

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013019\  
 Data File : VX007304.D  
 Acq On : 30 Jan 2019 10:32  
 Operator : JC/SP  
 Sample : VX0130WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0131WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 2/1/2019 10:44:20 AM

Quant Time: Jan 31 00:46:32 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 14:06:59 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 507549   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 732079   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 681820   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 365022   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 230141   | 43.39 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 86.78% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 209482   | 44.68 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.36% |      |
| 50) Toluene-d8            | 8.71   | 98  | 779961   | 45.45 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.90% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 294513   | 49.23 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.46% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 65936   | 15.820  | ug/l | 96     |
| 3) Chloromethane              | 1.33 | 50  | 77342   | 15.940  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.41 | 62  | 84216   | 16.135  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 87775   | 15.740  | ug/l | 92     |
| 6) Chloroethane               | 1.72 | 64  | 55732   | 15.292  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 144451  | 17.129  | ug/l | 96     |
| 8) Diethyl Ether              | 2.19 | 74  | 57373   | 17.100  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 86939   | 17.219  | ug/l | 97     |
| 10) Methyl Iodide             | 2.51 | 142 | 120423  | 17.682  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.06 | 59  | 112344  | 89.785  | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.38 | 96  | 77724   | 16.662  | ug/l | 96     |
| 13) Acrolein                  | 2.29 | 56  | 55801   | 105.212 | ug/l | 96     |
| 14) Allyl chloride            | 2.73 | 41  | 139959  | 17.507  | ug/l | 98     |
| 15) Acrylonitrile             | 3.15 | 53  | 258061  | 89.841  | ug/l | 98     |
| 16) Acetone                   | 2.45 | 43  | 234550  | 89.445  | ug/l | 97     |
| 17) Carbon Disulfide          | 2.57 | 76  | 153645  | 12.793  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 143574  | 18.906  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 288167  | 17.798  | ug/l | 96     |
| 20) Methylene Chloride        | 2.85 | 84  | 92672   | 18.221  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 83382   | 16.040  | ug/l | 98     |
| 22) Diisopropyl ether         | 3.87 | 45  | 269862  | 17.955  | ug/l | 96     |
| 23) Vinyl Acetate             | 3.82 | 43  | 1084438 | 85.559  | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 154153  | 18.343  | ug/l | 99     |
| 25) 2-Butanone                | 4.69 | 43  | 336391  | 89.654  | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 111554  | 17.262  | ug/l | 97     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 97603   | 17.022  | ug/l | 97     |
| 28) Bromochloromethane        | 5.02 | 49  | 62825   | 17.062  | ug/l | 97     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 210836  | 86.465  | ug/l | 97     |
| 30) Chloroform                | 5.21 | 83  | 160460  | 18.236  | ug/l | 99     |
| 31) Cyclohexane               | 5.57 | 56  | 120600  | 16.123  | ug/l | 95     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 130521  | 17.501  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 107887  | 16.951  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.85 | 43  | 123200  | 18.055  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 112593  | 17.582  | ug/l | 96     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013019\  
 Data File : VX007304.D  
 Acq On : 30 Jan 2019 10:32  
 Operator : JC/SP  
 Sample : VX0130WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0131WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 2/1/2019 10:44:20 AM

Quant Time: Jan 31 00:46:32 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 14:06:59 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 135198   | 16.662  | ug/l  | 98       |
| 40) Benzene                    | 6.14  | 78   | 339147   | 17.463  | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.05  | 41   | 69870    | 17.774  | ug/l  | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 120075   | 17.892  | ug/l  | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 195181   | 18.134  | ug/l  | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 101240   | 17.396  | ug/l  | 98       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 88229    | 18.070  | ug/l  | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 62687    | 18.268  | ug/l  | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 110489   | 18.917  | ug/l  | 95       |
| 48) Methyl methacrylate        | 7.77  | 41   | 98554    | 17.830  | ug/l  | 98       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 47582    | 371.556 | ug/l  | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 675923   | 97.716  | ug/l  | 99       |
| 52) Toluene                    | 8.78  | 92   | 227767   | 18.247  | ug/l  | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 118652   | 18.320  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 130194   | 18.203  | ug/l  | 96       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 99631    | 19.941  | ug/l  | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 138814   | 19.031  | ug/l  | 96       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 155610   | 19.011  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 342096   | 91.220  | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 518030   | 98.273  | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 93120    | 19.194  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 103165   | 18.756  | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 112424   | 19.045  | ug/l  | 98       |
| 65) Chlorobenzene              | 10.13 | 112  | 272430   | 18.320  | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 93595    | 18.709  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 440894   | 17.959  | ug/l  | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 348873   | 36.069  | ug/l  | 100      |
| 69) o-Xylene                   | 10.69 | 106  | 171786   | 18.211  | ug/l  | 98       |
| 70) Styrene                    | 10.71 | 104  | 279644   | 18.718  | ug/l  | 99       |
| 71) Bromoform                  | 10.85 | 173  | 69960    | 18.881  | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 467730   | 18.172  | ug/l  | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 182345   | 17.596  | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 143720   | 17.588  | ug/l  | 97       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 140512m  | 18.996  | ug/l  |          |
| 77) Bromobenzene               | 11.26 | 156  | 125554   | 17.703  | ug/l  | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 524487   | 18.562  | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 306698   | 18.031  | ug/l  | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 379536   | 17.647  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 36381    | 17.502  | ug/l  | 91       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 357403   | 18.148  | ug/l  | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 375879   | 17.517  | ug/l  | 97       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 392053   | 18.128  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 476998   | 18.613  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 425400   | 18.558  | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 230549   | 17.985  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 235274   | 19.460  | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 361173   | 18.483  | ug/l  | 98       |
| 90) Hexachloroethane           | 12.60 | 117  | 62446    | 18.980  | ug/l  | 98       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 229800   | 18.166  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 29330    | 18.149  | ug/l  | 96       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\  
Data File : VX007304.D  
Acq On : 30 Jan 2019 10:32  
Operator : JC/SP  
Sample : VX0130WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS01

Manual Integrations  
APPROVED

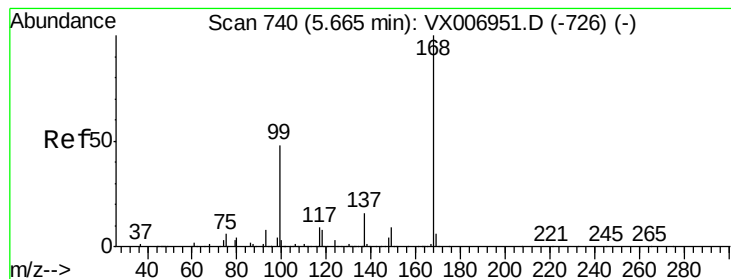
MMDadoda  
2/1/2019 10:44:20 AM

Quant Time: Jan 31 00:46:32 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 08 14:06:59 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 161313   | 18.586 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 76197    | 19.784 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 473637   | 18.009 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 160082   | 18.567 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampled :

VX0131WBS01

Tot Ion:168 Resp: 507549

Ion Ratio Lower Upper

168 100

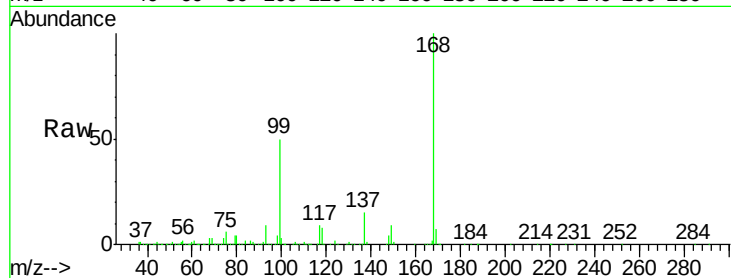
99 49.8 41.8 62.8

Manual Integrations

APPROVED

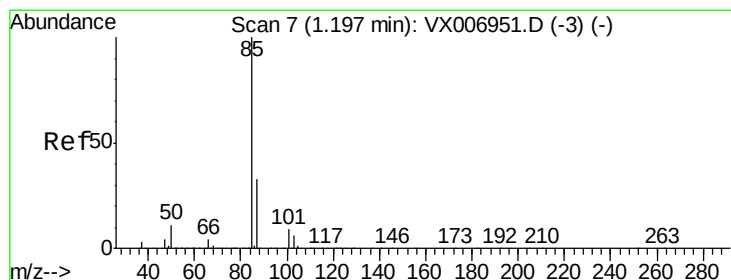
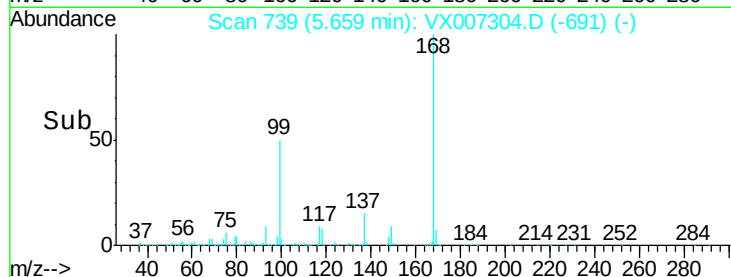
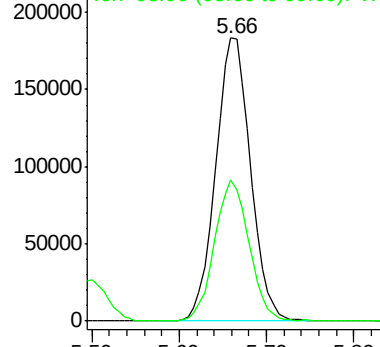
MMDadoda

2/1/2019 10:44:20 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.820 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007304.D

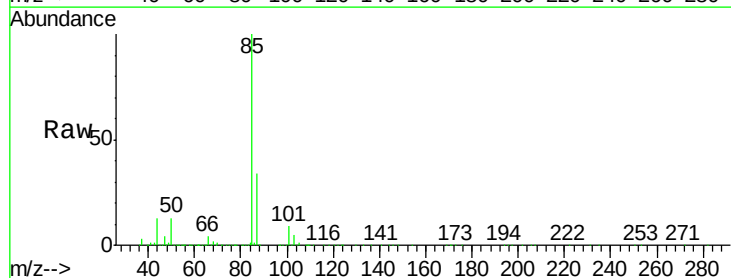
Acq: 30 Jan 2019 10:32

Tgt Ion: 85 Resp: 65936

Ion Ratio Lower Upper

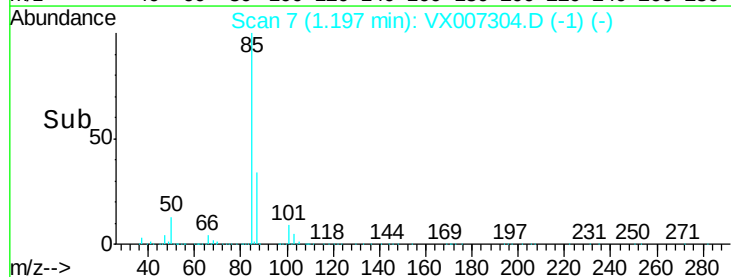
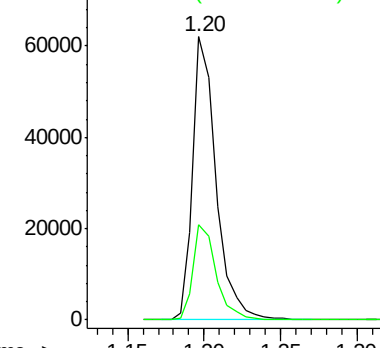
85 100

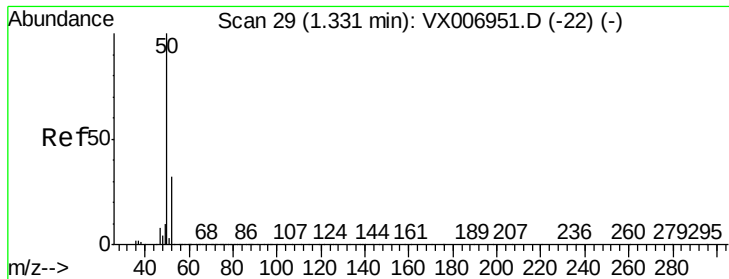
87 33.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.940 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS01

Tot Ion: 50 Resp: 77342

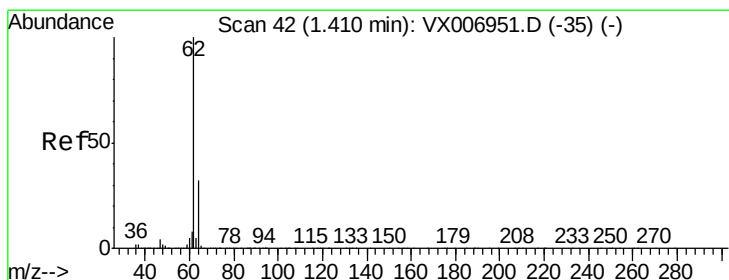
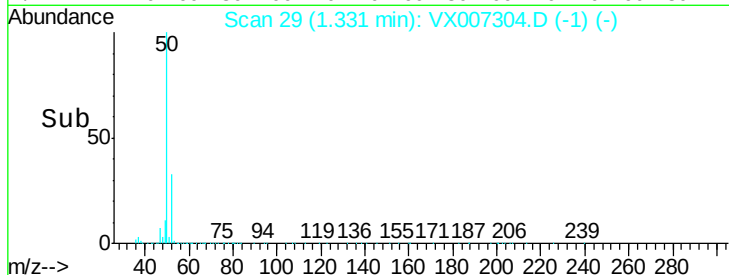
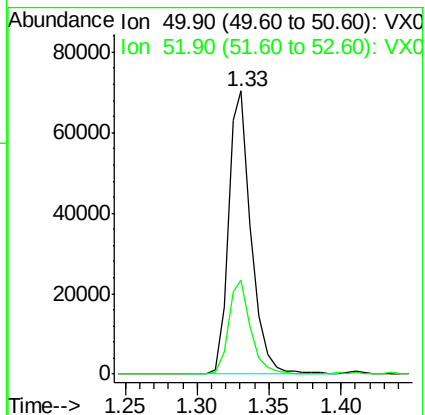
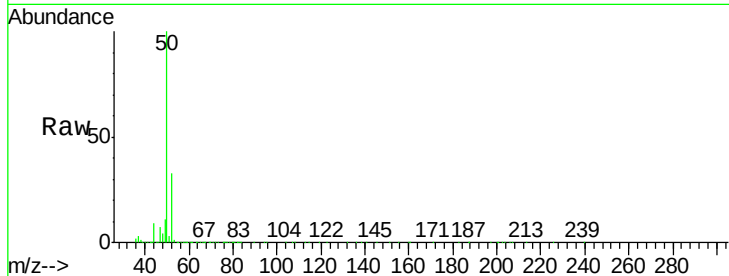
Ion Ratio Lower Upper

50 100

52 33.2 25.4 38.2

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#4

Vinyl Chloride

Concen: 16.135 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007304.D

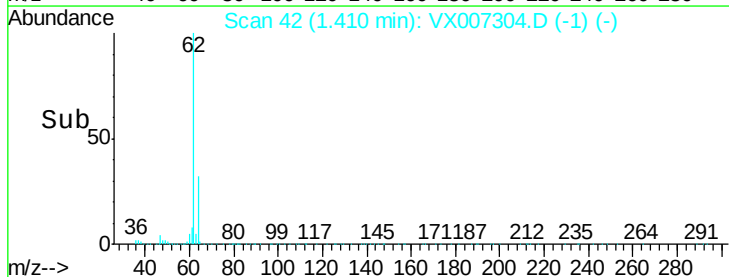
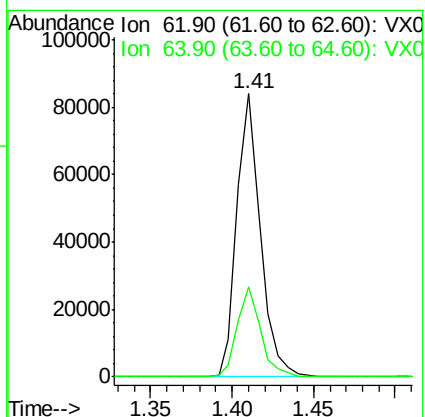
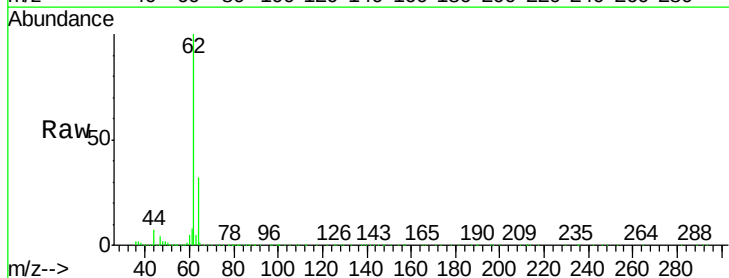
Acq: 30 Jan 2019 10:32

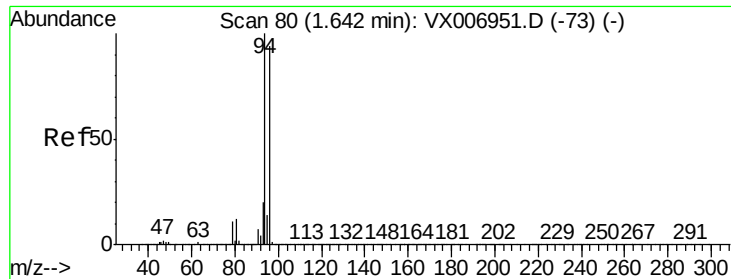
Tgt Ion: 62 Resp: 84216

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 15.740 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampled :

VX0131WBS01

Tot Ion: 94 Resp: 87775

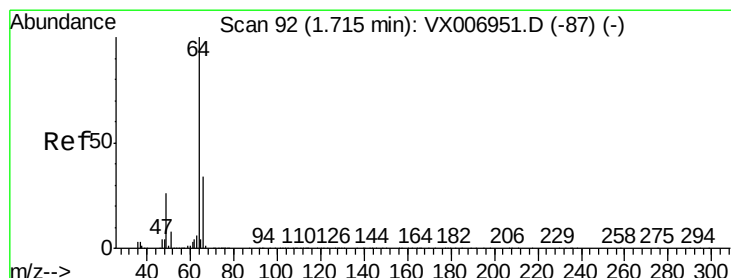
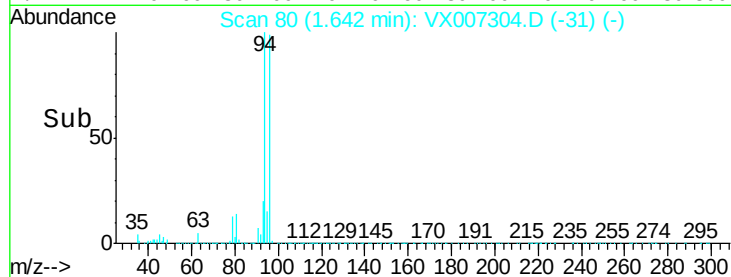
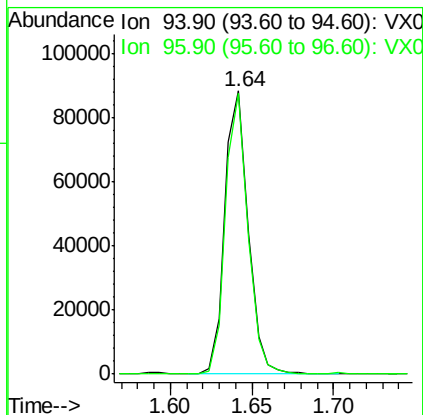
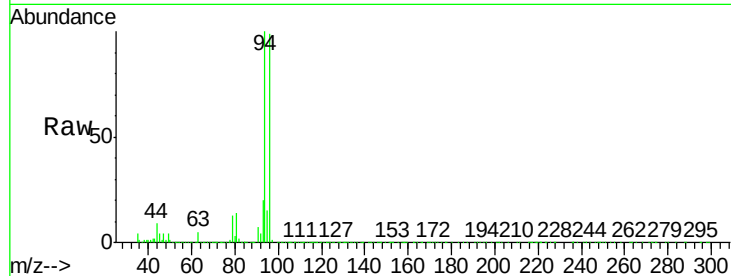
Ion Ratio Lower Upper

94 100

96 99.1 73.4 110.2

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#6

Chloroethane

Concen: 15.292 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007304.D

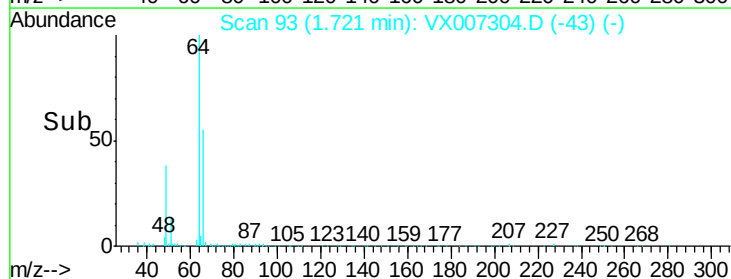
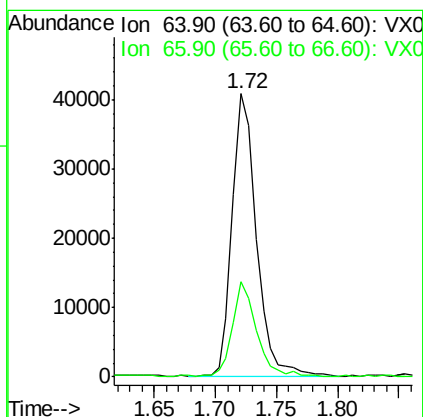
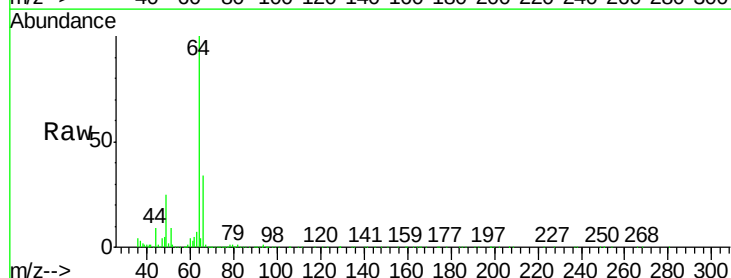
Acq: 30 Jan 2019 10:32

Tgt Ion: 64 Resp: 55732

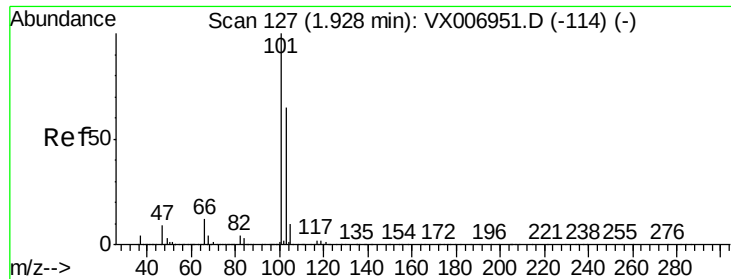
Ion Ratio Lower Upper

64 100

66 33.5 26.4 39.6







#7

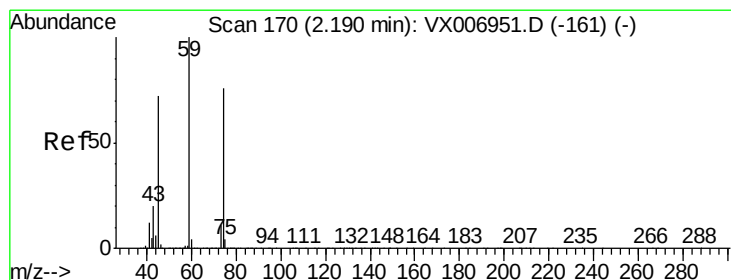
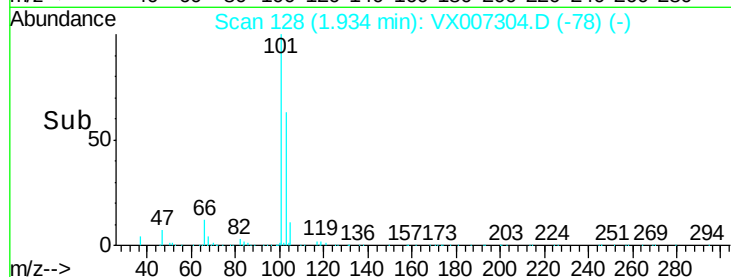
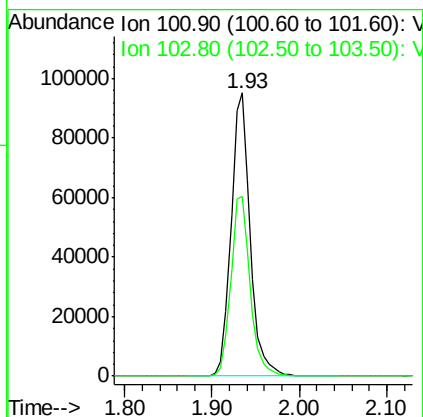
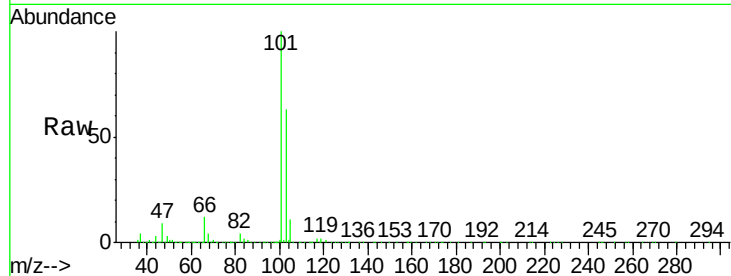
Trichlorofluoromethane  
Concen: 17.129 ug/l  
RT: 1.93 min Scan# 128  
Delta R.T. 0.01 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0131WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.3  | 53.2  | 79.8  |

Manual Integrations  
APPROVED

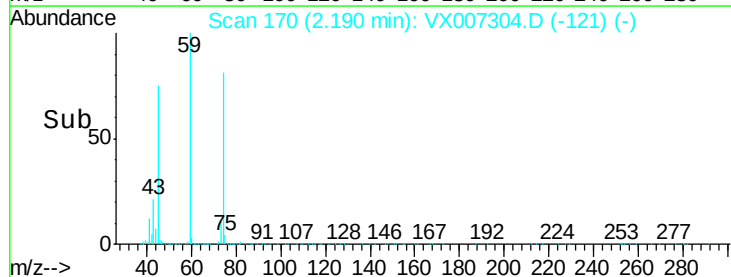
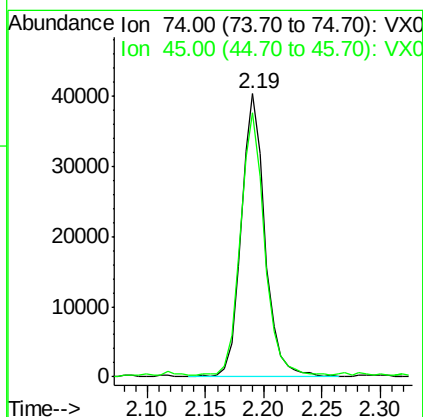
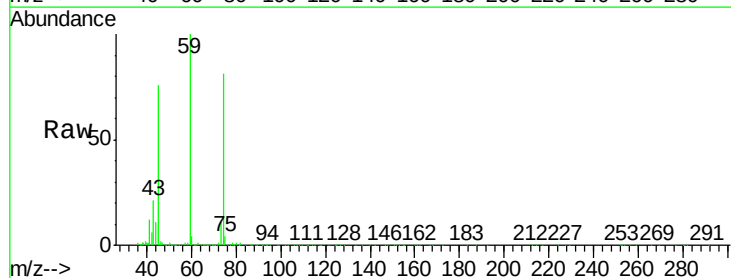
MMDadoda  
2/1/2019 10:44:20 AM



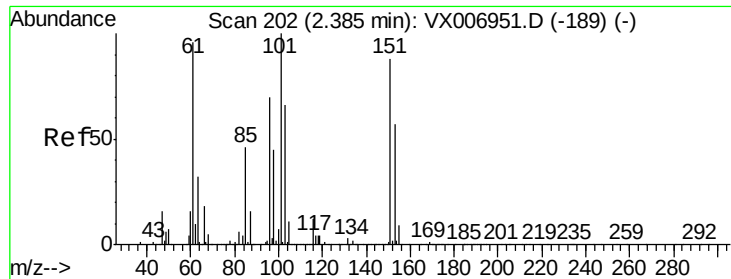
#8

Diethyl Ether  
Concen: 17.100 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 94.6  | 46.3  | 138.9 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.219 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

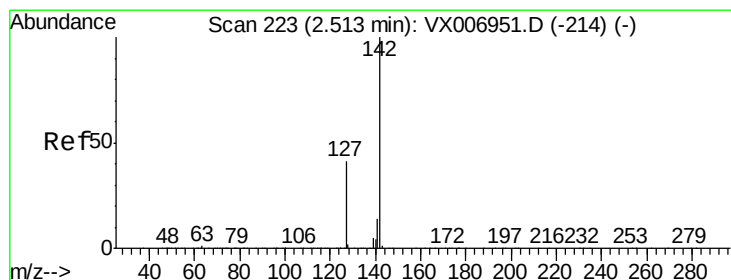
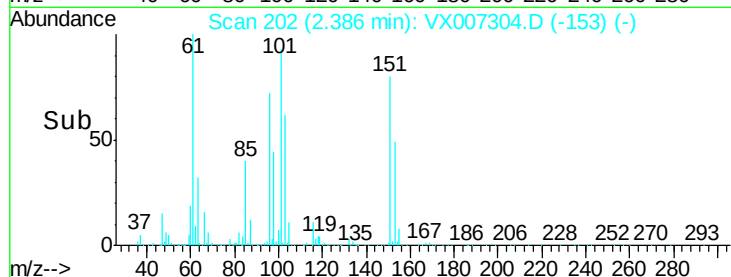
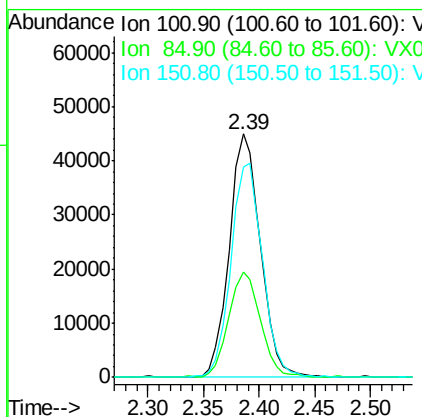
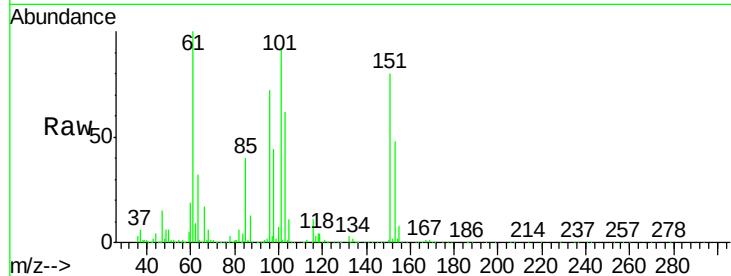
ClientSampled :

VX0131WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 86939 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.6  | 35.1  | 52.7  |
| 151       | 89.5  | 68.9  | 103.3 |

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#10

Methyl Iodide

Concen: 17.682 ug/l

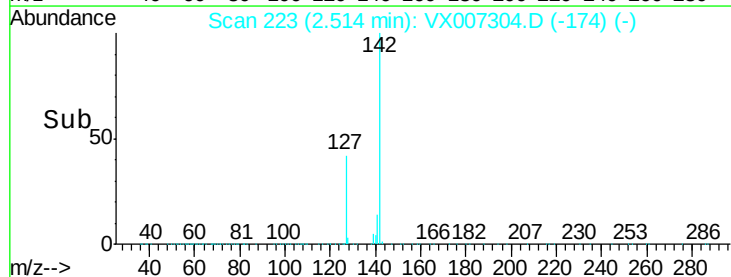
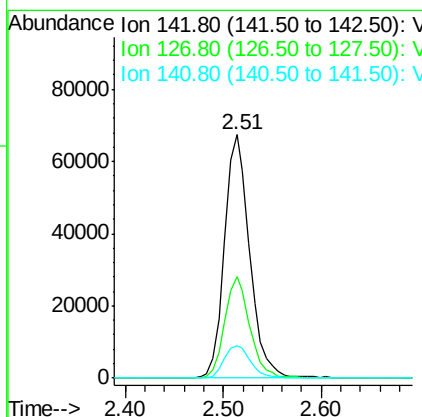
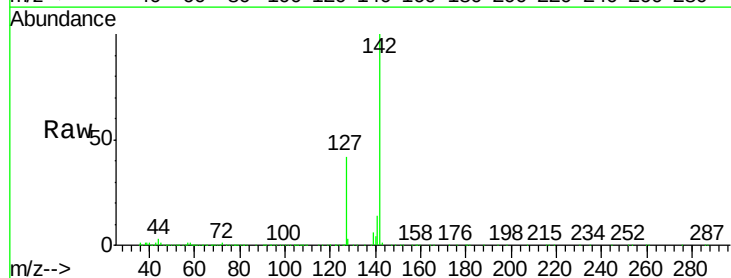
RT: 2.51 min Scan# 223

