

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020720\  
 Data File : VN060020.D  
 Acq On : 7 Feb 2020 10:49  
 Operator : JC/MD  
 Sample : VN0207WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 07 23:11:41 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  | 170962   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 268927   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 248327   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 116071   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.00   | 65  | 107216   | 56.47 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 112.94% |      |
| 35) Dibromofluoromethane  | 7.57   | 113 | 86962    | 54.22 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.44% |      |
| 50) Toluene-d8            | 10.08  | 98  | 323850   | 52.12 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.24% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 117830   | 52.60 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.20% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 31005  | 15.016  | ug/l   | 97     |
| 3) Chloromethane              | 2.04 | 50  | 32630  | 16.671  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.17 | 62  | 42333  | 18.903  | ug/l   | 95     |
| 5) Bromomethane               | 2.55 | 94  | 26018  | 19.037  | ug/l   | 97     |
| 6) Chloroethane               | 2.69 | 64  | 19716  | 18.609  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 3.00 | 101 | 51031  | 18.974  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.39 | 74  | 19402  | 20.556  | ug/l   | 84     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101 | 30428  | 20.328  | ug/l   | 94     |
| 10) Methyl Iodide             | 3.93 | 142 | 38287  | 15.824  | ug/l   | 96     |
| 11) Tert butyl alcohol        | 4.72 | 59  | 33461  | 104.691 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 3.72 | 96  | 27962  | 17.877  | ug/l   | 91     |
| 13) Acrolein                  | 3.58 | 56  | 11648  | 51.483  | ug/l   | 99     |
| 14) Allyl chloride            | 4.30 | 41  | 41357  | 19.617  | ug/l # | 84     |
| 15) Acrylonitrile             | 4.94 | 53  | 80633  | 110.597 | ug/l   | 100    |
| 16) Acetone                   | 3.78 | 43  | 91892  | 137.398 | ug/l   | 96     |
| 17) Carbon Disulfide          | 4.03 | 76  | 66036  | 14.821  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.29 | 43  | 51337  | 23.149  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether   | 5.00 | 73  | 110579 | 21.683  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.52 | 84  | 33955  | 18.964  | ug/l   | 91     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 30270  | 18.206  | ug/l   | 87     |
| 22) Diisopropyl ether         | 5.91 | 45  | 103859 | 21.738  | ug/l   | 92     |
| 23) Vinyl Acetate             | 5.86 | 43  | 372044 | 100.577 | ug/l # | 94     |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 60217  | 20.627  | ug/l   | 96     |
| 25) 2-Butanone                | 6.80 | 43  | 117342 | 109.140 | ug/l   | 90     |
| 26) 2,2-Dichloropropane       | 6.80 | 77  | 56321  | 20.068  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.80 | 96  | 38446  | 20.104  | ug/l   | 89     |
| 28) Bromochloromethane        | 7.17 | 49  | 24361  | 20.879  | ug/l # | 82     |
| 29) Tetrahydrofuran           | 7.18 | 42  | 69016  | 103.749 | ug/l   | 88     |
| 30) Chloroform                | 7.35 | 83  | 64970  | 21.480  | ug/l   | 98     |
| 31) Cyclohexane               | 7.63 | 56  | 50498  | 17.977  | ug/l # | 87     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 56984  | 20.375  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 7.77 | 75  | 43790  | 18.698  | ug/l   | 96     |
| 37) Ethyl Acetate             | 6.90 | 43  | 46558  | 21.196  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 7.75 | 117 | 50063  | 19.652  | ug/l   | 99     |

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 Sample : VN0207WBSD01  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Feb 07 23:11:41 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   | 52673    | 18.241  | ug/l   | 94       |
| 40) Benzene                    | 8.02  | 78   | 136360   | 19.523  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.18  | 41   | 64098    | 59.245  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 51686    | 21.826  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.14  | 43   | 79516    | 21.047  | ug/l   | 97       |
| 44) Trichloroethene            | 8.82  | 130  | 38287    | 20.080  | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 9.10  | 63   | 36762    | 21.271  | ug/l   | 100      |
| 46) Dibromomethane             | 9.19  | 93   | 25742    | 21.115  | ug/l   | 93       |
| 47) Bromodichloromethane       | 9.39  | 83   | 52229    | 21.259  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.18  | 41   | 33871    | 20.043  | ug/l   | 91       |
| 49) 1,4-Dioxane                | 9.18  | 88   | 13375    | 432.337 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 231873   | 106.169 | ug/l   | 96       |
| 52) Toluene                    | 10.14 | 92   | 88504    | 20.061  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 58389    | 21.285  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.82  | 75   | 60686    | 21.025  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.55 | 97   | 38034    | 21.767  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 53311    | 19.968  | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 61264    | 22.085  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.68  | 63   | 84556    | 105.147 | ug/l   | 92       |
| 59) 2-Hexanone                 | 10.74 | 43   | 174151   | 108.238 | ug/l   | 94       |
| 60) Dibromochloromethane       | 10.89 | 129  | 42822    | 21.521  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 38546    | 21.048  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.62 | 164  | 45005    | 22.237  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.43 | 112  | 98372    | 20.154  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.50 | 131  | 39074    | 20.718  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 173713   | 19.605  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.62 | 106  | 128205   | 38.305  | ug/l   | 95       |
| 69) o-Xylene                   | 11.94 | 106  | 63189    | 19.284  | ug/l   | 96       |
| 70) Styrene                    | 11.96 | 104  | 101243   | 18.465  | ug/l   | 98       |
| 71) Bromoform                  | 12.12 | 173  | 31103    | 20.588  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.25 | 105  | 171239   | 20.116  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 64660    | 19.575  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 52916    | 21.443  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 71592    | 36.651  | ug/l # | 100      |
| 77) Bromobenzene               | 12.52 | 156  | 42988    | 19.941  | ug/l   | 88       |
| 78) n-propylbenzene            | 12.59 | 91   | 191866   | 20.081  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 113712   | 20.006  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 142868   | 19.956  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 18678    | 20.534  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 118745   | 20.828  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 124169   | 20.054  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 144024   | 20.335  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 165439   | 20.337  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 153165   | 20.348  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 75437    | 20.146  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 75013    | 20.081  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.61 | 91   | 129538   | 20.183  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.87 | 117  | 28131    | 19.975  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 75827    | 20.483  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 11314    | 20.111  | ug/l   | 88       |

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Sample : VN0207WBSD01  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Feb 07 23:11:41 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

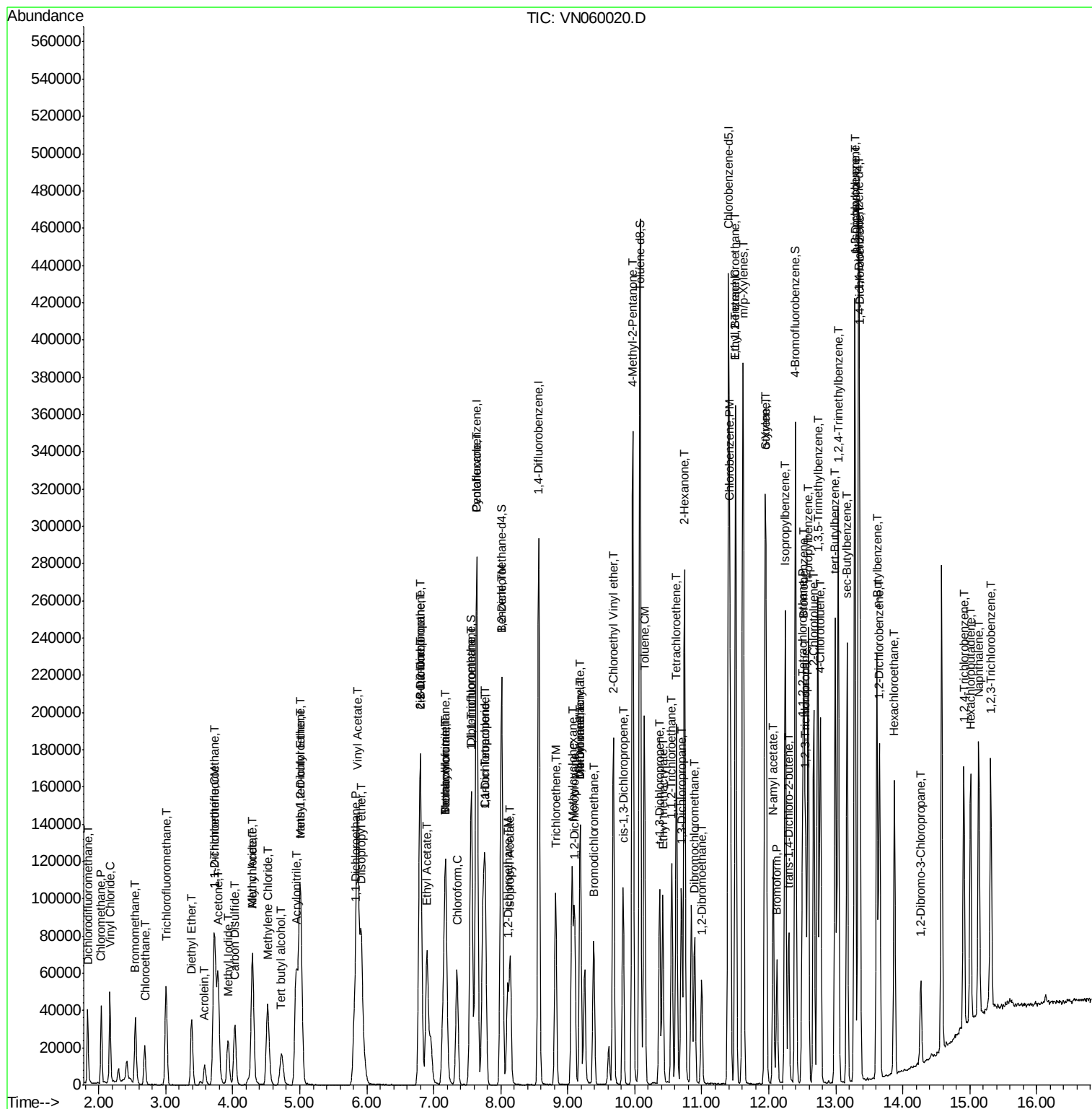
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 44541    | 20.024 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 25685    | 20.954 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 127896   | 20.214 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 45502    | 21.015 | ug/l  | 99       |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020720\  
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Sample : VN0207WBSD01  
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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: VN060020.D

Acq: 7 Feb 2020 10:49

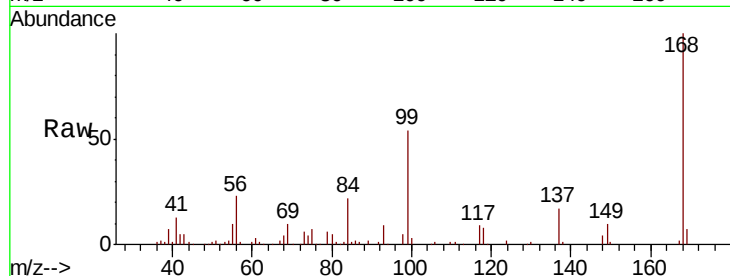
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:168 Resp: 170962

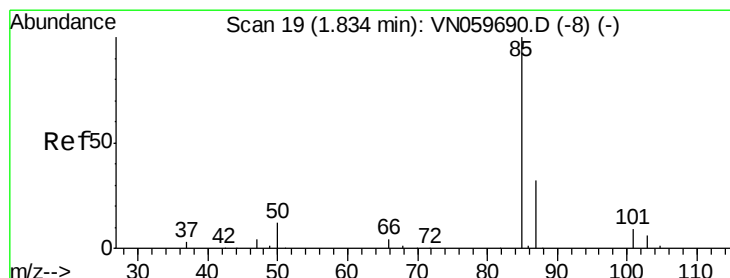
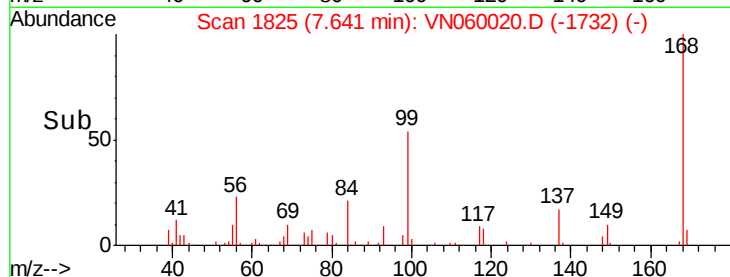
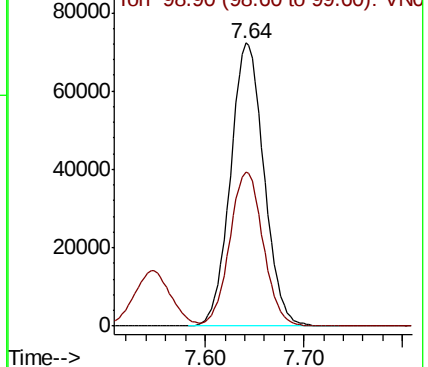
Ion Ratio Lower Upper

168 100

99 54.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V  
Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 15.016 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060020.D

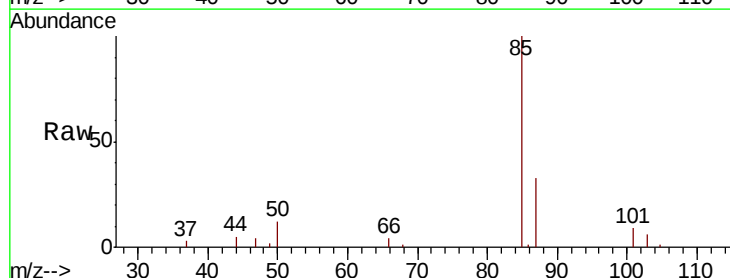
Acq: 7 Feb 2020 10:49

Tgt Ion: 85 Resp: 31005

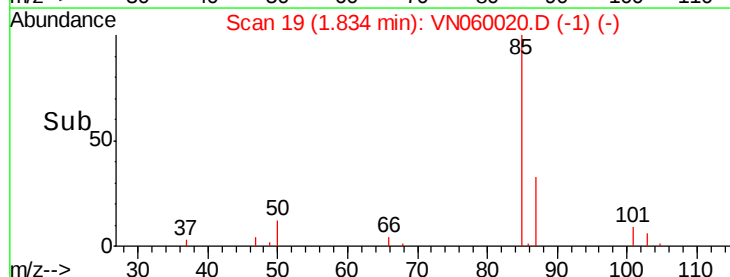
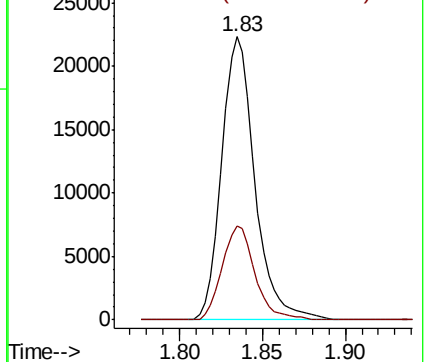
Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0  
Ion 86.90 (86.60 to 87.60): VN0

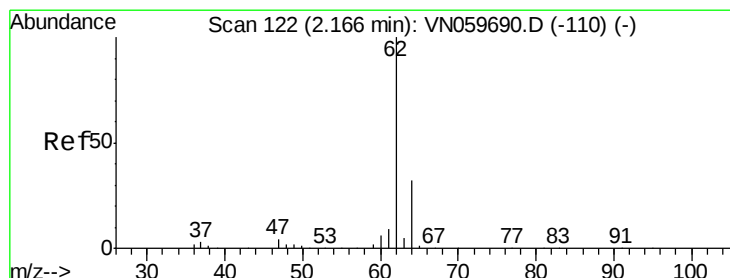
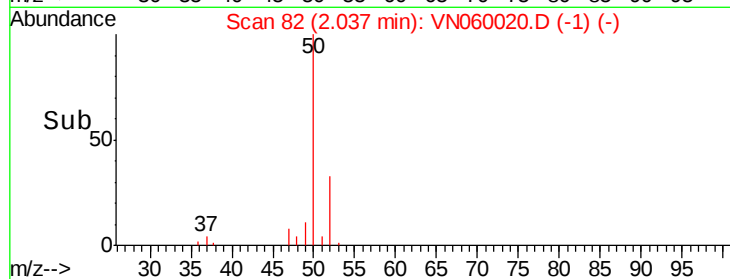
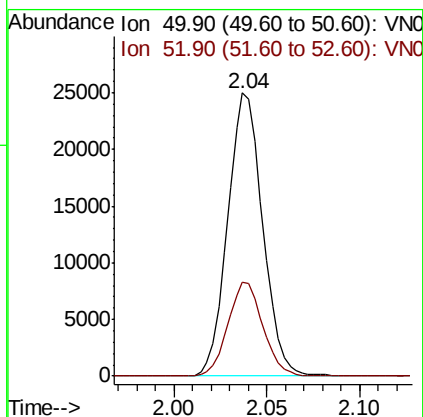
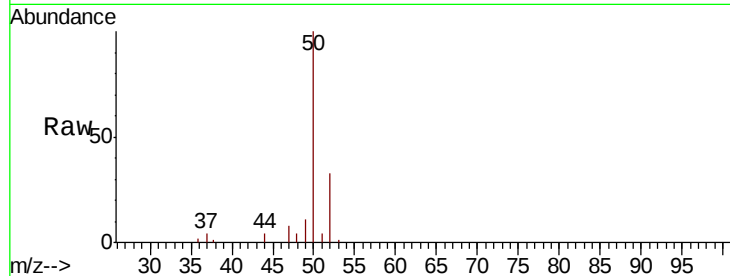




#3  
Chloromethane  
Concen: 16.671 ug/l  
RT: 2.04 min Scan# 82  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

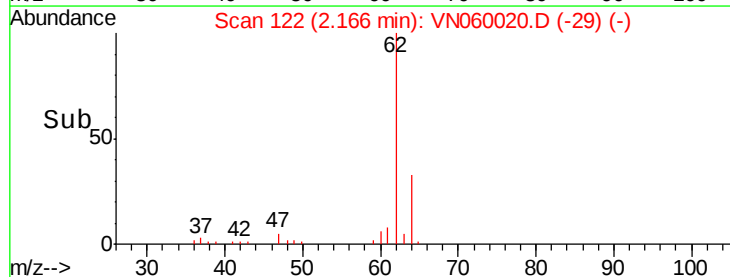
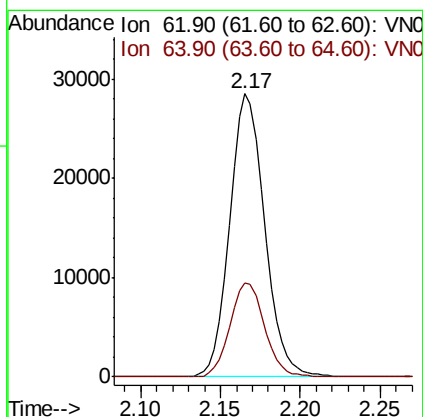
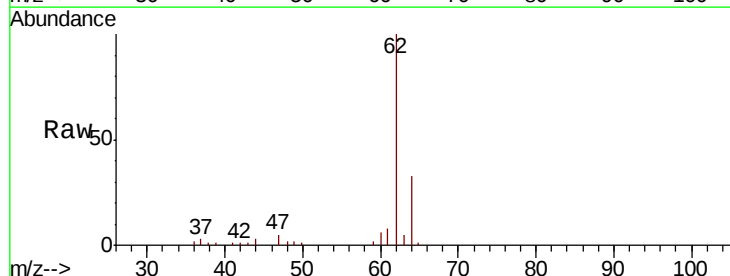
Instrument :  
MSVOA\_N  
ClientSampled :

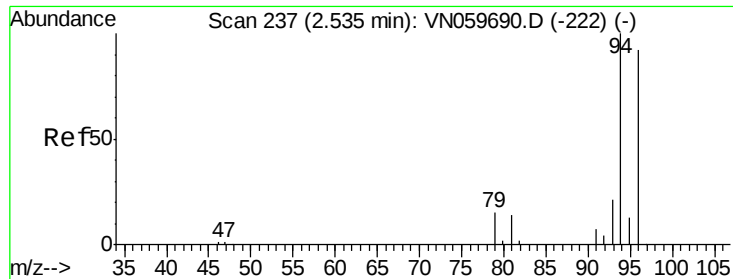
Tot Ion: 50 Resp: 32630  
Ion Ratio Lower Upper  
50 100  
52 33.0 25.9 38.9



#4  
Vinyl Chloride  
Concen: 18.903 ug/l  
RT: 2.17 min Scan# 122  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion: 62 Resp: 42333  
Ion Ratio Lower Upper  
62 100  
64 33.4 24.6 37.0

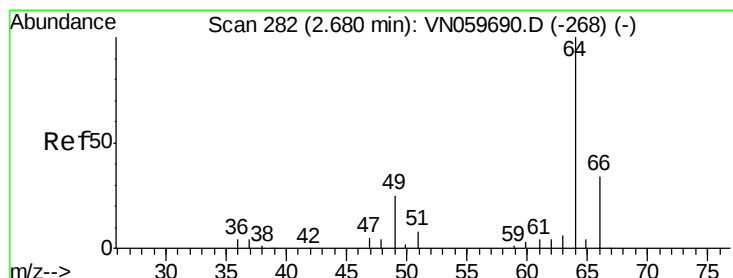
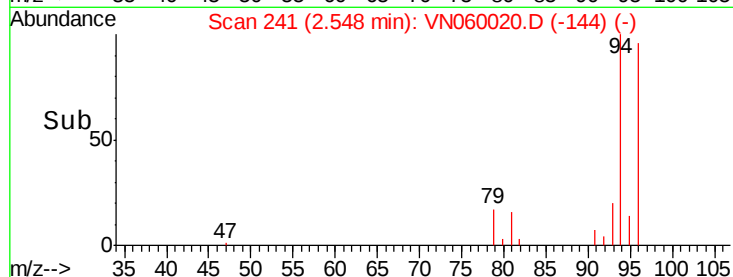
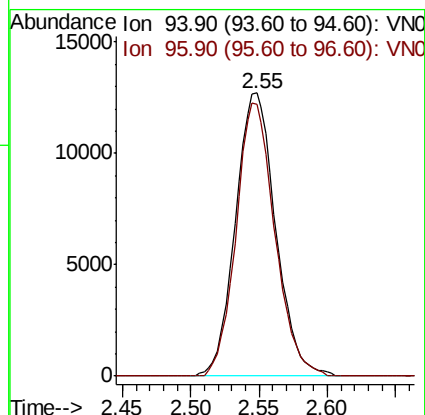
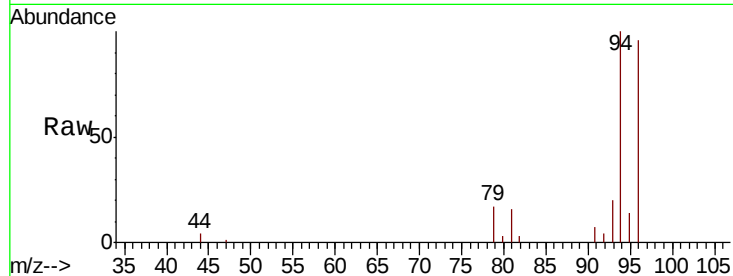




#5  
Bromomethane  
Concen: 19.037 ug/l  
RT: 2.55 min Scan# 241  
Delta R.T. 0.01 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

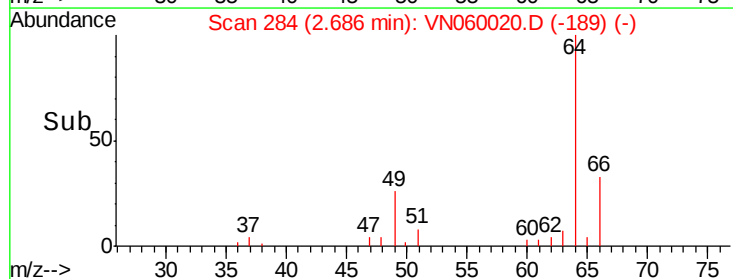
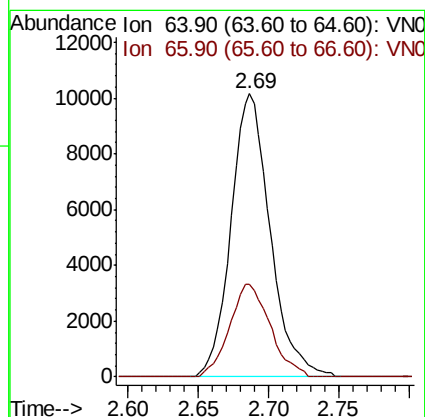
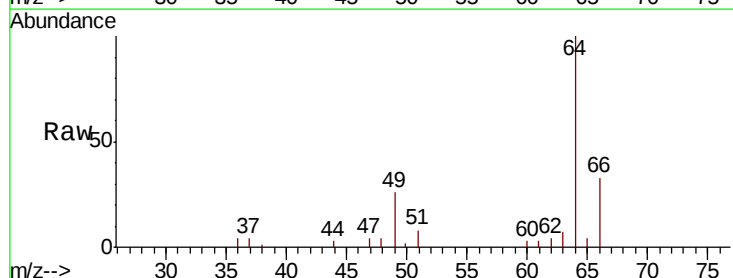
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 94 Resp: 26018  
Ion Ratio Lower Upper  
94 100  
96 96.1 74.7 112.1



#6  
Chloroethane  
Concen: 18.609 ug/l  
RT: 2.69 min Scan# 284  
Delta R.T. 0.01 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion: 64 Resp: 19716  
Ion Ratio Lower Upper  
64 100  
66 32.7 25.1 37.7



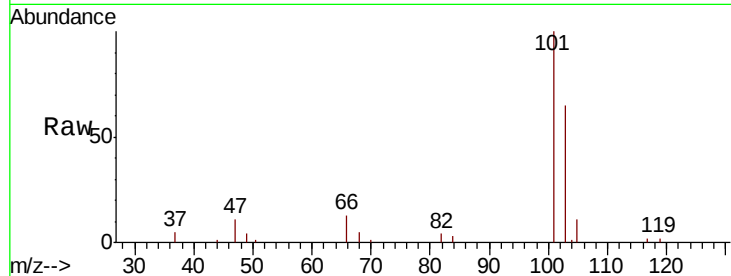


#7

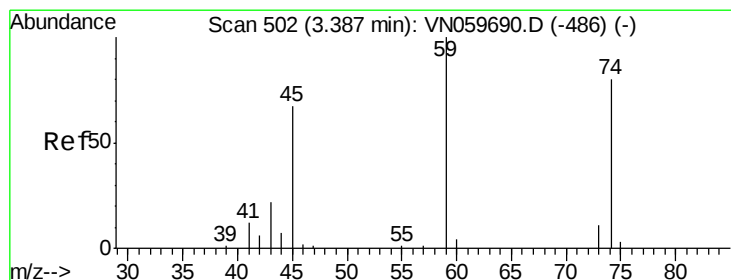
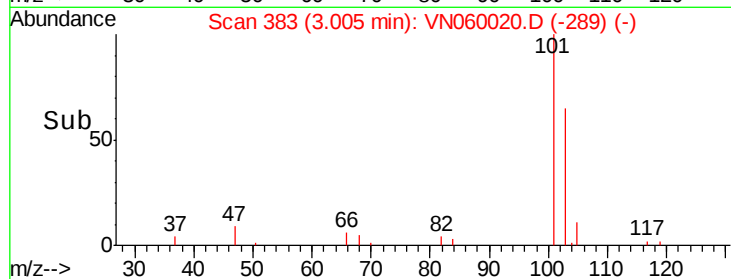
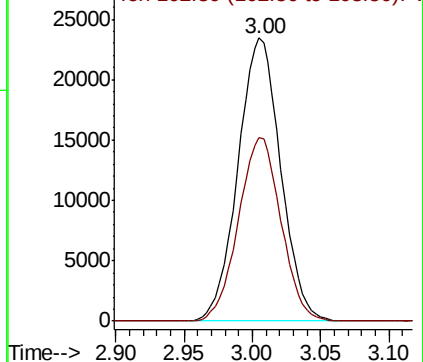
Trichlorofluoromethane  
Concen: 18.974 ug/l  
RT: 3.00 min Scan# 383  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:101 Resp: 51031  
Ion Ratio Lower Upper  
101 100  
103 64.9 51.0 76.6



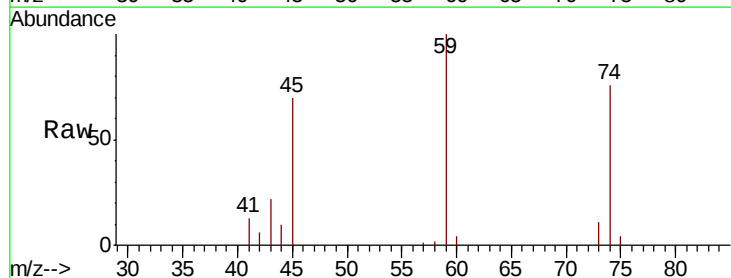
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



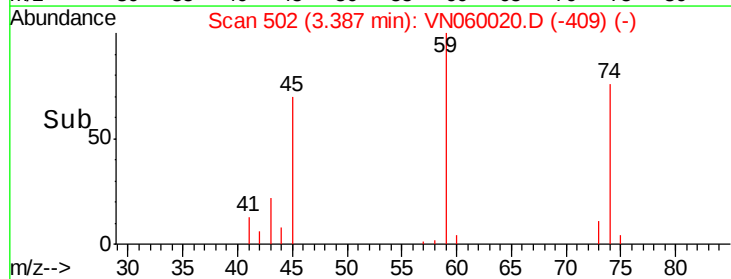
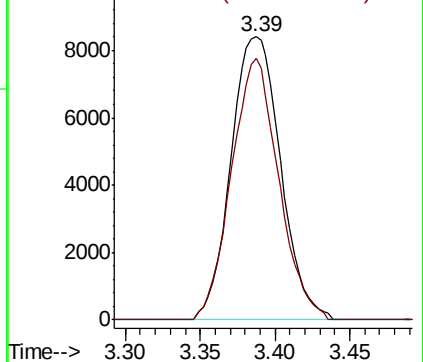
#8

Diethyl Ether  
Concen: 20.556 ug/l  
RT: 3.39 min Scan# 502  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion: 74 Resp: 19402  
Ion Ratio Lower Upper  
74 100  
45 87.9 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO  
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.328 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

ClientSampled :

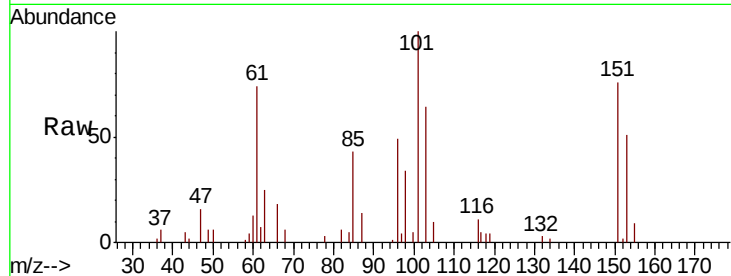
Tot Ion:101 Resp: 30428

Ion Ratio Lower Upper

101 100

85 44.1 36.6 54.8

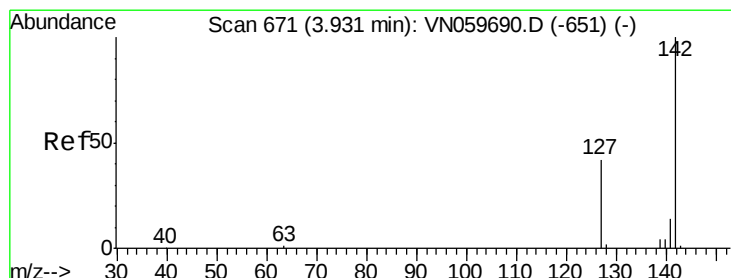
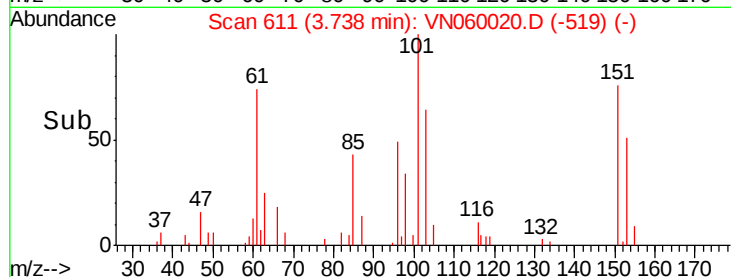
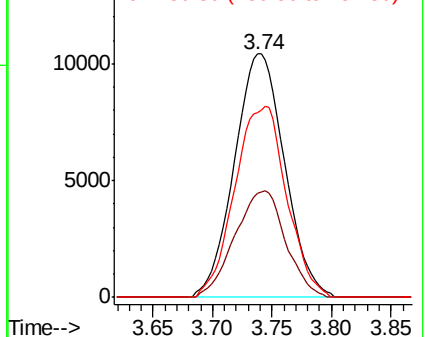
151 81.0 59.7 89.5



