

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\  
 Data File : VX014711.D  
 Acq On : 24 Jan 2020 20:49  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Jan 24 22:36:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X012220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 22 12:35:15 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 432593   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 659652   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 600018   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 300670   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 249553   | 49.40 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.80% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 203391   | 48.86 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.72% |      |
| 50) Toluene-d8            | 8.71   | 98  | 787844   | 49.23 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.46% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 279284   | 49.00 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.00% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 282328  | 48.637  | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 285029  | 48.704  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 331608  | 52.406  | ug/l | 99     |
| 5) Bromomethane               | 1.63 | 94  | 205049  | 47.709  | ug/l | 100    |
| 6) Chloroethane               | 1.72 | 64  | 175009  | 48.295  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 361450  | 49.058  | ug/l | 99     |
| 8) Diethyl Ether              | 2.18 | 74  | 153710  | 47.797  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 209794  | 48.505  | ug/l | 99     |
| 10) Methyl Iodide             | 2.50 | 142 | 296922  | 52.318  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.03 | 59  | 250508  | 220.877 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 208559  | 48.498  | ug/l | 98     |
| 13) Acrolein                  | 2.28 | 56  | 321482  | 359.498 | ug/l | 98     |
| 14) Allyl chloride            | 2.72 | 41  | 376334  | 48.687  | ug/l | 100    |
| 15) Acrylonitrile             | 3.13 | 53  | 641231  | 244.356 | ug/l | 100    |
| 16) Acetone                   | 2.44 | 43  | 545229  | 196.962 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.56 | 76  | 555320  | 47.248  | ug/l | 100    |
| 18) Methyl Acetate            | 2.76 | 43  | 401045  | 50.747  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.19 | 73  | 702763  | 49.893  | ug/l | 100    |
| 20) Methylene Chloride        | 2.85 | 84  | 239718  | 46.791  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 3.15 | 96  | 224528  | 47.419  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.84 | 45  | 767026  | 49.877  | ug/l | 98     |
| 23) Vinyl Acetate             | 3.80 | 43  | 2280358 | 194.522 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 415833  | 49.791  | ug/l | 99     |
| 25) 2-Butanone                | 4.66 | 43  | 887678  | 223.778 | ug/l | 98     |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 304505  | 45.552  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 257777  | 48.643  | ug/l | 99     |
| 28) Bromochloromethane        | 5.01 | 49  | 162348  | 44.237  | ug/l | 100    |
| 29) Tetrahydrofuran           | 5.11 | 42  | 579302  | 246.055 | ug/l | 99     |
| 30) Chloroform                | 5.20 | 83  | 403068  | 48.719  | ug/l | 99     |
| 31) Cyclohexane               | 5.57 | 56  | 382195  | 48.655  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 342537  | 48.982  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 307575  | 50.180  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.82 | 43  | 341188  | 48.600  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 291903  | 49.865  | ug/l | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012420\  
 Data File : VX014711.D  
 Acq On : 24 Jan 2020 20:49  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Jan 24 22:36:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X012220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 22 12:35:15 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 376359   | 49.013  | ug/l   | 97       |
| 40) Benzene                    | 6.14  | 78   | 938636   | 49.561  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.03  | 41   | 193275   | 48.248  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 326036   | 49.852  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.43  | 43   | 566904   | 49.313  | ug/l   | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 269933   | 50.459  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 246379   | 50.497  | ug/l   | 98       |
| 46) Dibromomethane             | 7.65  | 93   | 158083   | 50.027  | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.89  | 83   | 313655   | 50.608  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.76  | 41   | 285649   | 52.005  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 110042   | 945.105 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 1800085  | 248.091 | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 592031   | 50.854  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 343381   | 51.455  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 380085   | 51.773  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 243112   | 51.005  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 383551   | 47.556  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 407720   | 50.039  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 627864   | 261.930 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 1353072  | 240.317 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 254036   | 51.061  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 254152   | 50.432  | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.33  | 164  | 370793   | 62.429  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 632548   | 49.287  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 238343   | 50.368  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 1121073  | 51.158  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.35 | 106  | 863831   | 104.051 | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 413993   | 51.654  | ug/l   | 98       |
| 70) Styrene                    | 10.71 | 104  | 712506   | 52.996  | ug/l   | 100      |
| 71) Bromoform                  | 10.85 | 173  | 192423   | 51.135  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.01 | 105  | 1096434  | 51.863  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.89 | 43   | 501422   | 54.124  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 338917   | 44.899  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 428074   | 61.195  | ug/l   | 88       |
| 77) Bromobenzene               | 11.25 | 156  | 287437   | 50.609  | ug/l   | 98       |
| 78) n-propylbenzene            | 11.35 | 91   | 1251730  | 52.161  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 734352   | 50.576  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 922392   | 52.569  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 121490   | 49.424  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 847128   | 51.248  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.76 | 119  | 777193   | 47.137  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 929427   | 52.809  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 1050431  | 52.005  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 984902   | 52.763  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 501294   | 49.113  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 499980   | 48.901  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 843836   | 51.904  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 171432   | 49.444  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 506609   | 49.973  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 76331    | 47.066  | ug/l   | 93       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012420\  
Data File : VX014711.D  
Acq On : 24 Jan 2020 20:49  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 24 Sample Multiplier: 1

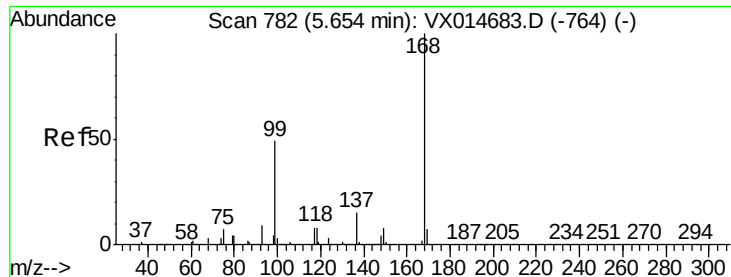
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Jan 24 22:36:10 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X012220W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 22 12:35:15 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 343032   | 52.484 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 169144   | 50.281 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 1032005  | 48.984 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 342575   | 51.836 | ug/l  | 97       |

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



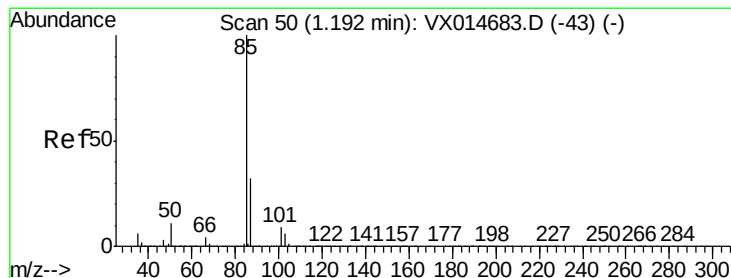
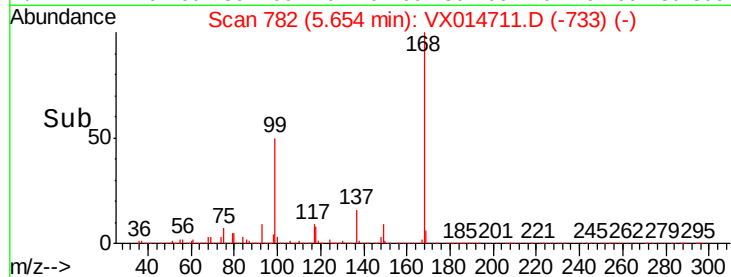
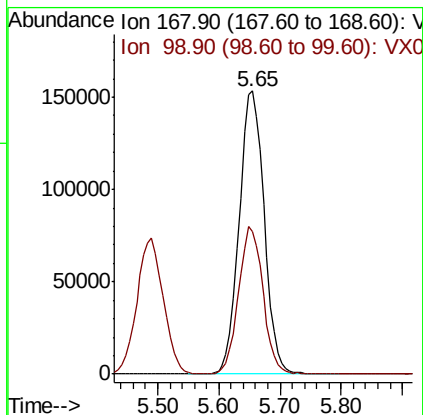
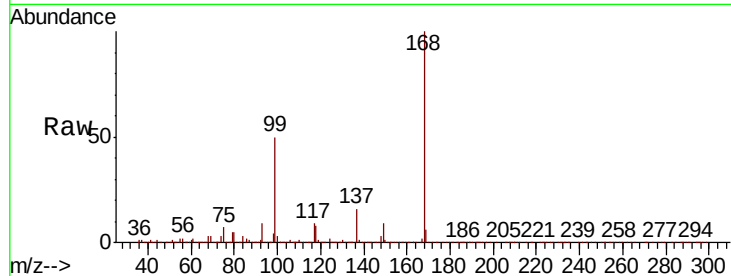


#1

Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.65 min Scan# 782  
 Delta R.T. -0.00 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

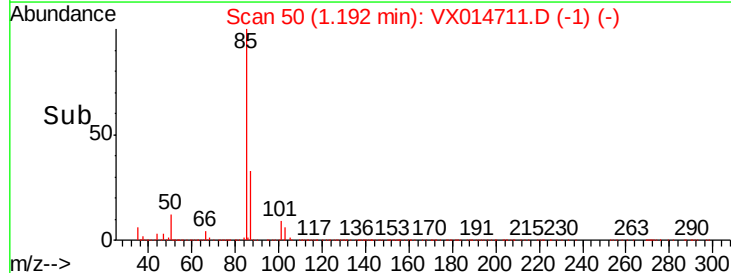
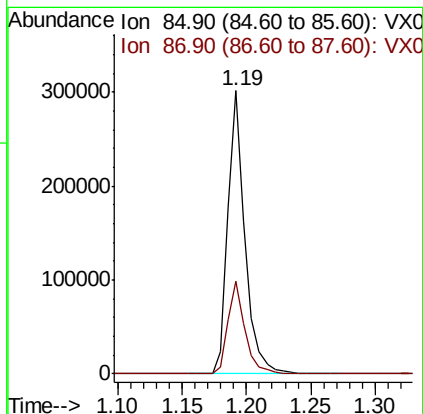
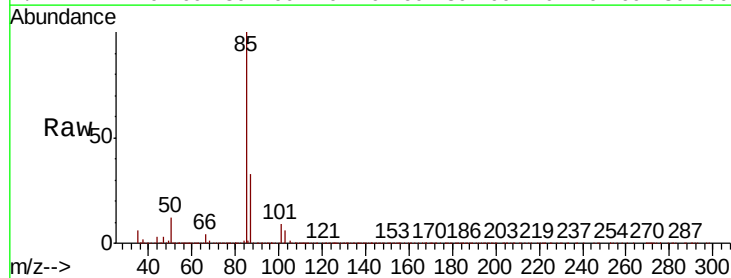
Tot Ion:168 Resp: 432593  
 Ion Ratio Lower Upper  
 168 100  
 99 50.1 39.8 59.6

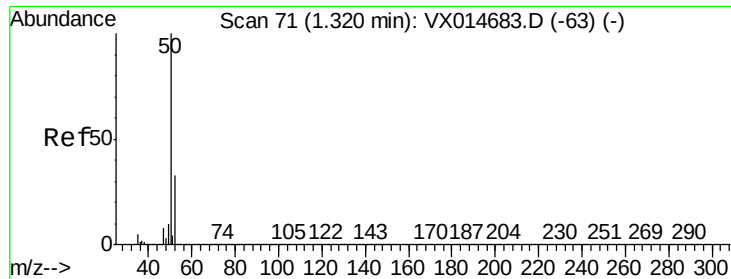


#2

Dichlorodifluoromethane  
 Concen: 48.637 ug/l  
 RT: 1.19 min Scan# 50  
 Delta R.T. 0.00 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

Tgt Ion: 85 Resp: 282328  
 Ion Ratio Lower Upper  
 85 100  
 87 32.8 16.2 48.5





#3

Chloromethane

Concen: 48.704 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

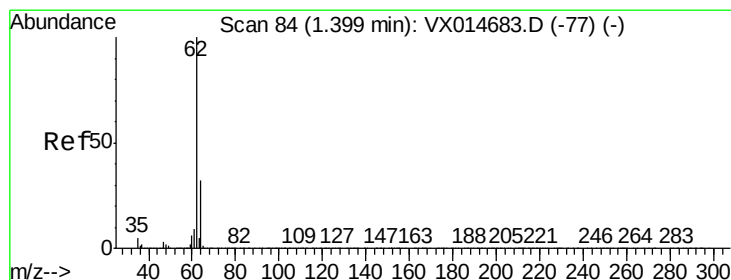
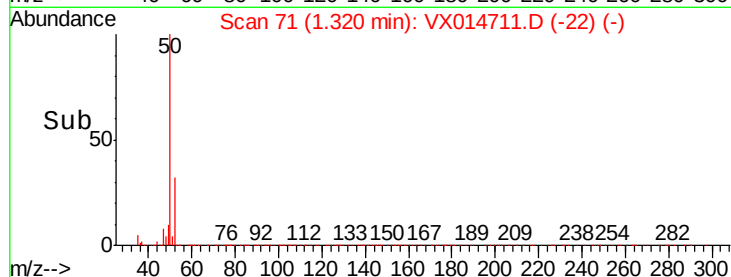
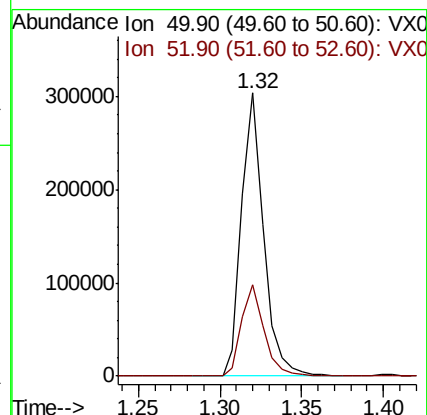
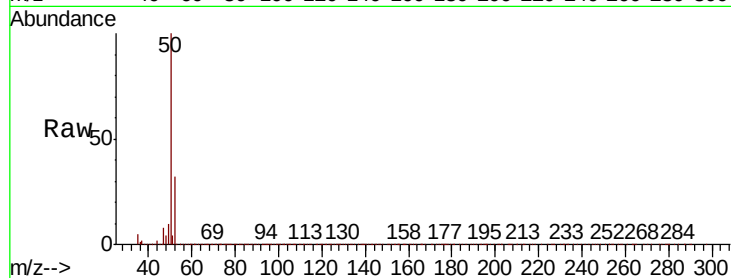
VSTDCCC050EC

Tot Ion: 50 Resp: 285029

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.2



#4

Vinyl Chloride

Concen: 52.406 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014711.D

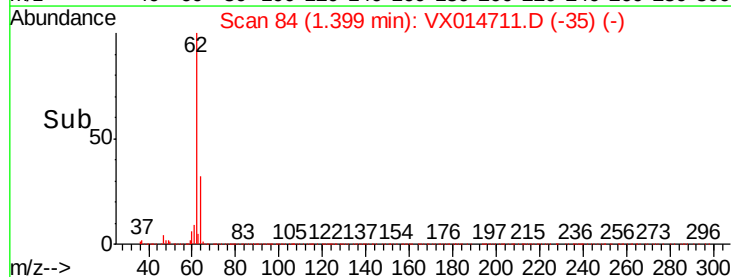
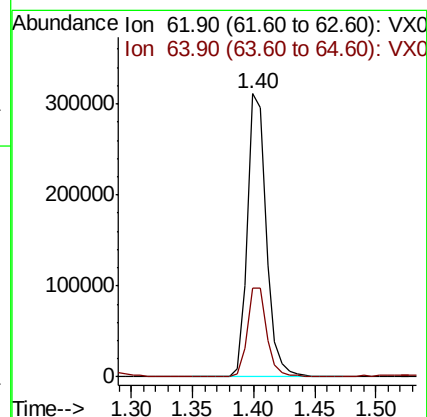
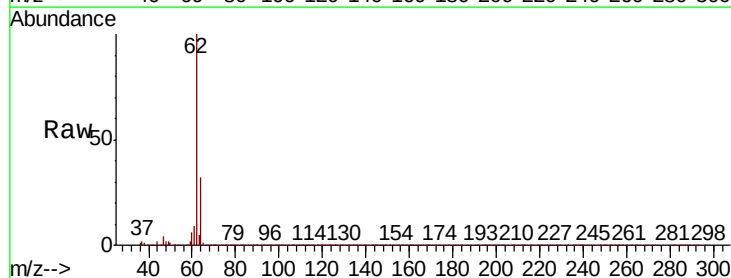
Acq: 24 Jan 2020 20:49

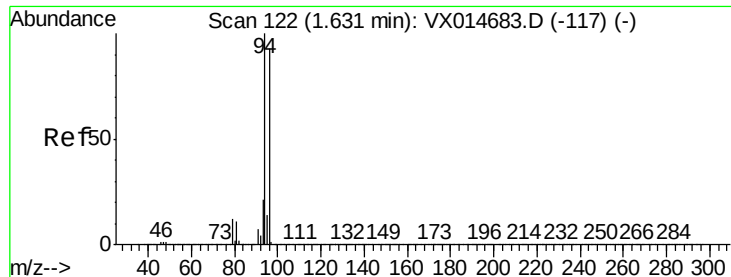
Tgt Ion: 62 Resp: 331608

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2





#5

Bromomethane

Concen: 47.709 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

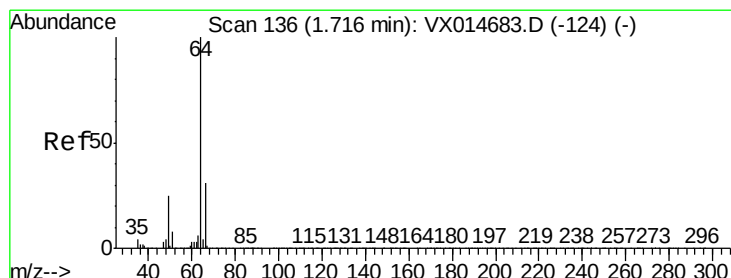
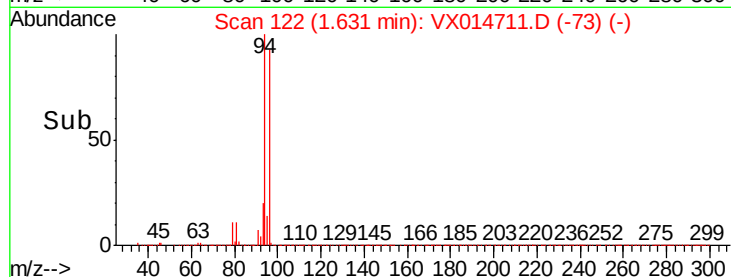
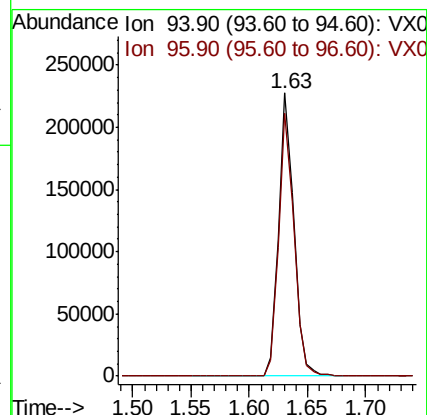
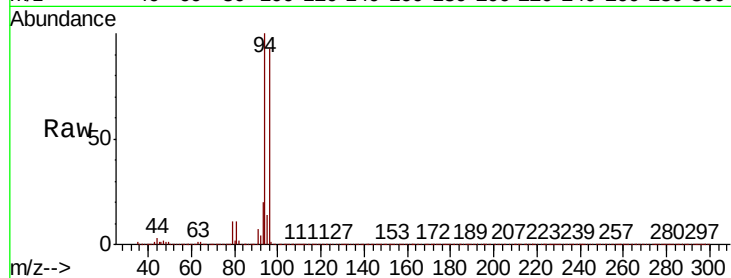
VSTDCCC050EC

Tot Ion: 94 Resp: 205049

Ion Ratio Lower Upper

94 100

96 93.1 74.7 112.1



#6

Chloroethane

Concen: 48.295 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014711.D

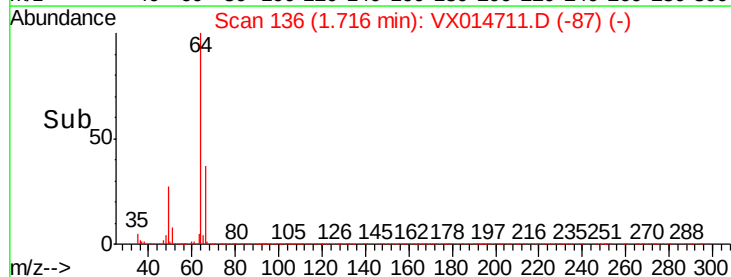
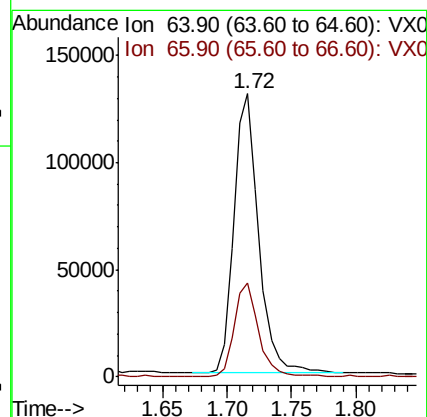
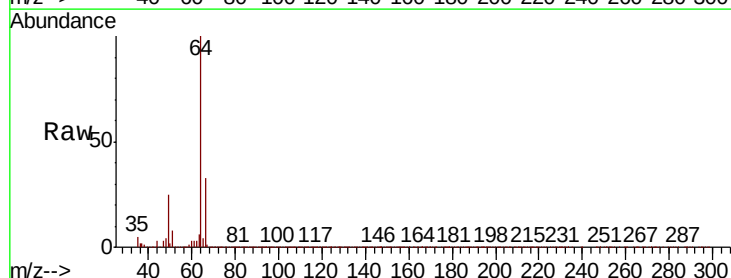
Acq: 24 Jan 2020 20:49

Tgt Ion: 64 Resp: 175009

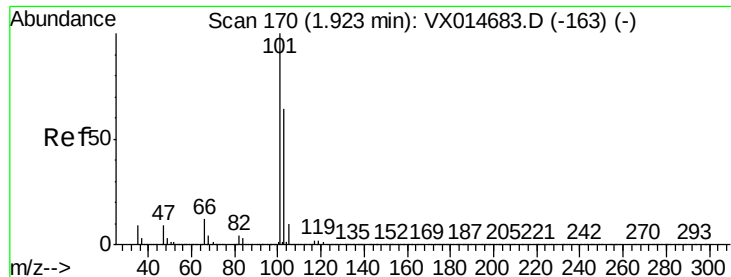
Ion Ratio Lower Upper

64 100

66 33.4 25.2 37.8





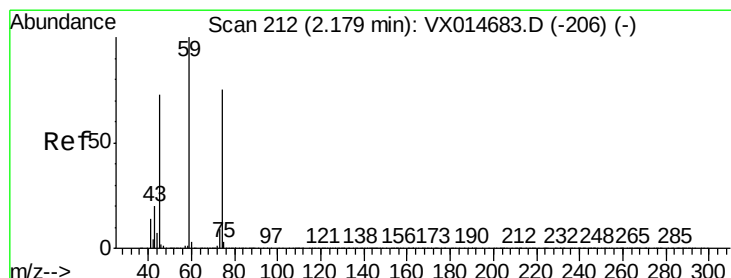
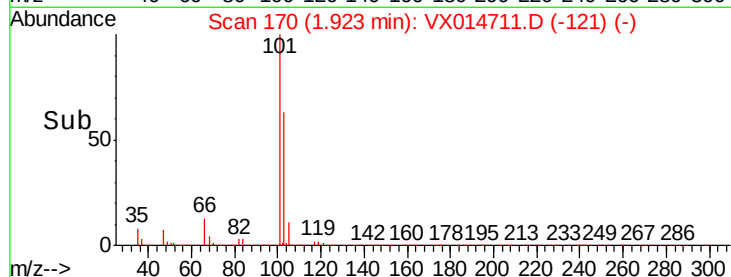
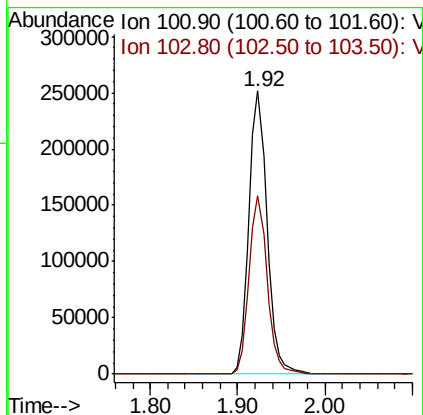
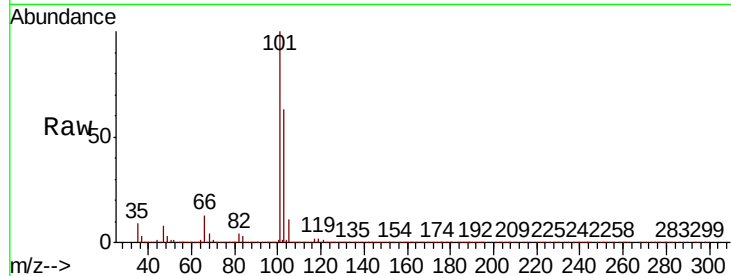


#7

Trichlorofluoromethane  
Concen: 49.058 ug/l  
RT: 1.92 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

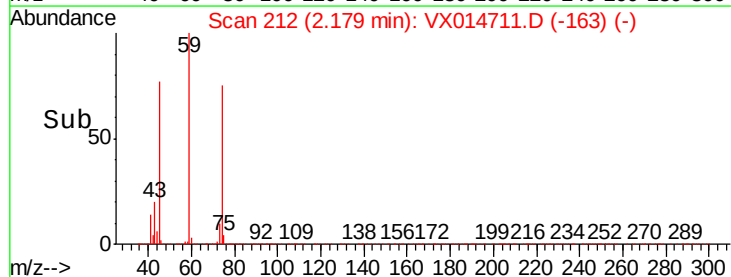
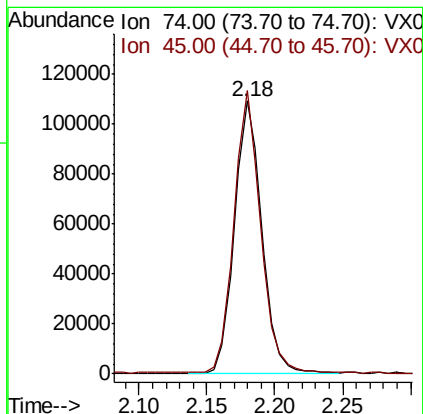
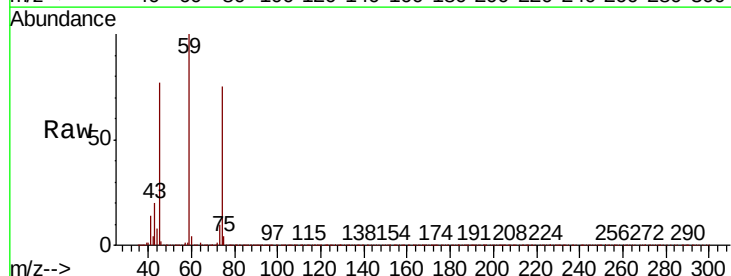
Tot Ion:101 Resp: 361450  
Ion Ratio Lower Upper  
101 100  
103 63.1 51.0 76.6



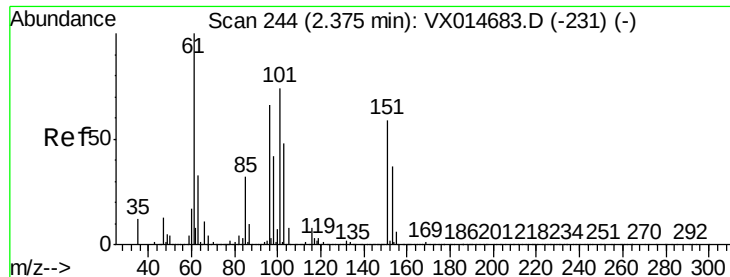
#8

Diethyl Ether  
Concen: 47.797 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Tgt Ion: 74 Resp: 153710  
Ion Ratio Lower Upper  
74 100  
45 100.0 49.4 148.0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.505 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

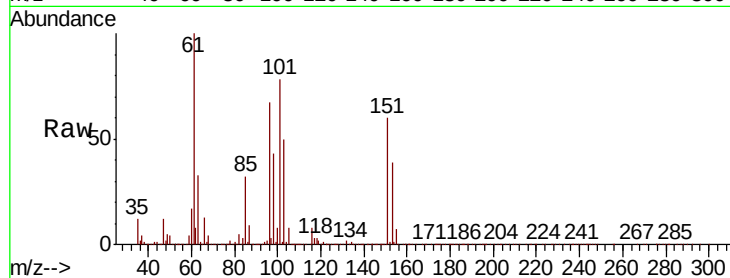
Tot Ion:101 Resp: 209794

Ion Ratio Lower Upper

101 100

85 41.4 34.7 52.1

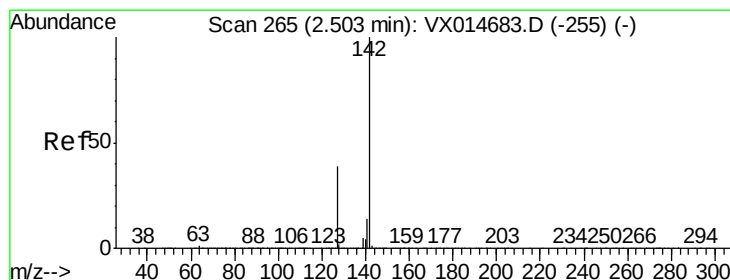
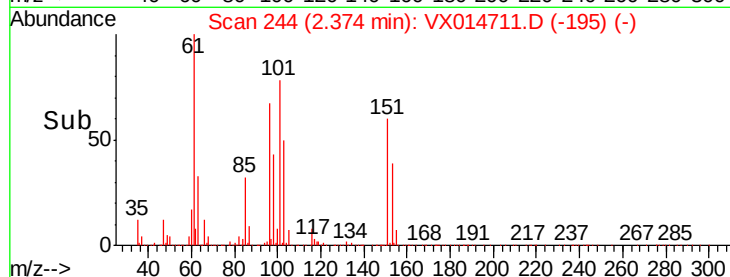
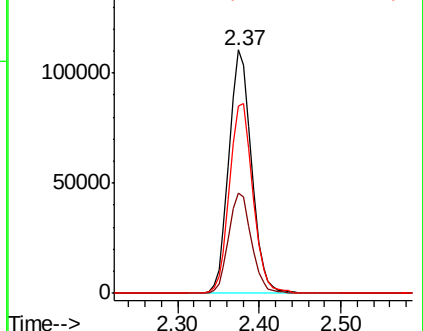
151 81.2 64.7 97.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.318 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

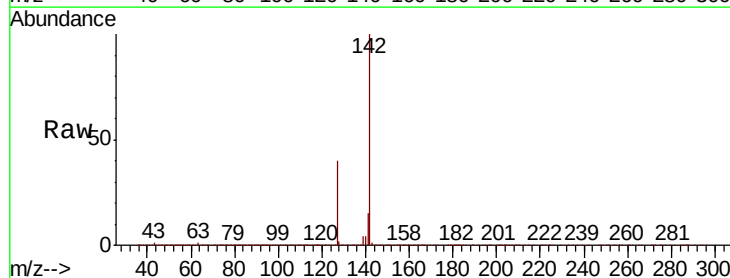
Tgt Ion:142 Resp: 296922

Ion Ratio Lower Upper

142 100

127 39.2 31.1 46.7

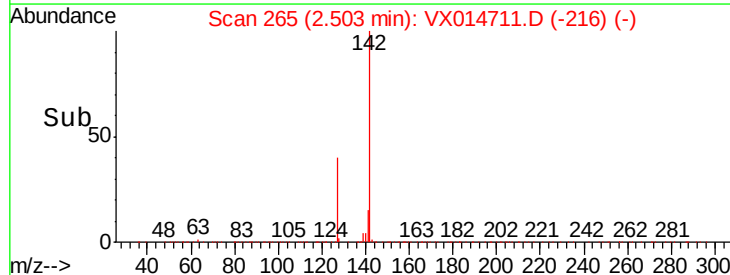
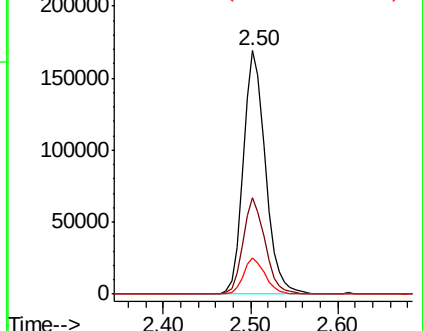
141 14.5 11.3 16.9

