

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020320\  
 Data File : VX014789.D  
 Acq On : 03 Feb 2020 11:41  
 Operator : JC/SP  
 Sample : VX0203WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0203WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 2/4/2020 3:32:07 PM

Quant Time: Feb 03 13:02:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X012220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 22 12:35:15 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 402415   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 593612   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 543902   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 274599   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.05   | 65  | 238734   | 50.80 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.60% |      |
| 35) Dibromofluoromethane  | 5.48   | 113 | 189358   | 50.55 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.10% |      |
| 50) Toluene-d8            | 8.71   | 98  | 728530   | 50.59 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.18% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 254526   | 49.62 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.24%  |      |

## Target Compounds

|                               |      |     |        |         | Qvalue |     |
|-------------------------------|------|-----|--------|---------|--------|-----|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 88865  | 16.808  | ug/l   | 100 |
| 3) Chloromethane              | 1.32 | 50  | 88081  | 16.180  | ug/l   | 99  |
| 4) Vinyl Chloride             | 1.40 | 62  | 101279 | 17.206  | ug/l   | 97  |
| 5) Bromomethane               | 1.63 | 94  | 61501  | 15.382  | ug/l   | 99  |
| 6) Chloroethane               | 1.72 | 64  | 60350  | 17.007  | ug/l   | 99  |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 118679 | 17.316  | ug/l   | 97  |
| 8) Diethyl Ether              | 2.17 | 74  | 53415  | 17.855  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 71834  | 17.854  | ug/l   | 97  |
| 10) Methyl Iodide             | 2.50 | 142 | 87983  | 16.665  | ug/l   | 99  |
| 11) Tert butyl alcohol        | 3.02 | 59  | 90480  | 85.760  | ug/l   | 99  |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 67760  | 16.938  | ug/l   | 98  |
| 13) Acrolein                  | 2.28 | 56  | 65161  | 78.331  | ug/l   | 99  |
| 14) Allyl chloride            | 2.72 | 41  | 122980 | 17.103  | ug/l   | 97  |
| 15) Acrylonitrile             | 3.12 | 53  | 213860 | 87.608  | ug/l   | 99  |
| 16) Acetone                   | 2.43 | 43  | 262793 | 102.125 | ug/l   | 99  |
| 17) Carbon Disulfide          | 2.56 | 76  | 170134 | 15.561  | ug/l   | 100 |
| 18) Methyl Acetate            | 2.76 | 43  | 134523 | 18.298  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether   | 3.18 | 73  | 239289 | 18.262  | ug/l   | 98  |
| 20) Methylene Chloride        | 2.85 | 84  | 81857  | 17.176  | ug/l   | 97  |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 74188  | 16.843  | ug/l   | 97  |
| 22) Diisopropyl ether         | 3.84 | 45  | 261336 | 18.268  | ug/l   | 97  |
| 23) Vinyl Acetate             | 3.80 | 43  | 959030 | 87.943  | ug/l   | 100 |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 138026 | 17.766  | ug/l   | 99  |
| 25) 2-Butanone                | 4.65 | 43  | 326487 | 88.477  | ug/l   | 98  |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 110644 | 17.793  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 85479  | 17.340  | ug/l   | 99  |
| 28) Bromochloromethane        | 5.00 | 49  | 61476  | 18.007  | ug/l   | 96  |
| 29) Tetrahydrofuran           | 5.11 | 42  | 187674 | 85.691  | ug/l   | 99  |
| 30) Chloroform                | 5.19 | 83  | 138718 | 18.024  | ug/l   | 99  |
| 31) Cyclohexane               | 5.57 | 56  | 119063 | 16.294  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 115095 | 17.692  | ug/l   | 98  |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 98409  | 17.841  | ug/l   | 96  |
| 37) Ethyl Acetate             | 4.81 | 43  | 114530 | 18.129  | ug/l   | 99  |
| 38) Carbon Tetrachloride      | 5.77 | 117 | 97986  | 18.601  | ug/l   | 95  |

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 Sample : VX0203WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0203WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 2/4/2020 3:32:07 PM

Quant Time: Feb 03 13:02:38 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X012220W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 22 12:35:15 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.45  | 83   | 123512   | 17.874  | ug/l   | 97       |
| 40) Benzene                    | 6.13  | 78   | 308766   | 18.117  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.03  | 41   | 66057    | 18.166  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 112655   | 19.142  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.43  | 43   | 187540   | 18.128  | ug/l   | 98       |
| 44) Trichloroethene            | 7.20  | 130  | 85116    | 17.681  | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 7.50  | 63   | 82731    | 18.843  | ug/l   | 96       |
| 46) Dibromomethane             | 7.65  | 93   | 54748    | 19.253  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.89  | 83   | 105427   | 18.903  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.76  | 41   | 91499    | 18.511  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 37218    | 355.211 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 8.63  | 43   | 595140   | 91.148  | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 193920   | 18.510  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.03  | 75   | 113286   | 18.864  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 126660   | 19.172  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 82007    | 19.119  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 121842   | 17.942  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.36  | 76   | 138914   | 18.946  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.30  | 63   | 209174   | 96.970  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 463040   | 91.389  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.57  | 129  | 83708    | 18.697  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 87486    | 19.291  | ug/l   | 96       |
| 64) Tetrachloroethene          | 9.33  | 164  | 102602   | 19.057  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.13 | 112  | 209914   | 18.044  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 77690    | 18.112  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 362100   | 18.228  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 276904   | 36.795  | ug/l   | 100      |
| 69) o-Xylene                   | 10.69 | 106  | 133717   | 18.405  | ug/l   | 98       |
| 70) Styrene                    | 10.71 | 104  | 232137   | 19.048  | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 63578    | 18.638  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.01 | 105  | 360770   | 18.685  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.89 | 43   | 151903   | 17.953  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 119805   | 17.378  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 106228m  | 16.627  | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 96634    | 18.630  | ug/l   | 97       |
| 78) n-propylbenzene            | 11.35 | 91   | 405106   | 18.484  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 245655   | 18.525  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 301831   | 18.835  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 38273    | 17.048  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 280536   | 18.583  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 275960   | 18.326  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 302129   | 18.797  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 350337   | 18.991  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 320100   | 18.776  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 169260   | 18.157  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 168929   | 18.091  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 264723   | 17.829  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.59 | 117  | 55143    | 17.414  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 169406   | 18.297  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 24849    | 16.777  | ug/l   | 99       |

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Data File : VX014789.D  
Acq On : 03 Feb 2020 11:41  
Operator : JC/SP  
Sample : VX0203WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

Manual Integrations  
APPROVED

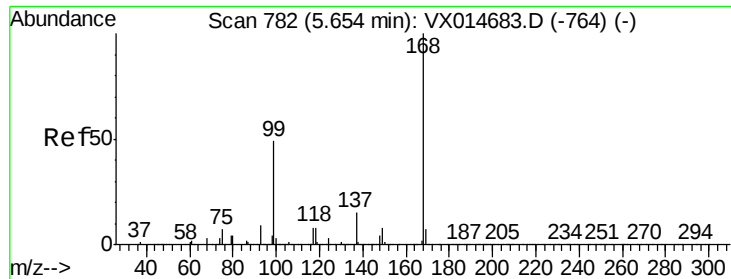
MMDadoda  
2/4/2020 3:32:07 PM

Quant Time: Feb 03 13:02:38 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X012220W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 22 12:35:15 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 108561   | 18.187 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 57106    | 18.588 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 311250   | 16.800 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 109961   | 18.218 | ug/l  | 97       |

