22.649 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

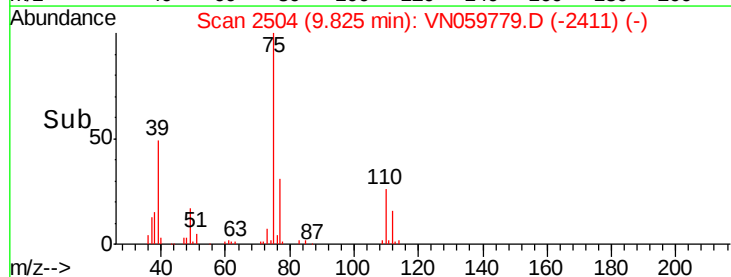
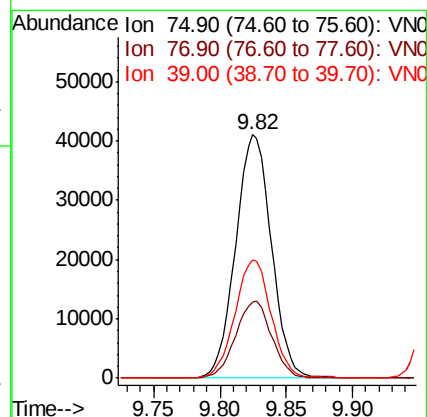
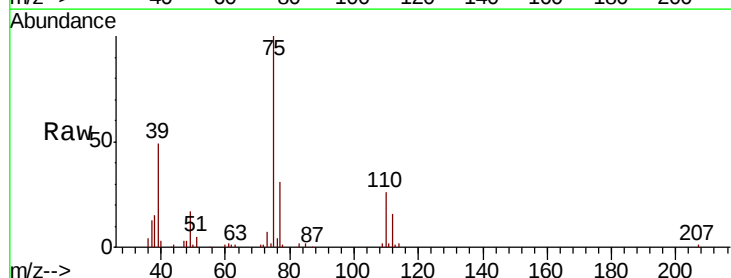
Tgt Ion: 75 Resp: 76844

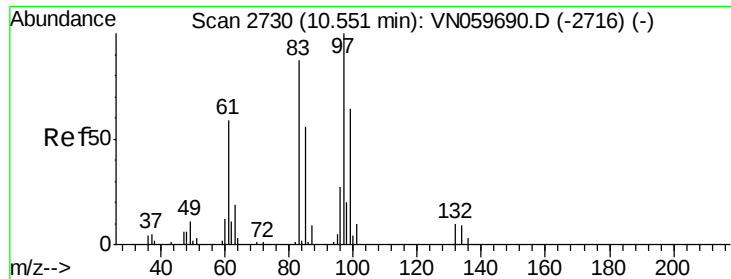
Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7

39 48.8 46.1 69.1

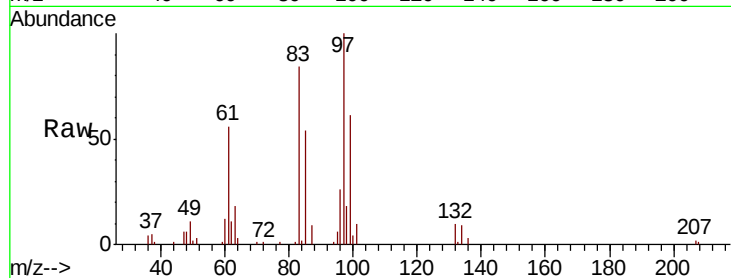




#55  
 1,1,2-Trichloroethane  
 Concen: 22.572 ug/l  
 RT: 10.55 min Scan# 2730  
 Delta R.T. 0.00 min  
 Lab File: VN059779.D  
 Acq: 20 Jan 2020 11:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 46360 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.8  | 71.3  | 106.9 |
| 85       | 54.0  | 45.8  | 68.8  |
| 99       | 60.8  | 50.0  | 75.0  |



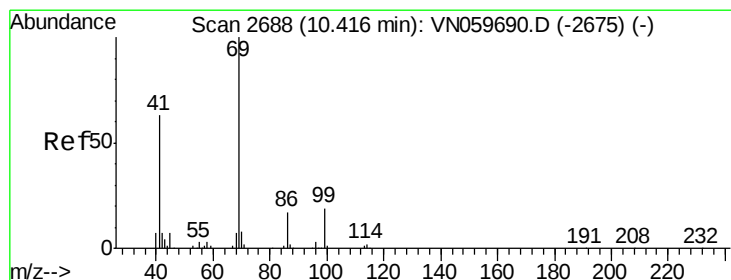
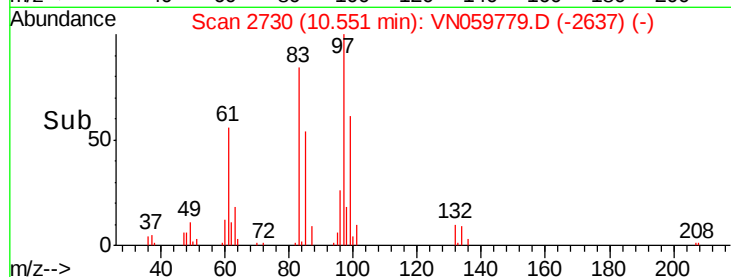
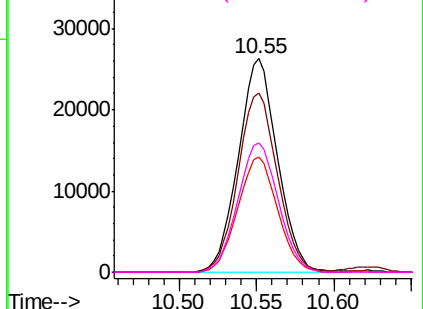
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

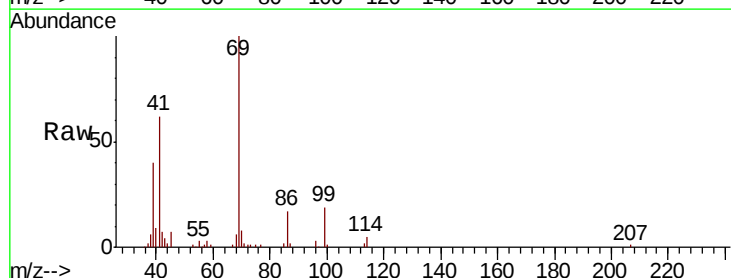
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56  
 Ethyl methacrylate  
 Concen: 21.103 ug/l  
 RT: 10.42 min Scan# 2688  
 Delta R.T. 0.00 min  
 Lab File: VN059779.D  
 Acq: 20 Jan 2020 11:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 66228 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 60.4  | 57.1  | 85.7  |
| 39       | 40.7  | 34.7  | 52.1  |

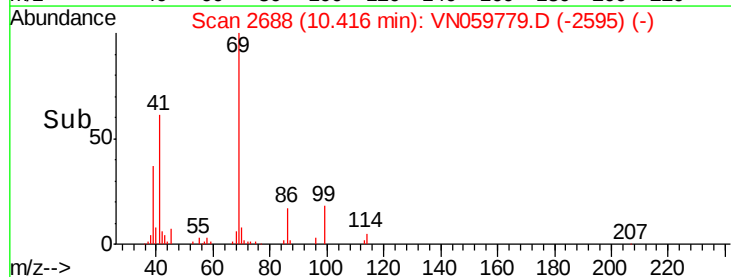
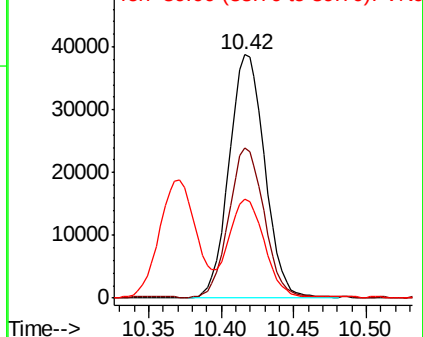


Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 22.392 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

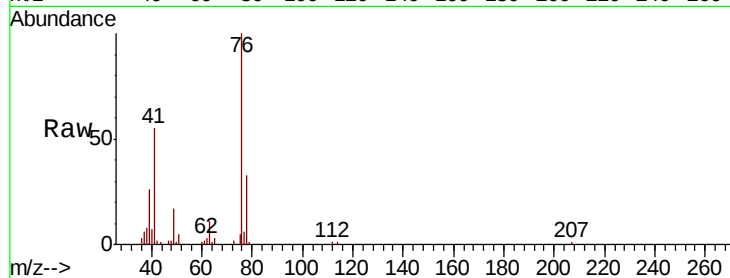
ClientSampled :

Tot Ion: 76 Resp: 73016

Ion Ratio Lower Upper

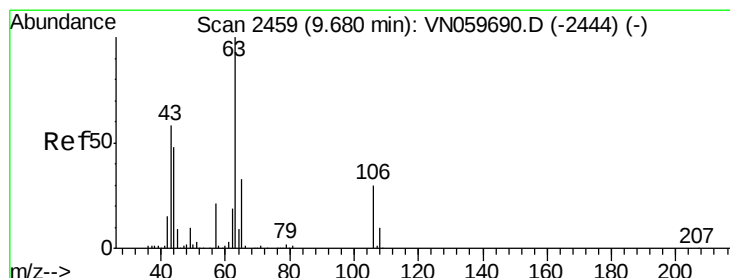
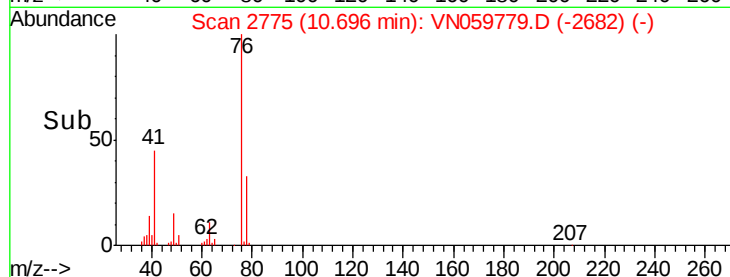
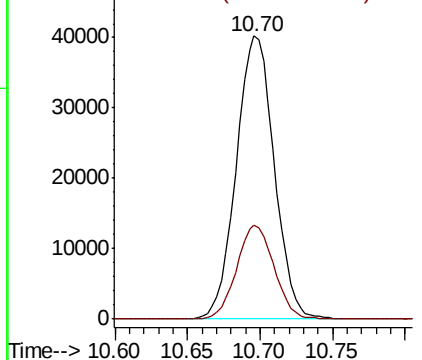
76 100

78 32.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 109.377 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059779.D

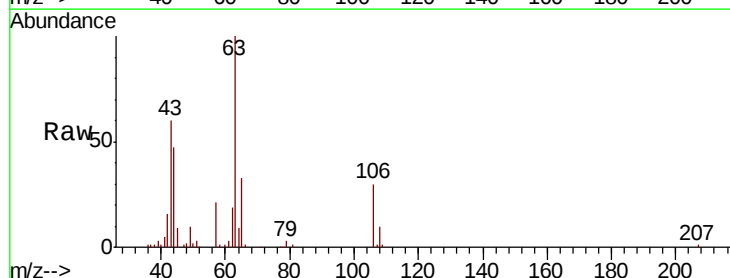
Acq: 20 Jan 2020 11:51

Tgt Ion: 63 Resp: 103391

Ion Ratio Lower Upper

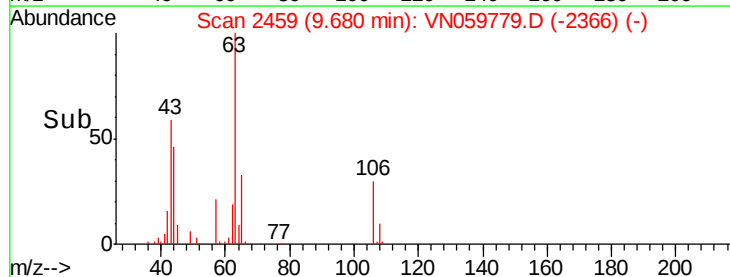
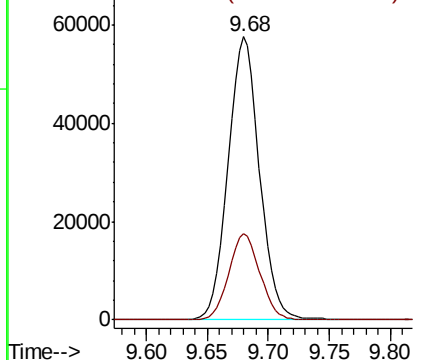
63 100

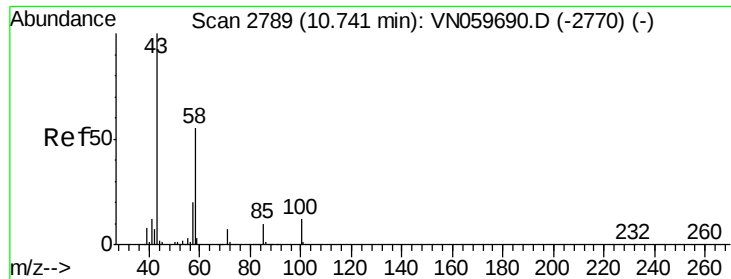
106 30.1 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