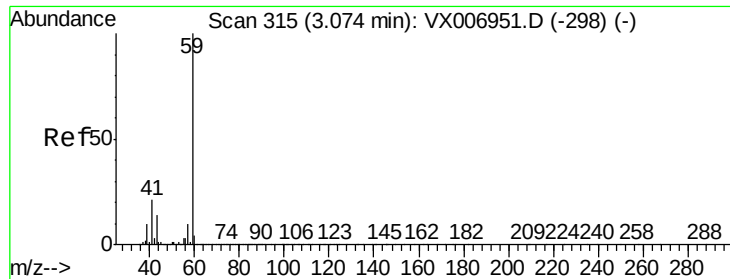
Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 120423 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 41.6  | 33.9  | 50.9   |
| 141       | 14.2  | 11.4  | 17.0   |





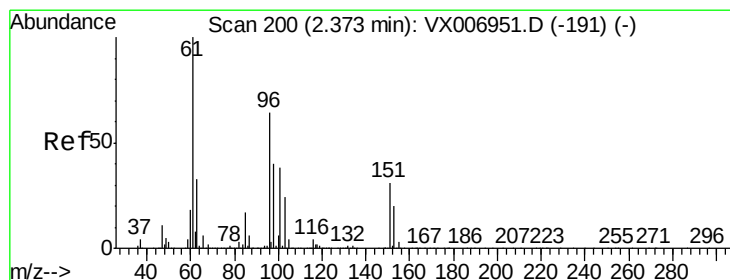
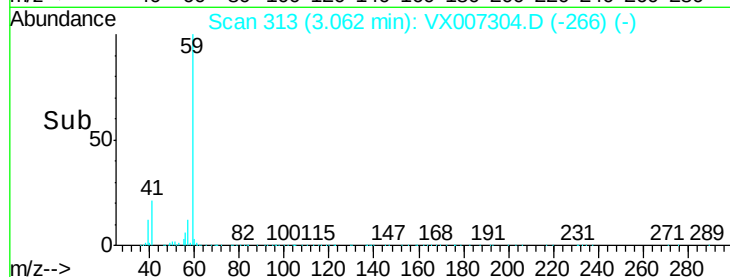
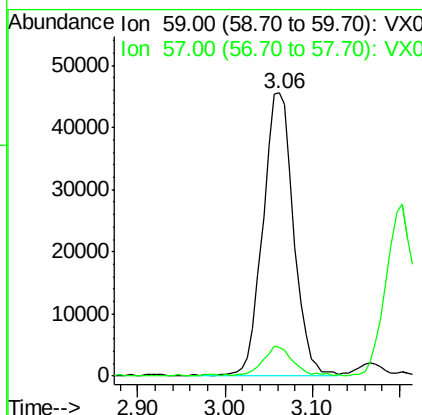
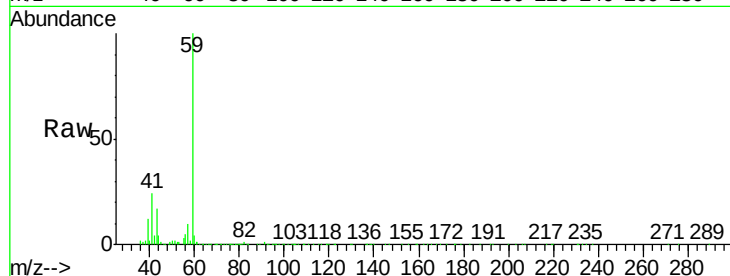
#11  
Tert butyl alcohol  
Concen: 89.785 ug/l  
RT: 3.06 min Scan# 313  
Delta R.T. -0.01 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0131WBS01

Tot Ion: 59 Resp: 112344  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.5 12.7

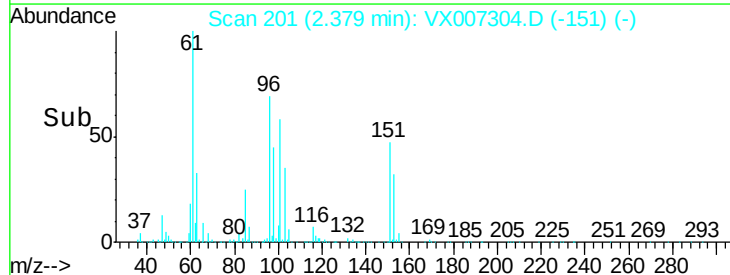
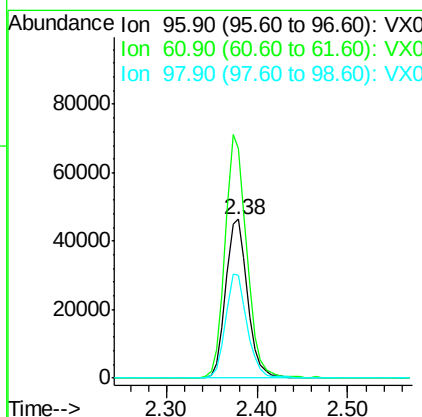
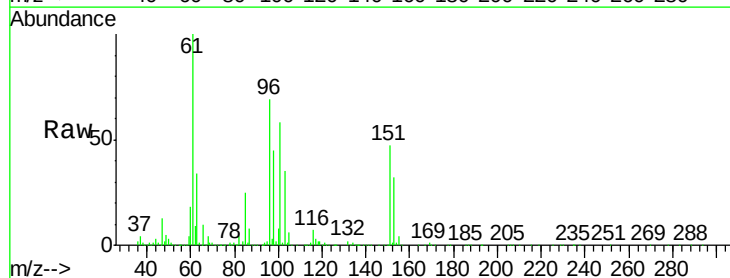
Manual Integrations  
APPROVED

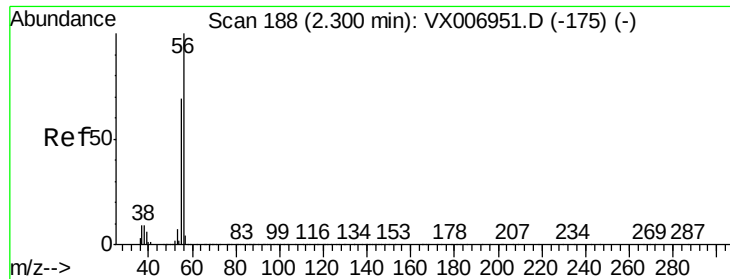
MMDadoda  
2/1/2019 10:44:20 AM



#12  
1,1-Dichloroethene  
Concen: 16.662 ug/l  
RT: 2.38 min Scan# 201  
Delta R.T. 0.01 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Tgt Ion: 96 Resp: 77724  
Ion Ratio Lower Upper  
96 100  
61 144.6 121.4 182.2  
98 64.8 51.9 77.9





#13

Acrolein

Concen: 105.212 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS01

Tot Ion: 56 Resp: 55801

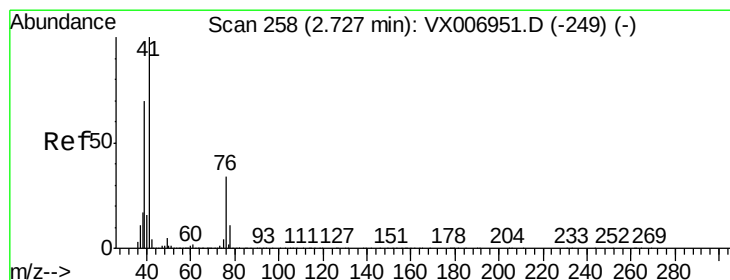
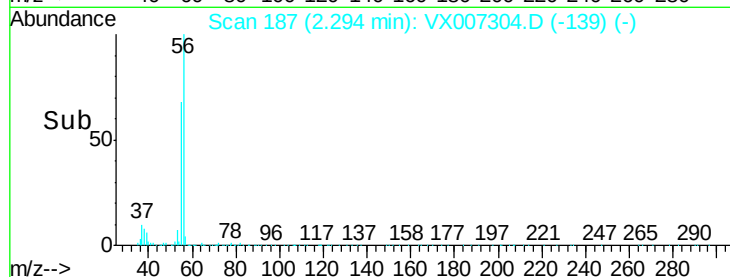
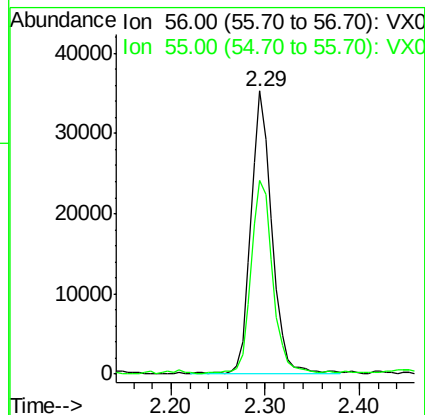
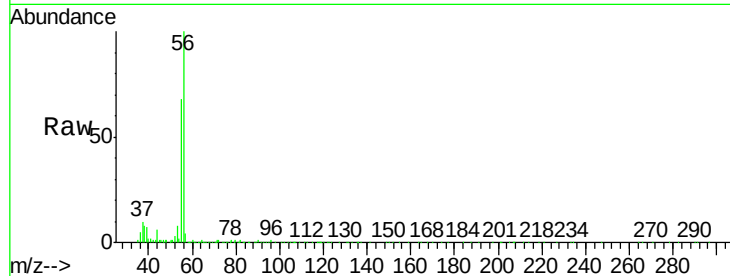
Ion Ratio Lower Upper

56 100

55 69.3 58.2 87.4

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#14

Allyl chloride

Concen: 17.507 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

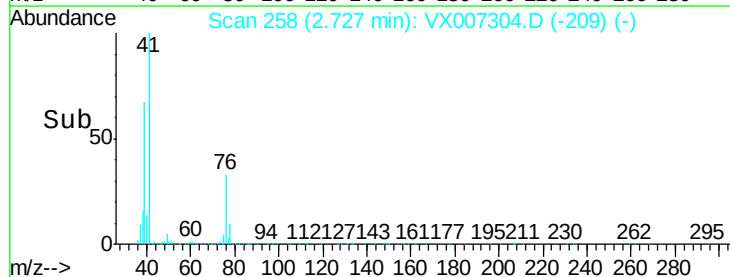
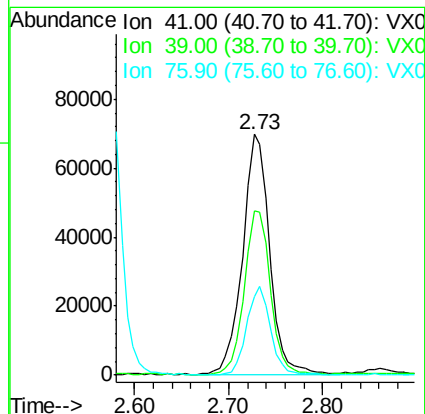
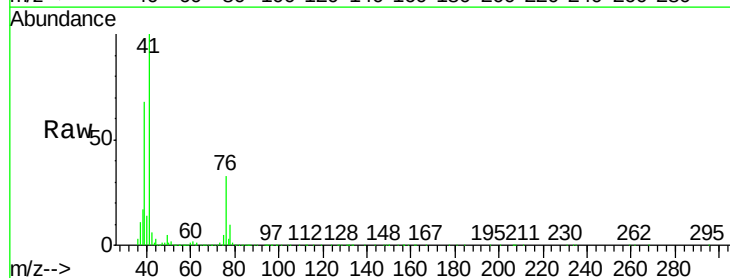
Tgt Ion: 41 Resp: 139959

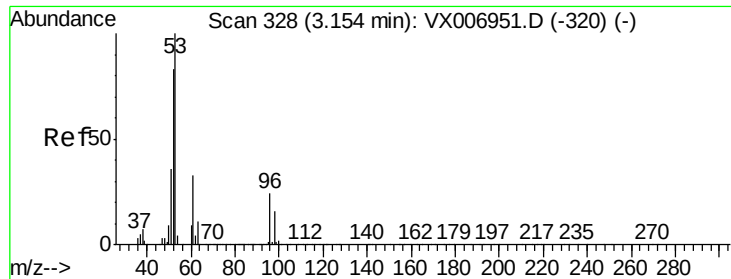
Ion Ratio Lower Upper

41 100

39 66.0 53.6 80.4

76 32.4 27.4 41.2





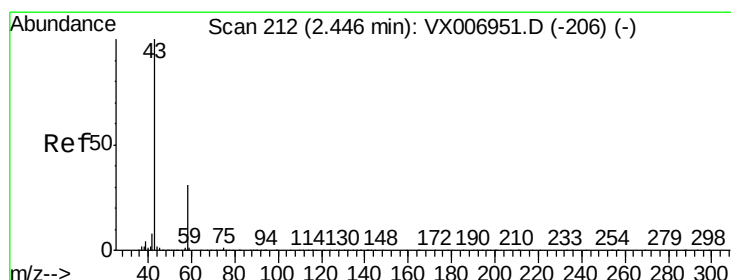
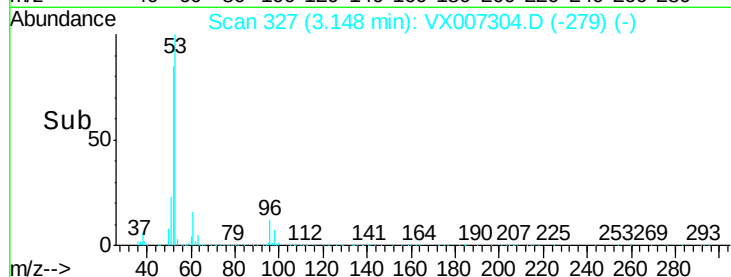
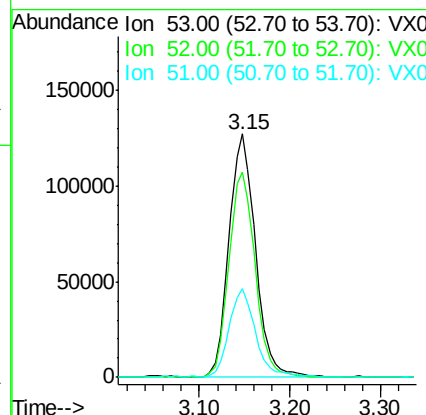
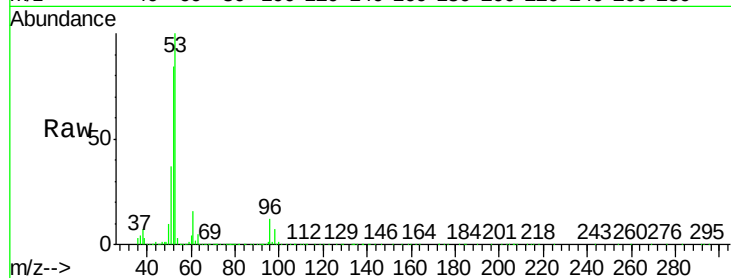
#15  
Acrylonitrile  
Concen: 89.841 ug/l  
RT: 3.15 min Scan# 327  
Delta R.T. -0.01 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0131WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 84.2  | 66.0  | 99.0  |
| 51      | 36.4  | 28.6  | 42.8  |

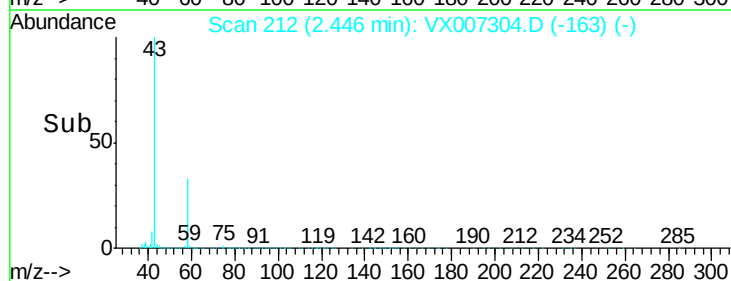
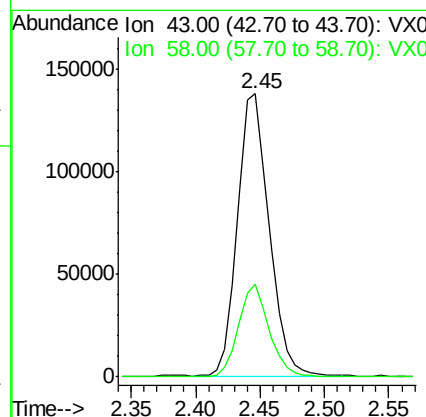
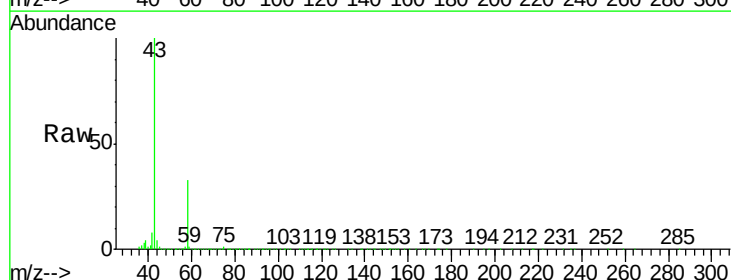
Manual Integrations  
APPROVED

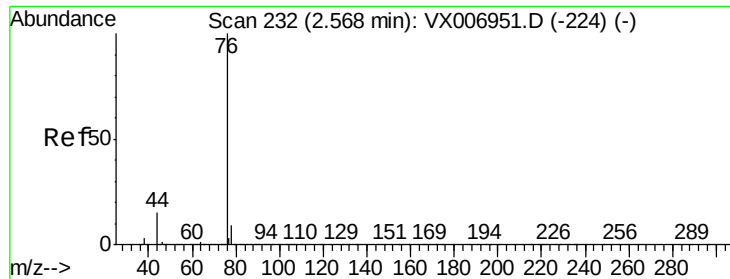
MMDadoda  
2/1/2019 10:44:20 AM



#16  
Acetone  
Concen: 89.445 ug/l  
RT: 2.45 min Scan# 212  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 33.0  | 25.0  | 37.6  |





#17

Carbon Disulfide

Concen: 12.793 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampled :

VX0131WBS01

Tot Ion: 76 Resp: 153645

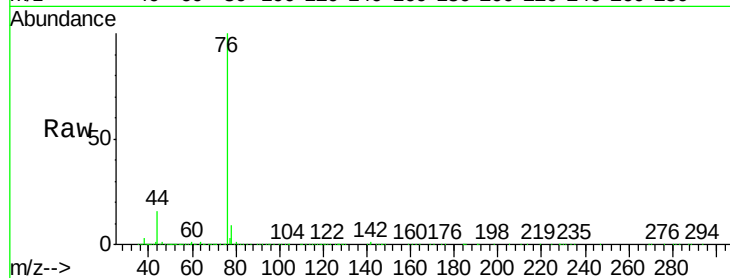
Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.6

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

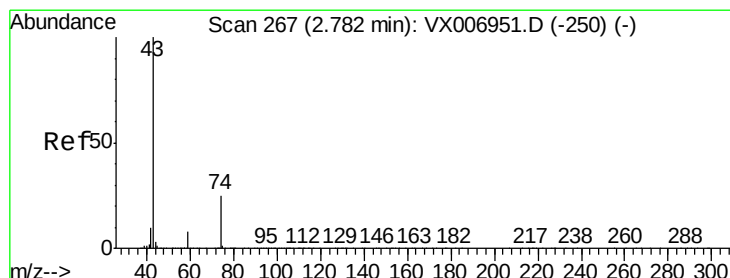
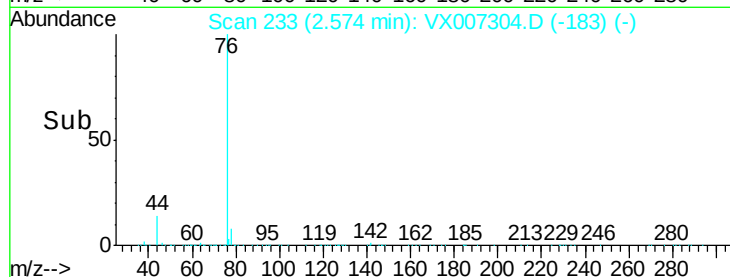
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 18.906 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007304.D

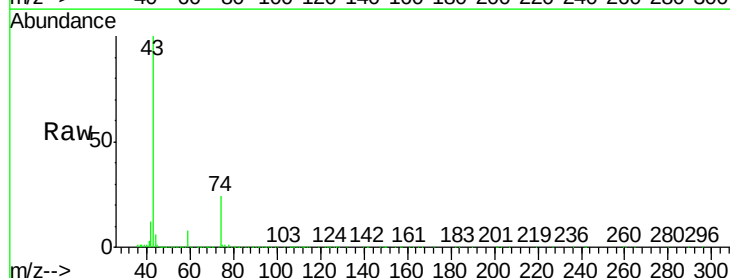
Acq: 30 Jan 2019 10:32

Tgt Ion: 43 Resp: 143574

Ion Ratio Lower Upper

43 100

74 24.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

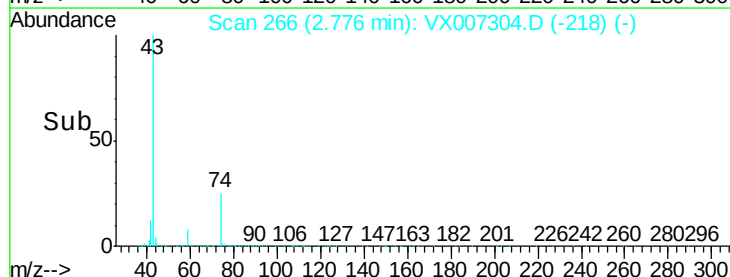
60000

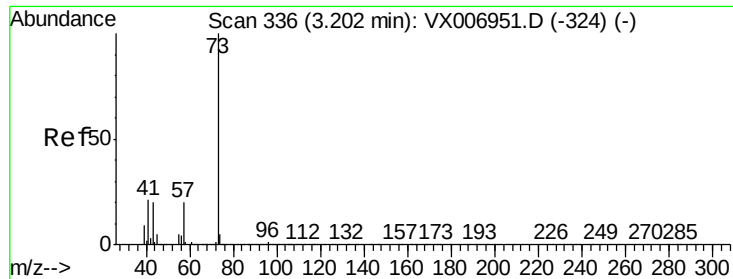
40000

20000

0

Time-->





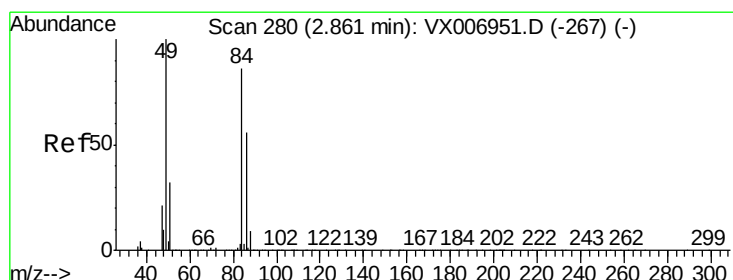
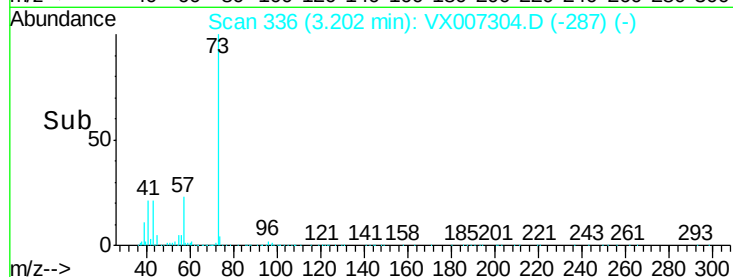
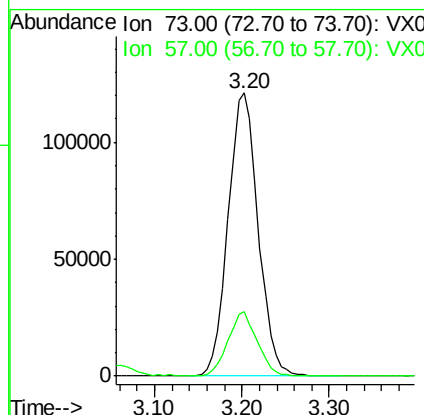
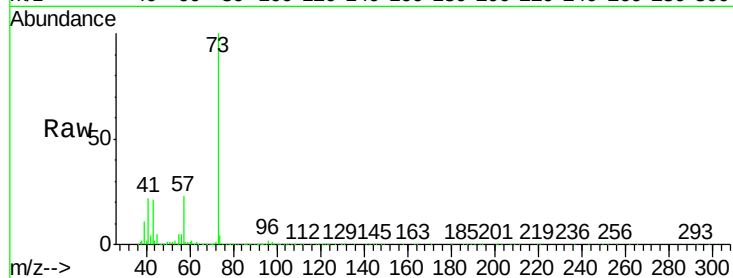
#19  
Methyl tert-butyl Ether  
Concen: 17.798 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0131WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.8  | 16.8  | 25.2  |

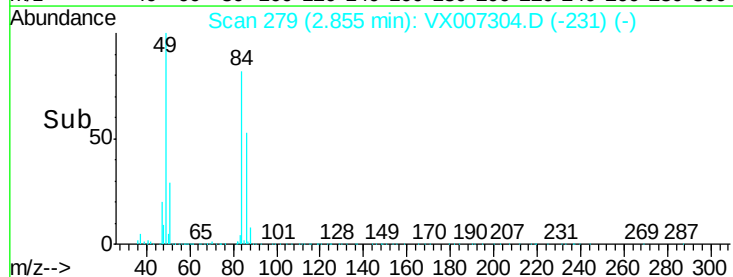
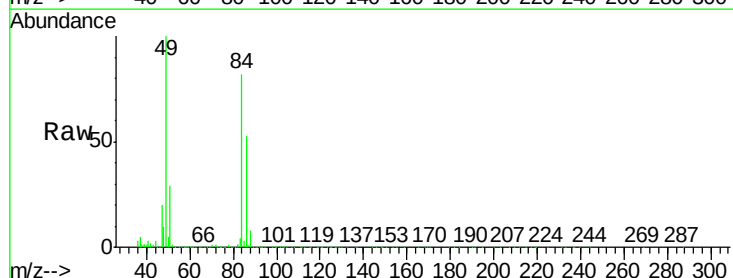
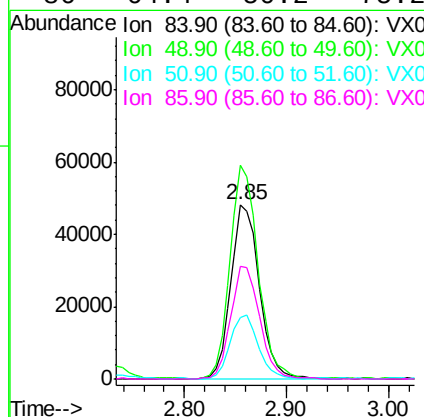
Manual Integrations  
APPROVED

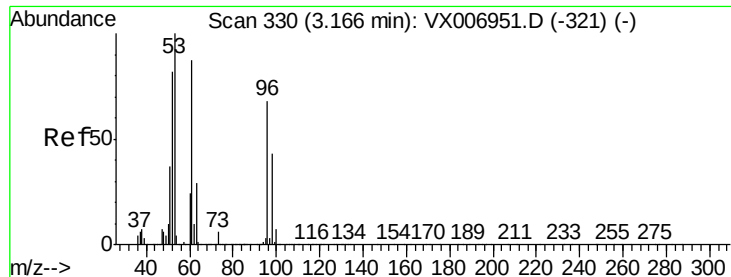
MMDadoda  
2/1/2019 10:44:20 AM



#20  
Methylene Chloride  
Concen: 18.221 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.01 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 122.2 | 91.8  | 137.6 |
| 51      | 34.7  | 28.5  | 42.7  |
| 86      | 64.4  | 50.2  | 75.2  |





#21

trans-1,2-Dichloroethene

Concen: 16.040 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

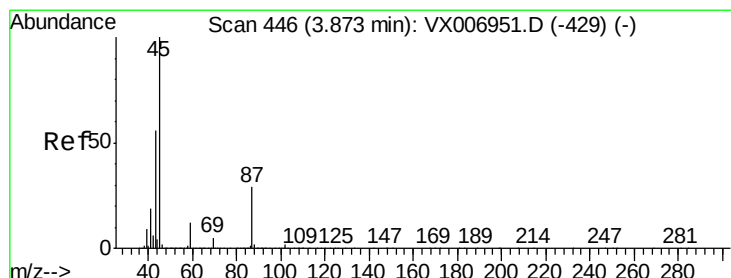
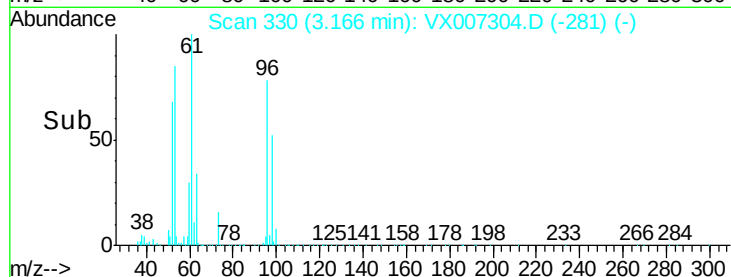
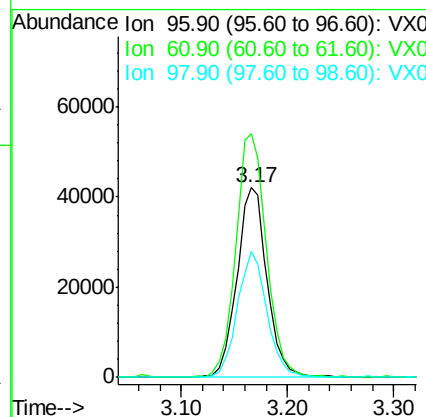
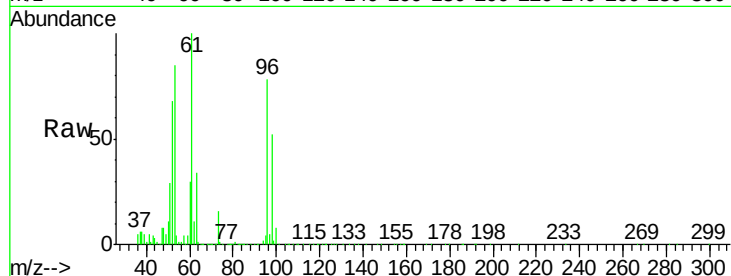
ClientSampleId :

VX0131WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 83382 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 128.2 | 103.7 | 155.5 |
| 98       | 66.5  | 51.0  | 76.6  |

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#22

Diisopropyl ether

Concen: 17.955 ug/l

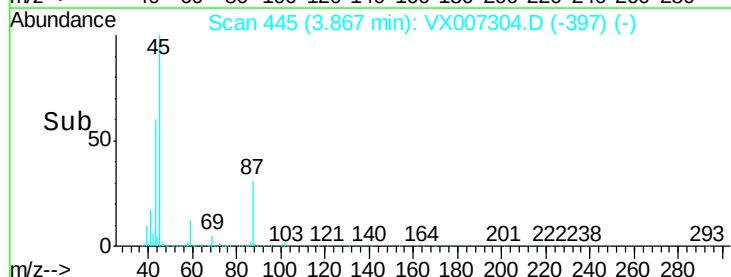
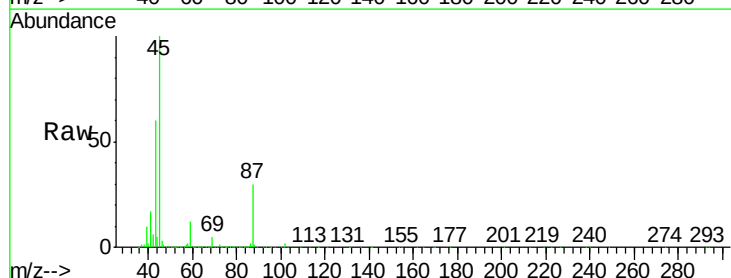
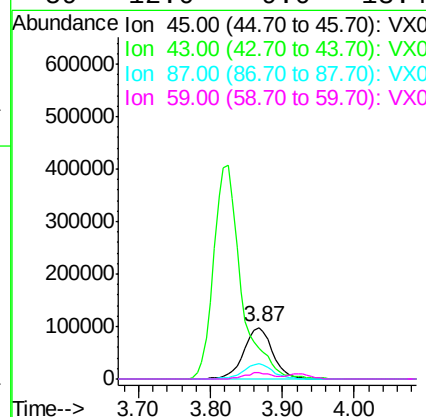
RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

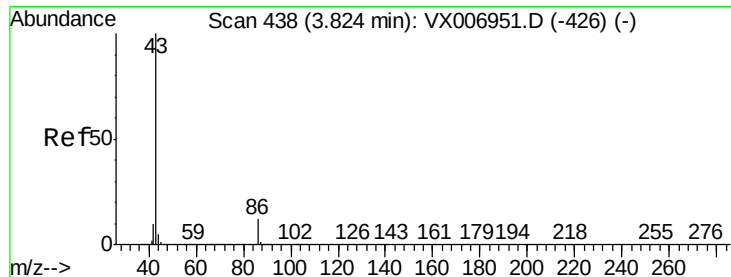
Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 269862 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 59.9  | 51.2  | 76.8   |
| 87       | 30.4  | 25.8  | 38.6   |
| 59       | 12.0  | 9.0   | 13.4   |







#23

Vinyl Acetate

Concen: 85.559 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampled :

