

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020320\  
 Data File : VX014788.D  
 Acq On : 03 Feb 2020 11:08  
 Operator : JC/SP  
 Sample : VX0203WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0203WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 2/4/2020 3:32:02 PM

Quant Time: Feb 03 11:32:45 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  | 431651   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 641693   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 586886   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 293150   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.05   | 65  | 248291   | 49.26 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.52%  |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 205055   | 50.64 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.28% |      |
| 50) Toluene-d8            | 8.71   | 98  | 776096   | 49.86 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.72%  |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 272739   | 49.19 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.38%  |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 96817   | 17.064 | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 98207   | 16.818 | ug/l | 99     |
| 4) Vinyl Chloride             | 1.41 | 62  | 111872  | 17.719 | ug/l | 98     |
| 5) Bromomethane               | 1.64 | 94  | 67399   | 15.716 | ug/l | 96     |
| 6) Chloroethane               | 1.72 | 64  | 70241   | 18.575 | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 125673  | 17.094 | ug/l | 99     |
| 8) Diethyl Ether              | 2.18 | 74  | 55525   | 17.303 | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 77304   | 17.912 | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 88873   | 15.694 | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.02 | 59  | 88317   | 78.040 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 73298   | 17.082 | ug/l | 98     |
| 13) Acrolein                  | 2.28 | 56  | 69035   | 77.367 | ug/l | 100    |
| 14) Allyl chloride            | 2.72 | 41  | 133150  | 17.264 | ug/l | 98     |
| 15) Acrylonitrile             | 3.13 | 53  | 220235  | 84.109 | ug/l | 99     |
| 16) Acetone                   | 2.43 | 43  | 269573  | 97.670 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.56 | 76  | 185274  | 15.798 | ug/l | 99     |
| 18) Methyl Acetate            | 2.76 | 43  | 139409  | 17.679 | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 248595  | 17.688 | ug/l | 100    |
| 20) Methylene Chloride        | 2.85 | 84  | 88035   | 17.221 | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 78887   | 16.697 | ug/l | 99     |
| 22) Diisopropyl ether         | 3.84 | 45  | 275582  | 17.959 | ug/l | 100    |
| 23) Vinyl Acetate             | 3.80 | 43  | 1024943 | 87.622 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 148291  | 17.795 | ug/l | 100    |
| 25) 2-Butanone                | 4.65 | 43  | 336840  | 85.100 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 119394  | 17.899 | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 89412   | 16.909 | ug/l | 99     |
| 28) Bromochloromethane        | 5.00 | 49  | 66229   | 18.085 | ug/l | 98     |
| 29) Tetrahydrofuran           | 5.11 | 42  | 193265  | 82.267 | ug/l | 99     |
| 30) Chloroform                | 5.20 | 83  | 146430  | 17.738 | ug/l | 97     |
| 31) Cyclohexane               | 5.57 | 56  | 132627  | 16.921 | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 124335  | 17.818 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 106498  | 17.861 | ug/l | 98     |
| 37) Ethyl Acetate             | 4.82 | 43  | 114870  | 16.820 | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 103599  | 18.193 | ug/l | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020320\  
 Data File : VX014788.D  
 Acq On : 03 Feb 2020 11:08  
 Operator : JC/SP  
 Sample : VX0203WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0203WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 2/4/2020 3:32:02 PM

Quant Time: Feb 03 11:32:45 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   | 129065   | 17.278  | ug/l   | 96       |
| 40) Benzene                    | 6.13  | 78   | 330397   | 17.934  | ug/l   | 97       |
| 41) Methacrylonitrile          | 5.02  | 41   | 64127    | 16.287  | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 120333   | 18.914  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 194910   | 17.429  | ug/l   | 98       |
| 44) Trichloroethene            | 7.20  | 130  | 90624    | 17.415  | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 7.50  | 63   | 87747    | 18.488  | ug/l   | 97       |
| 46) Dibromomethane             | 7.65  | 93   | 57150    | 18.592  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.89  | 83   | 112834   | 18.715  | ug/l   | 95       |
| 48) Methyl methacrylate        | 7.76  | 41   | 94825    | 17.747  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 38026    | 335.730 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone       | 8.63  | 43   | 609267   | 86.320  | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 208430   | 18.405  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 119319   | 18.380  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 135526   | 18.977  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 85058    | 18.345  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 125042   | 17.124  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 144376   | 18.215  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 214872   | 92.148  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 471548   | 86.095  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 88828    | 18.354  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 87349    | 17.818  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.33  | 164  | 102516   | 17.647  | ug/l   | 96       |
| 65) Chlorobenzene              | 10.13 | 112  | 223384   | 17.795  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 84093    | 18.169  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 388129   | 18.108  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.35 | 106  | 295842   | 36.432  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 142531   | 18.181  | ug/l   | 100      |
| 70) Styrene                    | 10.71 | 104  | 240492   | 18.288  | ug/l   | 100      |
| 71) Bromoform                  | 10.85 | 173  | 66414    | 18.044  | ug/l   | 98       |
| 73) Isopropylbenzene           | 11.01 | 105  | 382214   | 18.543  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.89 | 43   | 160126   | 17.728  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 128096   | 17.405  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 108700m  | 15.938  | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 100308   | 18.114  | ug/l   | 97       |
| 78) n-propylbenzene            | 11.35 | 91   | 437773   | 18.711  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 259428   | 18.326  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 320774   | 18.750  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 39398    | 16.439  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 299122   | 18.560  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 296759   | 18.460  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 321657   | 18.745  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 372640   | 18.922  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 340441   | 18.706  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 174742   | 17.559  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 178758   | 17.932  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 284313   | 17.936  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 59397    | 17.570  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.38 | 146  | 175804   | 17.787  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 25948    | 16.410  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020320\  
Data File : VX014788.D  
Acq On : 03 Feb 2020 11:08  
Operator : JC/SP  
Sample : VX0203WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

Manual Integrations  
APPROVED

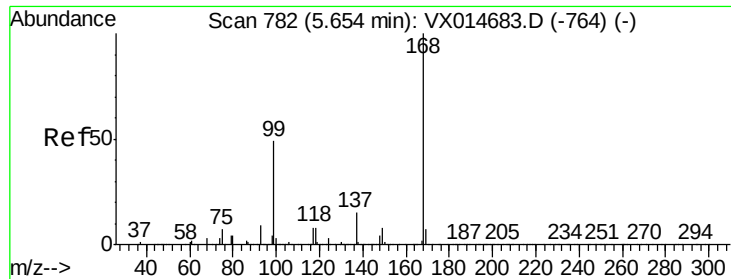
MMDadoda  
2/4/2020 3:32:02 PM

Quant Time: Feb 03 11:32:45 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  | 112360   | 17.632 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.77 | 225  | 60800    | 18.538 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 328262   | 16.608 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 117210   | 18.190 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBS01

Tot Ion:168 Resp: 431651

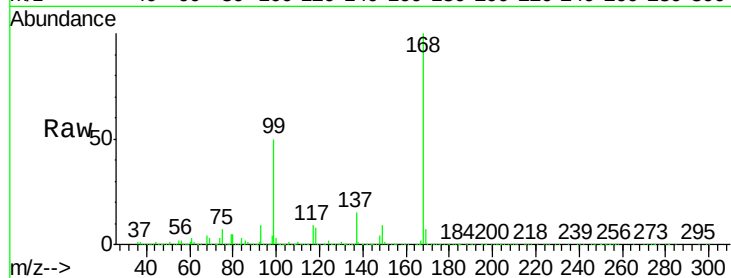
Ion Ratio Lower Upper

168 100

99 49.5 39.8 59.6

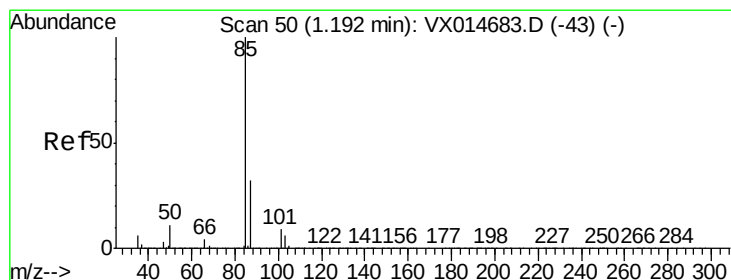
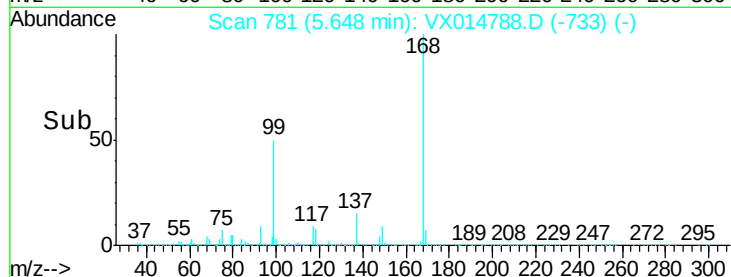
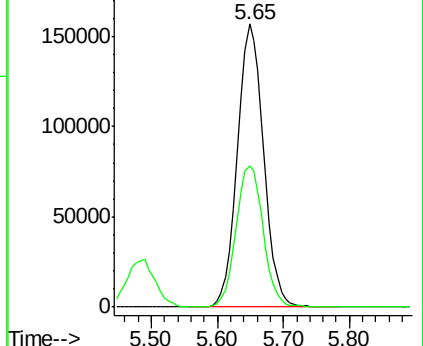
Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.064 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014788.D

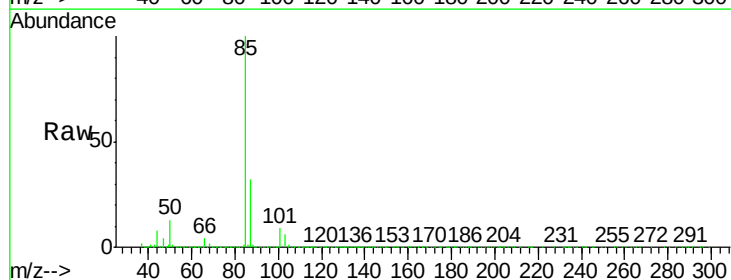
Acq: 03 Feb 2020 11:08

Tgt Ion: 85 Resp: 96817

Ion Ratio Lower Upper

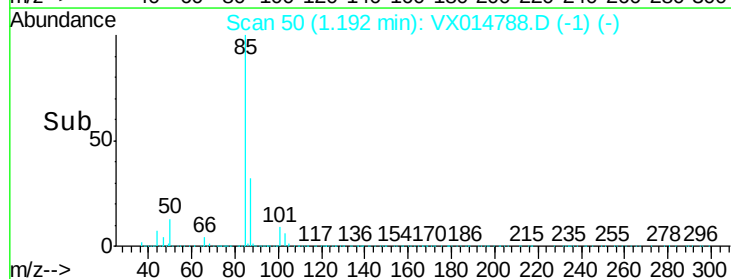
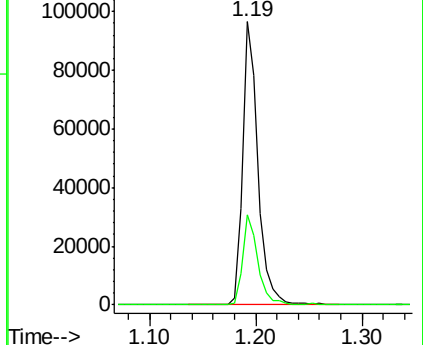
85 100

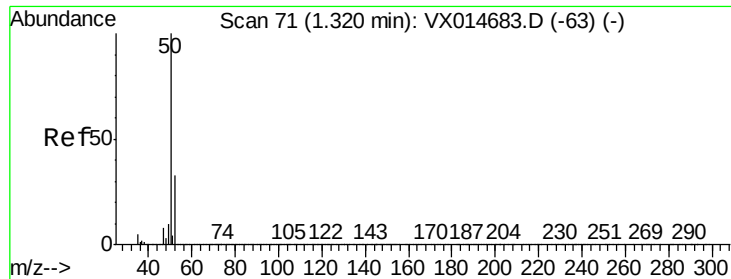
87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





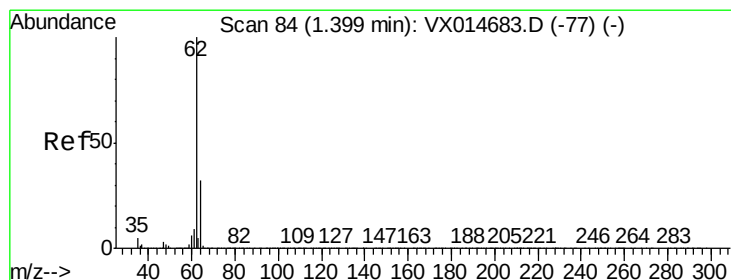
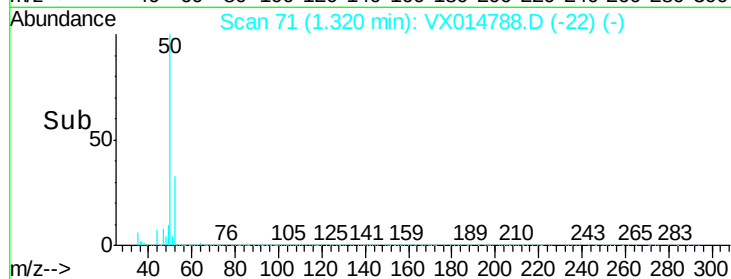
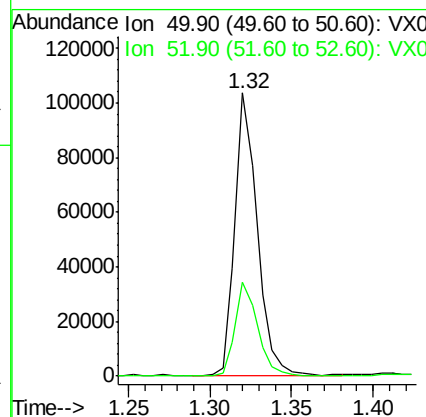
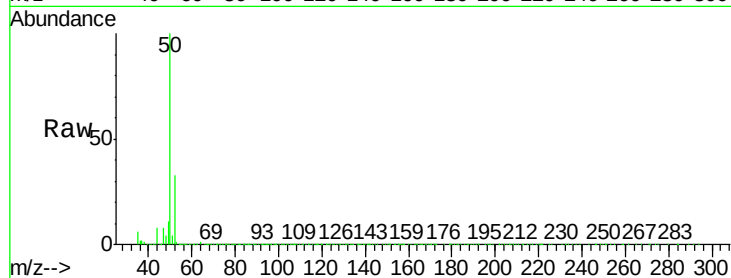
#3  
Chloromethane  
Concen: 16.818 ug/l  
RT: 1.32 min Scan# 71  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

| Tot Ion   | 50   | Resp  | 98207 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 52        | 33.1 | 26.2  | 39.2  |

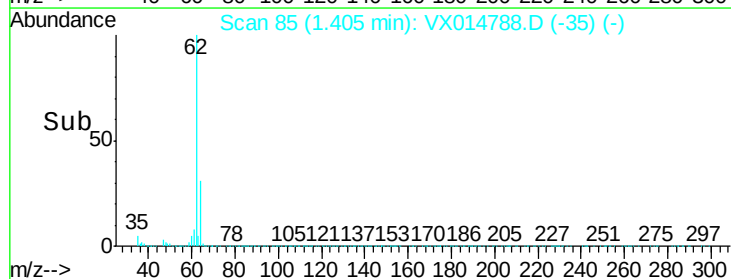
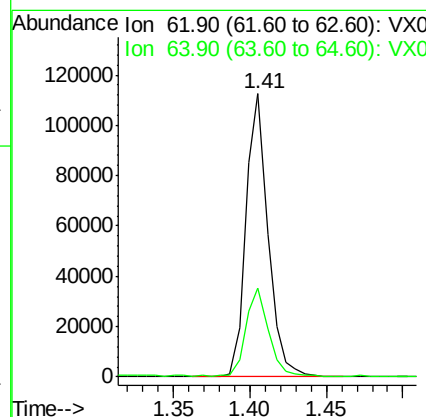
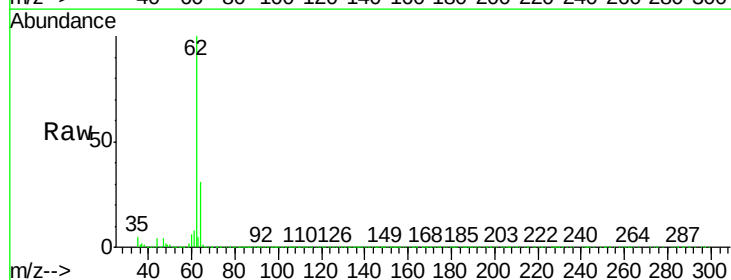
Manual Integrations  
APPROVED

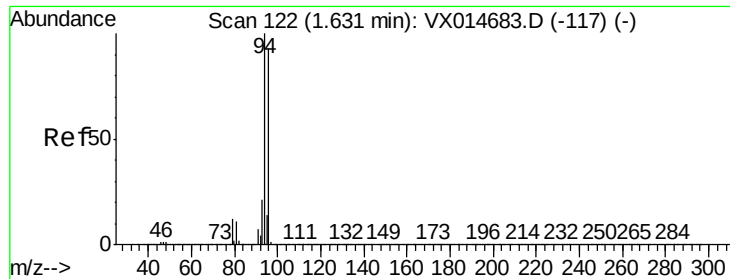
MMDadoda  
2/4/2020 3:32:02 PM



#4  
Vinyl Chloride  
Concen: 17.719 ug/l  
RT: 1.41 min Scan# 85  
Delta R.T. 0.01 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion   | 62   | Resp  | 111872 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 64        | 30.8 | 25.4  | 38.2   |





#5

Bromomethane

Concen: 15.716 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBS01

Tot Ion: 94 Resp: 67399

Ion Ratio Lower Upper

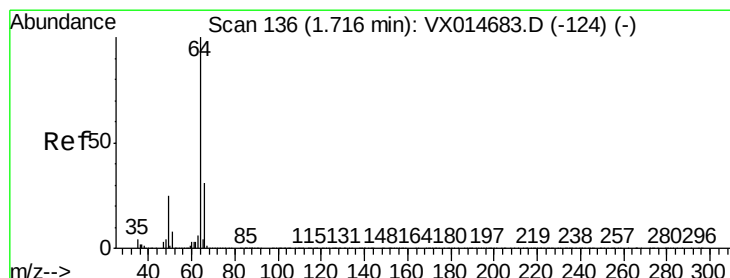
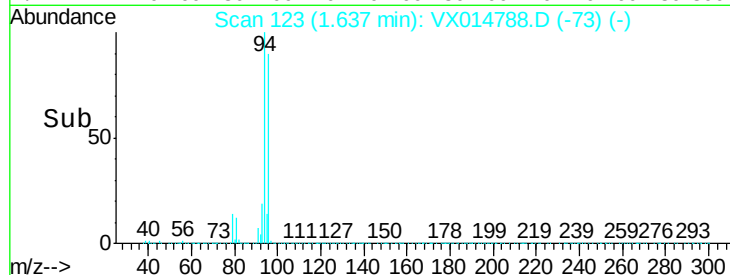
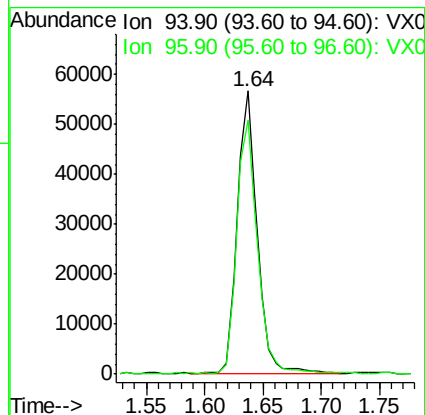
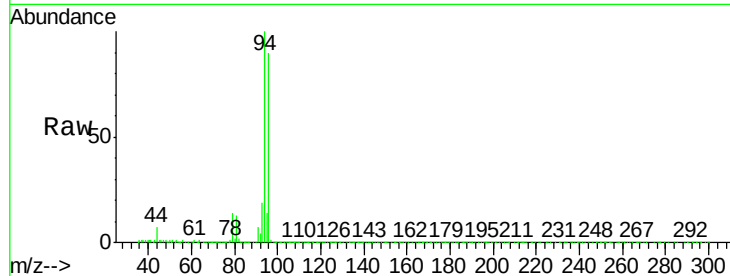
94 100

96 89.5 74.7 112.1

Manual Integrations  
APPROVED

MMDadoda

2/4/2020 3:32:02 PM



#6

Chloroethane

Concen: 18.575 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014788.D

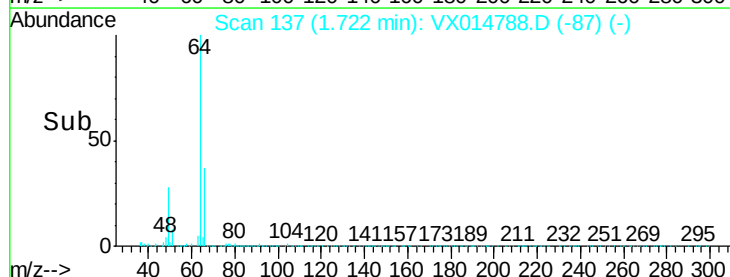
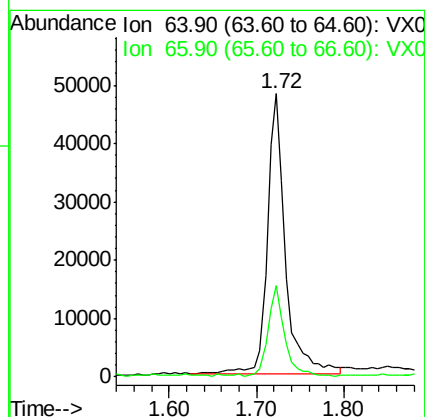
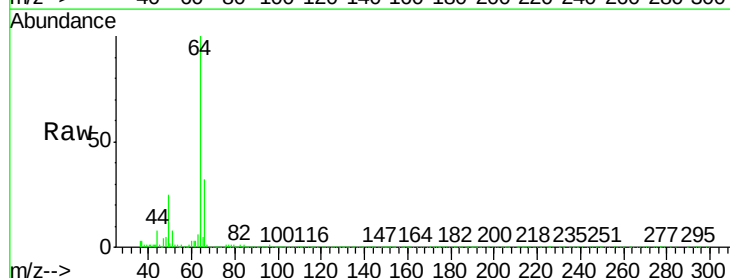
Acq: 03 Feb 2020 11:08

Tgt Ion: 64 Resp: 70241

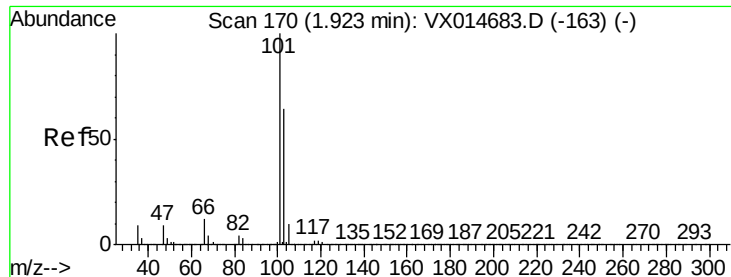
Ion Ratio Lower Upper

64 100

66 32.0 25.2 37.8







#7

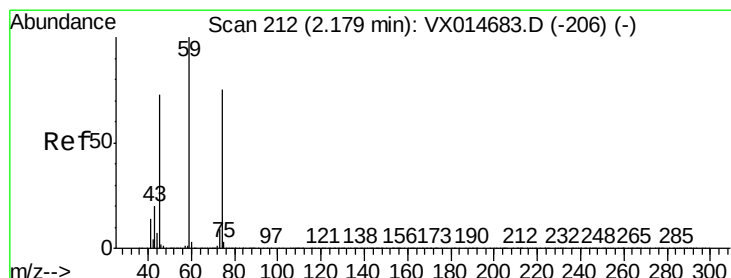
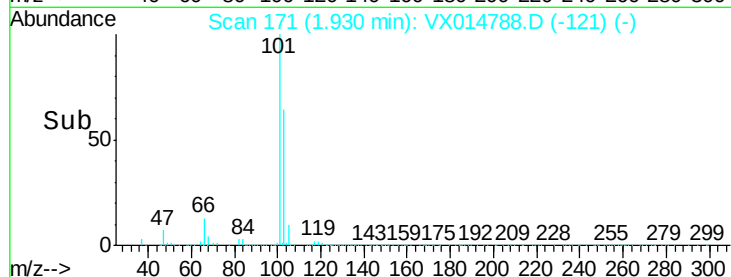
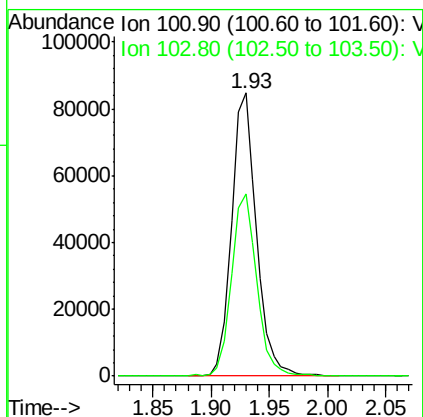
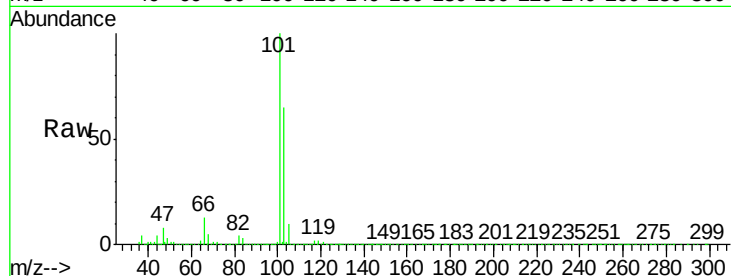
Trichlorofluoromethane  
Concen: 17.094 ug/l  
RT: 1.93 min Scan# 171  
Delta R.T. 0.01 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.3  | 51.0  | 76.6  |

Manual Integrations  
APPROVED

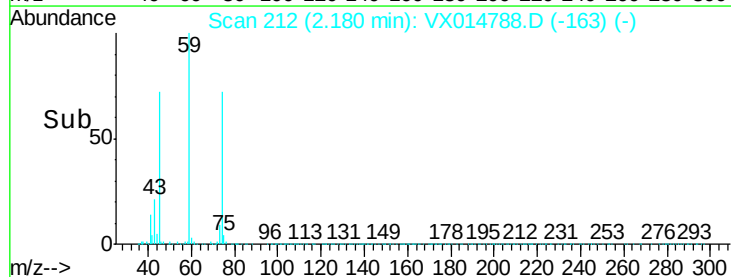
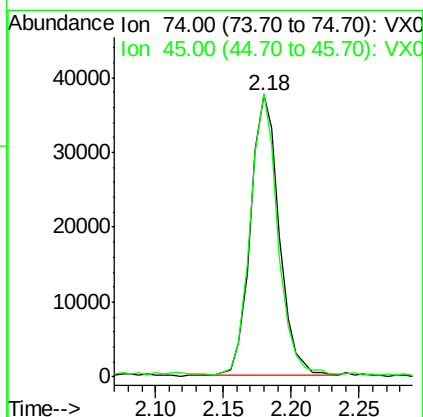
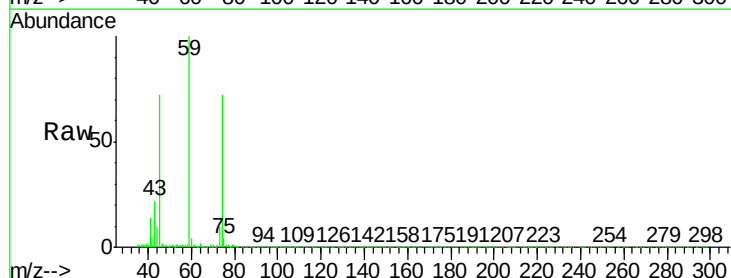
MMDadoda  
2/4/2020 3:32:02 PM



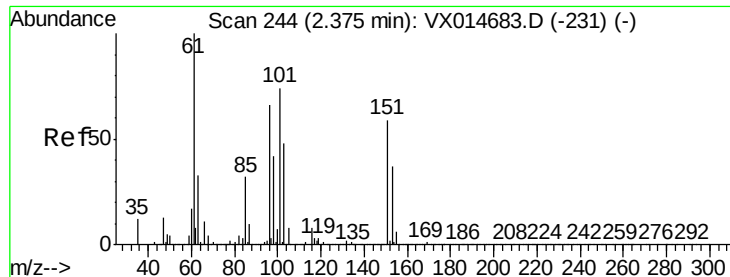
#8

Diethyl Ether  
Concen: 17.303 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 96.9  | 49.4  | 148.0 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.912 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

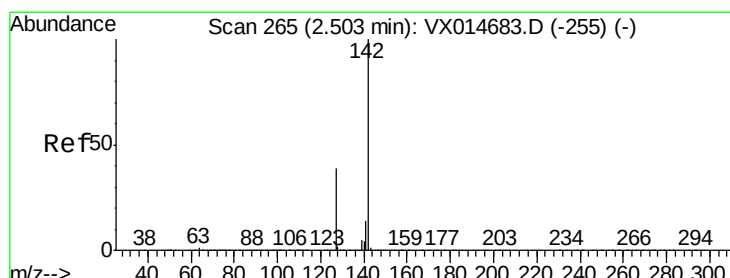
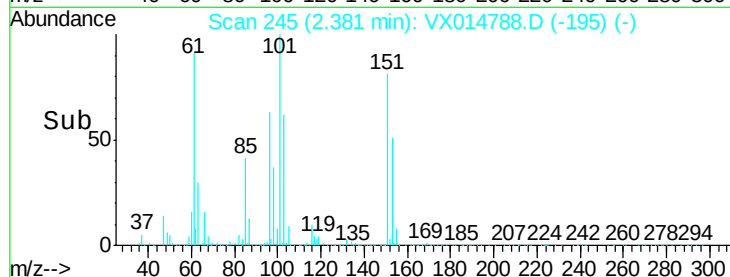
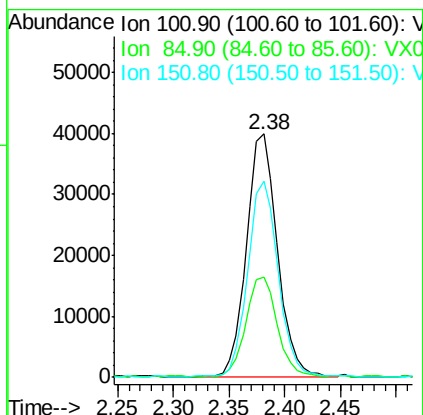
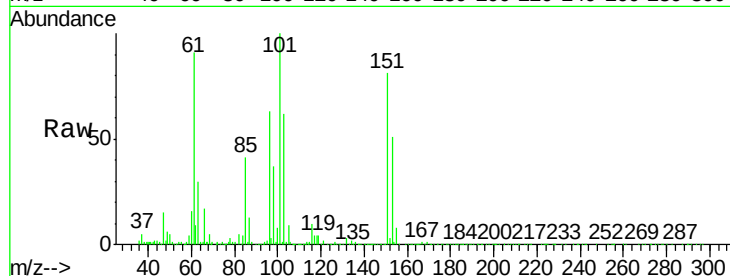
ClientSampleId :

VX0203WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 77304 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 41.7  | 34.7  | 52.1  |
| 151       | 80.8  | 64.7  | 97.1  |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



#10

Methyl Iodide

Concen: 15.694 ug/l

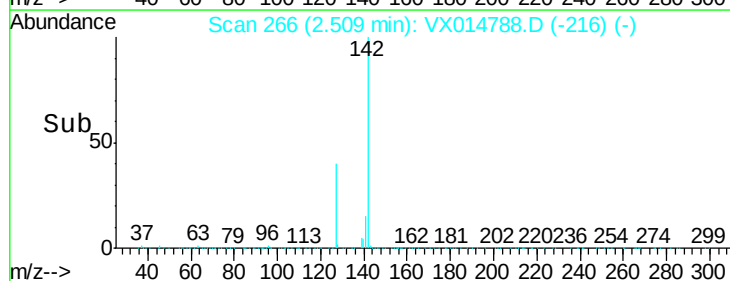
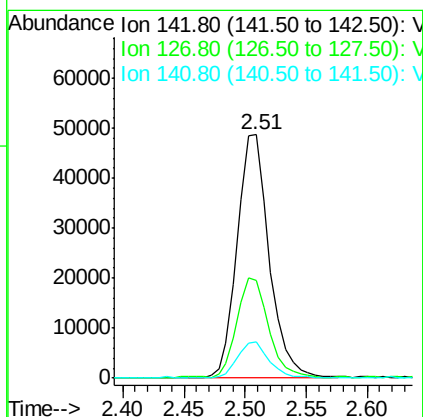
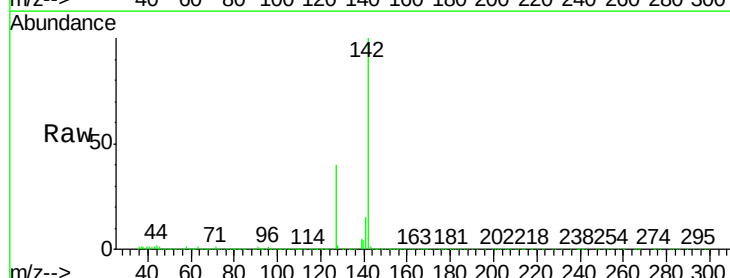
RT: 2.51 min Scan# 266

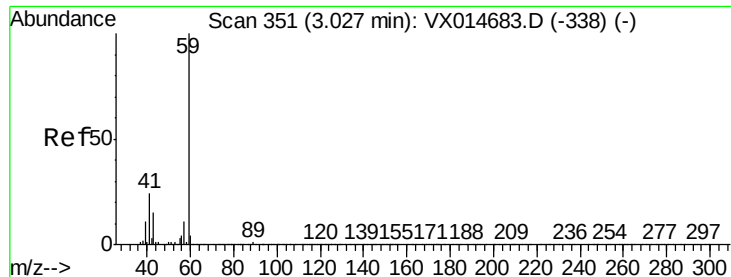
Delta R.T. 0.01 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 88873 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 39.5  | 31.1  | 46.7  |
| 141       | 14.8  | 11.3  | 16.9  |