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: 15.824 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

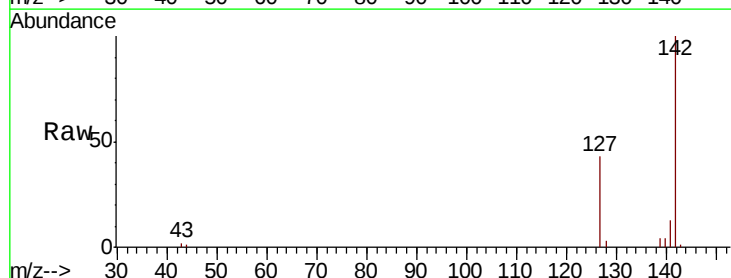
Tgt Ion:142 Resp: 38287

Ion Ratio Lower Upper

142 100

127 43.0 36.7 55.1

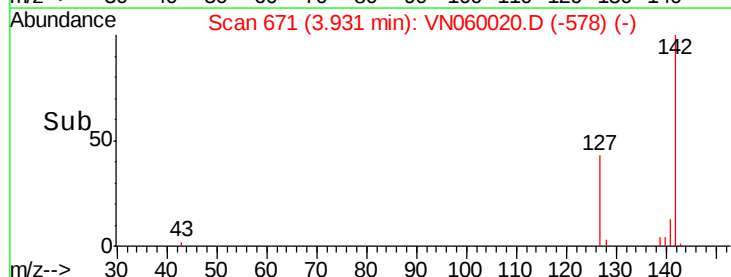
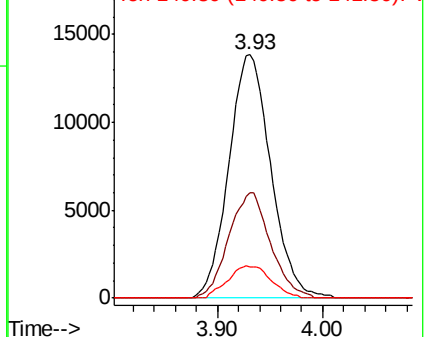
141 13.7 11.7 17.5

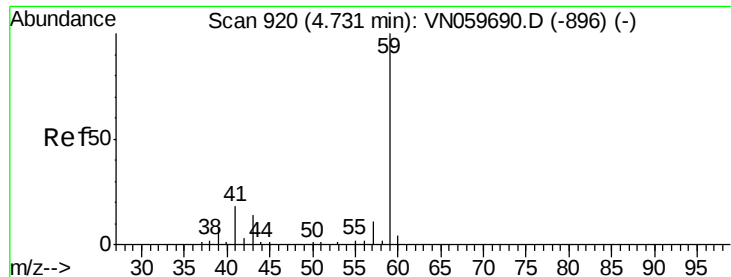


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



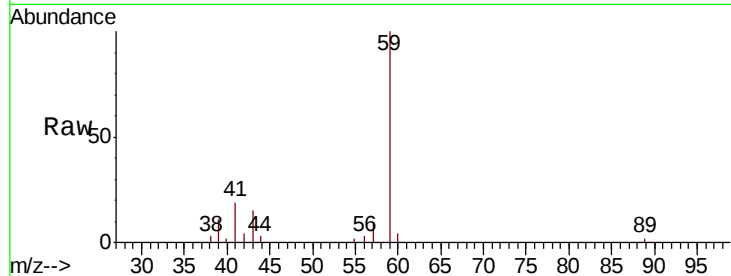


#11

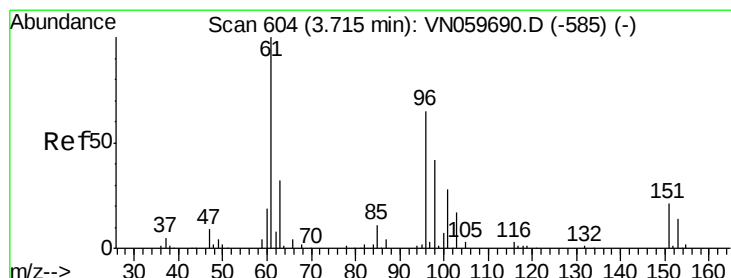
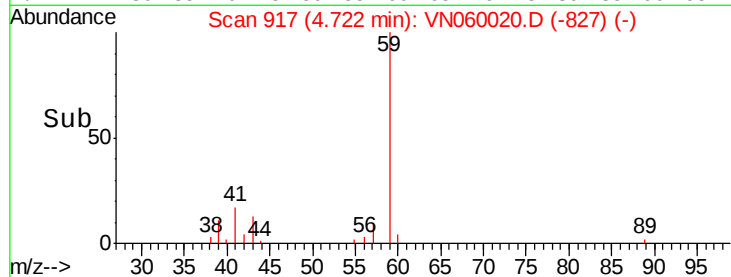
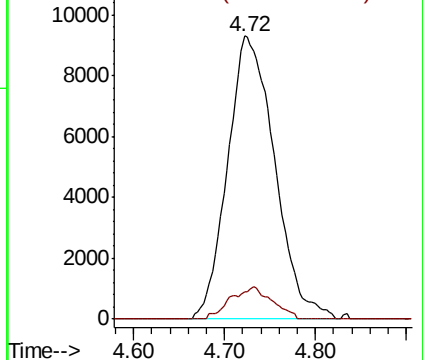
Tert butyl alcohol  
 Concen: 104.691 ug/l  
 RT: 4.72 min Scan# 917  
 Delta R.T. -0.01 min  
 Lab File: VN060020.D  
 Acq: 7 Feb 2020 10:49

Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion: 59 Resp: 33461  
 Ion Ratio Lower Upper  
 59 100  
 57 10.1 8.6 12.8



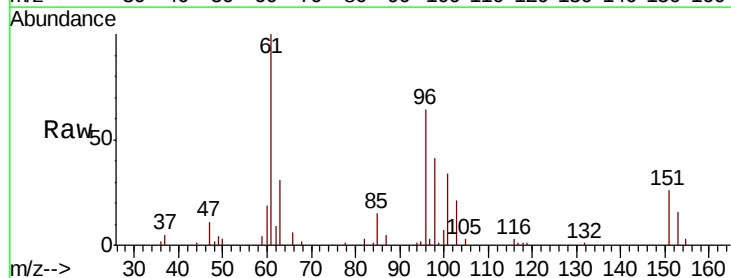
Abundance Ion 59.00 (58.70 to 59.70): VN0  
 Ion 57.00 (56.70 to 57.70): VN0



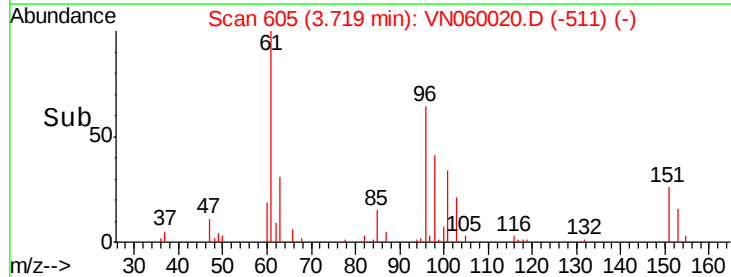
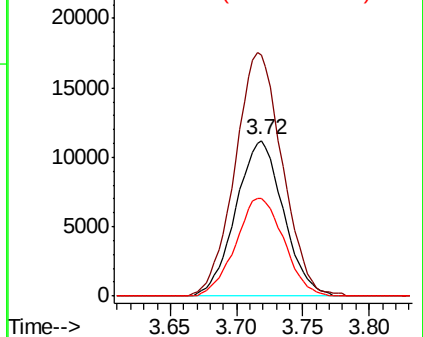
#12

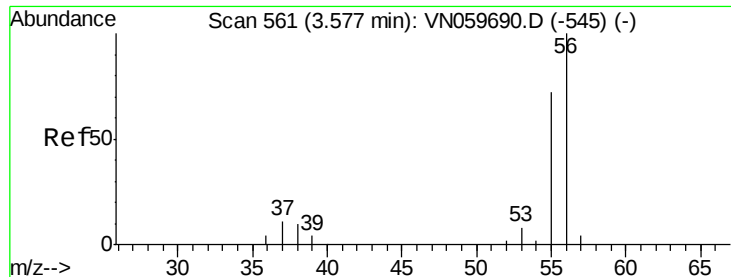
1,1-Dichloroethene  
 Concen: 17.877 ug/l  
 RT: 3.72 min Scan# 605  
 Delta R.T. 0.00 min  
 Lab File: VN060020.D  
 Acq: 7 Feb 2020 10:49

Tgt Ion: 96 Resp: 27962  
 Ion Ratio Lower Upper  
 96 100  
 61 155.4 137.5 206.3  
 98 63.1 50.2 75.4



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





#13

Acrolein

Concen: 51.483 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

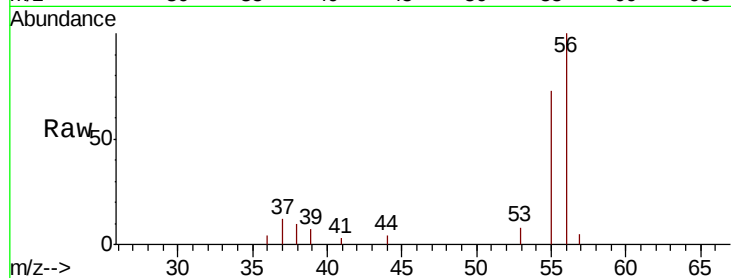
ClientSampled :

Tot Ion: 56 Resp: 11648

Ion Ratio Lower Upper

56 100

55 73.9 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

5000

4000

3000

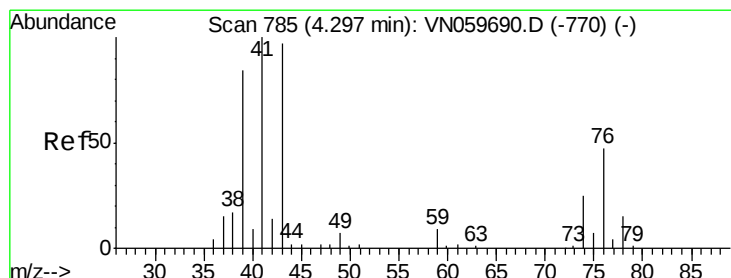
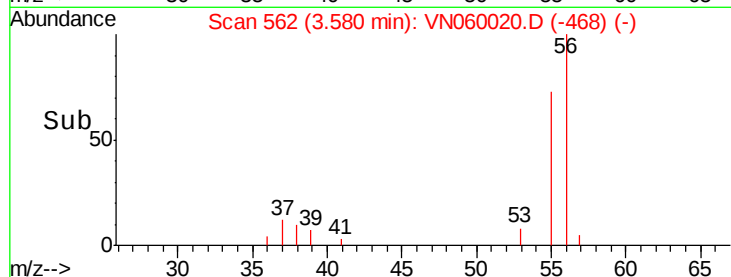
2000

1000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 19.617 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

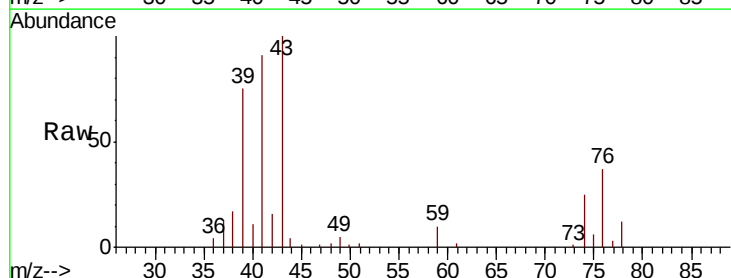
Tgt Ion: 41 Resp: 41357

Ion Ratio Lower Upper

41 100

39 85.1 57.8 86.8

76 41.0 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

20000

15000

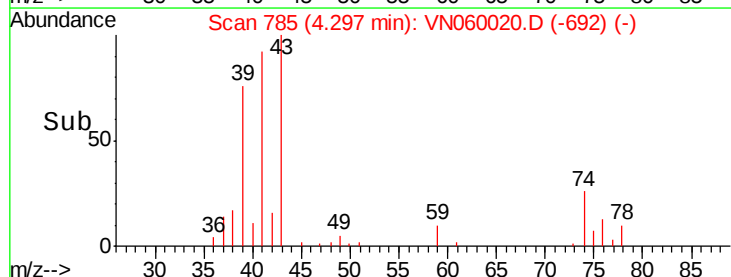
10000

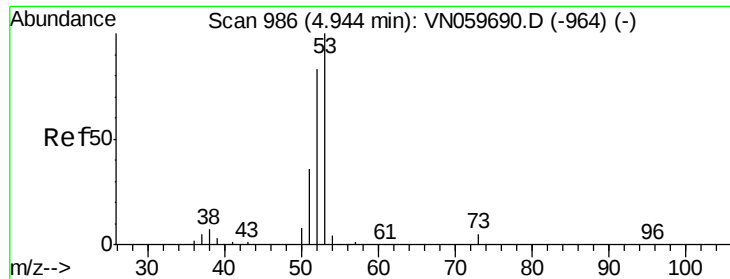
5000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 110.597 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :  
MSVOA\_N  
ClientSampled :

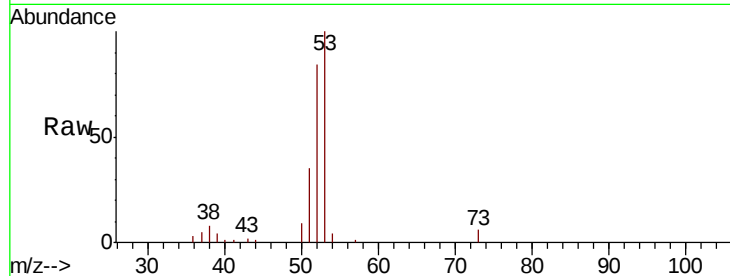
Tot Ion: 53 Resp: 80633

Ion Ratio Lower Upper

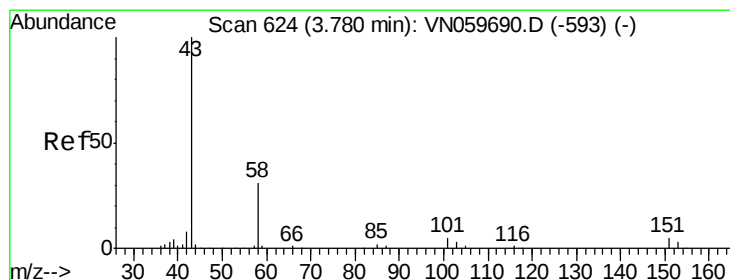
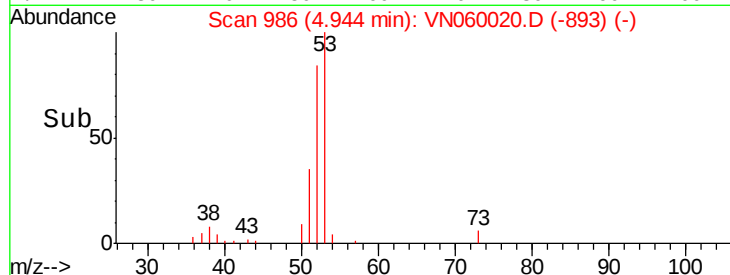
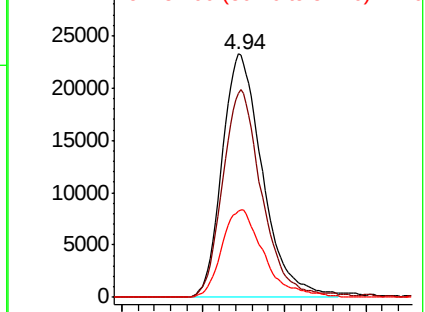
53 100

52 82.9 66.3 99.5

51 37.4 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN0  
Ion 52.00 (51.70 to 52.70): VN0  
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 137.398 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060020.D

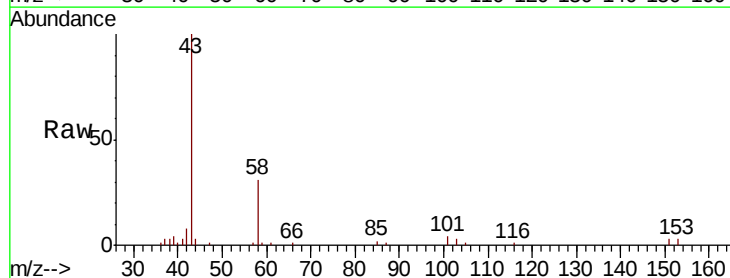
Acq: 7 Feb 2020 10:49

Tgt Ion: 43 Resp: 91892

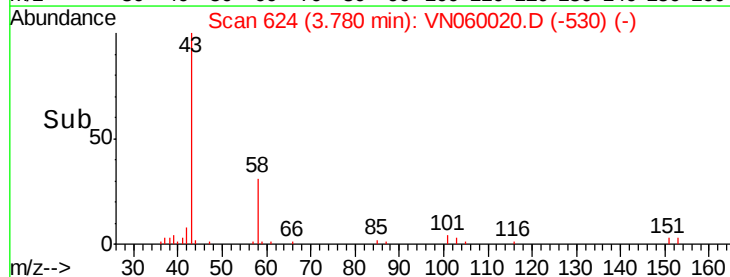
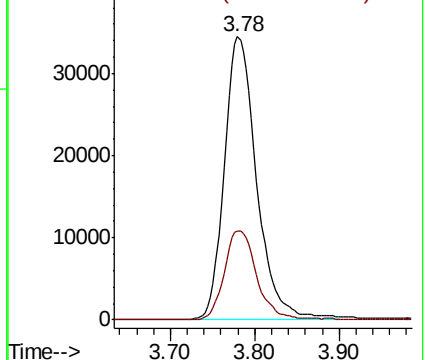
Ion Ratio Lower Upper

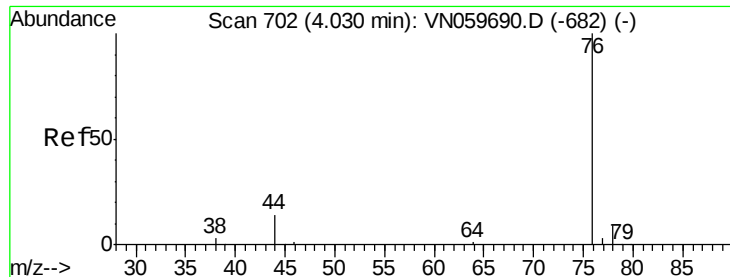
43 100

58 31.5 23.6 35.4



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

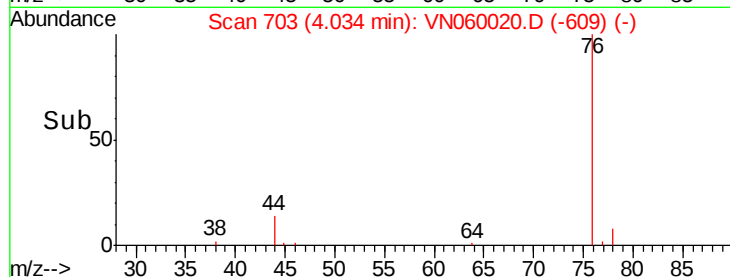
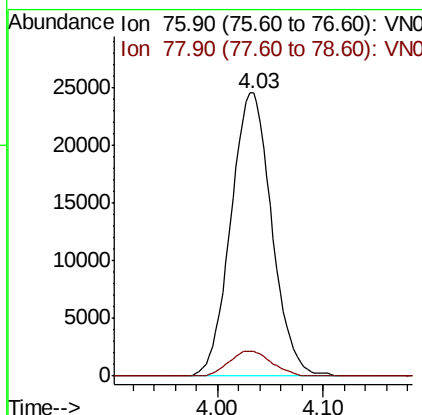
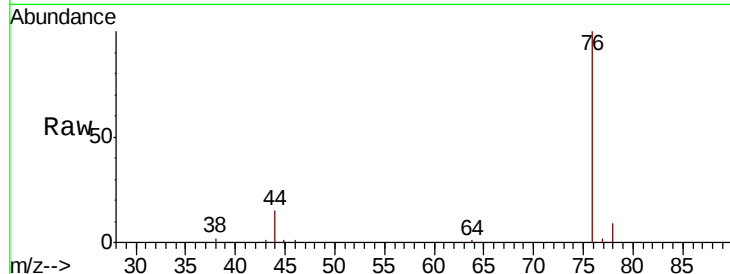




#17  
Carbon Disulfide  
Concen: 14.821 ug/l  
RT: 4.03 min Scan# 703  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

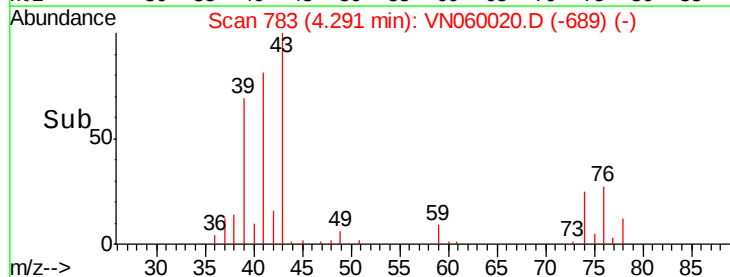
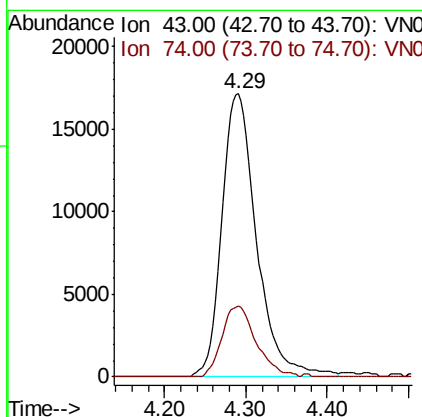
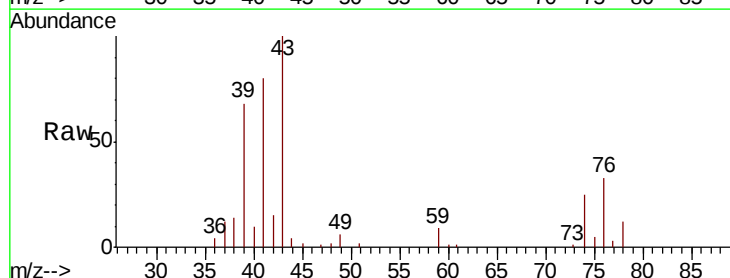
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 76 Resp: 66036  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.4 11.0



#18  
Methyl Acetate  
Concen: 23.149 ug/l  
RT: 4.29 min Scan# 783  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion: 43 Resp: 51337  
Ion Ratio Lower Upper  
43 100  
74 24.7 17.5 26.3

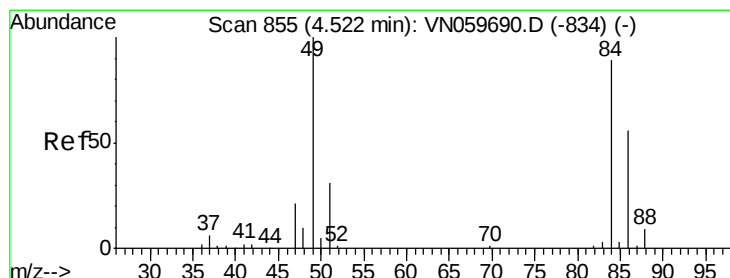
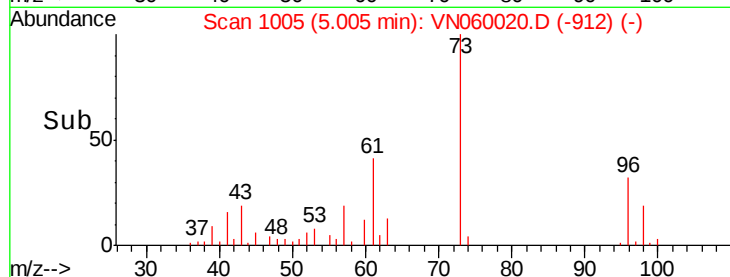
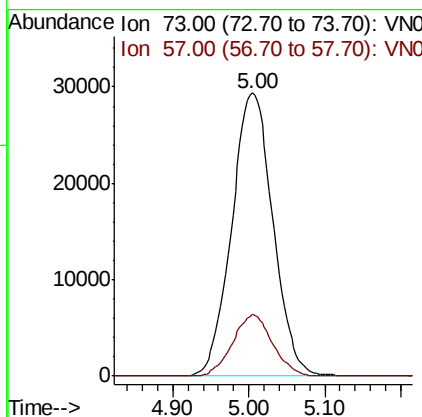
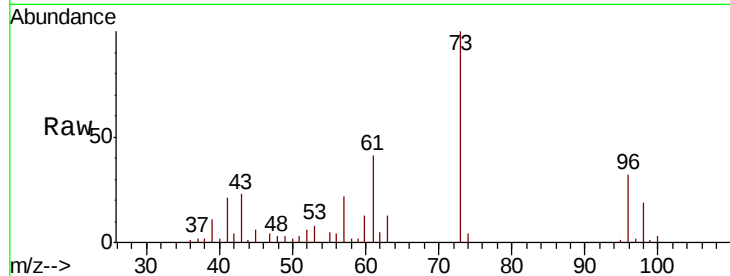




#19  
Methvl tert-butvl Ether  
Concen: 21.683 ug/l  
RT: 5.00 min Scan# 1005  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

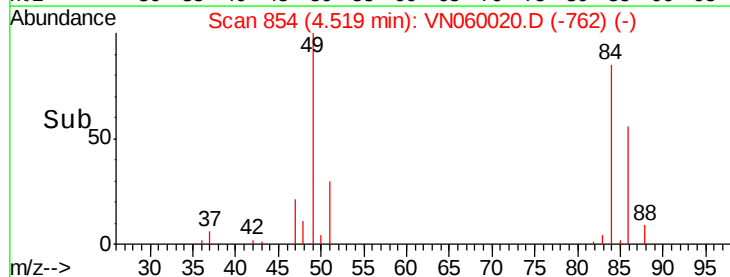
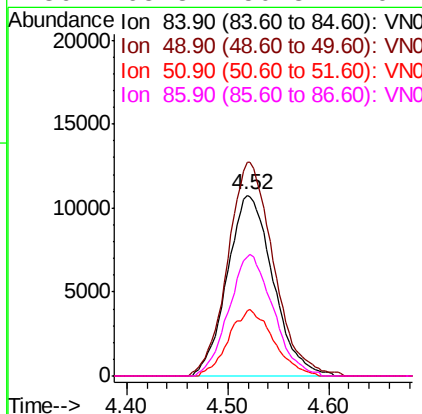
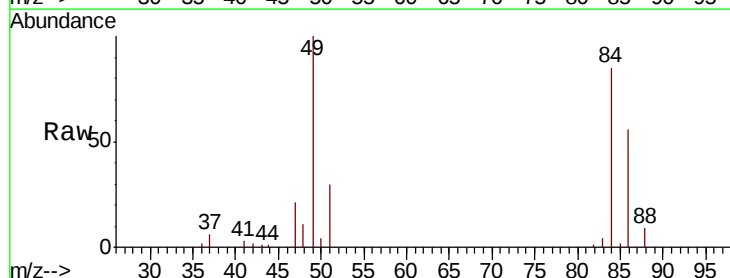
Instrument :  
MSVOA\_N  
ClientSampleId :

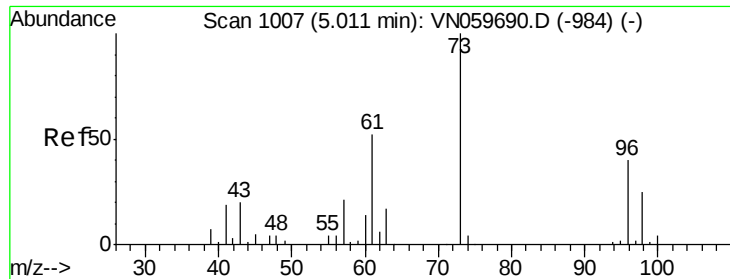
Tot Ion: 73 Resp: 110579  
Ion Ratio Lower Upper  
73 100  
57 21.7 18.6 27.8



#20  
Methylene Chloride  
Concen: 18.964 ug/l  
RT: 4.52 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion: 84 Resp: 33955  
Ion Ratio Lower Upper  
84 100  
49 117.9 106.6 160.0  
51 35.9 31.9 47.9  
86 65.8 50.8 76.2

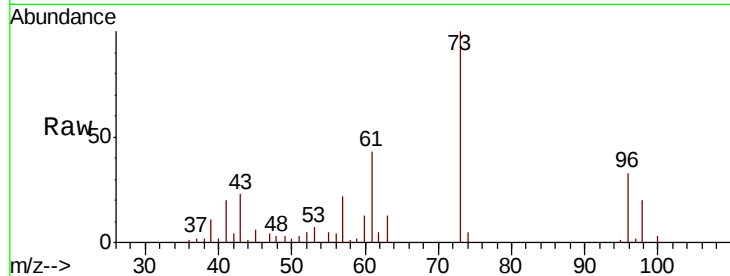




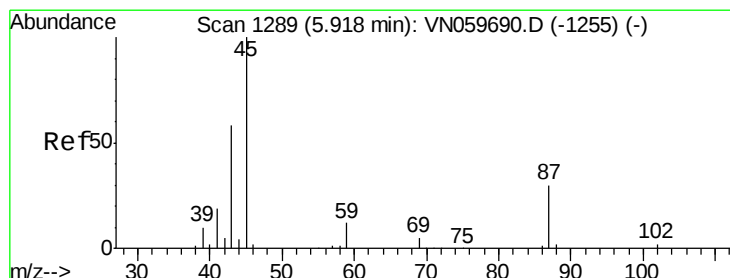
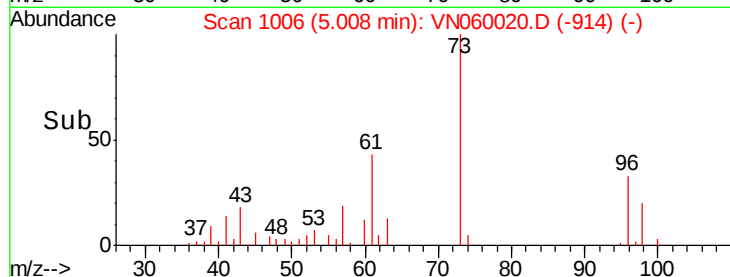
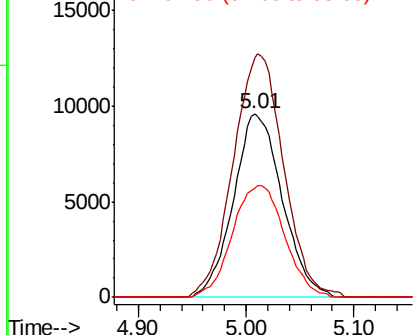
#21  
trans-1,2-Dichloroethene  
Concen: 18.206 ug/l  
RT: 5.01 min Scan# 1006  
Delta R.T. -0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 96 Resp: 30270  
Ion Ratio Lower Upper  
96 100  
61 130.3 120.4 180.6  
98 59.5 50.6 75.8

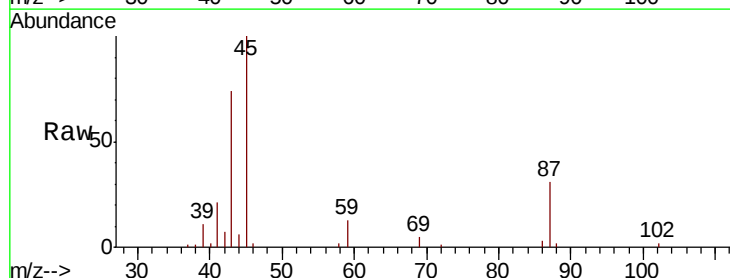


Abundance Ion 95.90 (95.60 to 96.60): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 97.90 (97.60 to 98.60): VN0