VX0131WBS01

Tot Ion: 43 Resp: 1084438

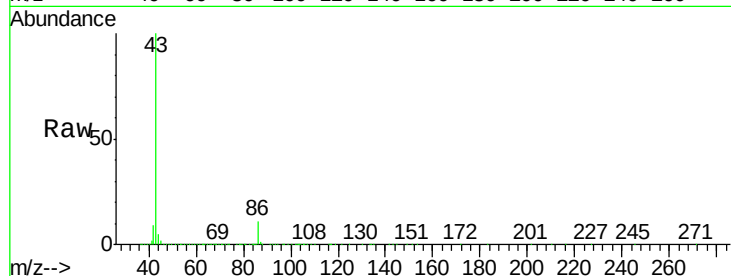
Ion Ratio Lower Upper

43 100

86 11.0 9.2 13.8

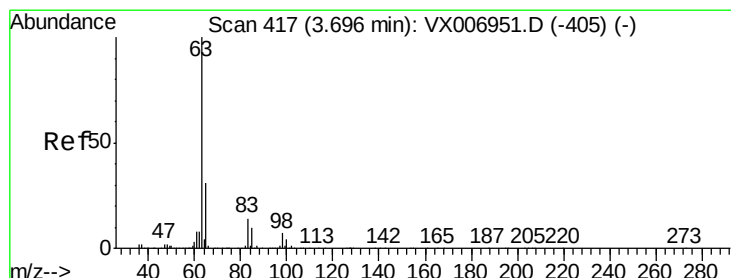
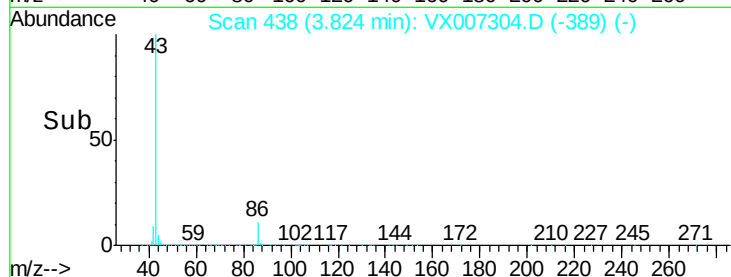
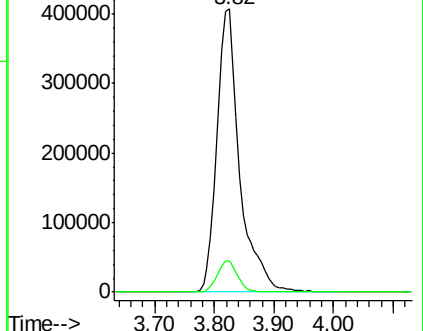
Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.343 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

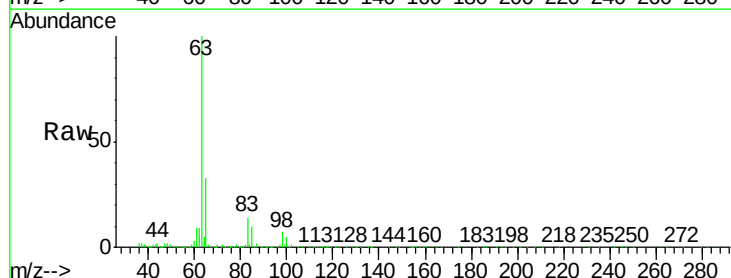
Tgt Ion: 63 Resp: 154153

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

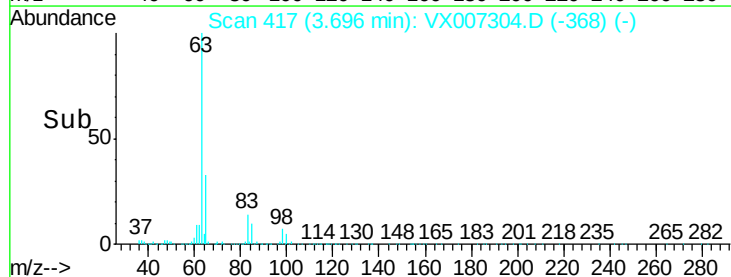
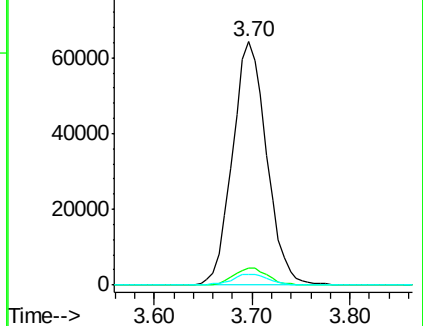
100 4.5 2.4 7.2

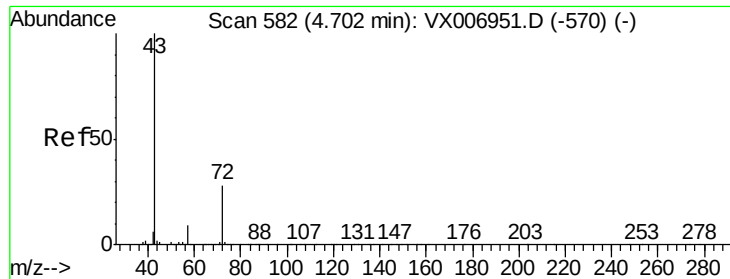


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 89.654 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS01

Tot Ion: 43 Resp: 336391

Ion Ratio Lower Upper

43 100

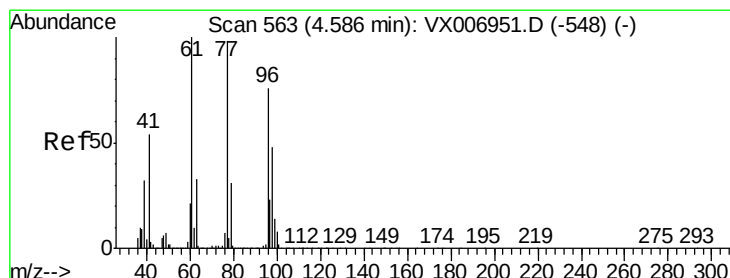
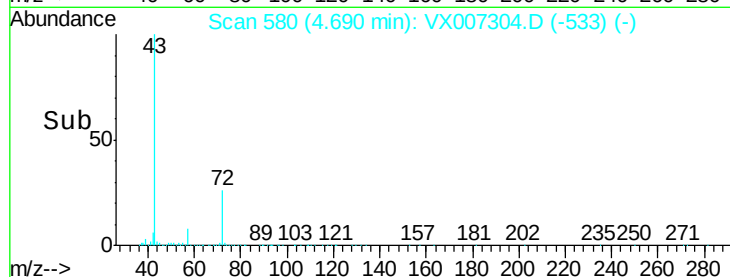
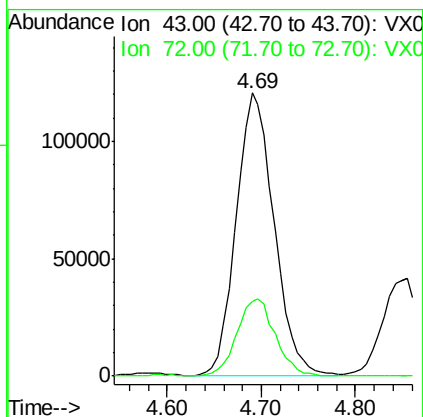
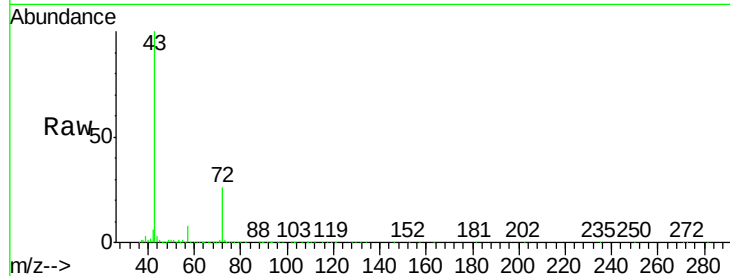
72 26.2 22.4 33.6

Manual Integrations

APPROVED

MMDadoda

2/1/2019 10:44:20 AM



#26

2,2-Dichloropropane

Concen: 17.262 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007304.D

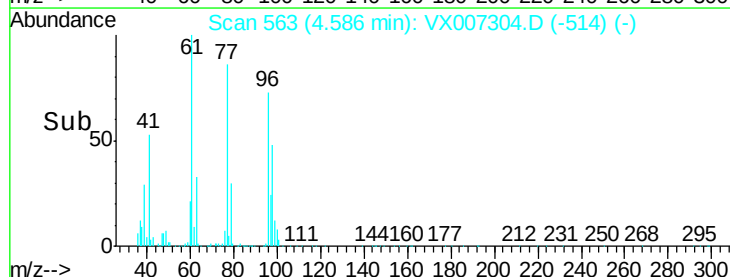
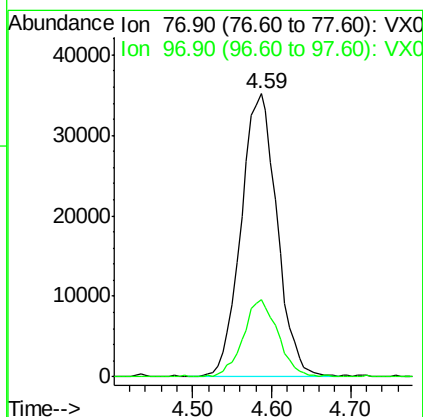
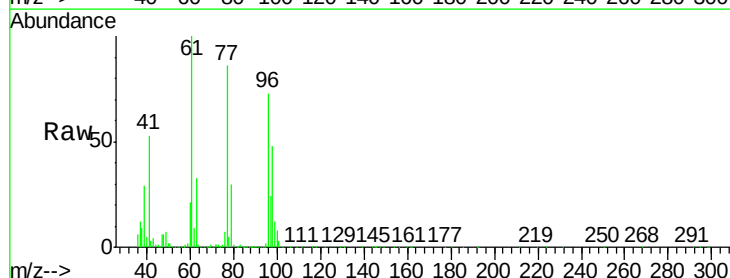
Acq: 30 Jan 2019 10:32

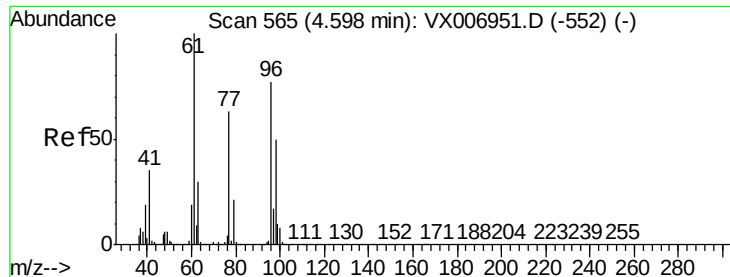
Tgt Ion: 77 Resp: 111554

Ion Ratio Lower Upper

77 100

97 26.5 12.4 37.4





#27

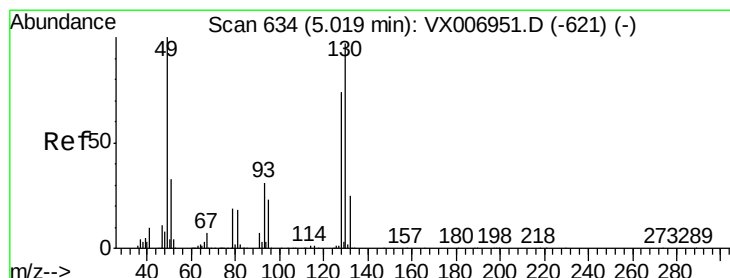
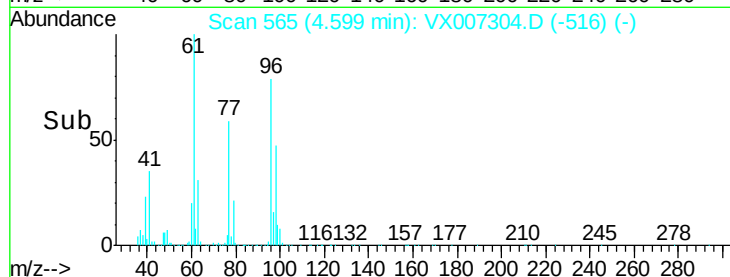
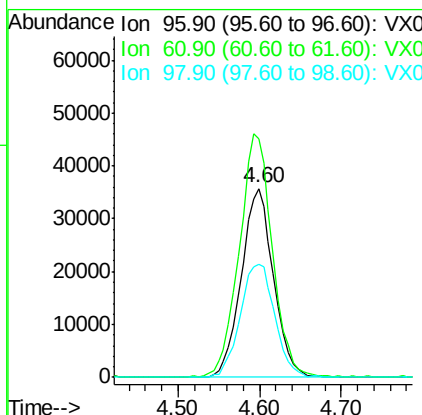
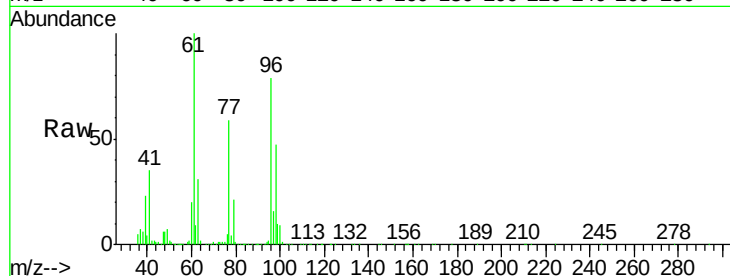
cis-1,2-Dichloroethene  
Concen: 17.022 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 133.2 | 0.0   | 258.6 |
| 98      | 64.4  | 0.0   | 132.0 |

Manual Integrations  
APPROVED

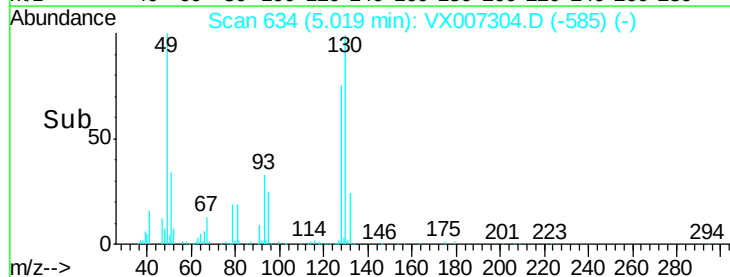
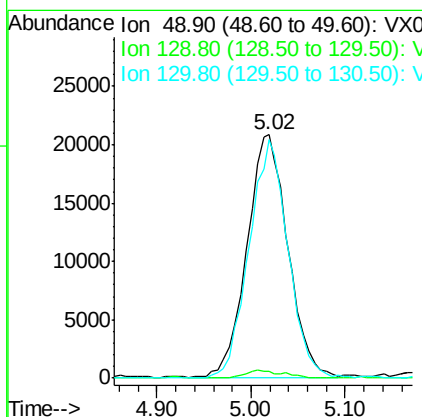
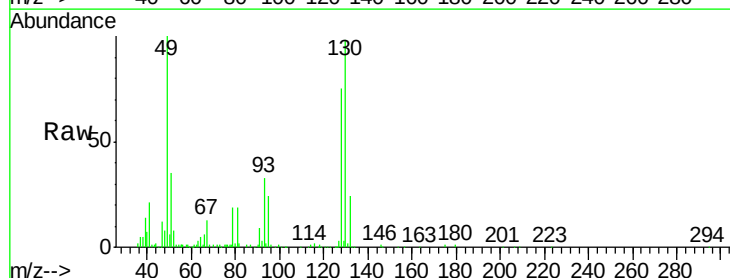
MMDadoda  
2/1/2019 10:44:20 AM

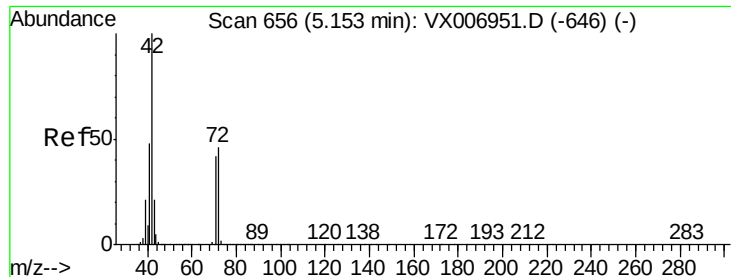


#28

Bromochloromethane  
Concen: 17.062 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 3.0   | 0.0   | 5.4   |
| 130     | 94.2  | 77.7  | 116.5 |





#29

Tetrahydrofuran

Concen: 86.465 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

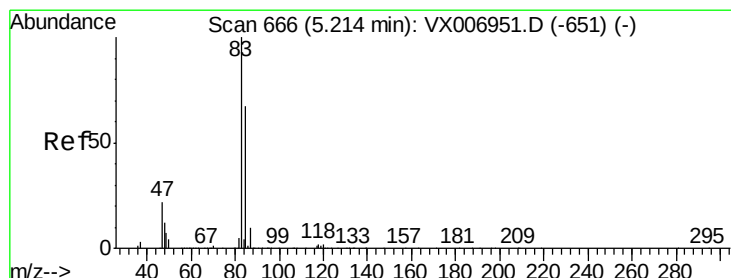
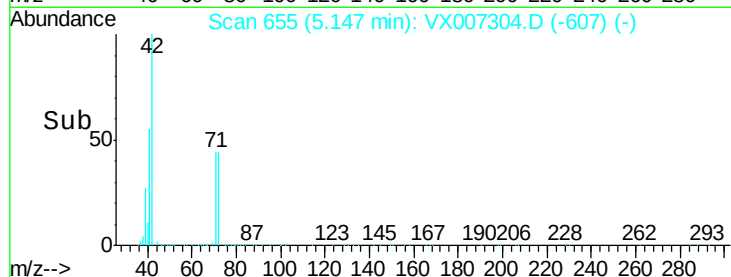
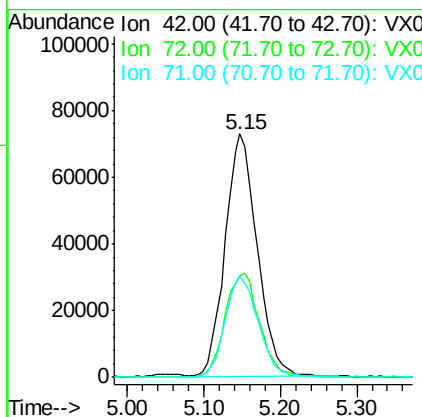
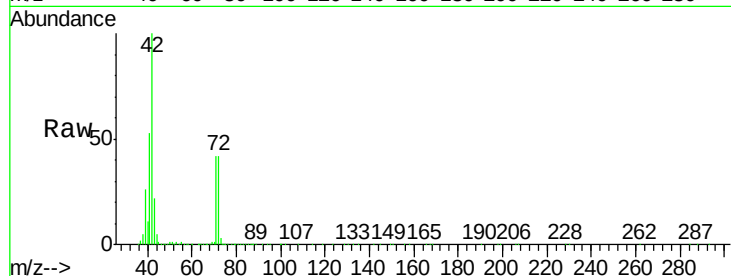
ClientSampled :

VX0131WBS01

| Tot Ion   | 42    | Resp  | 210836 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 72        | 46.5  | 38.9  | 58.3   |
| 71        | 43.1  | 36.2  | 54.4   |

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#30

Chloroform

Concen: 18.236 ug/l

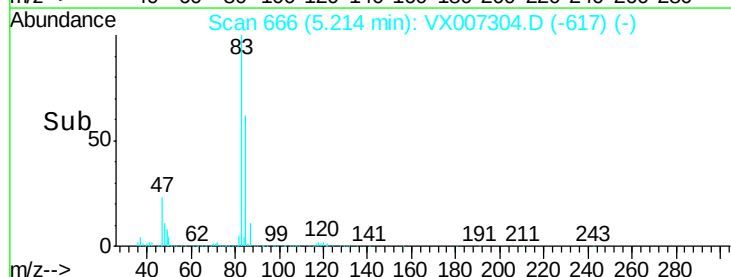
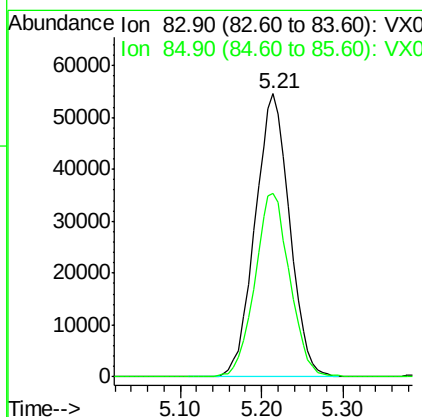
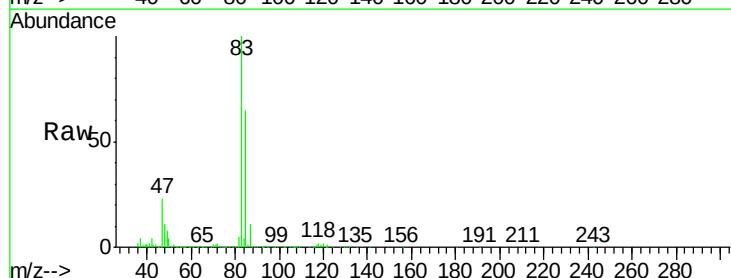
RT: 5.21 min Scan# 666

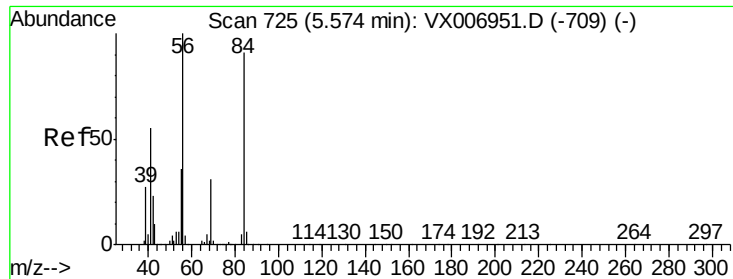
Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

| Tgt Ion   | 83    | Resp  | 160460 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.5  | 51.2  | 76.8   |





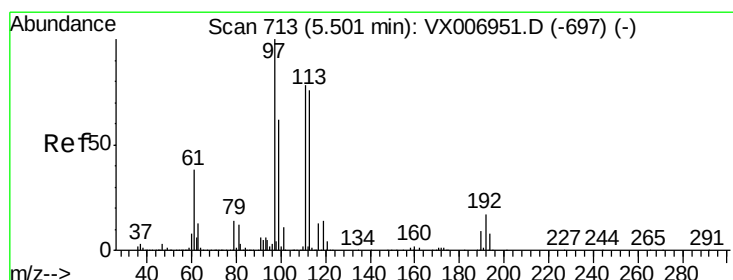
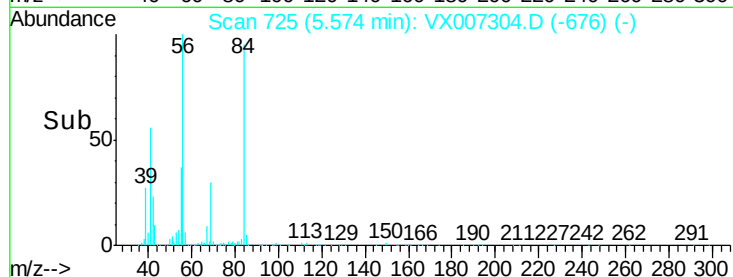
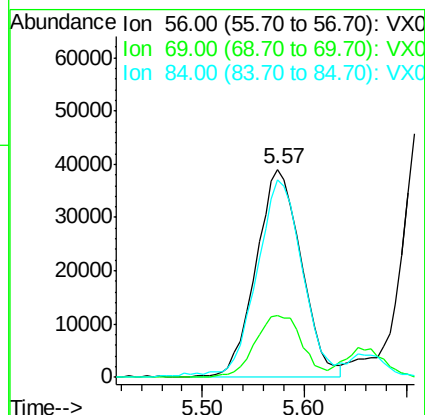
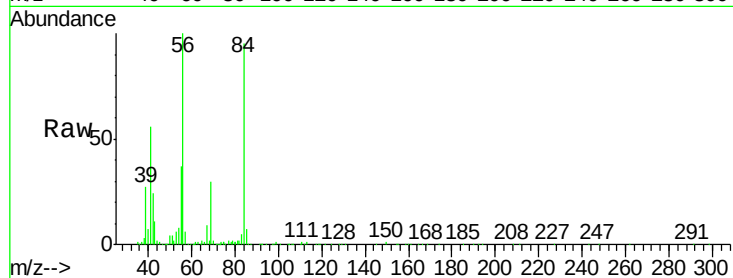
#31  
Cyclohexane  
Concen: 16.123 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 29.8  | 24.4  | 36.6  |
| 84      | 93.1  | 70.0  | 105.0 |

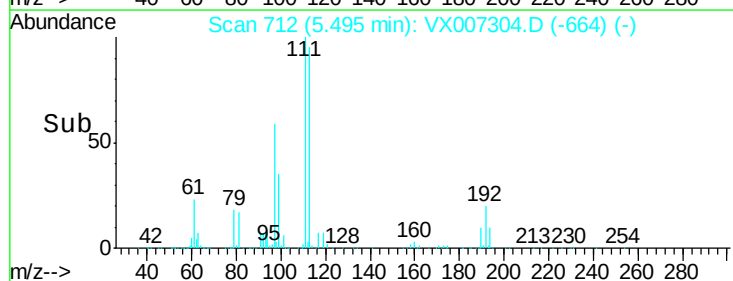
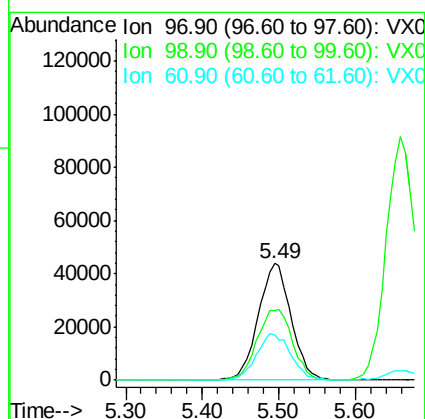
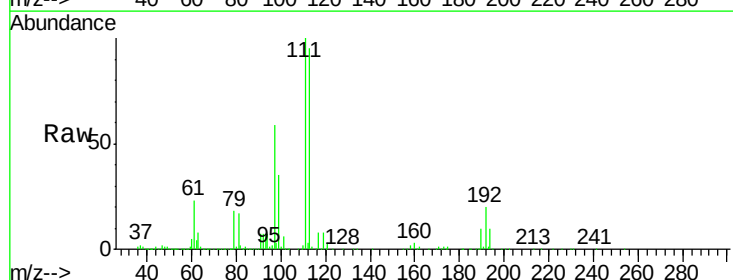
Manual Integrations  
APPROVED

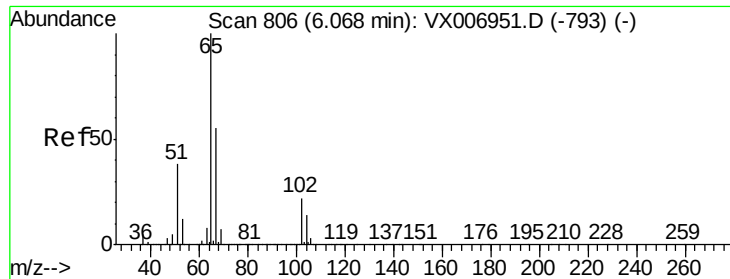
MMDadoda  
2/1/2019 10:44:20 AM



#32  
1,1,1-Trichloroethane  
Concen: 17.501 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.01 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.3  | 51.7  | 77.5  |
| 61      | 41.2  | 31.3  | 46.9  |





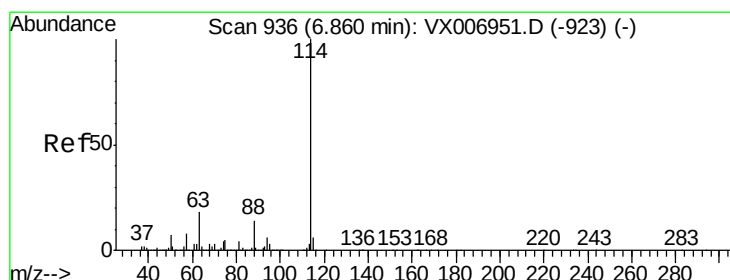
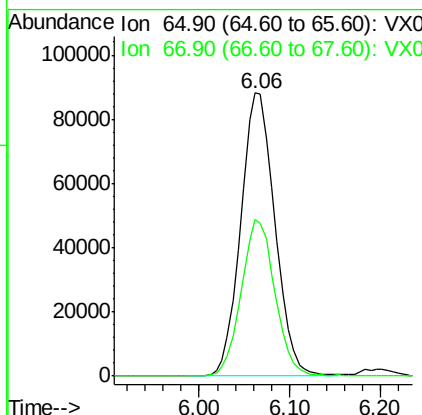
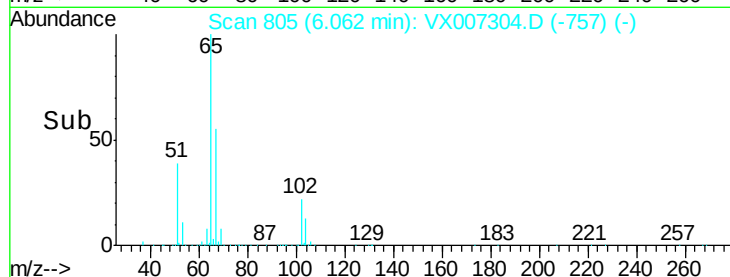
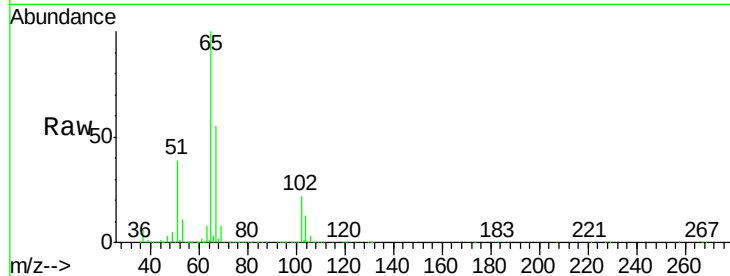
#33  
 1,2-Dichloroethane-d4  
 Concen: 43.387 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: VX007304.D  
 Acq: 30 Jan 2019 10:32

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0131WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 230141 |       |       |
| 67      | 54.1  | 0.0    | 105.0 |       |

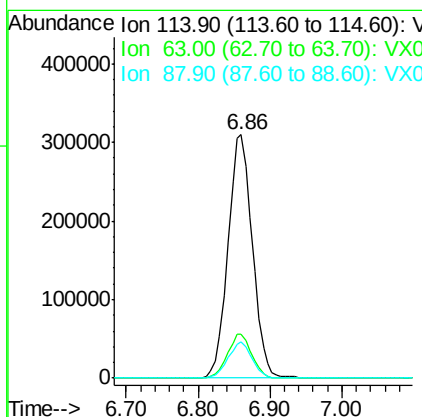
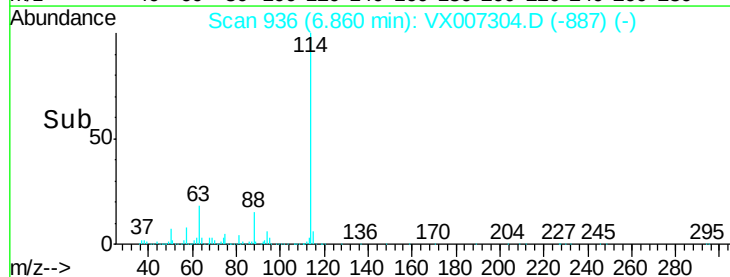
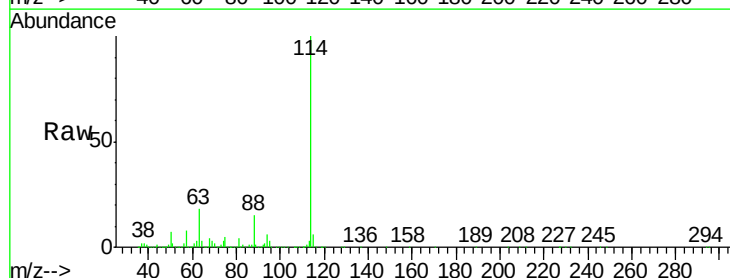
Manual Integrations  
 APPROVED

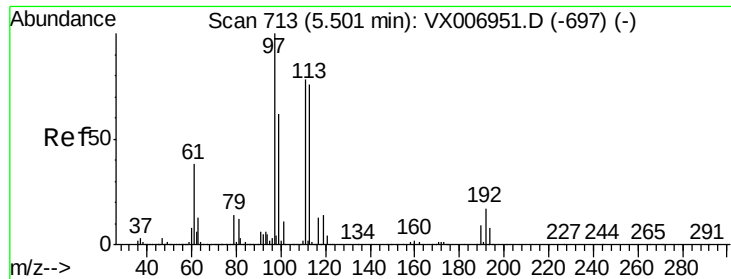
MMDadoda  
 2/1/2019 10:44:20 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX007304.D  
 Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 732079 |       |       |
| 63      | 18.2  | 0.0    | 34.8  |       |
| 88      | 14.7  | 0.0    | 28.8  |       |