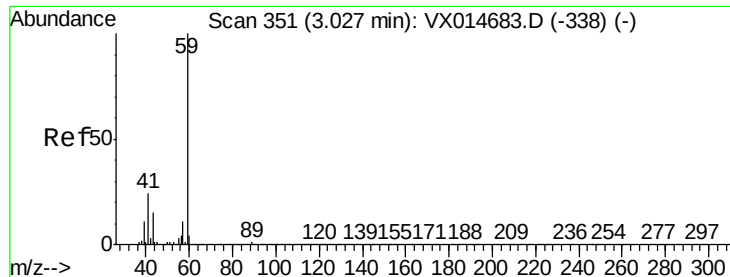


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



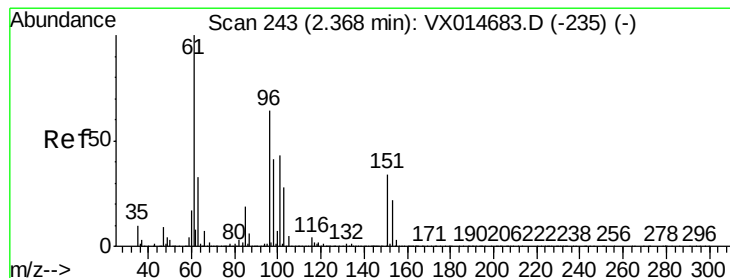
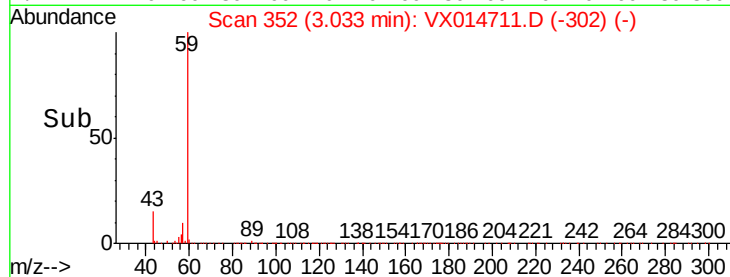
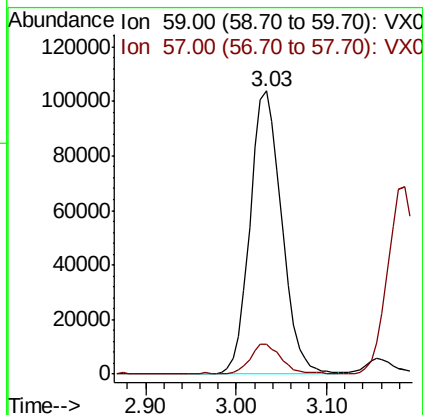
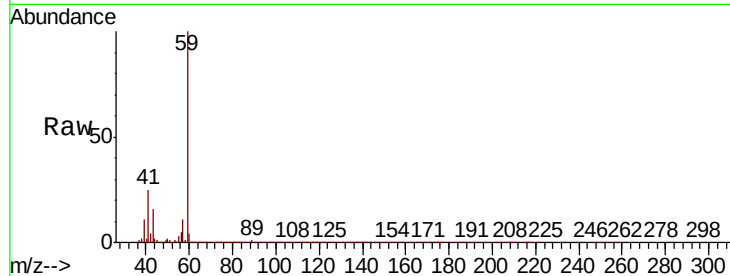


#11

Tert butyl alcohol  
Concen: 220.877 ug/l  
RT: 3.03 min Scan# 352  
Delta R.T. 0.01 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

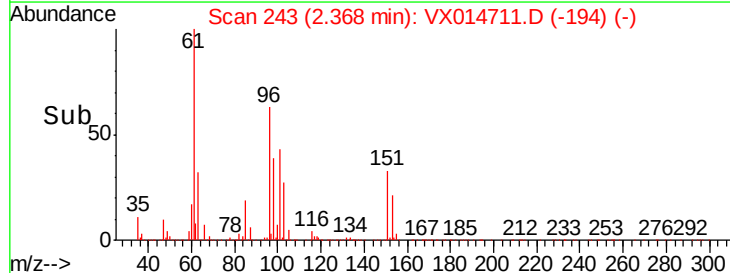
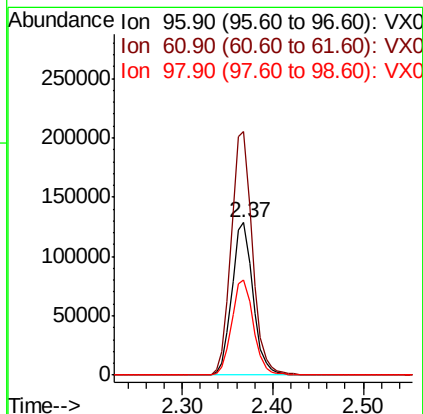
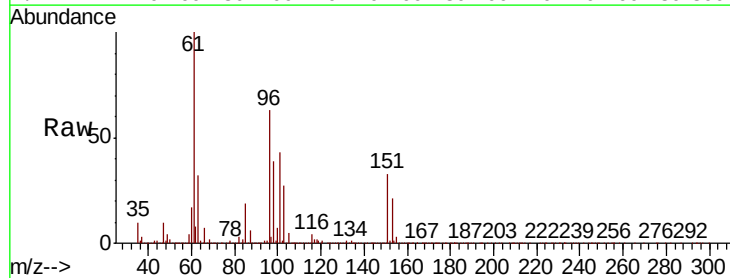
Tot Ion: 59 Resp: 250508  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.3 12.5

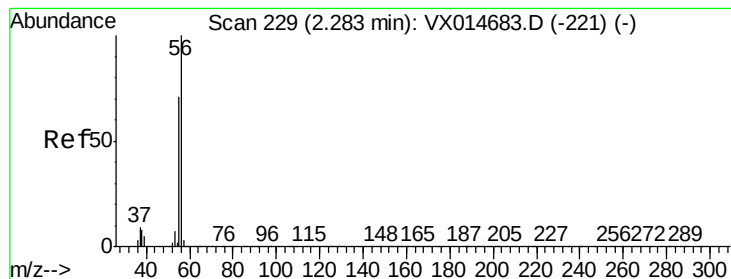


#12

1,1-Dichloroethene  
Concen: 48.498 ug/l  
RT: 2.37 min Scan# 243  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Tgt Ion: 96 Resp: 208559  
Ion Ratio Lower Upper  
96 100  
61 159.7 125.8 188.8  
98 62.5 51.5 77.3





#13

Acrolein

Concen: 359.498 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

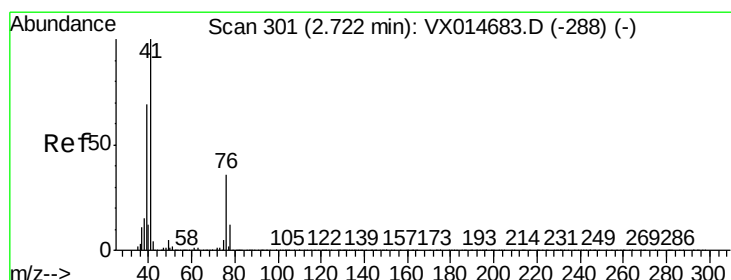
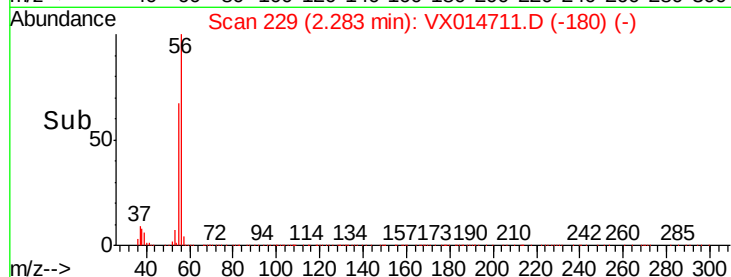
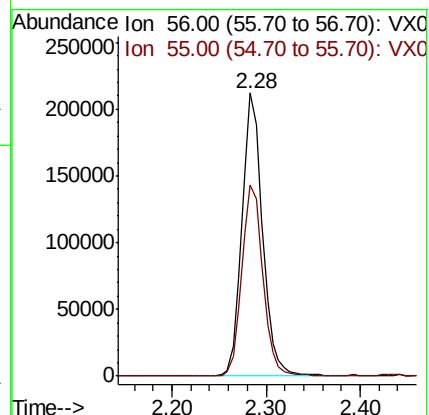
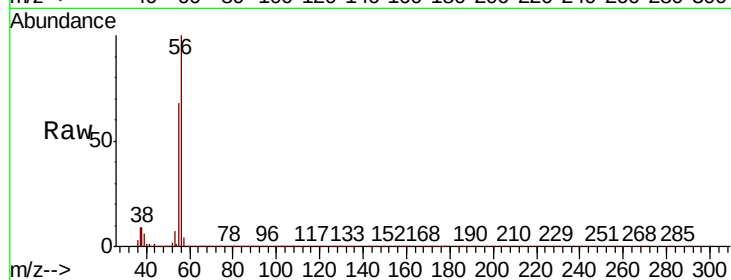
VSTDCCC050EC

Tot Ion: 56 Resp: 321482

Ion Ratio Lower Upper

56 100

55 69.0 56.6 84.8



#14

Allyl chloride

Concen: 48.687 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

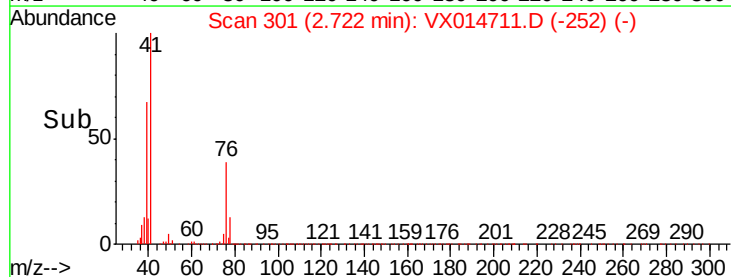
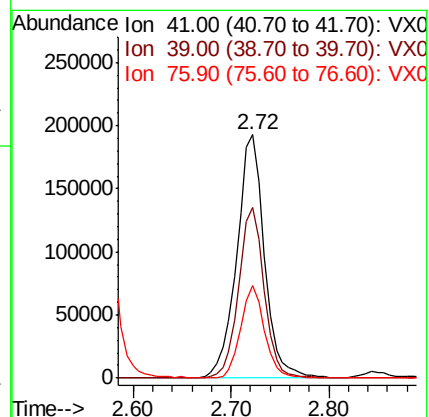
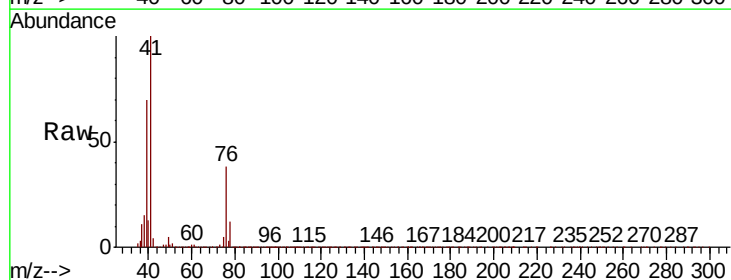
Tgt Ion: 41 Resp: 376334

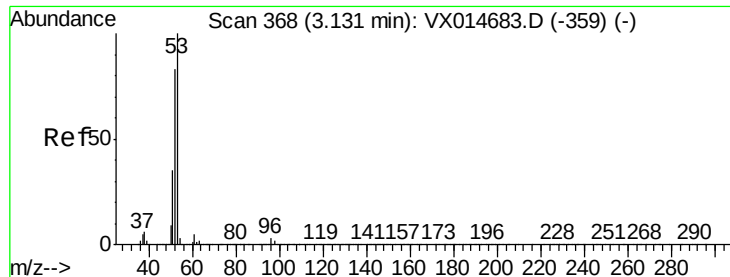
Ion Ratio Lower Upper

41 100

39 64.9 52.0 78.0

76 32.8 26.0 39.0

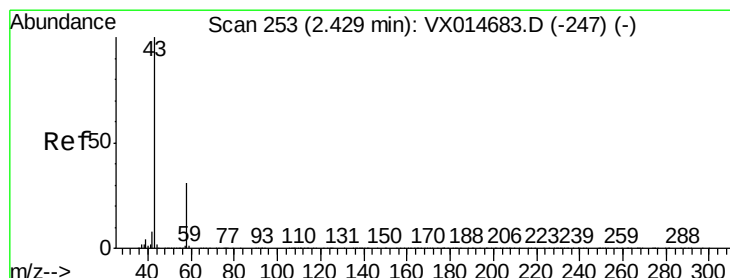
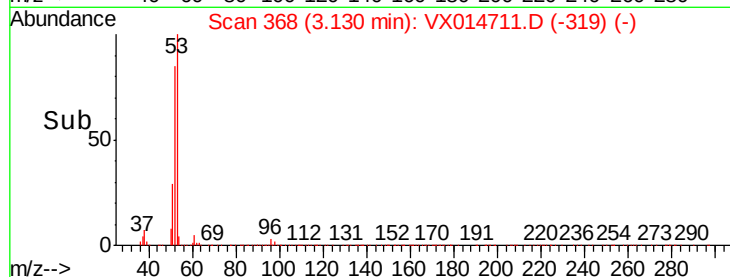
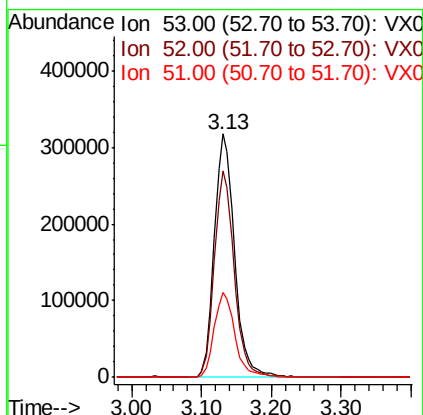
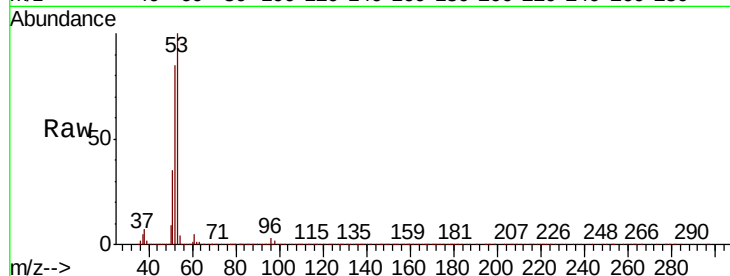




#15  
 Acrylonitrile  
 Concen: 244.356 ug/l  
 RT: 3.13 min Scan# 368  
 Delta R.T. -0.00 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

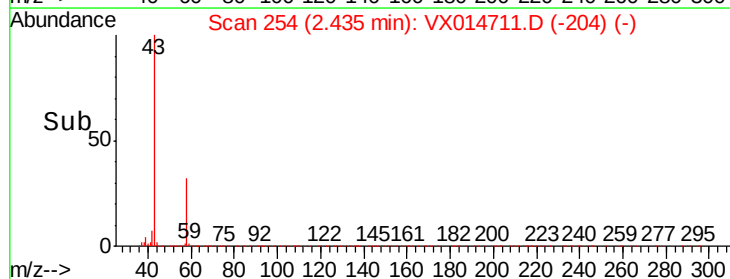
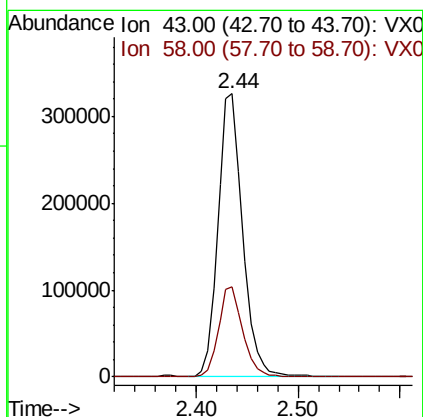
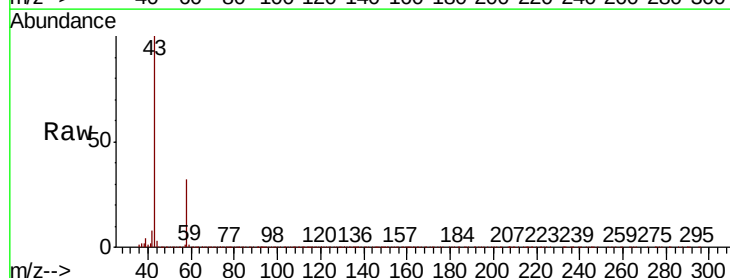
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

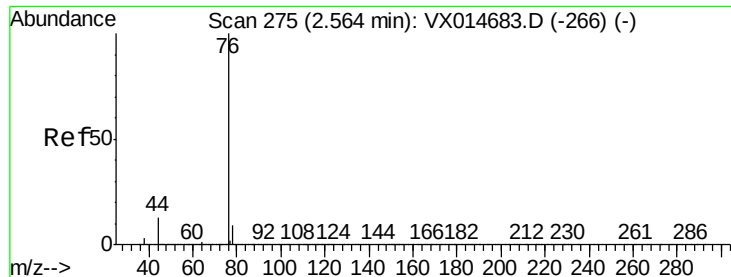
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 82.5  | 66.4  | 99.6  |
| 51      | 35.7  | 28.7  | 43.1  |



#16  
 Acetone  
 Concen: 196.962 ug/l  
 RT: 2.44 min Scan# 254  
 Delta R.T. 0.01 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 31.7  | 24.5  | 36.7  |





#17

Carbon Disulfide

Concen: 47.248 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

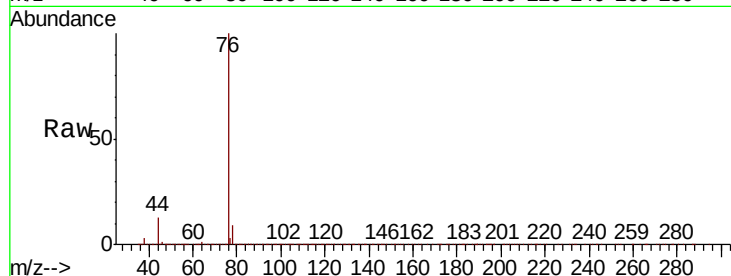
VSTDCCC050EC

Tot Ion: 76 Resp: 555320

Ion Ratio Lower Upper

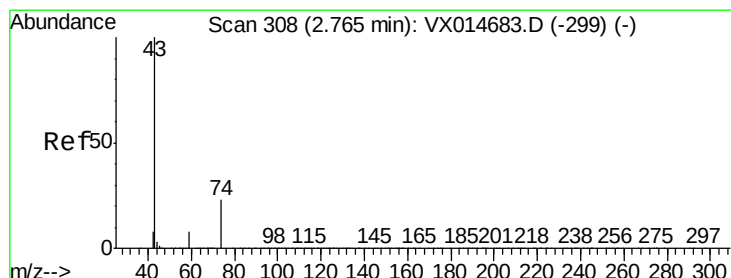
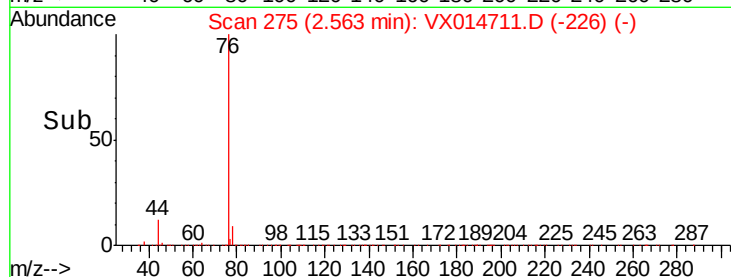
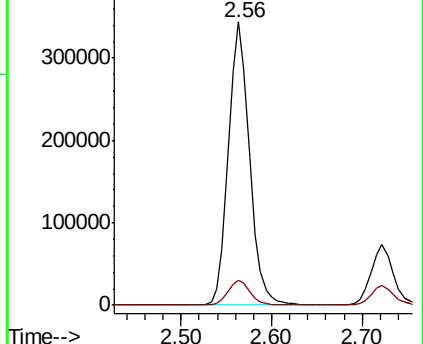
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.747 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX014711.D

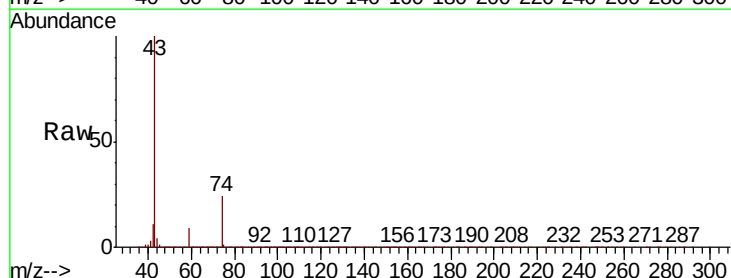
Acq: 24 Jan 2020 20:49

Tgt Ion: 43 Resp: 401045

Ion Ratio Lower Upper

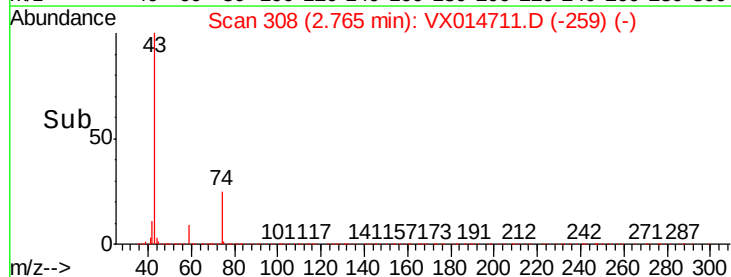
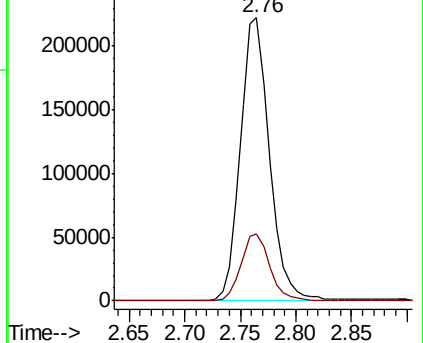
43 100

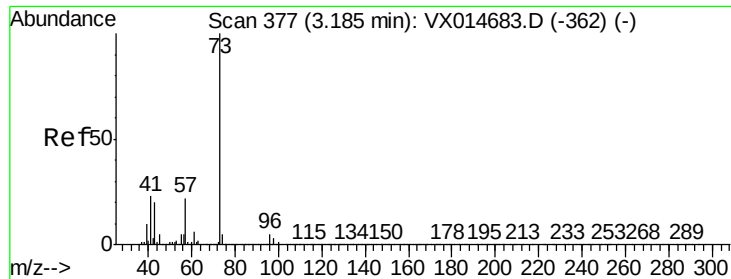
74 23.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

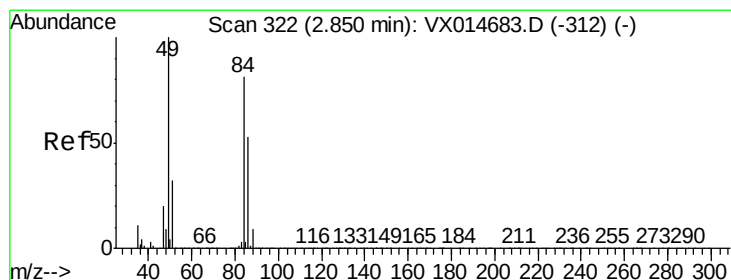
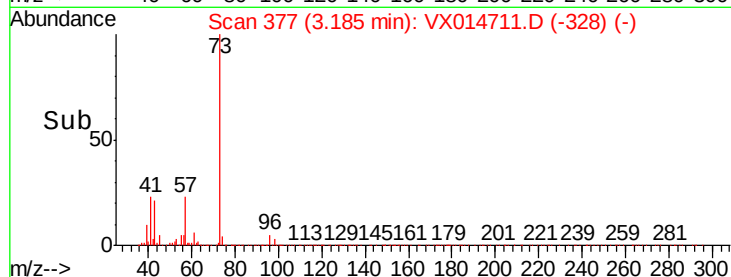
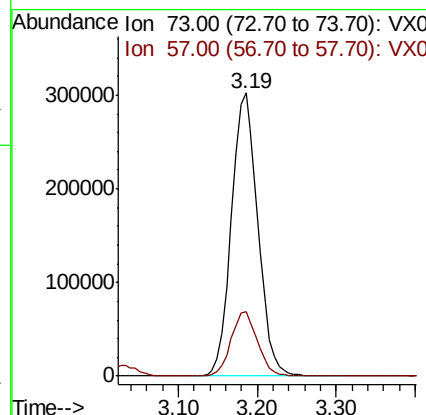
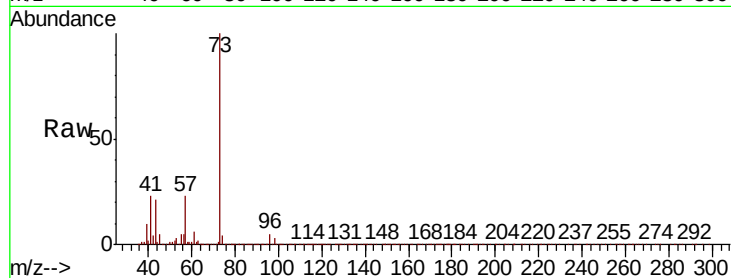




#19  
Methyl tert-butyl Ether  
Concen: 49.893 ug/l  
RT: 3.19 min Scan# 377  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

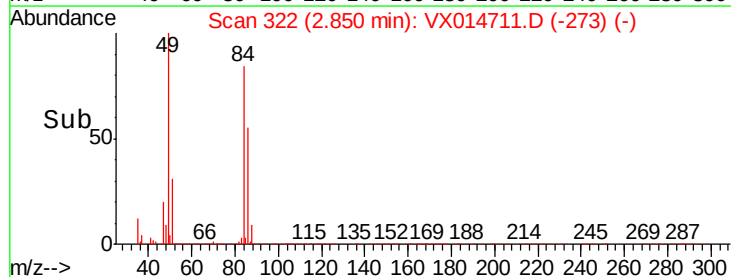
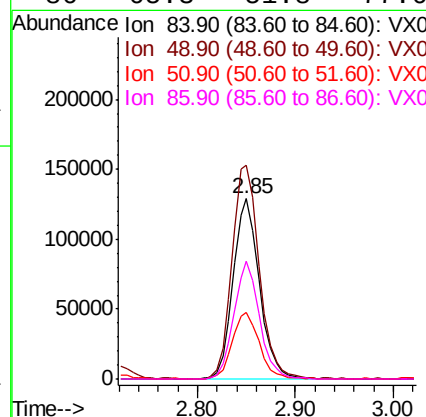
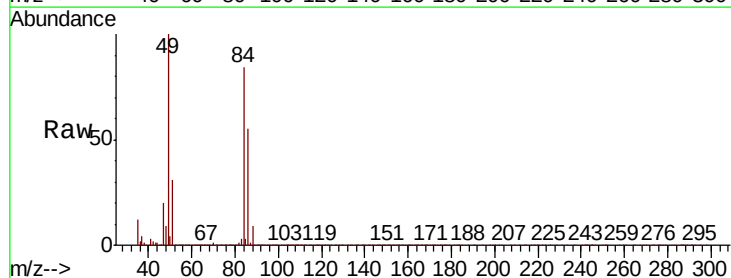
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

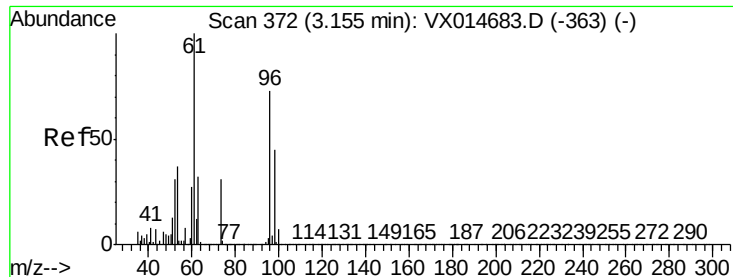
Tot Ion: 73 Resp: 702763  
Ion Ratio Lower Upper  
73 100  
57 22.7 18.0 27.0



#20  
Methylene Chloride  
Concen: 46.791 ug/l  
RT: 2.85 min Scan# 322  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Tgt Ion: 84 Resp: 239718  
Ion Ratio Lower Upper  
84 100  
49 118.5 98.2 147.4  
51 37.1 31.3 46.9  
86 65.3 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 47.419 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

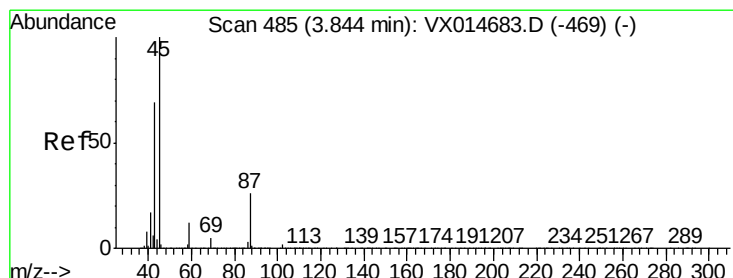
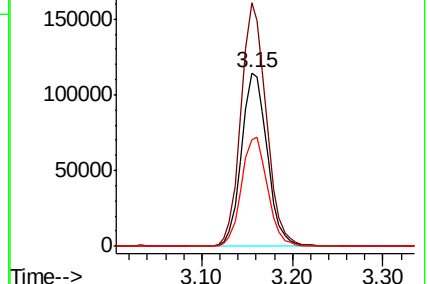
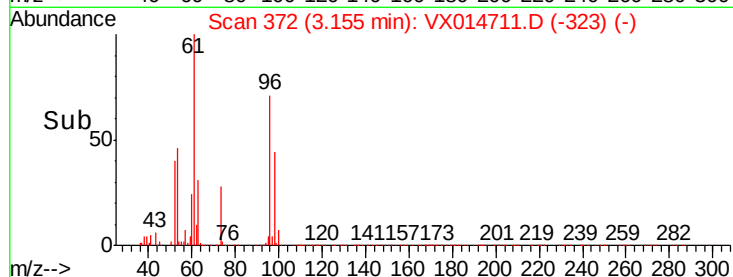
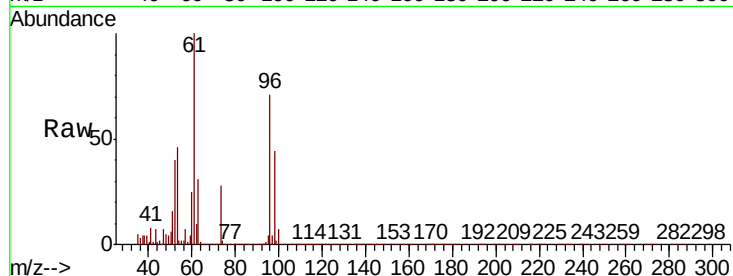
Tot Ion: 96 Resp: 224528

Ion Ratio Lower Upper

96 100

61 140.1 109.8 164.6

98 61.1 49.6 74.4



#22

Diisopropyl ether

Concen: 49.877 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Tgt Ion: 45 Resp: 767026

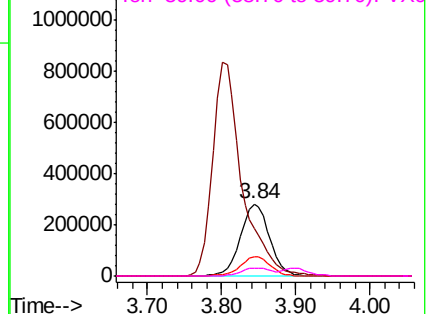
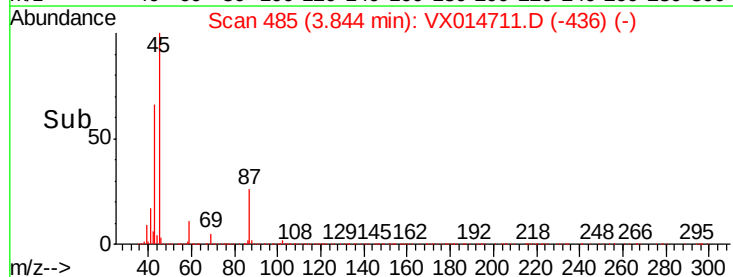
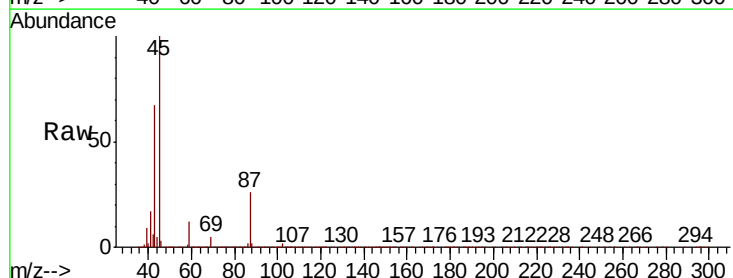
Ion Ratio Lower Upper