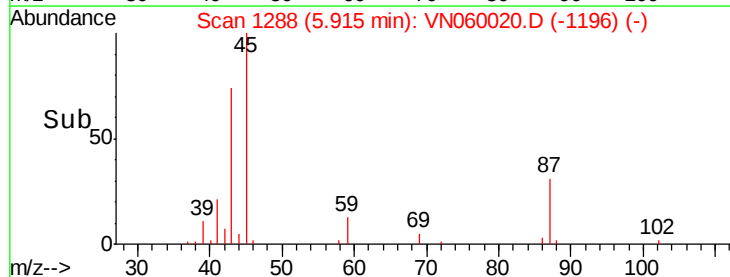
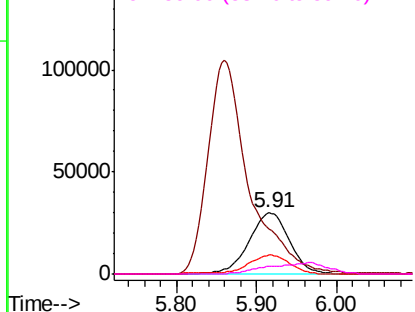


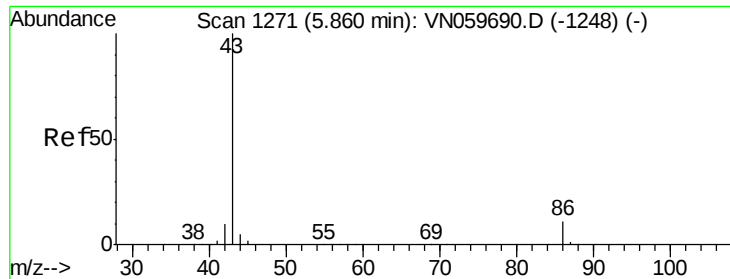
#22  
Diisopropyl ether  
Concen: 21.738 ug/l  
RT: 5.91 min Scan# 1288  
Delta R.T. -0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion: 45 Resp: 103859  
Ion Ratio Lower Upper  
45 100  
43 70.1 50.8 76.2  
87 30.7 21.0 31.6  
59 13.2 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

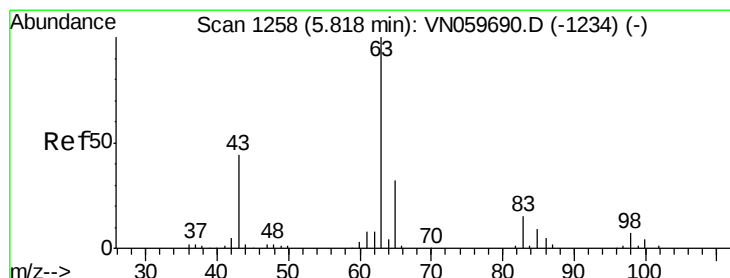
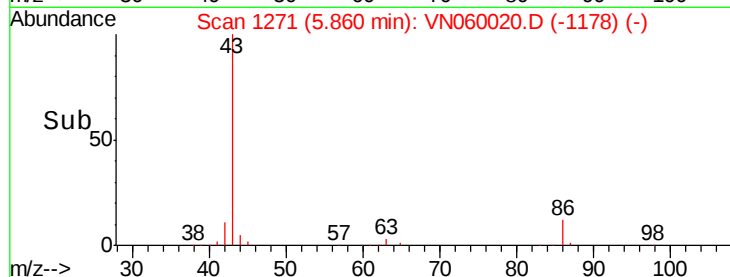
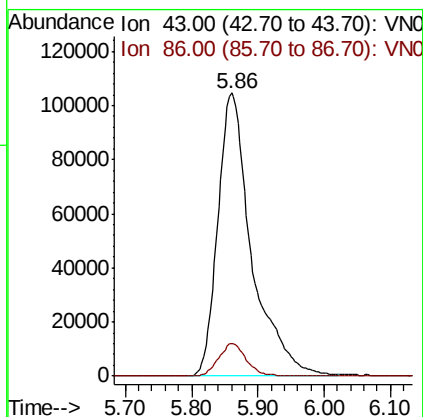
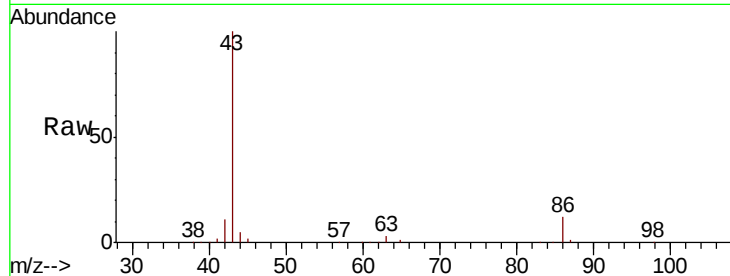




#23  
 Vinyl Acetate  
 Concen: 100.577 ug/l  
 RT: 5.86 min Scan# 1271  
 Delta R.T. 0.00 min  
 Lab File: VN060020.D  
 Acq: 7 Feb 2020 10:49

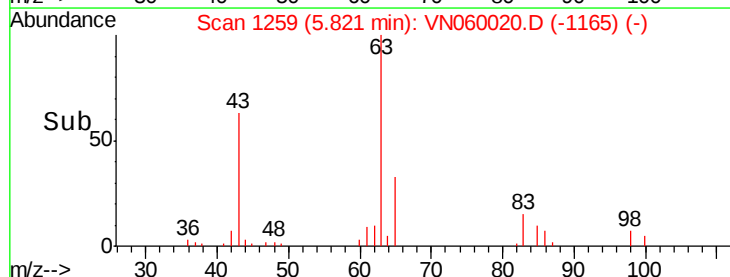
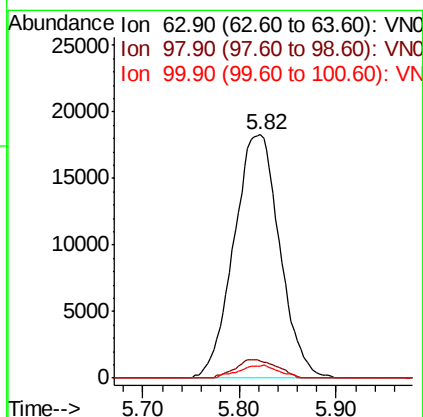
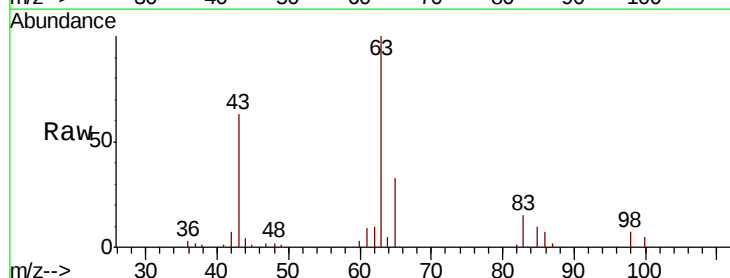
Instrument :  
 MSVOA\_N  
 ClientSampled :

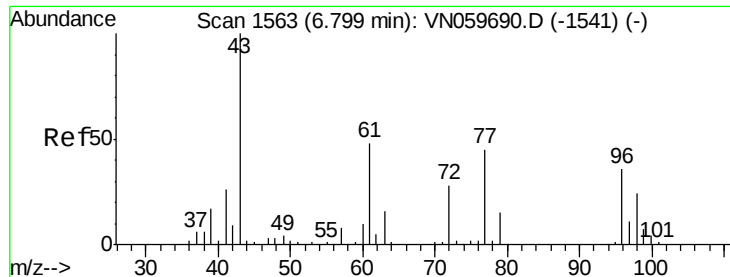
Tot Ion: 43 Resp: 372044  
 Ion Ratio Lower Upper  
 43 100  
 86 11.7 7.6 11.4#



#24  
 1,1-Dichloroethane  
 Concen: 20.627 ug/l  
 RT: 5.82 min Scan# 1259  
 Delta R.T. 0.00 min  
 Lab File: VN060020.D  
 Acq: 7 Feb 2020 10:49

Tgt Ion: 63 Resp: 60217  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 2.9 8.7  
 100 5.1 2.0 6.0





#25

2-Butanone

Concen: 109.140 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

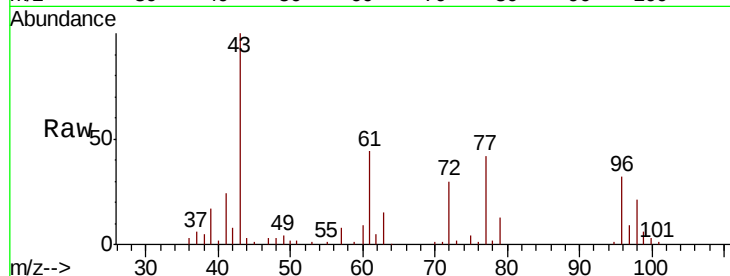
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 117342

Ion Ratio Lower Upper

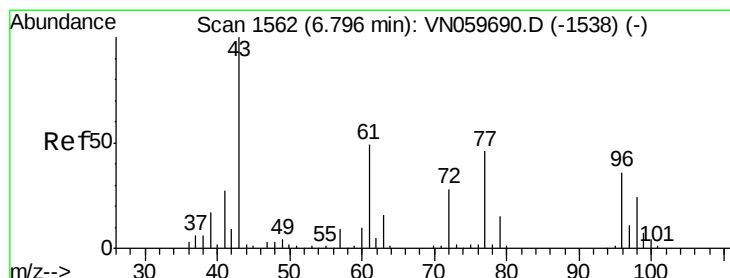
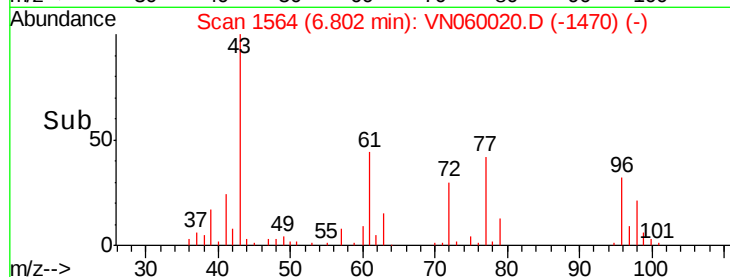
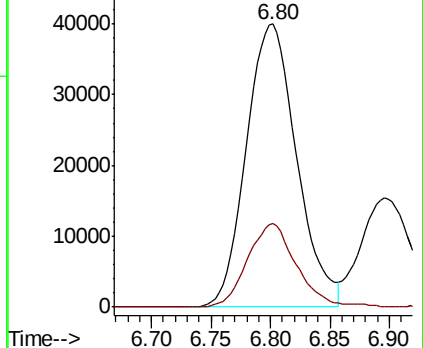
43 100

72 29.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 20.068 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060020.D

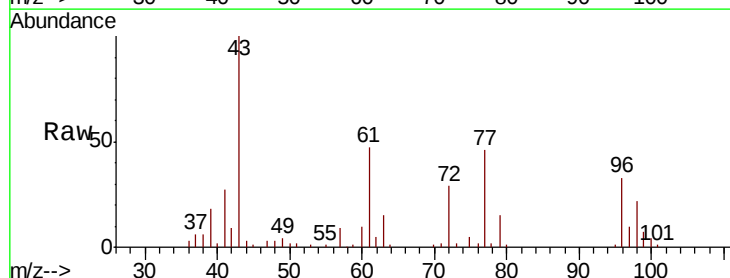
Acq: 7 Feb 2020 10:49

Tgt Ion: 77 Resp: 56321

Ion Ratio Lower Upper

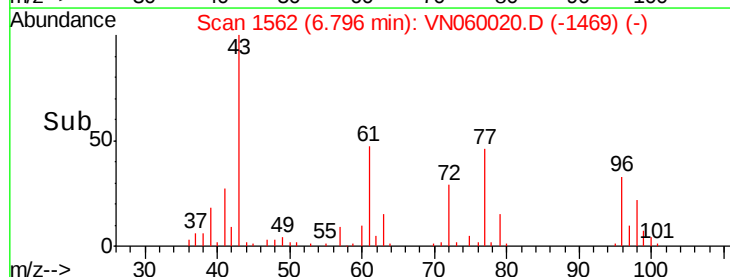
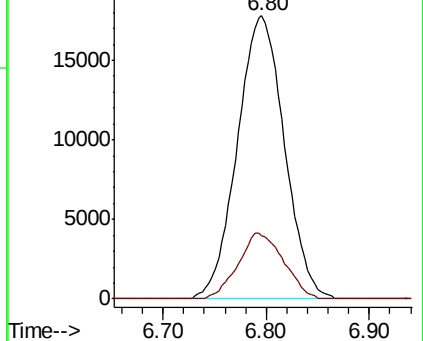
77 100

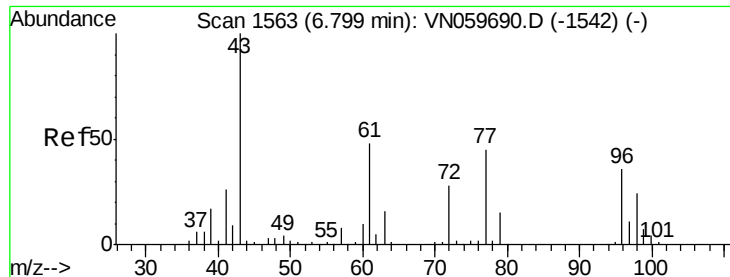
97 22.4 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 20.104 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :  
MSVOA\_N  
ClientSampled :

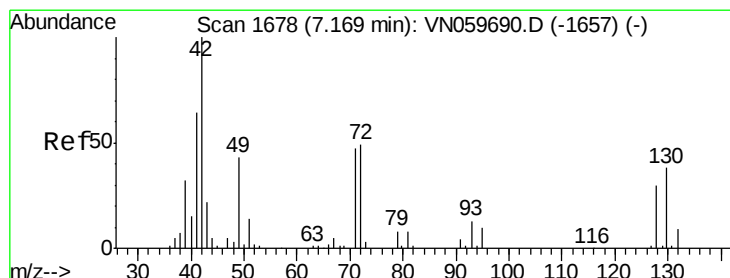
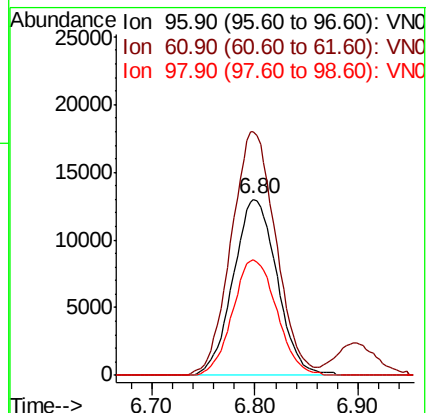
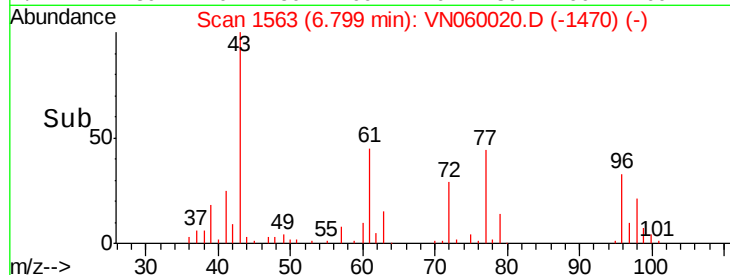
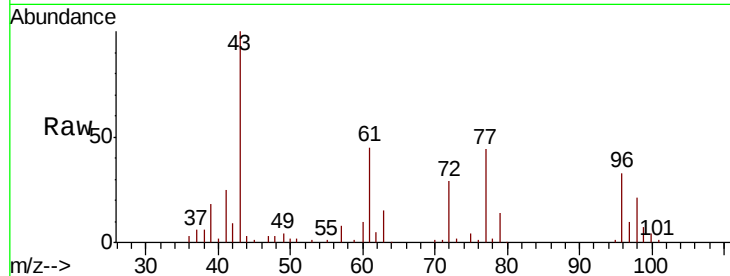
Tot Ion: 96 Resp: 38446

Ion Ratio Lower Upper

96 100

61 141.0 0.0 317.6

98 65.9 0.0 127.0



#28

Bromochloromethane

Concen: 20.879 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

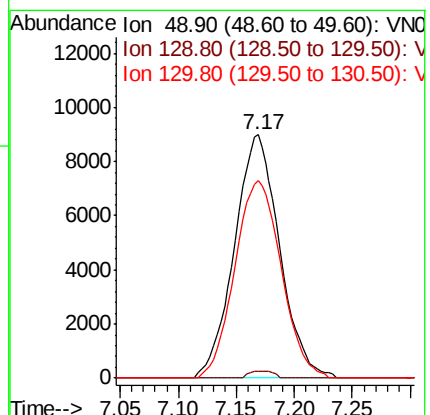
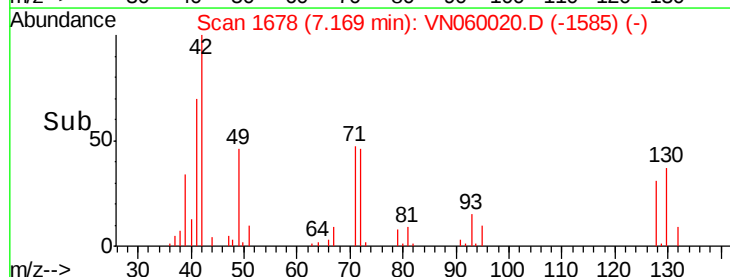
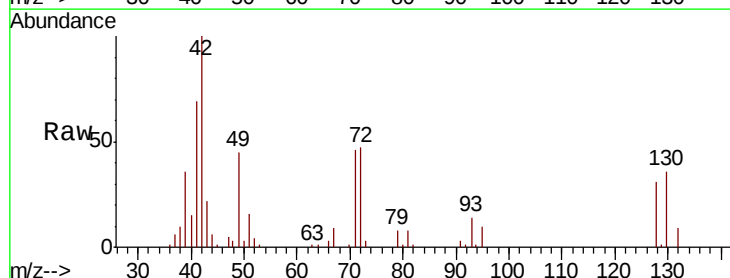
Tgt Ion: 49 Resp: 24361

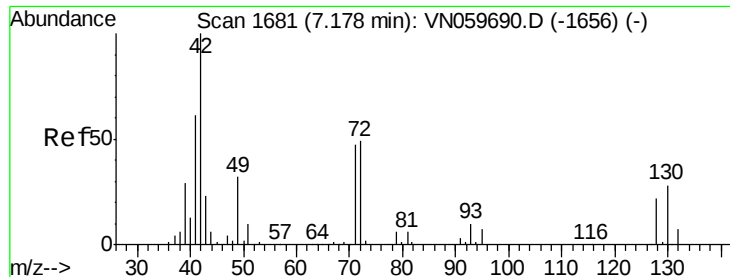
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.4

130 83.4 54.7 82.1#

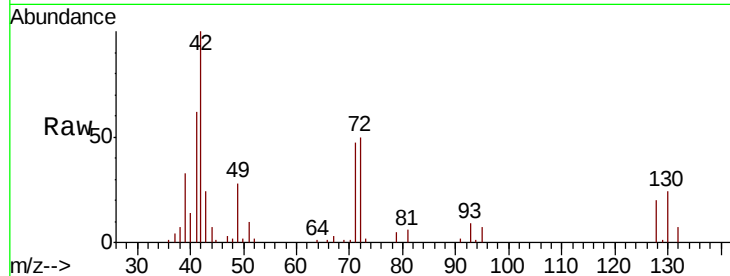




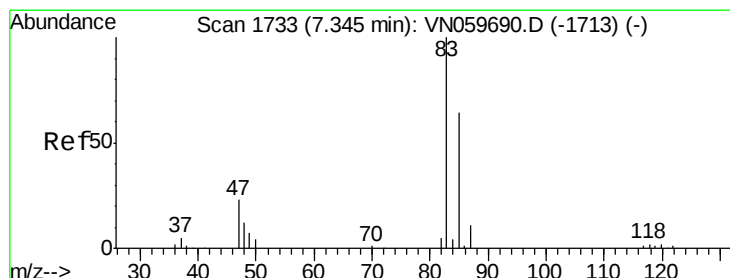
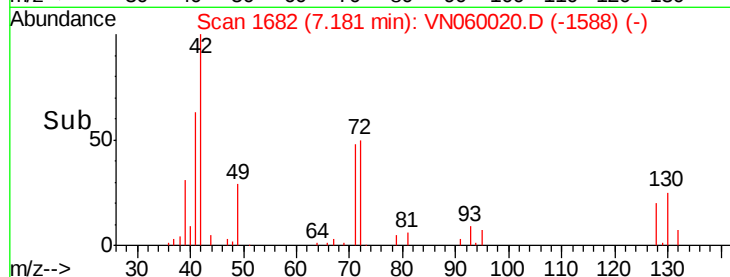
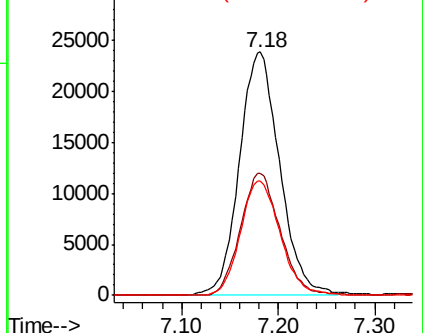
#29  
Tetrahydrofuran  
Concen: 103.749 ug/l  
RT: 7.18 min Scan# 1682  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 42 Resp: 69016  
Ion Ratio Lower Upper  
42 100  
72 49.4 33.1 49.7  
71 46.4 31.4 47.0

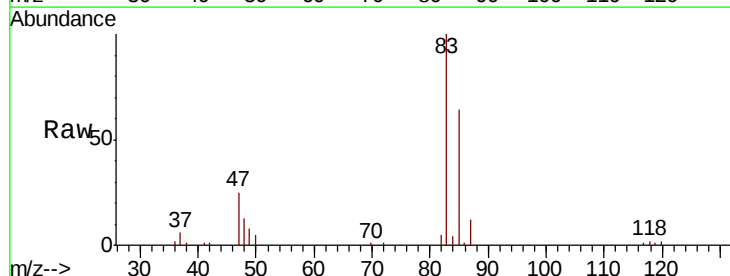


Abundance Ion 42.00 (41.70 to 42.70): VN0  
Ion 72.00 (71.70 to 72.70): VN0  
Ion 71.00 (70.70 to 71.70): VN0

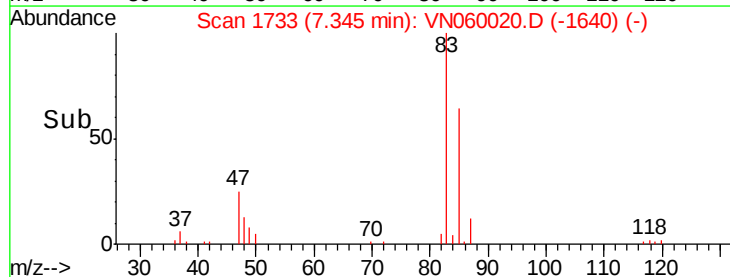
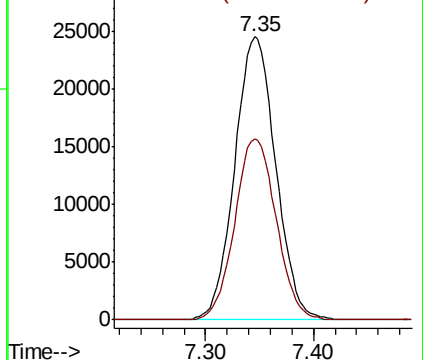


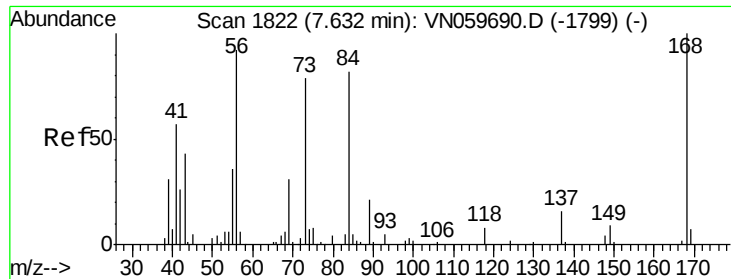
#30  
Chloroform  
Concen: 21.480 ug/l  
RT: 7.35 min Scan# 1733  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion: 83 Resp: 64970  
Ion Ratio Lower Upper  
83 100  
85 63.9 52.4 78.6



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

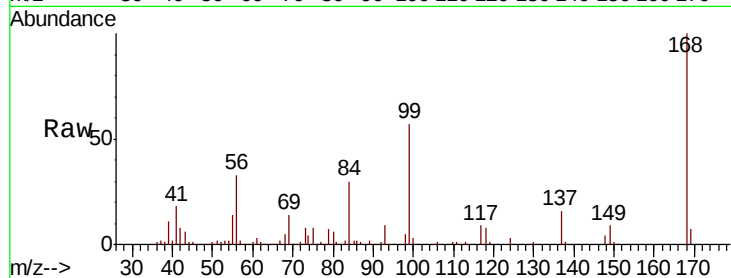




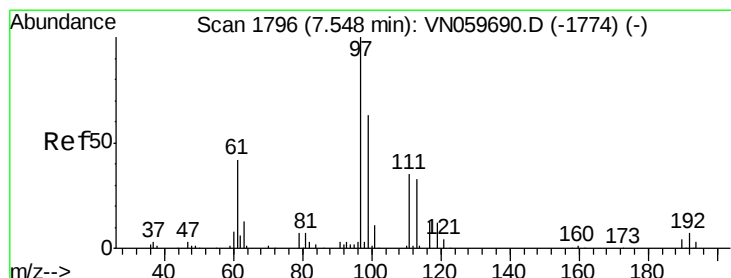
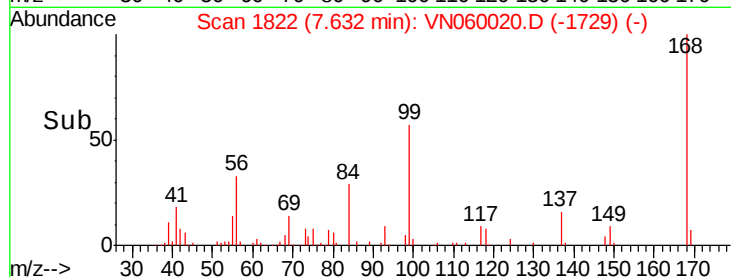
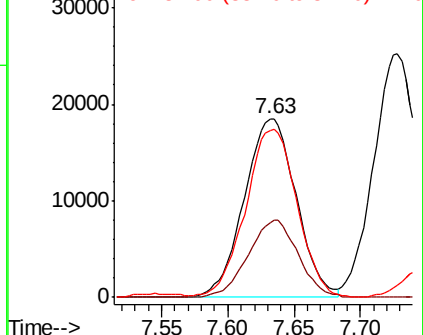
#31  
Cyclohexane  
Concen: 17.977 ug/l  
RT: 7.63 min Scan# 1822  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 56 Resp: 50498  
Ion Ratio Lower Upper  
56 100  
69 41.5 26.5 39.7#  
84 92.3 65.3 97.9

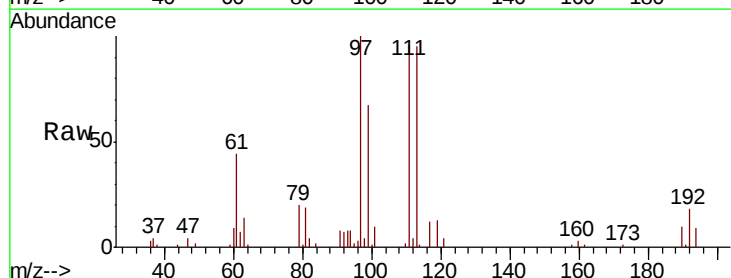


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

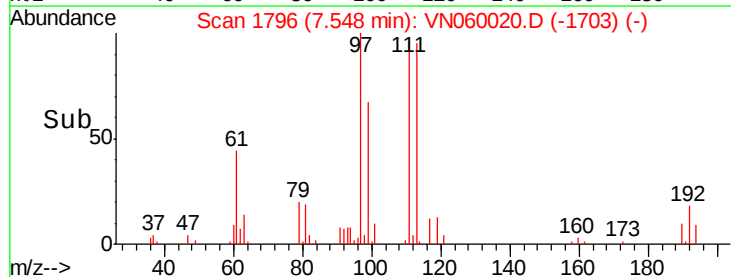
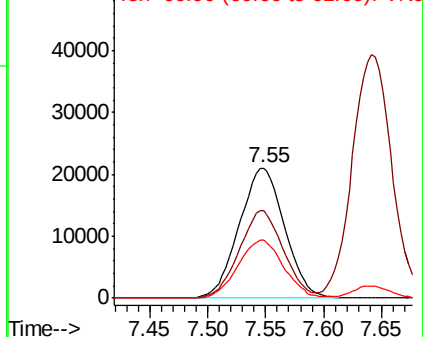


#32  
1,1,1-Trichloroethane  
Concen: 20.375 ug/l  
RT: 7.55 min Scan# 1796  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion: 97 Resp: 56984  
Ion Ratio Lower Upper  
97 100  
99 65.2 51.0 76.4  
61 44.8 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

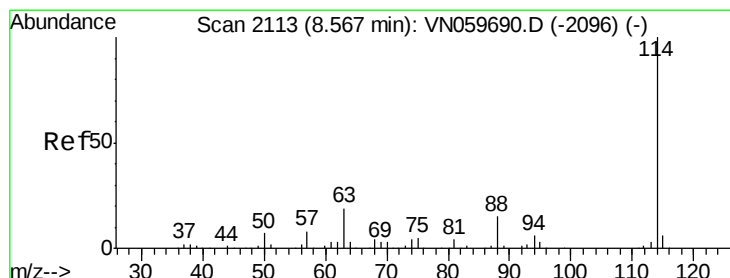
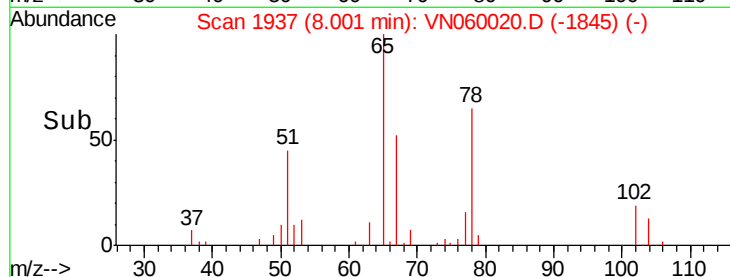
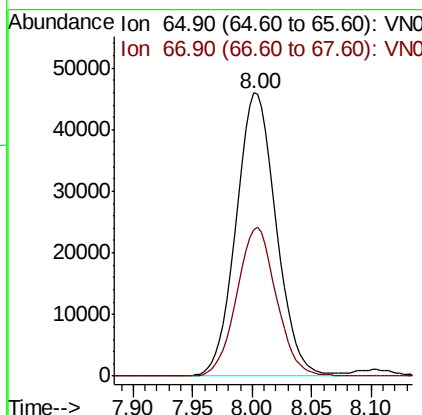
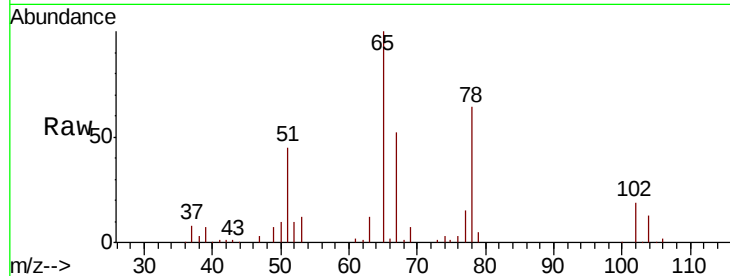




#33  
 1,2-Dichloroethane-d4  
 Concen: 56.472 ug/l  
 RT: 8.00 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: VN060020.D  
 Acq: 7 Feb 2020 10:49