#35

Dibromofluoromethane

Concen: 44.683 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

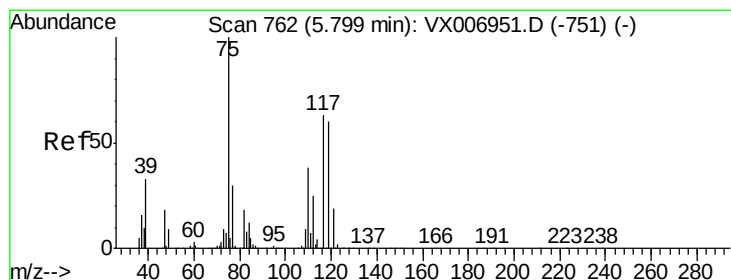
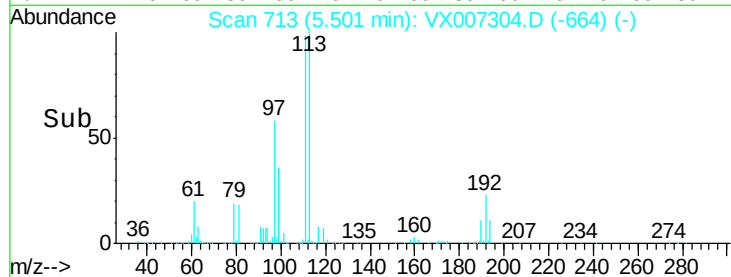
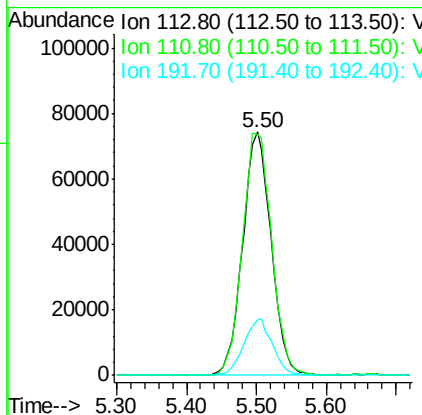
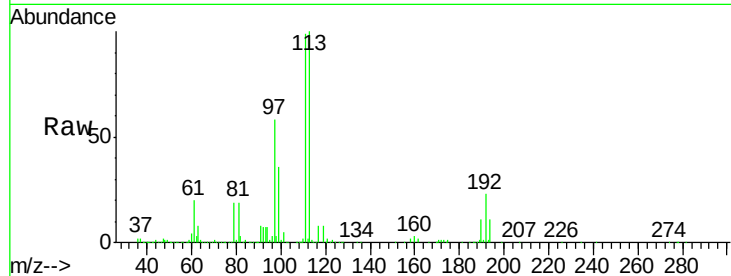
ClientSampled :

VX0131WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 209482 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.7 | 81.6  | 122.4  |
| 192       | 23.1  | 16.7  | 25.1   |

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#36

1,1-Dichloropropene

Concen: 16.951 ug/l

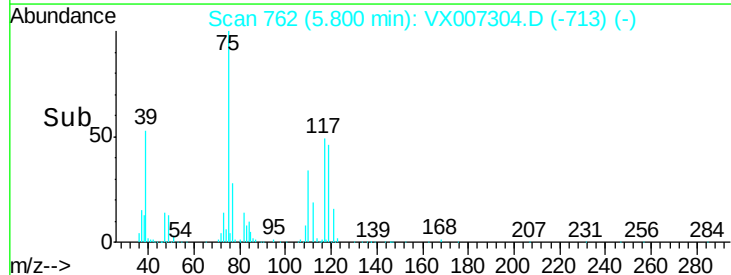
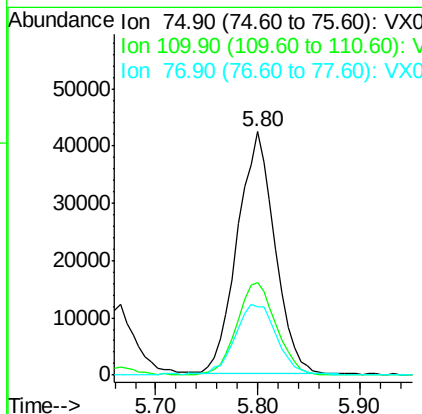
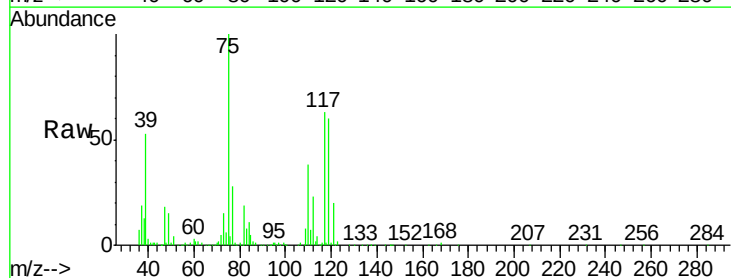
RT: 5.80 min Scan# 762

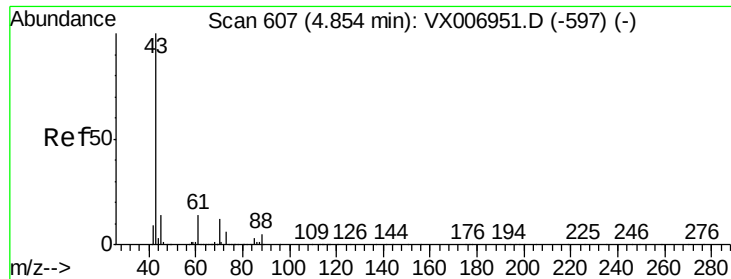
Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 107887 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 40.2  | 20.2  | 60.5   |
| 77        | 32.7  | 24.8  | 37.2   |





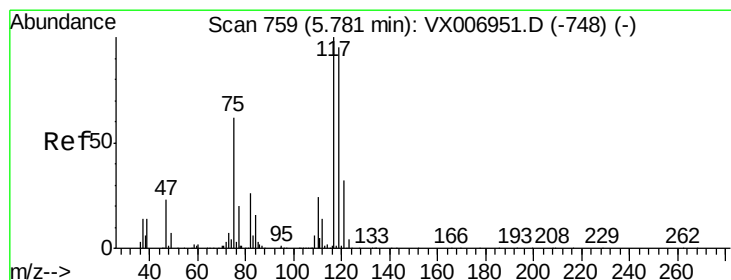
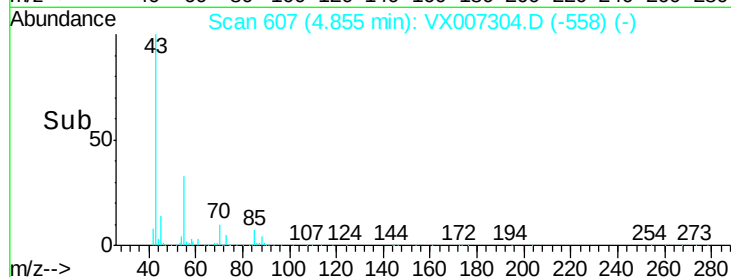
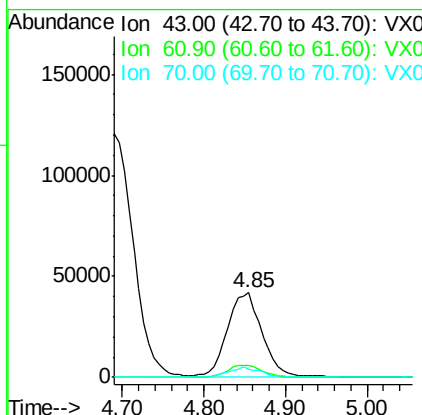
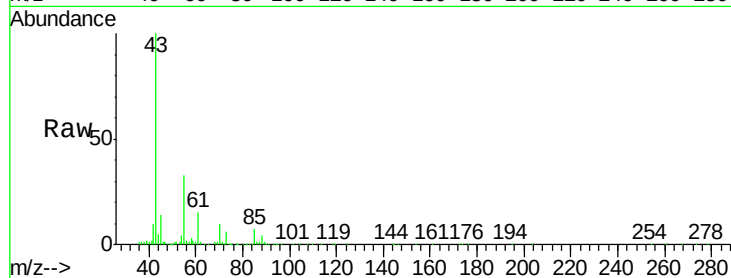
#37  
Ethyl Acetate  
Concen: 18.055 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0131WBS01

| Tot Ion   | 43    | Resp  | 123200 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 14.2  | 11.9  | 17.9   |
| 70        | 11.8  | 9.7   | 14.5   |

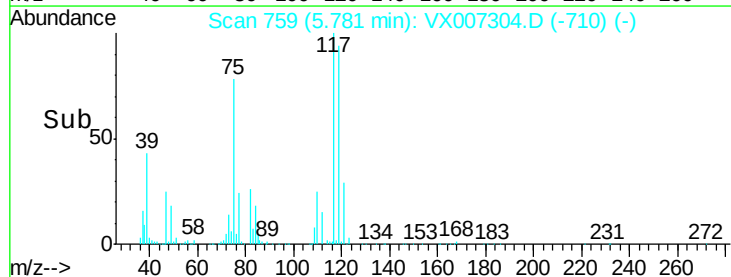
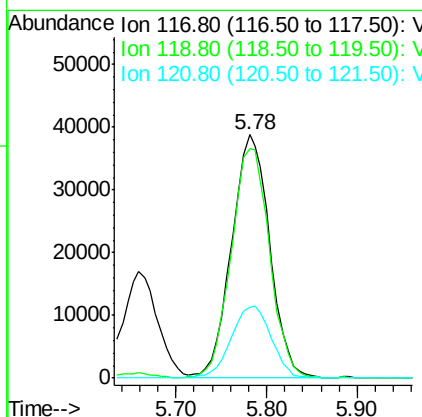
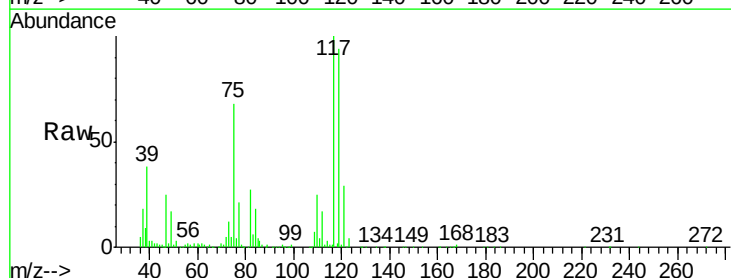
Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM

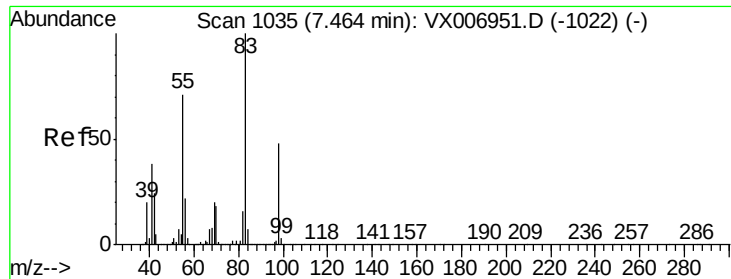


#38  
Carbon Tetrachloride  
Concen: 17.582 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

| Tgt Ion   | 117   | Resp  | 112593 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 94.5  | 79.4  | 119.2  |
| 121       | 29.0  | 24.0  | 36.0   |







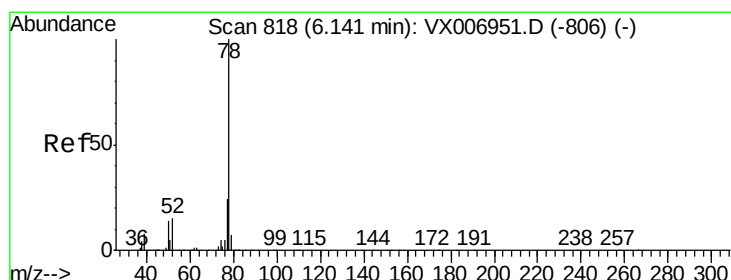
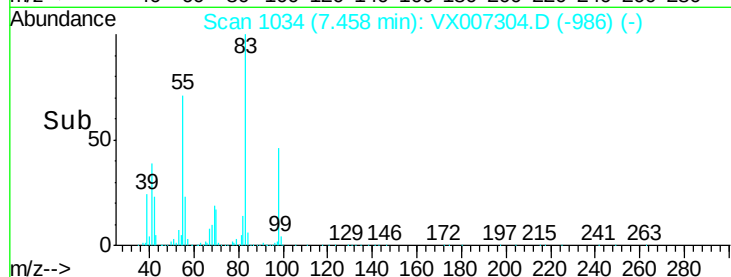
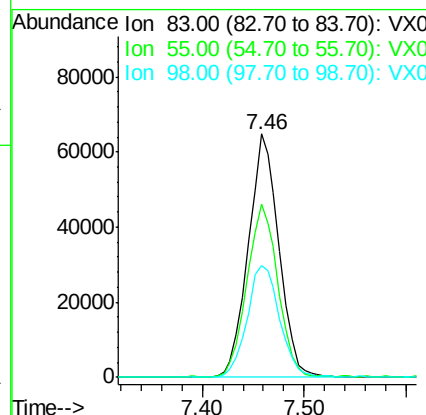
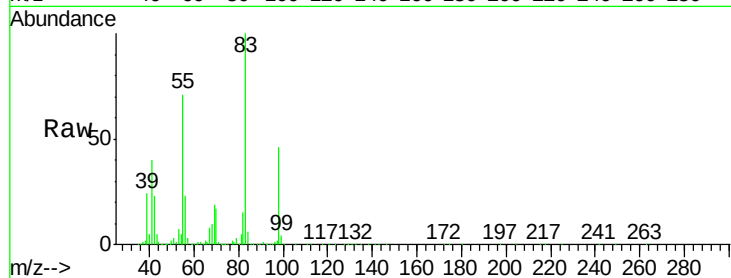
#39  
Methylvlcyclohexane  
Concen: 16.662 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 70.5  | 54.9  | 82.3  |
| 98      | 45.8  | 37.9  | 56.9  |

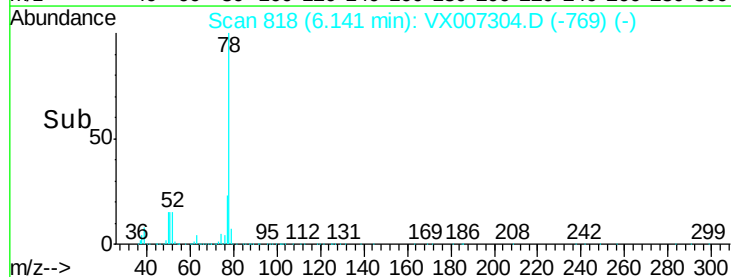
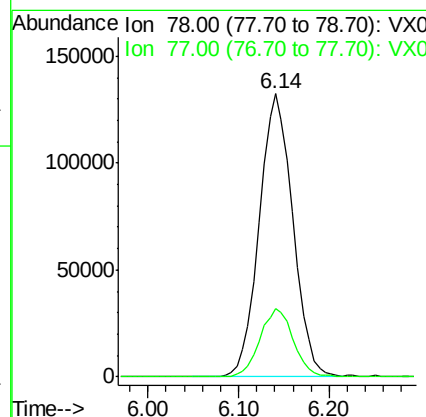
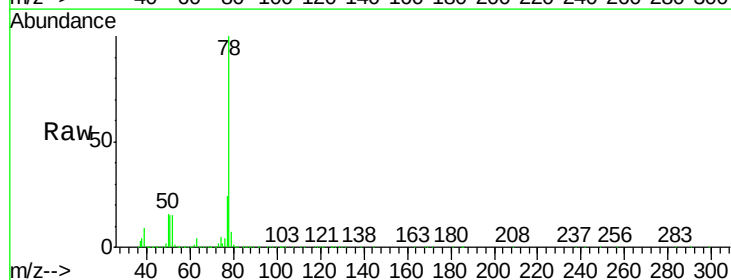
Manual Integrations  
APPROVED

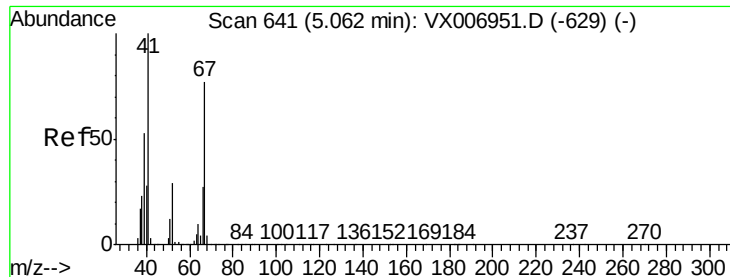
MMDadoda  
2/1/2019 10:44:20 AM



#40  
Benzene  
Concen: 17.463 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.0  | 19.2  | 28.8  |





#41

Methacrylonitrile

Concen: 17.774 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

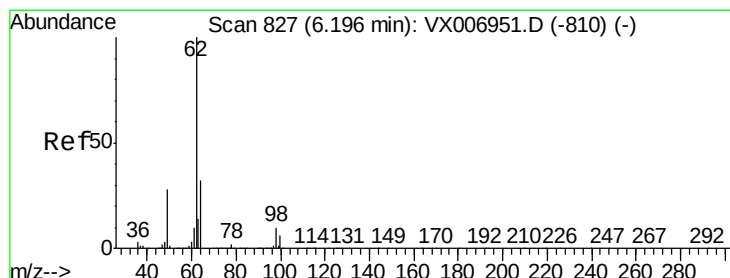
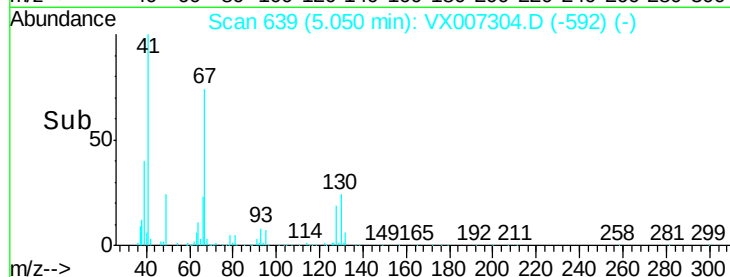
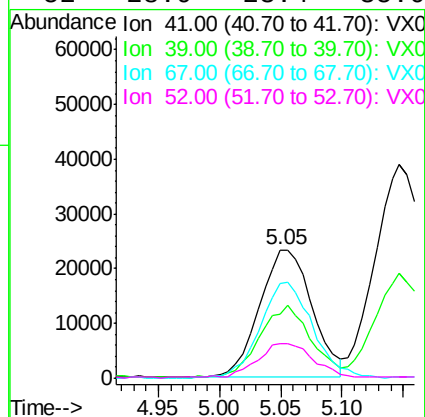
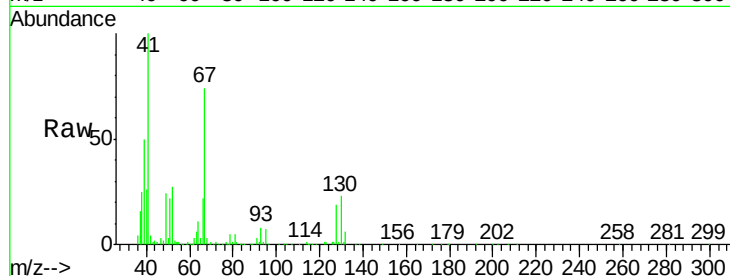
ClientSampleId :

VX0131WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 55.4 | 42.8  | 64.2  |       |
| 67      | 75.3 | 62.1  | 93.1  |       |
| 52      | 28.9 | 23.4  | 35.0  |       |

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#42

1,2-Dichloroethane

Concen: 17.892 ug/l

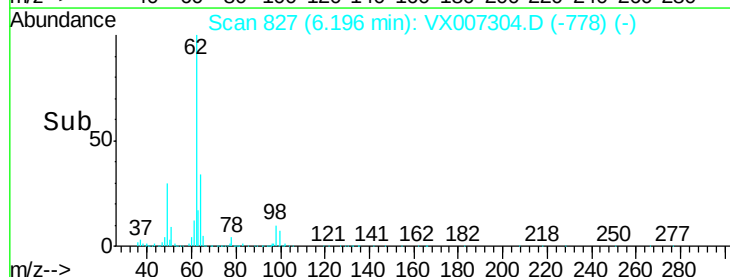
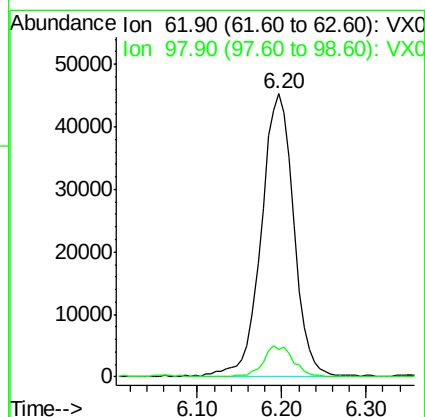
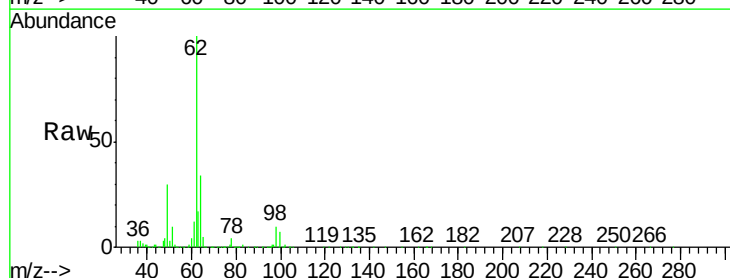
RT: 6.20 min Scan# 827

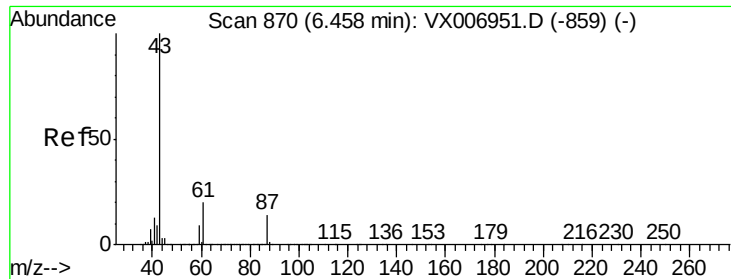
Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 10.3 | 0.0   | 20.2  |       |





#43

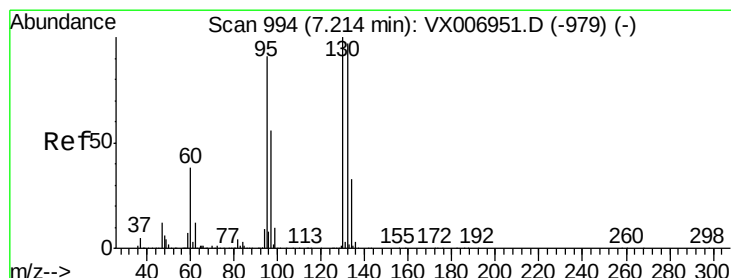
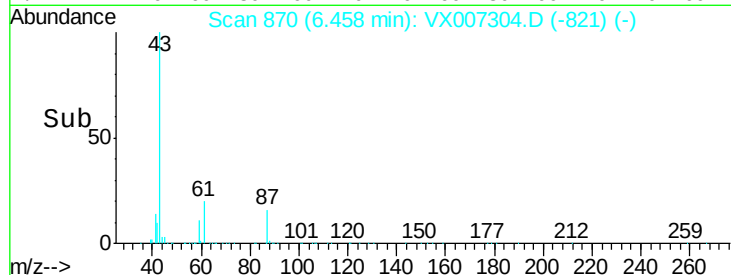
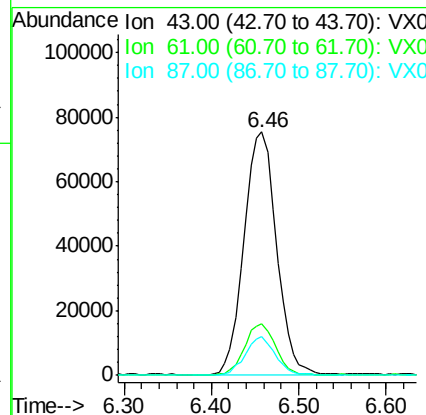
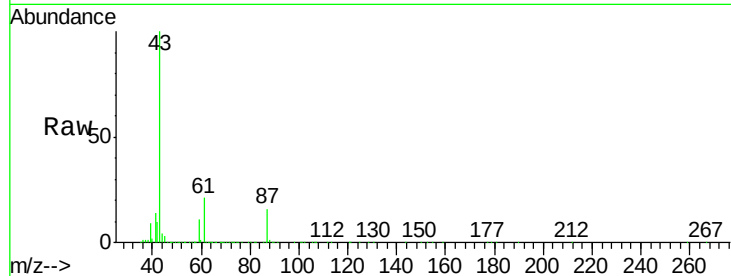
Isopropyl Acetate  
 Concen: 18.134 ug/l  
 RT: 6.46 min Scan# 870  
 Delta R.T. 0.00 min  
 Lab File: VX007304.D  
 Acq: 30 Jan 2019 10:32

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0131WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.7  | 16.8  | 25.2  |
| 87      | 14.8  | 12.4  | 18.6  |

Manual Integrations  
 APPROVED

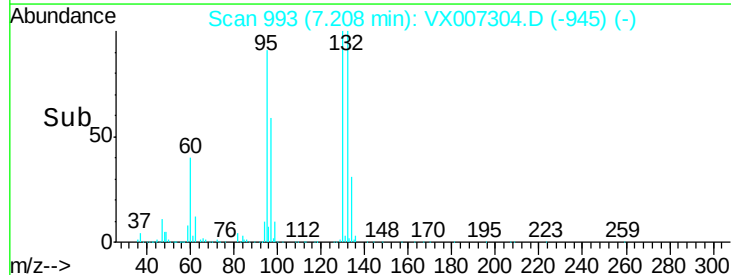
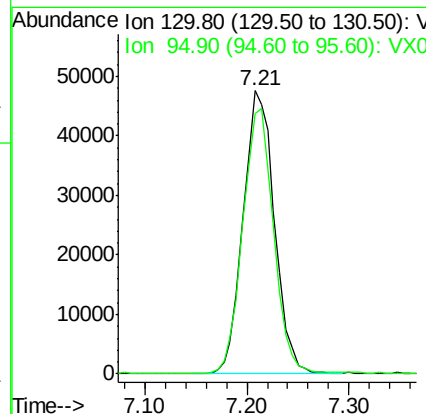
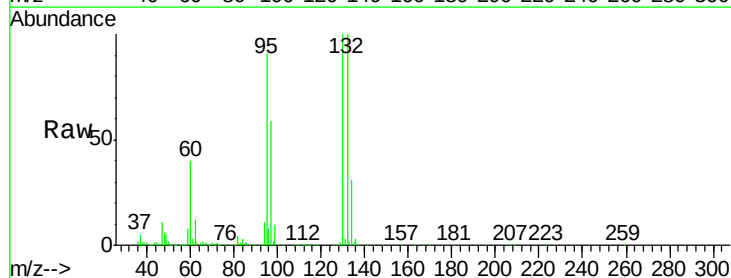
MMDadoda  
 2/1/2019 10:44:20 AM

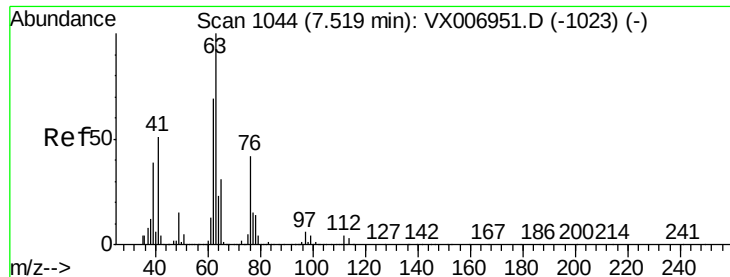


#44

Trichloroethene  
 Concen: 17.396 ug/l  
 RT: 7.21 min Scan# 993  
 Delta R.T. -0.01 min  
 Lab File: VX007304.D  
 Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 91.8  | 0.0   | 187.0 |





#45

1,2-Dichloropropane

Concen: 18.070 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampled :

VX0131WBS01

Tot Ion: 63 Resp: 88229

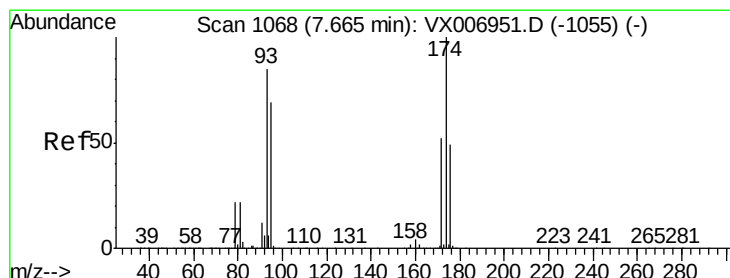
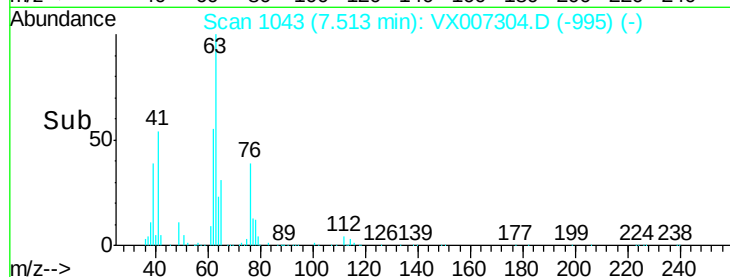
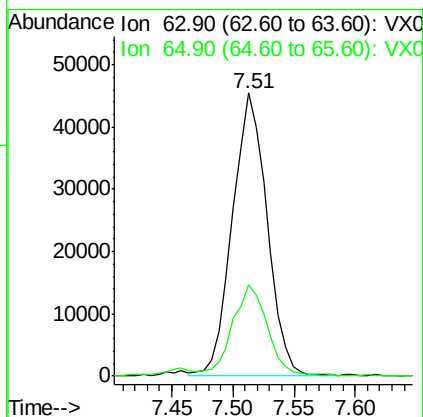
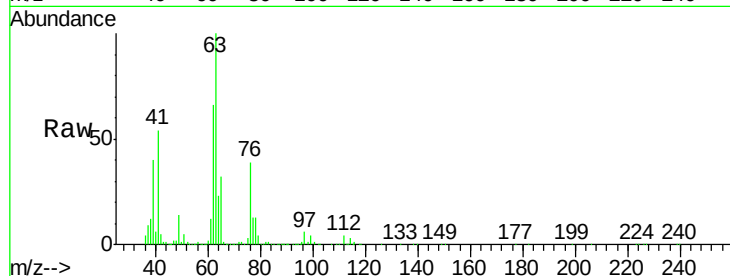
Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.0

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#46

Dibromomethane

Concen: 18.268 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

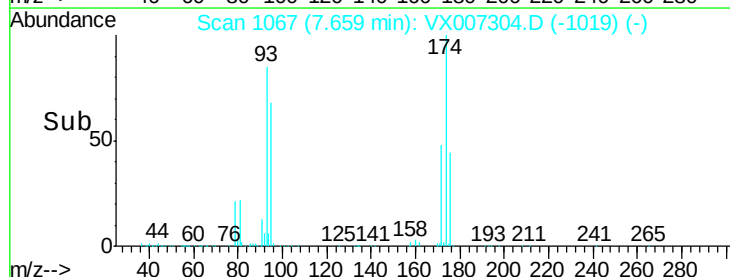
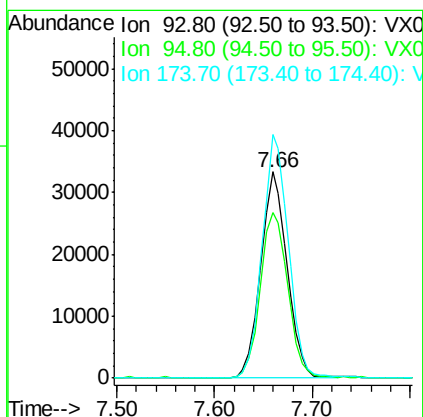
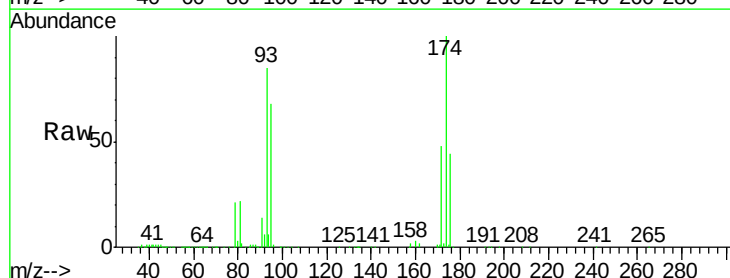
Tgt Ion: 93 Resp: 62687

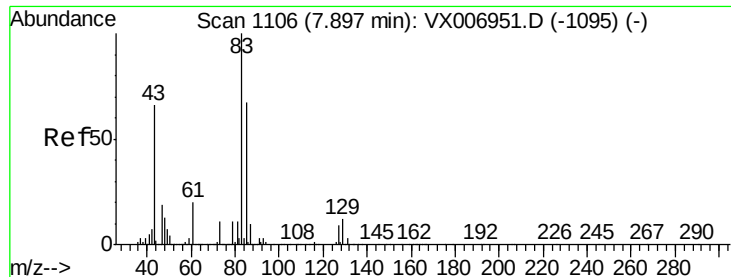
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