45 100

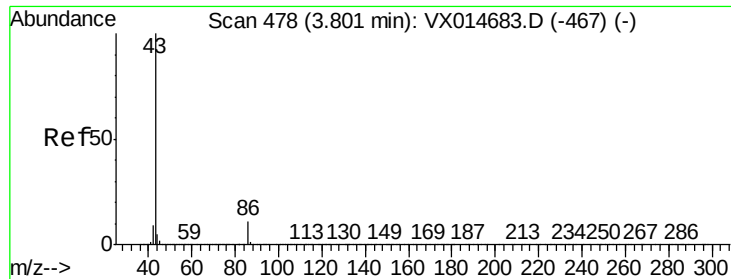
43 66.1 55.1 82.7

87 26.3 20.7 31.1

59 11.4 9.2 13.8







#23

Vinyl Acetate

Concen: 194.522 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

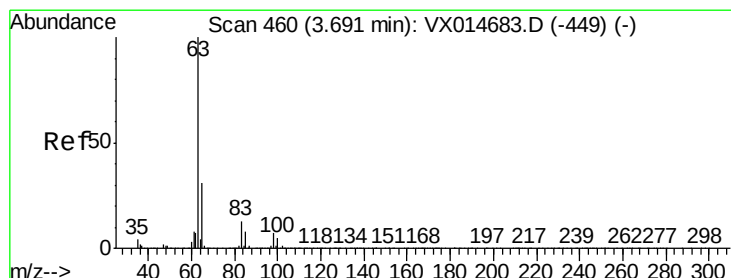
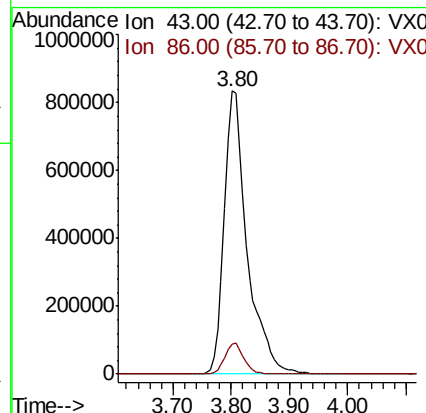
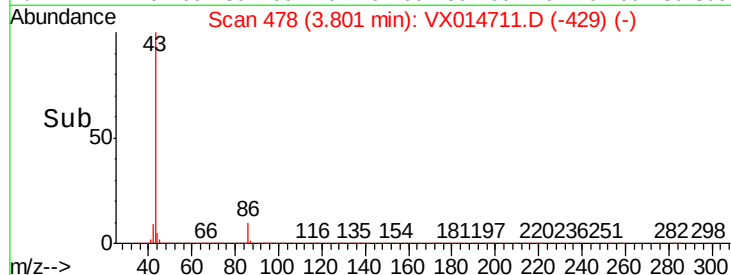
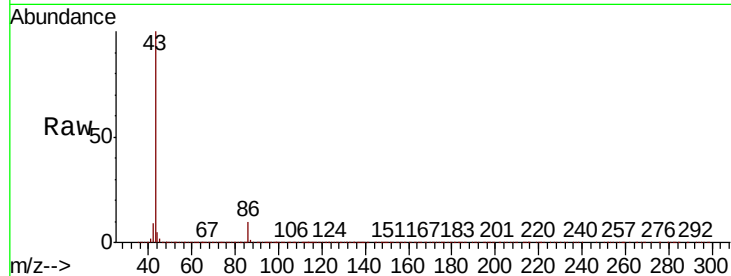
VSTDCCC050EC

Tot Ion: 43 Resp: 2280358

Ion Ratio Lower Upper

43 100

86 10.4 8.4 12.6



#24

1,1-Dichloroethane

Concen: 49.791 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

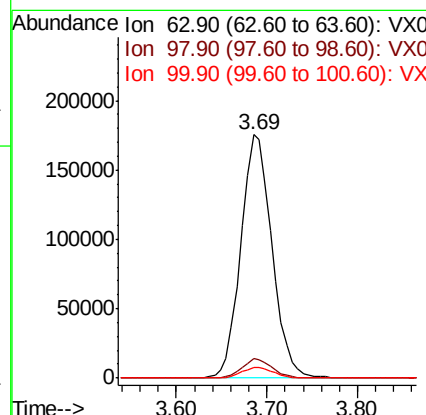
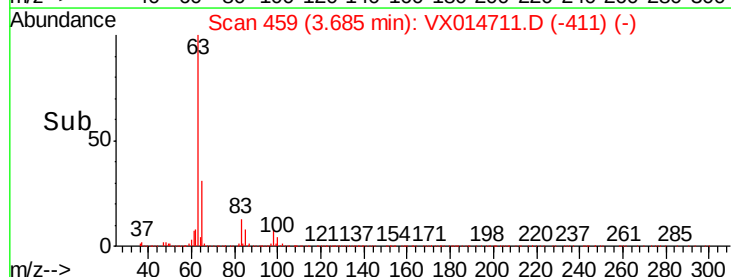
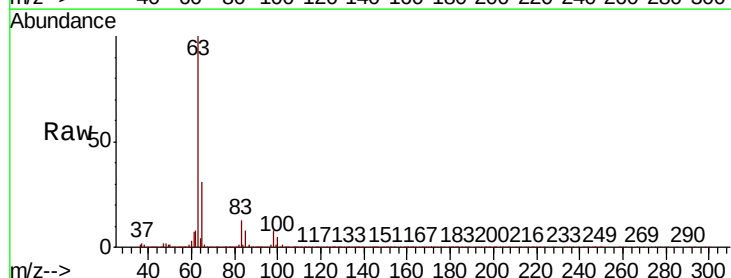
Tgt Ion: 63 Resp: 415833

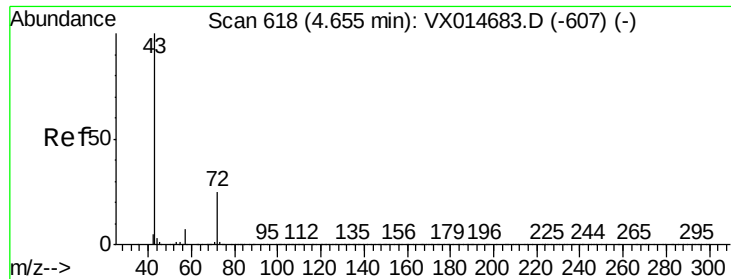
Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.8

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 223.778 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

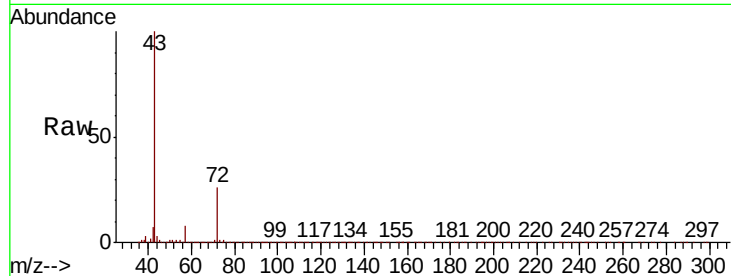
VSTDCCC050EC

Tot Ion: 43 Resp: 887678

Ion Ratio Lower Upper

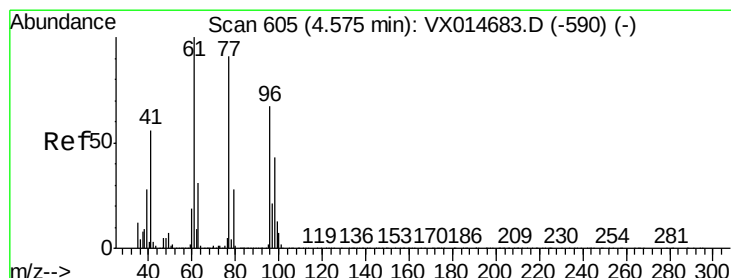
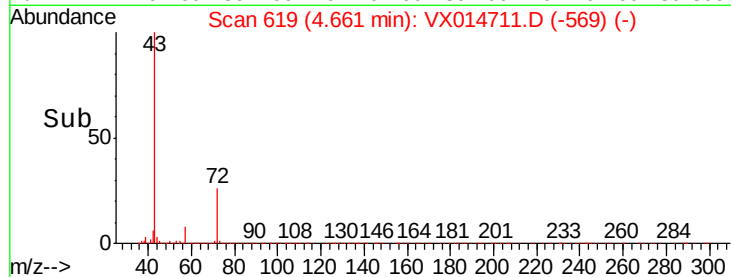
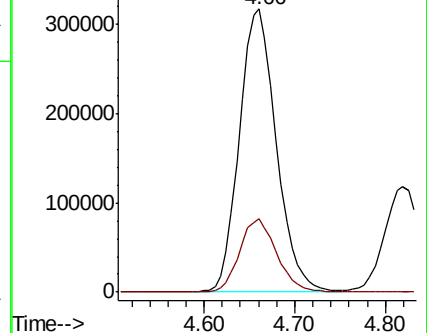
43 100

72 26.0 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.552 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014711.D

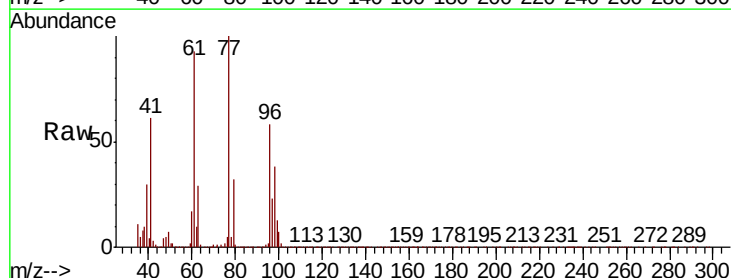
Acq: 24 Jan 2020 20:49

Tgt Ion: 77 Resp: 304505

Ion Ratio Lower Upper

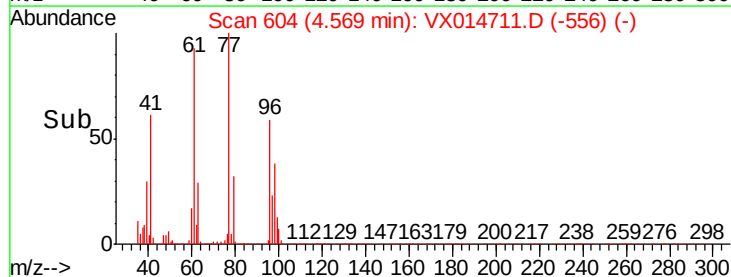
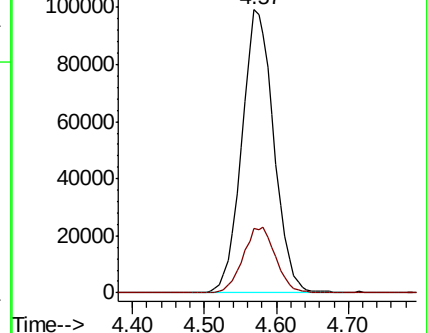
77 100

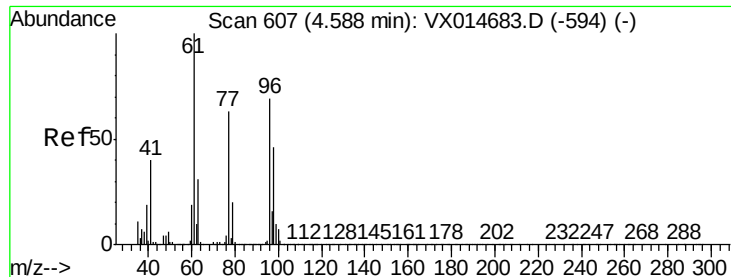
97 23.8 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



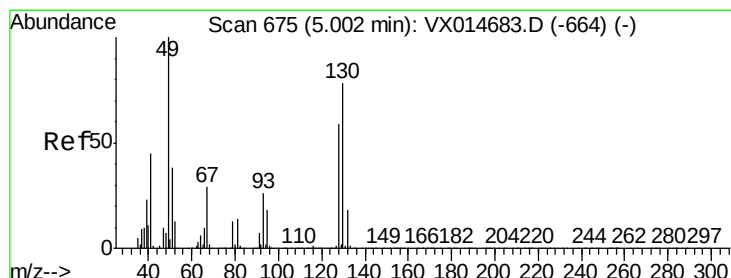
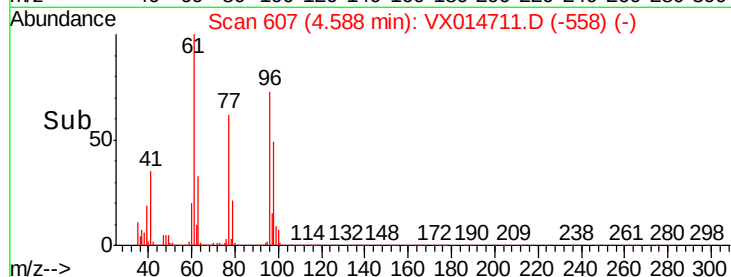
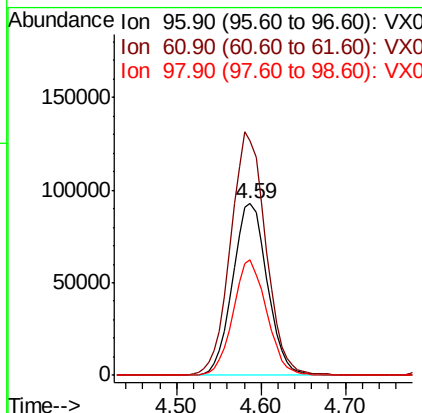
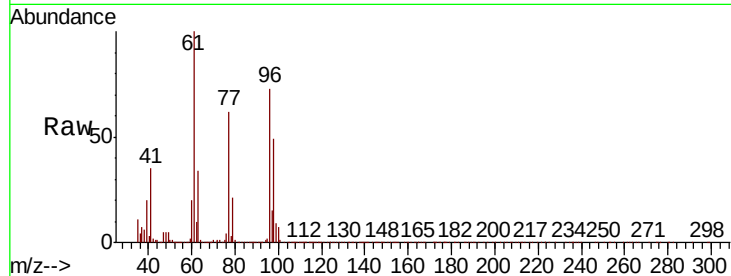


#27

cis-1,2-Dichloroethene  
Concen: 48.643 ug/l  
RT: 4.59 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

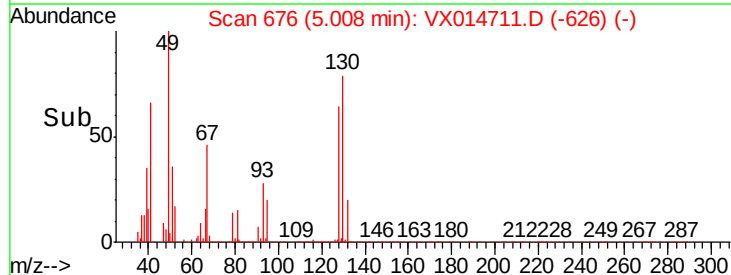
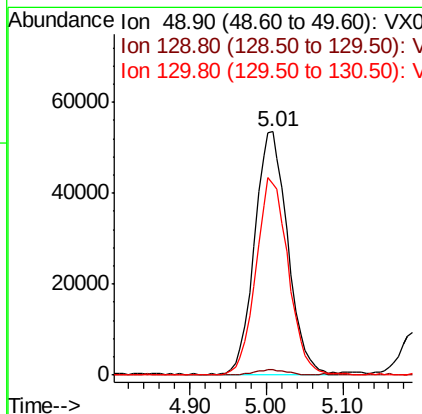
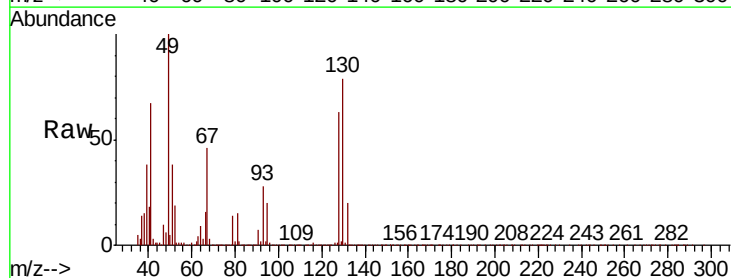
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 143.8 | 0.0   | 291.0 |
| 98      | 65.2  | 0.0   | 129.8 |

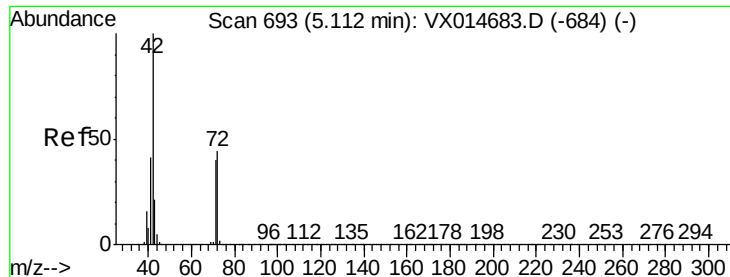


#28

Bromochloromethane  
Concen: 44.237 ug/l  
RT: 5.01 min Scan# 676  
Delta R.T. 0.01 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.3   | 0.0   | 4.8   |
| 130     | 78.4  | 62.4  | 93.6  |





#29

Tetrahydrofuran

Concen: 246.055 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

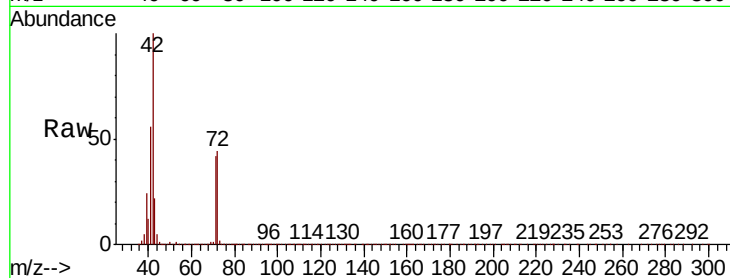
Tot Ion: 42 Resp: 579302

Ion Ratio Lower Upper

42 100

72 44.7 35.3 52.9

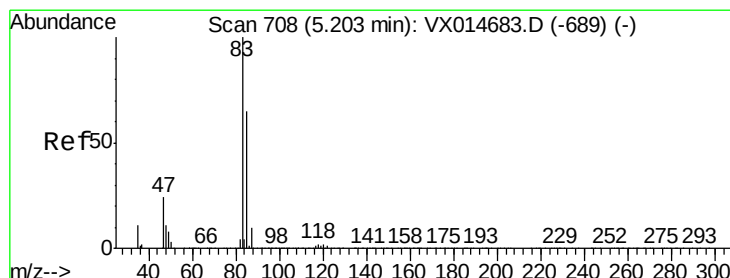
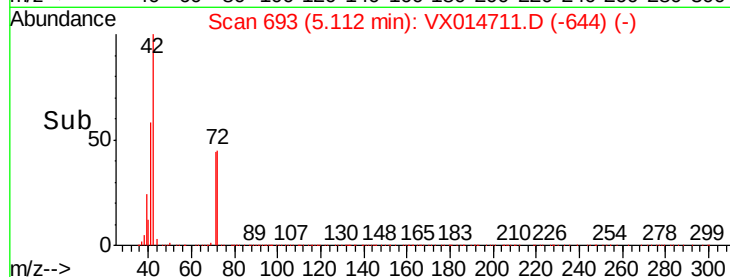
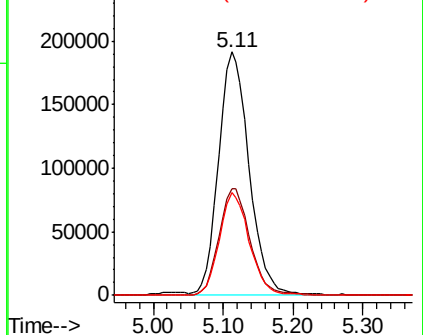
71 41.6 33.1 49.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.719 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX014711.D

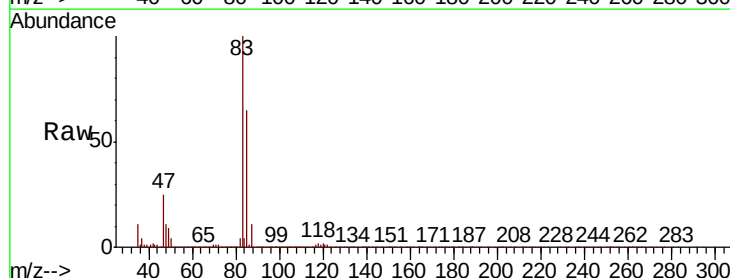
Acq: 24 Jan 2020 20:49

Tgt Ion: 83 Resp: 403068

Ion Ratio Lower Upper

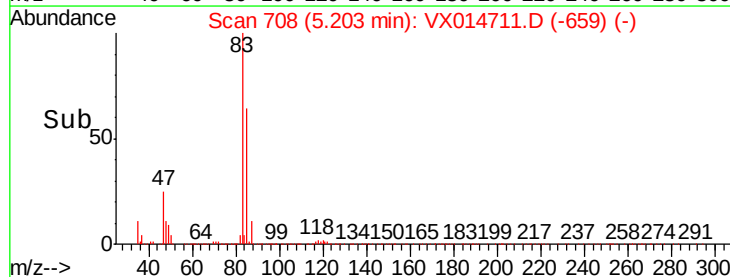
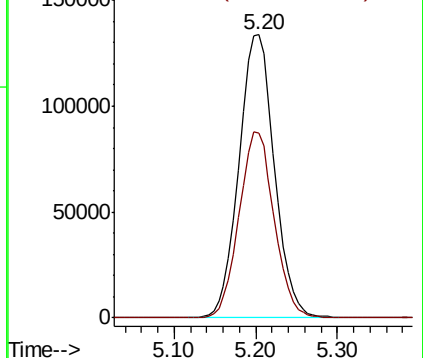
83 100

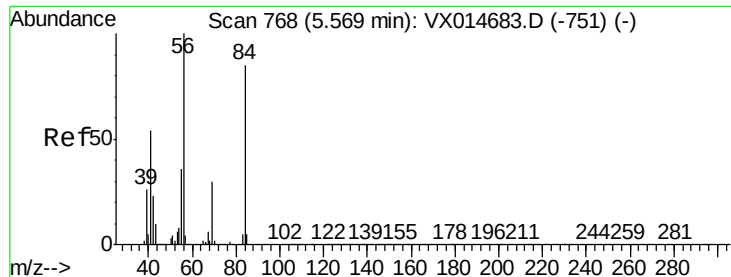
85 65.5 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

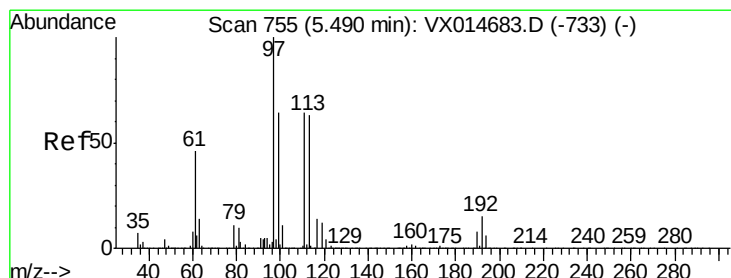
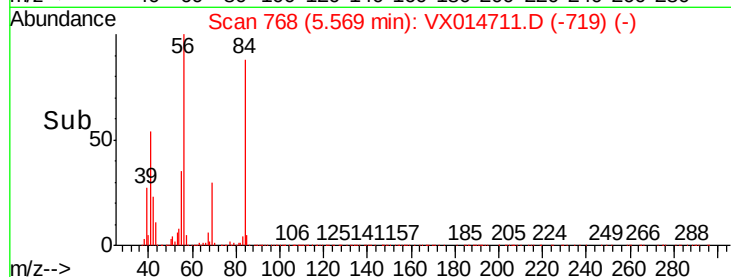
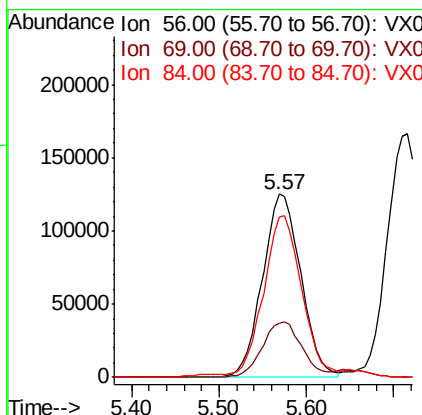
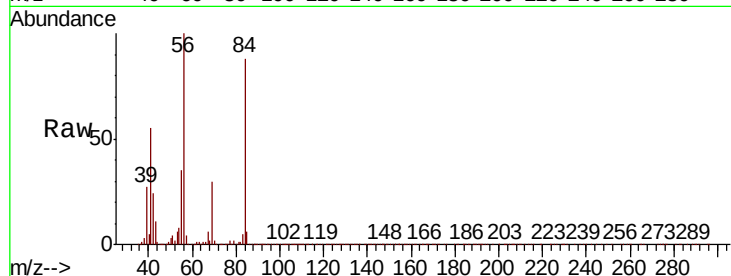




#31  
Cyclohexane  
Concen: 48.655 ug/l  
RT: 5.57 min Scan# 768  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

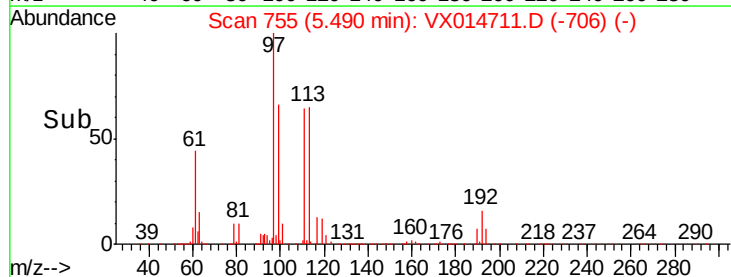
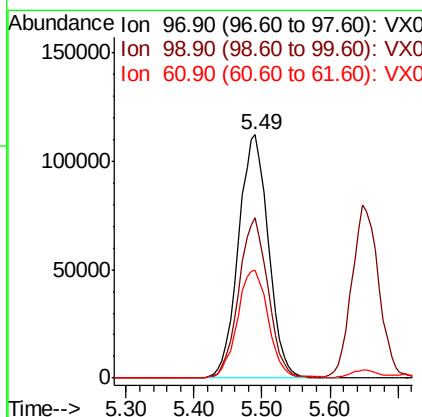
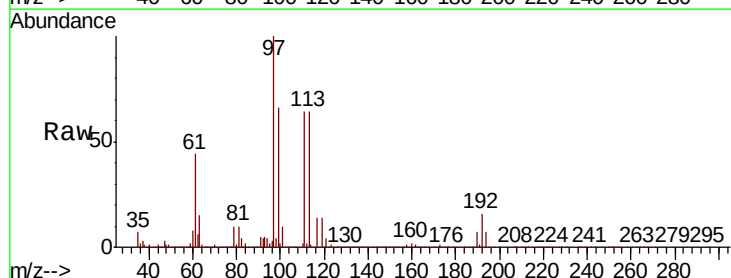
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

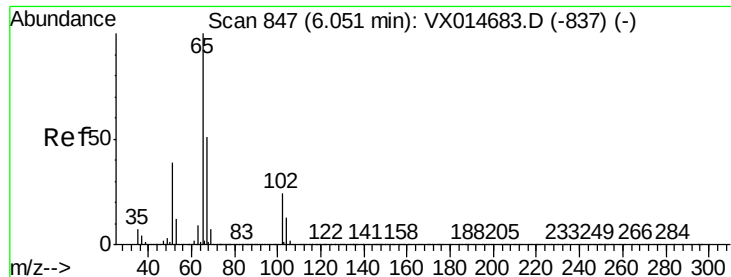
Tot Ion: 56 Resp: 382195  
Ion Ratio Lower Upper  
56 100  
69 29.4 23.4 35.2  
84 87.1 68.4 102.6



#32  
1,1,1-Trichloroethane  
Concen: 48.982 ug/l  
RT: 5.49 min Scan# 755  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Tgt Ion: 97 Resp: 342537  
Ion Ratio Lower Upper  
97 100  
99 64.3 52.3 78.5  
61 44.9 37.2 55.8

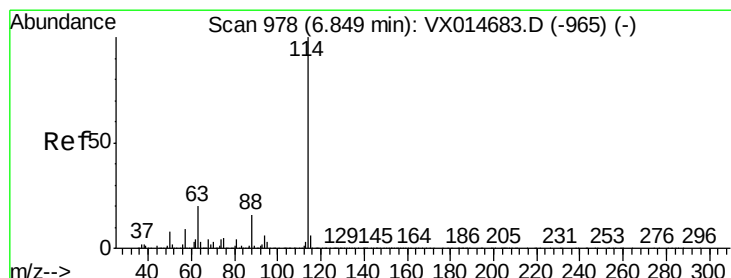
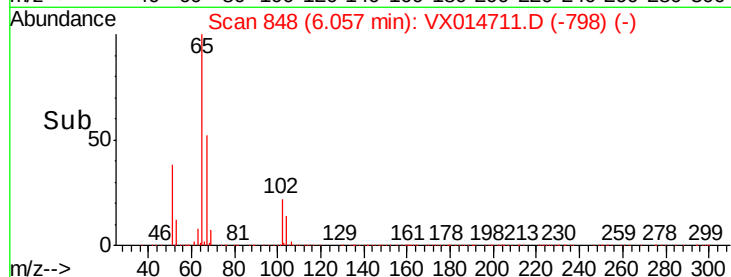
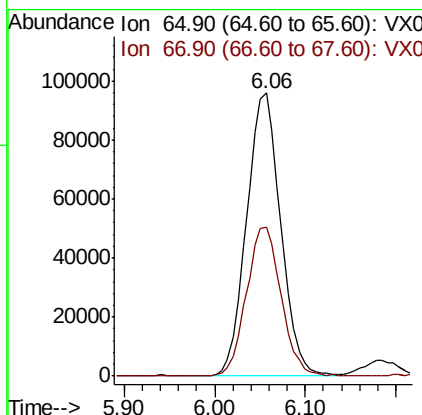
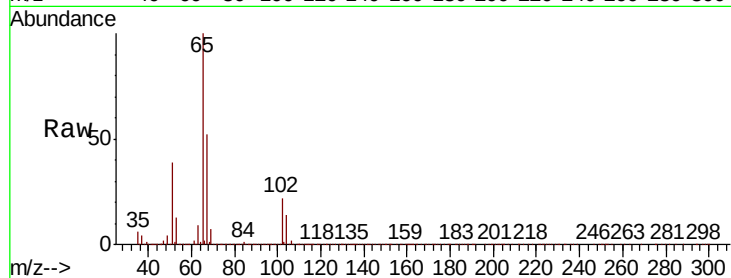




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.400 ug/l  
 RT: 6.06 min Scan# 848  
 Delta R.T. 0.01 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

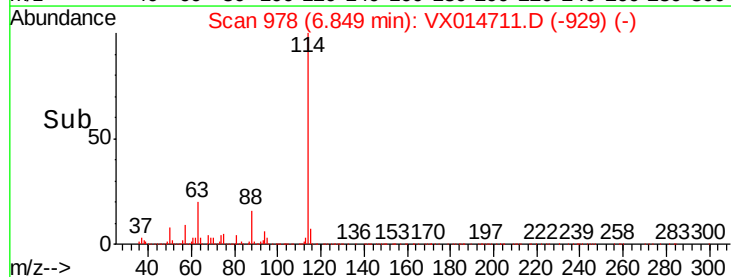
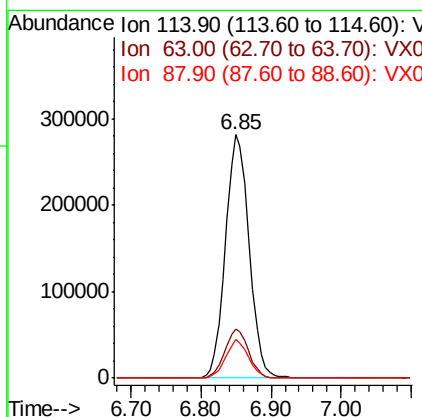
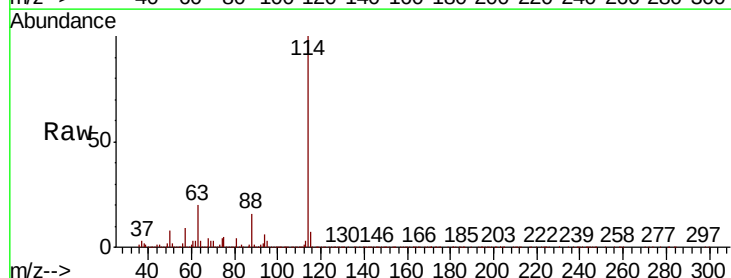
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

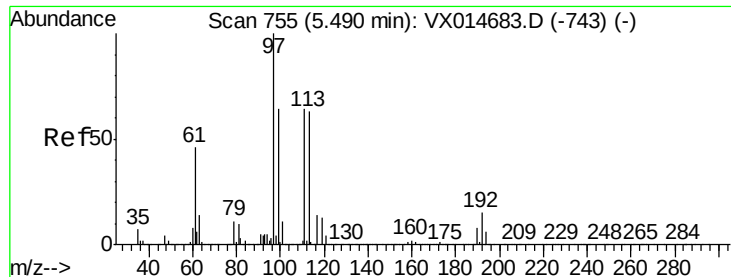
Tot Ion: 65 Resp: 249553  
 Ion Ratio Lower Upper  
 65 100  
 67 52.9 0.0 107.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. -0.00 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

Tgt Ion: 114 Resp: 659652  
 Ion Ratio Lower Upper  
 114 100  
 63 19.8 0.0 40.6  
 88 16.1 0.0 31.2

