

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\  
 Data File : VN059348.D  
 Acq On : 21 Nov 2019 19:51  
 Operator : JC/SP  
 Sample : VN1121WBSD02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 22 06:07:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112019W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 21 08:44:45 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.65  | 168  | 363763   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.57  | 114  | 582885   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.40 | 117  | 520080   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 235048   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.01  | 65   | 229213   | 52.52 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.04% |          |
| 35) Dibromofluoromethane    | 7.57  | 113  | 181744   | 51.97 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.94% |          |
| 50) Toluene-d8              | 10.08 | 98   | 729219   | 52.45 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.90% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 254340   | 52.32 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.64% |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.83 | 85   | 90783    | 19.494 | ug/l  | 100    |
| 3) Chloromethane              | 2.04 | 50   | 112356   | 19.694 | ug/l  | 100    |
| 4) Vinyl Chloride             | 2.17 | 62   | 119078   | 20.273 | ug/l  | 98     |
| 5) Bromomethane               | 2.55 | 94   | 63837    | 19.576 | ug/l  | 100    |
| 6) Chloroethane               | 2.69 | 64   | 60765    | 18.955 | ug/l  | 97     |
| 7) Trichlorofluoromethane     | 3.00 | 101  | 119095   | 18.828 | ug/l  | 98     |
| 8) Diethyl Ether              | 3.39 | 74   | 51870    | 20.059 | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.74 | 101  | 74183    | 19.180 | ug/l  | 99     |
| 10) Methyl Iodide             | 3.93 | 142  | 96145    | 20.001 | ug/l  | 97     |
| 11) Tert butyl alcohol        | 4.75 | 59   | 87104    | 99.679 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 3.71 | 96   | 75244    | 19.166 | ug/l  | 98     |
| 13) Acrolein                  | 3.58 | 56   | 72076    | 90.356 | ug/l  | 100    |
| 14) Allyl chloride            | 4.30 | 41   | 141099   | 19.238 | ug/l  | 98     |
| 15) Acrylonitrile             | 4.95 | 53   | 225861   | 97.756 | ug/l  | 100    |
| 16) Acetone                   | 3.79 | 43   | 180408   | 92.187 | ug/l  | 99     |
| 17) Carbon Disulfide          | 4.03 | 76   | 231481   | 18.901 | ug/l  | 100    |
| 18) Methyl Acetate            | 4.30 | 43   | 126952   | 19.547 | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 5.01 | 73   | 257338   | 20.294 | ug/l  | 99     |
| 20) Methylene Chloride        | 4.53 | 84   | 85869    | 19.455 | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 5.01 | 96   | 79528    | 19.113 | ug/l  | 98     |
| 22) Diisopropyl ether         | 5.92 | 45   | 268874   | 19.471 | ug/l  | 98     |
| 23) Vinyl Acetate             | 5.87 | 43   | 1074130  | 98.915 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 5.82 | 63   | 152442   | 19.612 | ug/l  | 99     |
| 25) 2-Butanone                | 6.81 | 43   | 297964   | 97.915 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 6.80 | 77   | 125030   | 18.577 | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 6.81 | 96   | 90415    | 19.260 | ug/l  | 99     |
| 28) Bromochloromethane        | 7.17 | 49   | 62567    | 21.183 | ug/l  | 95     |
| 29) Tetrahydrofuran           | 7.19 | 42   | 207637   | 98.678 | ug/l  | 100    |
| 30) Chloroform                | 7.35 | 83   | 147015   | 19.407 | ug/l  | 98     |
| 31) Cyclohexane               | 7.63 | 56   | 148044   | 19.264 | ug/l  | 97     |
| 32) 1,1,1-Trichloroethane     | 7.55 | 97   | 124880   | 19.270 | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.77 | 75   | 113553   | 18.871 | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.91 | 43   | 122747   | 18.980 | ug/l  | 97     |
| 38) Carbon Tetrachloride      | 7.75 | 117  | 108866   | 18.898 | ug/l  | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\  
 Data File : VN059348.D  
 Acq On : 21 Nov 2019 19:51  
 Operator : JC/SP  
 Sample : VN1121WBSD02  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Quant Time: Nov 22 06:07:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112019W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 21 08:44:45 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.07  | 83   | 137447   | 18.942  | ug/l   | 99       |
| 40) Benzene                    | 8.02  | 78   | 343243   | 19.435  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.15  | 41   | 48428    | 16.869  | ug/l # | 100      |
| 42) 1,2-Dichloroethane         | 8.10  | 62   | 113169   | 19.375  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.15  | 43   | 193977   | 19.627  | ug/l   | 100      |
| 44) Trichloroethene            | 8.82  | 130  | 86332    | 19.288  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.11  | 63   | 92433    | 19.627  | ug/l   | 100      |
| 46) Dibromomethane             | 9.19  | 93   | 53809    | 18.628  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.39  | 83   | 109518   | 18.931  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.19  | 41   | 84075    | 18.706  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.19  | 88   | 26898    | 398.202 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.97  | 43   | 593319   | 102.561 | ug/l   | 99       |
| 52) Toluene                    | 10.15 | 92   | 206225   | 19.420  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.37 | 75   | 130374   | 19.386  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.83  | 75   | 141602   | 19.404  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 80302    | 19.449  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.42 | 69   | 122819   | 19.033  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.70 | 76   | 140518   | 19.526  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.69  | 63   | 207780   | 96.563  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.75 | 43   | 432758   | 102.160 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.90 | 129  | 84062    | 19.320  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.00 | 107  | 83200    | 19.366  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.63 | 164  | 75205    | 18.697  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.43 | 112  | 215303   | 19.253  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 78653    | 19.360  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 392722   | 19.669  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.62 | 106  | 289302   | 38.993  | ug/l   | 98       |
| 69) o-Xylene                   | 11.95 | 106  | 139649   | 19.661  | ug/l   | 100      |
| 70) Styrene                    | 11.96 | 104  | 219809   | 19.612  | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 59361    | 19.294  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.25 | 105  | 377297   | 19.595  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 154995   | 20.030  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.51 | 83   | 120607   | 18.935  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 161203   | 29.686  | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 89205    | 19.101  | ug/l   | 100      |
| 78) n-propylbenzene            | 12.59 | 91   | 428243   | 19.634  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.68 | 91   | 255561   | 19.090  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 316951   | 19.582  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 42240    | 19.456  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 260048   | 18.771  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.99 | 119  | 271654   | 19.872  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 317410   | 20.019  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 360024   | 19.595  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 320795   | 19.621  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 154784   | 18.611  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 152568   | 18.540  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.62 | 91   | 265432   | 18.506  | ug/l   | 99       |
| 90) Hexachloroethane           | 13.88 | 117  | 57475    | 18.562  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 152204   | 18.915  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 23605    | 17.431  | ug/l   | 96       |

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Data File : VN059348.D  
Acq On : 21 Nov 2019 19:51  
Operator : JC/SP  
Sample : VN1121WBSD02  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 23 Sample Multiplier: 1

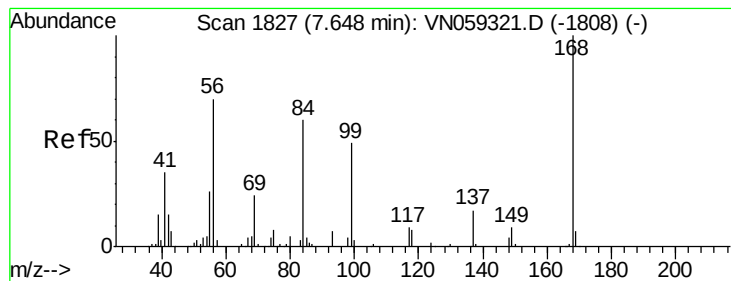
Instrument :  
MSVOA\_N  
ClientSampleId :

Quant Time: Nov 22 06:07:30 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N112019W.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 21 08:44:45 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 83419    | 18.627 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 53039    | 18.295 | ug/l  | 98       |
| 95) Naphthalene            | 15.13 | 128  | 225367   | 18.400 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.30 | 180  | 84536    | 18.456 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

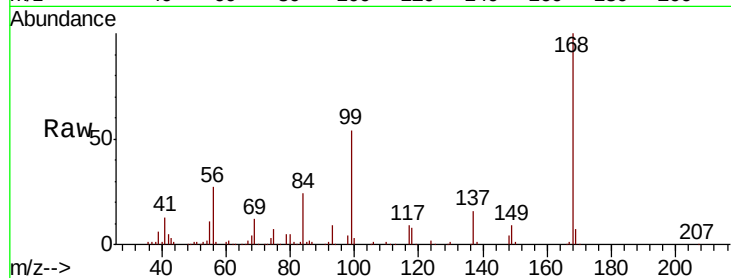
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion:168 Resp: 363763

Ion Ratio Lower Upper

168 100

99 54.3 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

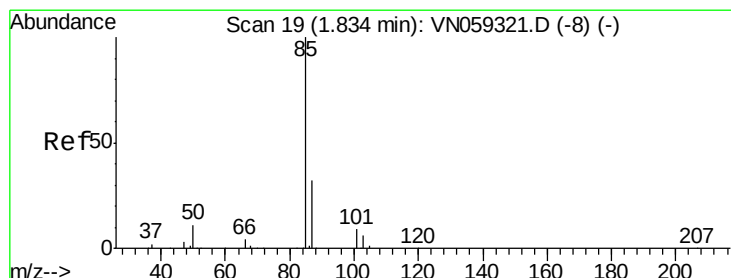
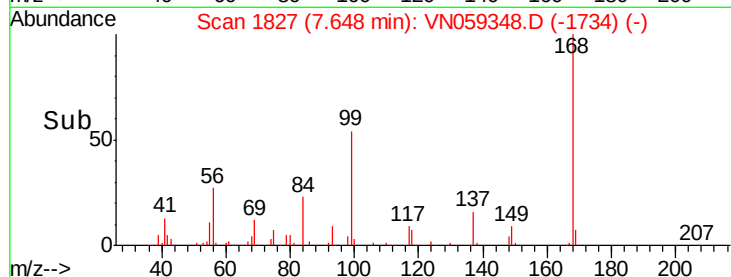
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50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.494 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059348.D

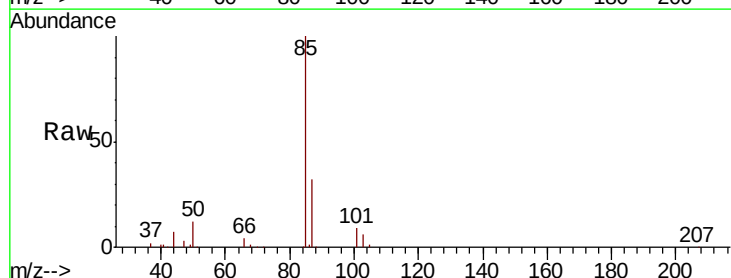
Acq: 21 Nov 2019 19:51

Tgt Ion: 85 Resp: 90783

Ion Ratio Lower Upper

85 100

87 31.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

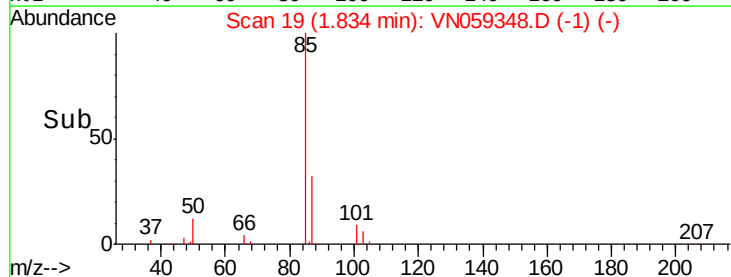
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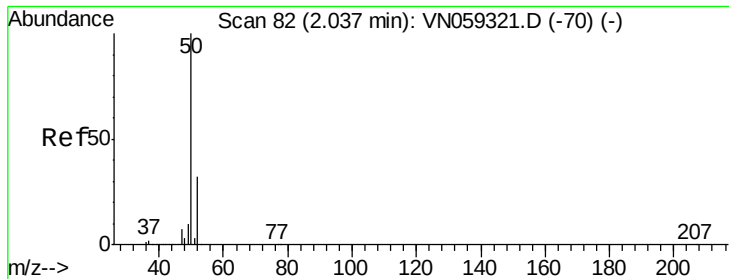
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1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.694 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

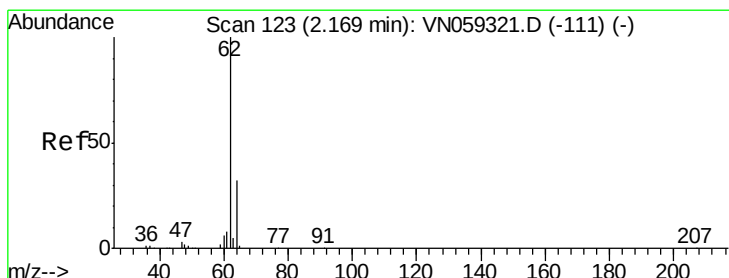
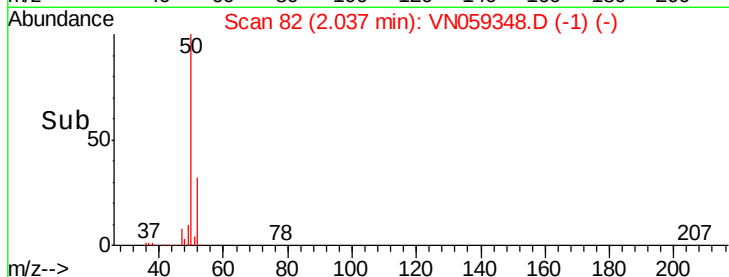
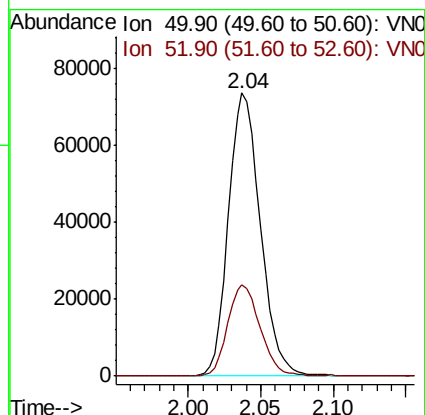
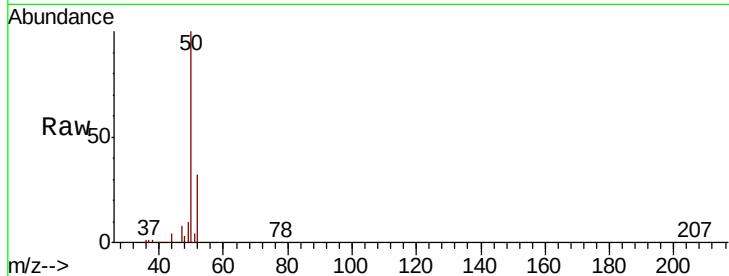
ClientSampled :

Tot Ion: 50 Resp: 112356

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 20.273 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059348.D

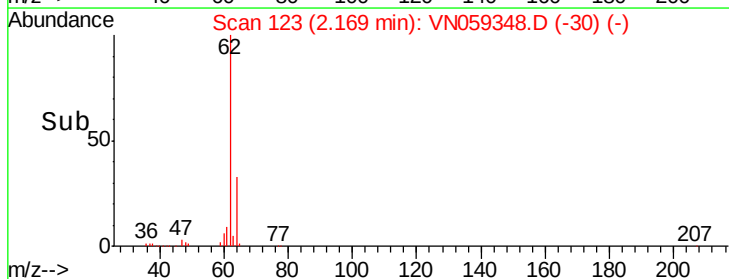
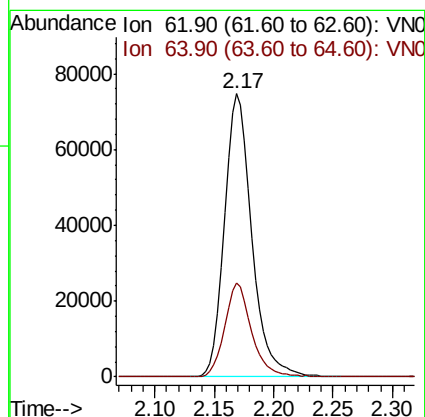
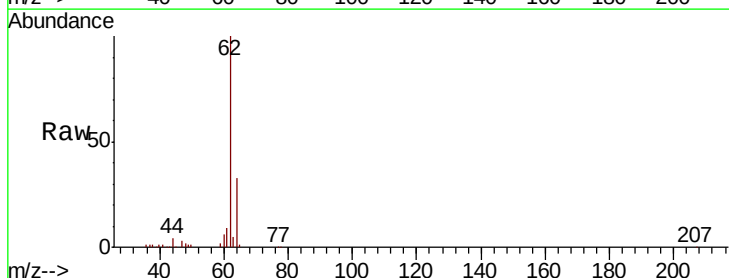
Acq: 21 Nov 2019 19:51

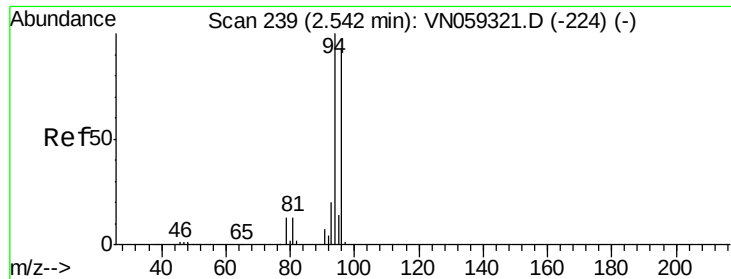
Tgt Ion: 62 Resp: 119078

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.0

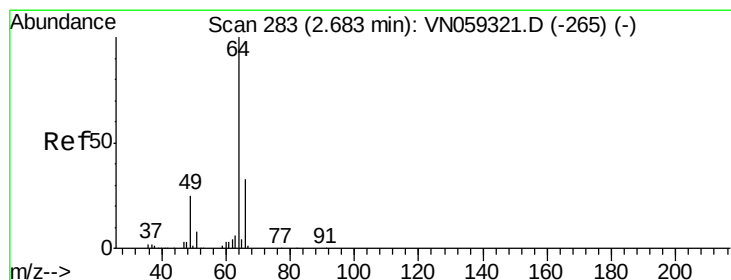
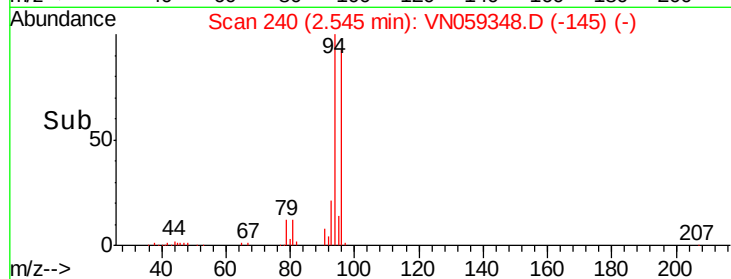
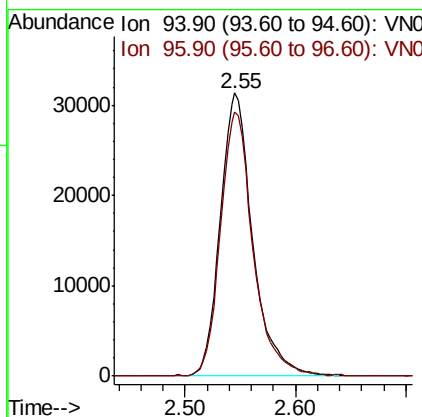
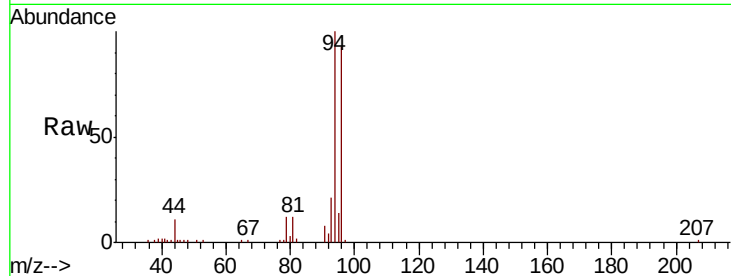




#5  
Bromomethane  
Concen: 19.576 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

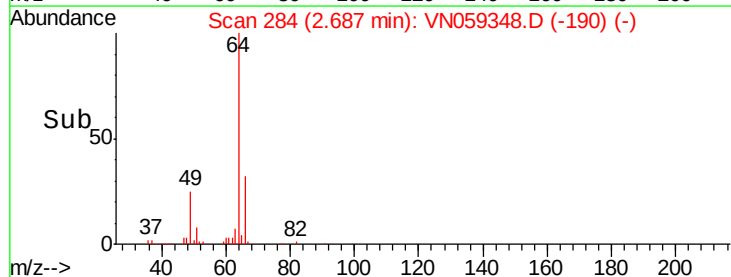
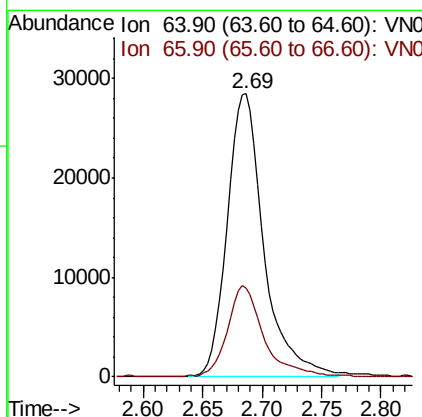
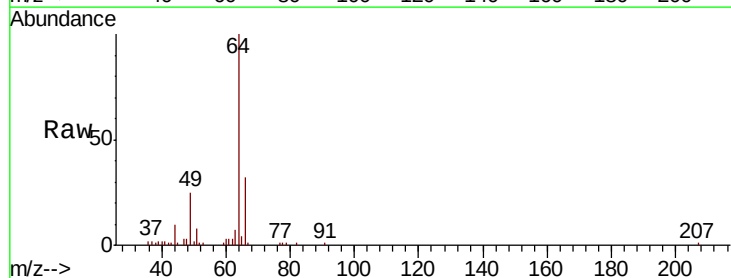
Instrument :  
MSVOA\_N  
ClientSampleId :

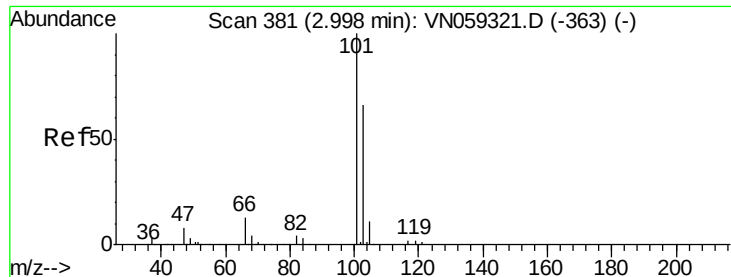
Tot Ion: 94 Resp: 63837  
Ion Ratio Lower Upper  
94 100  
96 93.5 74.5 111.7



#6  
Chloroethane  
Concen: 18.955 ug/l  
RT: 2.69 min Scan# 284  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

Tgt Ion: 64 Resp: 60765  
Ion Ratio Lower Upper  
64 100  
66 31.0 26.2 39.2



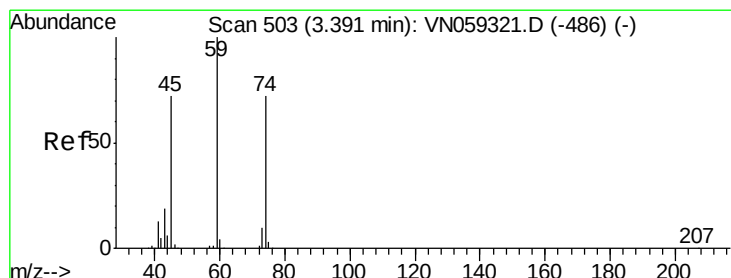
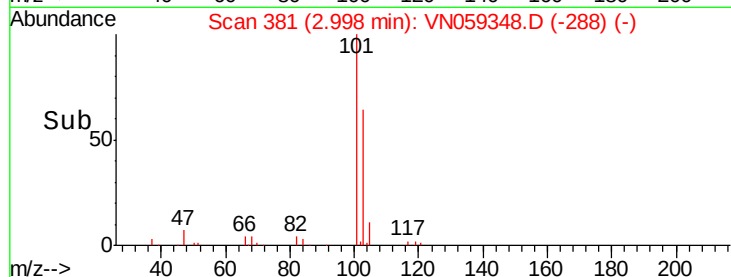
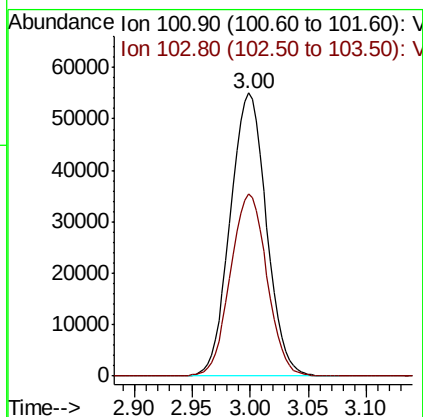
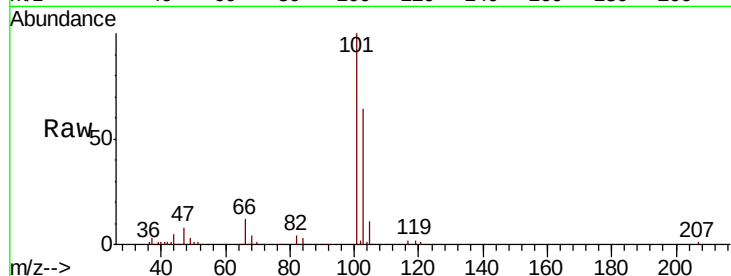


#7

Trichlorofluoromethane  
 Concen: 18.828 ug/l  
 RT: 3.00 min Scan# 381  
 Delta R.T. 0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

Instrument :  
 MSVOA\_N  
 ClientSampled :

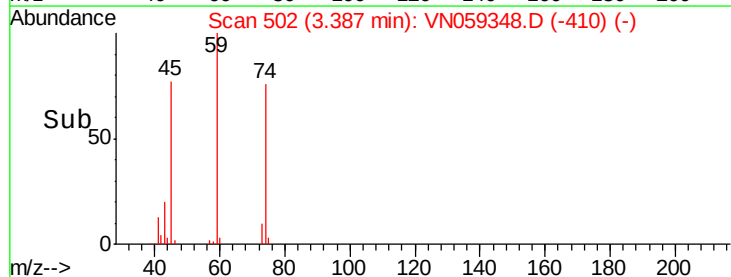
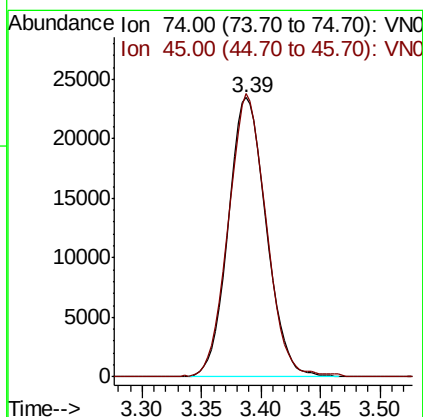
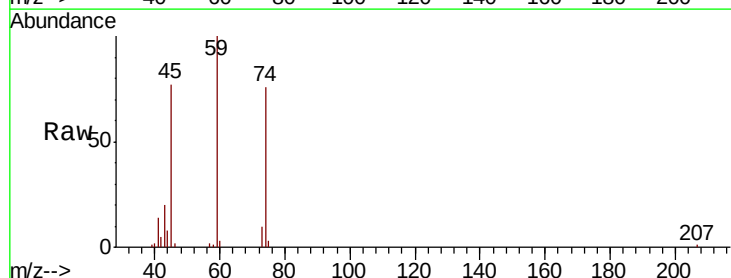
Tot Ion:101 Resp: 119095  
 Ion Ratio Lower Upper  
 101 100  
 103 64.2 52.5 78.7



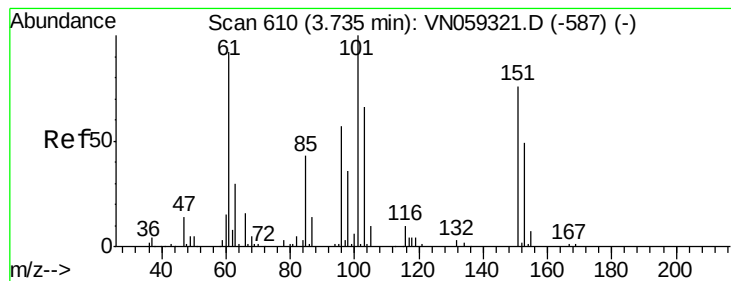
#8

Diethyl Ether  
 Concen: 20.059 ug/l  
 RT: 3.39 min Scan# 502  
 Delta R.T. -0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

Tgt Ion: 74 Resp: 51870  
 Ion Ratio Lower Upper  
 74 100  
 45 101.0 51.7 155.2







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.180 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

ClientSampled :

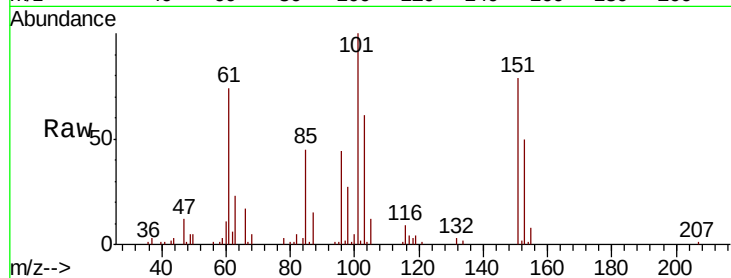
Tot Ion:101 Resp: 74183

Ion Ratio Lower Upper

101 100

85 43.6 34.8 52.2

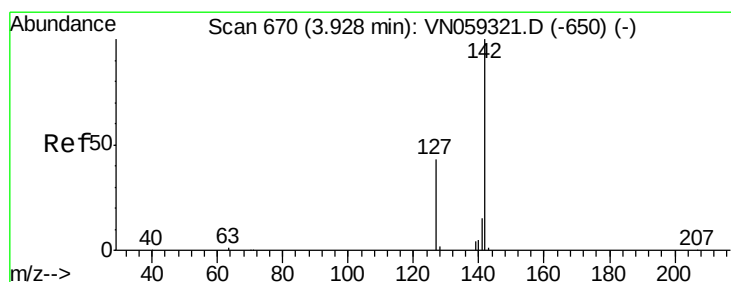
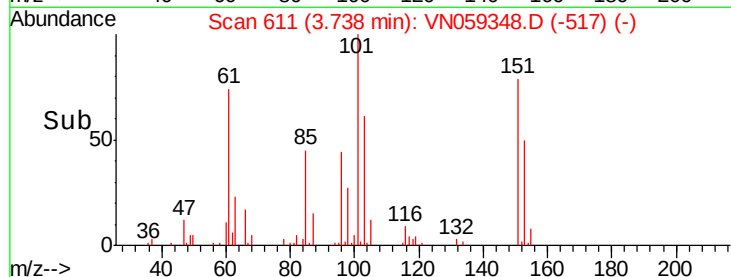
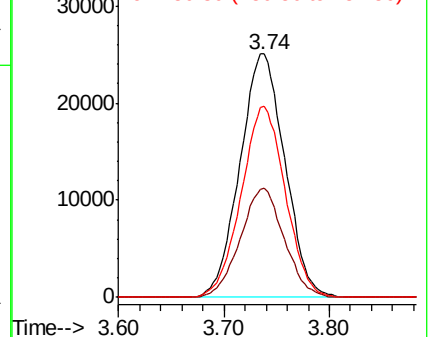
151 77.1 62.2 93.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.001 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

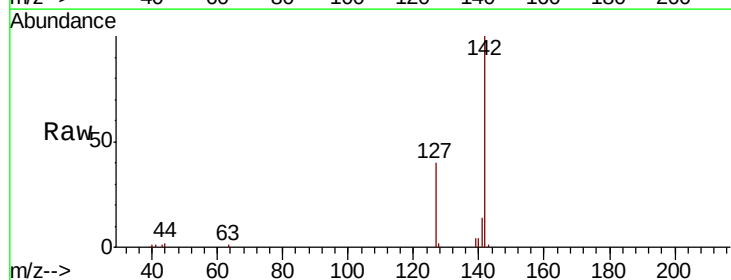
Tgt Ion:142 Resp: 96145

Ion Ratio Lower Upper

142 100

127 40.0 33.8 50.6

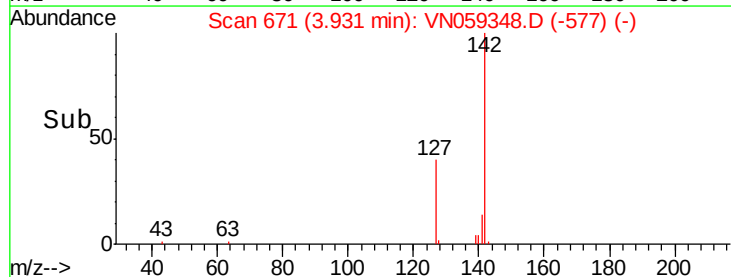
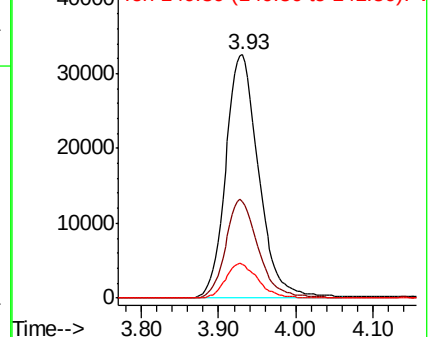
141 13.9 11.2 16.8