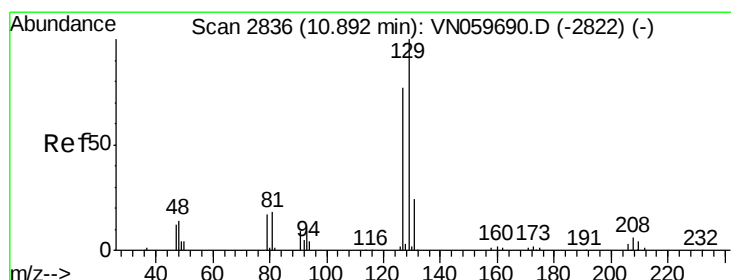
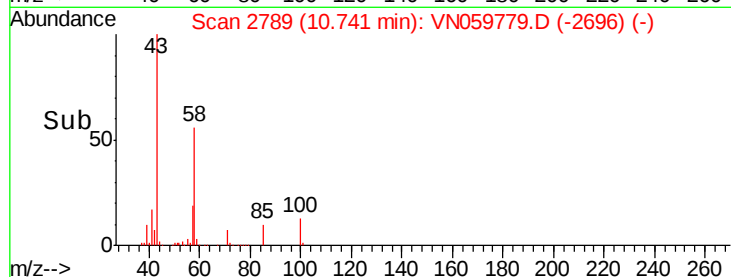
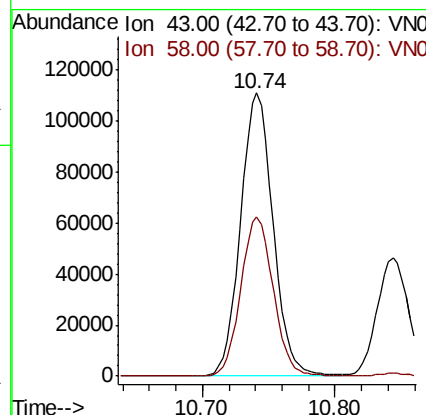
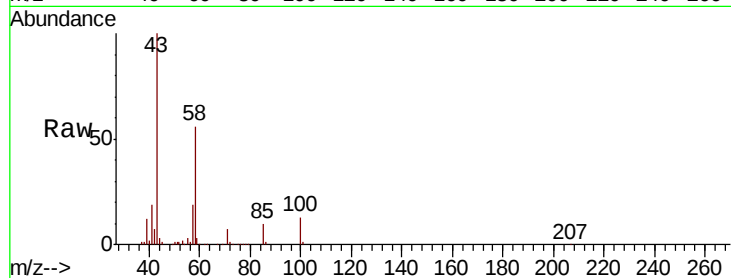




#59  
2-Hexanone  
Concen: 99.816 ug/l  
RT: 10.74 min Scan# 2789  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

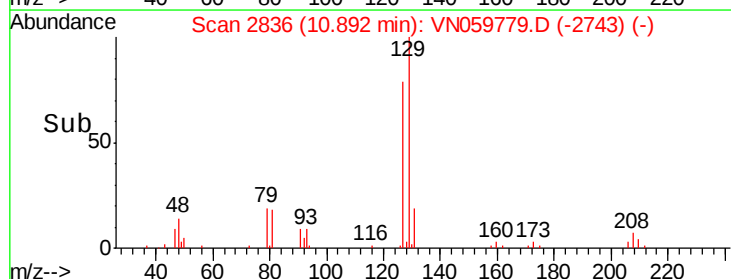
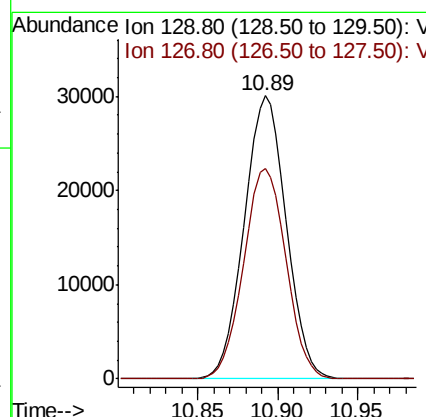
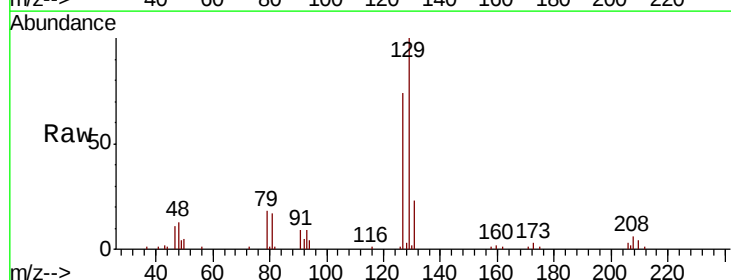
Instrument :  
MSVOA\_N  
ClientSampled :

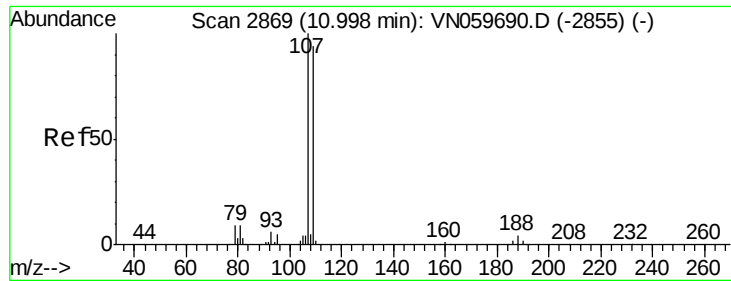
Tot Ion: 43 Resp: 188778  
Ion Ratio Lower Upper  
43 100  
58 56.3 25.8 77.3



#60  
Dibromochloromethane  
Concen: 22.991 ug/l  
RT: 10.89 min Scan# 2836  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion: 129 Resp: 53773  
Ion Ratio Lower Upper  
129 100  
127 75.1 38.5 115.5

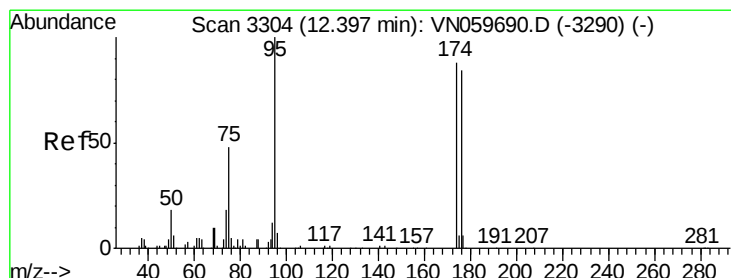
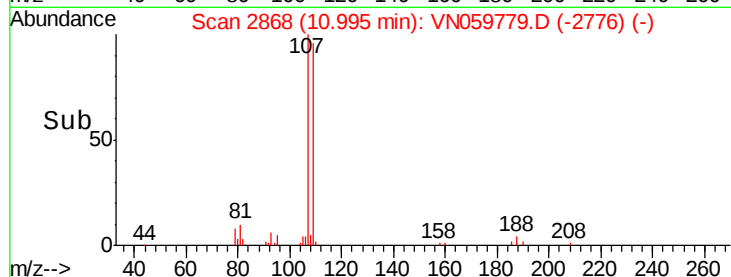
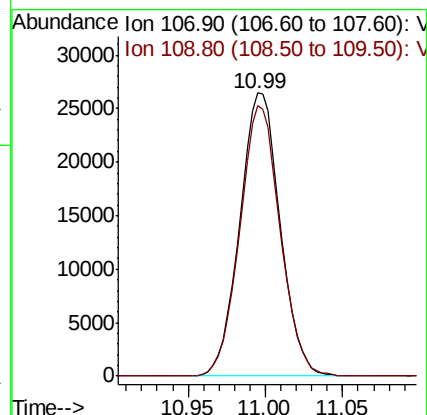
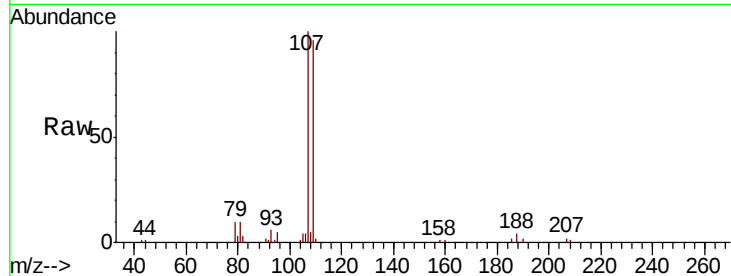




#61  
 1,2-Dibromoethane  
 Concen: 22.258 ug/l  
 RT: 10.99 min Scan# 2868  
 Delta R.T. -0.00 min  
 Lab File: VN059779.D  
 Acq: 20 Jan 2020 11:51

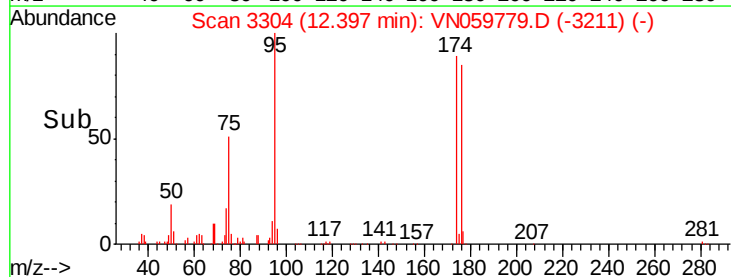
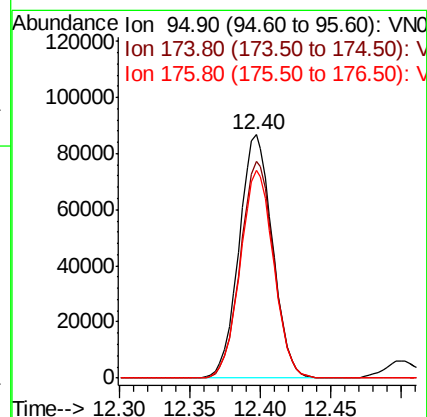
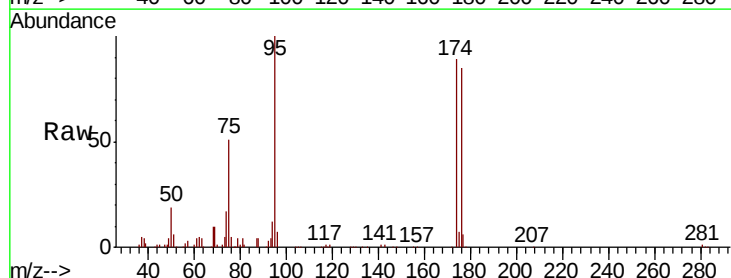
Instrument :  
 MSVOA\_N  
 ClientSampleId :

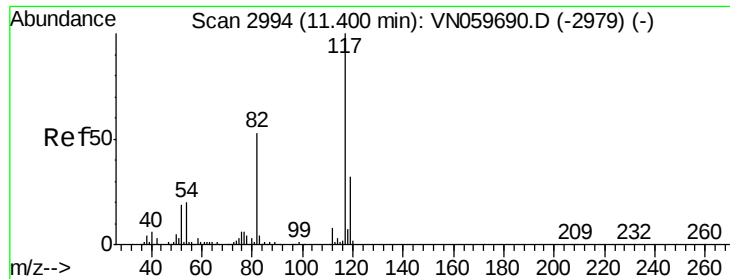
Tot Ion:107 Resp: 47914  
 Ion Ratio Lower Upper  
 107 100  
 109 95.6 76.6 115.0



#62  
 4-Bromofluorobenzene  
 Concen: 54.624 ug/l  
 RT: 12.40 min Scan# 3304  
 Delta R.T. 0.00 min  
 Lab File: VN059779.D  
 Acq: 20 Jan 2020 11:51

Tgt Ion: 95 Resp: 143827  
 Ion Ratio Lower Upper  
 95 100  
 174 89.2 0.0 151.4  
 176 85.7 0.0 146.0

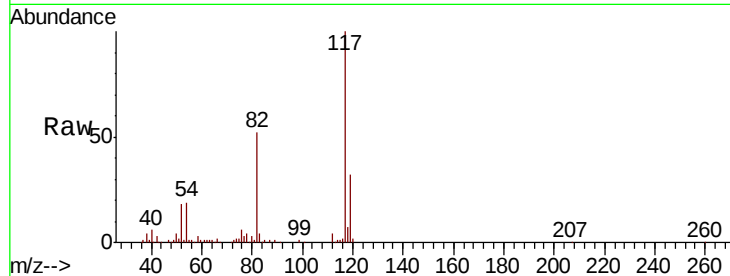




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Instrument :  
MSVOA\_N  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.9  | 45.9  | 68.9  |
| 119     | 32.3  | 25.5  | 38.3  |

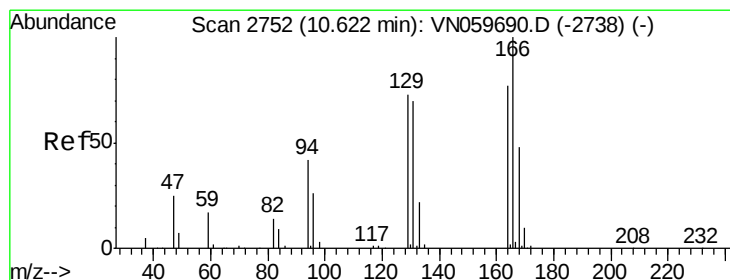
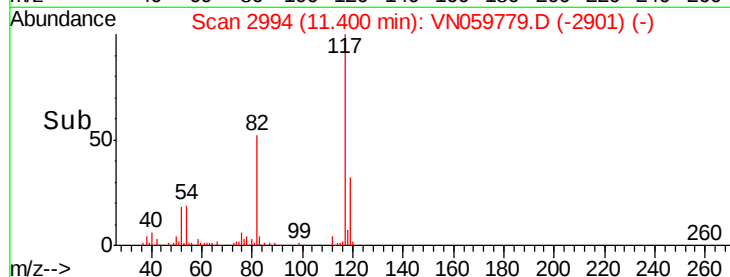
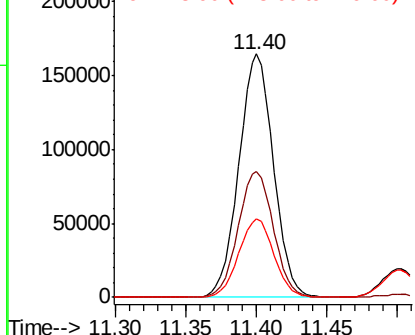