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





#1

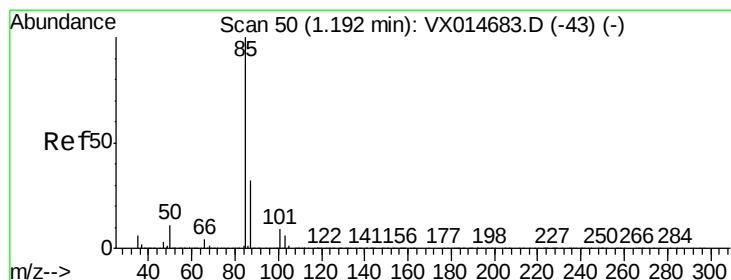
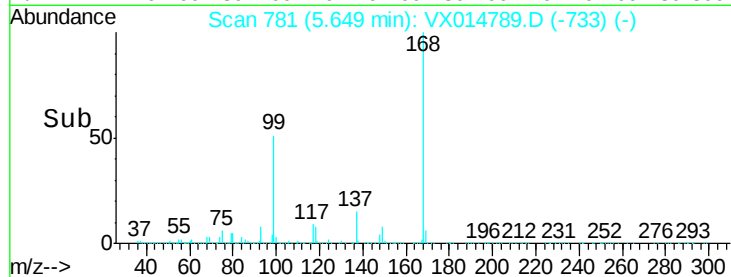
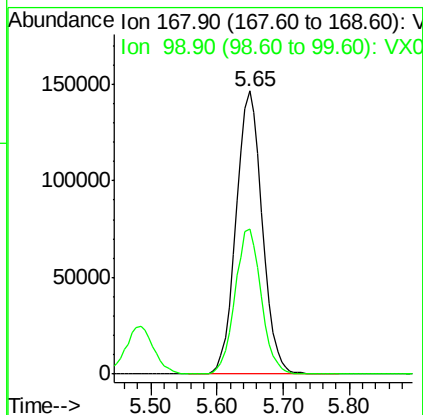
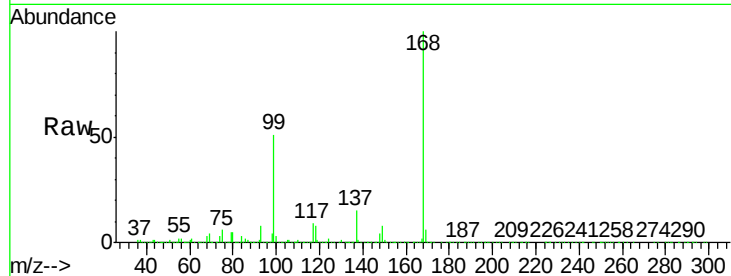
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.65 min Scan# 781  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 402415 |       |       |
| 99      | 51.2  | 39.8   | 59.6  |       |

Manual Integrations  
APPROVED

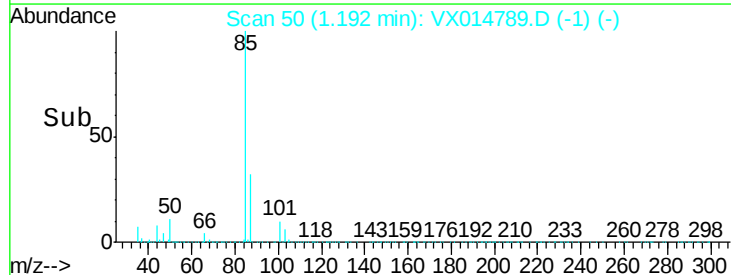
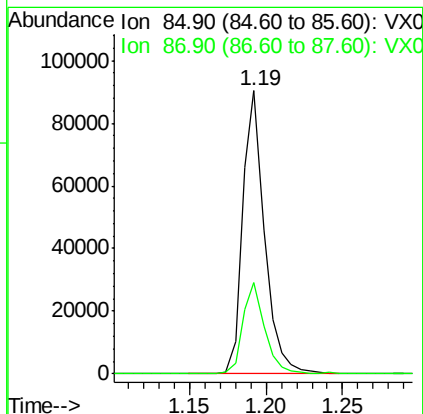
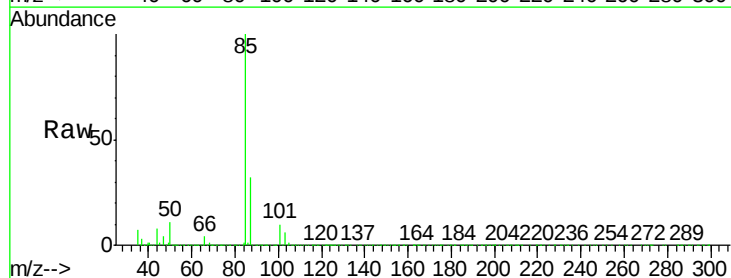
MMDadoda  
2/4/2020 3:32:07 PM

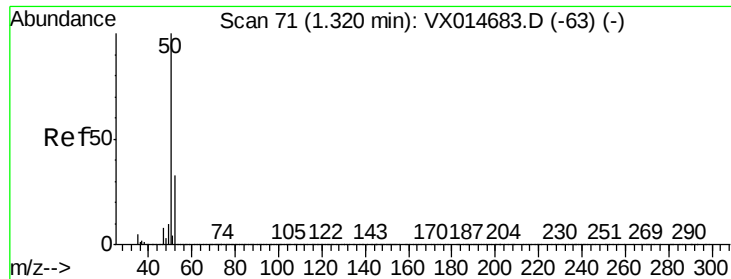


#2

Dichlorodifluoromethane  
Concen: 16.808 ug/l  
RT: 1.19 min Scan# 50  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 85      | 100   | 88865 |       |       |
| 87      | 32.1  | 16.2  | 48.5  |       |





#3

Chloromethane

Concen: 16.180 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBSD01

Tot Ion: 50 Resp: 88081

Ion Ratio Lower Upper

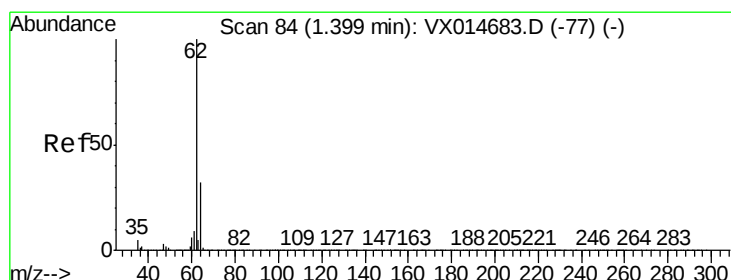
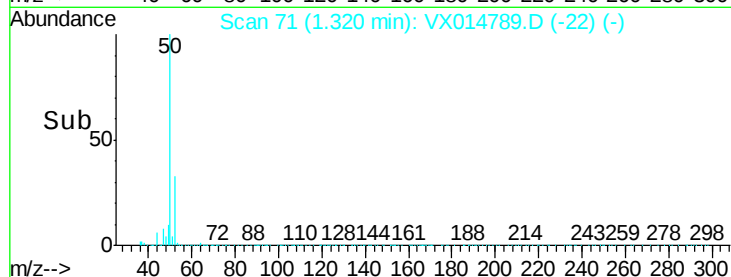
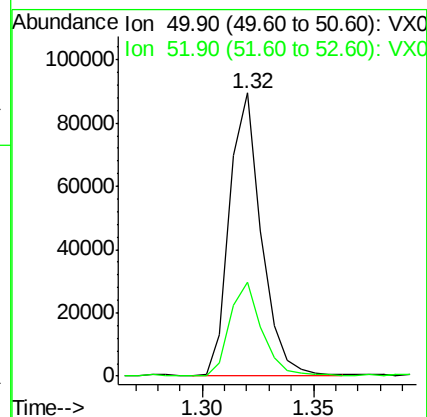
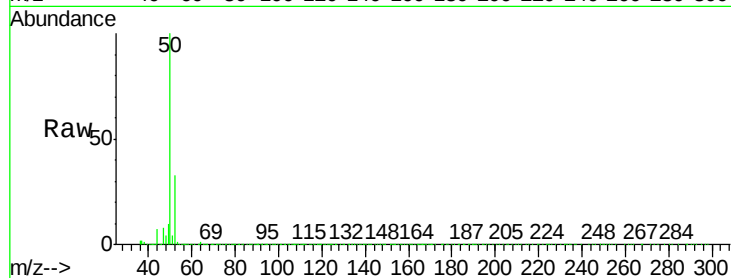
50 100