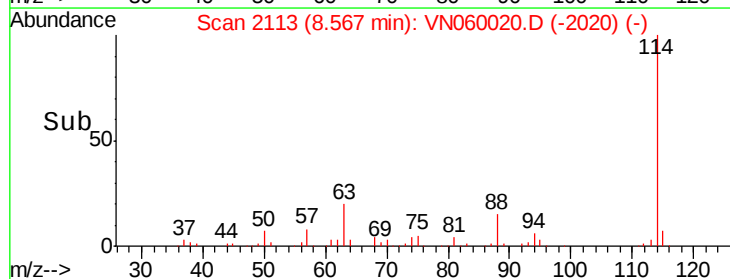
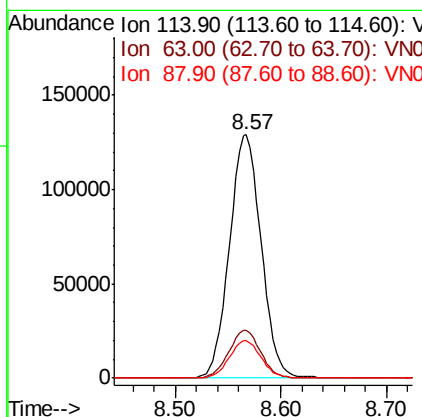
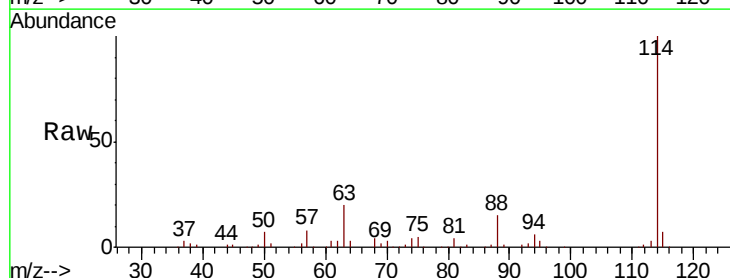
Instrument :  
 MSVOA\_N  
 ClientSampleId :

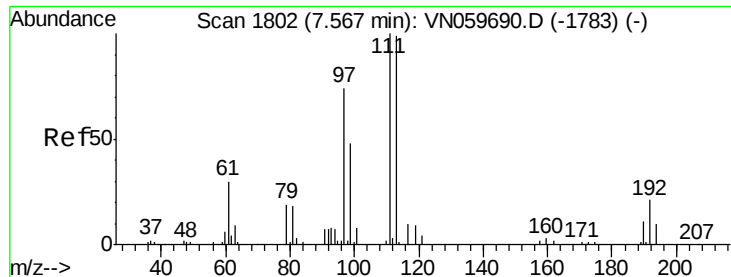
Tot Ion: 65 Resp: 107216  
 Ion Ratio Lower Upper  
 65 100  
 67 51.9 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2113  
 Delta R.T. 0.00 min  
 Lab File: VN060020.D  
 Acq: 7 Feb 2020 10:49

Tgt Ion: 114 Resp: 268927  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 43.6  
 88 15.2 0.0 31.4

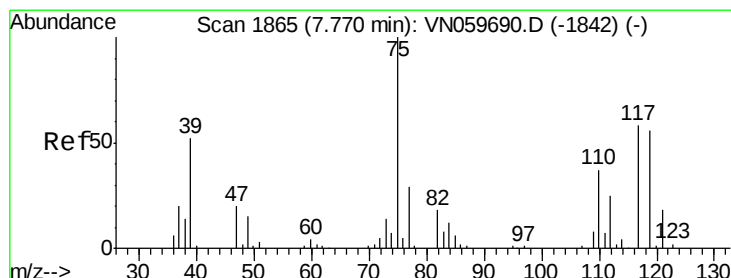
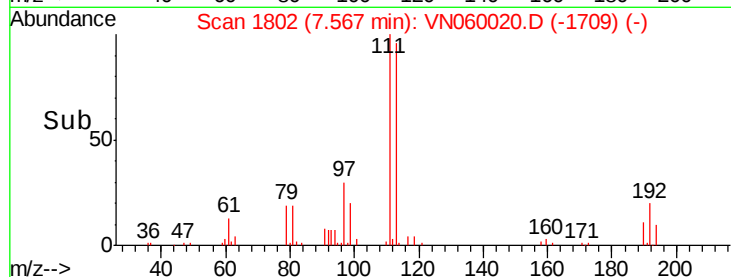
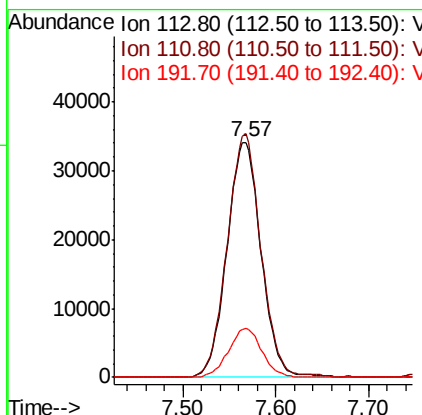
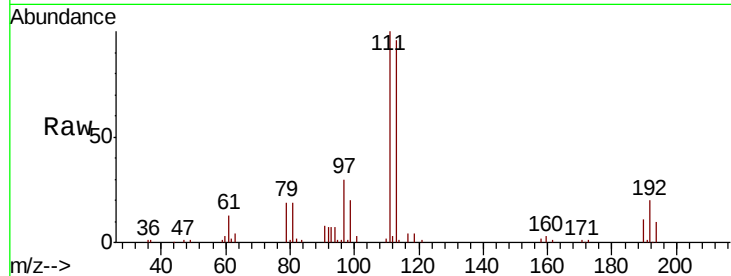




#35  
 Dibromofluoromethane  
 Concen: 54.225 ug/l  
 RT: 7.57 min Scan# 1802  
 Delta R.T. 0.00 min  
 Lab File: VN060020.D  
 Acq: 7 Feb 2020 10:49

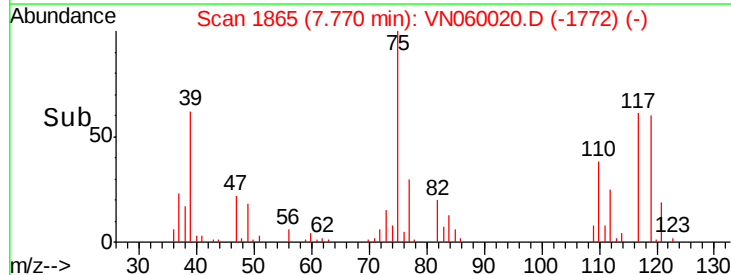
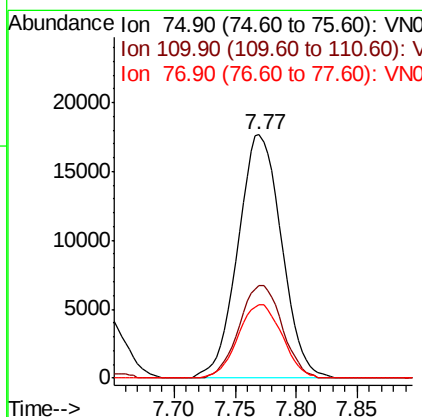
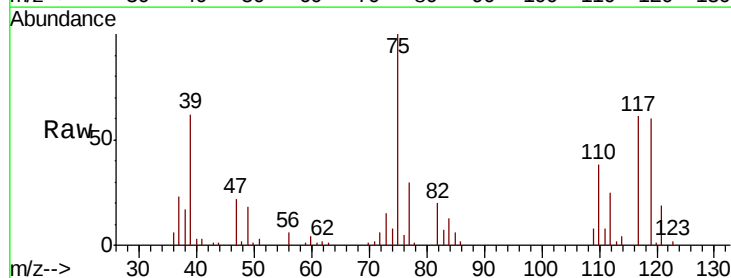
Instrument :  
 MSVOA\_N  
 ClientSampleId :

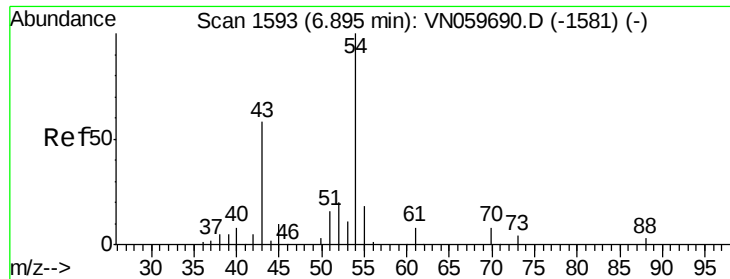
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.4 | 83.5  | 125.3 |
| 192     | 20.2  | 15.4  | 23.2  |



#36  
 1,1-Dichloropropene  
 Concen: 18.698 ug/l  
 RT: 7.77 min Scan# 1865  
 Delta R.T. 0.00 min  
 Lab File: VN060020.D  
 Acq: 7 Feb 2020 10:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.4  | 16.6  | 49.7  |
| 77      | 30.7  | 25.1  | 37.7  |

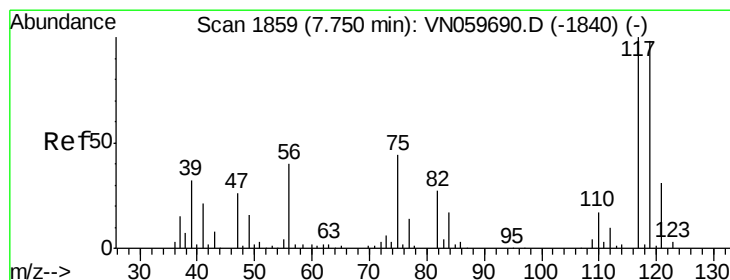
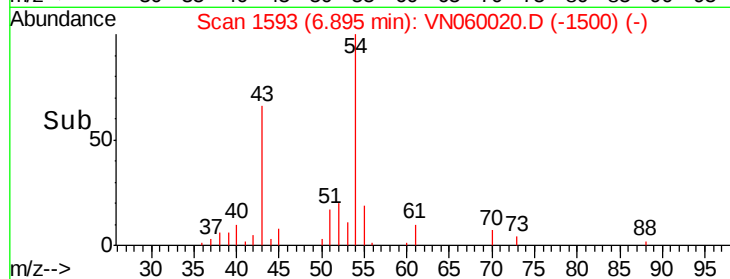
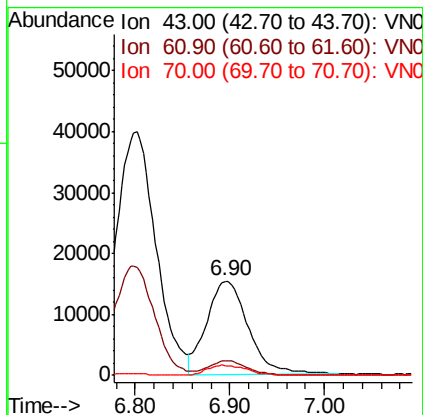
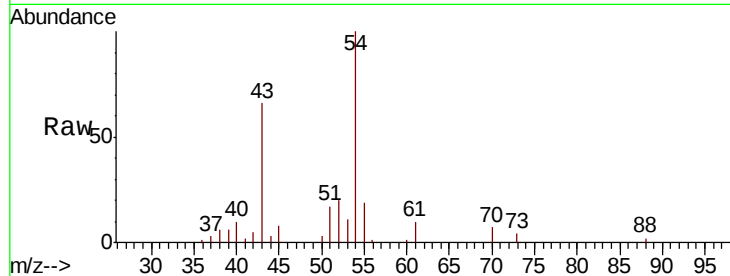




#37  
Ethyl Acetate  
Concen: 21.196 ug/l  
RT: 6.90 min Scan# 1593  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

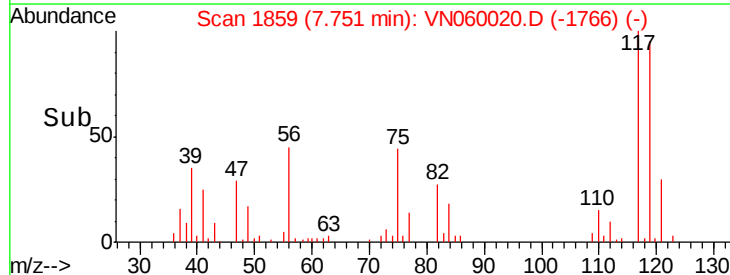
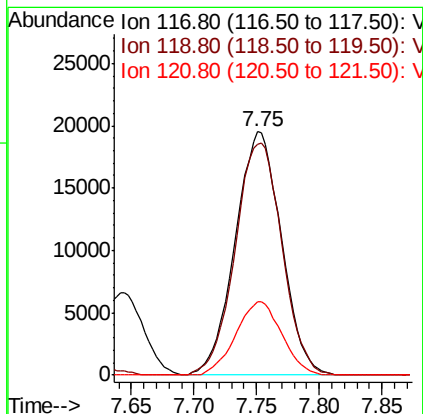
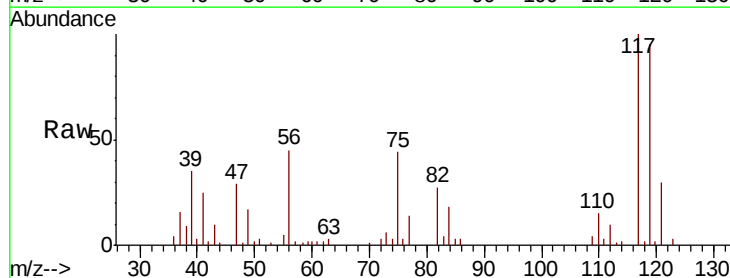
Instrument :  
MSVOA\_N  
ClientSampled :

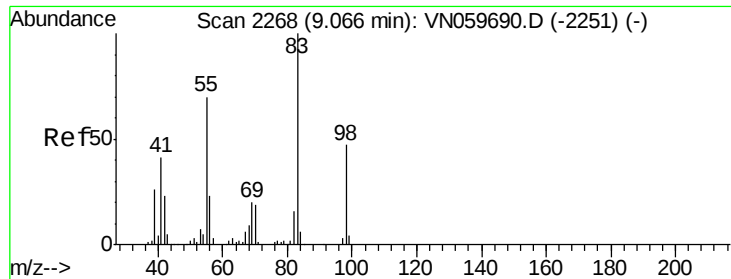
Tot Ion: 43 Resp: 46558  
Ion Ratio Lower Upper  
43 100  
61 14.7 10.9 16.3  
70 10.5 7.7 11.5



#38  
Carbon Tetrachloride  
Concen: 19.652 ug/l  
RT: 7.75 min Scan# 1859  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion: 117 Resp: 50063  
Ion Ratio Lower Upper  
117 100  
119 94.8 76.5 114.7  
121 29.9 25.1 37.7

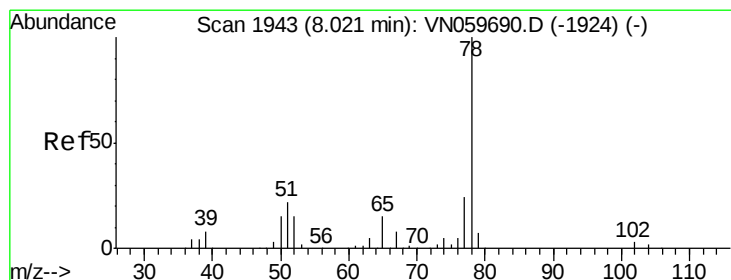
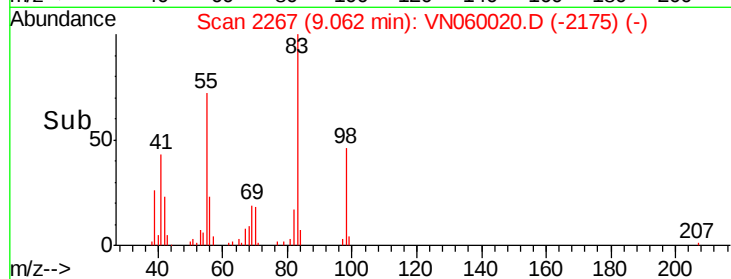
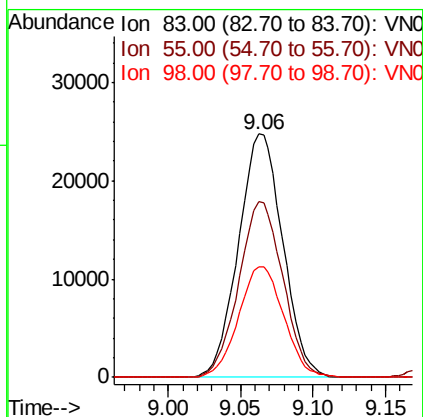
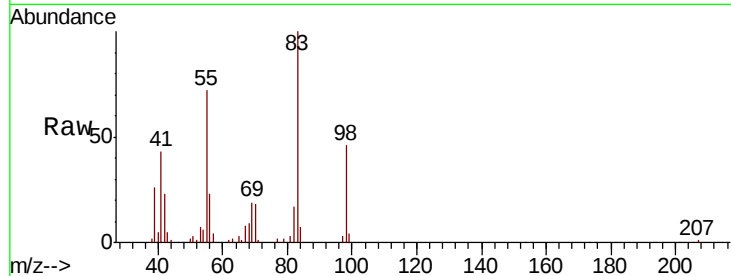




#39  
Methvlcvclohexane  
Concen: 18.241 ug/l  
RT: 9.06 min Scan# 2267  
Delta R.T. -0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

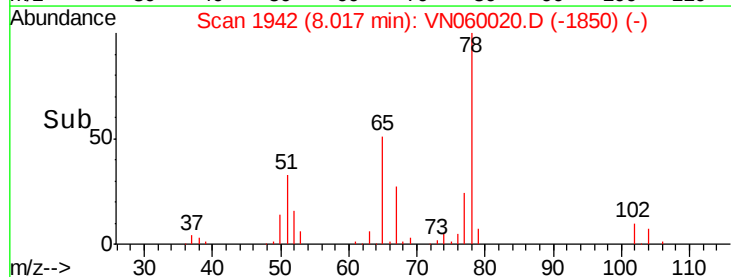
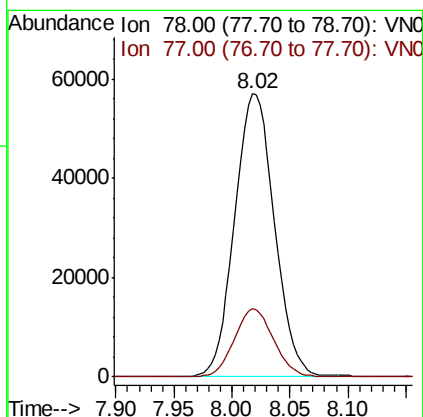
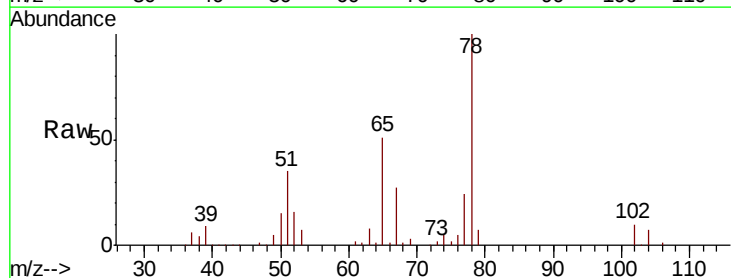
Instrument :  
MSVOA\_N  
ClientSampled :

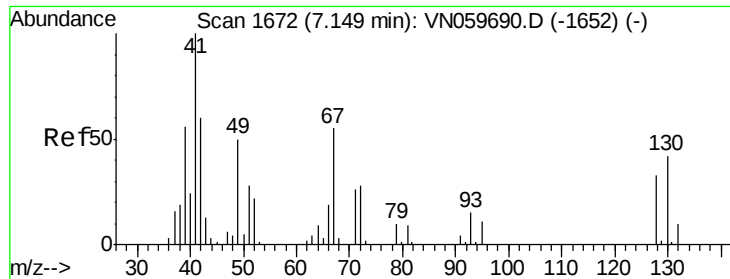
Tot Ion: 83 Resp: 52673  
Ion Ratio Lower Upper  
83 100  
55 72.0 64.2 96.2  
98 45.6 35.9 53.9



#40  
Benzene  
Concen: 19.523 ug/l  
RT: 8.02 min Scan# 1942  
Delta R.T. -0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion: 78 Resp: 136360  
Ion Ratio Lower Upper  
78 100  
77 24.0 18.9 28.3

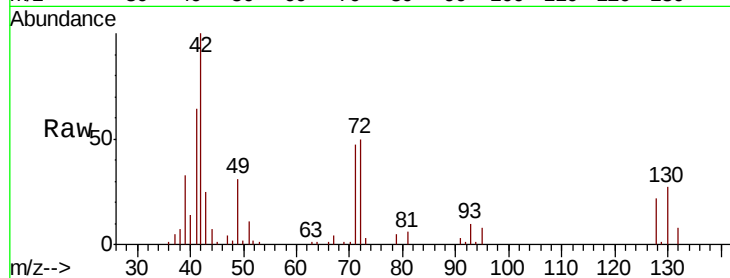




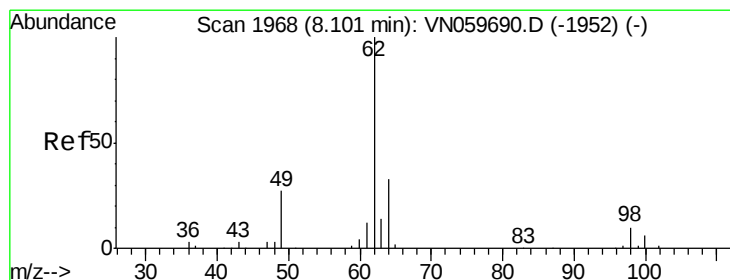
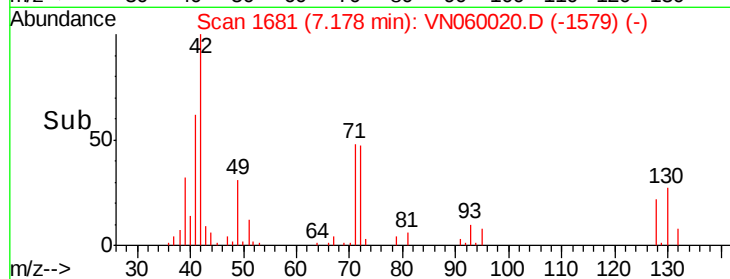
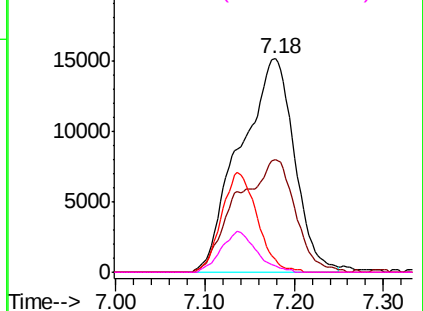
#41  
Methacrylonitrile  
Concen: 59.245 ug/l  
RT: 7.18 min Scan# 1681  
Delta R.T. 0.03 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 41 Resp: 64098  
Ion Ratio Lower Upper  
41 100  
39 56.5 0.0 0.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0

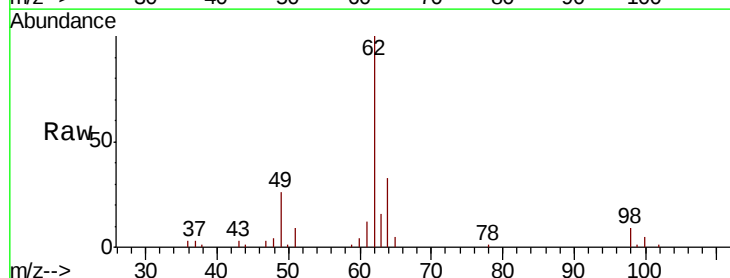


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

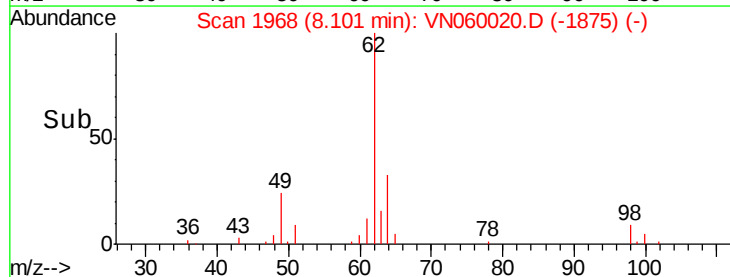
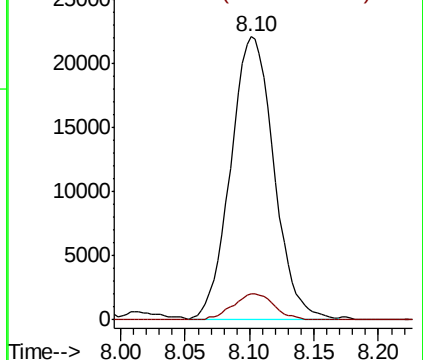


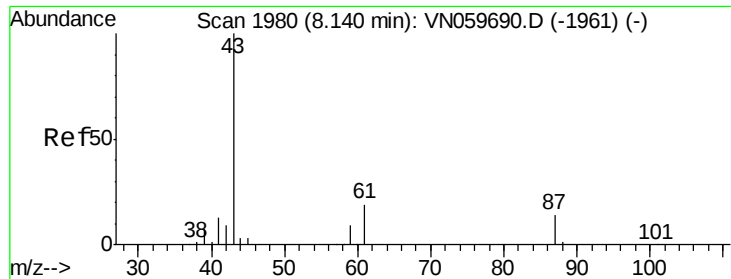
#42  
1,2-Dichloroethane  
Concen: 21.826 ug/l  
RT: 8.10 min Scan# 1968  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion: 62 Resp: 51686  
Ion Ratio Lower Upper  
62 100  
98 8.7 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: 21.047 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

ClientSampleId :

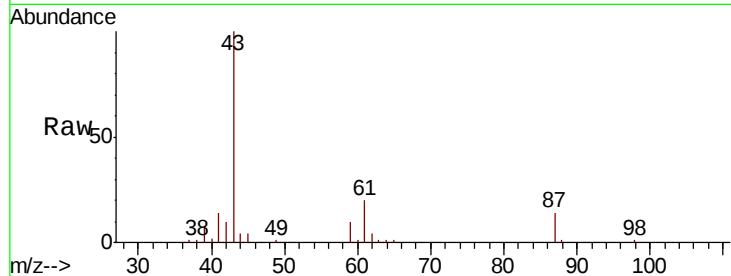
Tot Ion: 43 Resp: 79516

Ion Ratio Lower Upper

43 100

61 26.8 20.2 30.2

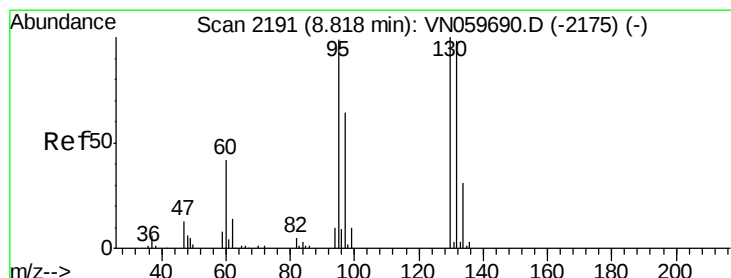
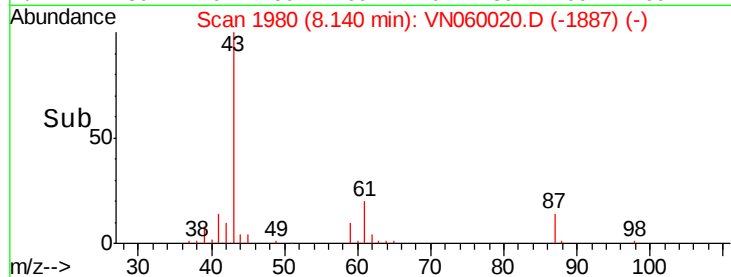
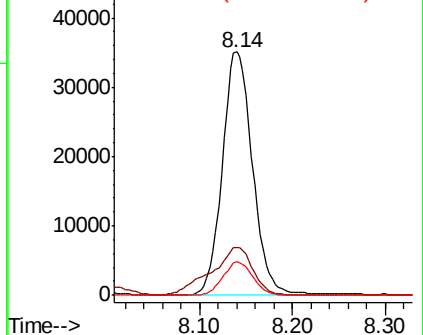
87 13.4 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN060020.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060020.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060020.D (-1887) (-)



#44

Trichloroethene

Concen: 20.080 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060020.D

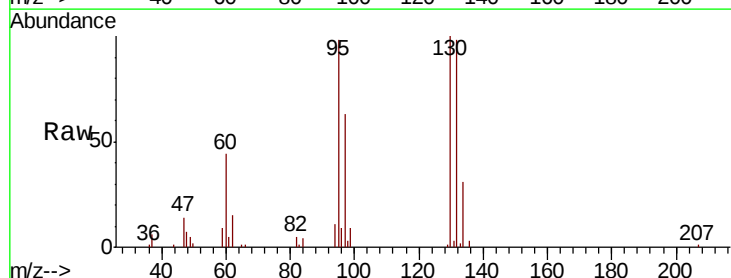
Acq: 7 Feb 2020 10:49

Tgt Ion:130 Resp: 38287

Ion Ratio Lower Upper

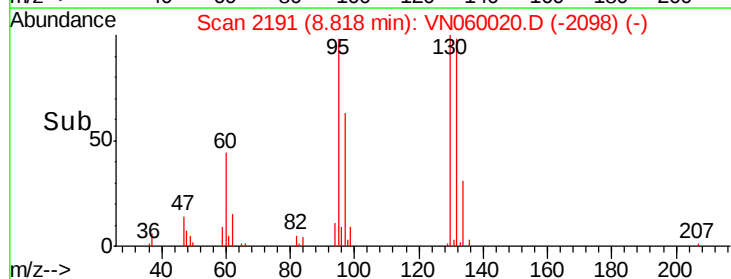
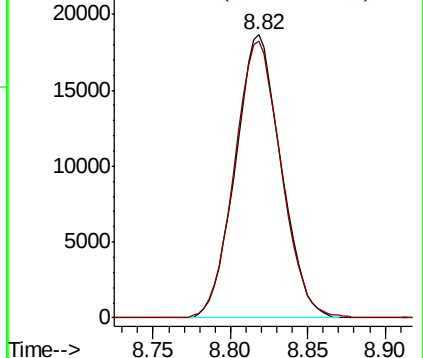
130 100

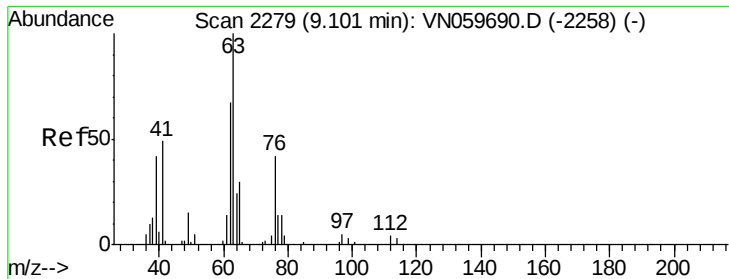
95 97.9 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN060020.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN060020.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 21.271 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

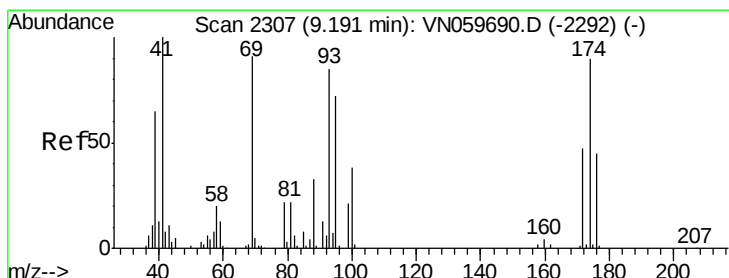
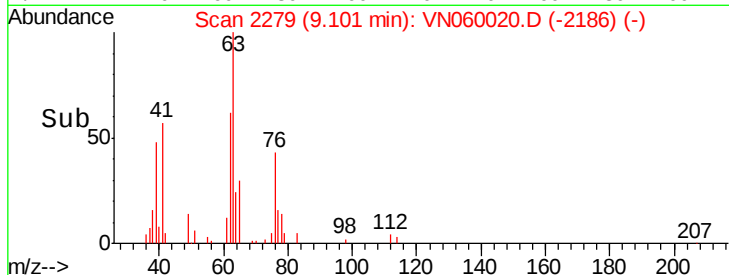
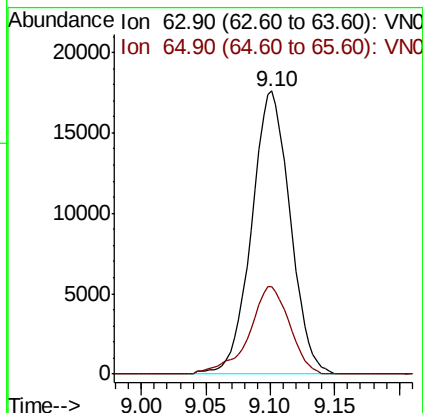
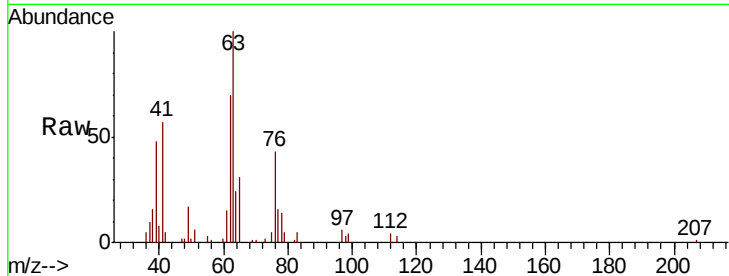
ClientSampleId :