Abundance

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: 22.690 ug/l  
RT: 10.62 min Scan# 2752  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 132.6 | 101.4 | 152.0 |
| 129     | 92.1  | 80.2  | 120.4 |
| 131     | 87.4  | 75.0  | 112.4 |

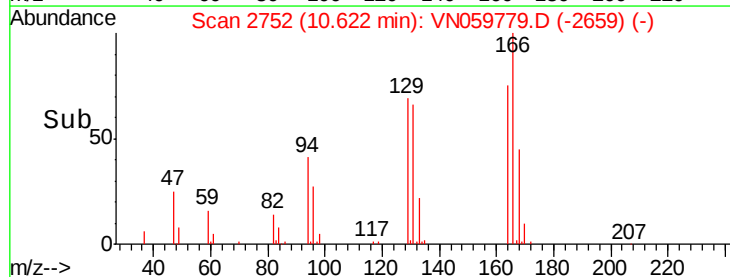
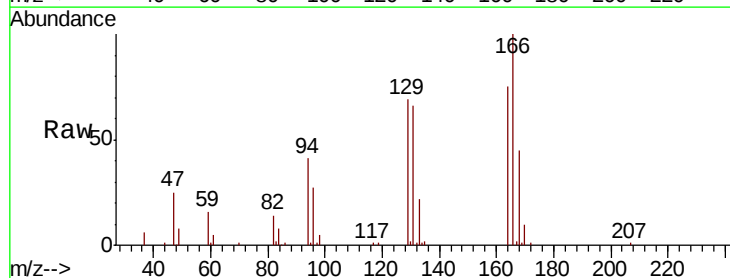
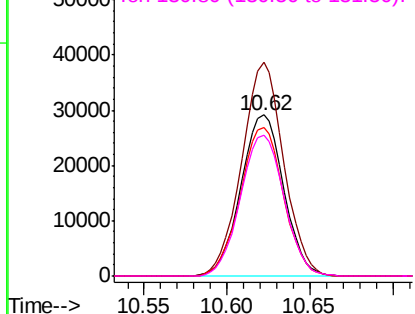
Abundance

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

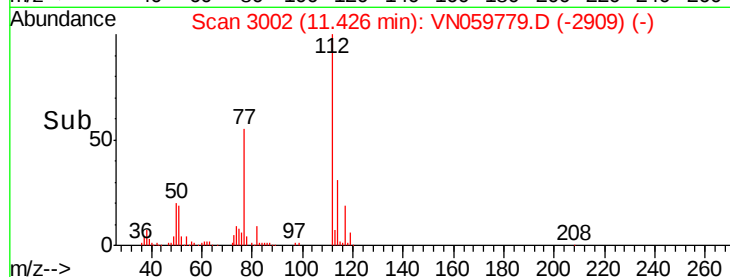
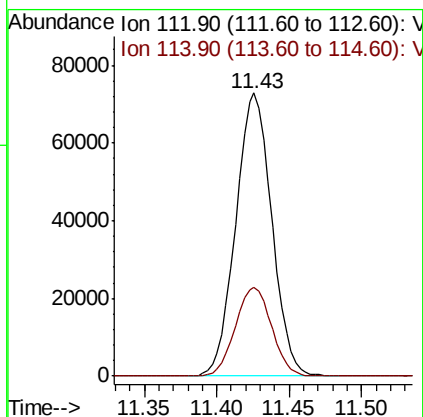
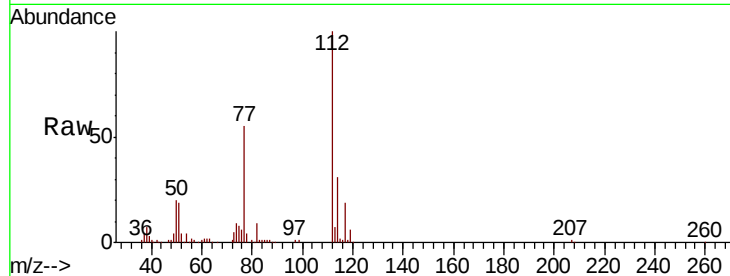




#65  
Chlorobenzene  
Concen: 22.602 ug/l  
RT: 11.43 min Scan# 3002  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

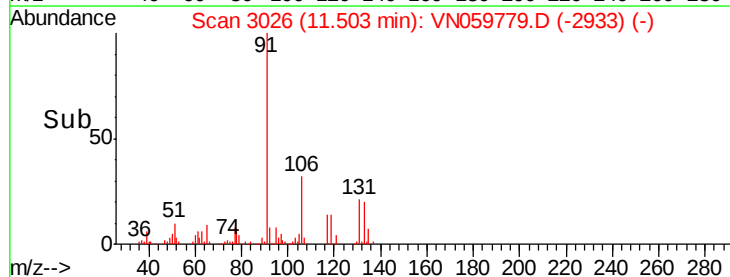
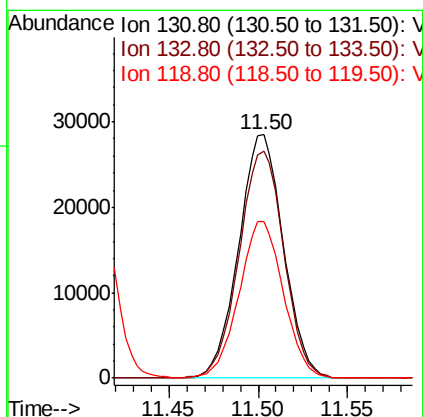
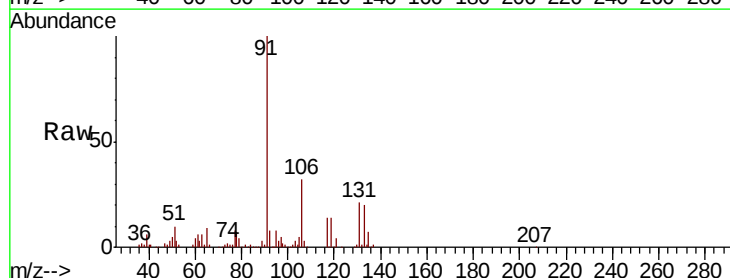
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:112 Resp: 125843  
Ion Ratio Lower Upper  
112 100  
114 31.5 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 23.071 ug/l  
RT: 11.50 min Scan# 3026  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion:131 Resp: 49635  
Ion Ratio Lower Upper  
131 100  
133 93.7 47.4 142.2  
119 64.0 33.1 99.3





#67

Ethyl Benzene

Concen: 22.128 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

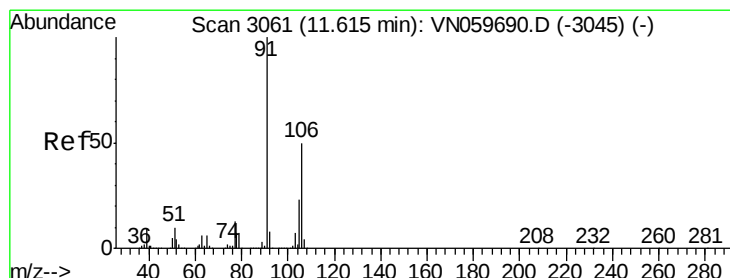
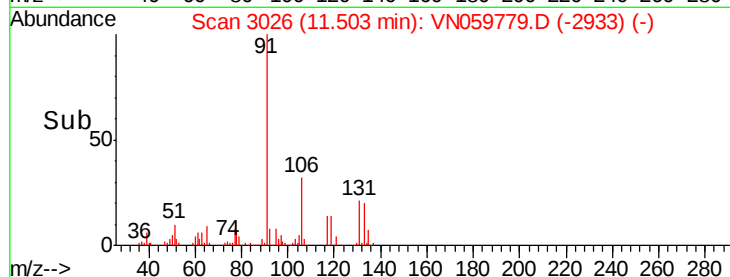
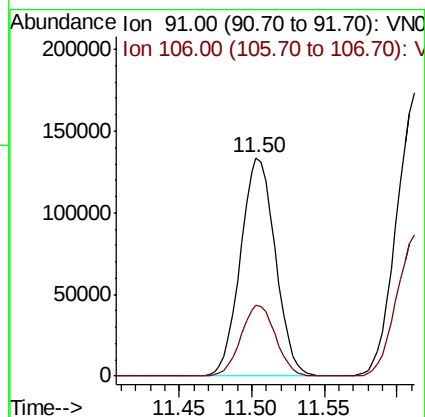
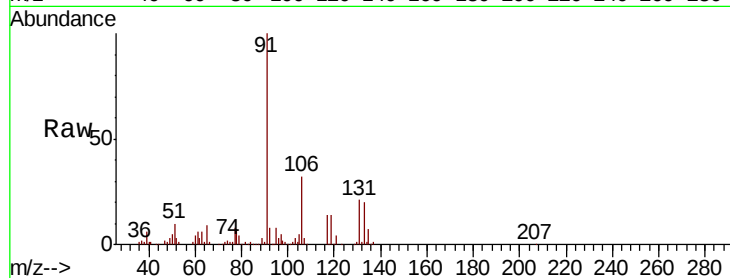
ClientSampleId :

Tot Ion: 91 Resp: 223655

Ion Ratio Lower Upper

91 100

106 32.4 24.1 36.1



#68

m/p-Xylenes

Concen: 45.062 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059779.D

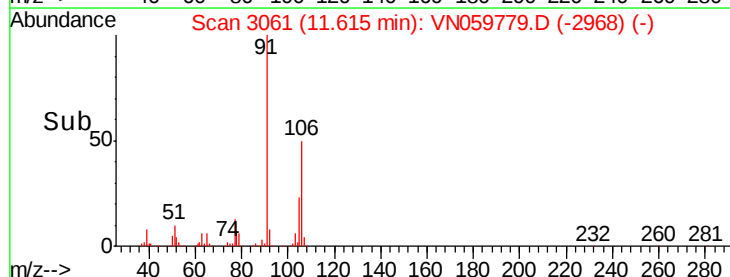
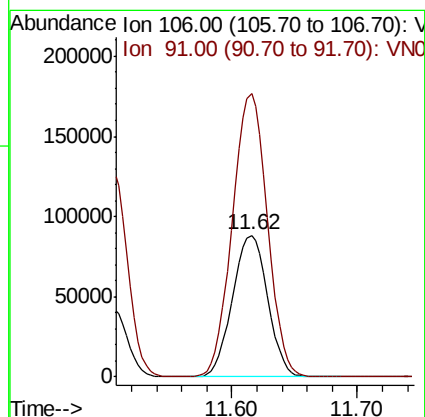
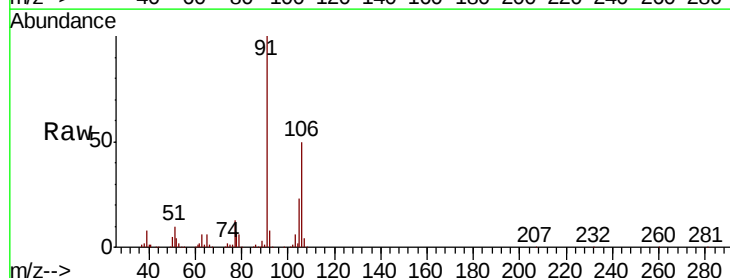
Acq: 20 Jan 2020 11:51