52 33.4 26.2 39.2

Manual Integrations  
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2/4/2020 3:32:07 PM



#4

Vinyl Chloride

Concen: 17.206 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014789.D

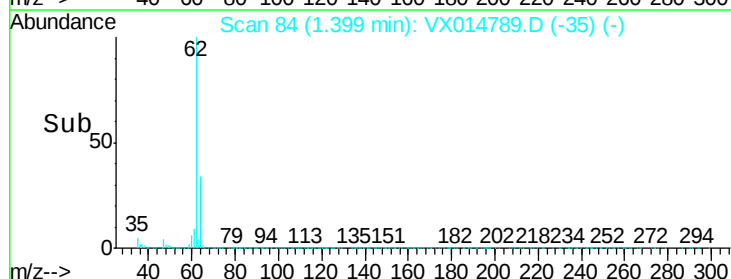
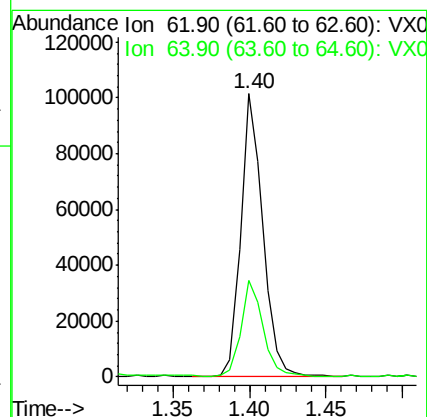
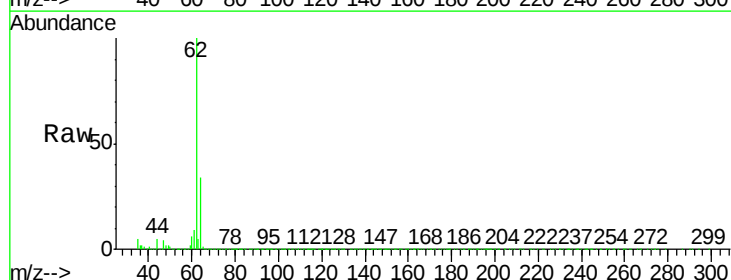
Acq: 03 Feb 2020 11:41

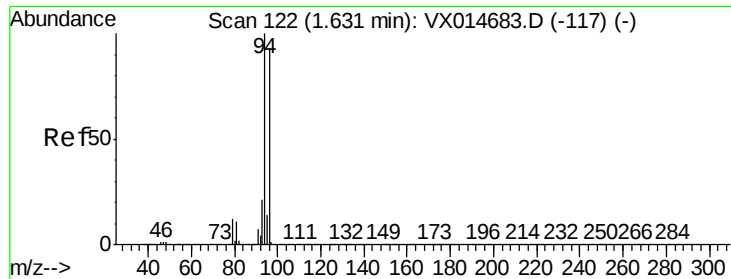
Tgt Ion: 62 Resp: 101279

Ion Ratio Lower Upper

62 100

64 33.6 25.4 38.2





#5

Bromomethane

Concen: 15.382 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBSD01

Tot Ion: 94 Resp: 61501

Ion Ratio Lower Upper

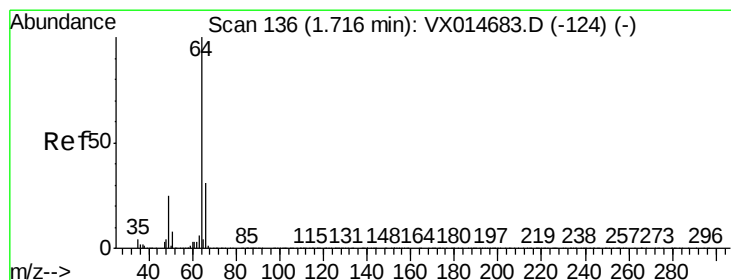
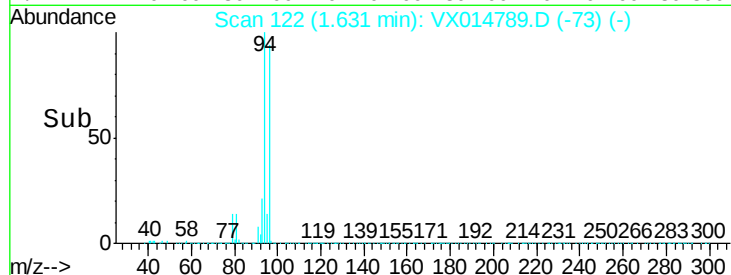
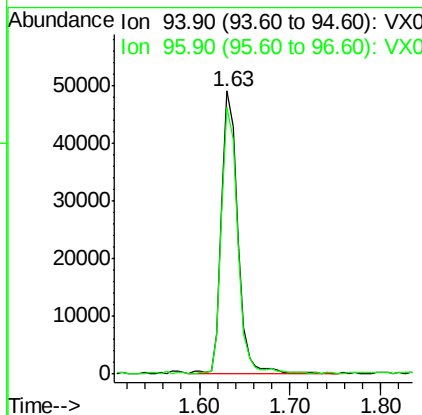
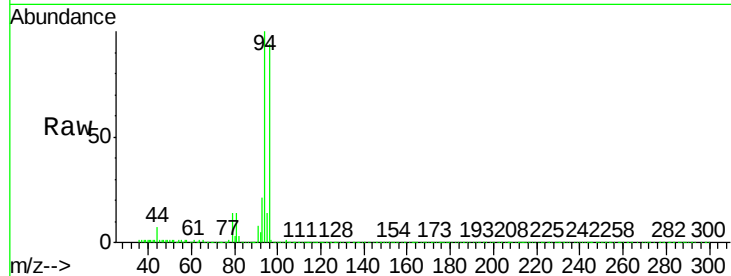
94 100

96 94.0 74.7 112.1

Manual Integrations  
APPROVED

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2/4/2020 3:32:07 PM



#6

Chloroethane

Concen: 17.007 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014789.D

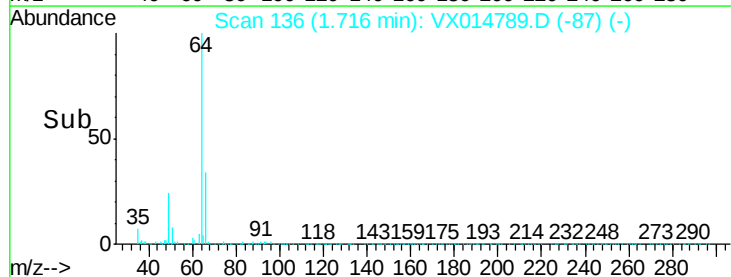
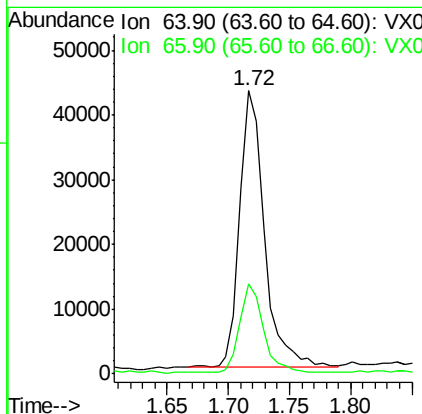
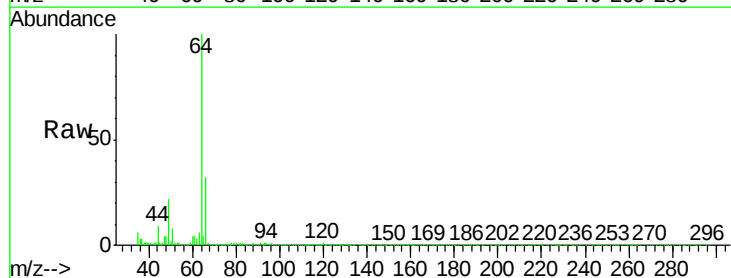
Acq: 03 Feb 2020 11:41