#11

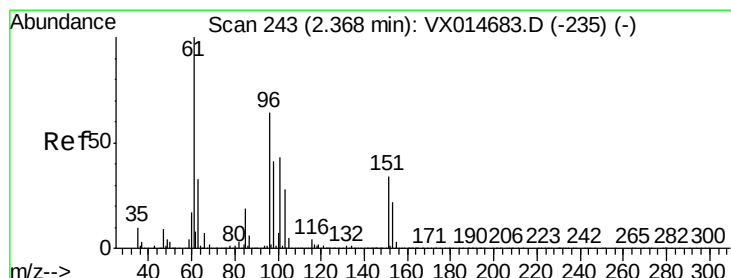
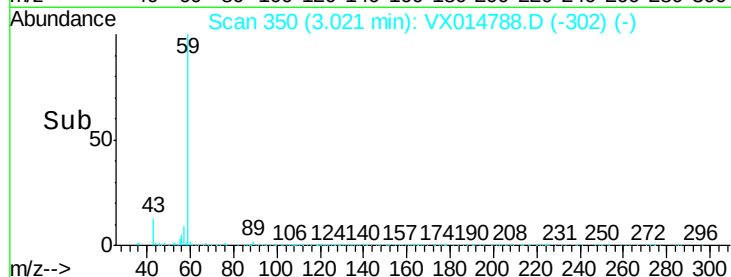
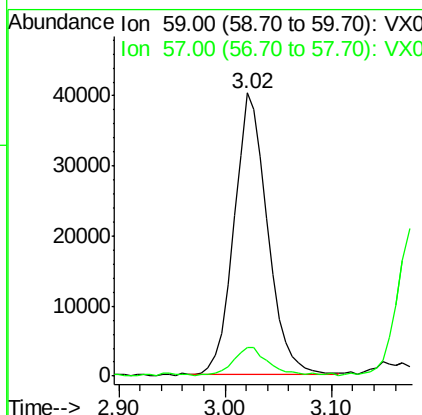
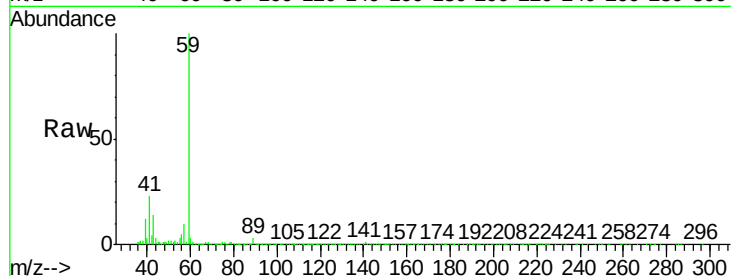
Tert butyl alcohol  
Concen: 78.040 ug/l  
RT: 3.02 min Scan# 350  
Delta R.T. -0.01 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 11.0  | 8.3   | 12.5  |

Manual Integrations  
APPROVED

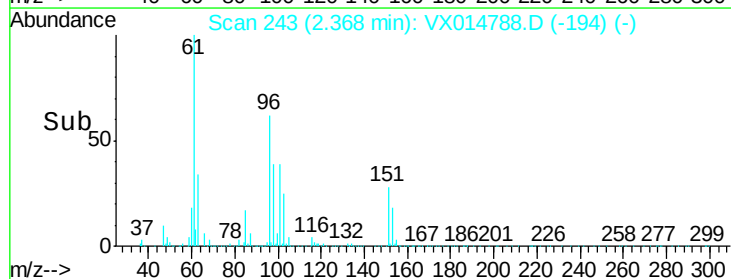
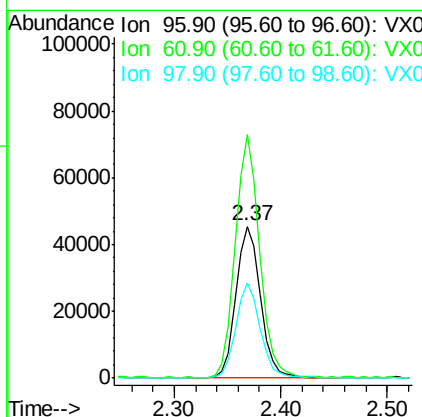
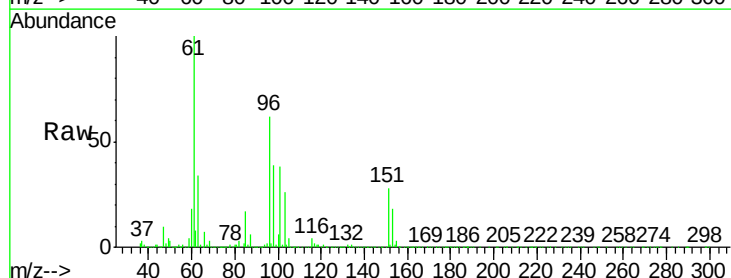
MMDadoda  
2/4/2020 3:32:02 PM

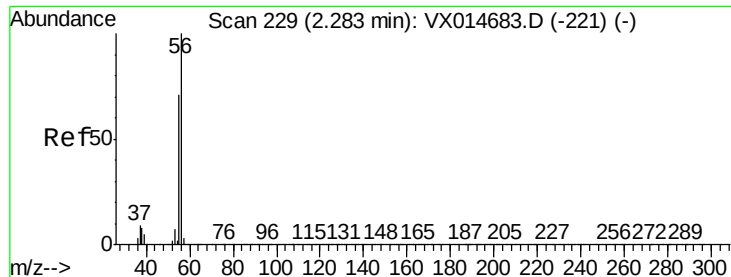


#12

1,1-Dichloroethene  
Concen: 17.082 ug/l  
RT: 2.37 min Scan# 243  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 159.8 | 125.8 | 188.8 |
| 98      | 62.9  | 51.5  | 77.3  |





#13

Acrolein

Concen: 77.367 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBS01

Tot Ion: 56 Resp: 69035

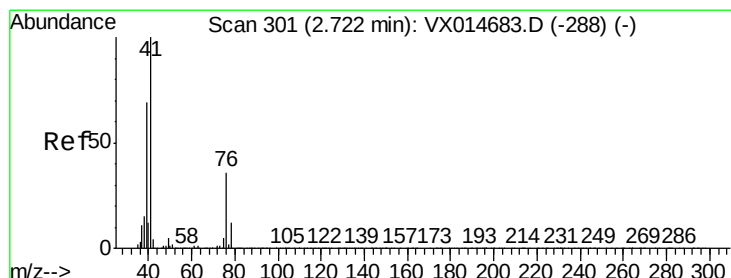
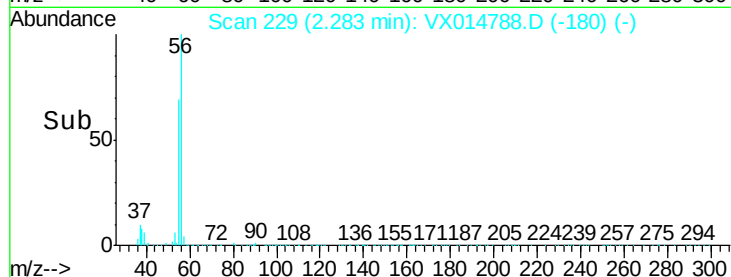
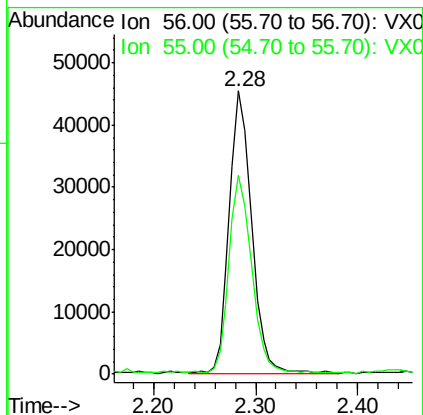
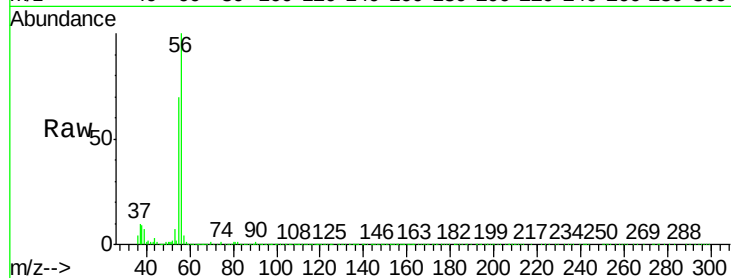
Ion Ratio Lower Upper

56 100

55 70.8 56.6 84.8

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



#14

Allyl chloride

Concen: 17.264 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

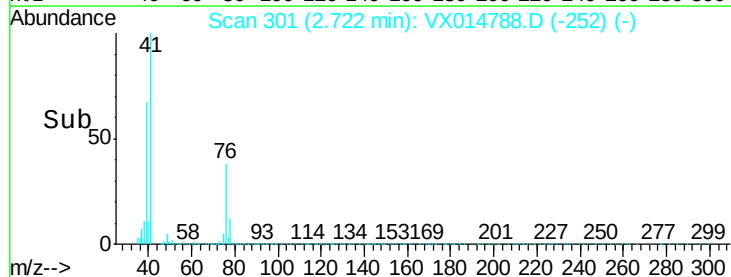
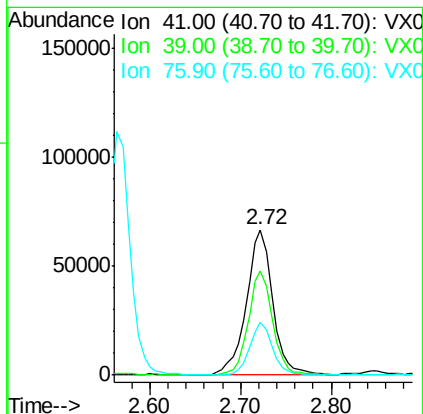
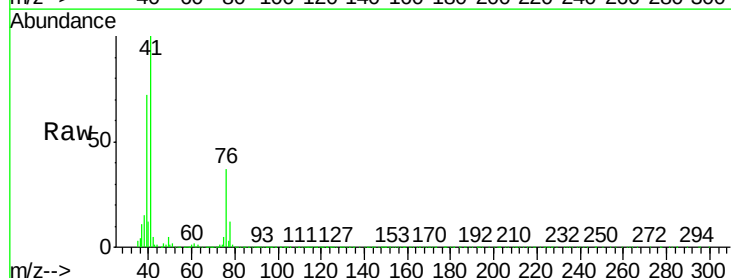
Tgt Ion: 41 Resp: 133150

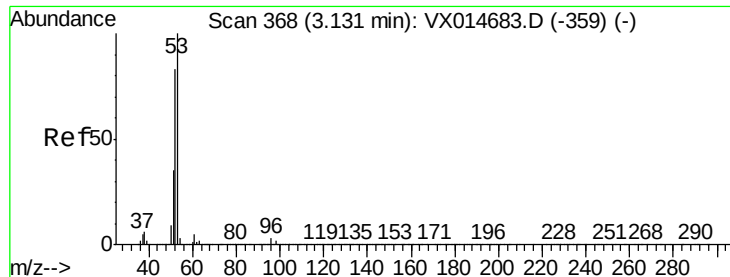
Ion Ratio Lower Upper

41 100

39 65.4 52.0 78.0

76 30.6 26.0 39.0





#15

Acrylonitrile

Concen: 84.109 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

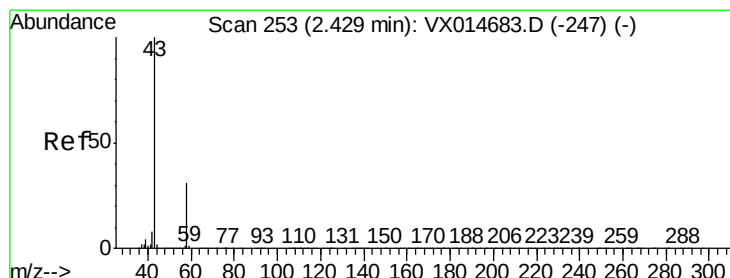
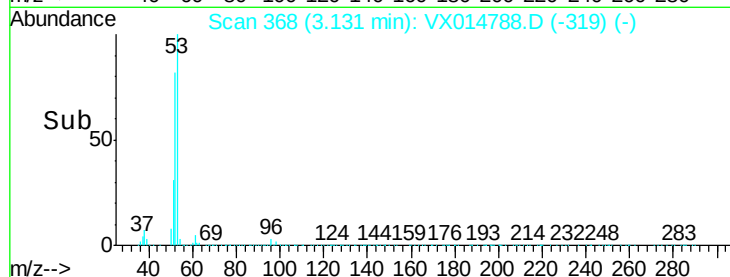
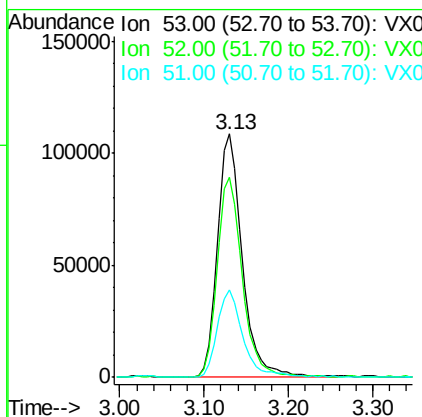
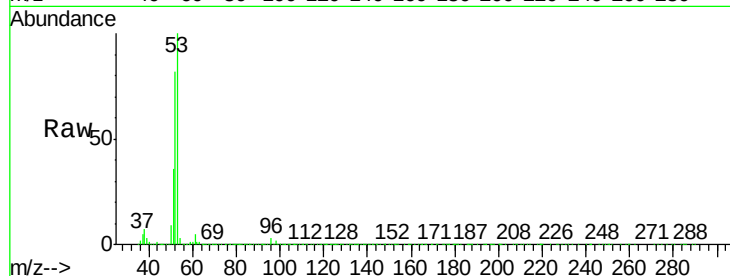
ClientSampleId :

VX0203WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 220235 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 83.0 | 66.4  | 99.6   |
| 51        | 37.3 | 28.7  | 43.1   |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



#16

Acetone

Concen: 97.670 ug/l

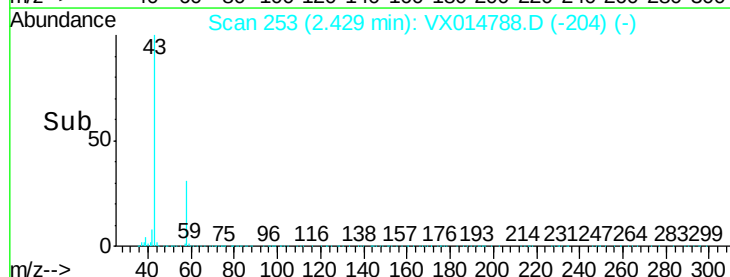
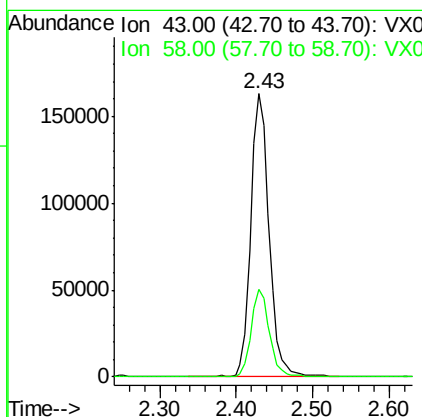
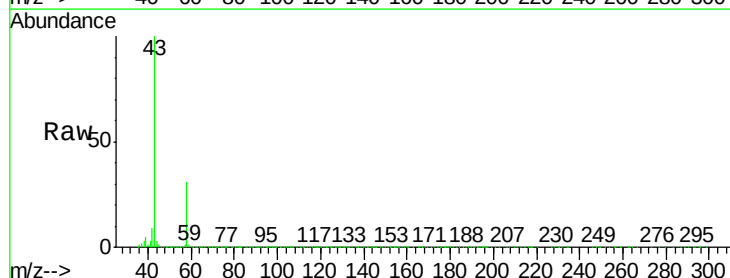
RT: 2.43 min Scan# 253

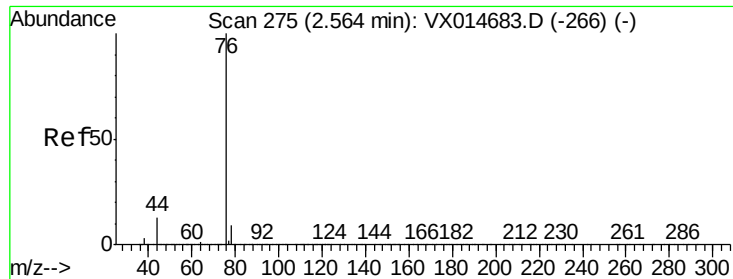
Delta R.T. 0.00 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 269573 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 30.7 | 24.5  | 36.7   |





#17

Carbon Disulfide

Concen: 15.798 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBS01

Tot Ion: 76 Resp: 185274

Ion Ratio Lower Upper

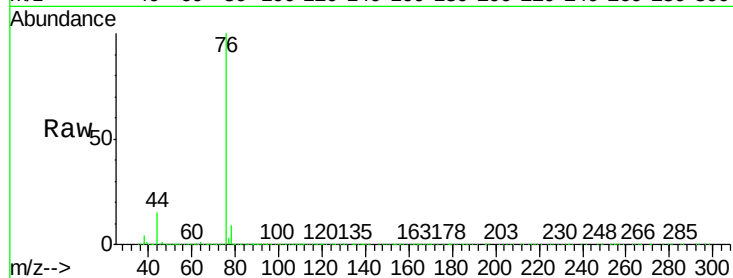
76 100

78 9.3 7.2 10.8

Manual Integrations  
APPROVED

MMDadoda

2/4/2020 3:32:02 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

120000

100000

80000

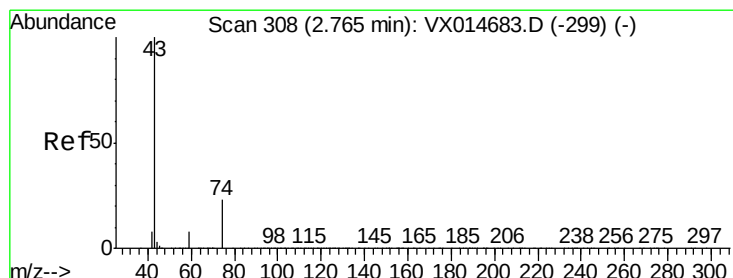
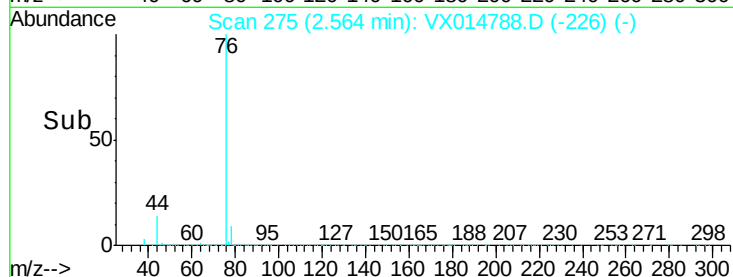
60000

40000

20000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 17.679 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014788.D

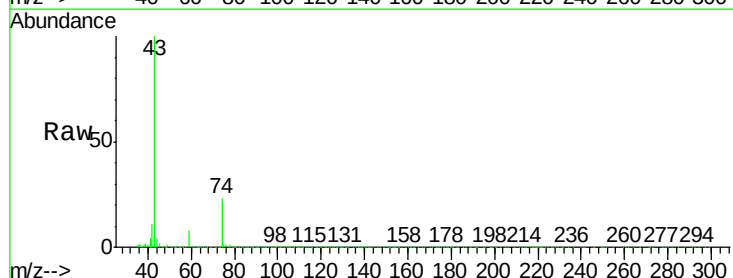
Acq: 03 Feb 2020 11:08

Tgt Ion: 43 Resp: 139409

Ion Ratio Lower Upper

43 100

74 23.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

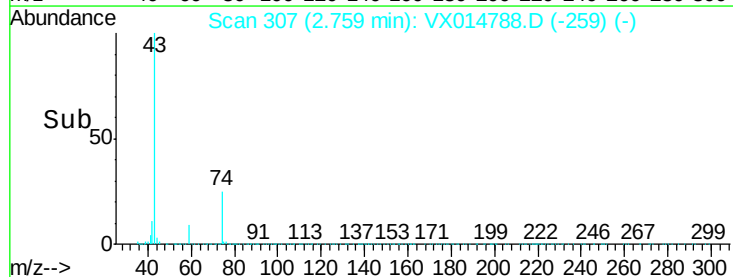
60000

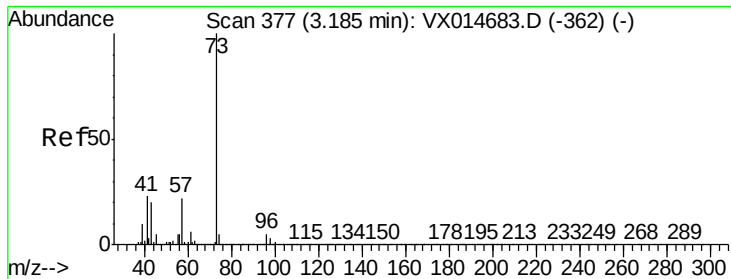
40000

20000

0

Time--> 2.70 2.75 2.80 2.85





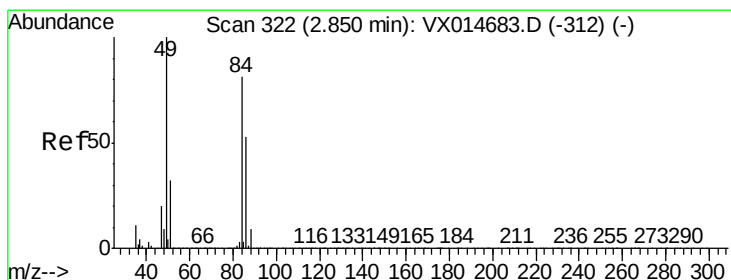
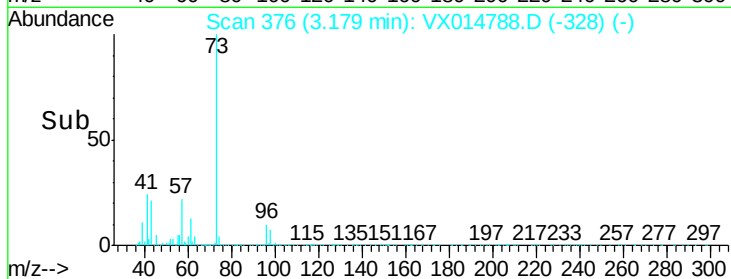
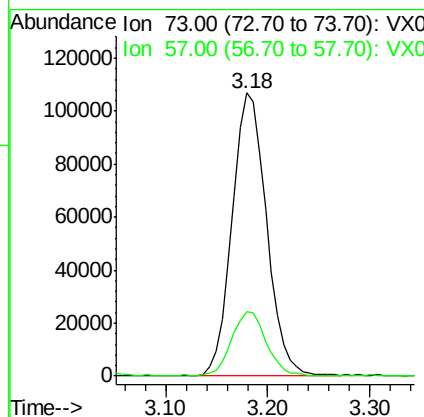
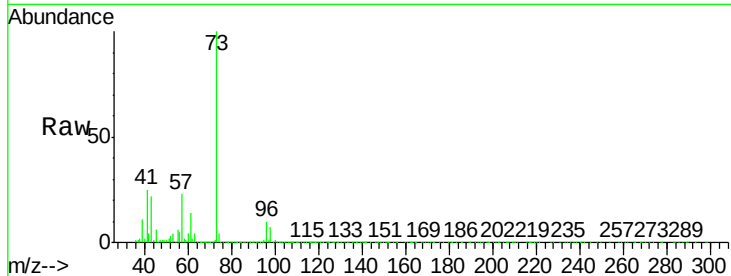
#19  
Methyl tert-butyl Ether  
Concen: 17.688 ug/l  
RT: 3.18 min Scan# 376  
Delta R.T. -0.01 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.4  | 18.0  | 27.0  |

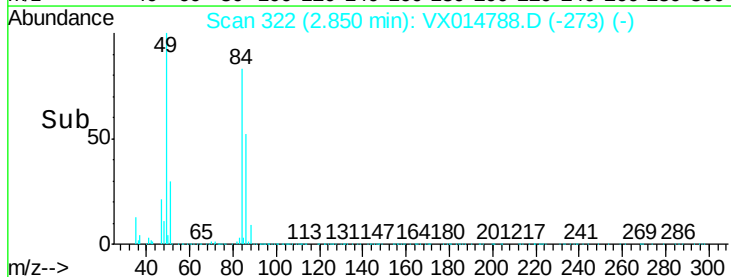
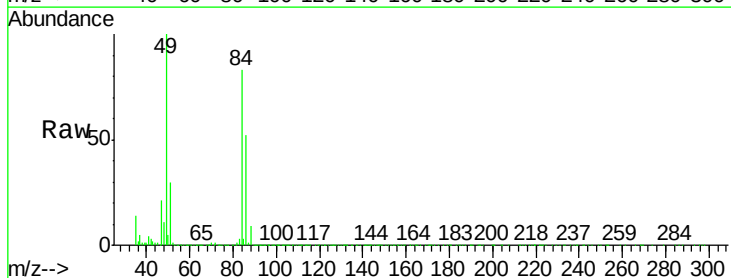
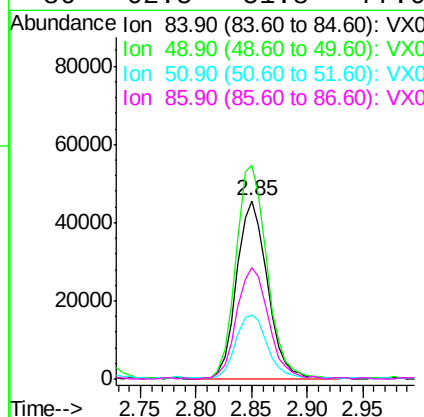
Manual Integrations  
APPROVED

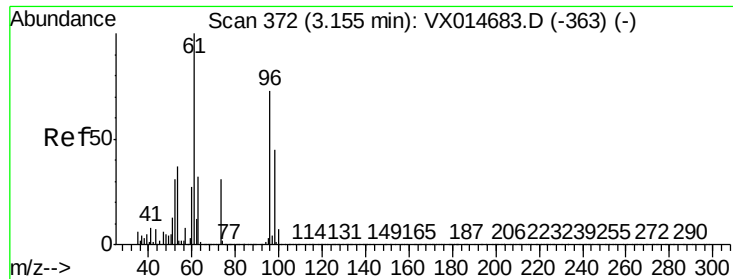
MMDadoda  
2/4/2020 3:32:02 PM



#20  
Methylene Chloride  
Concen: 17.221 ug/l  
RT: 2.85 min Scan# 322  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 119.2 | 98.2  | 147.4 |
| 51      | 35.5  | 31.3  | 46.9  |
| 86      | 62.5  | 51.8  | 77.6  |





#21

trans-1,2-Dichloroethene

Concen: 16.697 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

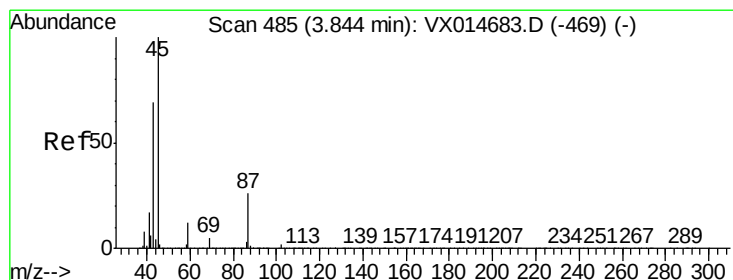
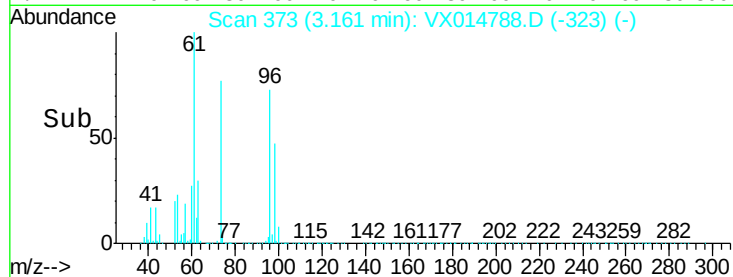
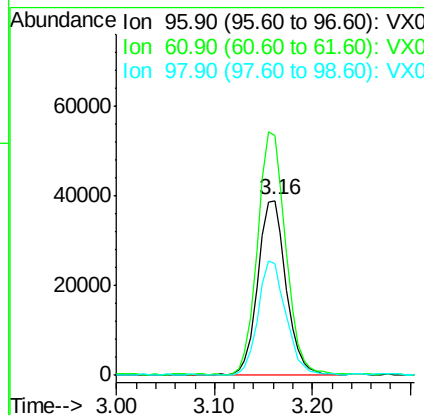
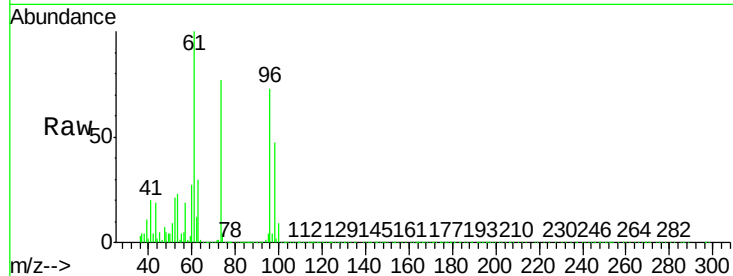
ClientSampleId :

VX0203WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 78887 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 136.2 | 109.8 | 164.6 |
| 98       | 63.6  | 49.6  | 74.4  |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



#22

Diisopropyl ether

Concen: 17.959 ug/l

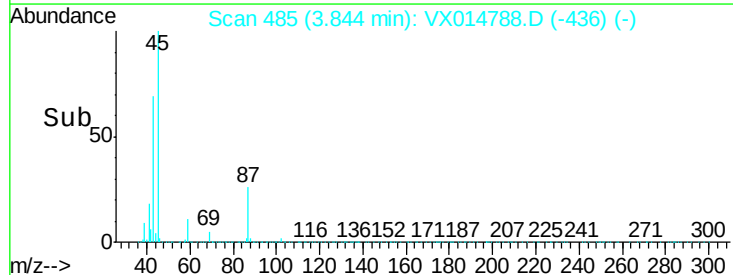
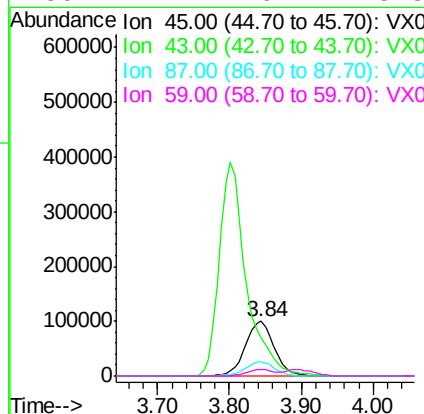
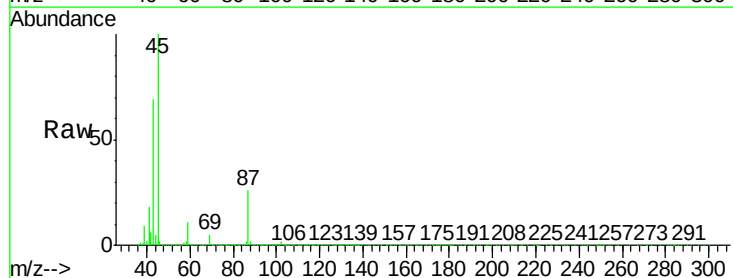
RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

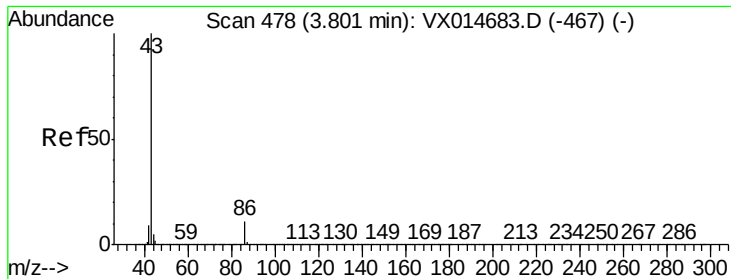
Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 275582 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 69.2  | 55.1  | 82.7   |
| 87       | 26.0  | 20.7  | 31.1   |
| 59       | 11.2  | 9.2   | 13.8   |