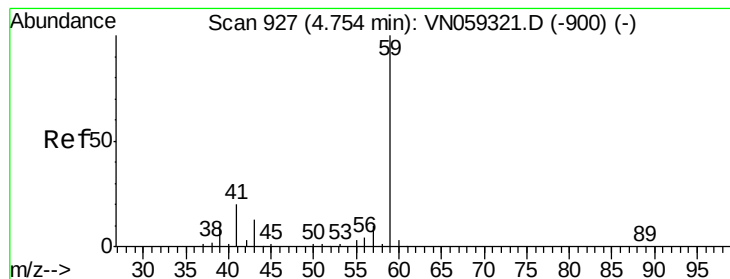


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



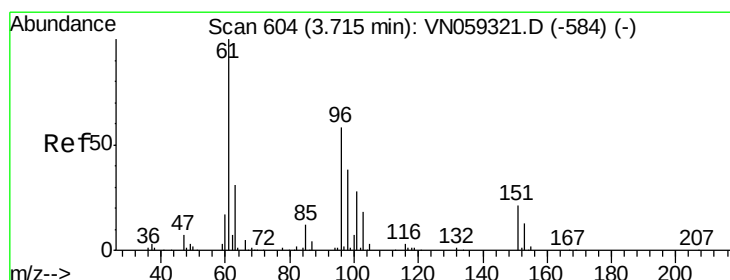
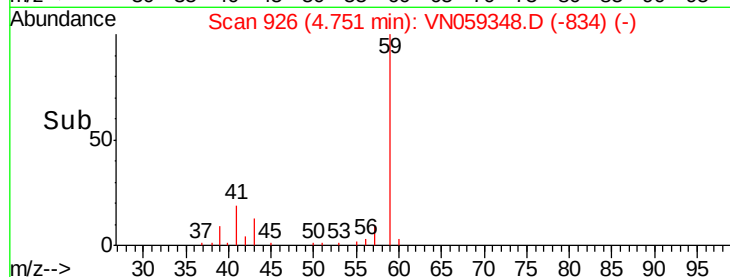
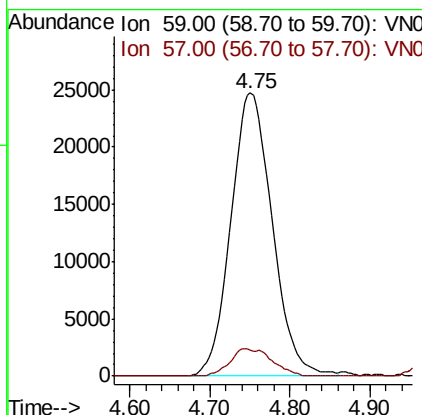
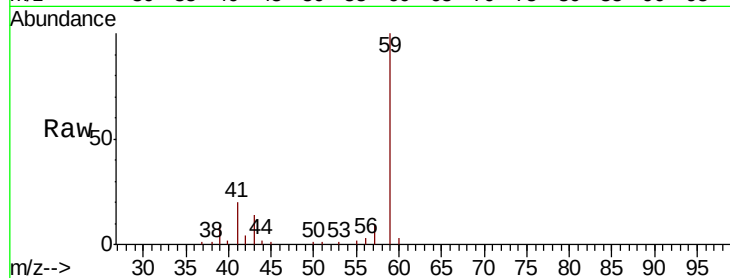


#11

Tert butyl alcohol  
 Concen: 99.679 ug/l  
 RT: 4.75 min Scan# 926  
 Delta R.T. -0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

Instrument :  
 MSVOA\_N  
 ClientSampled :

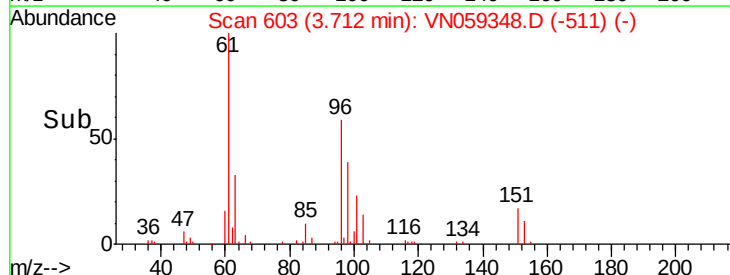
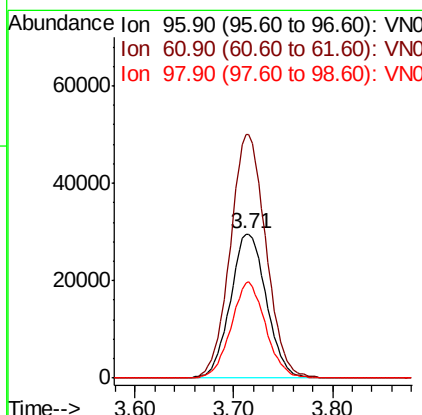
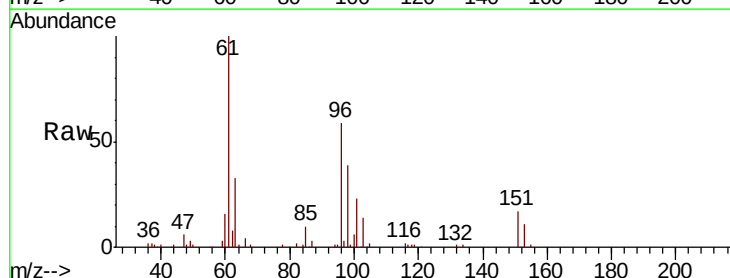
Tot Ion: 59 Resp: 87104  
 Ion Ratio Lower Upper  
 59 100  
 57 9.8 8.2 12.2

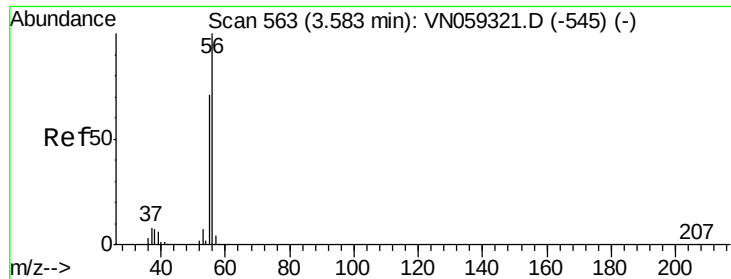


#12

1,1-Dichloroethene  
 Concen: 19.166 ug/l  
 RT: 3.71 min Scan# 603  
 Delta R.T. -0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

Tgt Ion: 96 Resp: 75244  
 Ion Ratio Lower Upper  
 96 100  
 61 169.0 136.8 205.2  
 98 65.9 51.6 77.4





#13

Acrolein

Concen: 90.356 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

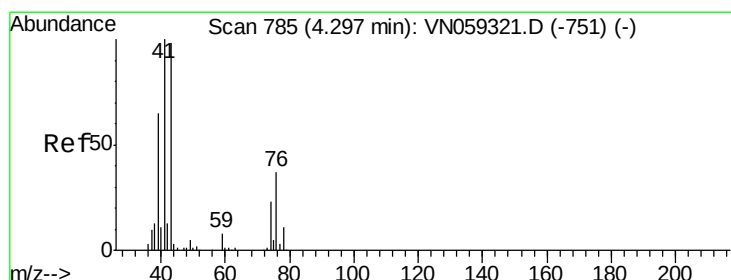
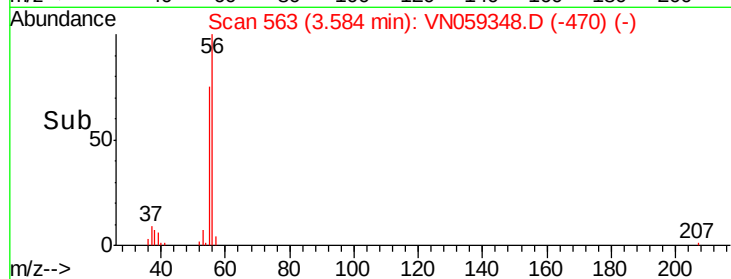
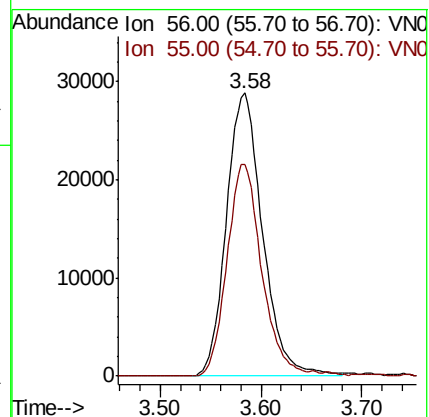
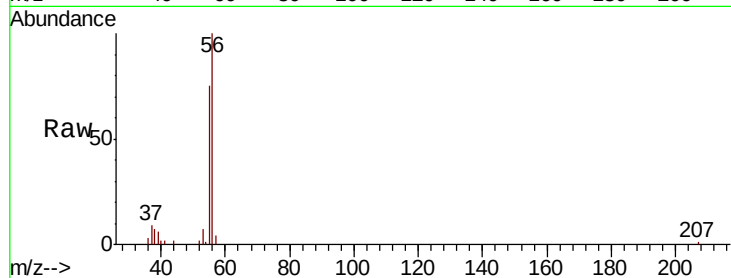
ClientSampleId :

Tot Ion: 56 Resp: 72076

Ion Ratio Lower Upper

56 100

55 71.4 57.4 86.0



#14

Allyl chloride

Concen: 19.238 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

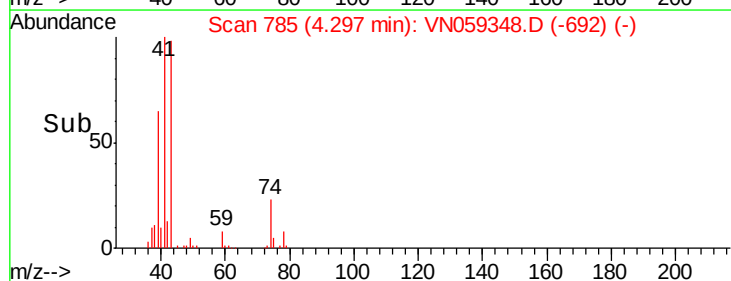
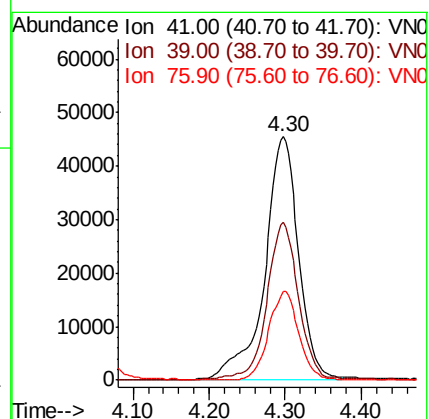
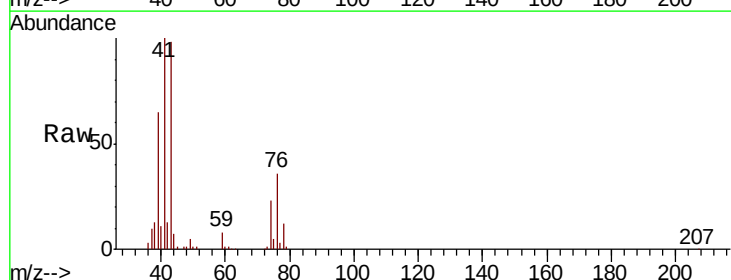
Tgt Ion: 41 Resp: 141099

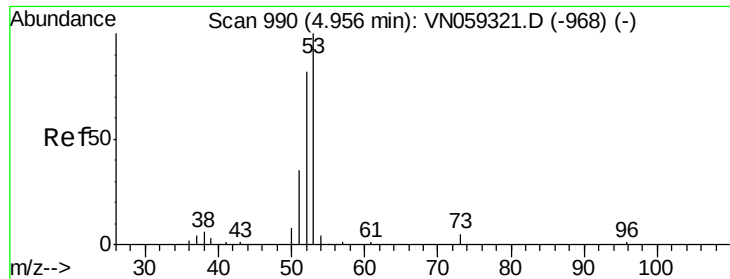
Ion Ratio Lower Upper

41 100

39 58.6 48.4 72.6

76 32.4 26.2 39.4





#15

Acrylonitrile

Concen: 97.756 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

ClientSampled :

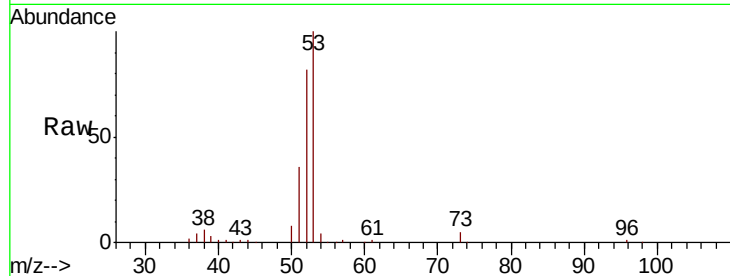
Tot Ion: 53 Resp: 225861

Ion Ratio Lower Upper

53 100

52 82.6 65.8 98.8

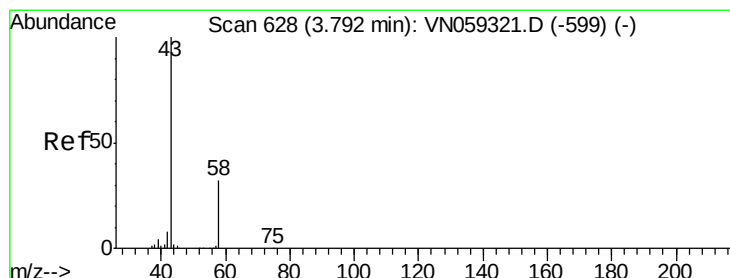
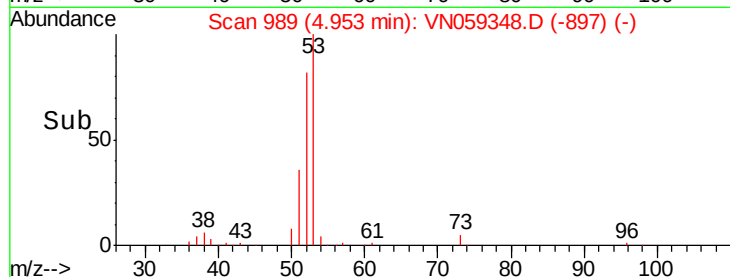
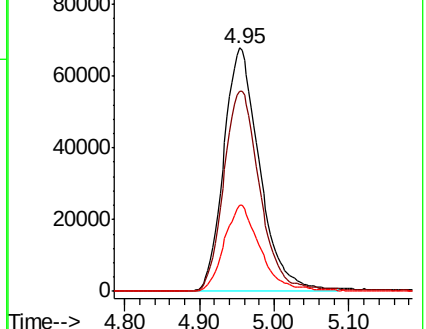
51 35.5 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN059348.D (-989) (-)

Ion 52.00 (51.70 to 52.70): VN059348.D (-989) (-)

Ion 51.00 (50.70 to 51.70): VN059348.D (-989) (-)



#16

Acetone

Concen: 92.187 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059348.D

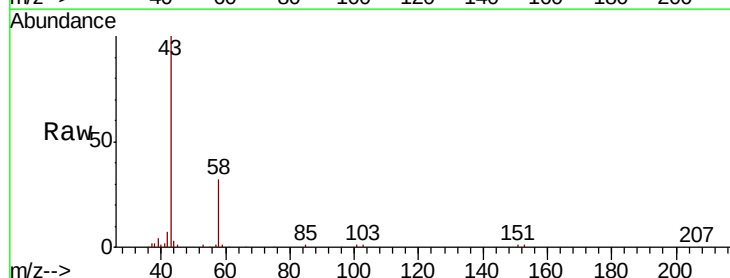
Acq: 21 Nov 2019 19:51

Tgt Ion: 43 Resp: 180408

Ion Ratio Lower Upper

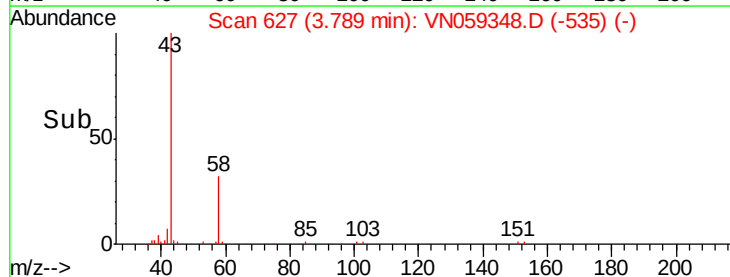
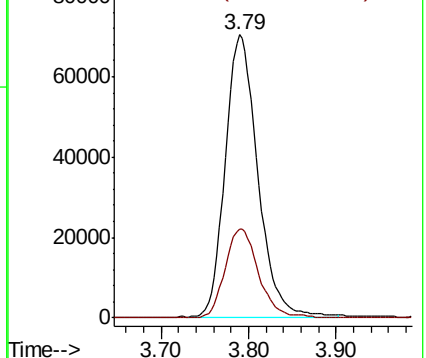
43 100

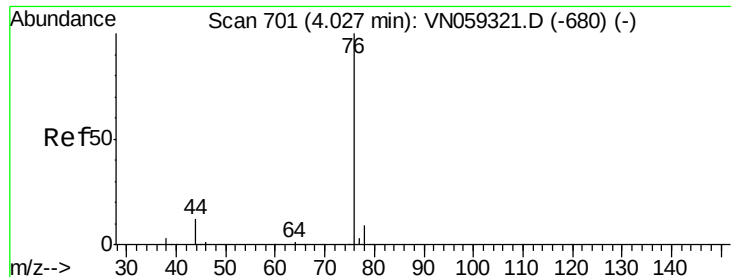
58 31.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059348.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN059348.D (-535) (-)

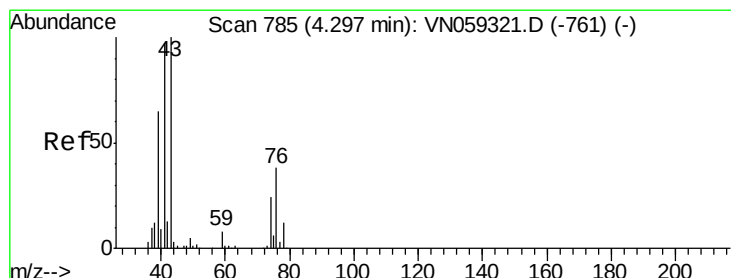
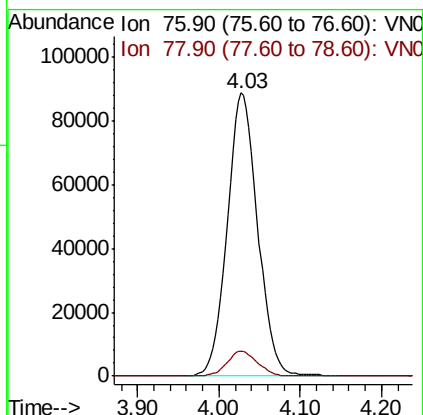
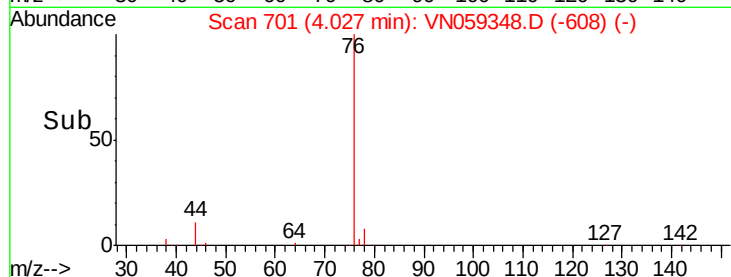
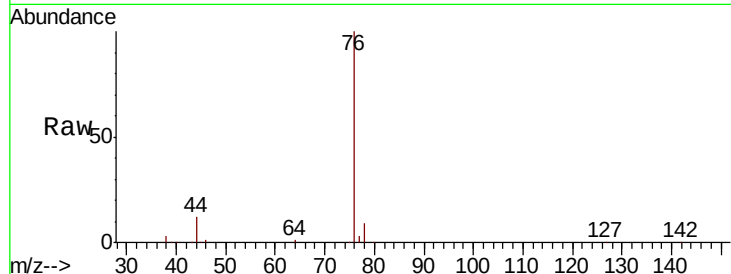




#17  
Carbon Disulfide  
Concen: 18.901 ug/l  
RT: 4.03 min Scan# 701  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

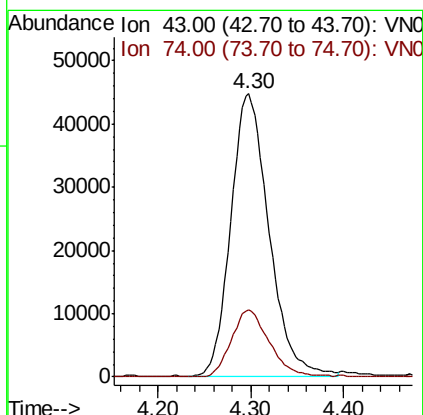
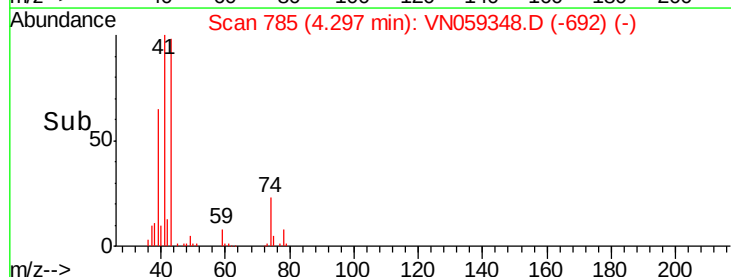
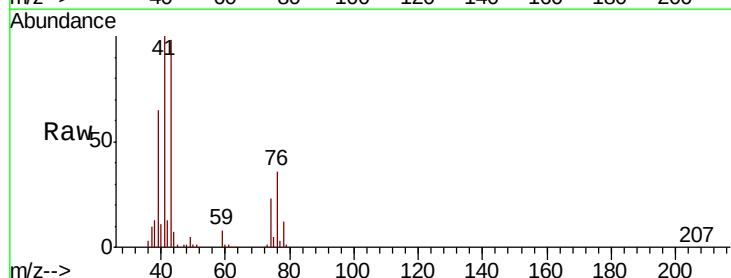
Instrument :  
MSVOA\_N  
ClientSampleId :

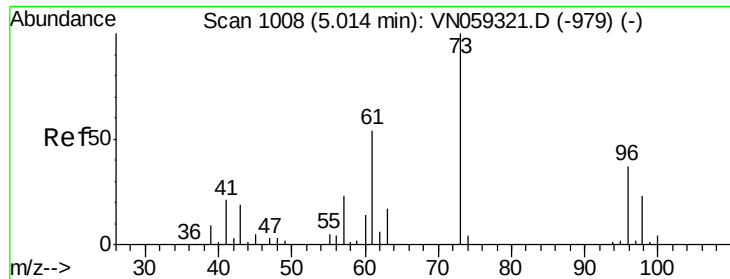
Tot Ion: 76 Resp: 231481  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.2 10.8



#18  
Methyl Acetate  
Concen: 19.547 ug/l  
RT: 4.30 min Scan# 785  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

Tgt Ion: 43 Resp: 126952  
Ion Ratio Lower Upper  
43 100  
74 23.5 18.1 27.1

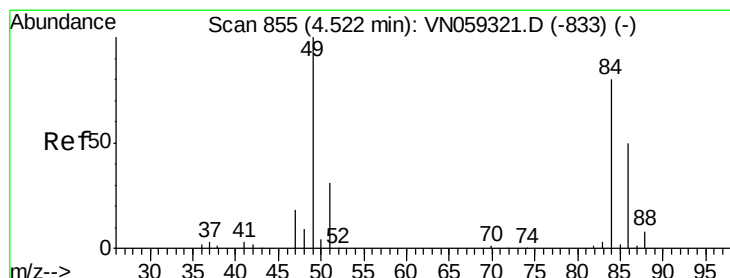
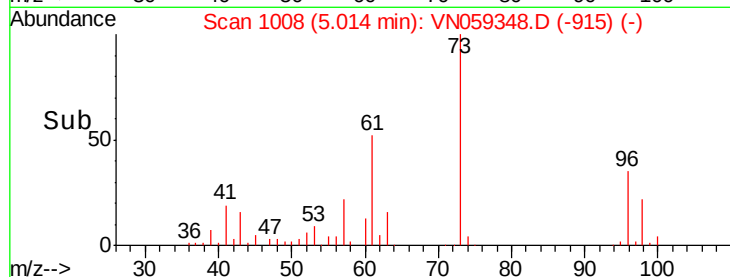
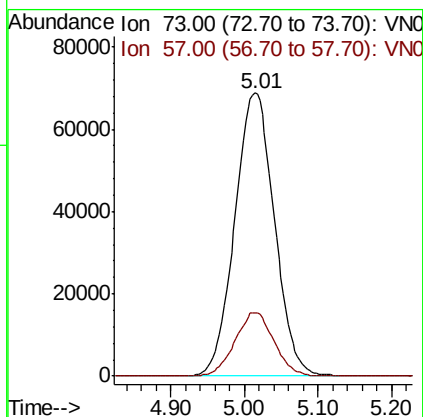
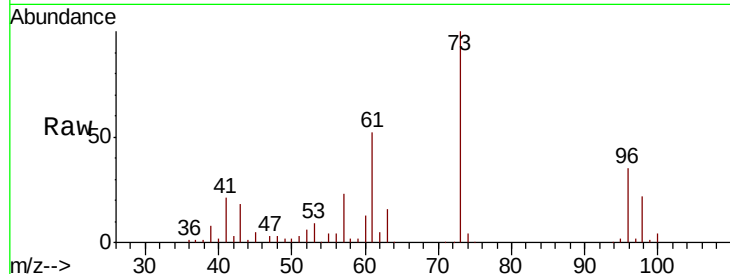




#19  
Methvl tert-butyl Ether  
Concen: 20.294 ug/l  
RT: 5.01 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

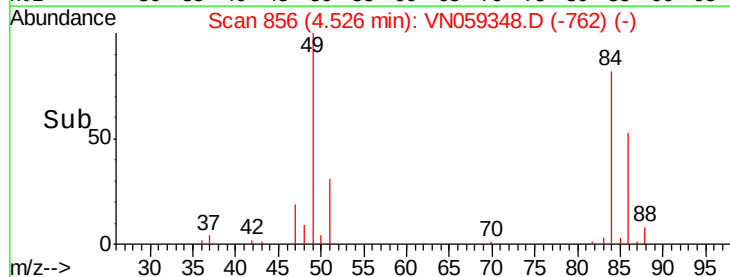
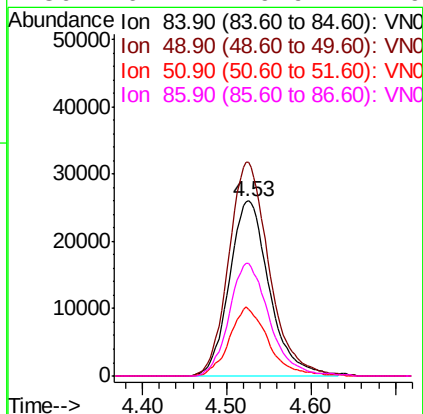
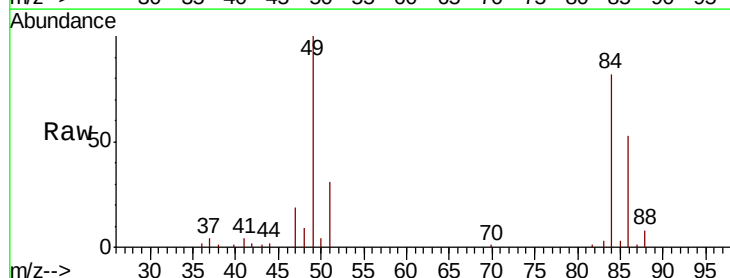
Instrument :  
MSVOA\_N  
ClientSampled :

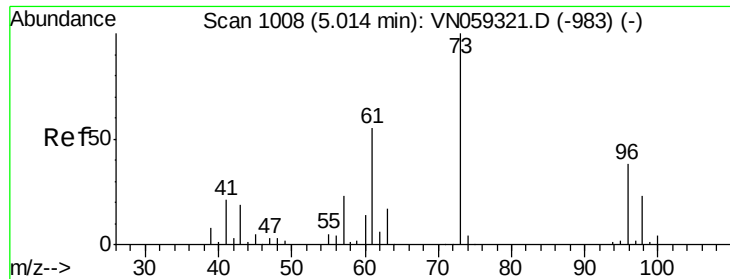
Tot Ion: 73 Resp: 257338  
Ion Ratio Lower Upper  
73 100  
57 22.6 18.4 27.6



#20  
Methylene Chloride  
Concen: 19.455 ug/l  
RT: 4.53 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

Tgt Ion: 84 Resp: 85869  
Ion Ratio Lower Upper  
84 100  
49 122.2 99.5 149.3  
51 38.3 31.1 46.7  
86 64.4 49.9 74.9

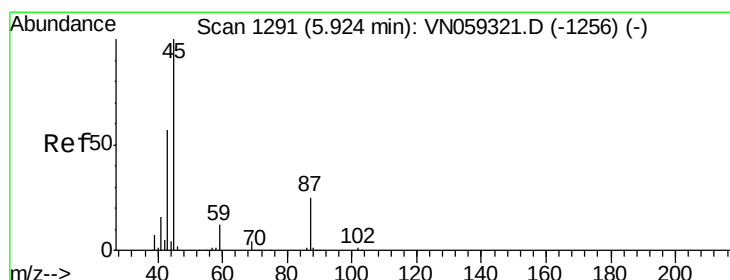
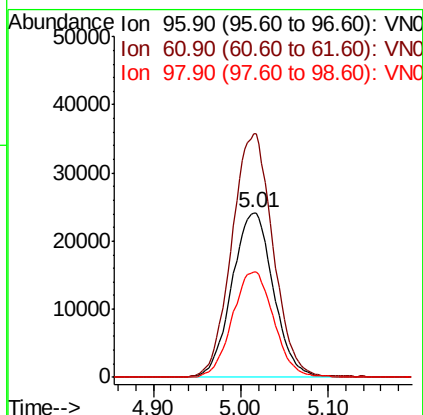
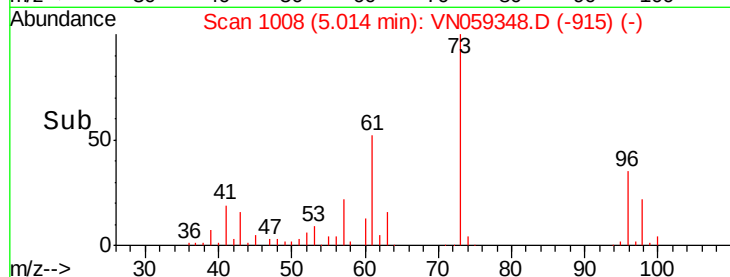
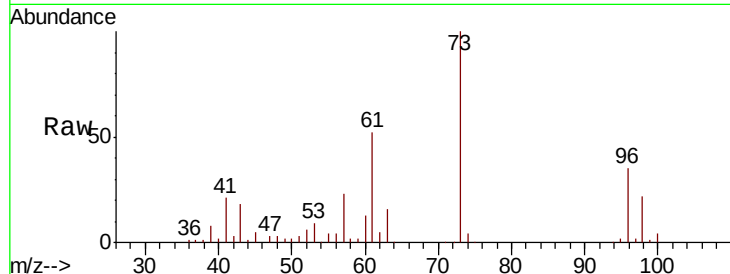




#21  
trans-1,2-Dichloroethene  
Concen: 19.113 ug/l  
RT: 5.01 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

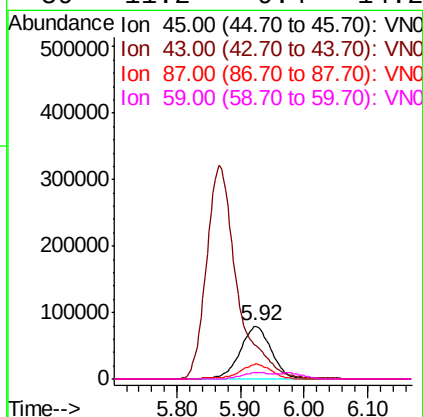
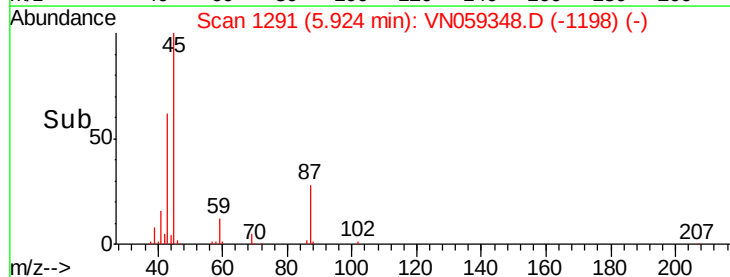
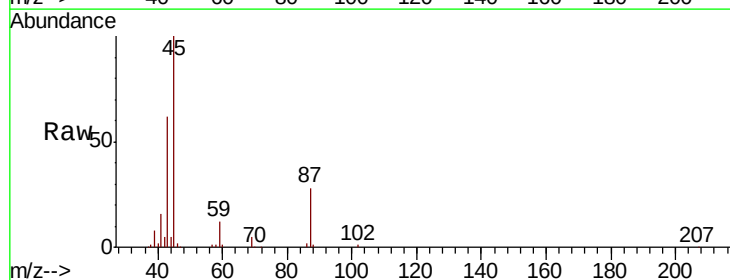
Instrument :  
MSVOA\_N  
ClientSampled :