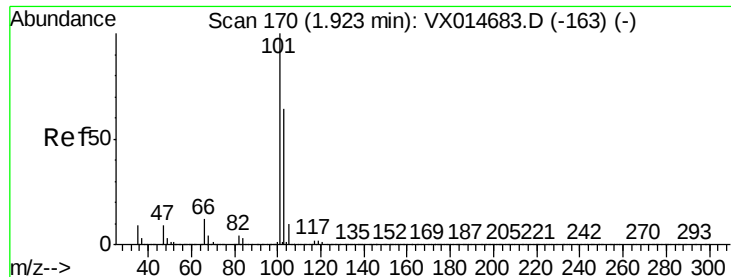
Tgt Ion: 64 Resp: 60350

Ion Ratio Lower Upper

64 100

66 31.9 25.2 37.8





#7

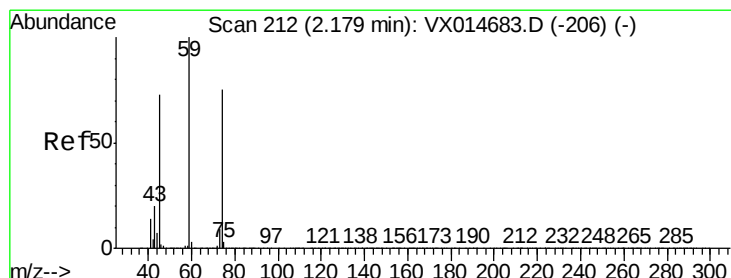
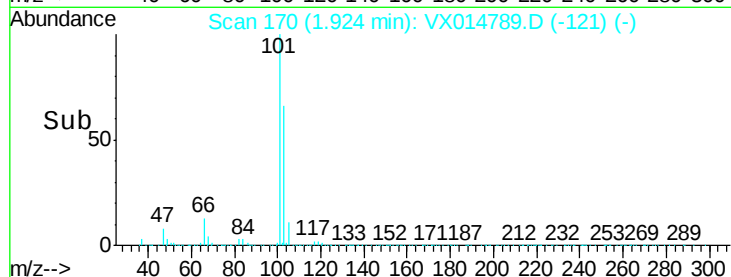
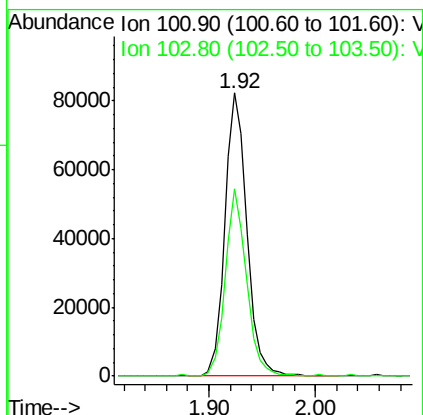
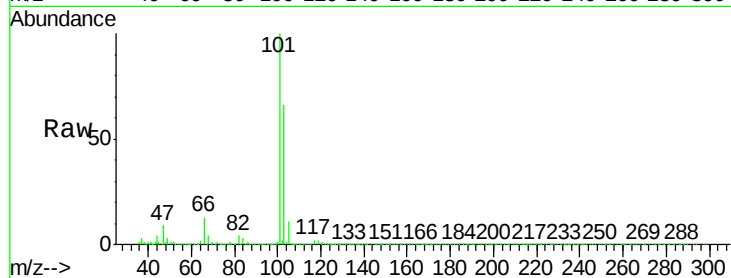
Trichlorofluoromethane  
Concen: 17.316 ug/l  
RT: 1.92 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 118679 |       |       |
| 103     | 65.9  | 51.0   | 76.6  |       |

Manual Integrations  
APPROVED

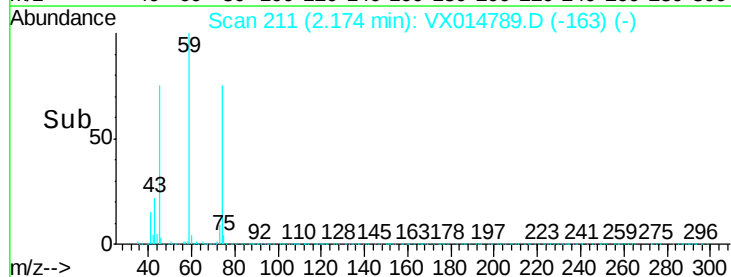
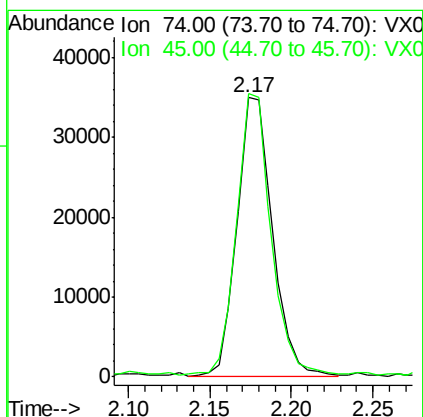
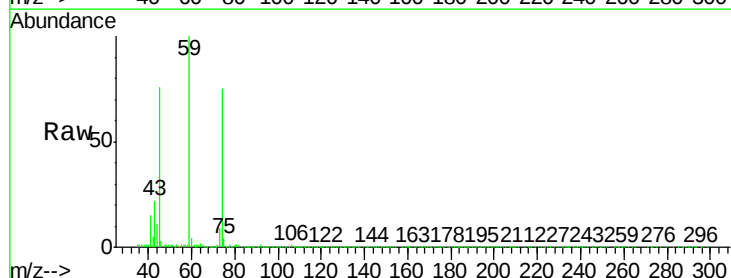
MMDadoda  
2/4/2020 3:32:07 PM

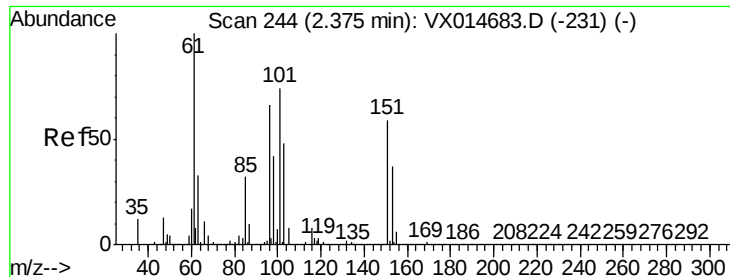


#8

Diethyl Ether  
Concen: 17.855 ug/l  
RT: 2.17 min Scan# 211  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 53415 |       |       |
| 45      | 96.9  | 49.4  | 148.0 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.854 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