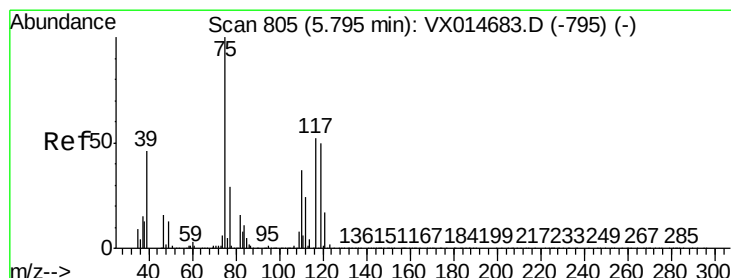
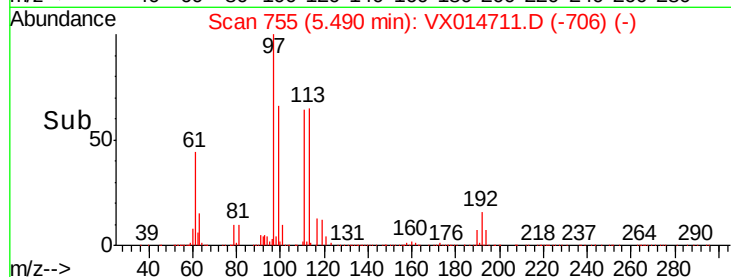
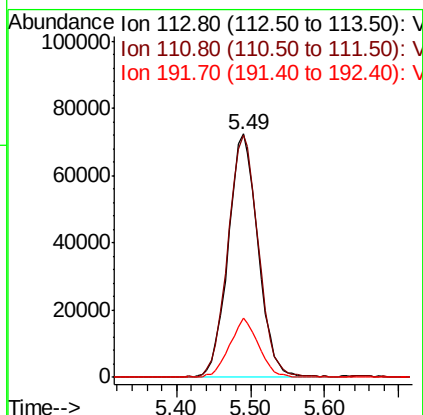
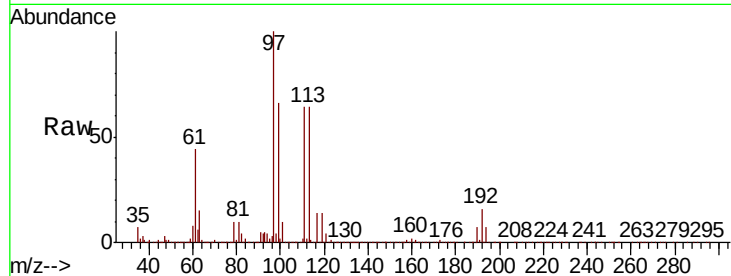




#35  
 Dibromofluoromethane  
 Concen: 48.864 ug/l  
 RT: 5.49 min Scan# 755  
 Delta R.T. -0.00 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

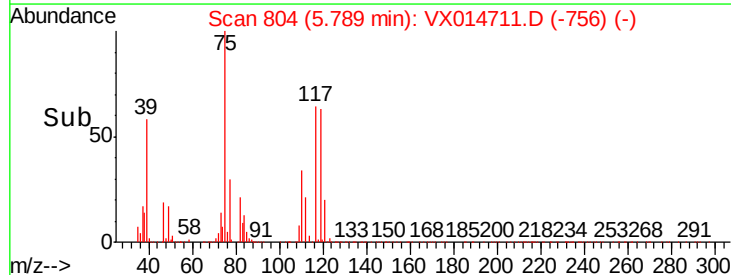
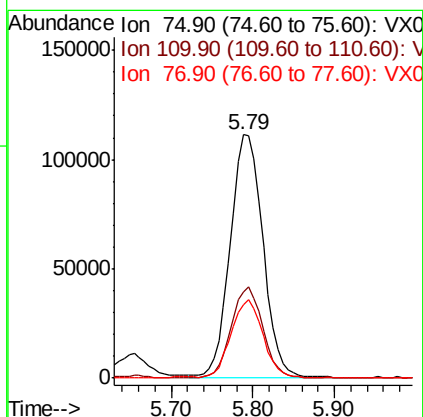
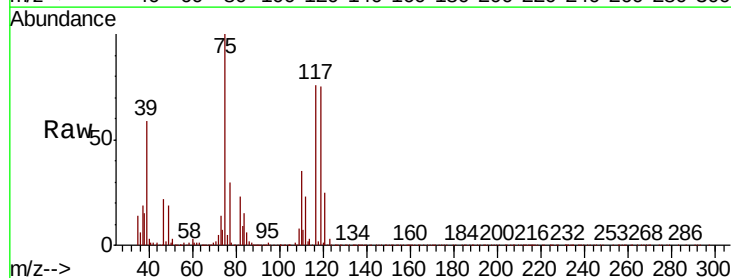
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

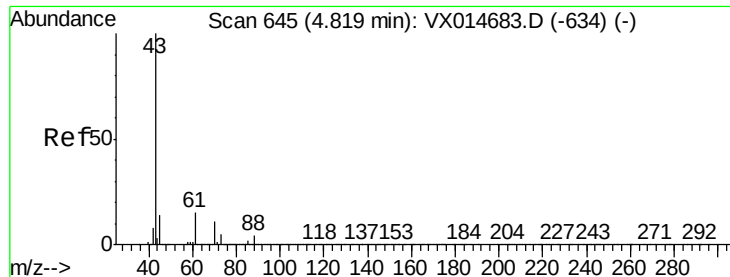
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 100.9 | 80.7  | 121.1 |
| 192     | 23.5  | 18.5  | 27.7  |



#36  
 1,1-Dichloropropene  
 Concen: 50.180 ug/l  
 RT: 5.79 min Scan# 804  
 Delta R.T. -0.01 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.2  | 17.9  | 53.7  |
| 77      | 30.8  | 24.1  | 36.1  |

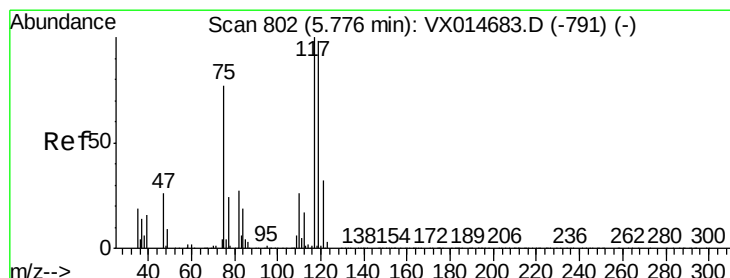
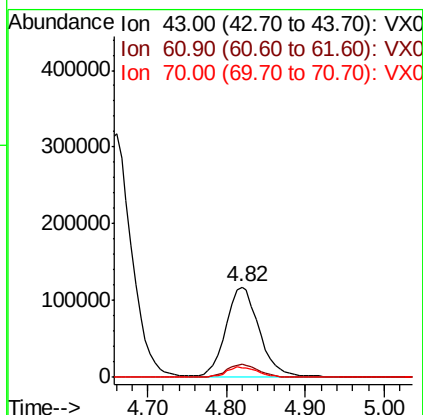
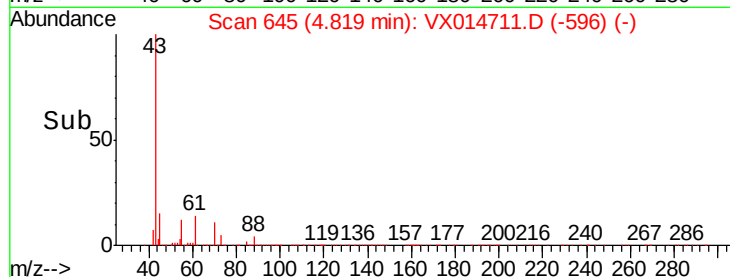
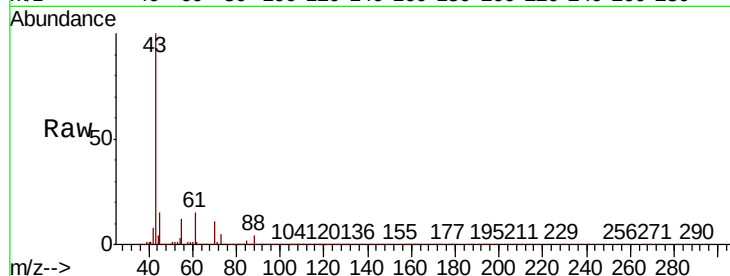




#37  
Ethyl Acetate  
Concen: 48.600 ug/l  
RT: 4.82 min Scan# 645  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

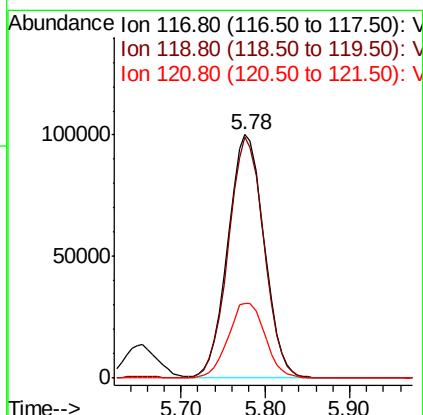
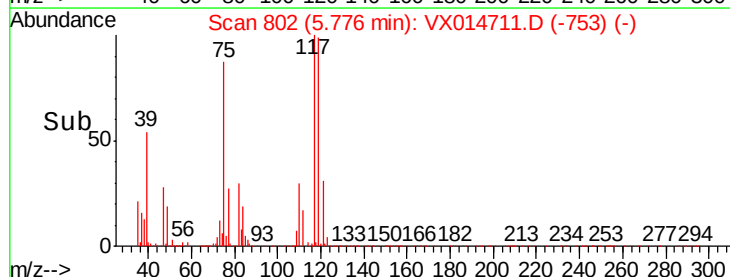
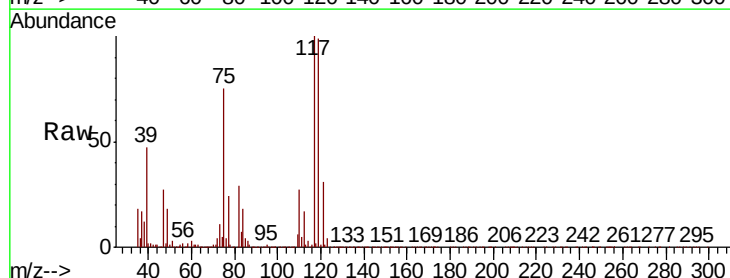
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 341188  
Ion Ratio Lower Upper  
43 100  
61 14.2 11.0 16.4  
70 11.3 8.5 12.7

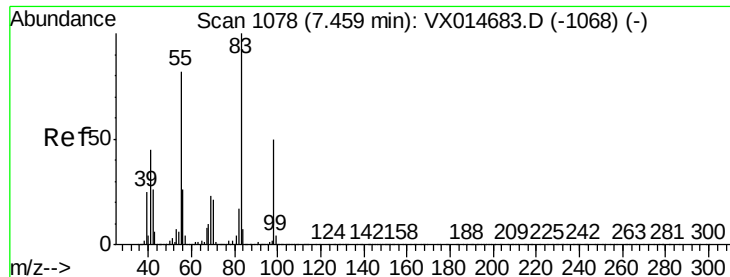


#38  
Carbon Tetrachloride  
Concen: 49.865 ug/l  
RT: 5.78 min Scan# 802  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Tgt Ion: 117 Resp: 291903  
Ion Ratio Lower Upper  
117 100  
119 98.8 77.9 116.9  
121 31.0 25.4 38.2



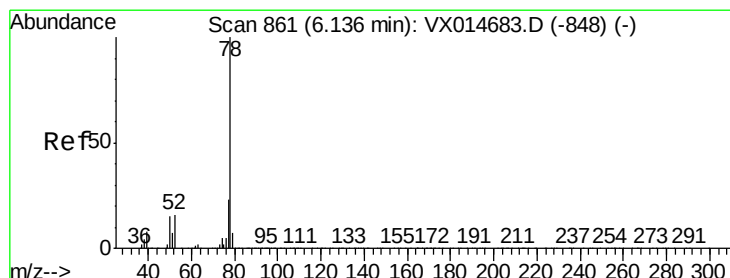
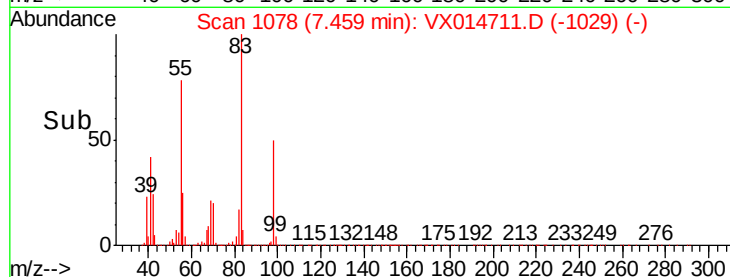
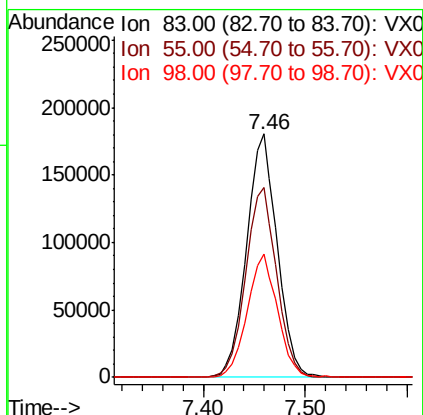
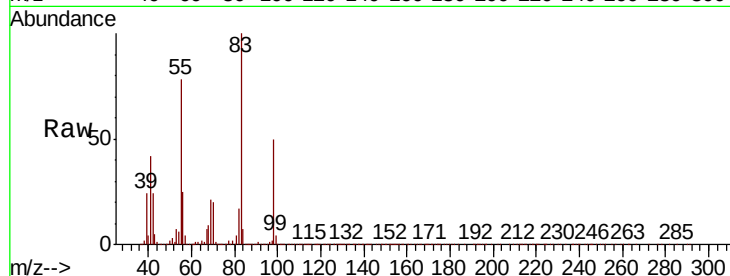




#39  
Methylvlcyclohexane  
Concen: 49.013 ug/l  
RT: 7.46 min Scan# 1078  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

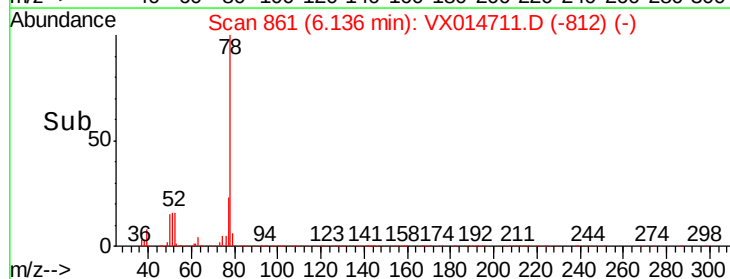
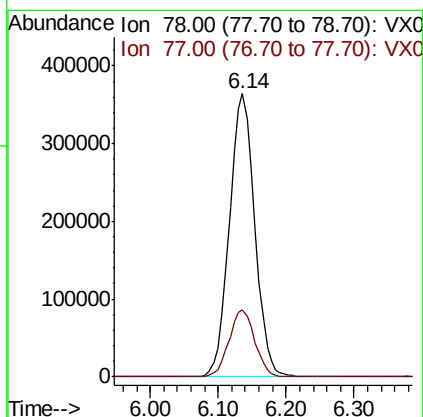
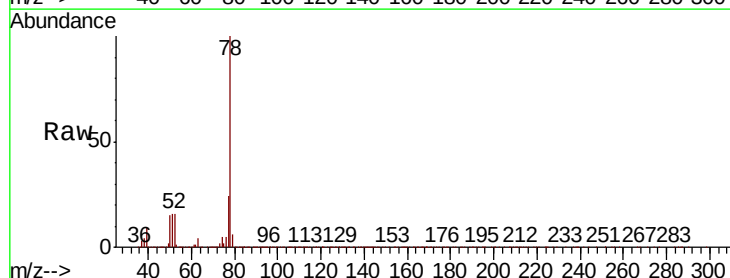
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

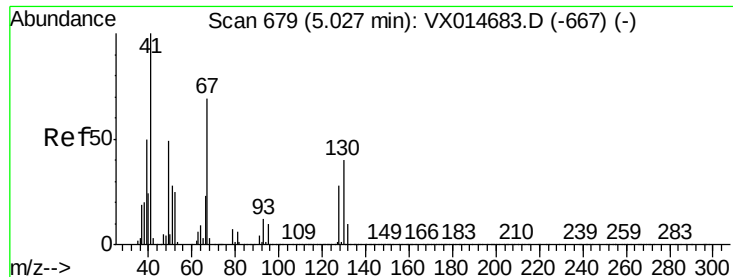
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 77.9  | 65.6  | 98.4  |
| 98      | 50.3  | 40.2  | 60.4  |



#40  
Benzene  
Concen: 49.561 ug/l  
RT: 6.14 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.6  | 18.7  | 28.1  |





#41

Methacrylonitrile

Concen: 48.248 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 193275

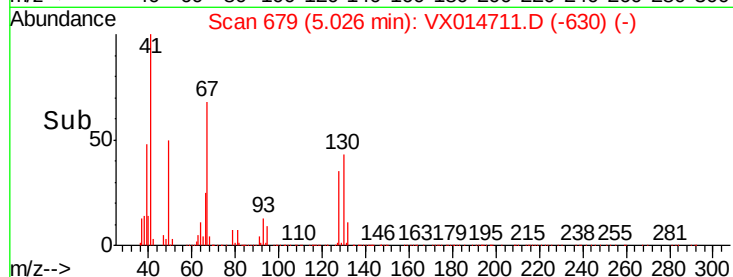
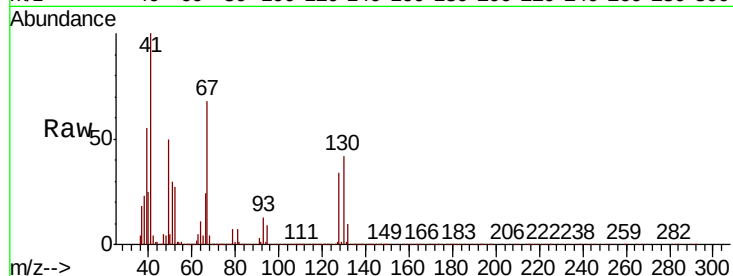
Ion Ratio Lower Upper

41 100

39 54.1 42.2 63.2

67 70.6 55.4 83.0

52 28.3 22.1 33.1

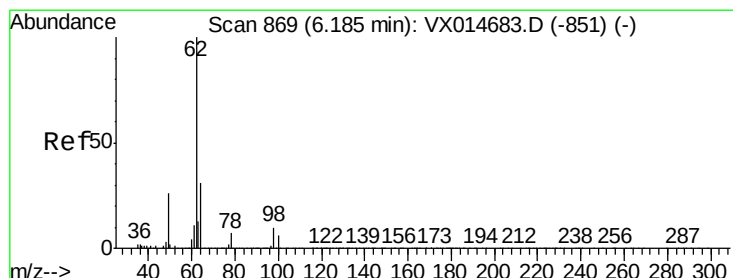
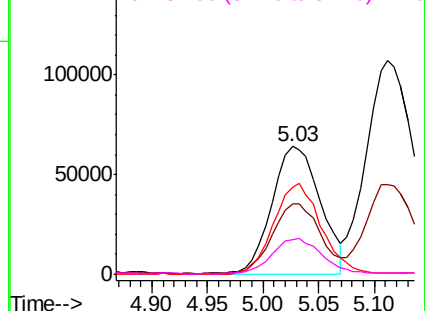


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.852 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX014711.D

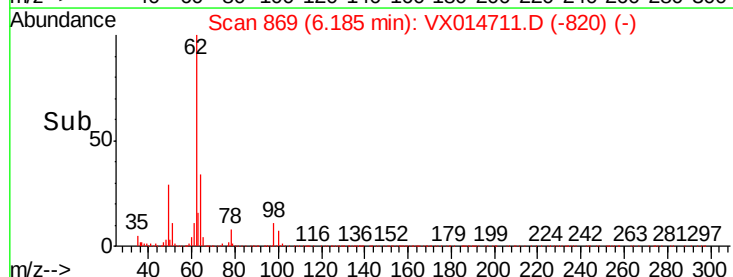
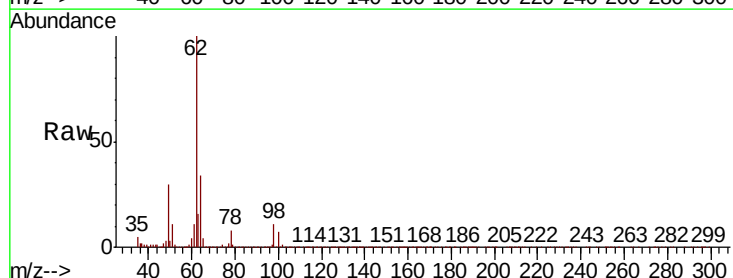
Acq: 24 Jan 2020 20:49

Tgt Ion: 62 Resp: 326036

Ion Ratio Lower Upper

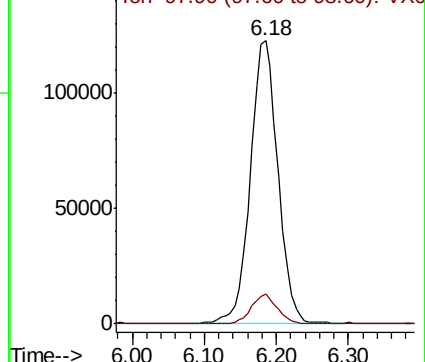
62 100

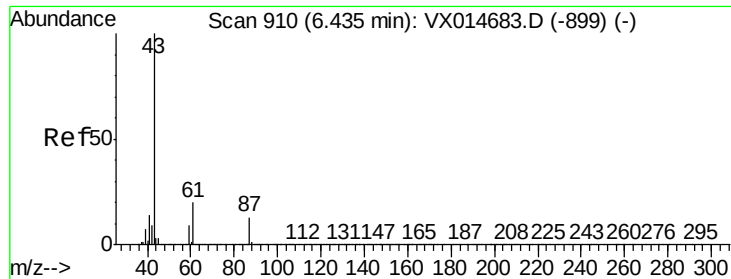
98 9.8 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.313 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

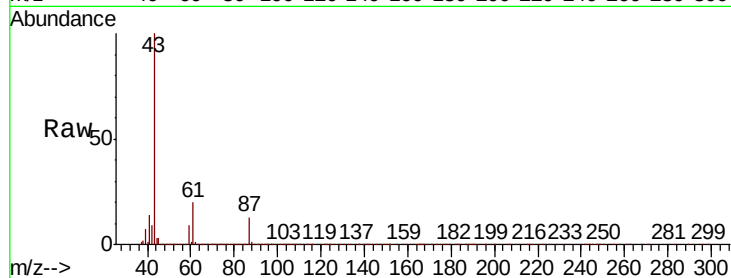
Tot Ion: 43 Resp: 566904

Ion Ratio Lower Upper

43 100

61 20.4 16.2 24.4

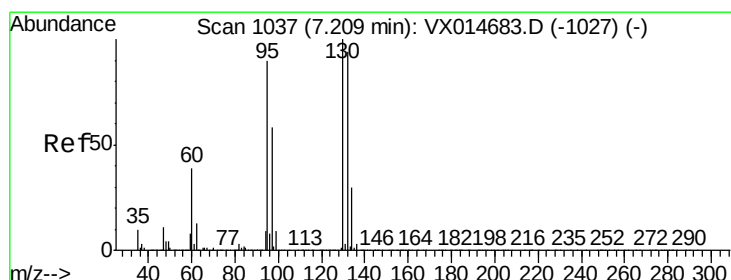
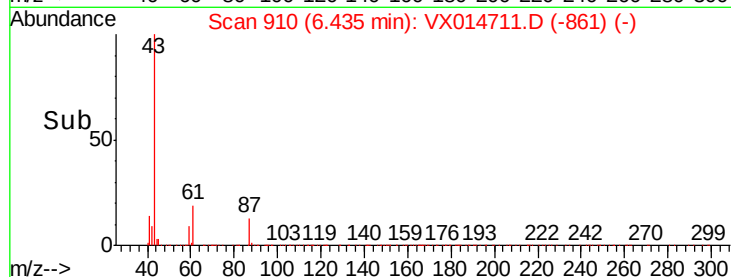
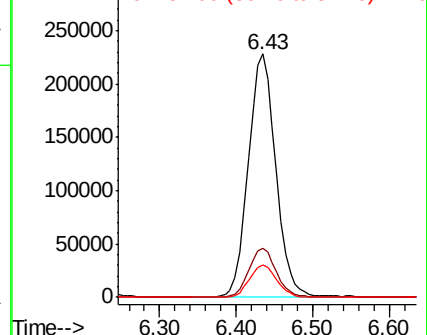
87 13.4 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.459 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX014711.D

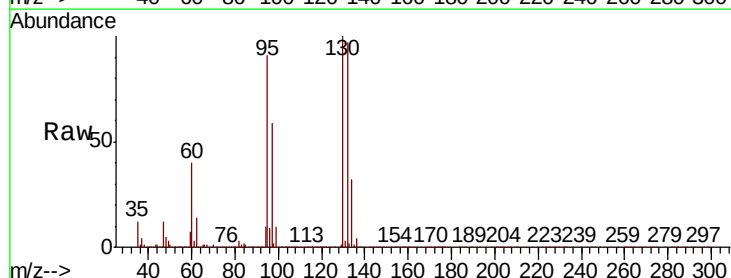
Acq: 24 Jan 2020 20:49

Tgt Ion:130 Resp: 269933

Ion Ratio Lower Upper

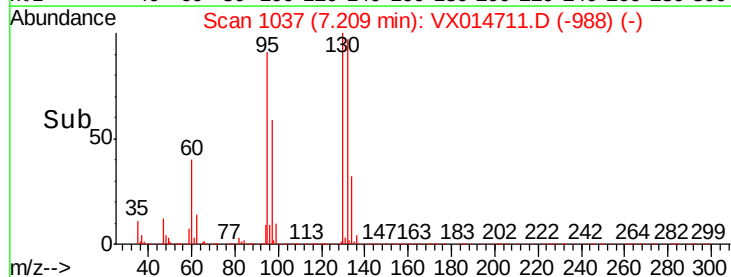
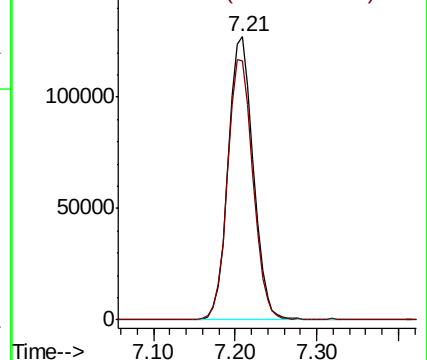
130 100

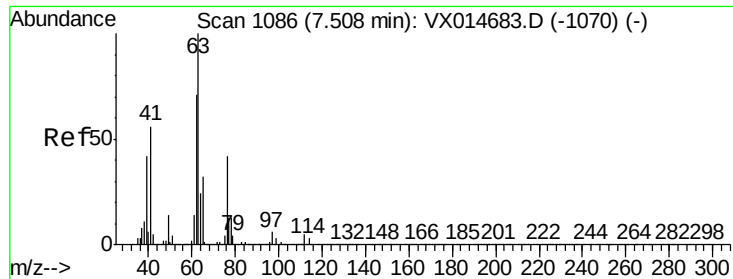
95 91.2 0.0 179.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

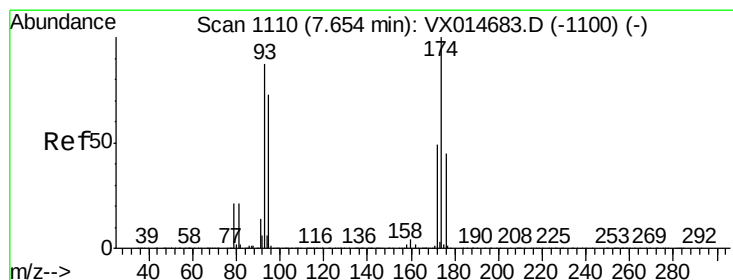
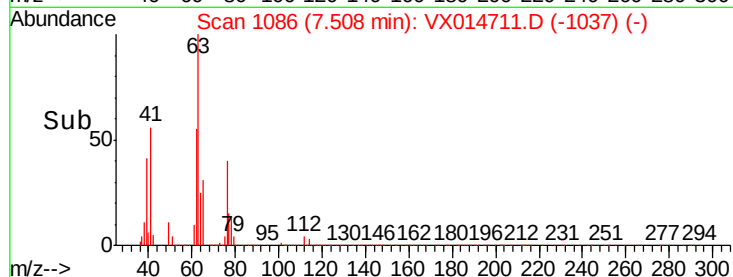
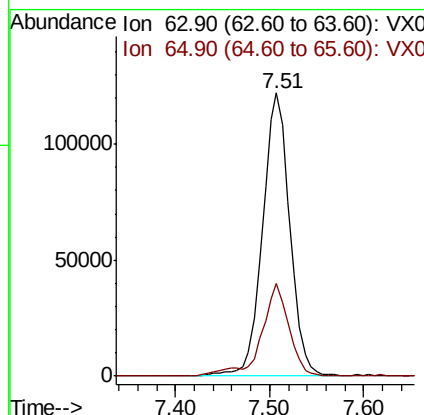
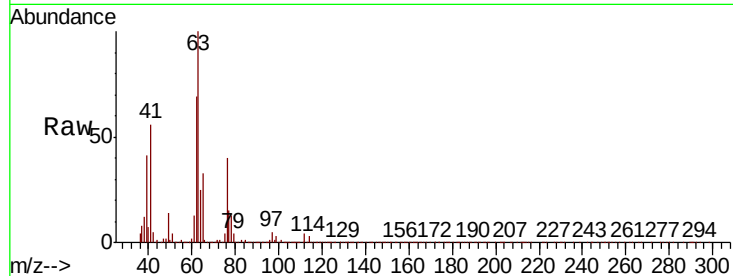




#45  
 1,2-Dichloropropane  
 Concen: 50.497 ug/l  
 RT: 7.51 min Scan# 1086  
 Delta R.T. -0.00 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

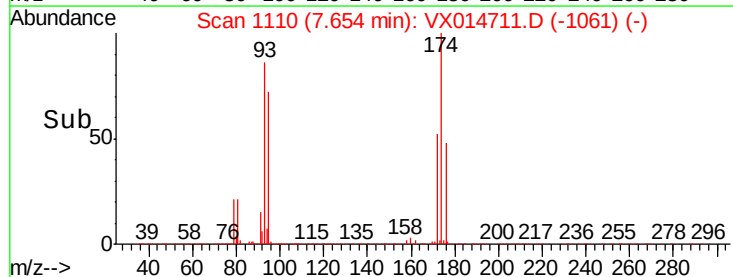
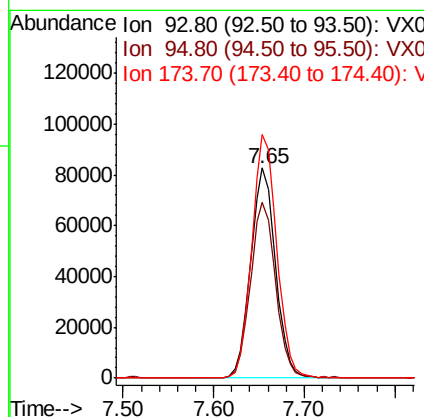
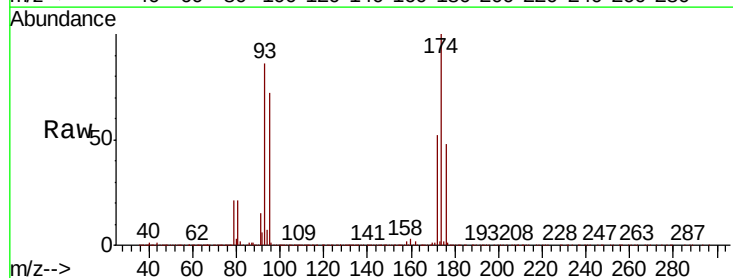
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

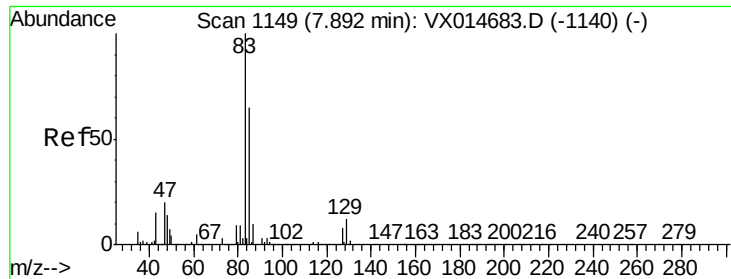
Tot Ion: 63 Resp: 246379  
 Ion Ratio Lower Upper  
 63 100  
 65 32.7 25.2 37.8



#46  
 Dibromomethane  
 Concen: 50.027 ug/l  
 RT: 7.65 min Scan# 1110  
 Delta R.T. -0.00 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

Tgt Ion: 93 Resp: 158083  
 Ion Ratio Lower Upper  
 93 100  
 95 84.2 67.0 100.4  
 174 116.1 90.2 135.2