174 116.2 91.0 136.4





#47

Bromodichloromethane

Concen: 18.917 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

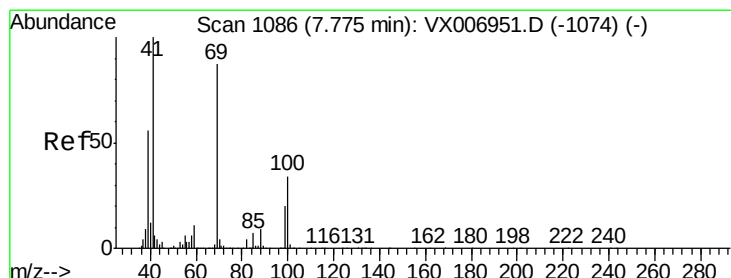
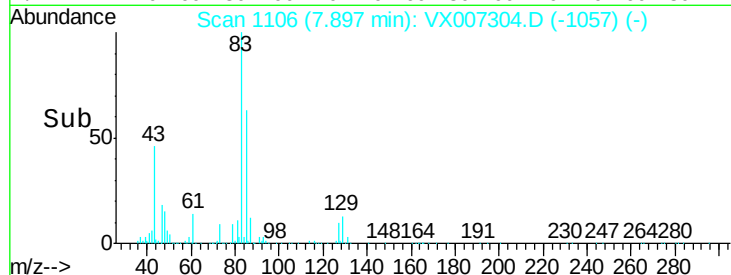
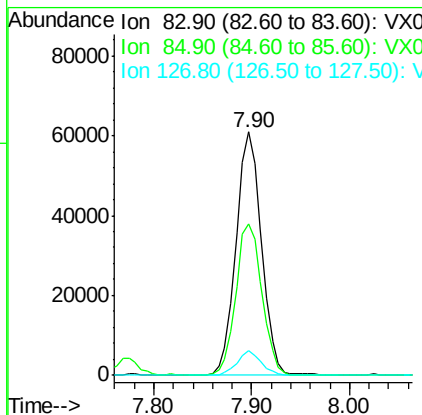
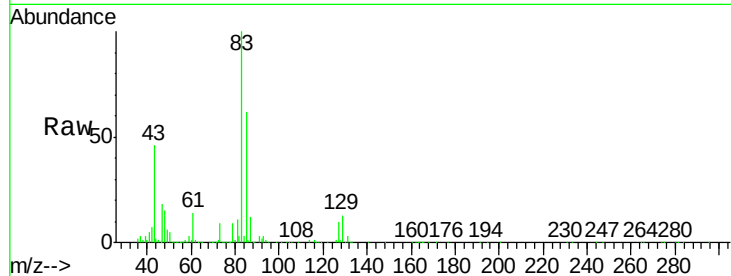
ClientSampled :

VX0131WBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 110489 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.2  | 53.2  | 79.8   |
| 127      | 10.0  | 7.8   | 11.6   |

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#48

Methyl methacrylate

Concen: 17.830 ug/l

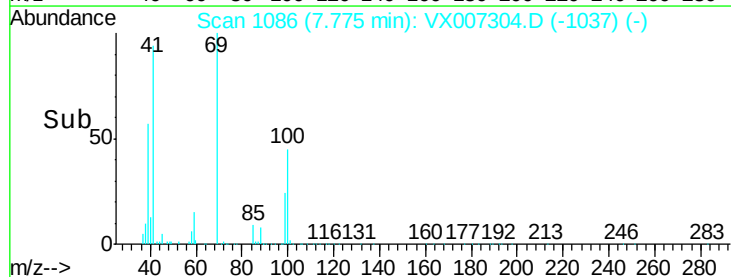
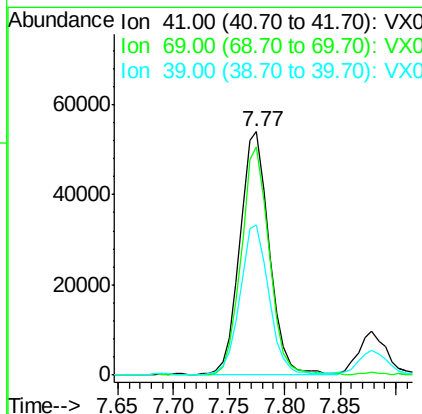
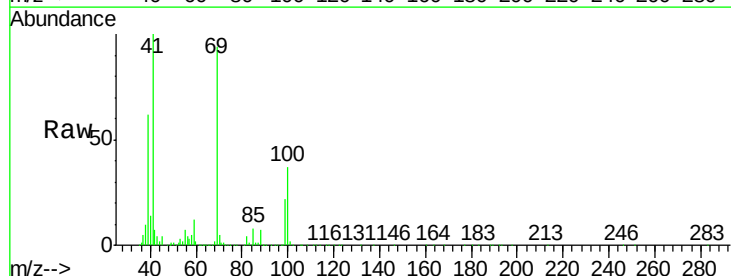
RT: 7.77 min Scan# 1086

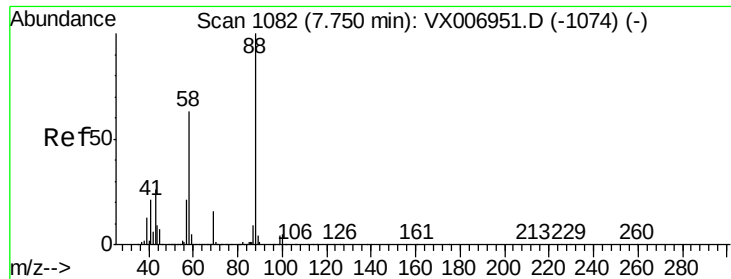
Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 98554 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 90.2  | 72.4  | 108.6 |
| 39       | 60.6  | 45.8  | 68.8  |





#49

1,4-Dioxane

Concen: 371.556 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

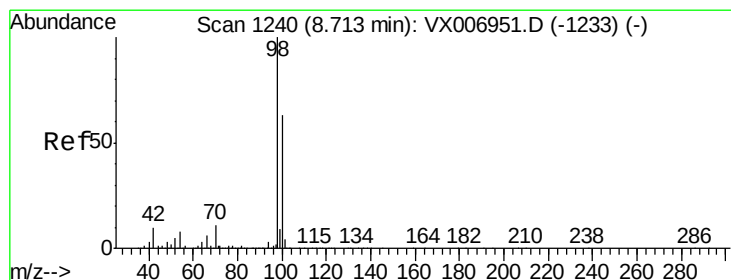
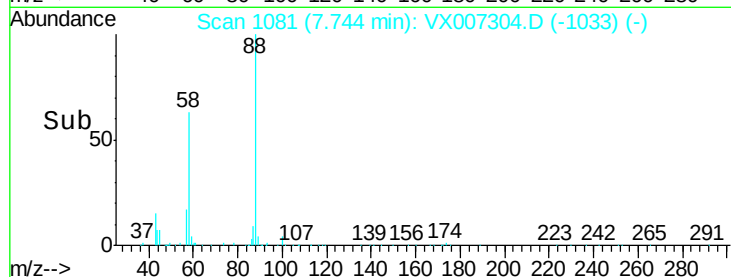
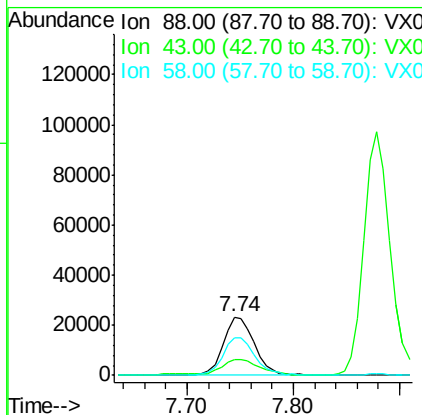
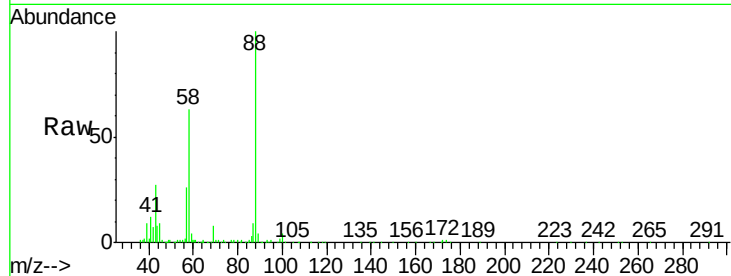
ClientSampleId :

VX0131WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 47582 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 31.9  | 22.2  | 33.4  |
| 58       | 65.5  | 51.0  | 76.4  |

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#50

Toluene-d8

Concen: 45.452 ug/l

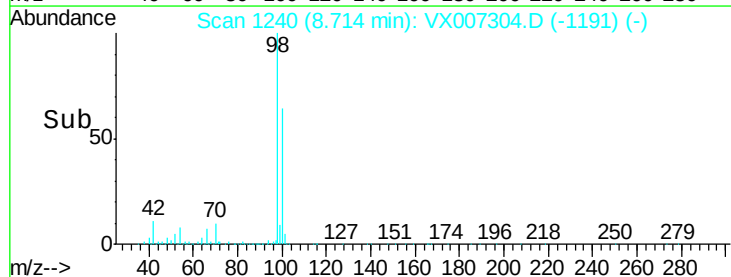
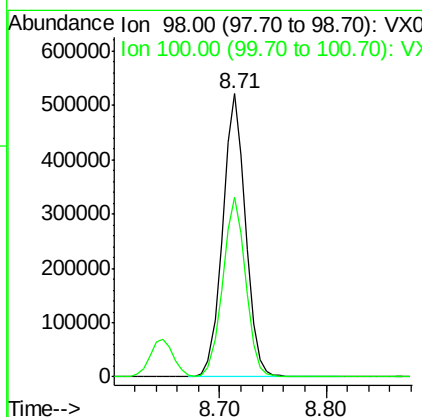
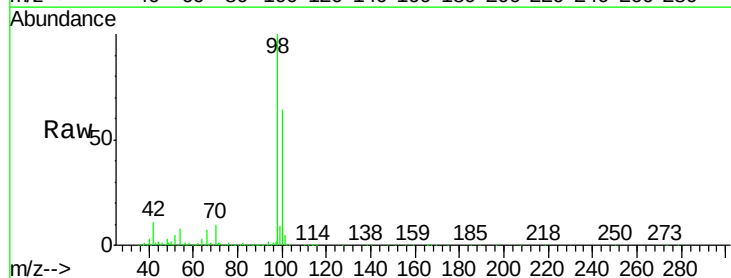
RT: 8.71 min Scan# 1240

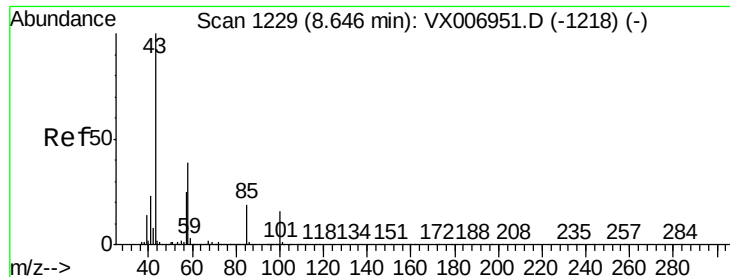
Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 779961 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.7  | 52.0  | 78.0   |





#51

4-Methyl-2-Pentanone

Concen: 97.716 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampled :

VX0131WBS01

Tot Ion: 43 Resp: 675923

Ion Ratio Lower Upper

43 100

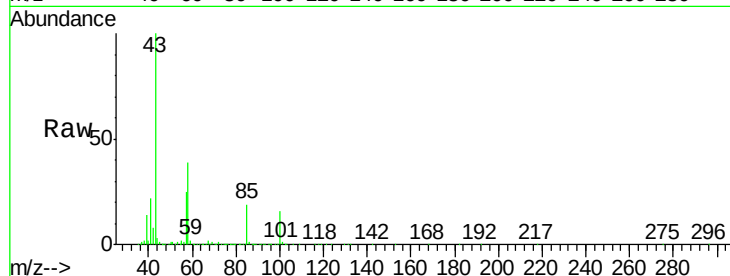
58 39.2 31.8 47.6

Manual Integrations

APPROVED

MMDadoda

2/1/2019 10:44:20 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

400000

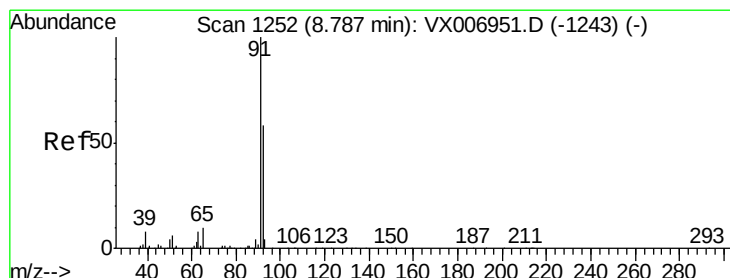
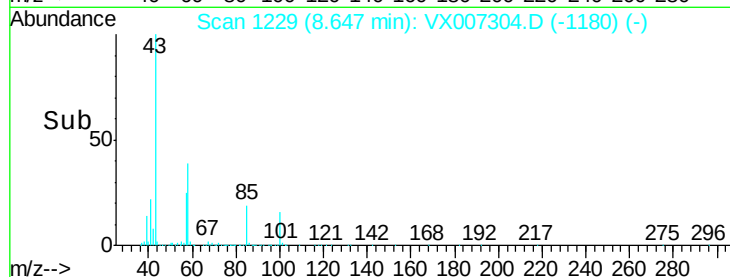
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.247 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007304.D

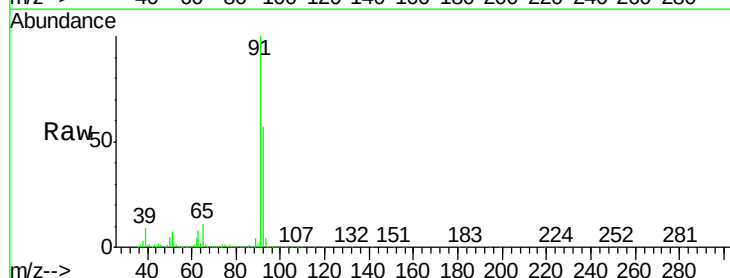
Acq: 30 Jan 2019 10:32

Tgt Ion: 92 Resp: 227767

Ion Ratio Lower Upper

92 100

91 175.0 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

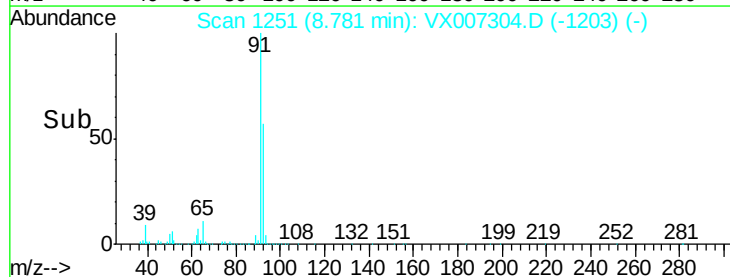
150000

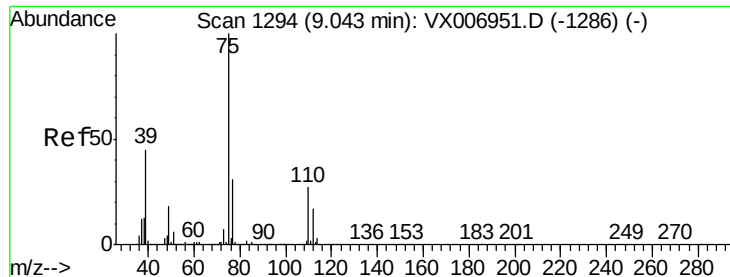
100000

50000

0

Time-->





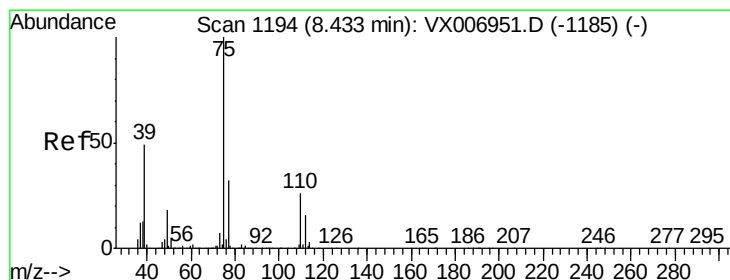
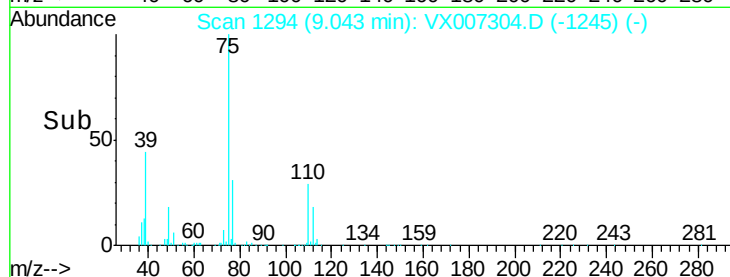
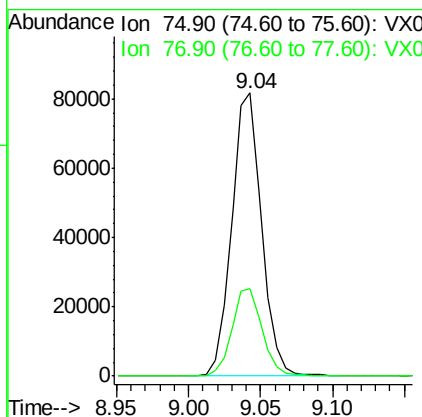
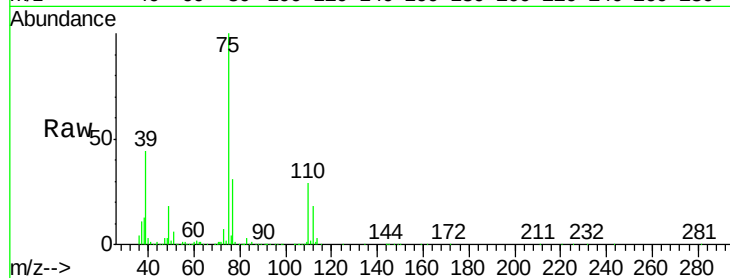
#53  
t-1,3-Dichloropropene  
Concen: 18.320 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.9  | 25.4  | 38.0  |

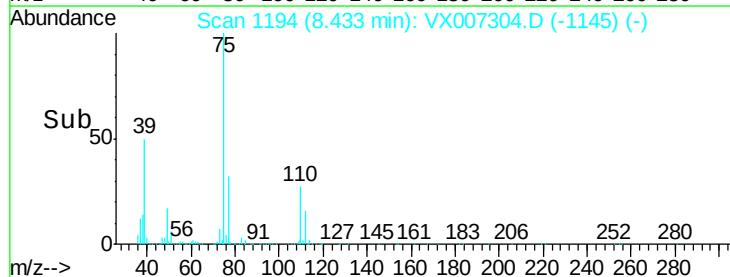
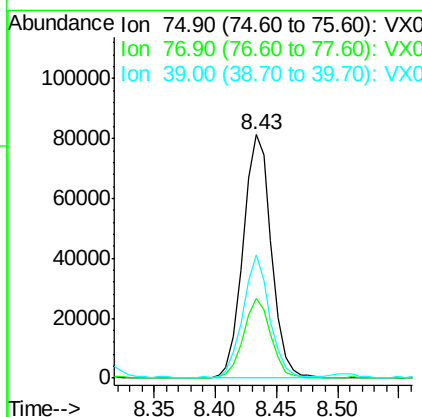
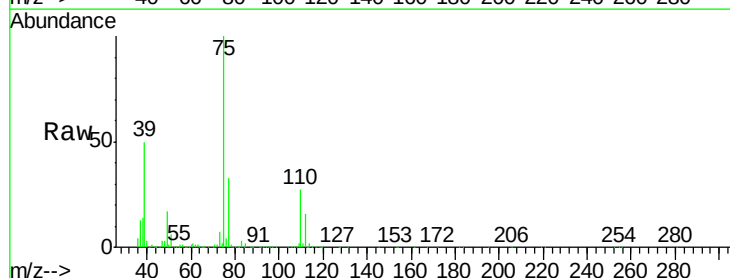
Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM

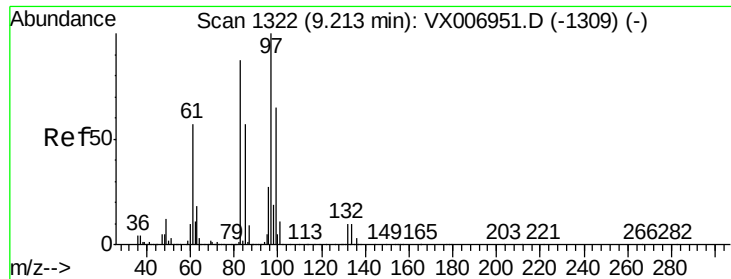


#54  
cis-1,3-Dichloropropene  
Concen: 18.203 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.5  | 26.2  | 39.2  |
| 39      | 50.1  | 36.7  | 55.1  |







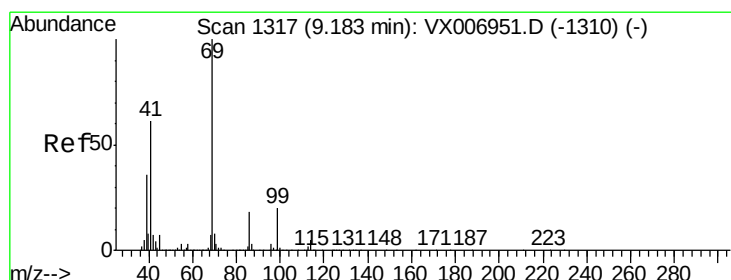
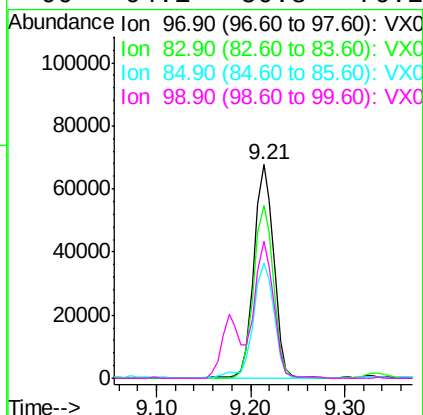
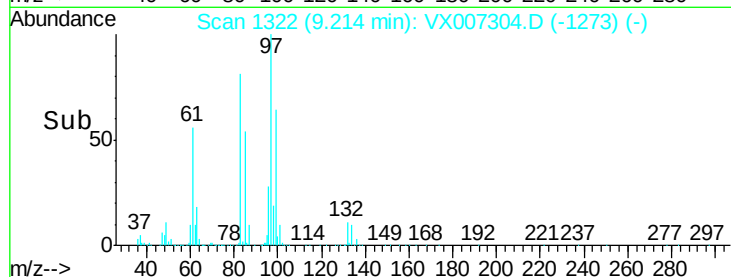
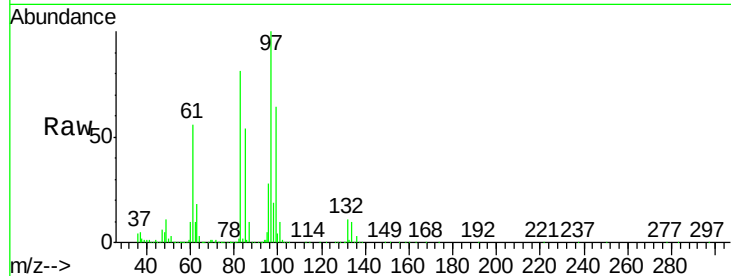
#55  
 1,1,2-Trichloroethane  
 Concen: 19.941 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX007304.D  
 Acq: 30 Jan 2019 10:32

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0131WBS01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 99631 |       |       |
| 83      | 80.7 | 66.6  | 99.8  |       |       |
| 85      | 54.2 | 42.7  | 64.1  |       |       |
| 99      | 64.1 | 50.8  | 76.2  |       |       |

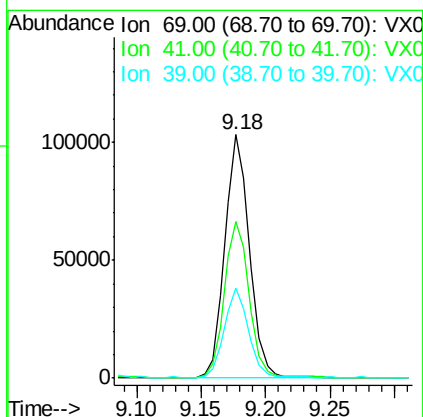
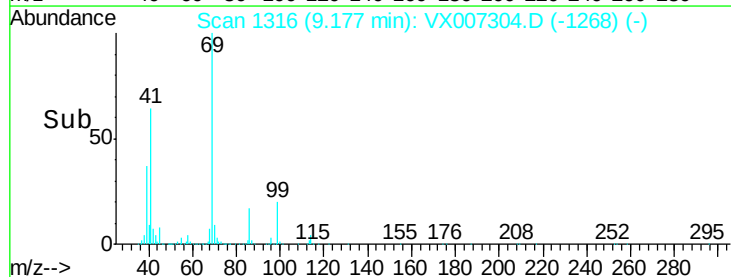
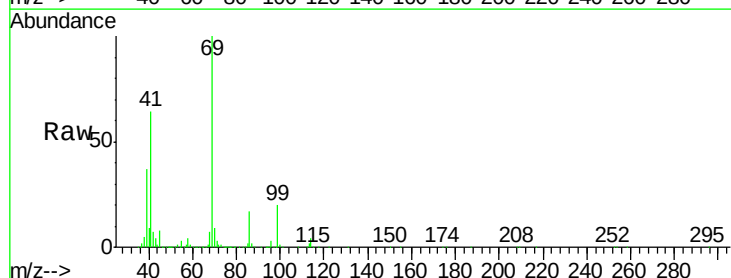
Manual Integrations  
 APPROVED

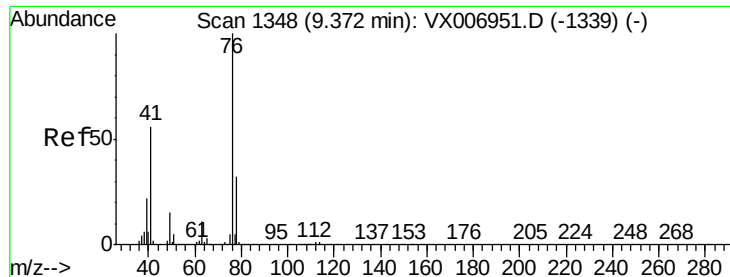
MMDadoda  
 2/1/2019 10:44:20 AM



#56  
 Ethyl methacrylate  
 Concen: 19.031 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.01 min  
 Lab File: VX007304.D  
 Acq: 30 Jan 2019 10:32

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 138814 |       |       |
| 41      | 64.3 | 48.7  | 73.1   |       |       |
| 39      | 36.4 | 27.0  | 40.6   |       |       |





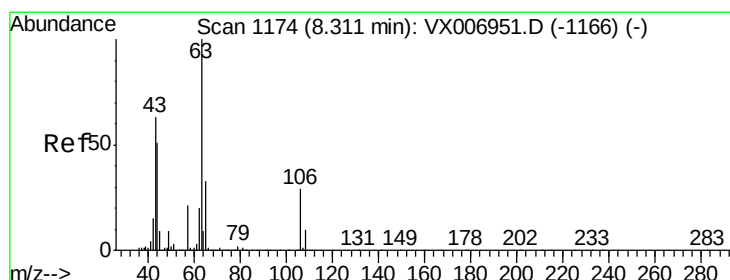
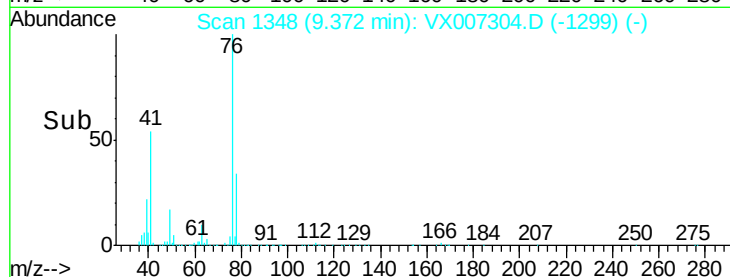
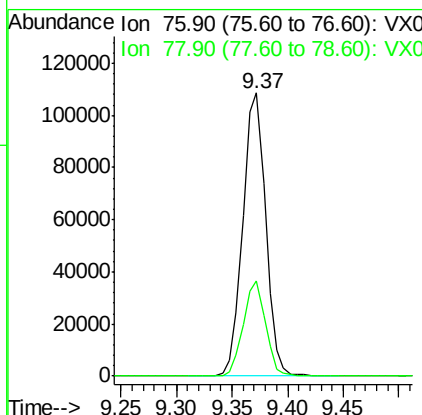
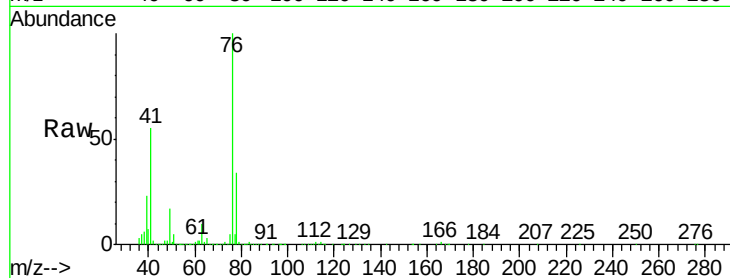
#57  
 1,3-Dichloropropane  
 Concen: 19.011 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VX007304.D  
 Acq: 30 Jan 2019 10:32

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0131WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.6  | 26.0  | 39.0  |

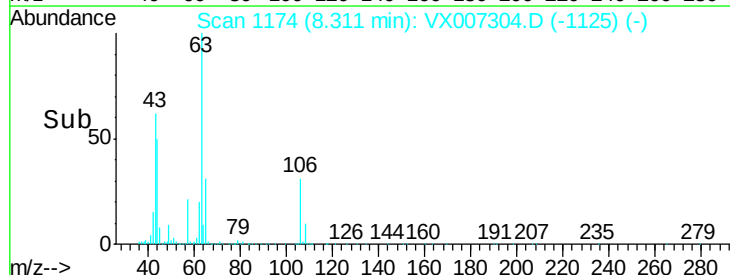
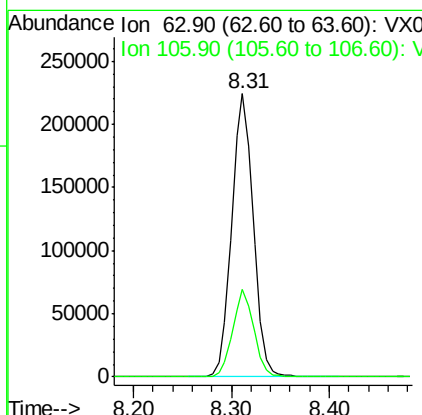
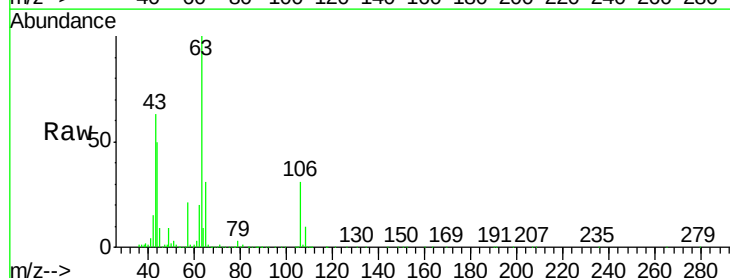
Manual Integrations  
 APPROVED

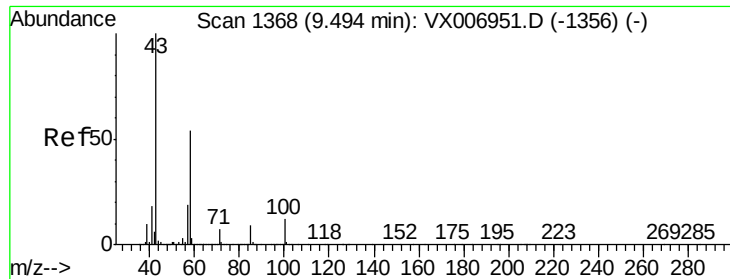
MMDadoda  
 2/1/2019 10:44:20 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 91.220 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: VX007304.D  
 Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 30.5  | 24.6  | 36.8  |