#23

Vinyl Acetate

Concen: 87.622 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBS01

Tot Ion: 43 Resp: 1024943

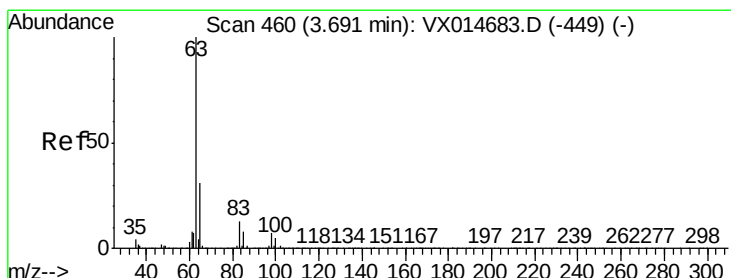
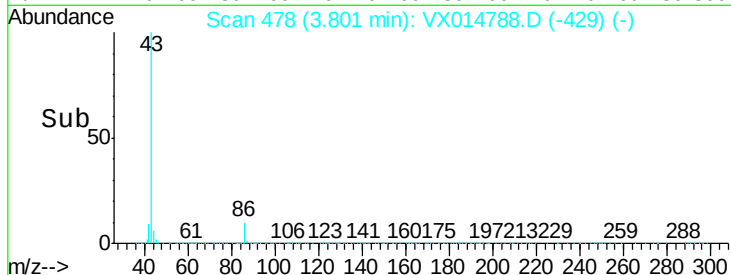
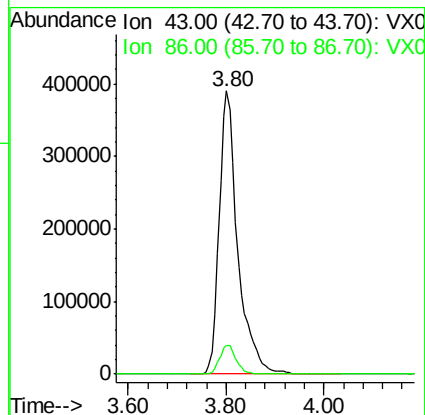
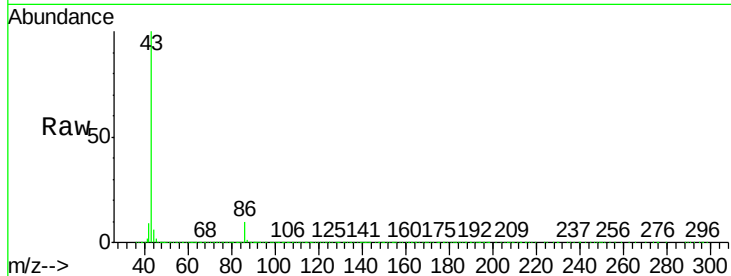
Ion Ratio Lower Upper

43 100

86 10.1 8.4 12.6

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



#24

1,1-Dichloroethane

Concen: 17.795 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

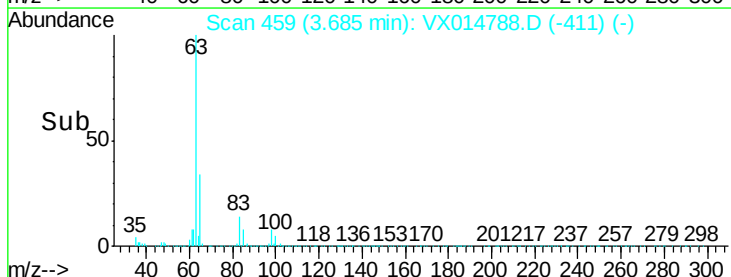
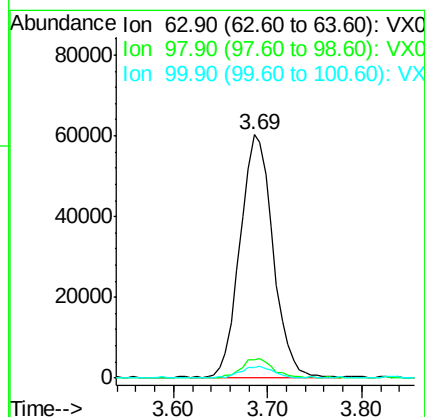
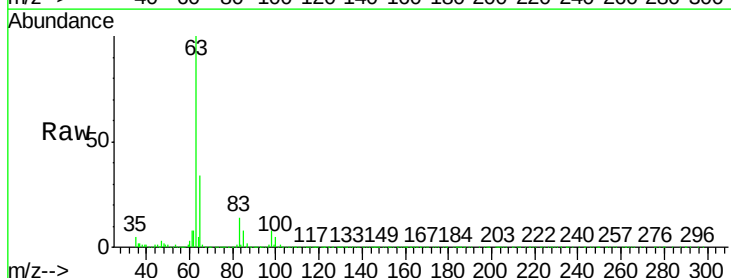
Tgt Ion: 63 Resp: 148291

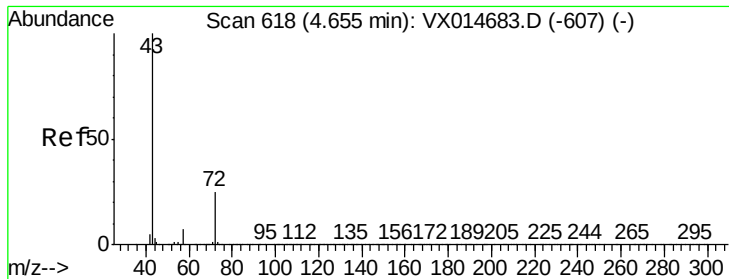
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 85.100 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBS01

Tot Ion: 43 Resp: 336840

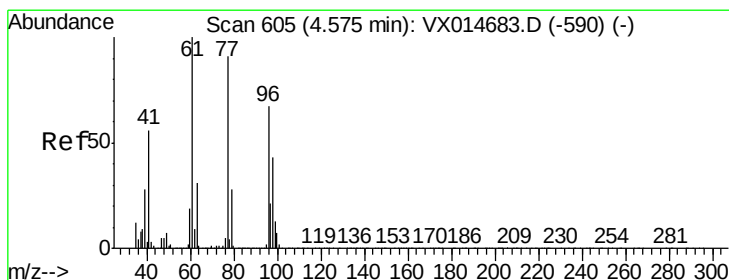
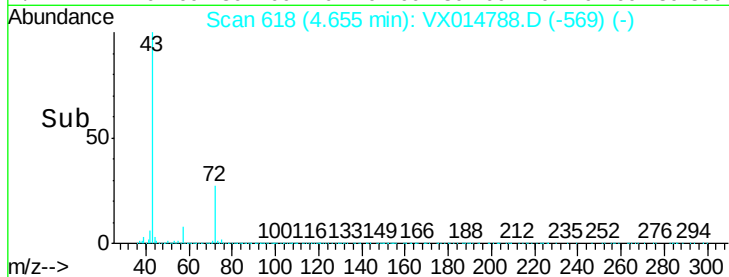
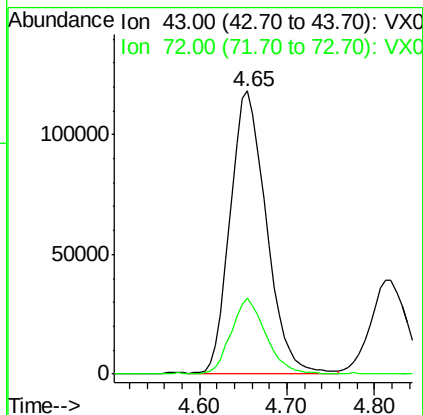
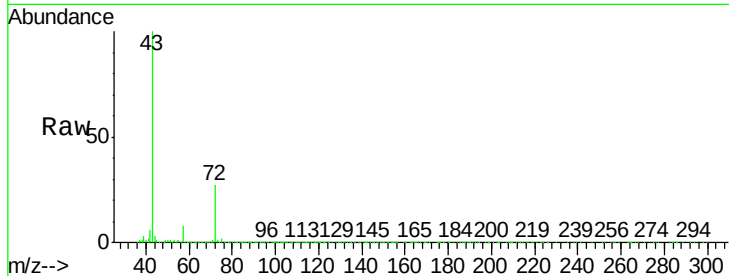
Ion Ratio Lower Upper

43 100

72 26.6 19.9 29.9

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



#26

2,2-Dichloropropane

Concen: 17.899 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014788.D

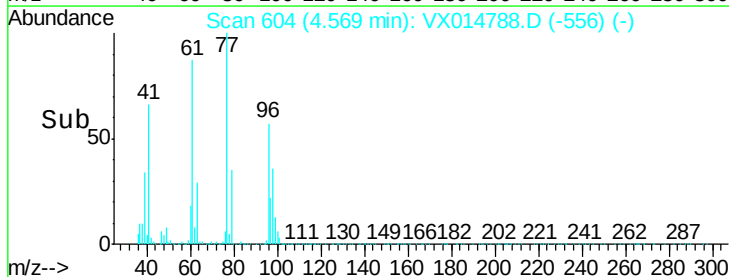
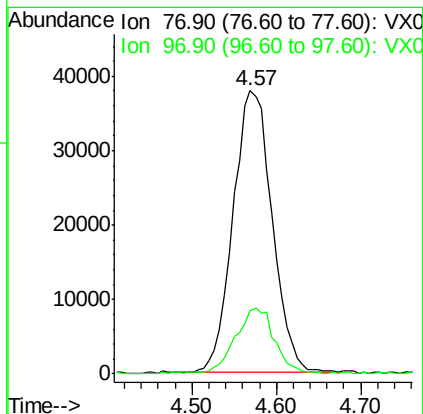
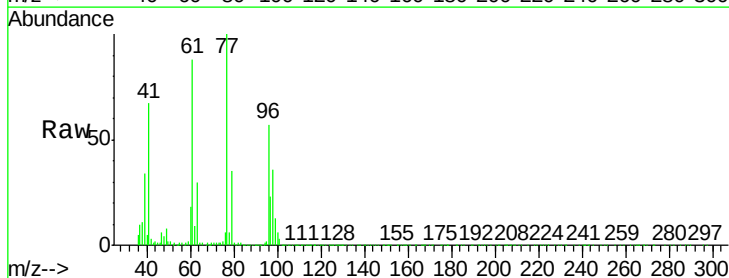
Acq: 03 Feb 2020 11:08

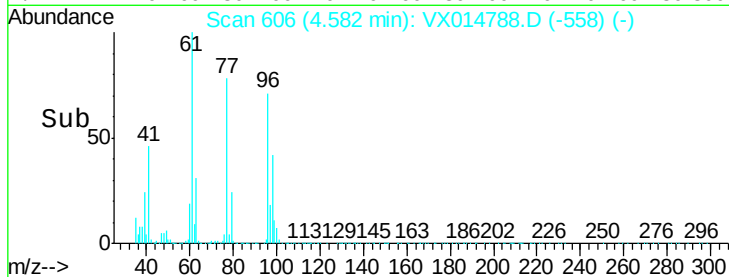
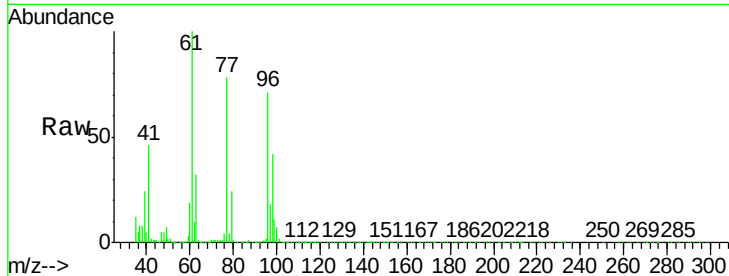
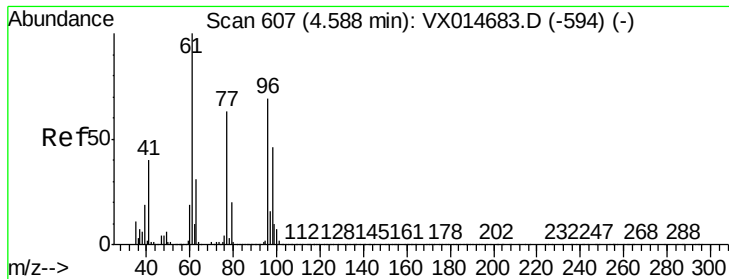
Tgt Ion: 77 Resp: 119394

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3





#27

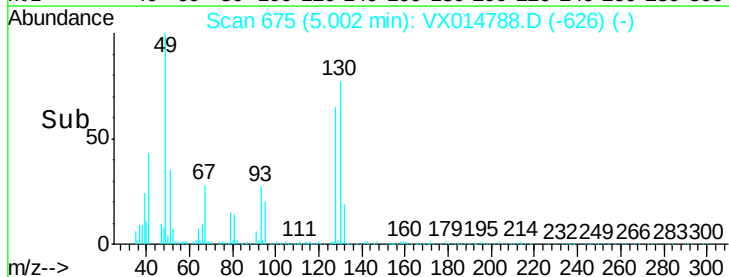
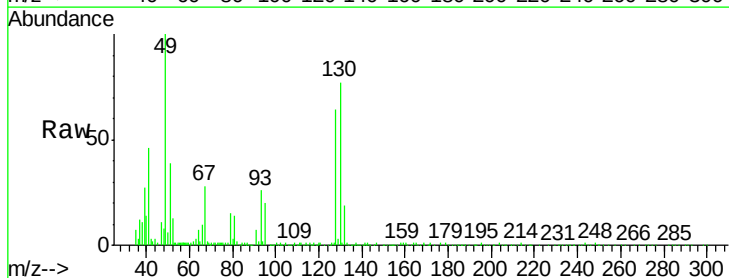
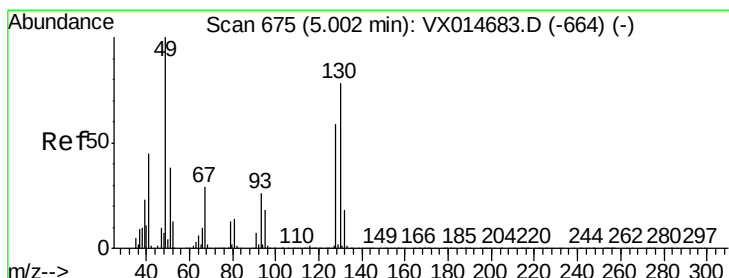
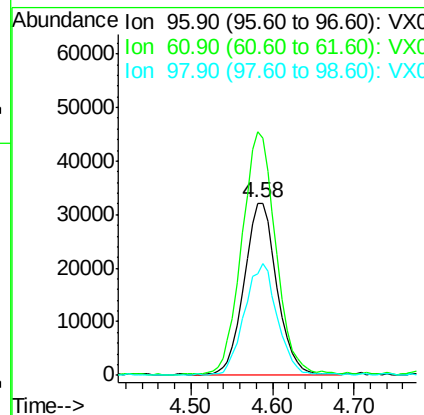
cis-1,2-Dichloroethene  
Concen: 16.909 ug/l  
RT: 4.58 min Scan# 606  
Delta R.T. -0.01 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 146.9 | 0.0   | 291.0 |
| 98      | 66.0  | 0.0   | 129.8 |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

Manual Integrations  
APPROVED

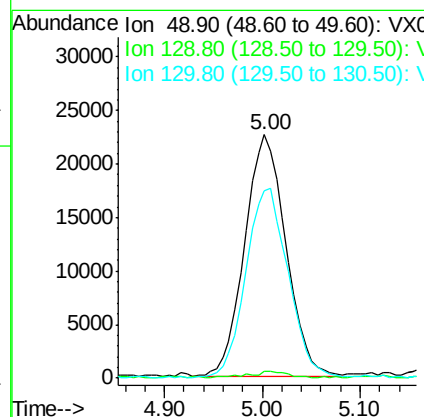
MMDadoda  
2/4/2020 3:32:02 PM

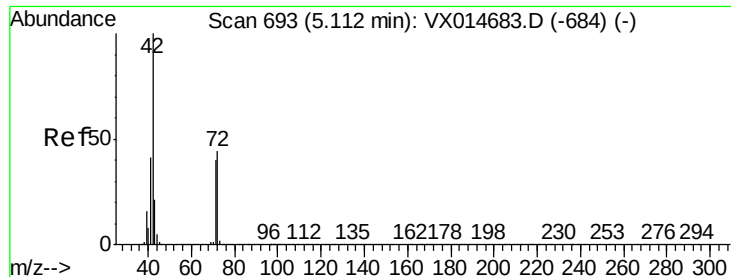


#28

Bromochloromethane  
Concen: 18.085 ug/l  
RT: 5.00 min Scan# 675  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.7   | 0.0   | 4.8   |
| 130     | 80.1  | 62.4  | 93.6  |





#29

Tetrahydrofuran

Concen: 82.267 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

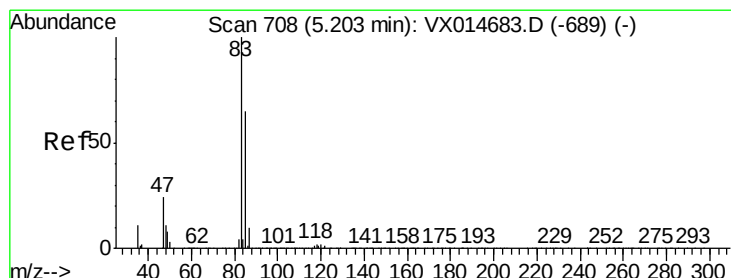
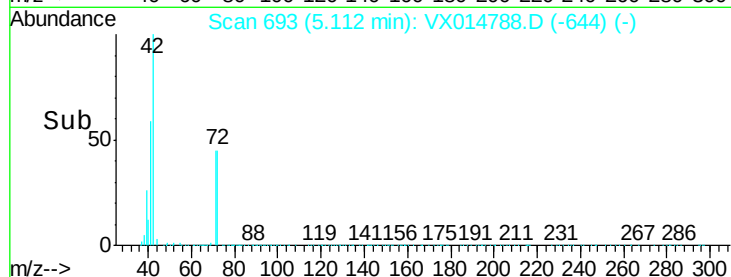
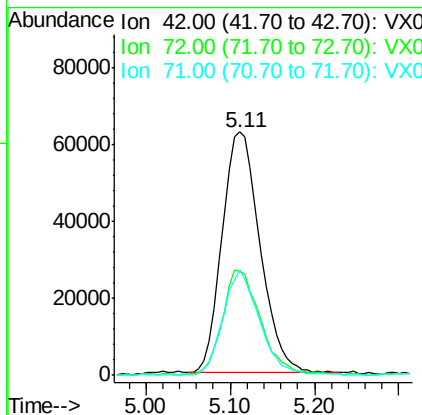
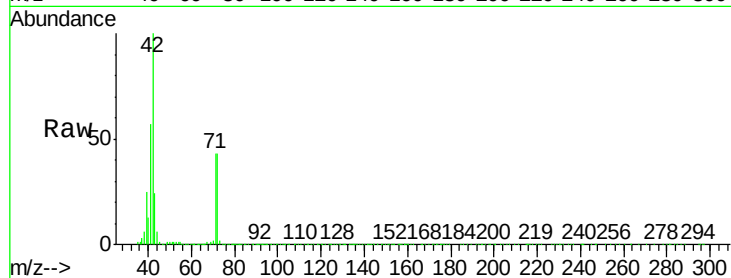
ClientSampleId :

VX0203WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 42   | Resp: | 193265 |
| Ion Ratio |      | Lower | Upper  |
| 42        | 100  |       |        |
| 72        | 43.7 | 35.3  | 52.9   |
| 71        | 41.9 | 33.1  | 49.7   |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



#30

Chloroform

Concen: 17.738 ug/l

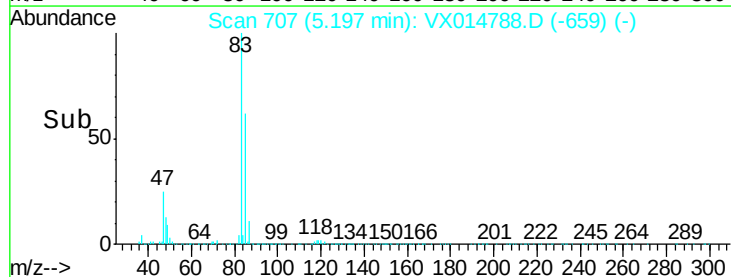
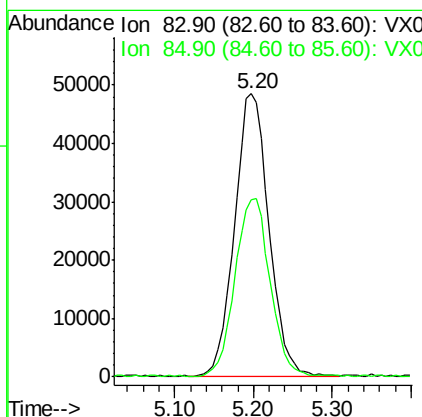
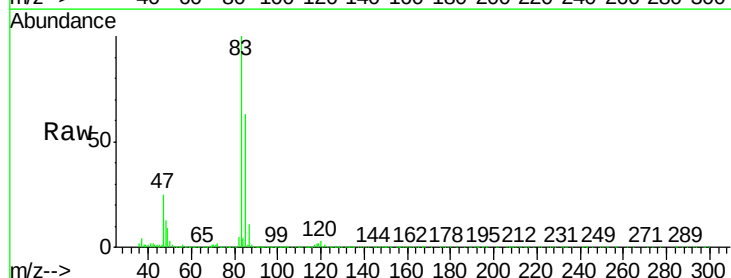
RT: 5.20 min Scan# 707

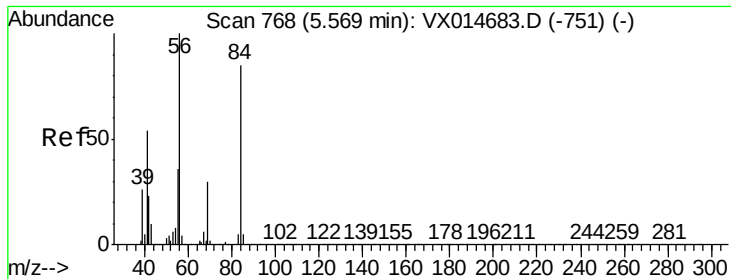
Delta R.T. -0.01 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 83   | Resp: | 146430 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 62.5 | 51.7  | 77.5   |





#31

Cyclohexane

Concen: 16.921 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

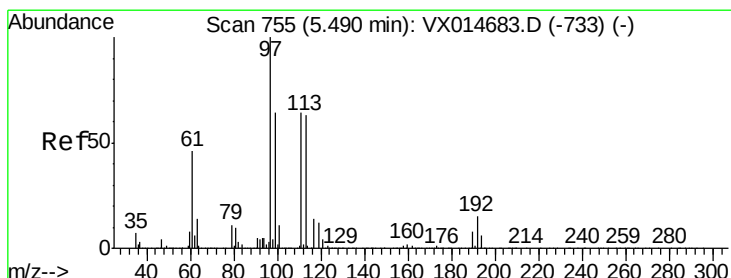
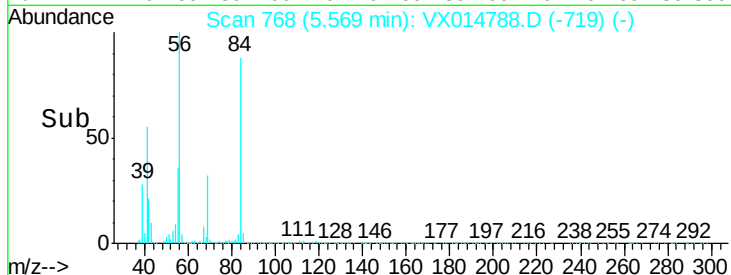
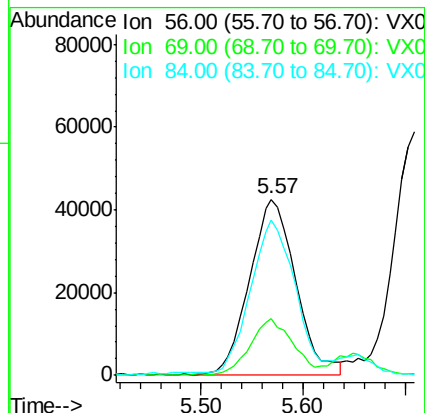
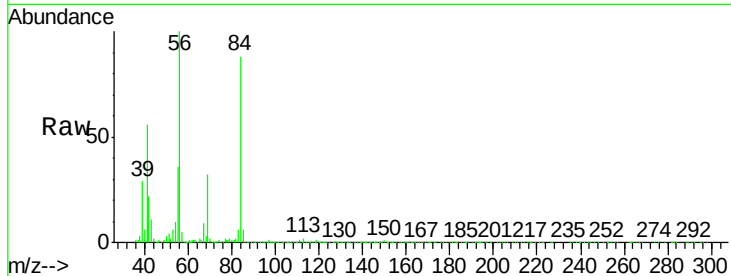
ClientSampleId :

VX0203WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 56   | Resp: | 132627 |
| Ion Ratio |      | Lower | Upper  |
| 56        | 100  |       |        |
| 69        | 31.7 | 23.4  | 35.2   |
| 84        | 86.9 | 68.4  | 102.6  |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



#32

1,1,1-Trichloroethane

Concen: 17.818 ug/l

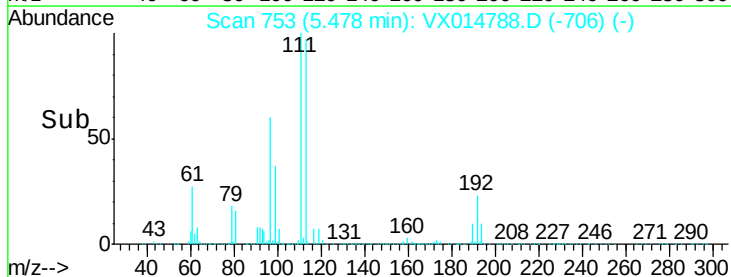
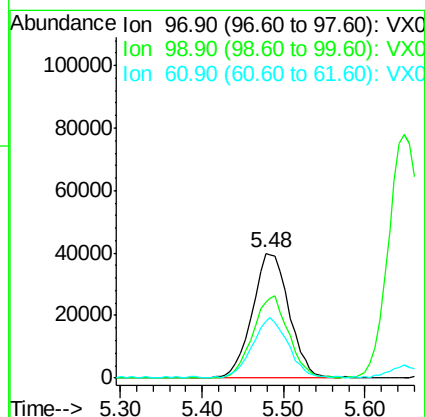
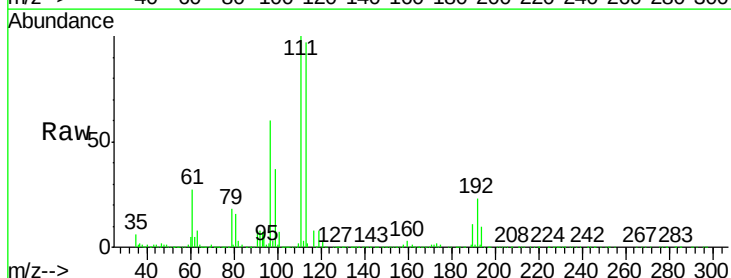
RT: 5.48 min Scan# 753

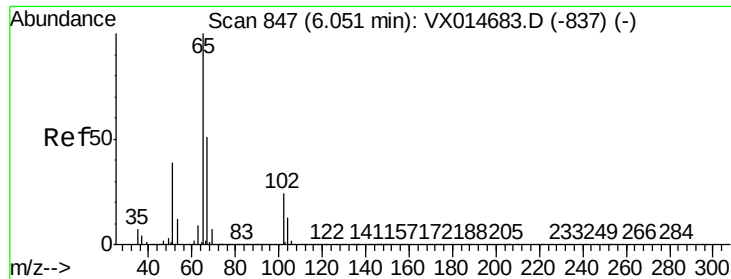
Delta R.T. -0.01 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 97   | Resp: | 124335 |
| Ion Ratio |      | Lower | Upper  |
| 97        | 100  |       |        |
| 99        | 64.2 | 52.3  | 78.5   |
| 61        | 46.3 | 37.2  | 55.8   |





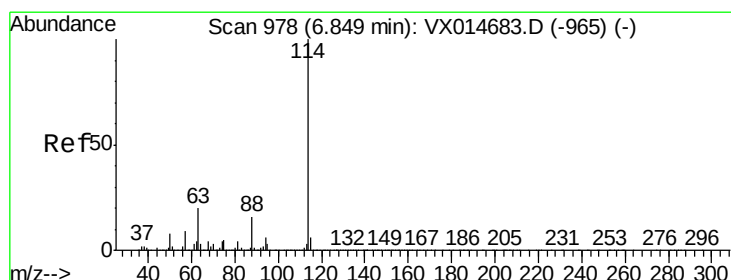
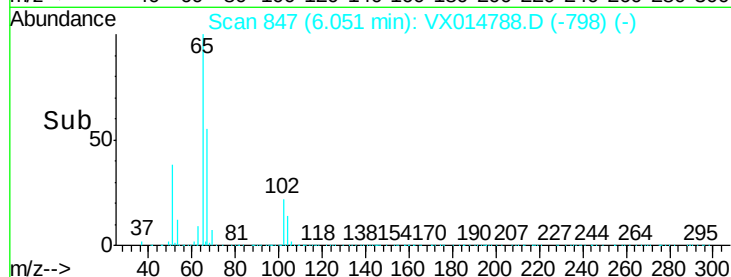
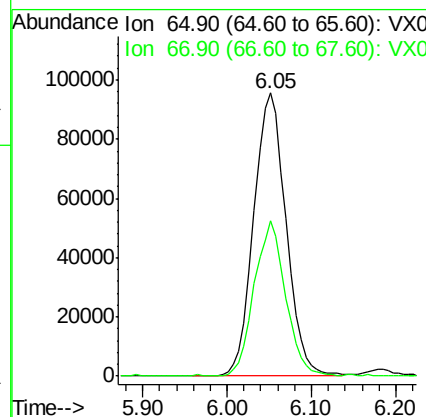
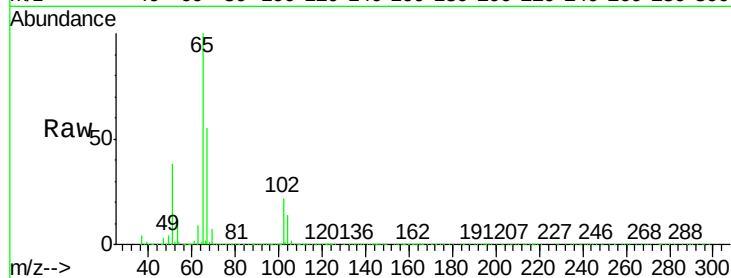
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.258 ug/l  
 RT: 6.05 min Scan# 847  
 Delta R.T. 0.00 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0203WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 248291 |       |       |
| 67      | 52.9  | 0.0    | 107.4 |       |

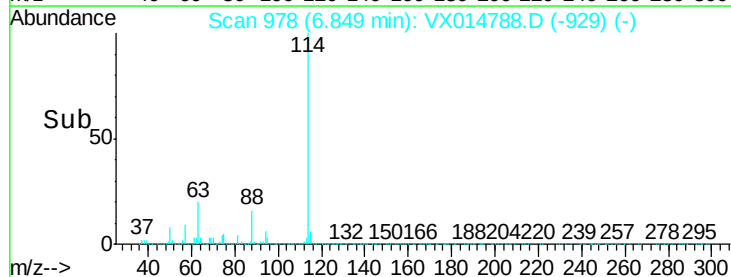
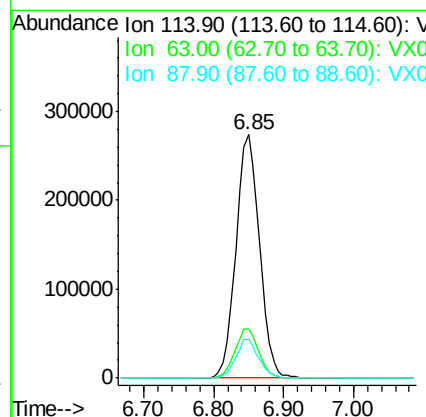
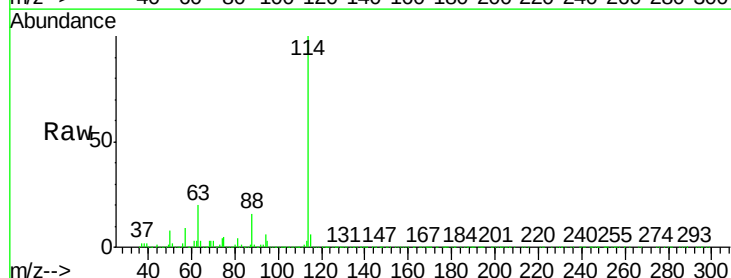
Manual Integrations  
 APPROVED

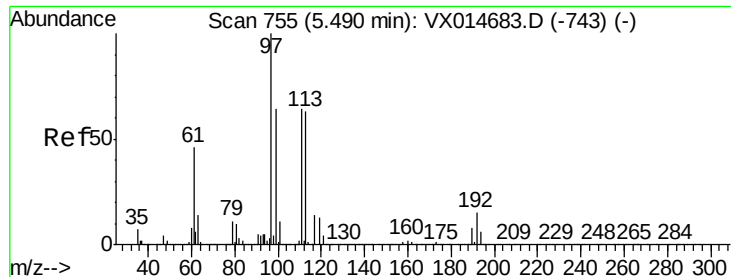
MMDadoda  
 2/4/2020 3:32:02 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. 0.00 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 641693 |       |       |
| 63      | 20.1  | 0.0    | 40.6  |       |
| 88      | 15.6  | 0.0    | 31.2  |       |