#47

Bromodichloromethane

Concen: 50.608 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

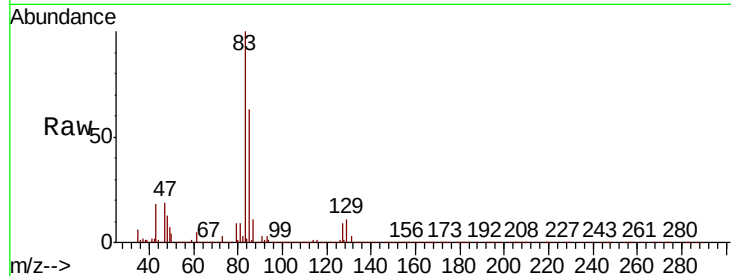
Tot Ion: 83 Resp: 313655

Ion Ratio Lower Upper

83 100

85 63.1 52.2 78.2

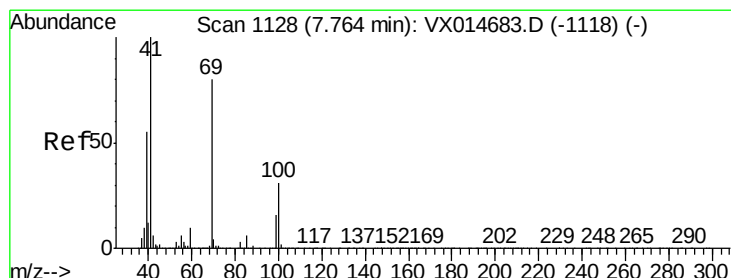
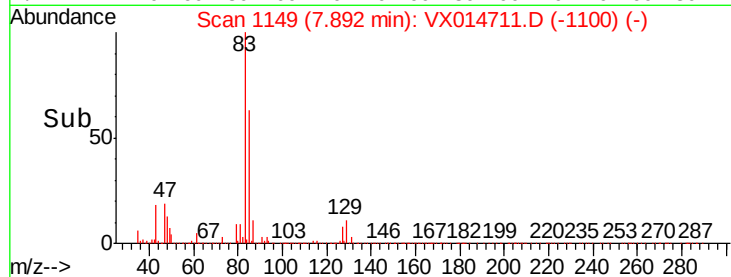
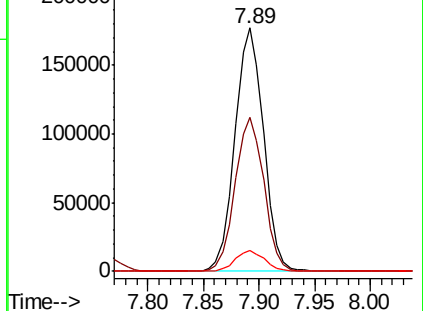
127 8.5 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.005 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

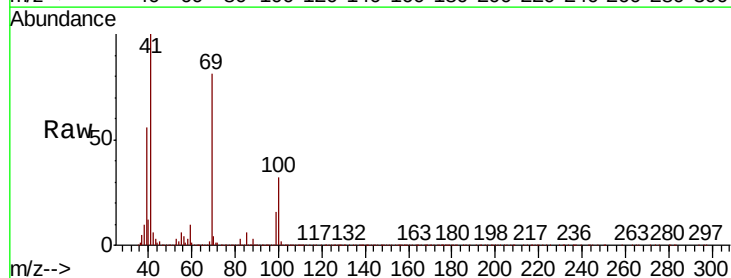
Tgt Ion: 41 Resp: 285649

Ion Ratio Lower Upper

41 100

69 79.9 63.5 95.3

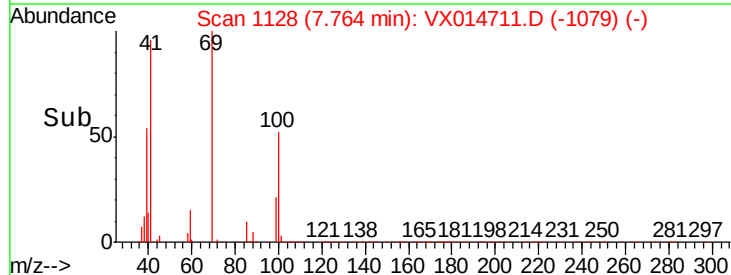
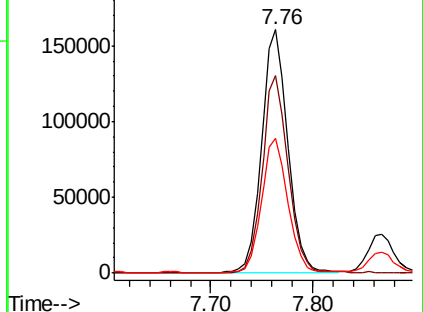
39 55.5 43.7 65.5

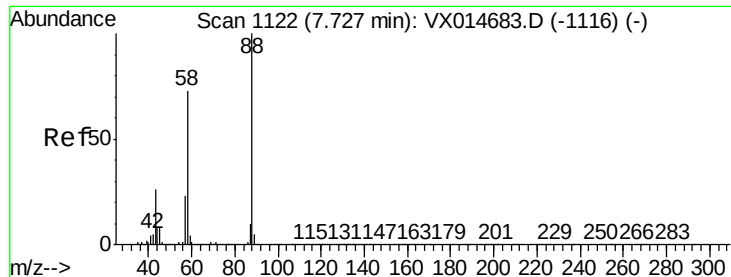


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 945.105 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

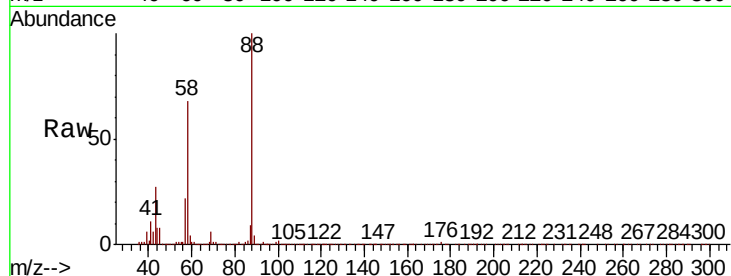
Tot Ion: 88 Resp: 110042

Ion Ratio Lower Upper

88 100

43 33.3 26.2 39.2

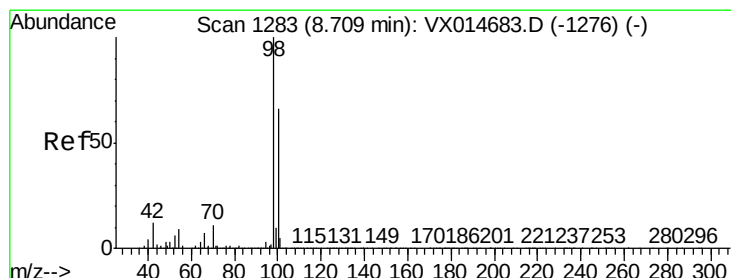
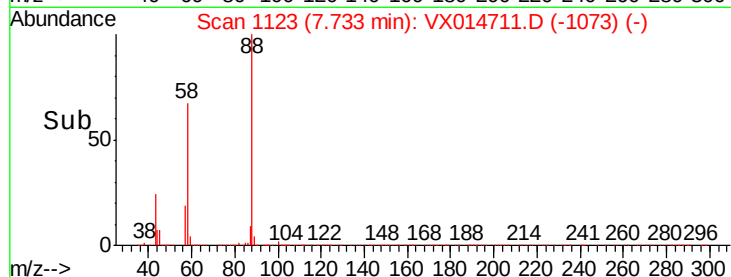
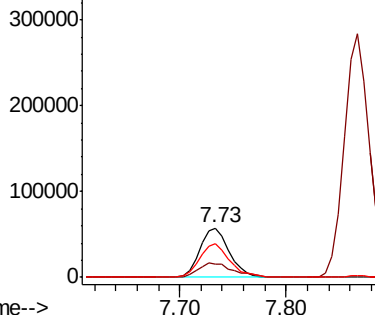
58 70.1 56.6 85.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.235 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014711.D

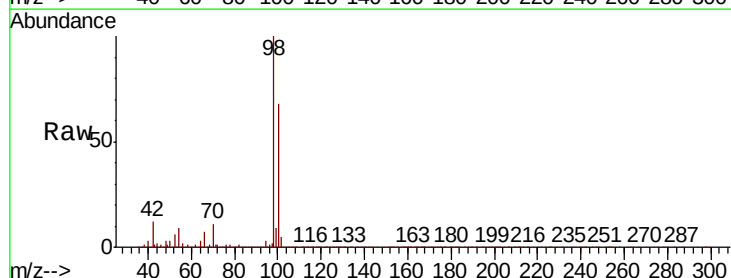
Acq: 24 Jan 2020 20:49

Tgt Ion: 98 Resp: 787844

Ion Ratio Lower Upper

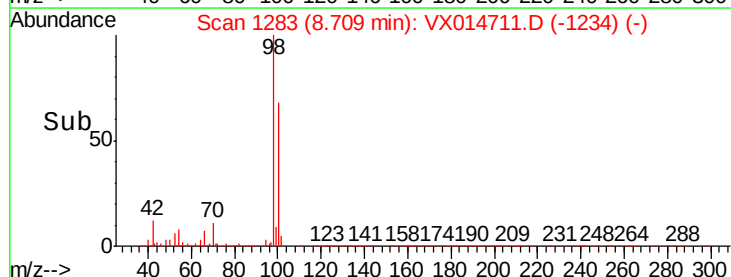
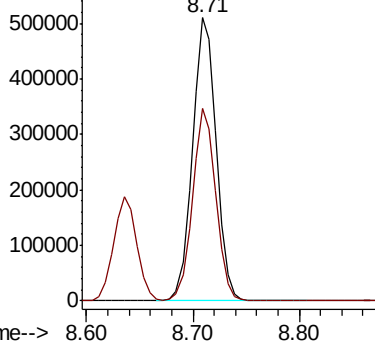
98 100

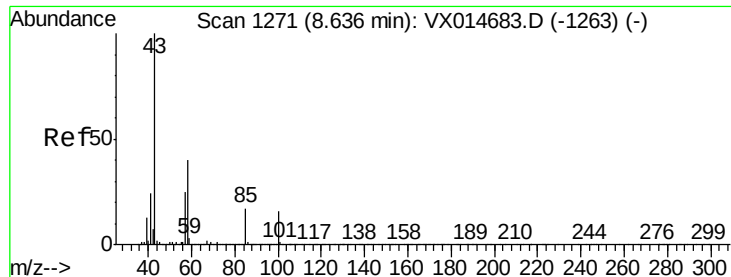
100 66.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 248.091 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

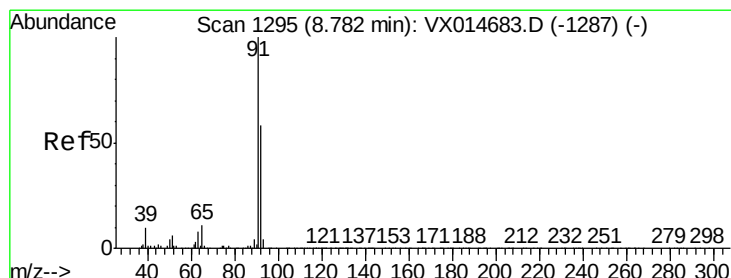
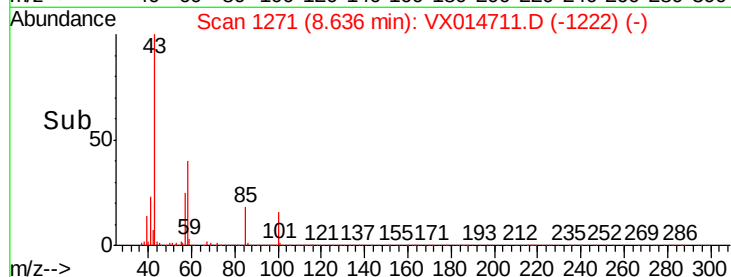
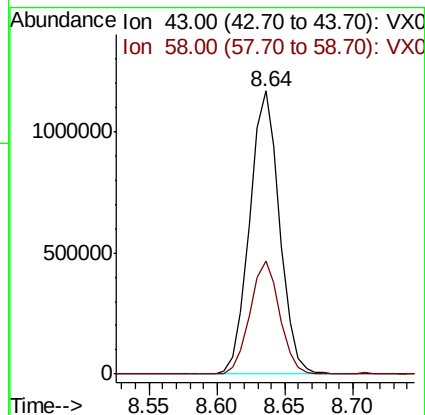
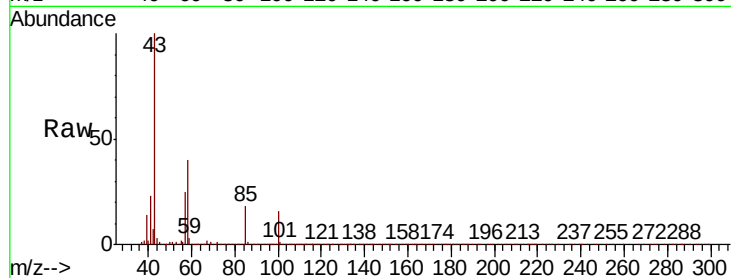
VSTDCCC050EC

Tot Ion: 43 Resp: 1800085

Ion Ratio Lower Upper

43 100

58 39.6 31.6 47.4



#52

Toluene

Concen: 50.854 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014711.D

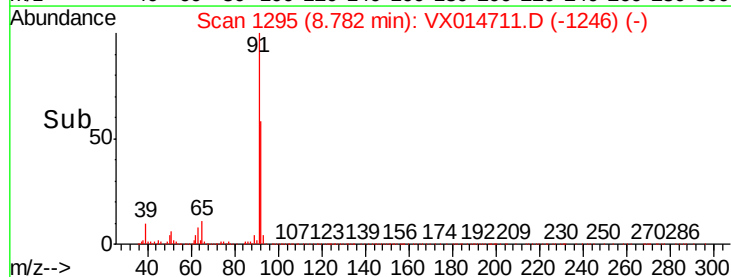
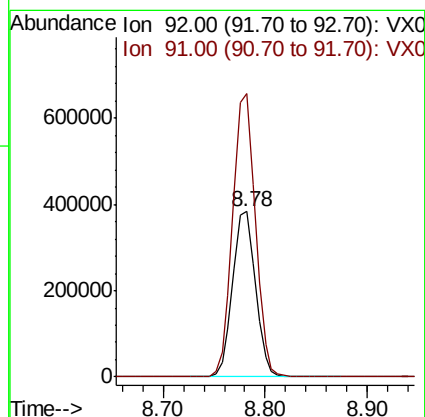
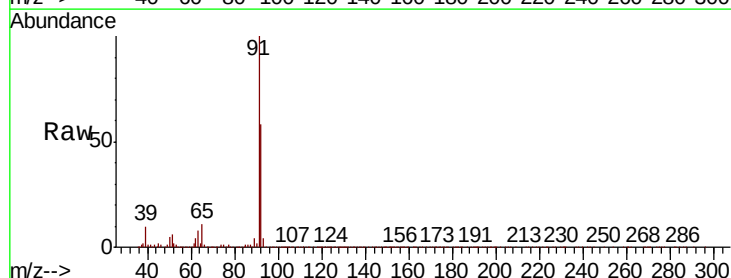
Acq: 24 Jan 2020 20:49

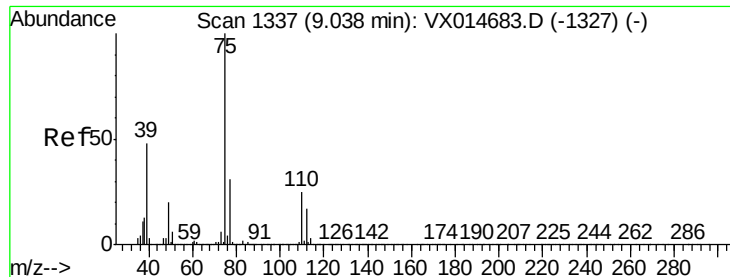
Tgt Ion: 92 Resp: 592031

Ion Ratio Lower Upper

92 100

91 170.2 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 51.455 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

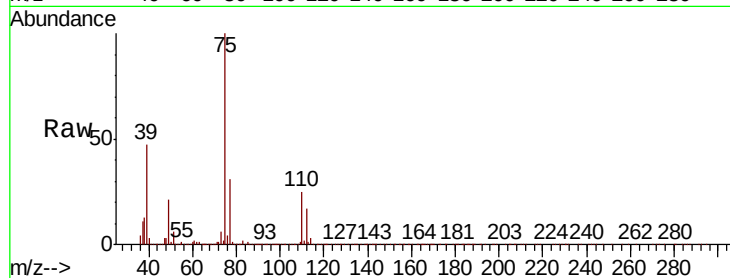
VSTDCCC050EC

Tot Ion: 75 Resp: 343381

Ion Ratio Lower Upper

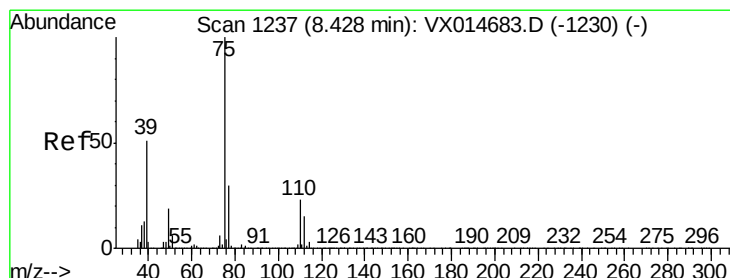
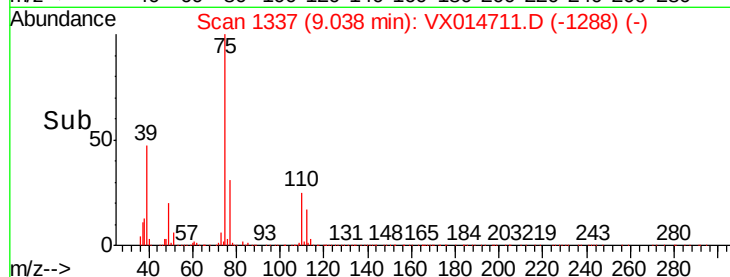
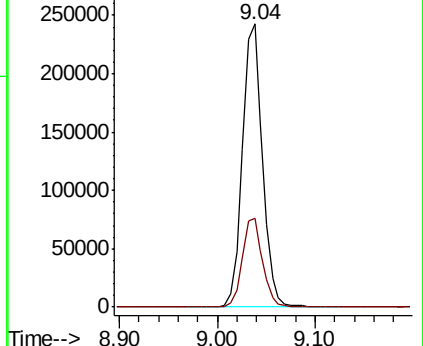
75 100

77 31.3 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 51.773 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

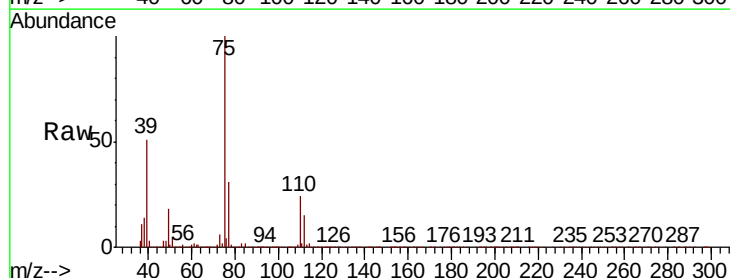
Tgt Ion: 75 Resp: 380085

Ion Ratio Lower Upper

75 100

77 31.4 23.9 35.9

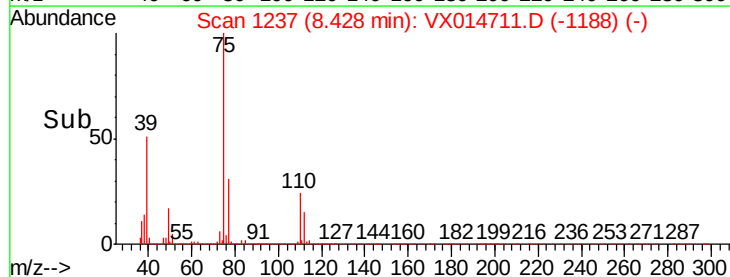
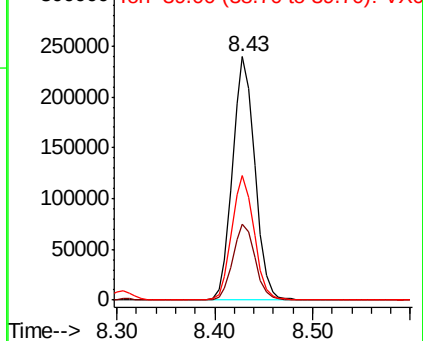
39 51.0 40.9 61.3



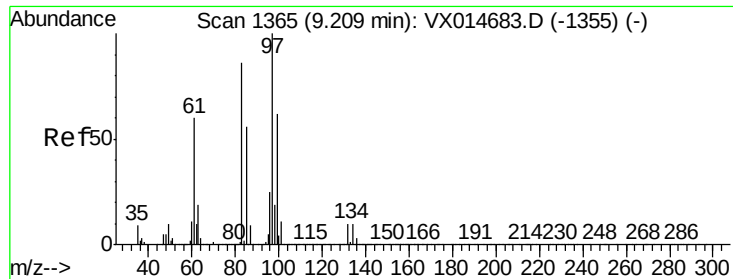
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



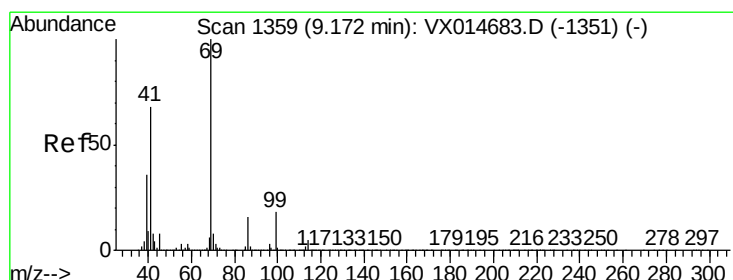
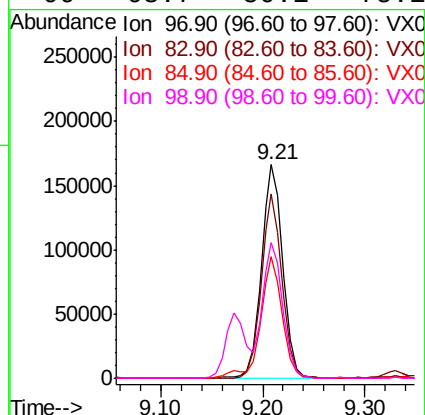
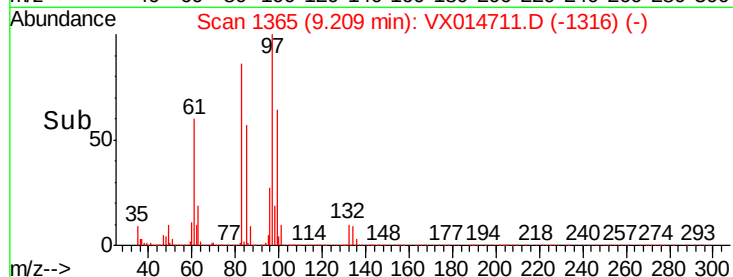
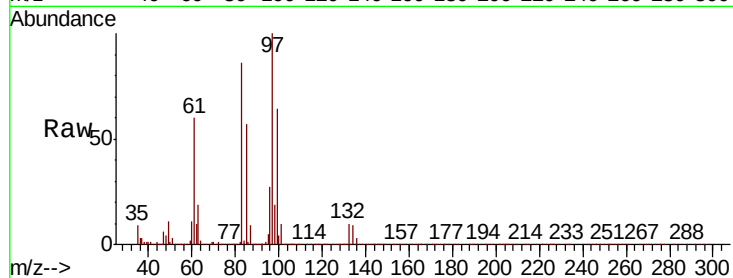




#55  
 1,1,2-Trichloroethane  
 Concen: 51.005 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. -0.00 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

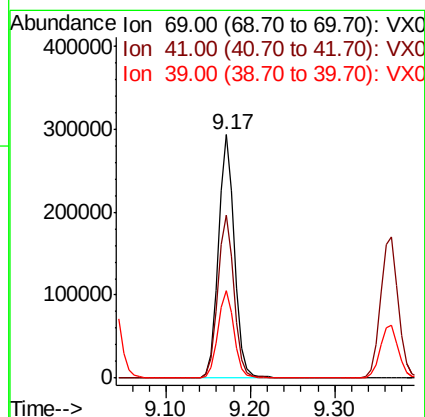
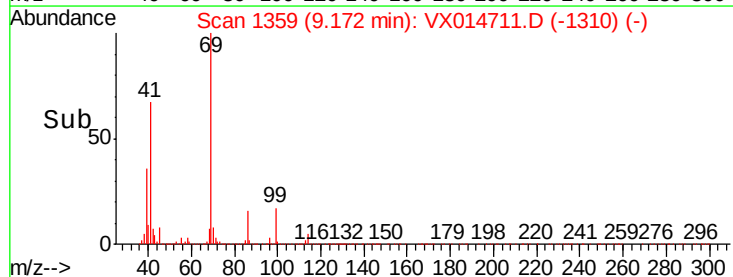
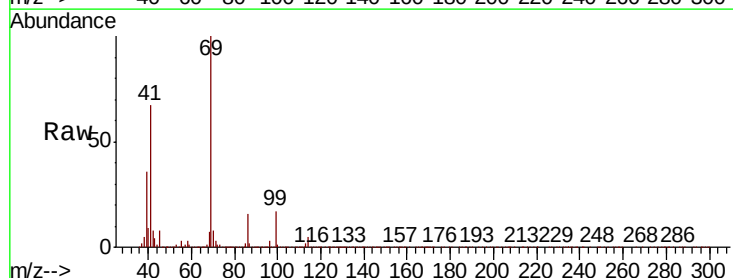
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

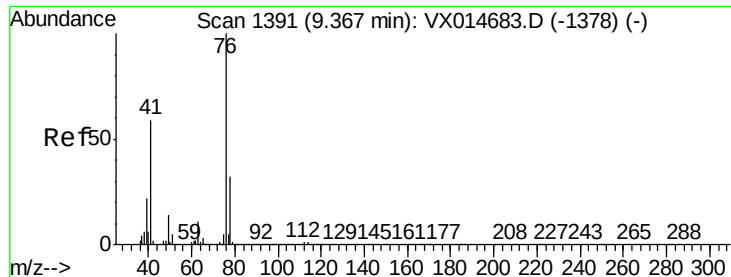
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 243112 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 86.2  | 69.2  | 103.8  |
| 85       | 56.8  | 44.6  | 67.0   |
| 99       | 63.7  | 50.1  | 75.1   |



#56  
 Ethyl methacrylate  
 Concen: 47.556 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 383551 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 68.4  | 54.9  | 82.3   |
| 39       | 36.1  | 29.3  | 43.9   |

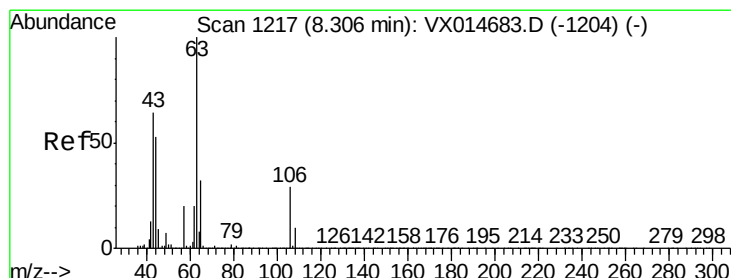
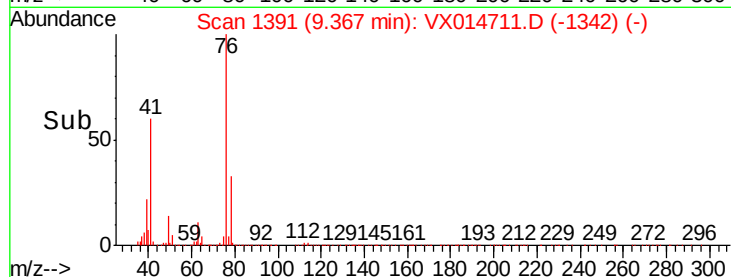
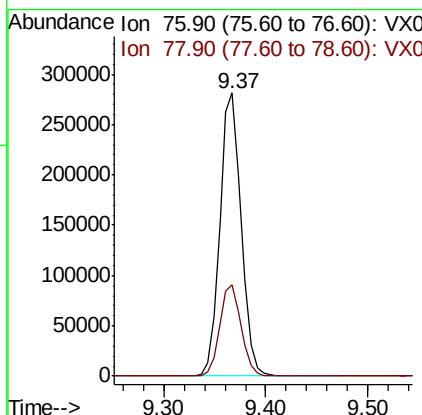
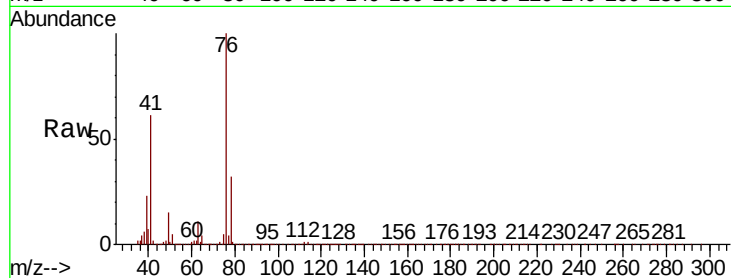




#57  
 1,3-Dichloropropane  
 Concen: 50.039 ug/l  
 RT: 9.37 min Scan# 1391  
 Delta R.T. -0.00 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

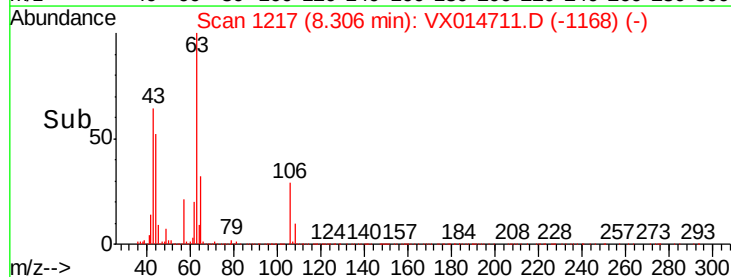
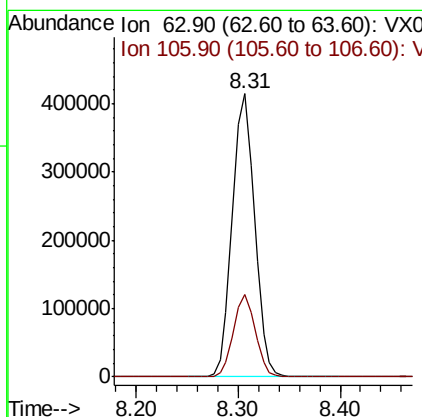
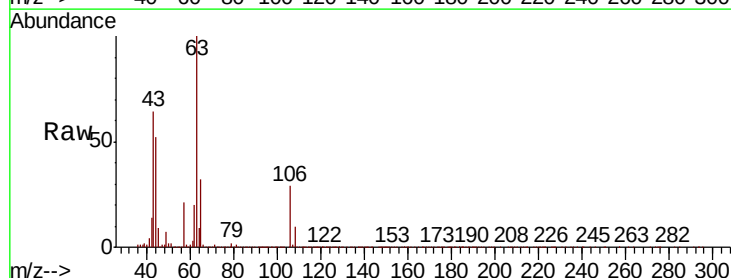
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

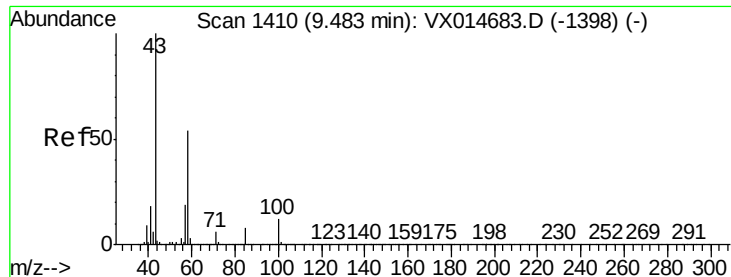
Tot Ion: 76 Resp: 407720  
 Ion Ratio Lower Upper  
 76 100  
 78 32.7 26.0 39.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 261.930 ug/l  
 RT: 8.31 min Scan# 1217  
 Delta R.T. -0.00 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

Tgt Ion: 63 Resp: 627864  
 Ion Ratio Lower Upper  
 63 100  
 106 28.6 22.7 34.1