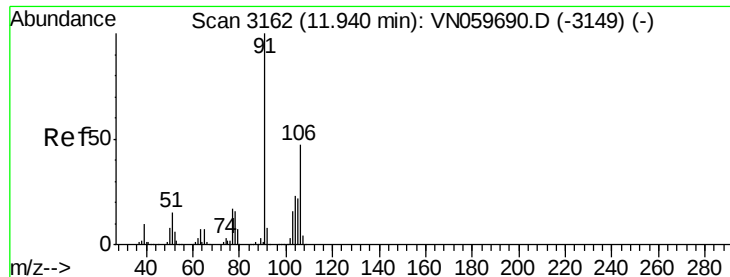
Tgt Ion: 106 Resp: 172043

Ion Ratio Lower Upper

106 100

91 198.3 167.9 251.9

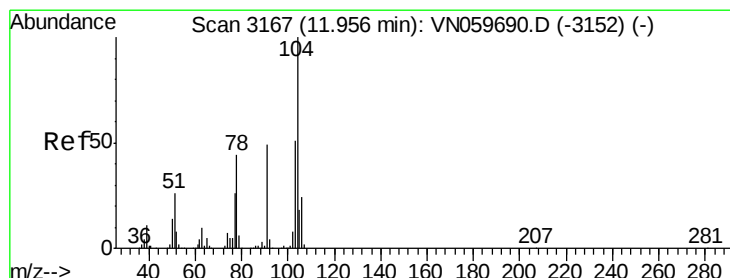
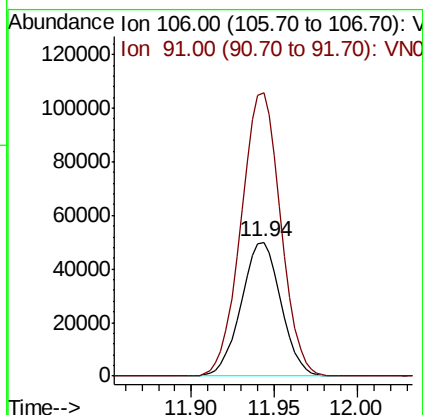
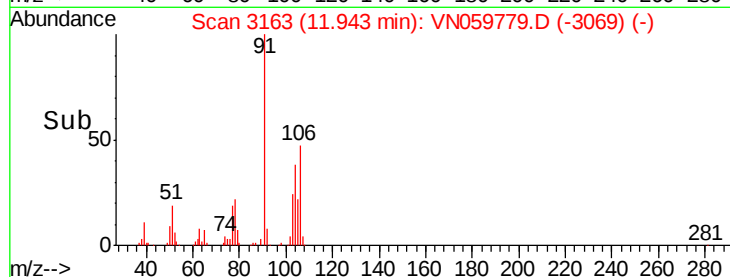
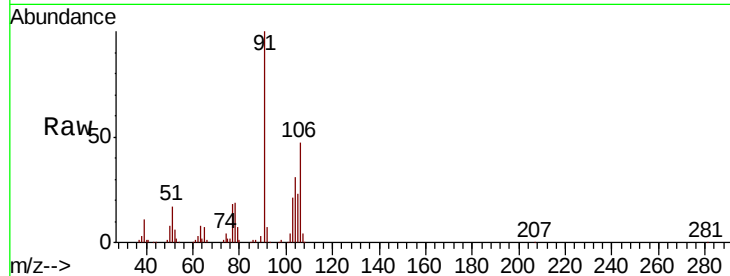




#69  
o-Xylene  
Concen: 22.301 ug/l  
RT: 11.94 min Scan# 3163  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

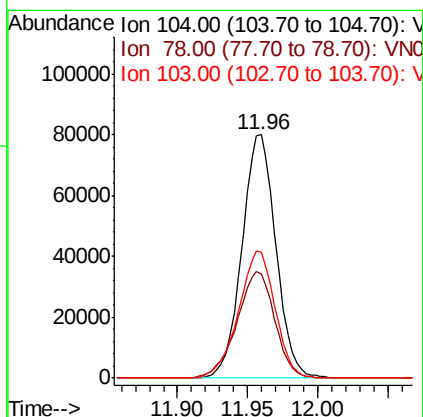
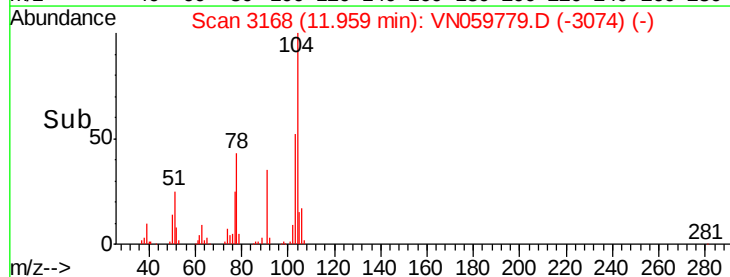
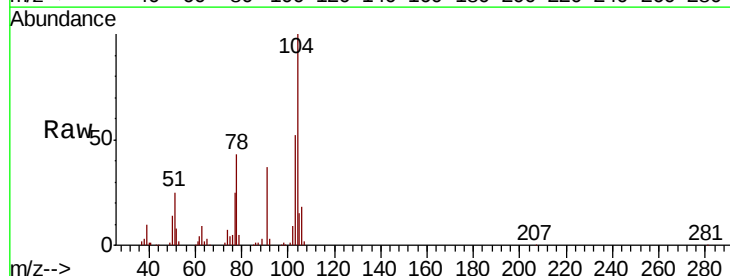
Instrument :  
MSVOA\_N  
ClientSampled :

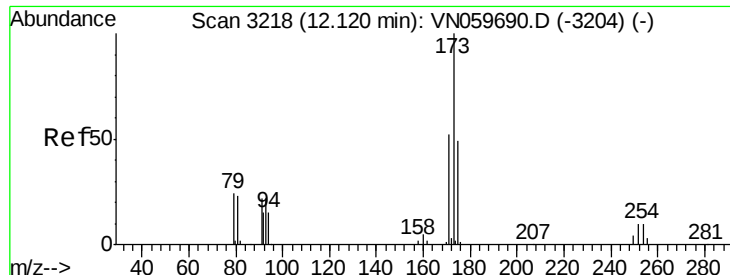
Tot Ion:106 Resp: 83356  
Ion Ratio Lower Upper  
106 100  
91 211.2 110.3 330.9



#70  
Styrene  
Concen: 21.590 ug/l  
RT: 11.96 min Scan# 3168  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion:104 Resp: 135034  
Ion Ratio Lower Upper  
104 100  
78 48.6 42.4 63.6  
103 56.1 43.9 65.9

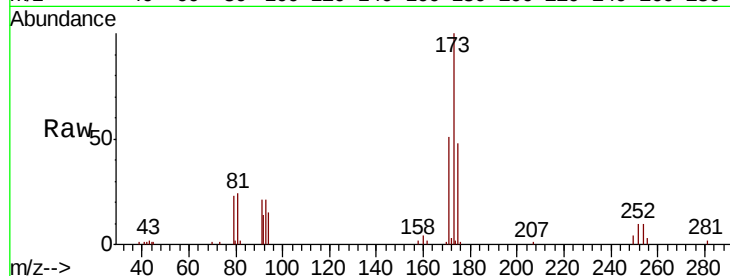




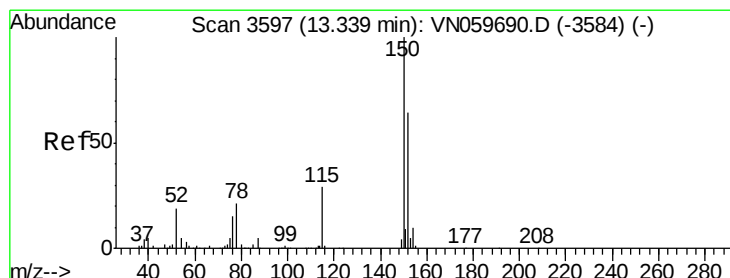
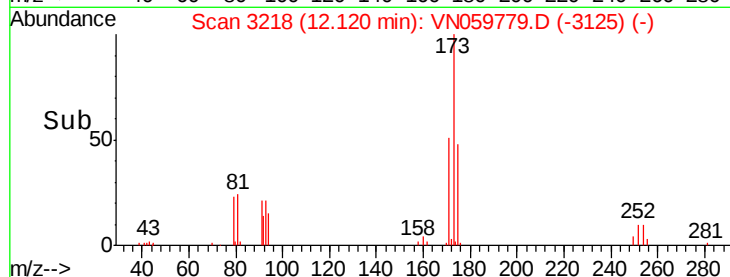
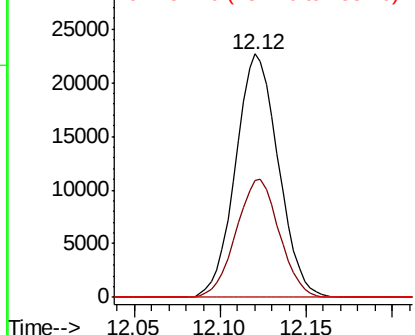
#71  
Bromoform  
Concen: 22.755 ug/l  
RT: 12.12 min Scan# 3218  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:173 Resp: 39214  
Ion Ratio Lower Upper  
173 100  
175 49.1 23.8 71.4  
254 0.0 0.0 0.0

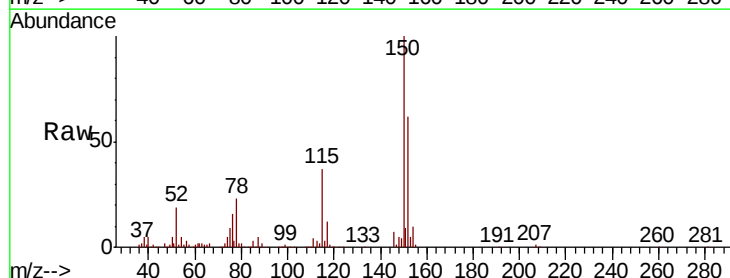


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

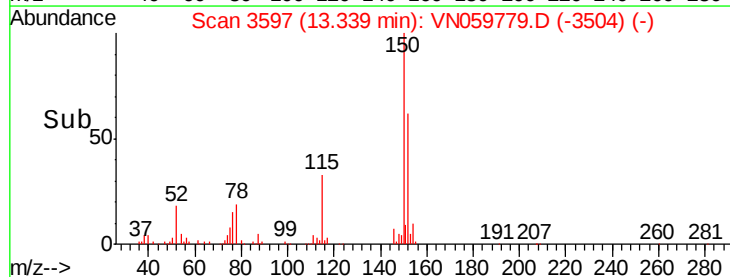
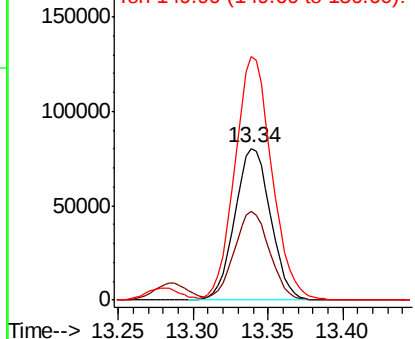


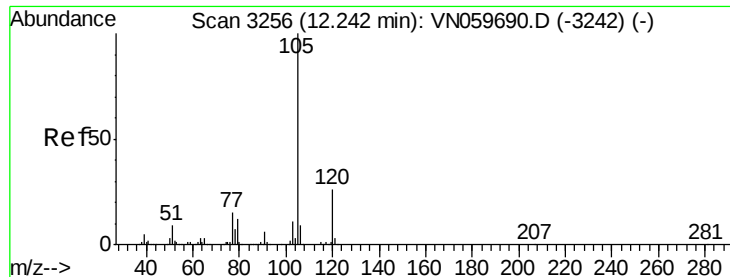
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3597  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion:152 Resp: 134151  
Ion Ratio Lower Upper  
152 100  
115 58.1 30.3 90.9  
150 165.7 0.0 345.2



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





#73

Isopropylbenzene

Concen: 22.631 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

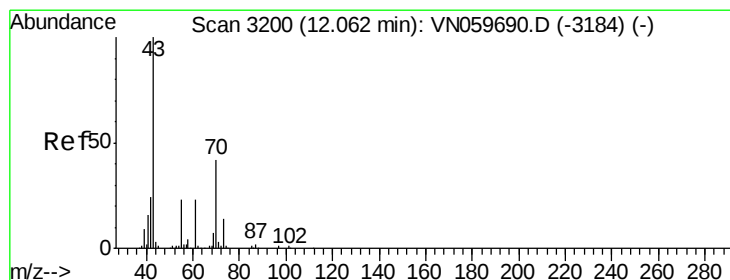
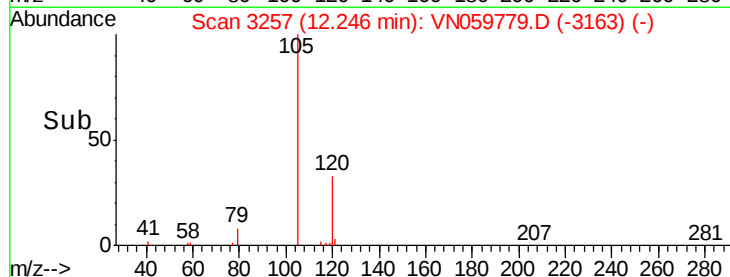
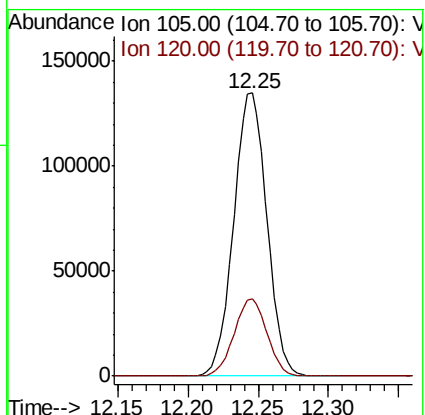
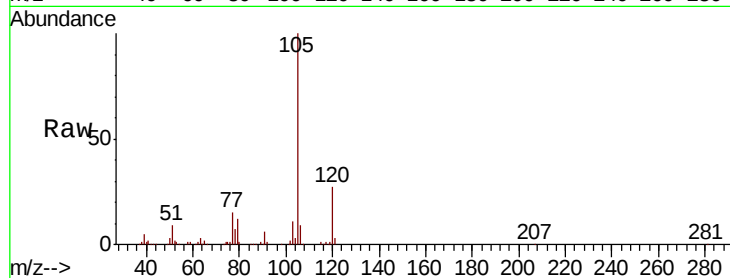
ClientSampled :

Tot Ion:105 Resp: 222660

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.5



#74

N-ethyl acetate

Concen: 20.152 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Tgt Ion: 43 Resp: 76932