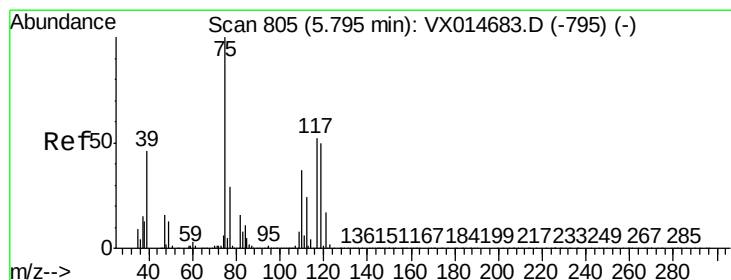
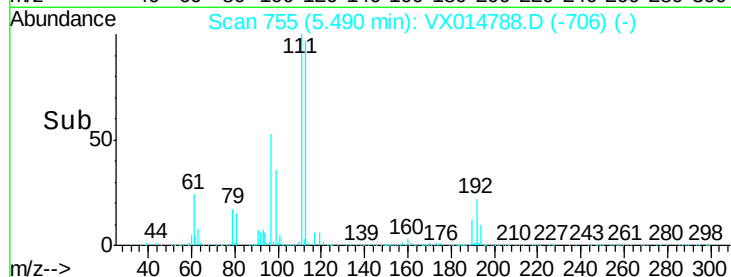
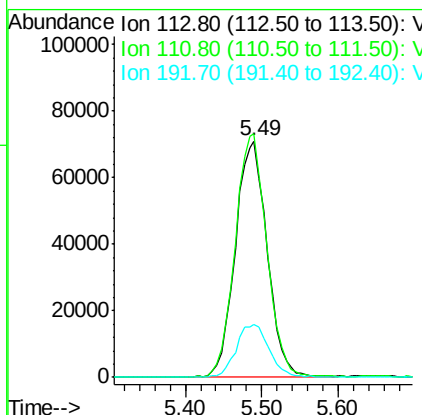
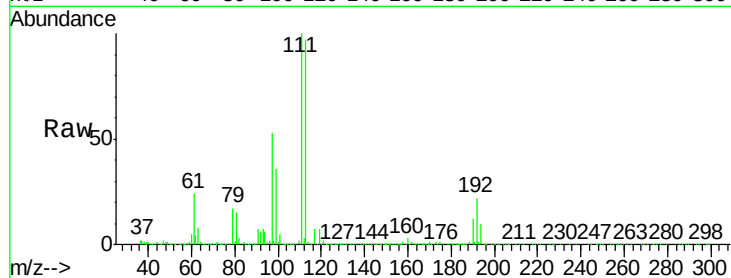
#35  
 Dibromofluoromethane  
 Concen: 50.643 ug/l  
 RT: 5.49 min Scan# 755  
 Delta R.T. 0.00 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0203WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 205055 |       |       |
| 111     | 102.4 | 80.7   | 121.1 |       |
| 192     | 23.2  | 18.5   | 27.7  |       |

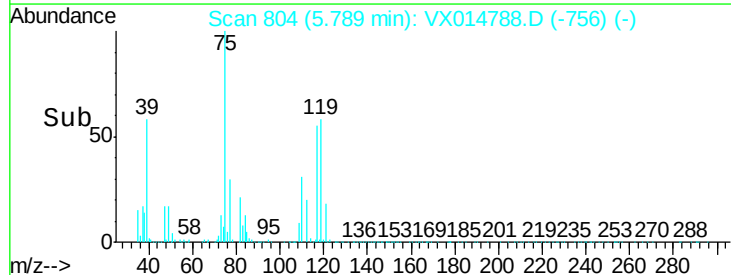
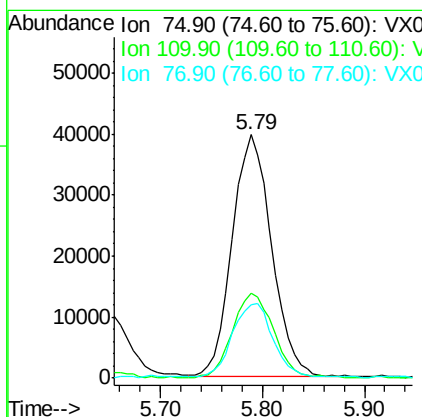
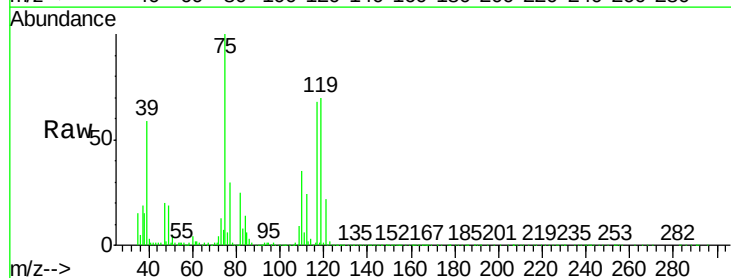
Manual Integrations  
 APPROVED

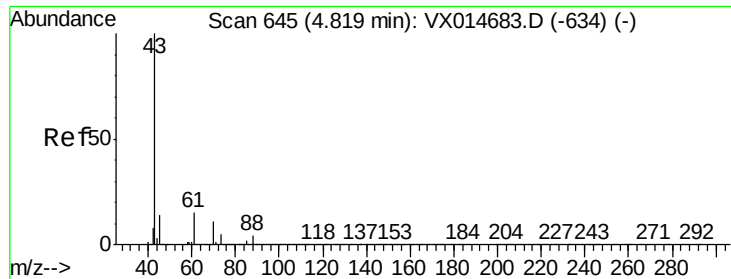
MMDadoda  
 2/4/2020 3:32:02 PM



#36  
 1,1-Dichloropropene  
 Concen: 17.861 ug/l  
 RT: 5.79 min Scan# 804  
 Delta R.T. -0.01 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 106498 |       |       |
| 110     | 37.1  | 17.9   | 53.7  |       |
| 77      | 31.0  | 24.1   | 36.1  |       |





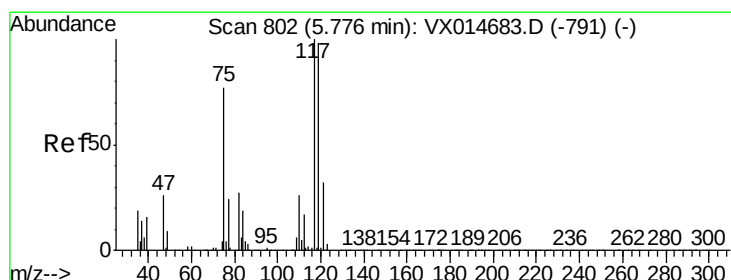
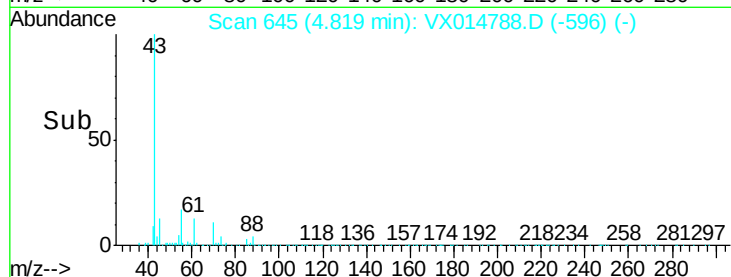
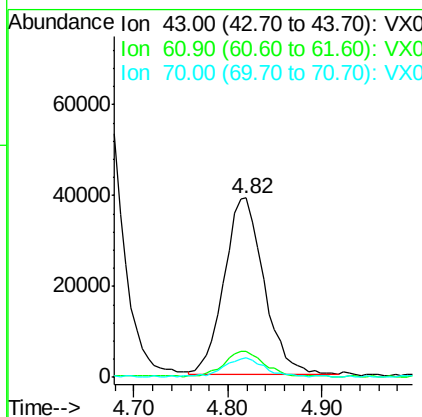
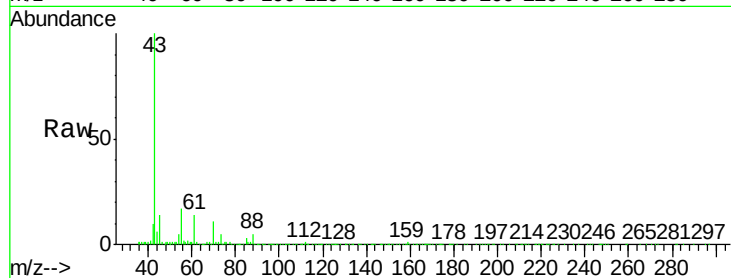
#37  
Ethyl Acetate  
Concen: 16.820 ug/l  
RT: 4.82 min Scan# 645  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 114870 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 13.9  | 11.0  | 16.4   |
| 70       | 10.9  | 8.5   | 12.7   |

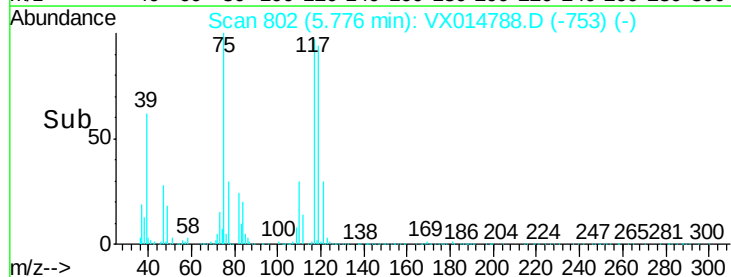
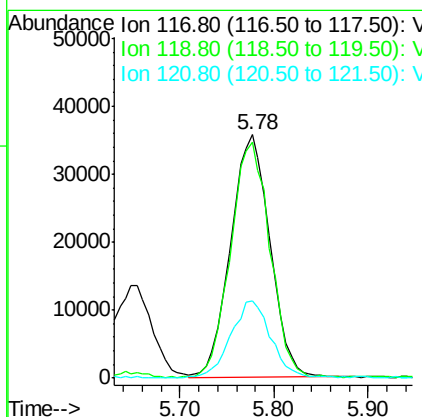
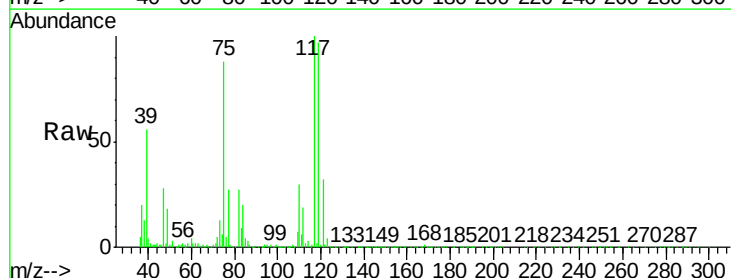
Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM

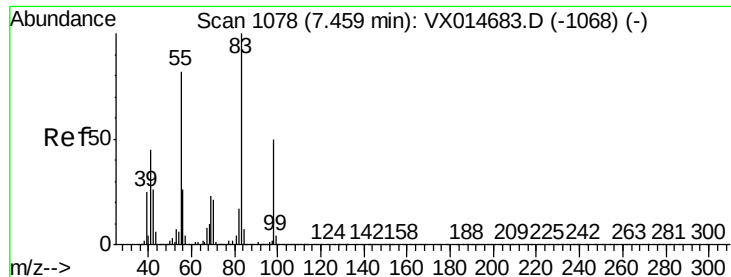


#38  
Carbon Tetrachloride  
Concen: 18.193 ug/l  
RT: 5.78 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 103599 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.8  | 77.9  | 116.9  |
| 121      | 31.4  | 25.4  | 38.2   |







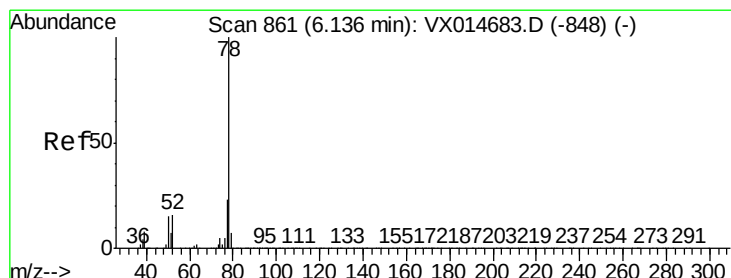
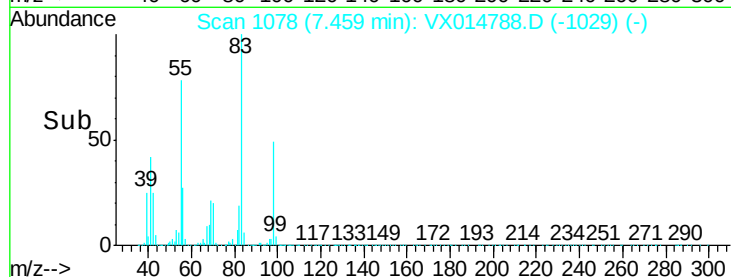
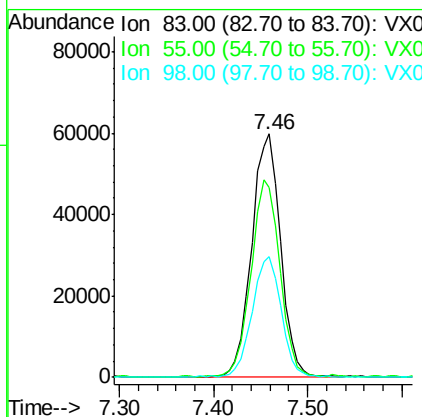
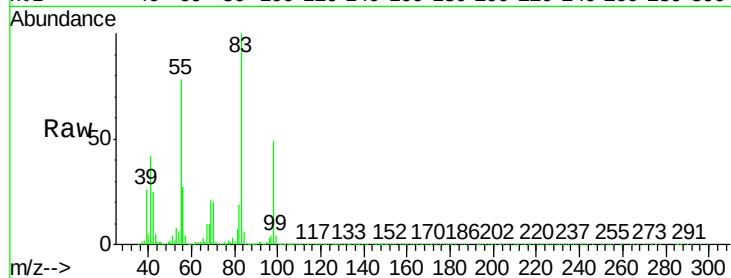
#39  
Methylvlcyclohexane  
Concen: 17.278 ug/l  
RT: 7.46 min Scan# 1078  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 77.8  | 65.6  | 98.4  |
| 98      | 49.2  | 40.2  | 60.4  |

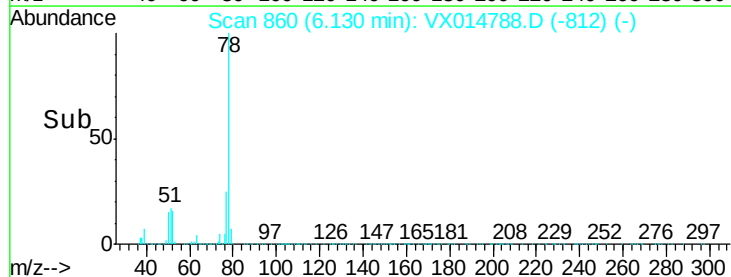
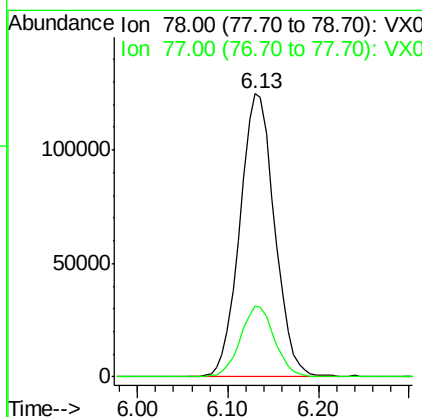
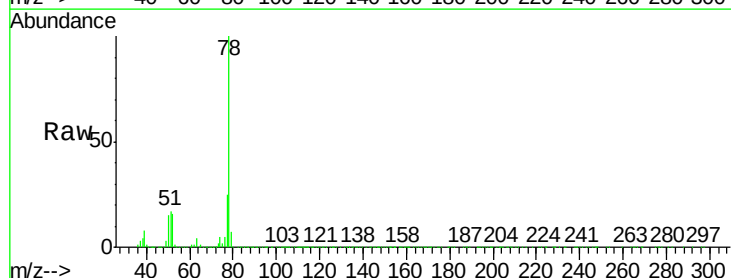
Manual Integrations  
APPROVED

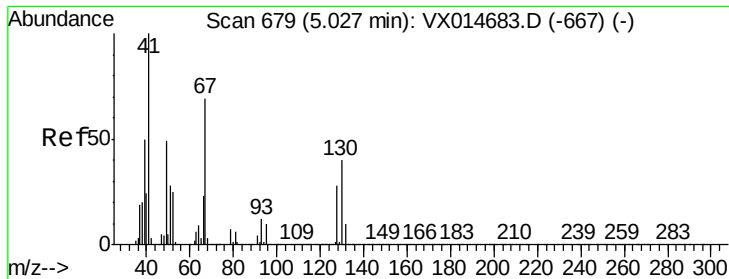
MMDadoda  
2/4/2020 3:32:02 PM



#40  
Benzene  
Concen: 17.934 ug/l  
RT: 6.13 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.1  | 18.7  | 28.1  |





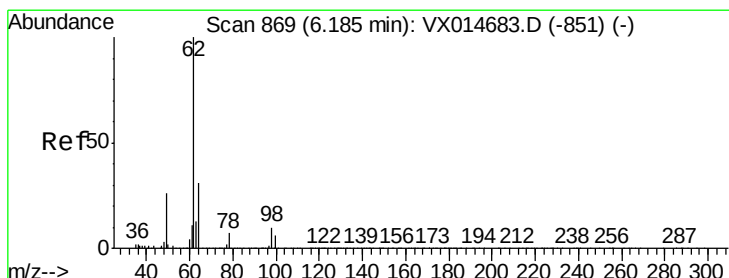
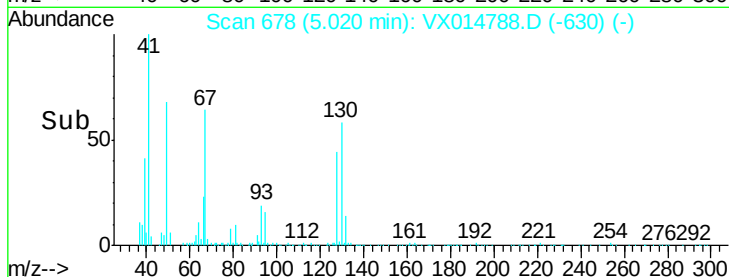
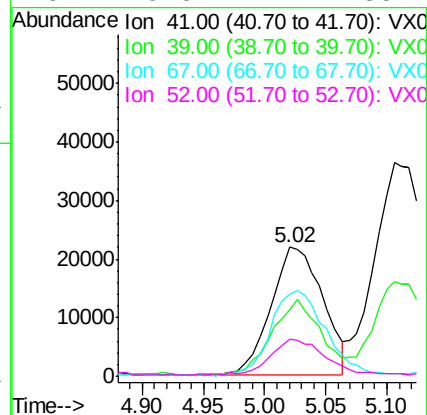
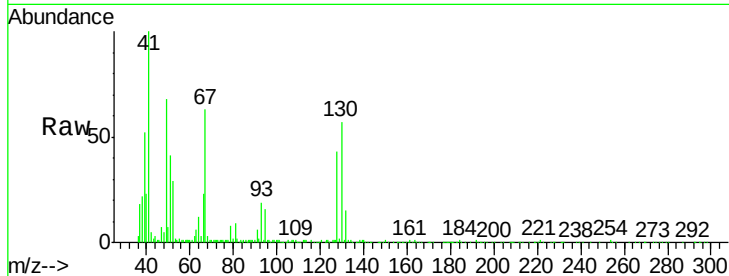
#41  
Methacrylonitrile  
Concen: 16.287 ug/l  
RT: 5.02 min Scan# 678  
Delta R.T. -0.01 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 55.3 | 42.2  | 63.2  |       |
| 67      | 72.7 | 55.4  | 83.0  |       |
| 52      | 29.3 | 22.1  | 33.1  |       |

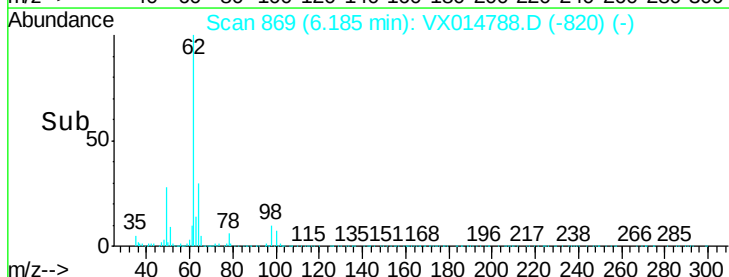
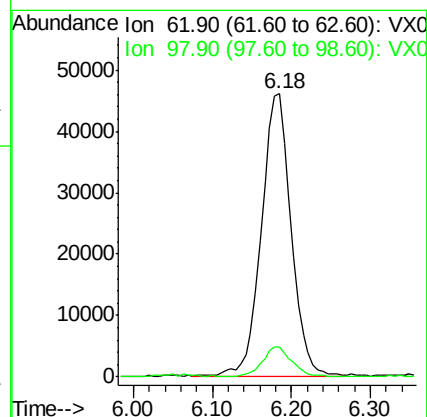
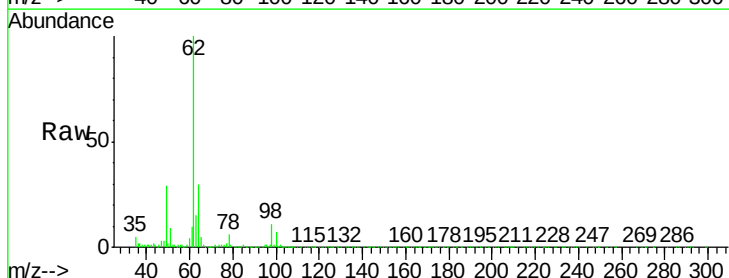
Manual Integrations  
APPROVED

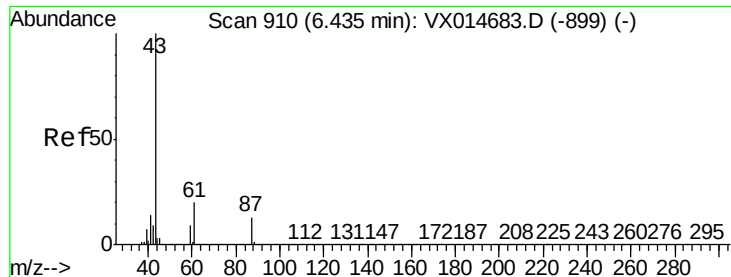
MMDadoda  
2/4/2020 3:32:02 PM



#42  
1,2-Dichloroethane  
Concen: 18.914 ug/l  
RT: 6.18 min Scan# 869  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 10.7 | 0.0   | 20.0  |       |





#43

Isopropyl Acetate

Concen: 17.429 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

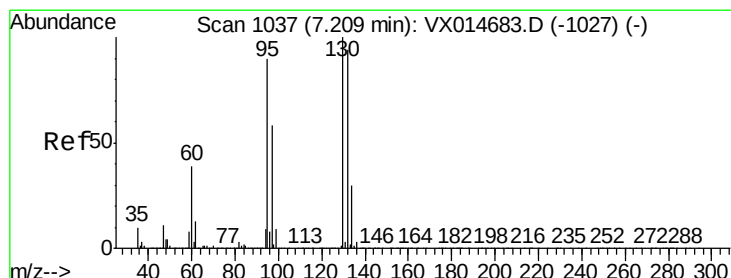
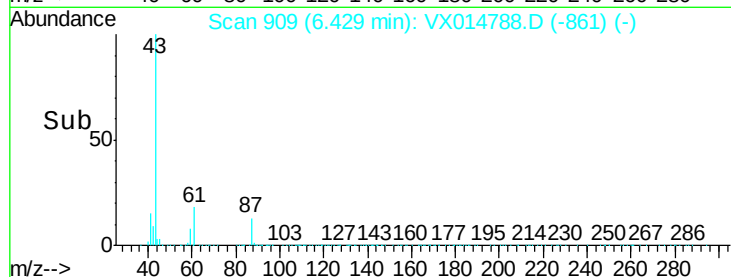
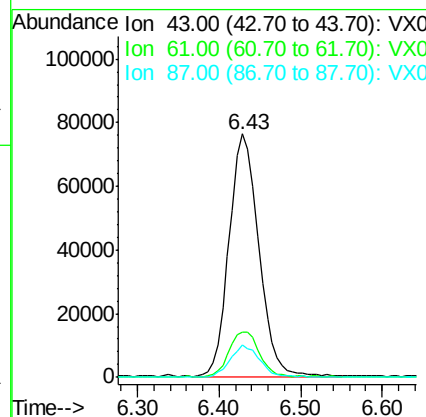
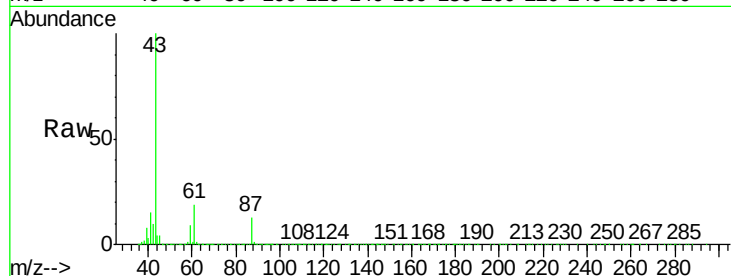
ClientSampleId :

VX0203WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 194910 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 18.7  | 16.2  | 24.4   |
| 87       | 12.8  | 10.5  | 15.7   |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



#44

Trichloroethene

Concen: 17.415 ug/l

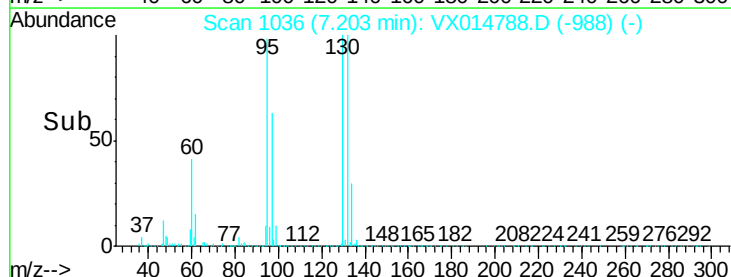
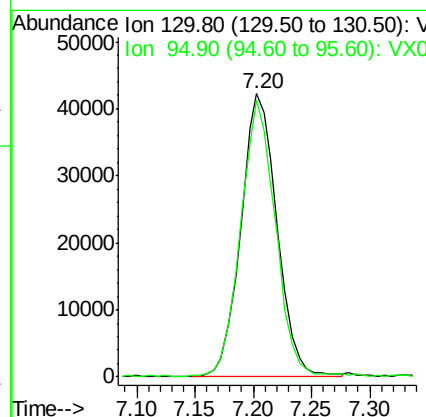
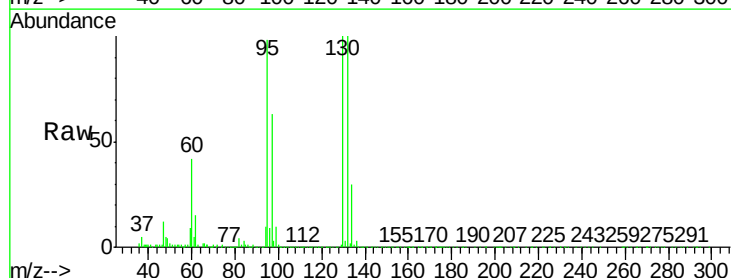
RT: 7.20 min Scan# 1036

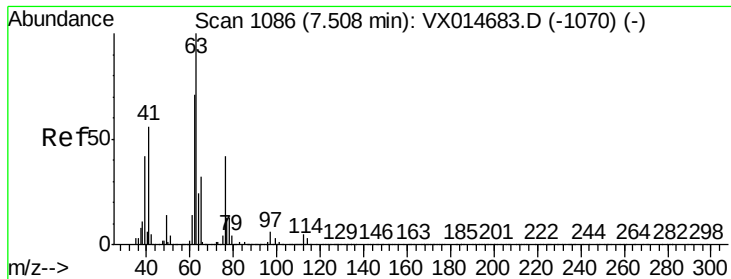
Delta R.T. -0.01 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 90624 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 97.3  | 0.0   | 179.8 |





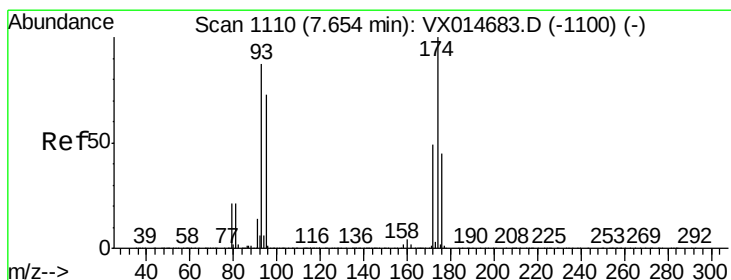
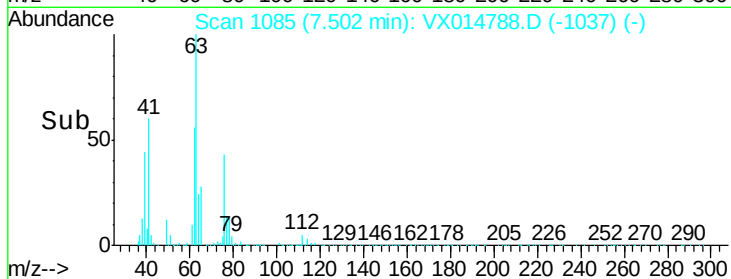
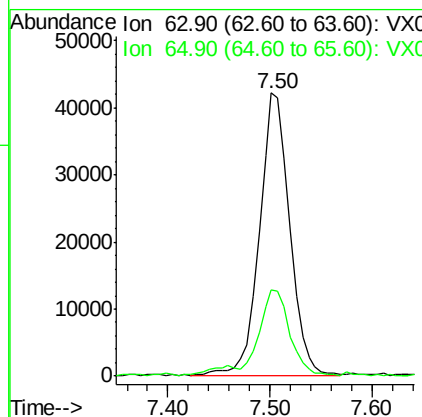
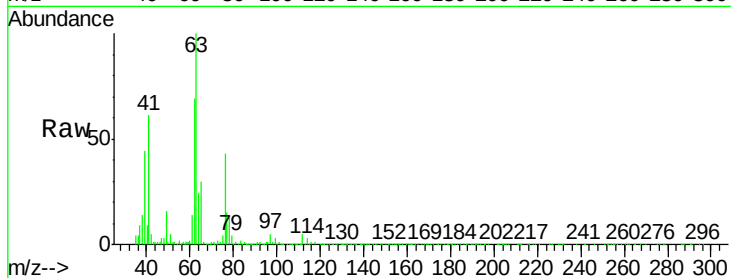
#45  
 1,2-Dichloropropane  
 Concen: 18.488 ug/l  
 RT: 7.50 min Scan# 1085  
 Delta R.T. -0.01 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0203WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 29.6  | 25.2  | 37.8  |

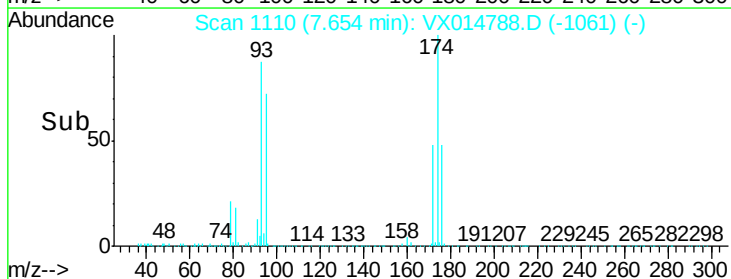
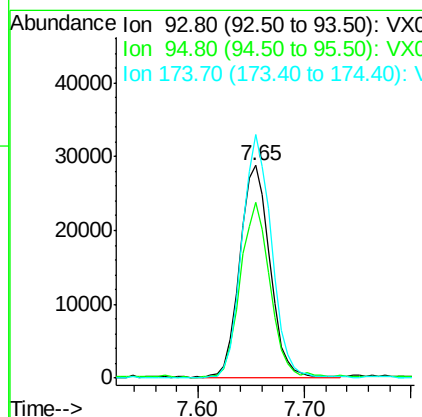
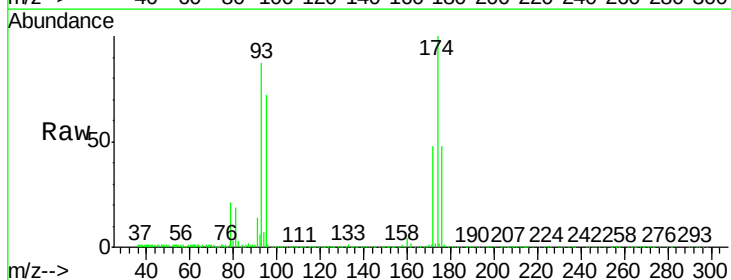
Manual Integrations  
 APPROVED

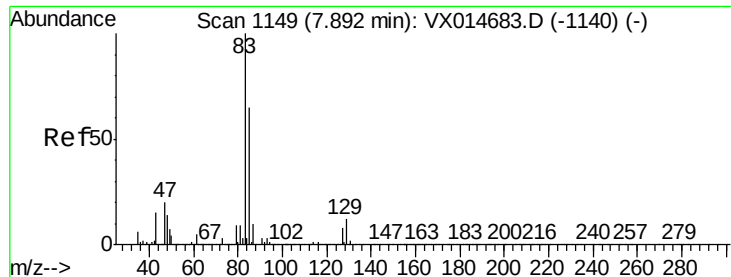
MMDadoda  
 2/4/2020 3:32:02 PM



#46  
 Dibromomethane  
 Concen: 18.592 ug/l  
 RT: 7.65 min Scan# 1110  
 Delta R.T. 0.00 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 80.8  | 67.0  | 100.4 |
| 174     | 112.7 | 90.2  | 135.2 |