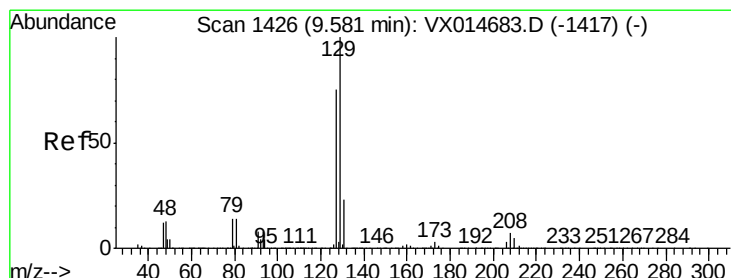
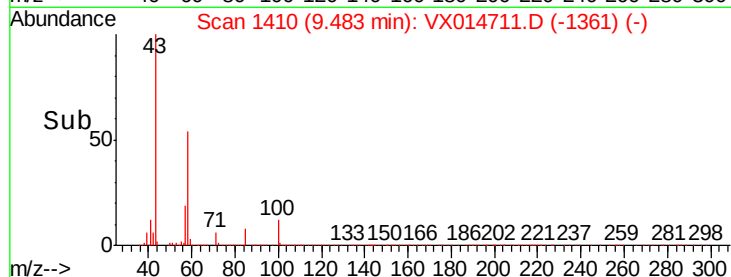
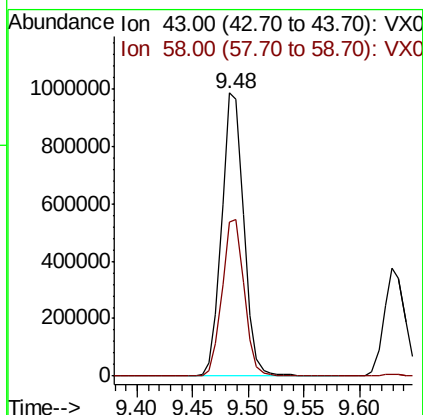
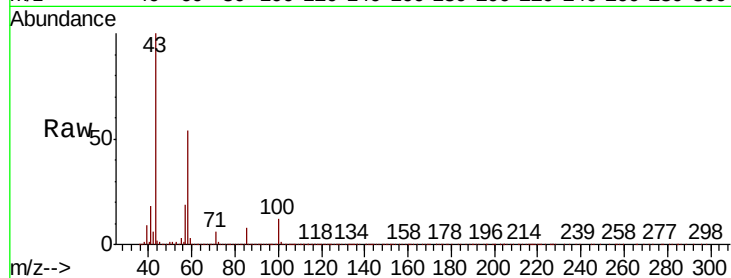




#59  
2-Hexanone  
Concen: 240.317 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

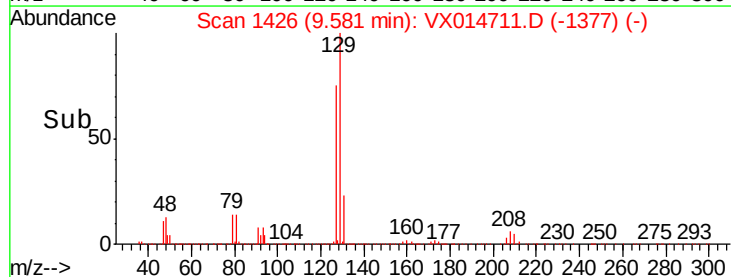
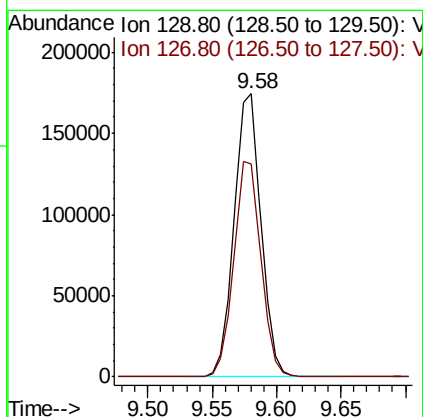
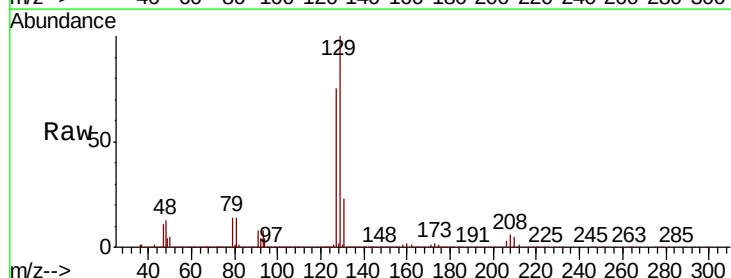
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

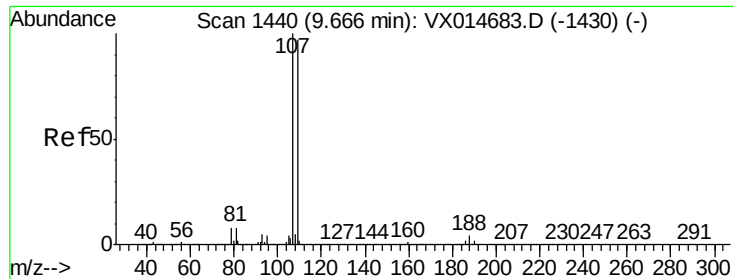
Tot Ion: 43 Resp: 1353072  
Ion Ratio Lower Upper  
43 100  
58 55.3 27.2 81.5



#60  
Dibromochloromethane  
Concen: 51.061 ug/l  
RT: 9.58 min Scan# 1426  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Tgt Ion: 129 Resp: 254036  
Ion Ratio Lower Upper  
129 100  
127 76.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.432 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

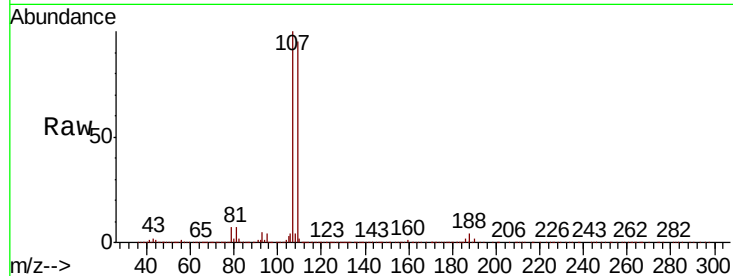
VSTDCCC050EC

Tot Ion:107 Resp: 254152

Ion Ratio Lower Upper

107 100

109 93.5 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

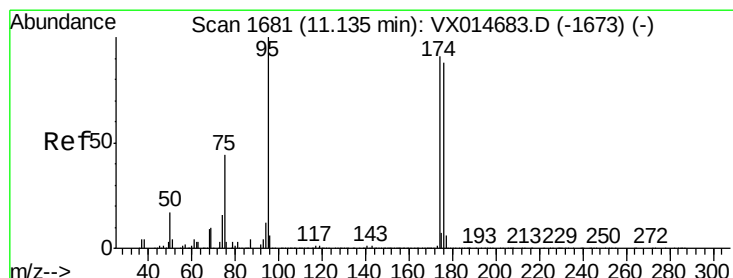
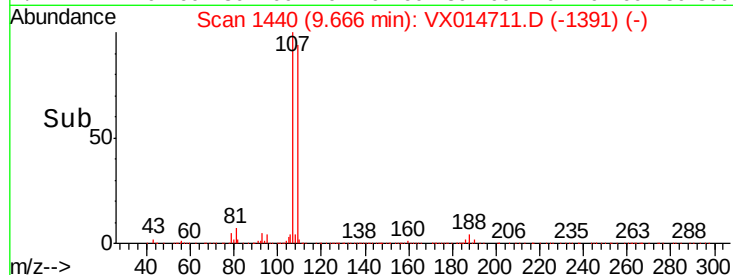
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.996 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

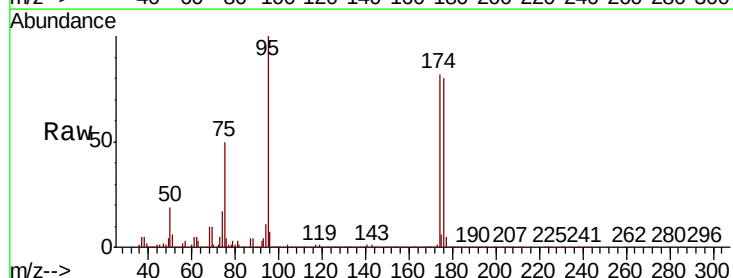
Tgt Ion: 95 Resp: 279284

Ion Ratio Lower Upper

95 100

174 89.7 0.0 176.0

176 88.6 0.0 172.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

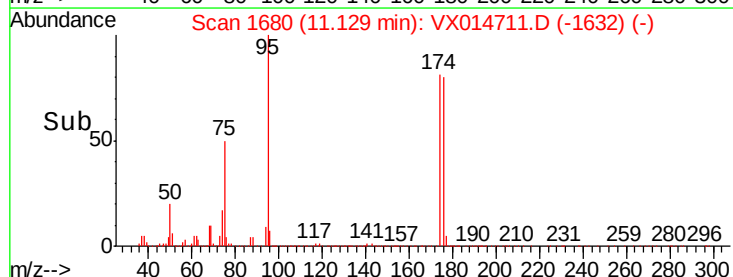
150000

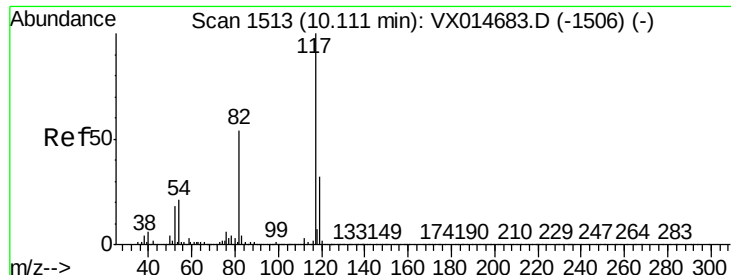
100000

50000

0

Time-->

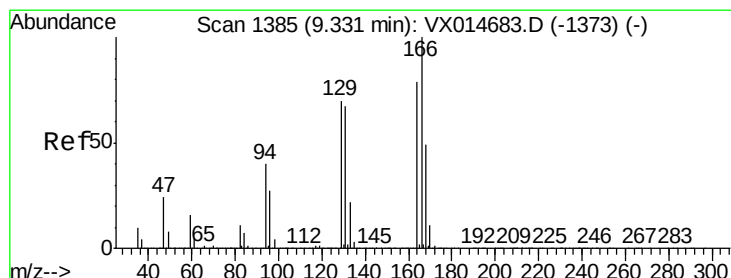
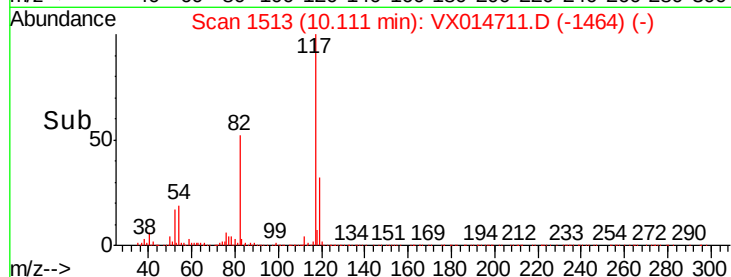
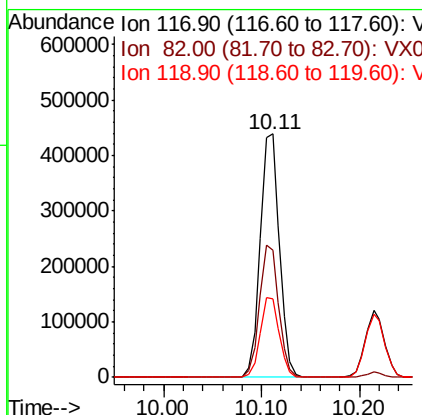
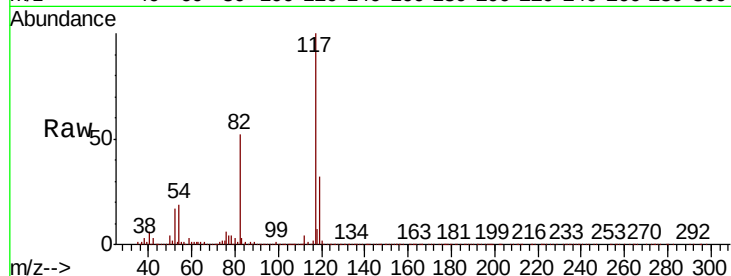




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

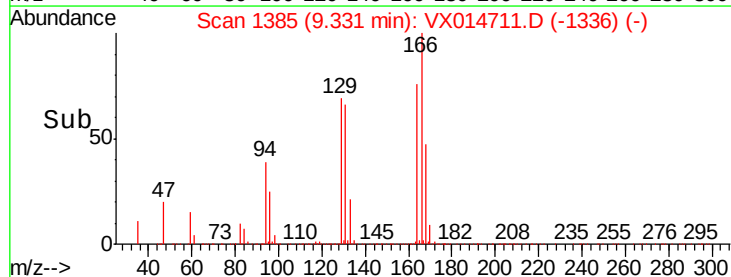
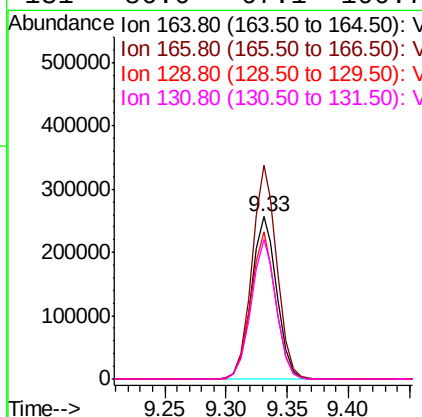
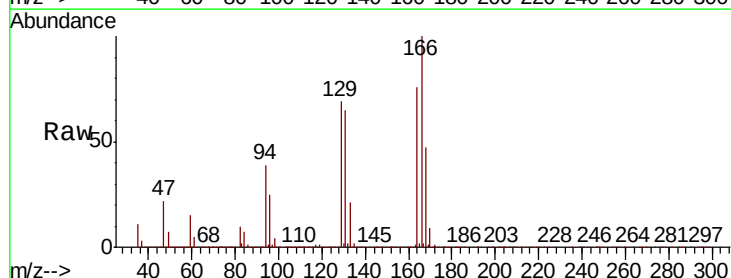
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

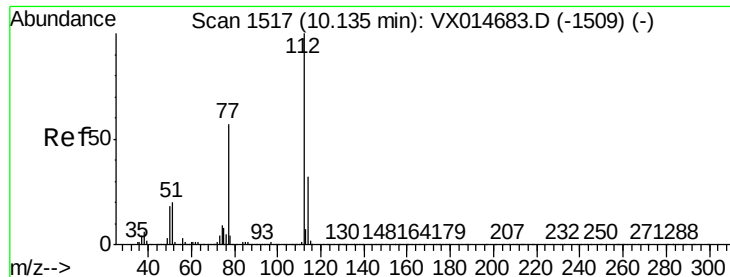
Tot Ion:117 Resp: 600018  
Ion Ratio Lower Upper  
117 100  
82 52.5 43.2 64.8  
119 32.4 25.8 38.6



#64  
Tetrachloroethene  
Concen: 62.429 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Tgt Ion:164 Resp: 370793  
Ion Ratio Lower Upper  
164 100  
166 131.3 100.9 151.3  
129 90.4 71.0 106.6  
131 86.0 67.1 100.7

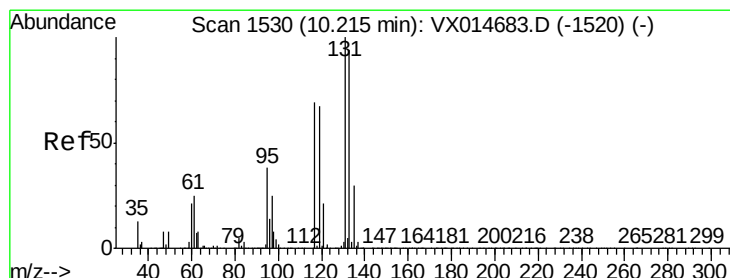
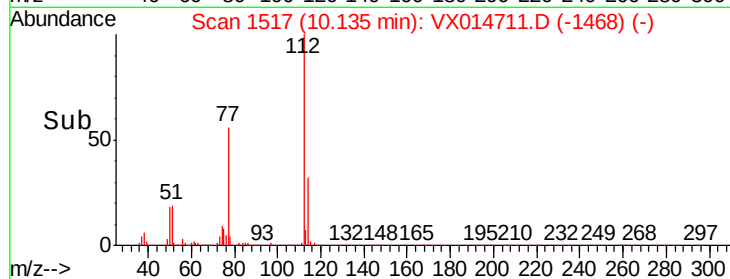
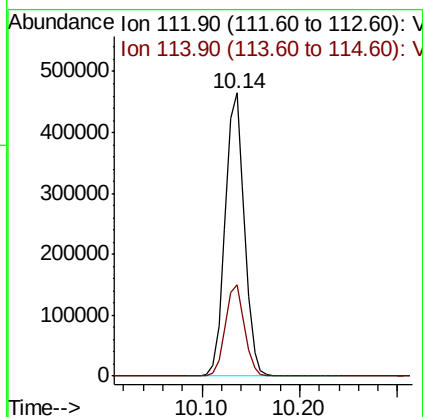
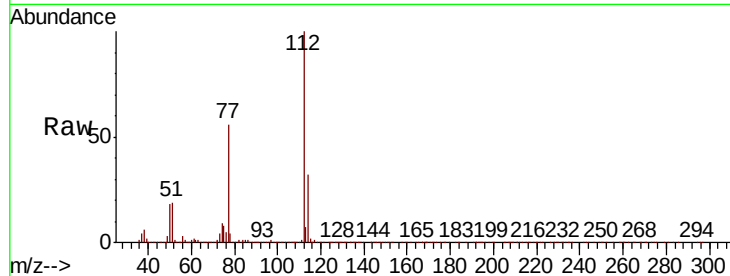




#65  
Chlorobenzene  
Concen: 49.287 ug/l  
RT: 10.14 min Scan# 1517  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

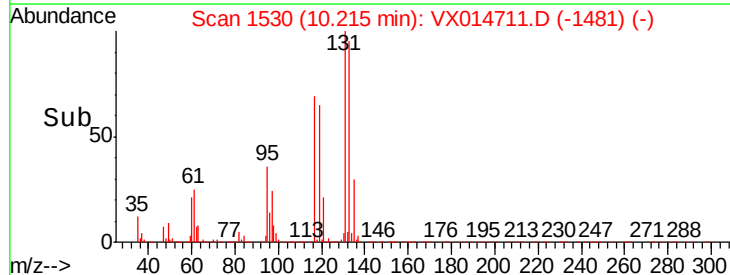
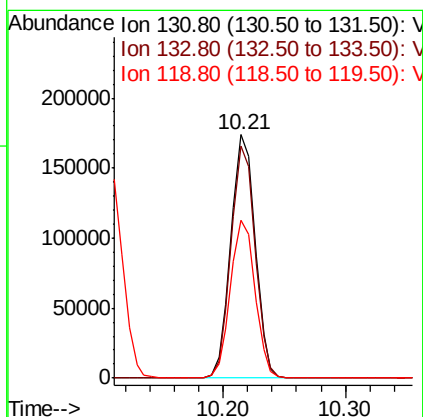
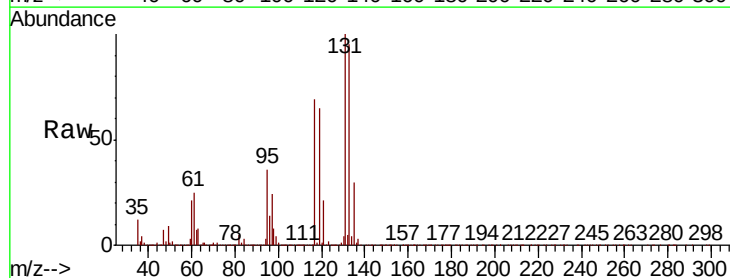
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

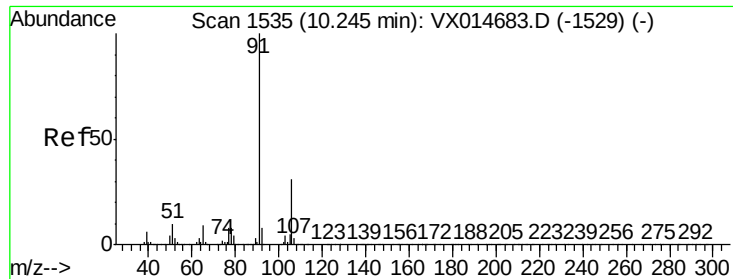
Tot Ion:112 Resp: 632548  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.368 ug/l  
RT: 10.21 min Scan# 1530  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Tgt Ion:131 Resp: 238343  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.4 142.3  
119 65.6 33.3 99.8

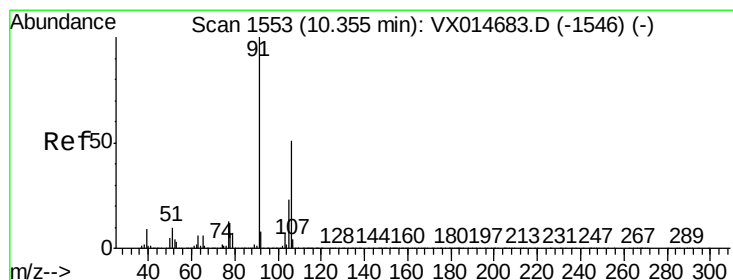
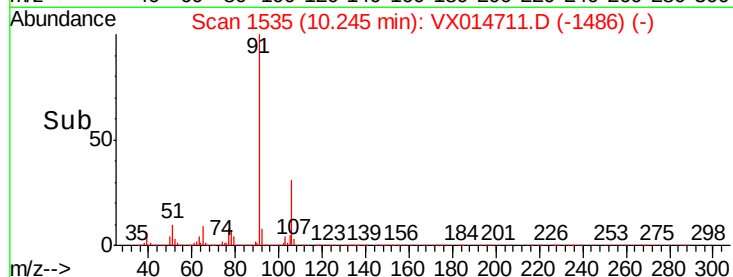
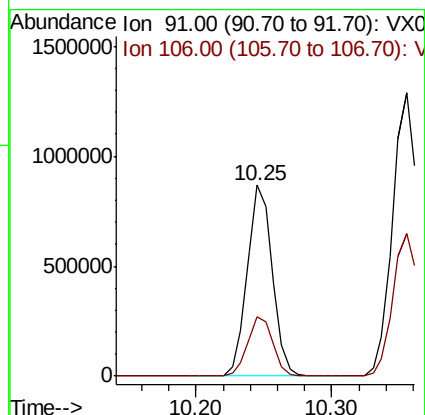
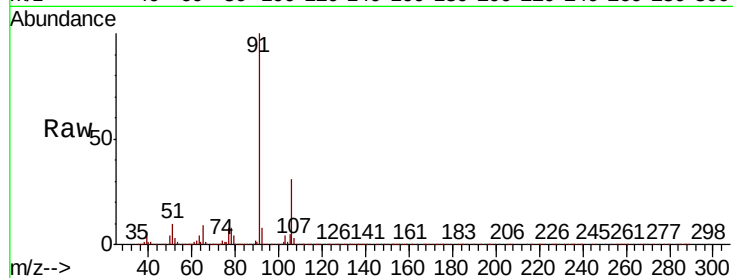




#67  
Ethyl Benzene  
Concen: 51.158 ug/l  
RT: 10.25 min Scan# 1535  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

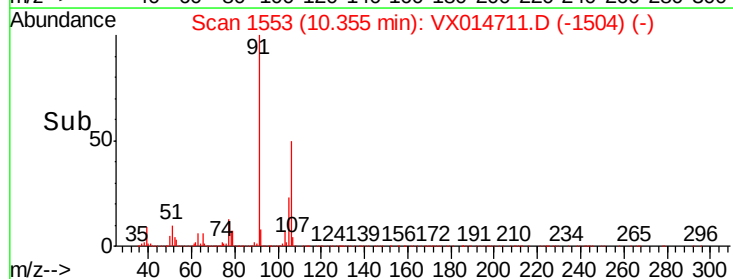
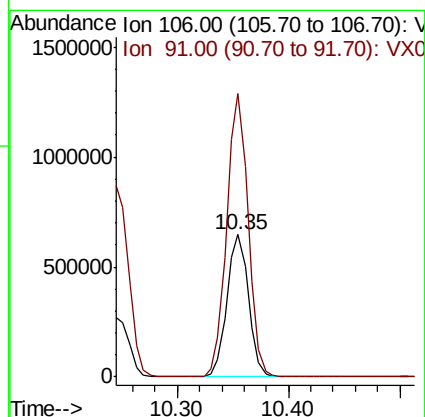
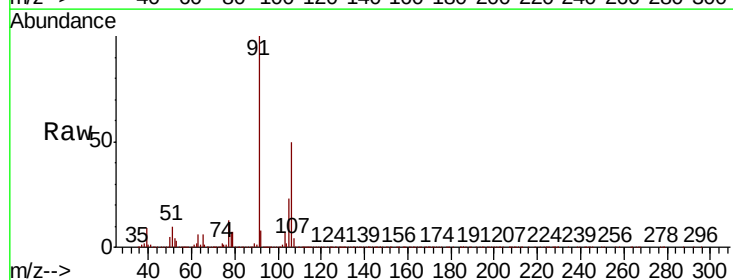
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

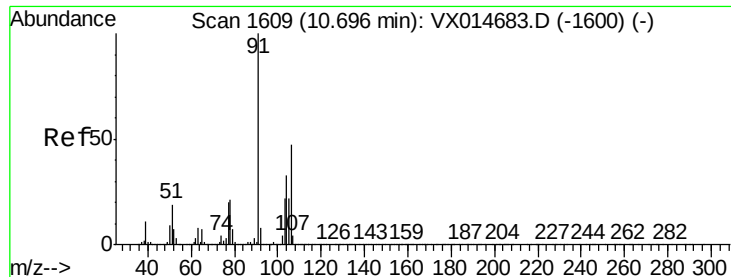
Tot Ion: 91 Resp: 1121073  
Ion Ratio Lower Upper  
91 100  
106 31.0 24.9 37.3



#68  
m/p-Xylenes  
Concen: 104.051 ug/l  
RT: 10.35 min Scan# 1553  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Tgt Ion: 106 Resp: 863831  
Ion Ratio Lower Upper  
106 100  
91 198.3 159.4 239.2

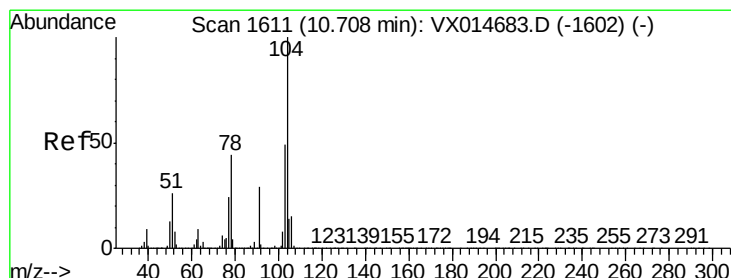
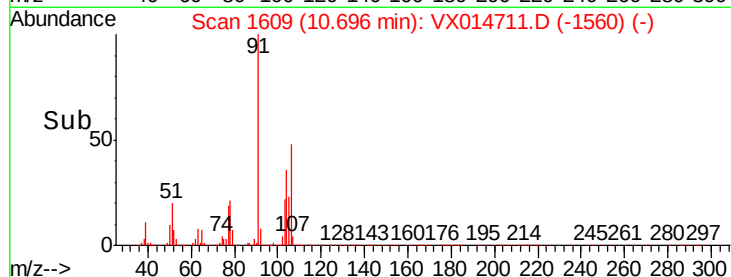
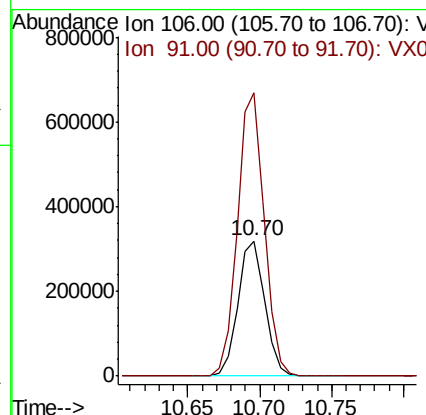
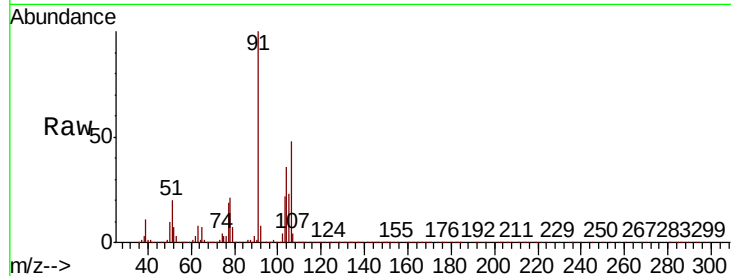




#69  
o-Xylene  
Concen: 51.654 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

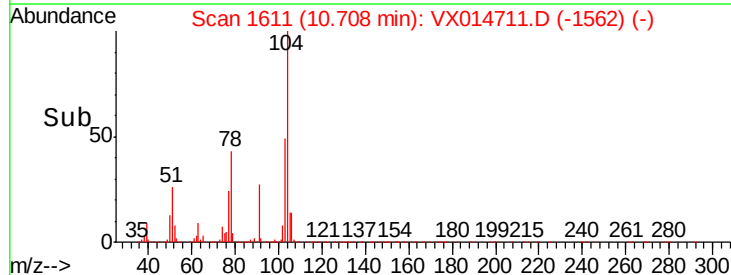
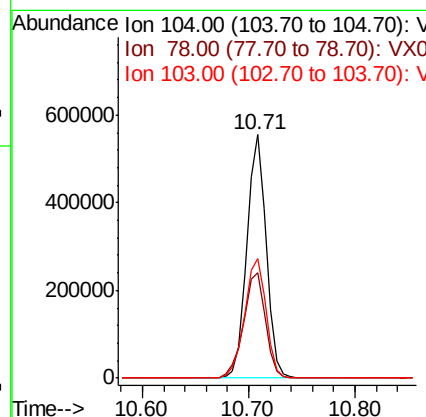
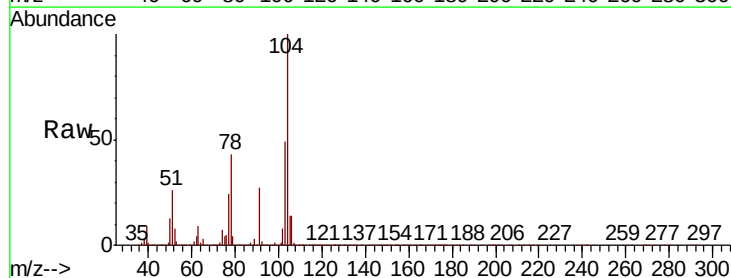
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 413993  
Ion Ratio Lower Upper  
106 100  
91 209.8 106.2 318.6

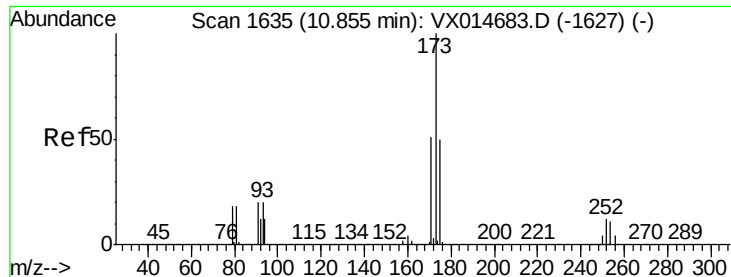


#70  
Styrene  
Concen: 52.996 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Tgt Ion:104 Resp: 712506  
Ion Ratio Lower Upper  
104 100  
78 48.9 39.3 58.9  
103 54.7 43.5 65.3







#71

Bromoform

Concen: 51.135 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

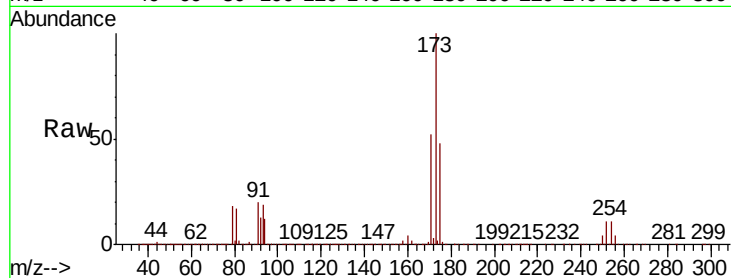
Tot Ion:173 Resp: 192423

Ion Ratio Lower Upper

173 100

175 49.6 24.6 73.6

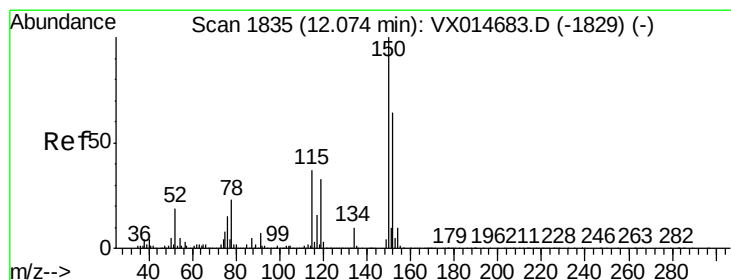
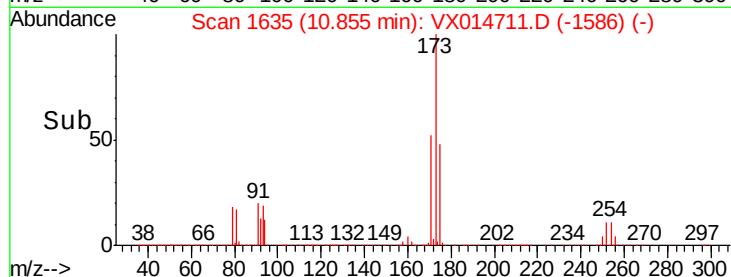
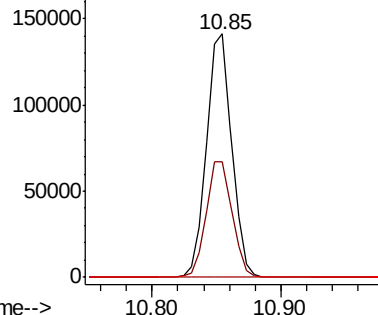
254 0.2 0.1 0.1#