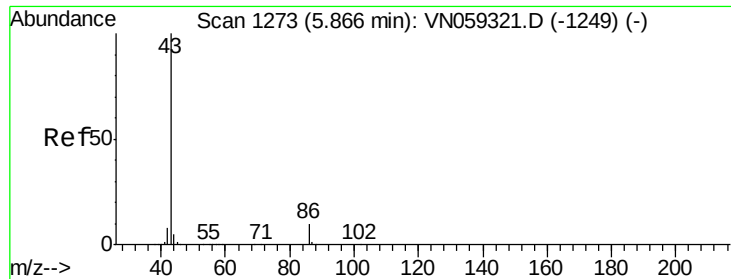
Tot Ion: 96 Resp: 79528  
Ion Ratio Lower Upper  
96 100  
61 147.8 116.4 174.6  
98 63.7 49.6 74.4



#22  
Diisopropyl ether  
Concen: 19.471 ug/l  
RT: 5.92 min Scan# 1291  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

Tgt Ion: 45 Resp: 268874  
Ion Ratio Lower Upper  
45 100  
43 60.7 47.6 71.4  
87 28.1 20.7 31.1  
59 11.2 9.4 14.2





#23

Vinyl Acetate

Concen: 98.915 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

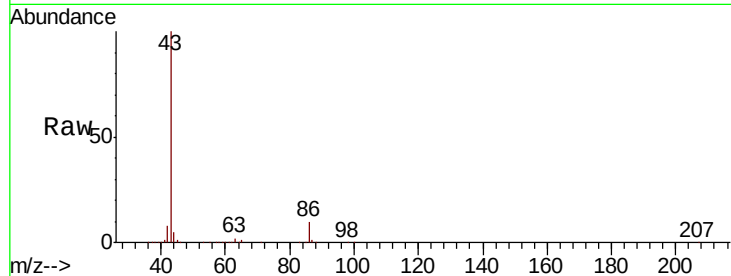
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 43 Resp: 1074130

Ion Ratio Lower Upper

43 100

86 10.0 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN059348.D (-1180) (-)

Ion 86.00 (85.70 to 86.70): VN059348.D (-1180) (-)

5.87

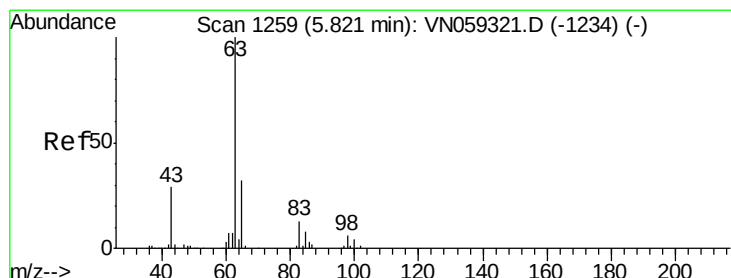
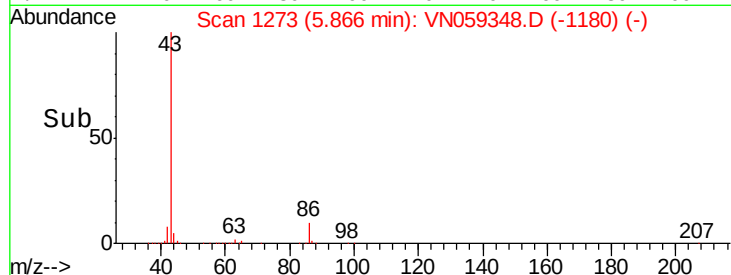
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.612 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

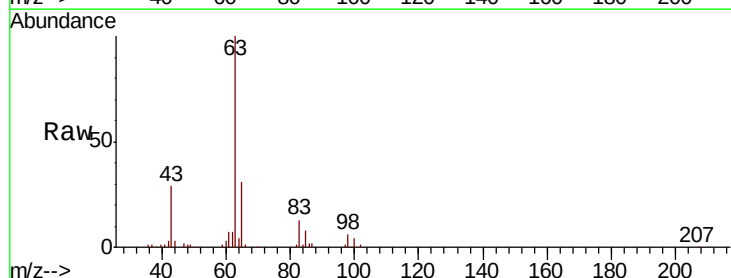
Tgt Ion: 63 Resp: 152442

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

100 4.0 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN059348.D (-1166) (-)

Ion 97.90 (97.60 to 98.60): VN059348.D (-1166) (-)

Ion 99.90 (99.60 to 100.60): VN059348.D (-1166) (-)

5.82

60000

50000

40000

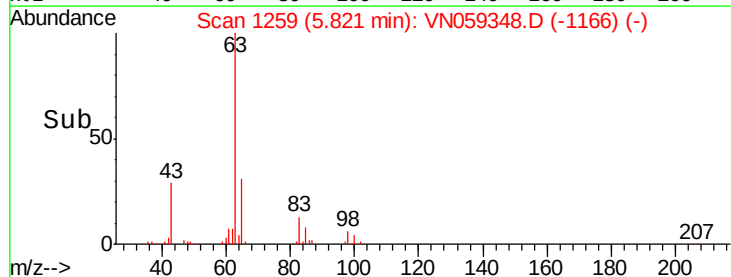
30000

20000

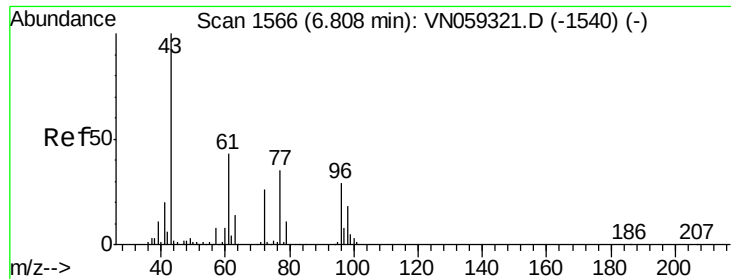
10000

0

Time-->



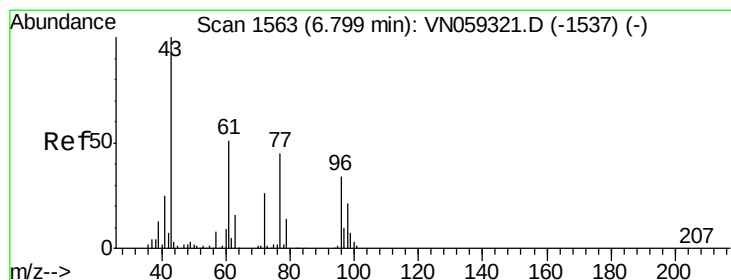
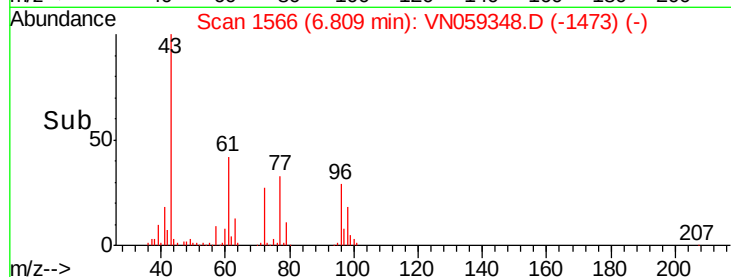
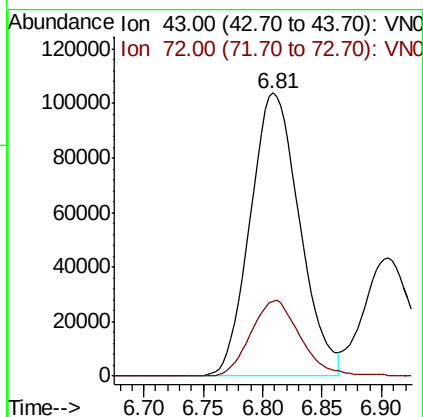
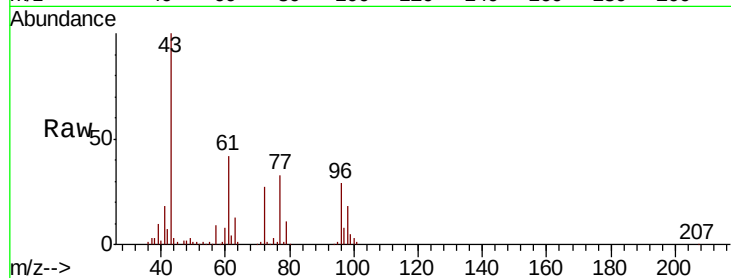




#25  
 2-Butanone  
 Concen: 97.915 ug/l  
 RT: 6.81 min Scan# 1566  
 Delta R.T. 0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

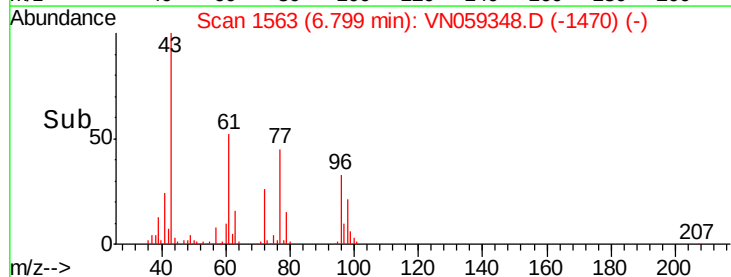
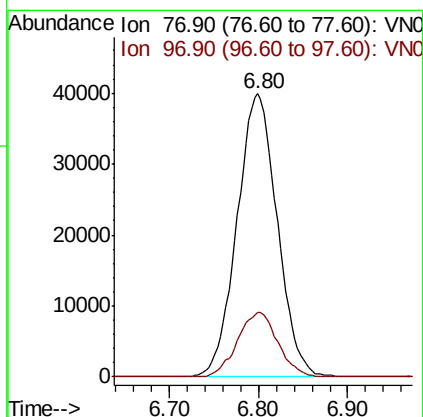
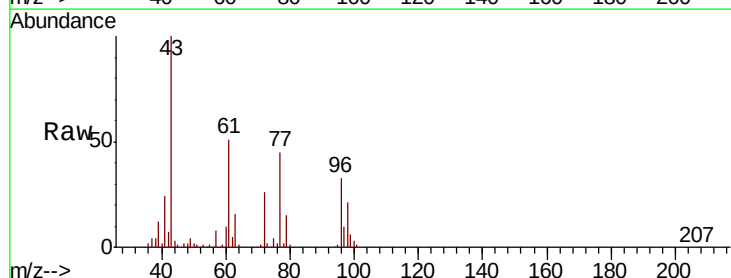
Instrument :  
 MSVOA\_N  
 ClientSampled :

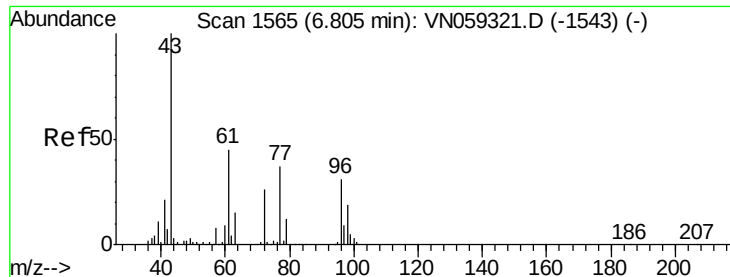
Tot Ion: 43 Resp: 297964  
 Ion Ratio Lower Upper  
 43 100  
 72 26.7 20.5 30.7



#26  
 2,2-Dichloropropane  
 Concen: 18.577 ug/l  
 RT: 6.80 min Scan# 1563  
 Delta R.T. 0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

Tgt Ion: 77 Resp: 125030  
 Ion Ratio Lower Upper  
 77 100  
 97 22.8 11.5 34.4

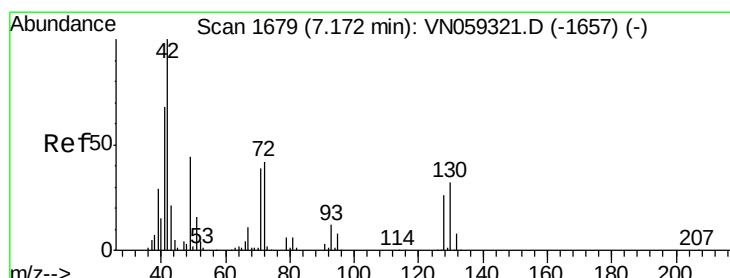
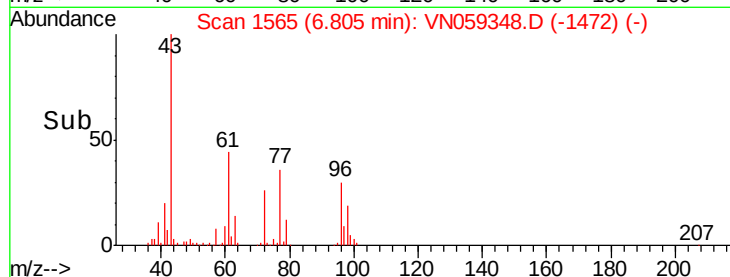
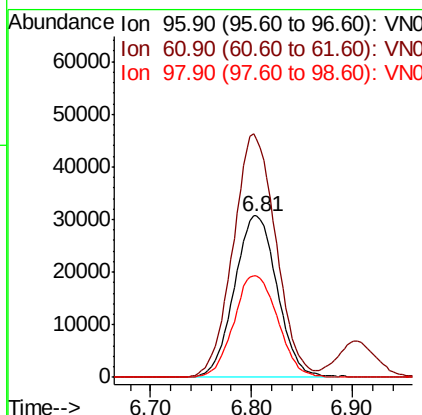
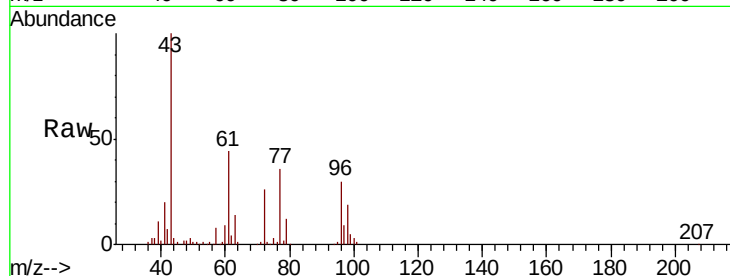




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.260 ug/l  
 RT: 6.81 min Scan# 1565  
 Delta R.T. 0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

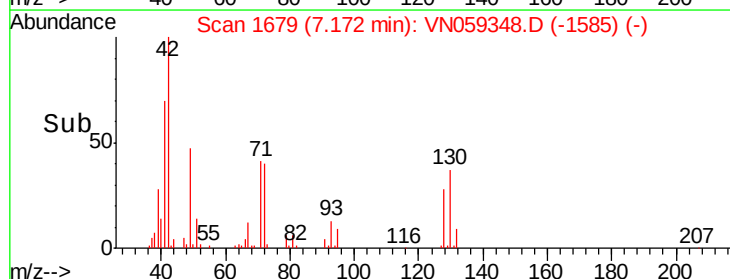
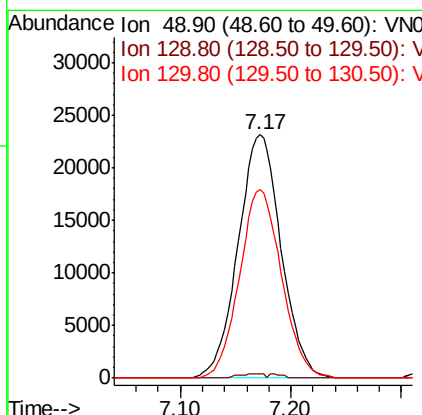
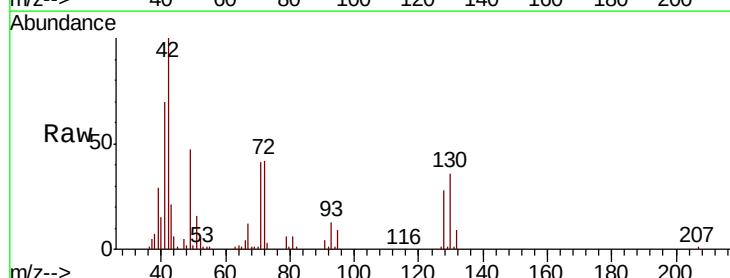
Instrument :  
 MSVOA\_N  
 ClientSampled :

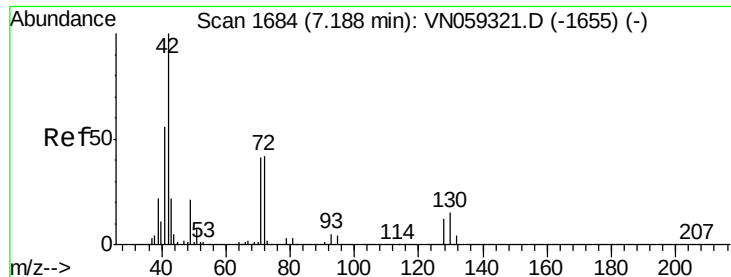
Tot Ion: 96 Resp: 90415  
 Ion Ratio Lower Upper  
 96 100  
 61 150.6 0.0 304.0  
 98 64.4 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 21.183 ug/l  
 RT: 7.17 min Scan# 1679  
 Delta R.T. 0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

Tgt Ion: 49 Resp: 62567  
 Ion Ratio Lower Upper  
 49 100  
 129 1.0 0.0 3.8  
 130 75.5 57.0 85.6

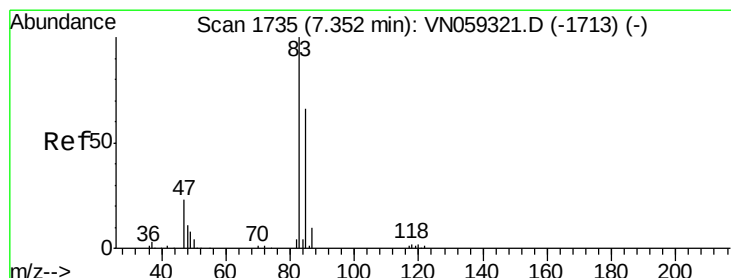
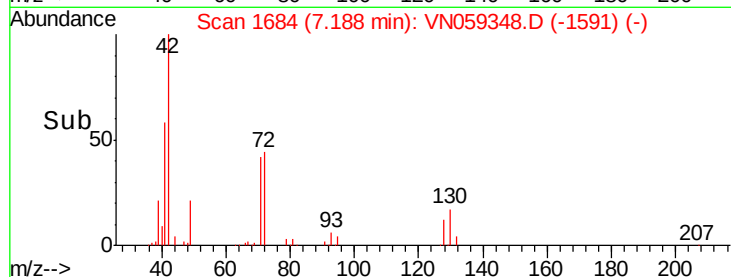
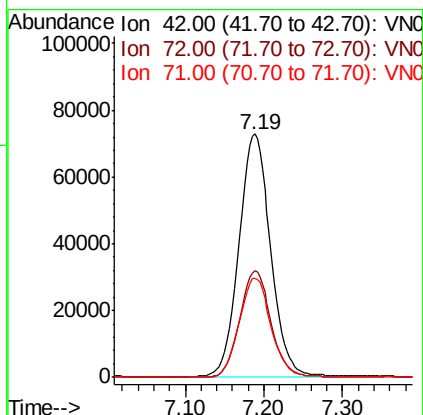
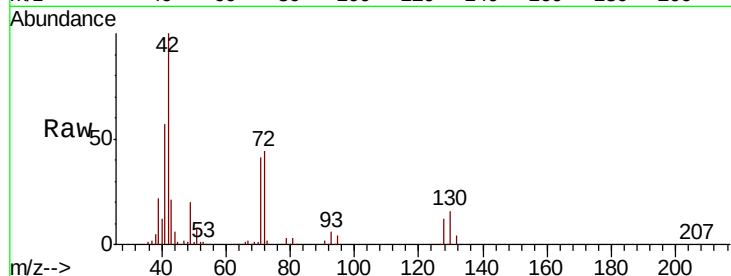




#29  
Tetrahydrofuran  
Concen: 98.678 ug/l  
RT: 7.19 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

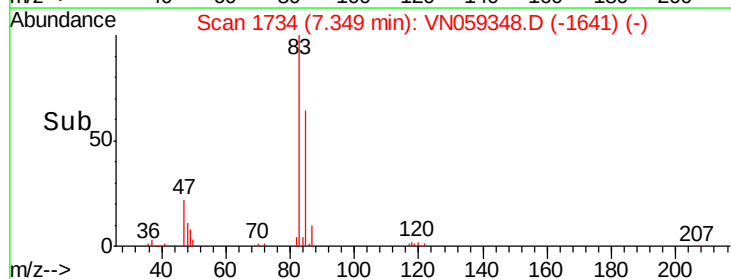
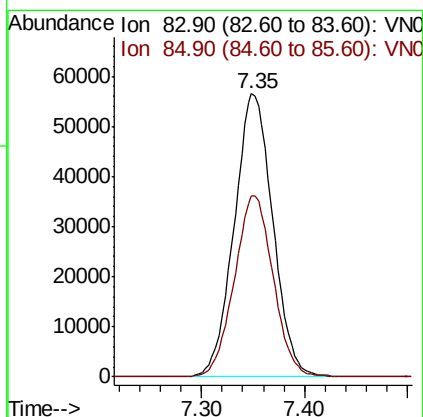
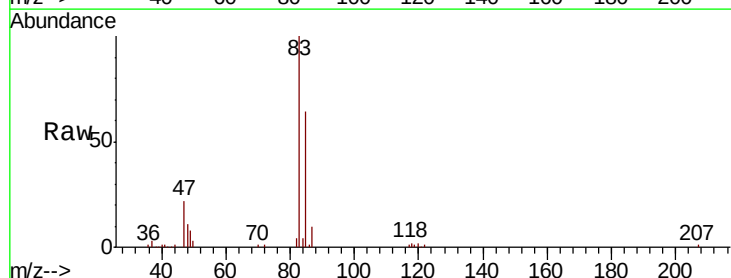
Instrument :  
MSVOA\_N  
ClientSampled :

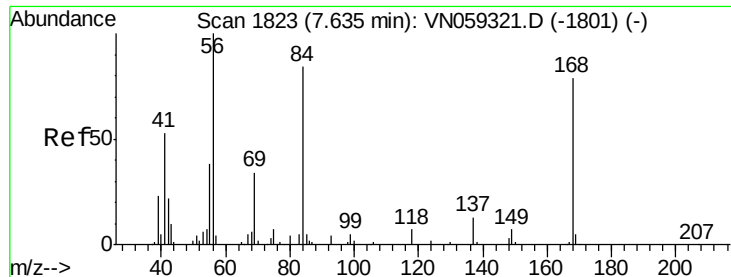
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.1  | 34.2  | 51.2  |
| 71      | 40.6  | 32.6  | 48.8  |



#30  
Chloroform  
Concen: 19.407 ug/l  
RT: 7.35 min Scan# 1734  
Delta R.T. -0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.0  | 52.7  | 79.1  |

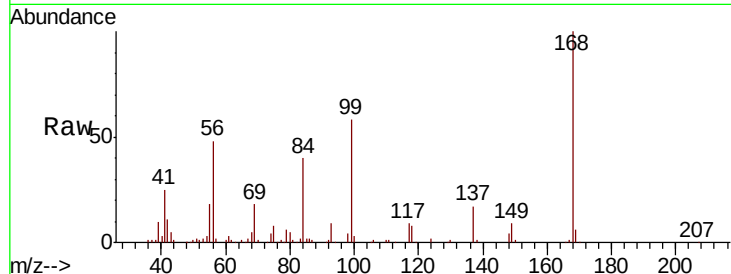




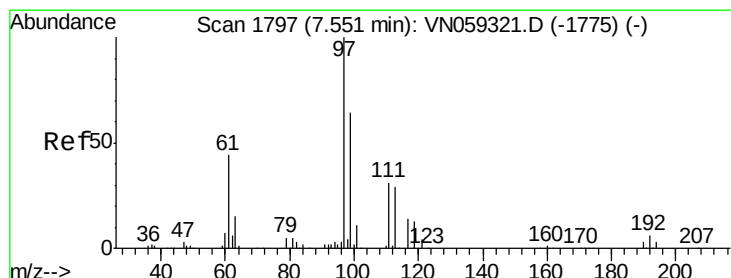
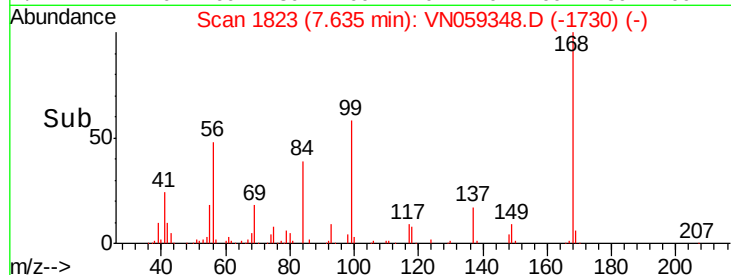
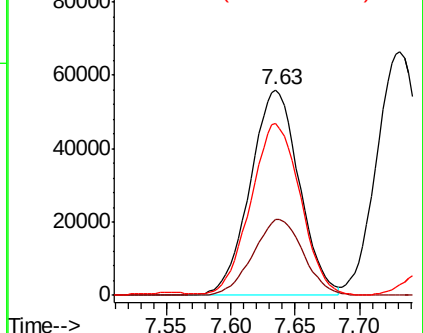
#31  
Cyclohexane  
Concen: 19.264 ug/l  
RT: 7.63 min Scan# 1823  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 56 Resp: 148044  
Ion Ratio Lower Upper  
56 100  
69 36.7 26.6 40.0  
84 82.5 67.0 100.4

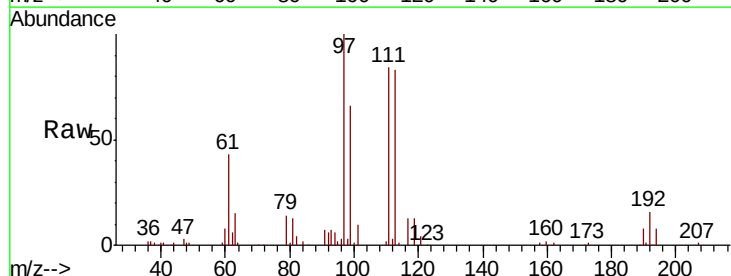


Abundance Ion 56.00 (55.70 to 56.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 84.00 (83.70 to 84.70): VN0

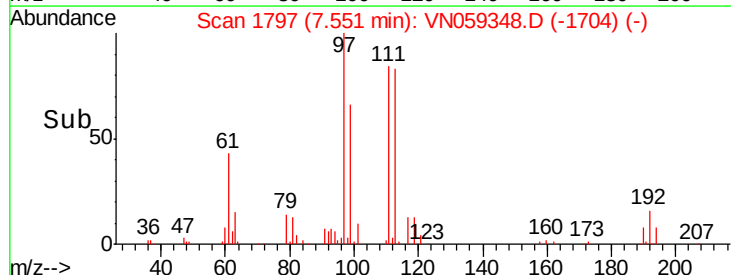
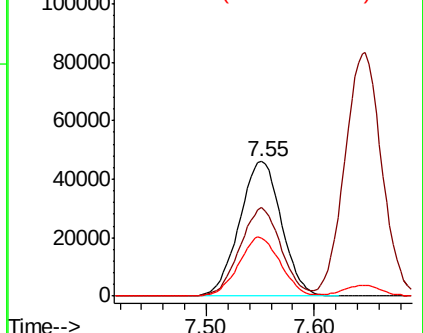


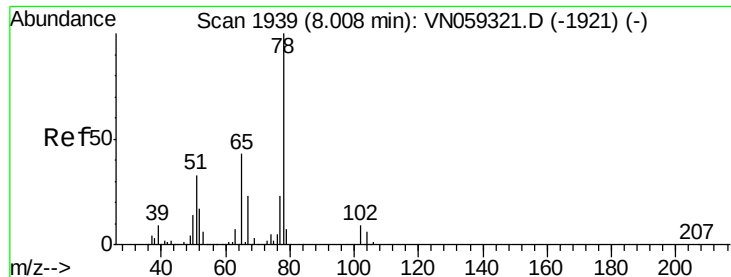
#32  
1,1,1-Trichloroethane  
Concen: 19.270 ug/l  
RT: 7.55 min Scan# 1797  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

Tgt Ion: 97 Resp: 124880  
Ion Ratio Lower Upper  
97 100  
99 64.2 51.3 76.9  
61 43.3 35.3 52.9



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

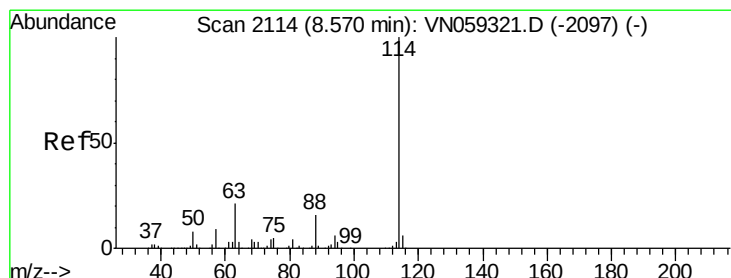
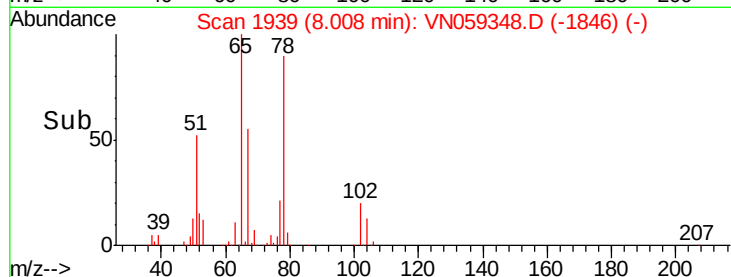
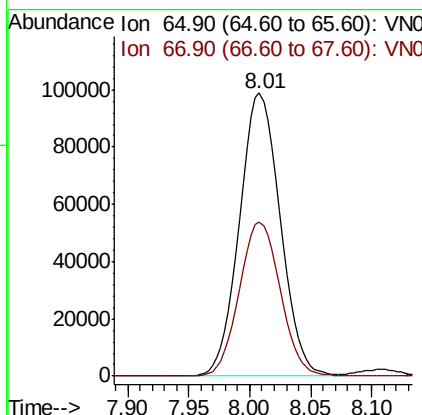
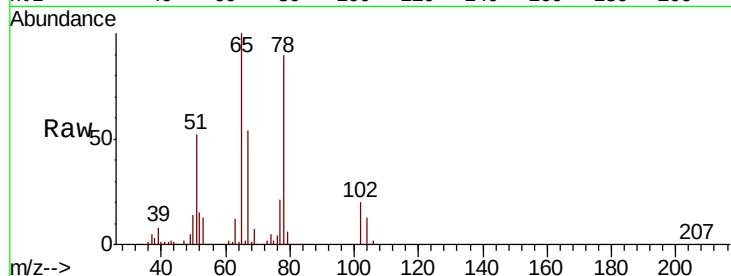




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.517 ug/l  
 RT: 8.01 min Scan# 1939  
 Delta R.T. 0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

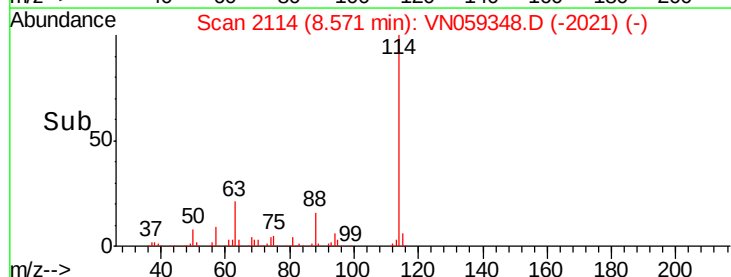
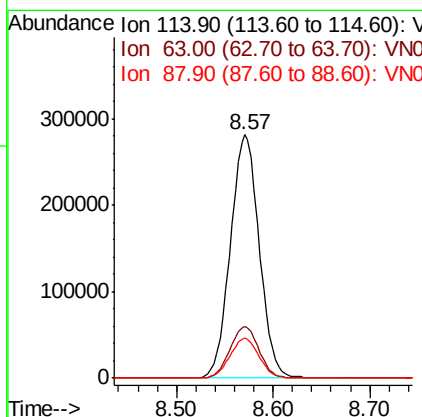
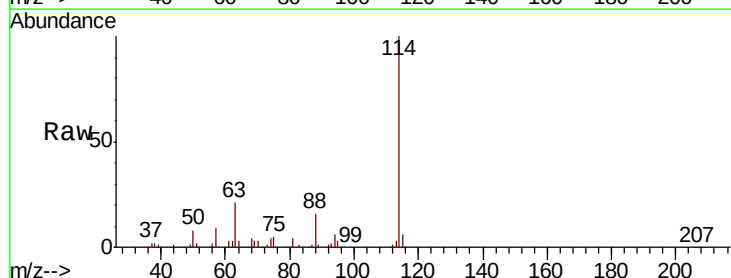
Instrument :  
 MSVOA\_N  
 ClientSampled :

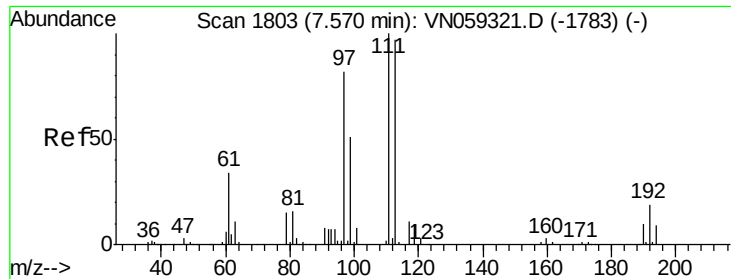
Tot Ion: 65 Resp: 229213  
 Ion Ratio Lower Upper  
 65 100  
 67 54.7 0.0 109.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.57 min Scan# 2114  
 Delta R.T. 0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

Tgt Ion: 114 Resp: 582885  
 Ion Ratio Lower Upper  
 114 100  
 63 21.5 0.0 42.2  
 88 16.3 0.0 32.2