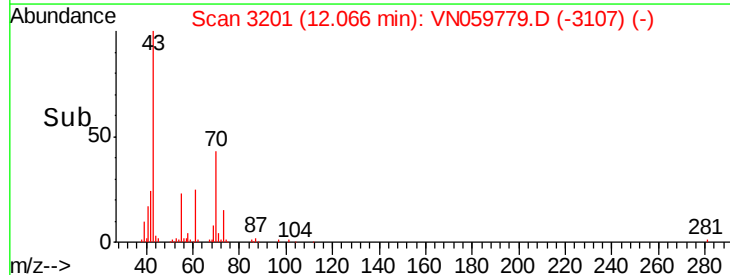
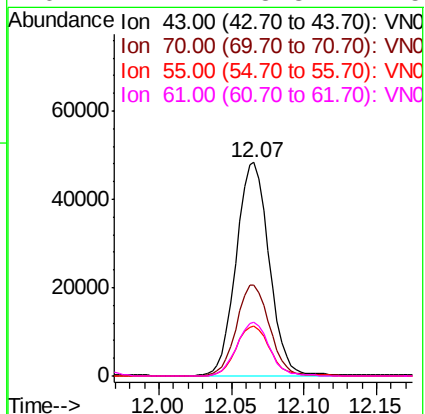
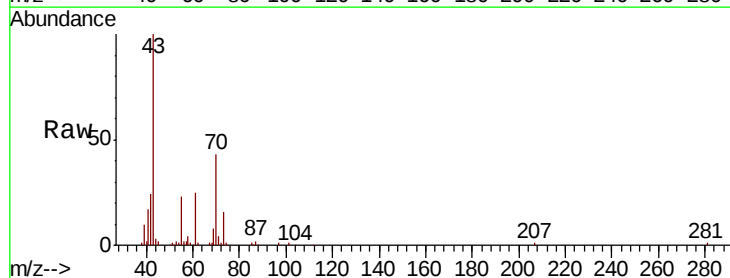
Ion Ratio Lower Upper

43 100

70 42.8 31.3 46.9

55 23.7 19.8 29.6

61 24.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.572 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

ClientSampleId :

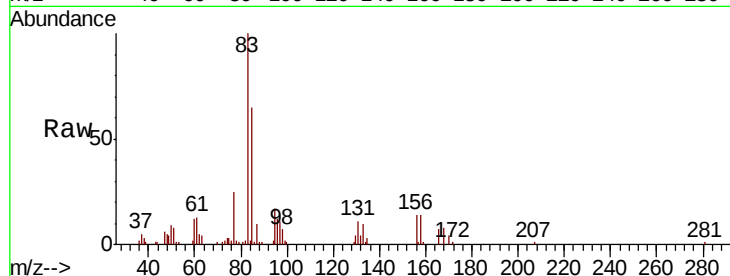
Tot Ion: 83 Resp: 61527

Ion Ratio Lower Upper

83 100

131 11.2 5.0 14.9

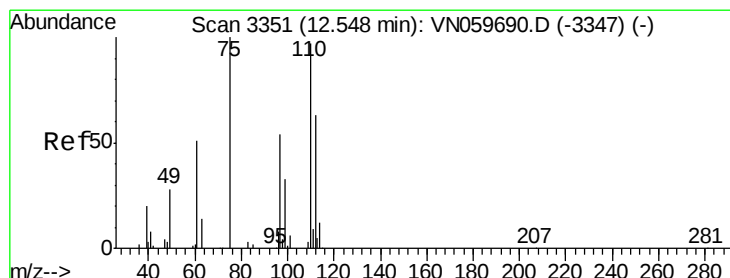
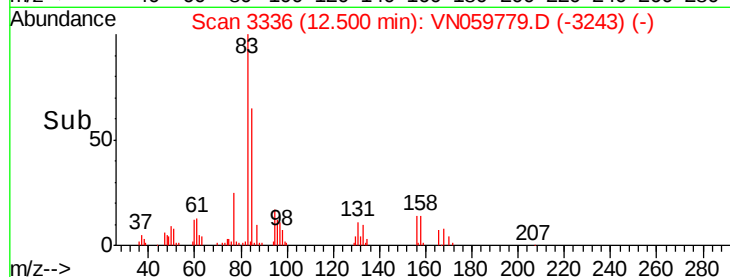
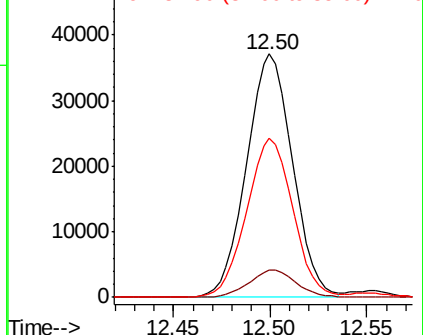
85 65.7 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059779.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059779.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059779.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 37.139 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059779.D

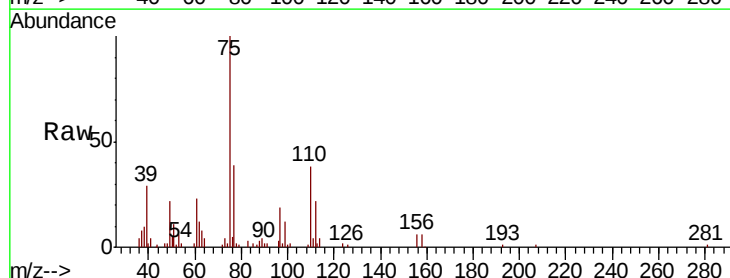
Acq: 20 Jan 2020 11:51

Tgt Ion: 75 Resp: 83846

Ion Ratio Lower Upper

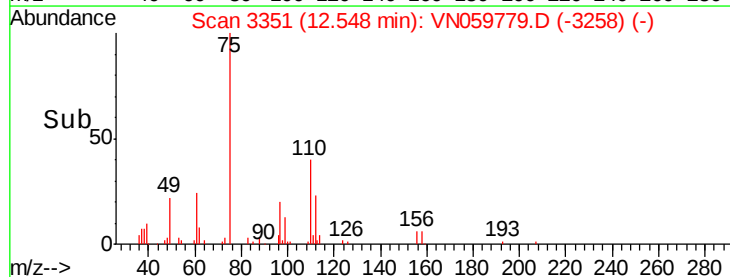
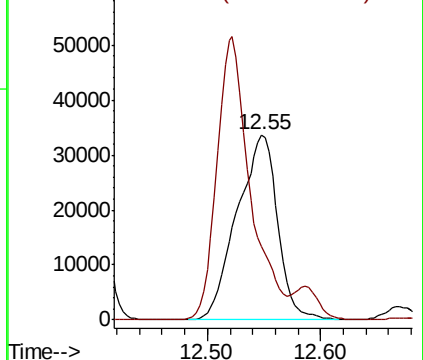
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059779.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059779.D (-3258) (-)





#77

Bromobenzene

Concen: 22.696 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

ClientSampleId :

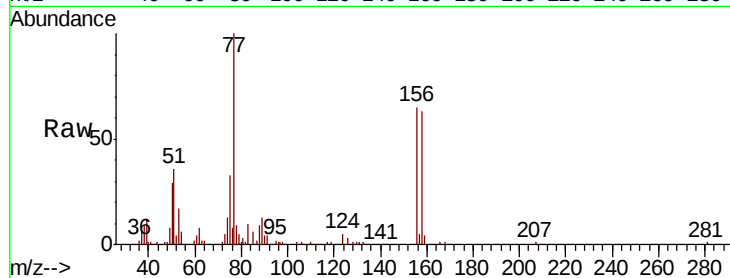
Tot Ion:156 Resp: 56548

Ion Ratio Lower Upper

156 100

77 186.4 115.8 347.4

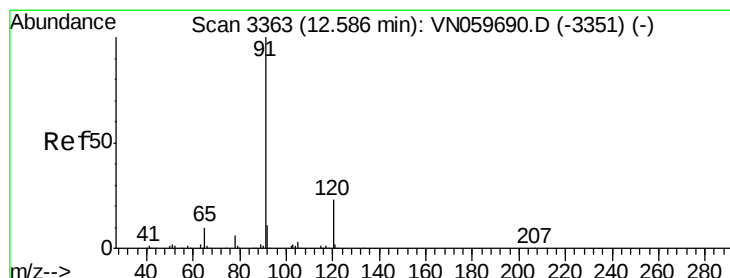
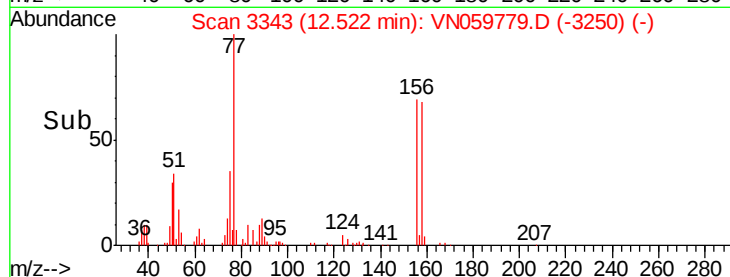
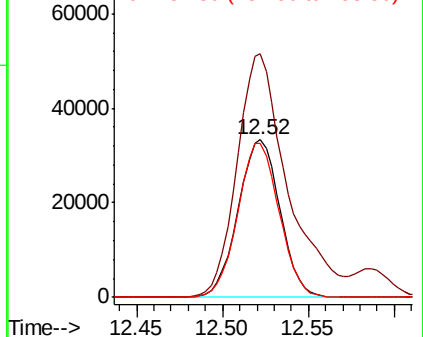
158 96.7 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.493 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059779.D

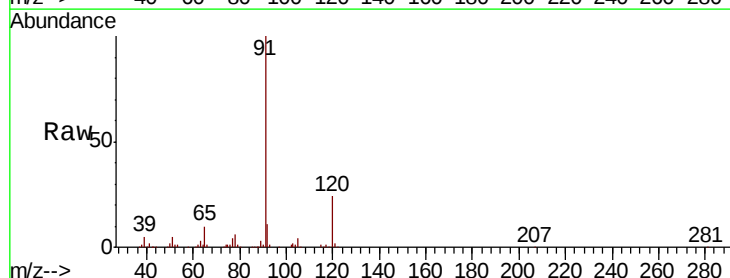
Acq: 20 Jan 2020 11:51

Tgt Ion: 91 Resp: 248389

Ion Ratio Lower Upper

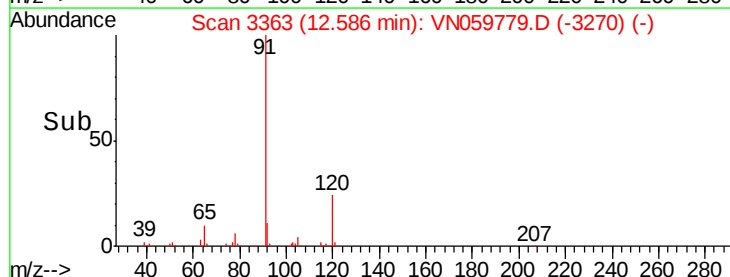
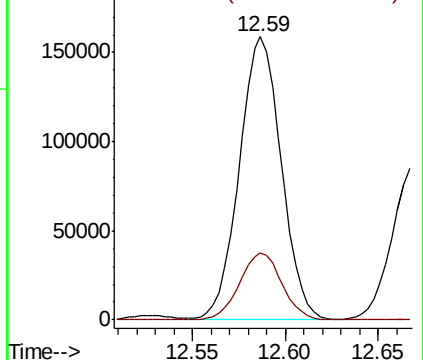
91 100

120 24.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.413 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

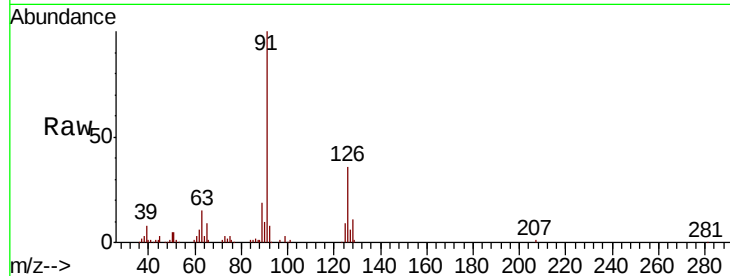
ClientSampled :

Tot Ion: 91 Resp: 147242

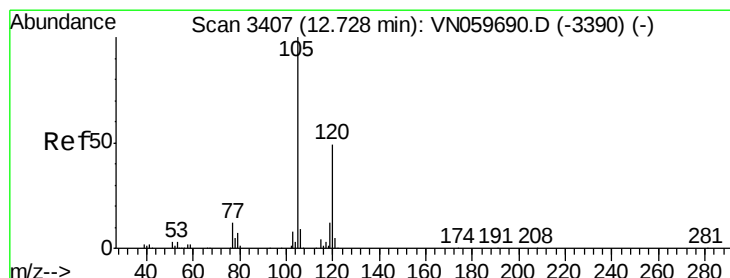
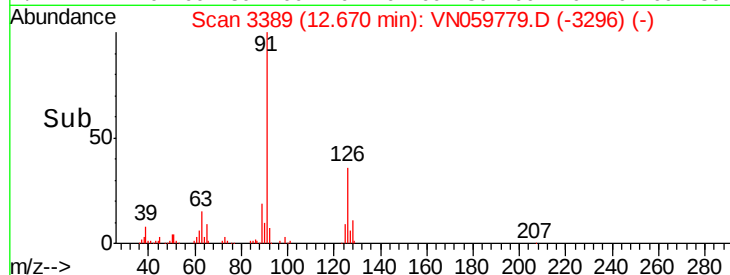
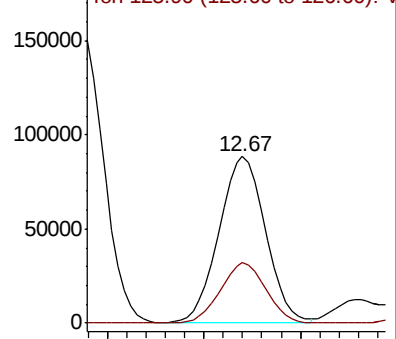
Ion Ratio Lower Upper

