

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\  
 Data File : VN058699.D  
 Acq On : 11 Oct 2019 13:20  
 Operator : JC/SP  
 Sample : VSTDICC150  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 11 23:34:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101319W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 11 23:28:43 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 463062   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 753648   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 713129   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 372198   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.01   | 65  | 935152   | 139.64 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 279.28% |      |
| 35) Dibromofluoromethane  | 7.57   | 113 | 686922   | 149.02 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 298.04% |      |
| 50) Toluene-d8            | 10.08  | 98  | 2695534  | 148.82 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 297.64% |      |
| 62) 4-Bromofluorobenzene  | 12.40  | 95  | 1093648  | 165.21 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 330.42% |      |

## Target Compounds

|                               |      |     |         |          |        | Qvalue |
|-------------------------------|------|-----|---------|----------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85  | 867502  | 167.129  | ug/l   | 99     |
| 3) Chloromethane              | 2.04 | 50  | 977878  | 169.086  | ug/l   | 100    |
| 4) Vinyl Chloride             | 2.17 | 62  | 1038838 | 182.743  | ug/l   | 99     |
| 5) Bromomethane               | 2.52 | 94  | 597964  | 191.464  | ug/l   | 98     |
| 6) Chloroethane               | 2.67 | 64  | 616966  | 180.704  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 2.99 | 101 | 1200279 | 176.920  | ug/l   | 99     |
| 8) Diethyl Ether              | 3.39 | 74  | 444549  | 155.651  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.73 | 101 | 669452  | 149.769  | ug/l   | 98     |
| 10) Methyl Iodide             | 3.93 | 142 | 1005166 | 193.332  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 4.76 | 59  | 817370  | 1018.278 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 3.71 | 96  | 657684  | 150.934  | ug/l   | 95     |
| 13) Acrolein                  | 3.58 | 56  | 663503  | 1840.654 | ug/l   | 100    |
| 14) Allyl chloride            | 4.30 | 41  | 1341795 | 166.409  | ug/l   | 98     |
| 15) Acrylonitrile             | 4.96 | 53  | 2092420 | 923.538  | ug/l   | 100    |
| 16) Acetone                   | 3.79 | 43  | 1912011 | 808.703  | ug/l   | 100    |
| 17) Carbon Disulfide          | 4.03 | 76  | 2108962 | 178.543  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.30 | 43  | 1022413 | 170.698  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.01 | 73  | 2444365 | 157.878  | ug/l   | 97     |
| 20) Methylene Chloride        | 4.53 | 84  | 778539  | 145.688  | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96  | 731885  | 150.489  | ug/l   | 99     |
| 22) Diisopropyl ether         | 5.93 | 45  | 2693057 | 156.779  | ug/l   | 96     |
| 23) Vinyl Acetate             | 5.87 | 43  | 9732324 | 745.146  | ug/l # | 87     |
| 24) 1,1-Dichloroethane        | 5.82 | 63  | 1465369 | 151.866  | ug/l   | 99     |
| 25) 2-Butanone                | 6.81 | 43  | 2997190 | 915.703  | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 6.80 | 77  | 1278298 | 159.573  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.81 | 96  | 844847  | 149.367  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.18 | 49  | 505439  | 134.530  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.19 | 42  | 1961567 | 939.698  | ug/l   | 100    |
| 30) Chloroform                | 7.35 | 83  | 1431921 | 147.090  | ug/l   | 99     |
| 31) Cyclohexane               | 7.63 | 56  | 1389774 | 148.486  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97  | 1275139 | 158.289  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.77 | 75  | 1139342 | 157.181  | ug/l   | 100    |
| 37) Ethyl Acetate             | 6.91 | 43  | 1212179 | 190.534  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.75 | 117 | 1126422 | 169.902  | ug/l   | 100    |

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Oct 11 23:34:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101319W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 11 23:28:43 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 1374453  | 161.925  | ug/l   | 100      |
| 40) Benzene                    | 8.02  | 78   | 3210751  | 154.185  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.19  | 41   | 1761385  | 590.453  | ug/l # | 1        |
| 42) 1,2-Dichloroethane         | 8.11  | 62   | 1208921  | 149.287  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.15  | 43   | 2037558  | 172.929  | ug/l   | 99       |
| 44) Trichloroethene            | 8.82  | 130  | 802777   | 156.351  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.11  | 63   | 876979   | 156.871  | ug/l   | 100      |
| 46) Dibromomethane             | 9.20  | 93   | 556428   | 156.824  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.39  | 83   | 1161048  | 171.352  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.19  | 41   | 963759   | 180.022  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.19  | 88   | 305084   | 4189.244 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.98  | 43   | 5053742  | 818.960  | ug/l # | 85       |
| 52) Toluene                    | 10.15 | 92   | 2046752  | 155.869  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 1389212  | 187.807  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 1450895  | 177.765  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 790039   | 164.694  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 1377782  | 187.944  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 1403162  | 163.890  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 3101169  | 1022.306 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.75 | 43   | 4161264  | 915.805  | ug/l   | 87       |
| 60) Dibromochloromethane       | 10.90 | 129  | 900064   | 194.294  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 845754   | 171.848  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 698993   | 152.379  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.43 | 112  | 2143902  | 151.113  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 803818   | 166.436  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.51 | 91   | 3666516  | 142.456  | ug/l # | 87       |
| 68) m/p-Xylenes                | 11.62 | 106  | 2969927  | 306.667  | ug/l   | 79       |
| 69) o-Xylene                   | 11.95 | 106  | 1458859  | 156.929  | ug/l   | 91       |
| 70) Styrene                    | 11.97 | 104  | 2473868  | 163.794  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 665299   | 215.386  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.25 | 105  | 3616243  | 132.124  | ug/l   | 95       |
| 74) N-amyl acetate             | 12.07 | 43   | 1930948  | 173.894  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 1280988  | 155.418  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.56 | 75   | 1779014  | 256.726  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 943162   | 146.490  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.59 | 91   | 4109404  | 132.713  | ug/l   | 92       |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 2713798  | 142.120  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.74 | 105  | 3226622  | 140.406  | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 492735   | 207.447  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.78 | 91   | 2860128  | 146.412  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.00 | 119  | 2837934  | 146.338  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 3238902  | 140.680  | ug/l   | 94       |
| 85) sec-Butylbenzene           | 13.18 | 105  | 3638736  | 142.083  | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 3355690  | 148.193  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene        | 13.29 | 146  | 1781640  | 152.050  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.37 | 146  | 1772439  | 152.297  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.62 | 91   | 3206884  | 155.403  | ug/l   | 94       |
| 90) Hexachloroethane           | 13.88 | 117  | 659304   | 189.477  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 1712059  | 151.817  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.28 | 75   | 293430   | 195.536  | ug/l   | 99       |

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Sample : VSTDICC150  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Oct 11 23:34:36 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N101319W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 11 23:28:43 2019  
Response via : Initial Calibration

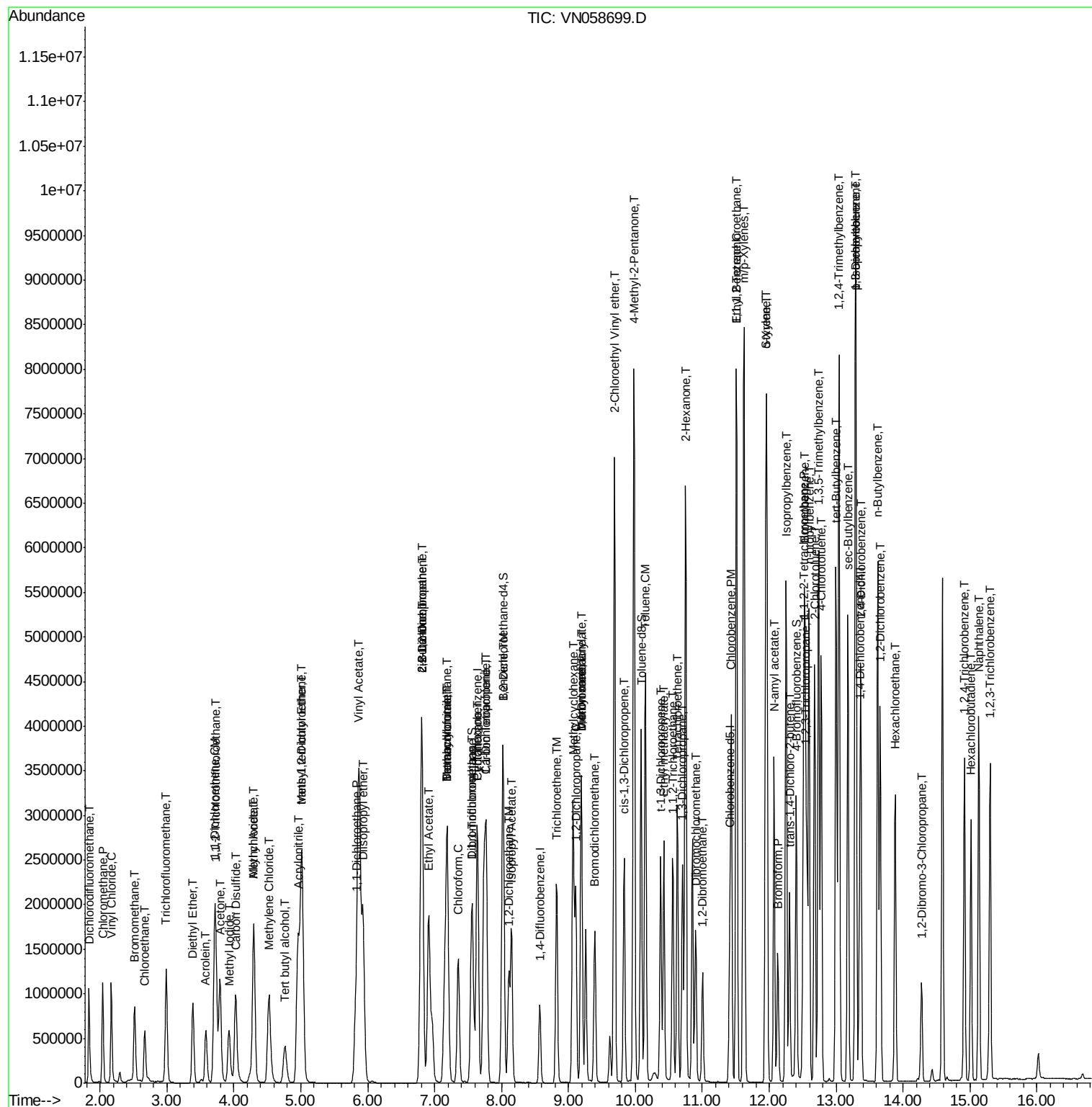
| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.92 | 180  | 1141880  | 181.561 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.02 | 225  | 541906   | 165.412 | ug/l  | 99       |
| 95) Naphthalene            | 15.13 | 128  | 3216514  | 193.131 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 1097639  | 190.760 | ug/l  | 99       |

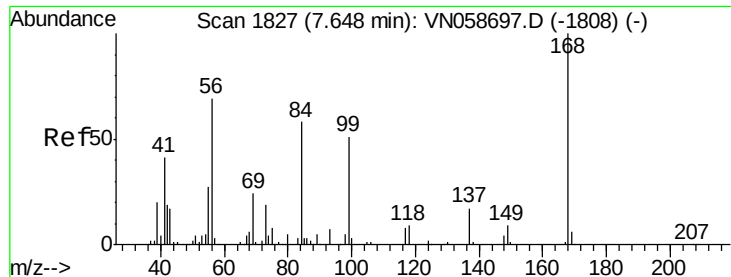
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101319\  
Data File : VN058699.D  
Acq On : 11 Oct 2019 13:20  
Operator : JC/SP  
Sample : VSTDIC150  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampled :

Quant Time: Oct 11 23:34:36 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N101319W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 11 23:28:43 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

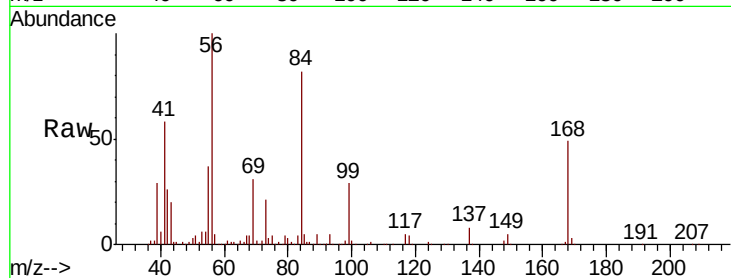
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:168 Resp: 463062

Ion Ratio Lower Upper

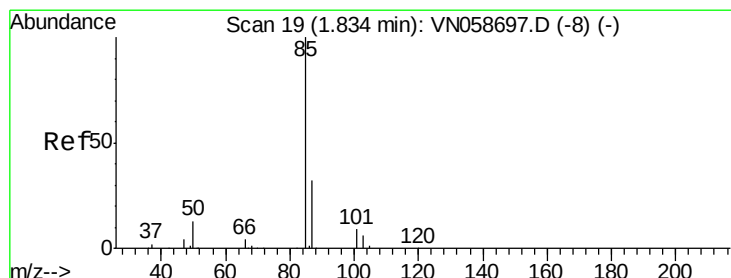
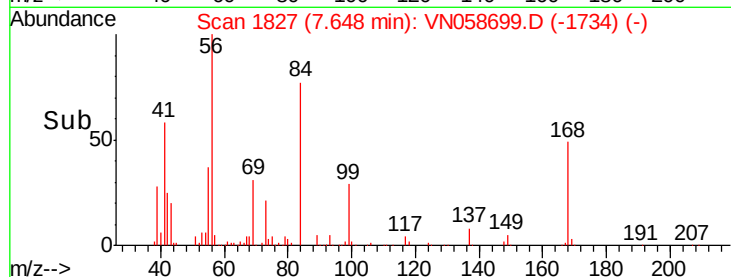
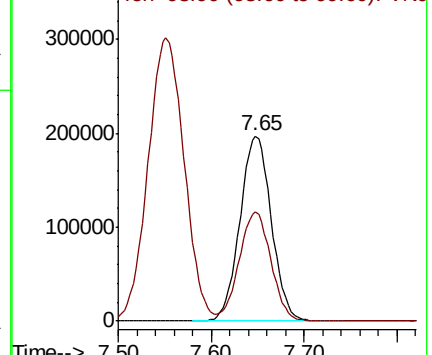
168 100

99 58.7 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 167.129 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058699.D

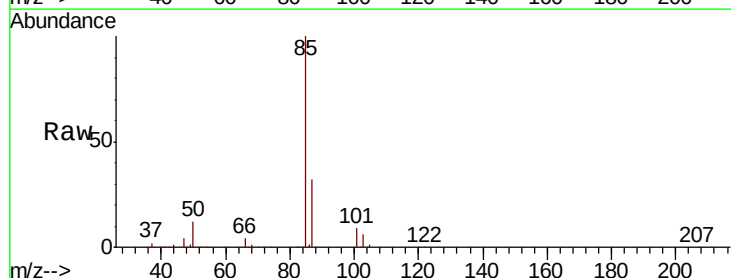
Acq: 11 Oct 2019 13:20

Tgt Ion: 85 Resp: 867502

Ion Ratio Lower Upper

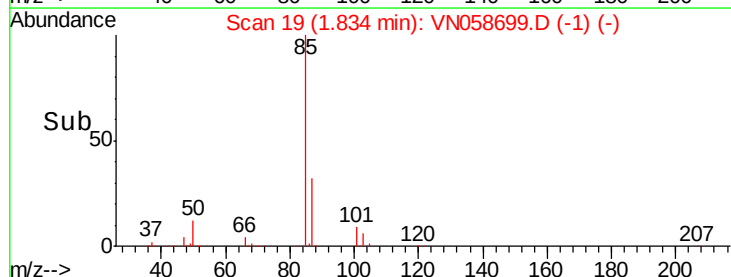
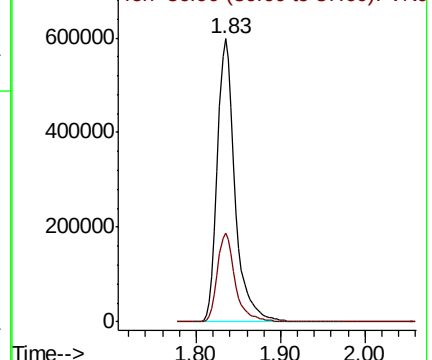
85 100

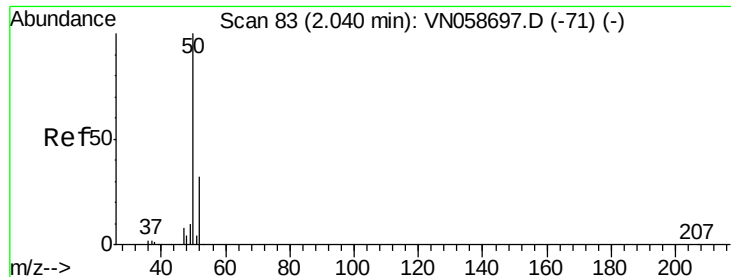
87 31.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 169.086 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

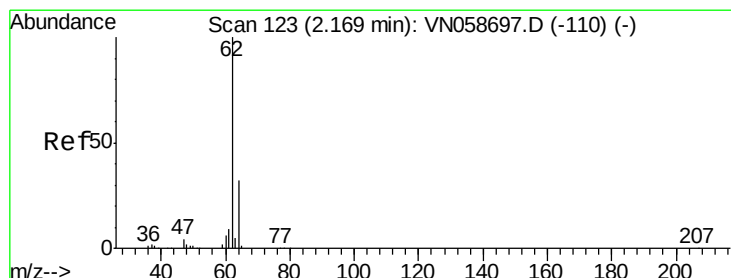
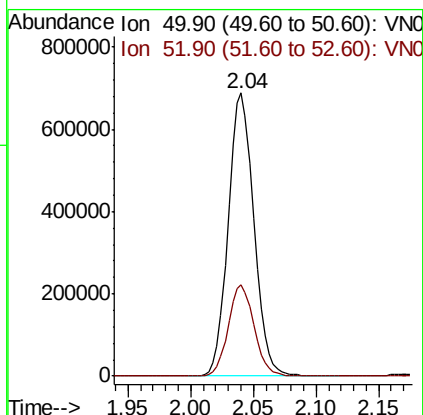
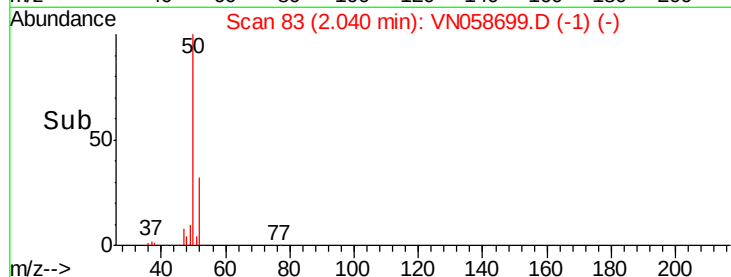
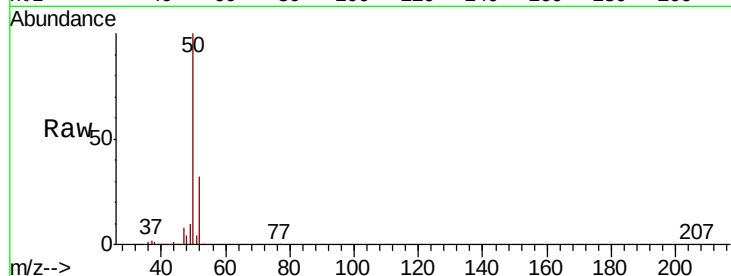
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 50 Resp: 977878

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.6



#4

Vinyl Chloride

Concen: 182.743 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058699.D

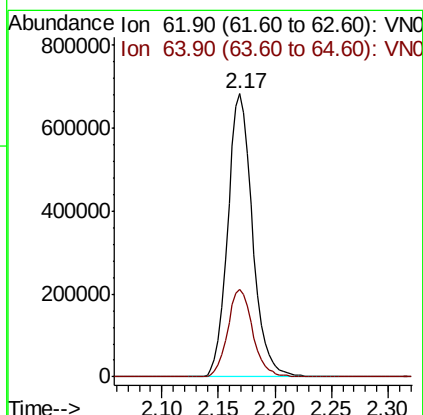
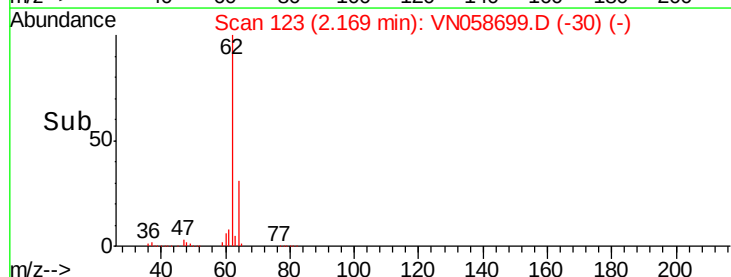
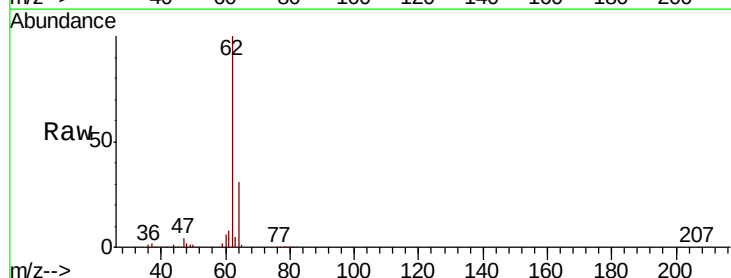
Acq: 11 Oct 2019 13:20

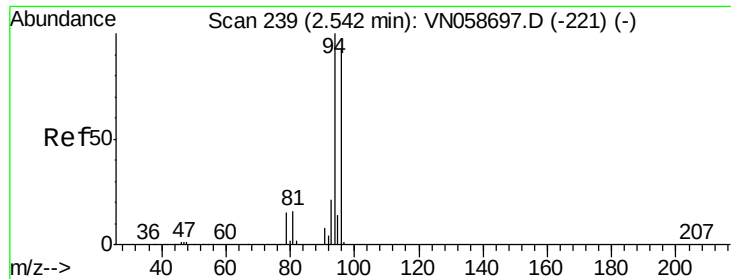
Tgt Ion: 62 Resp: 1038838

Ion Ratio Lower Upper

62 100

64 31.0 25.3 37.9





#5

Bromomethane

Concen: 191.464 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.03 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

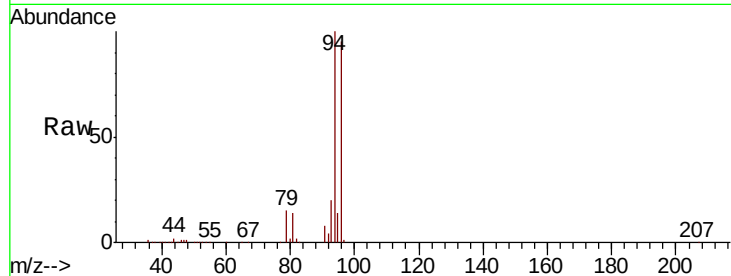
ClientSampleId :

Tot Ion: 94 Resp: 597964

Ion Ratio Lower Upper

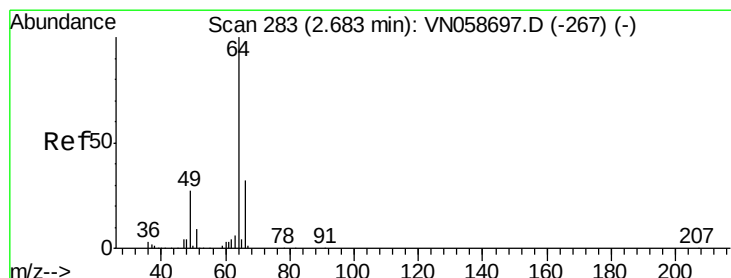
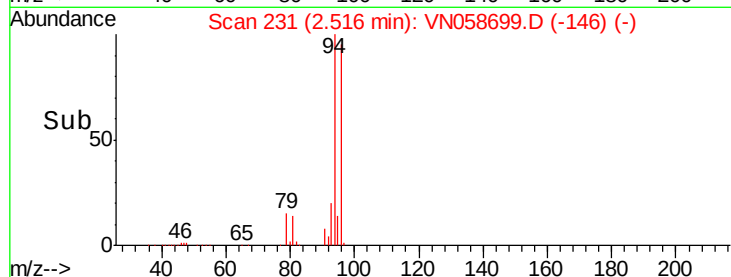
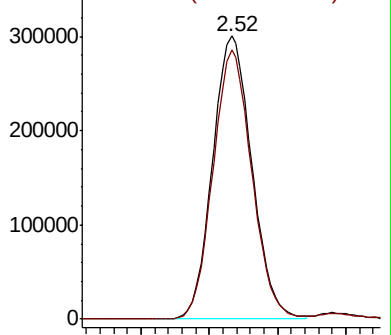
94 100

96 95.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 180.704 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.02 min

Lab File: VN058699.D

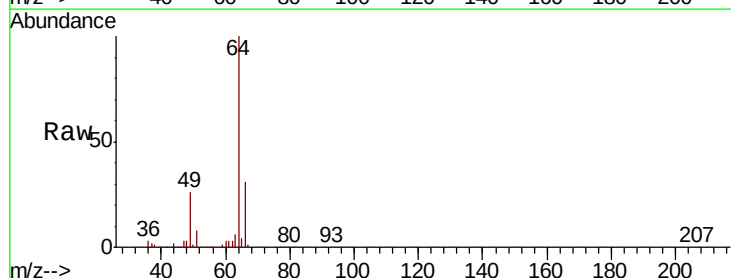
Acq: 11 Oct 2019 13:20

Tgt Ion: 64 Resp: 616966

Ion Ratio Lower Upper

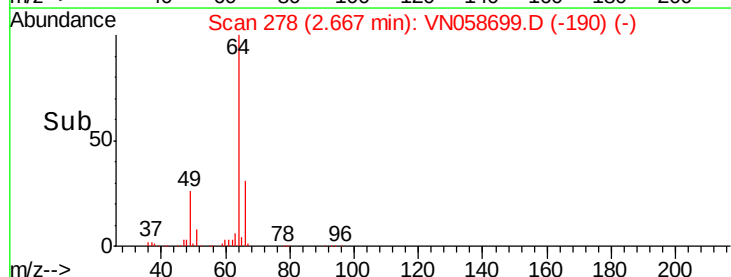
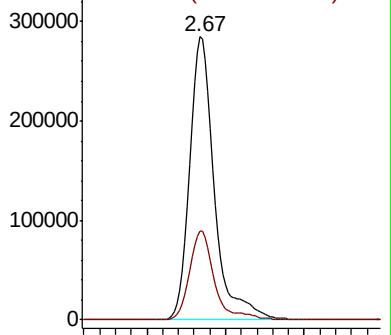
64 100

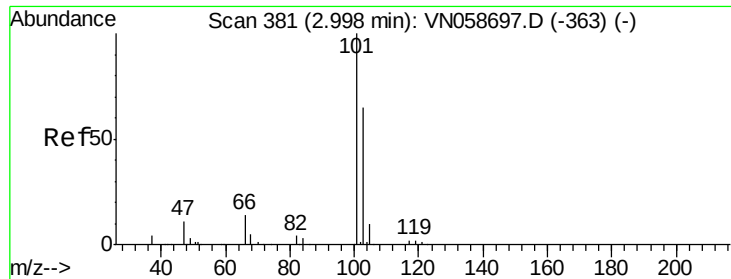
66 31.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



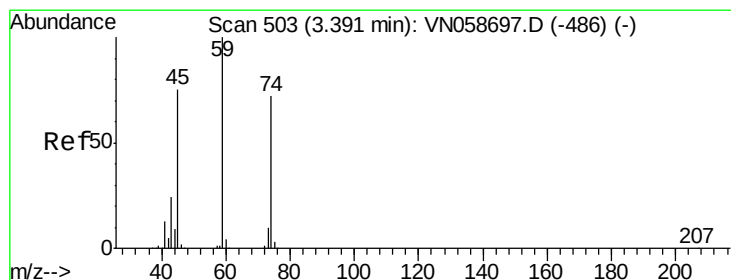
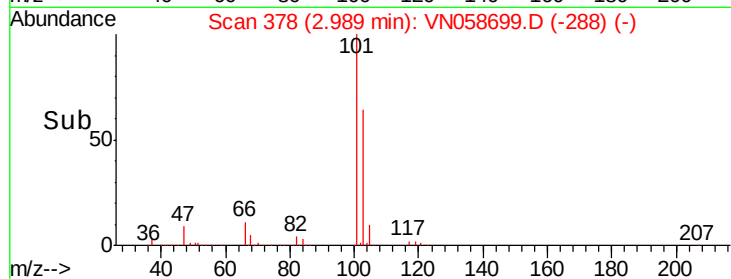
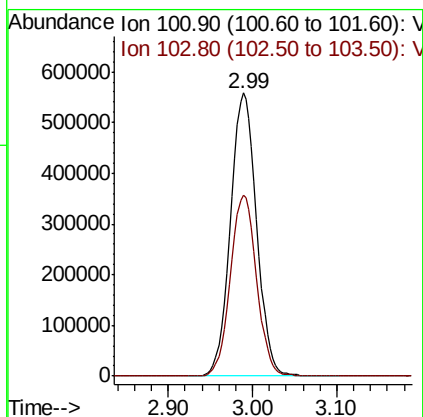
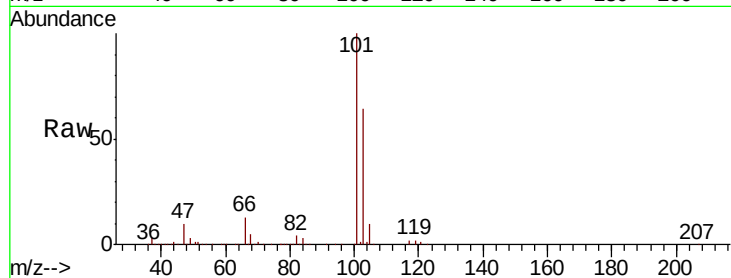


#7

Trichlorofluoromethane  
Concen: 176.920 ug/l  
RT: 2.99 min Scan# 378  
Delta R.T. -0.01 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Instrument :  
MSVOA\_N  
ClientSampled :

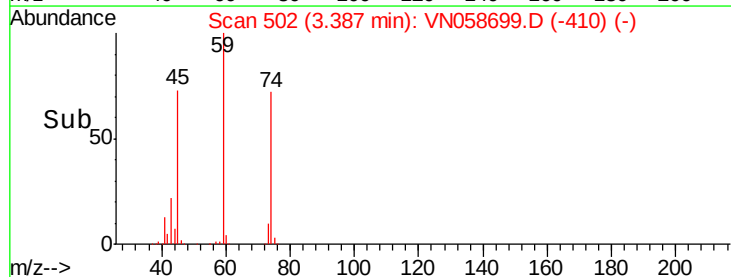
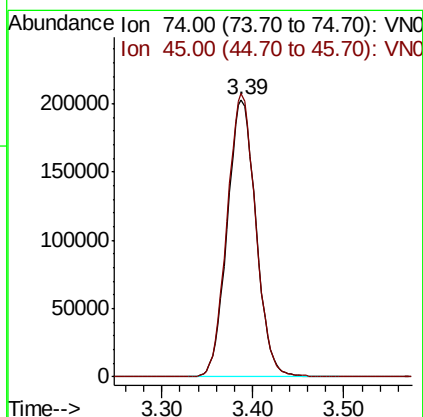
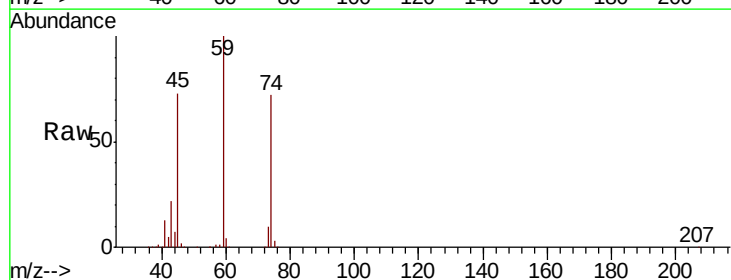
Tot Ion:101 Resp: 1200279  
Ion Ratio Lower Upper  
101 100  
103 64.1 51.8 77.6



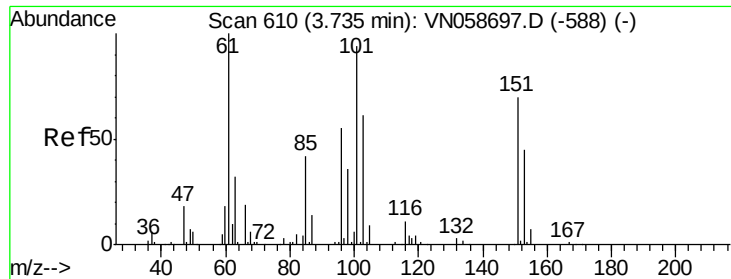
#8

Diethyl Ether  
Concen: 155.651 ug/l  
RT: 3.39 min Scan# 502  
Delta R.T. -0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Tgt Ion: 74 Resp: 444549  
Ion Ratio Lower Upper  
74 100  
45 101.4 51.3 154.0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 149.769 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

ClientSampled :