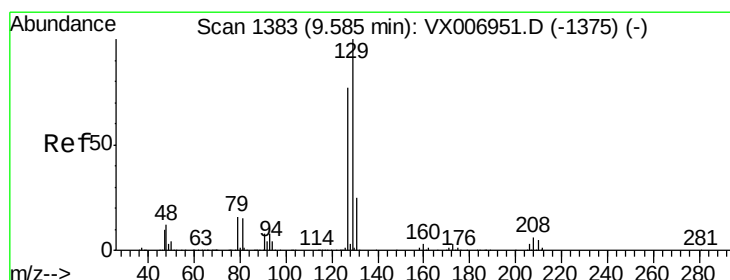
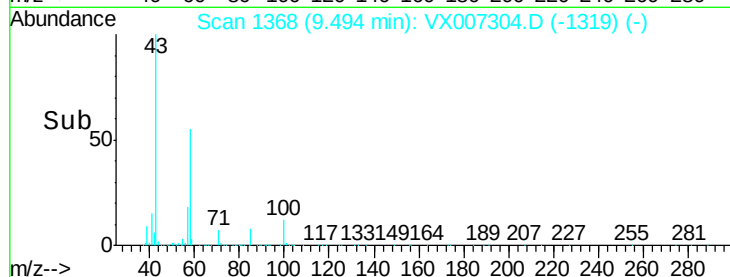
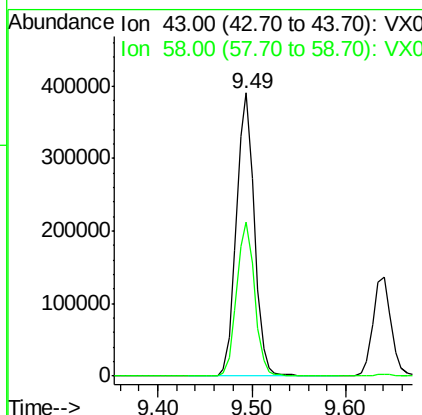
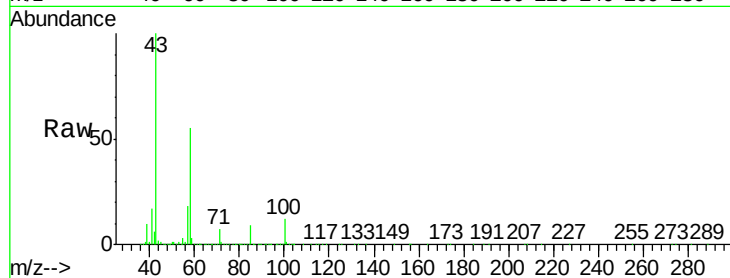
#59  
2-Hexanone  
Concen: 98.273 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS01

Tot Ion: 43 Resp: 518030  
Ion Ratio Lower Upper  
43 100  
58 54.9 27.7 83.1

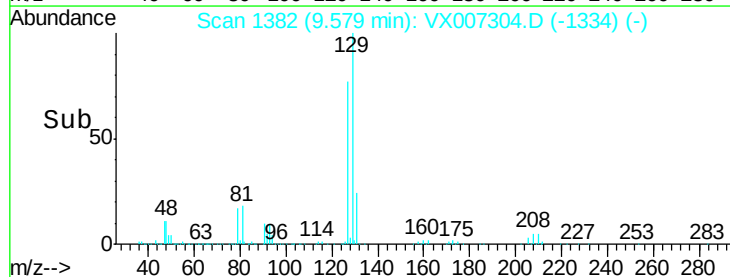
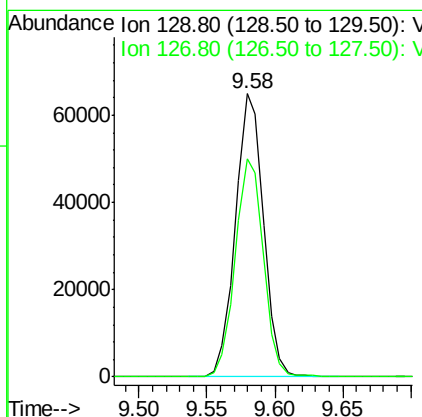
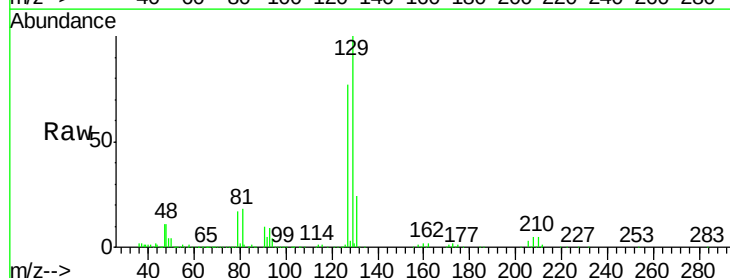
Manual Integrations  
APPROVED

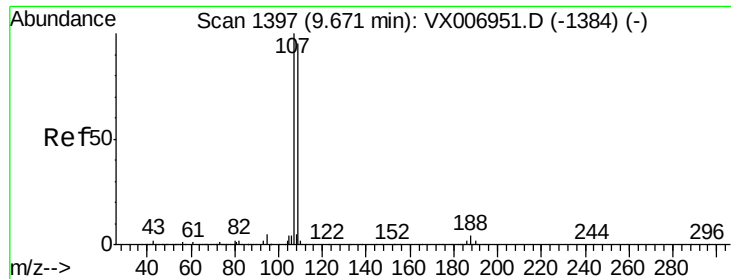
MMDadoda  
2/1/2019 10:44:20 AM



#60  
Dibromochloromethane  
Concen: 19.194 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.01 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Tgt Ion: 129 Resp: 93120  
Ion Ratio Lower Upper  
129 100  
127 77.4 39.3 117.8





#61

1,2-Dibromoethane

Concen: 18.756 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS01

Tot Ion: 107 Resp: 103165

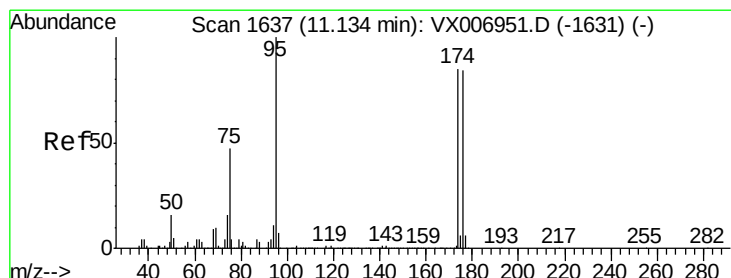
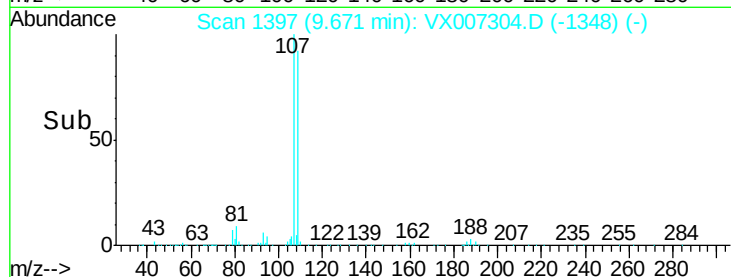
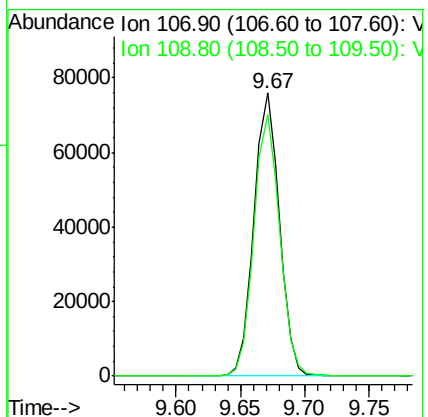
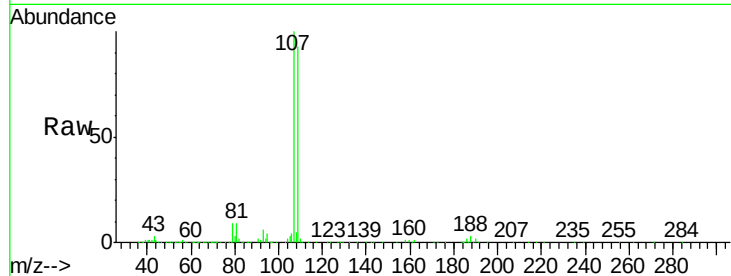
Ion Ratio Lower Upper

107 100

109 94.1 75.8 113.6

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#62

4-Bromofluorobenzene

Concen: 49.229 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

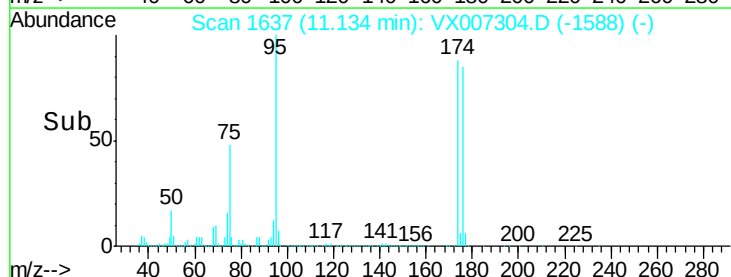
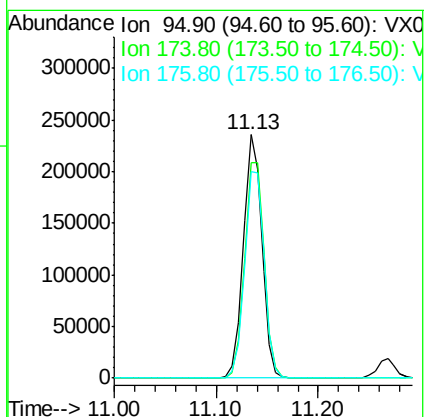
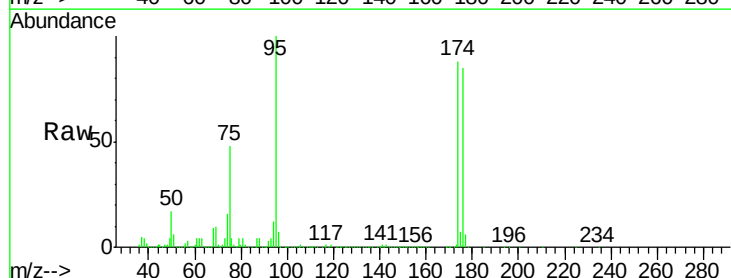
Tgt Ion: 95 Resp: 294513

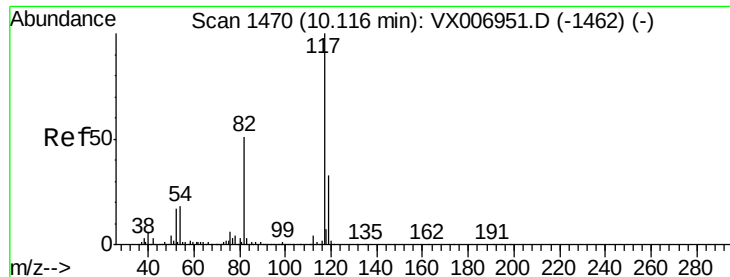
Ion Ratio Lower Upper

95 100

174 93.8 0.0 182.2

176 90.1 0.0 178.8





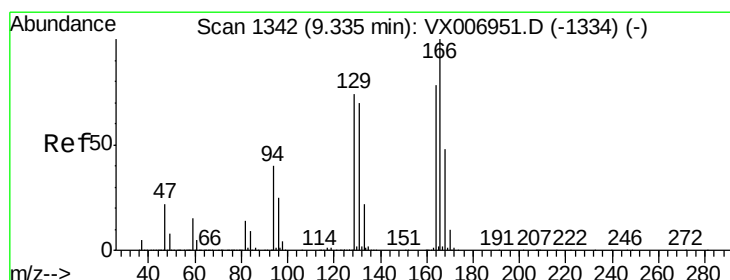
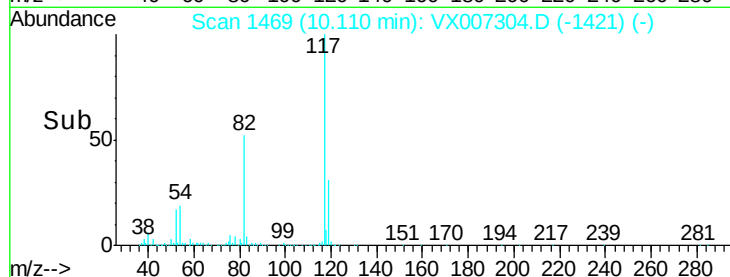
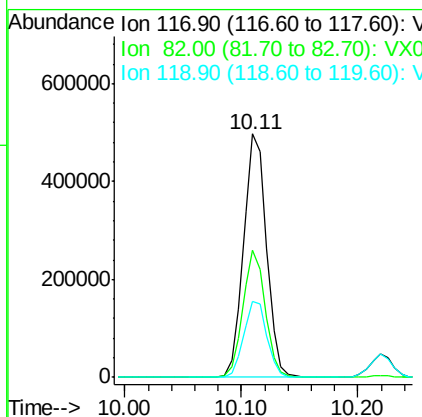
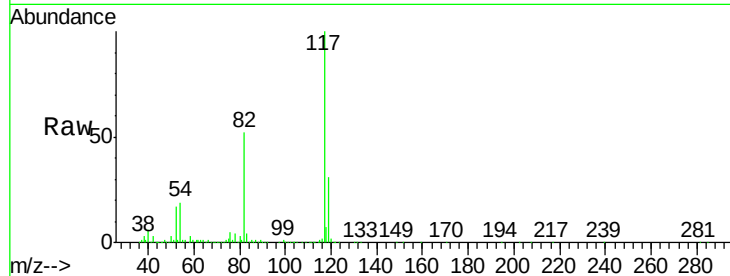
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.01 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 681820 |       |       |
| 82      | 52.2  | 41.0   | 61.6  |       |
| 119     | 31.4  | 25.4   | 38.0  |       |

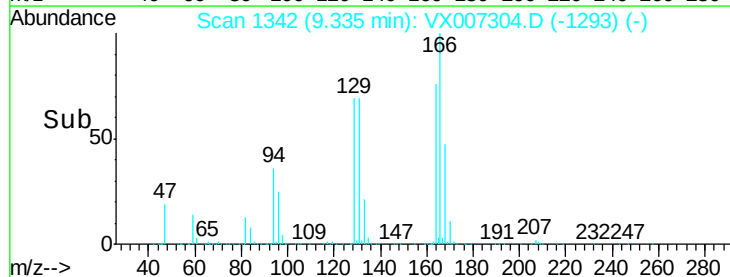
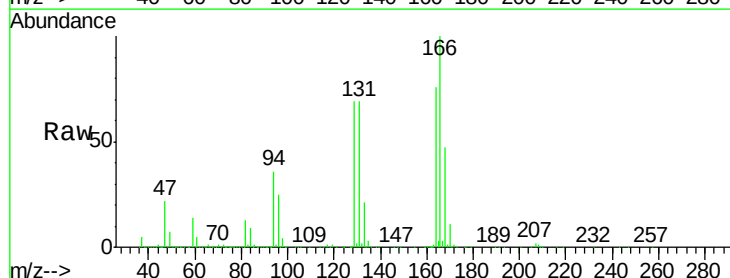
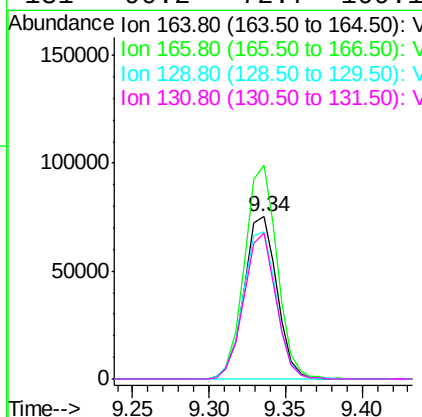
Manual Integrations  
APPROVED

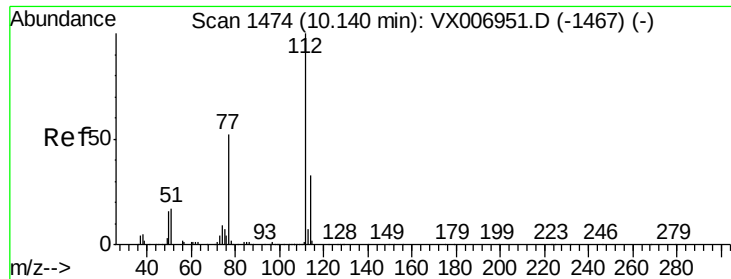
MMDadoda  
2/1/2019 10:44:20 AM



#64  
Tetrachloroethene  
Concen: 19.045 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 112424 |       |       |
| 166     | 131.6 | 102.5  | 153.7 |       |
| 129     | 90.6  | 75.1   | 112.7 |       |
| 131     | 90.2  | 72.7   | 109.1 |       |





#65

Chlorobenzene

Concen: 18.320 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampled :

VX0131WBS01

Tot Ion:112 Resp: 272430

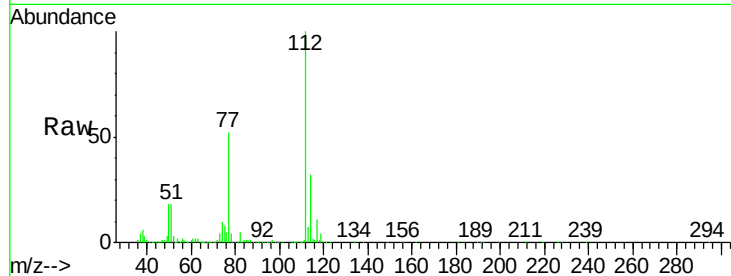
Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

100000

50000

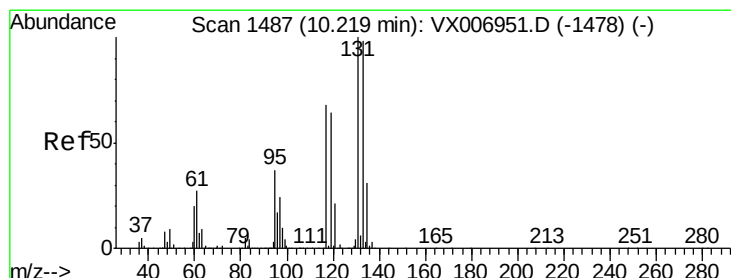
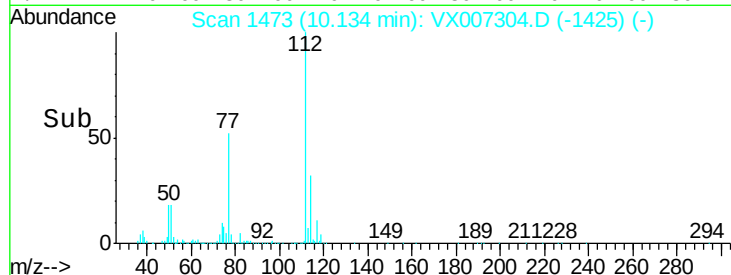
0

10.10

10.13

10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.709 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

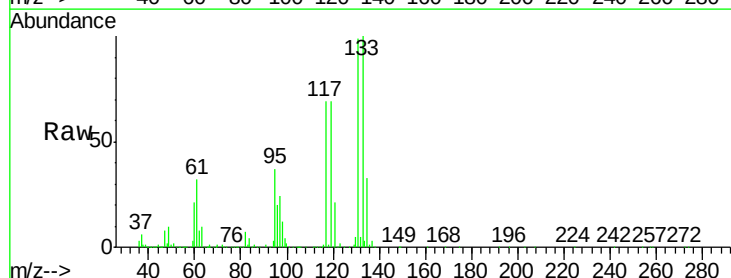
Tgt Ion:131 Resp: 93595

Ion Ratio Lower Upper

131 100

133 96.3 48.0 144.2

119 66.2 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

150000

100000

50000

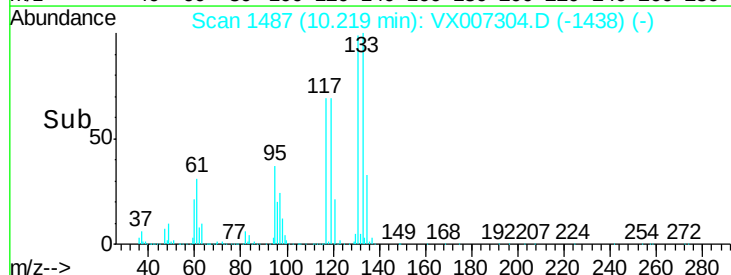
0

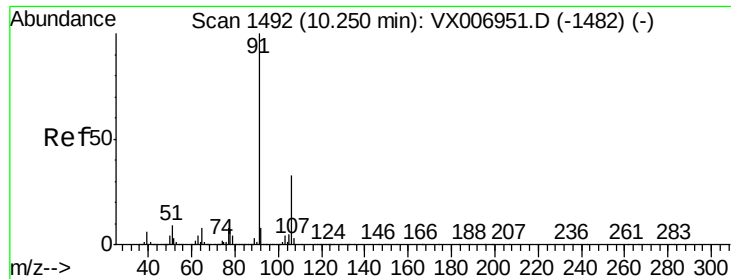
10.10

10.22

10.30

Time-->





#67

Ethyl Benzene

Concen: 17.959 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampled :

VX0131WBS01

Tot Ion: 91 Resp: 440894

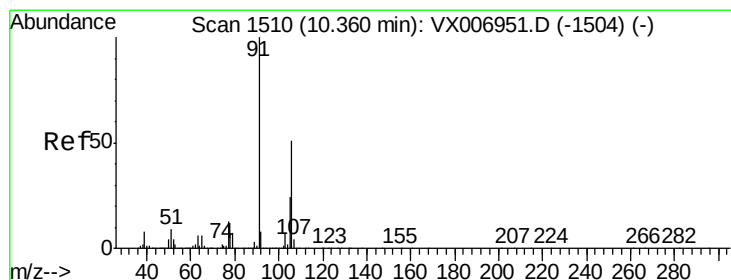
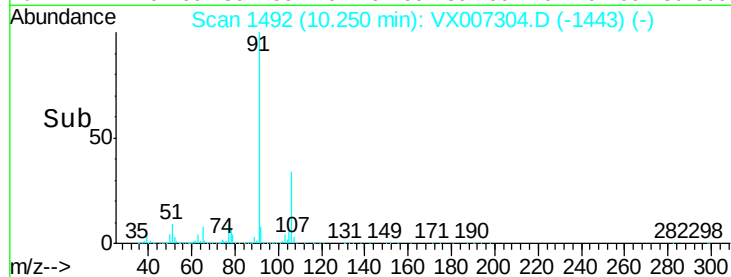
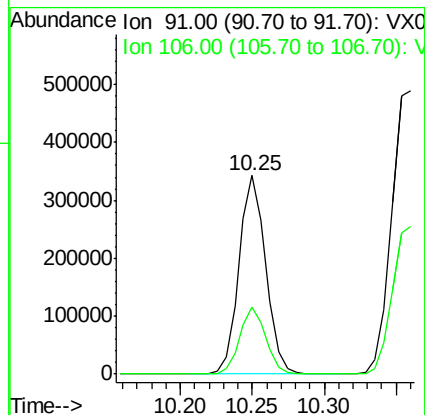
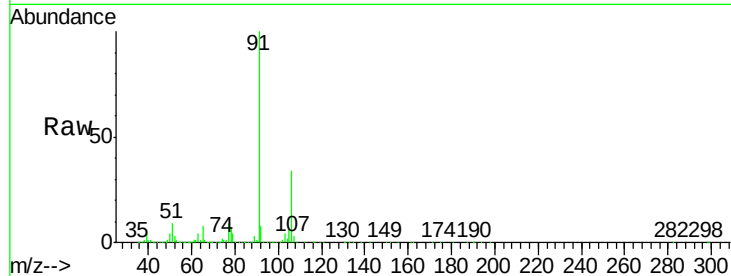
Ion Ratio Lower Upper

91 100

106 33.8 26.4 39.6

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#68

m/p-Xylenes

Concen: 36.069 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007304.D

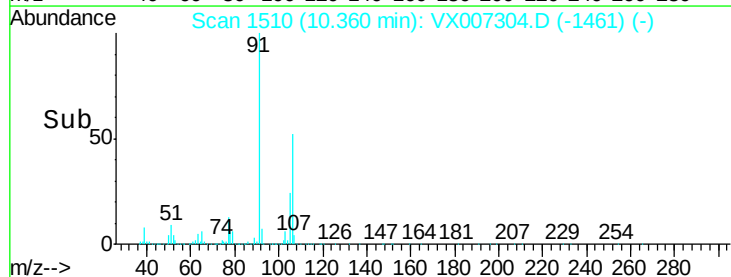
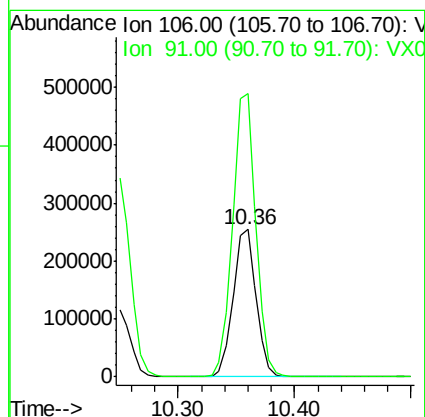
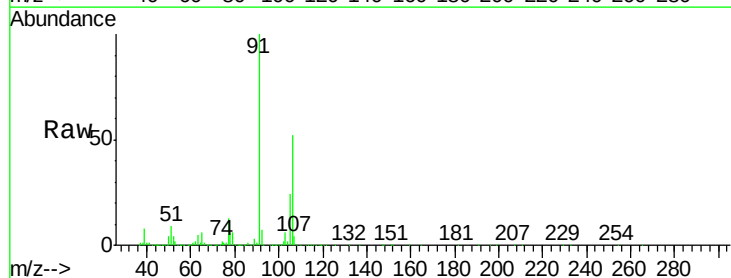
Acq: 30 Jan 2019 10:32

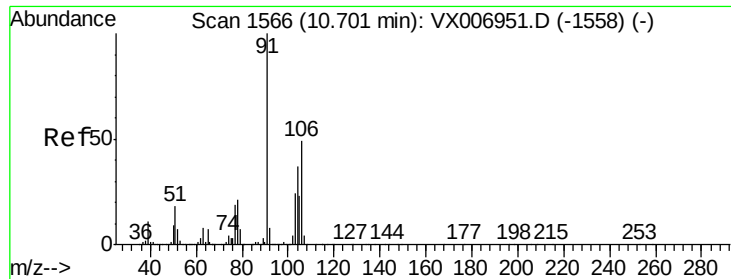
Tgt Ion: 106 Resp: 348873

Ion Ratio Lower Upper

106 100

91 194.4 155.8 233.6





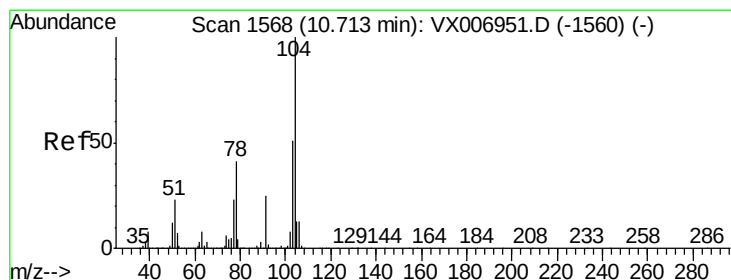
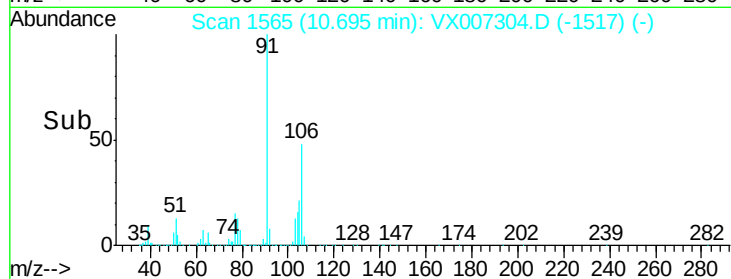
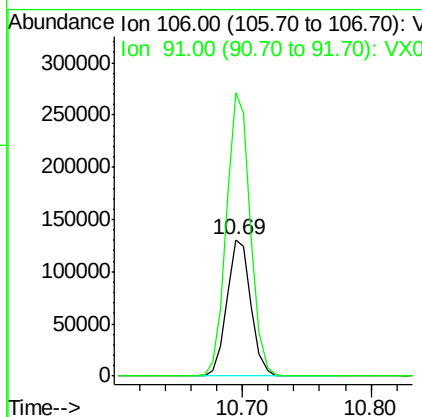
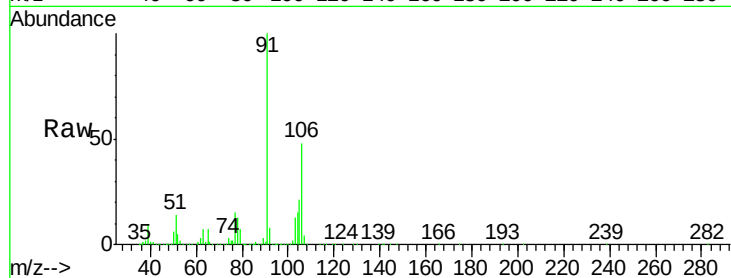
#69  
o-Xylene  
Concen: 18.211 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS01

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 171786 |       |       |
| 91      | 206.3 | 101.3 | 303.7  |       |       |

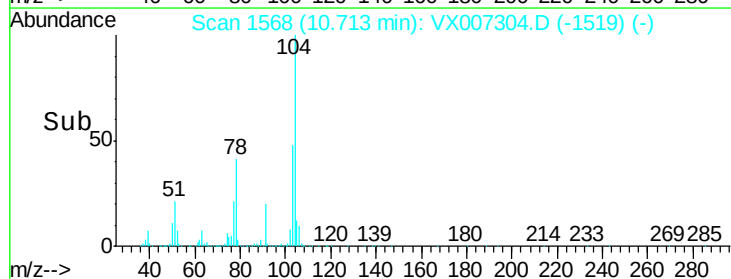
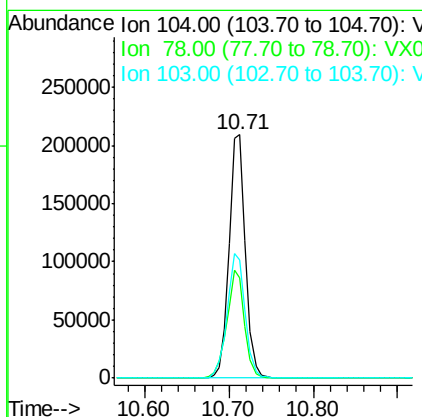
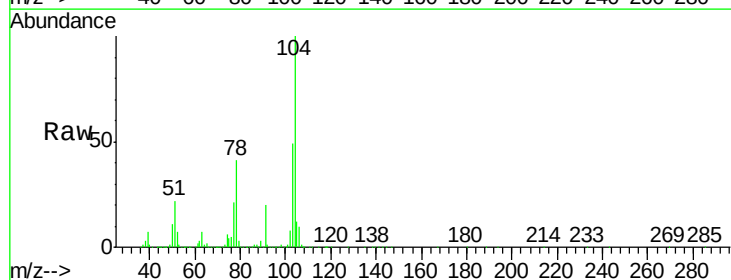
Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM

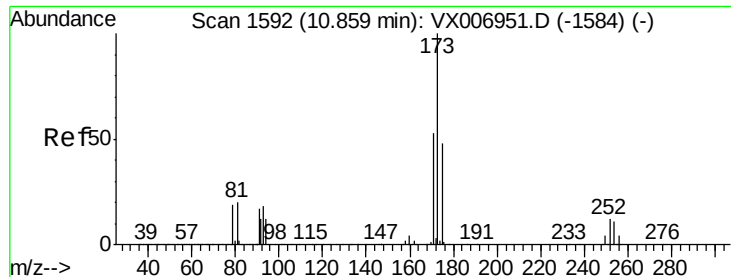


#70  
Styrene  
Concen: 18.718 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 279644 |       |       |
| 78      | 47.6 | 37.7  | 56.5   |       |       |
| 103     | 56.2 | 43.8  | 65.8   |       |       |







#71

Bromoform

Concen: 18.881 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS01

Tot Ion:173 Resp: 69960

Ion Ratio Lower Upper

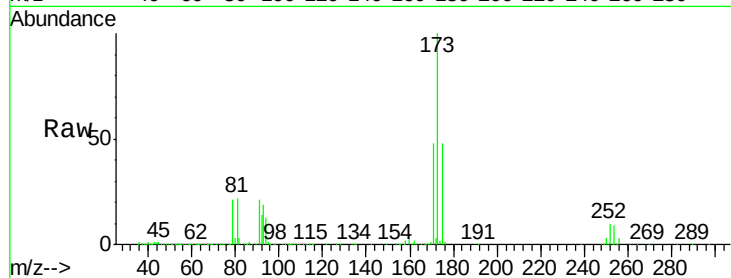
173 100

175 49.1 24.7 74.1

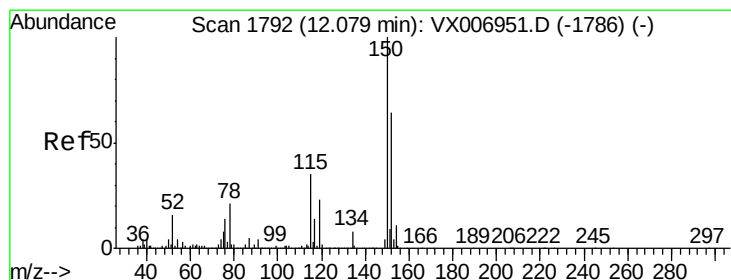
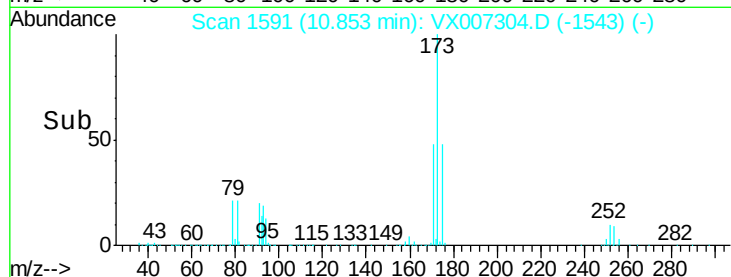
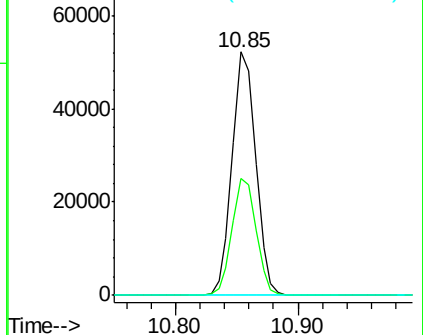
254 0.2 0.2 0.2