#47

Bromodichloromethane

Concen: 18.715 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

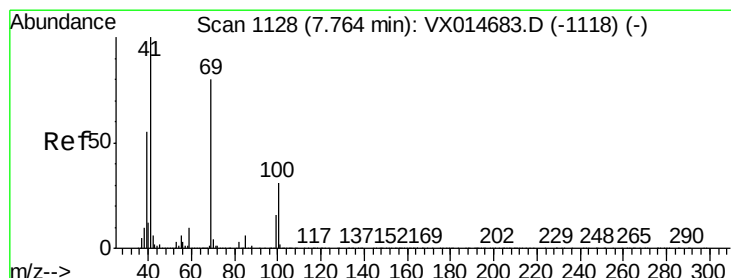
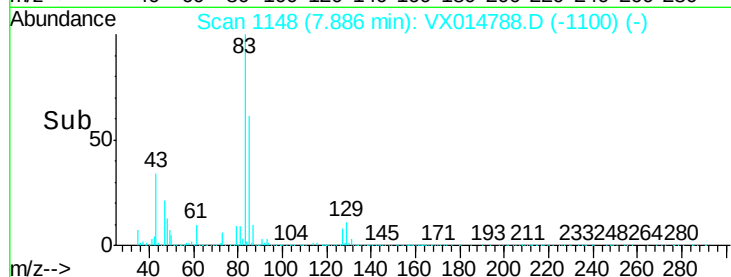
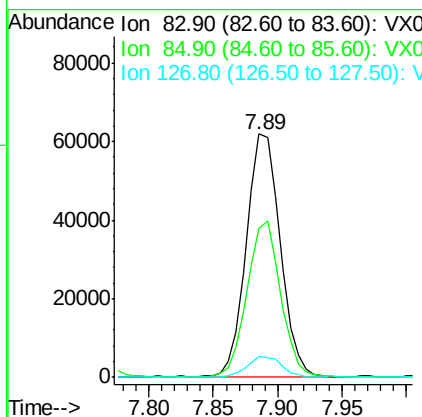
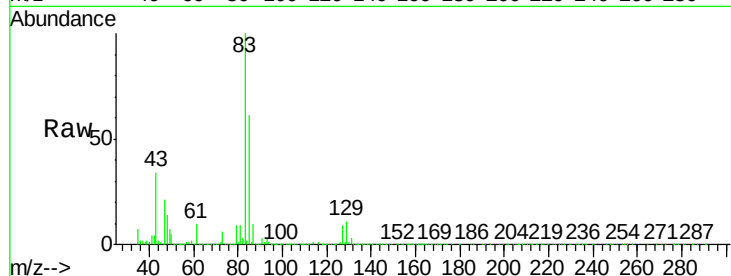
ClientSampleId :

VX0203WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 112834 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 60.9  | 52.2  | 78.2   |
| 127       | 8.4   | 6.4   | 9.6    |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



#48

Methyl methacrylate

Concen: 17.747 ug/l

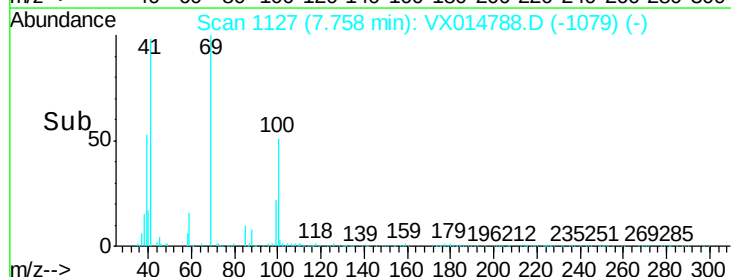
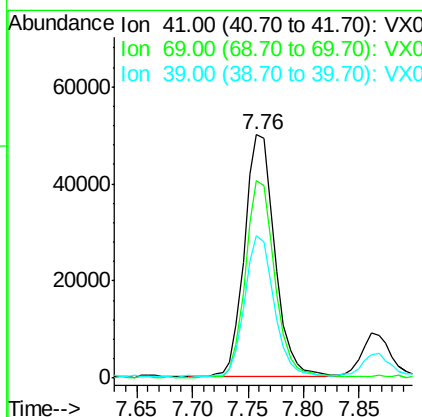
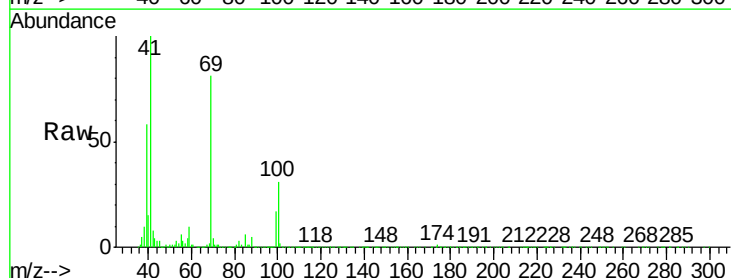
RT: 7.76 min Scan# 1127

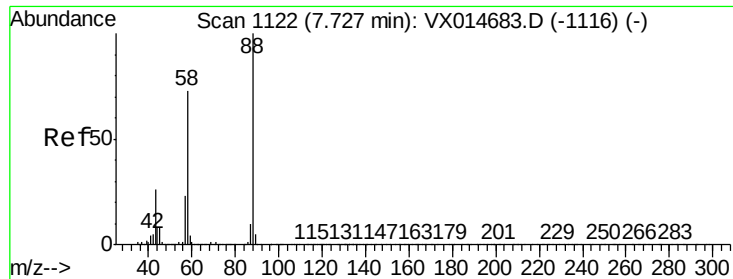
Delta R.T. -0.01 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 94825 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 78.6  | 63.5  | 95.3  |
| 39        | 56.3  | 43.7  | 65.5  |





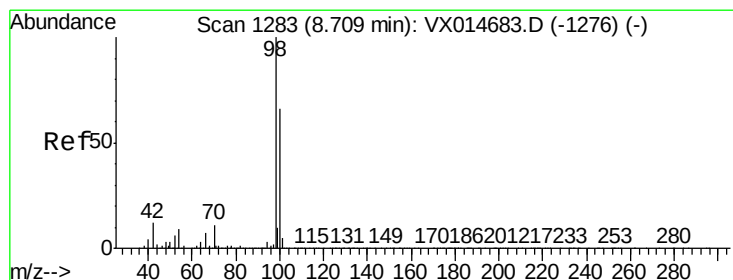
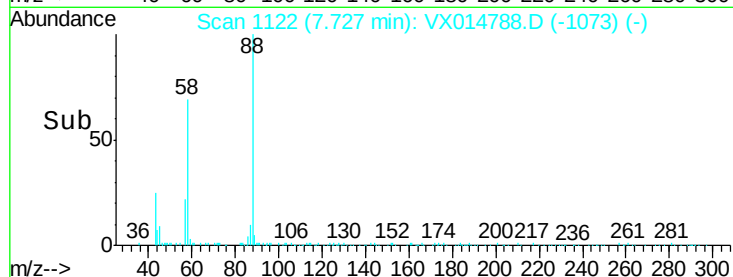
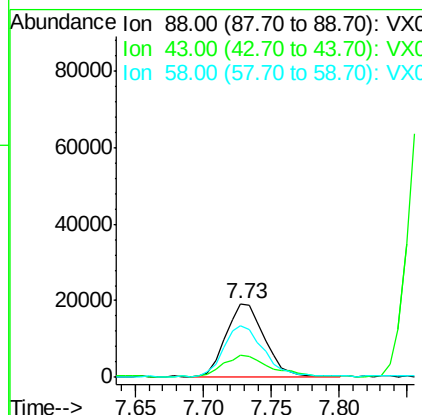
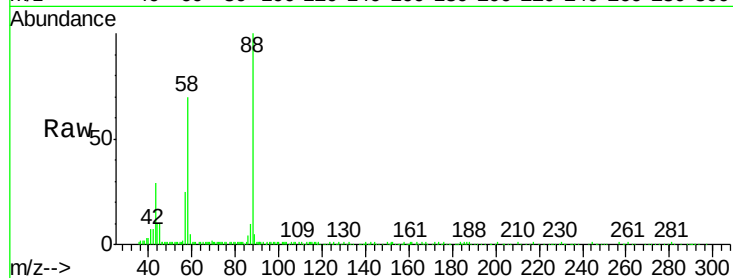
#49  
1,4-Dioxane  
Concen: 335.730 ug/l  
RT: 7.73 min Scan# 1122  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 39.8  | 26.2  | 39.2# |
| 58      | 71.9  | 56.6  | 85.0  |

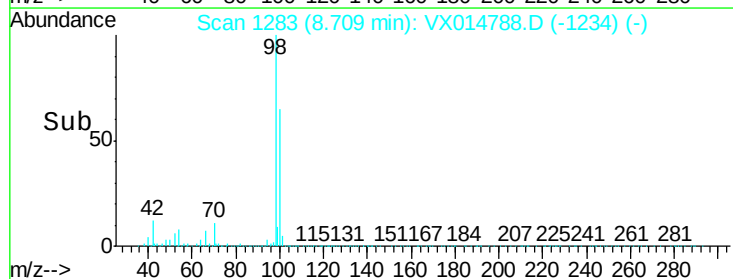
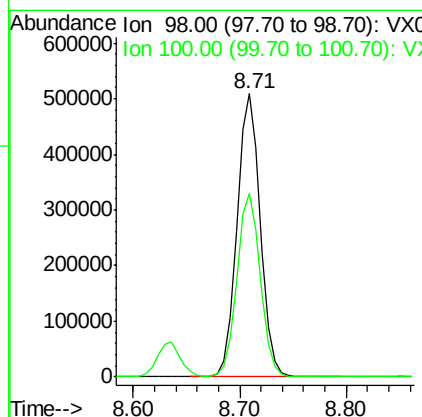
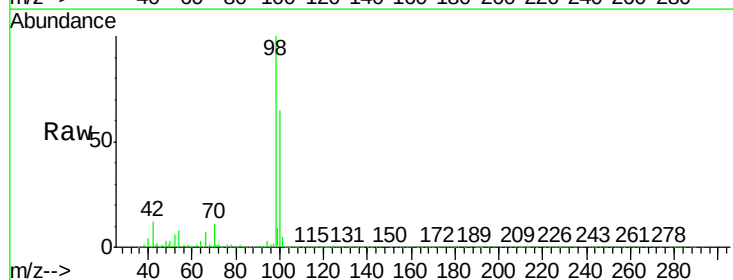
Manual Integrations  
APPROVED

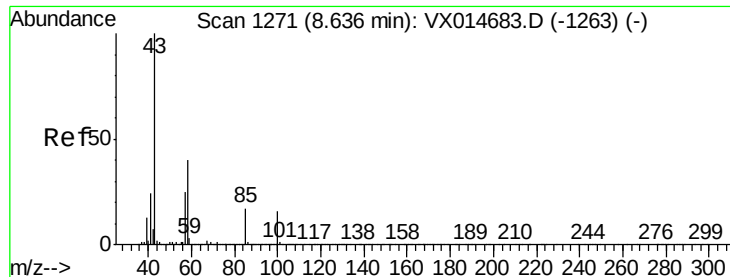
MMDadoda  
2/4/2020 3:32:02 PM



#50  
Toluene-d8  
Concen: 49.858 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.2  | 53.0  | 79.6  |





#51

4-Methyl-2-Pentanone

Concen: 86.320 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

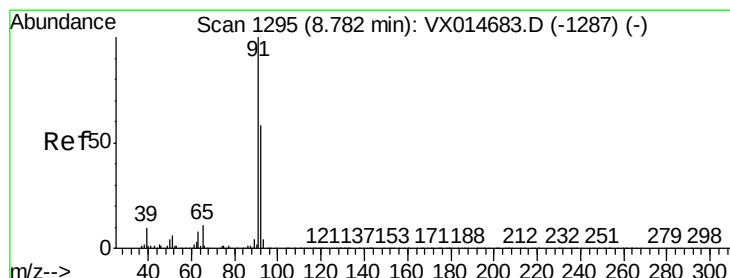
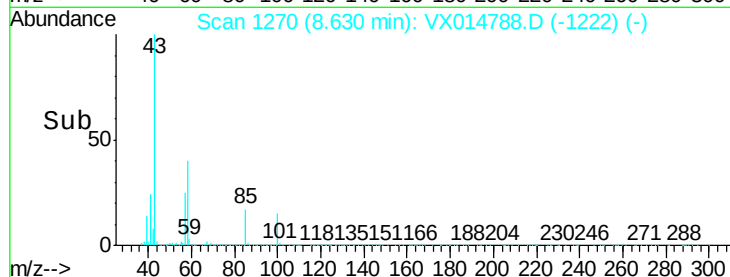
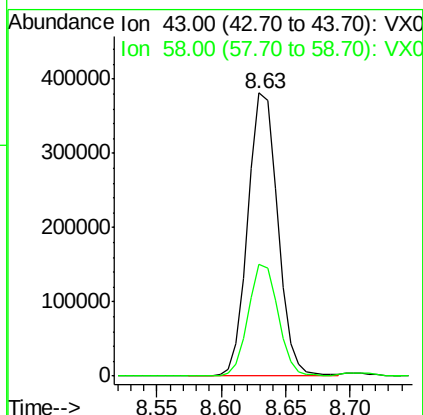
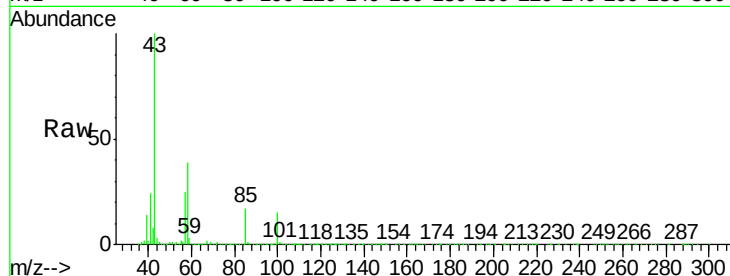
ClientSampleId :

VX0203WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 39.3  | 31.6  | 47.4  |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



#52

Toluene

Concen: 18.405 ug/l

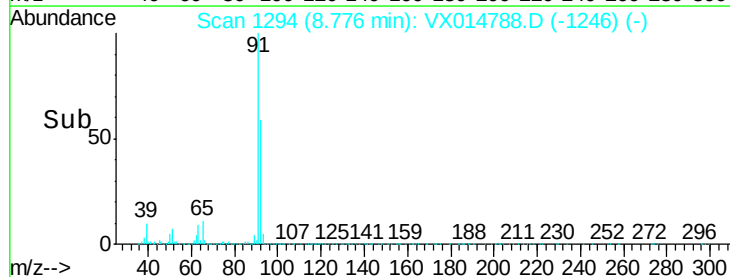
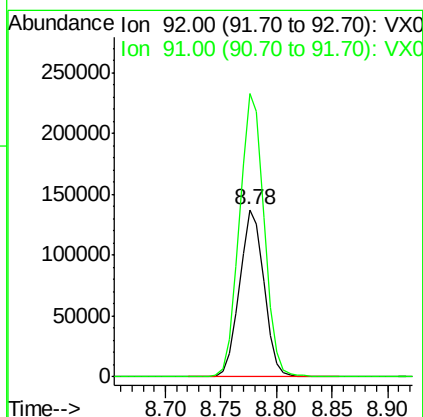
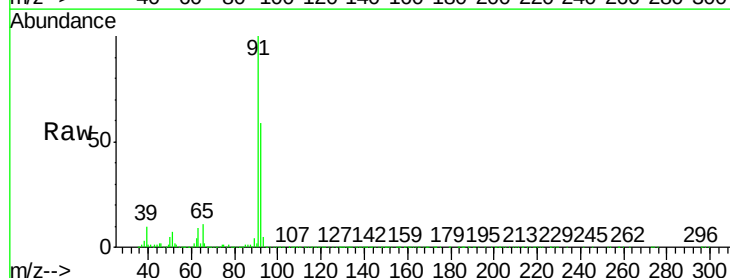
RT: 8.78 min Scan# 1294

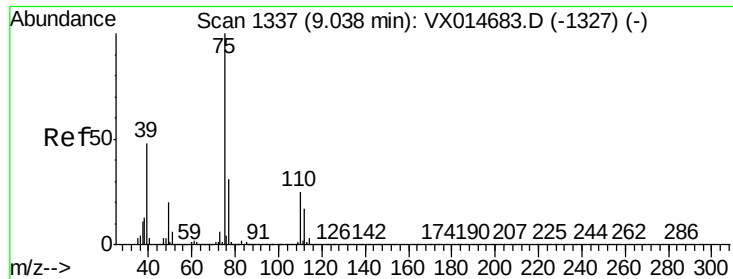
Delta R.T. -0.01 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 171.3 | 135.9 | 203.9 |





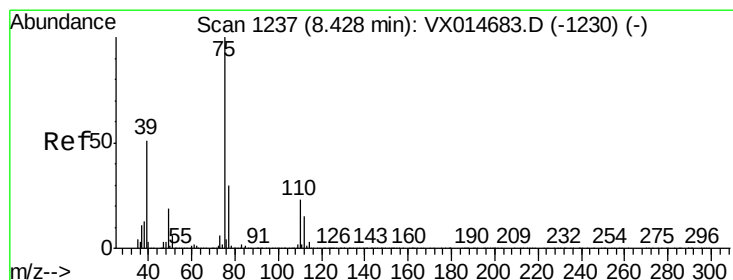
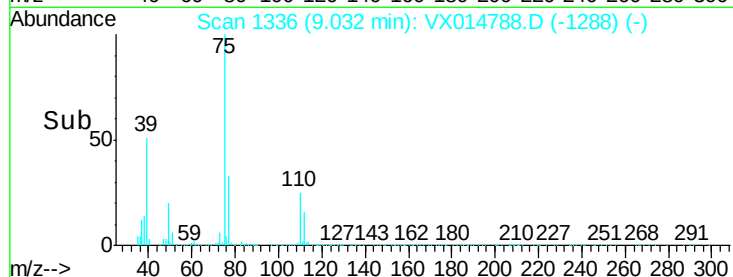
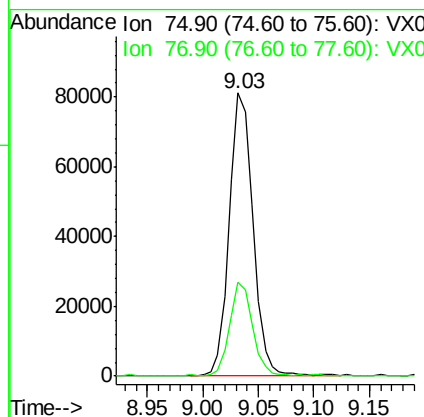
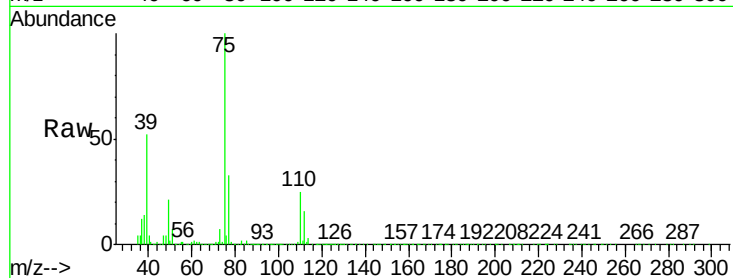
#53  
t-1,3-Dichloropropene  
Concen: 18.380 ug/l  
RT: 9.03 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.0  | 24.9  | 37.3  |

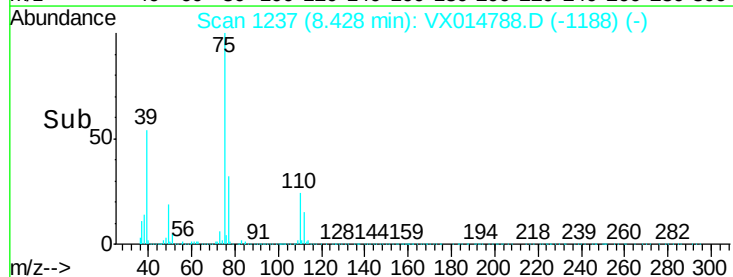
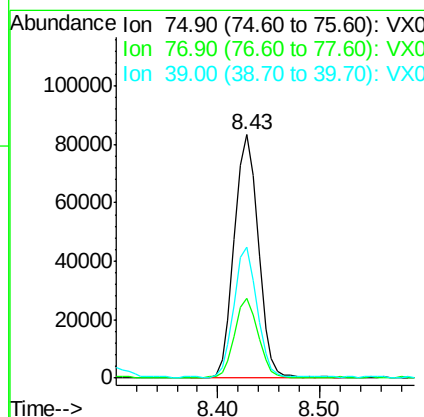
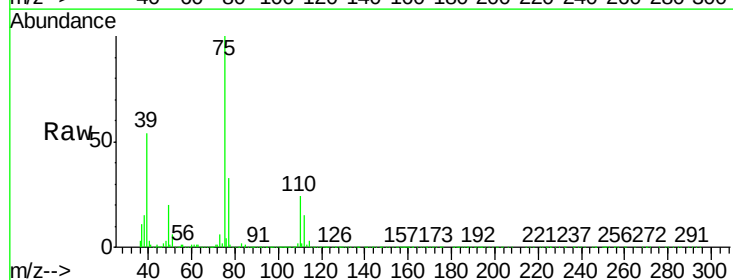
Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM

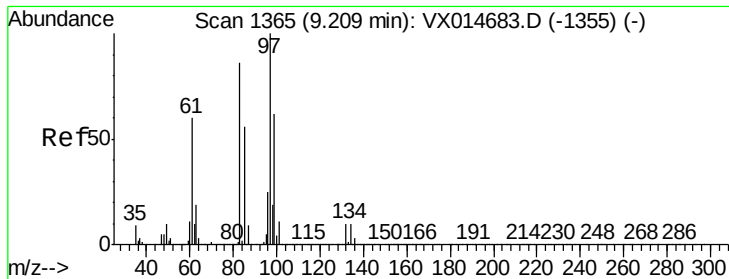


#54  
cis-1,3-Dichloropropene  
Concen: 18.977 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.3  | 23.9  | 35.9  |
| 39      | 53.4  | 40.9  | 61.3  |







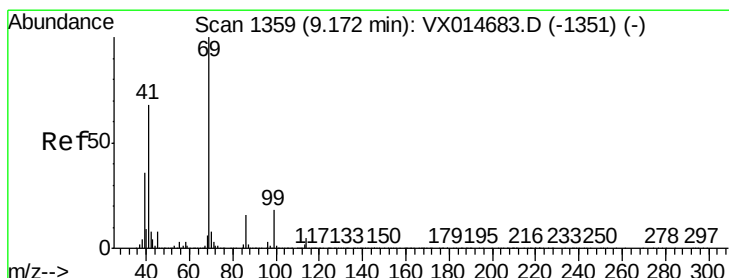
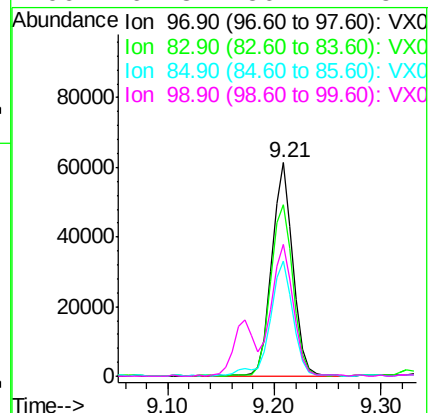
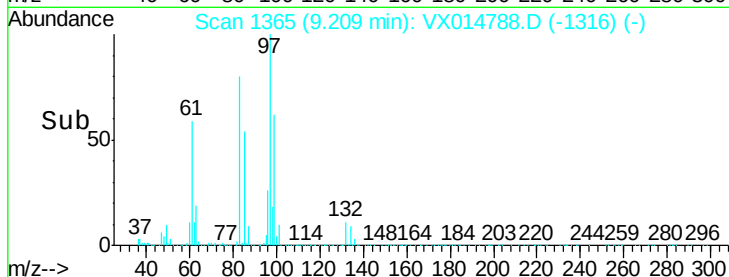
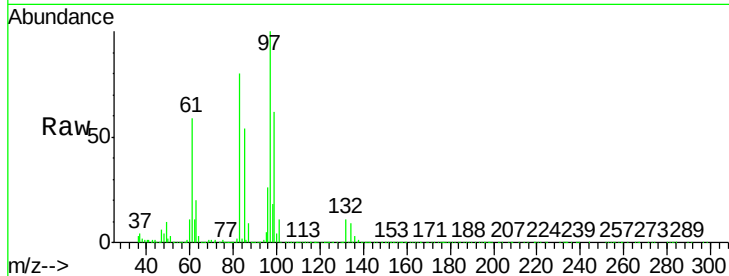
#55  
 1,1,2-Trichloroethane  
 Concen: 18.345 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. 0.00 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0203WBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 85058 |       |       |
| 83      | 80.0 | 69.2  | 103.8 |       |       |
| 85      | 53.4 | 44.6  | 67.0  |       |       |
| 99      | 61.8 | 50.1  | 75.1  |       |       |

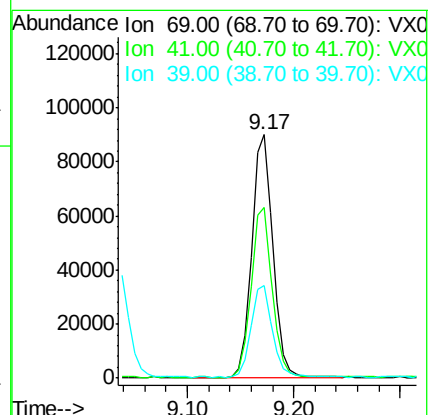
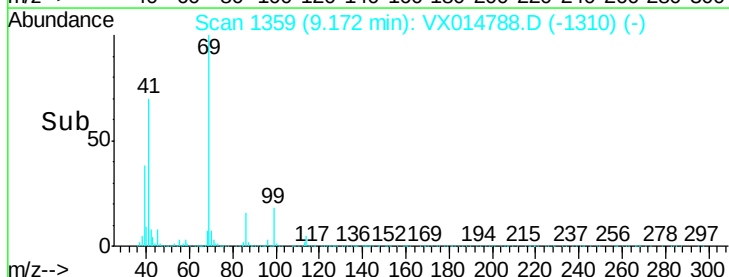
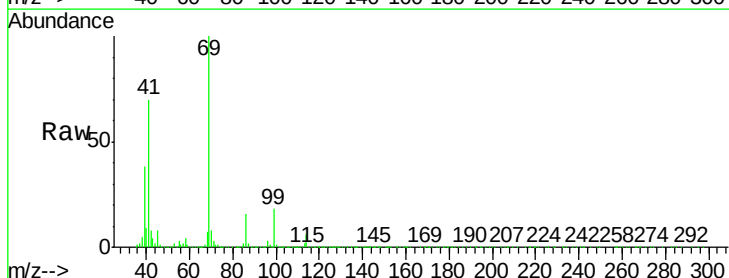
Manual Integrations  
 APPROVED

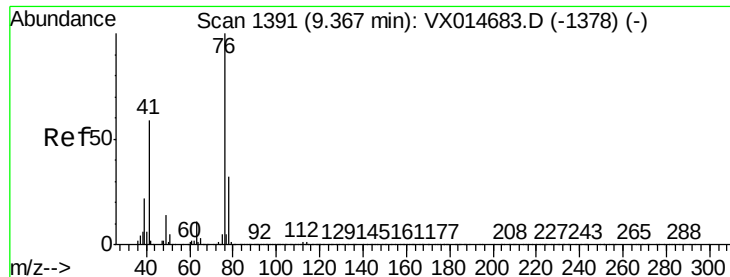
MMDadoda  
 2/4/2020 3:32:02 PM



#56  
 Ethyl methacrylate  
 Concen: 17.124 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 125042 |       |       |
| 41      | 72.1 | 54.9  | 82.3   |       |       |
| 39      | 38.1 | 29.3  | 43.9   |       |       |





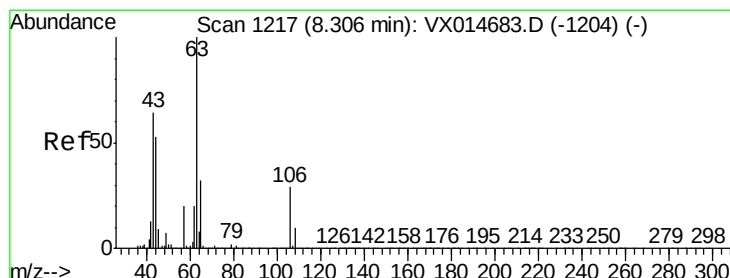
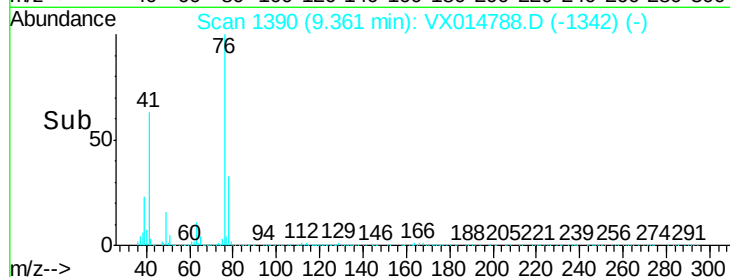
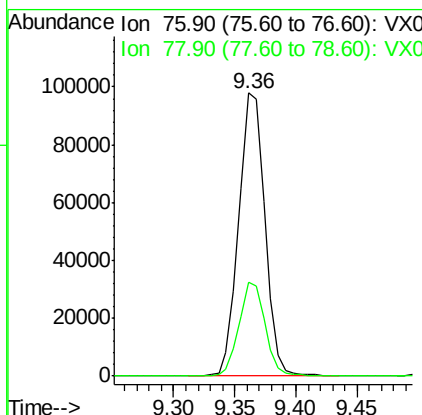
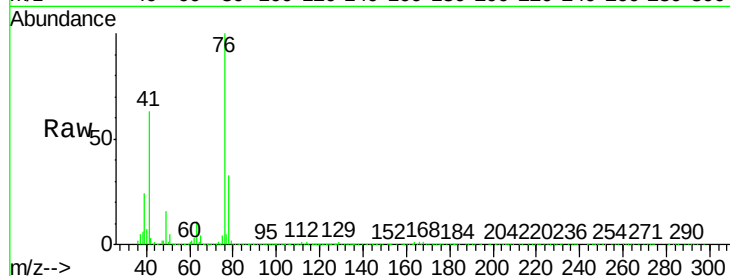
#57  
 1,3-Dichloropropane  
 Concen: 18.215 ug/l  
 RT: 9.36 min Scan# 1390  
 Delta R.T. -0.01 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0203WBS01

Tot Ion: 76 Resp: 144376  
 Ion Ratio Lower Upper  
 76 100  
 78 32.7 26.0 39.0

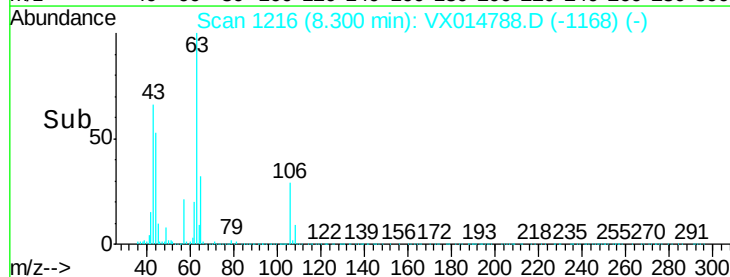
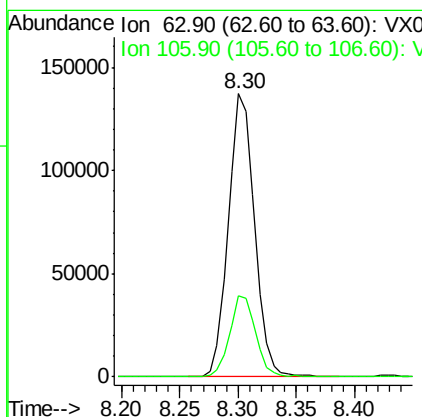
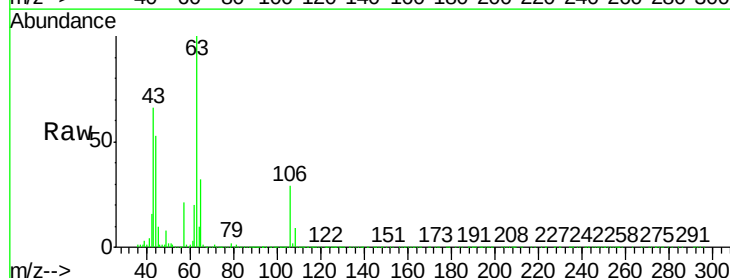
Manual Integrations  
 APPROVED

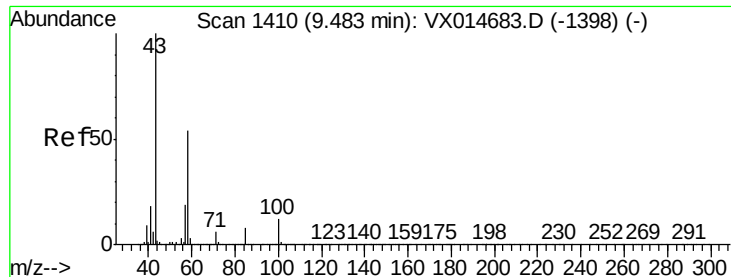
MMDadoda  
 2/4/2020 3:32:02 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 92.148 ug/l  
 RT: 8.30 min Scan# 1216  
 Delta R.T. -0.01 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

Tgt Ion: 63 Resp: 214872  
 Ion Ratio Lower Upper  
 63 100  
 106 28.5 22.7 34.1





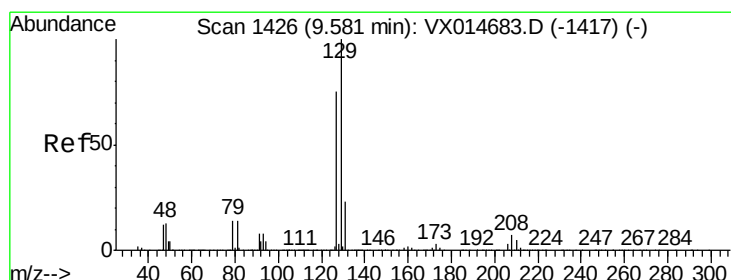
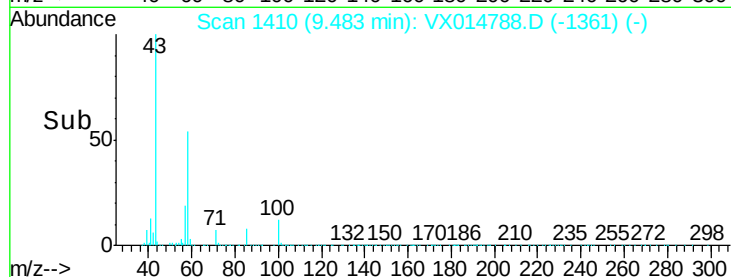
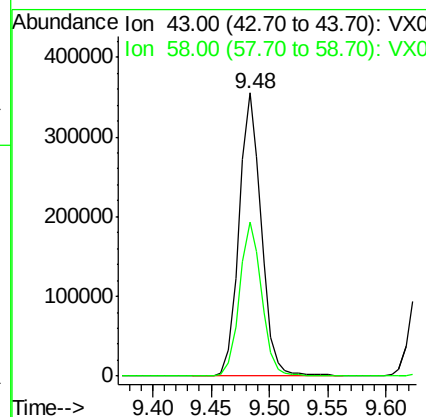
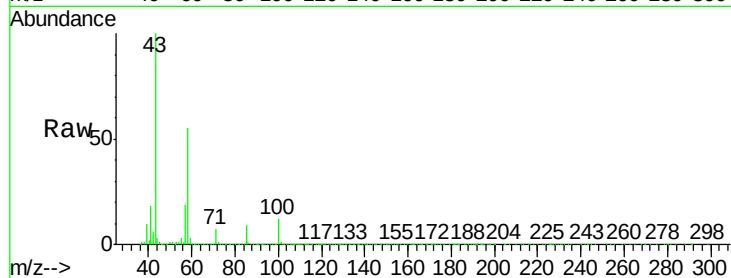
#59  
2-Hexanone  
Concen: 86.095 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