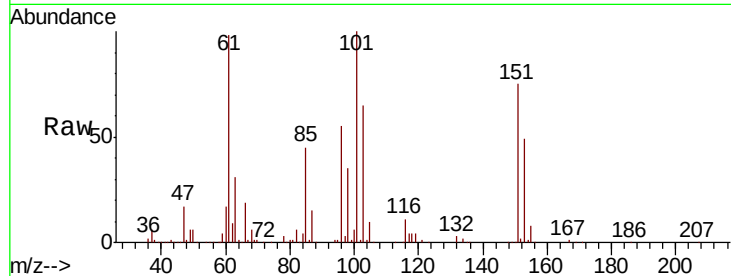
Tot Ion:101 Resp: 669452

Ion Ratio Lower Upper

101 100

85 45.3 37.0 55.6

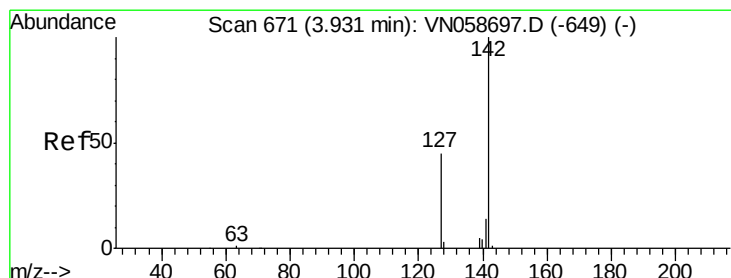
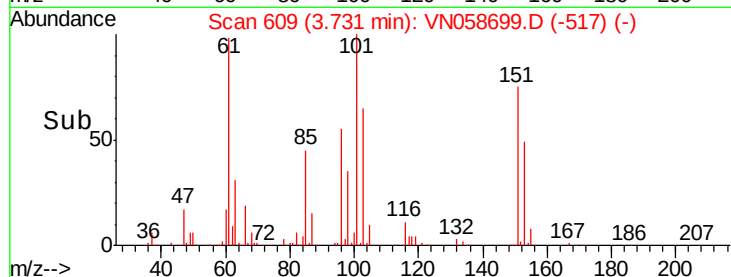
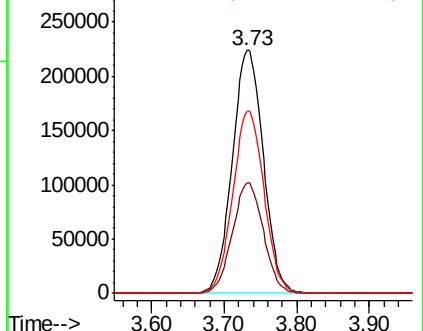
151 75.2 61.8 92.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 193.332 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

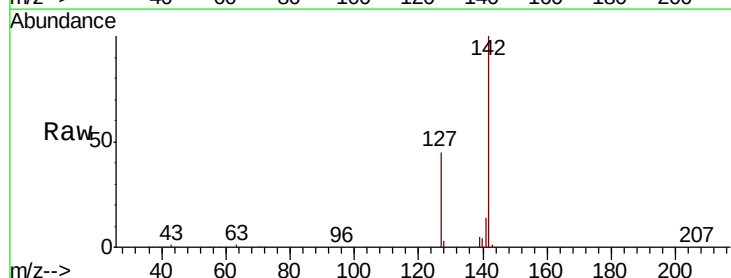
Tgt Ion:142 Resp: 1005166

Ion Ratio Lower Upper

142 100

127 45.4 36.4 54.6

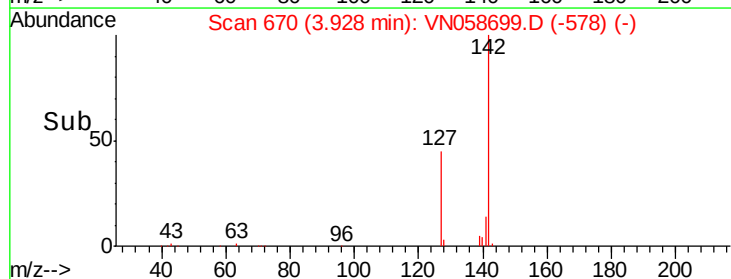
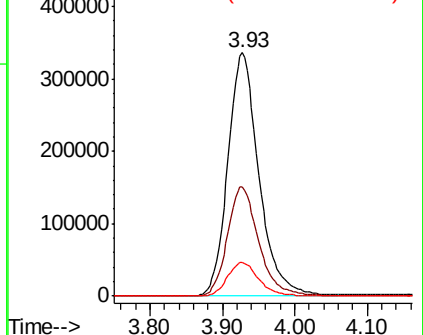
141 14.0 11.1 16.7

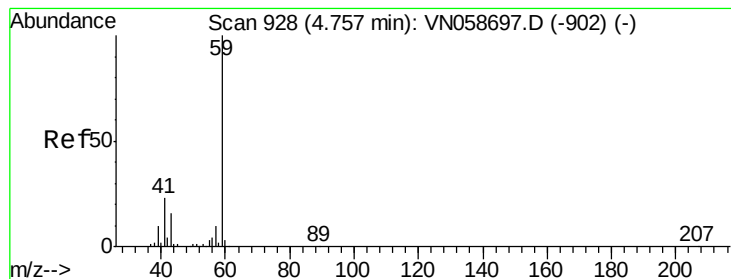


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



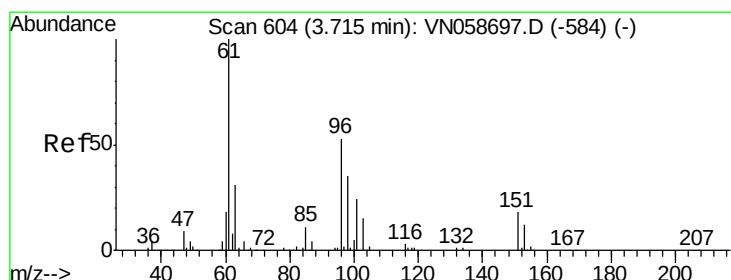
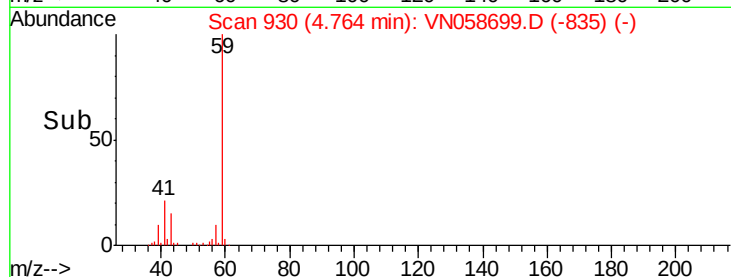
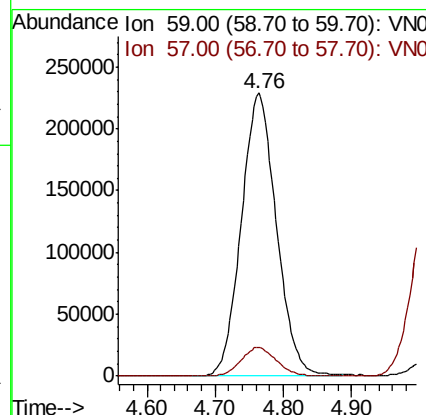
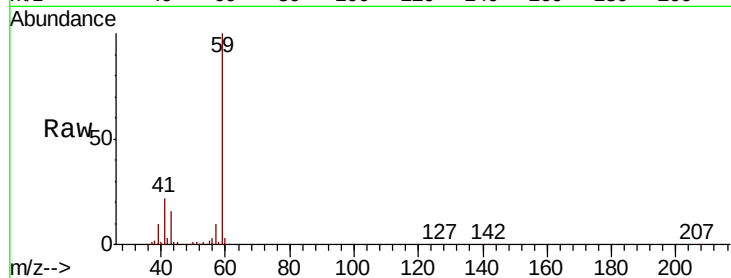


#11

Tert butyl alcohol  
Concen: 1018.278 ug/l  
RT: 4.76 min Scan# 930  
Delta R.T. 0.01 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Instrument :  
MSVOA\_N  
ClientSampled :

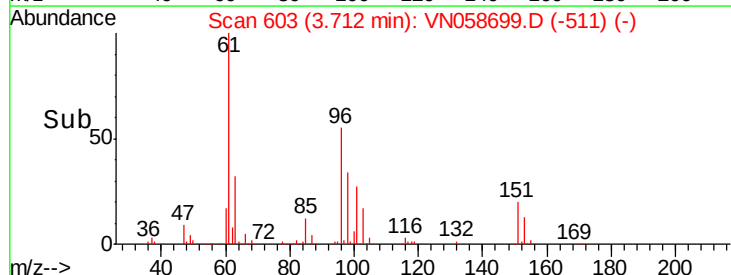
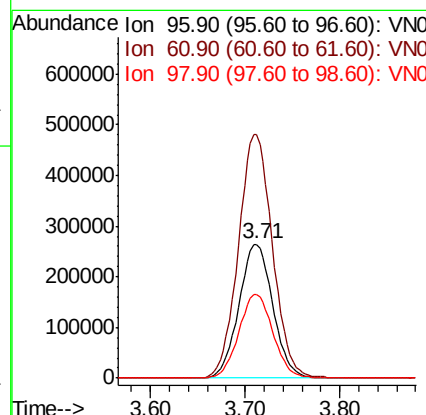
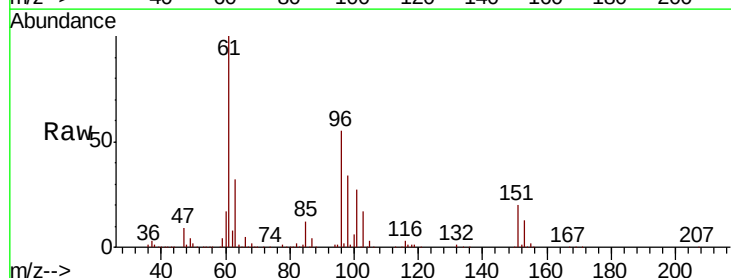
Tot Ion: 59 Resp: 817370  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.4 12.6

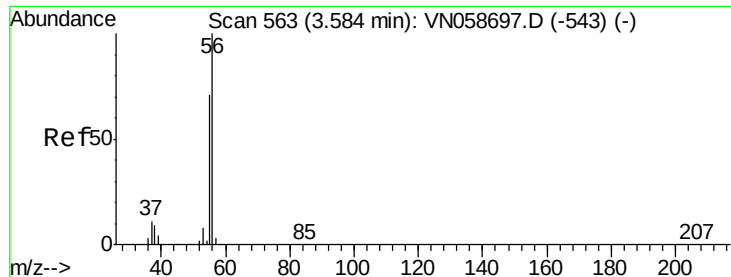


#12

1,1-Dichloroethene  
Concen: 150.934 ug/l  
RT: 3.71 min Scan# 603  
Delta R.T. -0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Tgt Ion: 96 Resp: 657684  
Ion Ratio Lower Upper  
96 100  
61 181.7 151.3 226.9  
98 62.7 52.6 78.8





#13

Acrolein

Concen: 1840.654 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

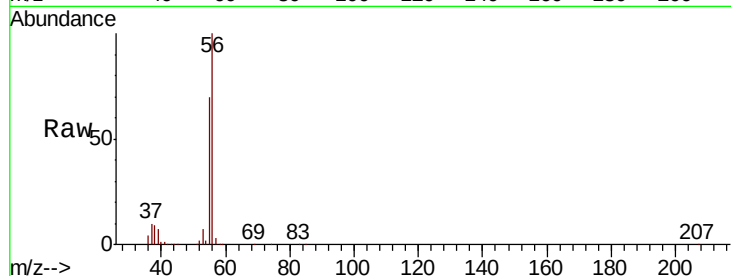
ClientSampleId :

Tot Ion: 56 Resp: 663503

Ion Ratio Lower Upper

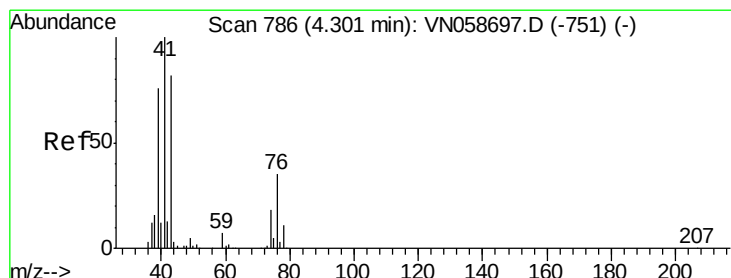
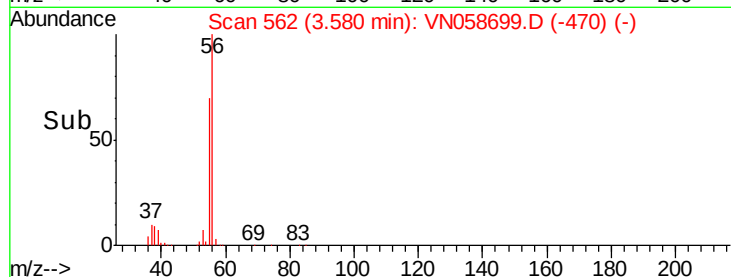
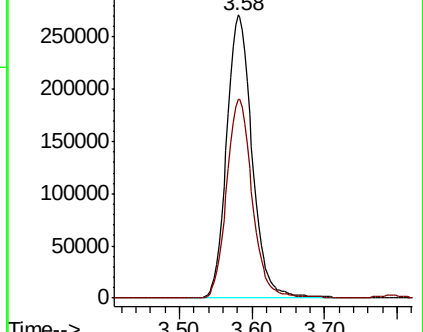
56 100

55 70.5 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN058699.D (-543) (-)

Ion 55.00 (54.70 to 55.70): VN058699.D (-543) (-)



#14

Allyl chloride

Concen: 166.409 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

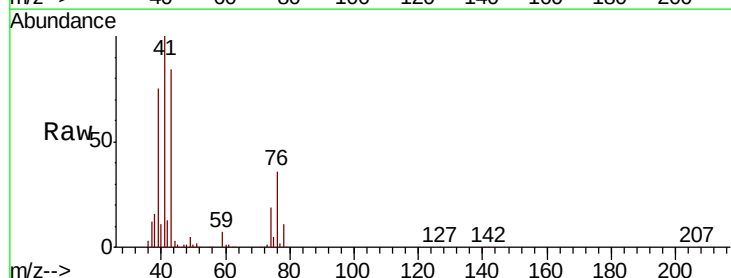
Tgt Ion: 41 Resp: 1341795

Ion Ratio Lower Upper

41 100

39 69.5 57.2 85.8

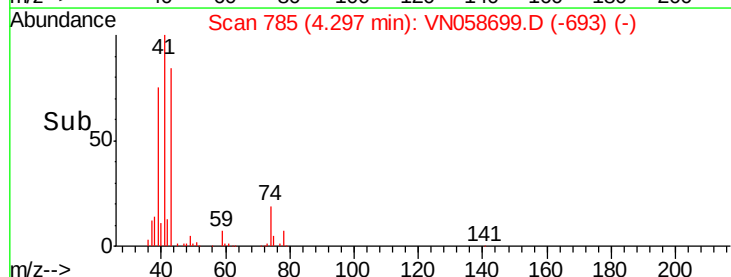
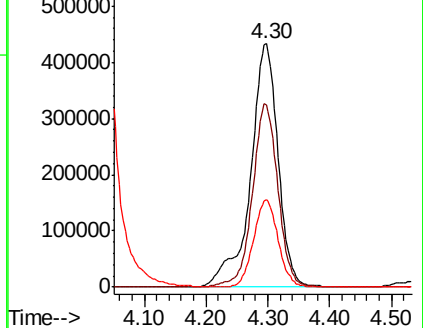
76 31.7 25.0 37.6

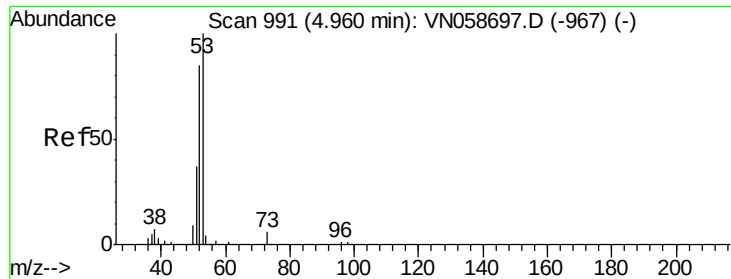


Abundance Ion 41.00 (40.70 to 41.70): VN058699.D (-693) (-)

Ion 39.00 (38.70 to 39.70): VN058699.D (-693) (-)

Ion 75.90 (75.60 to 76.60): VN058699.D (-693) (-)





#15

Acrylonitrile

Concen: 923.538 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

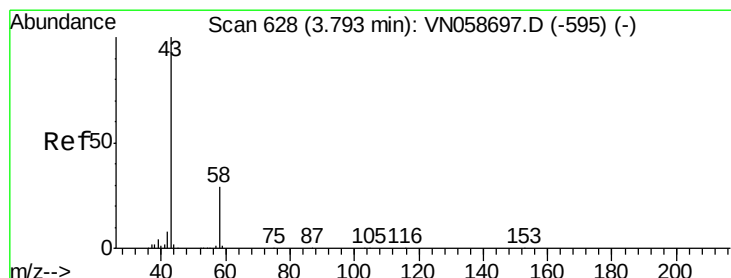
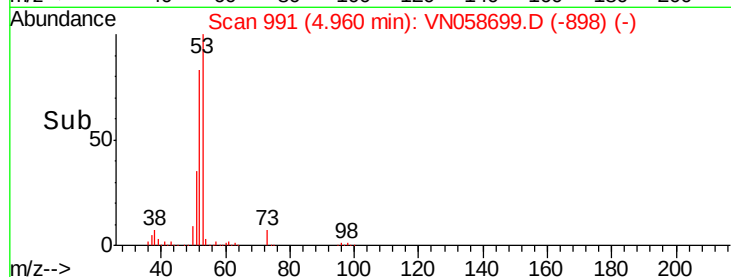
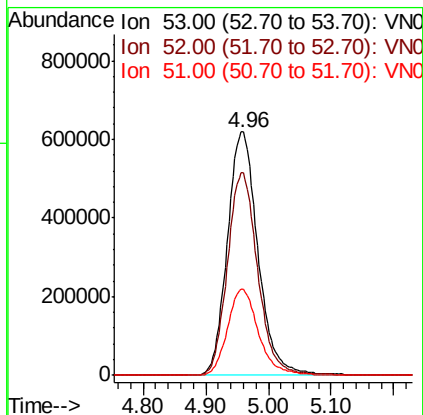
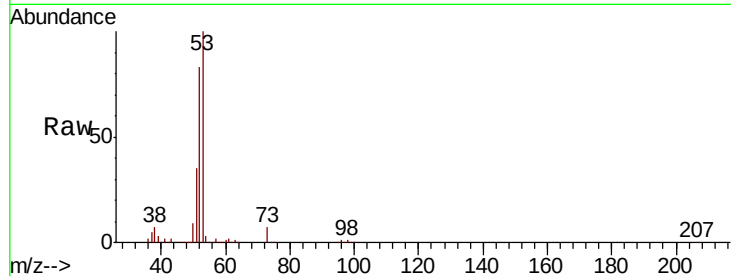
Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 53 Resp: 2092420

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.6  | 66.2  | 99.2  |
| 51  | 36.2  | 29.4  | 44.2  |



#16

Acetone

Concen: 808.703 ug/l

RT: 3.79 min Scan# 628

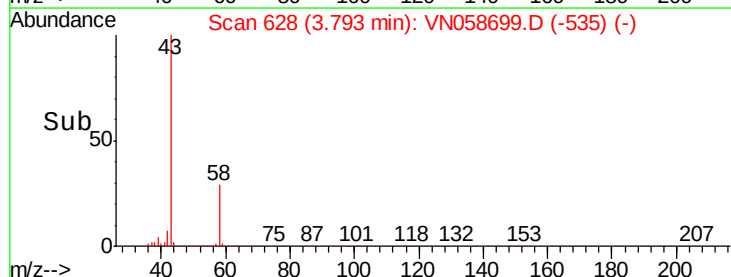
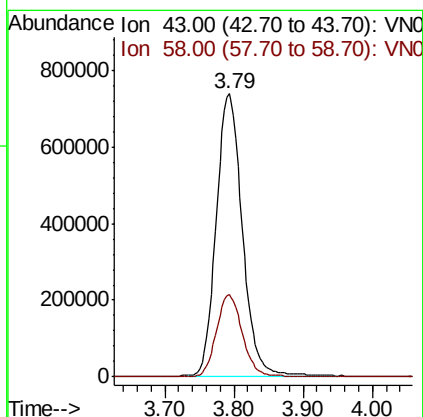
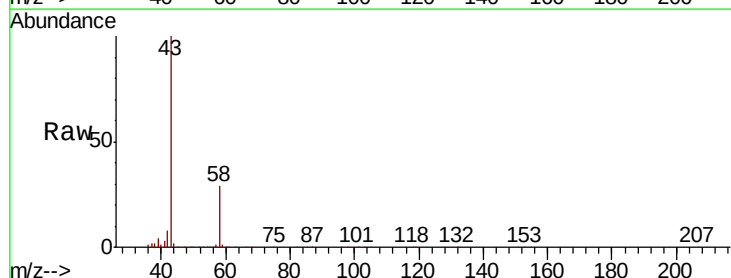
Delta R.T. 0.00 min

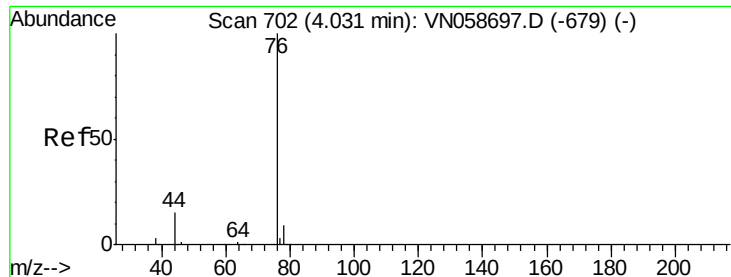
Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Tgt Ion: 43 Resp: 1912011

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 29.1  | 23.3  | 34.9  |





#17

Carbon Disulfide

Concen: 178.543 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

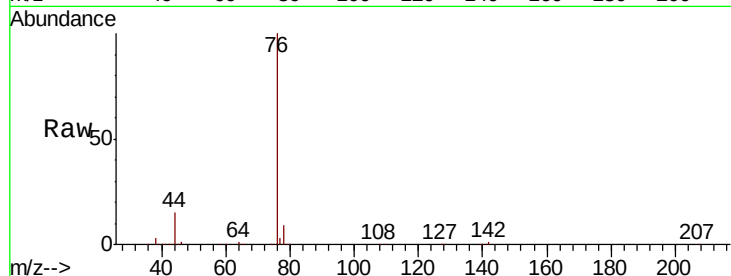
ClientSampleId :

Tot Ion: 76 Resp: 2108962

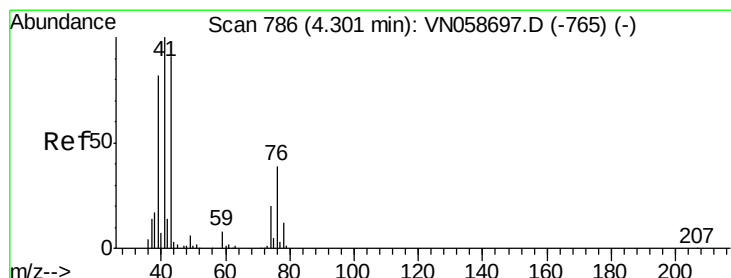
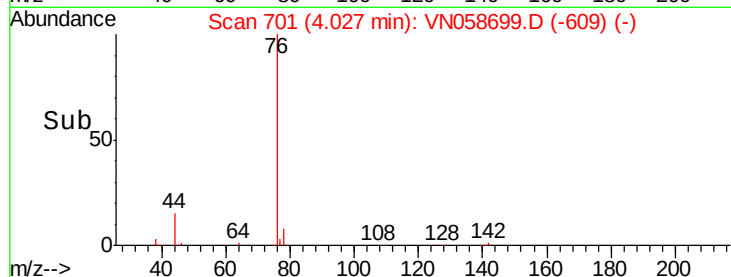
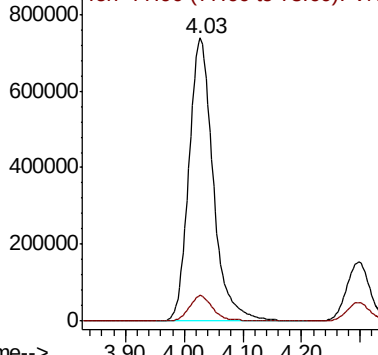
Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VNO  
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 170.698 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN058699.D

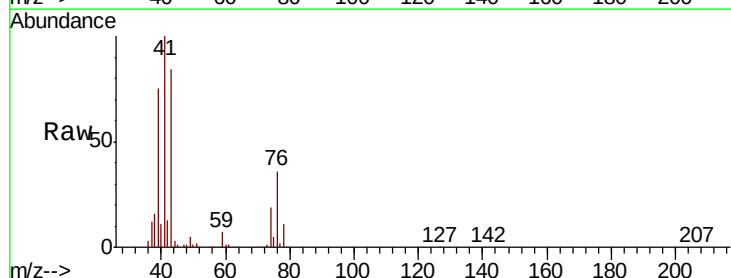
Acq: 11 Oct 2019 13:20

Tgt Ion: 43 Resp: 1022413

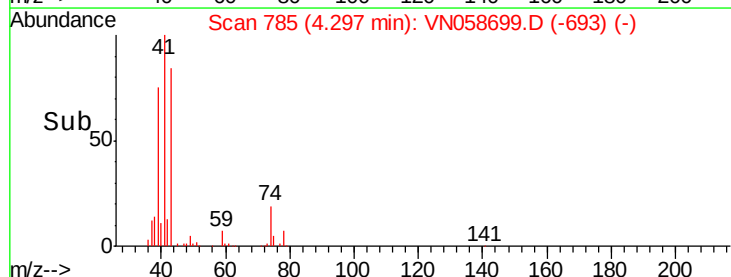
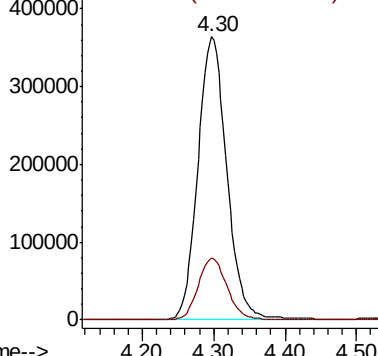
Ion Ratio Lower Upper

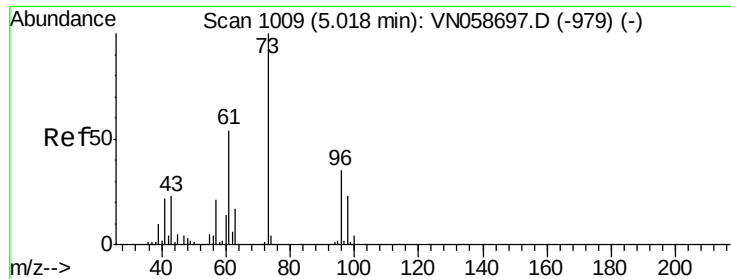
43 100

74 21.9 17.2 25.8



Abundance Ion 43.00 (42.70 to 43.70): VNO  
Ion 74.00 (73.70 to 74.70): VNO

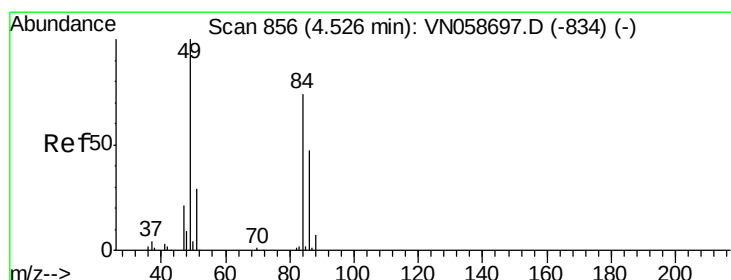
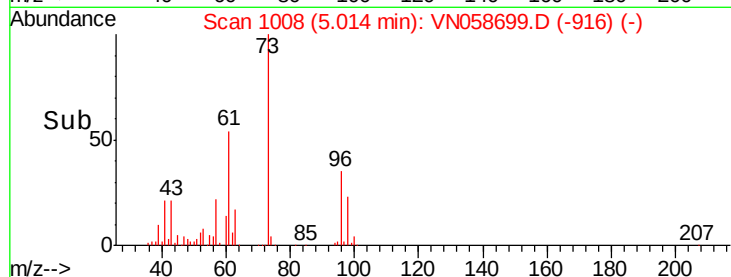
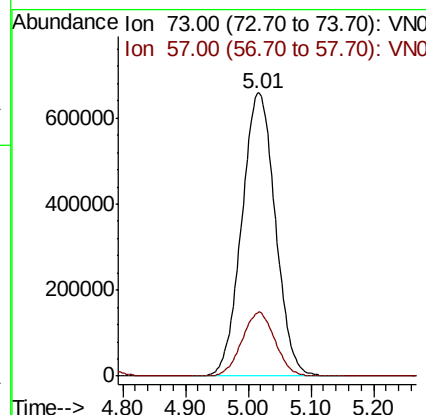
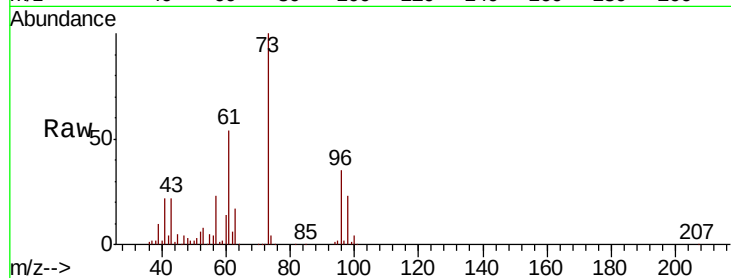




#19  
Methyl tert-butyl Ether  
Concen: 157.878 ug/l  
RT: 5.01 min Scan# 1008  
Delta R.T. -0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

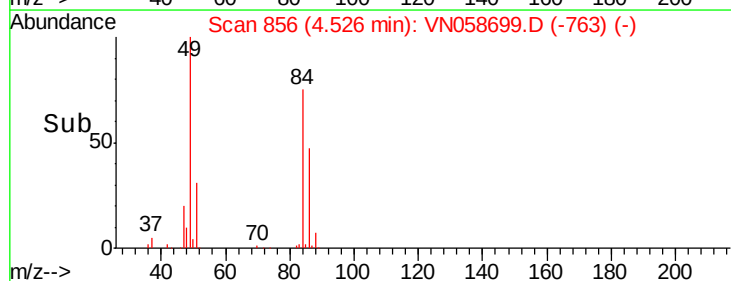
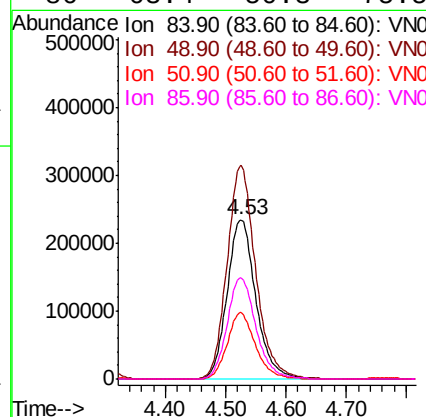
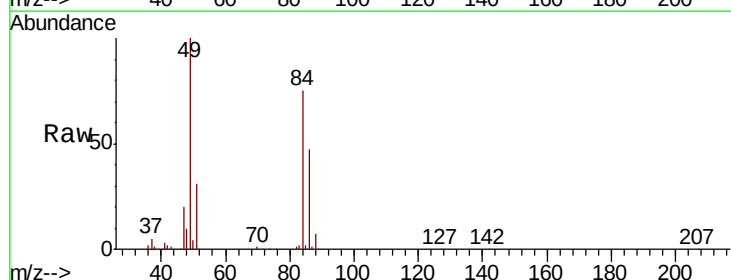
Instrument :  
MSVOA\_N  
ClientSampleId :

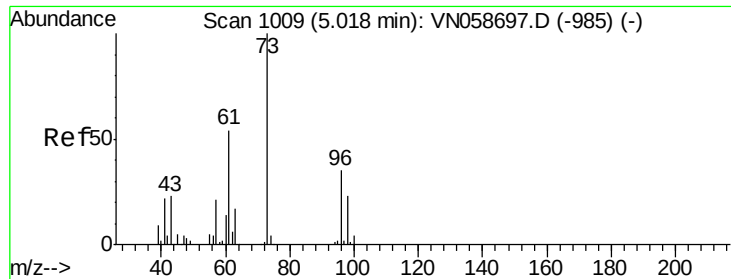
Tot Ion: 73 Resp: 2444365  
Ion Ratio Lower Upper  
73 100  
57 22.5 17.0 25.6



#20  
Methylene Chloride  
Concen: 145.688 ug/l  
RT: 4.53 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Tgt Ion: 84 Resp: 778539  
Ion Ratio Lower Upper  
84 100  
49 134.1 107.6 161.4  
51 41.6 31.4 47.0  
86 63.4 50.3 75.5



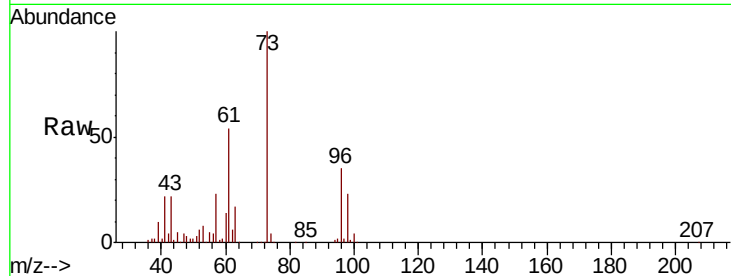


#21

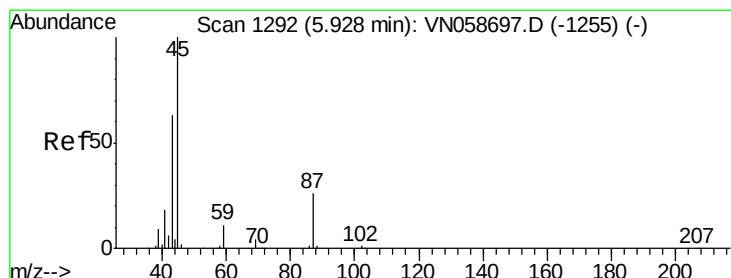
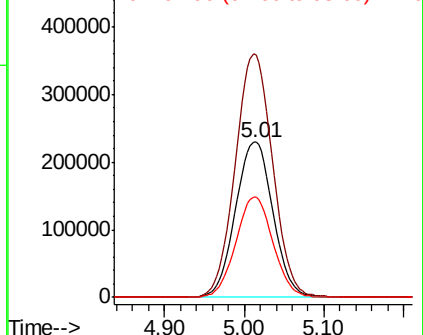
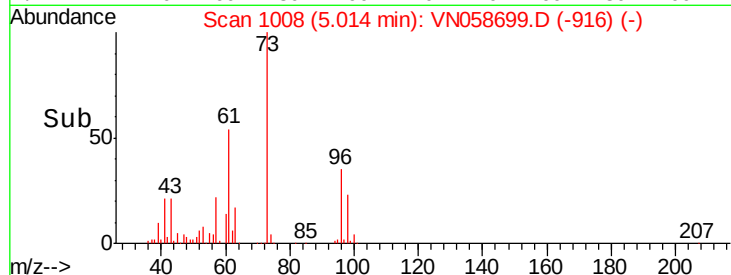
trans-1,2-Dichloroethene  
Concen: 150.489 ug/l  
RT: 5.01 min Scan# 1008  
Delta R.T. -0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 96 Resp: 731885  
Ion Ratio Lower Upper  
96 100  
61 156.1 123.6 185.4  
98 64.6 52.1 78.1