Tot Ion: 63 Resp: 36762

Ion Ratio Lower Upper

63 100

65 30.9 24.9 37.3



#46

Dibromomethane

Concen: 21.115 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

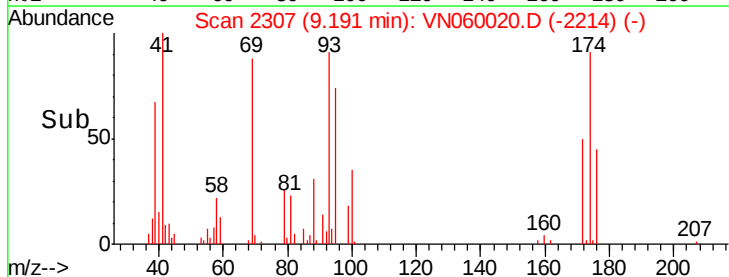
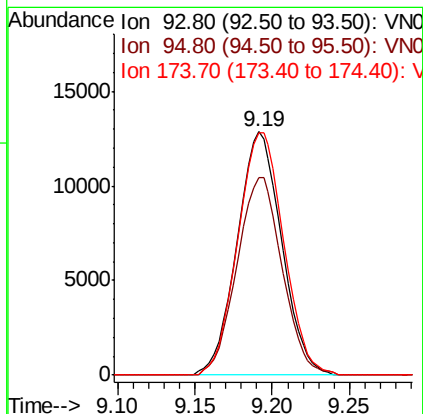
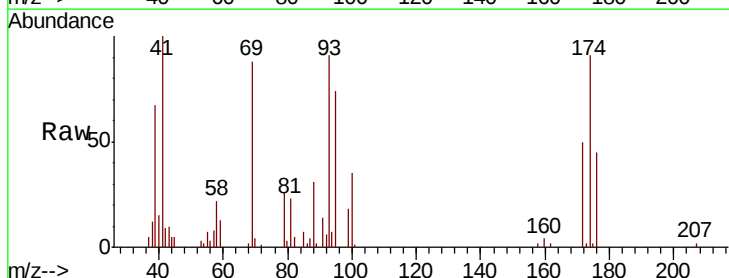
Tgt Ion: 93 Resp: 25742

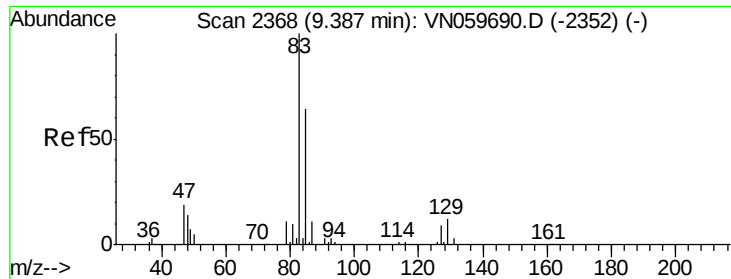
Ion Ratio Lower Upper

93 100

95 82.6 67.0 100.6

174 102.9 73.4 110.2

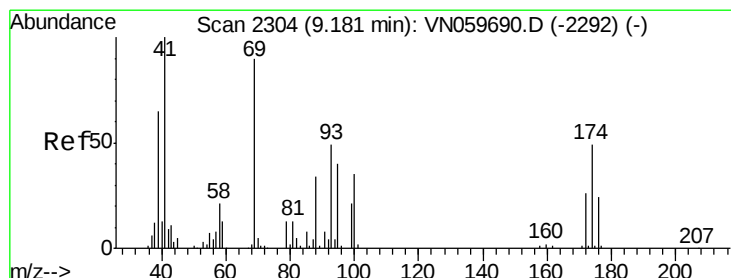
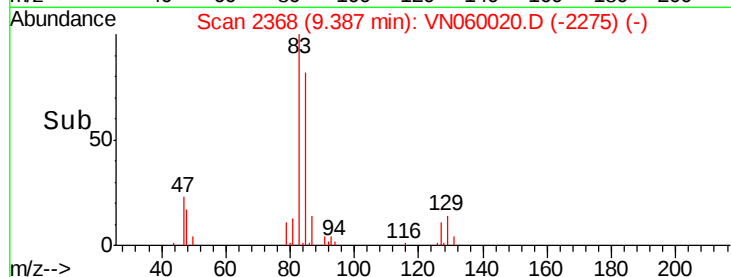
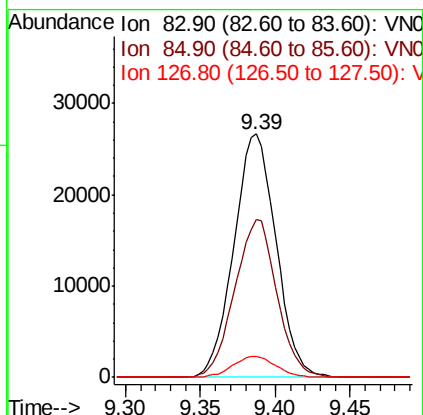
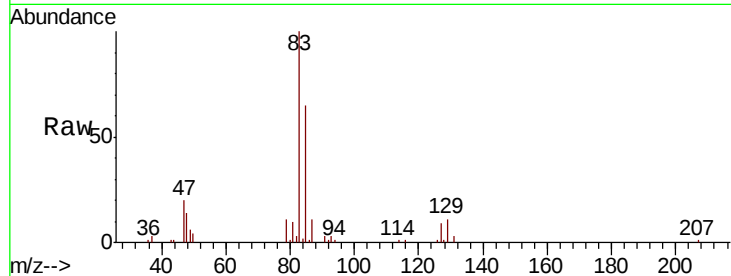




#47  
Bromodichloromethane  
Concen: 21.259 ug/l  
RT: 9.39 min Scan# 2368  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

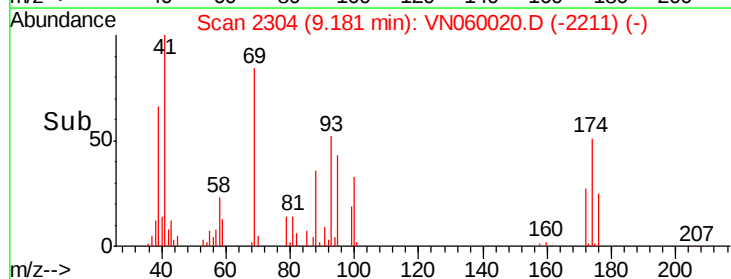
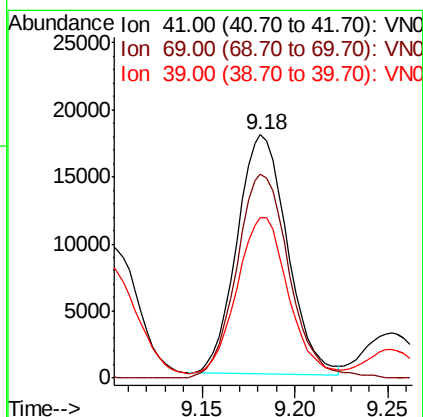
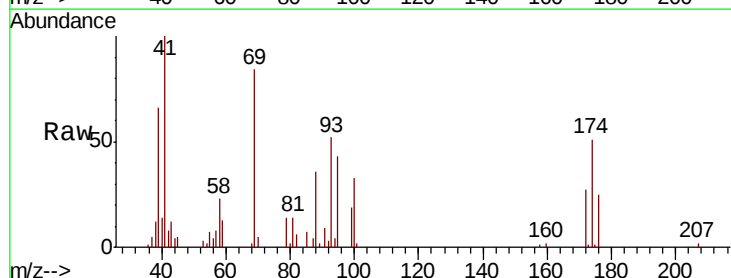
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 83 Resp: 52229  
Ion Ratio Lower Upper  
83 100  
85 64.6 51.1 76.7  
127 8.5 6.6 9.8



#48  
Methyl methacrylate  
Concen: 20.043 ug/l  
RT: 9.18 min Scan# 2304  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion: 41 Resp: 33871  
Ion Ratio Lower Upper  
41 100  
69 88.7 64.4 96.6  
39 70.1 51.3 76.9

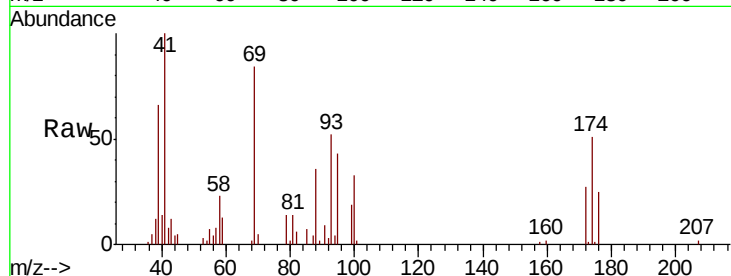




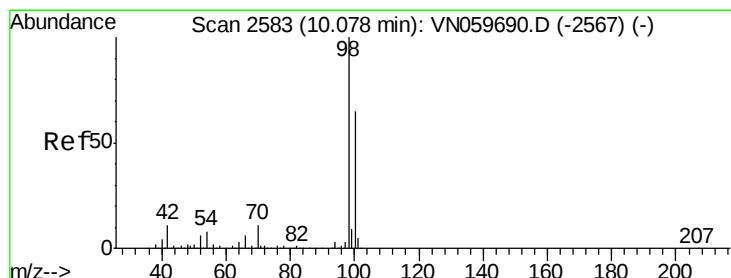
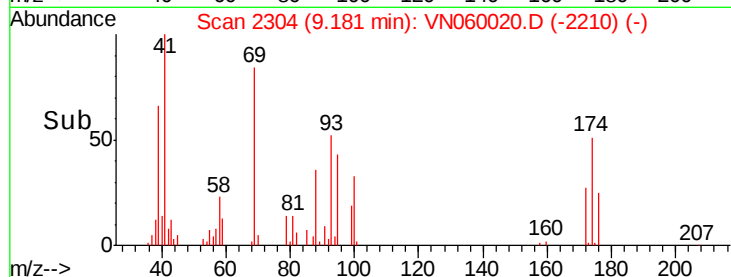
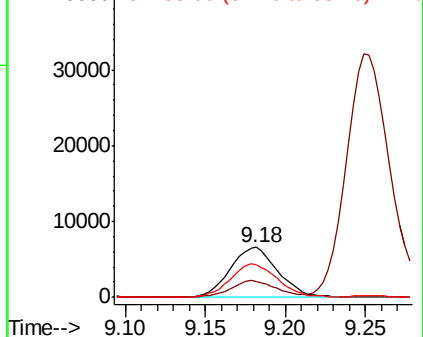
#49  
1,4-Dioxane  
Concen: 432.337 ug/l  
RT: 9.18 min Scan# 2304  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 88 Resp: 13375  
Ion Ratio Lower Upper  
88 100  
43 32.0 29.7 44.5  
58 65.6 56.6 85.0

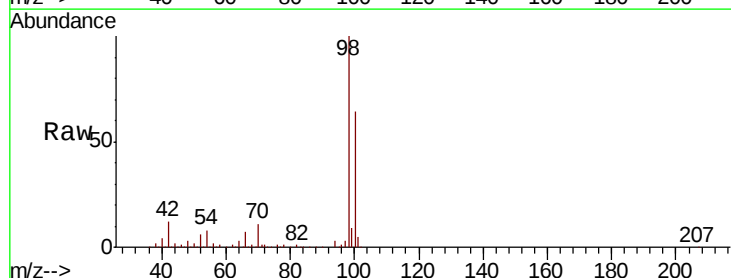


Abundance Ion 88.00 (87.70 to 88.70): VN0  
Ion 43.00 (42.70 to 43.70): VN0  
Ion 58.00 (57.70 to 58.70): VN0

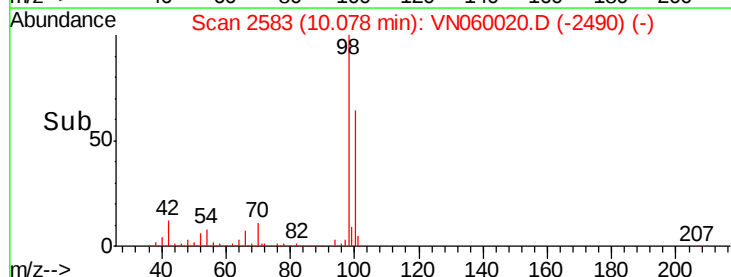
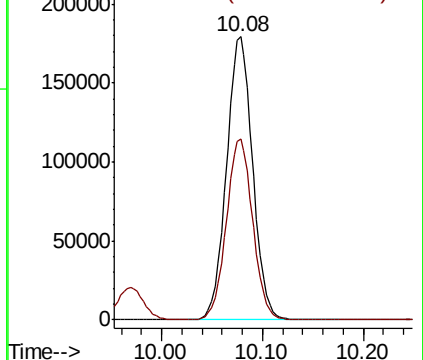


#50  
Toluene-d8  
Concen: 52.119 ug/l  
RT: 10.08 min Scan# 2583  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion: 98 Resp: 323850  
Ion Ratio Lower Upper  
98 100  
100 64.3 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: 106.169 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

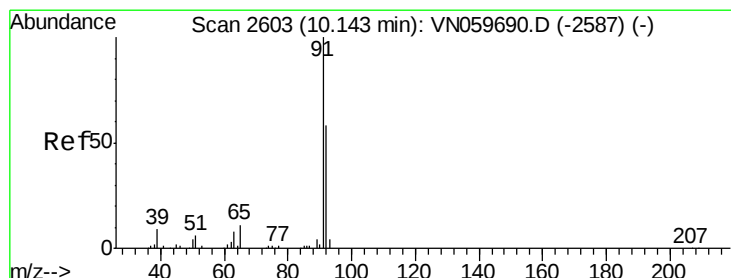
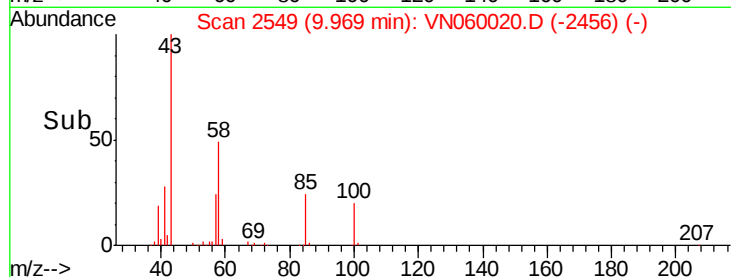
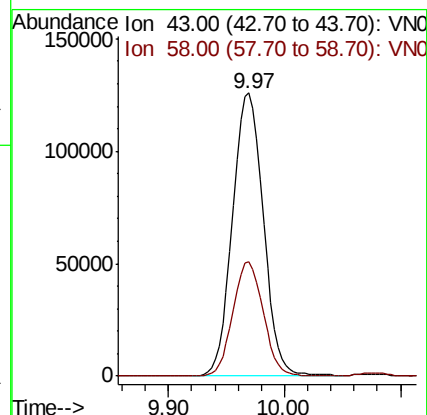
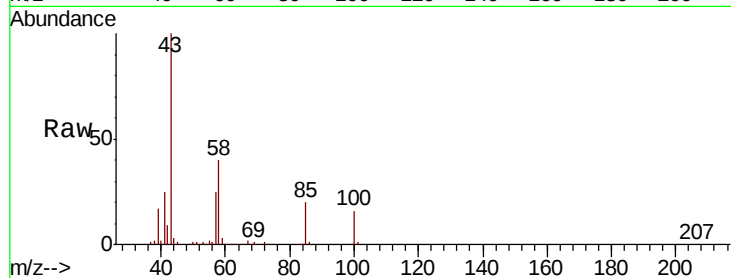
ClientSampled :

Tot Ion: 43 Resp: 231873

Ion Ratio Lower Upper

43 100

58 39.6 29.8 44.8



#52

Toluene

Concen: 20.061 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060020.D

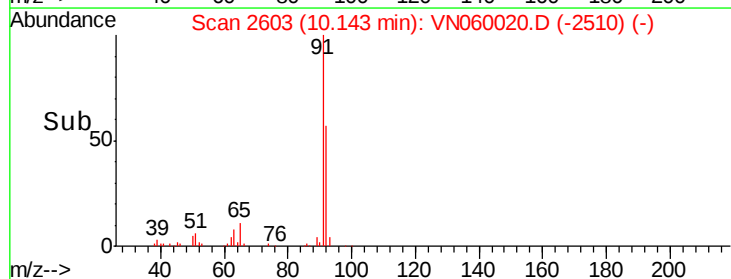
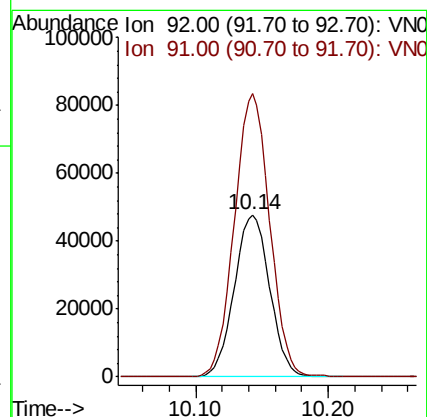
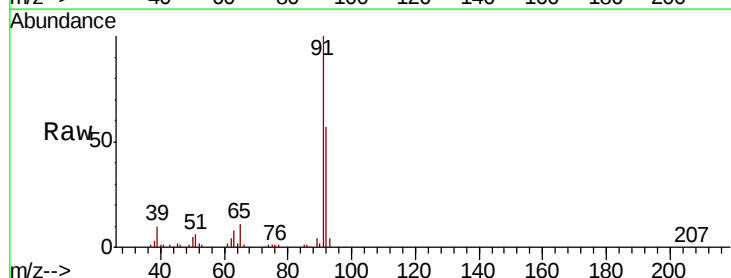
Acq: 7 Feb 2020 10:49

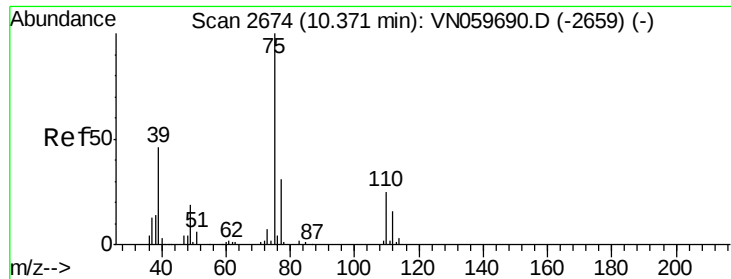
Tgt Ion: 92 Resp: 88504

Ion Ratio Lower Upper

92 100

91 174.3 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 21.285 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

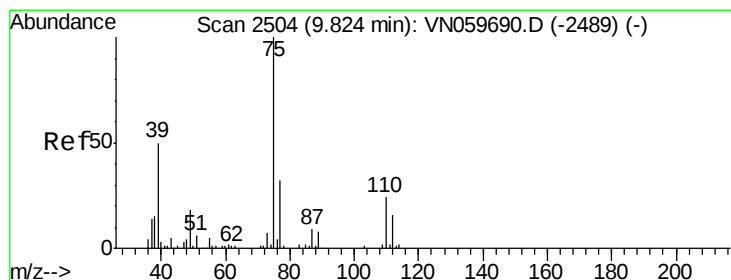
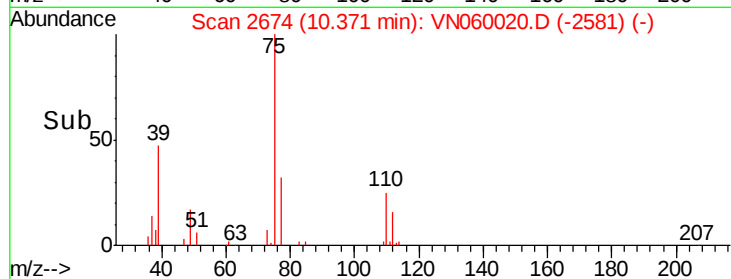
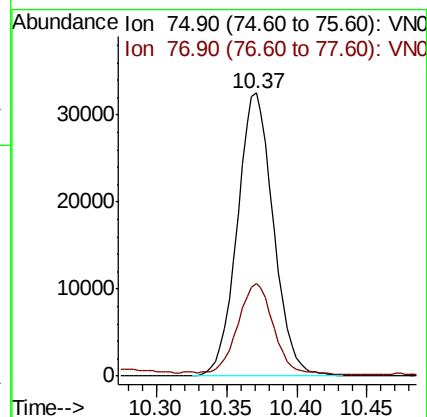
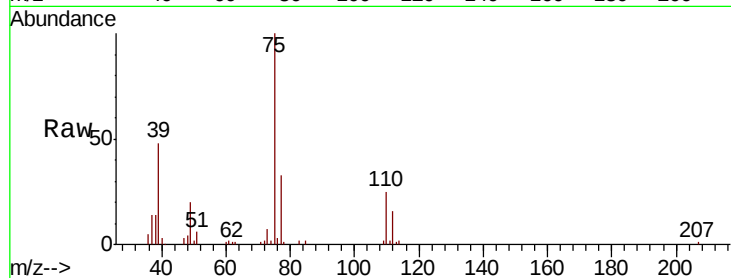
ClientSampled :

Tot Ion: 75 Resp: 58389

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 21.025 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

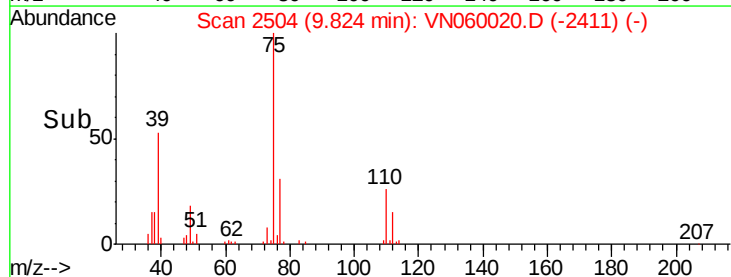
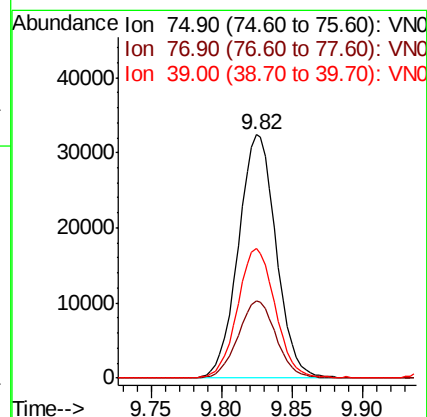
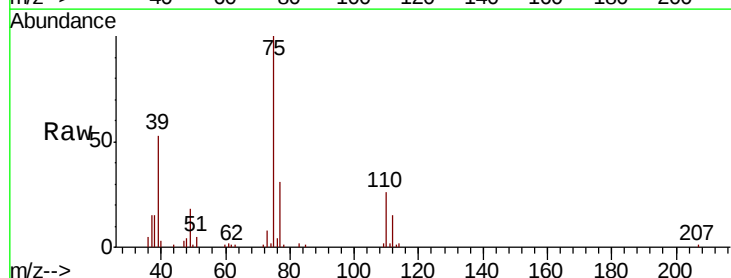
Tgt Ion: 75 Resp: 60686

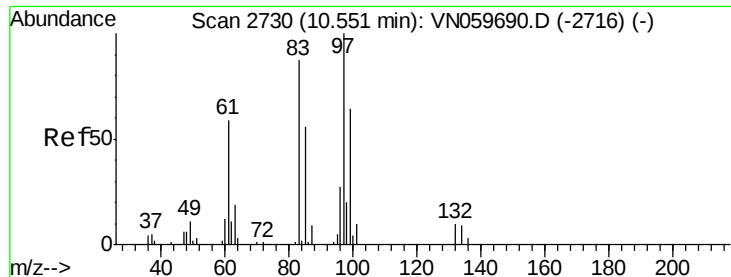
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 53.3 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 21.767 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 97 Resp: 38034

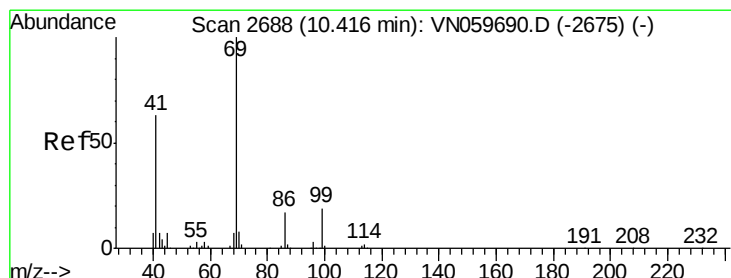
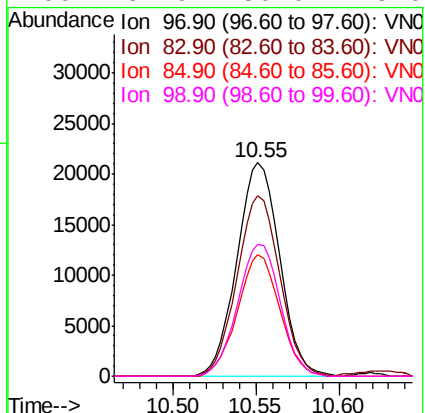
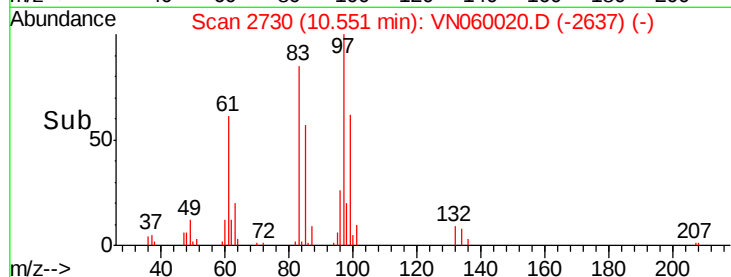
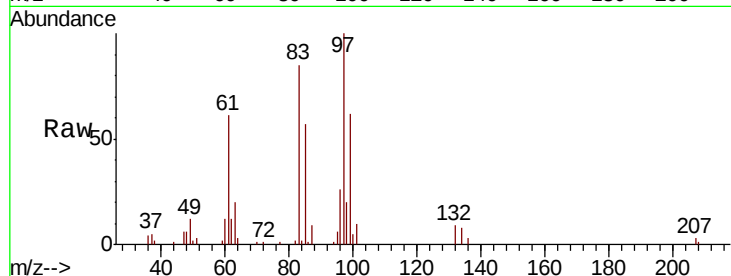
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.6  | 71.3  | 106.9 |
| 85  | 56.9  | 45.8  | 68.8  |
| 99  | 61.9  | 50.0  | 75.0  |

97 100

83 84.6 71.3 106.9

85 56.9 45.8 68.8

99 61.9 50.0 75.0



#56

Ethyl methacrylate

Concen: 19.968 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

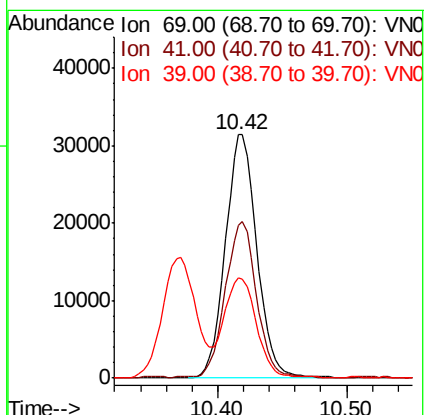
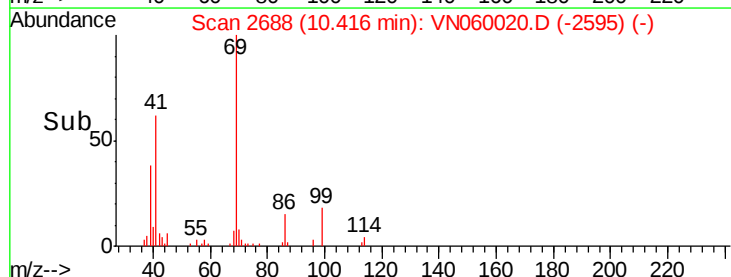
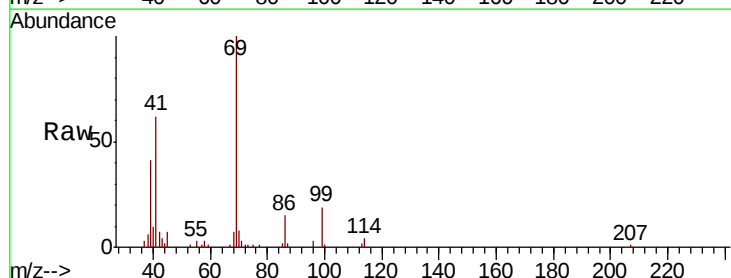
Tgt Ion: 69 Resp: 53311

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 64.3  | 57.1  | 85.7  |
| 39  | 43.7  | 34.7  | 52.1  |

69 100

41 64.3 57.1 85.7

39 43.7 34.7 52.1





#57

1,3-Dichloropropane

Concen: 22.085 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

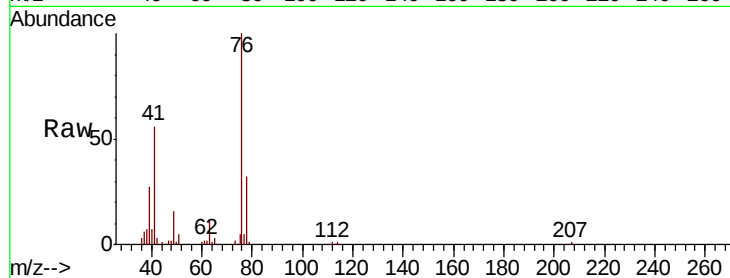
ClientSampleId :

Tot Ion: 76 Resp: 61264

Ion Ratio Lower Upper

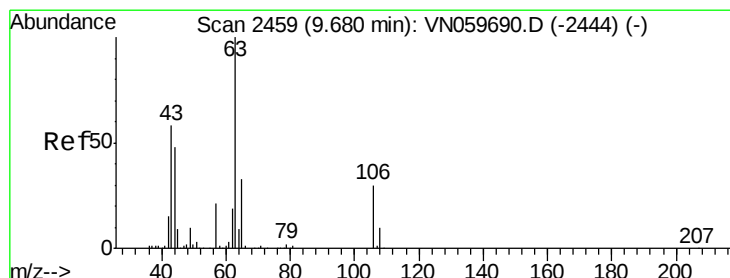
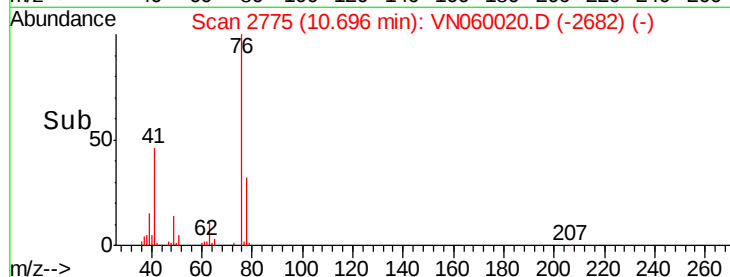
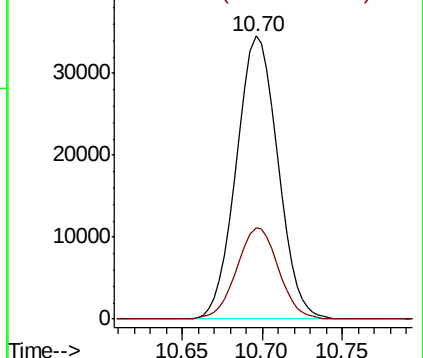
76 100