91 100

126 36.0 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059779.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.694 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059779.D

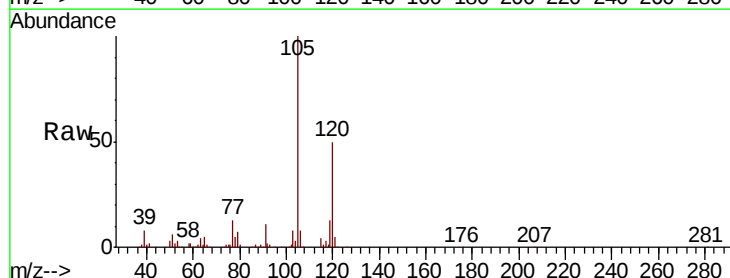
Acq: 20 Jan 2020 11:51

Tgt Ion: 105 Resp: 187773

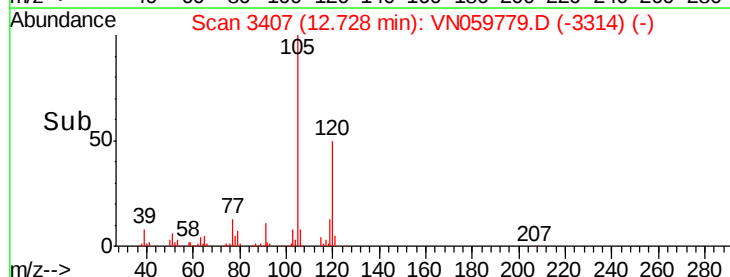
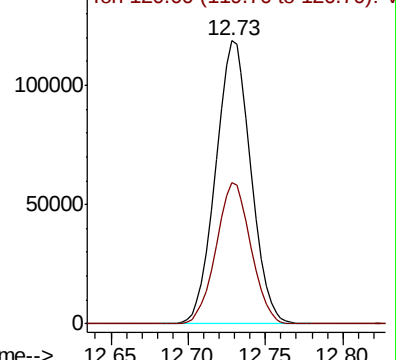
Ion Ratio Lower Upper

105 100

120 49.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059779.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.934 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

ClientSampleId :

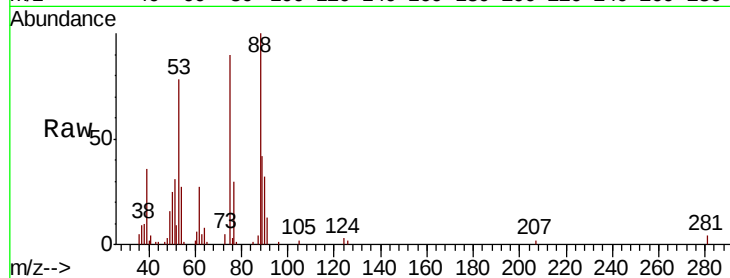
Tot Ion: 75 Resp: 22007

Ion Ratio Lower Upper

75 100

53 90.0 78.1 117.1

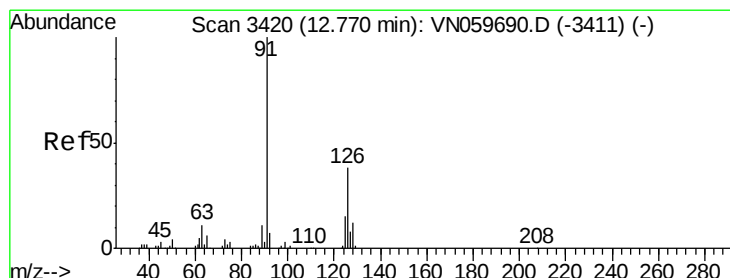
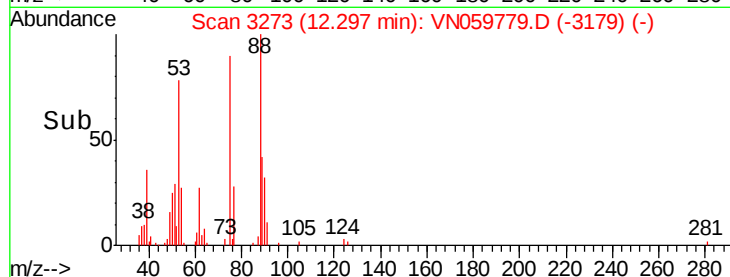
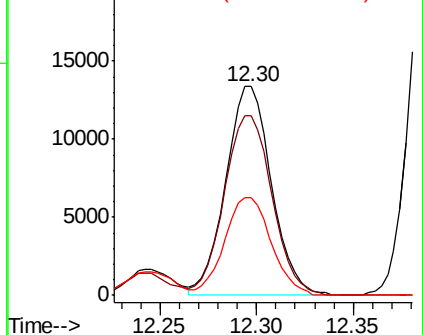
89 48.0 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN059690.D (-3262) (-)

Ion 53.00 (52.70 to 53.70): VN059690.D (-3262) (-)

Ion 88.90 (88.60 to 89.60): VN059690.D (-3262) (-)



#82

4-Chlorotoluene

Concen: 22.699 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059779.D

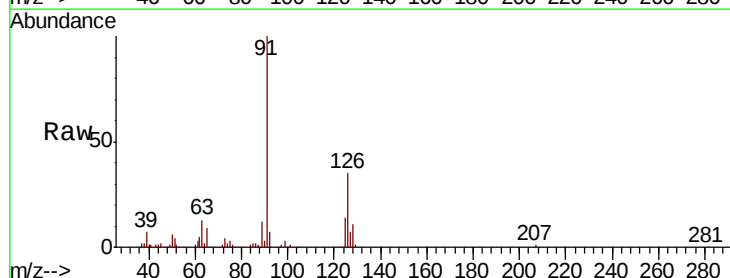
Acq: 20 Jan 2020 11:51

Tgt Ion: 91 Resp: 149570

Ion Ratio Lower Upper

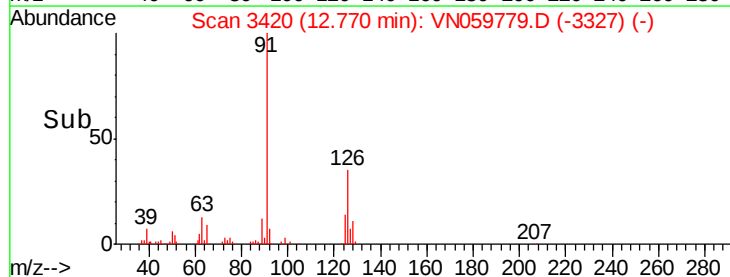
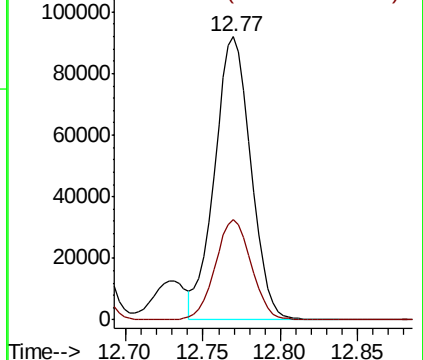
91 100

126 35.0 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN059690.D (-3411) (-)

Ion 125.90 (125.60 to 126.60): VN059690.D (-3411) (-)





#83

tert-Butylbenzene

Concen: 22.499 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

ClientSampled :

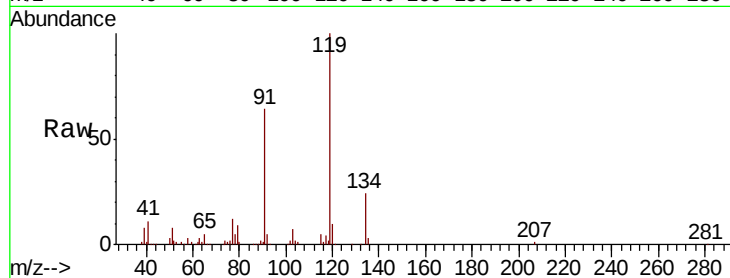
Tot Ion:119 Resp: 161007

Ion Ratio Lower Upper

119 100

91 64.4 34.8 104.4

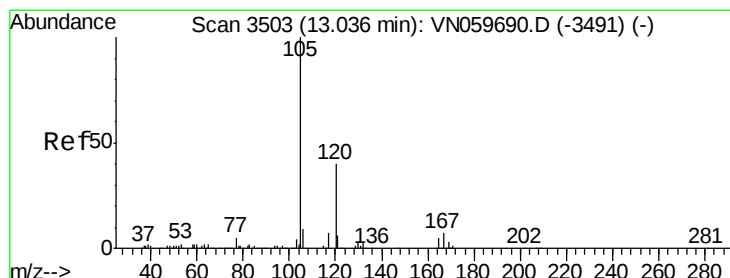
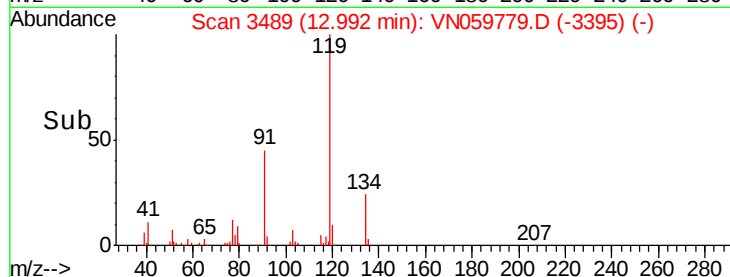
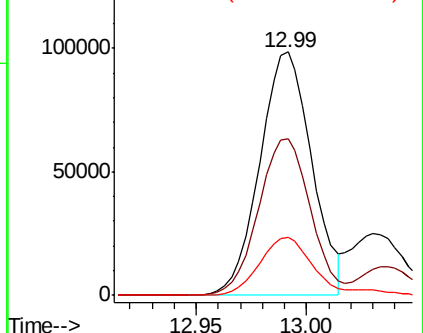
134 25.7 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.822 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059779.D

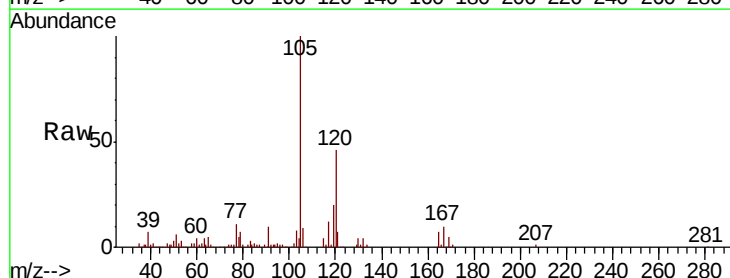
Acq: 20 Jan 2020 11:51

Tgt Ion:105 Resp: 186813

Ion Ratio Lower Upper

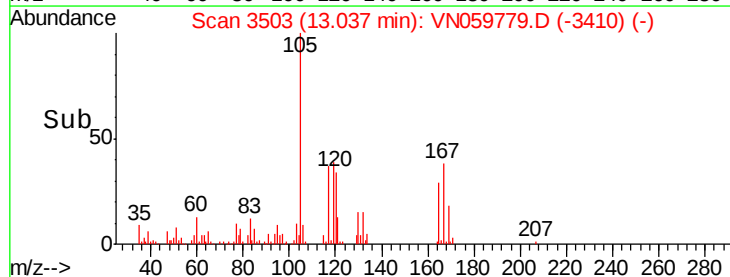
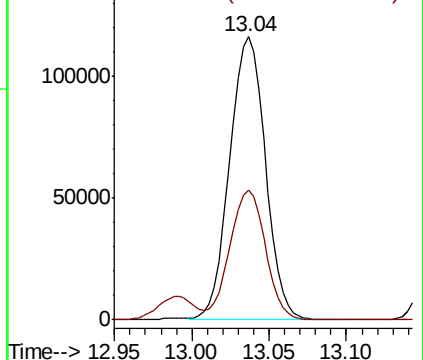
105 100

120 45.8 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.824 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

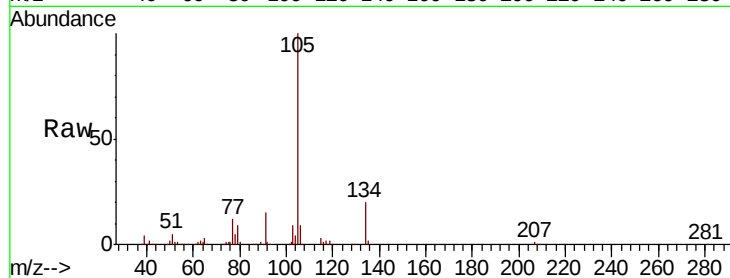
ClientSampled :