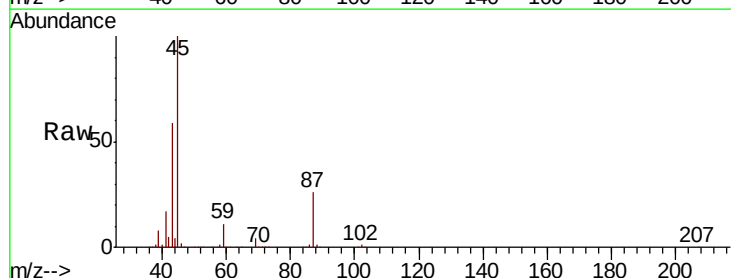
Abundance Ion 95.90 (95.60 to 96.60): VNC  
Ion 60.90 (60.60 to 61.60): VNC  
Ion 97.90 (97.60 to 98.60): VNC



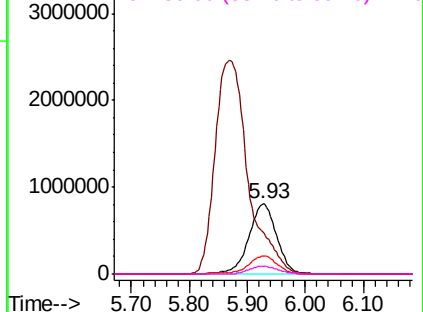
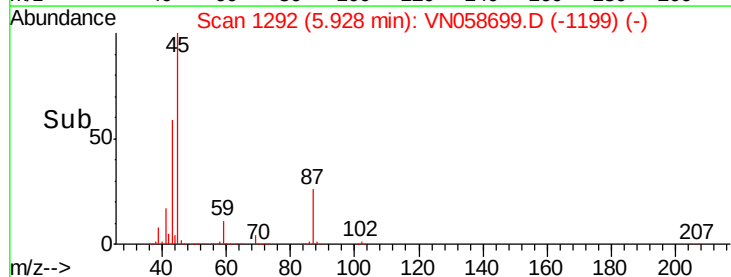
#22

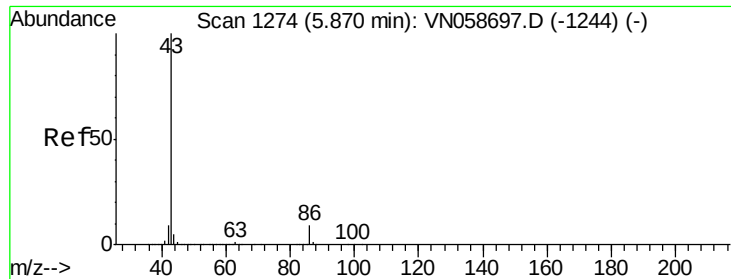
Diisopropyl ether  
Concen: 156.779 ug/l  
RT: 5.93 min Scan# 1292  
Delta R.T. 0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Tgt Ion: 45 Resp: 2693057  
Ion Ratio Lower Upper  
45 100  
43 58.6 50.6 75.8  
87 25.5 21.1 31.7  
59 11.1 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VNC  
Ion 43.00 (42.70 to 43.70): VNC  
Ion 87.00 (86.70 to 87.70): VNC  
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 745.146 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

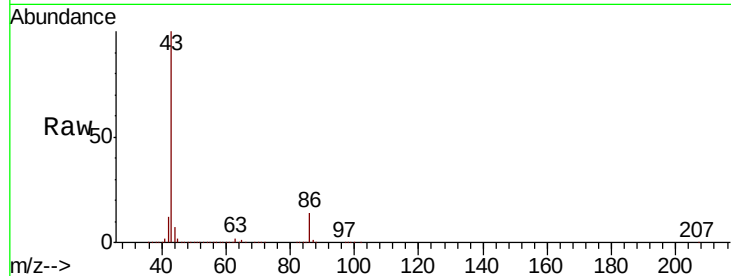
ClientSampled :

Tot Ion: 43 Resp: 9732324

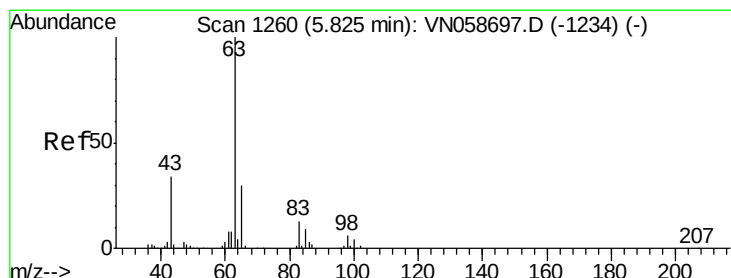
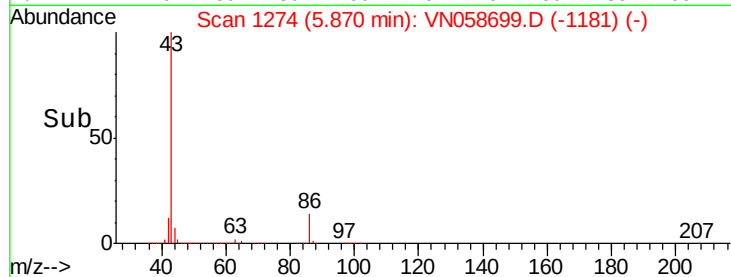
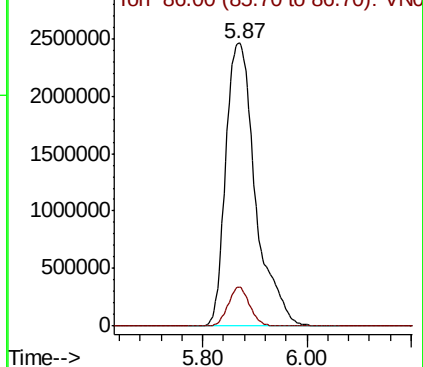
Ion Ratio Lower Upper

43 100

86 13.8 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VN058699.D (-1181) (-)



#24

1,1-Dichloroethane

Concen: 151.866 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

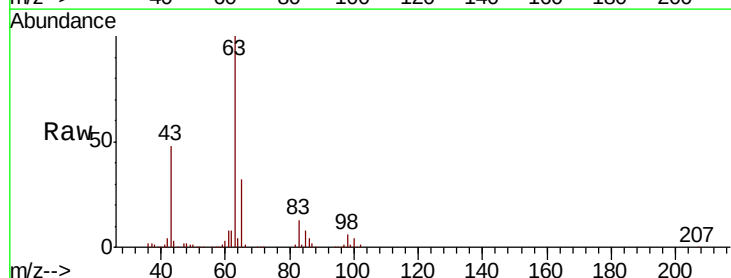
Tgt Ion: 63 Resp: 1465369

Ion Ratio Lower Upper

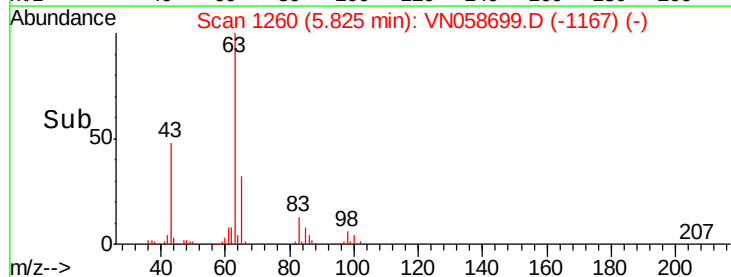
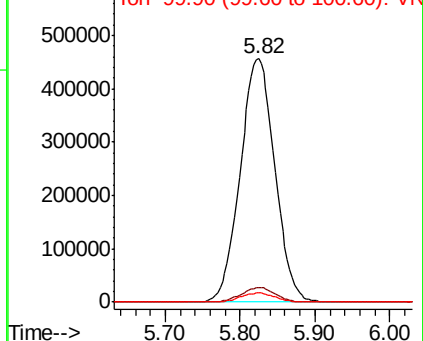
63 100

98 6.0 2.9 8.6

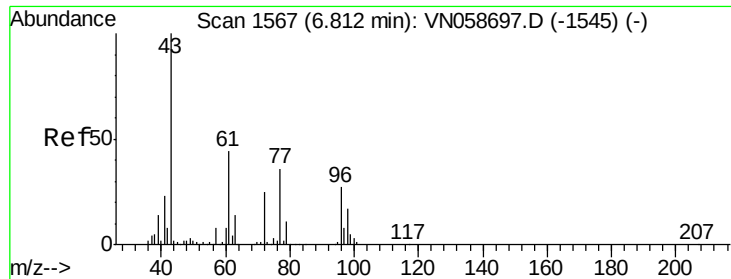
100 3.7 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN058699.D (-1167) (-)



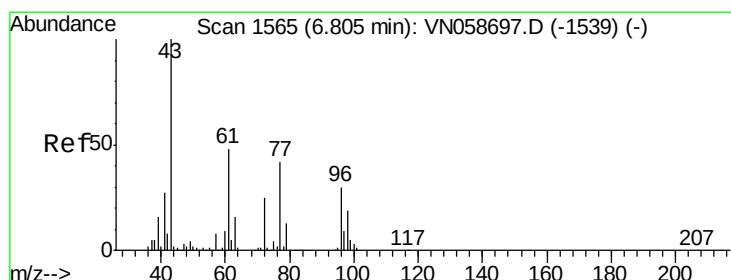
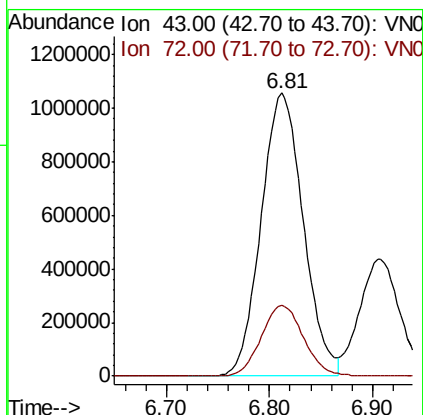
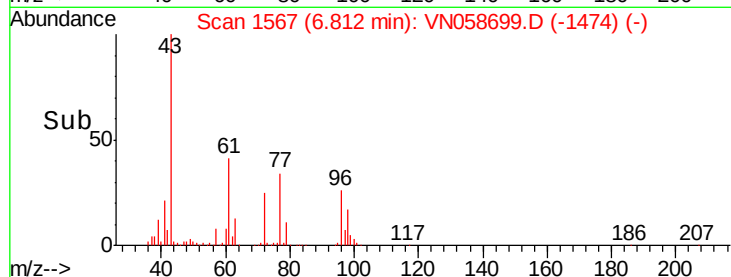
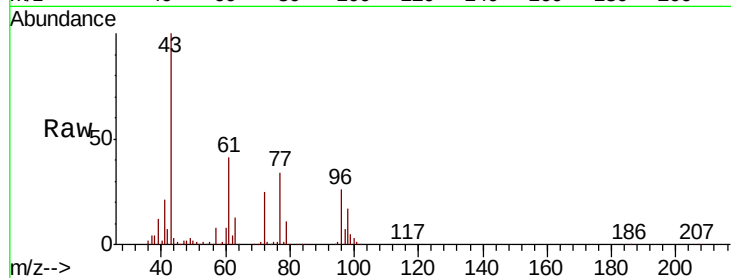




#25  
2-Butanone  
Concen: 915.703 ug/l  
RT: 6.81 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

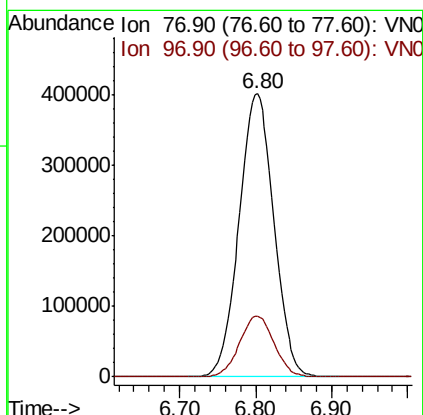
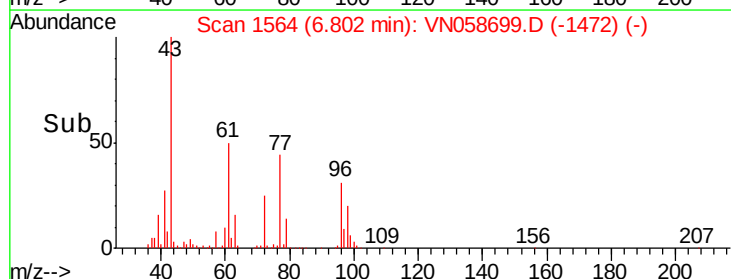
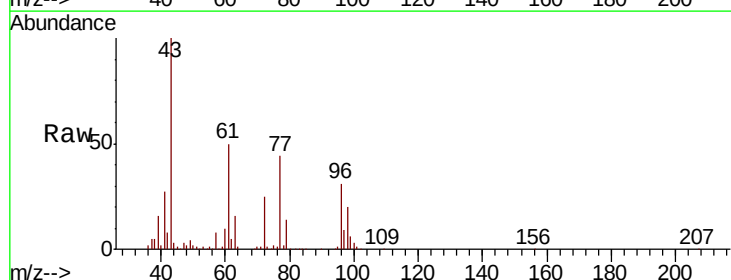
Instrument :  
MSVOA\_N  
ClientSampled :

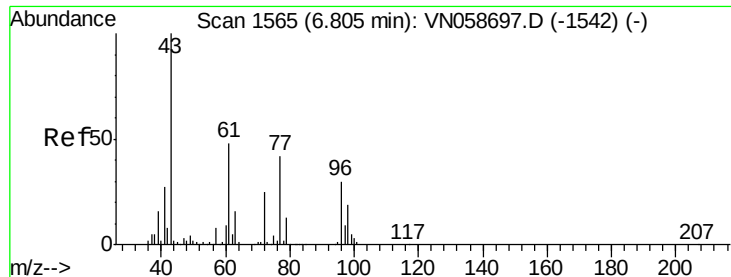
Tot Ion: 43 Resp: 2997190  
Ion Ratio Lower Upper  
43 100  
72 25.0 20.2 30.2



#26  
2,2-Dichloropropane  
Concen: 159.573 ug/l  
RT: 6.80 min Scan# 1564  
Delta R.T. -0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Tgt Ion: 77 Resp: 1278298  
Ion Ratio Lower Upper  
77 100  
97 21.4 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 149.367 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :

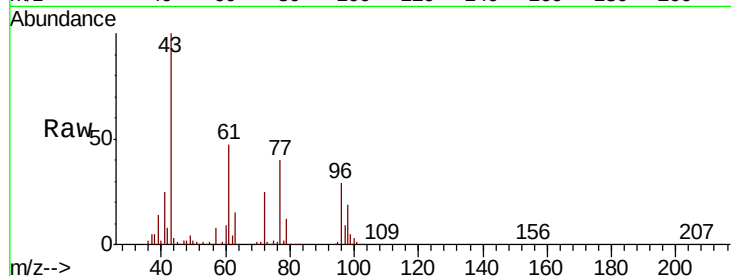
Tot Ion: 96 Resp: 844847

Ion Ratio Lower Upper

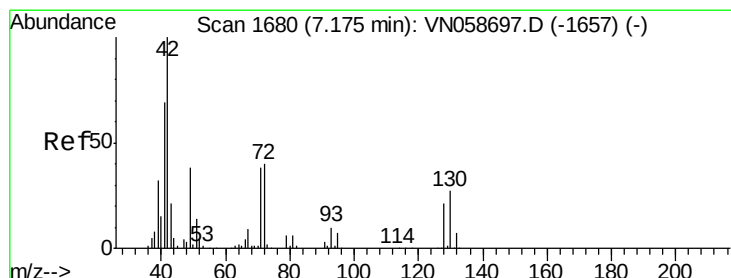
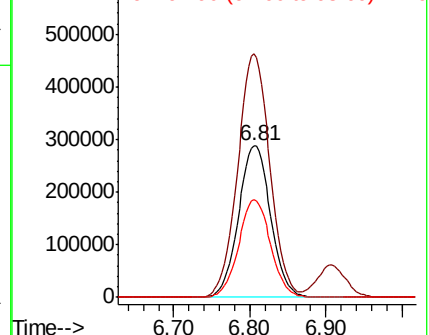
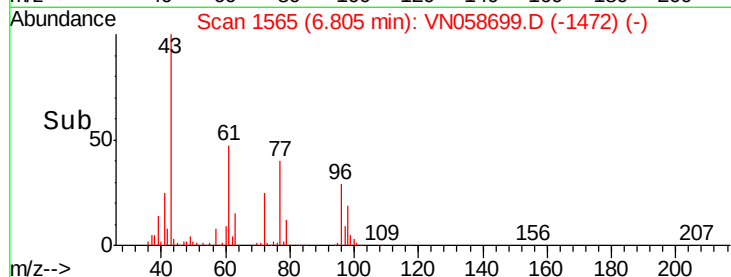
96 100

61 160.6 0.0 324.8

98 63.8 0.0 129.2



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



#28

Bromochloromethane

Concen: 134.530 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

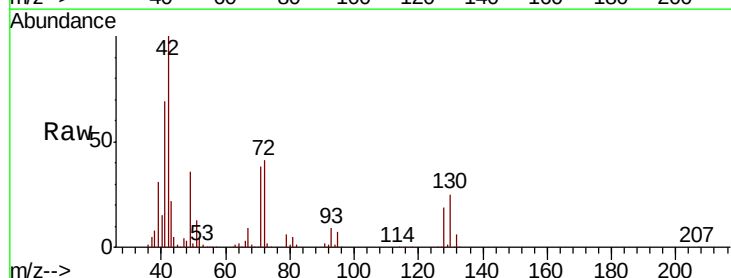
Tgt Ion: 49 Resp: 505439

Ion Ratio Lower Upper

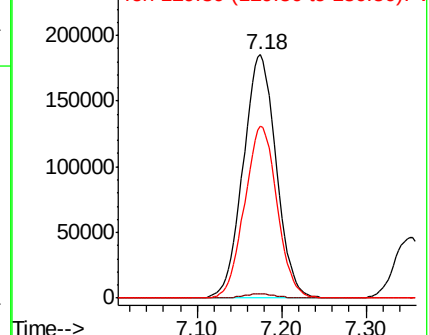
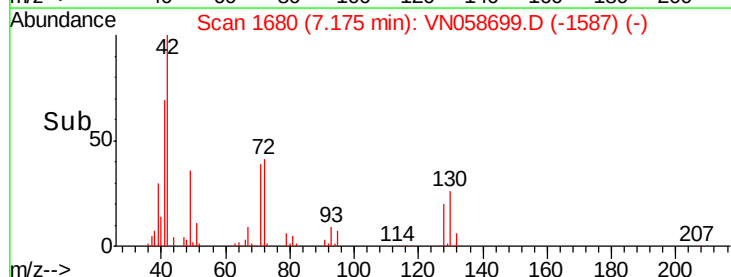
49 100

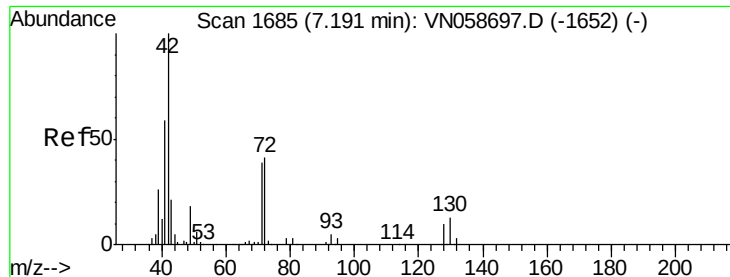
129 1.7 0.0 3.6

130 69.4 55.0 82.4



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





#29

Tetrahydrofuran

Concen: 939.698 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

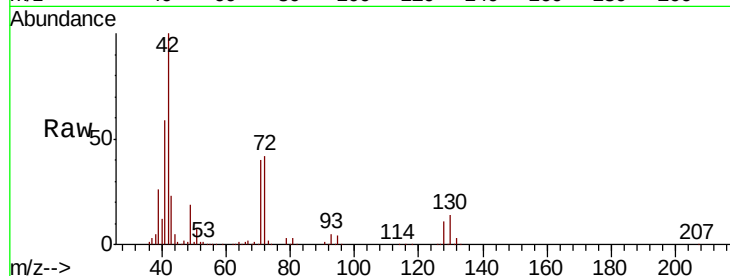
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 42 Resp: 1961567

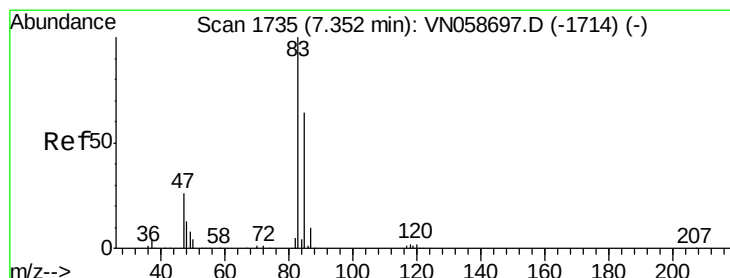
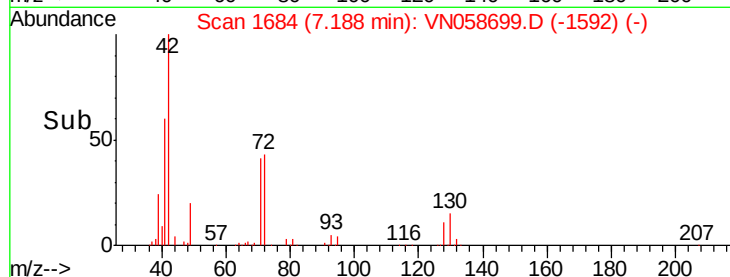
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 41.4  | 32.8  | 49.2  |
| 71  | 39.0  | 31.1  | 46.7  |



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: 147.090 ug/l

RT: 7.35 min Scan# 1735

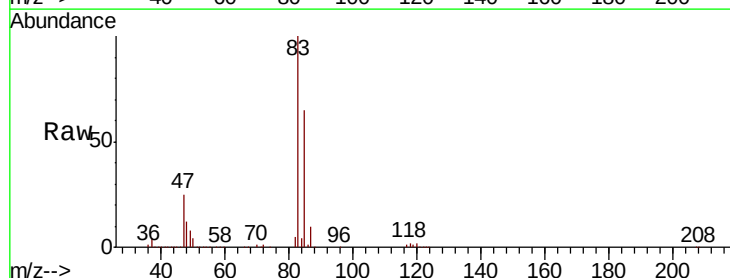
Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

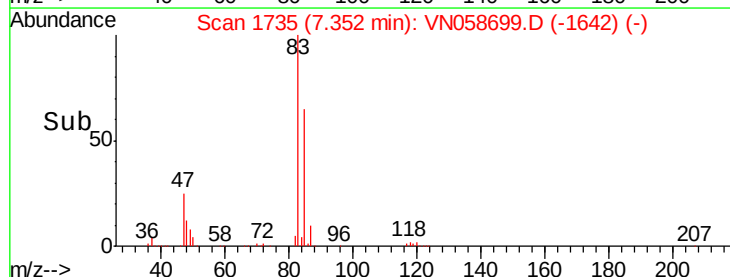
Tgt Ion: 83 Resp: 1431921

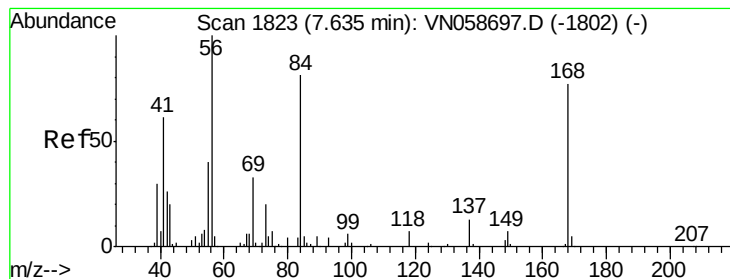
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 64.6  | 51.0  | 76.6  |



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 148.486 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

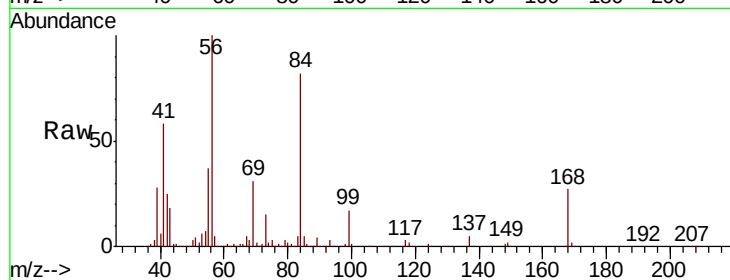
Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 1389774

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 31.3  | 26.2  | 39.4  |
| 84  | 81.0  | 64.9  | 97.3  |

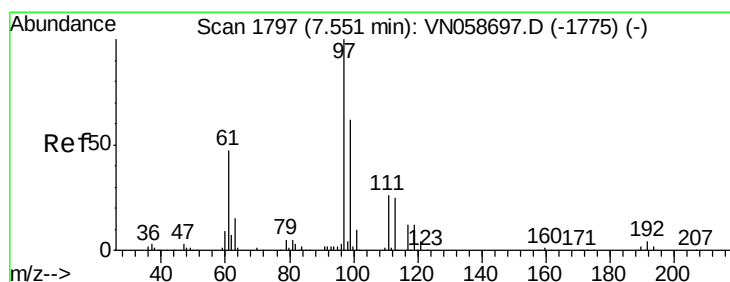
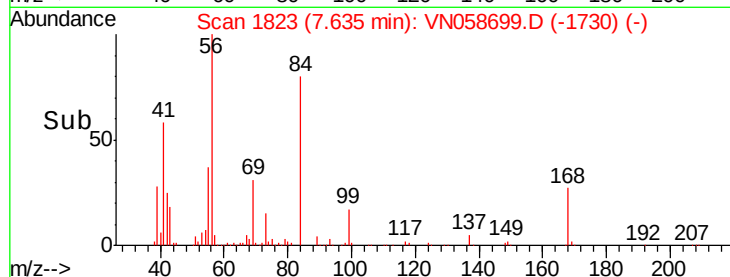
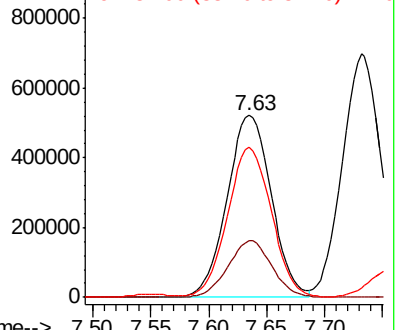


Abundance

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: 158.289 ug/l

RT: 7.55 min Scan# 1797

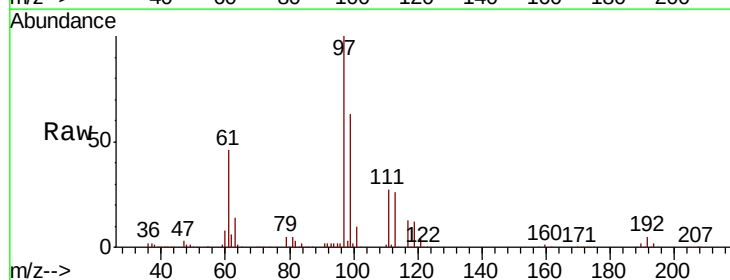
Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Tgt Ion: 97 Resp: 1275139

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.9  | 50.8  | 76.2  |
| 61  | 46.5  | 38.1  | 57.1  |

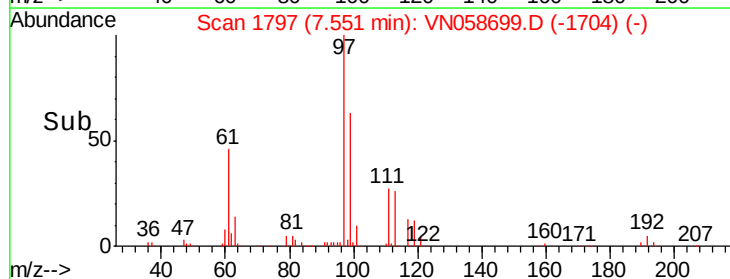
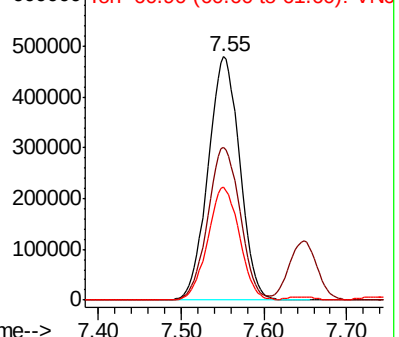


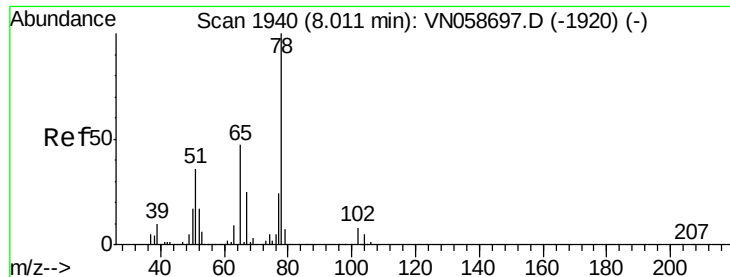
Abundance

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

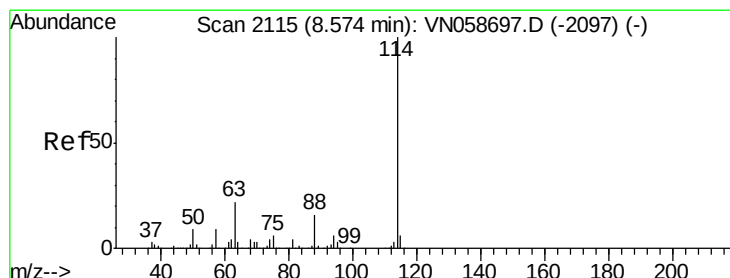
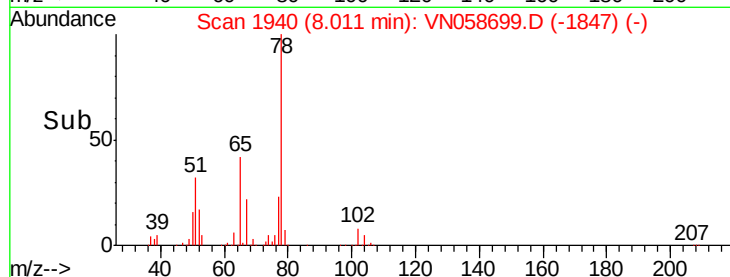
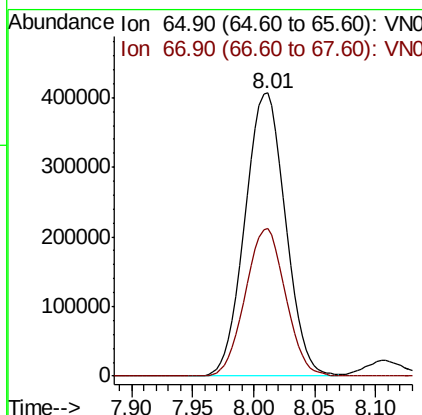
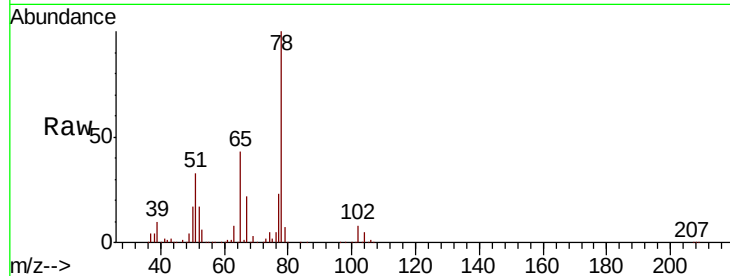




#33  
 1,2-Dichloroethane-d4  
 Concen: 139.637 ug/l  
 RT: 8.01 min Scan# 1940  
 Delta R.T. 0.00 min  
 Lab File: VN058699.D  
 Acq: 11 Oct 2019 13:20

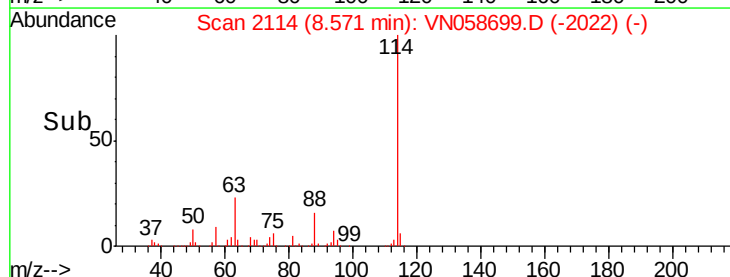
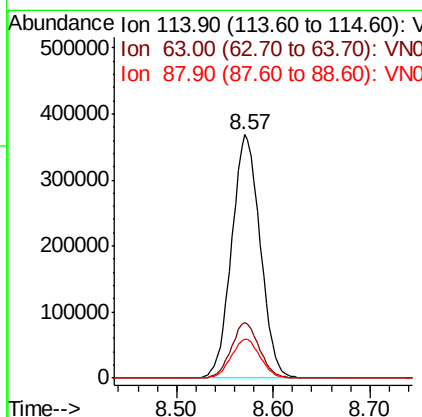
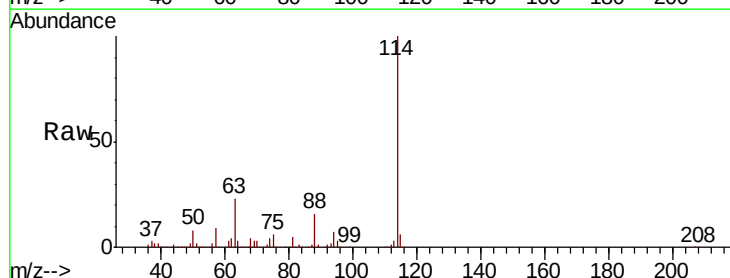
Instrument :  
 MSVOA\_N  
 ClientSampled :