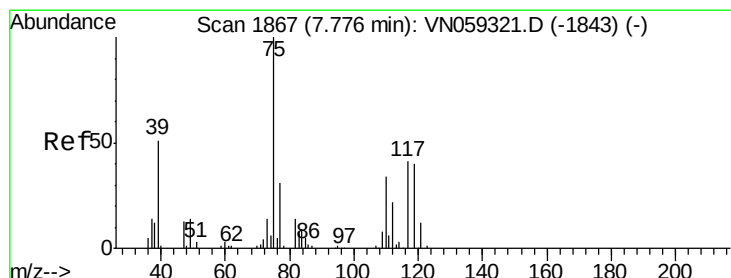
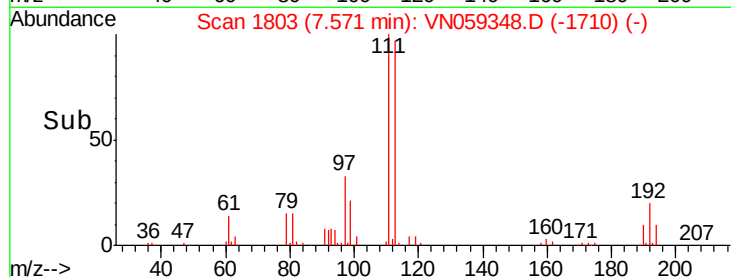
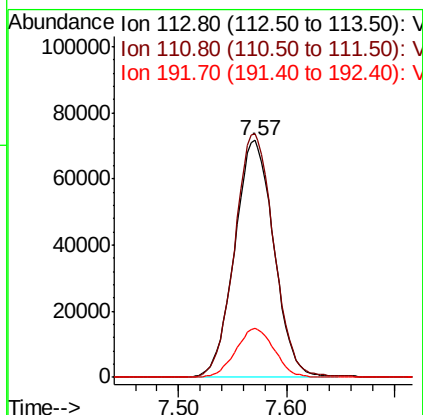
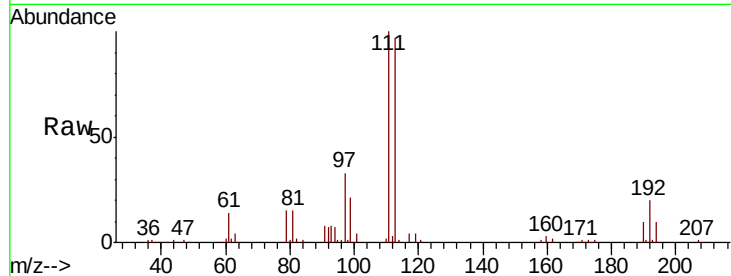




#35  
 Dibromofluoromethane  
 Concen: 51.972 ug/l  
 RT: 7.57 min Scan# 1803  
 Delta R.T. 0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

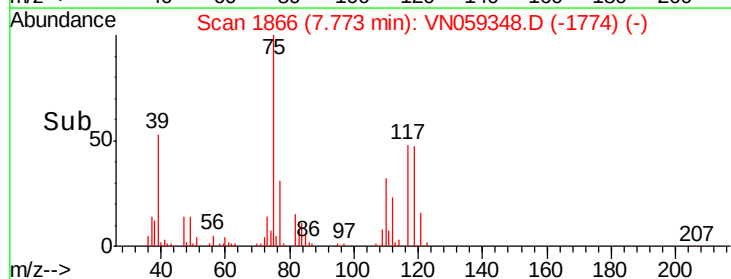
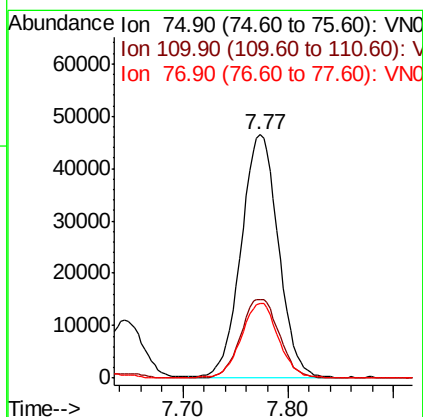
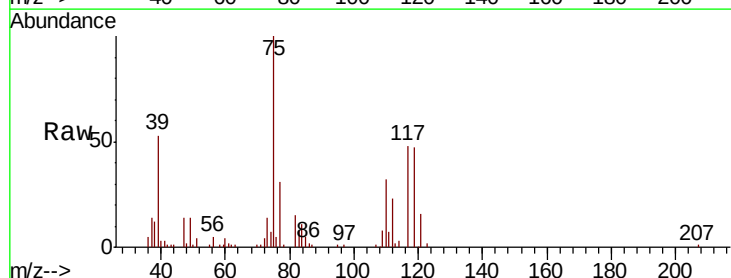
Instrument :  
 MSVOA\_N  
 ClientSampleId :

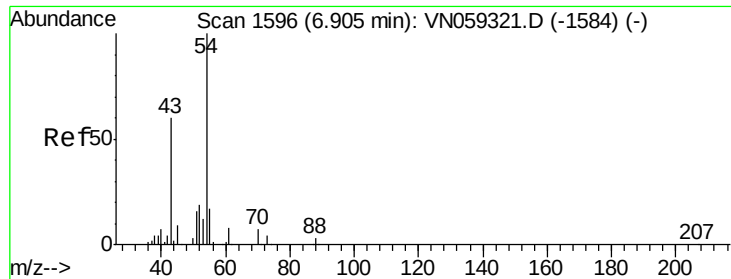
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.8 | 82.7  | 124.1 |
| 192     | 20.3  | 16.3  | 24.5  |



#36  
 1,1-Dichloropropene  
 Concen: 18.871 ug/l  
 RT: 7.77 min Scan# 1866  
 Delta R.T. -0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 33.4  | 17.0  | 51.0  |
| 77      | 31.1  | 24.8  | 37.2  |

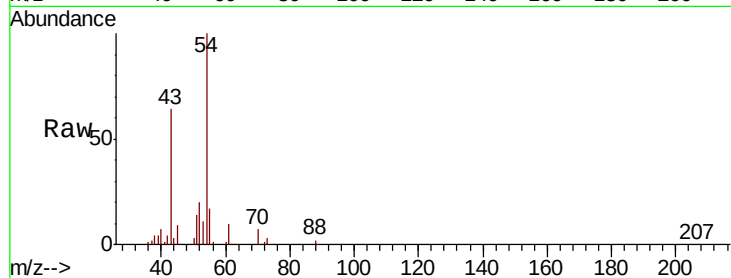




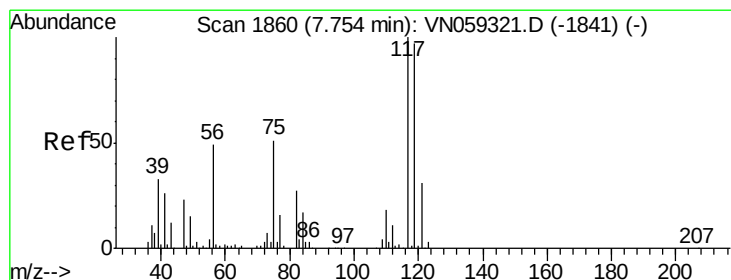
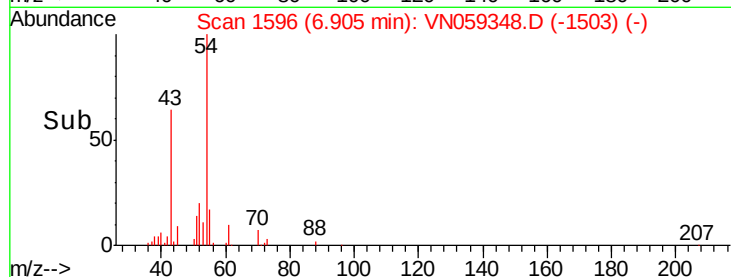
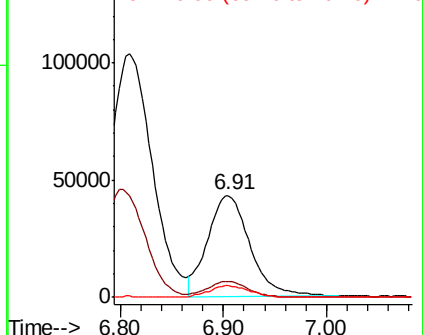
#37  
Ethyl Acetate  
Concen: 18.980 ug/l  
RT: 6.91 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

Instrument :  
MSVOA\_N  
ClientSampled :

Tot Ion: 43 Resp: 122747  
Ion Ratio Lower Upper  
43 100  
61 15.6 11.0 16.6  
70 11.2 8.8 13.2

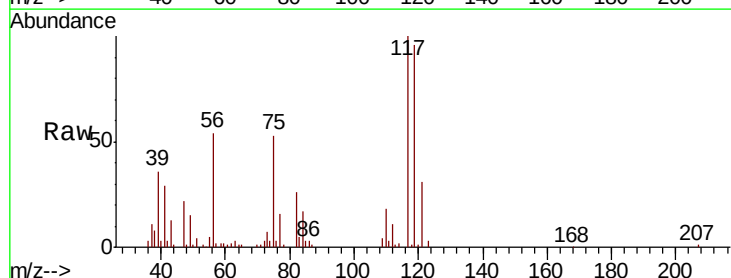


Abundance Ion 43.00 (42.70 to 43.70): VN0  
Ion 60.90 (60.60 to 61.60): VN0  
Ion 70.00 (69.70 to 70.70): VN0

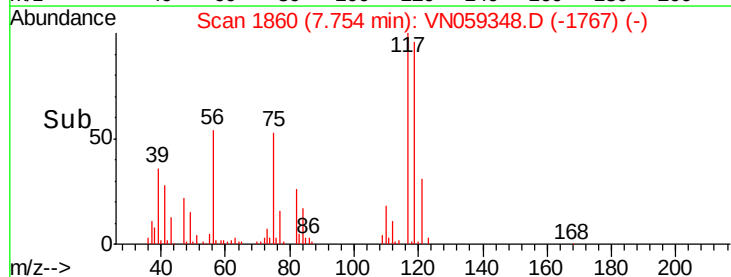
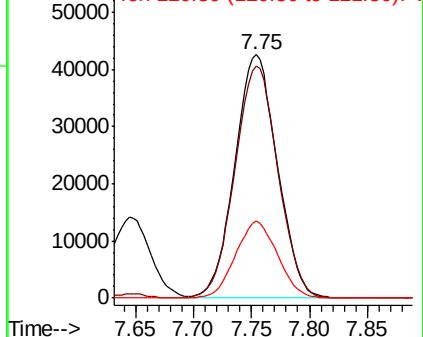


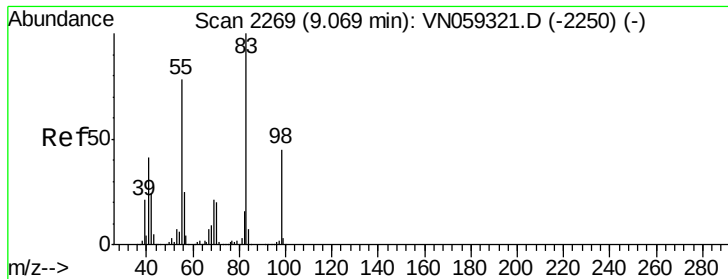
#38  
Carbon Tetrachloride  
Concen: 18.898 ug/l  
RT: 7.75 min Scan# 1860  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

Tgt Ion: 117 Resp: 108866  
Ion Ratio Lower Upper  
117 100  
119 95.5 77.0 115.4  
121 31.5 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

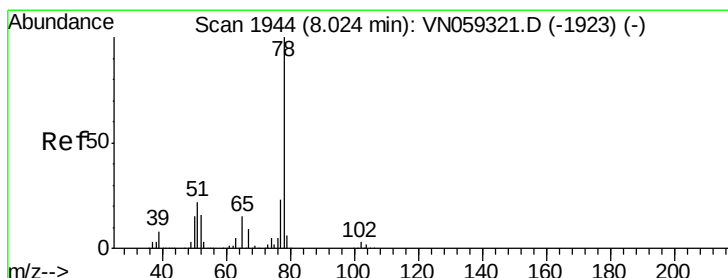
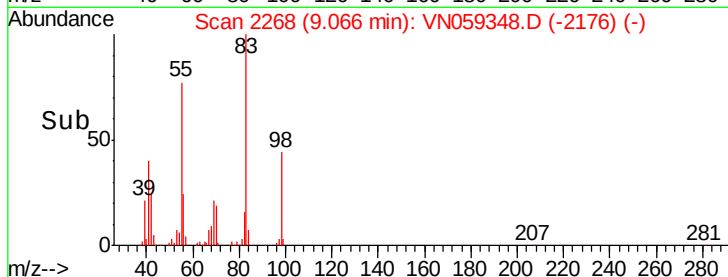
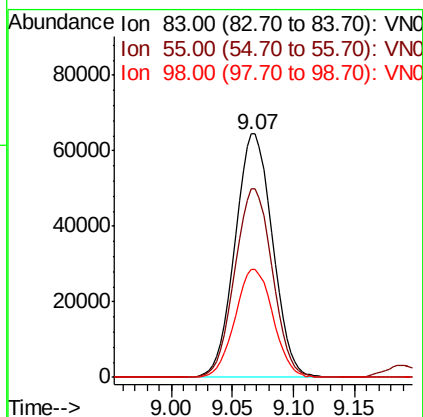
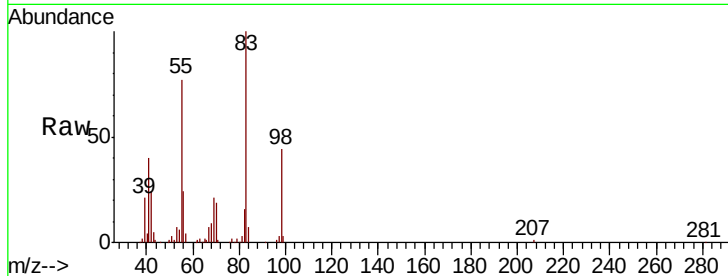




#39  
Methylvlcyclohexane  
Concen: 18.942 ug/l  
RT: 9.07 min Scan# 2268  
Delta R.T. -0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

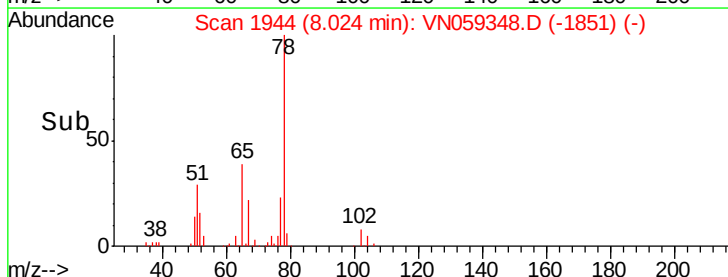
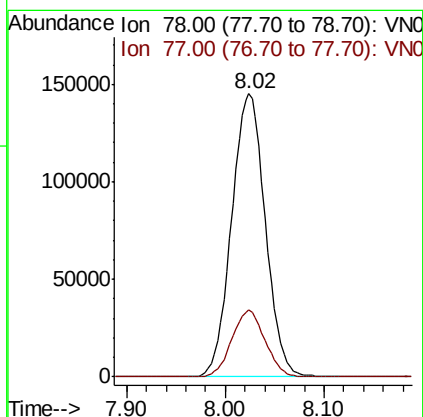
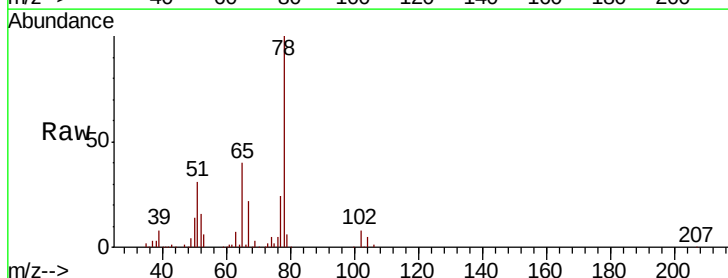
Instrument :  
MSVOA\_N  
ClientSampleId :

Tot Ion: 83 Resp: 137447  
Ion Ratio Lower Upper  
83 100  
55 77.3 62.3 93.5  
98 44.2 36.0 54.0

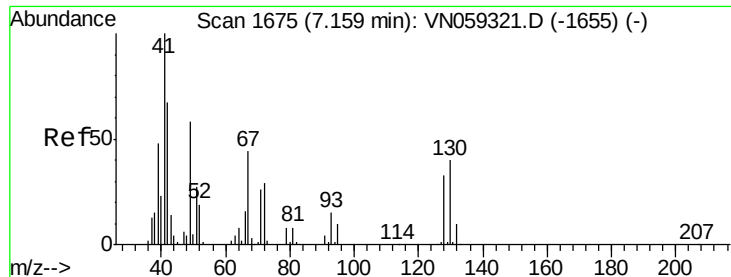


#40  
Benzene  
Concen: 19.435 ug/l  
RT: 8.02 min Scan# 1944  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

Tgt Ion: 78 Resp: 343243  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.4 27.6



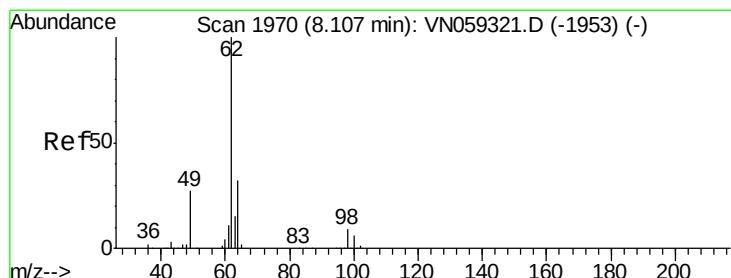
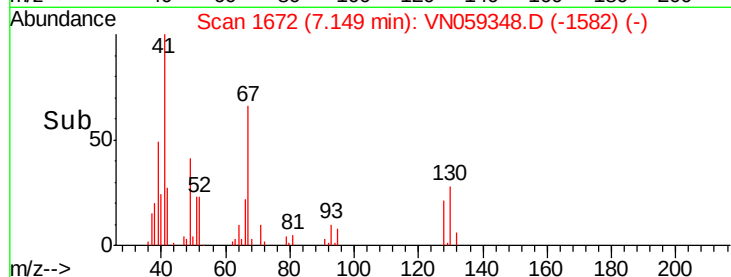
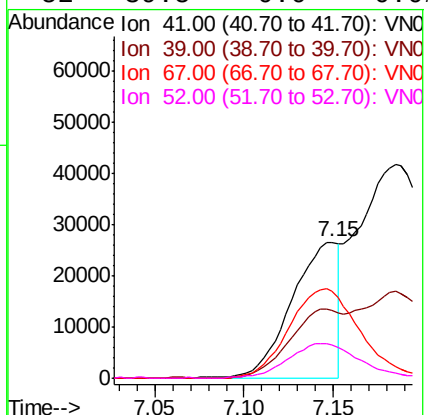
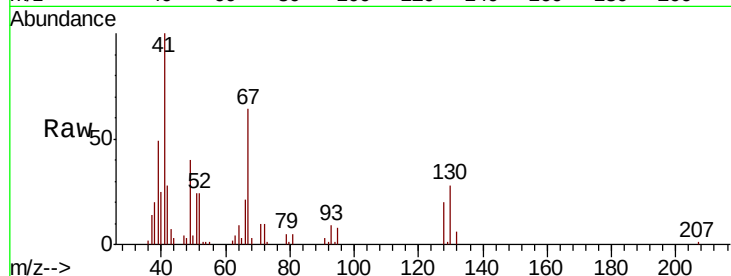




#41  
Methacrylonitrile  
Concen: 16.869 ug/l  
RT: 7.15 min Scan# 1672  
Delta R.T. -0.01 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

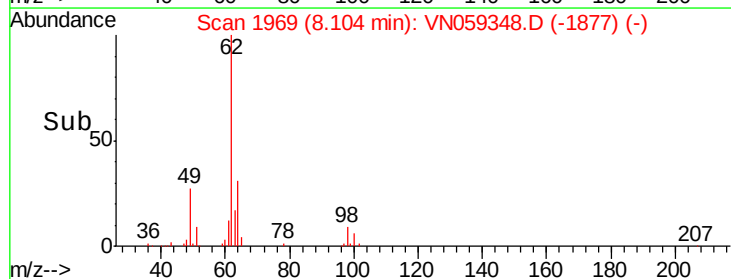
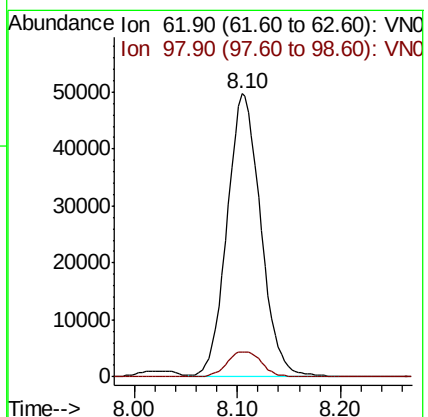
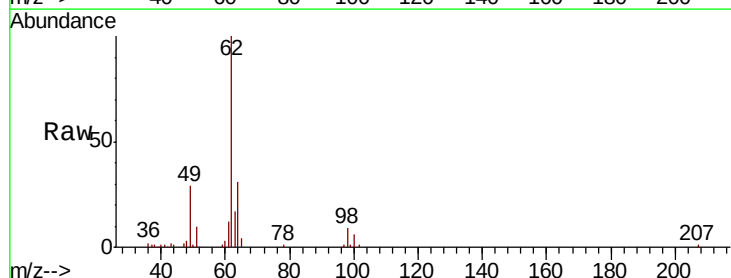
Instrument :  
MSVOA\_N  
ClientSampled :

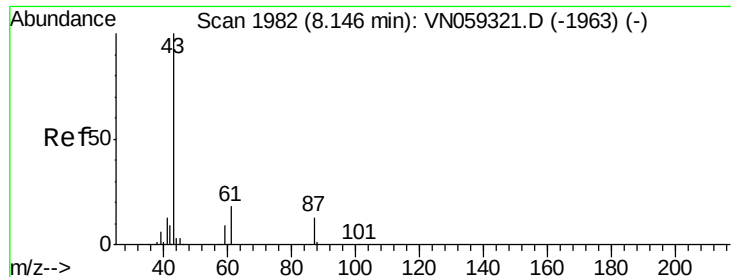
Tot Ion: 41 Resp: 48428  
Ion Ratio Lower Upper  
41 100  
39 57.0 0.0 0.0#  
67 100.7 0.0 0.0#  
52 39.5 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 19.375 ug/l  
RT: 8.10 min Scan# 1969  
Delta R.T. -0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

Tgt Ion: 62 Resp: 113169  
Ion Ratio Lower Upper  
62 100  
98 9.1 0.0 18.6





#43

Isopropyl Acetate

Concen: 19.627 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

ClientSampleId :

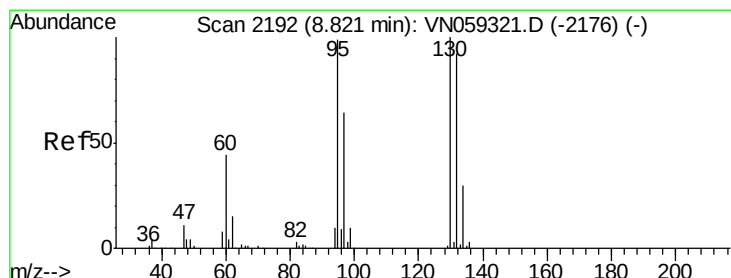
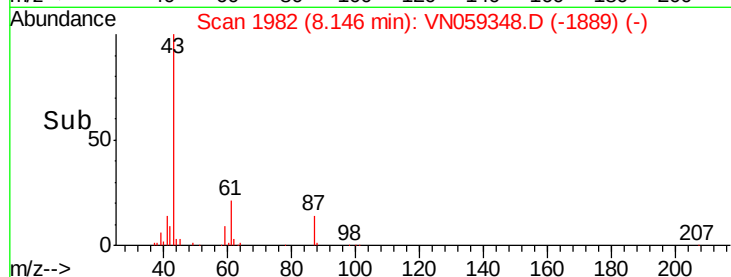
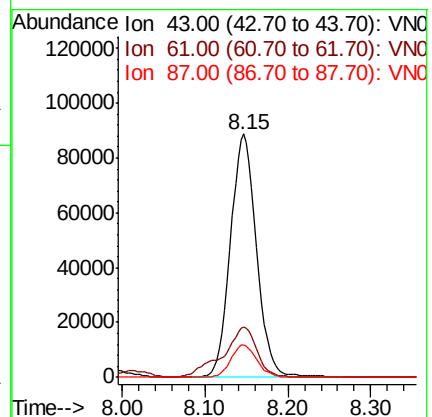
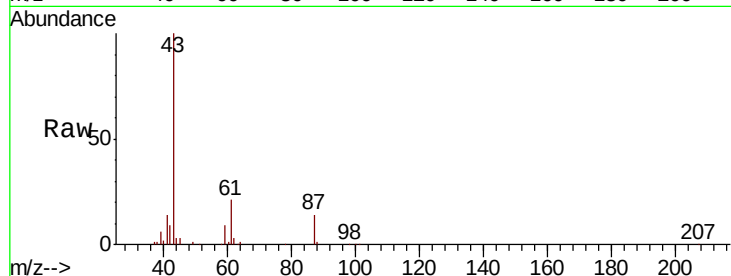
Tot Ion: 43 Resp: 193977

Ion Ratio Lower Upper

43 100

61 27.1 21.7 32.5

87 13.3 10.2 15.4



#44

Trichloroethene

Concen: 19.288 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059348.D

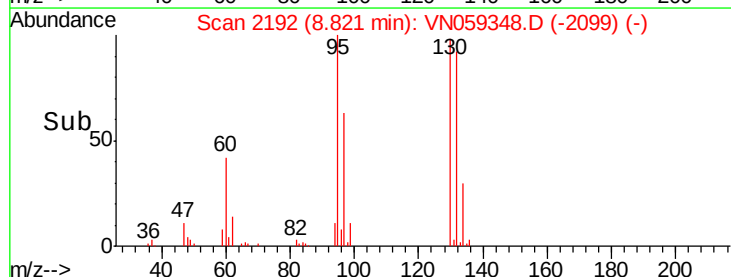
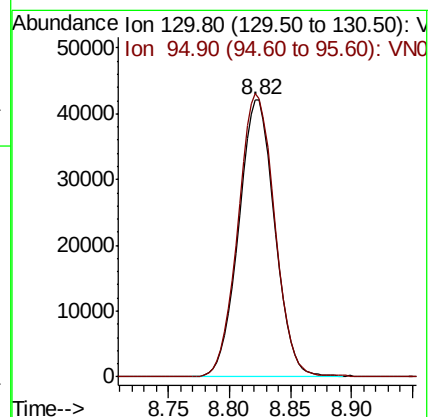
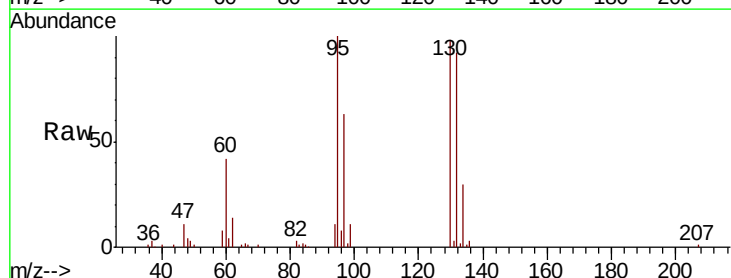
Acq: 21 Nov 2019 19:51

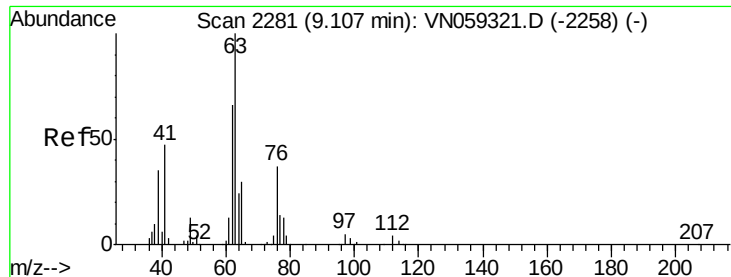
Tgt Ion:130 Resp: 86332

Ion Ratio Lower Upper

130 100

95 102.1 0.0 198.4

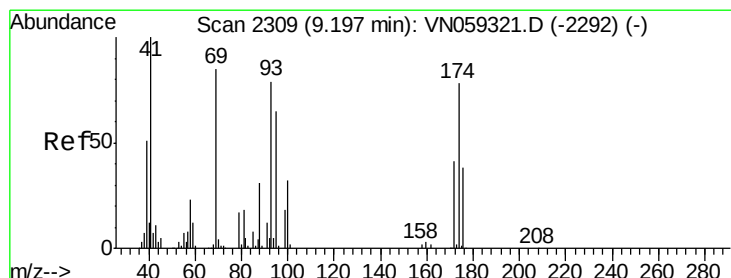
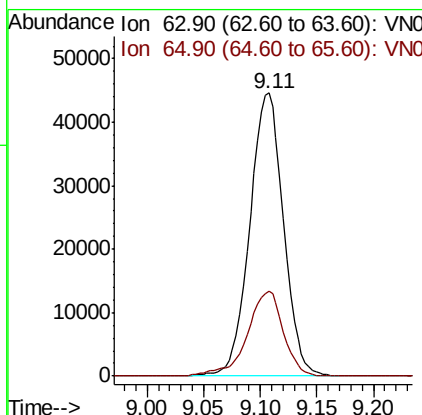
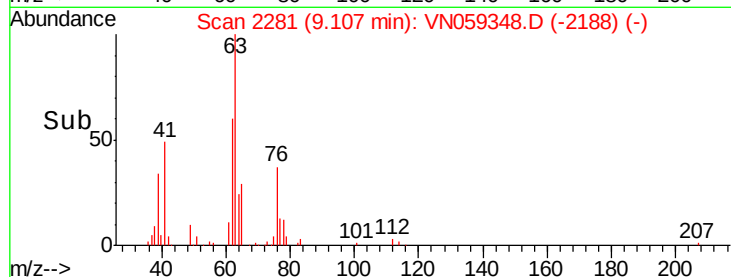
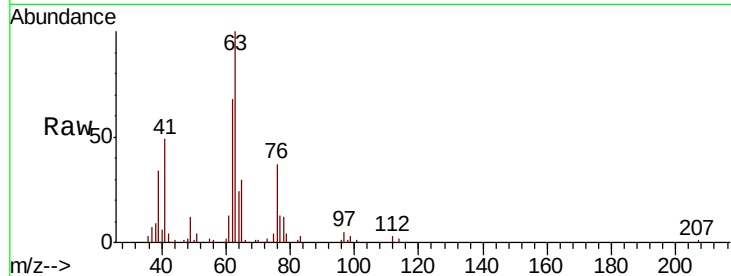




#45  
 1,2-Dichloropropane  
 Concen: 19.627 ug/l  
 RT: 9.11 min Scan# 2281  
 Delta R.T. 0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

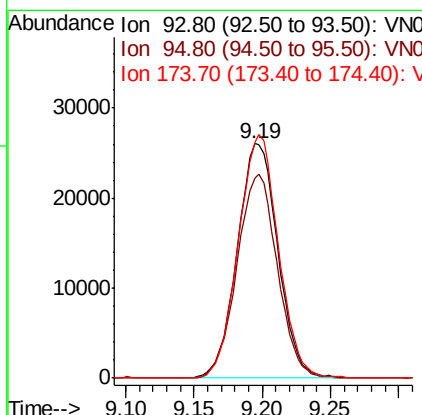
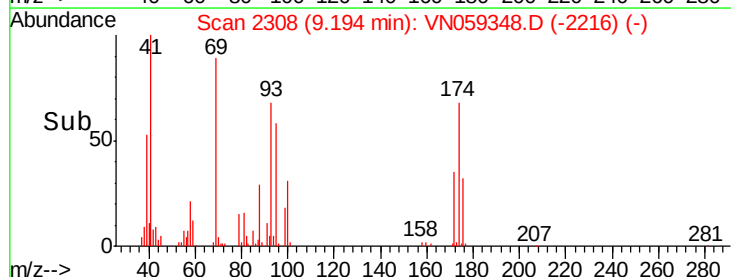
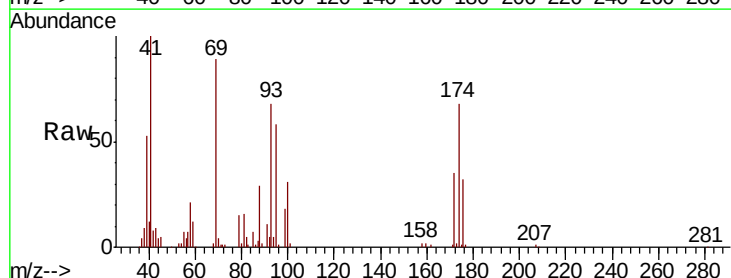
Instrument :  
 MSVOA\_N  
 ClientSampled :

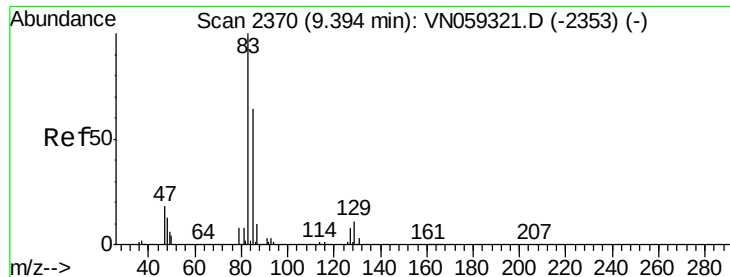
Tot Ion: 63 Resp: 92433  
 Ion Ratio Lower Upper  
 63 100  
 65 29.9 23.9 35.9