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

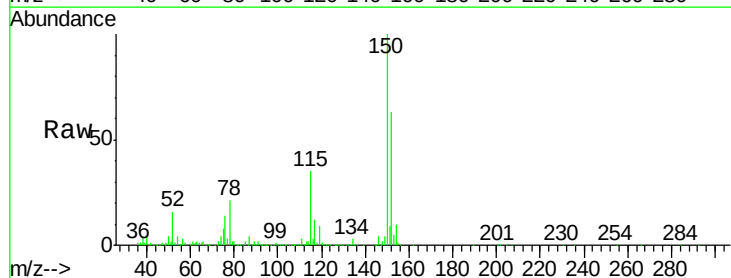
Tgt Ion:152 Resp: 365022

Ion Ratio Lower Upper

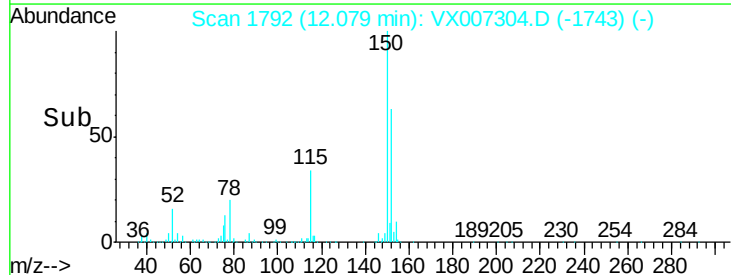
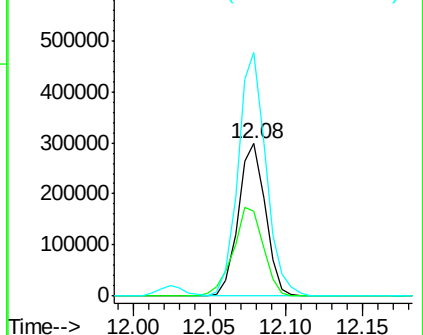
152 100

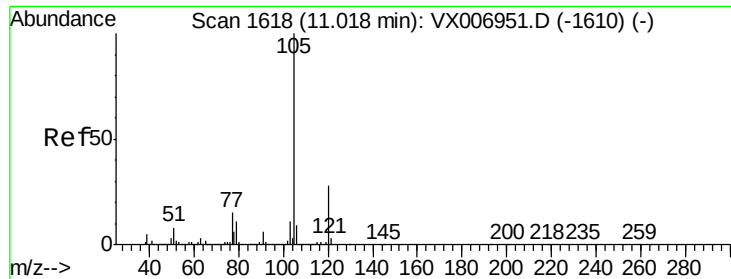
115 64.8 39.1 117.2

150 164.3 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.172 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampleId :

VX0131WBS01

Tot Ion: 105 Resp: 467730

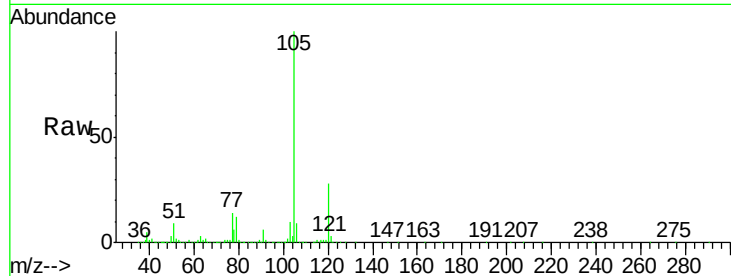
Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.4

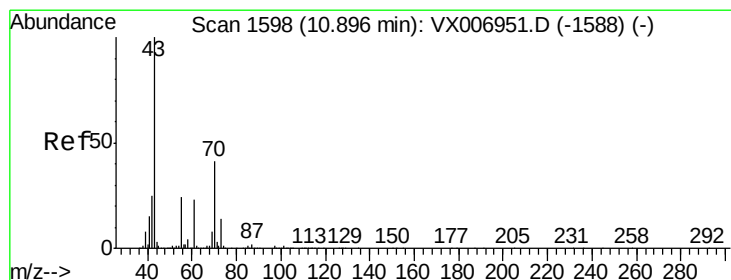
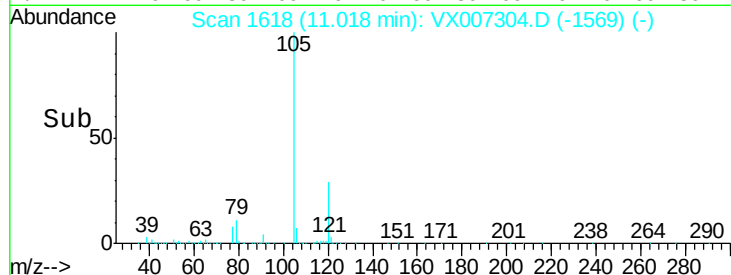
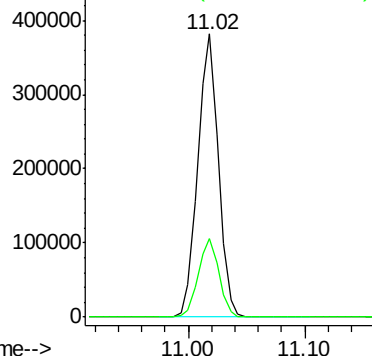
Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.596 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Tgt Ion: 43 Resp: 182345

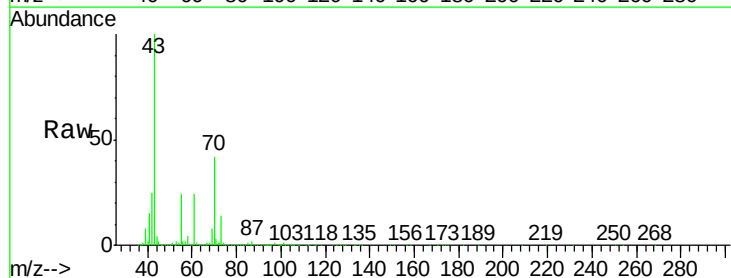
Ion Ratio Lower Upper

43 100

70 43.3 35.8 53.8

55 25.5 19.4 29.0

61 24.5 20.1 30.1

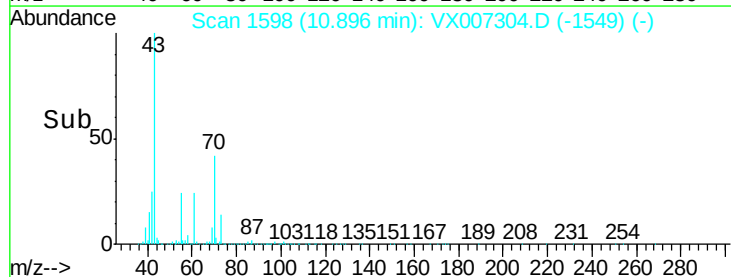
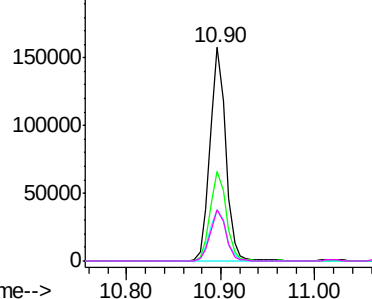


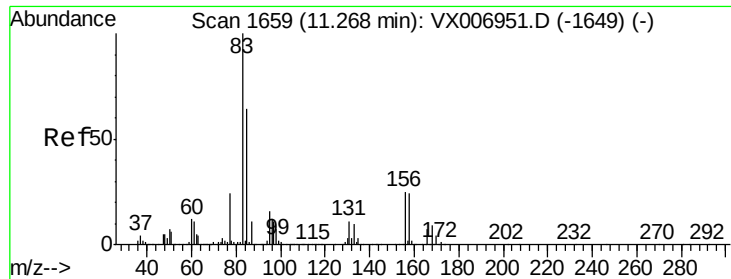
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.588 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampled :

VX0131WBS01

Tot Ion: 83 Resp: 143720

Ion Ratio Lower Upper

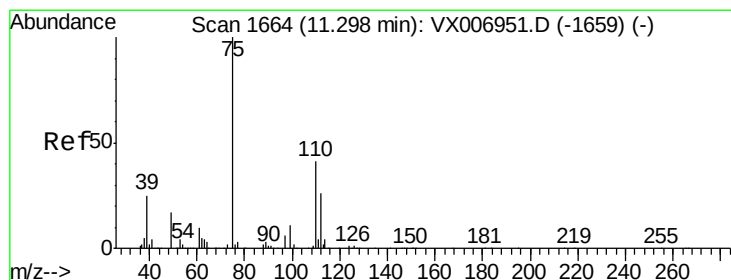
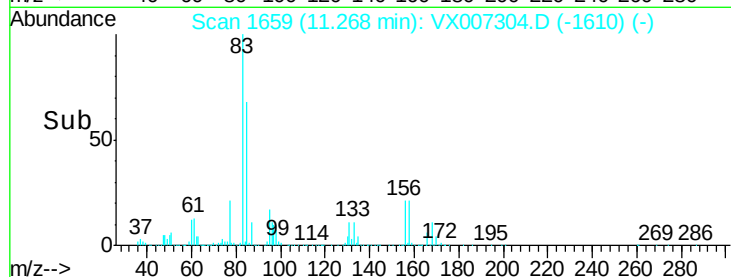
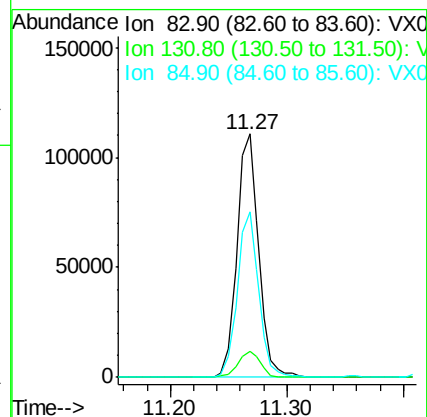
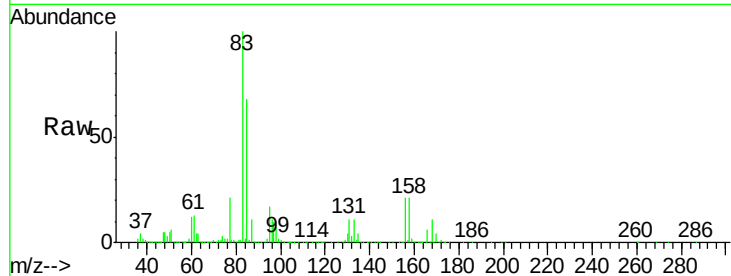
83 100

131 11.2 5.7 17.1

85 66.9 32.2 96.6

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#76

1,2,3-Trichloropropane

Concen: 18.996 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007304.D

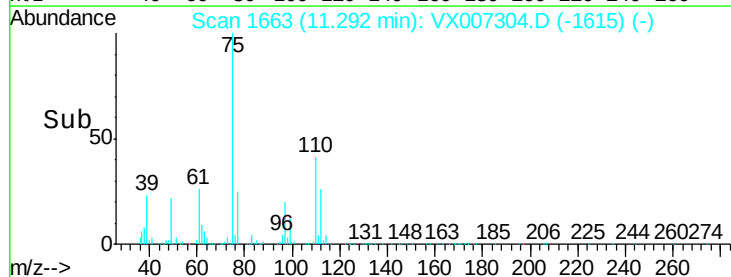
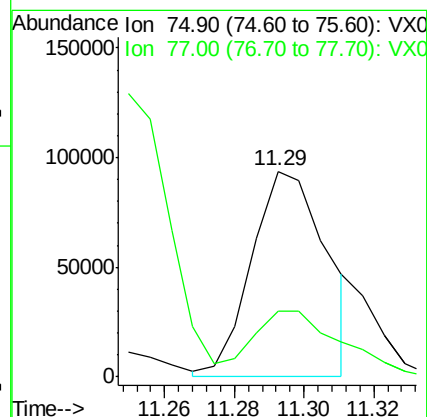
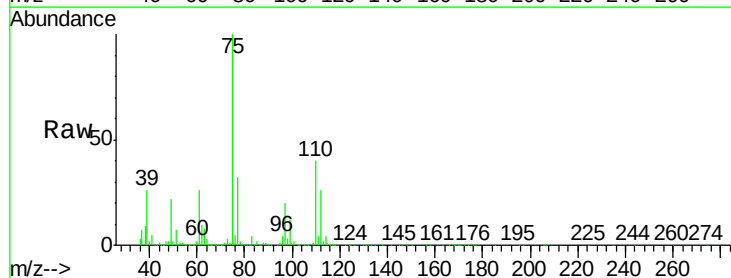
Acq: 30 Jan 2019 10:32

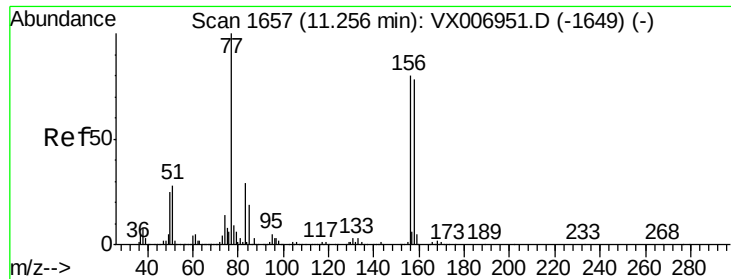
Tgt Ion: 75 Resp: 140512

Ion Ratio Lower Upper

75 100

77 37.9 18.5 55.5





#77

Bromobenzene

Concen: 17.703 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

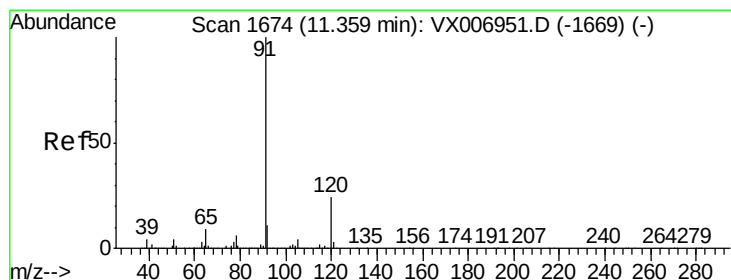
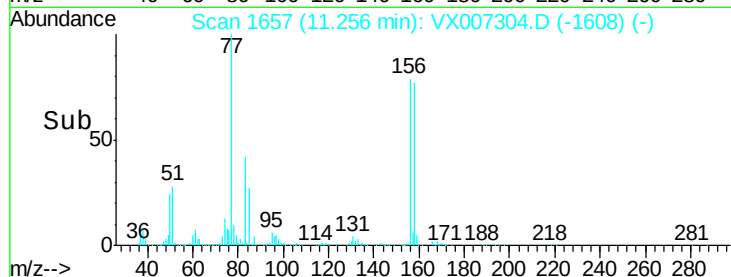
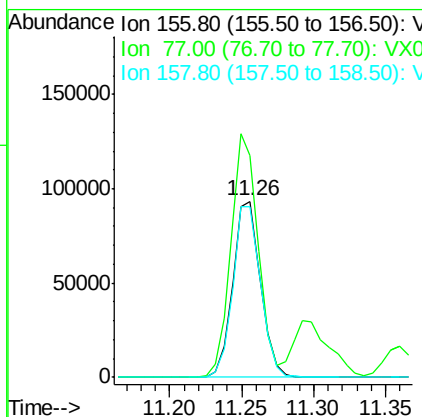
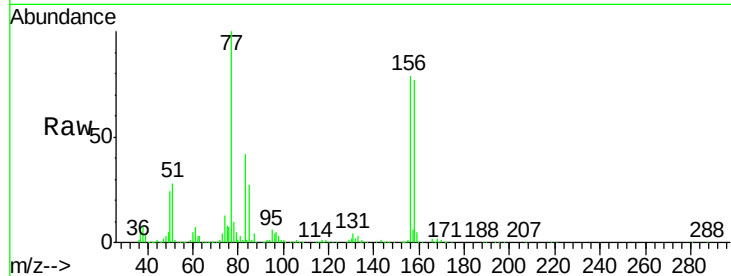
ClientSampled :

VX0131WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 125554 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 136.1 | 68.0  | 204.0  |
| 158       | 97.8  | 48.3  | 144.8  |

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#78

n-propylbenzene

Concen: 18.562 ug/l

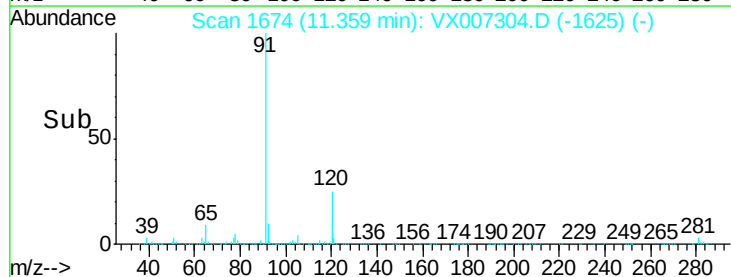
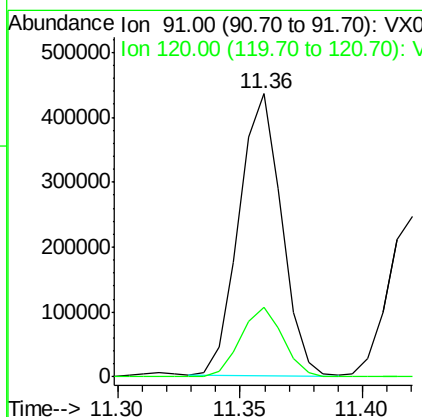
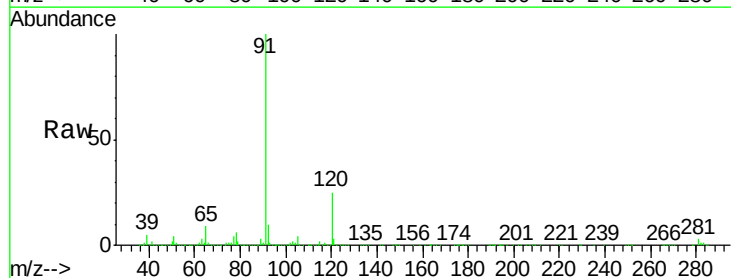
RT: 11.36 min Scan# 1674

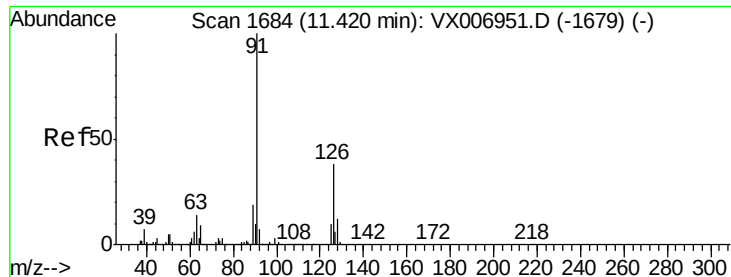
Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 524487 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 24.6  | 12.7  | 38.0   |





#79

2-Chlorotoluene

Concen: 18.031 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampled :

VX0131WBS01

Tot Ion: 91 Resp: 306698

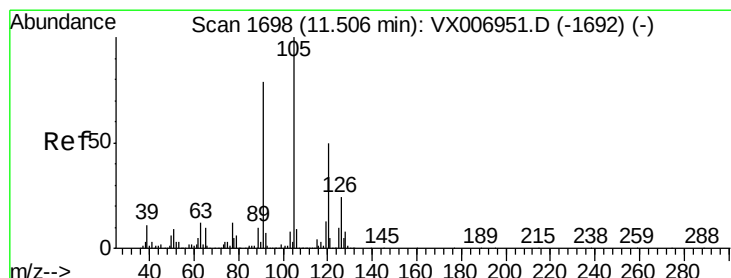
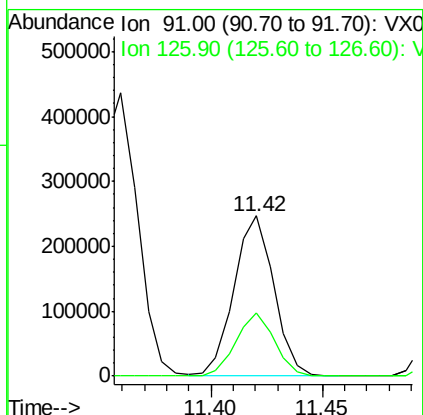
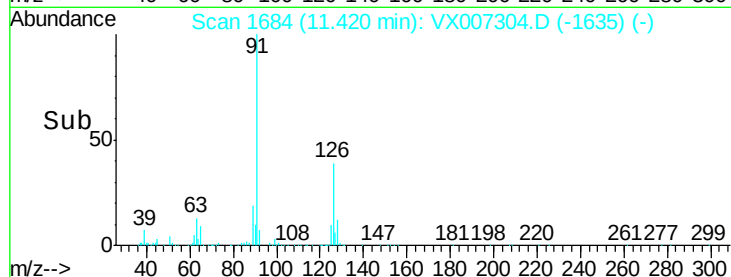
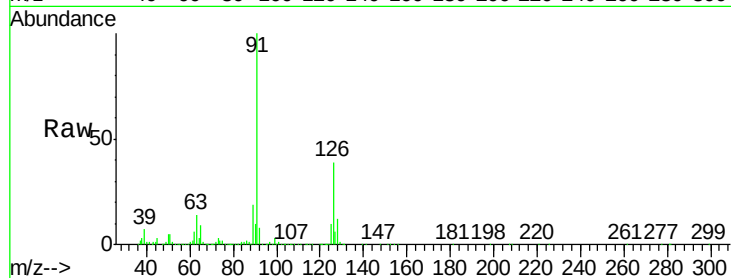
Ion Ratio Lower Upper

91 100

126 38.3 18.6 56.0

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#80

1,3,5-Trimethylbenzene

Concen: 17.647 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007304.D

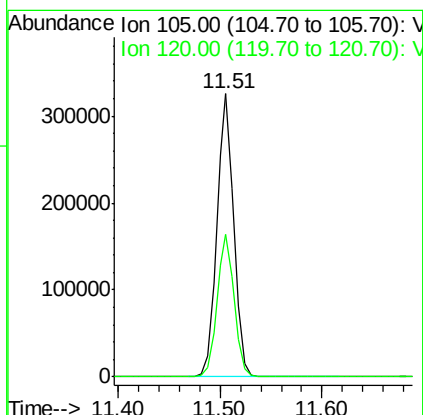
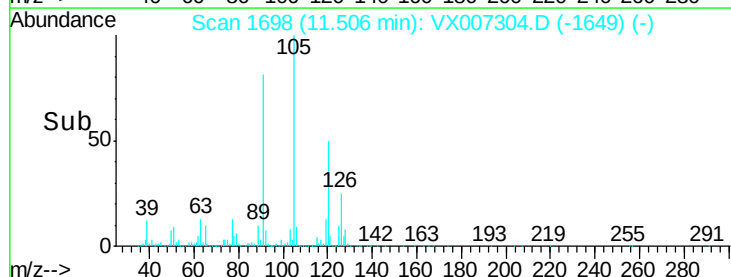
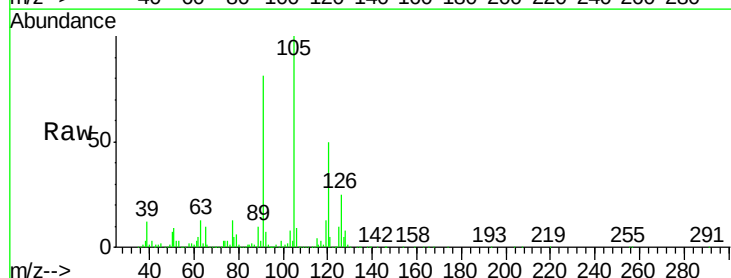
Acq: 30 Jan 2019 10:32

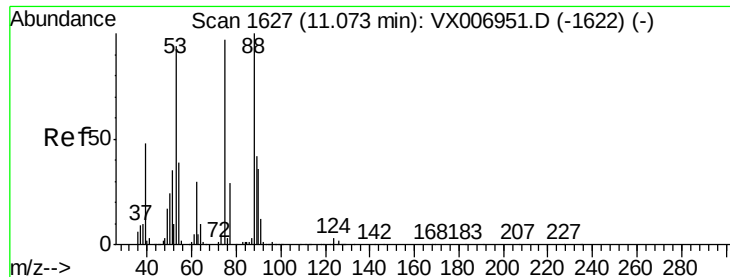
Tgt Ion: 105 Resp: 379536

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.3





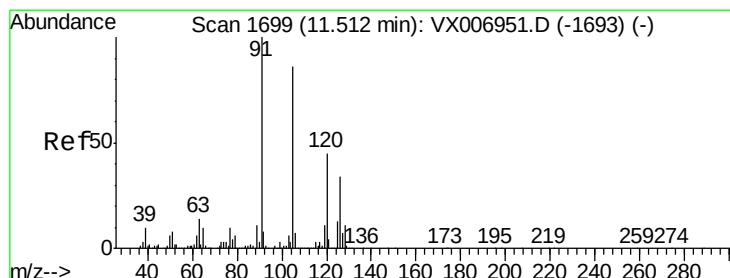
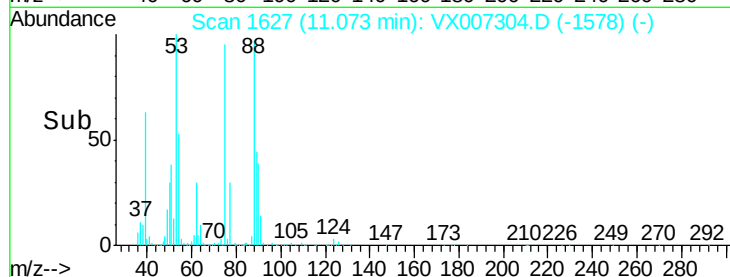
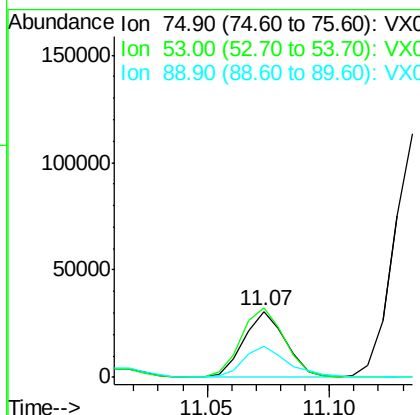
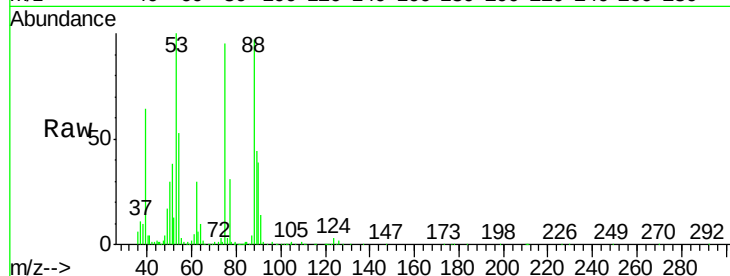
#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.502 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0131WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 110.5 | 79.7  | 119.5 |
| 89      | 51.8  | 38.0  | 57.0  |

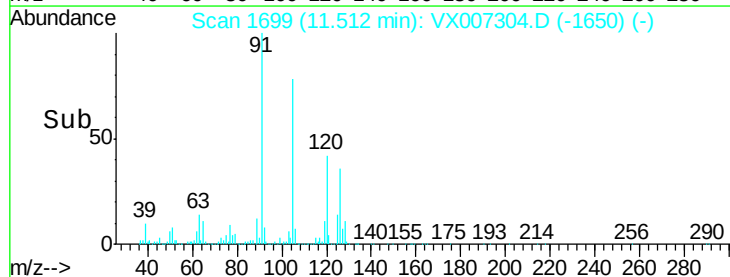
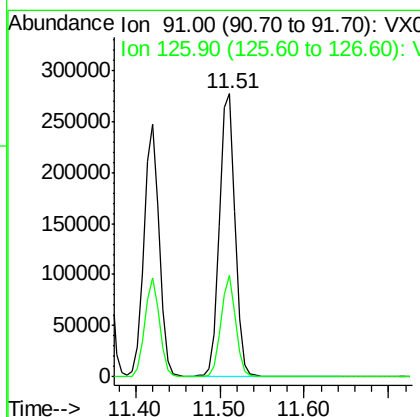
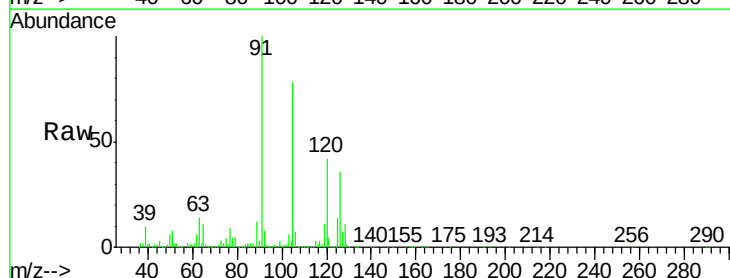
Manual Integrations  
APPROVED

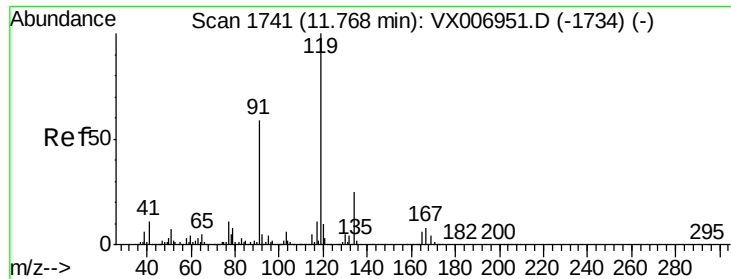
MMDadoda  
2/1/2019 10:44:20 AM



#82  
4-Chlorotoluene  
Concen: 18.148 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.7  | 16.3  | 48.9  |





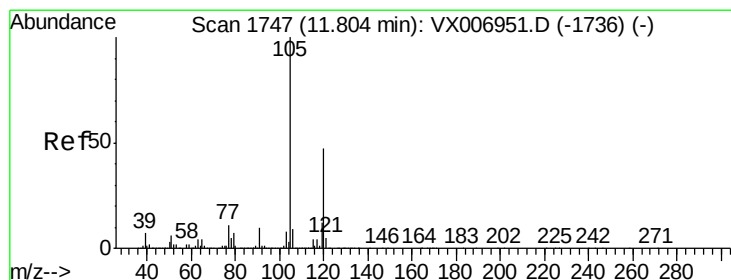
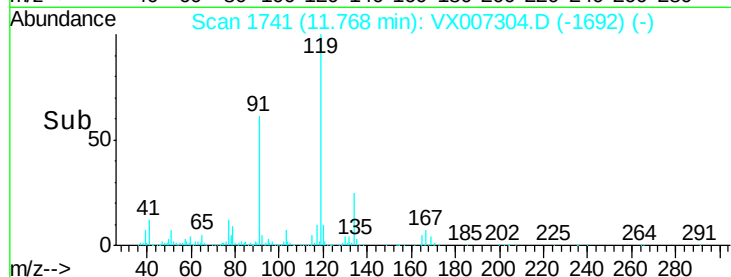
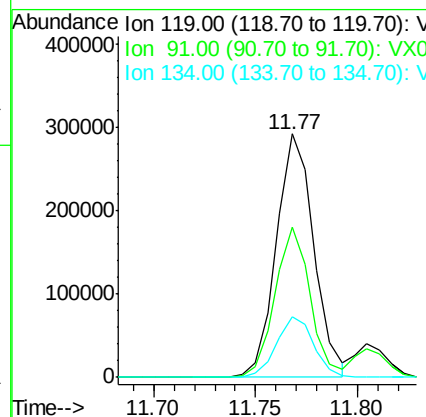
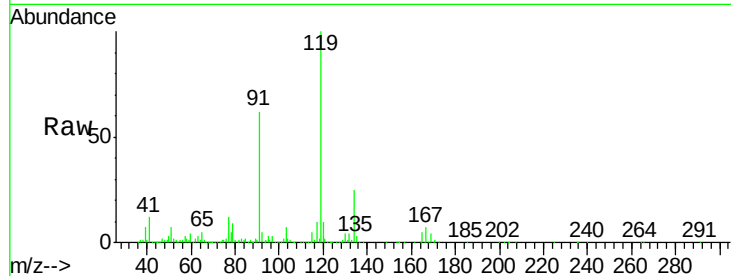
#83  
 tert-Butylbenzene  
 Concen: 17.517 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX007304.D  
 Acq: 30 Jan 2019 10:32

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0131WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 58.2  | 27.7  | 83.1  |
| 134     | 24.6  | 11.9  | 35.5  |