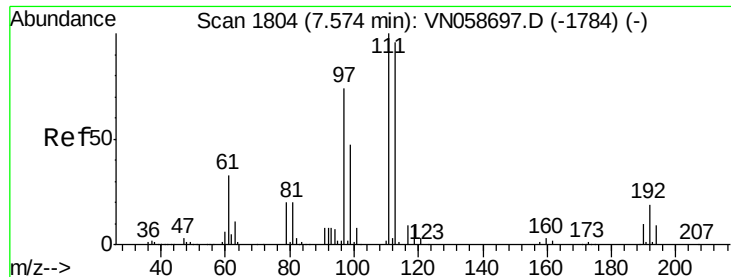
Tot Ion: 65 Resp: 935152  
 Ion Ratio Lower Upper  
 65 100  
 67 51.7 0.0 103.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2114  
 Delta R.T. -0.00 min  
 Lab File: VN058699.D  
 Acq: 11 Oct 2019 13:20

Tgt Ion: 114 Resp: 753648  
 Ion Ratio Lower Upper  
 114 100  
 63 22.9 0.0 43.8  
 88 15.9 0.0 32.0

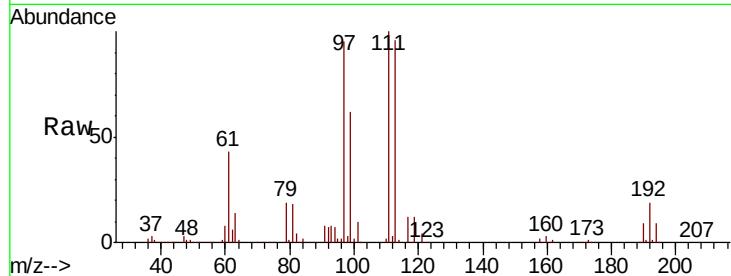




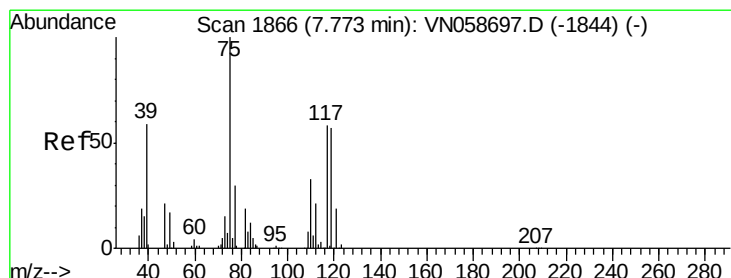
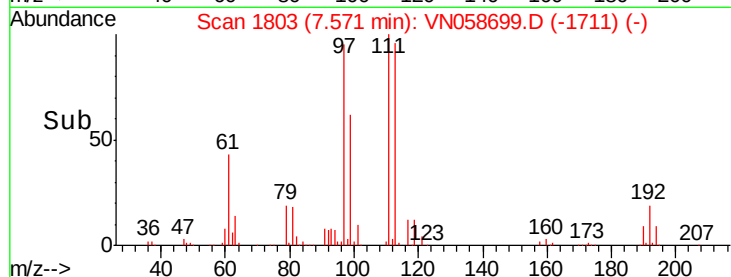
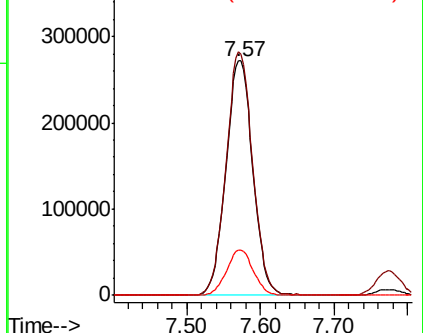
#35  
Dibromofluoromethane  
Concen: 149.016 ug/l  
RT: 7.57 min Scan# 1803  
Delta R.T. -0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:113 Resp: 686922  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.3 123.5  
192 19.4 15.0 22.6

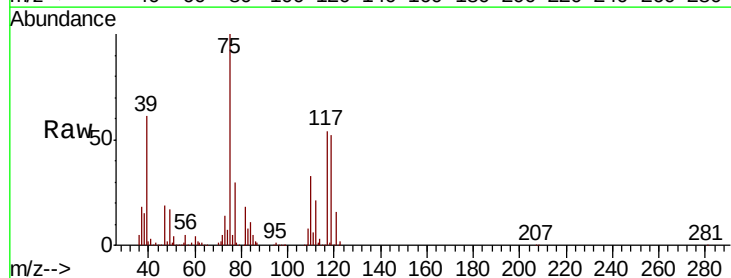


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

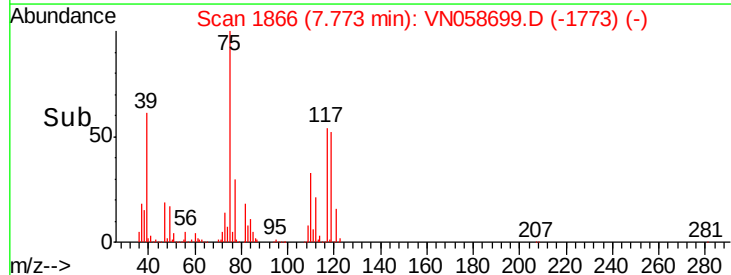
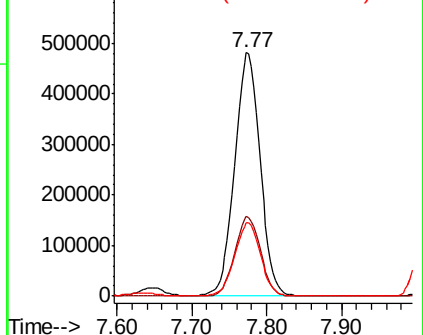


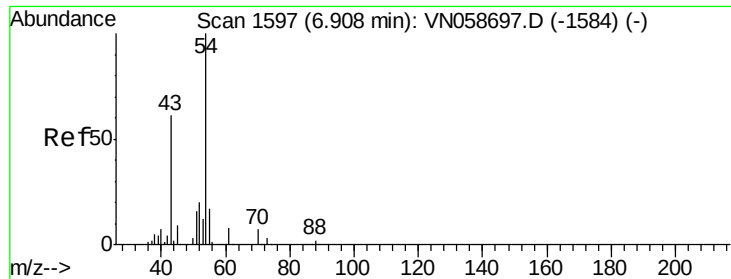
#36  
1,1-Dichloropropene  
Concen: 157.181 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Tgt Ion: 75 Resp: 1139342  
Ion Ratio Lower Upper  
75 100  
110 32.9 16.6 49.8  
77 30.8 24.6 37.0



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

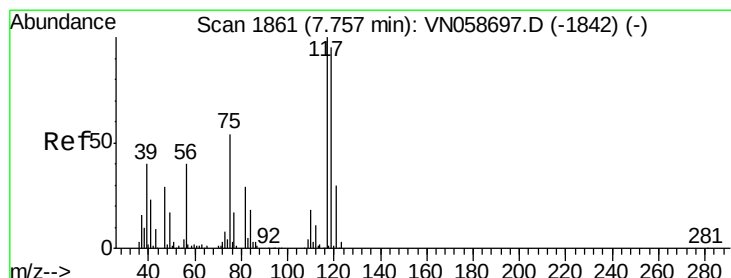
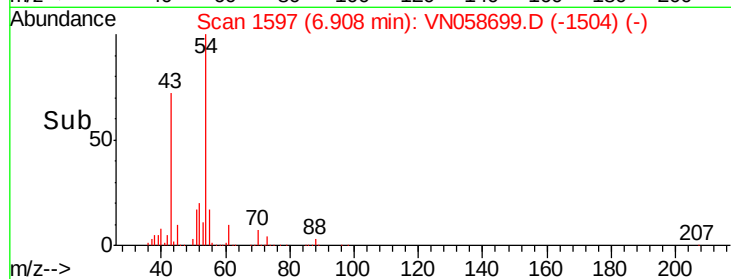
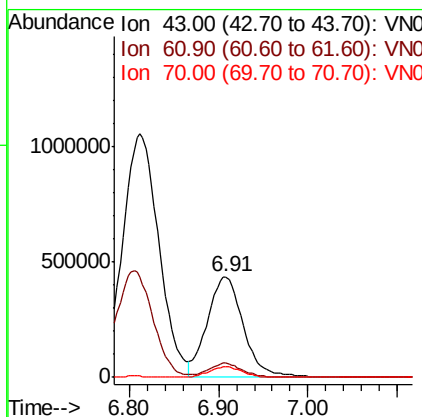
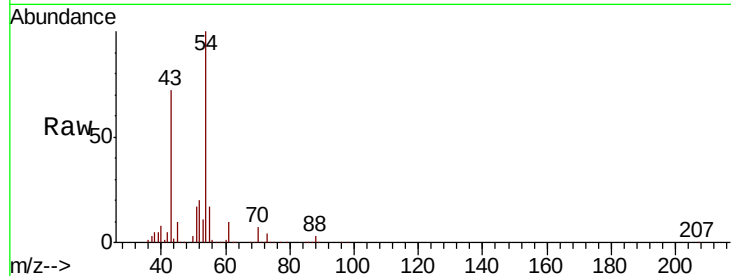




#37  
Ethyl Acetate  
Concen: 190.534 ug/l  
RT: 6.91 min Scan# 1597  
Delta R.T. 0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

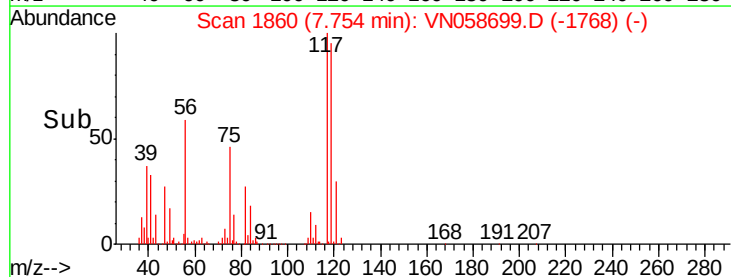
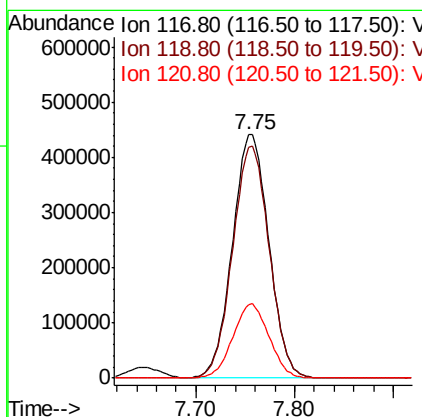
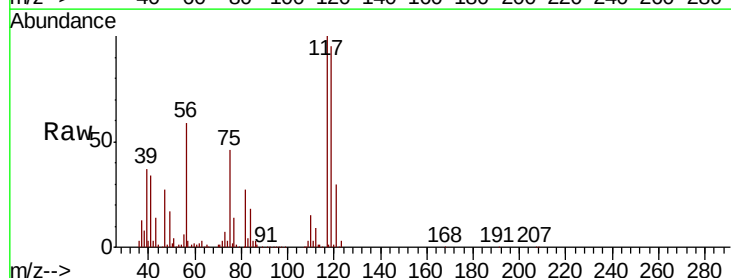
Instrument :  
MSVOA\_N  
ClientSampled :

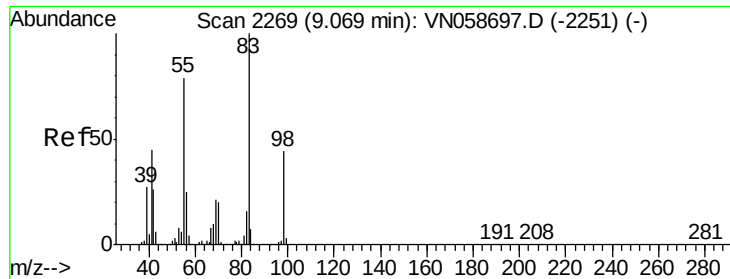
Tot Ion: 43 Resp: 1212179  
Ion Ratio Lower Upper  
43 100  
61 13.3 11.3 16.9  
70 9.8 7.2 10.8



#38  
Carbon Tetrachloride  
Concen: 169.902 ug/l  
RT: 7.75 min Scan# 1860  
Delta R.T. -0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Tgt Ion: 117 Resp: 1126422  
Ion Ratio Lower Upper  
117 100  
119 94.9 75.7 113.5  
121 30.3 23.9 35.9

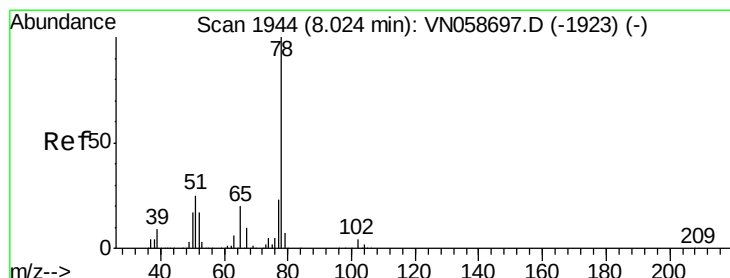
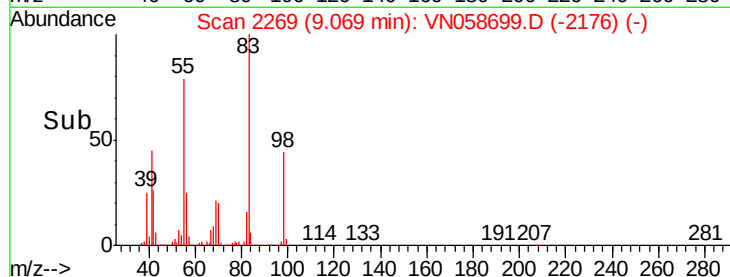
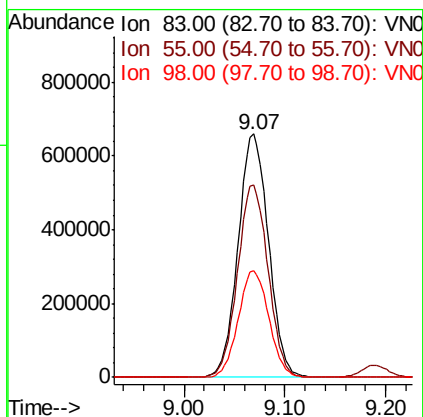
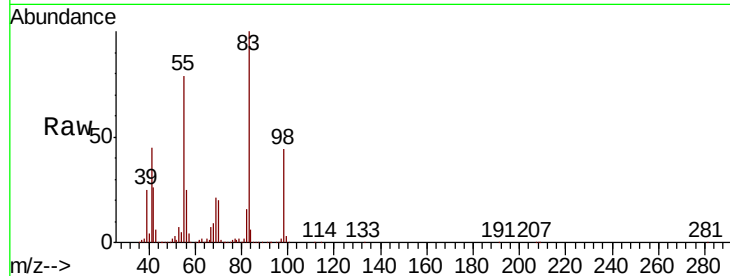




#39  
Methylvlcyclohexane  
Concen: 161.925 ug/l  
RT: 9.07 min Scan# 2269  
Delta R.T. 0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

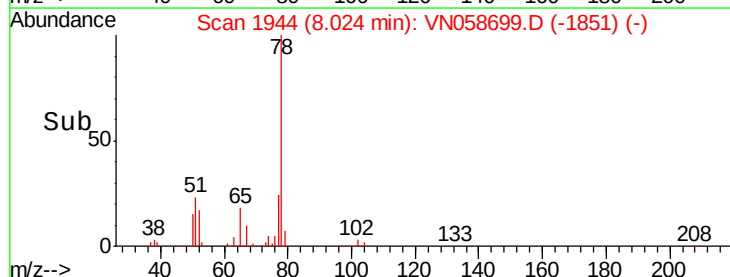
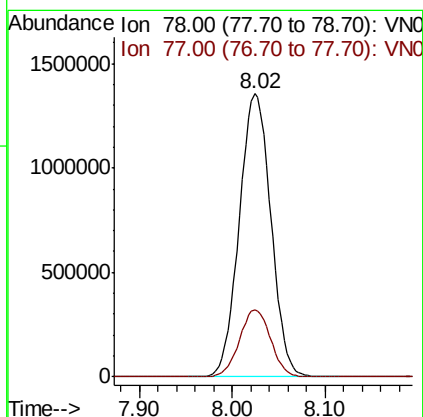
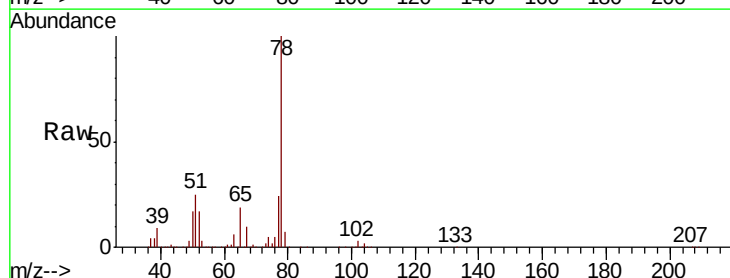
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 83 Resp: 1374453  
Ion Ratio Lower Upper  
83 100  
55 79.1 63.4 95.0  
98 43.9 35.1 52.7

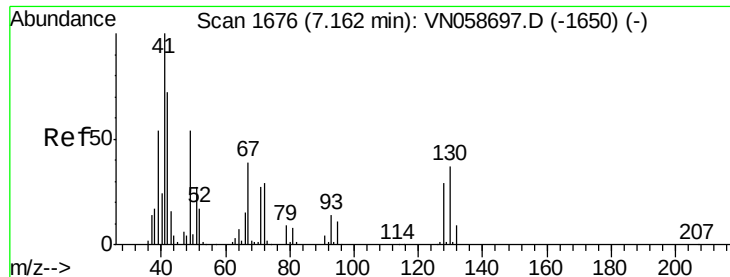


#40  
Benzene  
Concen: 154.185 ug/l  
RT: 8.02 min Scan# 1944  
Delta R.T. 0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Tgt Ion: 78 Resp: 3210751  
Ion Ratio Lower Upper  
78 100  
77 23.8 18.8 28.2



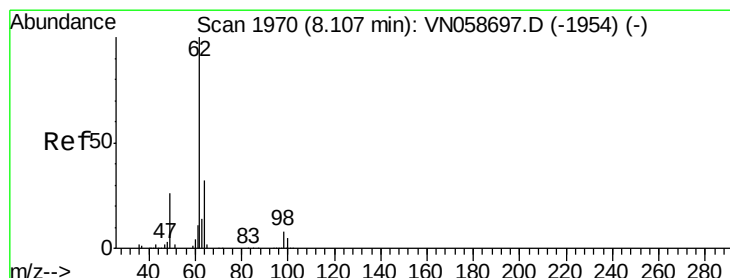
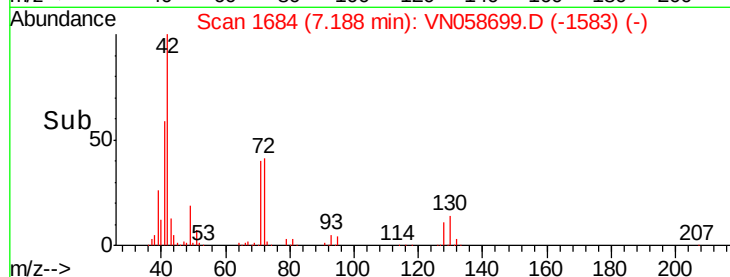
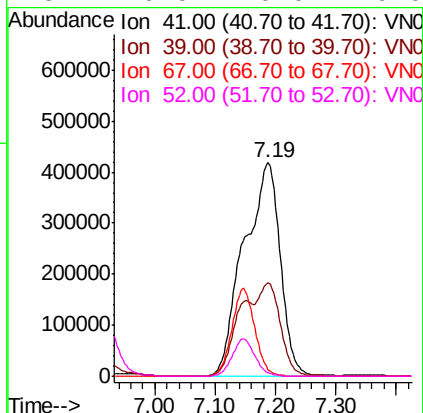
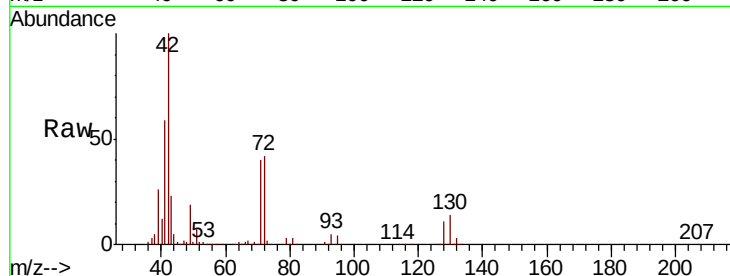




#41  
Methacrylonitrile  
Concen: 590.453 ug/l  
RT: 7.19 min Scan# 1684  
Delta R.T. 0.03 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

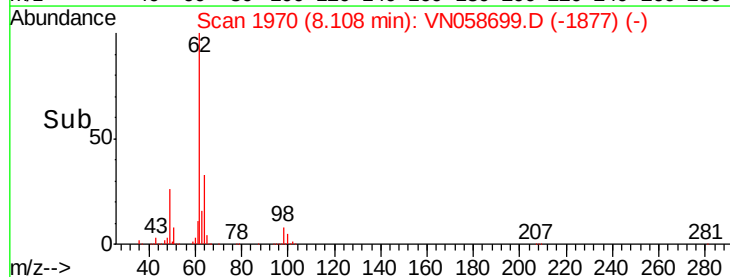
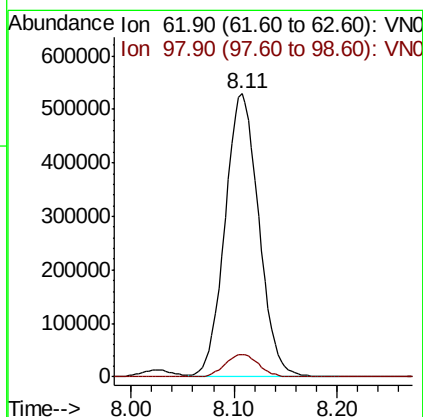
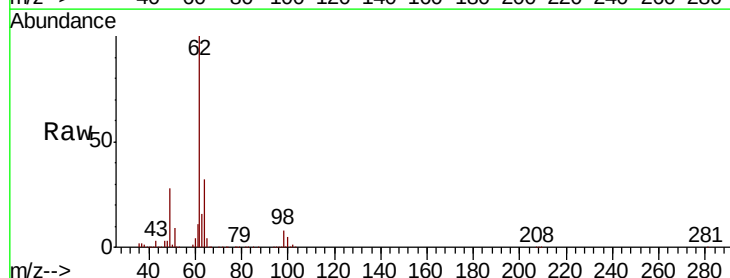
Instrument :  
MSVOA\_N  
ClientSampleId :

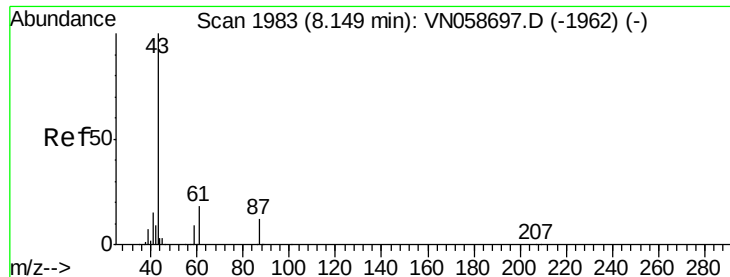
Tot Ion: 41 Resp: 1761385  
Ion Ratio Lower Upper  
41 100  
39 0.0 115.4 173.2#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 149.287 ug/l  
RT: 8.11 min Scan# 1970  
Delta R.T. 0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Tgt Ion: 62 Resp: 1208921  
Ion Ratio Lower Upper  
62 100  
98 7.9 0.0 15.8





#43

Isopropyl Acetate

Concen: 172.929 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

ClientSampleId :

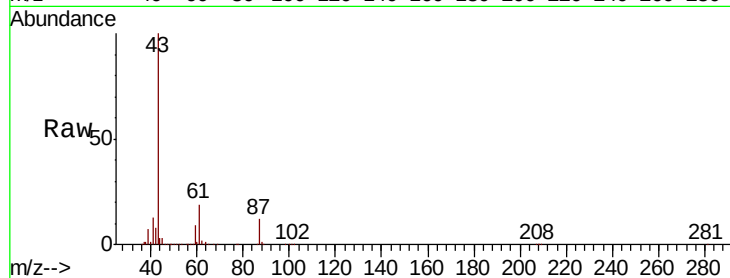
Tot Ion: 43 Resp: 2037558

Ion Ratio Lower Upper

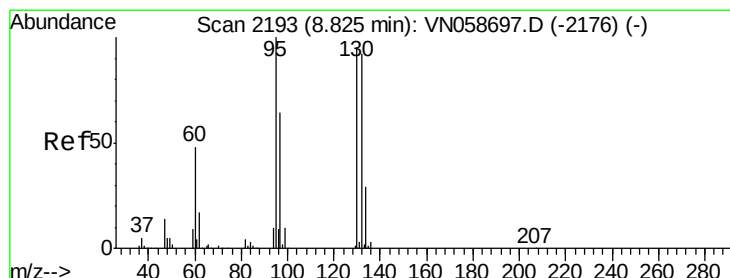
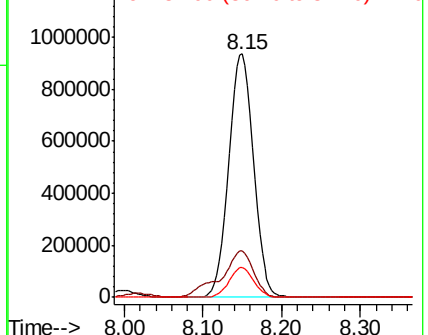
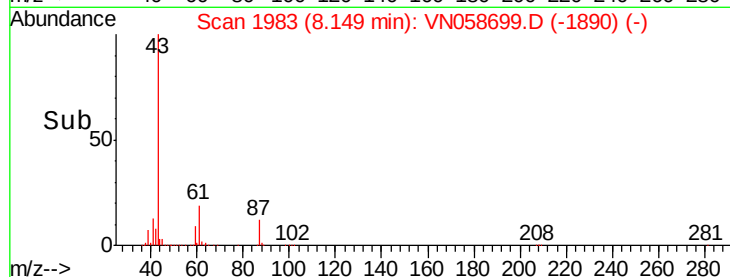
43 100

61 25.0 20.3 30.5

87 12.1 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN058699.D (-1890) (-)



#44

Trichloroethene

Concen: 156.351 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN058699.D

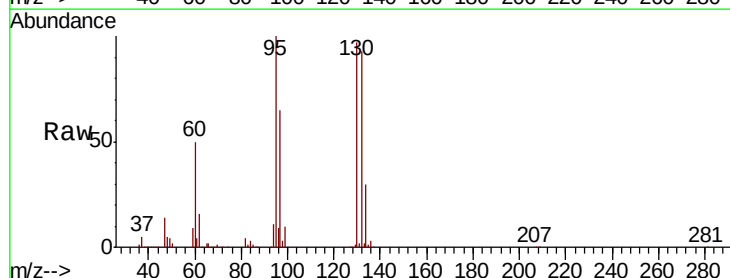
Acq: 11 Oct 2019 13:20

Tgt Ion:130 Resp: 802777

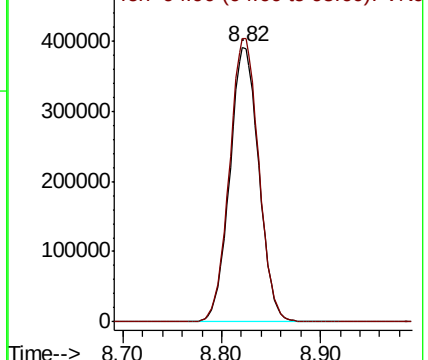
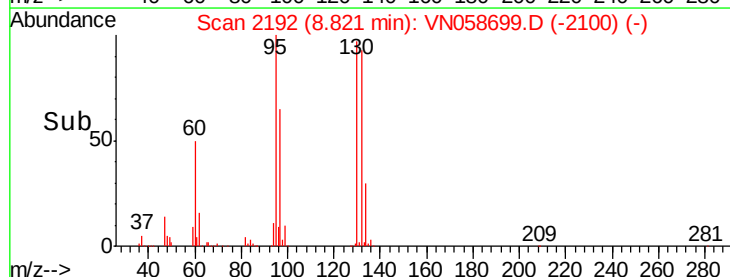
Ion Ratio Lower Upper

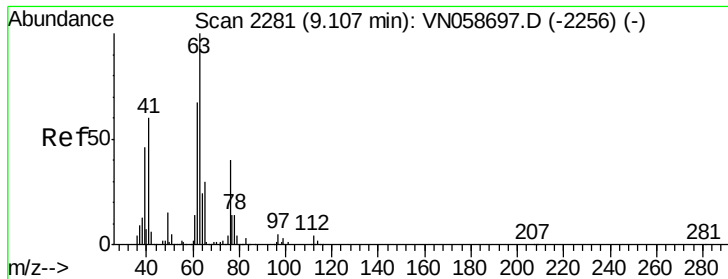
130 100

95 103.1 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN058699.D (-2100) (-)

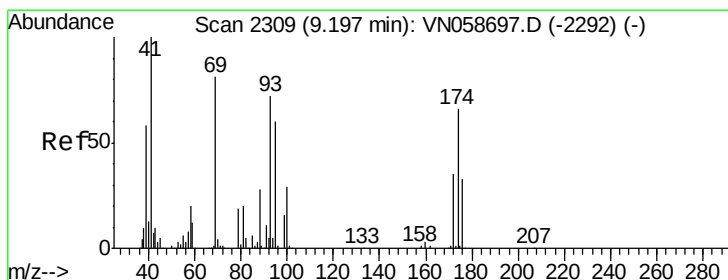
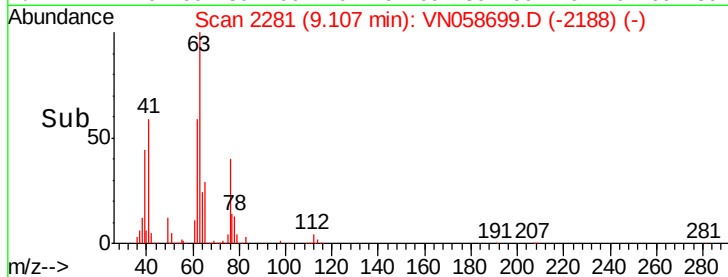
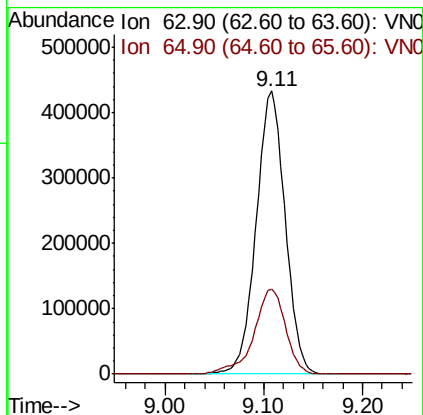
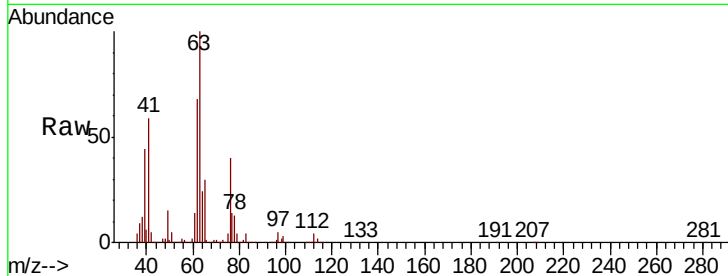




#45  
 1,2-Dichloropropane  
 Concen: 156.871 ug/l  
 RT: 9.11 min Scan# 2281  
 Delta R.T. 0.00 min  
 Lab File: VN058699.D  
 Acq: 11 Oct 2019 13:20

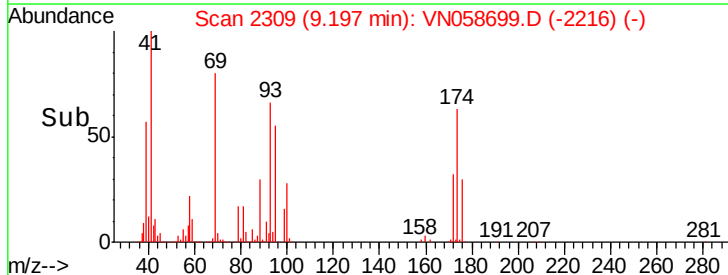
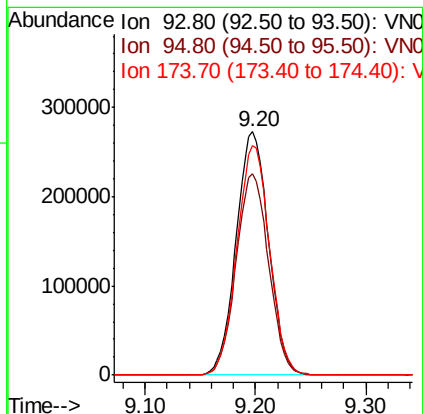
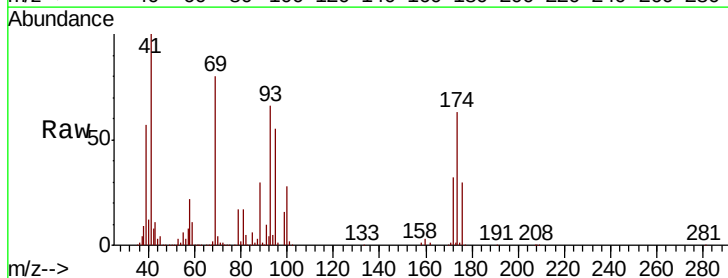
Instrument :  
 MSVOA\_N  
 ClientSampleId :