#46  
 Dibromomethane  
 Concen: 18.628 ug/l  
 RT: 9.19 min Scan# 2308  
 Delta R.T. -0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

Tgt Ion: 93 Resp: 53809  
 Ion Ratio Lower Upper  
 93 100  
 95 86.4 66.9 100.3  
 174 102.4 80.6 120.8





#47

Bromodichloromethane

Concen: 18.931 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :  
MSVOA\_N  
ClientSampled :

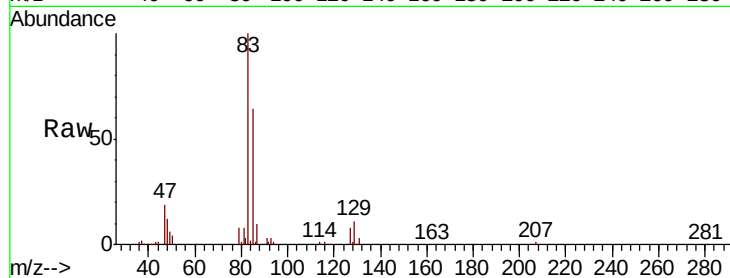
Tot Ion: 83 Resp: 109518

Ion Ratio Lower Upper

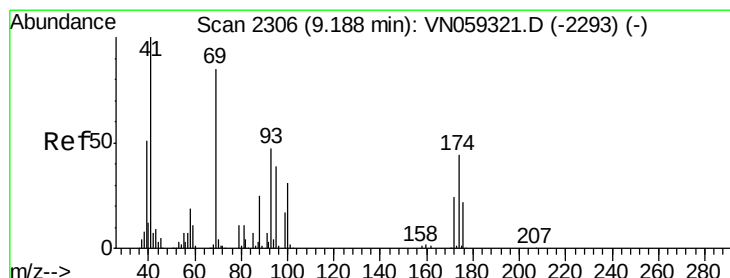
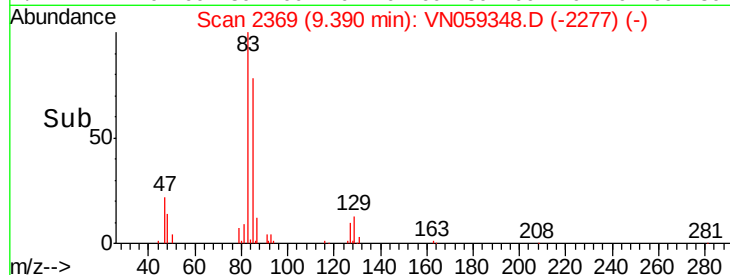
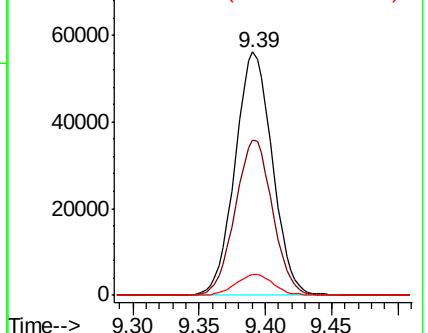
83 100

85 64.0 51.5 77.3

127 8.4 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN0  
Ion 84.90 (84.60 to 85.60): VN0  
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 18.706 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

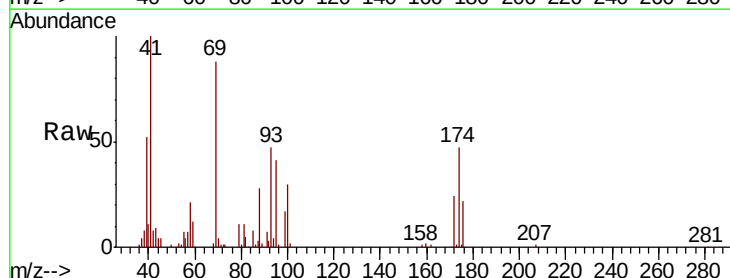
Tgt Ion: 41 Resp: 84075

Ion Ratio Lower Upper

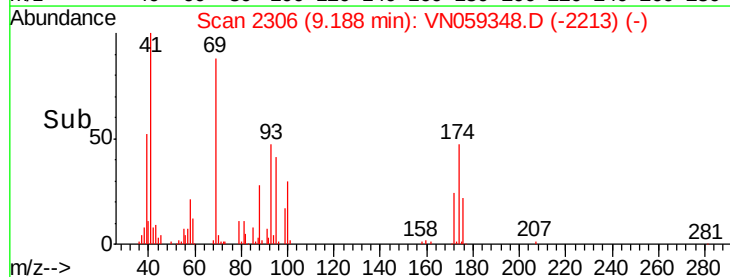
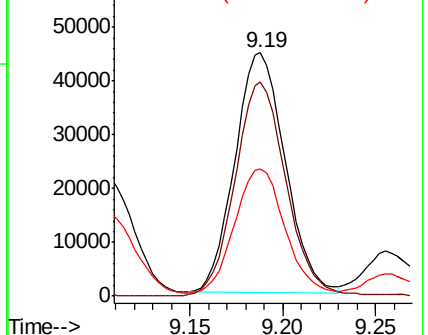
41 100

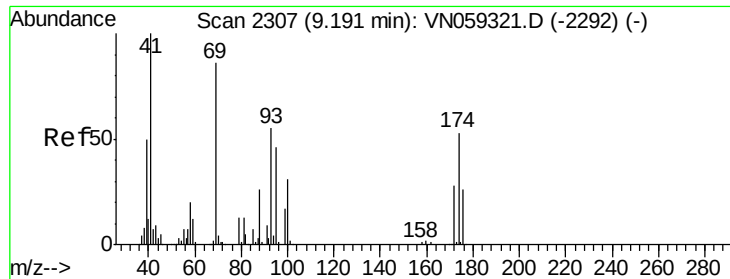
69 90.7 68.8 103.2

39 51.6 42.1 63.1



Abundance Ion 41.00 (40.70 to 41.70): VN0  
Ion 69.00 (68.70 to 69.70): VN0  
Ion 39.00 (38.70 to 39.70): VN0

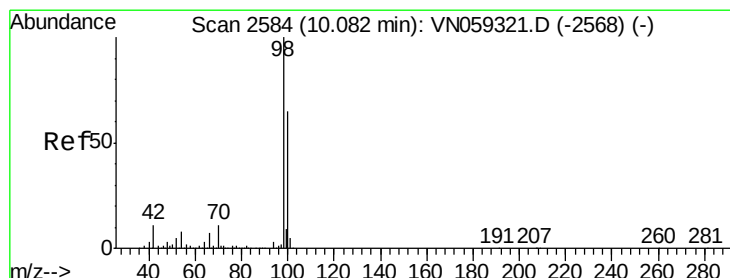
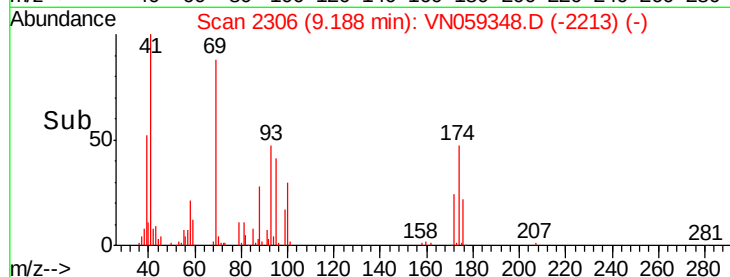
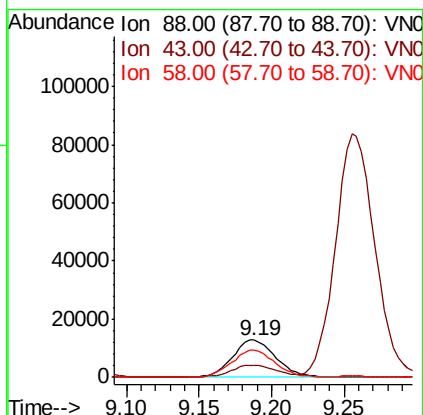
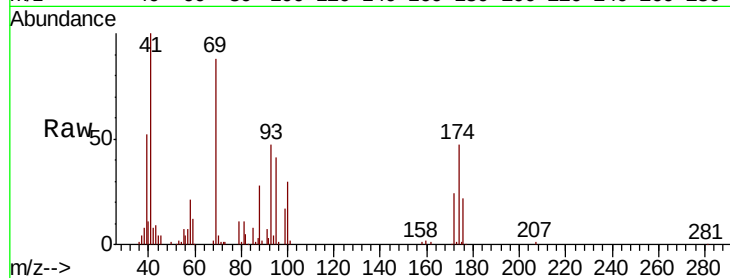




#49  
 1,4-Dioxane  
 Concen: 398.202 ug/l  
 RT: 9.19 min Scan# 2306  
 Delta R.T. -0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

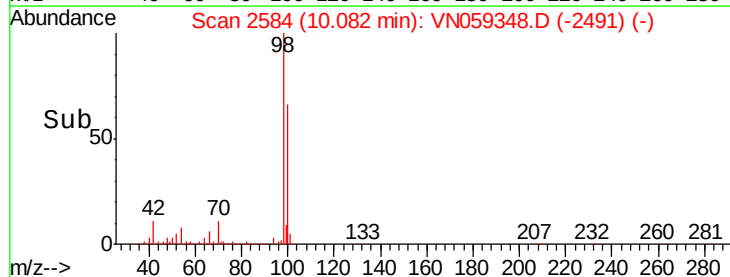
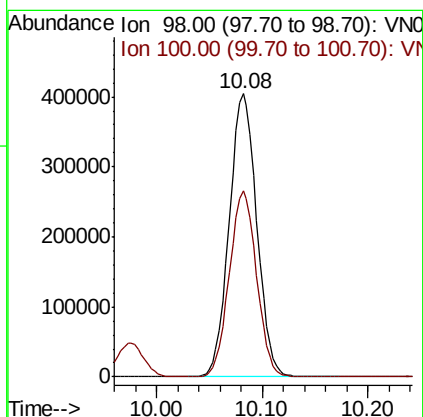
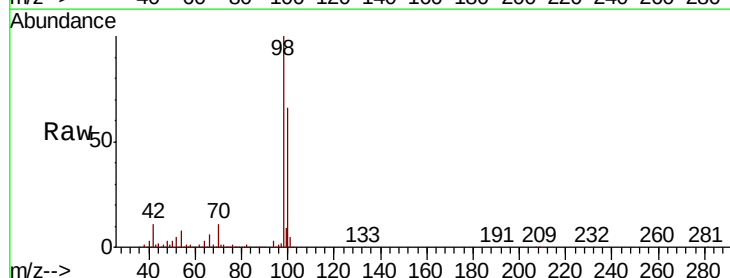
Instrument :  
 MSVOA\_N  
 ClientSampled :

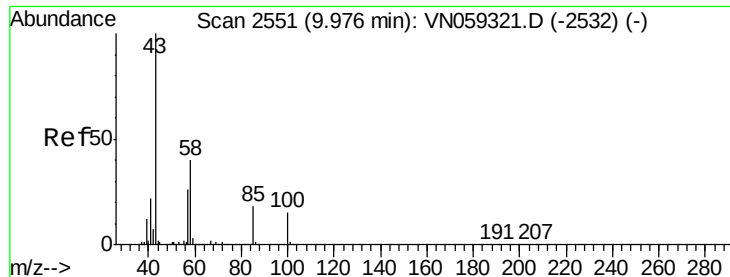
Tot Ion: 88 Resp: 26898  
 Ion Ratio Lower Upper  
 88 100  
 43 33.5 26.9 40.3  
 58 73.2 59.2 88.8



#50  
 Toluene-d8  
 Concen: 52.454 ug/l  
 RT: 10.08 min Scan# 2584  
 Delta R.T. 0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

Tgt Ion: 98 Resp: 729219  
 Ion Ratio Lower Upper  
 98 100  
 100 65.1 51.7 77.5

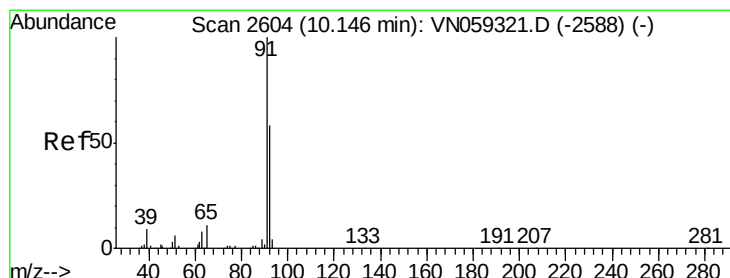
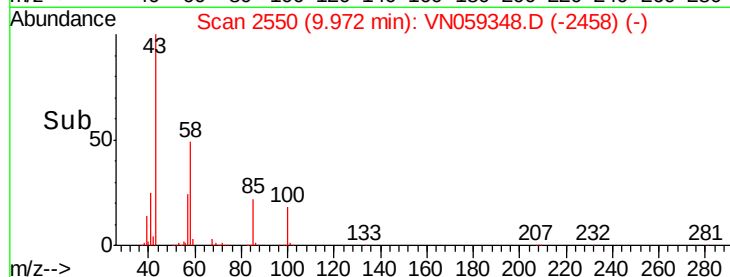
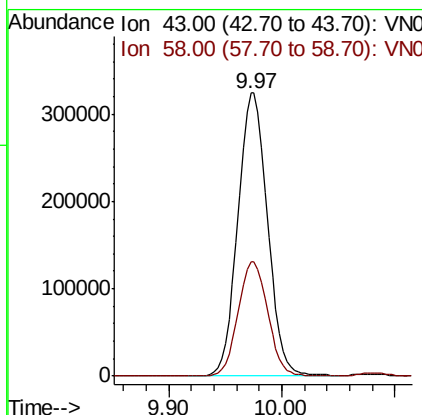
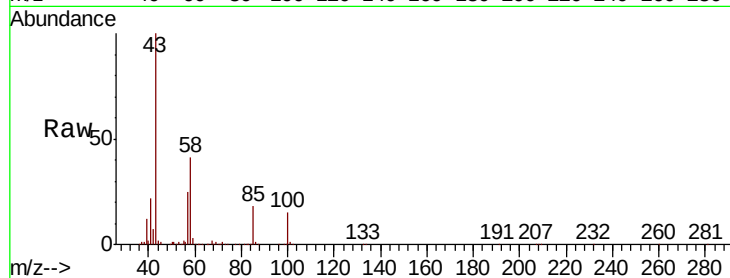




#51  
4-Methyl-2-Pentanone  
Concen: 102.561 ug/l  
RT: 9.97 min Scan# 2550  
Delta R.T. -0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

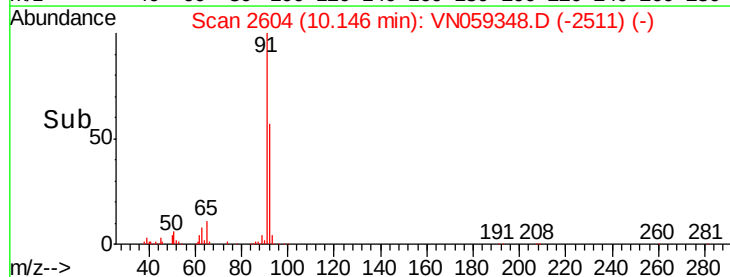
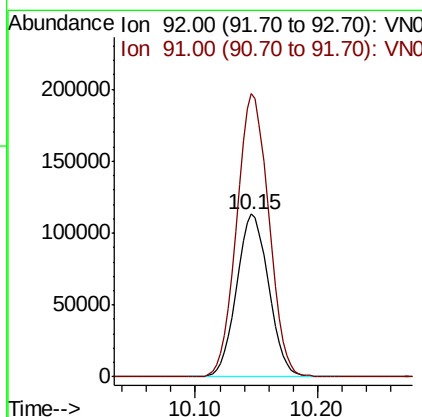
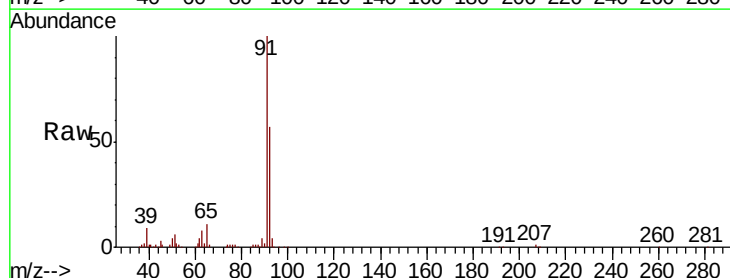
Instrument :  
MSVOA\_N  
ClientSampled :

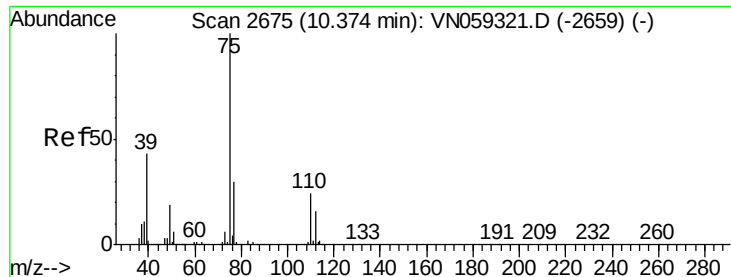
Tot Ion: 43 Resp: 593319  
Ion Ratio Lower Upper  
43 100  
58 40.5 31.8 47.8



#52  
Toluene  
Concen: 19.420 ug/l  
RT: 10.15 min Scan# 2604  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

Tgt Ion: 92 Resp: 206225  
Ion Ratio Lower Upper  
92 100  
91 173.9 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 19.386 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

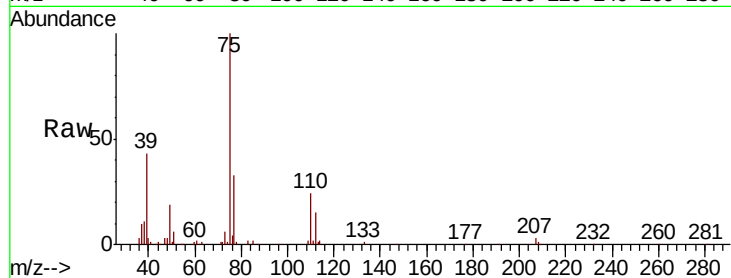
ClientSampleId :

Tot Ion: 75 Resp: 130374

Ion Ratio Lower Upper

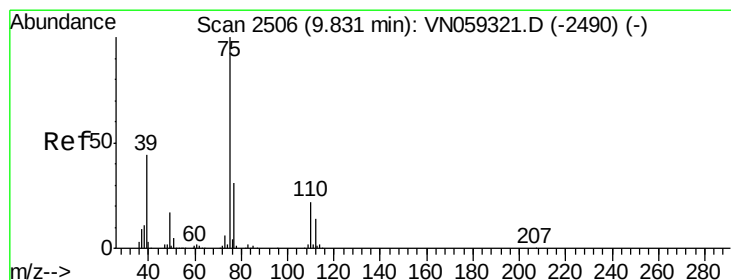
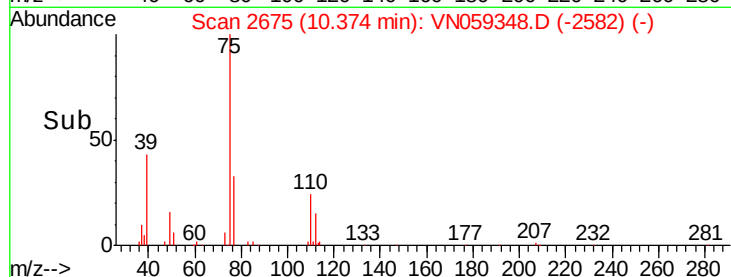
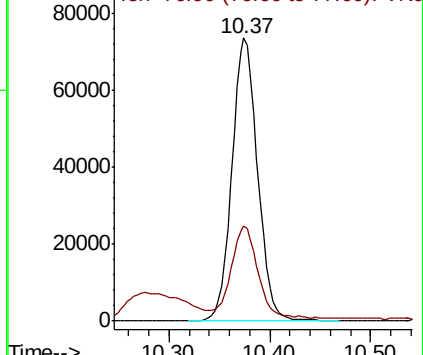
75 100

77 32.1 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.404 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

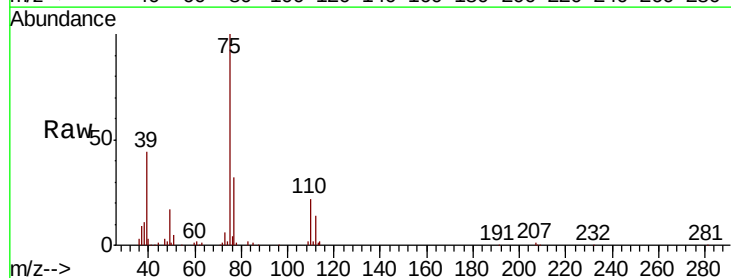
Tgt Ion: 75 Resp: 141602

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4

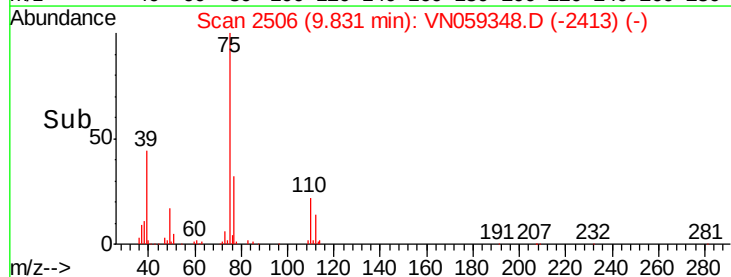
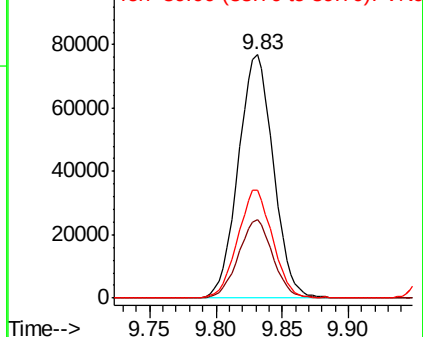
39 44.2 35.5 53.3

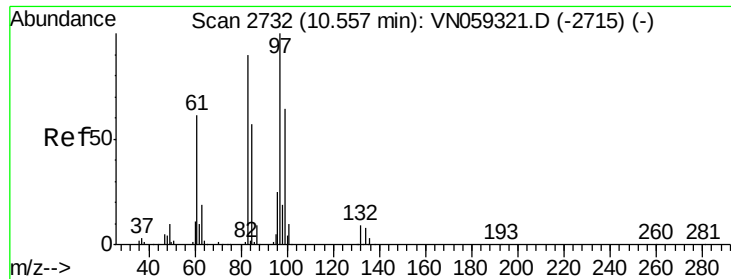


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 19.449 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN059348.D

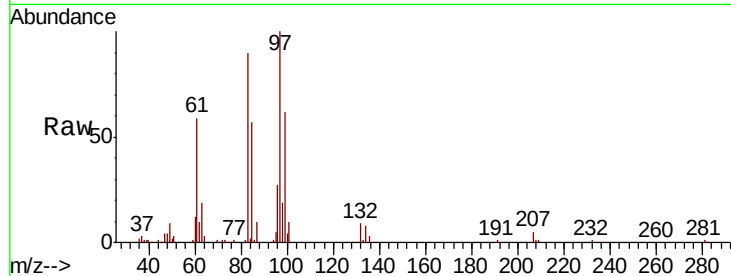
Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 80302 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 90.4  | 72.0  | 108.0 |
| 85       | 57.3  | 45.8  | 68.6  |
| 99       | 62.5  | 51.0  | 76.4  |

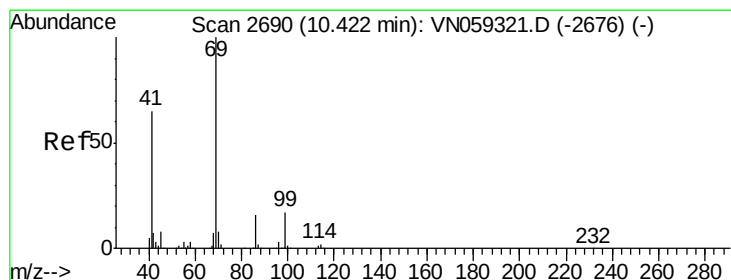
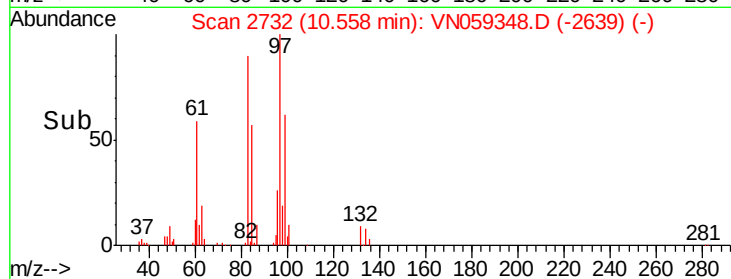
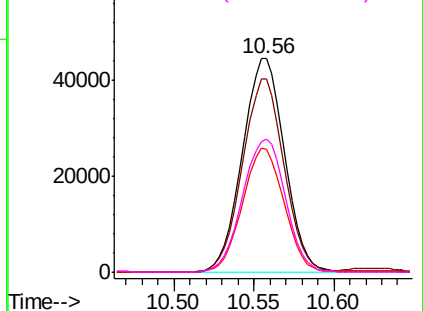


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 19.033 ug/l

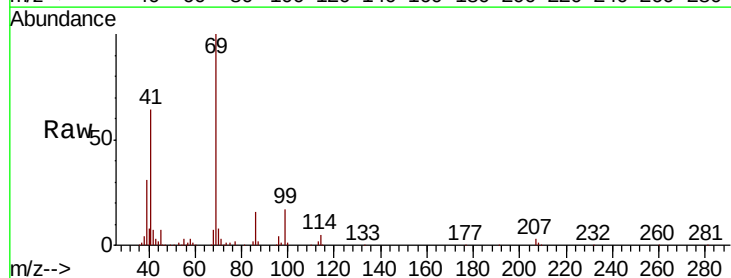
RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

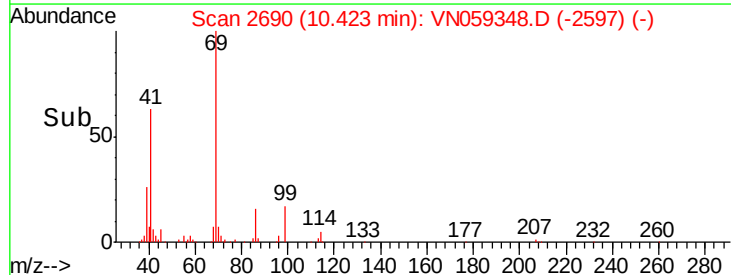
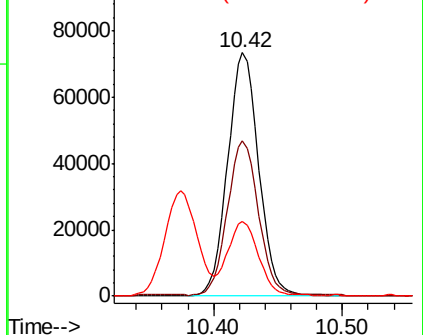
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 122819 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 63.1  | 51.7  | 77.5   |
| 39       | 30.5  | 25.2  | 37.8   |



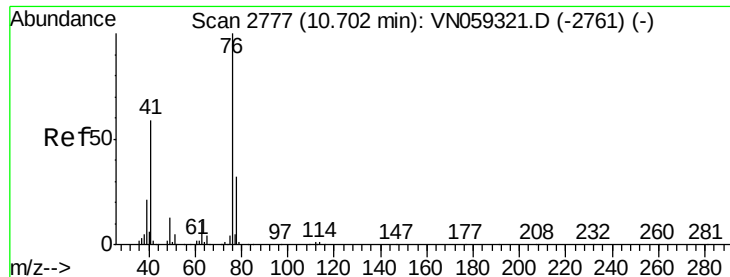
Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO







#57

1,3-Dichloropropane

Concen: 19.526 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

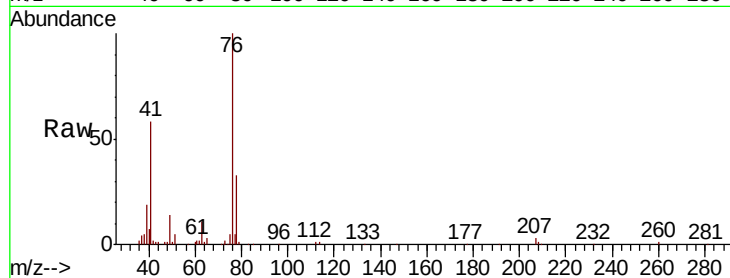
ClientSampled :

Tot Ion: 76 Resp: 140518

Ion Ratio Lower Upper

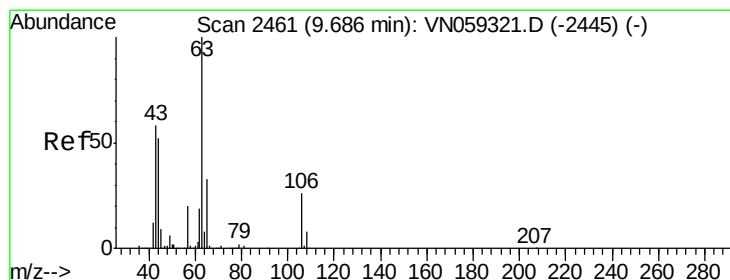
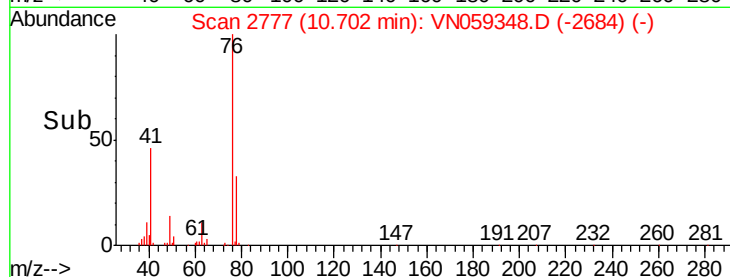
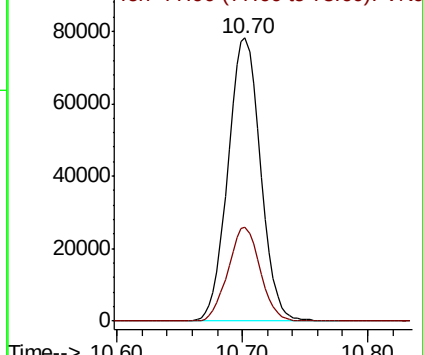
76 100

78 32.8 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 96.563 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059348.D

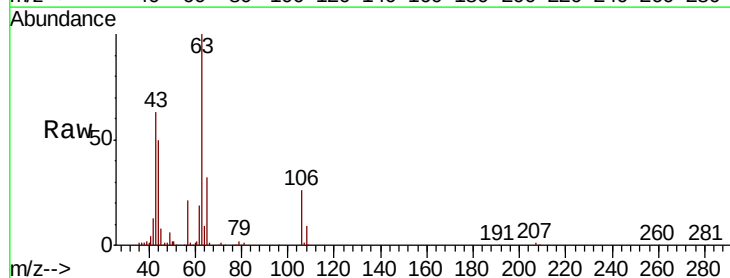
Acq: 21 Nov 2019 19:51

Tgt Ion: 63 Resp: 207780

Ion Ratio Lower Upper

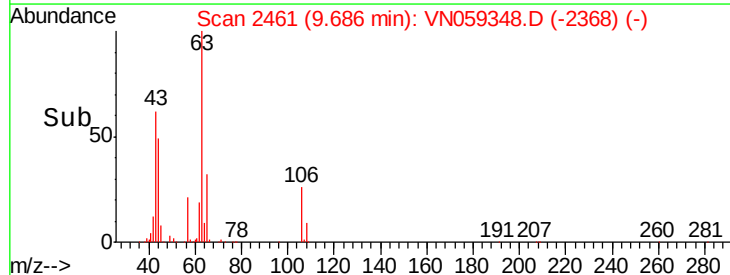
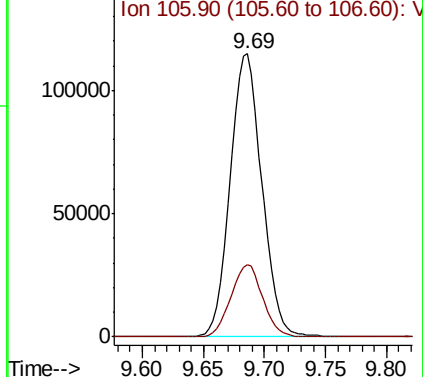
63 100

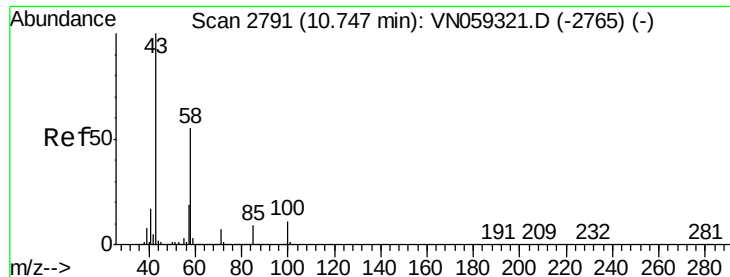
106 25.6 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