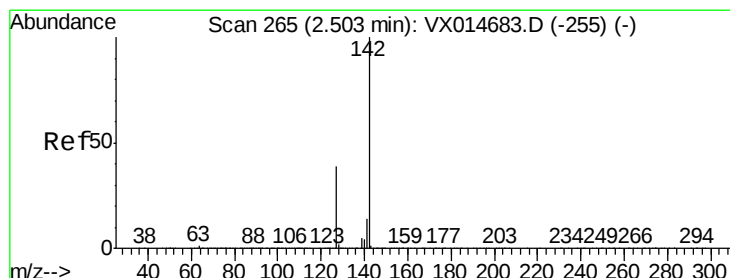
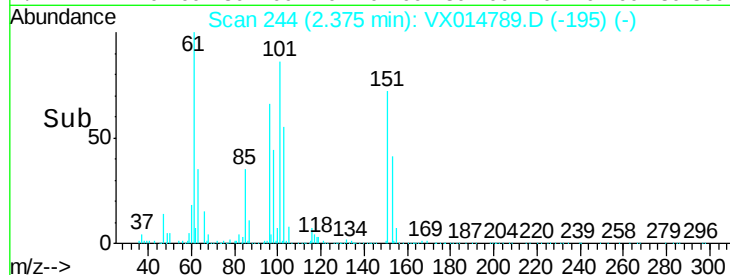
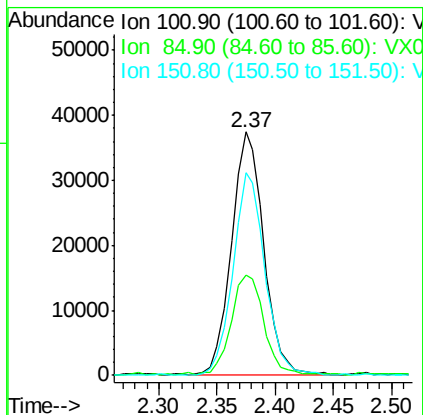
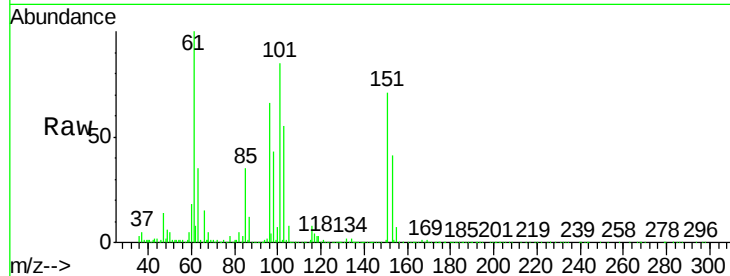
ClientSampleId :

VX0203WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 71834 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 40.8  | 34.7  | 52.1  |
| 151       | 82.7  | 64.7  | 97.1  |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:07 PM



#10

Methyl Iodide

Concen: 16.665 ug/l

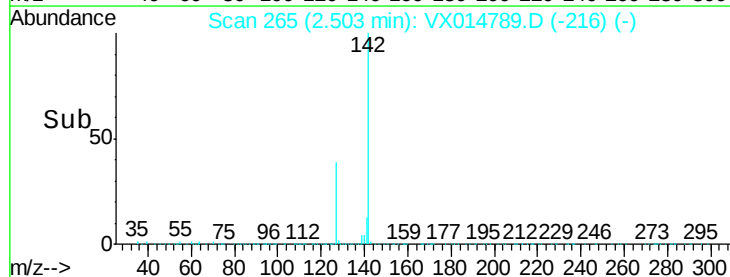
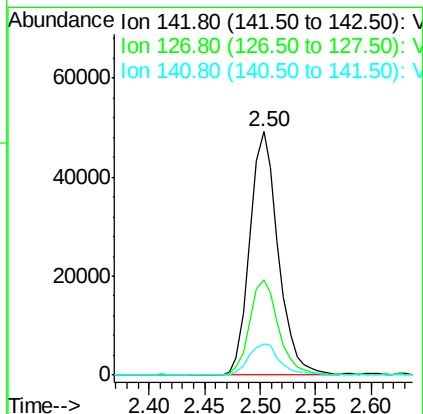
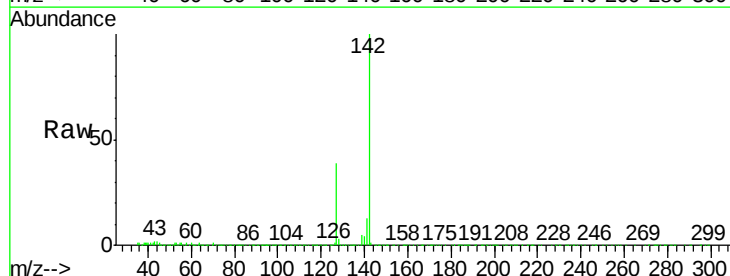
RT: 2.50 min Scan# 265

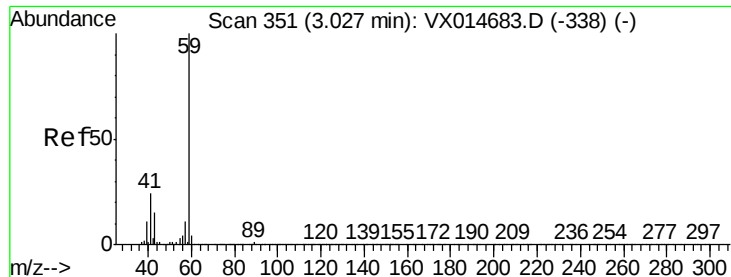
Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 87983 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 39.3  | 31.1  | 46.7  |
| 141       | 13.8  | 11.3  | 16.9  |





#11

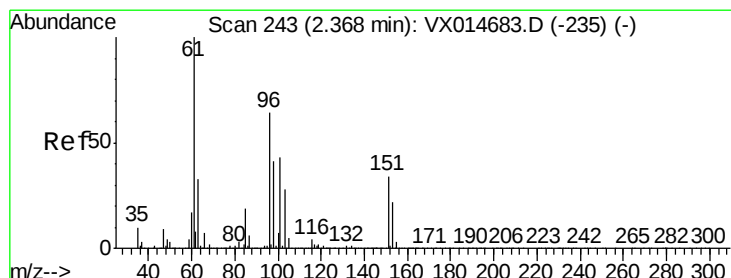
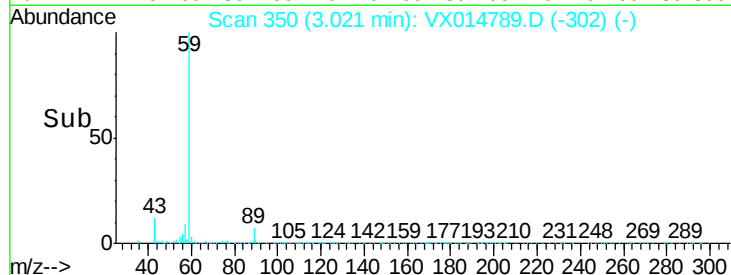
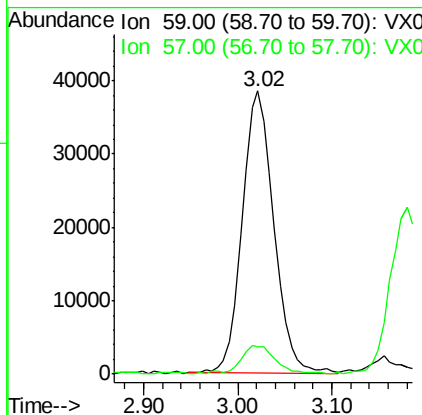
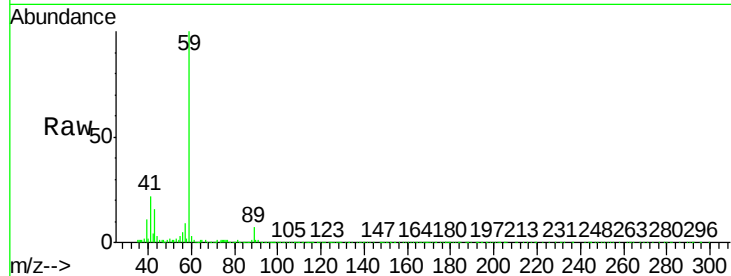
Tert butyl alcohol  
Concen: 85.760 ug/l  
RT: 3.02 min Scan# 350  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.9   | 8.3   | 12.5  |