78 32.4 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN060020.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060020.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 105.147 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060020.D

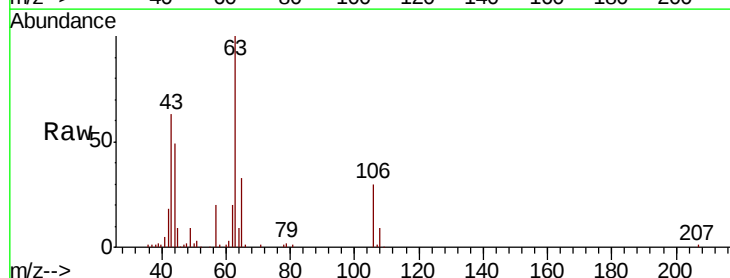
Acq: 7 Feb 2020 10:49

Tgt Ion: 63 Resp: 84556

Ion Ratio Lower Upper

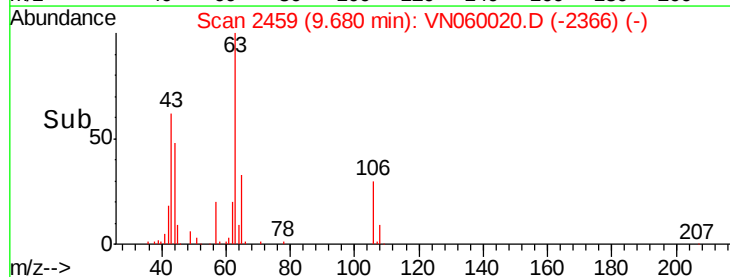
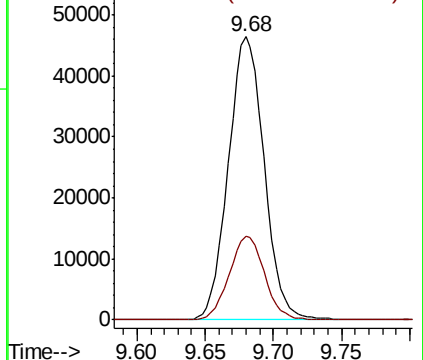
63 100

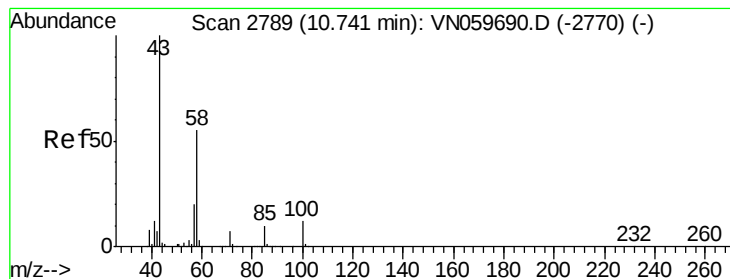
106 29.1 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN060020.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060020.D (-2366) (-)





#59

2-Hexanone

Concen: 108.238 ug/l

RT: 10.74 min Scan# 2789

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

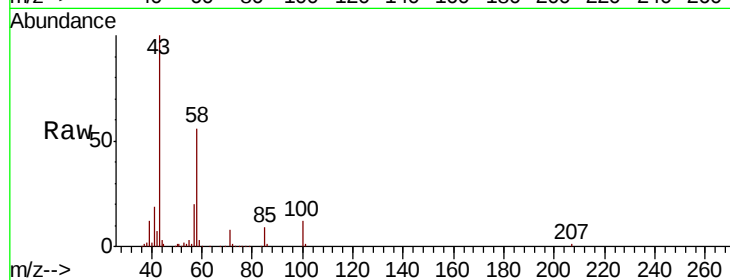
ClientSampled :

Tot Ion: 43 Resp: 174151

Ion Ratio Lower Upper

43 100

58 55.6 25.8 77.3



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-2770) (-)

Ion 58.00 (57.70 to 58.70): VN059690.D (-2770) (-)

10.74

100000

80000

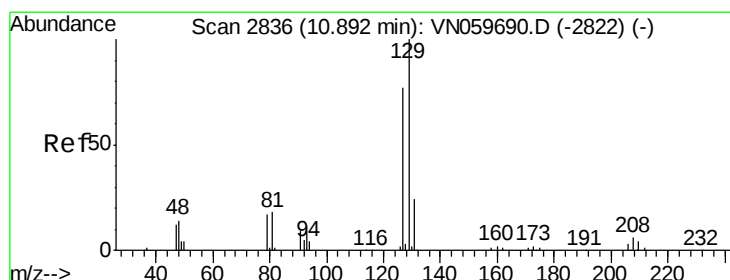
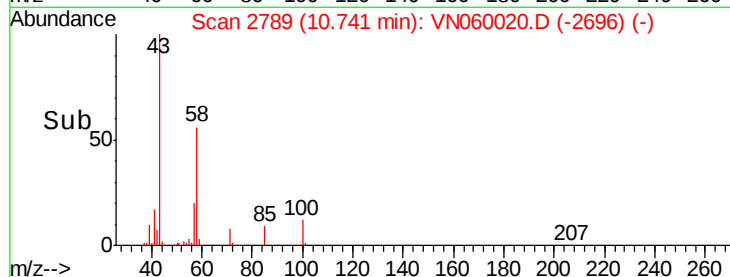
60000

40000

20000

0

Time-->



#60

Dibromochloromethane

Concen: 21.521 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN060020.D

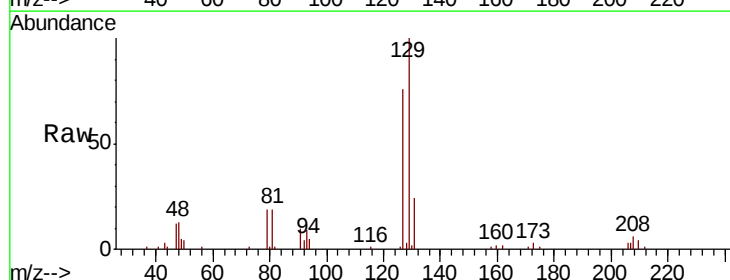
Acq: 7 Feb 2020 10:49

Tgt Ion: 129 Resp: 42822

Ion Ratio Lower Upper

129 100

127 75.4 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): VN059690.D (-2822) (-)

Ion 126.80 (126.50 to 127.50): VN059690.D (-2822) (-)

10.89

25000

20000

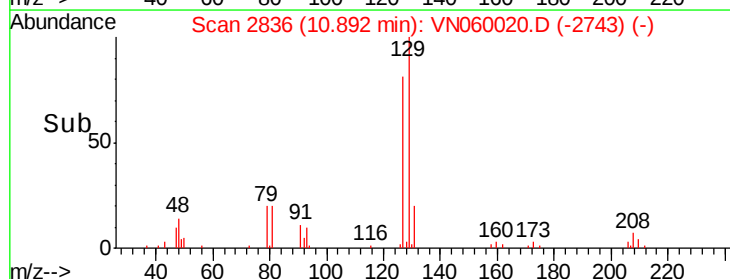
15000

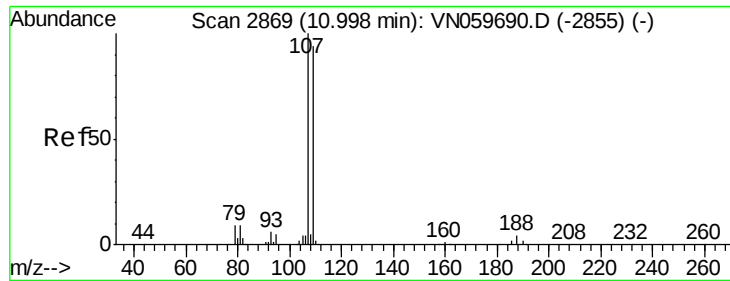
10000

5000

0

Time-->

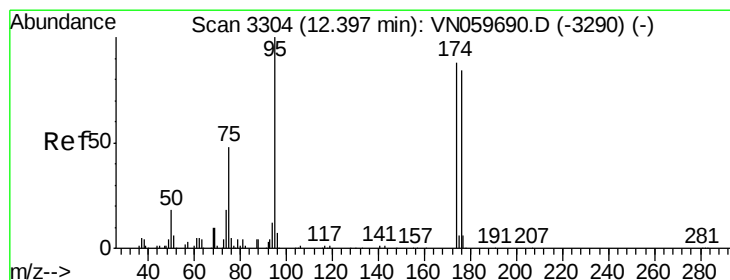
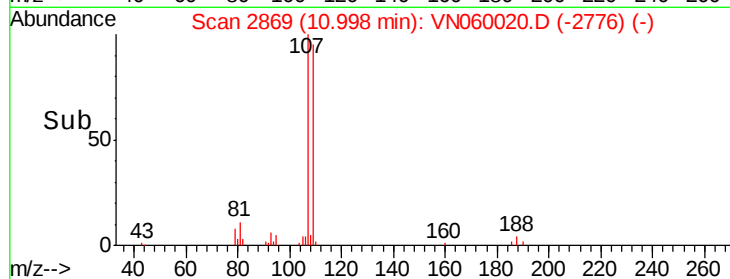
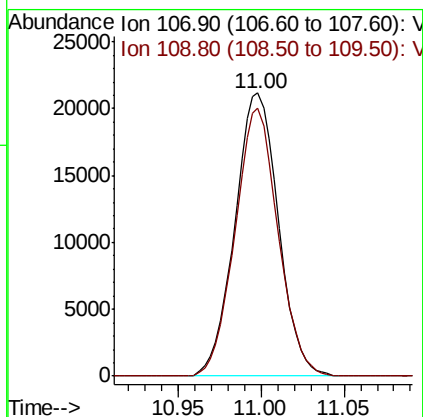
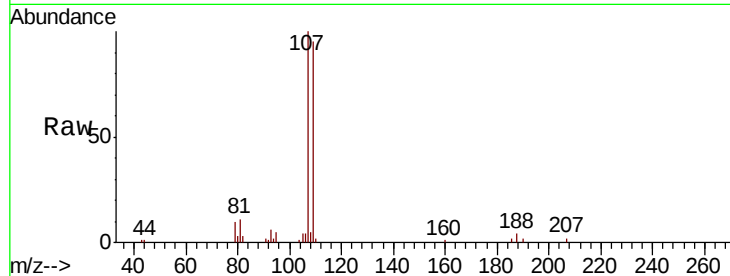




#61  
 1,2-Dibromoethane  
 Concen: 21.048 ug/l  
 RT: 11.00 min Scan# 2869  
 Delta R.T. 0.00 min  
 Lab File: VN060020.D  
 Acq: 7 Feb 2020 10:49

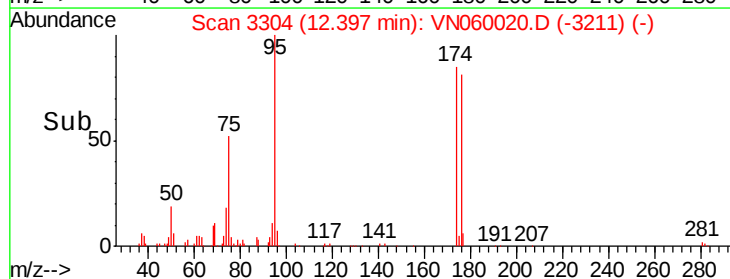
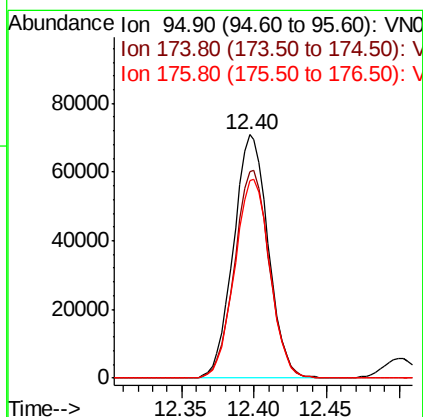
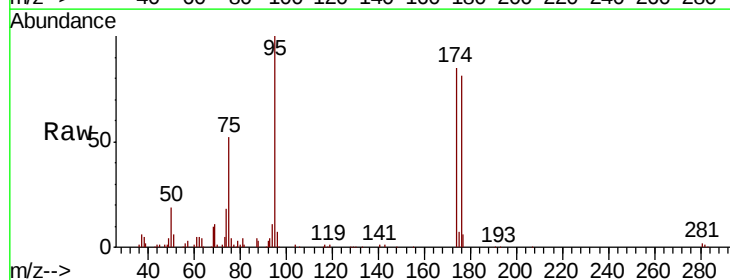
Instrument :  
 MSVOA\_N  
 ClientSampleId :

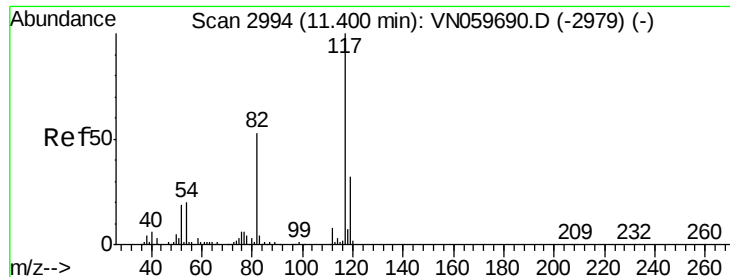
Tot Ion: 107 Resp: 38546  
 Ion Ratio Lower Upper  
 107 100  
 109 93.4 76.6 115.0



#62  
 4-Bromofluorobenzene  
 Concen: 52.602 ug/l  
 RT: 12.40 min Scan# 3304  
 Delta R.T. 0.00 min  
 Lab File: VN060020.D  
 Acq: 7 Feb 2020 10:49

Tgt Ion: 95 Resp: 117830  
 Ion Ratio Lower Upper  
 95 100  
 174 85.7 0.0 151.4  
 176 82.9 0.0 146.0

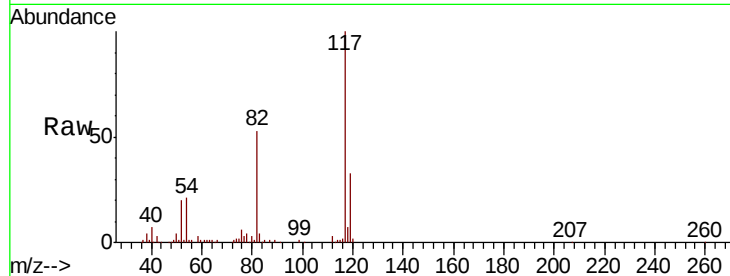




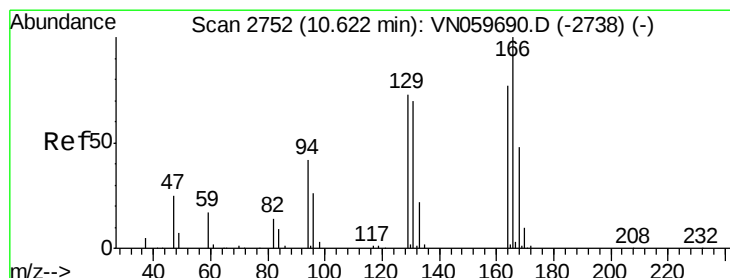
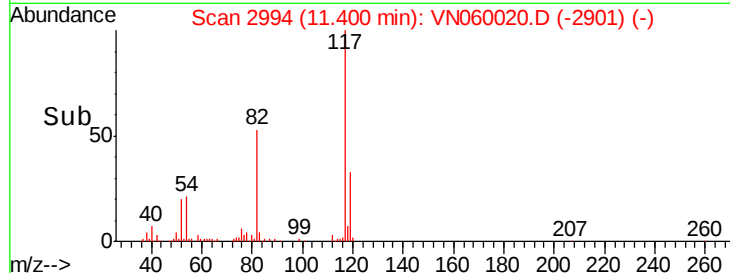
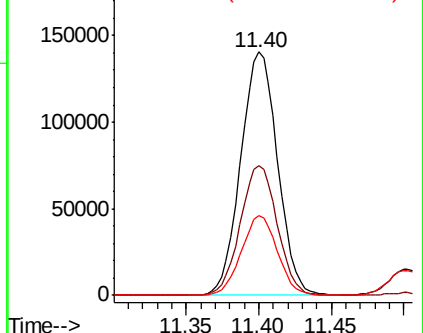
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.40 min Scan# 2994  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Instrument :  
MSVOA\_N  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.5  | 45.9  | 68.9  |
| 119     | 32.6  | 25.5  | 38.3  |



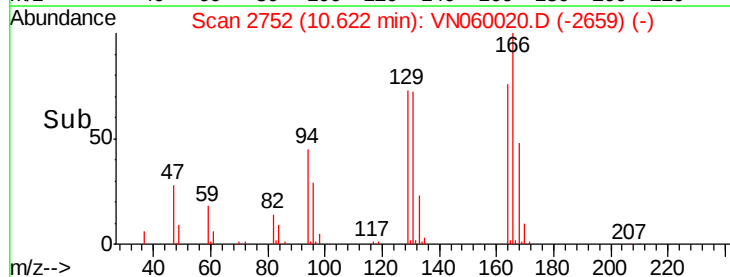
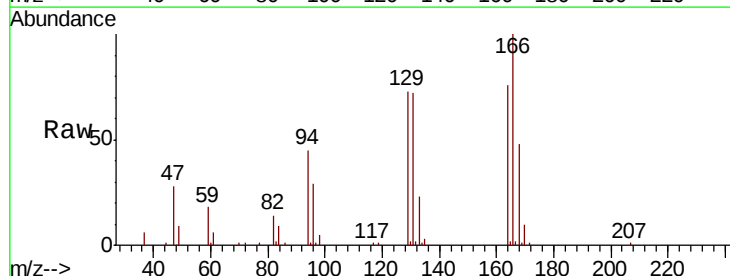
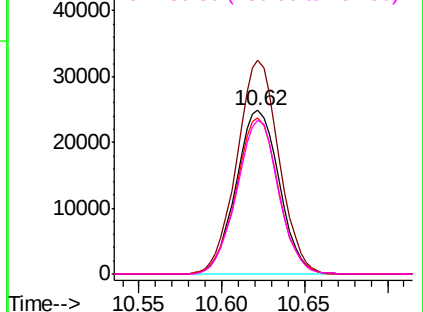
Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 22.237 ug/l  
RT: 10.62 min Scan# 2752  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 130.8 | 101.4 | 152.0 |
| 129     | 95.3  | 80.2  | 120.4 |
| 131     | 94.4  | 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

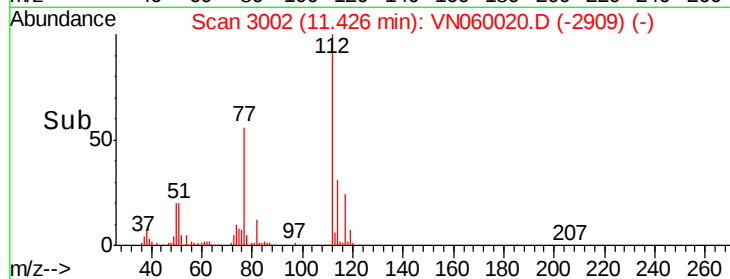
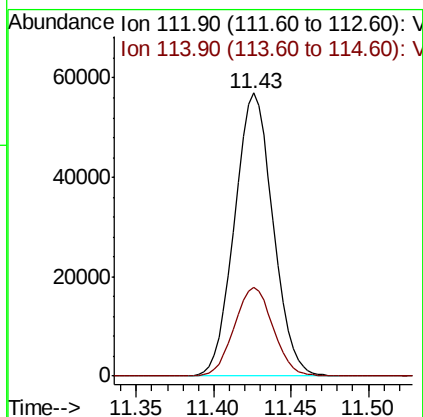
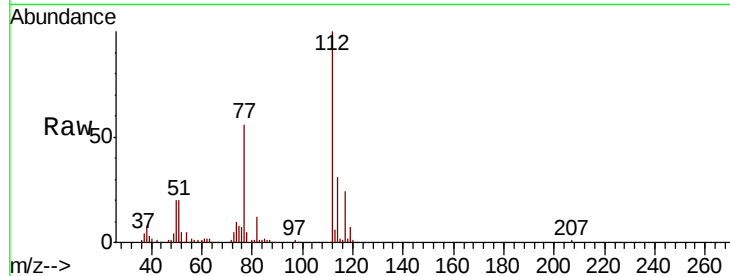




#65  
Chlorobenzene  
Concen: 20.154 ug/l  
RT: 11.43 min Scan# 3002  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

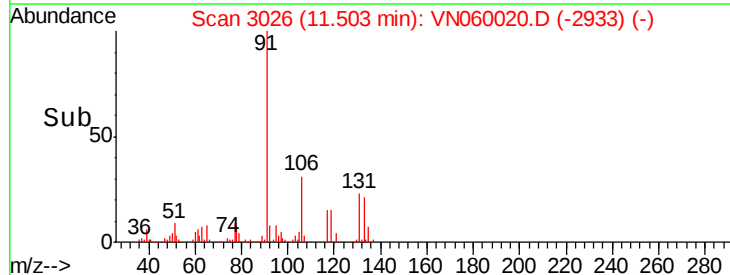
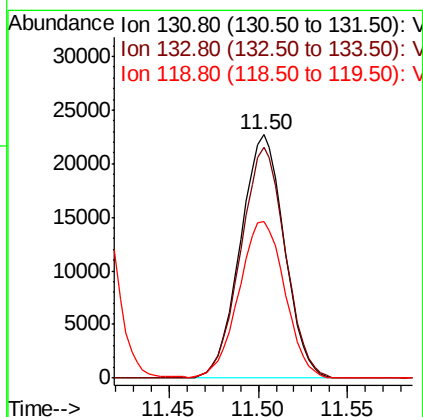
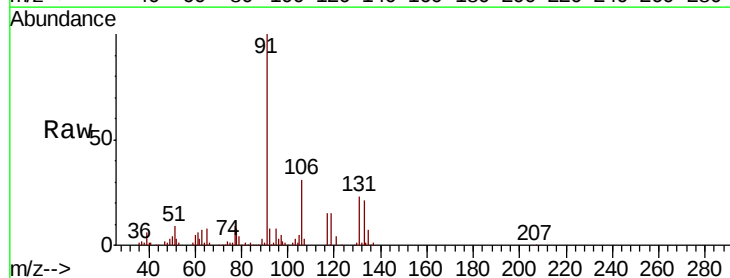
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:112 Resp: 98372  
Ion Ratio Lower Upper  
112 100  
114 31.2 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.718 ug/l  
RT: 11.50 min Scan# 3026  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion:131 Resp: 39074  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.4 142.2  
119 67.1 33.1 99.3





#67

Ethyl Benzene

Concen: 19.605 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

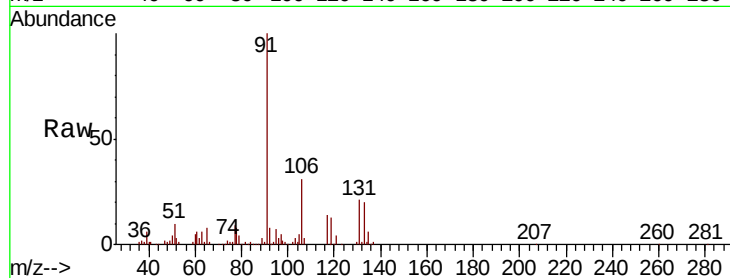
ClientSampled :

Tot Ion: 91 Resp: 173713

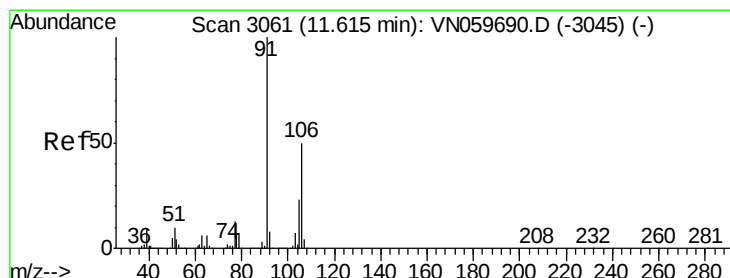
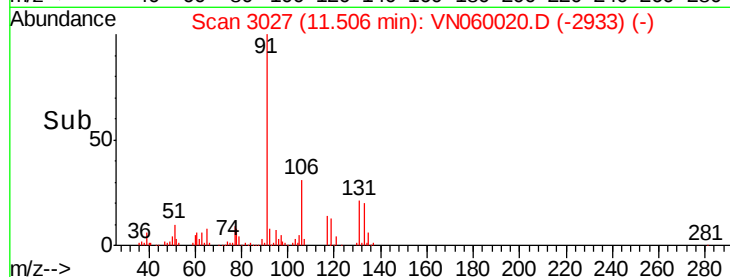
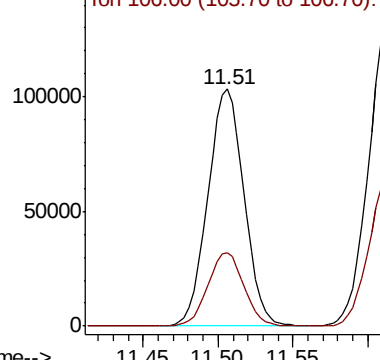
Ion Ratio Lower Upper

91 100

106 31.1 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN060020.D (-2933) (-)



#68

m/p-Xylenes

Concen: 38.305 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060020.D

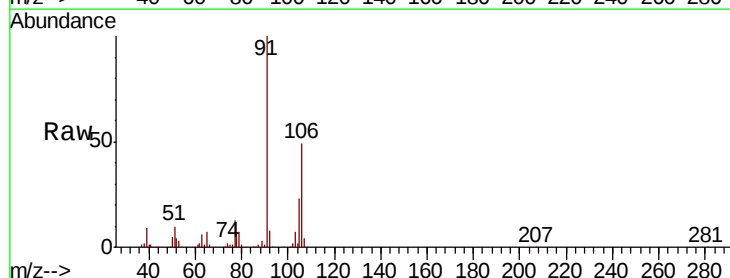
Acq: 7 Feb 2020 10:49

Tgt Ion: 106 Resp: 128205

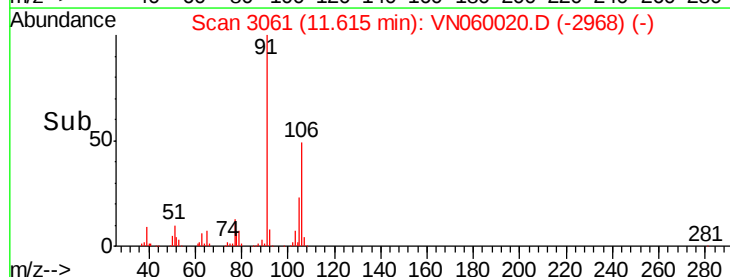
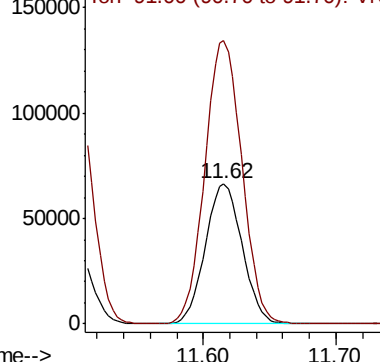
Ion Ratio Lower Upper

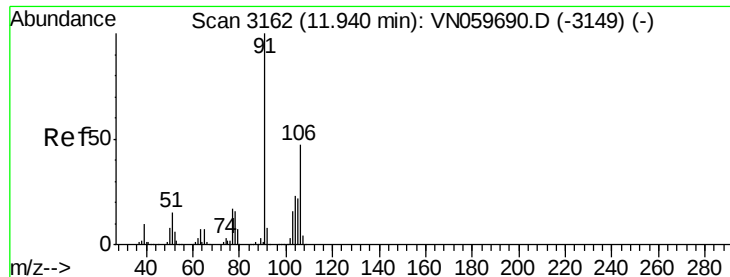
106 100

91 202.8 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN060020.D (-2968) (-)

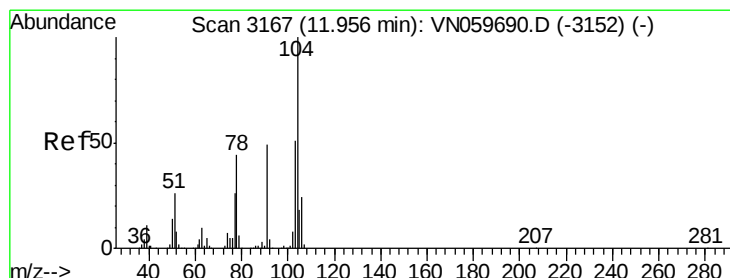
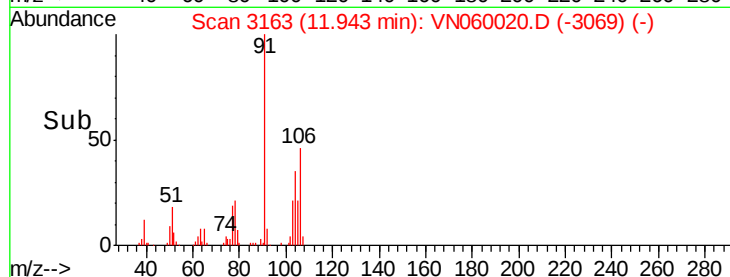
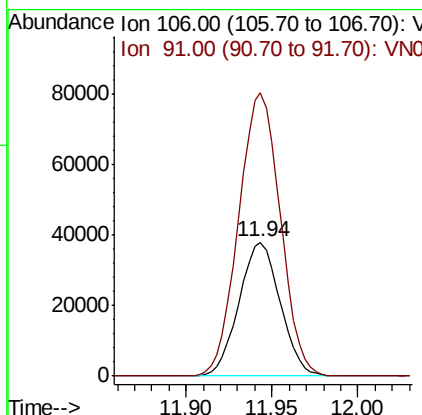
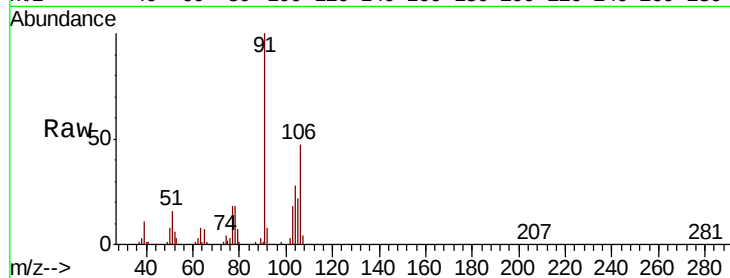




#69  
o-Xylene  
Concen: 19.284 ug/l  
RT: 11.94 min Scan# 3163  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

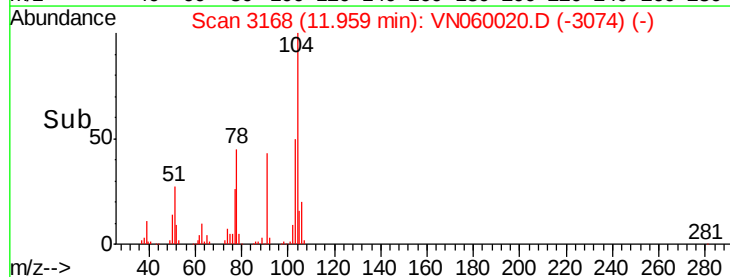
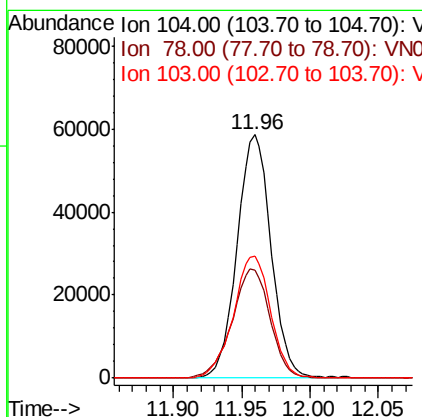
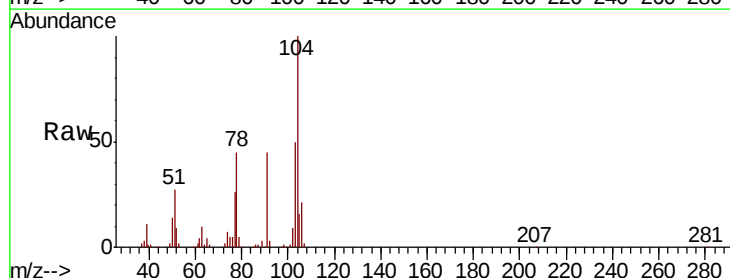
Instrument :  
MSVOA\_N  
ClientSampleId :