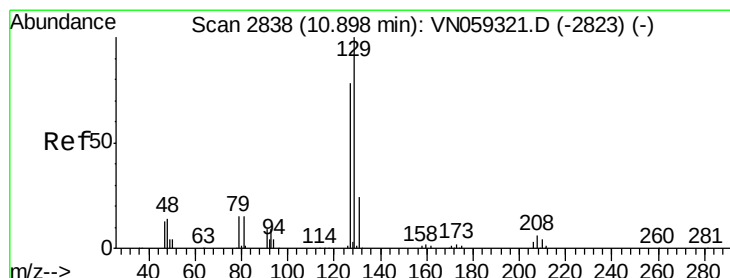
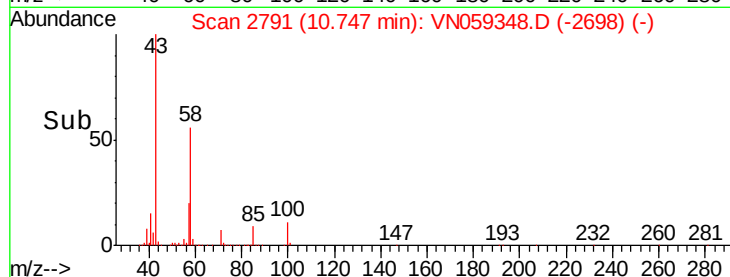
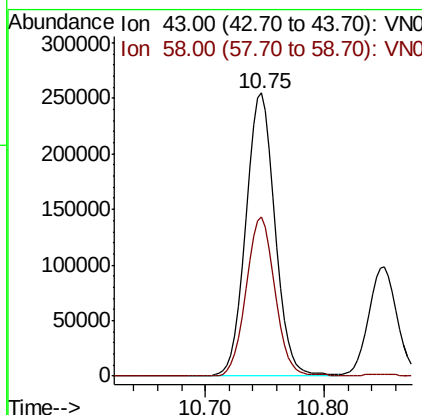
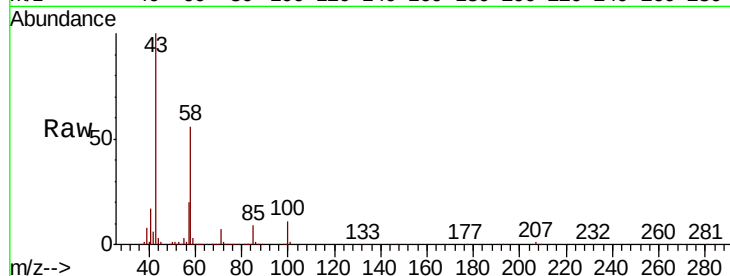




#59  
2-Hexanone  
Concen: 102.160 ug/l  
RT: 10.75 min Scan# 2791  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

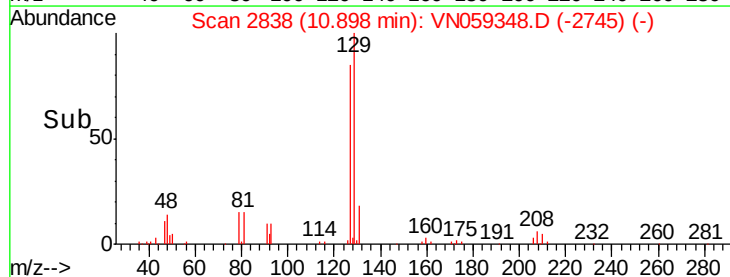
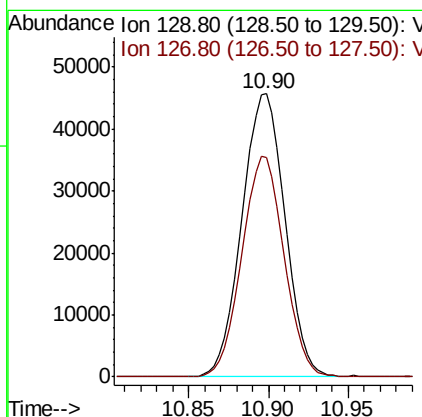
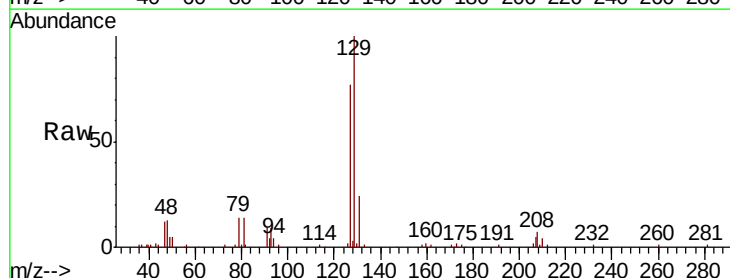
Instrument :  
MSVOA\_N  
ClientSampled :

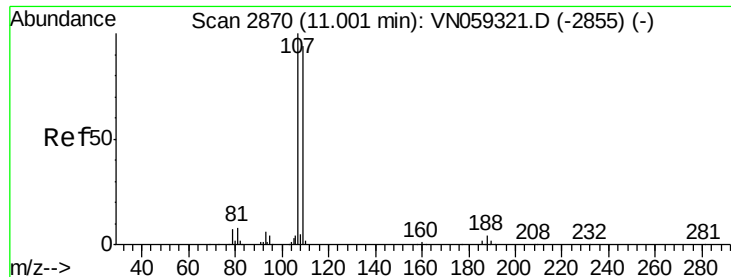
Tot Ion: 43 Resp: 432758  
Ion Ratio Lower Upper  
43 100  
58 55.6 27.7 83.0



#60  
Dibromochloromethane  
Concen: 19.320 ug/l  
RT: 10.90 min Scan# 2838  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

Tgt Ion: 129 Resp: 84062  
Ion Ratio Lower Upper  
129 100  
127 76.1 38.5 115.5

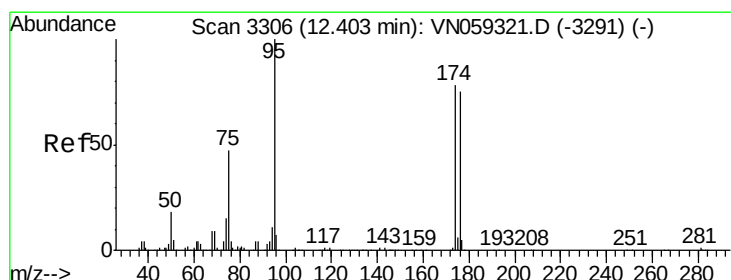
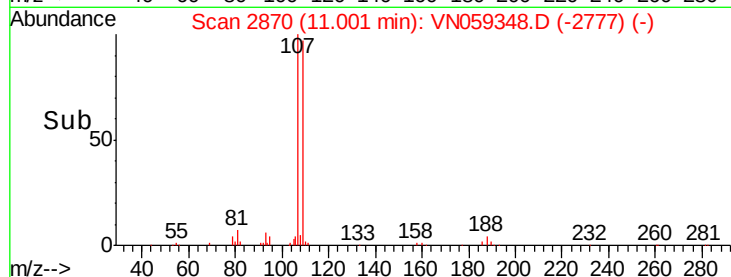
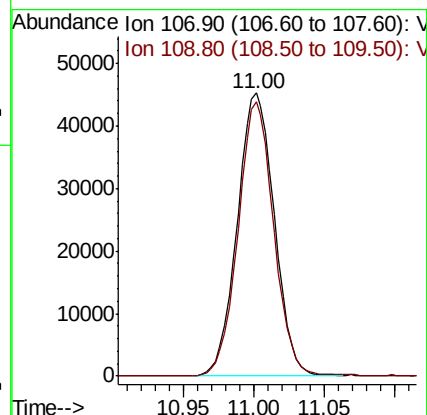
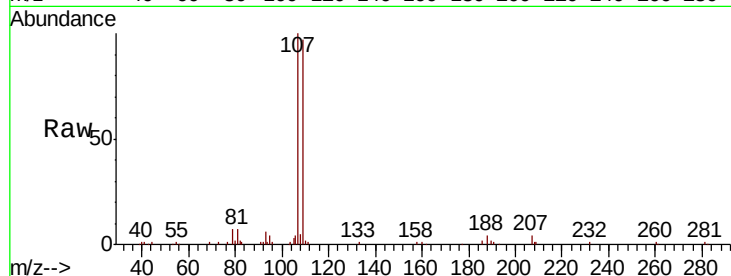




#61  
 1,2-Dibromoethane  
 Concen: 19.366 ug/l  
 RT: 11.00 min Scan# 2870  
 Delta R.T. 0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

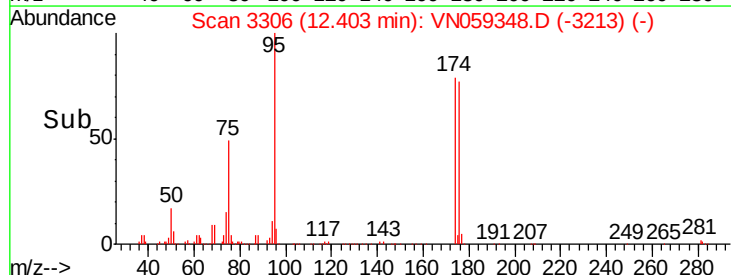
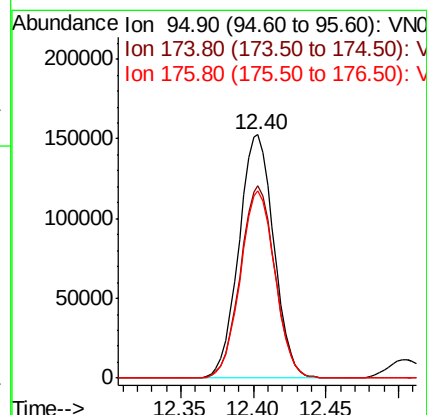
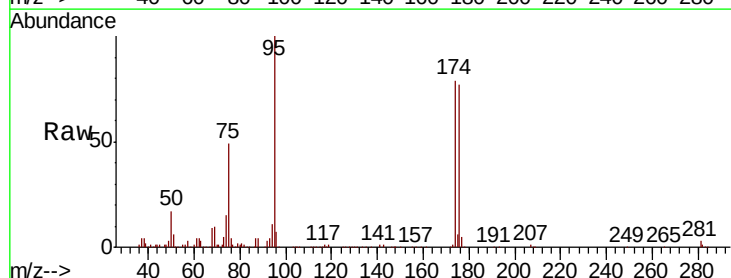
Instrument :  
 MSVOA\_N  
 ClientSampled :

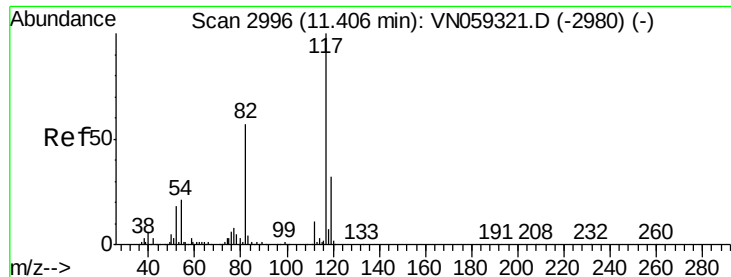
Tot Ion: 107 Resp: 83200  
 Ion Ratio Lower Upper  
 107 100  
 109 93.3 75.4 113.2



#62  
 4-Bromofluorobenzene  
 Concen: 52.323 ug/l  
 RT: 12.40 min Scan# 3306  
 Delta R.T. 0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

Tgt Ion: 95 Resp: 254340  
 Ion Ratio Lower Upper  
 95 100  
 174 78.8 0.0 157.4  
 176 76.7 0.0 151.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

ClientSampleId :

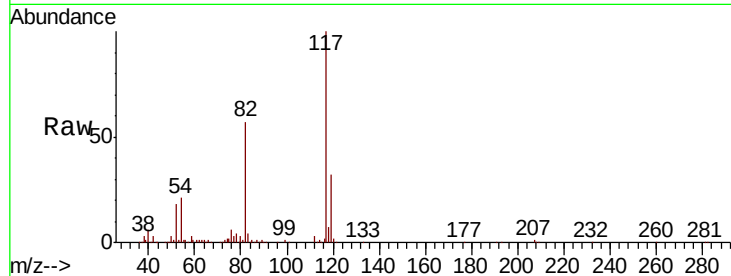
Tot Ion:117 Resp: 520080

Ion Ratio Lower Upper

117 100

82 56.5 45.7 68.5

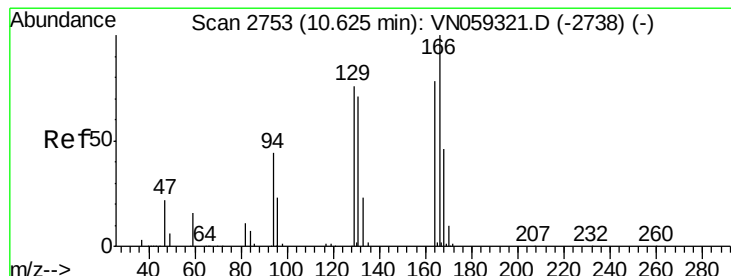
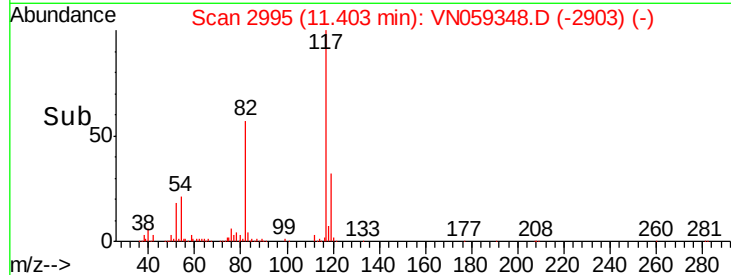
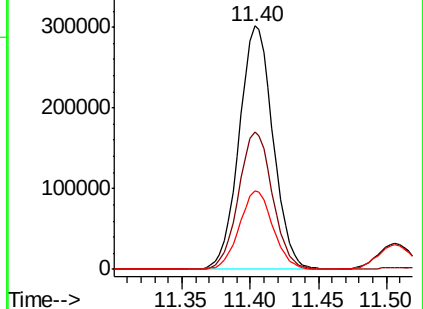
119 32.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.697 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Tgt Ion:164 Resp: 75205

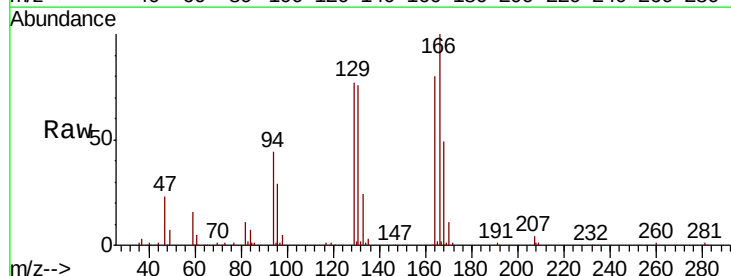
Ion Ratio Lower Upper

164 100

166 125.0 102.9 154.3

129 95.8 78.2 117.2

131 95.3 72.6 109.0

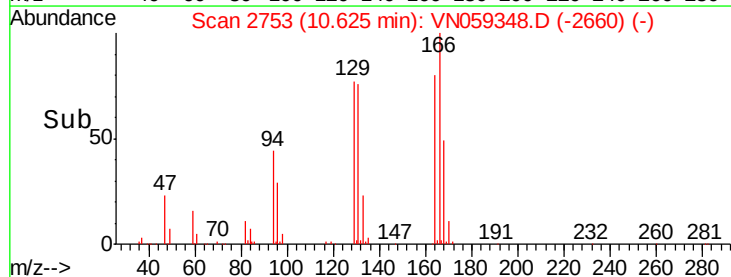
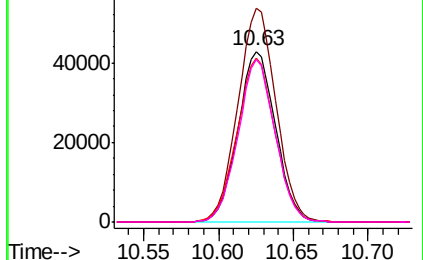


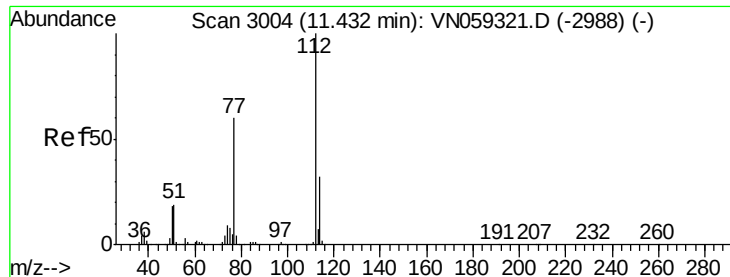
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

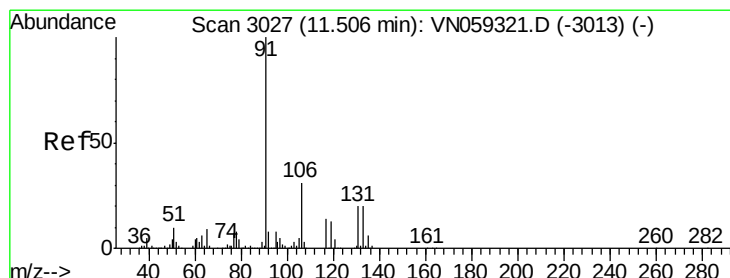
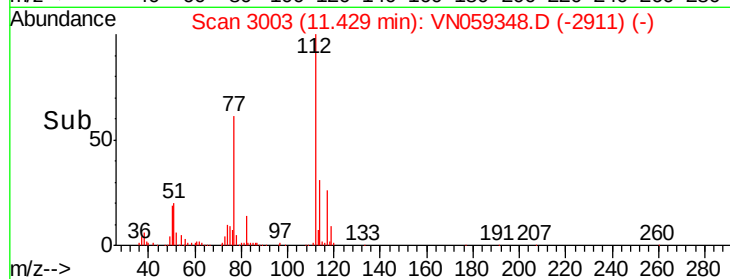
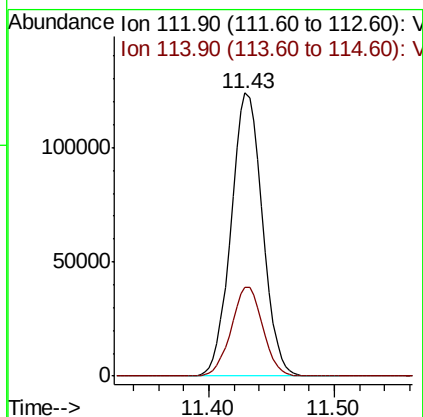
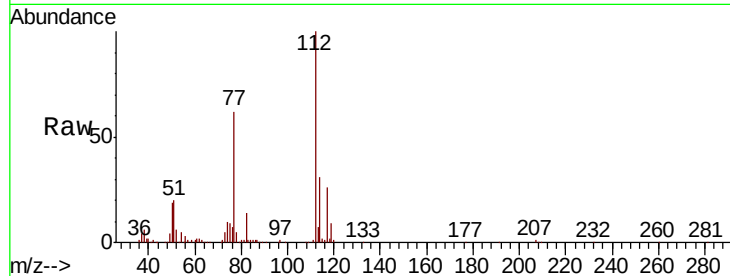




#65  
Chlorobenzene  
Concen: 19.253 ug/l  
RT: 11.43 min Scan# 3003  
Delta R.T. -0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

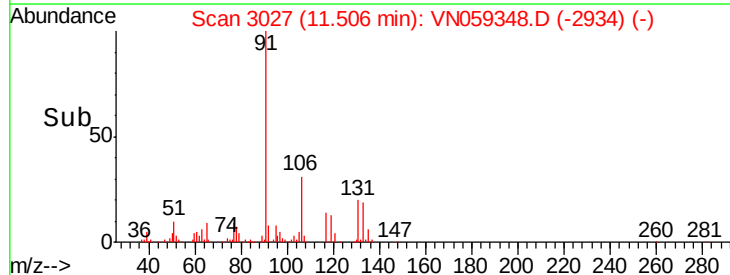
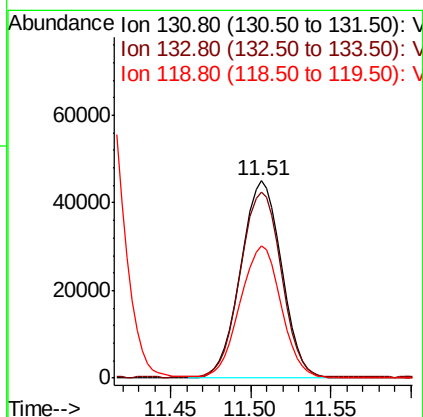
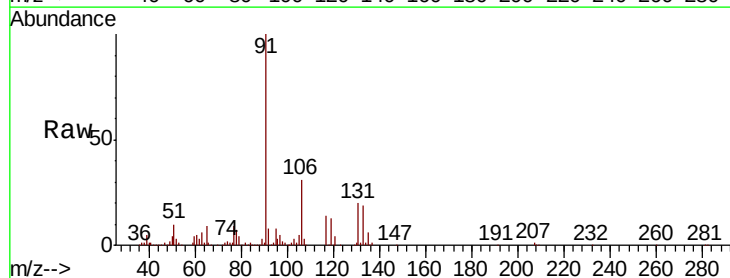
Instrument :  
MSVOA\_N  
ClientSampled :

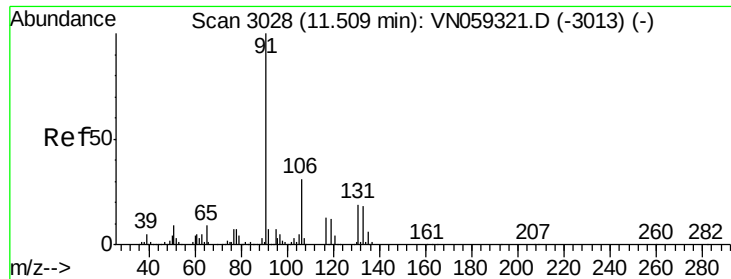
Tot Ion:112 Resp: 215303  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.360 ug/l  
RT: 11.51 min Scan# 3027  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

Tgt Ion:131 Resp: 78653  
Ion Ratio Lower Upper  
131 100  
133 94.4 48.2 144.6  
119 67.5 33.6 100.6

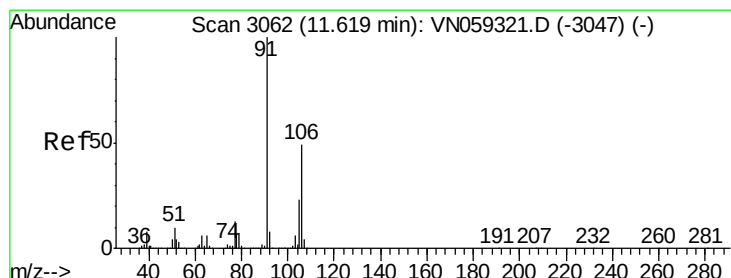
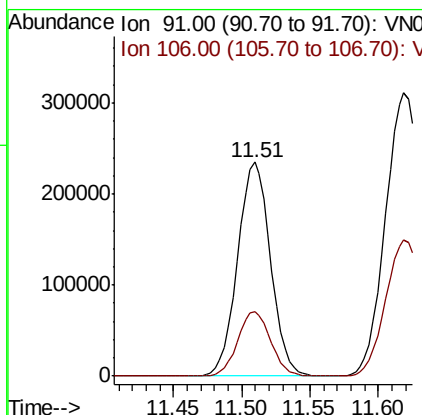
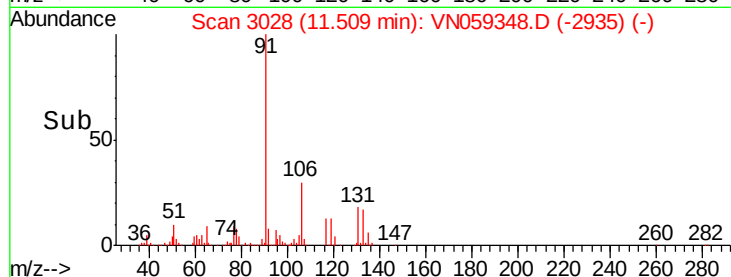
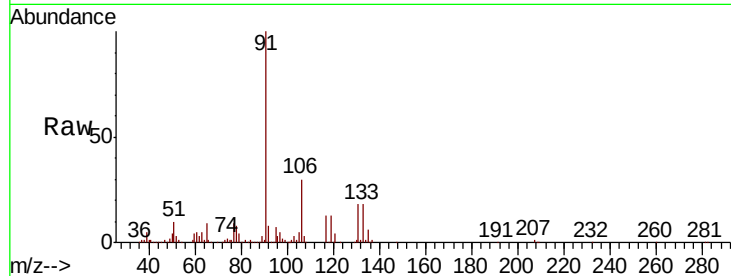




#67  
Ethyl Benzene  
Concen: 19.669 ug/l  
RT: 11.51 min Scan# 3028  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

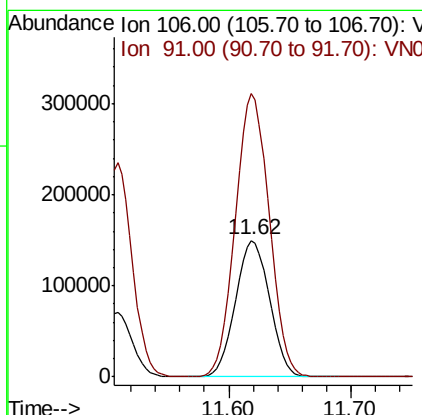
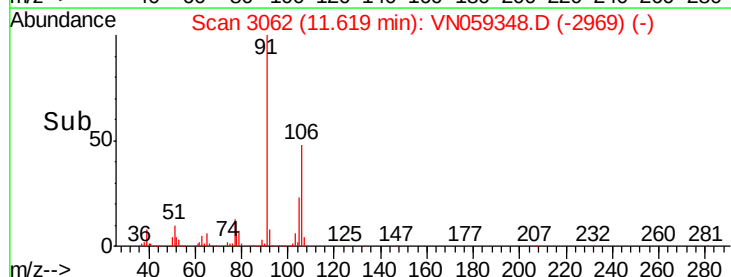
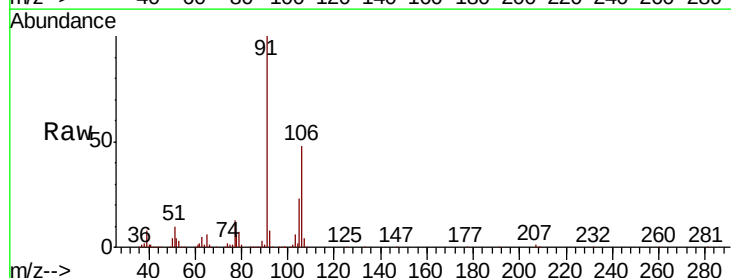
Instrument :  
MSVOA\_N  
ClientSampleId :

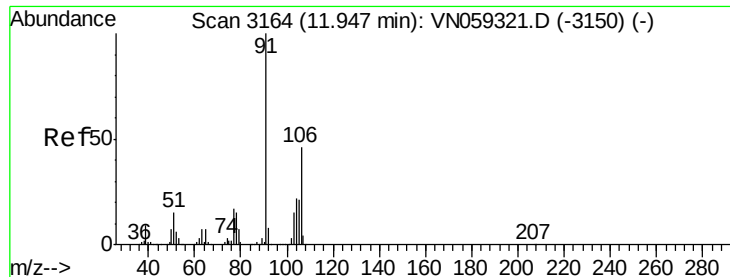
Tot Ion: 91 Resp: 392722  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.6 37.0



#68  
m/p-Xylenes  
Concen: 38.993 ug/l  
RT: 11.62 min Scan# 3062  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

Tgt Ion: 106 Resp: 289302  
Ion Ratio Lower Upper  
106 100  
91 206.4 163.2 244.8

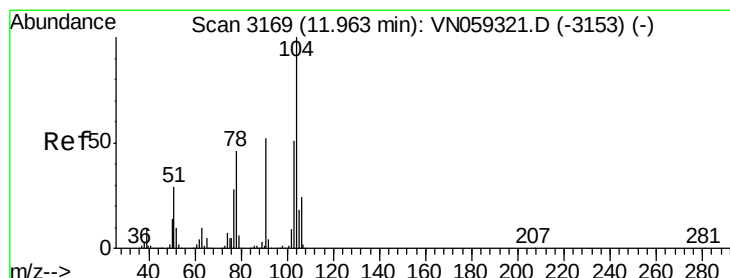
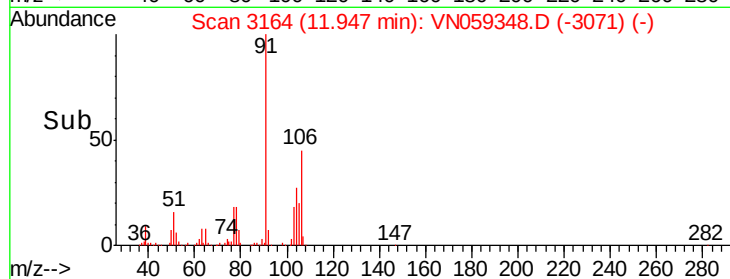
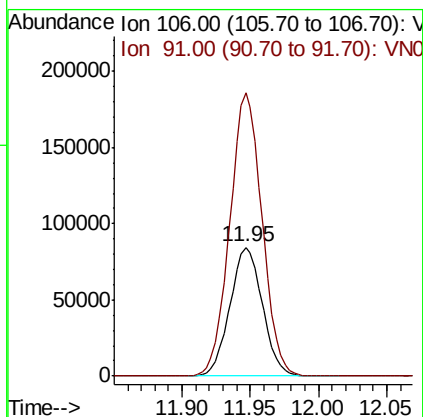
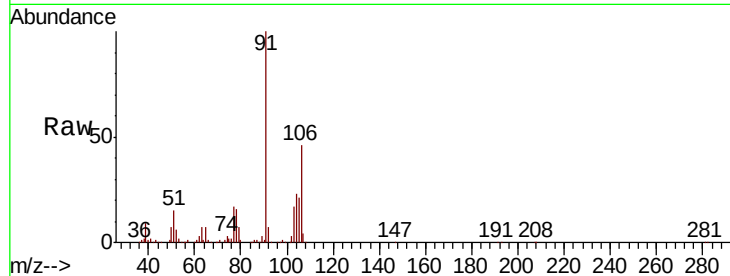




#69  
o-Xylene  
Concen: 19.661 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

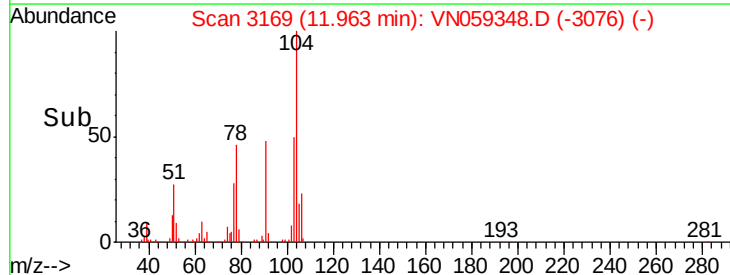
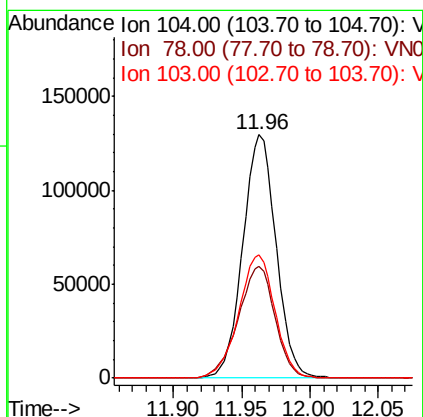
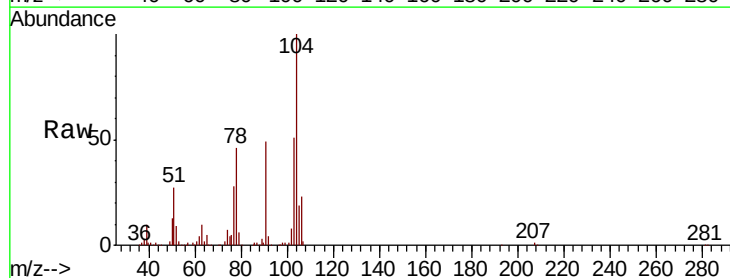
Instrument :  
MSVOA\_N  
ClientSampleId :

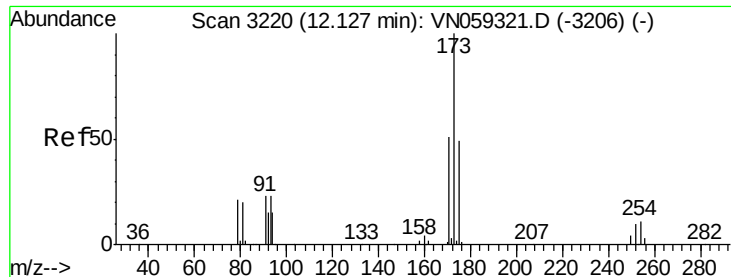
Tot Ion:106 Resp: 139649  
Ion Ratio Lower Upper  
106 100  
91 218.5 109.3 327.9



#70  
Styrene  
Concen: 19.612 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

Tgt Ion:104 Resp: 219809  
Ion Ratio Lower Upper  
104 100  
78 50.9 40.3 60.5  
103 55.3 43.6 65.4





#71

Bromoform

Concen: 19.294 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

ClientSampleId :