Tot Ion:105 Resp: 214596

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

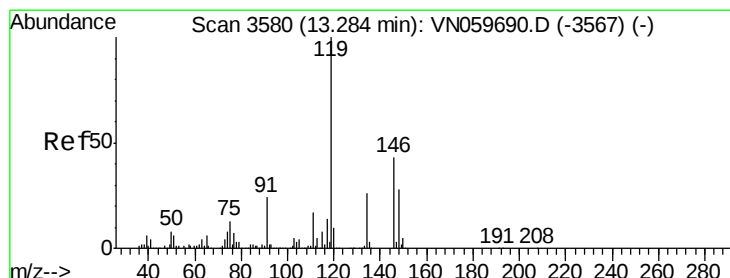
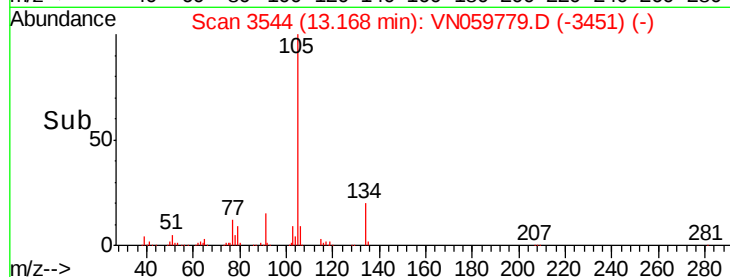
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.567 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

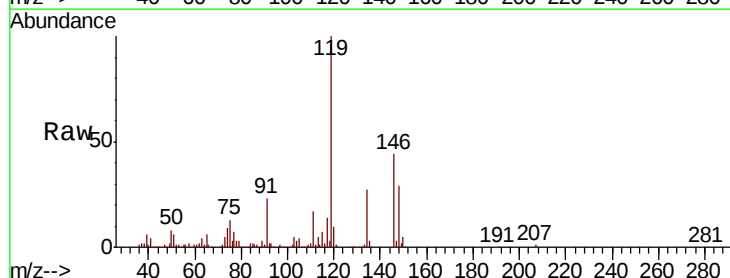
Tgt Ion:119 Resp: 196329

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.7

91 23.1 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.28

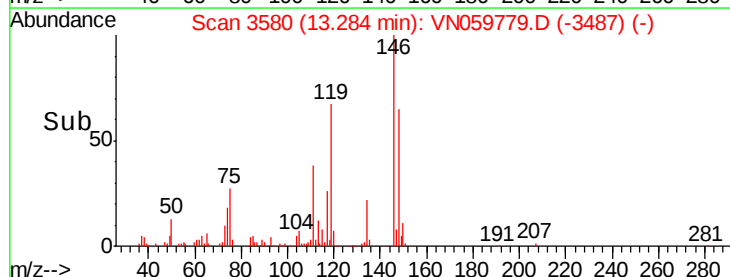
150000

100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 22.793 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

ClientSampled :

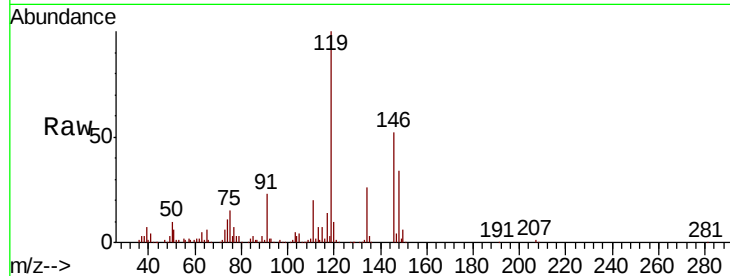
Tot Ion:146 Resp: 98644

Ion Ratio Lower Upper

146 100

111 38.7 20.8 62.2

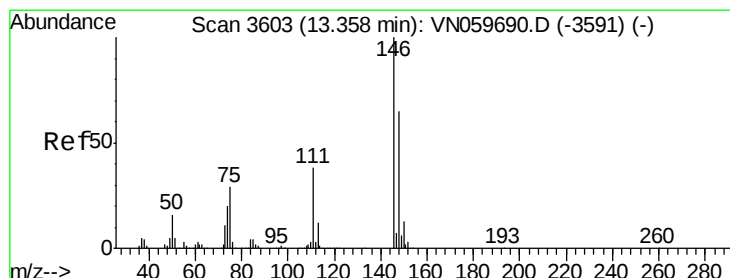
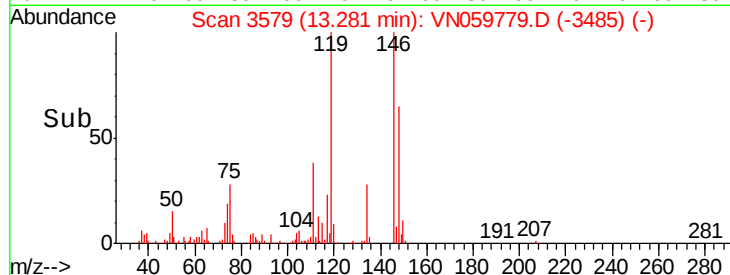
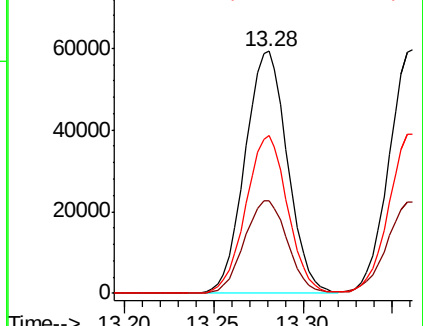
148 64.2 32.0 96.0



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: 22.797 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

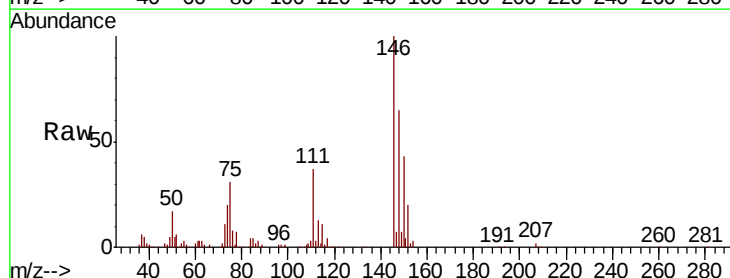
Tgt Ion:146 Resp: 98426

Ion Ratio Lower Upper

146 100

111 39.1 20.8 62.2

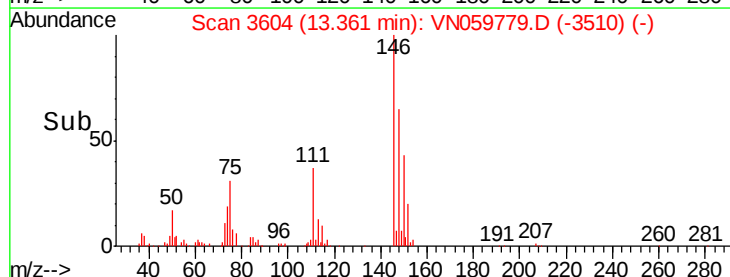
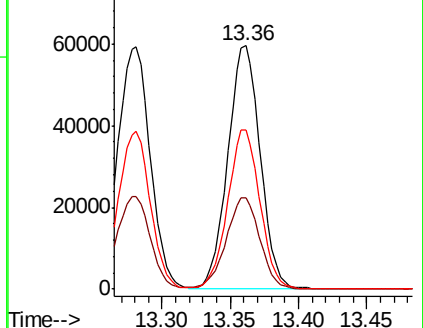
148 65.0 31.8 95.4



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

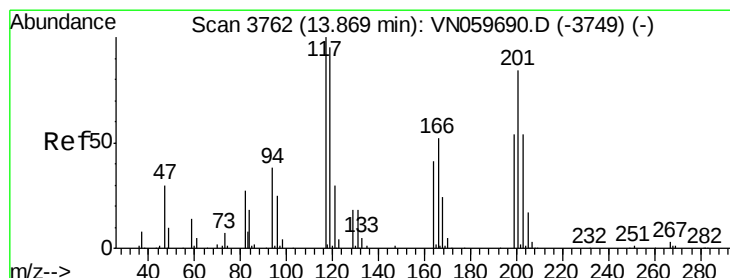
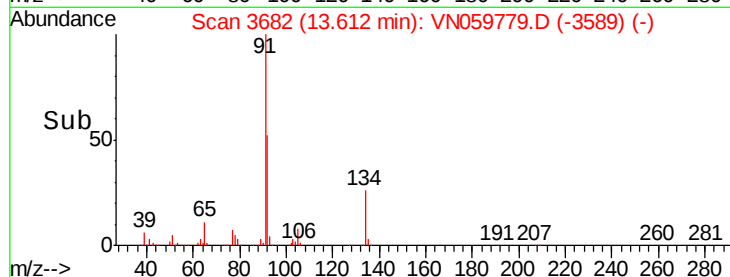
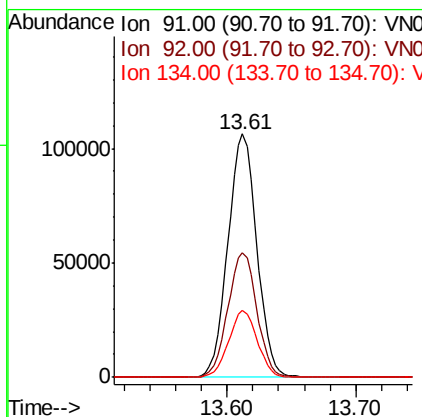
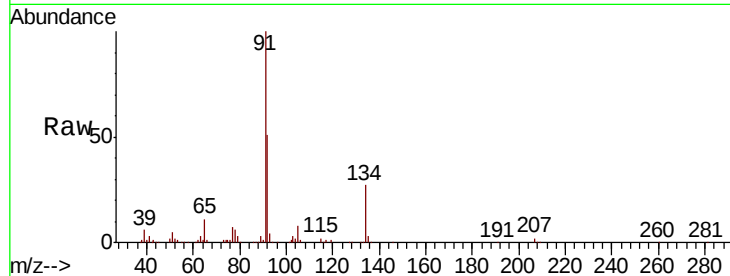




#89  
n-Butylbenzene  
Concen: 22.311 ug/l  
RT: 13.61 min Scan# 3682  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

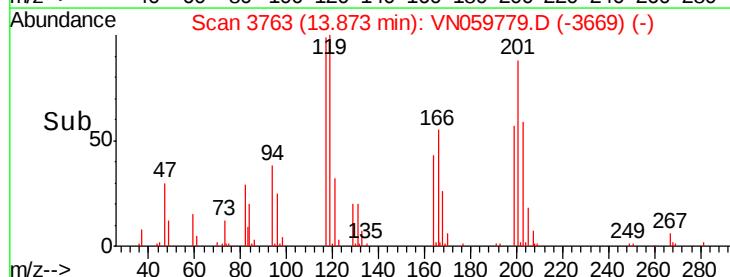
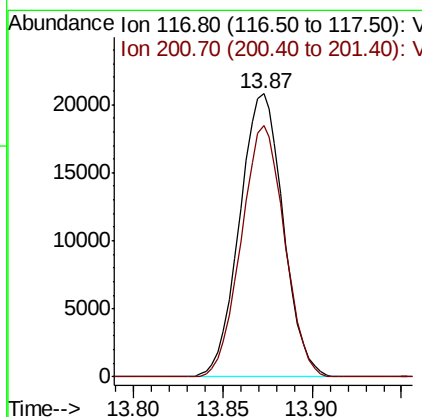
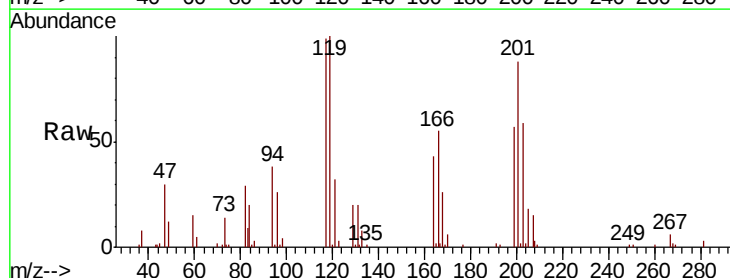
Instrument :  
MSVOA\_N  
ClientSampled :

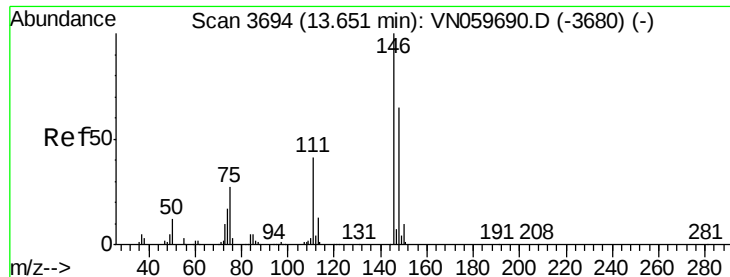
Tot Ion: 91 Resp: 165499  
Ion Ratio Lower Upper  
91 100  
92 51.3 25.9 77.7  
134 27.0 12.3 36.8



#90  
Hexachloroethane  
Concen: 21.867 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion: 117 Resp: 35593  
Ion Ratio Lower Upper  
117 100  
201 87.6 37.8 113.4