Manual Integrations  
APPROVED

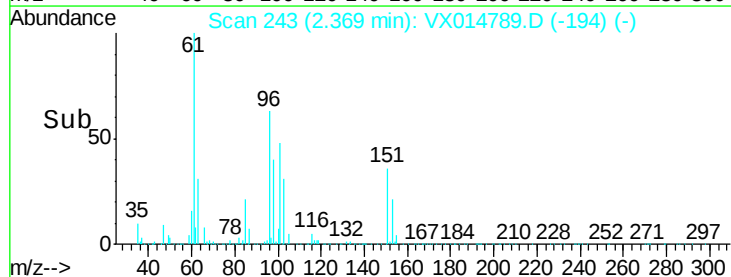
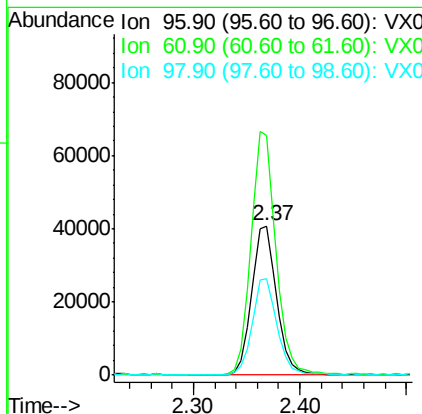
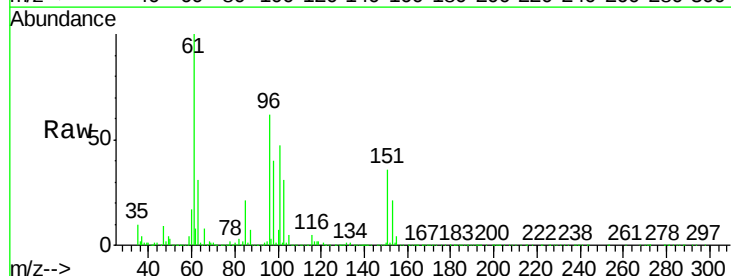
MMDadoda  
2/4/2020 3:32:07 PM

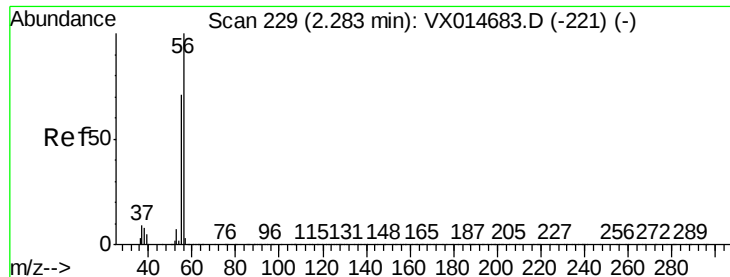


#12

1,1-Dichloroethene  
Concen: 16.938 ug/l  
RT: 2.37 min Scan# 243  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 160.4 | 125.8 | 188.8 |
| 98      | 64.9  | 51.5  | 77.3  |





#13

Acrolein

Concen: 78.331 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBSD01

Tot Ion: 56 Resp: 65161

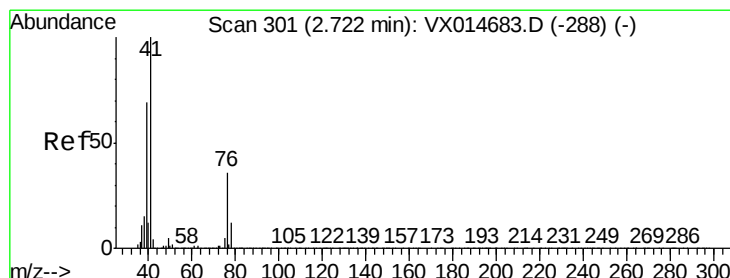
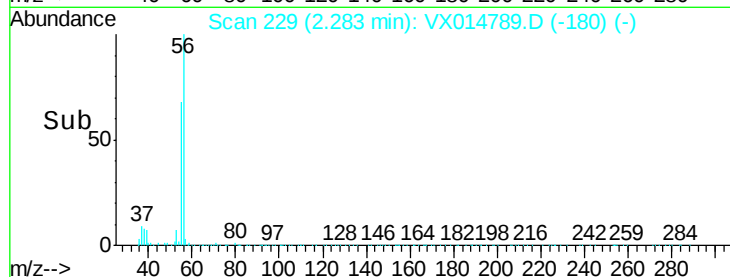
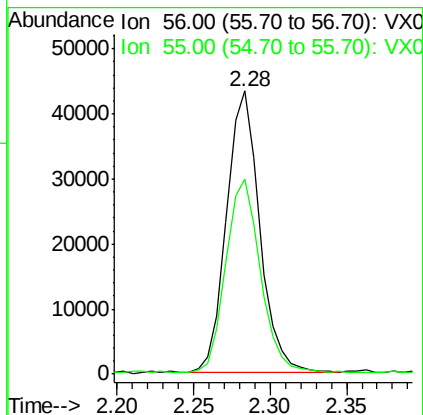
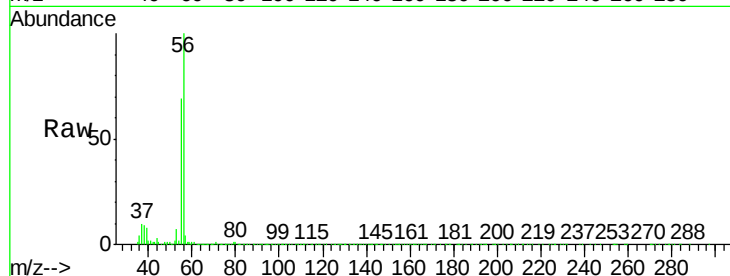
Ion Ratio Lower Upper

56 100

55 71.8 56.6 84.8

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:07 PM



#14

Allyl chloride

Concen: 17.103 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

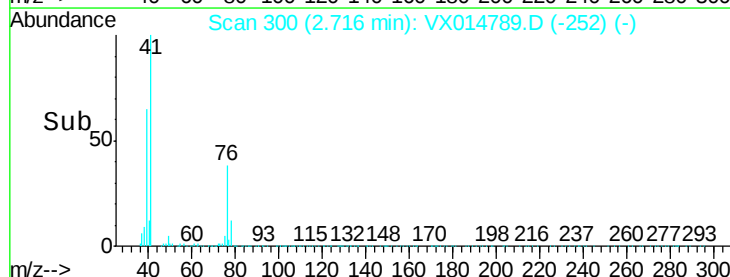
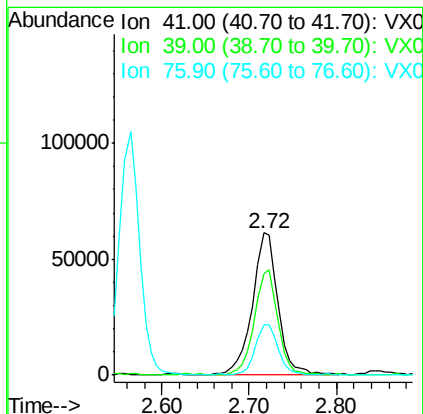
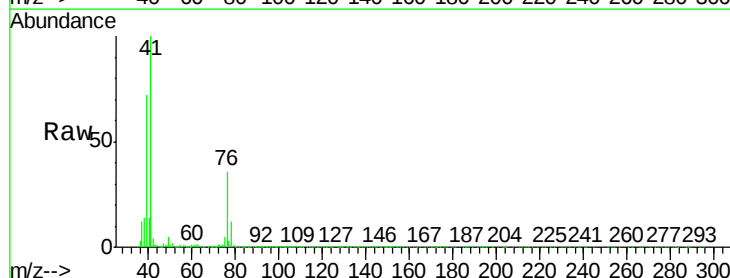
Tgt Ion: 41 Resp: 122980