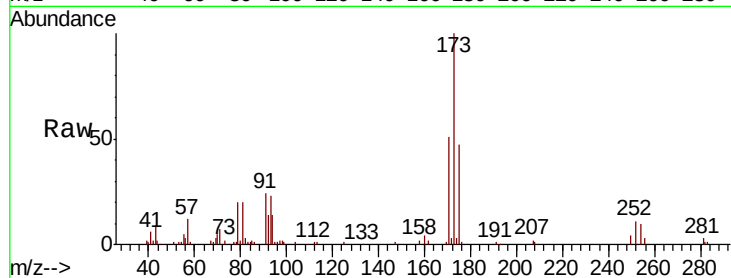
Tot Ion:173 Resp: 59361

Ion Ratio Lower Upper

173 100

175 47.2 24.6 73.6

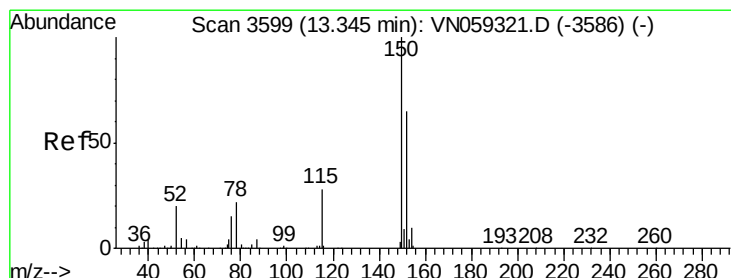
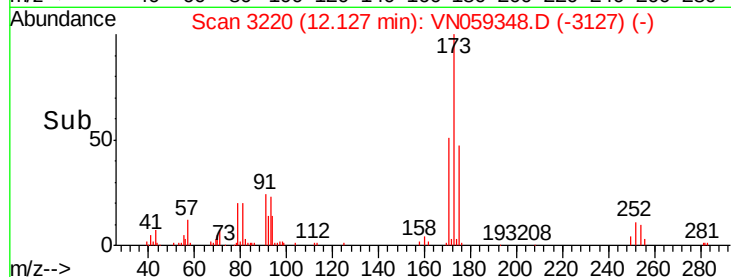
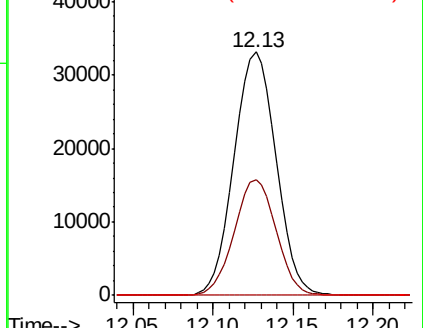
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

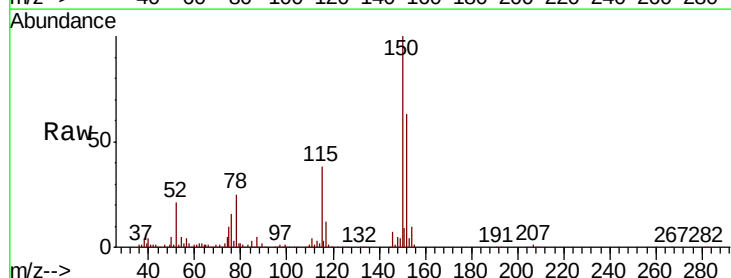
Tgt Ion:152 Resp: 235048

Ion Ratio Lower Upper

152 100

115 60.1 29.3 88.0

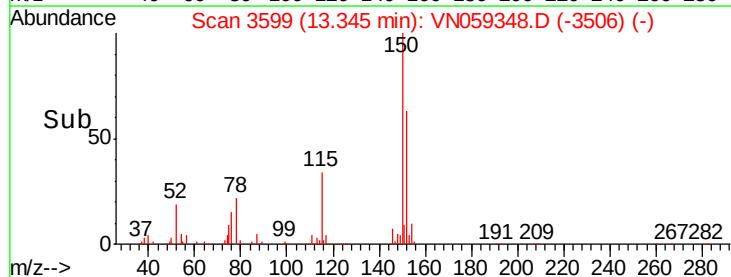
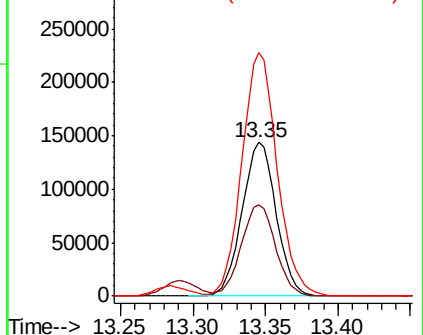
150 163.8 0.0 346.0



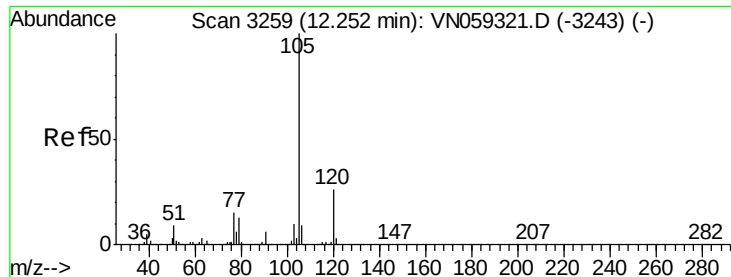
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 19.595 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

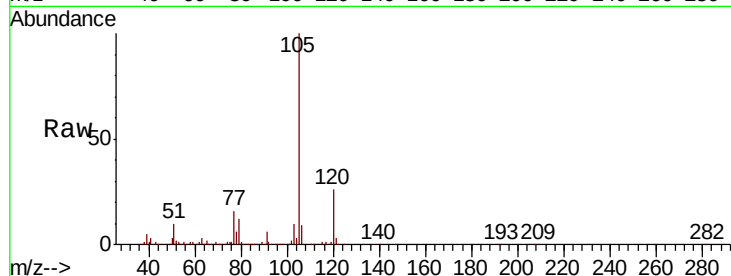
ClientSampled :

Tot Ion: 105 Resp: 377297

Ion Ratio Lower Upper

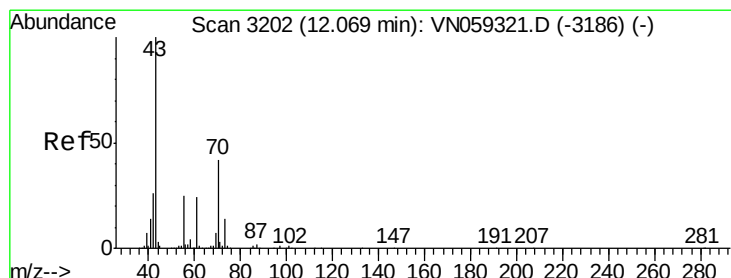
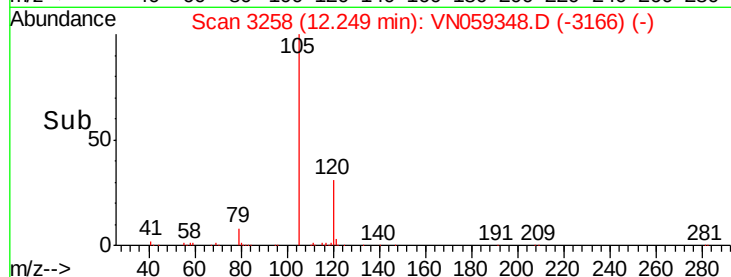
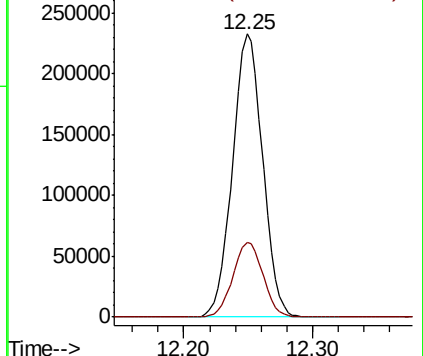
105 100

120 26.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.030 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Tgt Ion: 43 Resp: 154995

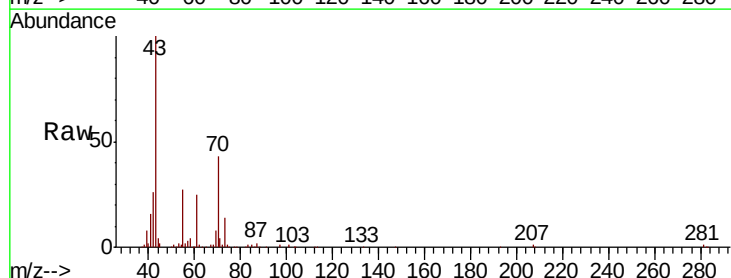
Ion Ratio Lower Upper

43 100

70 41.0 33.8 50.6

55 25.7 20.3 30.5

61 23.5 19.9 29.9

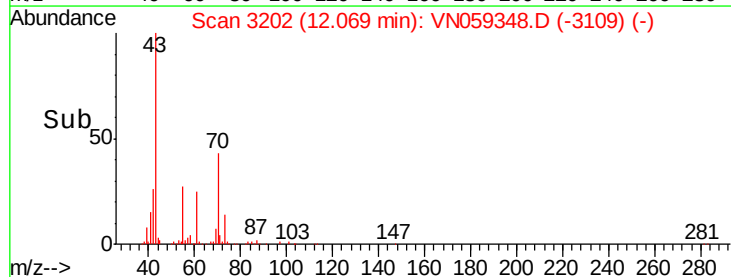
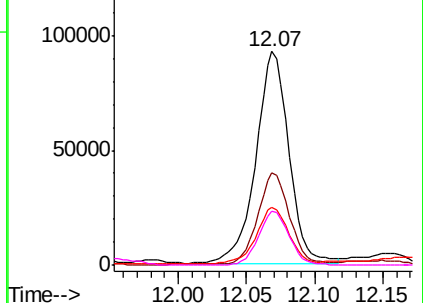


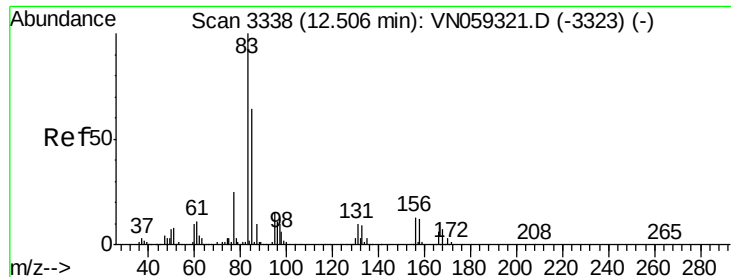
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.935 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059348.D

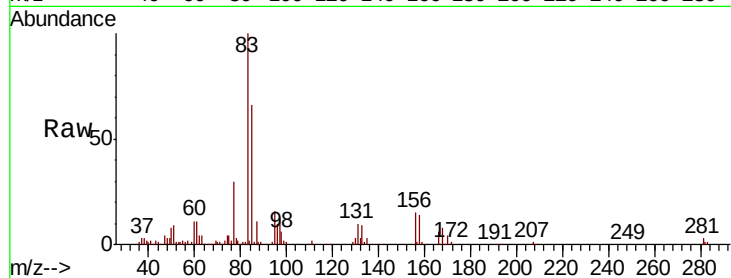
Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

ClientSampleId :

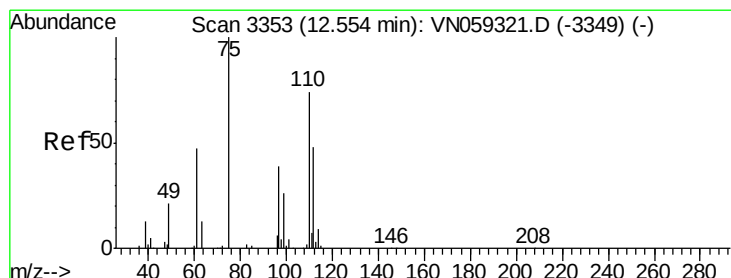
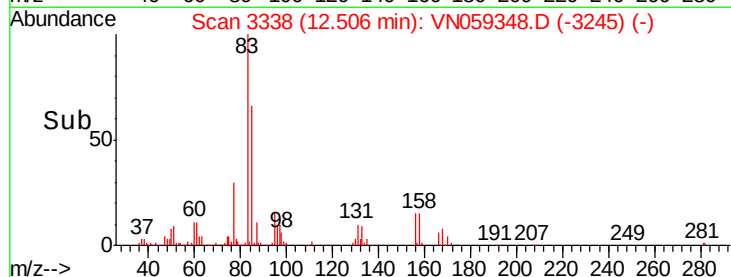
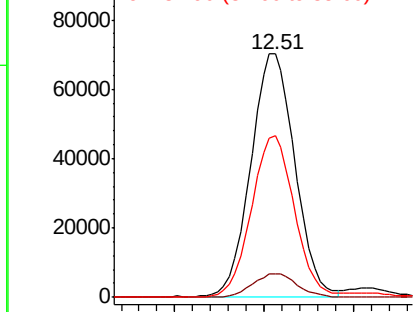
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 120607 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 9.9   | 5.0   | 14.9   |
| 85       | 67.0  | 32.1  | 96.3   |



Abundance Ion 82.90 (82.60 to 83.60): VN059348.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN059348.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN059348.D (-3245) (-)



#76

1,2,3-Trichloropropane

Concen: 29.686 ug/l

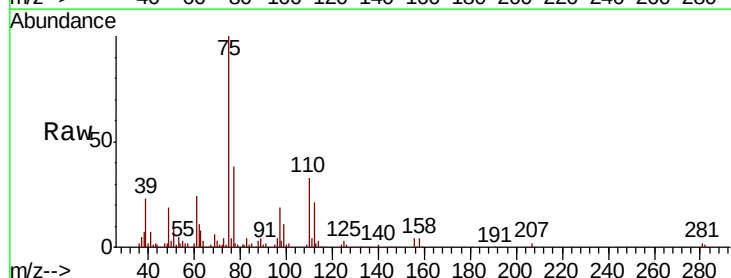
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059348.D

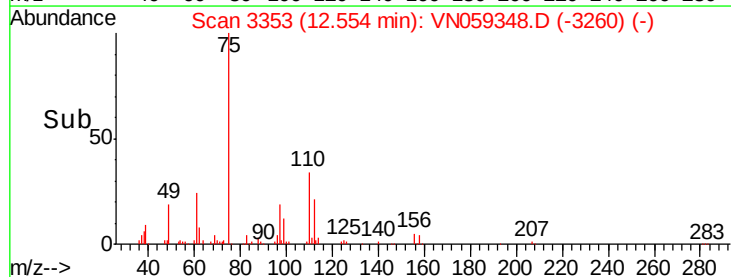
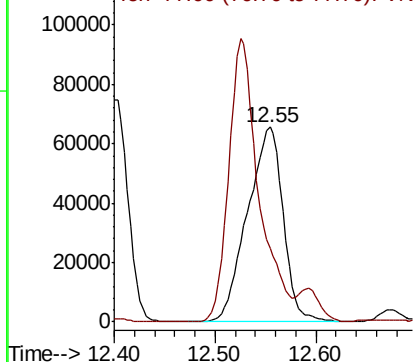
Acq: 21 Nov 2019 19:51

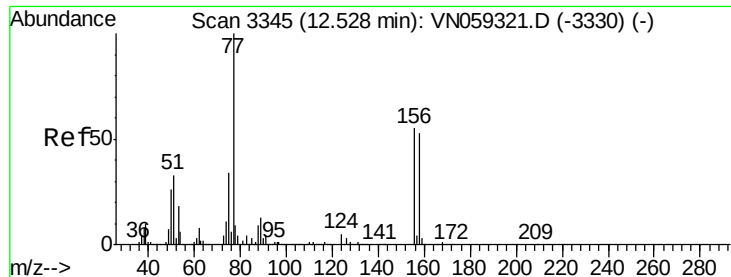
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 161203 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 0.0   | 0.0   | 0.0    |



Abundance Ion 74.90 (74.60 to 75.60): VN059348.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN059348.D (-3260) (-)





#77

Bromobenzene

Concen: 19.101 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

ClientSampled :

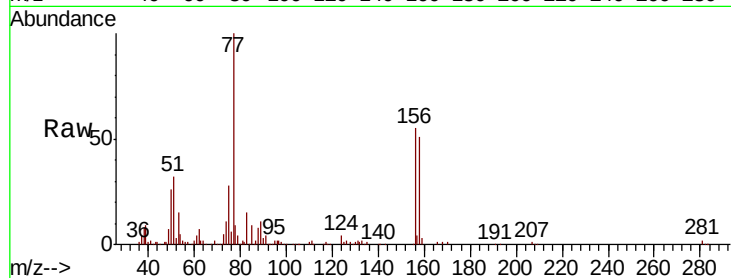
Tot Ion:156 Resp: 89205

Ion Ratio Lower Upper

156 100

77 223.3 111.1 333.4

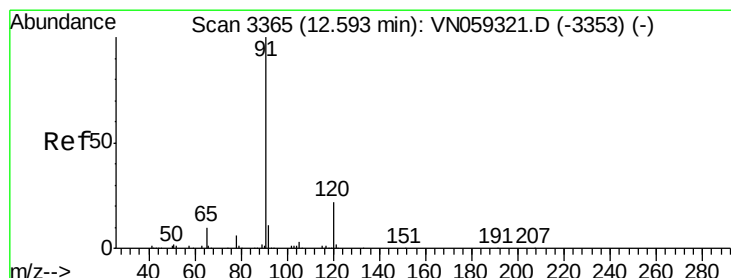
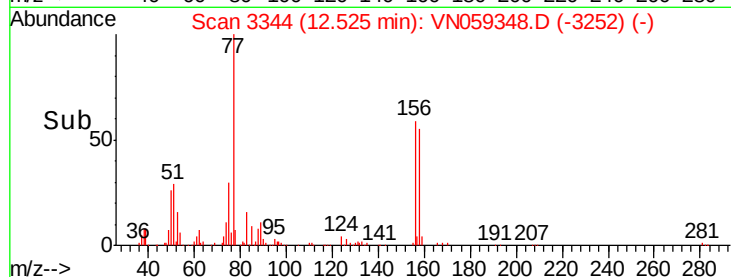
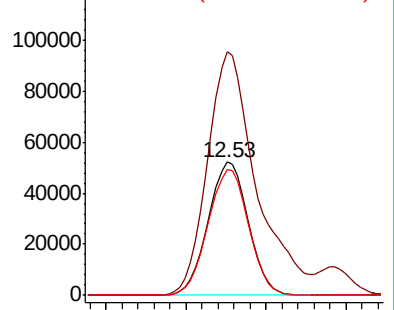
158 95.5 47.8 143.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.634 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059348.D

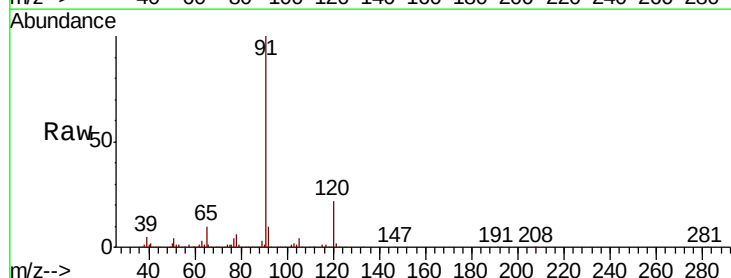
Acq: 21 Nov 2019 19:51

Tgt Ion: 91 Resp: 428243

Ion Ratio Lower Upper

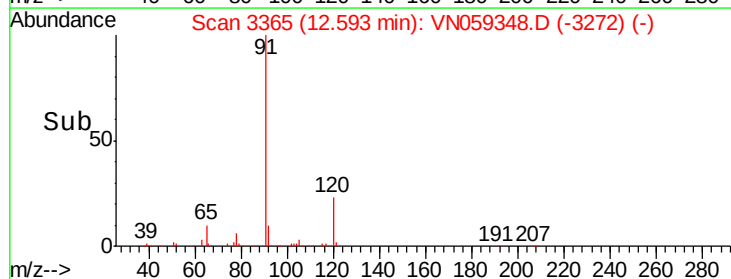
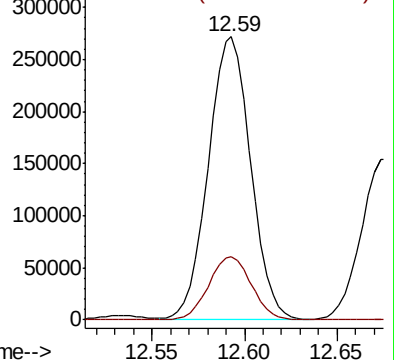
91 100

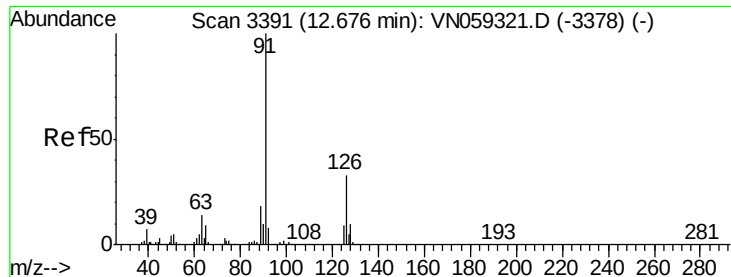
120 22.8 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.090 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

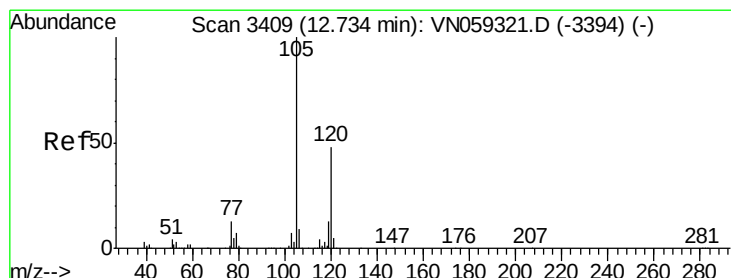
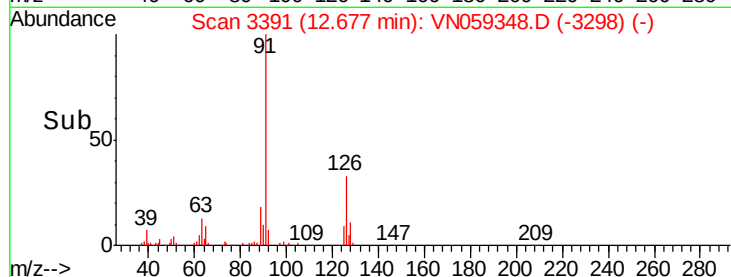
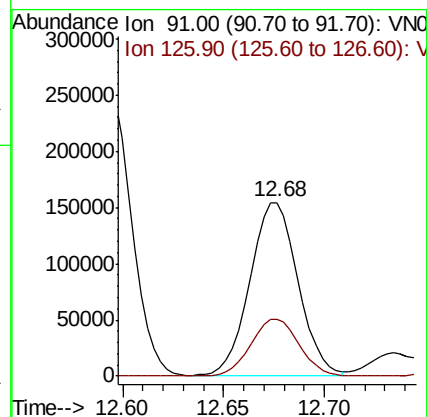
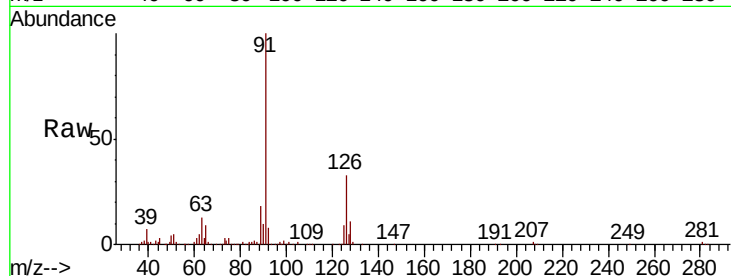
ClientSampled :

Tot Ion: 91 Resp: 255561

Ion Ratio Lower Upper

91 100

126 33.5 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 19.582 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059348.D

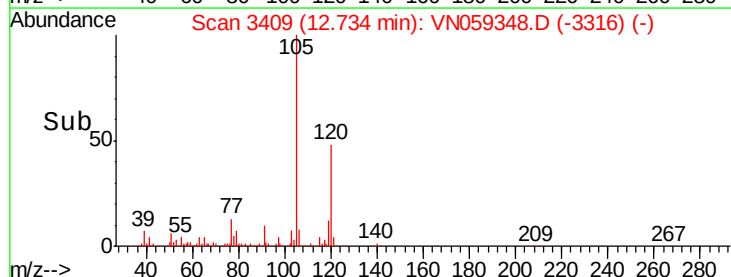
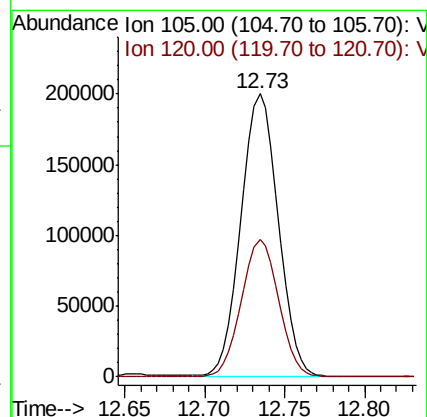
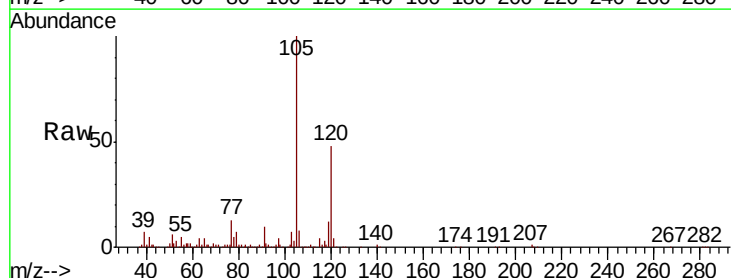
Acq: 21 Nov 2019 19:51

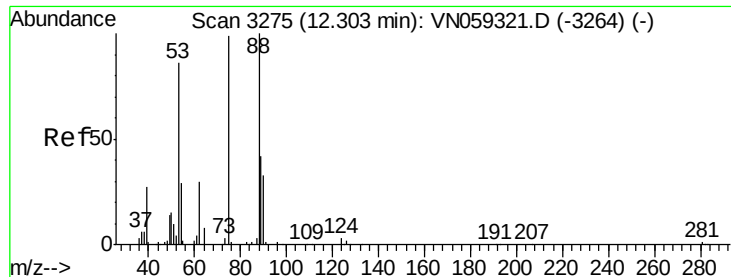
Tgt Ion:105 Resp: 316951

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.4

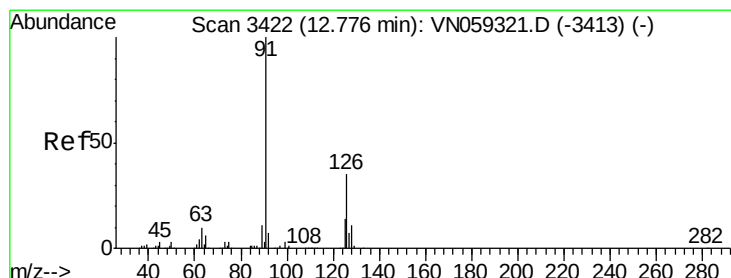
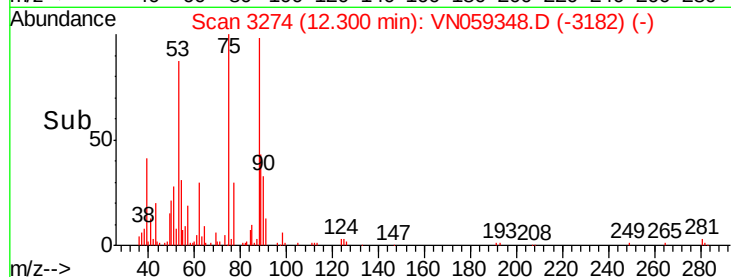
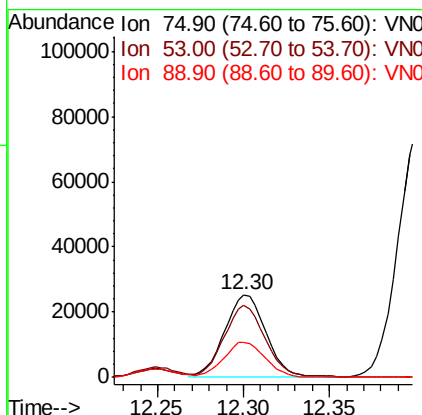
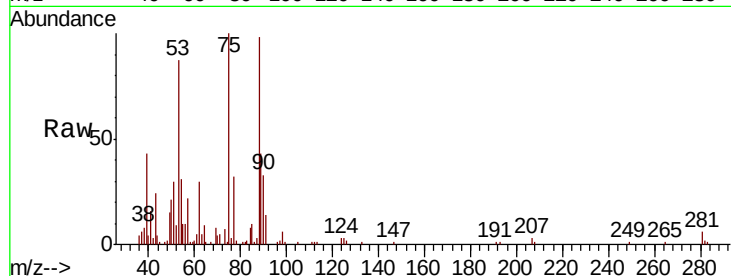




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.456 ug/l  
RT: 12.30 min Scan# 3274  
Delta R.T. -0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

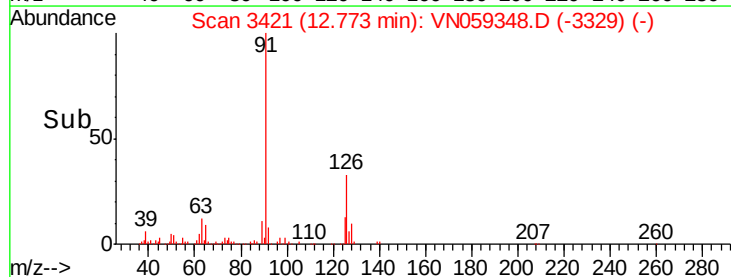
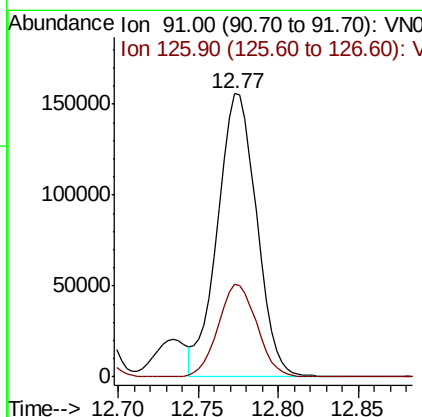
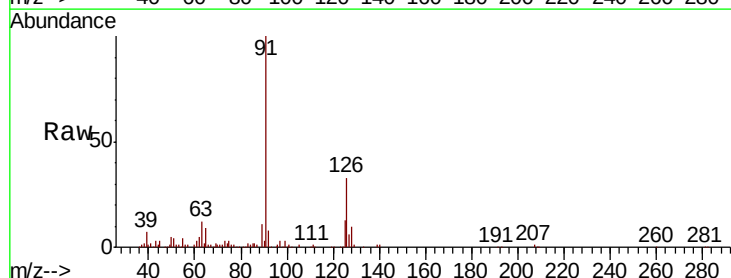
Instrument :  
MSVOA\_N  
ClientSampled :

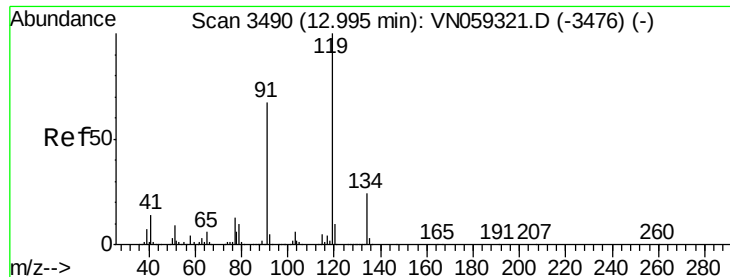
Tot Ion: 75 Resp: 42240  
Ion Ratio Lower Upper  
75 100  
53 88.0 70.7 106.1  
89 43.2 35.4 53.0



#82  
4-Chlorotoluene  
Concen: 18.771 ug/l  
RT: 12.77 min Scan# 3421  
Delta R.T. -0.00 min  
Lab File: VN059348.D  
Acq: 21 Nov 2019 19:51

Tgt Ion: 91 Resp: 260048  
Ion Ratio Lower Upper  
91 100  
126 32.6 16.2 48.6





#83

tert-Butylbenzene

Concen: 19.872 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

ClientSampled :

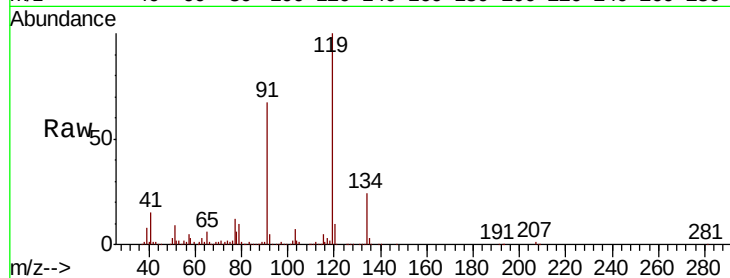
Tot Ion:119 Resp: 271654

Ion Ratio Lower Upper

119 100

91 65.3 32.8 98.4

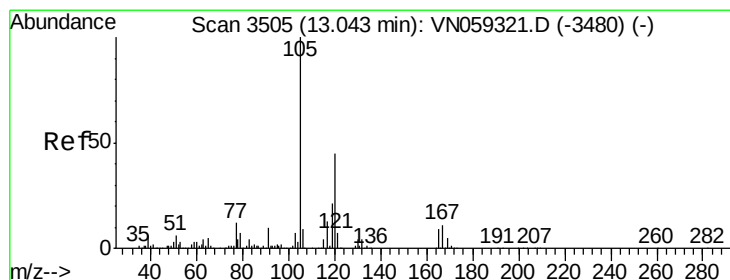
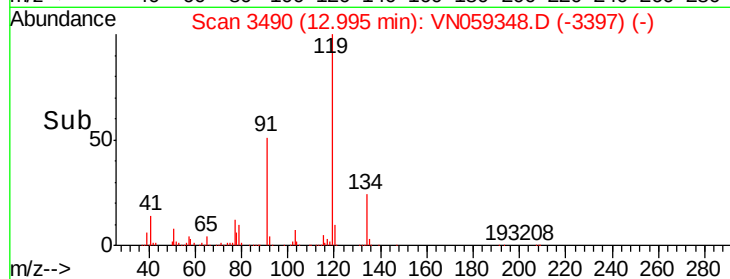
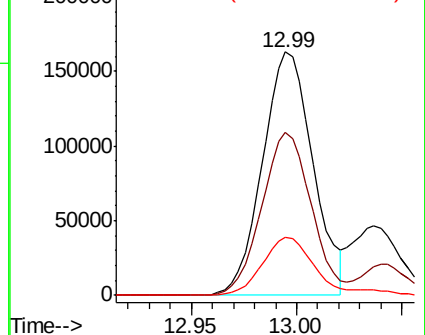
134 25.4 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.019 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059348.D