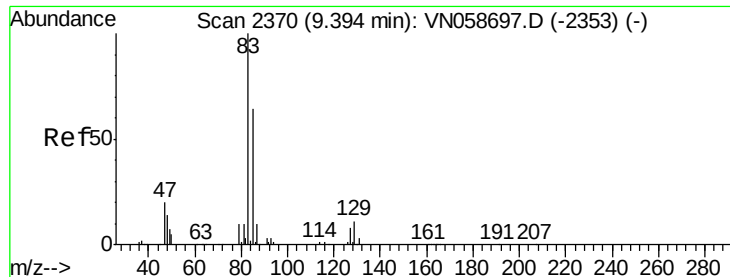
Tot Ion: 63 Resp: 876979  
 Ion Ratio Lower Upper  
 63 100  
 65 30.2 24.1 36.1



#46  
 Dibromomethane  
 Concen: 156.824 ug/l  
 RT: 9.20 min Scan# 2309  
 Delta R.T. 0.00 min  
 Lab File: VN058699.D  
 Acq: 11 Oct 2019 13:20

Tgt Ion: 93 Resp: 556428  
 Ion Ratio Lower Upper  
 93 100  
 95 83.0 66.6 100.0  
 174 94.8 75.2 112.8





#47

Bromodichloromethane

Concen: 171.352 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

ClientSampleId :

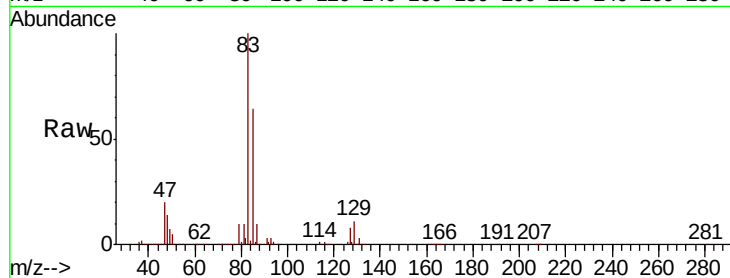
Tot Ion: 83 Resp: 1161048

Ion Ratio Lower Upper

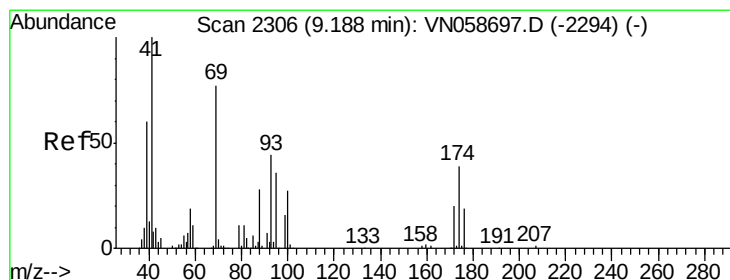
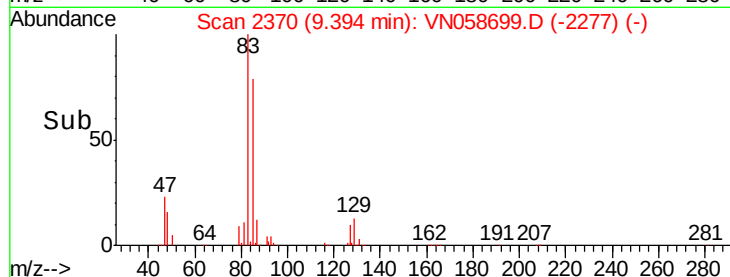
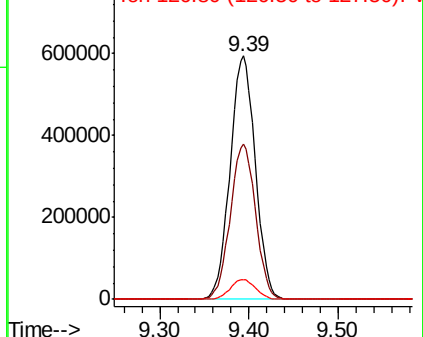
83 100

85 63.9 50.9 76.3

127 8.1 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VNO  
Ion 84.90 (84.60 to 85.60): VNO  
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 180.022 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

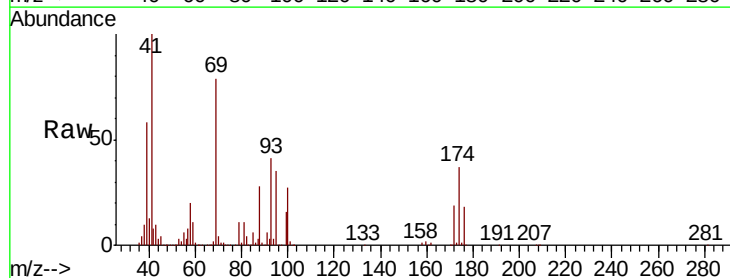
Tgt Ion: 41 Resp: 963759

Ion Ratio Lower Upper

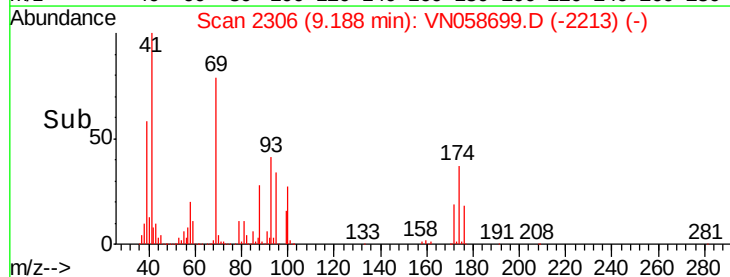
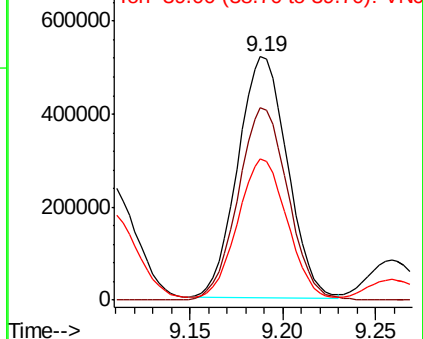
41 100

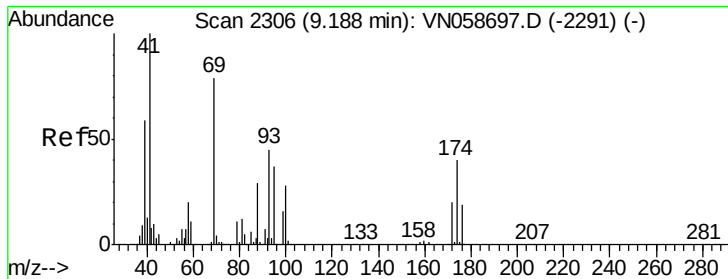
69 80.3 63.4 95.2

39 58.9 48.9 73.3



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

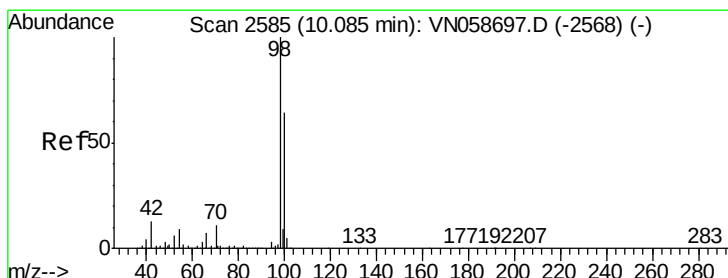
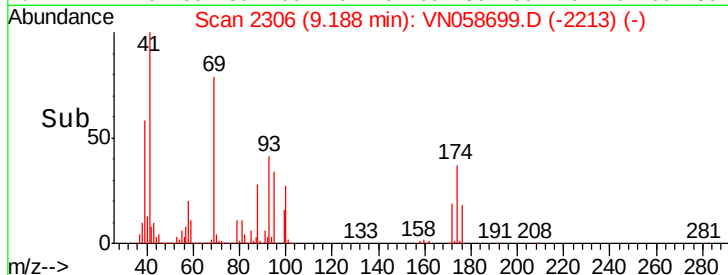
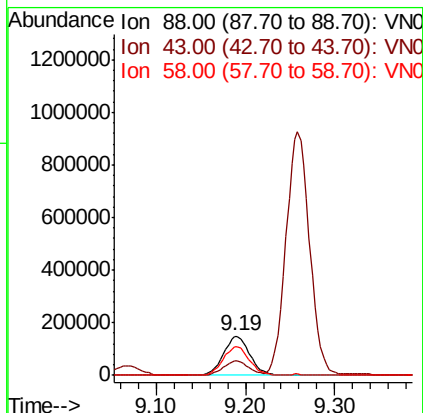
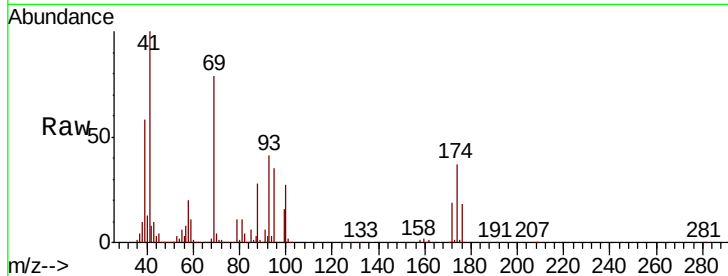




#49  
 1,4-Dioxane  
 Concen: 4189.244 ug/l  
 RT: 9.19 min Scan# 2306  
 Delta R.T. 0.00 min  
 Lab File: VN058699.D  
 Acq: 11 Oct 2019 13:20

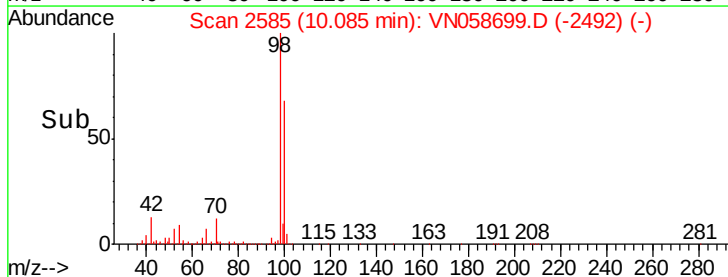
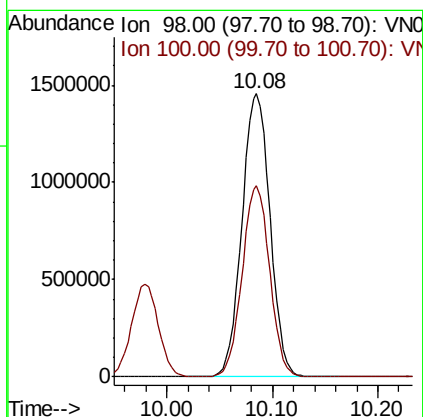
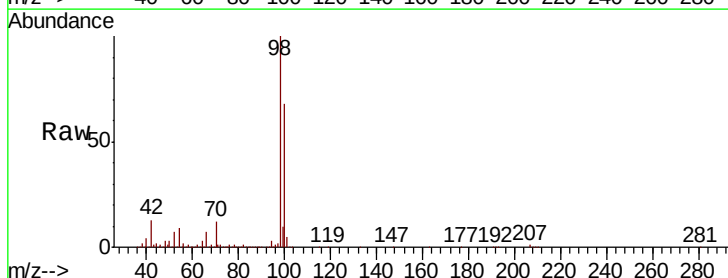
Instrument :  
 MSVOA\_N  
 ClientSampleId :

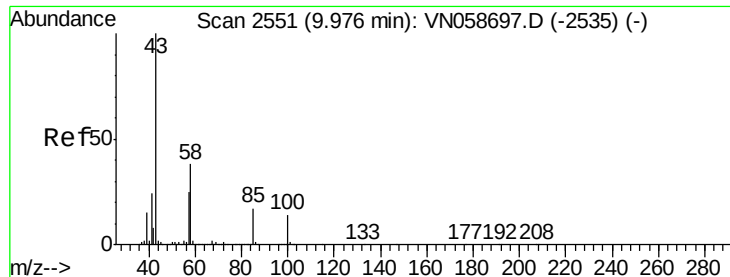
Tot Ion: 88 Resp: 305084  
 Ion Ratio Lower Upper  
 88 100  
 43 35.0 28.6 43.0  
 58 72.5 57.2 85.8



#50  
 Toluene-d8  
 Concen: 148.817 ug/l  
 RT: 10.08 min Scan# 2585  
 Delta R.T. 0.00 min  
 Lab File: VN058699.D  
 Acq: 11 Oct 2019 13:20

Tgt Ion: 98 Resp: 2695534  
 Ion Ratio Lower Upper  
 98 100  
 100 66.2 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 818.960 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

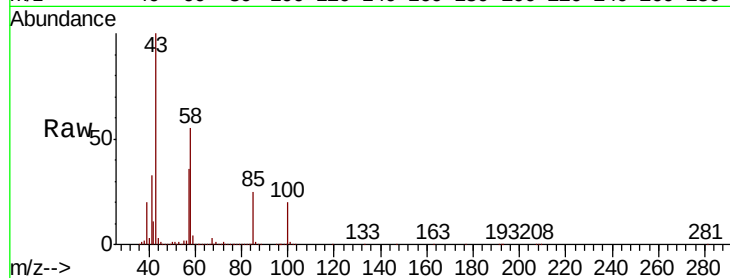
ClientSampleId :

Tot Ion: 43 Resp: 5053742

Ion Ratio Lower Upper

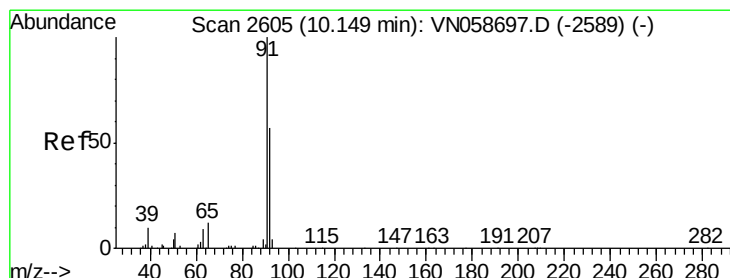
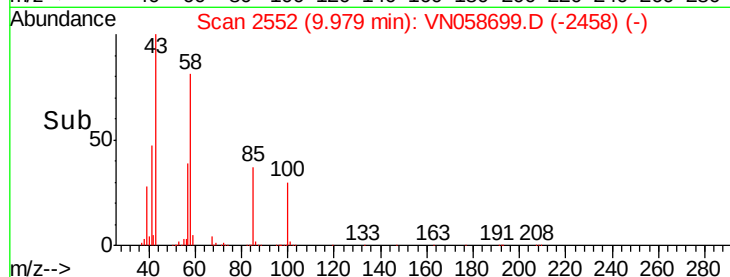
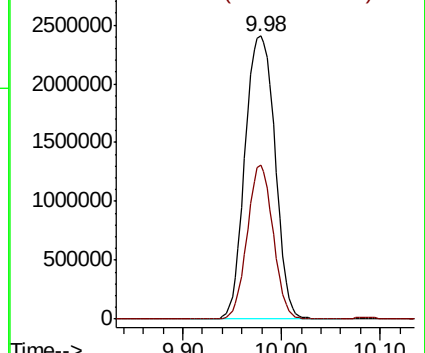
43 100

58 47.0 30.3 45.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 155.869 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058699.D

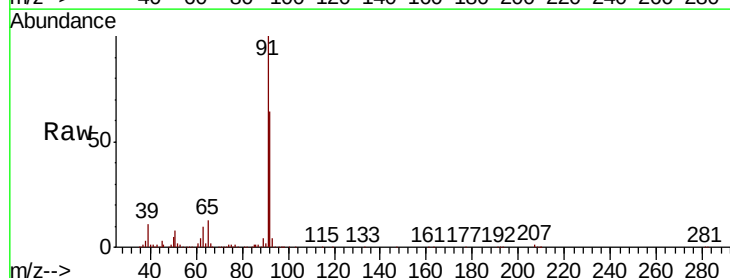
Acq: 11 Oct 2019 13:20

Tgt Ion: 92 Resp: 2046752

Ion Ratio Lower Upper

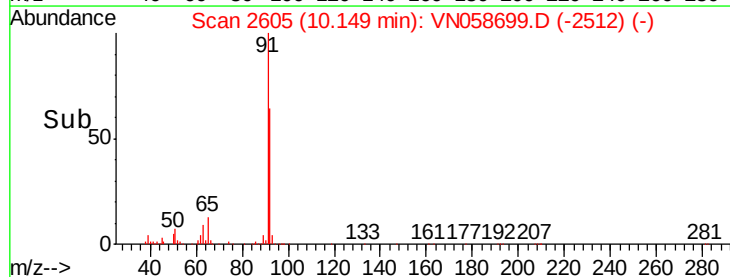
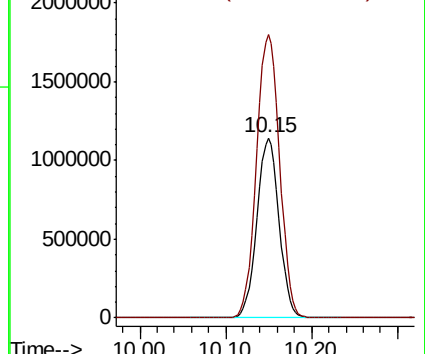
92 100

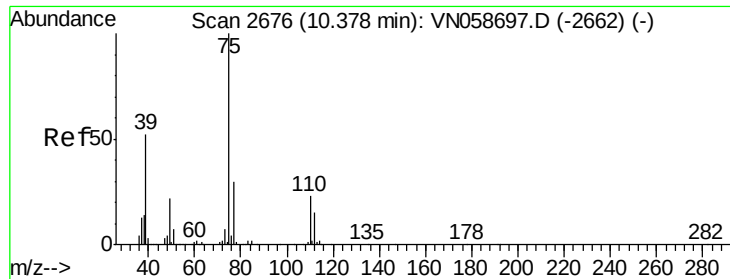
91 165.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 187.807 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

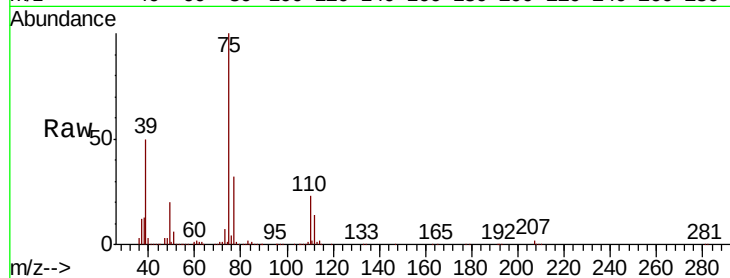
ClientSampleId :

Tot Ion: 75 Resp: 1389212

Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

800000

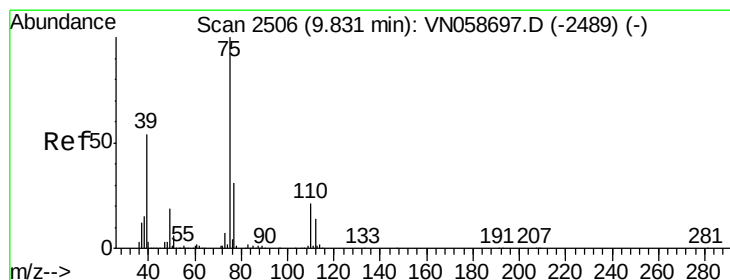
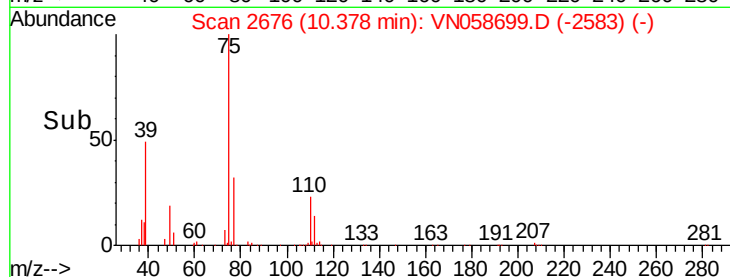
600000

400000

200000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 177.765 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

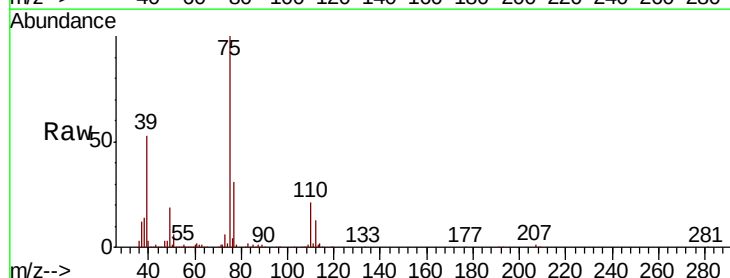
Tgt Ion: 75 Resp: 1450895

Ion Ratio Lower Upper

75 100

77 31.4 24.4 36.6

39 52.5 43.1 64.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

1000000

800000

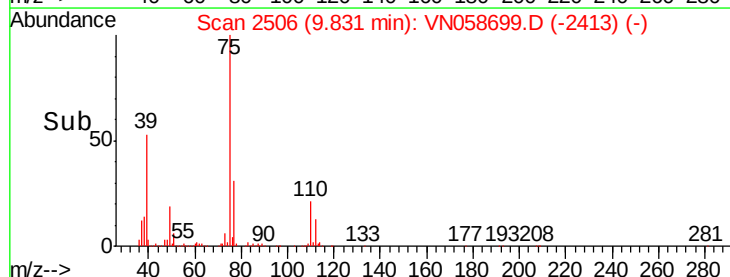
600000

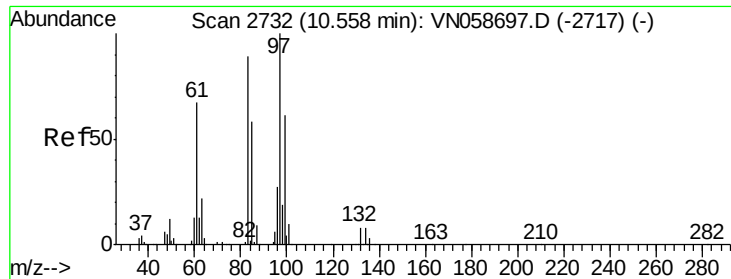
400000

200000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 164.694 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 97 Resp: 790039

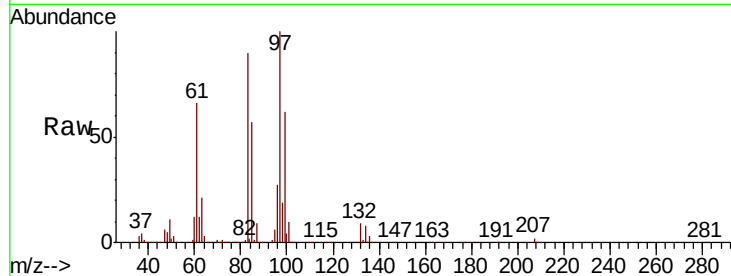
Ion Ratio Lower Upper

97 100

83 89.7 71.2 106.8

85 57.3 46.7 70.1

99 62.3 49.0 73.6

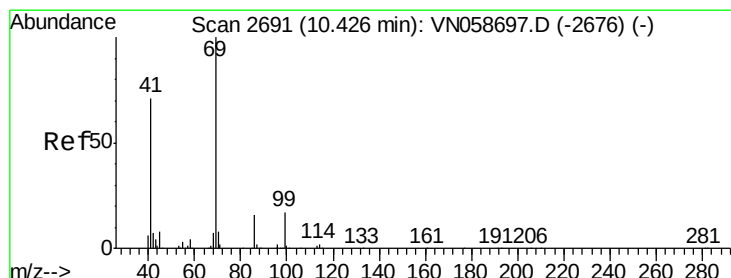
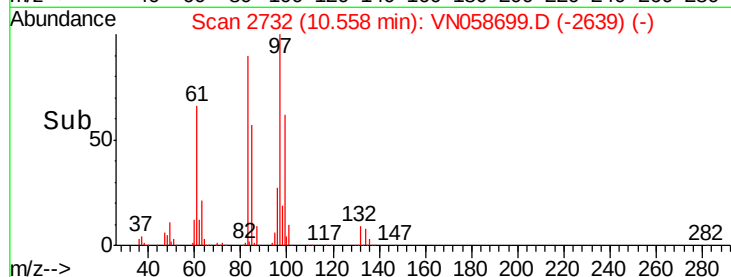
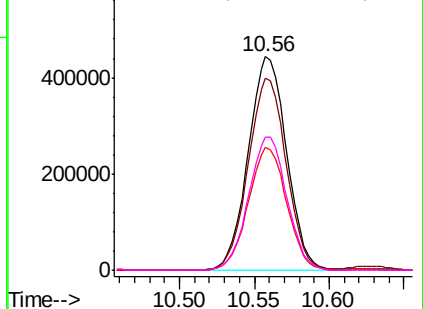


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 187.944 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

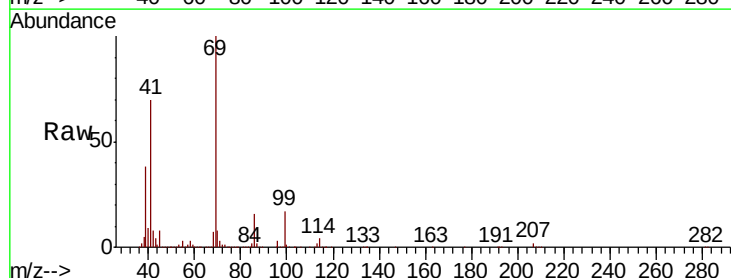
Tgt Ion: 69 Resp: 1377782

Ion Ratio Lower Upper

69 100

41 70.0 56.8 85.2

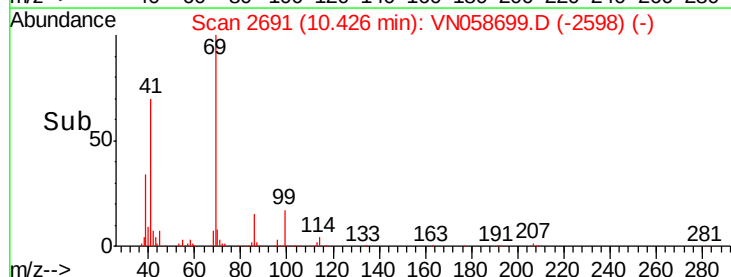
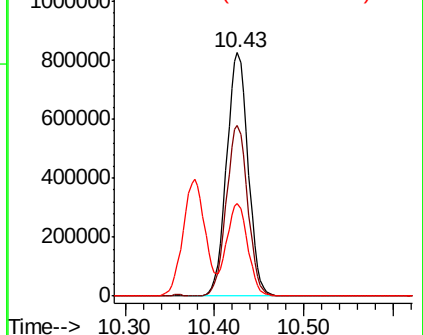
39 37.5 32.5 48.7



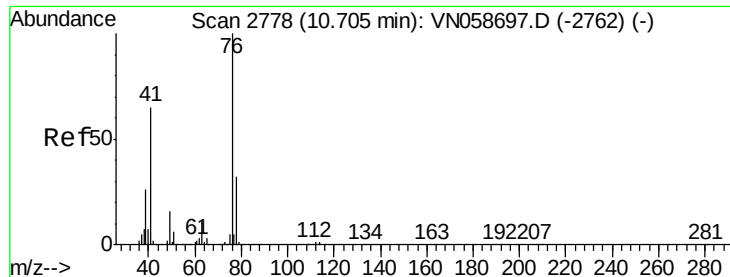
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0







#57

1,3-Dichloropropane

Concen: 163.890 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

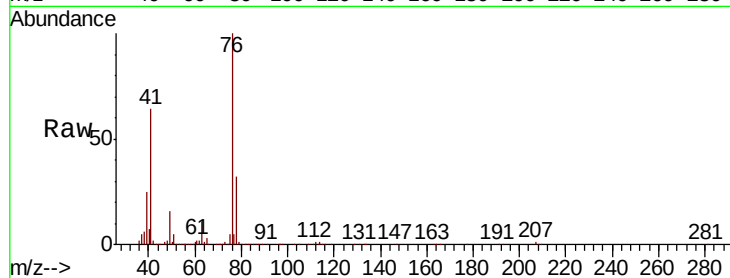
ClientSampled :

Tot Ion: 76 Resp: 1403162

Ion Ratio Lower Upper

76 100

78 32.1 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

800000

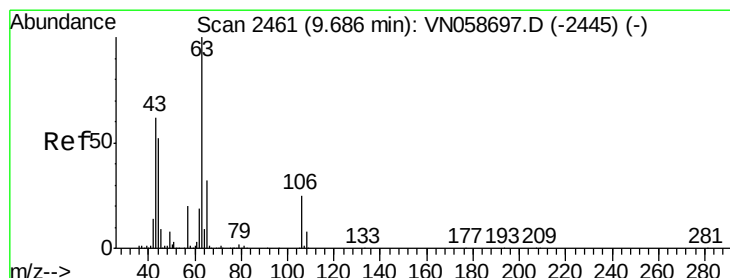
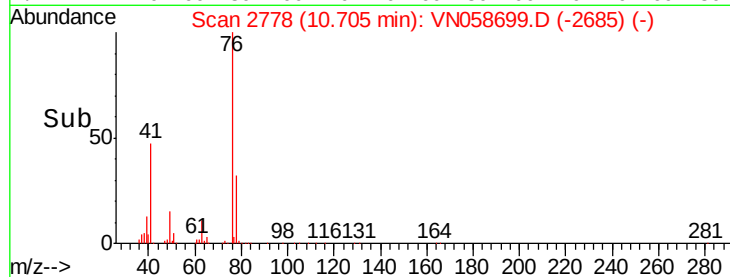
600000

400000

200000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 1022.306 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN058699.D

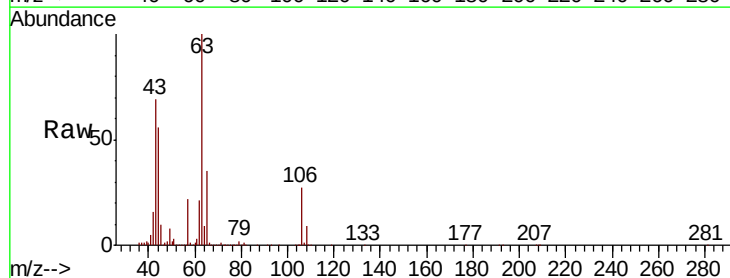
Acq: 11 Oct 2019 13:20

Tgt Ion: 63 Resp: 3101169

Ion Ratio Lower Upper

63 100

106 26.1 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

2000000

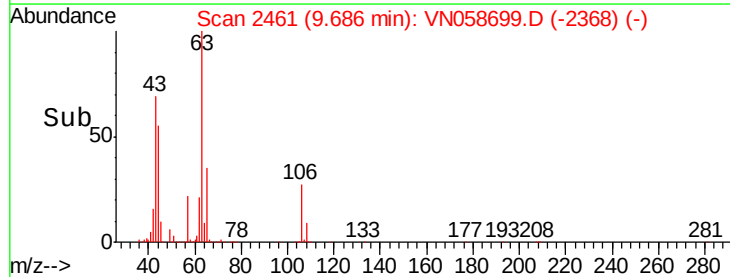
1500000

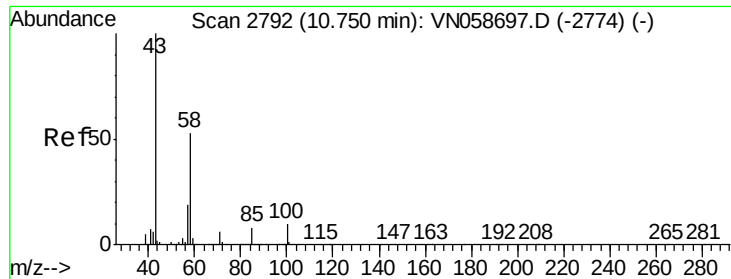
1000000

500000

0

Time-->

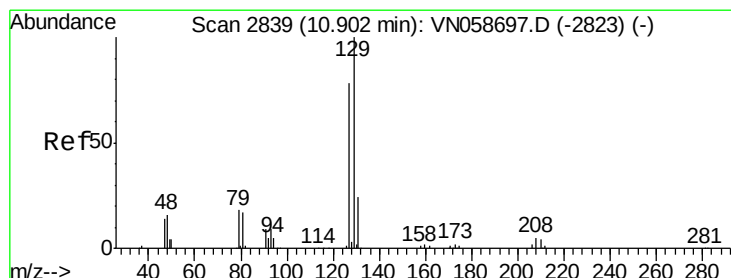
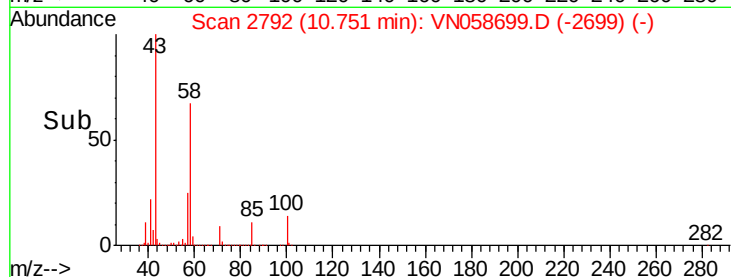
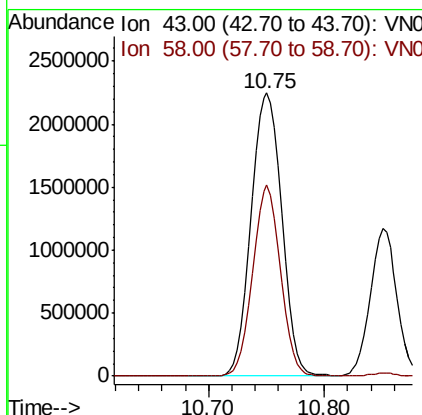
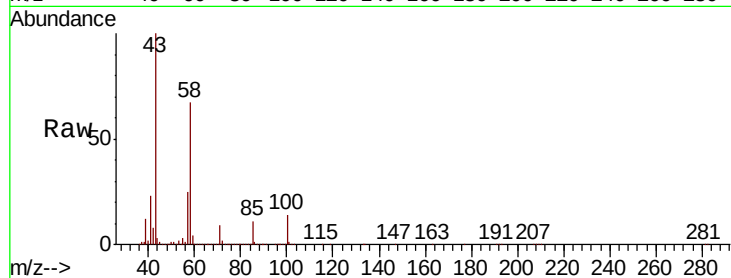