Tot Ion: 43 Resp: 471548  
Ion Ratio Lower Upper  
43 100  
58 54.4 27.2 81.5

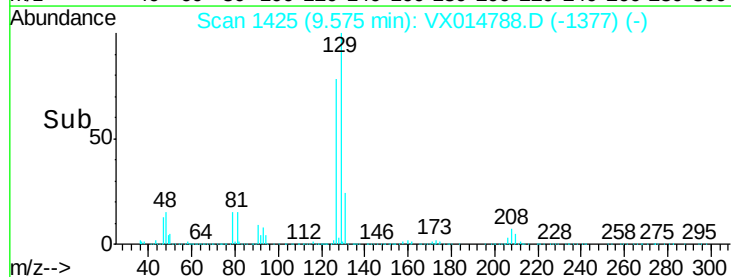
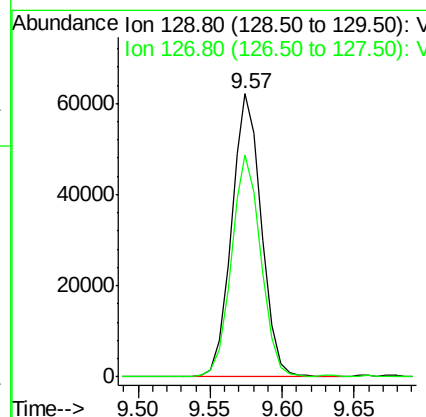
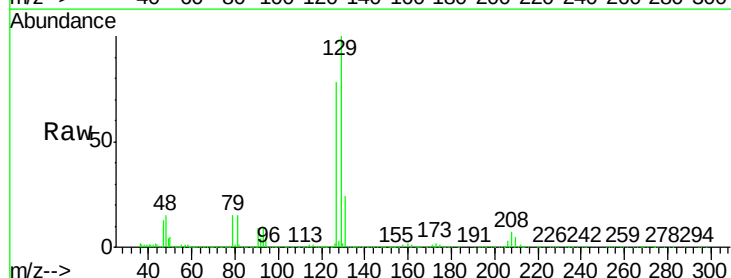
Manual Integrations  
APPROVED

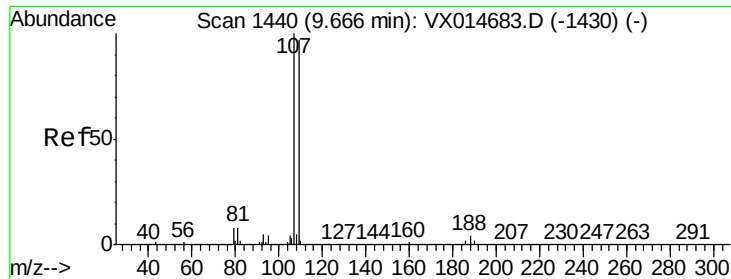
MMDadoda  
2/4/2020 3:32:02 PM



#60  
Dibromochloromethane  
Concen: 18.354 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Tgt Ion: 129 Resp: 88828  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.5 115.5





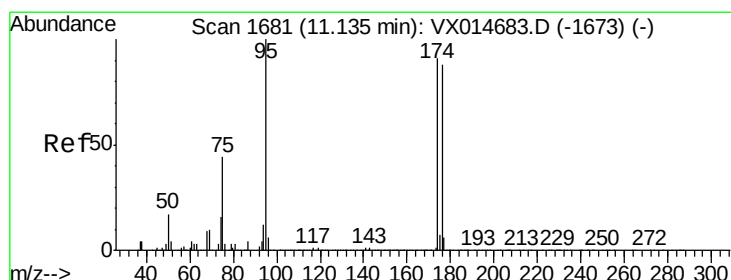
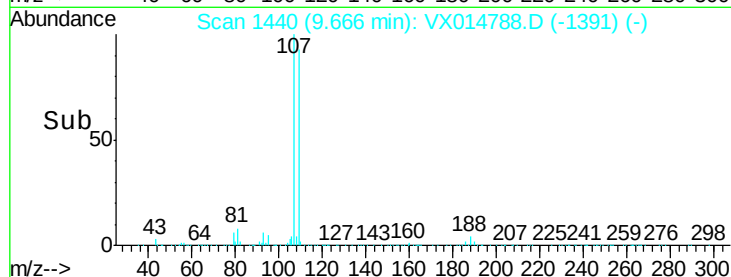
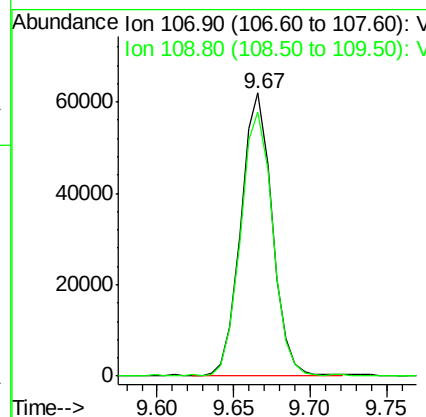
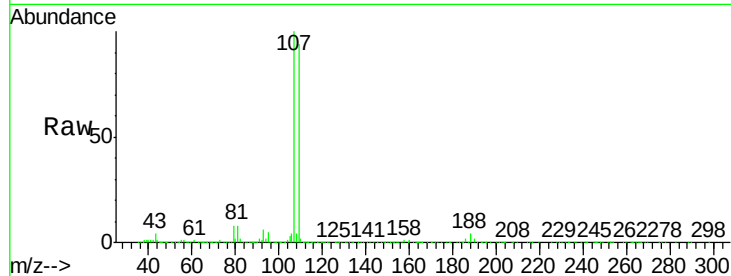
#61  
 1,2-Dibromoethane  
 Concen: 17.818 ug/l  
 RT: 9.67 min Scan# 1440  
 Delta R.T. 0.00 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0203WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 95.9  | 76.2  | 114.2 |

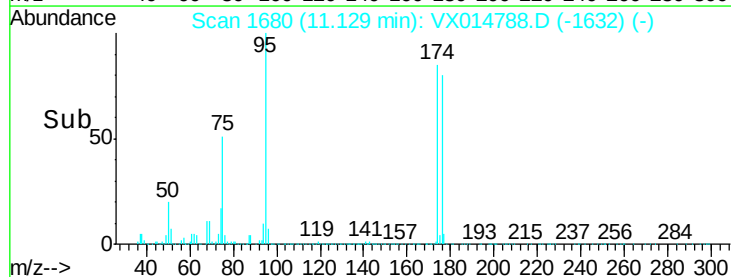
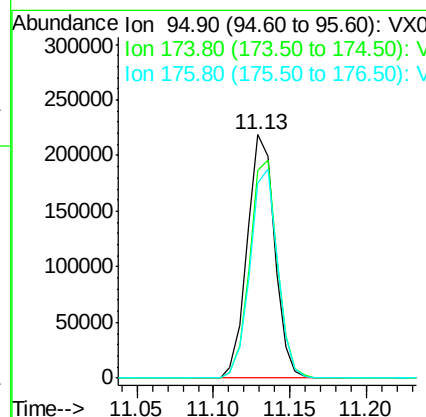
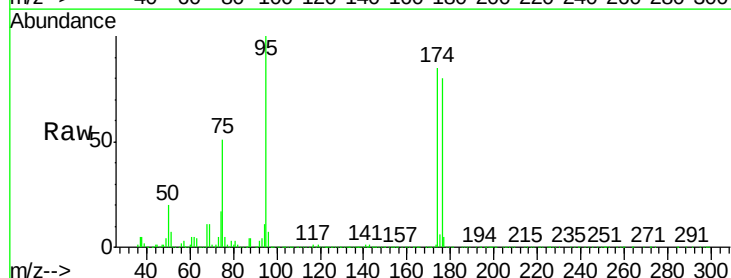
Manual Integrations  
 APPROVED

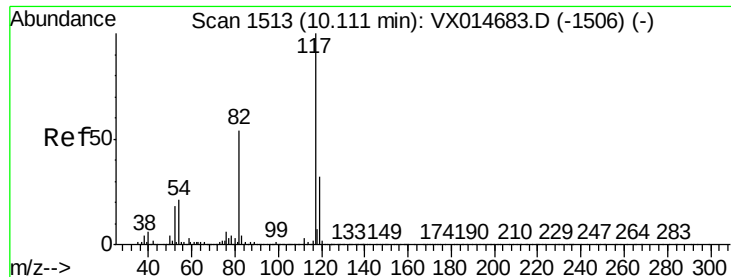
MMDadoda  
 2/4/2020 3:32:02 PM



#62  
 4-Bromofluorobenzene  
 Concen: 49.186 ug/l  
 RT: 11.13 min Scan# 1680  
 Delta R.T. -0.01 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 90.3  | 0.0   | 176.0 |
| 176     | 86.5  | 0.0   | 172.2 |





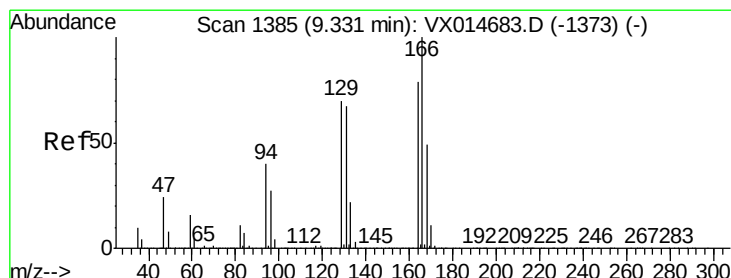
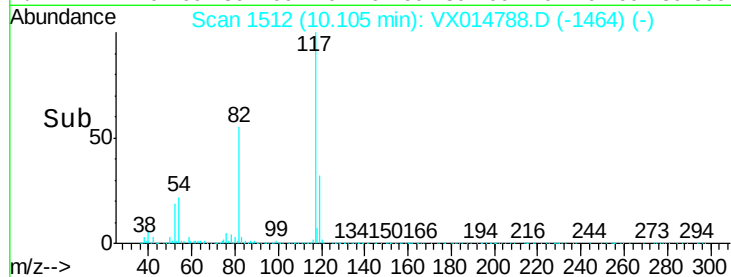
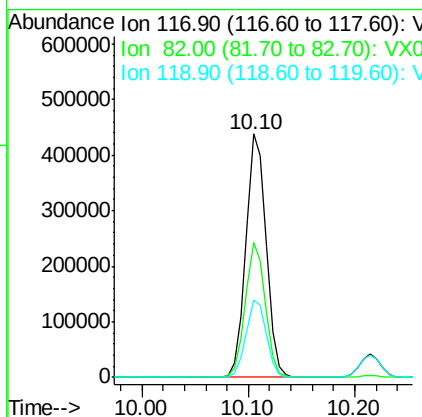
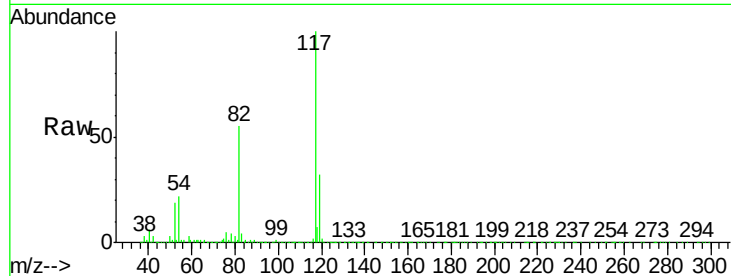
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1512  
Delta R.T. -0.01 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 117     | 100   |            |       |
| 82      | 55.3  | 43.2       | 64.8  |
| 119     | 31.8  | 25.8       | 38.6  |

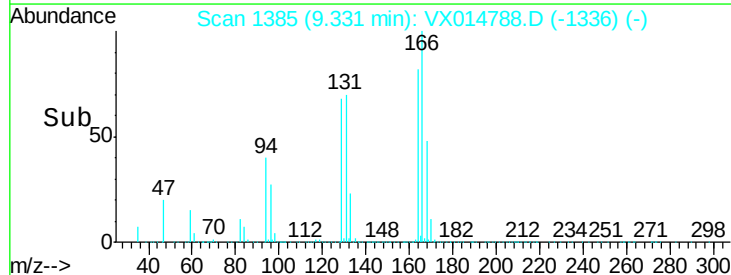
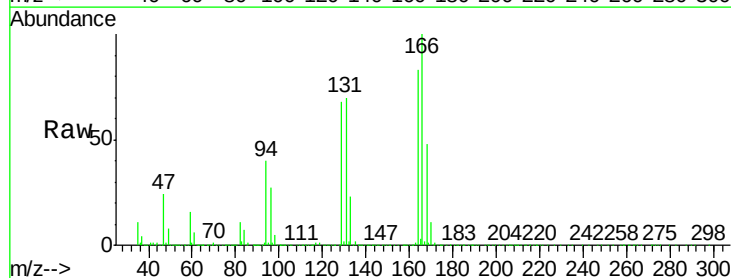
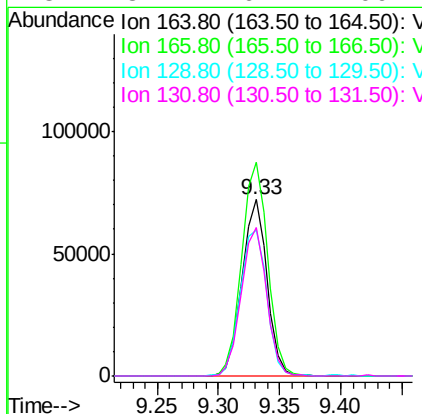
Manual Integrations  
APPROVED

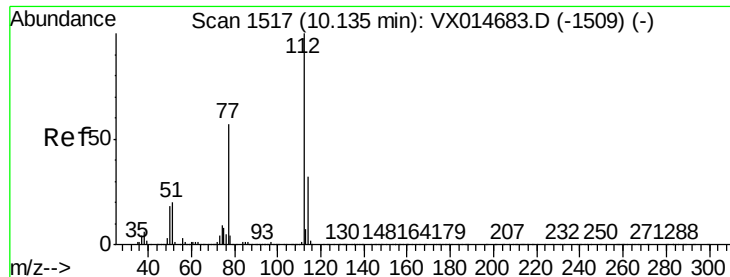
MMDadoda  
2/4/2020 3:32:02 PM



#64  
Tetrachloroethene  
Concen: 17.647 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 164     | 100   |            |       |
| 166     | 120.9 | 100.9      | 151.3 |
| 129     | 82.7  | 71.0       | 106.6 |
| 131     | 84.1  | 67.1       | 100.7 |





#65

Chlorobenzene

Concen: 17.795 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBS01

Tot Ion:112 Resp: 22384

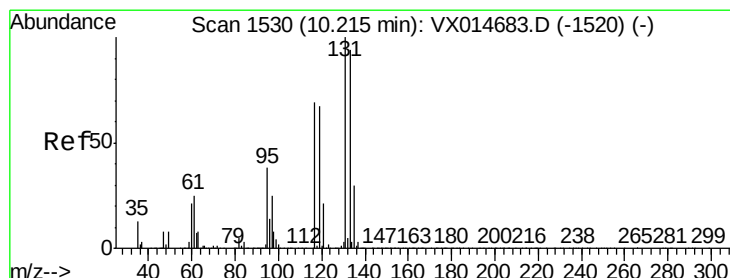
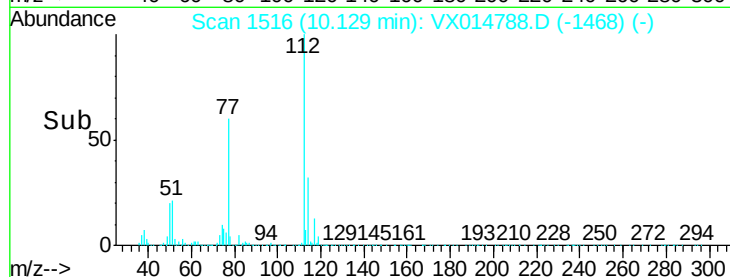
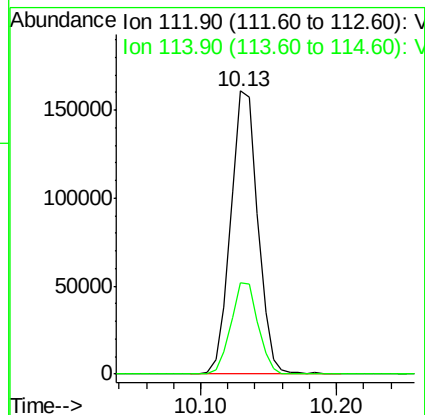
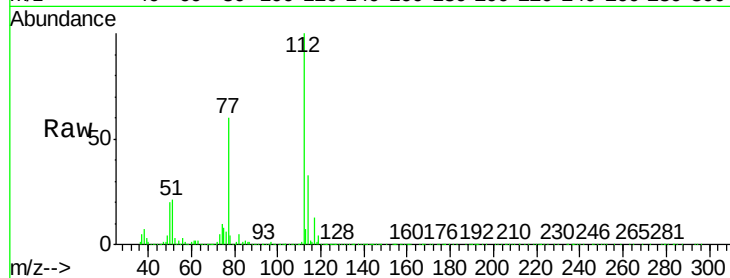
Ion Ratio Lower Upper

112 100

114 32.5 25.8 38.8

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 18.169 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

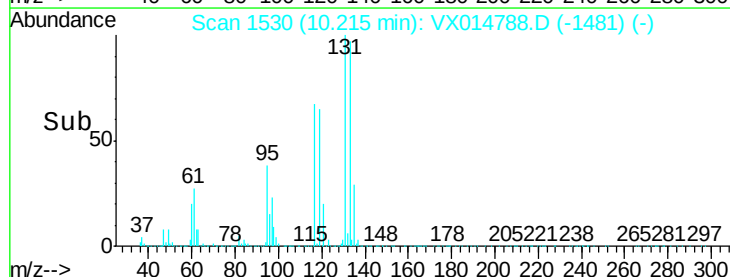
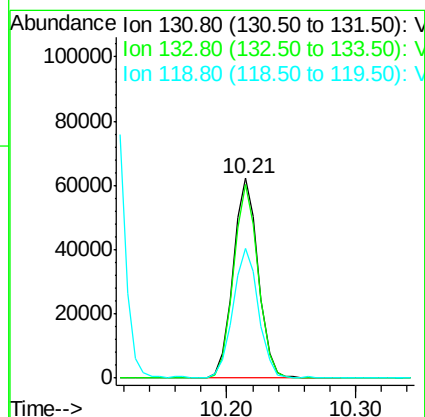
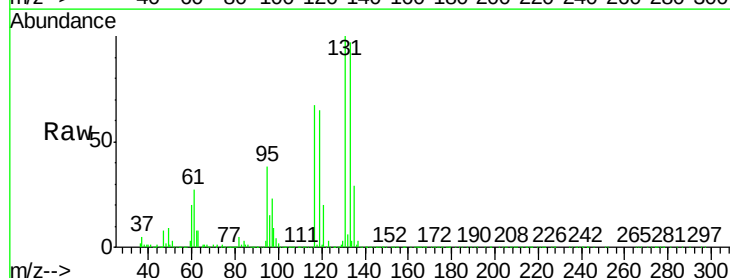
Tgt Ion:131 Resp: 84093

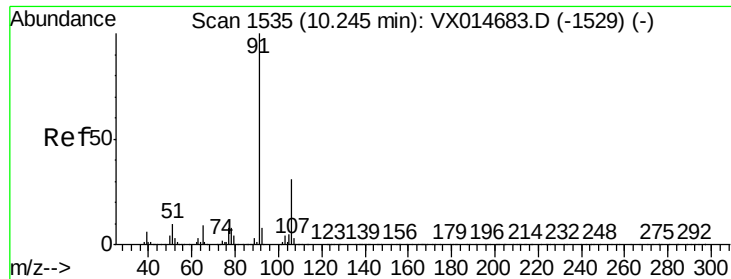
Ion Ratio Lower Upper

131 100

133 95.8 47.4 142.3

119 65.6 33.3 99.8





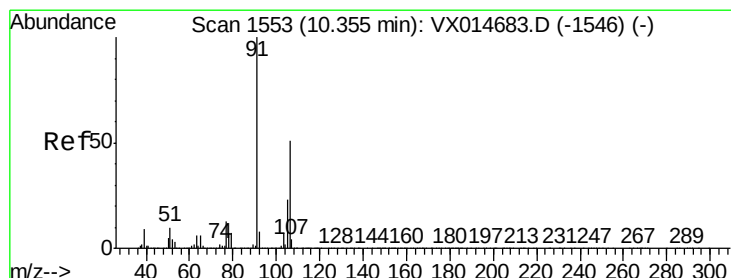
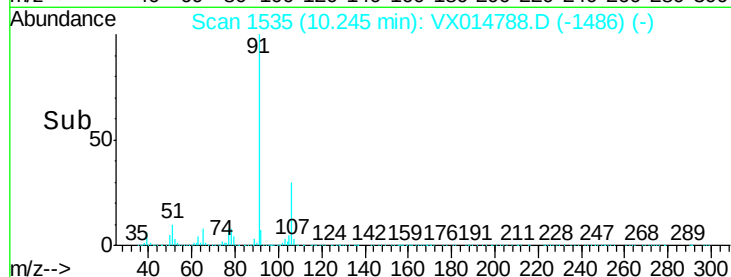
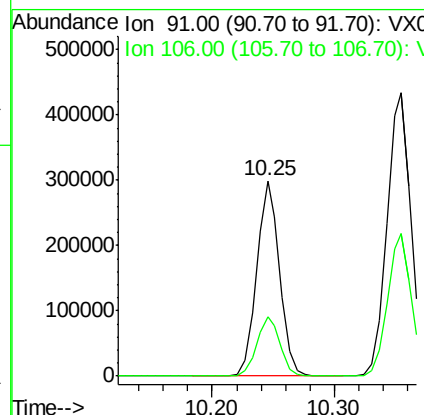
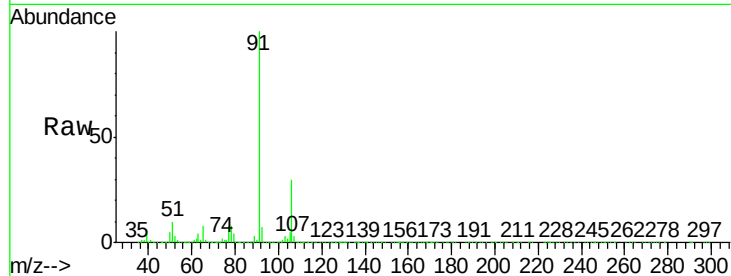
#67  
Ethyl Benzene  
Concen: 18.108 ug/l  
RT: 10.25 min Scan# 1535  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0203WBS01

Tot Ion: 91 Resp: 388129  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.9 37.3

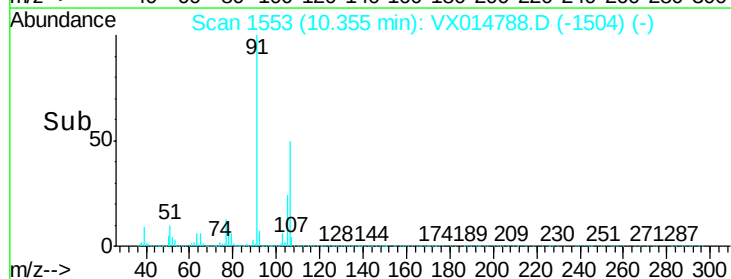
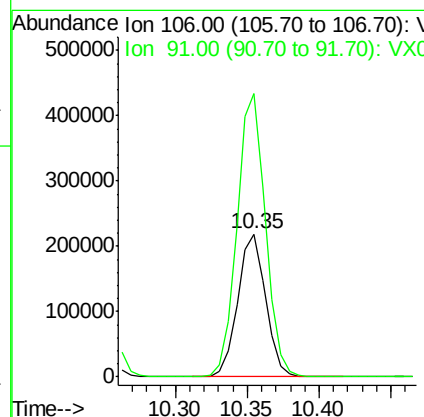
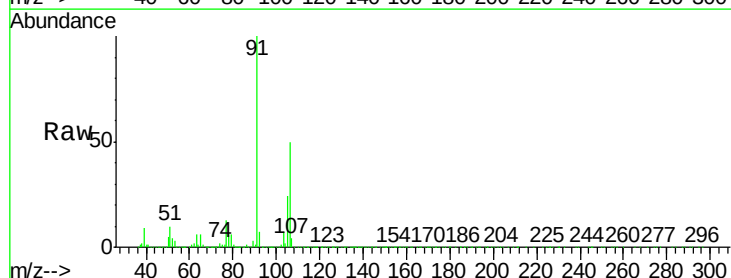
Manual Integrations  
APPROVED

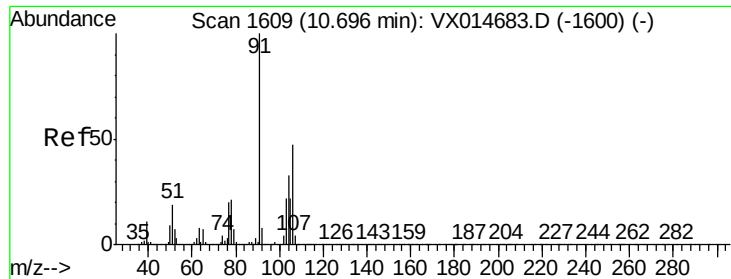
MMDadoda  
2/4/2020 3:32:02 PM



#68  
m/p-Xylenes  
Concen: 36.432 ug/l  
RT: 10.35 min Scan# 1553  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Tgt Ion: 106 Resp: 295842  
Ion Ratio Lower Upper  
106 100  
91 201.2 159.4 239.2





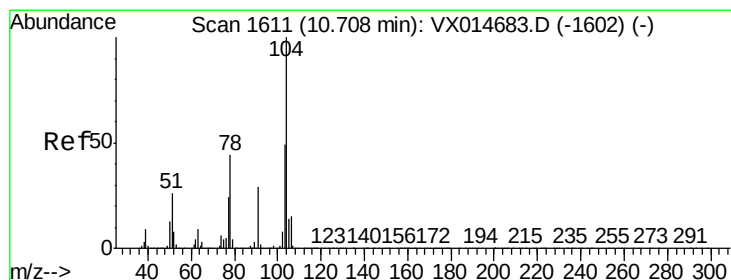
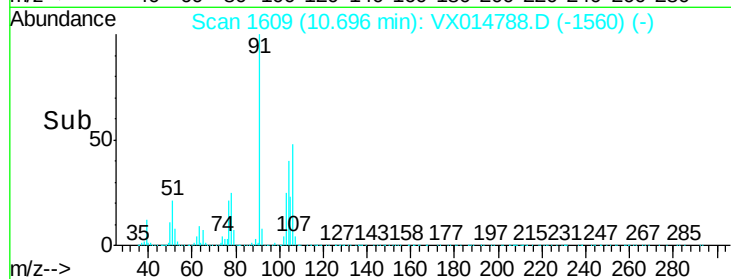
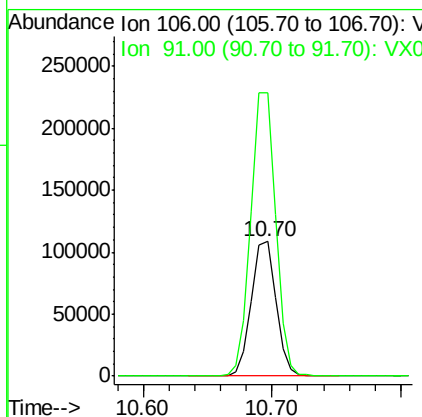
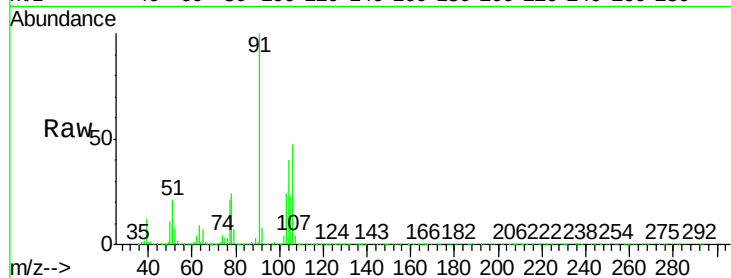
#69  
o-Xylene  
Concen: 18.181 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0203WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 142531 |       |       |
| 91      | 213.0 | 106.2  | 318.6 |       |

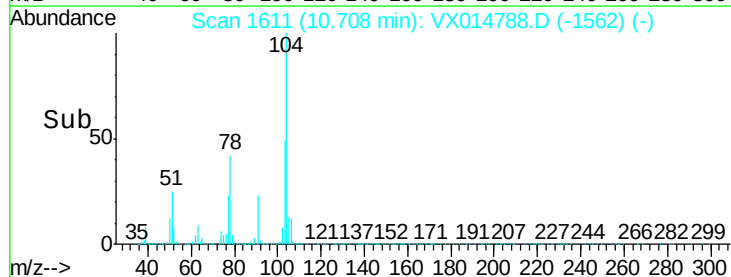
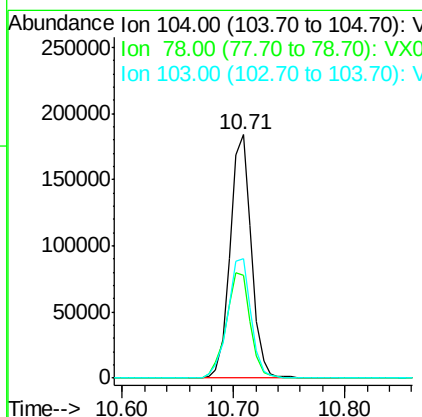
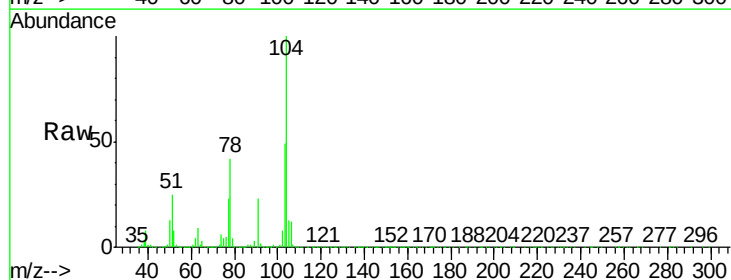
Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM

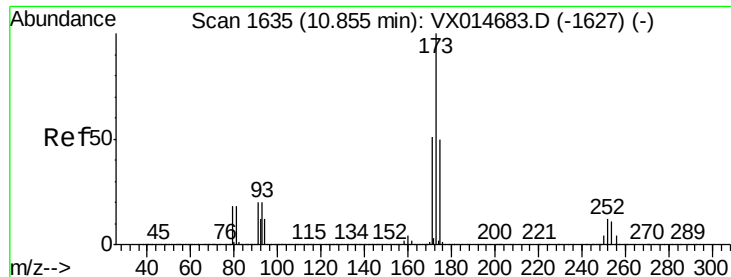


#70  
Styrene  
Concen: 18.288 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 240492 |       |       |
| 78      | 49.4  | 39.3   | 58.9  |       |
| 103     | 54.5  | 43.5   | 65.3  |       |







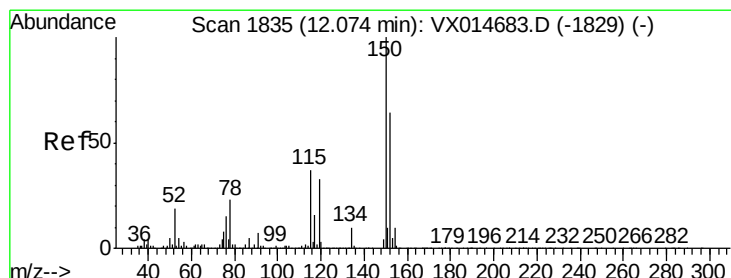
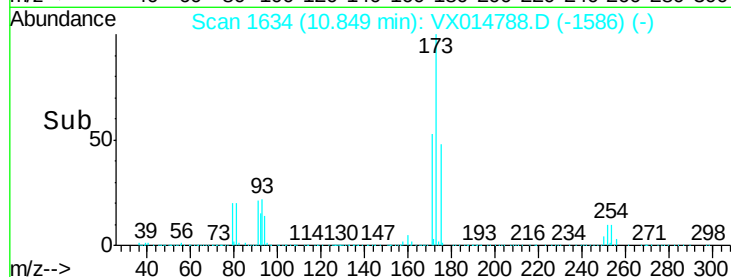
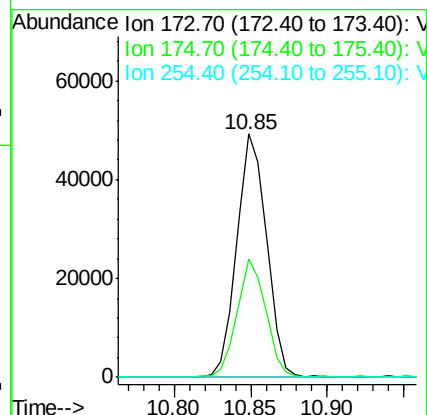
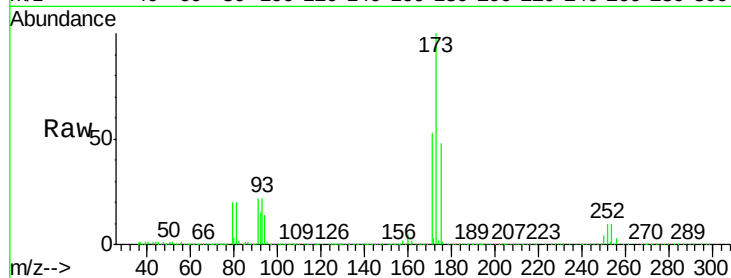
#71  
Bromoform  
Concen: 18.044 ug/l  
RT: 10.85 min Scan# 1634  
Delta R.T. -0.01 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.7  | 24.6  | 73.6  |
| 254     | 0.1   | 0.1   | 0.1   |