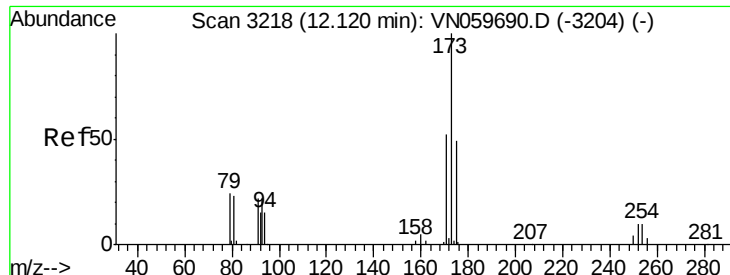
Tot Ion:106 Resp: 63189  
Ion Ratio Lower Upper  
106 100  
91 214.4 110.3 330.9



#70  
Styrene  
Concen: 18.465 ug/l  
RT: 11.96 min Scan# 3168  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion:104 Resp: 101243  
Ion Ratio Lower Upper  
104 100  
78 50.1 42.4 63.6  
103 55.0 43.9 65.9

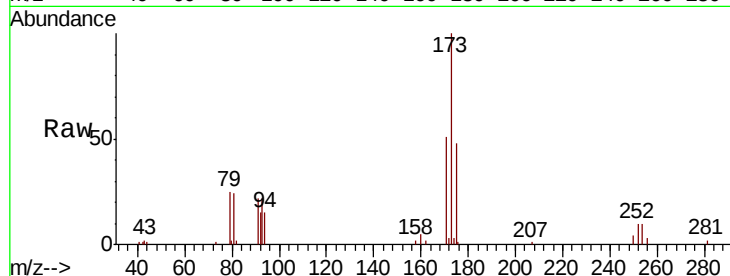




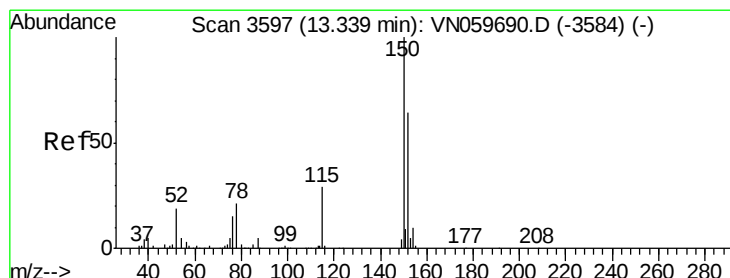
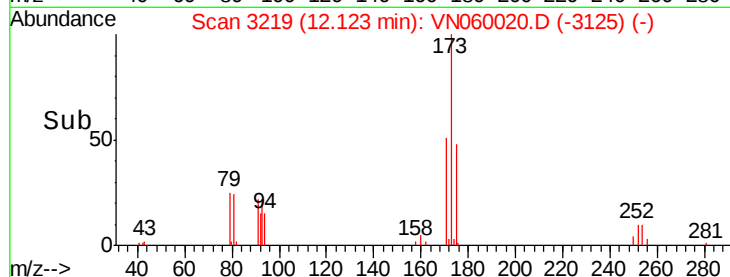
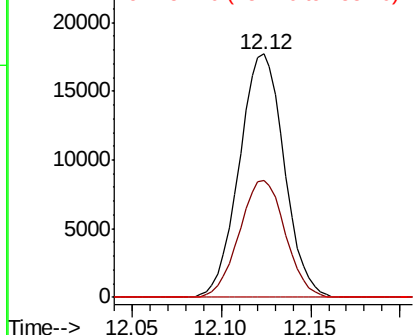
#71  
Bromoform  
Concen: 20.588 ug/l  
RT: 12.12 min Scan# 3219  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:173 Resp: 31103  
Ion Ratio Lower Upper  
173 100  
175 49.0 23.8 71.4  
254 0.0 0.0 0.0

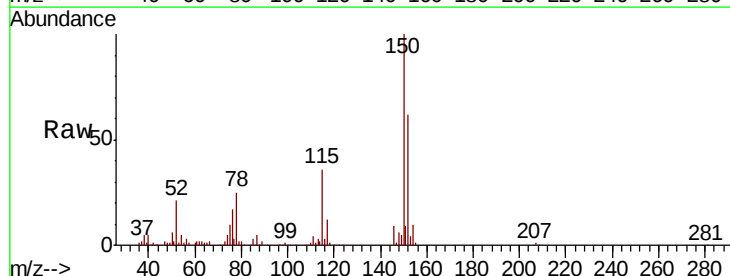


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

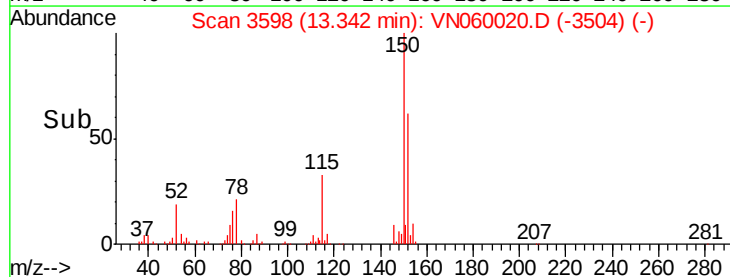
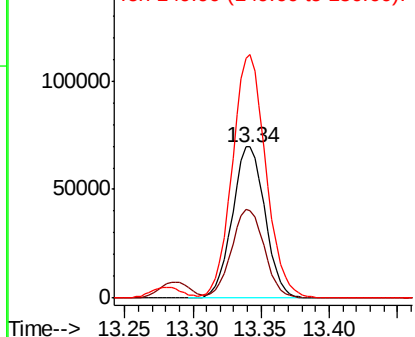


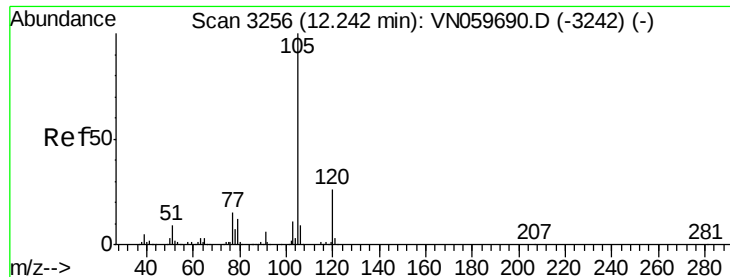
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.34 min Scan# 3598  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion:152 Resp: 116071  
Ion Ratio Lower Upper  
152 100  
115 58.9 30.3 90.9  
150 164.4 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: 20.116 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

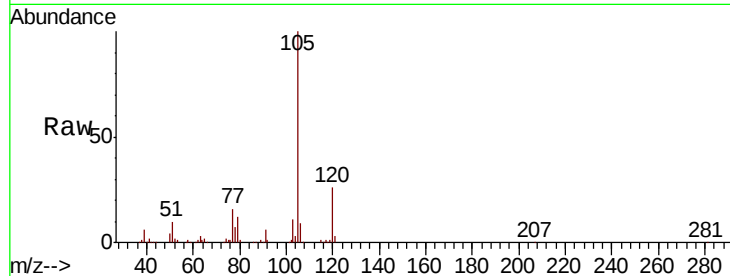
ClientSampled :

Tot Ion:105 Resp: 171239

Ion Ratio Lower Upper

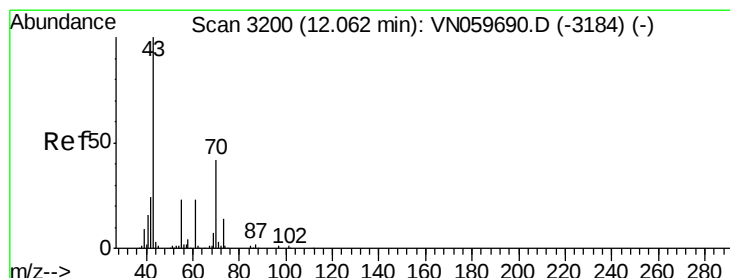
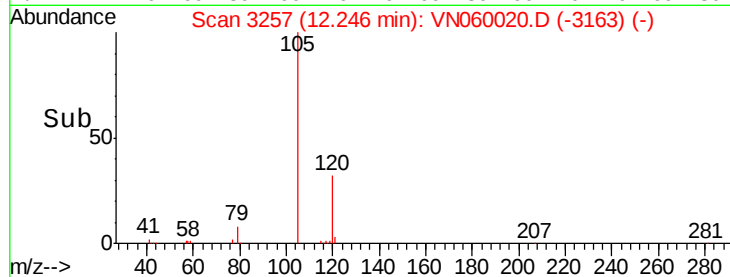
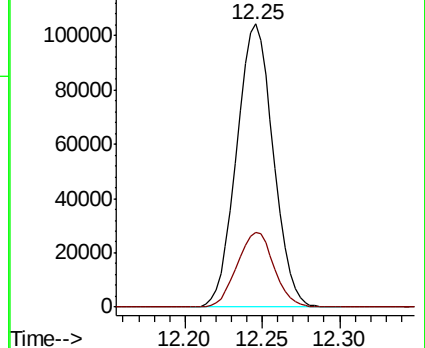
105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.575 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Tgt Ion: 43 Resp: 64660

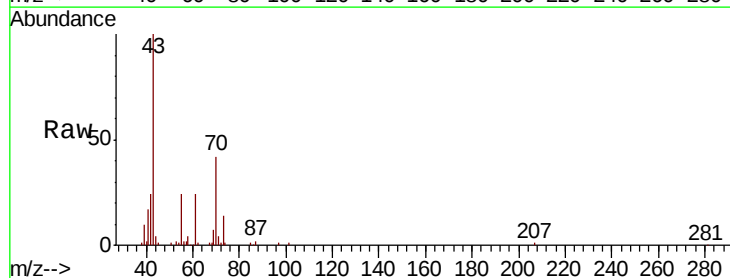
Ion Ratio Lower Upper

43 100

70 42.4 31.3 46.9

55 24.3 19.8 29.6

61 23.2 18.3 27.5

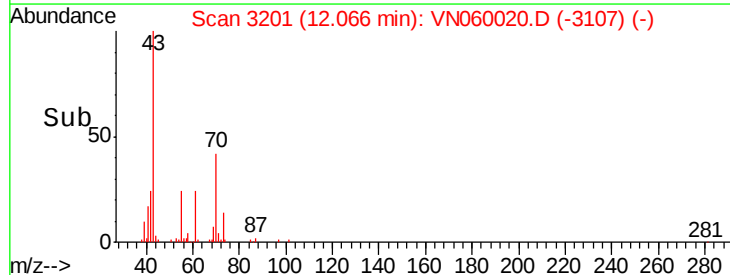
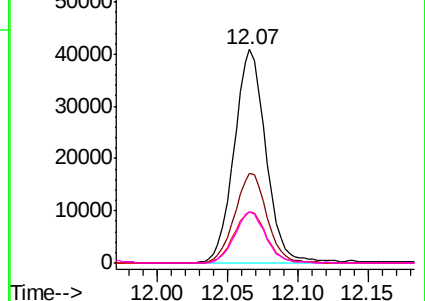


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.443 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

ClientSampleId :

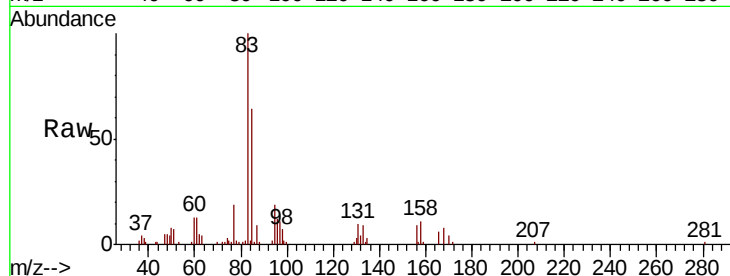
Tot Ion: 83 Resp: 52916

Ion Ratio Lower Upper

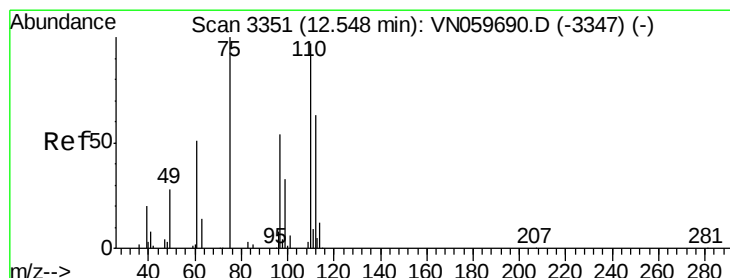
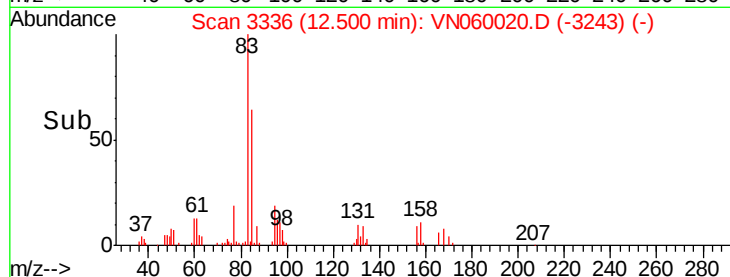
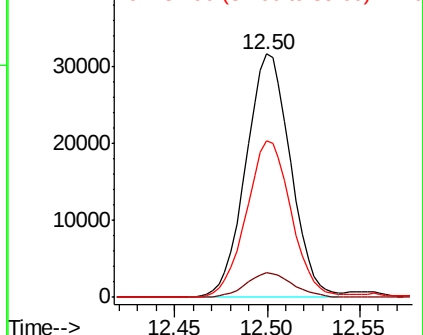
83 100

131 10.4 5.0 14.9

85 64.6 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 36.651 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN060020.D

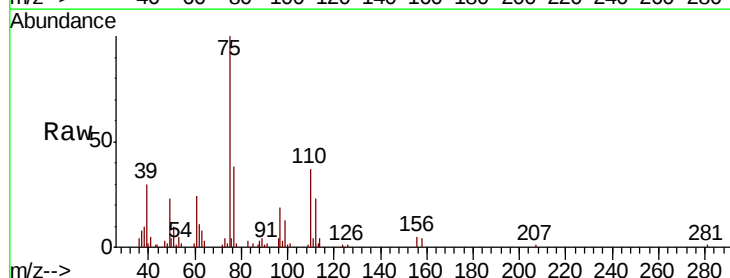
Acq: 7 Feb 2020 10:49

Tgt Ion: 75 Resp: 71592

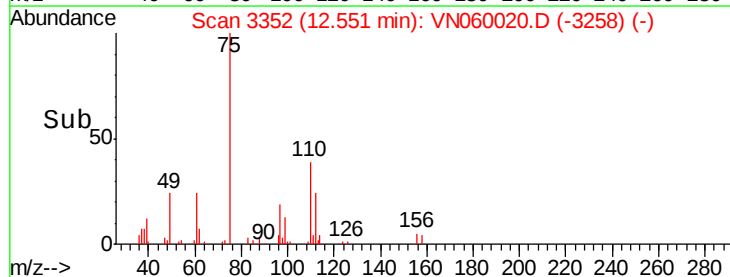
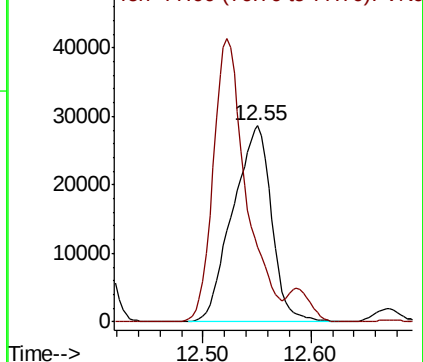
Ion Ratio Lower Upper

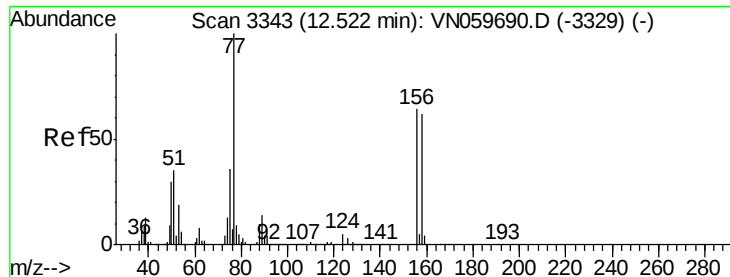
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0  
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.941 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

ClientSampled :

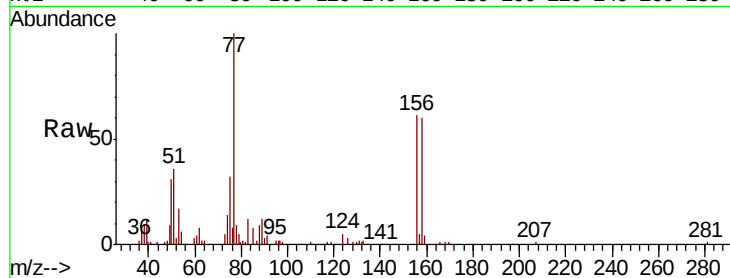
Tot Ion:156 Resp: 42988

Ion Ratio Lower Upper

156 100

77 203.4 115.8 347.4

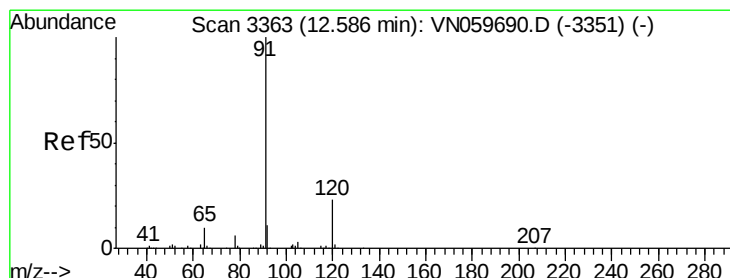
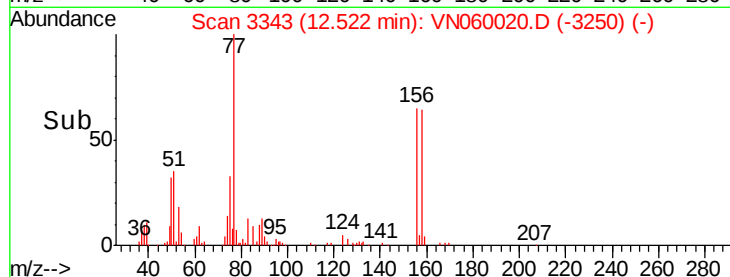
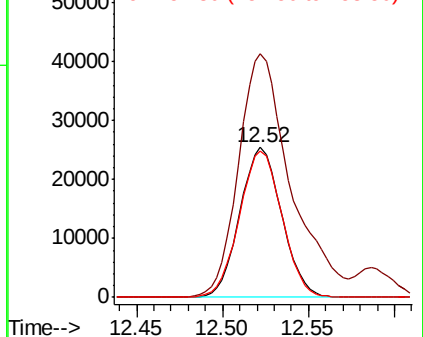
158 99.1 49.2 147.6



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: 20.081 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060020.D

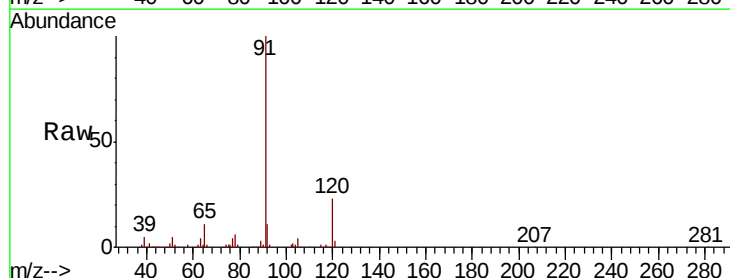
Acq: 7 Feb 2020 10:49

Tgt Ion: 91 Resp: 191866

Ion Ratio Lower Upper

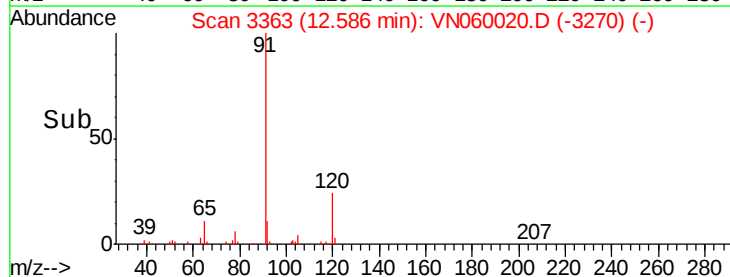
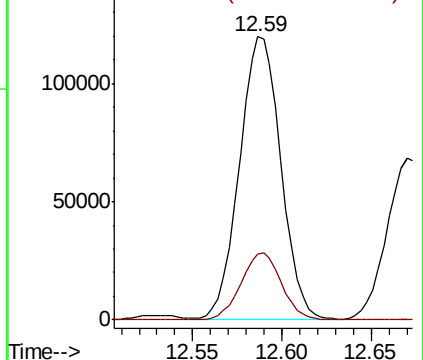
91 100

120 23.3 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: 20.006 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

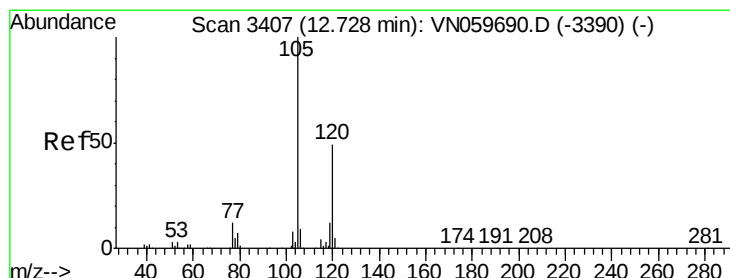
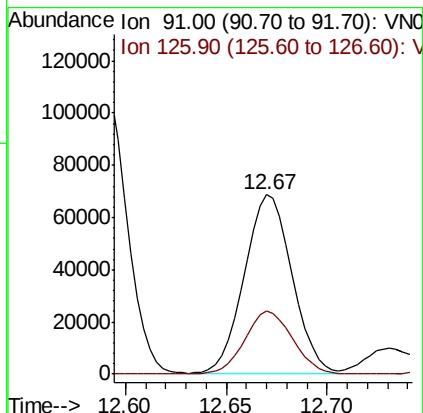
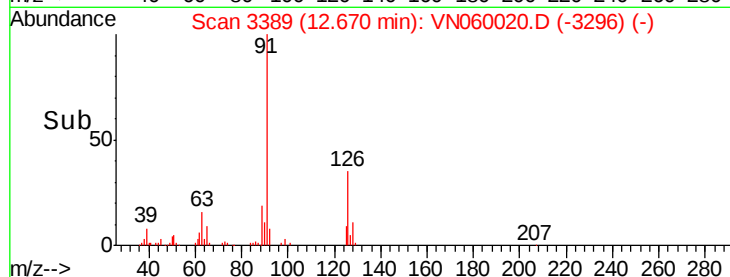
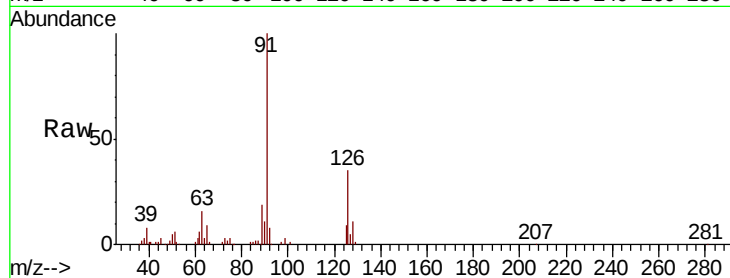
ClientSampled :

Tot Ion: 91 Resp: 113712

Ion Ratio Lower Upper

91 100

126 35.4 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 19.956 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060020.D

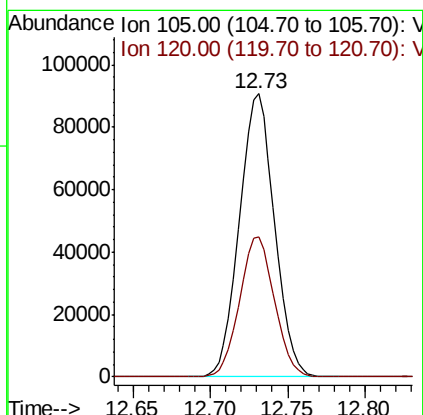
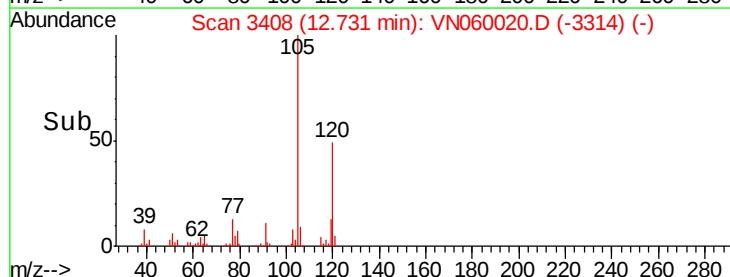
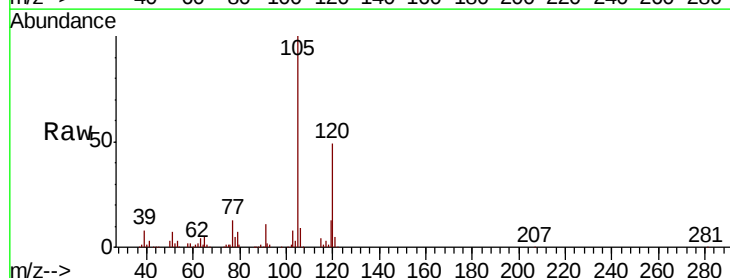
Acq: 7 Feb 2020 10:49

Tgt Ion: 105 Resp: 142868

Ion Ratio Lower Upper

105 100

120 49.2 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 20.534 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

ClientSampleId :

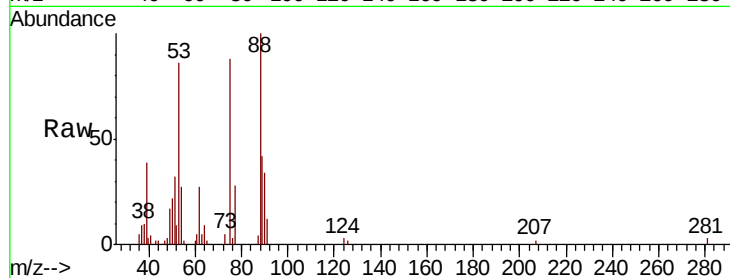
Tot Ion: 75 Resp: 18678

Ion Ratio Lower Upper

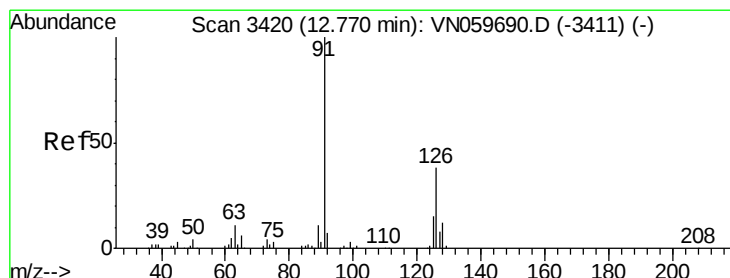
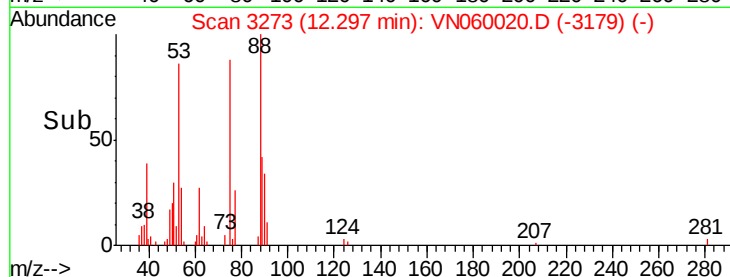
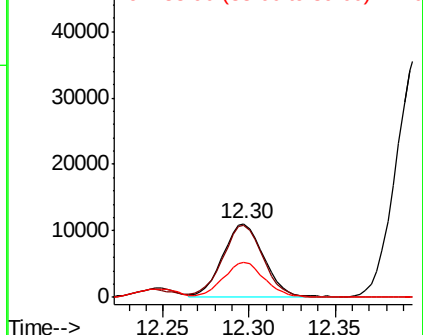
75 100

53 95.5 78.1 117.1

89 46.8 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0  
Ion 53.00 (52.70 to 53.70): VN0  
Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.828 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060020.D

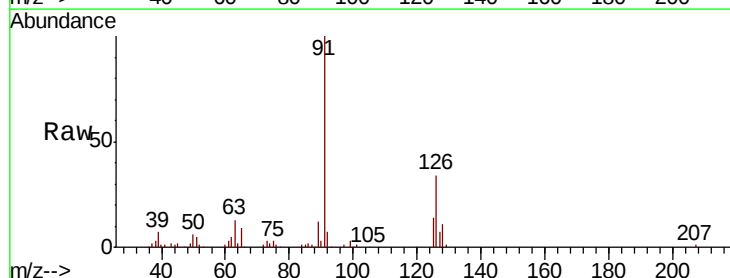
Acq: 7 Feb 2020 10:49

Tgt Ion: 91 Resp: 118745

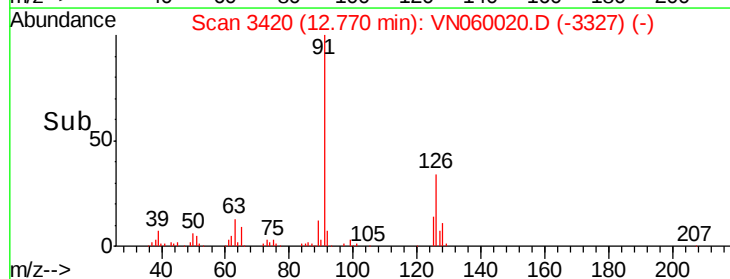
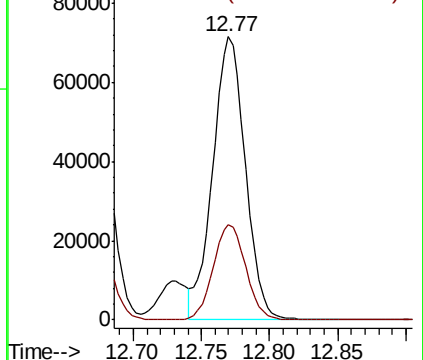
Ion Ratio Lower Upper

91 100

126 33.5 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0  
Ion 125.90 (125.60 to 126.60): V

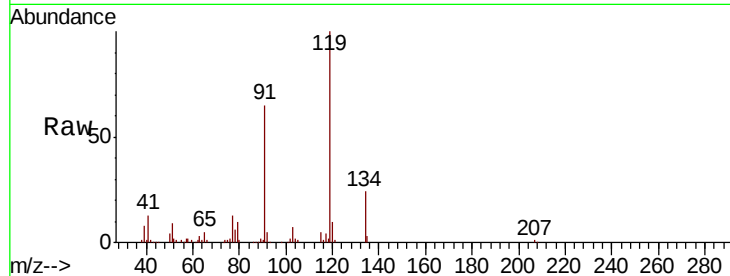




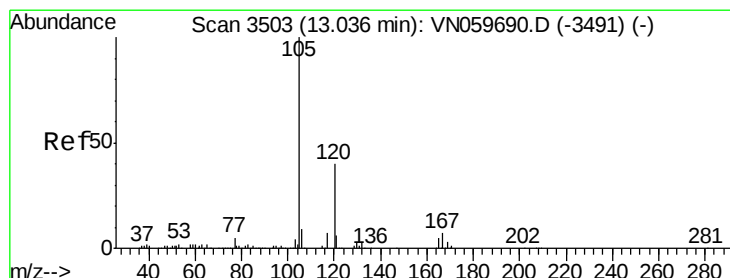
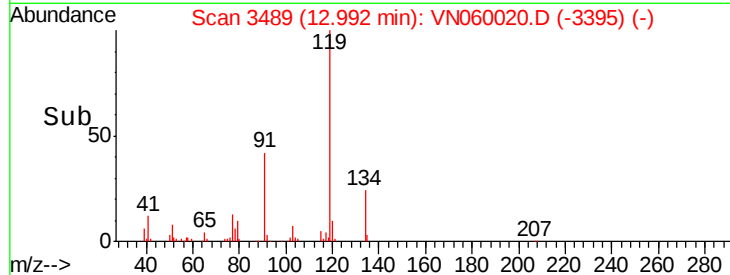
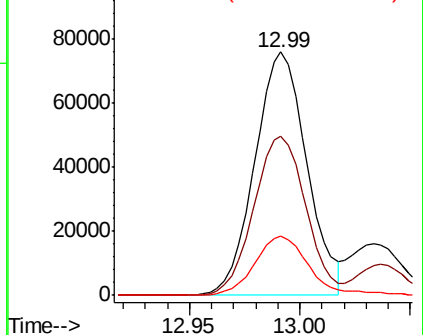
#83  
tert-Butylbenzene  
Concen: 20.054 ug/l  
RT: 12.99 min Scan# 3489  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:119 Resp: 124169  
Ion Ratio Lower Upper  
119 100  
91 65.8 34.8 104.4  
134 25.2 12.3 36.9