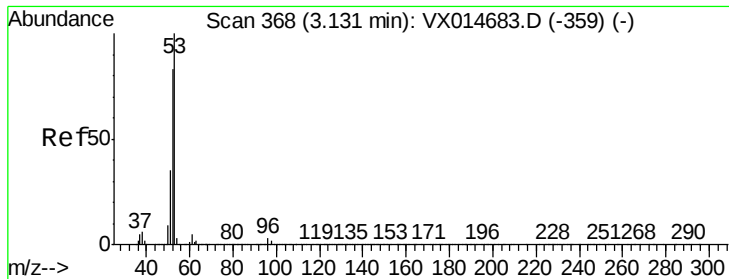
Ion Ratio Lower Upper

41 100

39 67.4 52.0 78.0

76 31.5 26.0 39.0





#15

Acrylonitrile

Concen: 87.608 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

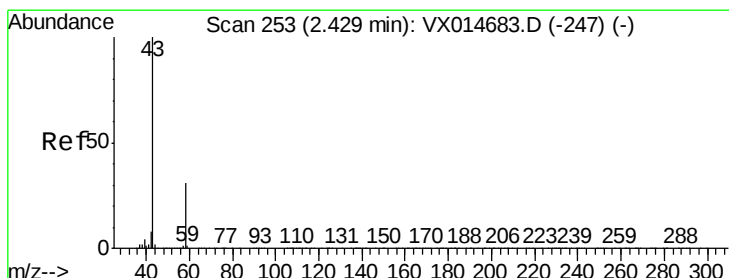
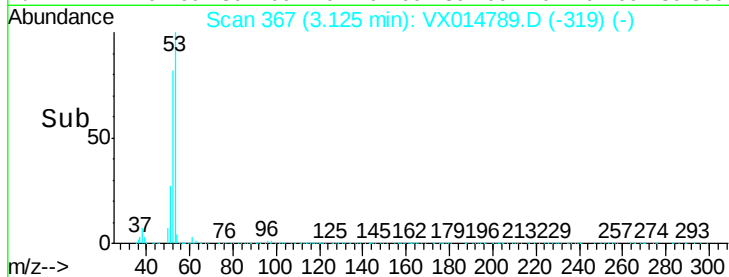
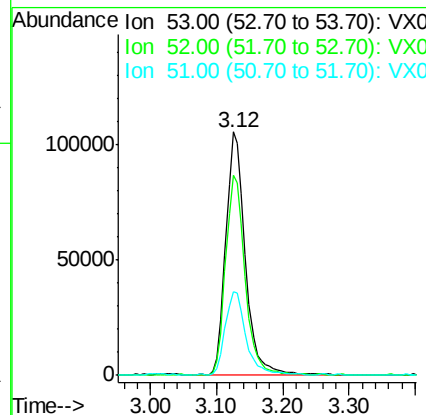
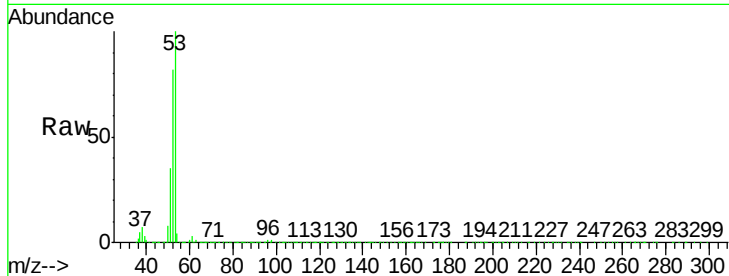
ClientSampleId :

VX0203WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 213860 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 82.3  | 66.4  | 99.6   |
| 51        | 36.4  | 28.7  | 43.1   |

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:07 PM



#16

Acetone

Concen: 102.125 ug/l

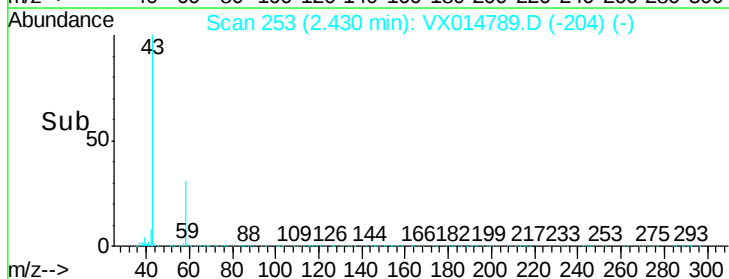
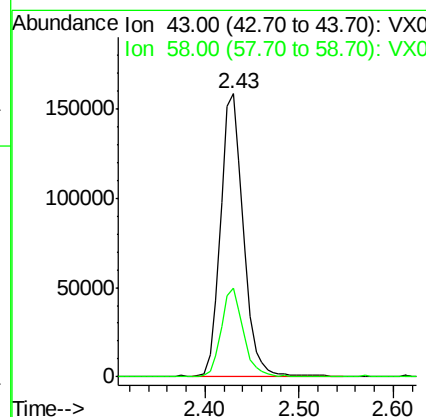
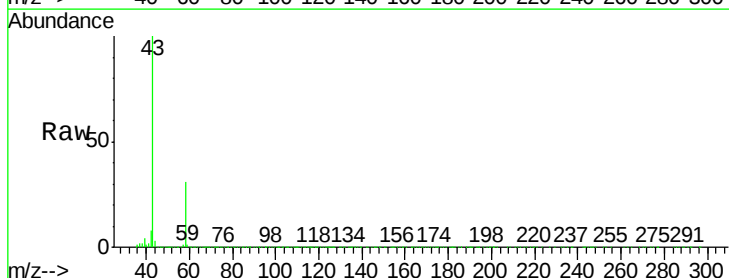
RT: 2.43 min Scan# 253

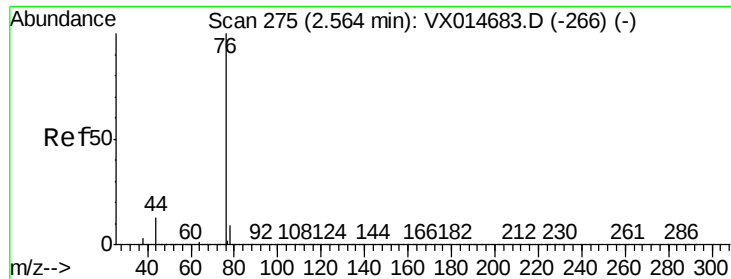
Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 262793 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 31.2  | 24.5  | 36.7   |