#59  
2-Hexanone  
Concen: 915.805 ug/l  
RT: 10.75 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

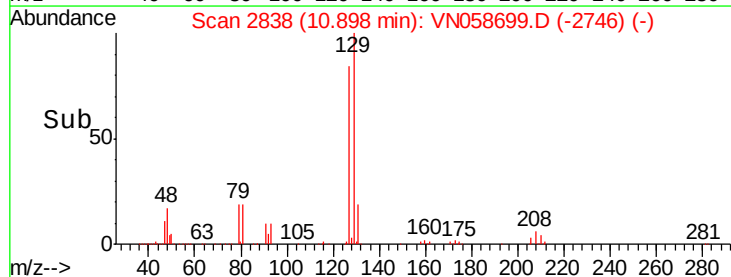
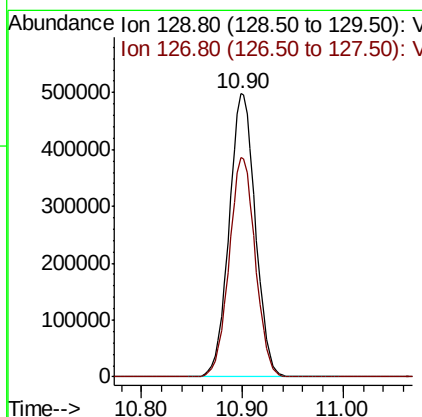
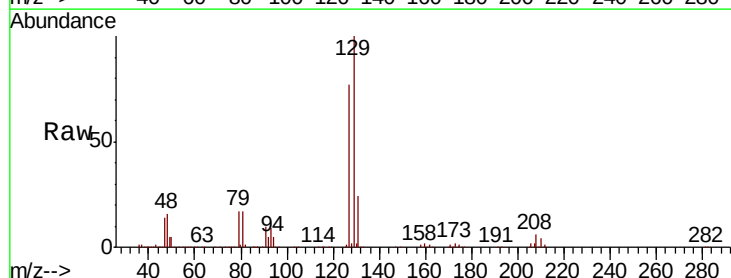
Instrument :  
MSVOA\_N  
ClientSampled :

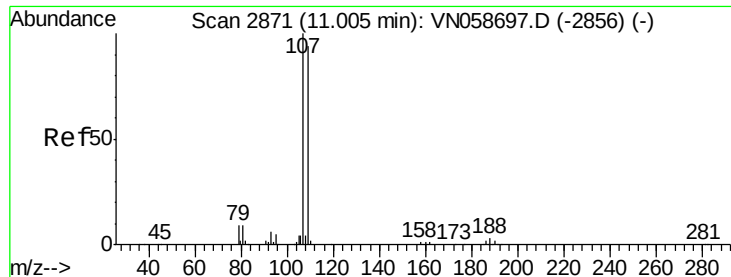
Tot Ion: 43 Resp: 4161264  
Ion Ratio Lower Upper  
43 100  
58 61.1 26.1 78.3



#60  
Dibromochloromethane  
Concen: 194.294 ug/l  
RT: 10.90 min Scan# 2838  
Delta R.T. -0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Tgt Ion: 129 Resp: 900064  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.5 115.3

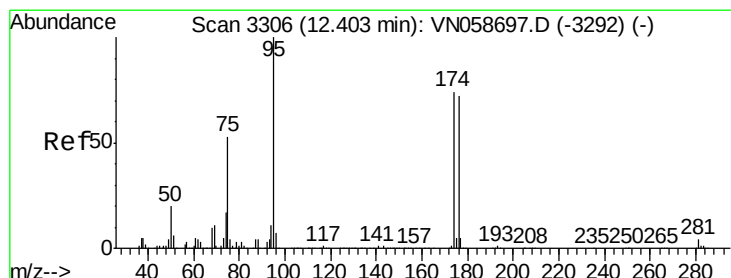
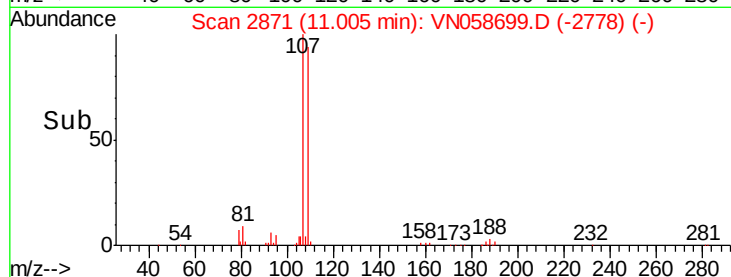
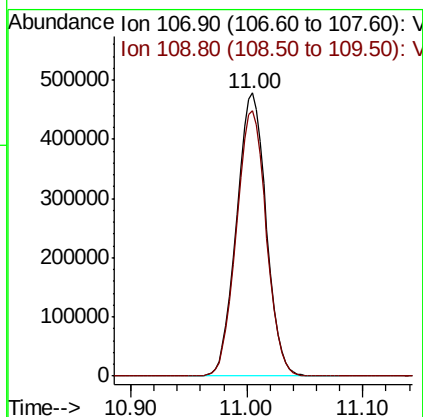
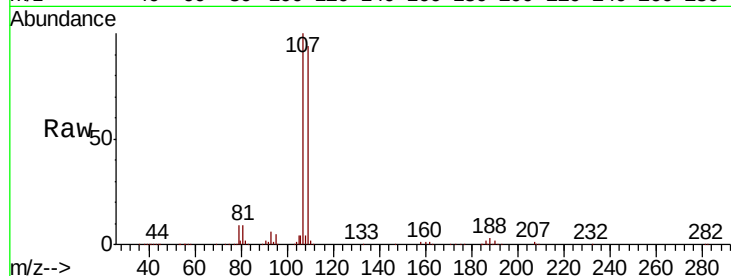




#61  
 1,2-Dibromoethane  
 Concen: 171.848 ug/l  
 RT: 11.00 min Scan# 2871  
 Delta R.T. 0.00 min  
 Lab File: VN058699.D  
 Acq: 11 Oct 2019 13:20

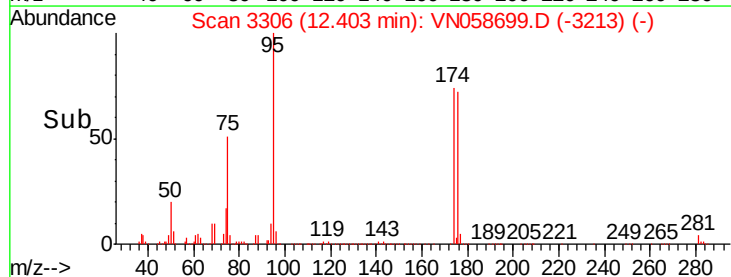
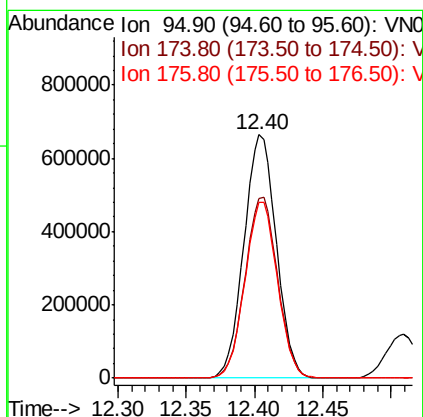
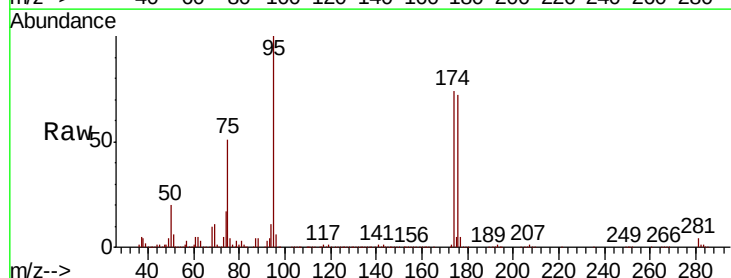
Instrument :  
 MSVOA\_N  
 ClientSampled :

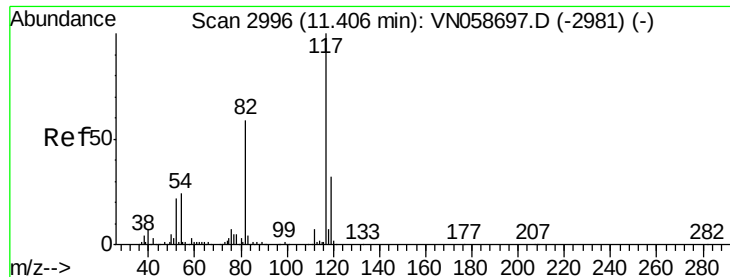
Tot Ion:107 Resp: 845754  
 Ion Ratio Lower Upper  
 107 100  
 109 94.7 75.4 113.0



#62  
 4-Bromofluorobenzene  
 Concen: 165.208 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.00 min  
 Lab File: VN058699.D  
 Acq: 11 Oct 2019 13:20

Tgt Ion: 95 Resp: 1093648  
 Ion Ratio Lower Upper  
 95 100  
 174 75.0 0.0 150.4  
 176 72.8 0.0 146.8

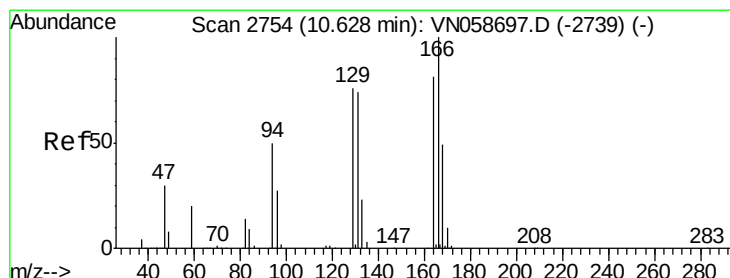
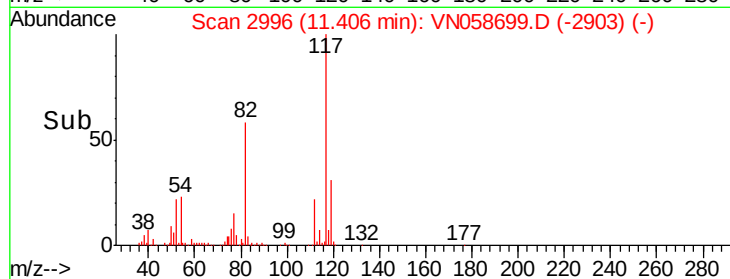
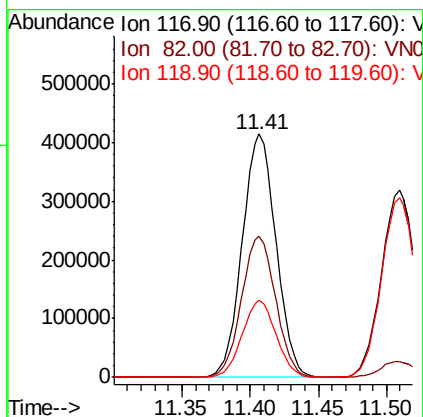
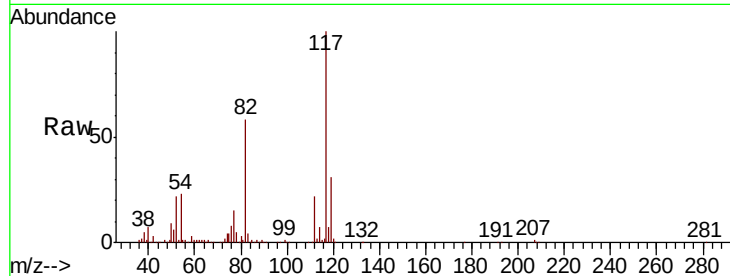




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

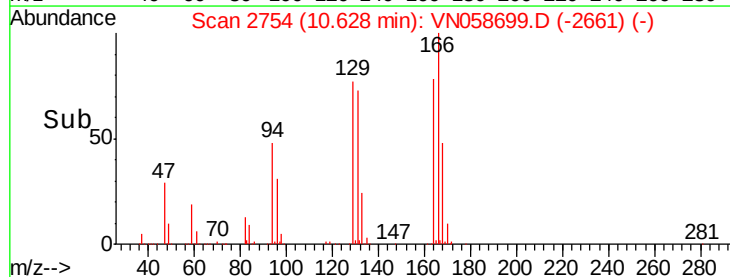
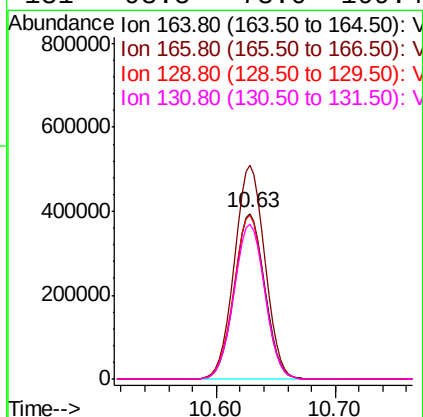
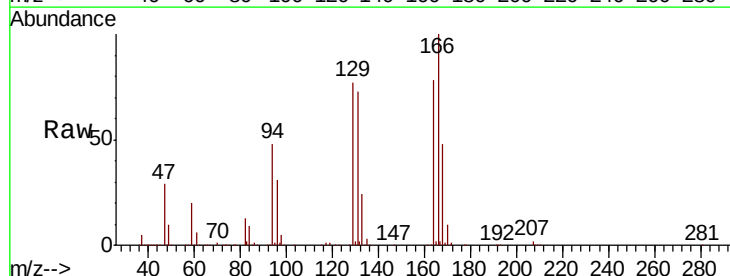
Instrument :  
MSVOA\_N  
ClientSampled :

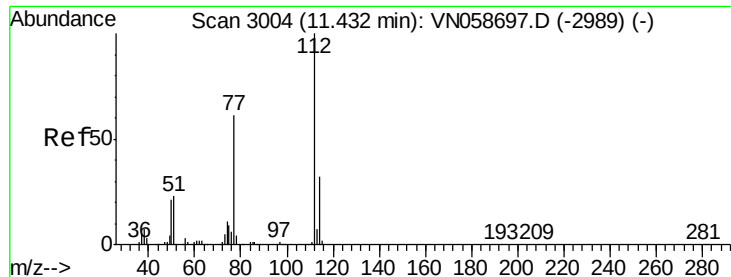
Tot Ion:117 Resp: 713129  
Ion Ratio Lower Upper  
117 100  
82 58.0 47.0 70.4  
119 31.5 25.4 38.2



#64  
Tetrachloroethene  
Concen: 152.379 ug/l  
RT: 10.63 min Scan# 2754  
Delta R.T. 0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Tgt Ion:164 Resp: 698993  
Ion Ratio Lower Upper  
164 100  
166 128.9 99.3 148.9  
129 99.0 75.2 112.8  
131 93.5 73.0 109.4





#65

Chlorobenzene

Concen: 151.113 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

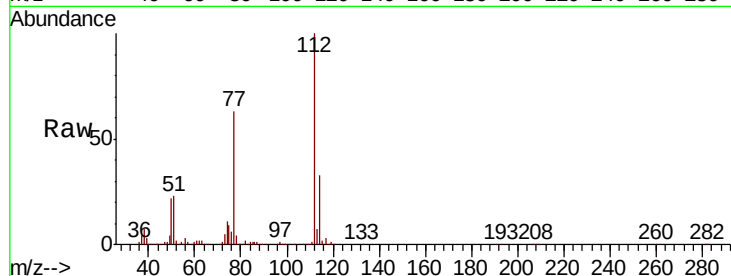
ClientSampled :

Tot Ion:112 Resp: 2143902

Ion Ratio Lower Upper

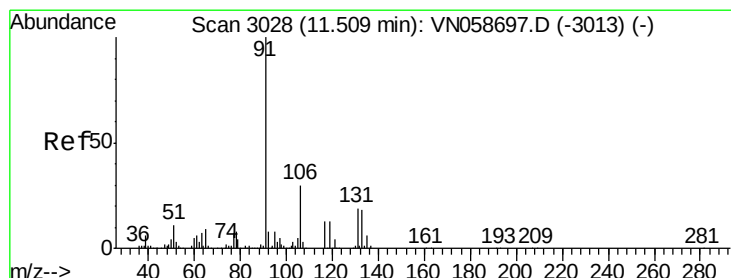
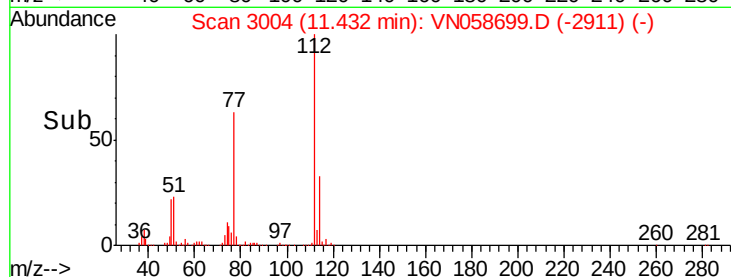
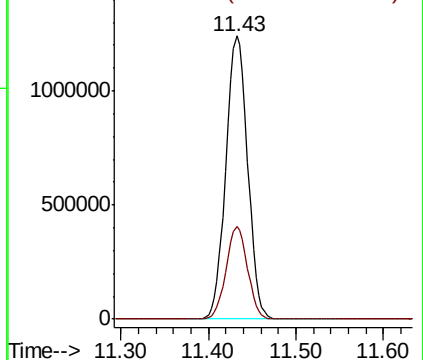
112 100

114 32.6 25.2 37.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 166.436 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

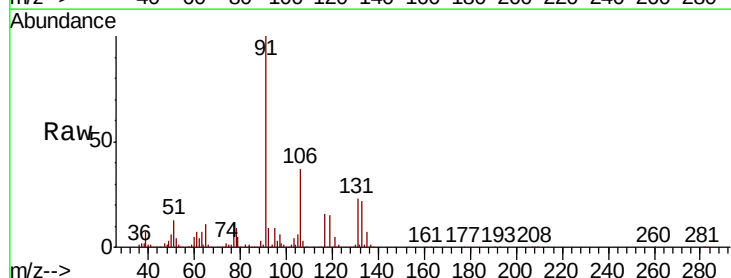
Tgt Ion:131 Resp: 803818

Ion Ratio Lower Upper

131 100

133 95.5 47.6 142.9

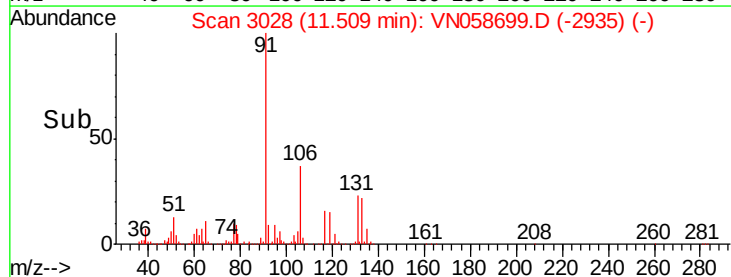
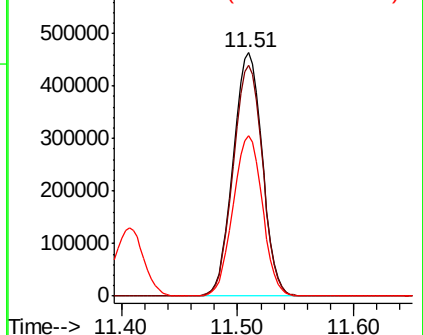
119 66.3 33.0 98.9

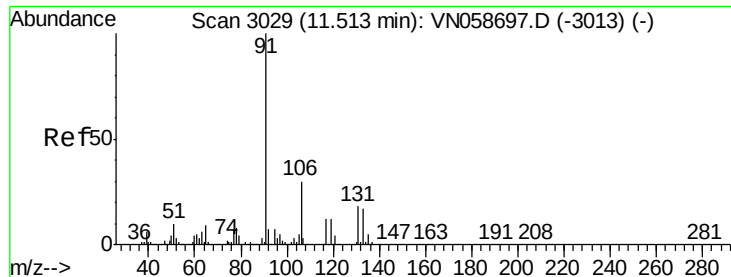


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

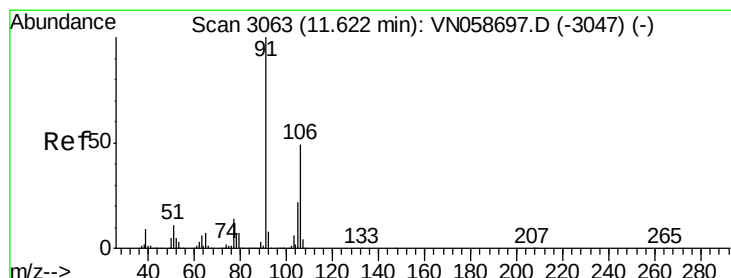
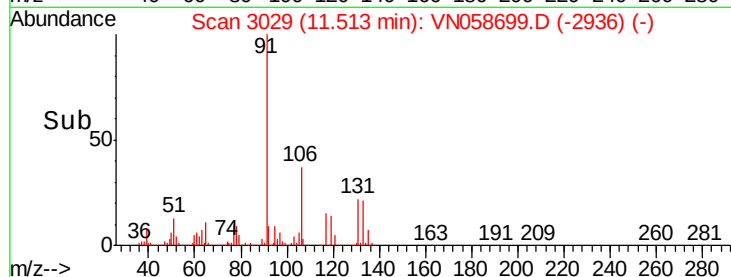
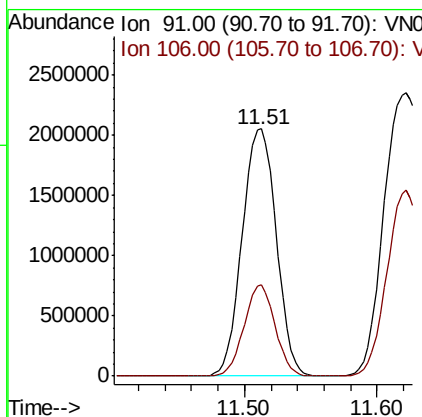
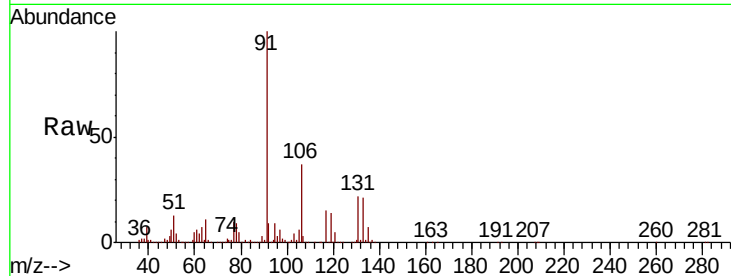




#67  
Ethyl Benzene  
Concen: 142.456 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

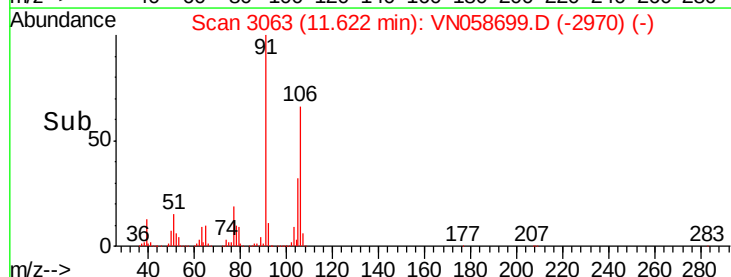
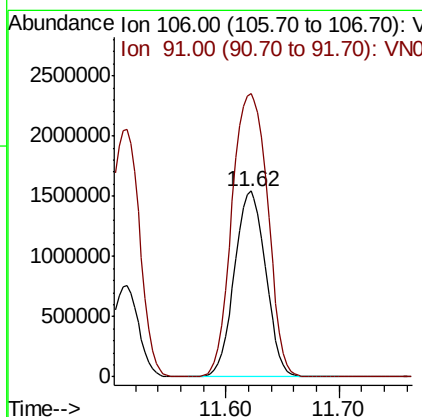
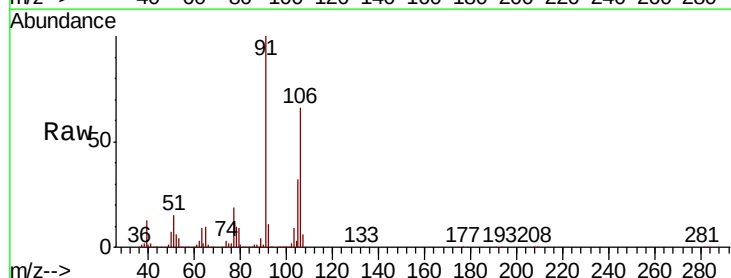
Instrument :  
MSVOA\_N  
ClientSampled :

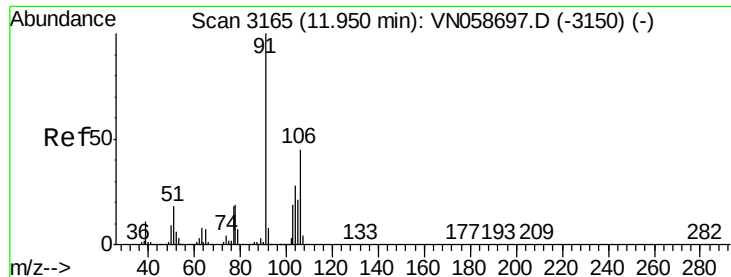
Tot Ion: 91 Resp: 3666516  
Ion Ratio Lower Upper  
91 100  
106 36.9 24.1 36.1#



#68  
m/p-Xylenes  
Concen: 306.667 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Tgt Ion: 106 Resp: 2969927  
Ion Ratio Lower Upper  
106 100  
91 174.0 165.7 248.5





#69

o-Xylene

Concen: 156.929 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

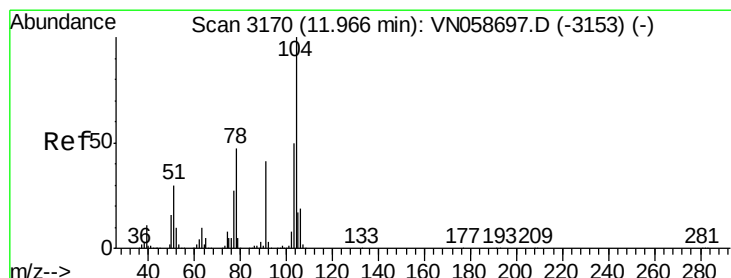
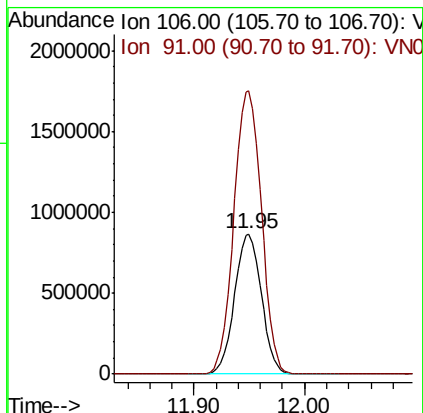
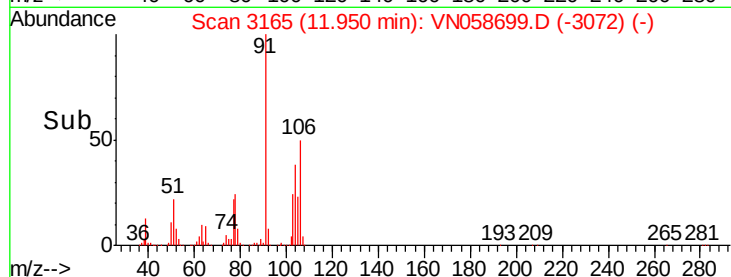
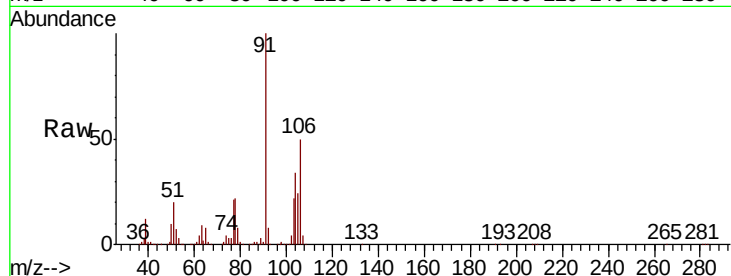
ClientSampleId :

Tot Ion:106 Resp: 1458859

Ion Ratio Lower Upper

106 100

91 208.0 110.9 332.9



#70

Styrene

Concen: 163.794 ug/l

RT: 11.97 min Scan# 3170

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

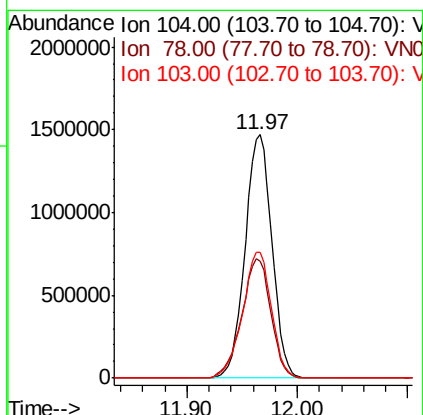
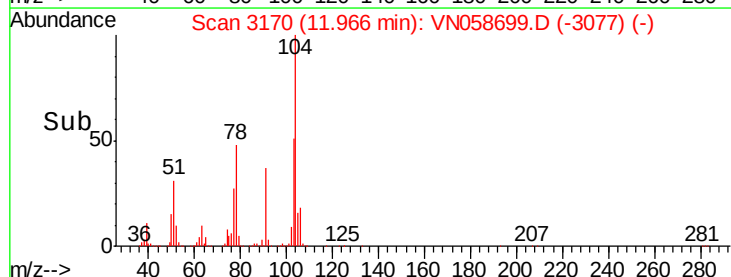
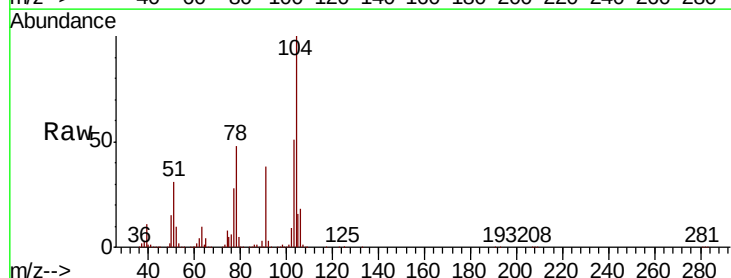
Tgt Ion:104 Resp: 2473868

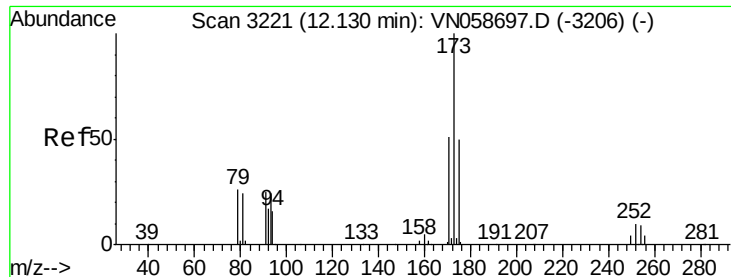
Ion Ratio Lower Upper

104 100

78 53.3 42.2 63.2

103 55.5 43.7 65.5

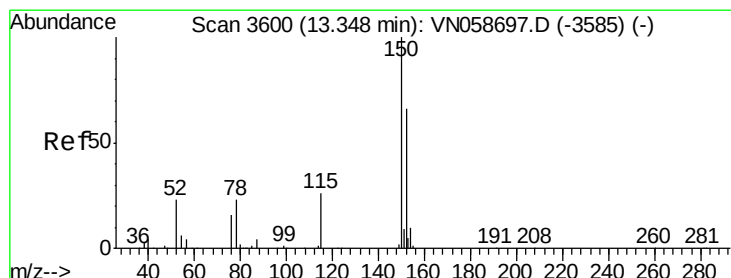
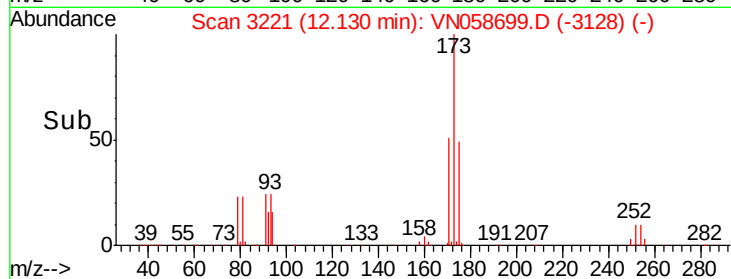
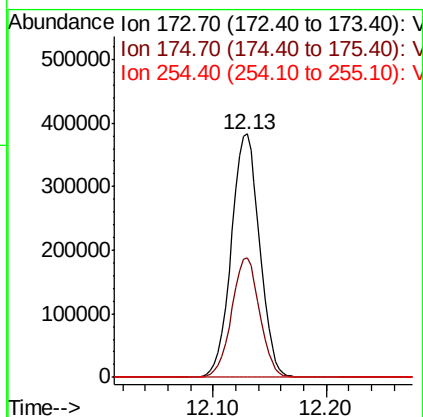
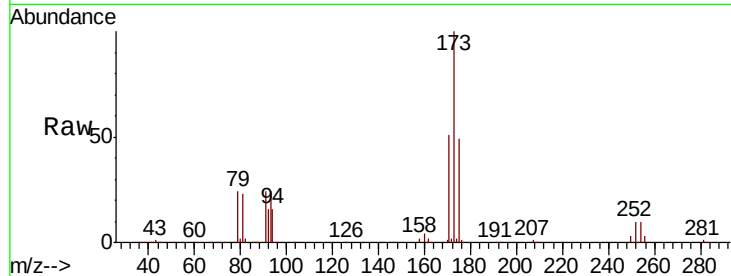




#71  
Bromoform  
Concen: 215.386 ug/l  
RT: 12.13 min Scan# 3221  
Delta R.T. 0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