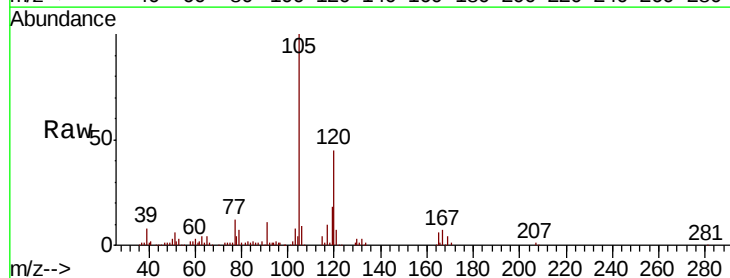


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

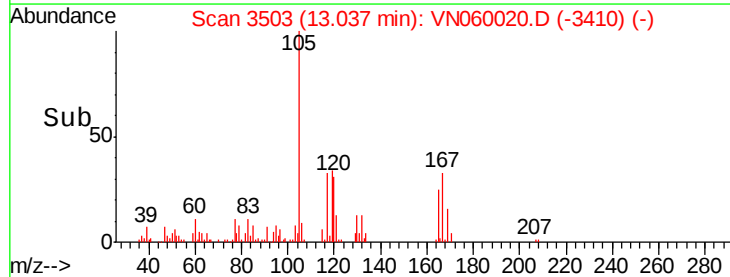
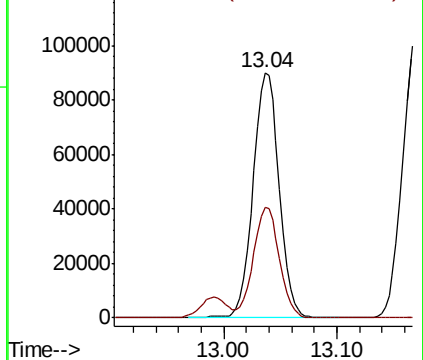


#84  
1,2,4-Trimethylbenzene  
Concen: 20.335 ug/l  
RT: 13.04 min Scan# 3503  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion:105 Resp: 144024  
Ion Ratio Lower Upper  
105 100  
120 44.7 22.3 66.9



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

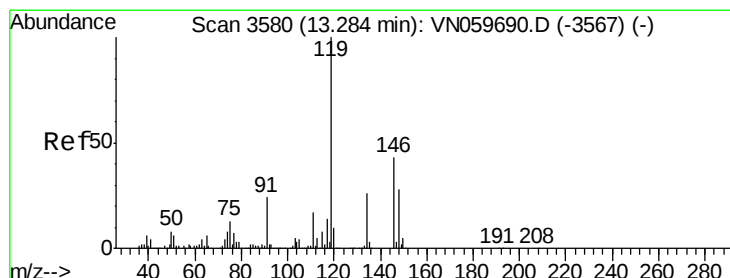
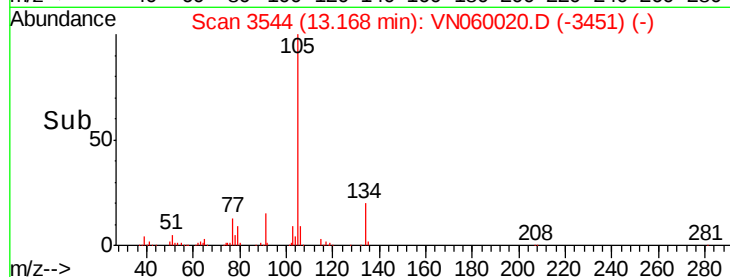
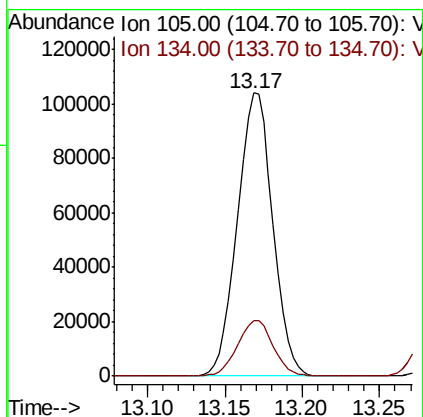
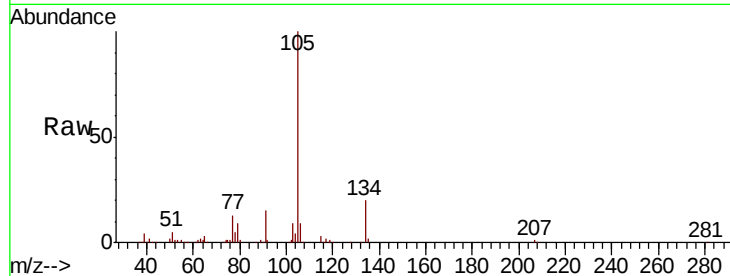




#85  
 sec-Butylbenzene  
 Concen: 20.337 ug/l  
 RT: 13.17 min Scan# 3544  
 Delta R.T. 0.00 min  
 Lab File: VN060020.D  
 Acq: 7 Feb 2020 10:49

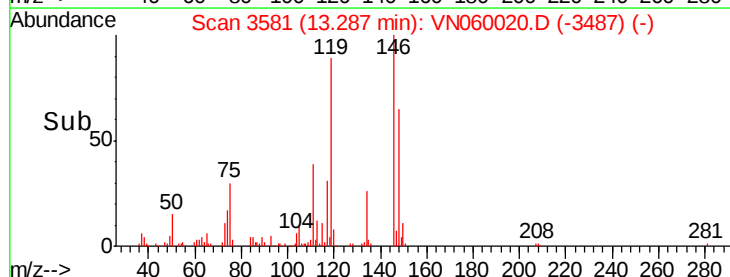
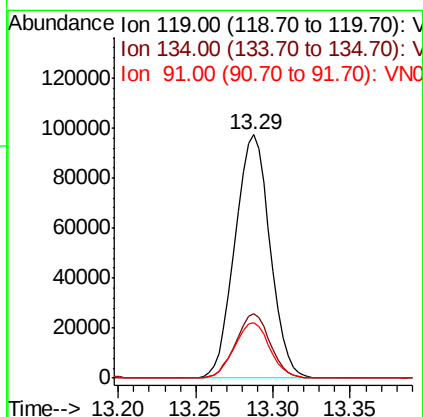
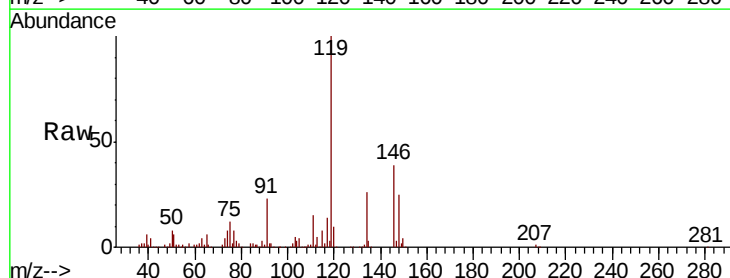
Instrument :  
 MSVOA\_N  
 ClientSampled :

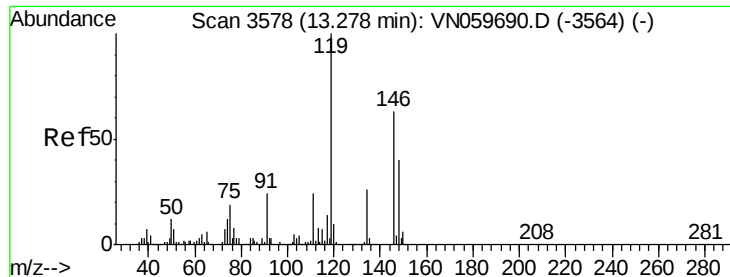
Tot Ion:105 Resp: 165439  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.8 29.5



#86  
 p-Isopropyltoluene  
 Concen: 20.348 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. 0.00 min  
 Lab File: VN060020.D  
 Acq: 7 Feb 2020 10:49

Tgt Ion:119 Resp: 153165  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 12.9 38.7  
 91 23.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.146 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

ClientSampleId :

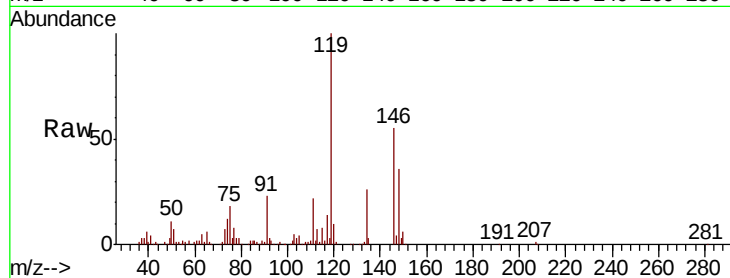
Tot Ion:146 Resp: 75437

Ion Ratio Lower Upper

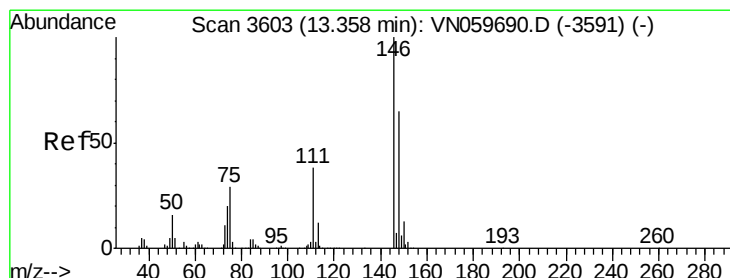
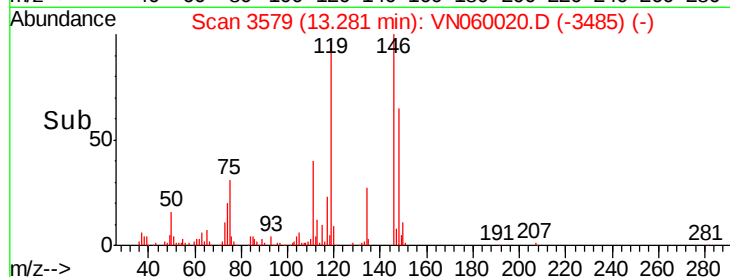
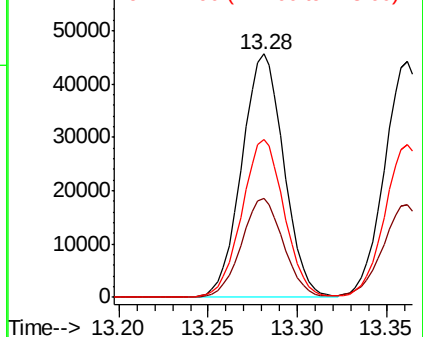
146 100

111 40.4 20.8 62.2

148 65.1 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: 20.081 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

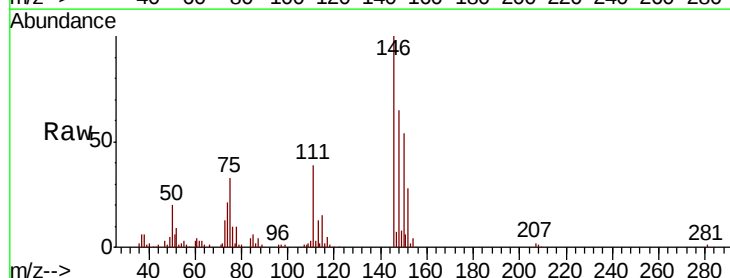
Tgt Ion:146 Resp: 75013

Ion Ratio Lower Upper

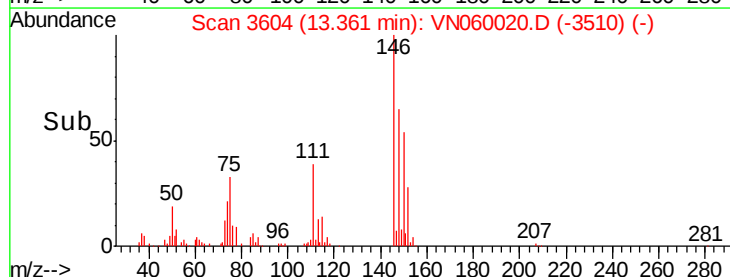
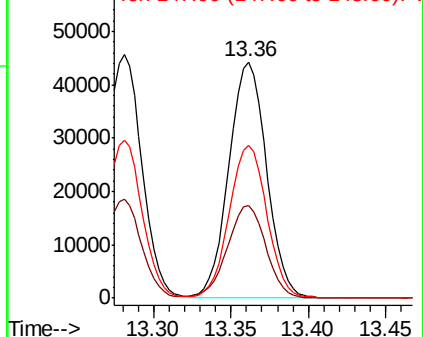
146 100

111 40.2 20.8 62.2

148 64.8 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

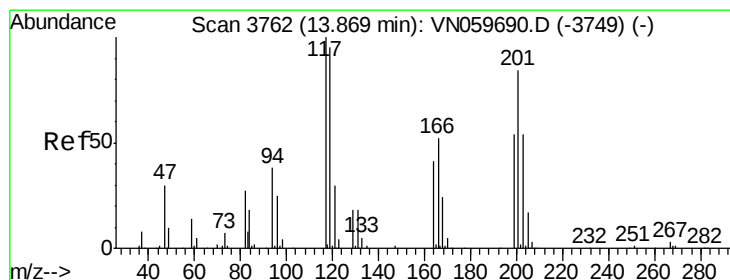
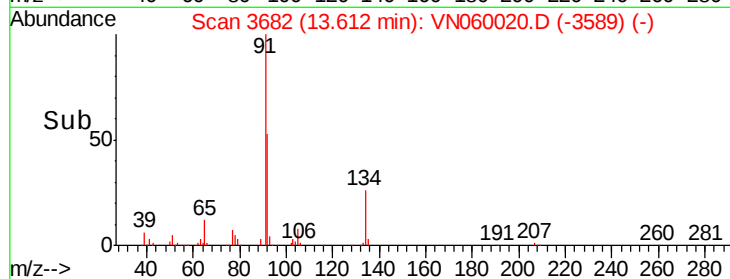
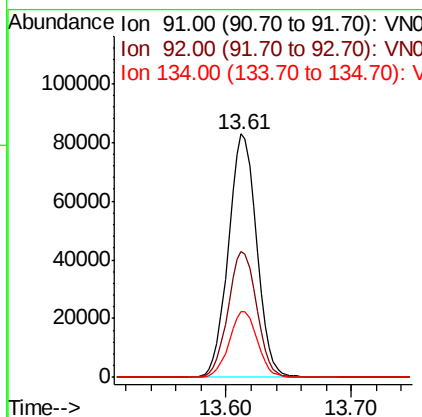
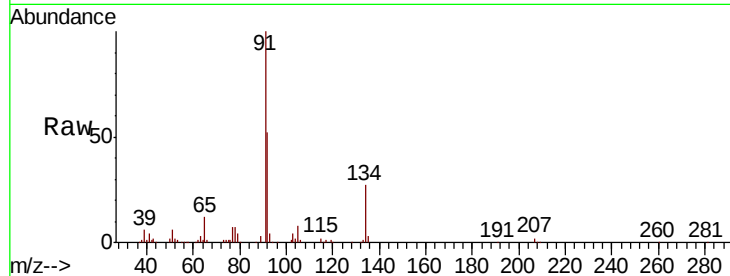




#89  
n-Butylbenzene  
Concen: 20.183 ug/l  
RT: 13.61 min Scan# 3682  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

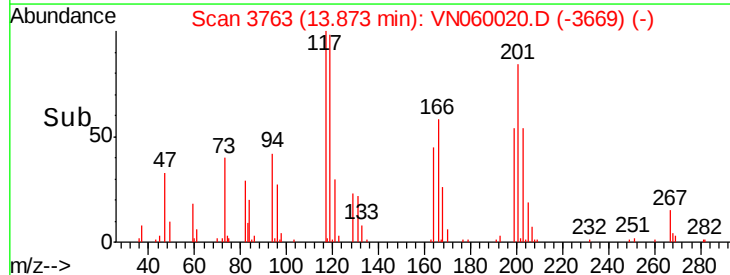
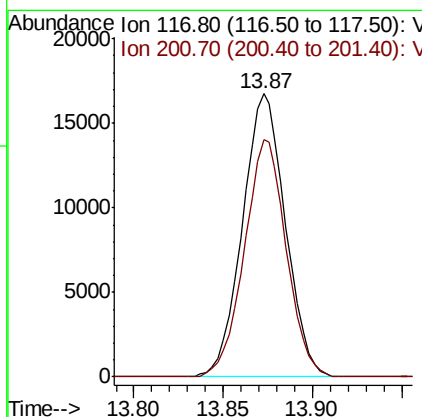
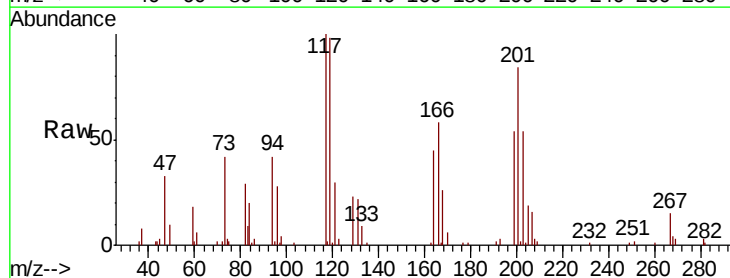
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 91 Resp: 129538  
Ion Ratio Lower Upper  
91 100  
92 52.4 25.9 77.7  
134 27.0 12.3 36.8



#90  
Hexachloroethane  
Concen: 19.975 ug/l  
RT: 13.87 min Scan# 3763  
Delta R.T. 0.00 min  
Lab File: VN060020.D  
Acq: 7 Feb 2020 10:49

Tgt Ion: 117 Resp: 28131  
Ion Ratio Lower Upper  
117 100  
201 81.9 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 20.483 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060020.D

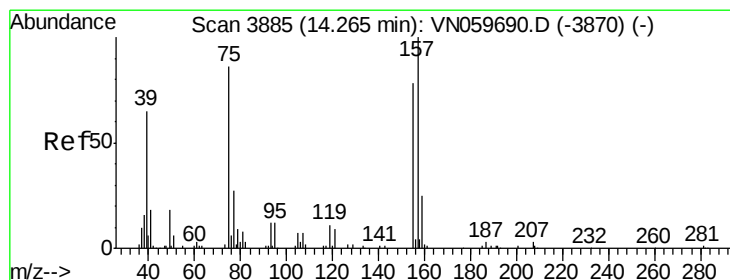
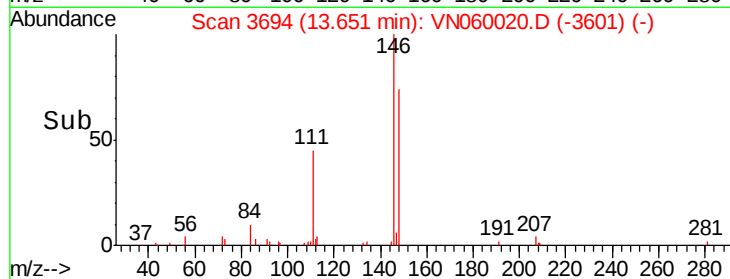
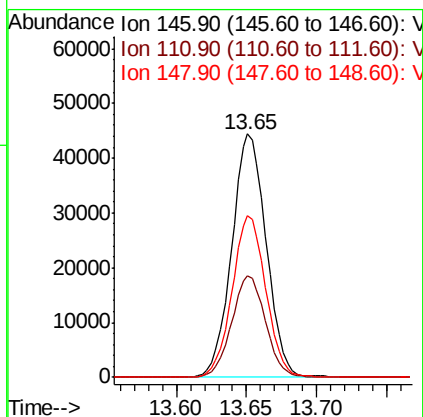
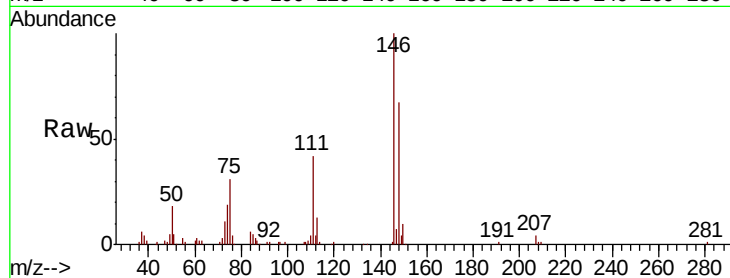
Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 146   | Resp: | 75827 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 40.9  | 21.6  | 64.8  |
| 148      | 65.0  | 31.6  | 95.0  |



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.111 ug/l

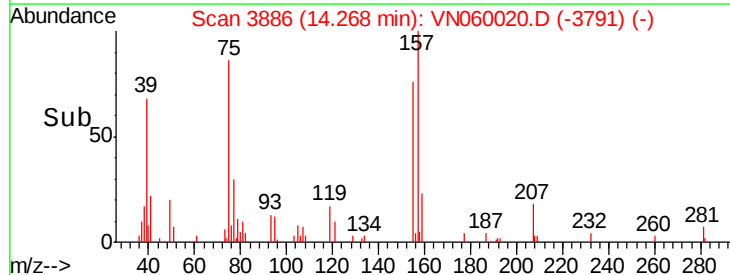
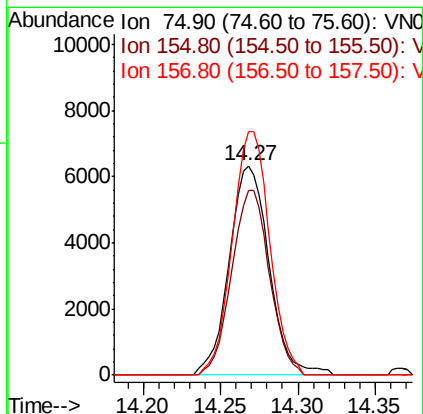
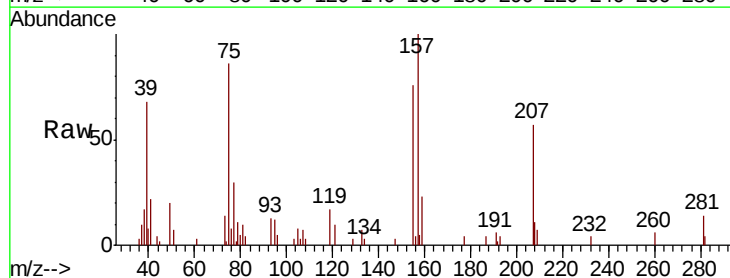
RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 11314 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 83.6  | 37.0  | 110.9 |
| 157      | 109.3 | 48.4  | 145.2 |

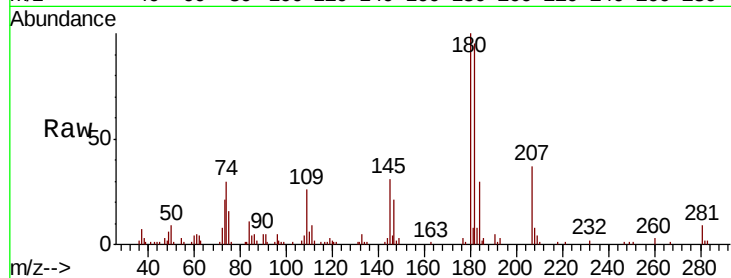




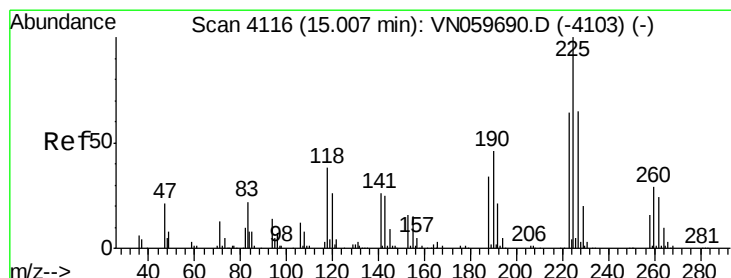
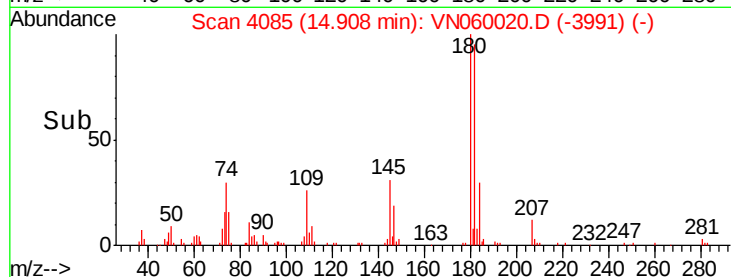
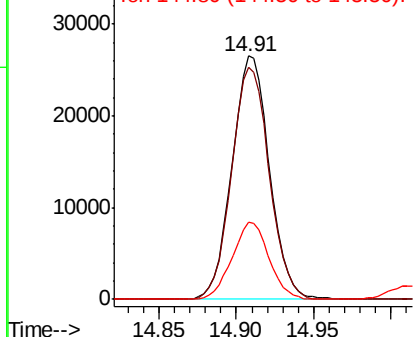
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.024 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN060020.D  
 Acq: 7 Feb 2020 10:49

Instrument :  
 MSVOA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.8  | 46.9  | 140.7 |
| 145     | 30.9  | 15.0  | 45.1  |

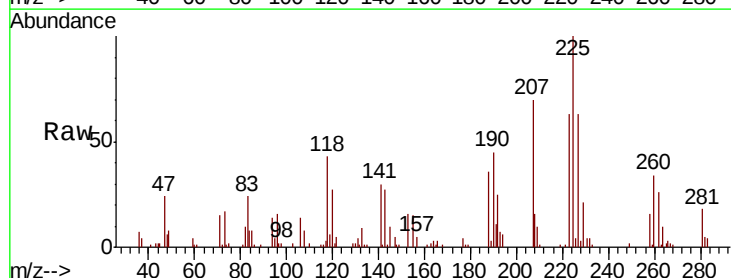


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

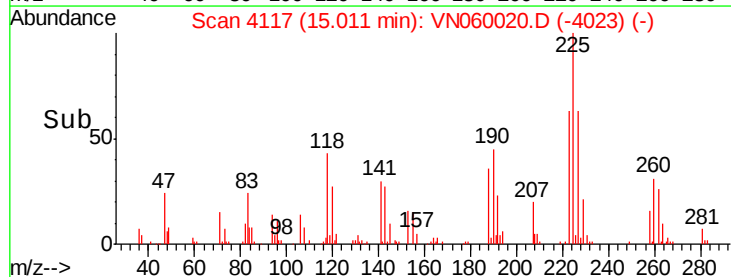
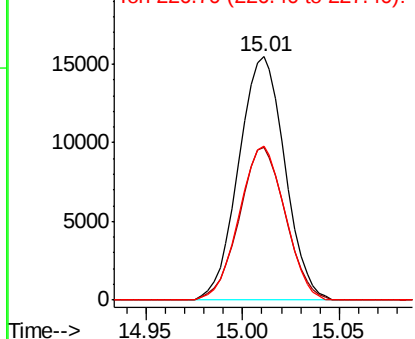


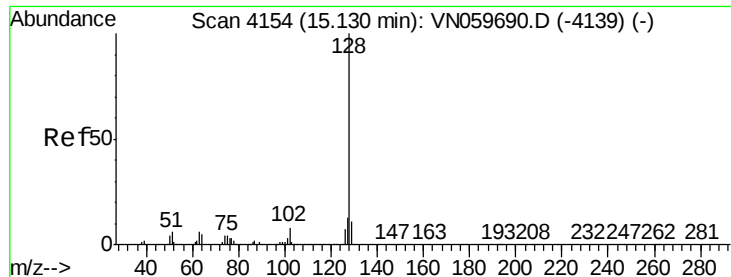
#94  
 Hexachlorobutadiene  
 Concen: 20.954 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN060020.D  
 Acq: 7 Feb 2020 10:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.6  | 31.8  | 95.3  |
| 227     | 62.8  | 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: 20.214 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

Instrument :

MSVOA\_N

ClientSampled :

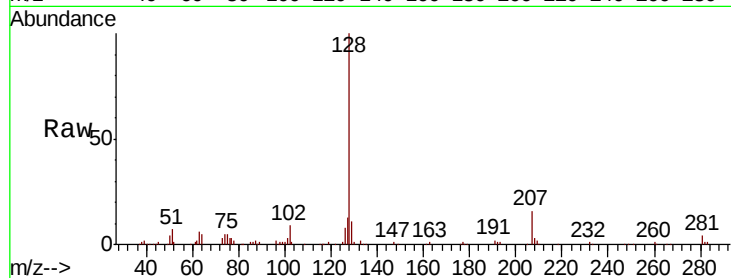
Tot Ion:128 Resp: 127896

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.6 8.6 12.8

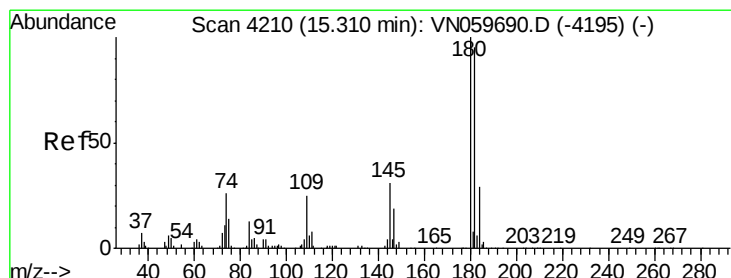
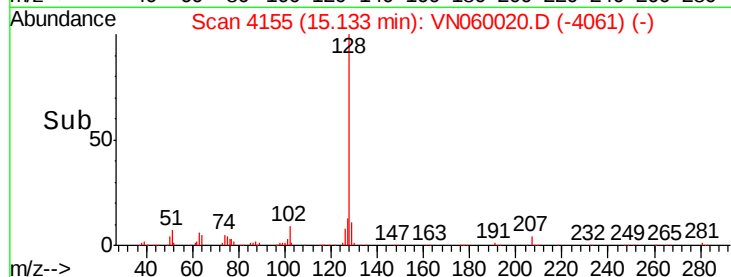
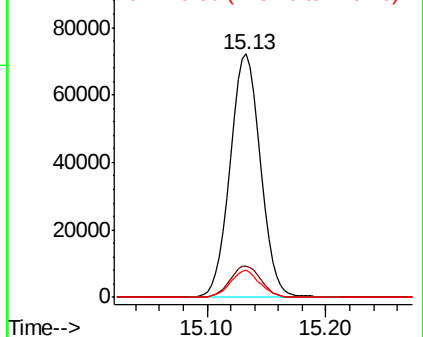


Abundance

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: 21.015 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN060020.D

Acq: 7 Feb 2020 10:49

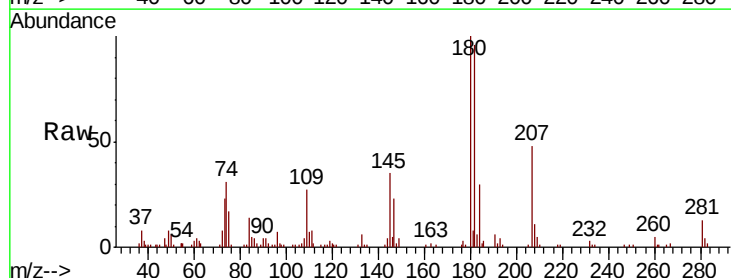
Tgt Ion:180 Resp: 45502

Ion Ratio Lower Upper

180 100

182 93.9 47.4 142.3

145 33.3 16.3 48.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