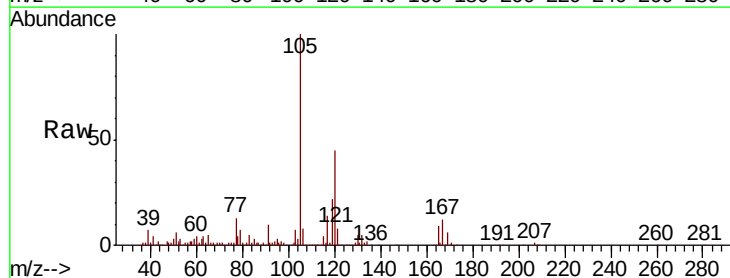
Acq: 21 Nov 2019 19:51

Tgt Ion:105 Resp: 317410

Ion Ratio Lower Upper

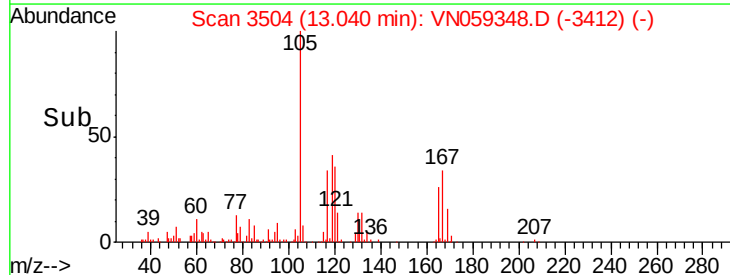
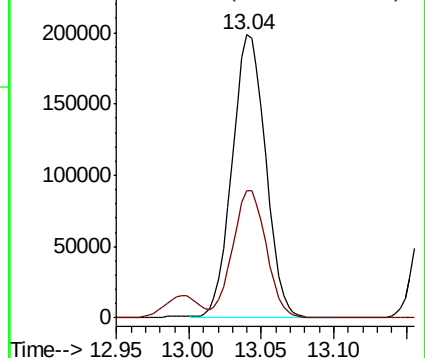
105 100

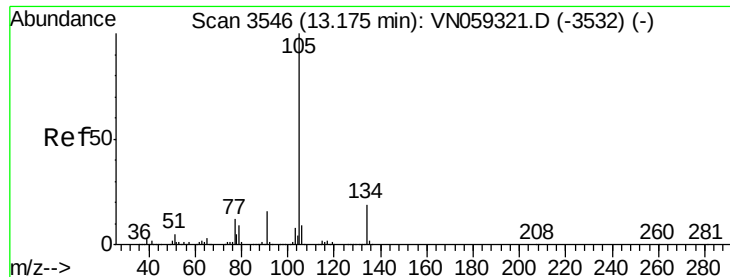
120 45.3 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.595 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

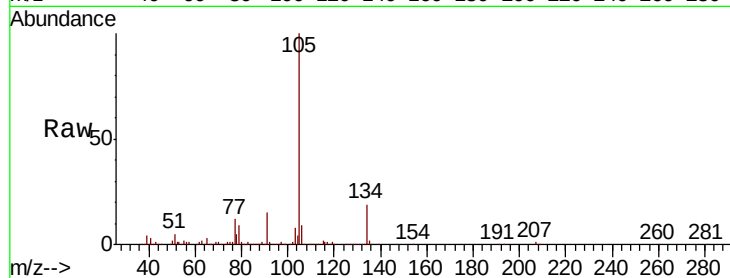
ClientSampled :

Tot Ion:105 Resp: 360024

Ion Ratio Lower Upper

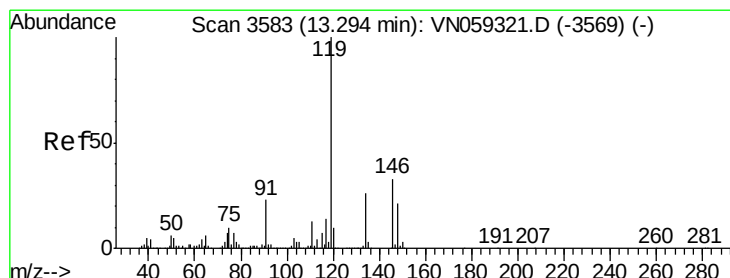
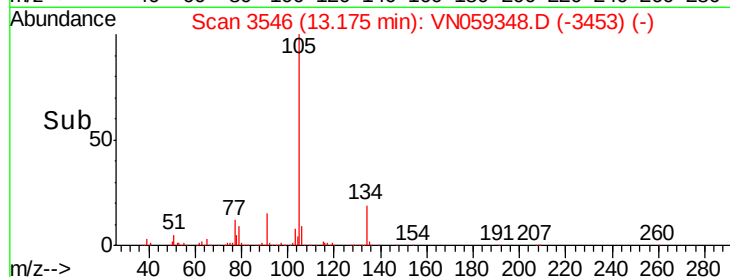
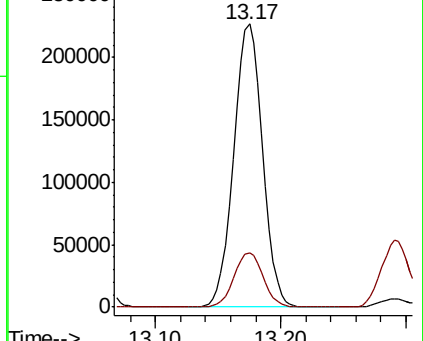
105 100

134 19.4 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.621 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

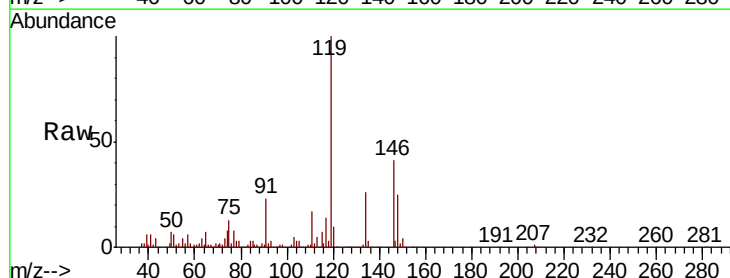
Tgt Ion:119 Resp: 320795

Ion Ratio Lower Upper

119 100

134 26.4 13.0 38.9

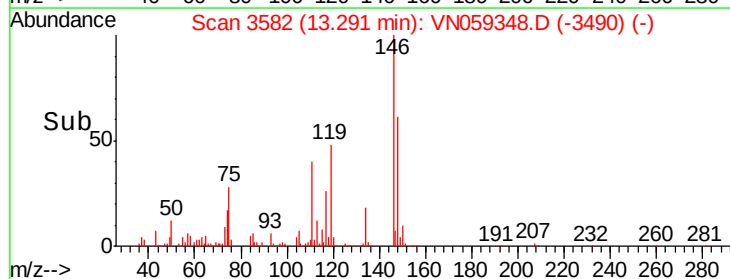
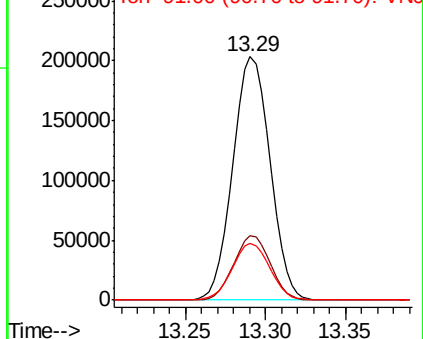
91 23.1 11.6 34.7

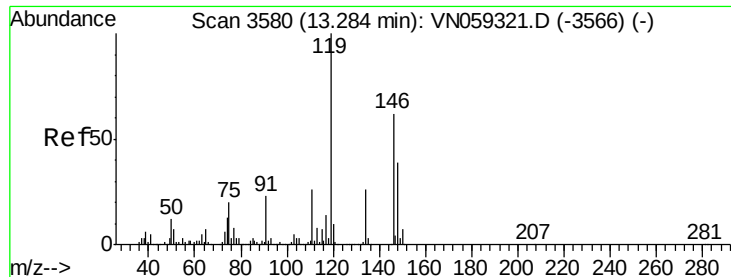


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

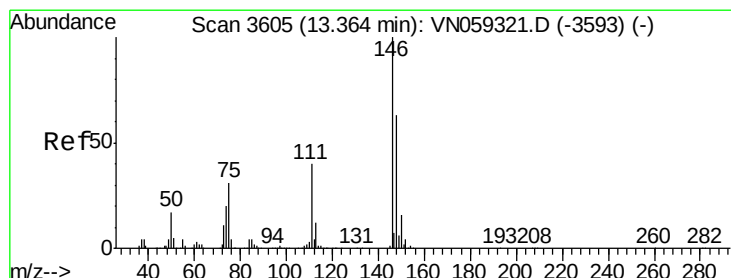
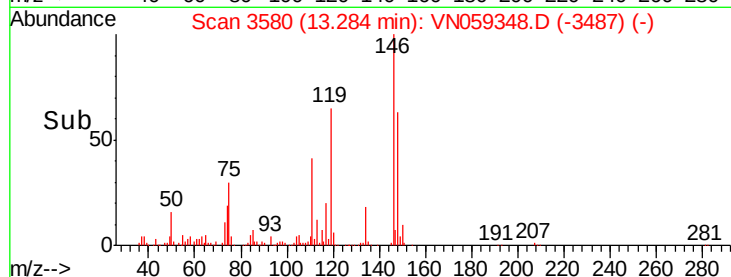
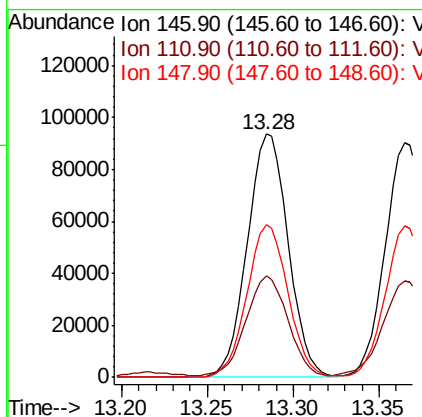
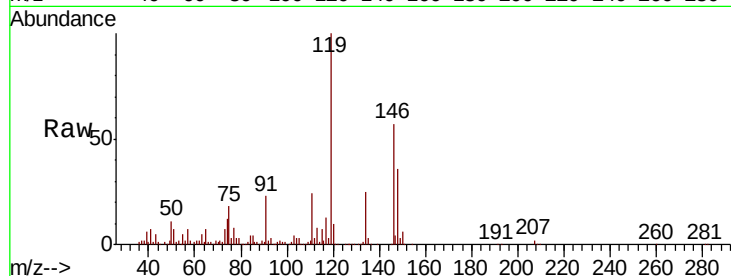




#87  
 1,3-Dichlorobenzene  
 Concen: 18.611 ug/l  
 RT: 13.28 min Scan# 3580  
 Delta R.T. 0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

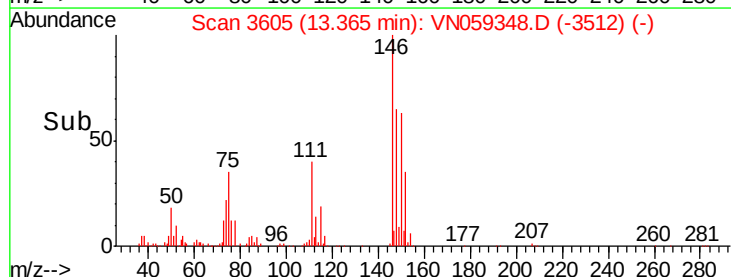
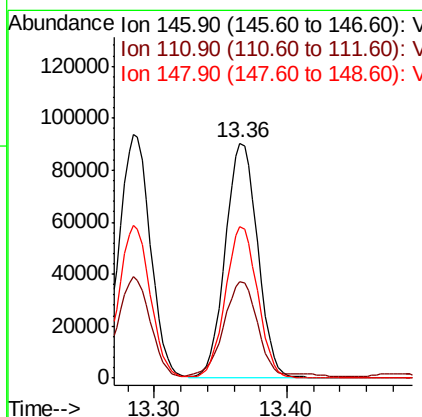
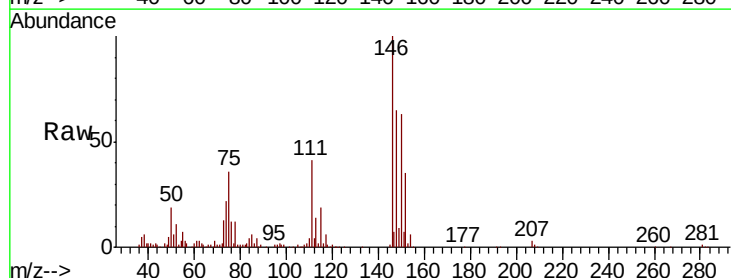
Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:146 Resp: 154784  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 20.6 61.8  
 148 63.1 31.9 95.5

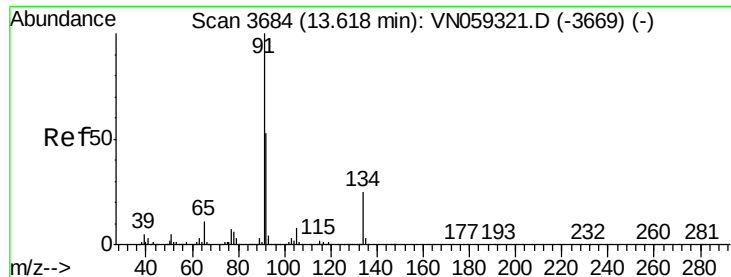


#88  
 1,4-Dichlorobenzene  
 Concen: 18.540 ug/l  
 RT: 13.36 min Scan# 3605  
 Delta R.T. 0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

Tgt Ion:146 Resp: 152568  
 Ion Ratio Lower Upper  
 146 100  
 111 42.3 20.1 60.3  
 148 64.4 31.7 95.1







#89

n-Butylbenzene

Concen: 18.506 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

ClientSampleId :

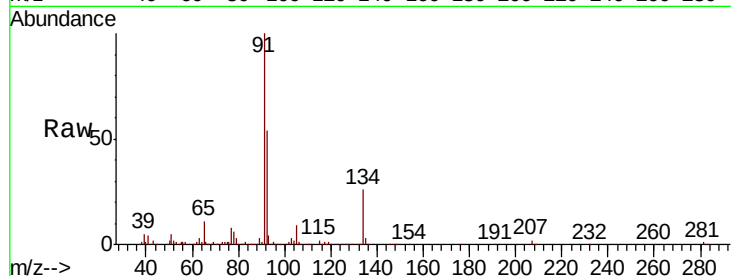
Tot Ion: 91 Resp: 265432

Ion Ratio Lower Upper

91 100

92 53.0 26.0 78.0

134 25.0 12.7 38.1

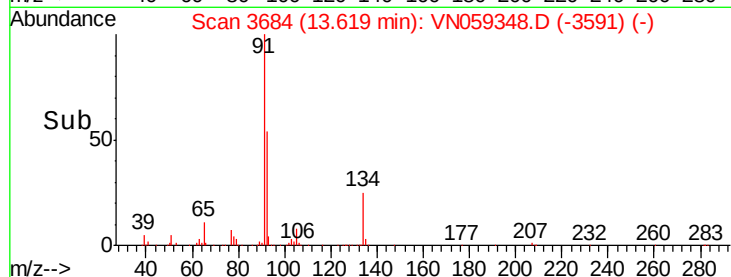


Abundance Ion 91.00 (90.70 to 91.70): VN059321.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN059321.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN059321.D (-3669) (-)

Time-->

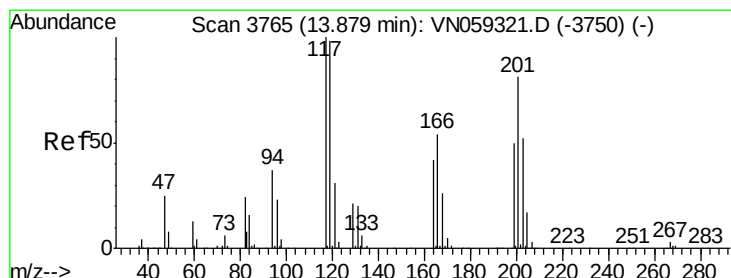


Abundance Ion 91.00 (90.70 to 91.70): VN059348.D (-3591) (-)

Ion 92.00 (91.70 to 92.70): VN059348.D (-3591) (-)

Ion 134.00 (133.70 to 134.70): VN059348.D (-3591) (-)

Time-->



#90

Hexachloroethane

Concen: 18.562 ug/l

RT: 13.88 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN059348.D

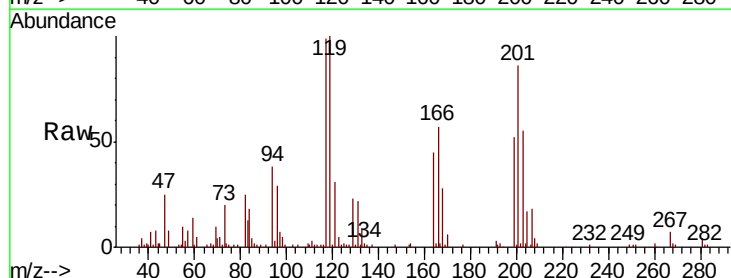
Acq: 21 Nov 2019 19:51

Tgt Ion: 117 Resp: 57475

Ion Ratio Lower Upper

117 100

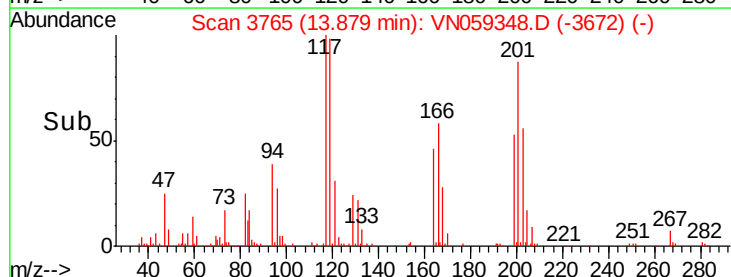
201 81.8 40.4 121.2



Abundance Ion 116.80 (116.50 to 117.50): VN059321.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN059321.D (-3750) (-)

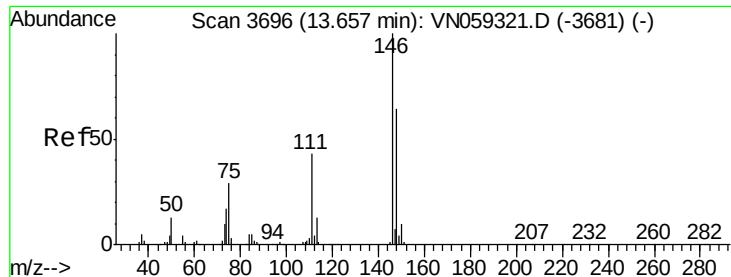
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN059348.D (-3672) (-)

Ion 200.70 (200.40 to 201.40): VN059348.D (-3672) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 18.915 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059348.D

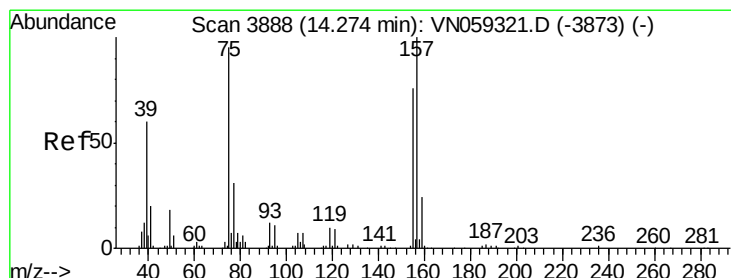
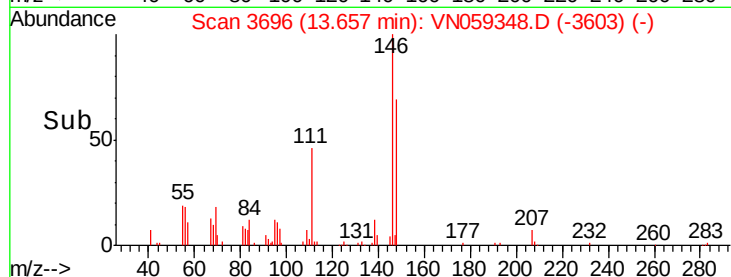
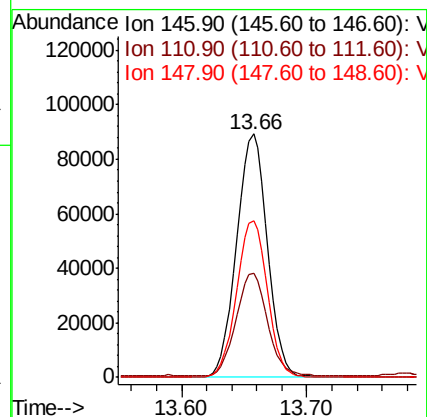
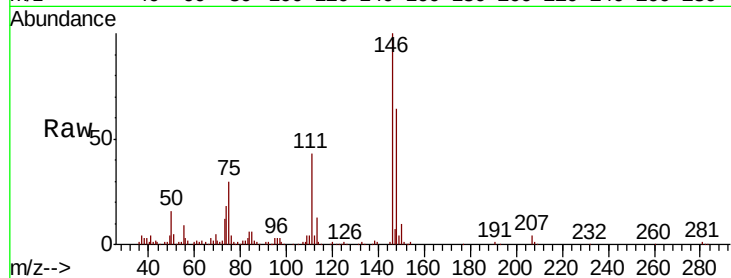
Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 146   | Resp: | 152204 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 111      | 43.6  | 21.3  | 64.0   |
| 148      | 64.2  | 31.9  | 95.5   |



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.431 ug/l

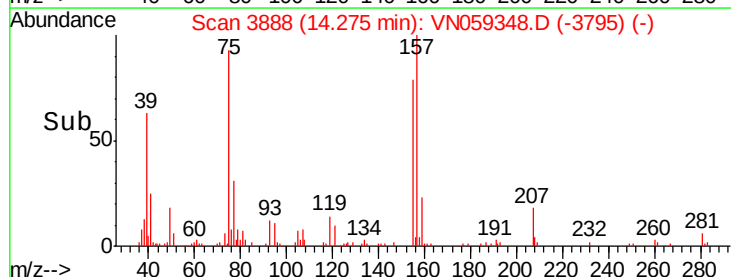
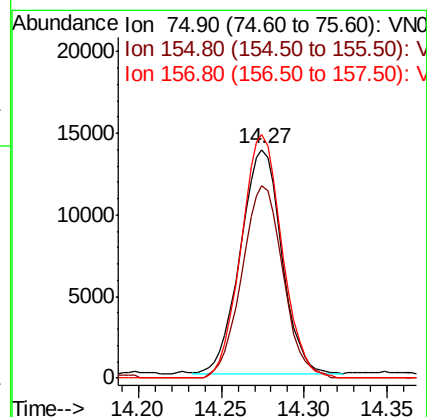
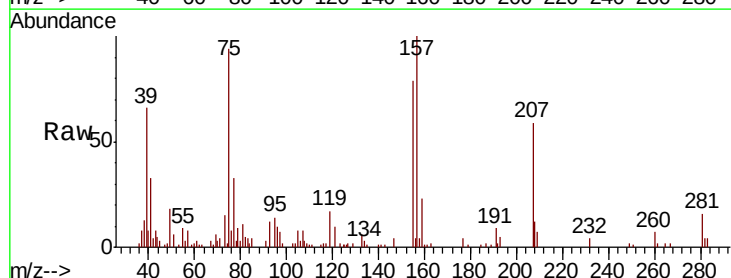
RT: 14.27 min Scan# 3888

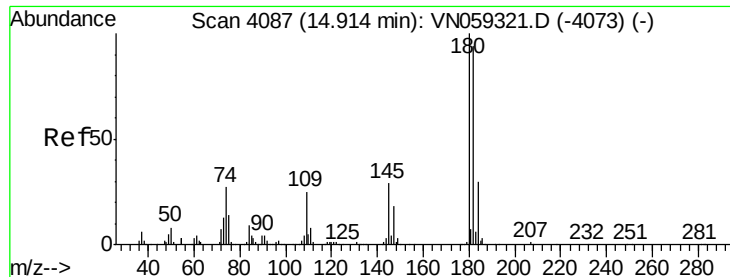
Delta R.T. 0.00 min

Lab File: VN059348.D

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 23605 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 86.1  | 40.5  | 121.5 |
| 157      | 108.2 | 52.7  | 158.1 |

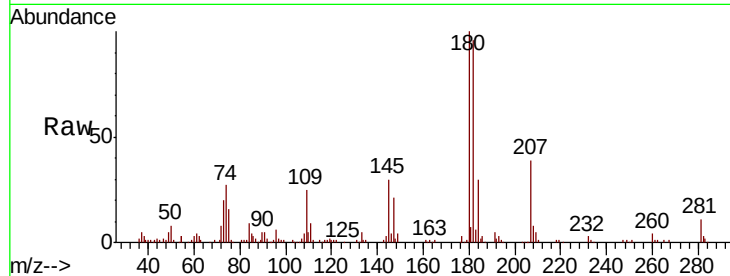




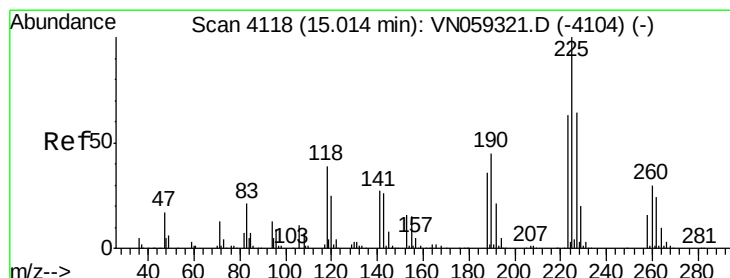
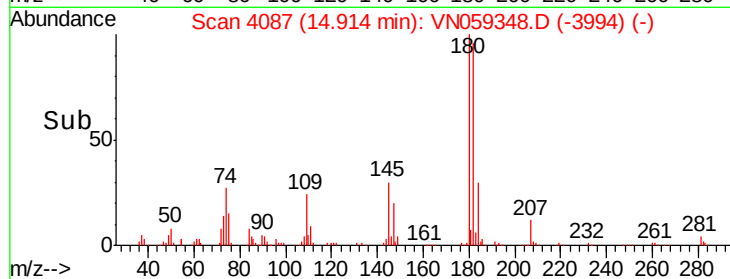
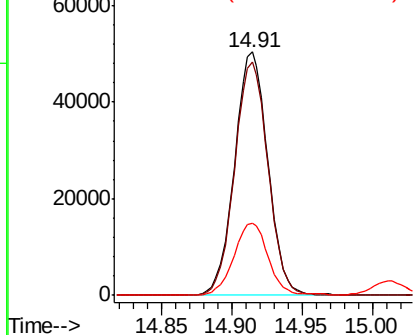
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.627 ug/l  
 RT: 14.91 min Scan# 4087  
 Delta R.T. 0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

Instrument :  
 MSVOA\_N  
 ClientSampleId :

Tot Ion:180 Resp: 83419  
 Ion Ratio Lower Upper  
 180 100  
 182 95.7 47.2 141.6  
 145 30.7 14.9 44.5

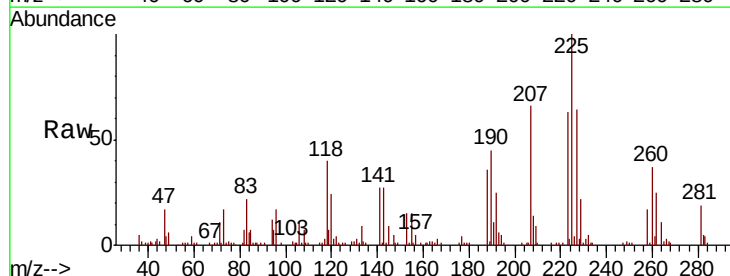


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

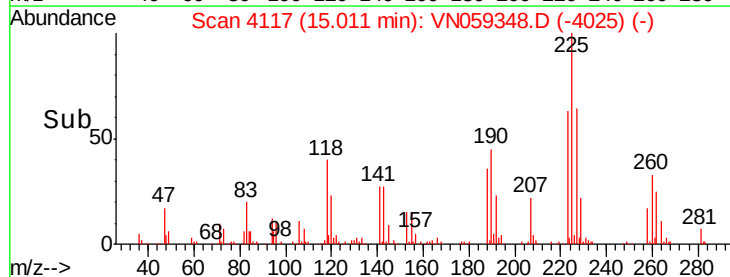
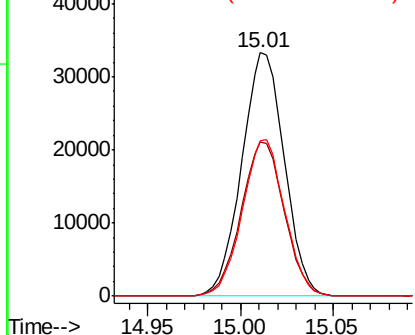


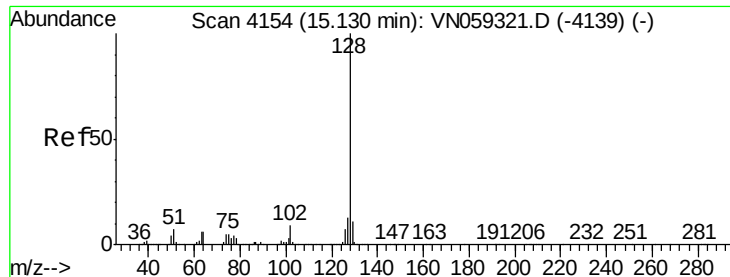
#94  
 Hexachlorobutadiene  
 Concen: 18.295 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. -0.00 min  
 Lab File: VN059348.D  
 Acq: 21 Nov 2019 19:51

Tgt Ion:225 Resp: 53039  
 Ion Ratio Lower Upper  
 225 100  
 223 64.1 31.6 94.8  
 227 63.5 32.6 97.7



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.400 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

Instrument :

MSVOA\_N

ClientSampled :

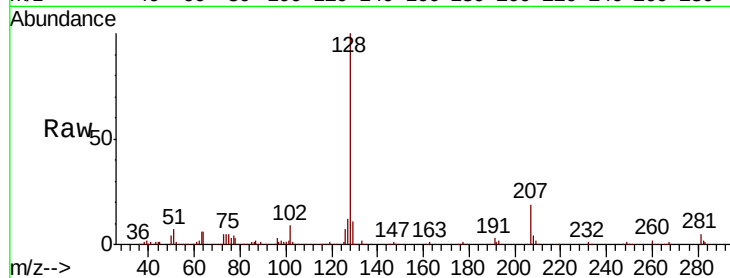
Tot Ion:128 Resp: 225367

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

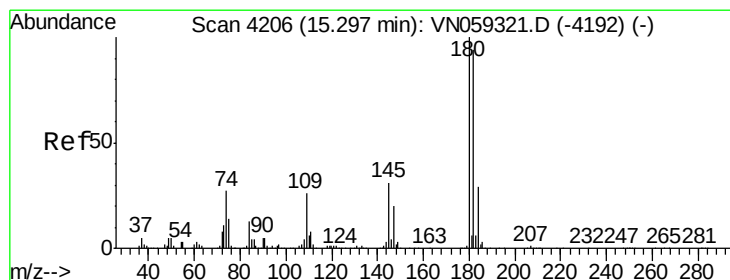
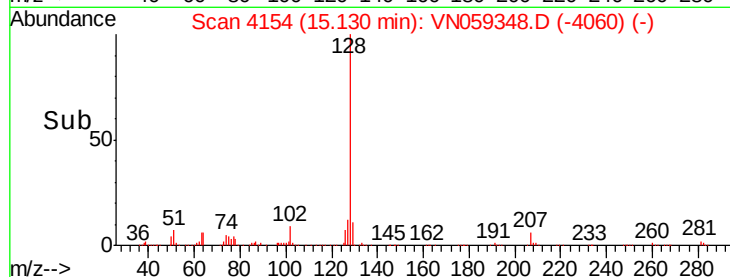
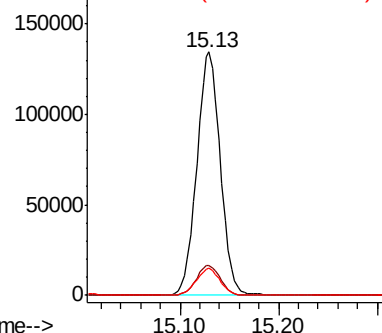
129 11.2 8.6 13.0



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: 18.456 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059348.D

Acq: 21 Nov 2019 19:51

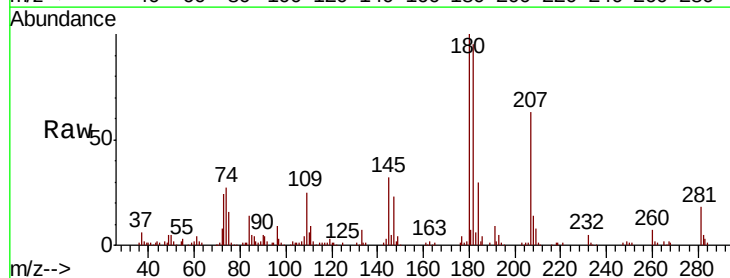
Tgt Ion:180 Resp: 84536

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.4

145 32.3 15.6 46.8



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