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

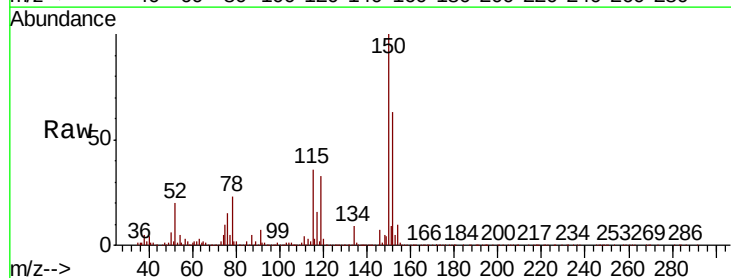
Tgt Ion:152 Resp: 300670

Ion Ratio Lower Upper

152 100

115 79.5 39.4 118.1

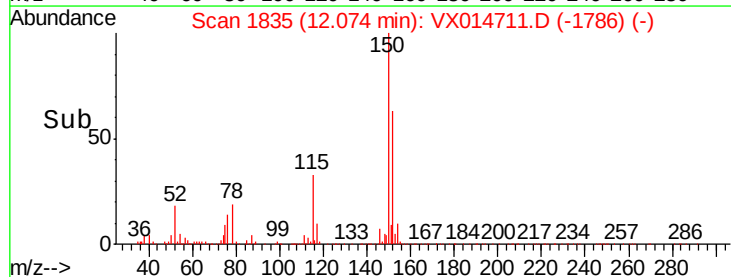
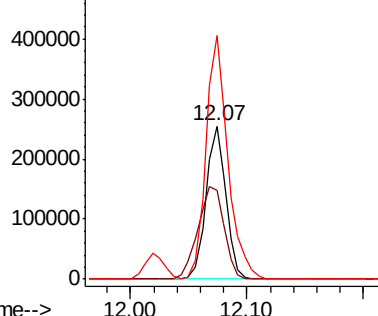
150 175.7 0.0 351.2

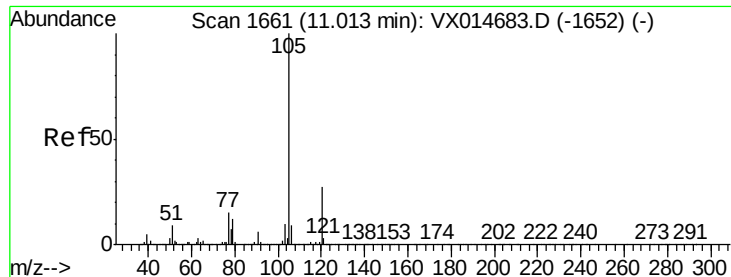


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.863 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

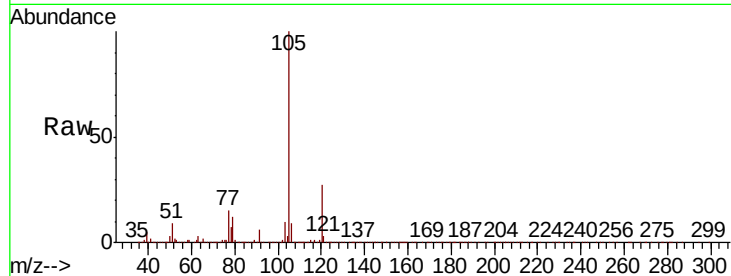
VSTDCCC050EC

Tot Ion:105 Resp: 1096434

Ion Ratio Lower Upper

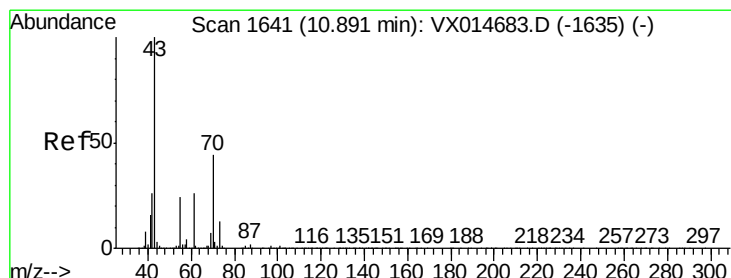
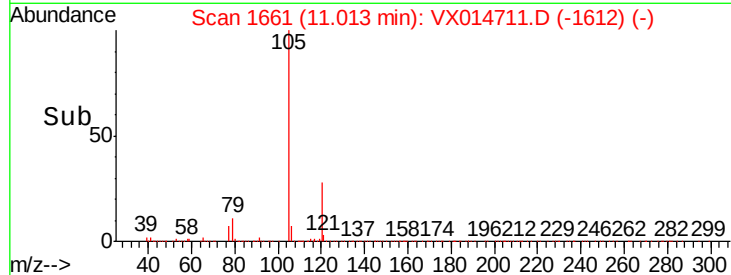
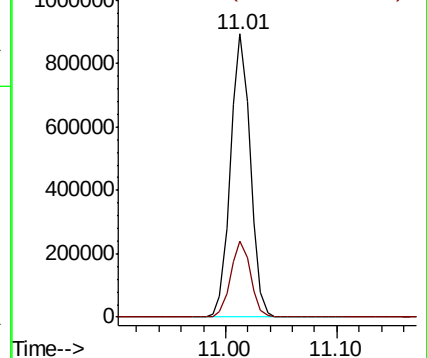
105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.124 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Tgt Ion: 43 Resp: 501422

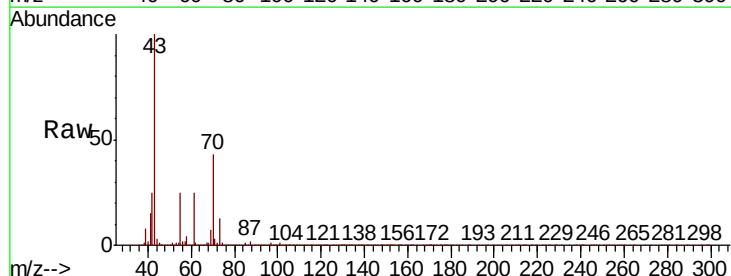
Ion Ratio Lower Upper

43 100

70 43.8 34.6 52.0

55 24.4 19.4 29.2

61 24.8 19.8 29.6

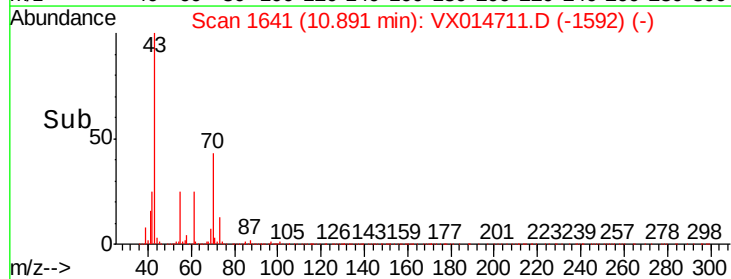
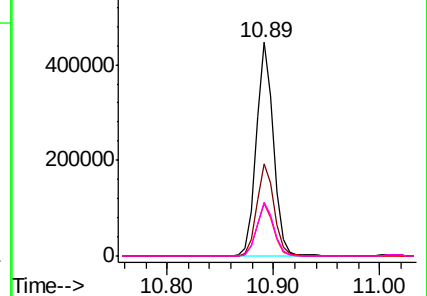


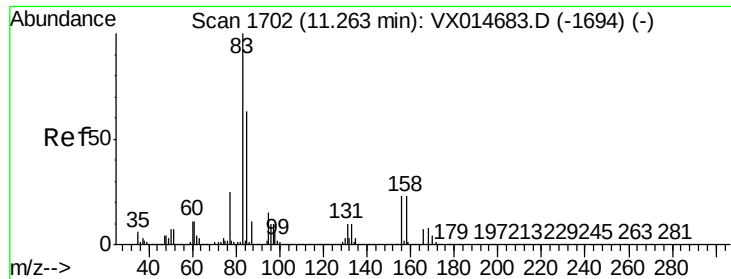
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.899 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

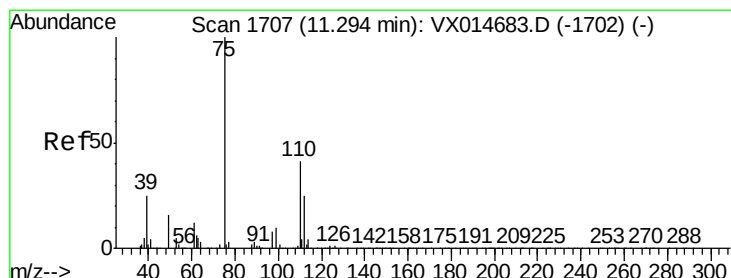
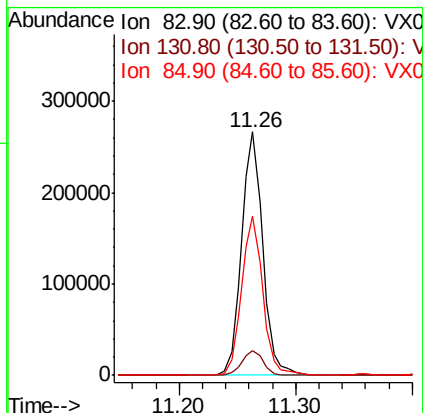
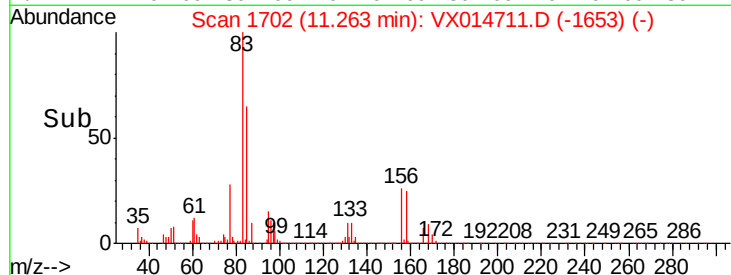
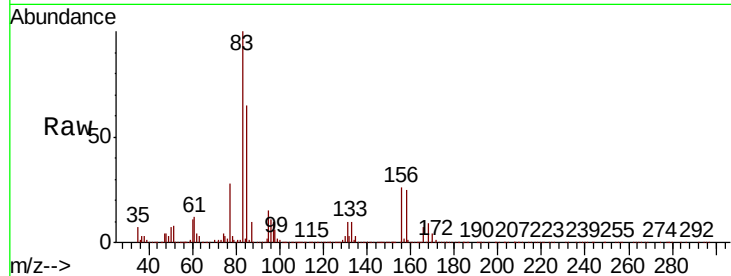
Tot Ion: 83 Resp: 338917

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

85 65.0 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 61.195 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014711.D

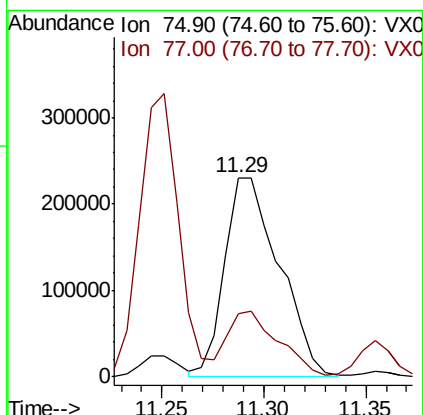
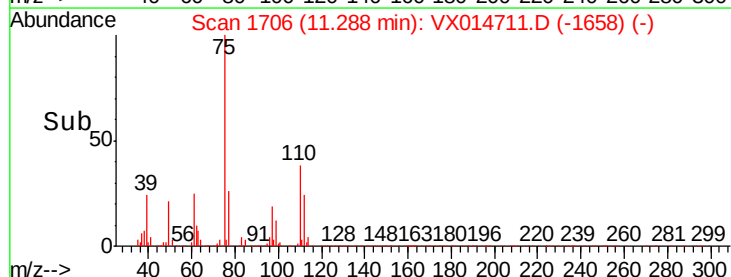
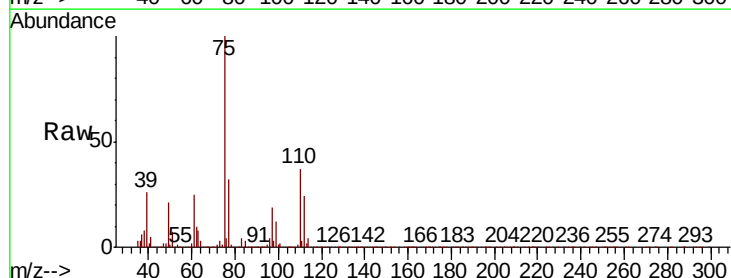
Acq: 24 Jan 2020 20:49

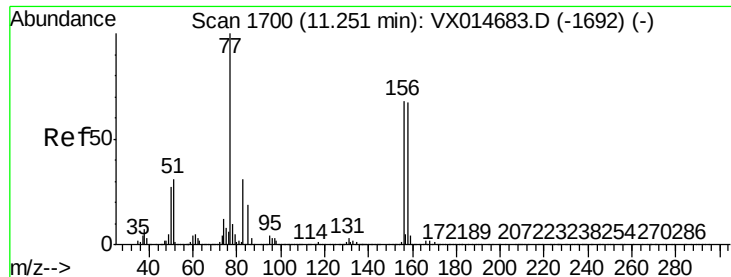
Tgt Ion: 75 Resp: 428074

Ion Ratio Lower Upper

75 100

77 30.5 18.7 56.1





#77

Bromobenzene

Concen: 50.609 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

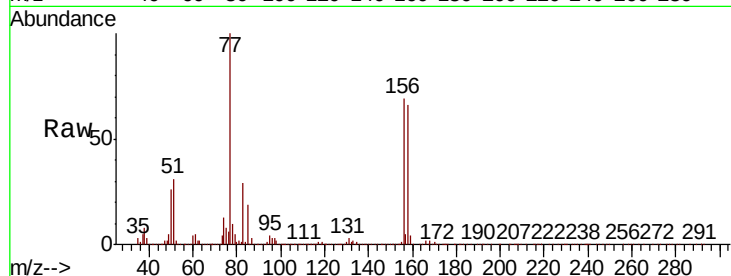
Tot Ion:156 Resp: 287437

Ion Ratio Lower Upper

156 100

77 151.9 77.5 232.5

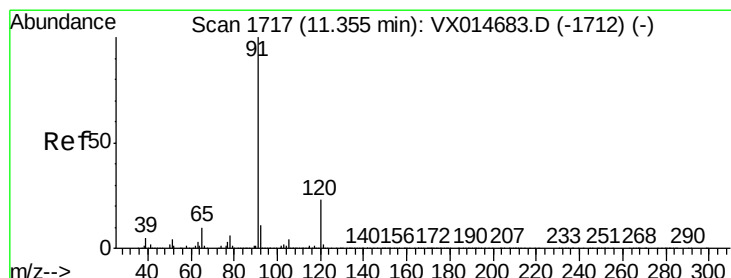
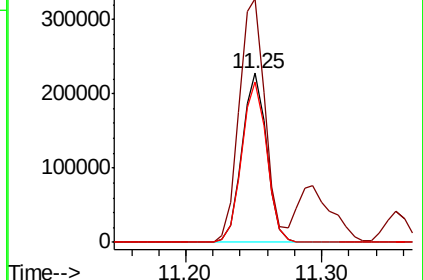
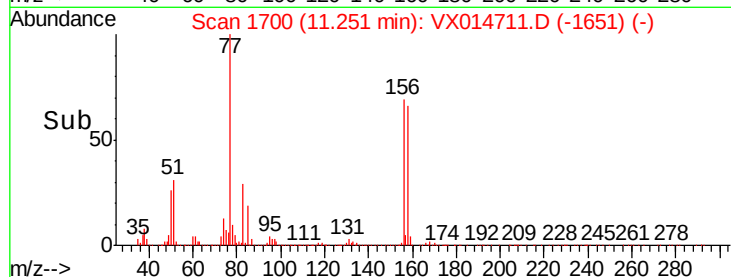
158 96.0 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.161 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014711.D

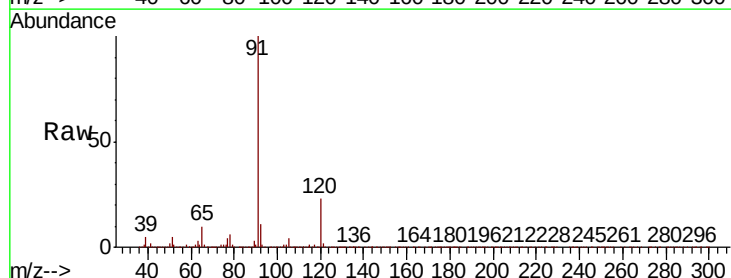
Acq: 24 Jan 2020 20:49

Tgt Ion: 91 Resp: 1251730

Ion Ratio Lower Upper

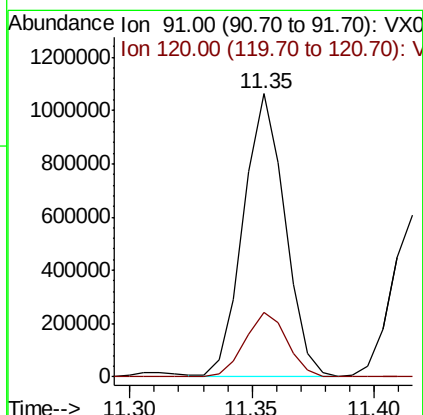
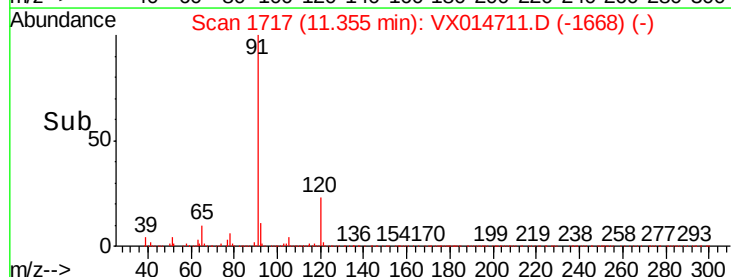
91 100

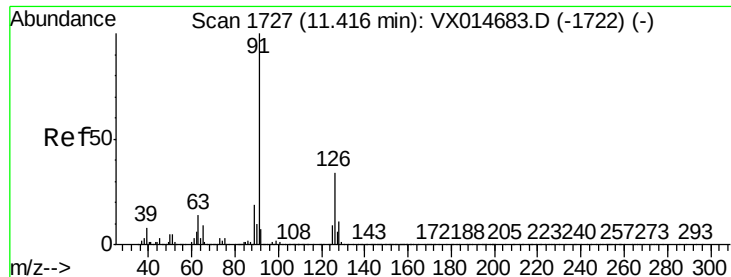
120 23.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

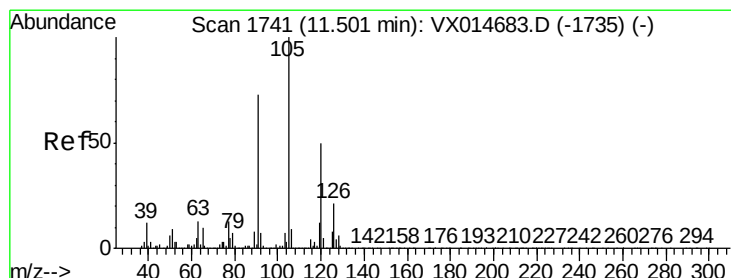
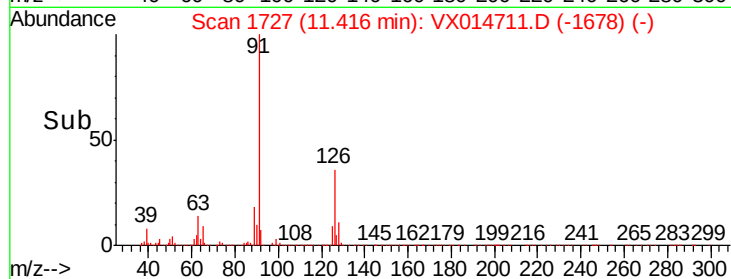
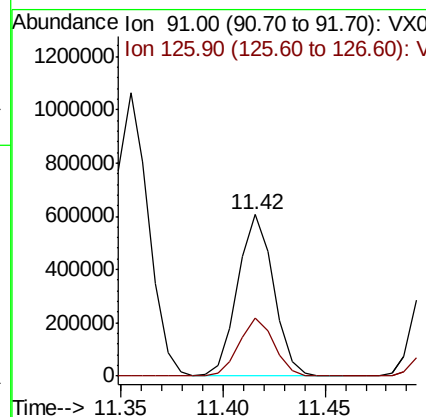
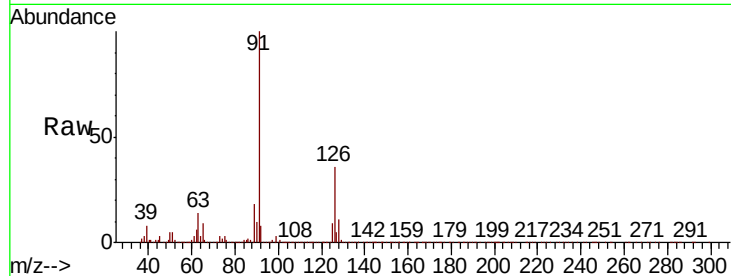




#79  
 2-Chlorotoluene  
 Concen: 50.576 ug/l  
 RT: 11.42 min Scan# 1727  
 Delta R.T. -0.00 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

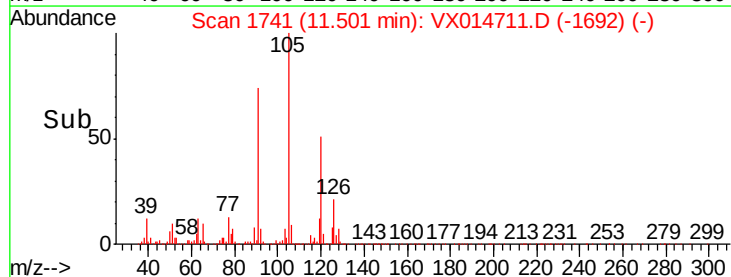
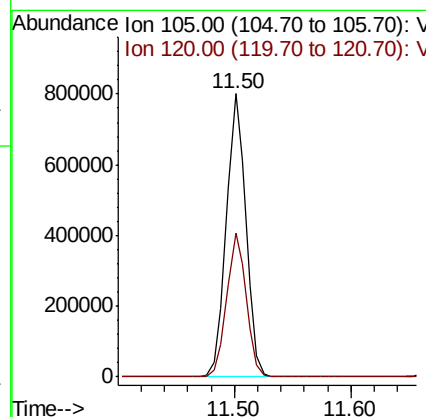
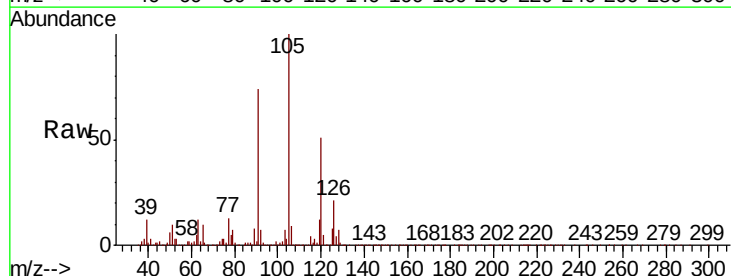
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

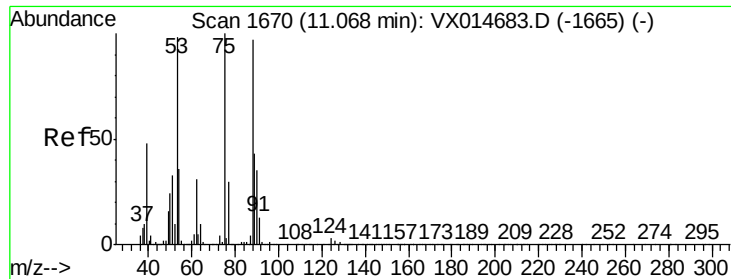
Tot Ion: 91 Resp: 734352  
 Ion Ratio Lower Upper  
 91 100  
 126 35.3 17.3 51.9



#80  
 1,3,5-Trimethylbenzene  
 Concen: 52.569 ug/l  
 RT: 11.50 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

Tgt Ion: 105 Resp: 922392  
 Ion Ratio Lower Upper  
 105 100  
 120 50.8 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.424 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

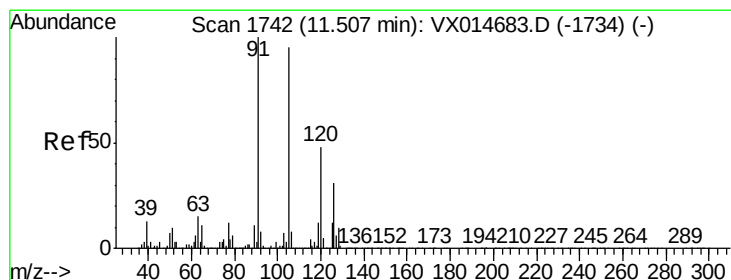
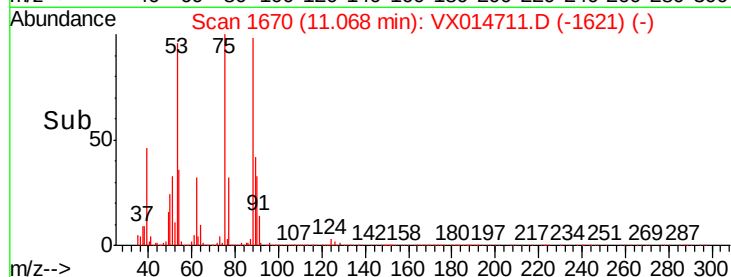
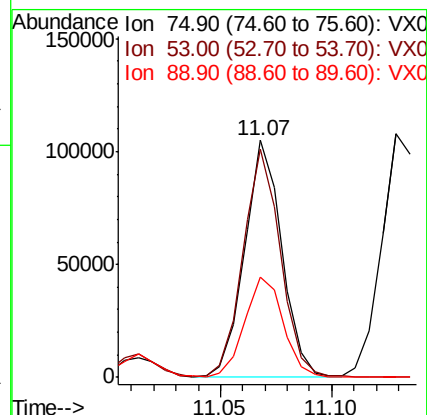
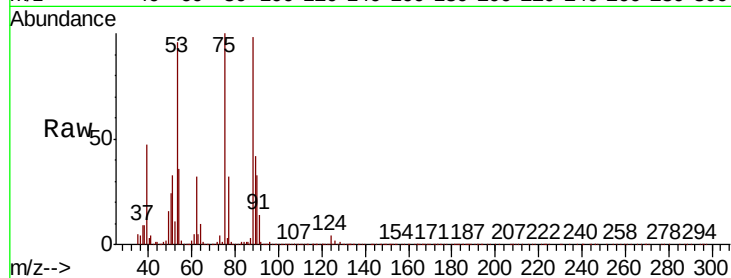
Tot Ion: 75 Resp: 121490

Ion Ratio Lower Upper

75 100

53 96.8 78.8 118.2

89 44.4 35.4 53.0



#82

4-Chlorotoluene

Concen: 51.248 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014711.D

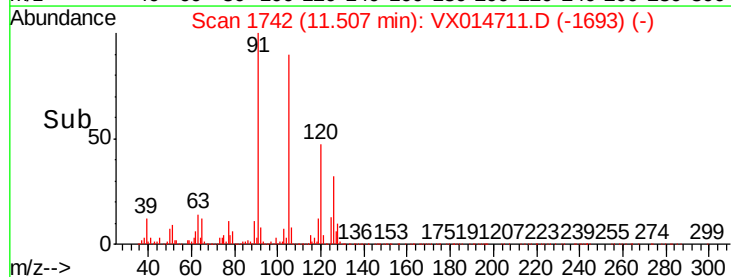
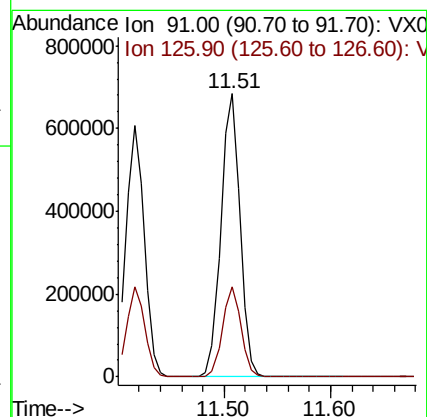
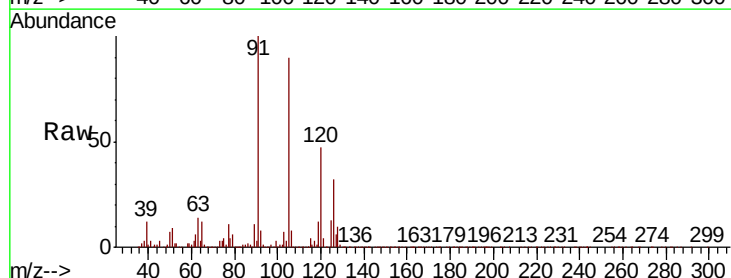
Acq: 24 Jan 2020 20:49

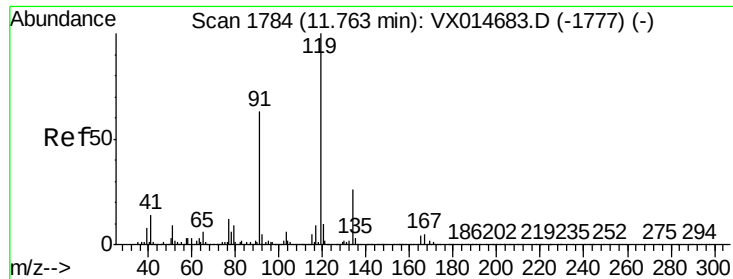
Tgt Ion: 91 Resp: 847128

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.4

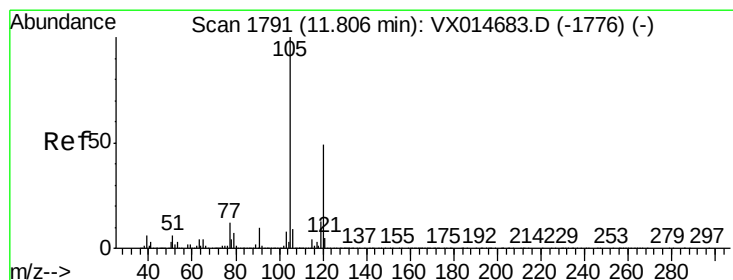
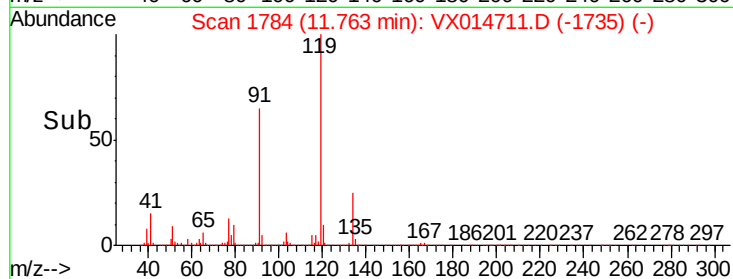
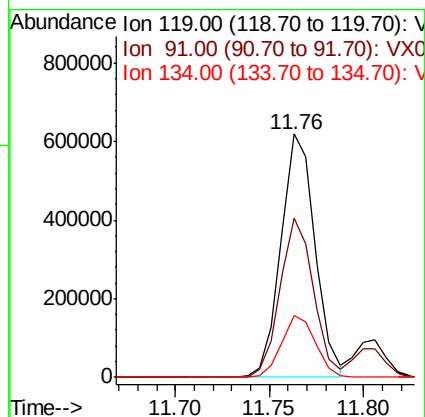
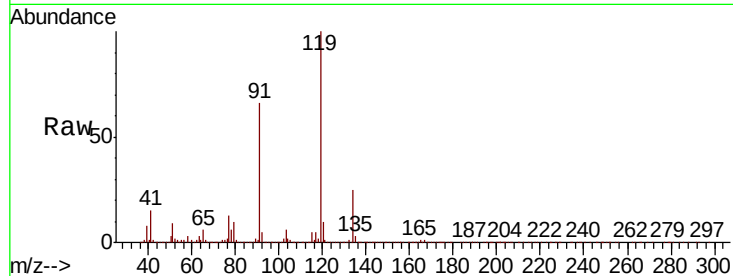




#83  
tert-Butylbenzene  
Concen: 47.137 ug/l  
RT: 11.76 min Scan# 1784  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