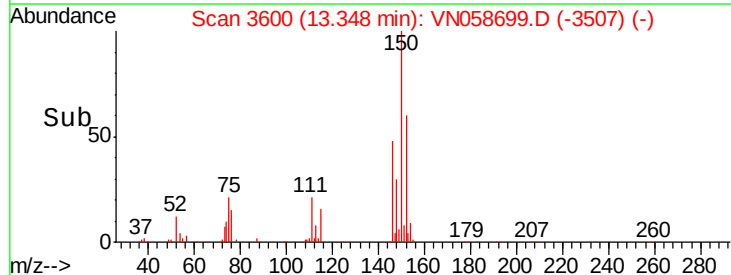
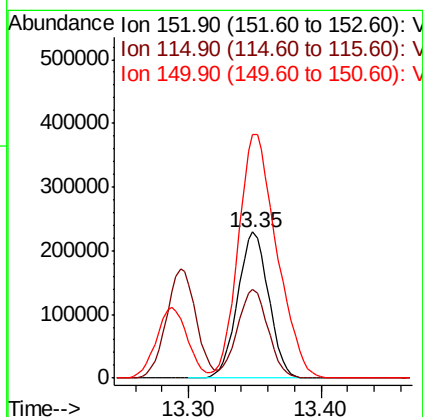
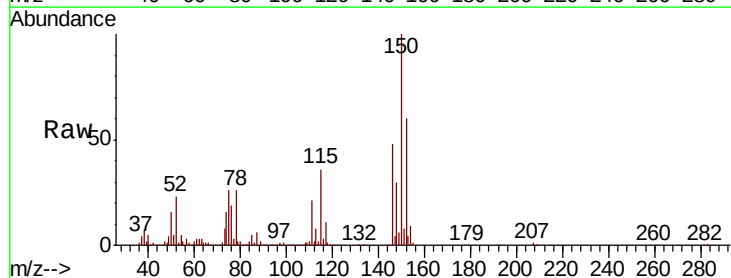
Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion:173 Resp: 665299  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.6 73.8  
254 0.2 0.1 0.1#

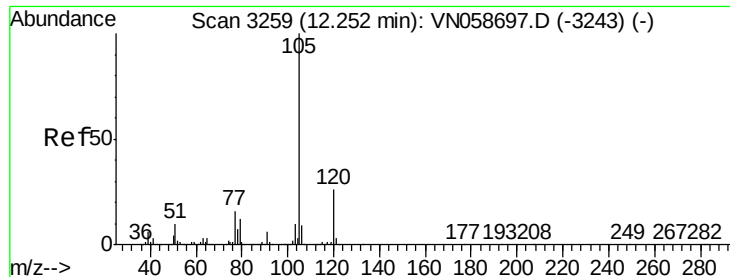


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.35 min Scan# 3600  
Delta R.T. 0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Tgt Ion:152 Resp: 372198  
Ion Ratio Lower Upper  
152 100  
115 59.5 30.4 91.2  
150 206.6 0.0 345.4







#73

Isopropylbenzene

Concen: 132.124 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

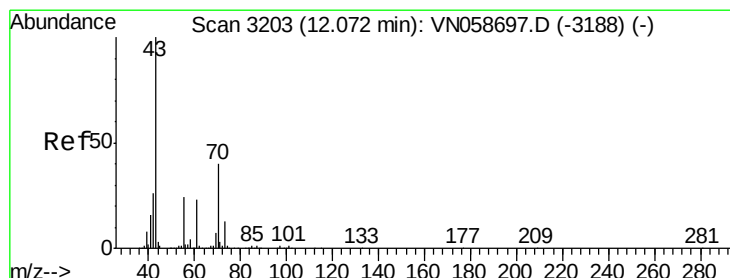
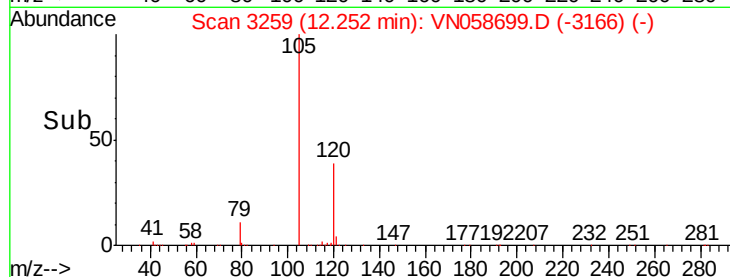
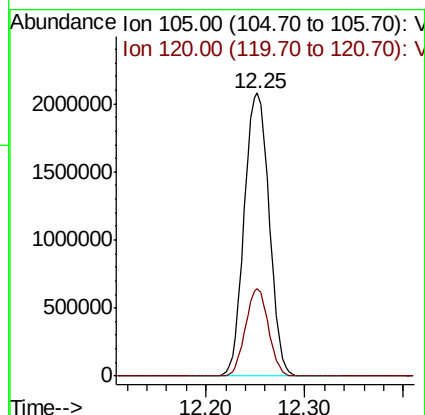
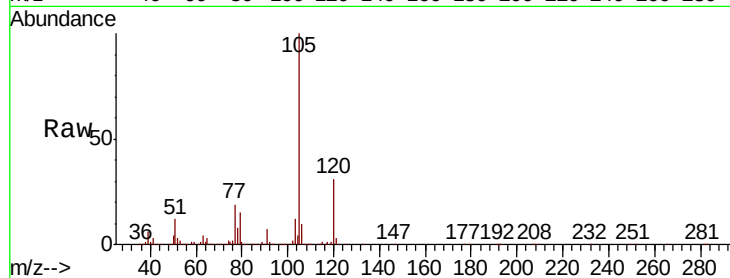
ClientSampleId :

Tot Ion:105 Resp: 3616243

Ion Ratio Lower Upper

105 100

120 28.6 13.1 39.1



#74

N-amyl acetate

Concen: 173.894 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Tgt Ion: 43 Resp: 1930948

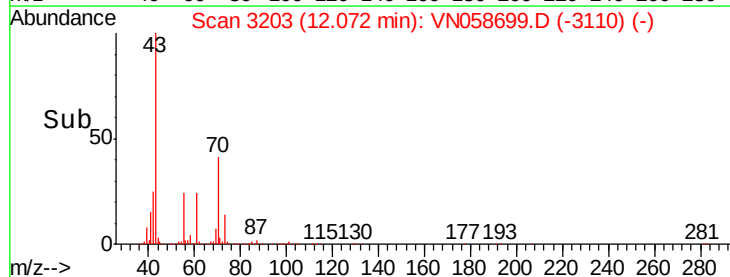
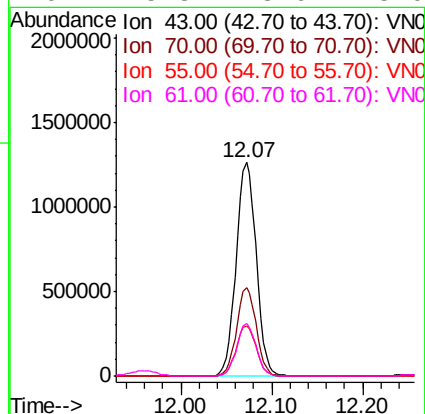
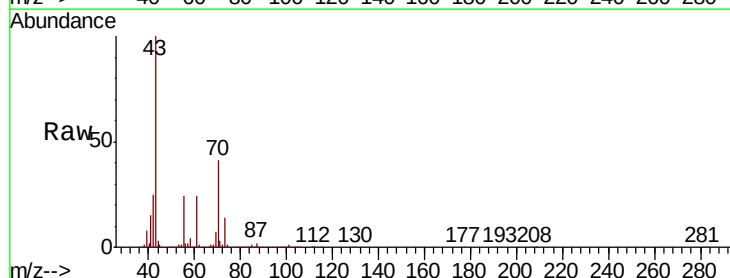
Ion Ratio Lower Upper

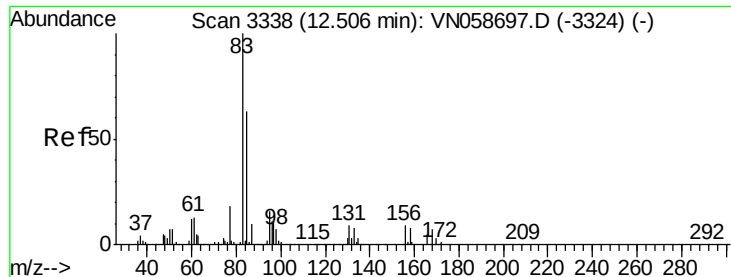
43 100

70 40.6 32.2 48.4

55 23.7 19.6 29.4

61 23.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 155.418 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

ClientSampleId :

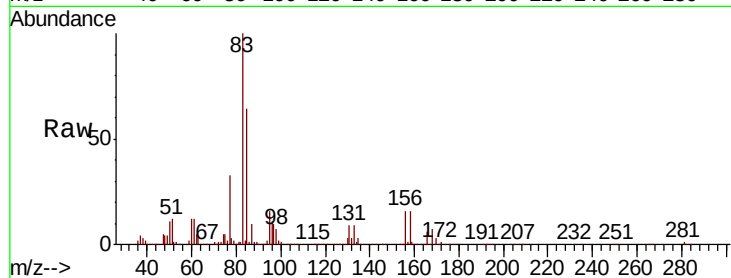
Tot Ion: 83 Resp: 1280988

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.4

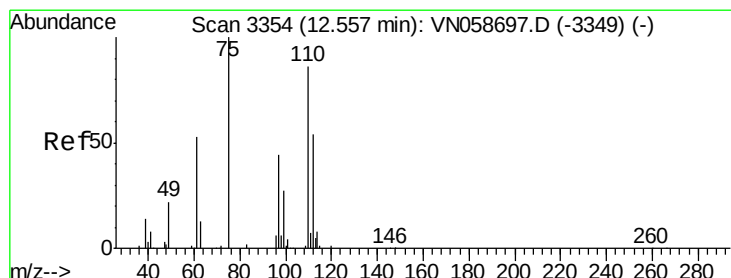
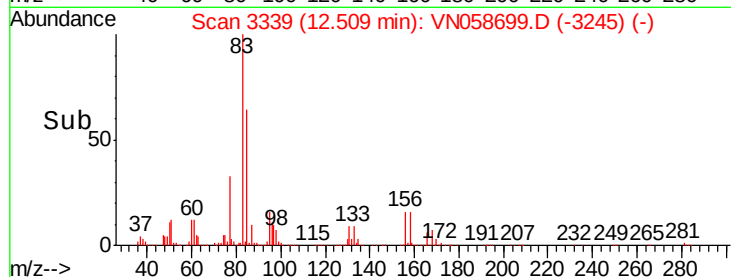
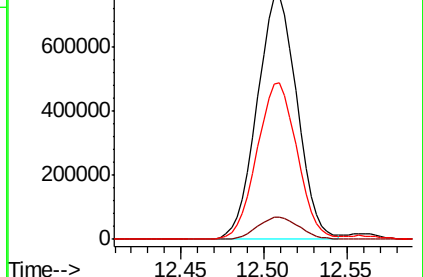
85 64.3 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 256.726 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058699.D

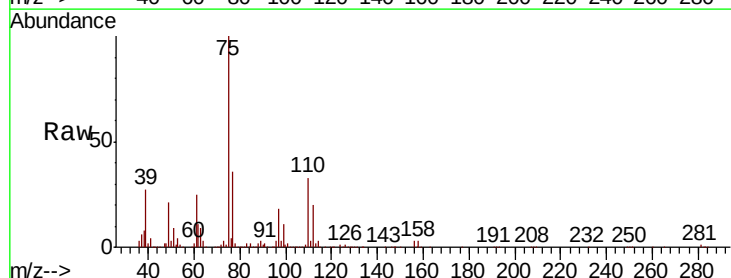
Acq: 11 Oct 2019 13:20

Tgt Ion: 75 Resp: 1779014

Ion Ratio Lower Upper

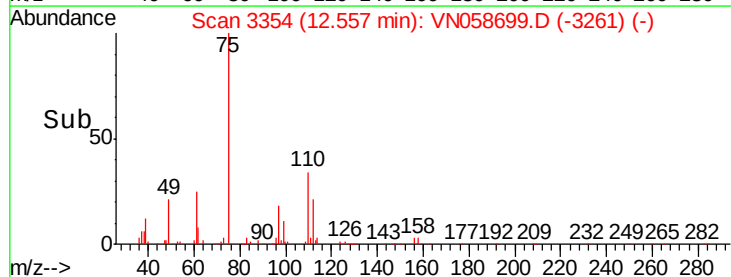
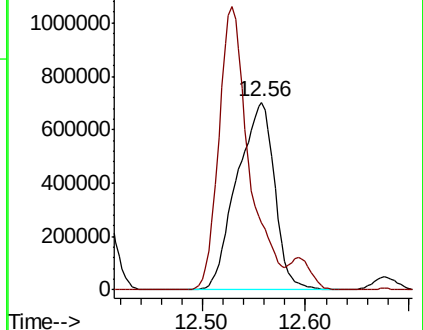
75 100

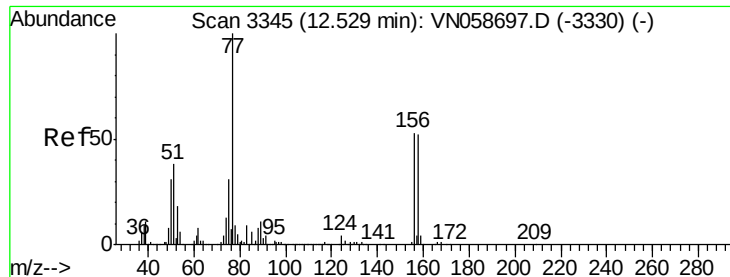
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 146.490 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

ClientSampleId :

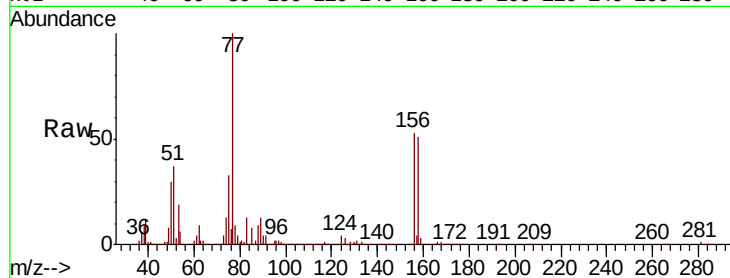
Tot Ion:156 Resp: 943162

Ion Ratio Lower Upper

156 100

77 229.7 115.8 347.3

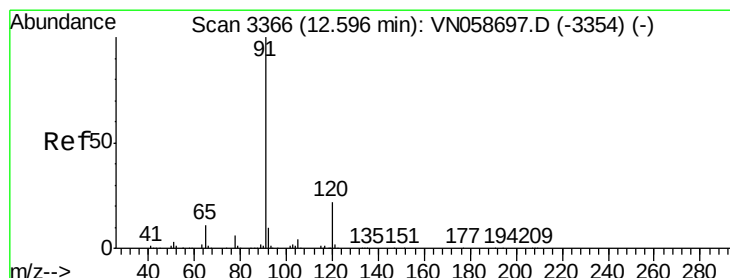
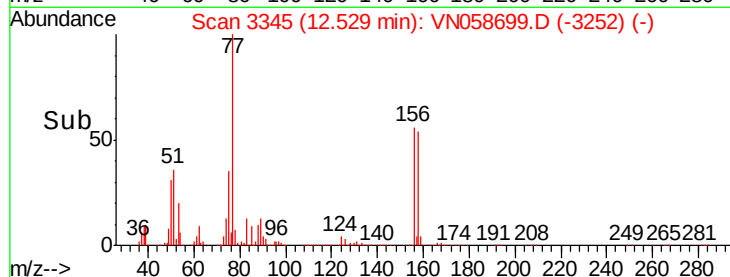
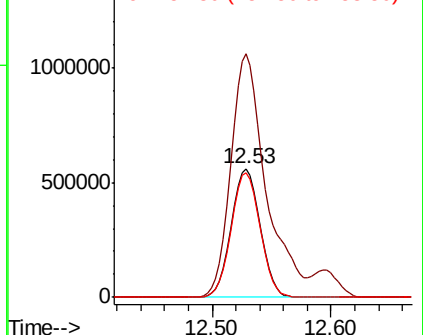
158 96.9 48.9 146.6



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: 132.713 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN058699.D

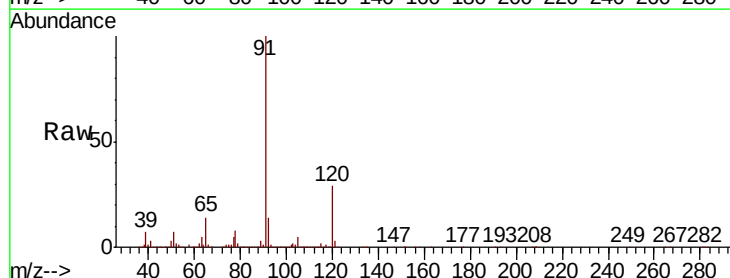
Acq: 11 Oct 2019 13:20

Tgt Ion: 91 Resp: 4109404

Ion Ratio Lower Upper

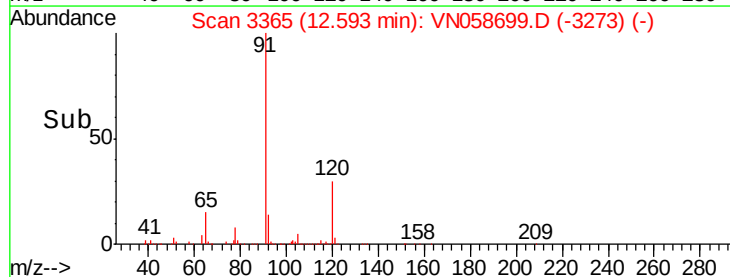
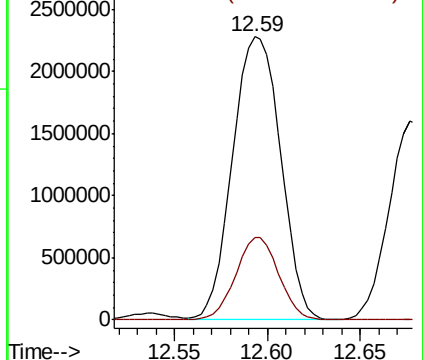
91 100

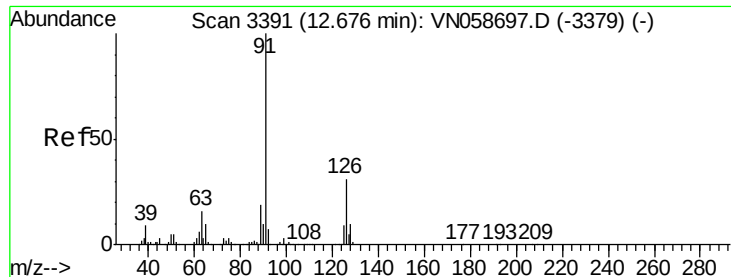
120 26.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 142.120 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Instrument :

MSVOA\_N

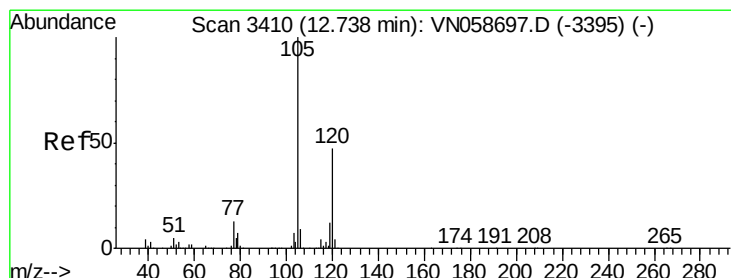
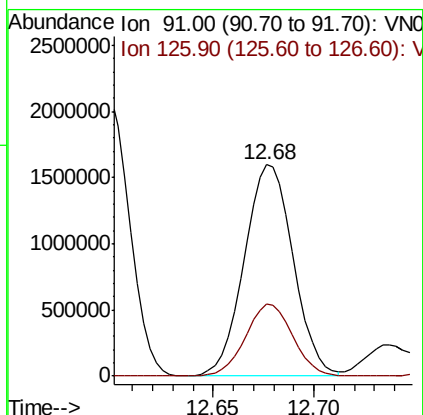
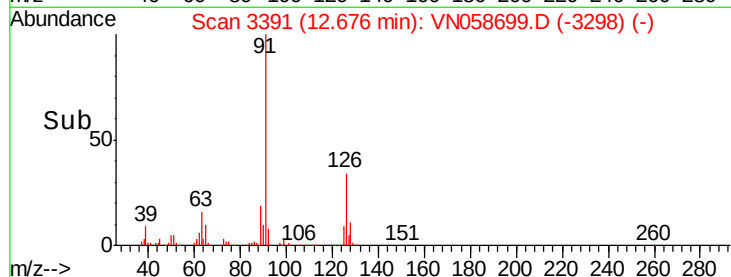
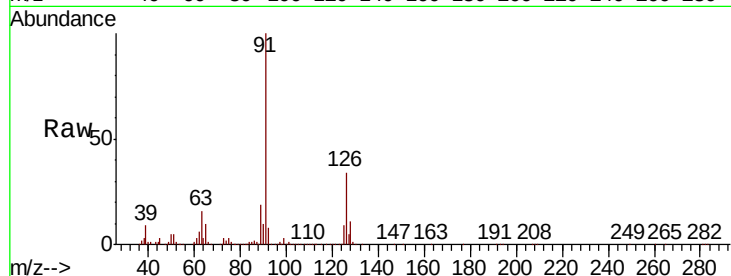
ClientSampleId :

Tot Ion: 91 Resp: 2713798

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.5



#80

1,3,5-Trimethylbenzene

Concen: 140.406 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058699.D

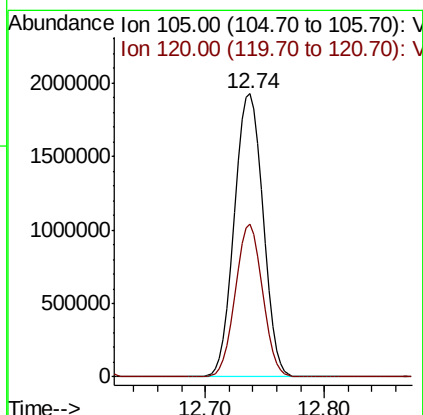
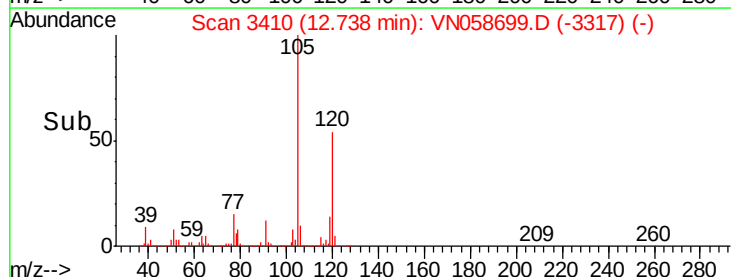
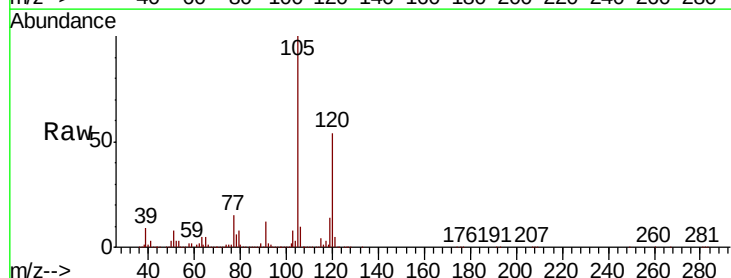
Acq: 11 Oct 2019 13:20

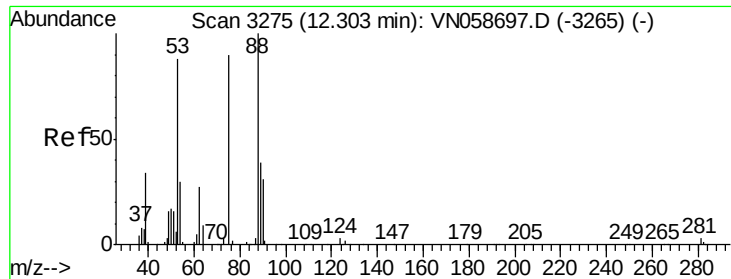
Tgt Ion: 105 Resp: 3226622

Ion Ratio Lower Upper

105 100

120 51.1 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 207.447 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

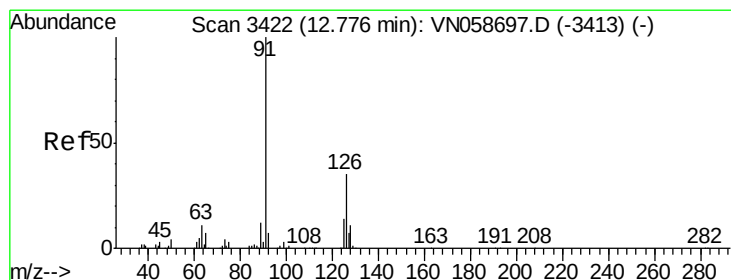
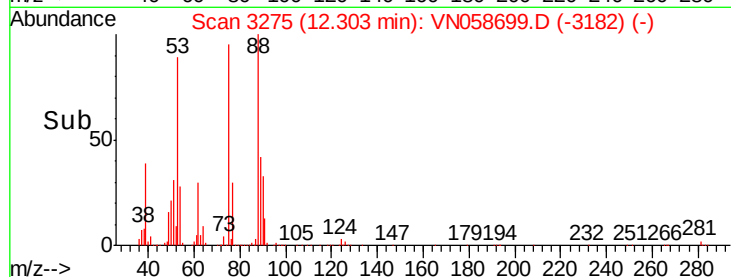
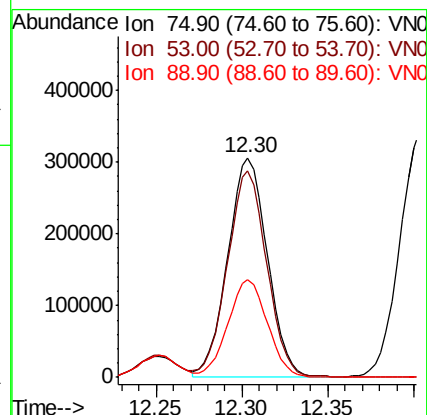
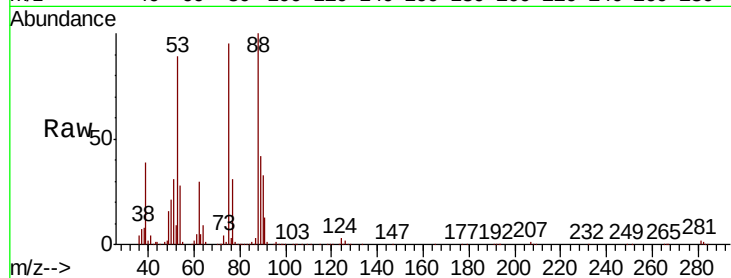
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion: 75 Resp: 492735

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 53  | 93.5  | 78.4  | 117.6 |
| 89  | 44.1  | 34.9  | 52.3  |



#82

4-Chlorotoluene

Concen: 146.412 ug/l

RT: 12.78 min Scan# 3422

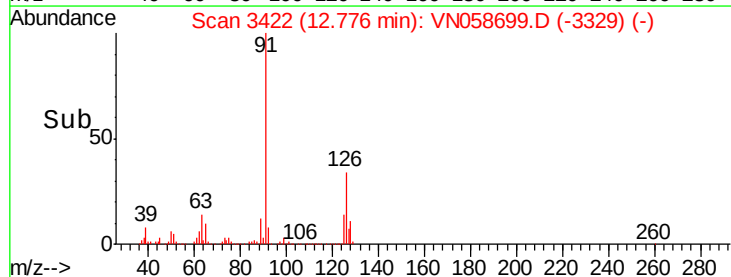
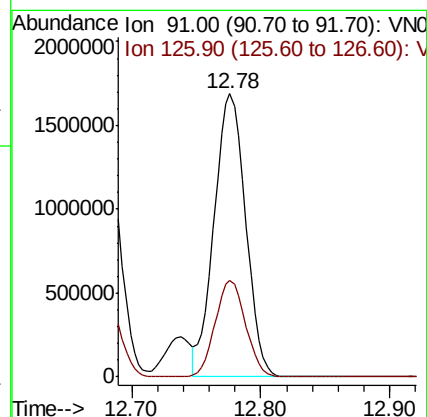
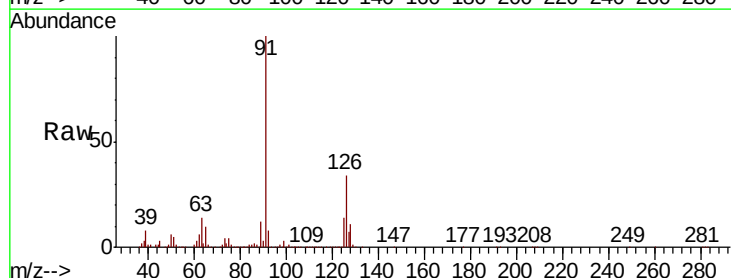
Delta R.T. 0.00 min

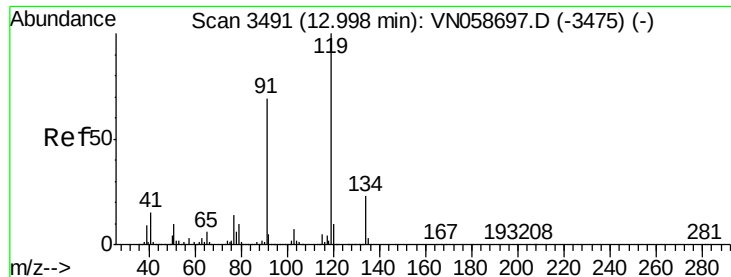
Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Tgt Ion: 91 Resp: 2860128

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 32.9  | 15.9  | 47.6  |

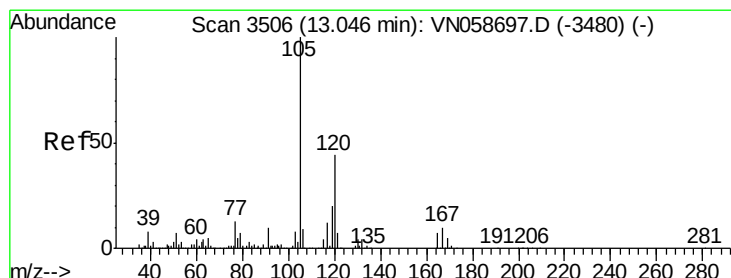
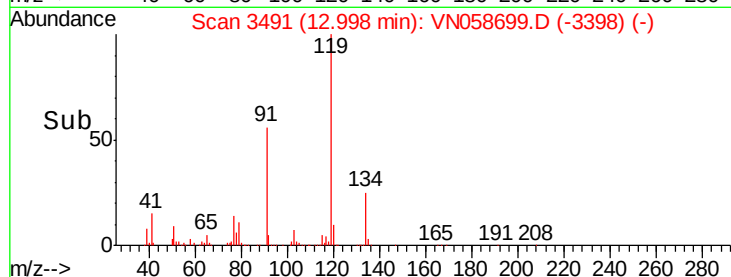
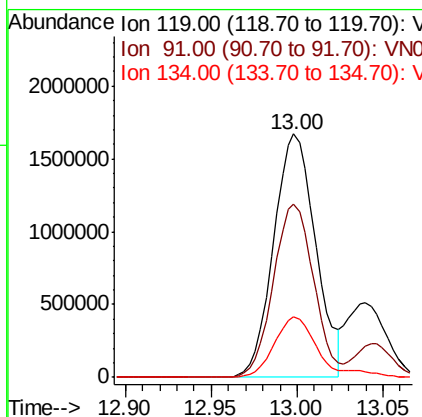
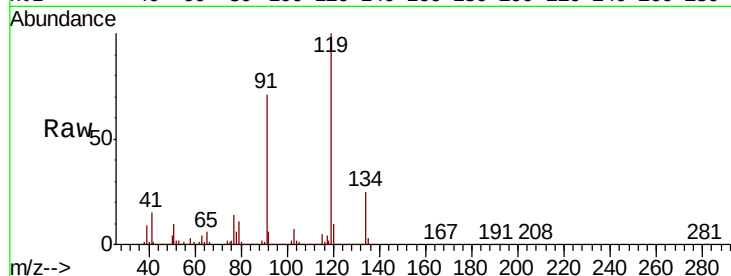




#83  
 tert-Butylbenzene  
 Concen: 146.338 ug/l  
 RT: 13.00 min Scan# 3491  
 Delta R.T. 0.00 min  
 Lab File: VN058699.D  
 Acq: 11 Oct 2019 13:20

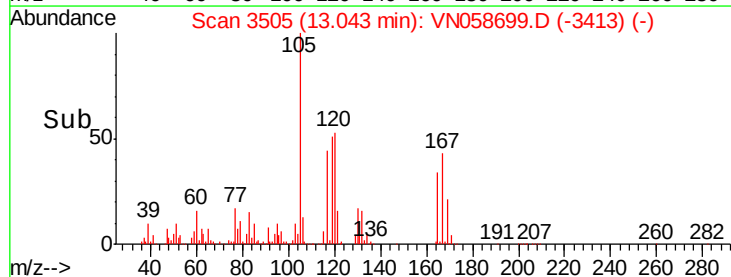
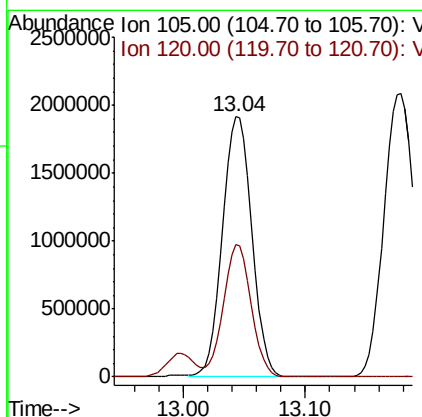
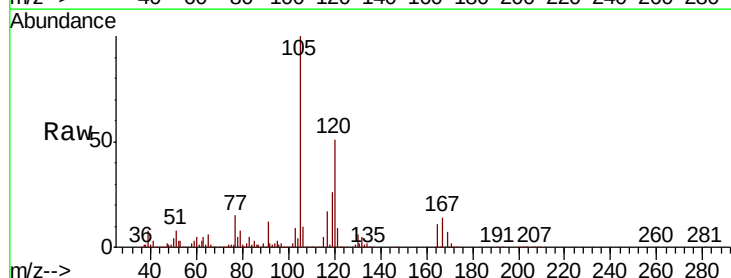
Instrument :  
 MSVOA\_N  
 ClientSampleId :