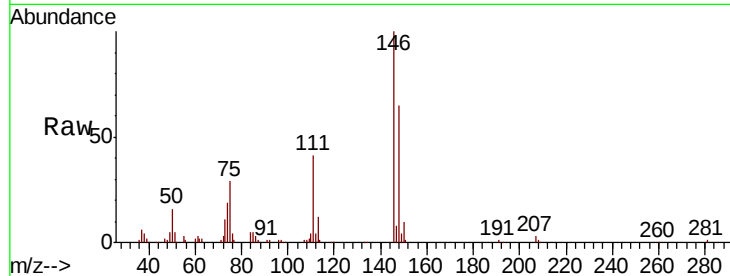




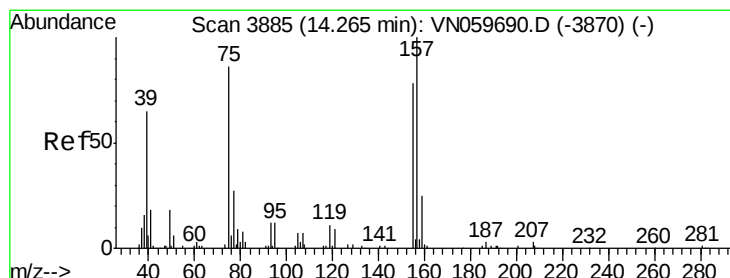
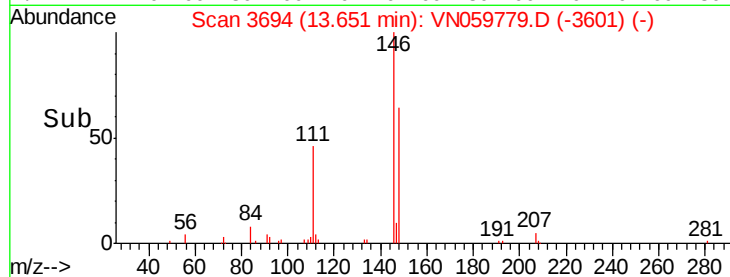
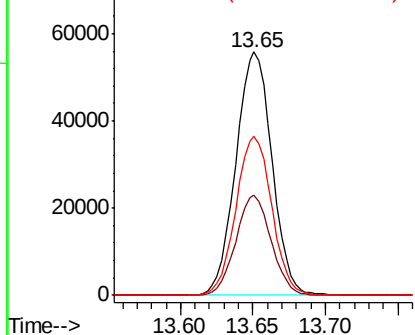
#91  
 1,2-Dichlorobenzene  
 Concen: 22.593 ug/l  
 RT: 13.65 min Scan# 3694  
 Delta R.T. 0.00 min  
 Lab File: VN059779.D  
 Acq: 20 Jan 2020 11:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.1  | 21.6  | 64.8  |
| 148     | 64.8  | 31.6  | 95.0  |

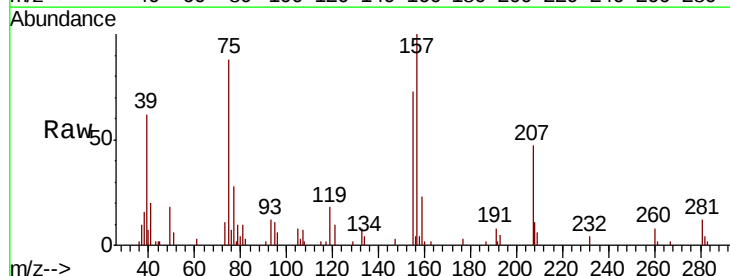


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

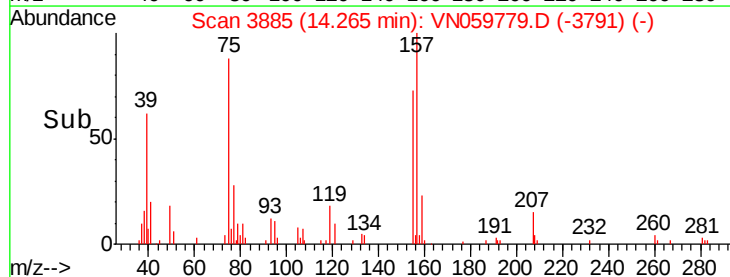
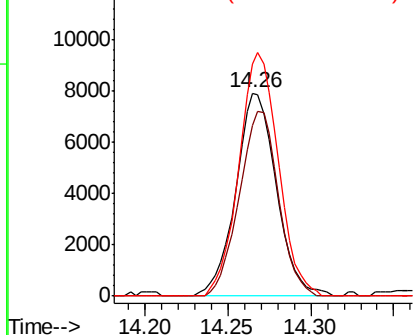


#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.900 ug/l  
 RT: 14.26 min Scan# 3885  
 Delta R.T. 0.00 min  
 Lab File: VN059779.D  
 Acq: 20 Jan 2020 11:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 87.2  | 37.0  | 110.9 |
| 157     | 115.6 | 48.4  | 145.2 |



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: 22.574 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

Instrument :

MSVOA\_N

ClientSampleId :

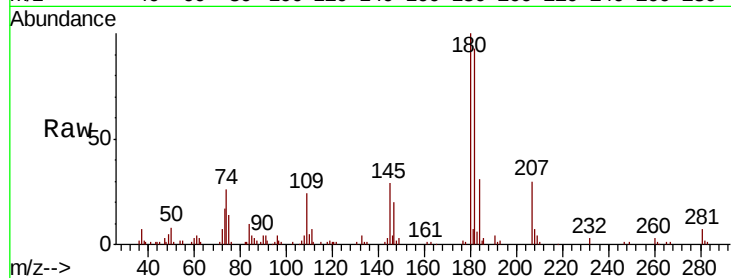
Tot Ion:180 Resp: 58035

Ion Ratio Lower Upper

180 100

182 93.2 46.9 140.7

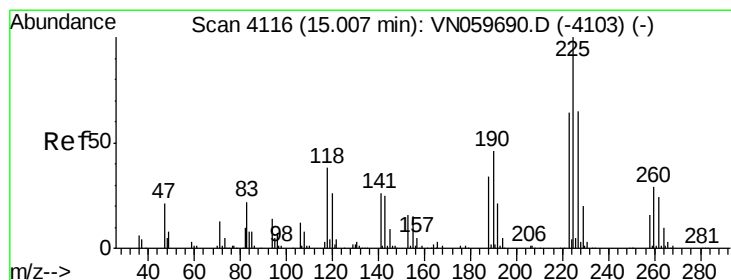
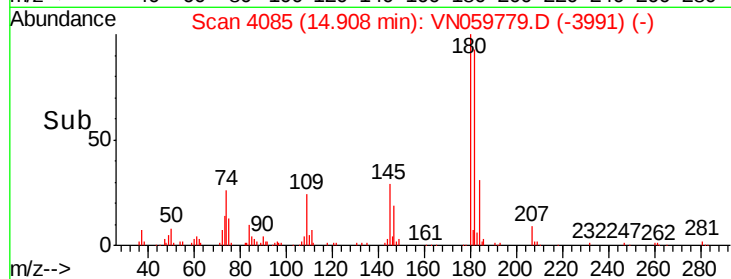
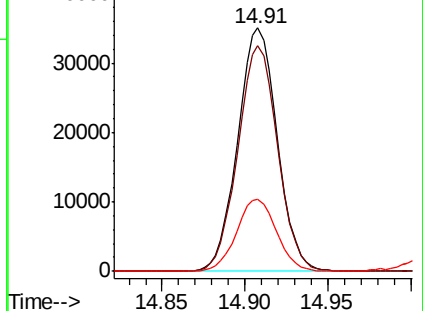
145 29.9 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 23.275 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN059779.D

Acq: 20 Jan 2020 11:51

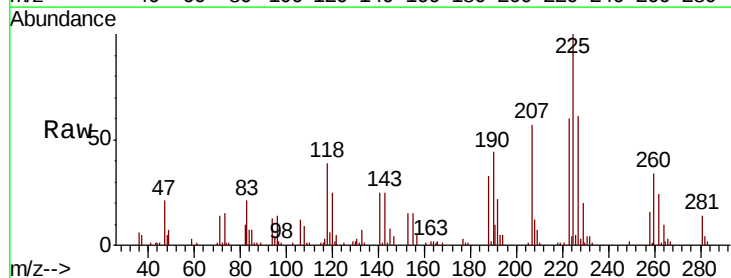
Tgt Ion:225 Resp: 32974

Ion Ratio Lower Upper

225 100

223 62.5 31.8 95.3

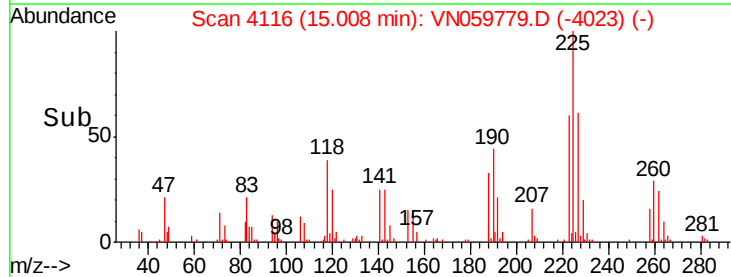
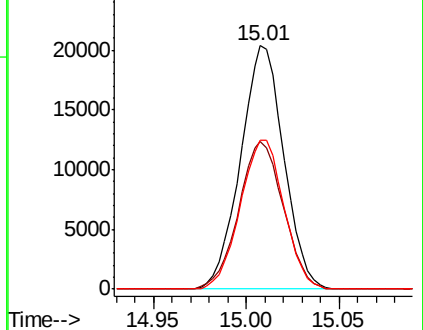
227 62.0 32.1 96.5

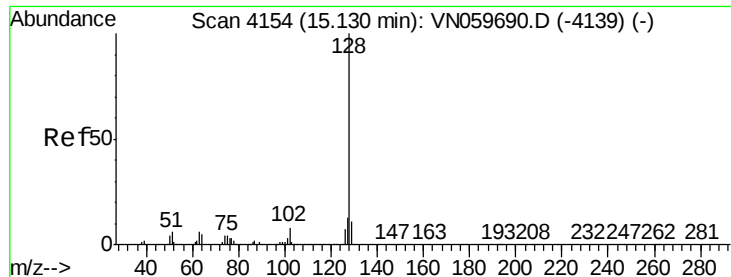


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

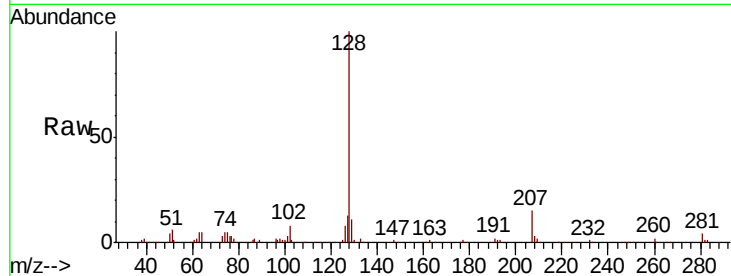




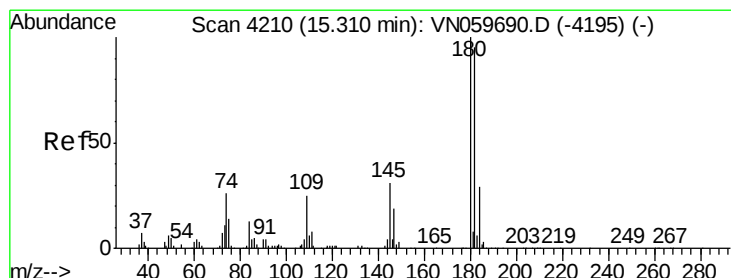
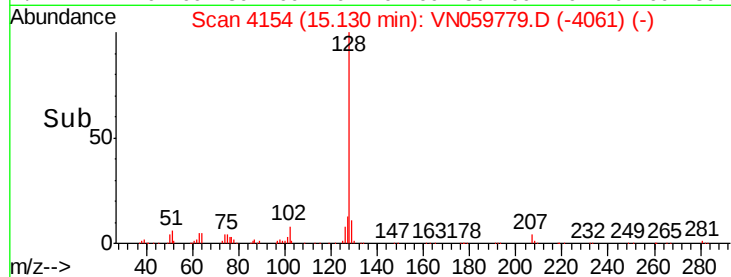
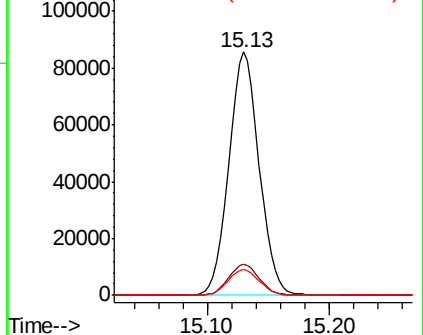
#95  
Naphthalene  
Concen: 20.267 ug/l  
RT: 15.13 min Scan# 4154  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:128 Resp: 148204  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.4 15.6  
129 10.9 8.6 12.8

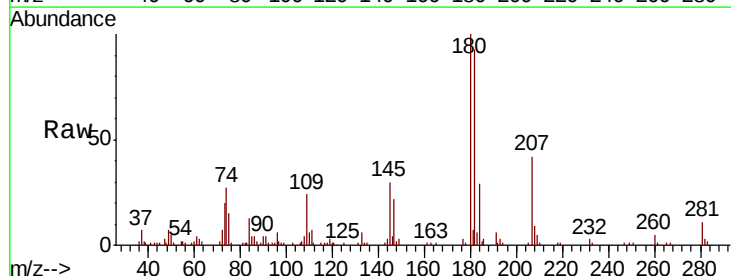


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 22.060 ug/l  
RT: 15.31 min Scan# 4211  
Delta R.T. 0.00 min  
Lab File: VN059779.D  
Acq: 20 Jan 2020 11:51

Tgt Ion:180 Resp: 55203  
Ion Ratio Lower Upper  
180 100  
182 93.9 47.4 142.3  
145 30.6 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