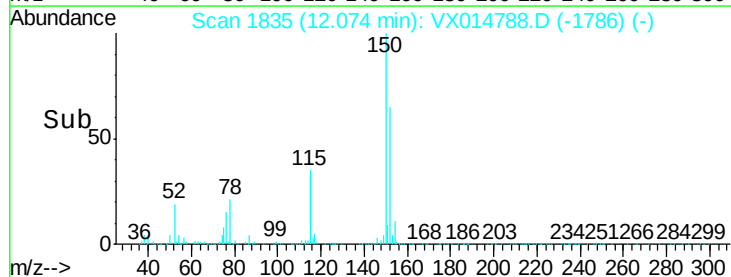
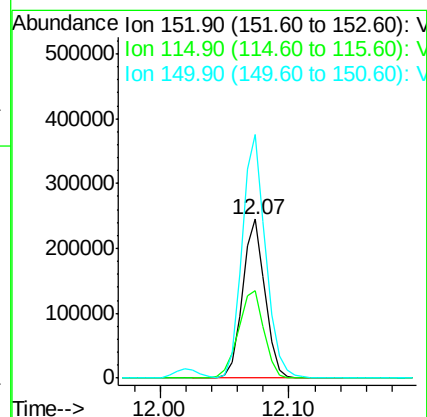
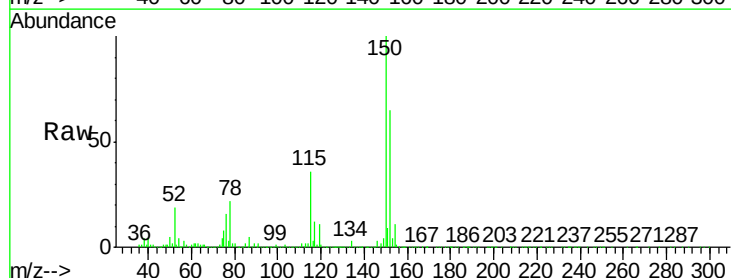
Manual Integrations  
APPROVED

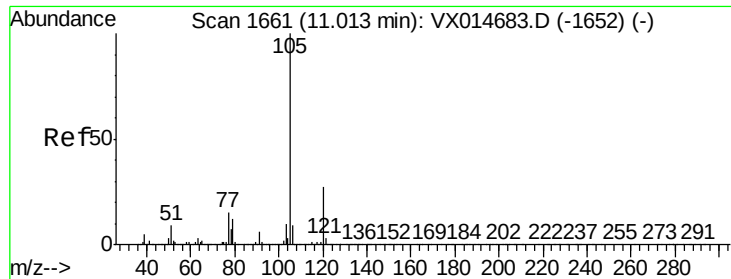
MMDadoda  
2/4/2020 3:32:02 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 63.6  | 39.4  | 118.1 |
| 150     | 161.6 | 0.0   | 351.2 |





#73

Isopropylbenzene

Concen: 18.543 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBS01

Tot Ion: 105 Resp: 382214

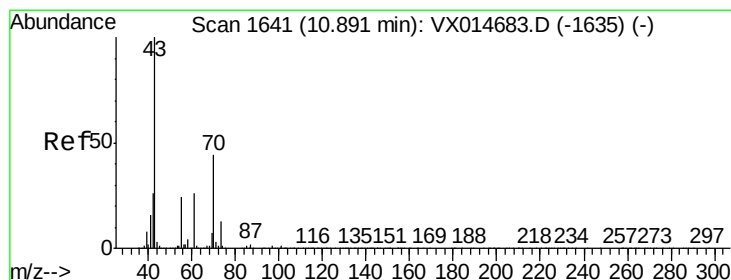
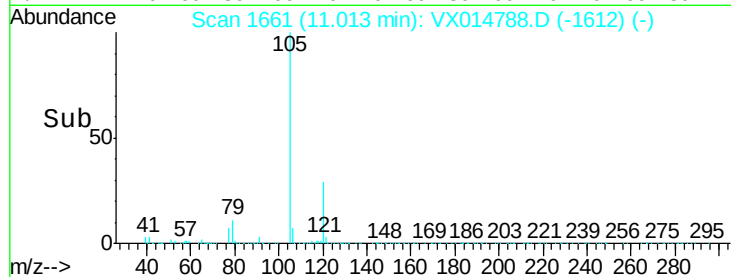
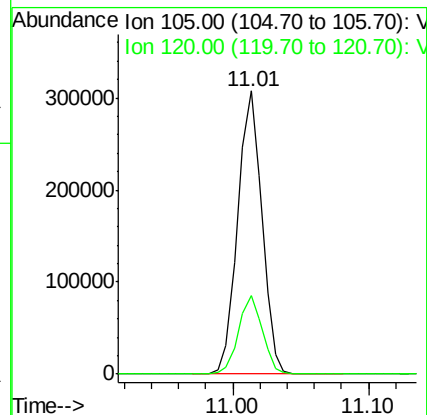
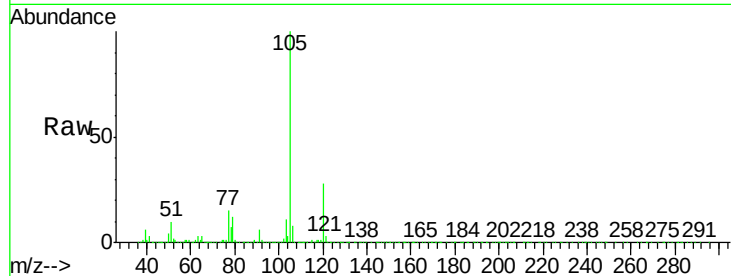
Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



#74

N-ethyl acetate

Concen: 17.728 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Tgt Ion: 43 Resp: 160126

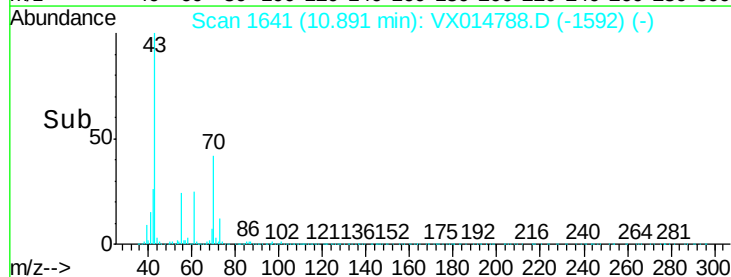
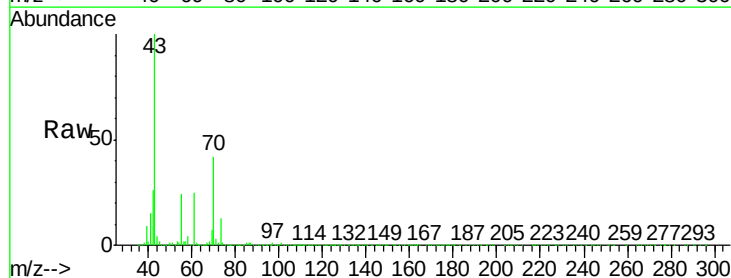
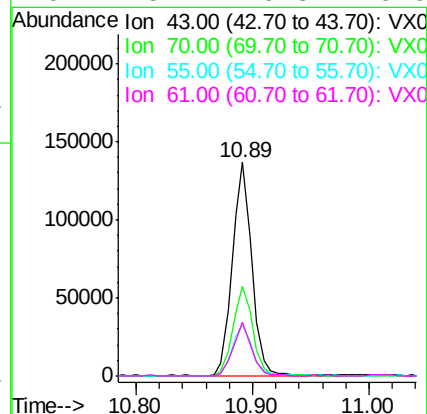
Ion Ratio Lower Upper

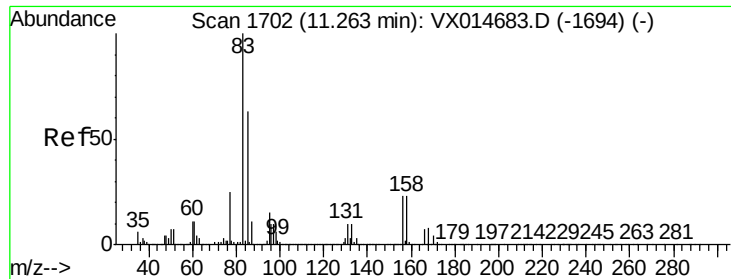
43 100

70 42.3 34.6 52.0

55 24.4 19.4 29.2

61 23.2 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.405 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

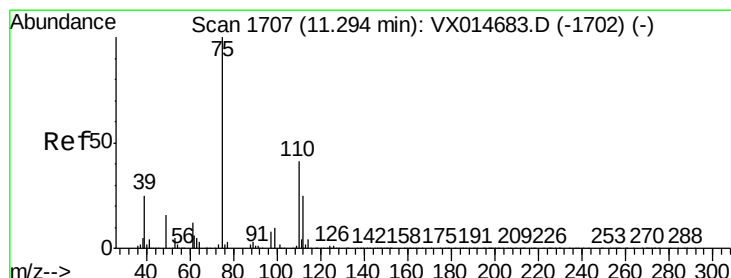
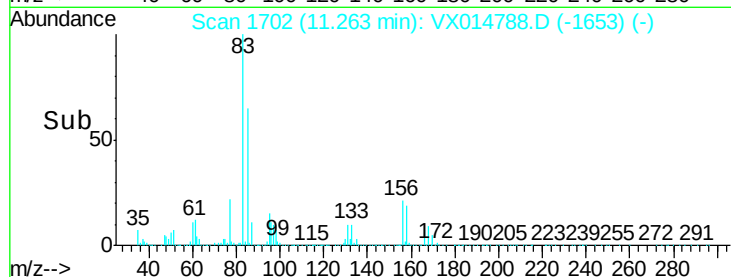
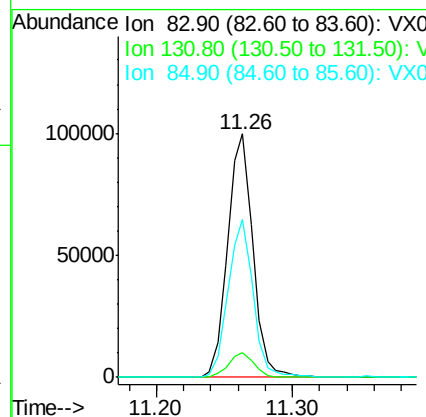
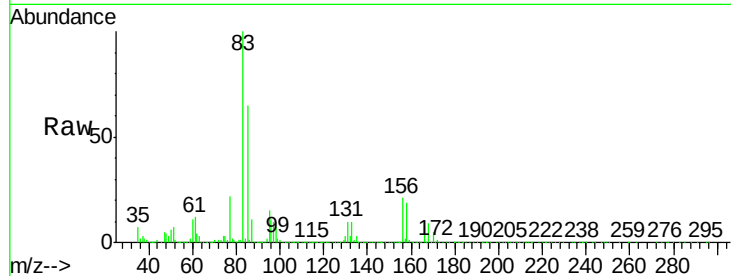
ClientSampleId :

VX0203WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 128096 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.5  | 5.0   | 15.0   |
| 85        | 64.4  | 31.7  | 95.1   |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



#76

1,2,3-Trichloropropane

Concen: 15.938 ug/l m

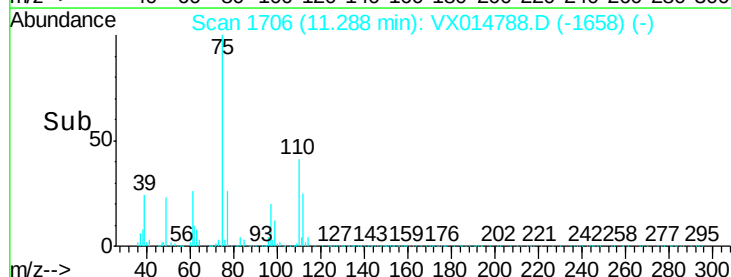
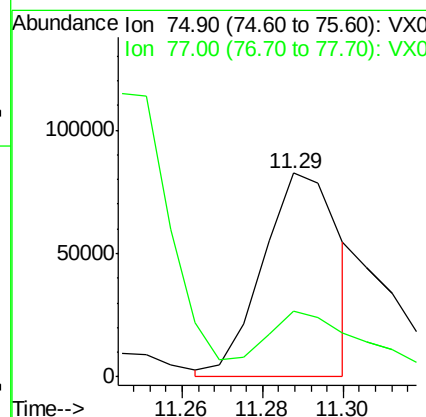
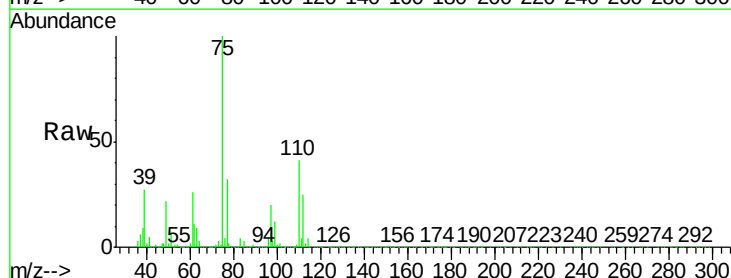
RT: 11.29 min Scan# 1706

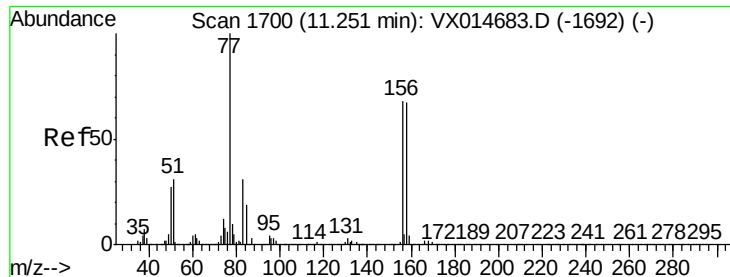
Delta R.T. -0.01 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 108700 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 42.5  | 18.7  | 56.1   |





#77

Bromobenzene

Concen: 18.114 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

Instrument :

MSVOA\_X

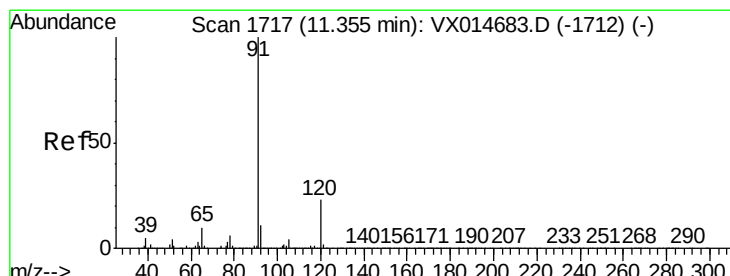
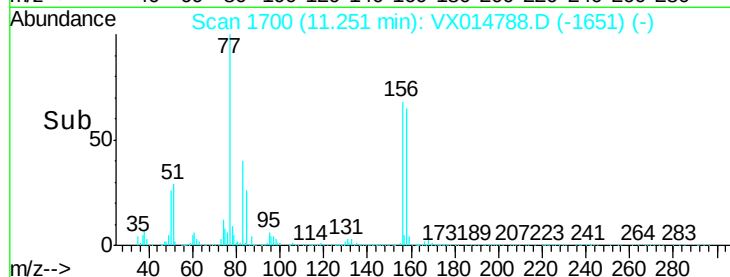
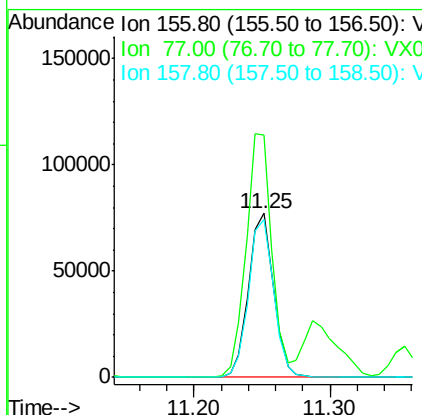
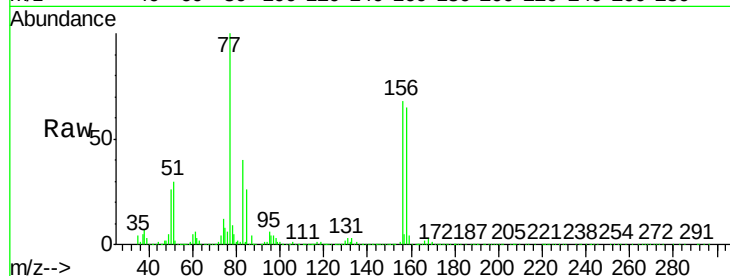
ClientSampled :

VX0203WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 100308 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 151.2 | 77.5  | 232.5  |
| 158       | 96.0  | 49.1  | 147.3  |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



#78

n-propylbenzene

Concen: 18.711 ug/l

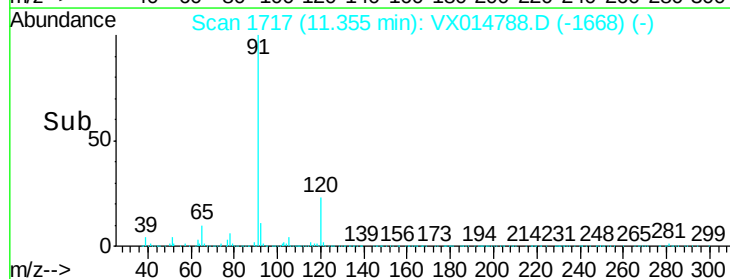
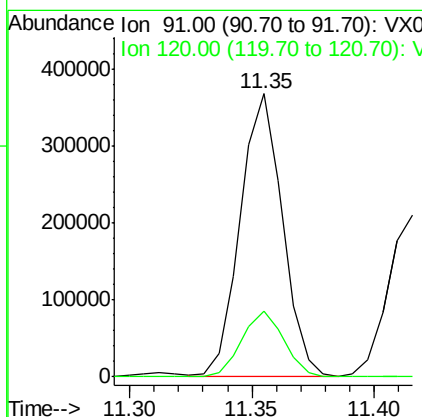
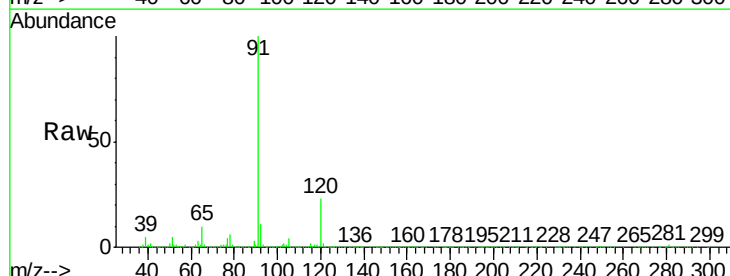
RT: 11.35 min Scan# 1717

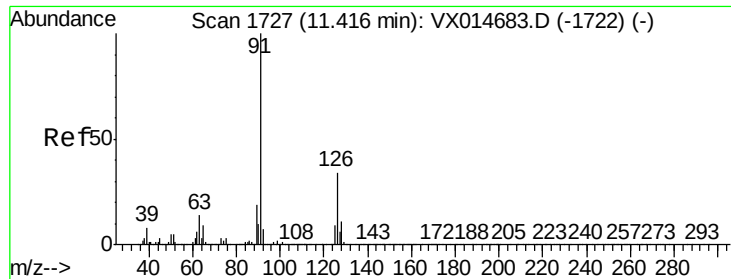
Delta R.T. 0.00 min

Lab File: VX014788.D

Acq: 03 Feb 2020 11:08

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 437773 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.4  | 11.7  | 35.0   |





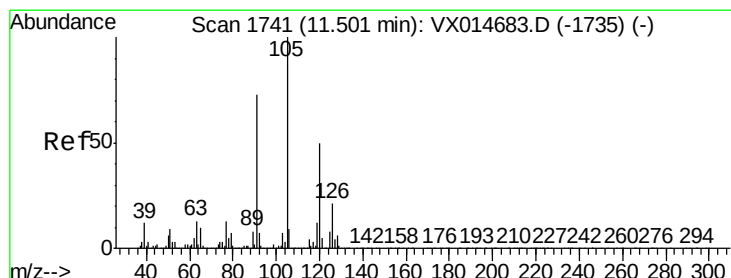
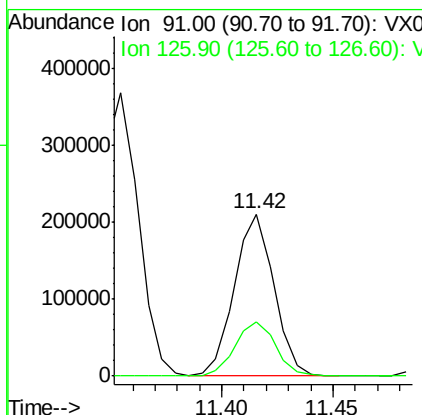
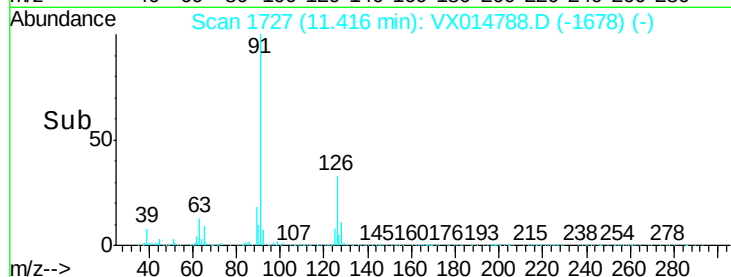
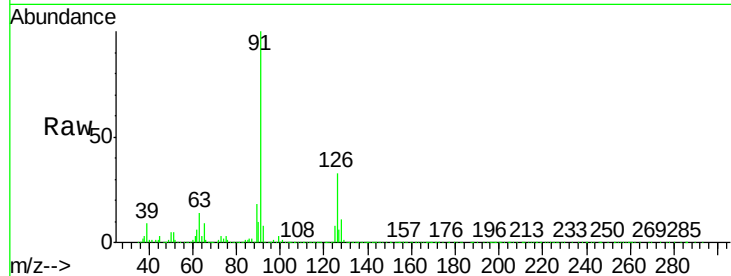
#79  
 2-Chlorotoluene  
 Concen: 18.326 ug/l  
 RT: 11.42 min Scan# 1727  
 Delta R.T. 0.00 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0203WBS01

Tot Ion: 91 Resp: 259428  
 Ion Ratio Lower Upper  
 91 100  
 126 34.6 17.3 51.9

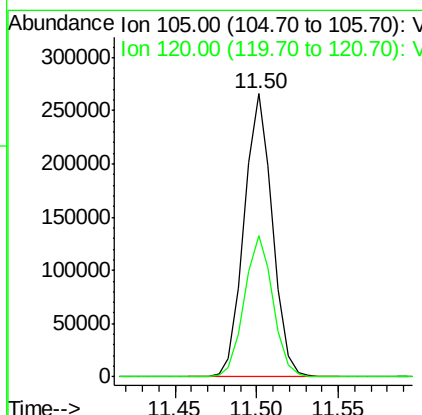
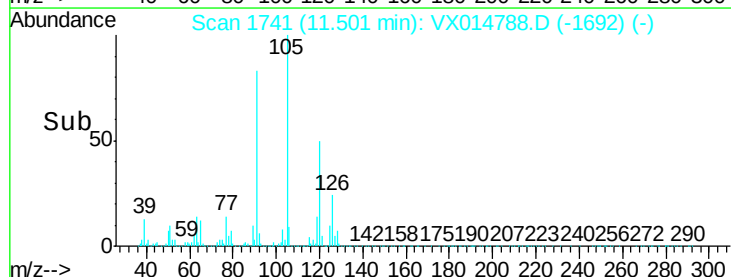
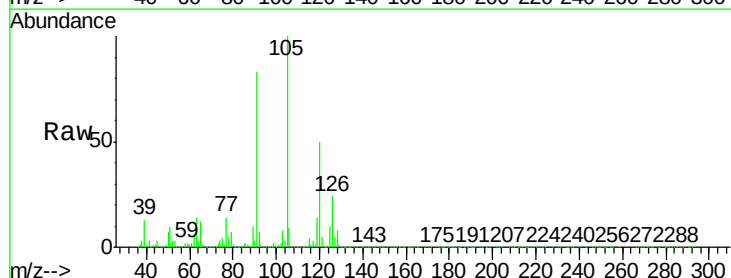
Manual Integrations  
 APPROVED

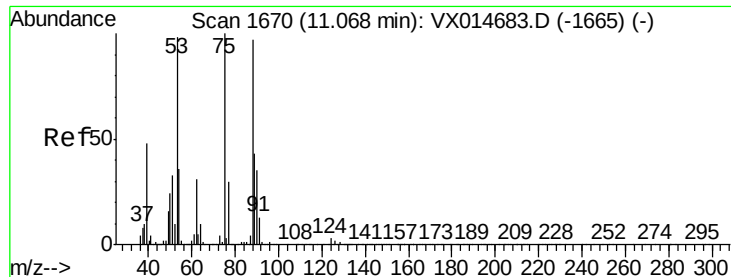
MMDadoda  
 2/4/2020 3:32:02 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 18.750 ug/l  
 RT: 11.50 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

Tgt Ion: 105 Resp: 320774  
 Ion Ratio Lower Upper  
 105 100  
 120 50.3 24.9 74.6





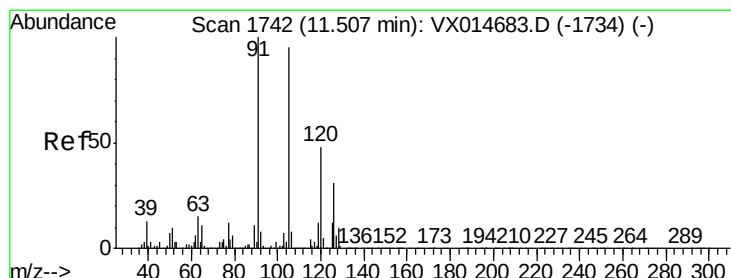
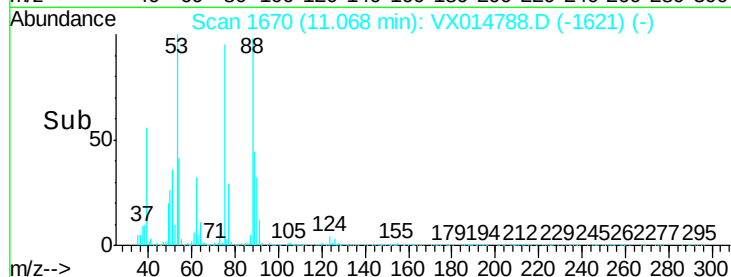
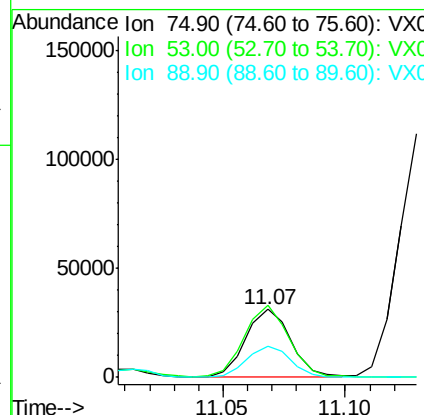
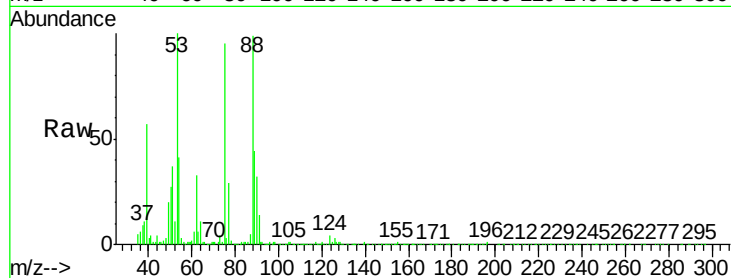
#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.439 ug/l  
RT: 11.07 min Scan# 1670  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 104.6 | 78.8  | 118.2 |
| 89      | 46.6  | 35.4  | 53.0  |

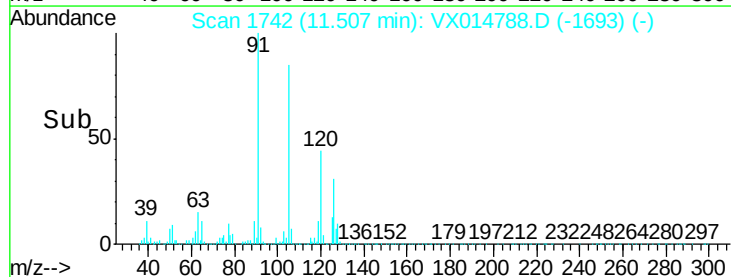
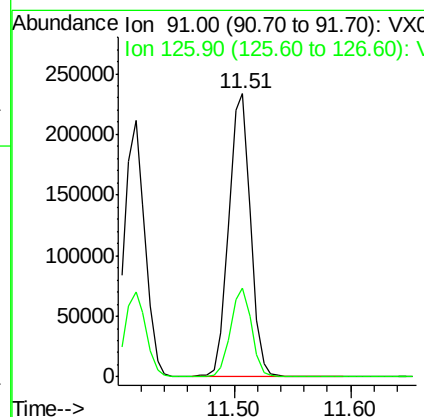
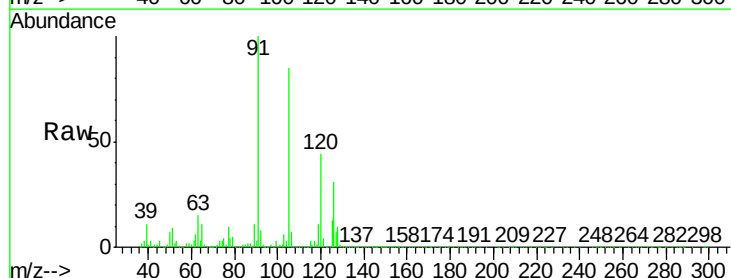
Manual Integrations  
APPROVED

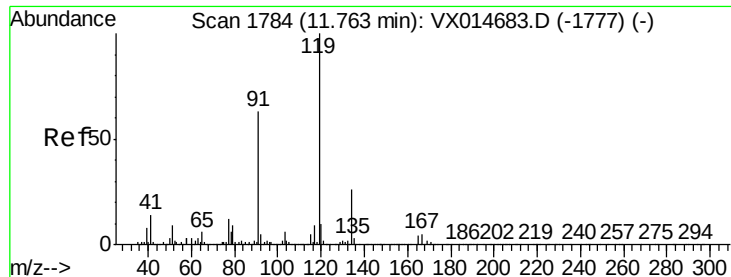
MMDadoda  
2/4/2020 3:32:02 PM



#82  
4-Chlorotoluene  
Concen: 18.560 ug/l  
RT: 11.51 min Scan# 1742  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 30.3  | 15.4  | 46.4  |





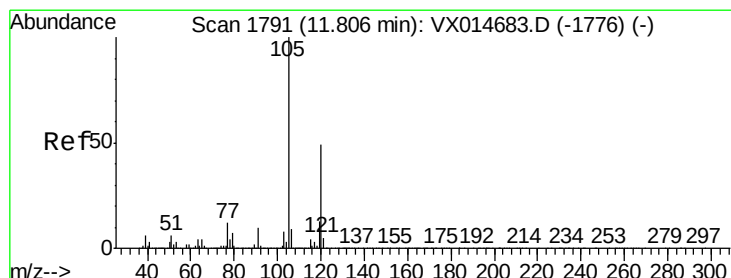
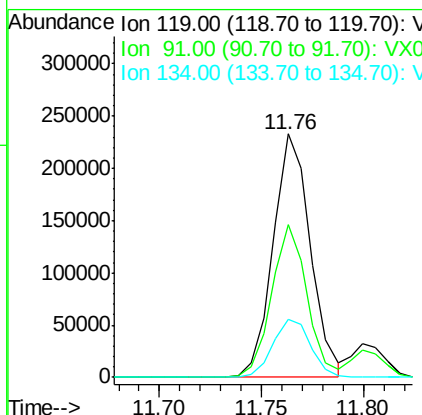
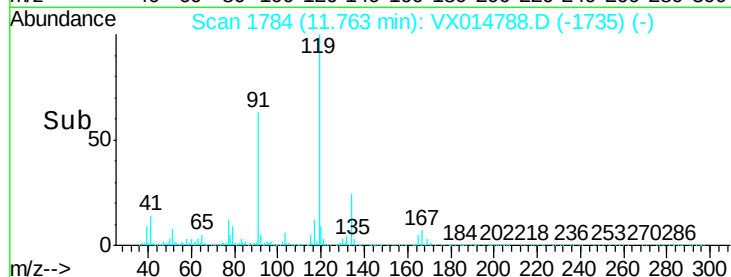
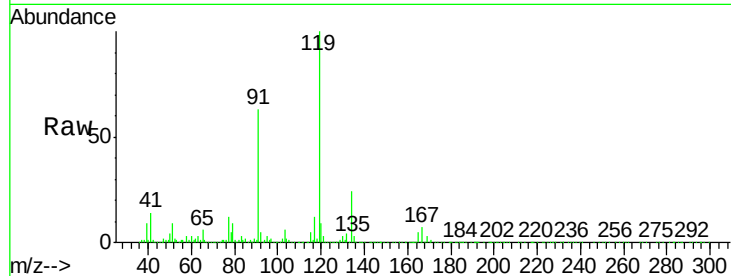
#83  
tert-Butylbenzene  
Concen: 18.460 ug/l  
RT: 11.76 min Scan# 1784  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 296759 |       |       |
| 91      | 59.5  |        | 30.0  | 90.0  |
| 134     | 24.5  |        | 12.7  | 38.0  |