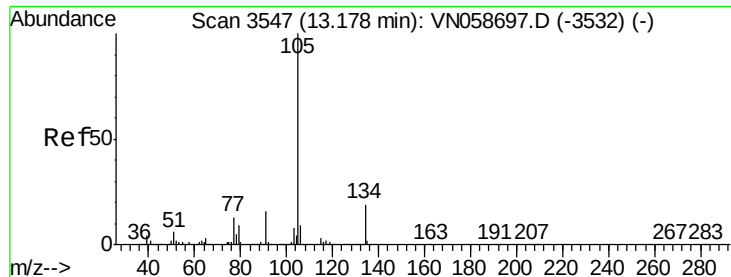
Tot Ion:119 Resp: 2837934  
 Ion Ratio Lower Upper  
 119 100  
 91 68.7 33.8 101.3  
 134 26.0 12.6 37.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 140.680 ug/l  
 RT: 13.04 min Scan# 3505  
 Delta R.T. -0.00 min  
 Lab File: VN058699.D  
 Acq: 11 Oct 2019 13:20

Tgt Ion:105 Resp: 3238902  
 Ion Ratio Lower Upper  
 105 100  
 120 48.0 21.9 65.7

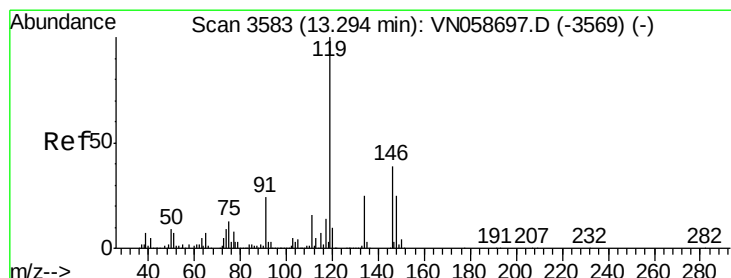
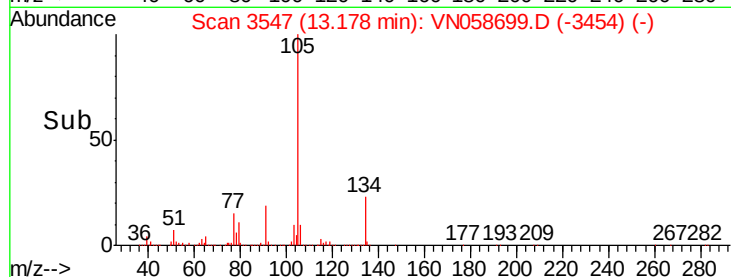
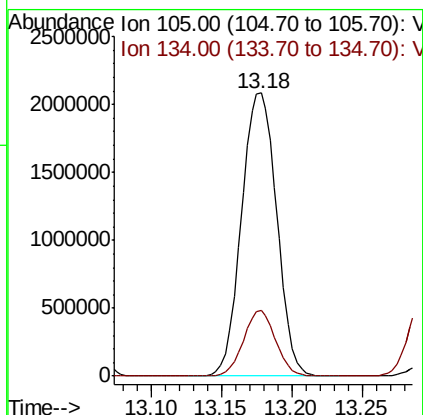
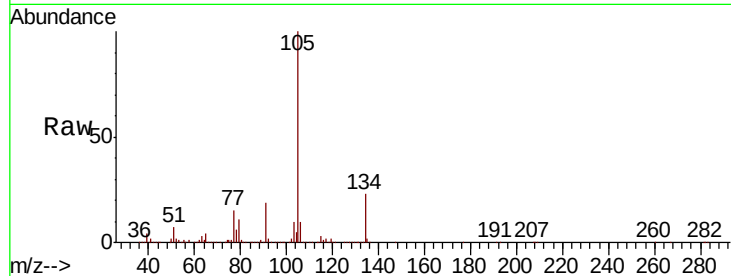




#85  
 sec-Butylbenzene  
 Concen: 142.083 ug/l  
 RT: 13.18 min Scan# 3547  
 Delta R.T. 0.00 min  
 Lab File: VN058699.D  
 Acq: 11 Oct 2019 13:20

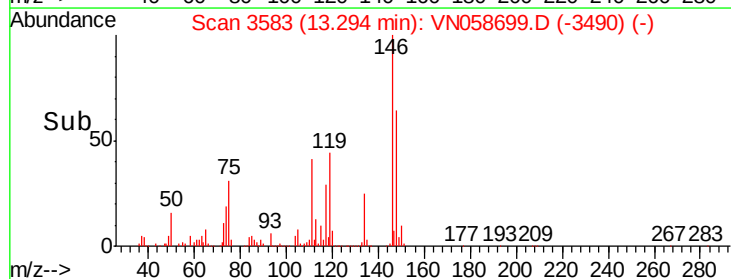
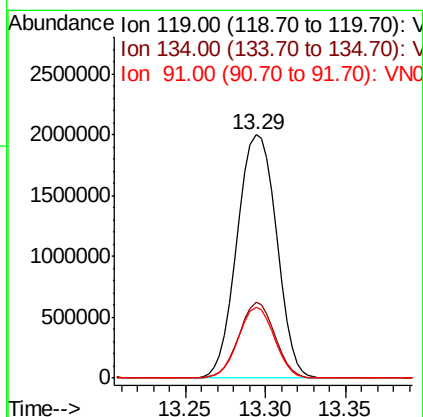
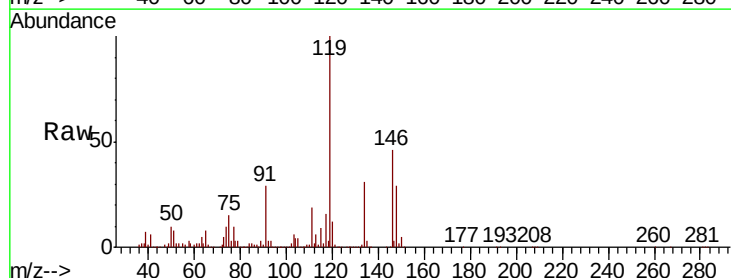
Instrument :  
 MSVOA\_N  
 ClientSampleId :

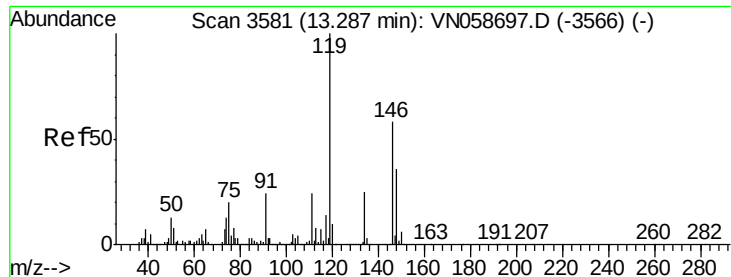
Tot Ion:105 Resp: 3638736  
 Ion Ratio Lower Upper  
 105 100  
 134 21.2 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 148.193 ug/l  
 RT: 13.29 min Scan# 3583  
 Delta R.T. 0.00 min  
 Lab File: VN058699.D  
 Acq: 11 Oct 2019 13:20

Tgt Ion:119 Resp: 3355690  
 Ion Ratio Lower Upper  
 119 100  
 134 28.5 12.7 38.1  
 91 26.6 11.9 35.5

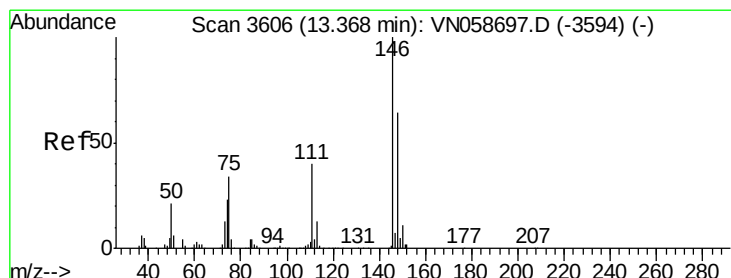
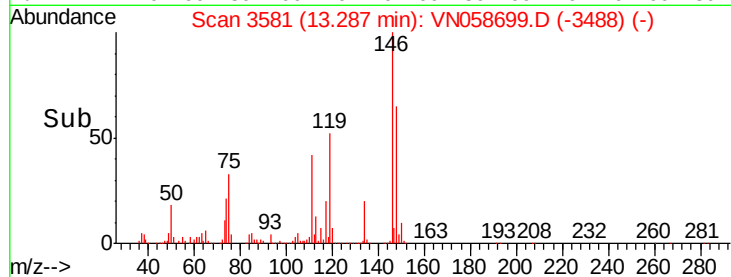
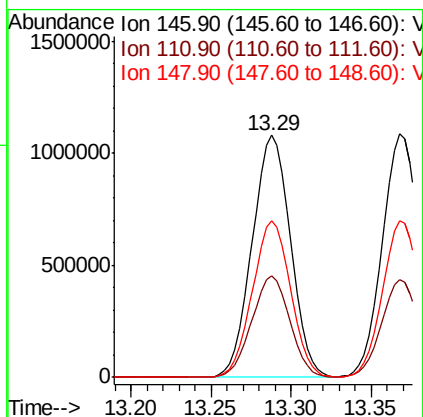
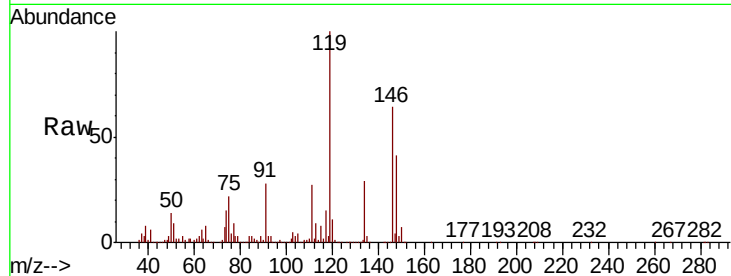




#87  
 1,3-Dichlorobenzene  
 Concen: 152.050 ug/l  
 RT: 13.29 min Scan# 3581  
 Delta R.T. 0.00 min  
 Lab File: VN058699.D  
 Acq: 11 Oct 2019 13:20

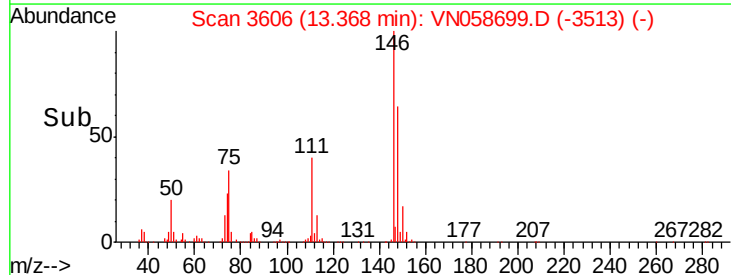
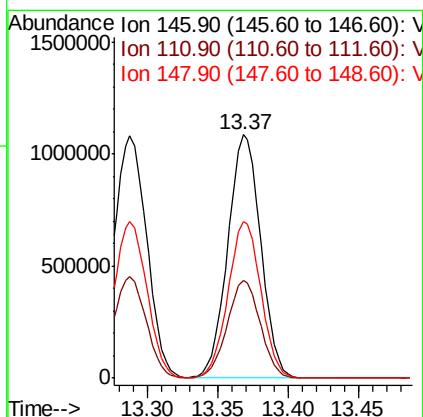
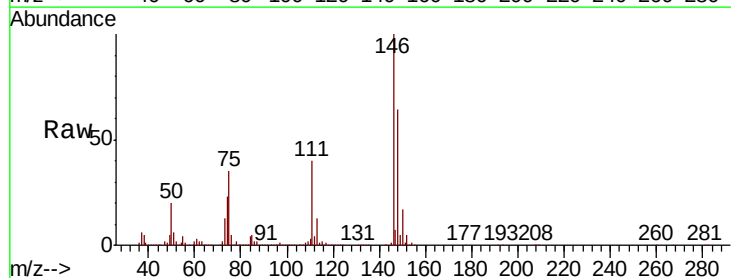
Instrument :  
 MSVOA\_N  
 ClientSampled :

Tot Ion:146 Resp: 1781640  
 Ion Ratio Lower Upper  
 146 100  
 111 41.4 20.5 61.6  
 148 64.1 31.3 93.9

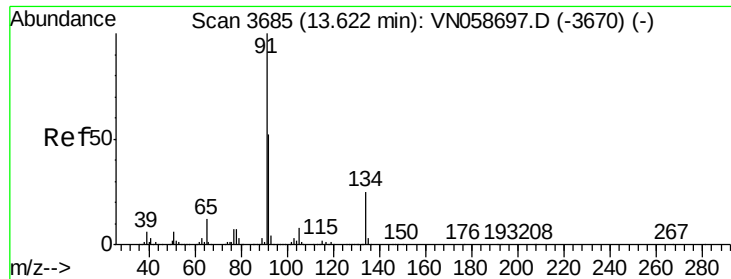


#88  
 1,4-Dichlorobenzene  
 Concen: 152.297 ug/l  
 RT: 13.37 min Scan# 3606  
 Delta R.T. 0.00 min  
 Lab File: VN058699.D  
 Acq: 11 Oct 2019 13:20

Tgt Ion:146 Resp: 1772439  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 20.1 60.2  
 148 64.2 31.9 95.7



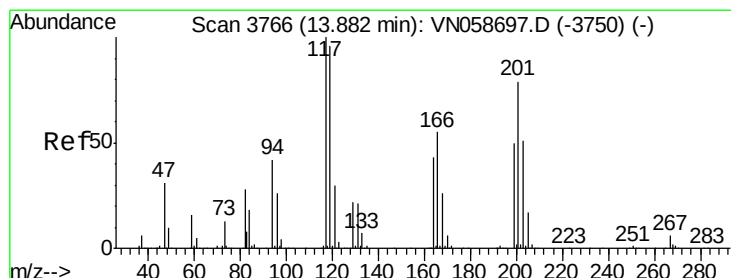
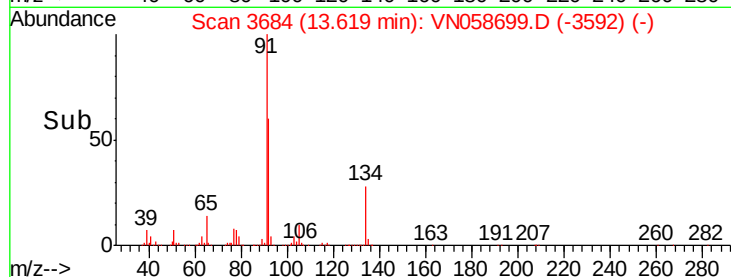
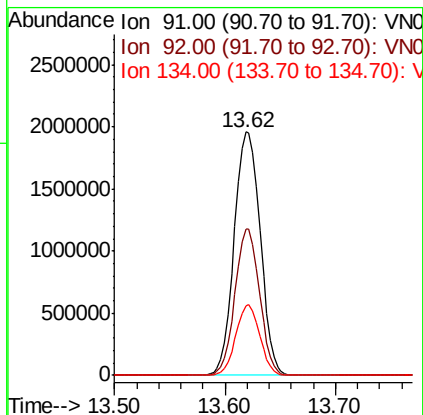
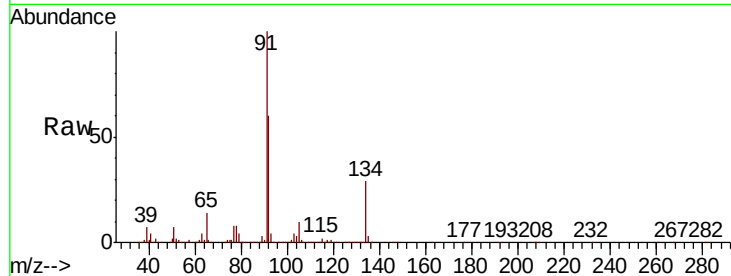




#89  
n-Butylbenzene  
Concen: 155.403 ug/l  
RT: 13.62 min Scan# 3684  
Delta R.T. -0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

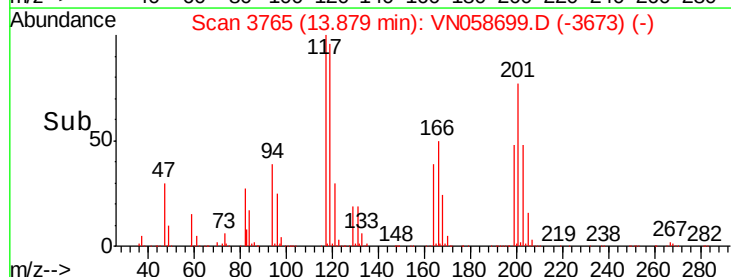
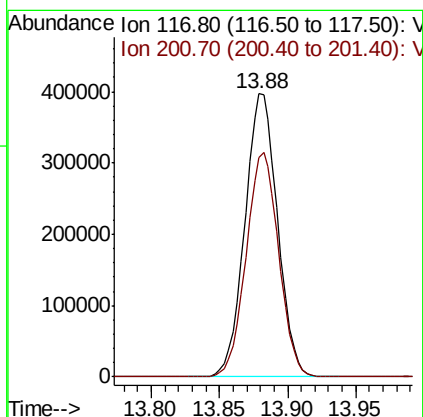
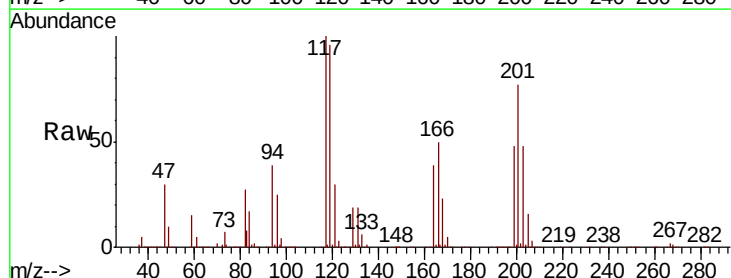
Instrument :  
MSVOA\_N  
ClientSampled :

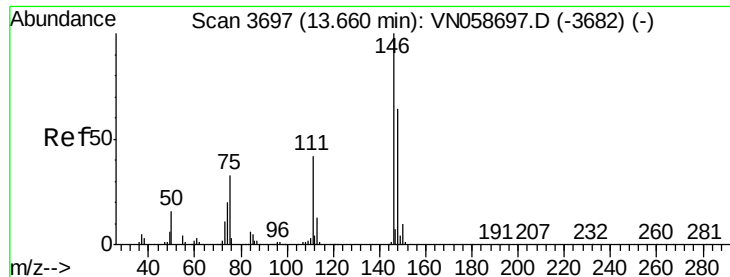
Tot Ion: 91 Resp: 3206884  
Ion Ratio Lower Upper  
91 100  
92 56.7 26.0 78.0  
134 26.9 12.2 36.6



#90  
Hexachloroethane  
Concen: 189.477 ug/l  
RT: 13.88 min Scan# 3765  
Delta R.T. -0.00 min  
Lab File: VN058699.D  
Acq: 11 Oct 2019 13:20

Tgt Ion: 117 Resp: 659304  
Ion Ratio Lower Upper  
117 100  
201 79.1 39.6 118.7





#91

1,2-Dichlorobenzene

Concen: 151.817 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

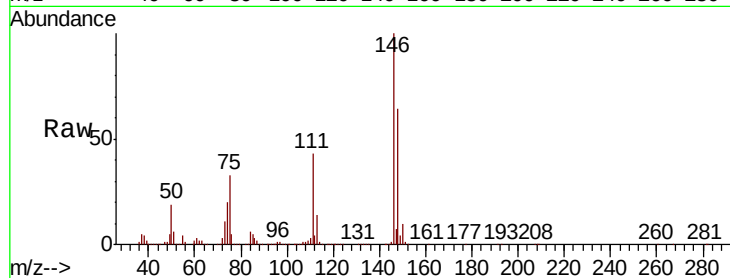
Instrument :

MSVOA\_N

ClientSampleId :

Tot Ion:146 Resp: 1712059

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 43.4  | 21.1  | 63.4  |
| 148 | 64.2  | 31.8  | 95.3  |

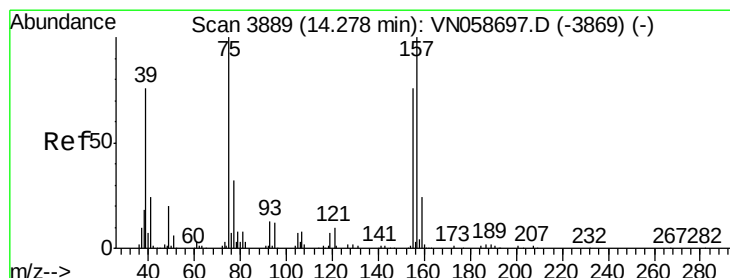
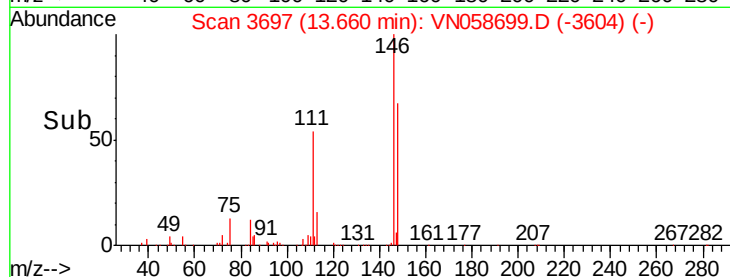
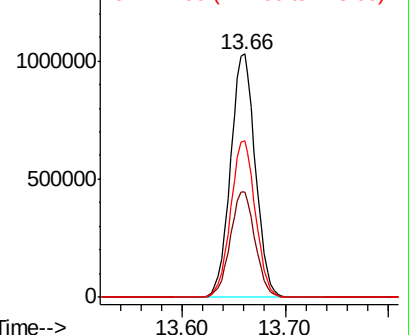


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 195.536 ug/l

RT: 14.28 min Scan# 3889

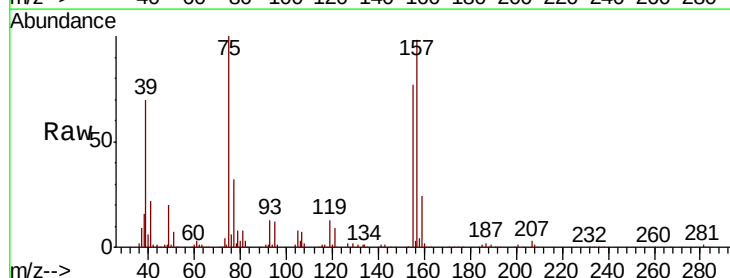
Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Tgt Ion: 75 Resp: 293430

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 76.4  | 37.9  | 113.6 |
| 157 | 99.2  | 49.4  | 148.2 |

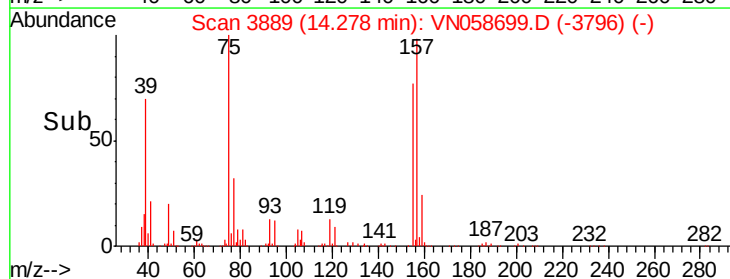
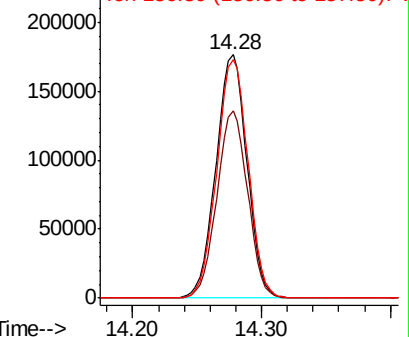


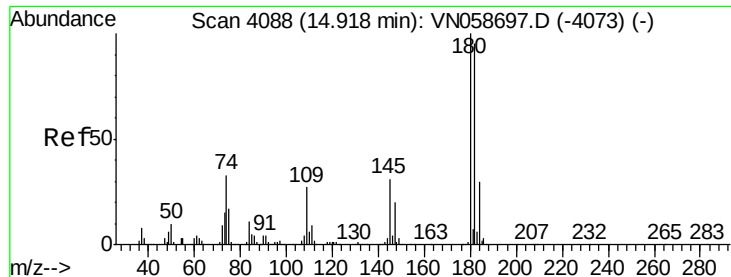
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

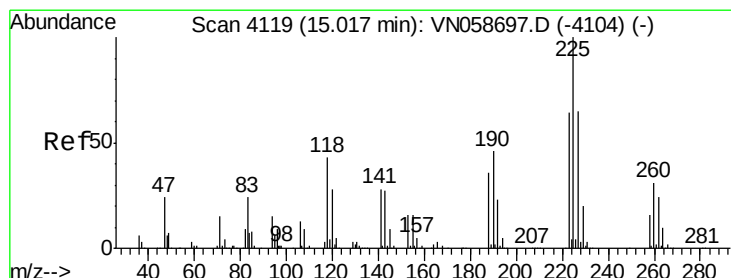
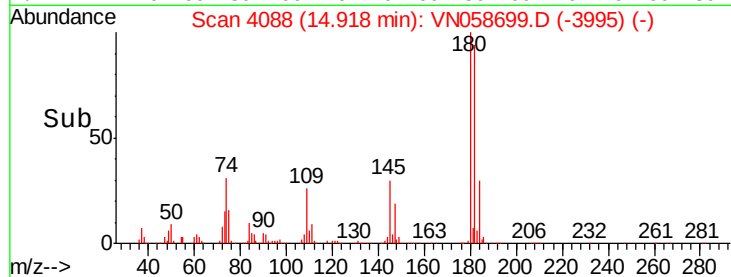
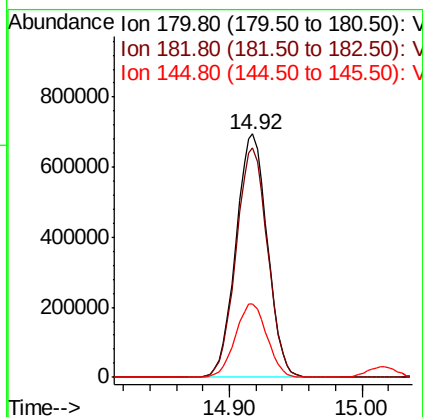
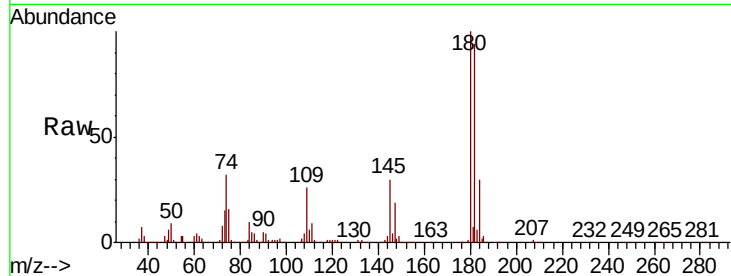




#93  
 1,2,4-Trichlorobenzene  
 Concen: 181.561 ug/l  
 RT: 14.92 min Scan# 4088  
 Delta R.T. 0.00 min  
 Lab File: VN058699.D  
 Acq: 11 Oct 2019 13:20

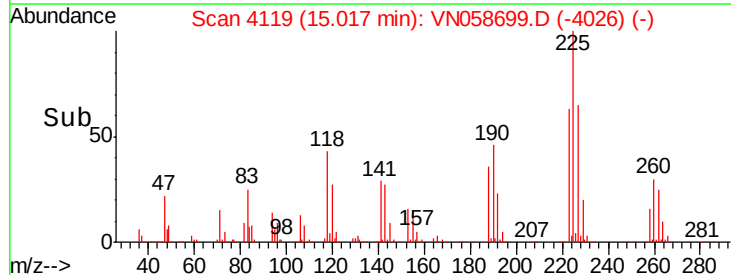
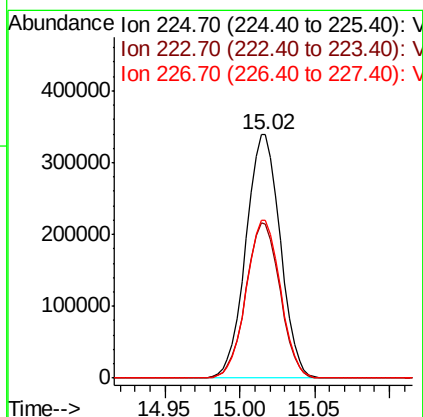
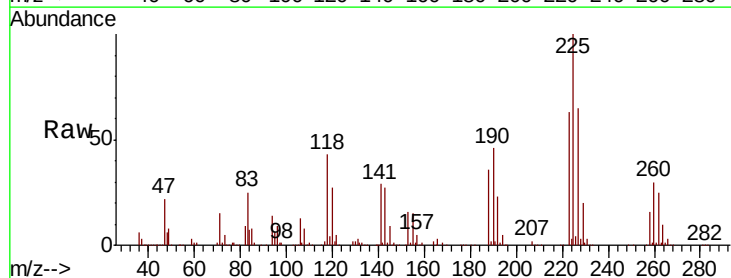
Instrument :  
 MSVOA\_N  
 ClientSampled :

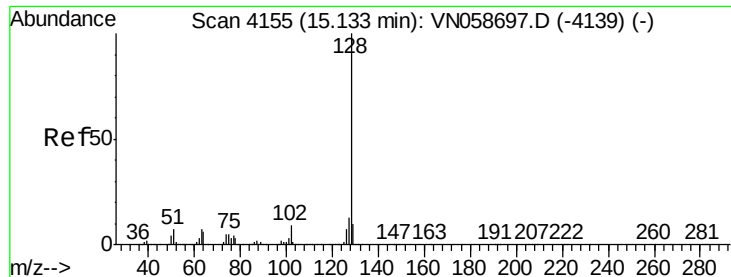
Tot Ion:180 Resp: 1141880  
 Ion Ratio Lower Upper  
 180 100  
 182 94.7 47.4 142.2  
 145 30.4 15.4 46.2



#94  
 Hexachlorobutadiene  
 Concen: 165.412 ug/l  
 RT: 15.02 min Scan# 4119  
 Delta R.T. 0.00 min  
 Lab File: VN058699.D  
 Acq: 11 Oct 2019 13:20

Tgt Ion:225 Resp: 541906  
 Ion Ratio Lower Upper  
 225 100  
 223 63.4 32.3 96.8  
 227 64.6 32.4 97.0





#95

Naphthalene

Concen: 193.131 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

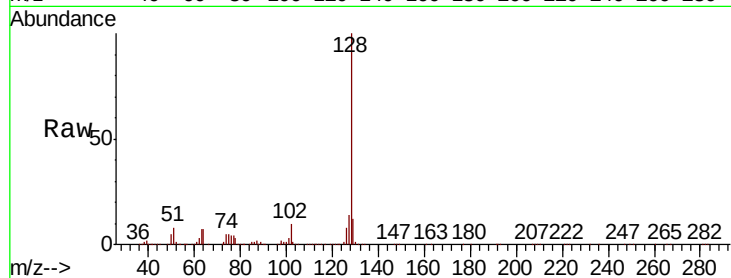
Instrument :

MSVOA\_N

ClientSampled :

Tot Ion:128 Resp: 3216514

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.4  | 10.2  | 15.4  |
| 129 | 11.3  | 8.5   | 12.7  |

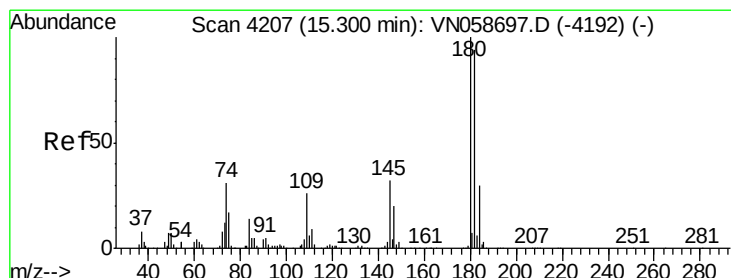
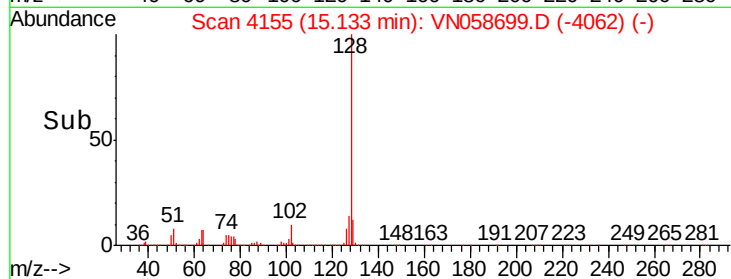
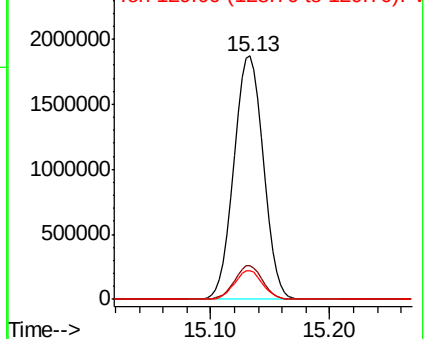


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 190.760 ug/l

RT: 15.30 min Scan# 4207

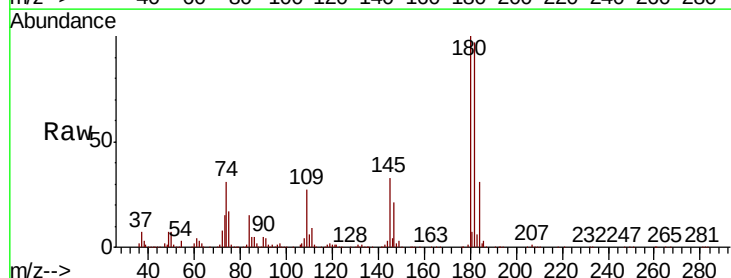
Delta R.T. 0.00 min

Lab File: VN058699.D

Acq: 11 Oct 2019 13:20

Tgt Ion:180 Resp: 1097639

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 96.1  | 47.3  | 142.0 |
| 145 | 32.2  | 16.2  | 48.6  |



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