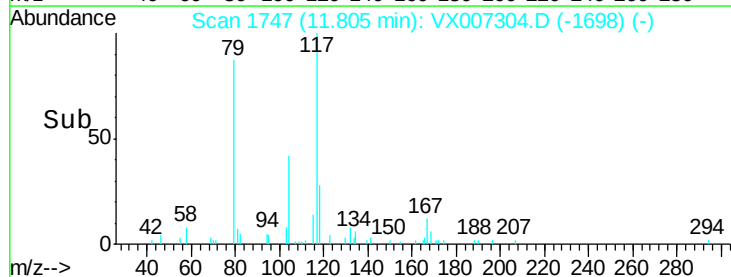
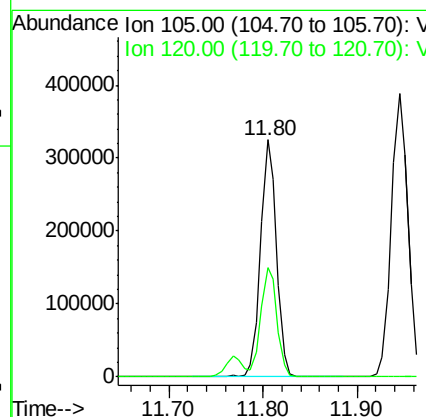
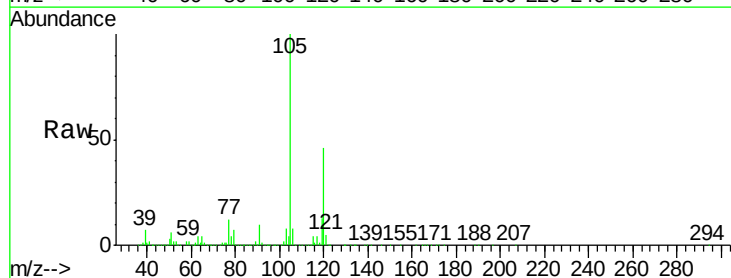
Manual Integrations  
 APPROVED

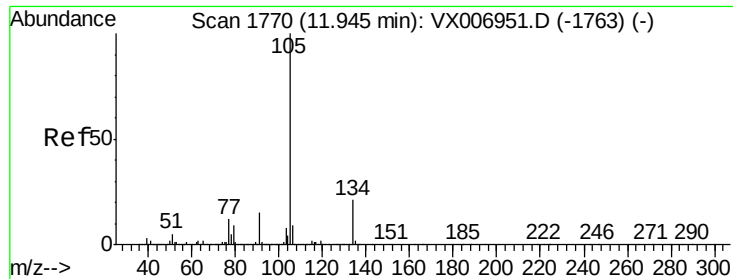
MMDadoda  
 2/1/2019 10:44:20 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 18.128 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX007304.D  
 Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.3  | 23.2  | 69.6  |





#85

sec-Butylbenzene

Concen: 18.613 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

ClientSampled :

VX0131WBS01

Tot Ion:105 Resp: 476998

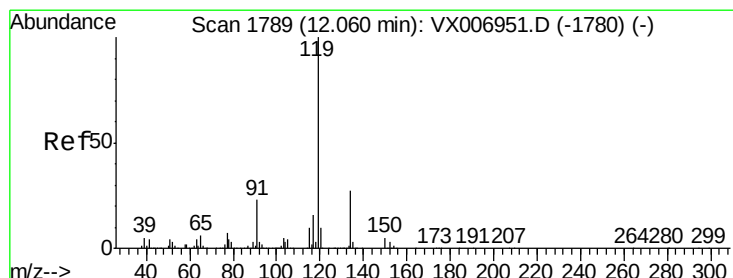
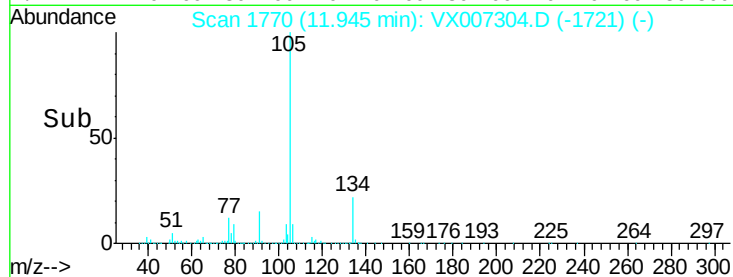
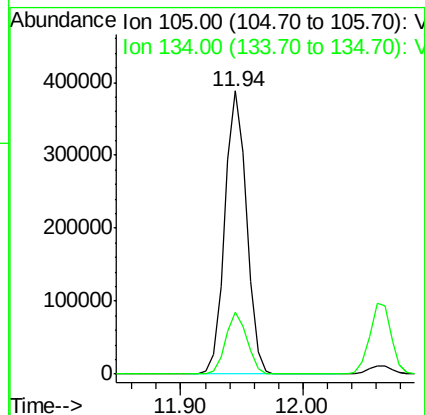
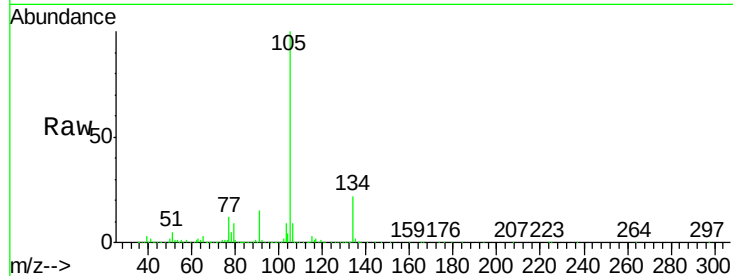
Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#86

p-Isopropyltoluene

Concen: 18.558 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

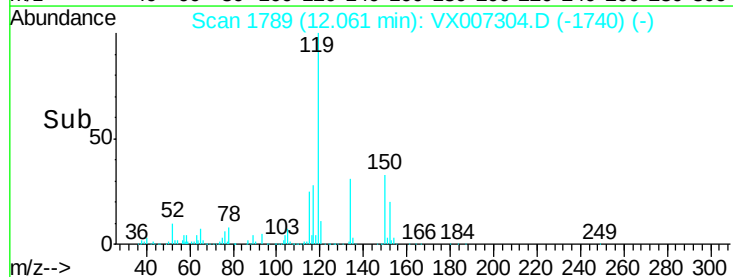
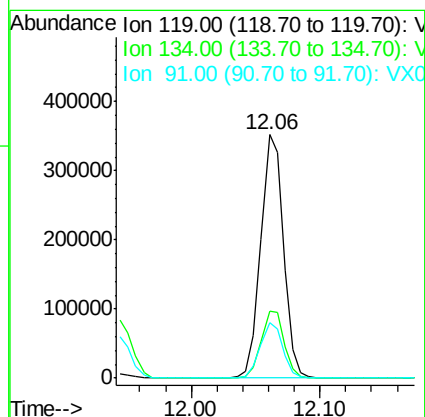
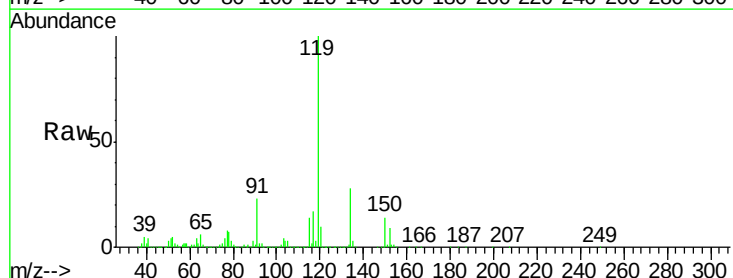
Tgt Ion:119 Resp: 425400

Ion Ratio Lower Upper

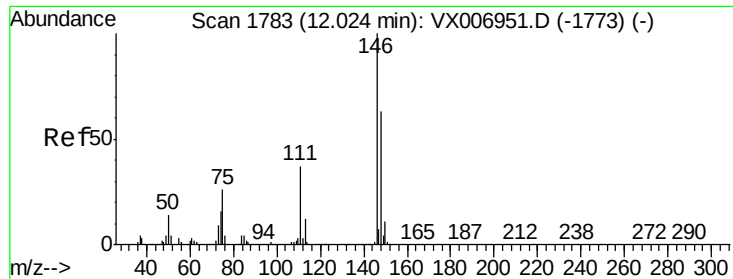
119 100

134 27.8 14.0 41.9

91 22.7 11.3 33.9







#87

1,3-Dichlorobenzene

Concen: 17.985 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

Instrument :

MSVOA\_X

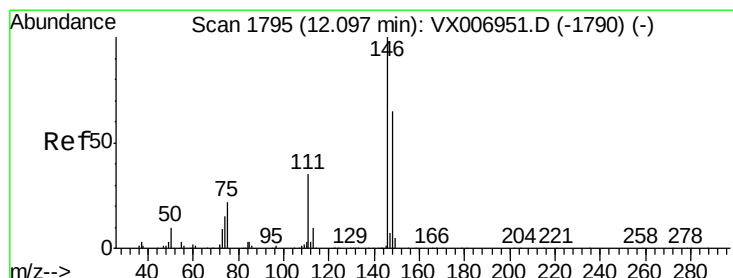
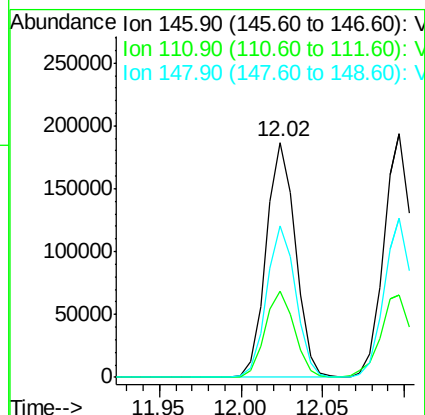
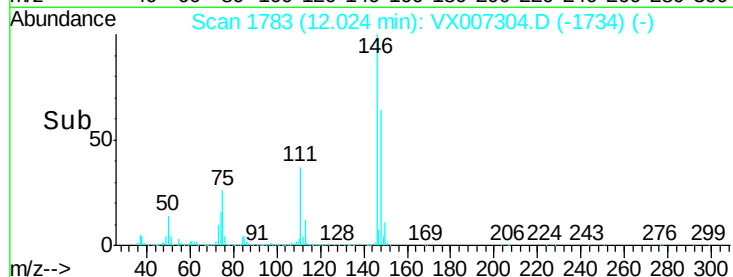
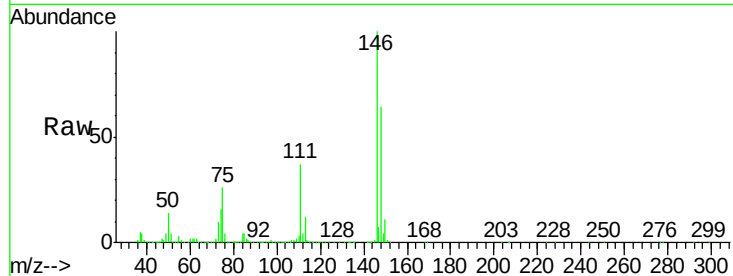
ClientSampled :

VX0131WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 230549 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 36.7  | 18.6  | 55.8   |
| 148       | 64.1  | 31.8  | 95.3   |

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#88

1,4-Dichlorobenzene

Concen: 19.460 ug/l

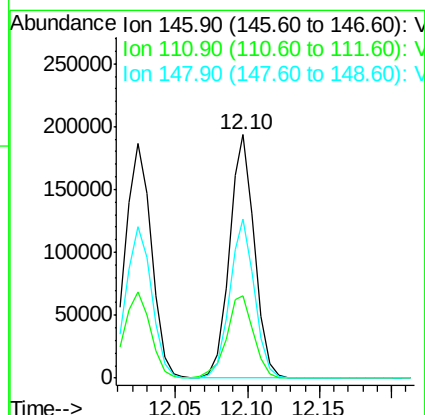
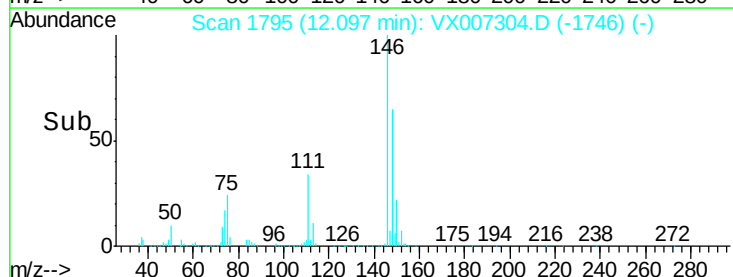
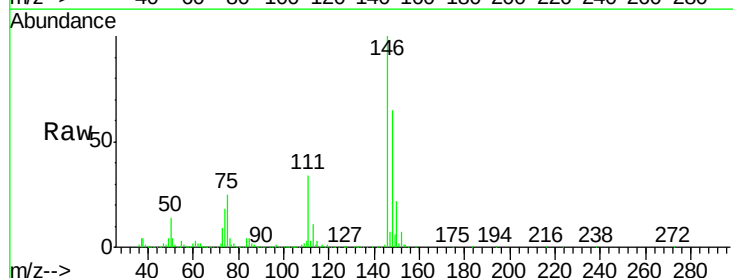
RT: 12.10 min Scan# 1795

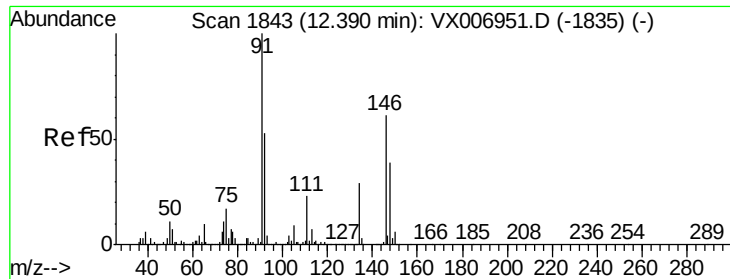
Delta R.T. 0.00 min

Lab File: VX007304.D

Acq: 30 Jan 2019 10:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 235274 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 36.7  | 18.1  | 54.1   |
| 148       | 64.7  | 31.9  | 95.9   |





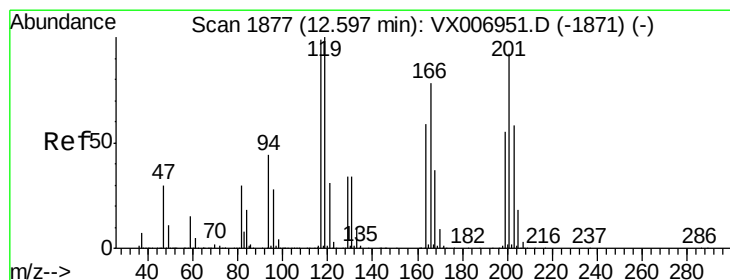
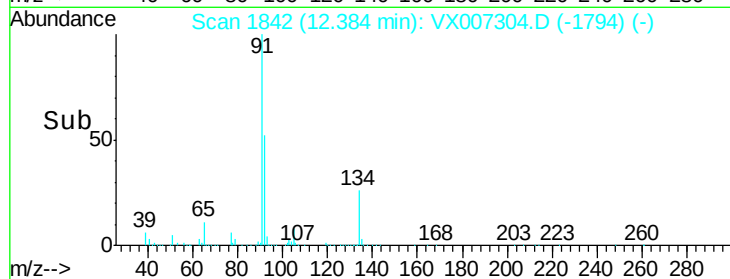
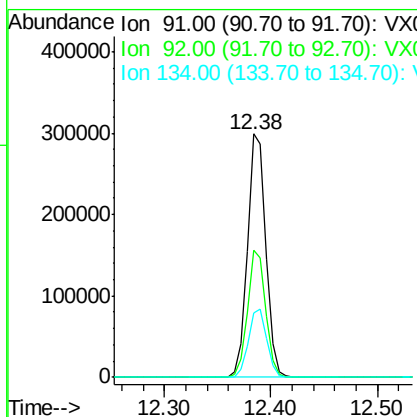
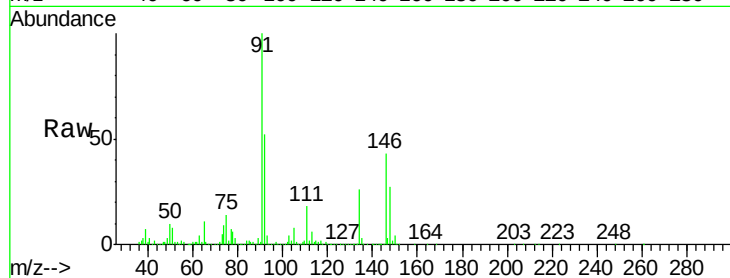
#89  
n-Butylbenzene  
Concen: 18.483 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.01 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0131WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.5  | 26.8  | 80.4  |
| 134     | 28.3  | 14.4  | 43.2  |

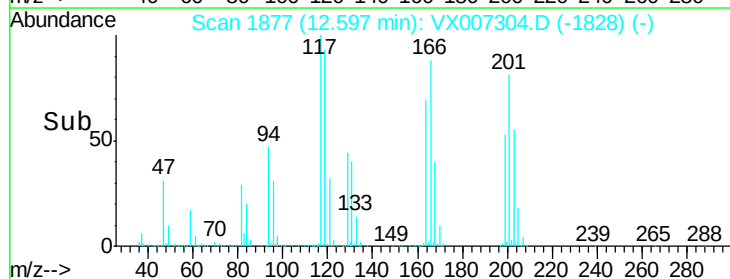
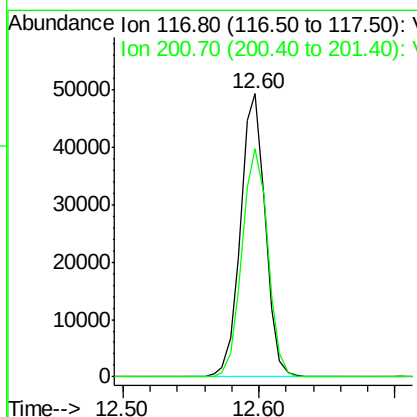
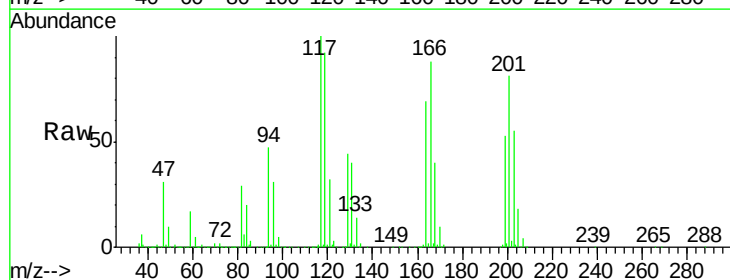
Manual Integrations  
APPROVED

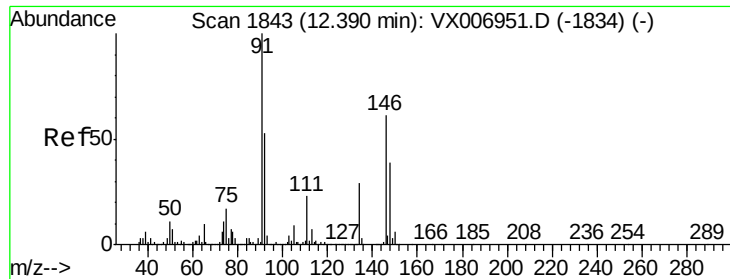
MMDadoda  
2/1/2019 10:44:20 AM



#90  
Hexachloroethane  
Concen: 18.980 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 84.2  | 42.9  | 128.7 |





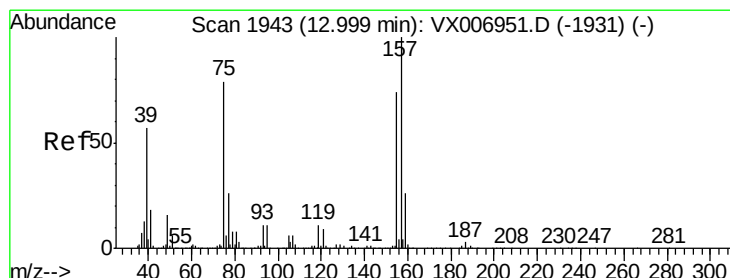
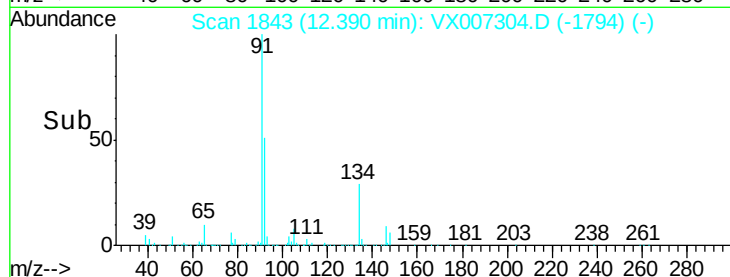
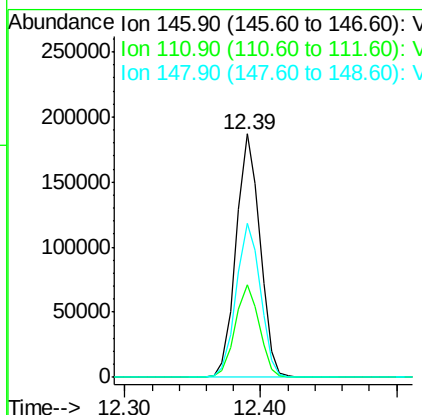
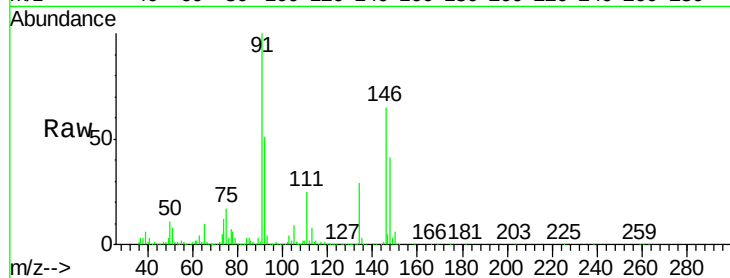
#91  
 1,2-Dichlorobenzene  
 Concen: 18.166 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX007304.D  
 Acq: 30 Jan 2019 10:32

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0131WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.3  | 19.4  | 58.2  |
| 148     | 64.1  | 32.3  | 96.9  |

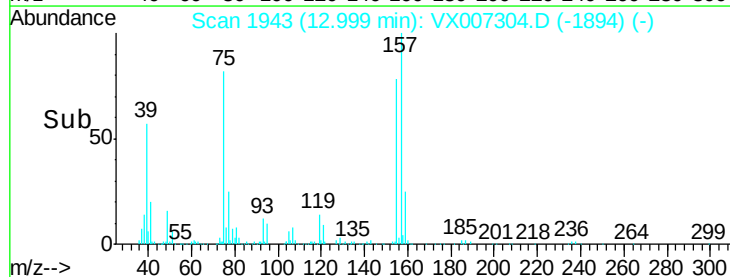
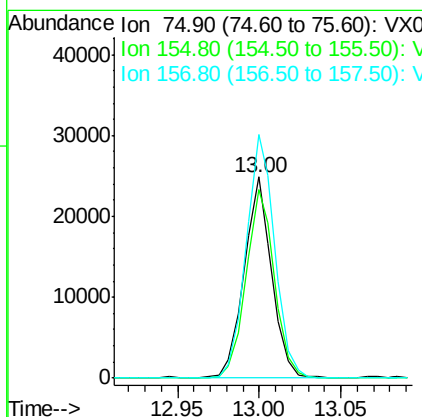
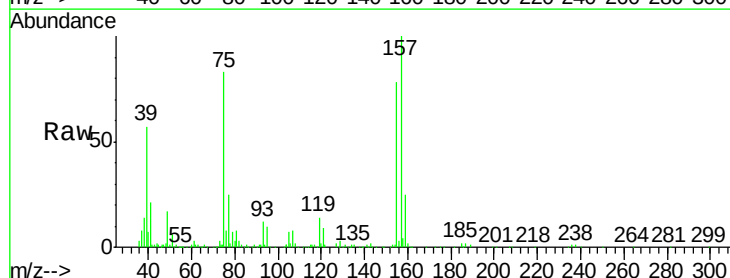
Manual Integrations  
 APPROVED

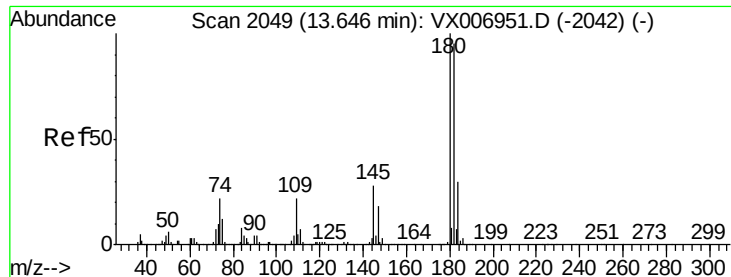
MMDadoda  
 2/1/2019 10:44:20 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.149 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX007304.D  
 Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 96.5  | 50.6  | 151.8 |
| 157     | 125.3 | 64.6  | 193.8 |





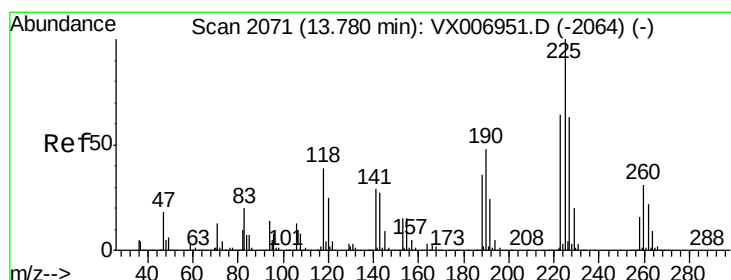
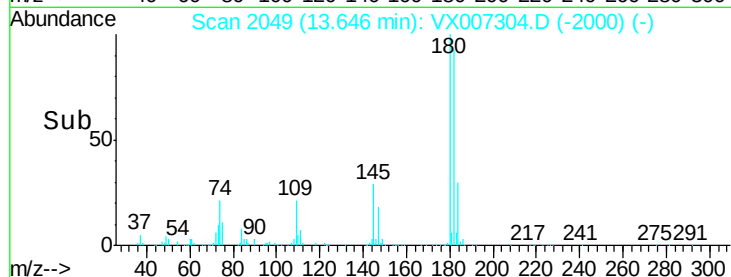
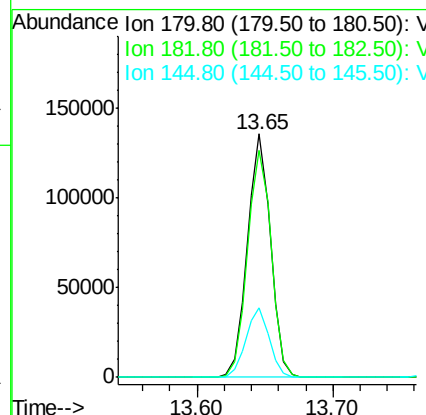
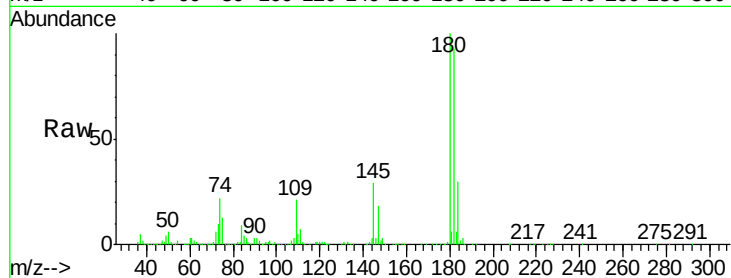
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.586 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX007304.D  
 Acq: 30 Jan 2019 10:32

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0131WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 161313 |       |       |
| 182     | 95.4  | 47.3   | 142.0 |       |
| 145     | 28.9  | 14.8   | 44.3  |       |

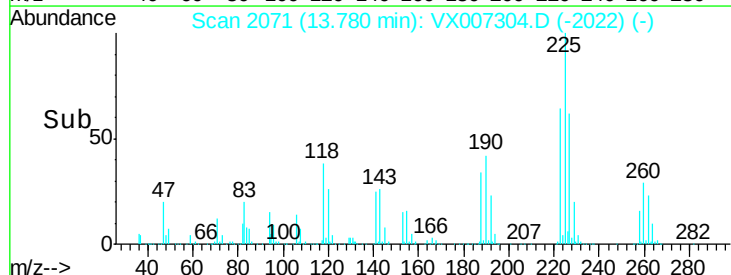
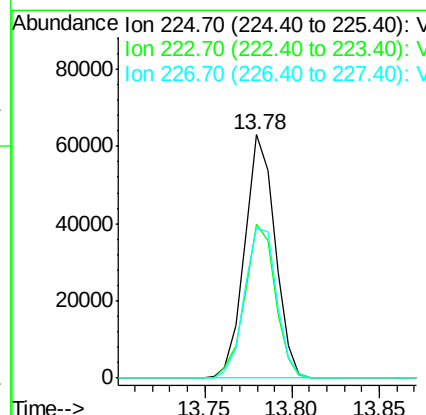
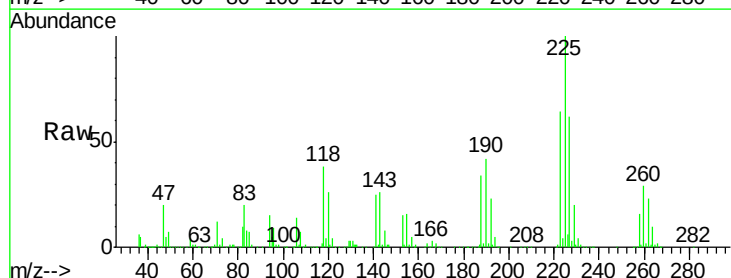
Manual Integrations  
 APPROVED

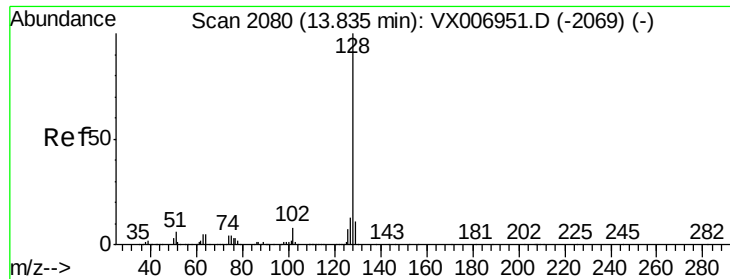
MMDadoda  
 2/1/2019 10:44:20 AM



#94  
 Hexachlorobutadiene  
 Concen: 19.784 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX007304.D  
 Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 76197 |       |       |
| 223     | 64.0  | 32.1  | 96.3  |       |
| 227     | 65.2  | 32.3  | 96.8  |       |





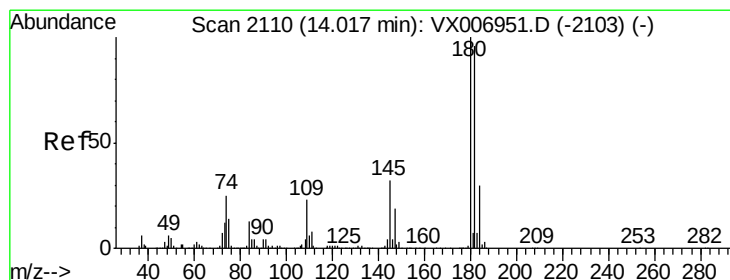
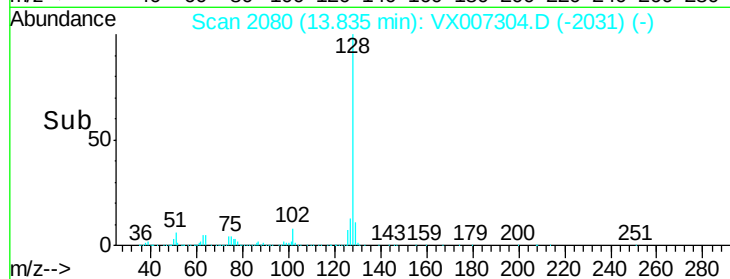
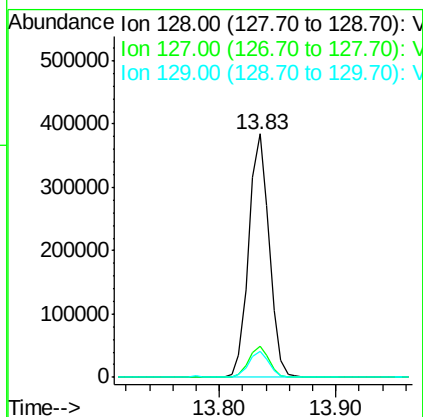
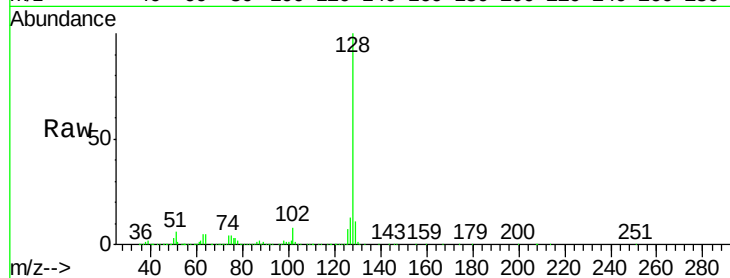
#95  
Naphthalene  
Concen: 18.009 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0131WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.7  | 10.1  | 15.1  |
| 129     | 10.7  | 8.6   | 13.0  |

Manual Integrations  
APPROVED

MMDadoda  
2/1/2019 10:44:20 AM



#96  
1,2,3-Trichlorobenzene  
Concen: 18.567 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. 0.00 min  
Lab File: VX007304.D  
Acq: 30 Jan 2019 10:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.1  | 48.5  | 145.5 |
| 145     | 31.2  | 16.0  | 47.9  |