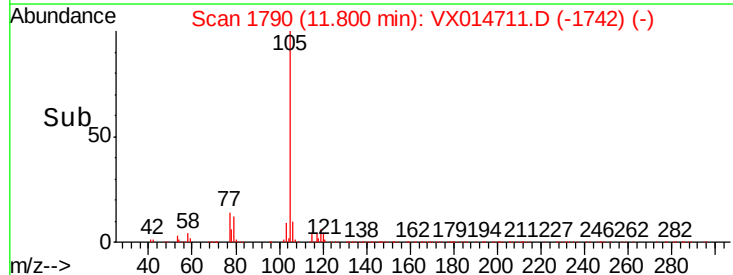
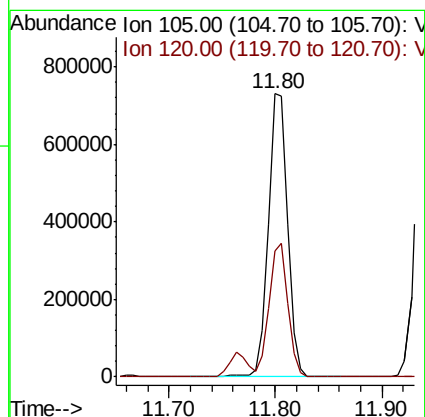
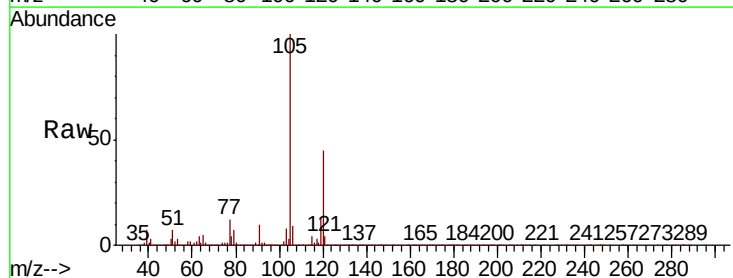
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

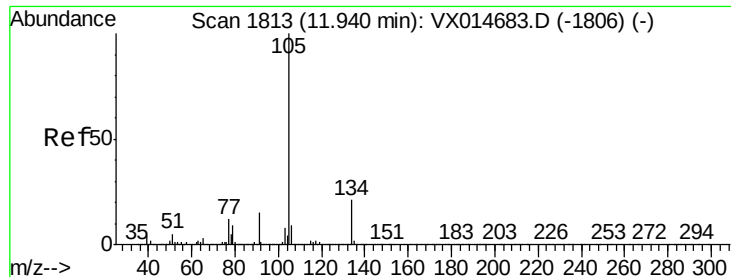
Tot Ion:119 Resp: 777193  
Ion Ratio Lower Upper  
119 100  
91 64.2 30.0 90.0  
134 25.4 12.7 38.0



#84  
1,2,4-Trimethylbenzene  
Concen: 52.809 ug/l  
RT: 11.80 min Scan# 1790  
Delta R.T. -0.01 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Tgt Ion:105 Resp: 929427  
Ion Ratio Lower Upper  
105 100  
120 45.8 23.4 70.0





#85

sec-Butylbenzene

Concen: 52.005 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

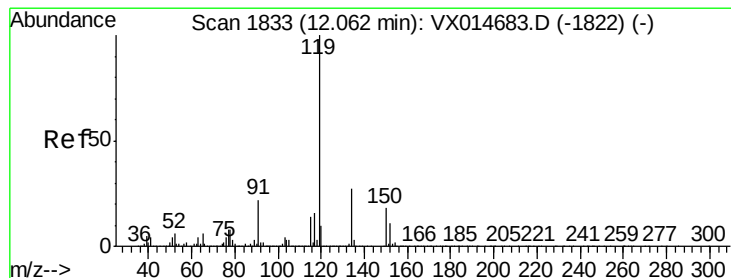
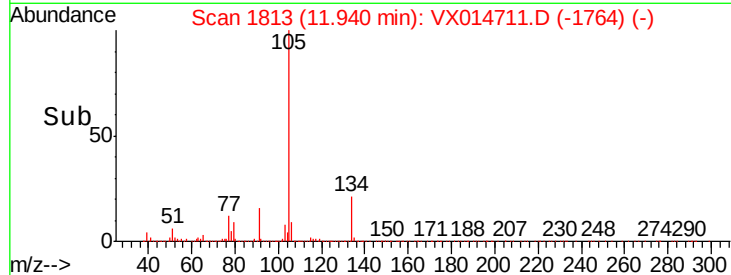
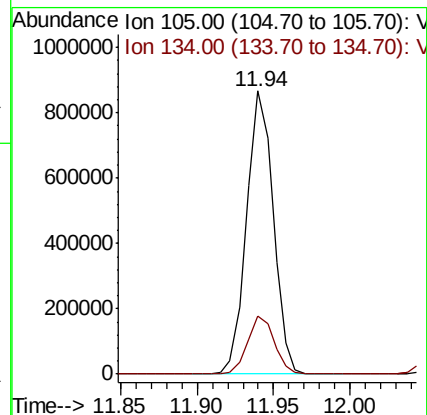
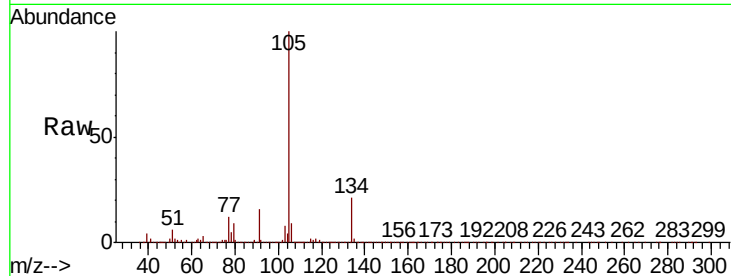
VSTDCCC050EC

Tot Ion:105 Resp: 1050431

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8



#86

p-Isopropyltoluene

Concen: 52.763 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

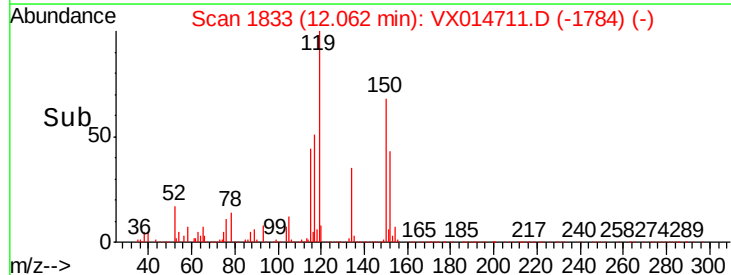
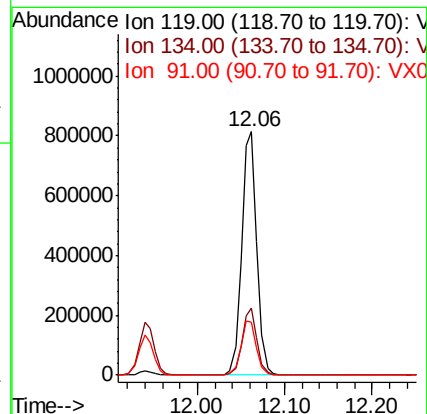
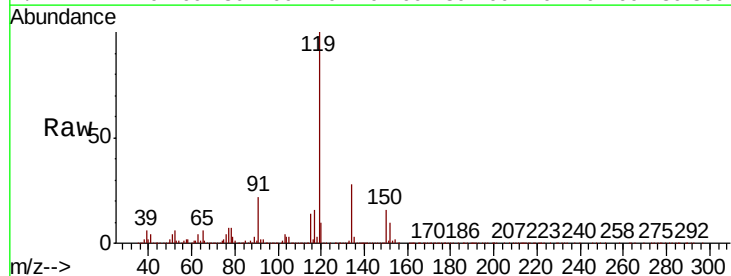
Tgt Ion:119 Resp: 984902

Ion Ratio Lower Upper

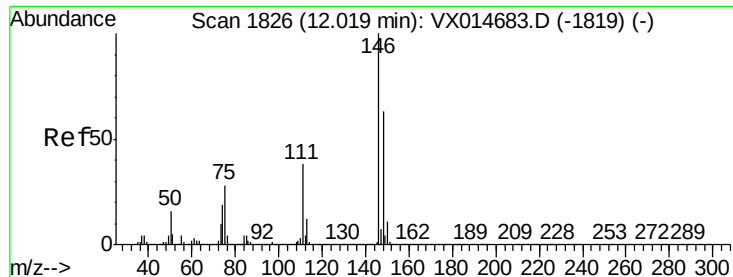
119 100

134 26.8 13.5 40.4

91 22.6 11.3 33.8







#87

1,3-Dichlorobenzene

Concen: 49.113 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

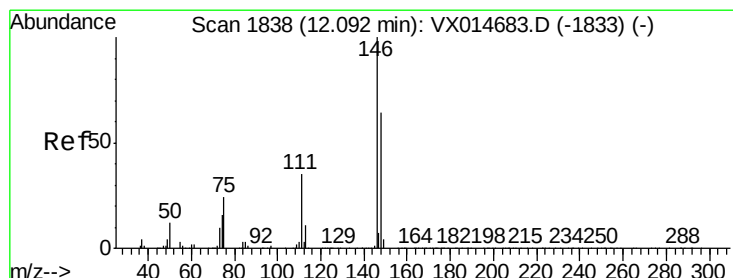
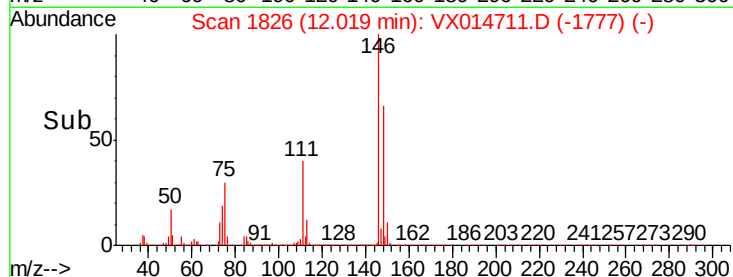
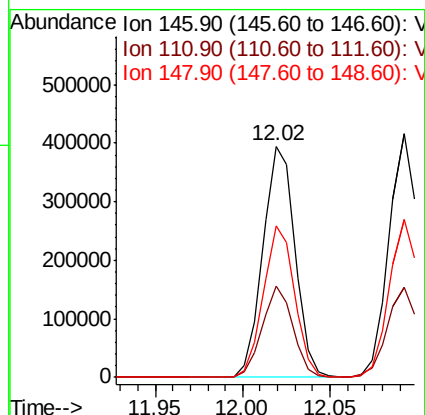
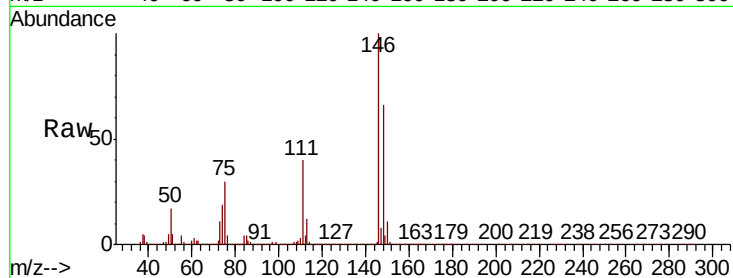
Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:146 Resp: 501294

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 37.9  | 19.0  | 57.0  |
| 148 | 64.3  | 31.6  | 95.0  |



#88

1,4-Dichlorobenzene

Concen: 48.901 ug/l

RT: 12.09 min Scan# 1838

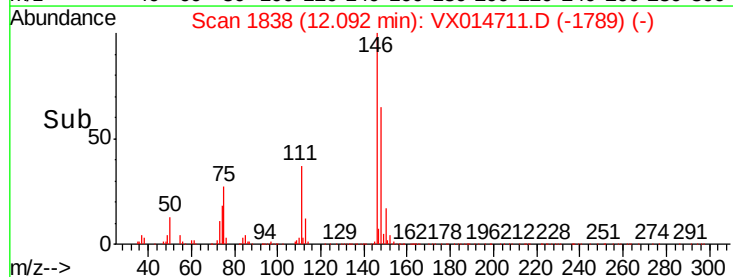
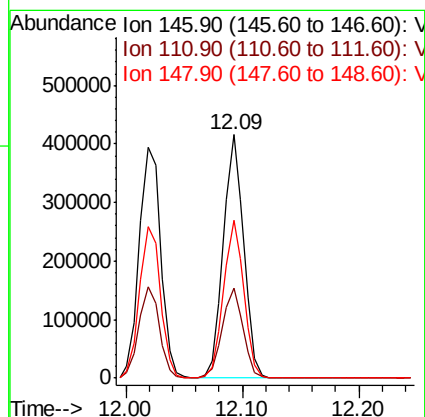
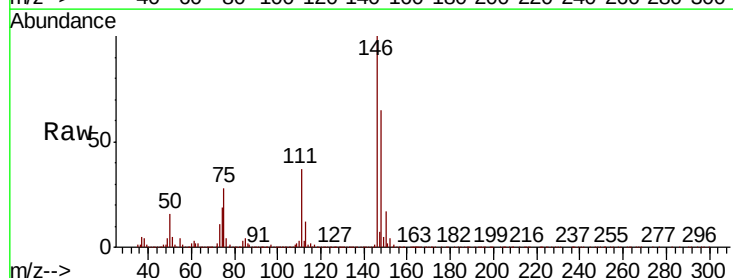
Delta R.T. -0.00 min

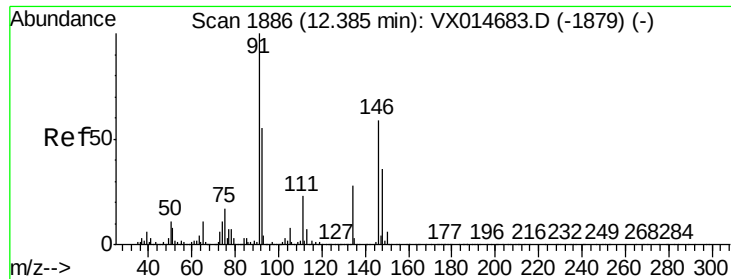
Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Tgt Ion:146 Resp: 499980

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 37.7  | 18.6  | 55.8  |
| 148 | 64.5  | 32.0  | 96.2  |

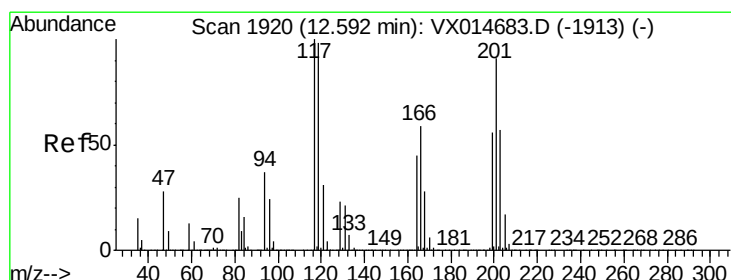
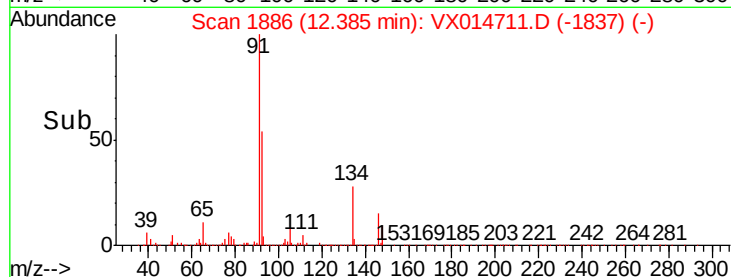
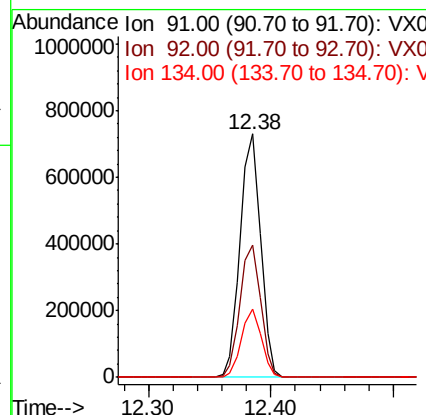
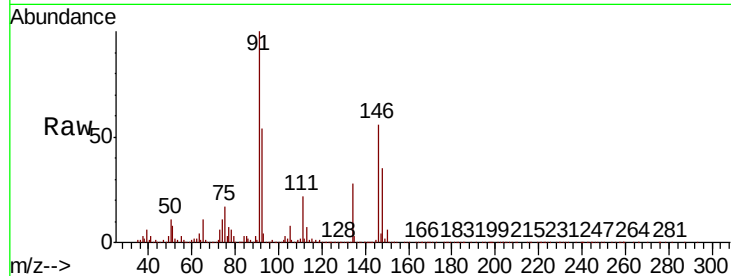




#89  
n-Butylbenzene  
Concen: 51.904 ug/l  
RT: 12.38 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

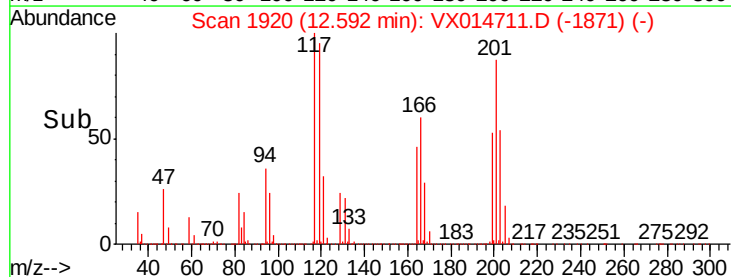
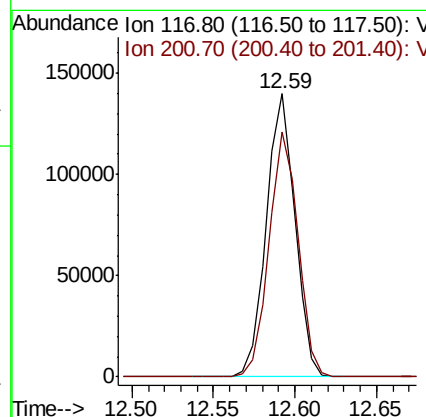
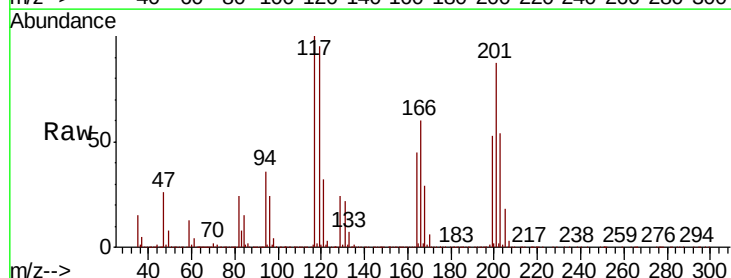
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

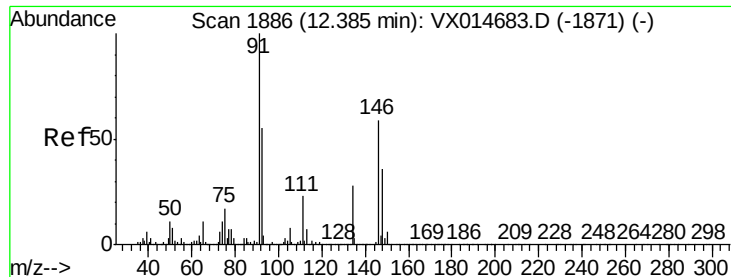
Tot Ion: 91 Resp: 843836  
Ion Ratio Lower Upper  
91 100  
92 54.8 27.6 82.7  
134 27.3 13.3 39.8



#90  
Hexachloroethane  
Concen: 49.444 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Tgt Ion: 117 Resp: 171432  
Ion Ratio Lower Upper  
117 100  
201 87.5 44.4 133.1





#91

1,2-Dichlorobenzene

Concen: 49.973 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

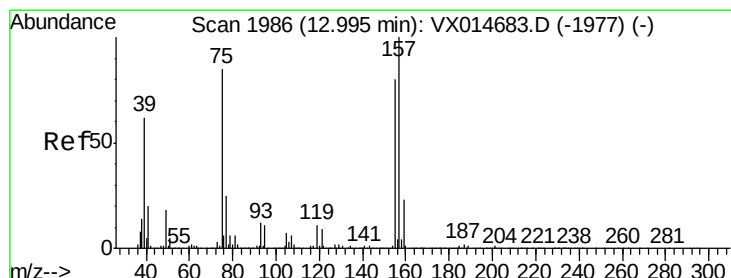
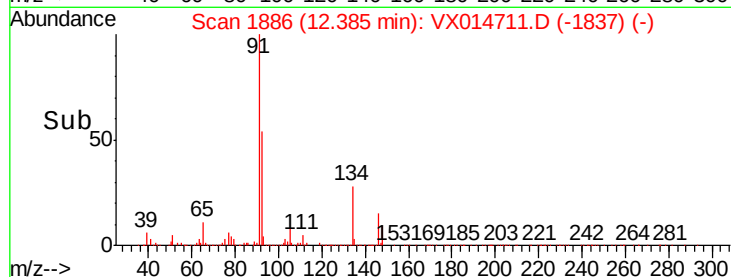
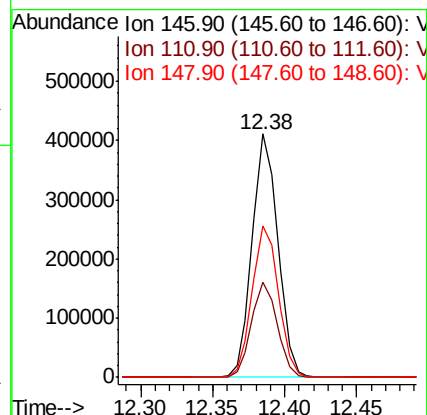
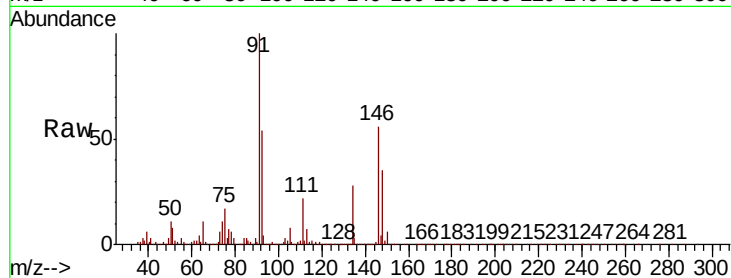
Tot Ion:146 Resp: 506609

Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.8

148 63.7 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.066 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014711.D

Acq: 24 Jan 2020 20:49

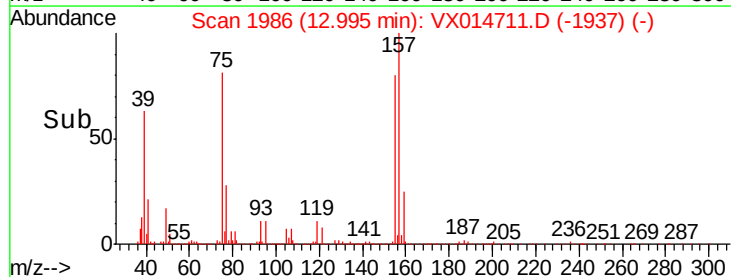
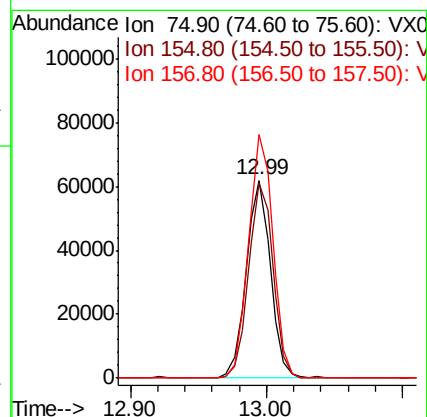
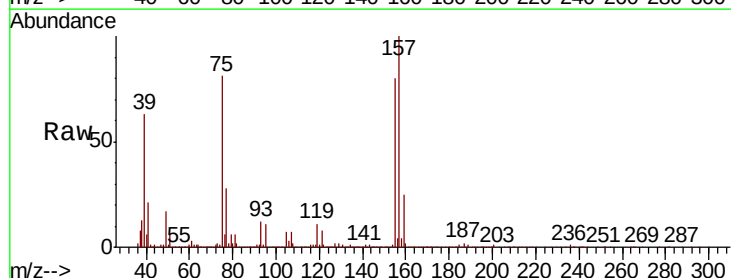
Tgt Ion: 75 Resp: 76331

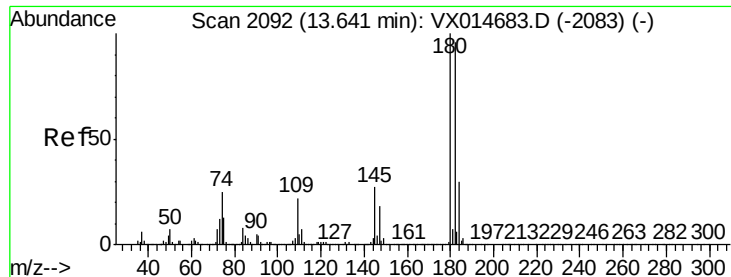
Ion Ratio Lower Upper

75 100

155 100.5 45.6 136.9

157 125.4 60.3 180.9

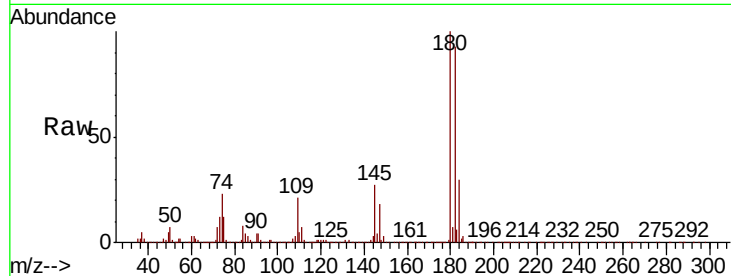




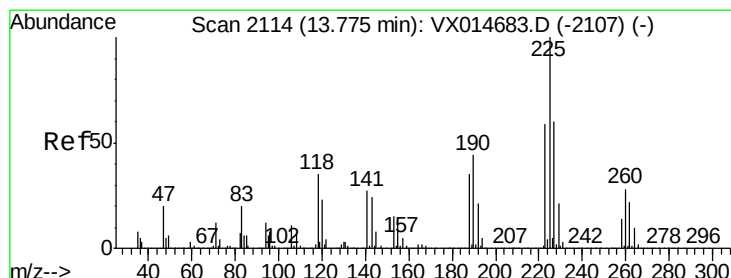
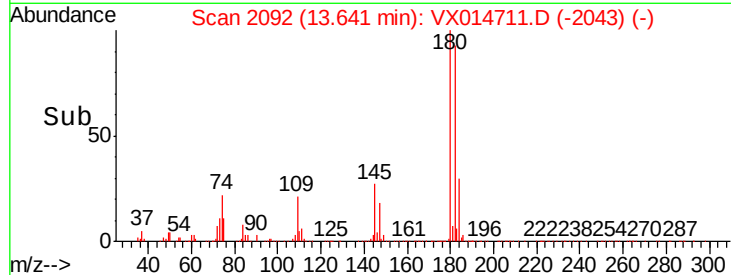
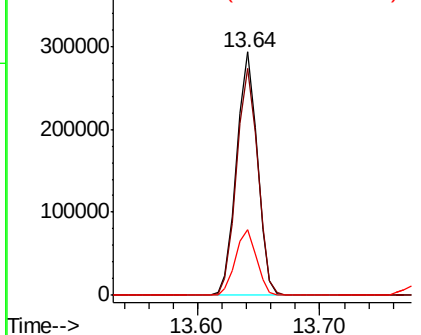
#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.484 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. -0.00 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.0  | 48.5  | 145.6 |
| 145     | 27.6  | 14.0  | 41.9  |

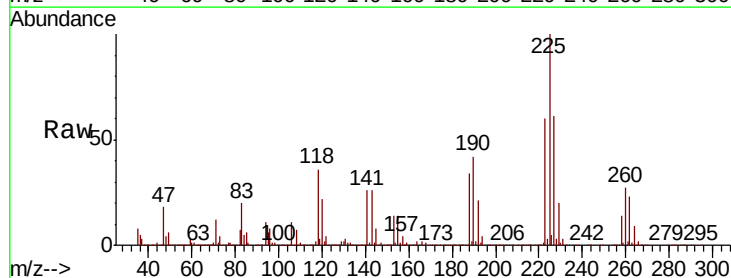


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

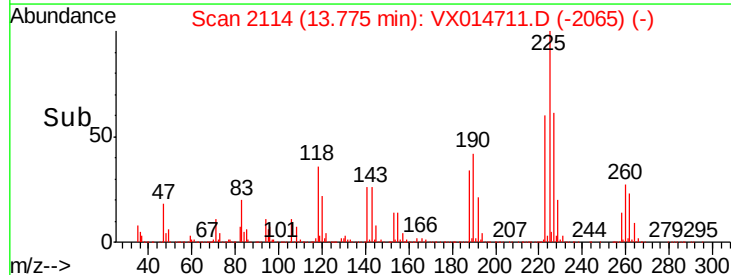
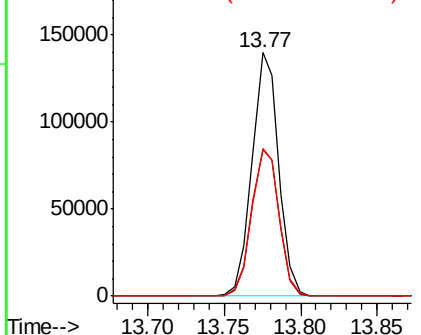


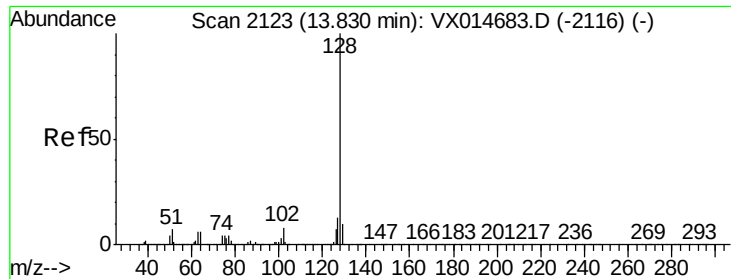
#94  
 Hexachlorobutadiene  
 Concen: 50.281 ug/l  
 RT: 13.77 min Scan# 2114  
 Delta R.T. -0.00 min  
 Lab File: VX014711.D  
 Acq: 24 Jan 2020 20:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.5  | 30.6  | 91.8  |
| 227     | 62.4  | 31.4  | 94.0  |



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

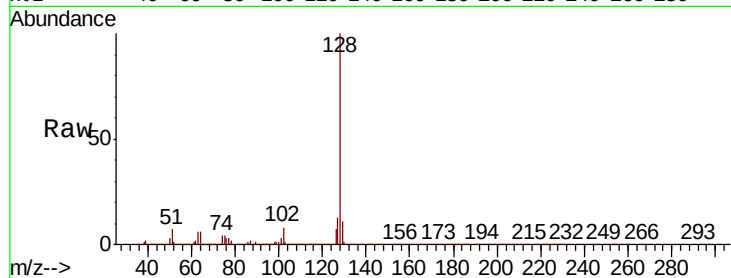




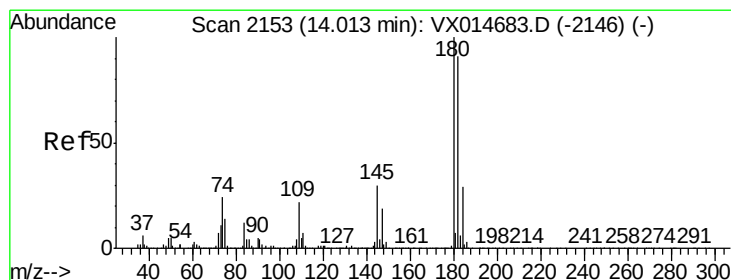
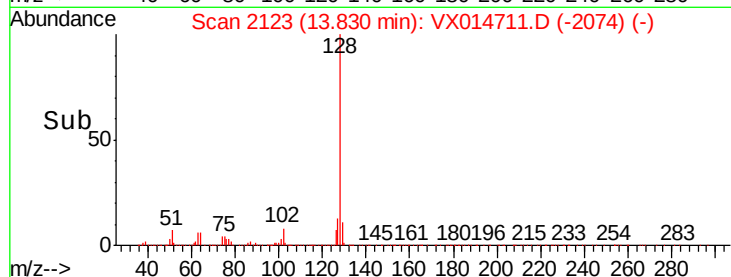
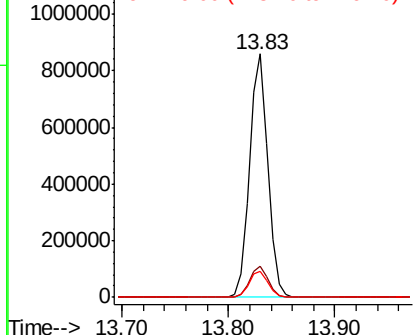
#95  
Naphthalene  
Concen: 48.984 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. 0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:128 Resp: 1032005  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 10.9 8.6 12.8

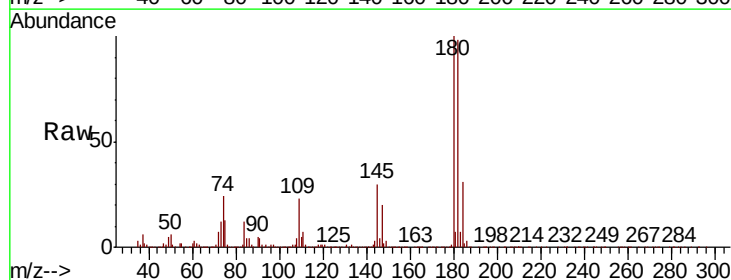


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 51.836 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. -0.00 min  
Lab File: VX014711.D  
Acq: 24 Jan 2020 20:49

Tgt Ion:180 Resp: 342575  
Ion Ratio Lower Upper  
180 100  
182 96.4 46.6 139.7  
145 30.2 14.7 44.1



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