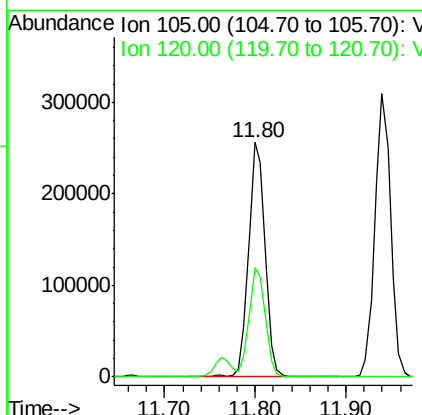
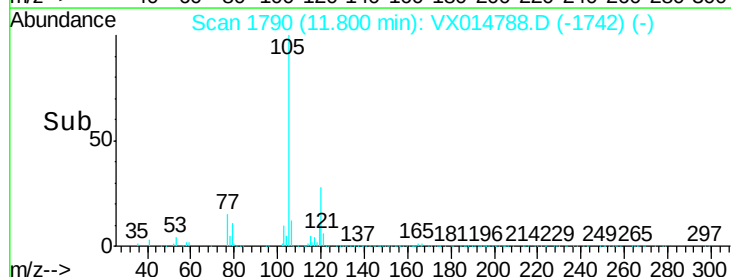
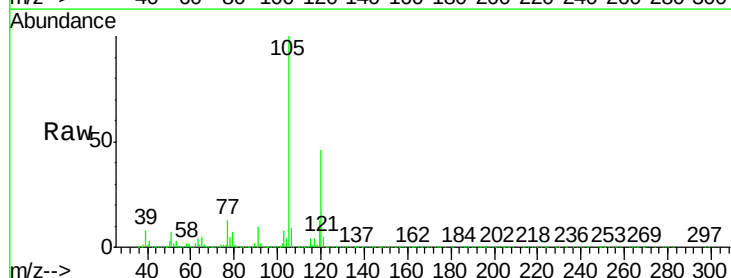
Manual Integrations  
APPROVED

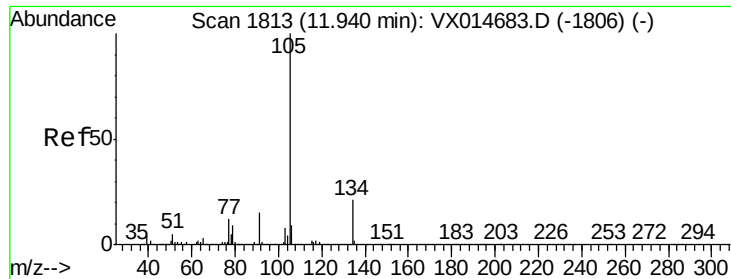
MMDadoda  
2/4/2020 3:32:02 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 18.745 ug/l  
RT: 11.80 min Scan# 1790  
Delta R.T. -0.01 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 321657 |       |       |
| 120     | 45.8  |        | 23.4  | 70.0  |





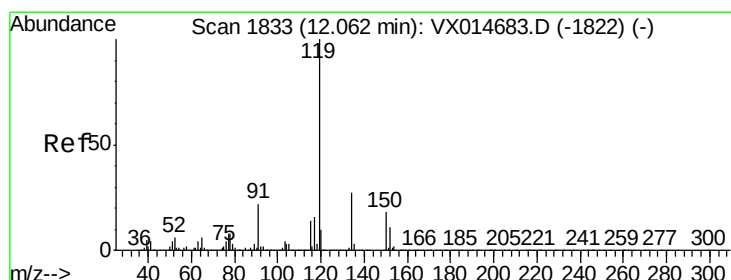
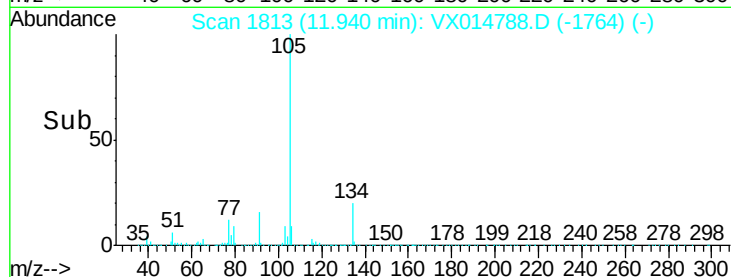
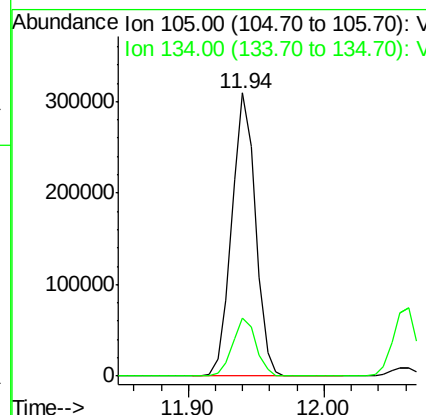
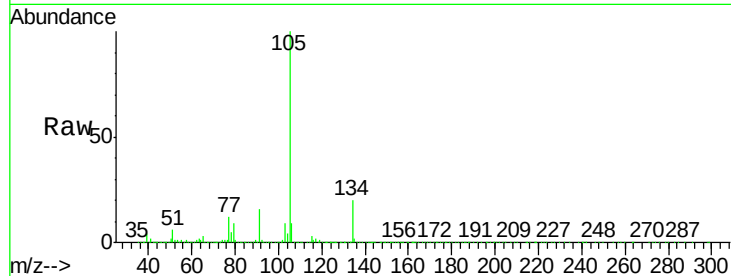
#85  
 sec-Butylbenzene  
 Concen: 18.922 ug/l  
 RT: 11.94 min Scan# 1813  
 Delta R.T. 0.00 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0203WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.5  | 10.3  | 30.8  |

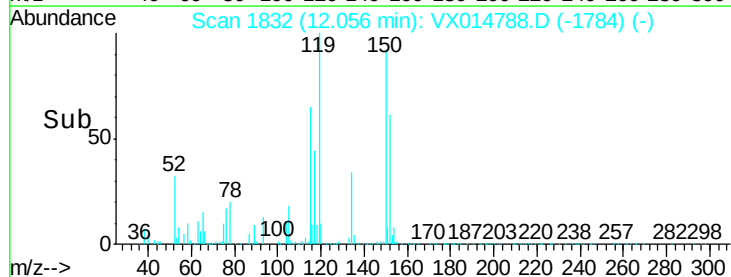
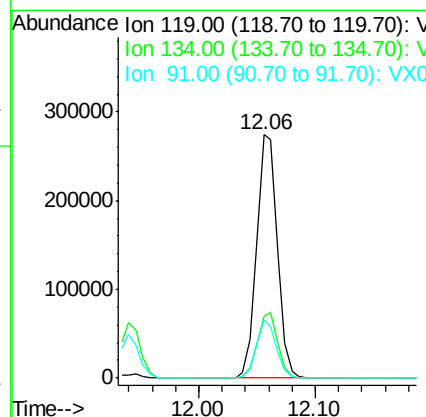
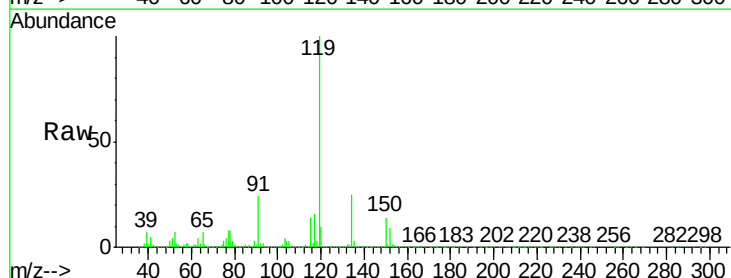
Manual Integrations  
 APPROVED

MMDadoda  
 2/4/2020 3:32:02 PM

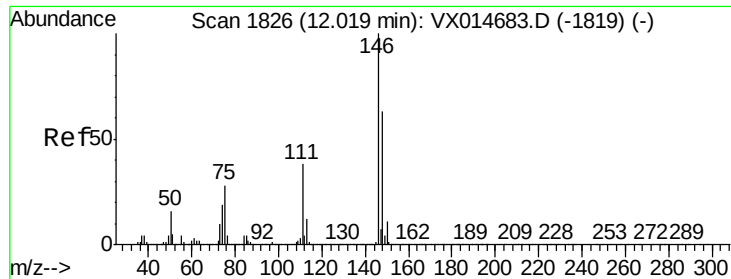


#86  
 p-Isopropyltoluene  
 Concen: 18.706 ug/l  
 RT: 12.06 min Scan# 1832  
 Delta R.T. -0.01 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.4  | 13.5  | 40.4  |
| 91      | 23.1  | 11.3  | 33.8  |







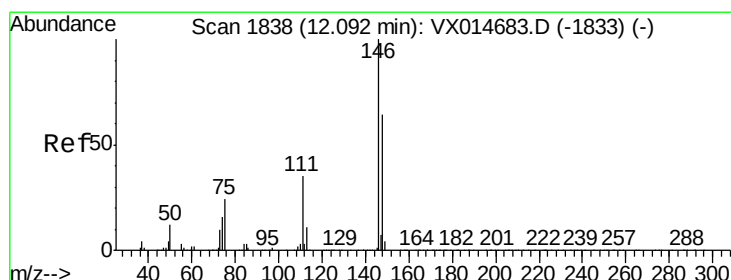
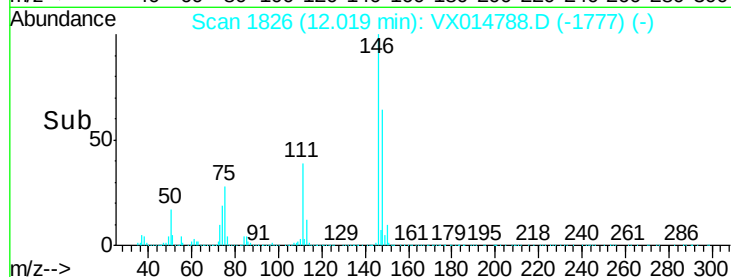
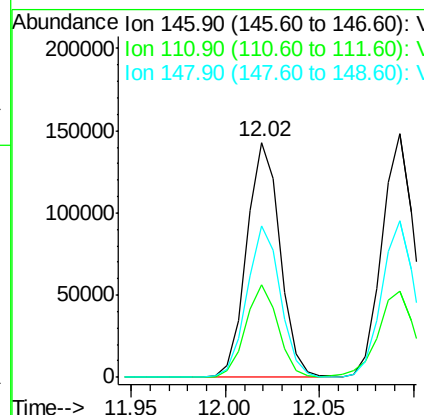
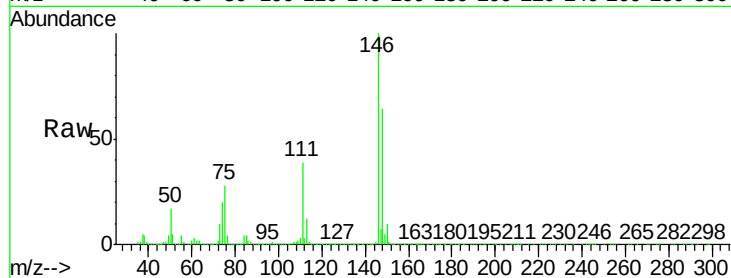
#87  
 1,3-Dichlorobenzene  
 Concen: 17.559 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0203WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 19.0  | 57.0  |
| 148     | 64.7  | 31.6  | 95.0  |

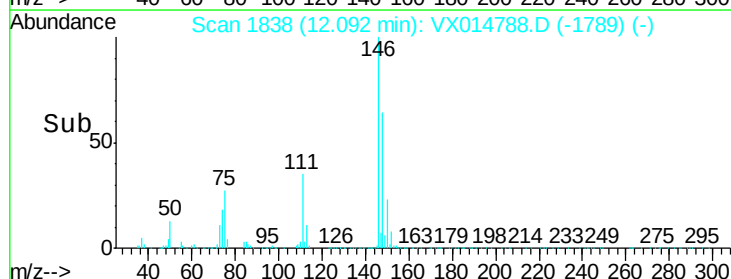
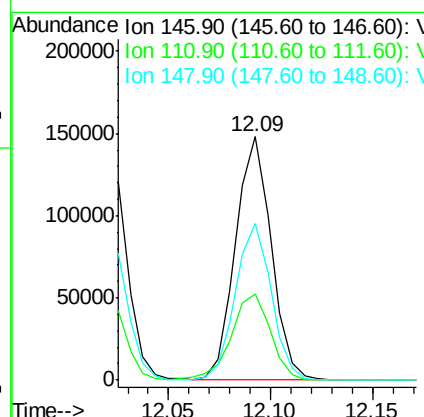
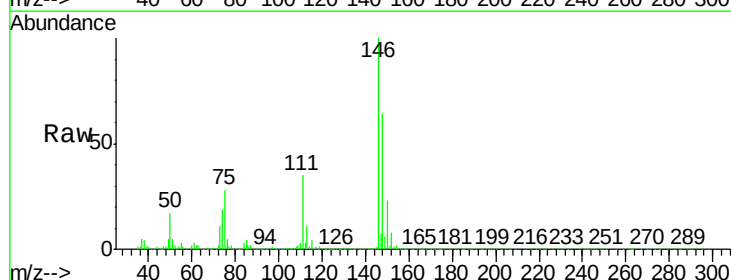
Manual Integrations  
 APPROVED

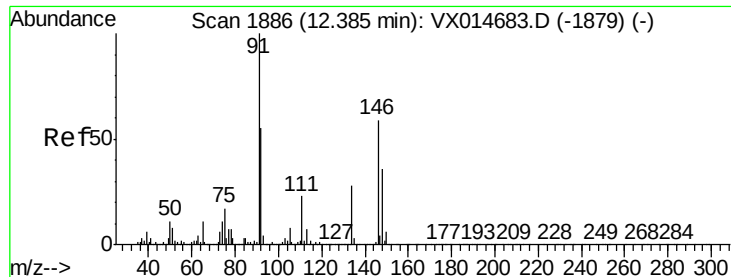
MMDadoda  
 2/4/2020 3:32:02 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 17.932 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 18.6  | 55.8  |
| 148     | 64.8  | 32.0  | 96.2  |





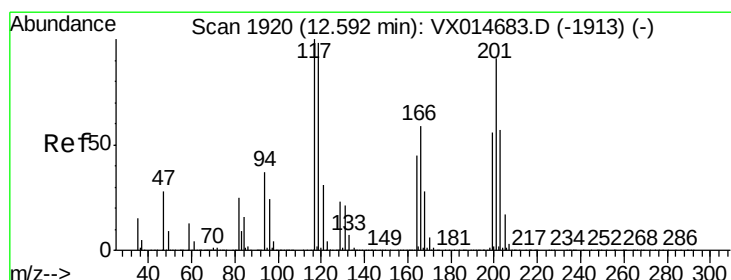
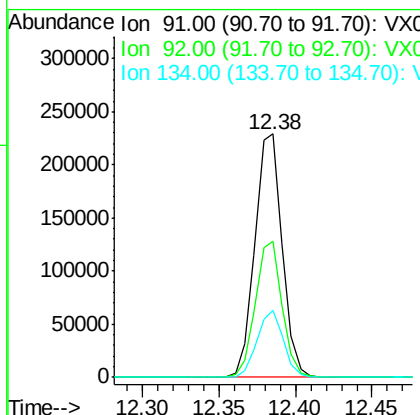
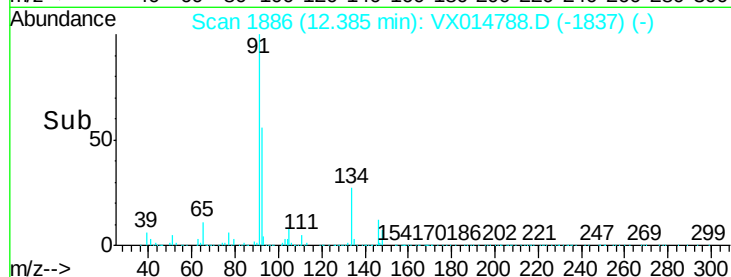
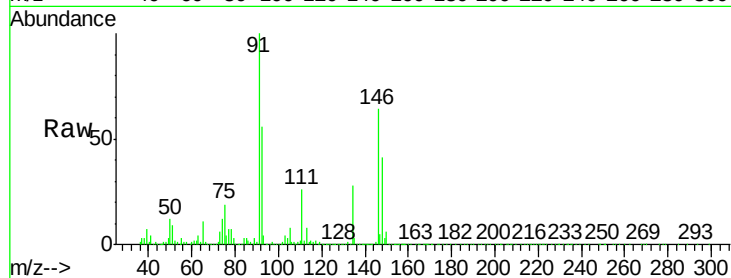
#89  
n-Butylbenzene  
Concen: 17.936 ug/l  
RT: 12.38 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.8  | 27.6  | 82.7  |
| 134     | 26.7  | 13.3  | 39.8  |

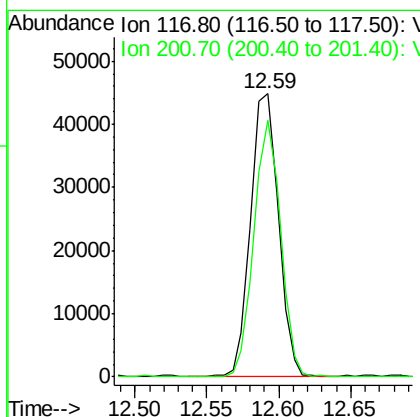
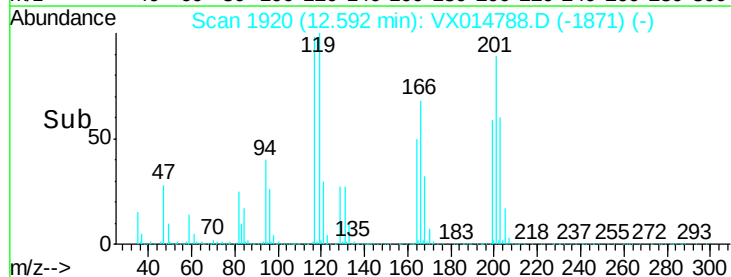
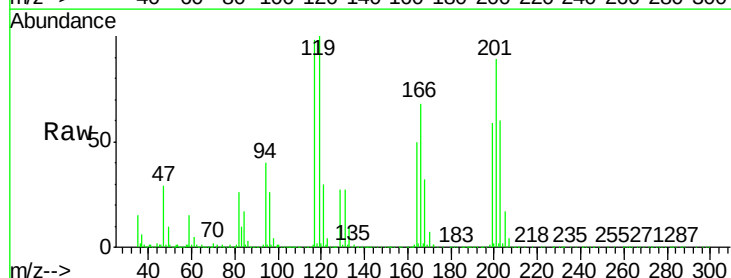
Manual Integrations  
APPROVED

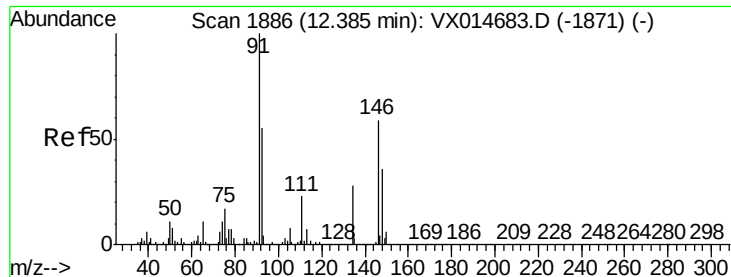
MMDadoda  
2/4/2020 3:32:02 PM



#90  
Hexachloroethane  
Concen: 17.570 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 87.4  | 44.4  | 133.1 |





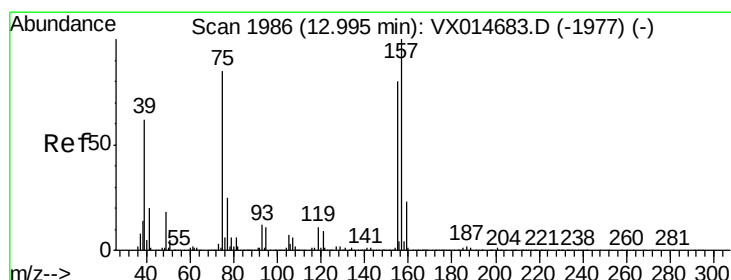
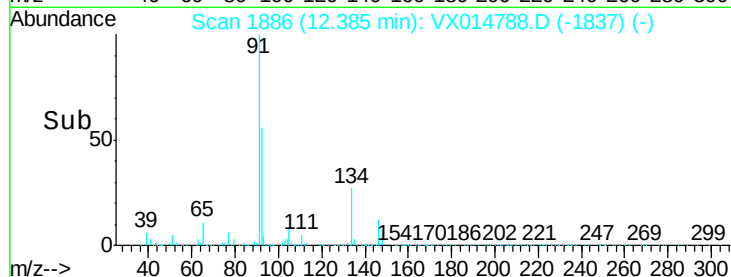
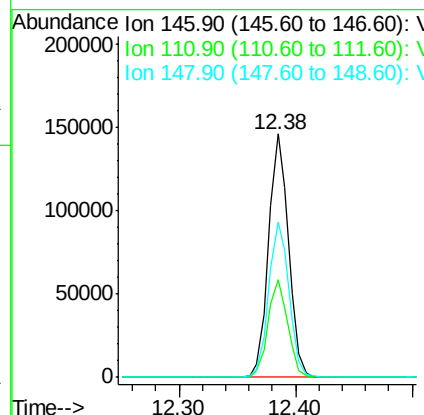
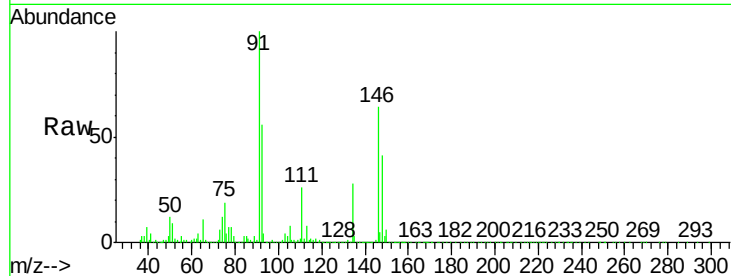
#91  
 1,2-Dichlorobenzene  
 Concen: 17.787 ug/l  
 RT: 12.38 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0203WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 175804 |       |       |
| 111     | 39.6  | 19.6   | 58.8  |       |
| 148     | 64.9  | 31.9   | 95.9  |       |

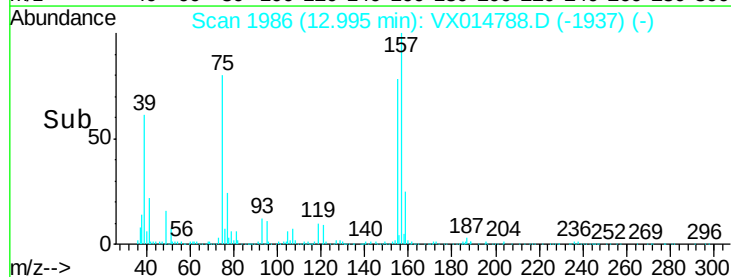
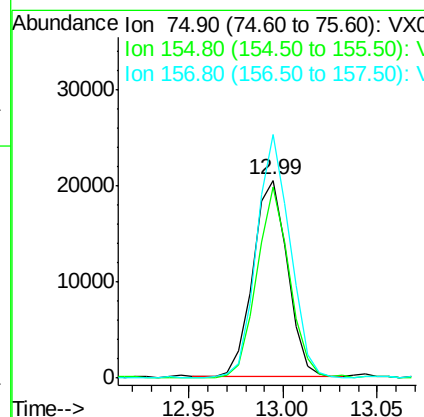
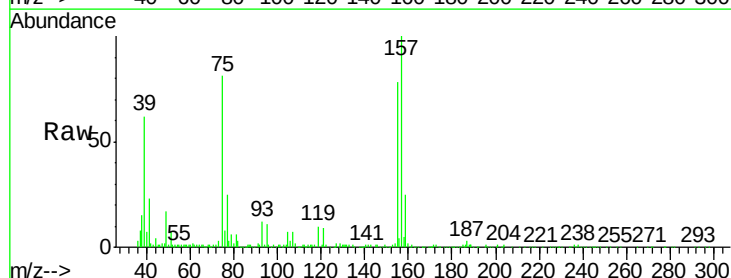
Manual Integrations  
 APPROVED

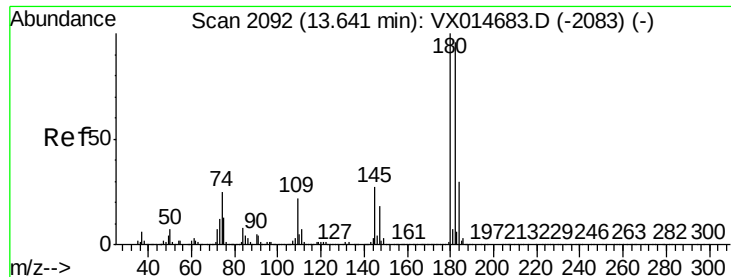
MMDadoda  
 2/4/2020 3:32:02 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 16.410 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VX014788.D  
 Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 25948 |       |       |
| 155     | 92.6  | 45.6  | 136.9 |       |
| 157     | 120.5 | 60.3  | 180.9 |       |





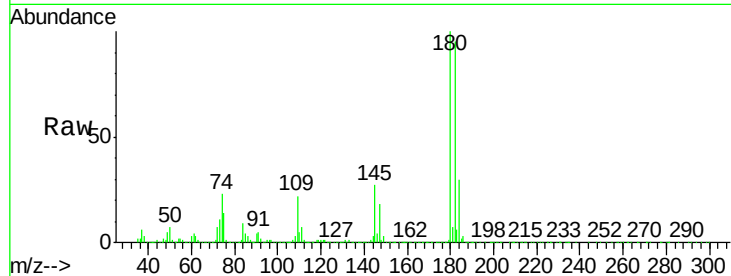
#93  
1,2,4-Trichlorobenzene  
Concen: 17.632 ug/l  
RT: 13.64 min Scan# 2092  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0203WBS01

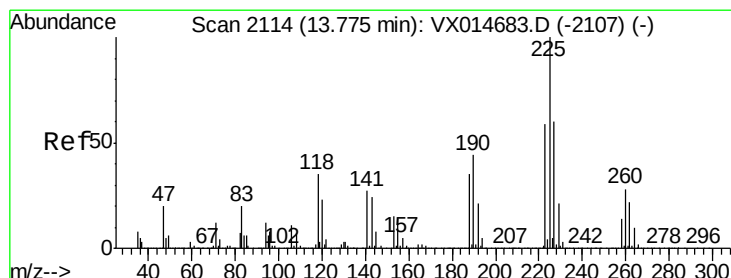
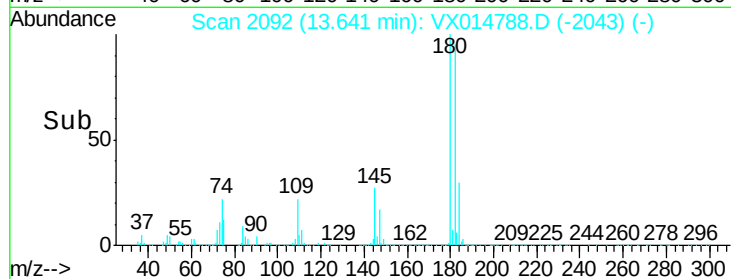
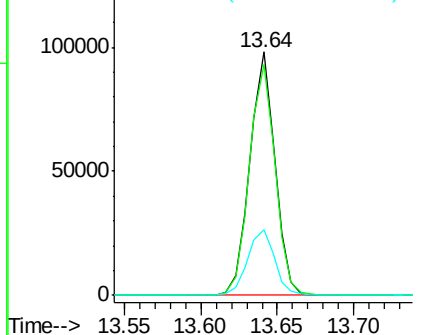
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 96.9  | 48.5       | 145.6 |
| 145     | 29.0  | 14.0       | 41.9  |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM

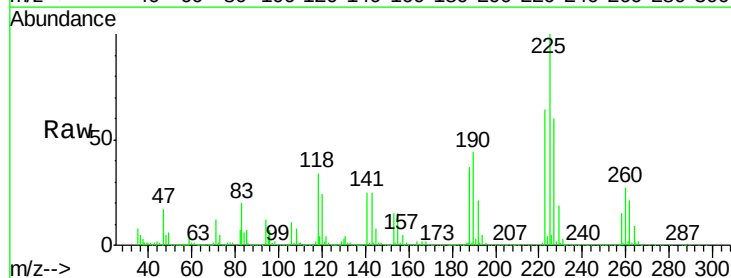


Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.80 (144.50 to 145.50): V

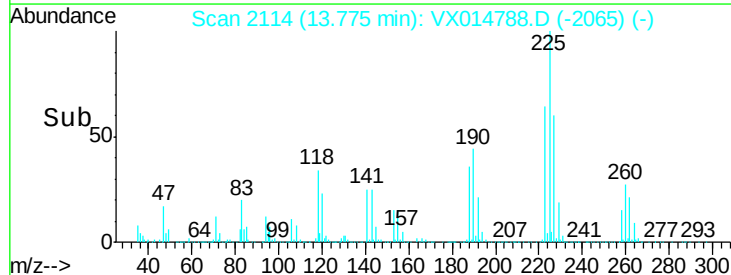
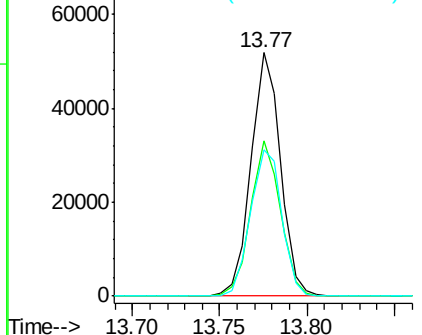


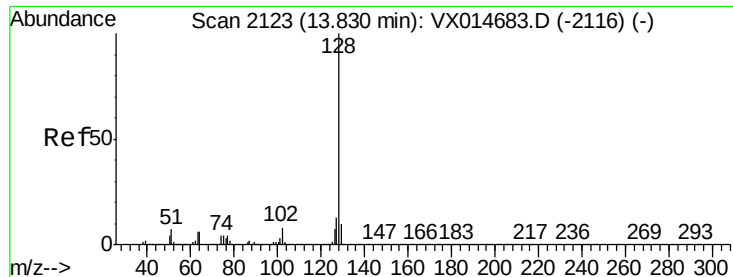
#94  
Hexachlorobutadiene  
Concen: 18.538 ug/l  
RT: 13.77 min Scan# 2114  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 225     | 100   |            |       |
| 223     | 64.4  | 30.6       | 91.8  |
| 227     | 63.9  | 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





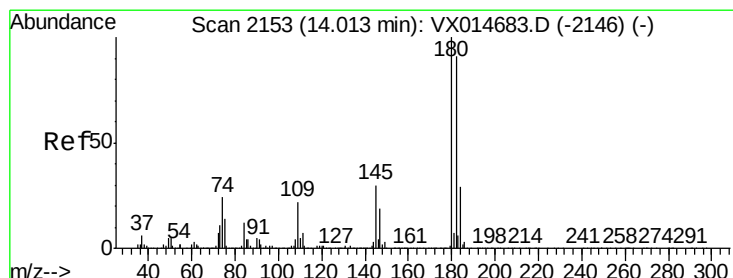
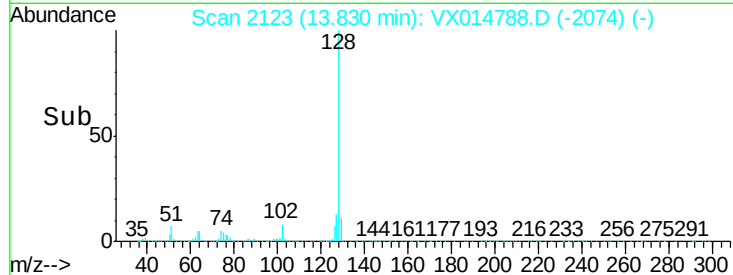
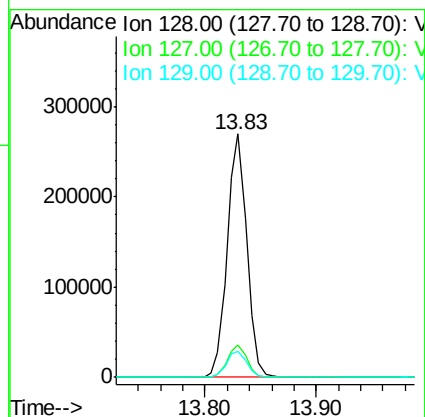
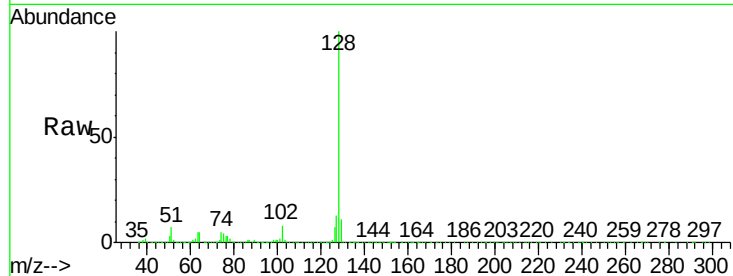
#95  
Naphthalene  
Concen: 16.608 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 328262 |       |       |
| 127     | 13.2  |        | 10.3  | 15.5  |
| 129     | 10.8  |        | 8.6   | 12.8  |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:02 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 18.190 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: VX014788.D  
Acq: 03 Feb 2020 11:08

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 117210 |       |       |
| 182     | 95.7  |        | 46.6  | 139.7 |
| 145     | 30.2  |        | 14.7  | 44.1  |