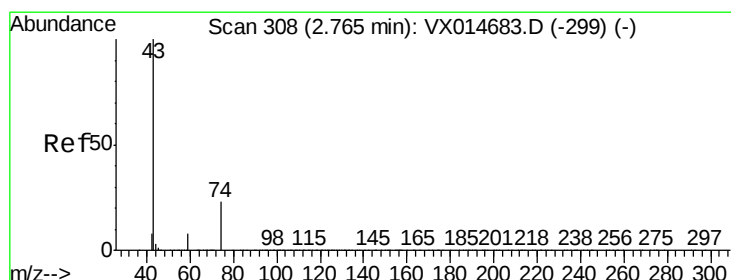
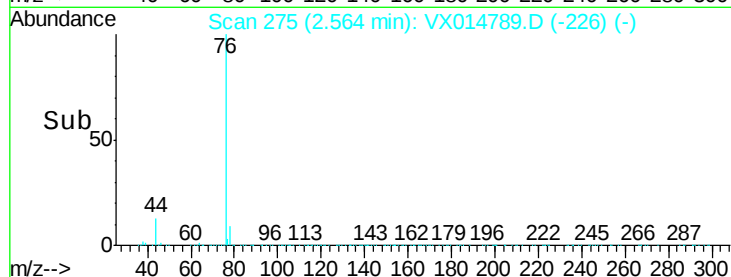
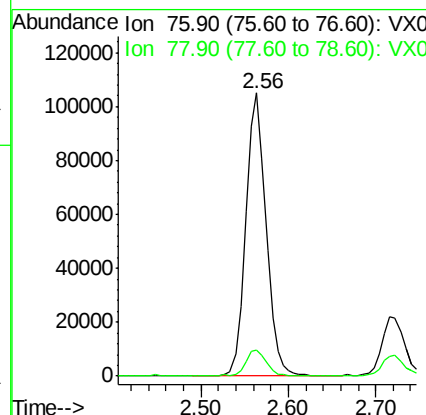
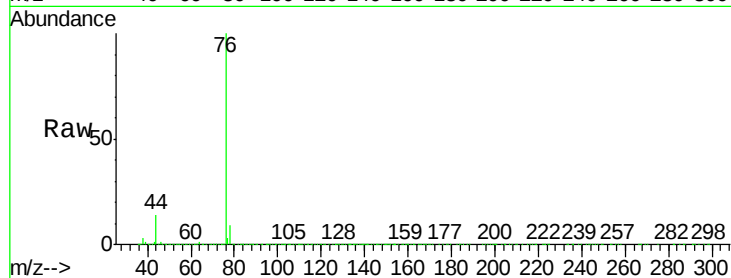
#17  
Carbon Disulfide  
Concen: 15.561 ug/l  
RT: 2.56 min Scan# 275  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.0   | 7.2   | 10.8  |

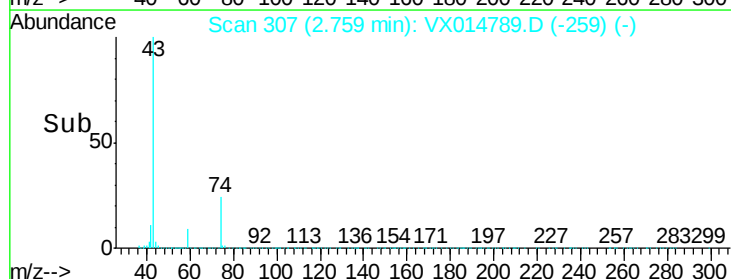
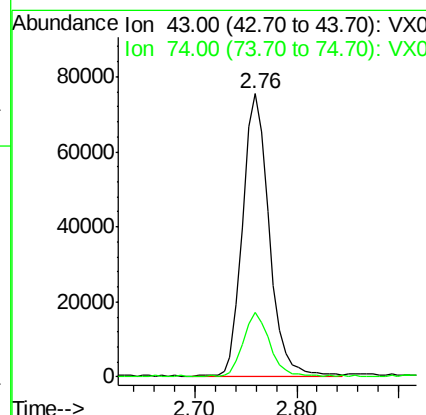
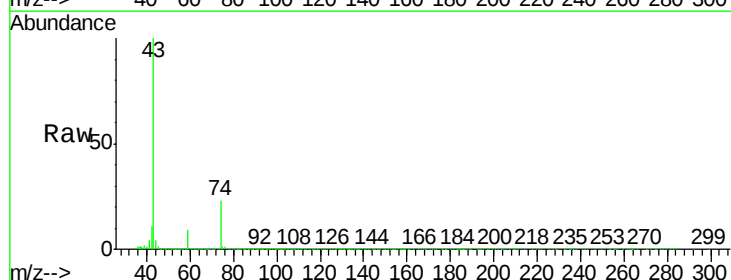
Manual Integrations  
APPROVED

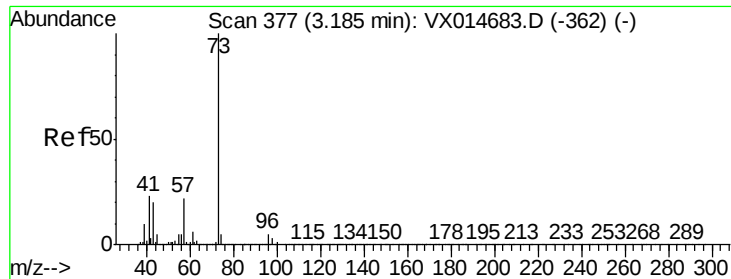
MMDadoda  
2/4/2020 3:32:07 PM



#18  
Methyl Acetate  
Concen: 18.298 ug/l  
RT: 2.76 min Scan# 307  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.4  | 18.5  | 27.7  |





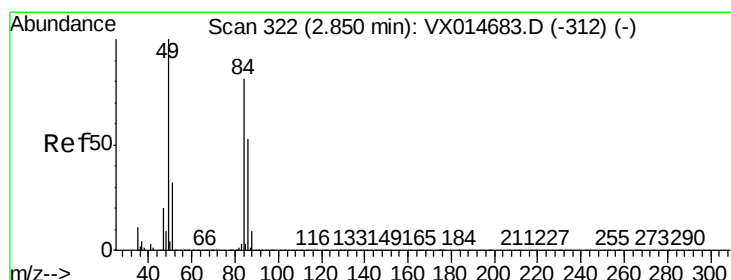
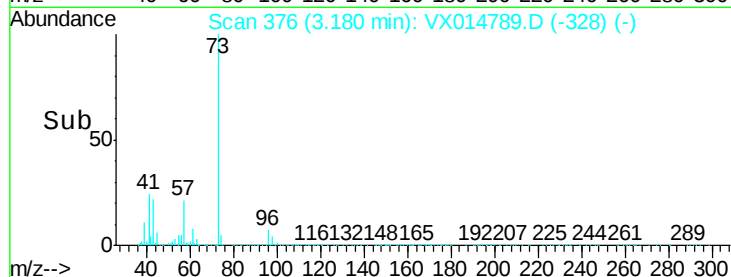
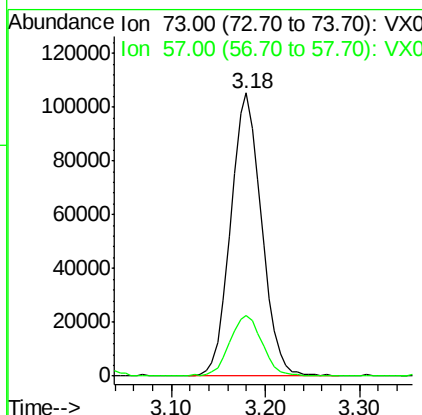
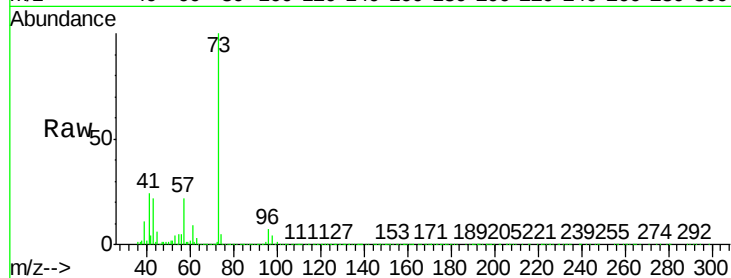
#19  
Methvl tert-butvl Ether  
Concen: 18.262 ug/l  
RT: 3.18 min Scan# 376  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.4  | 18.0  | 27.0  |

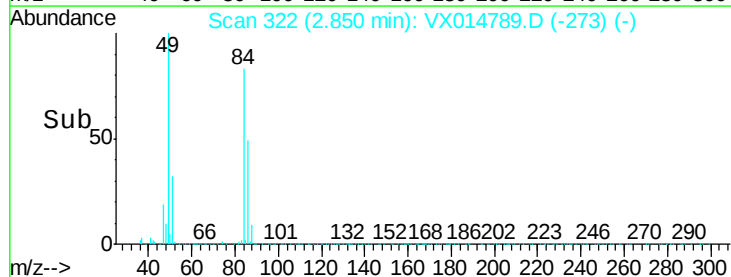
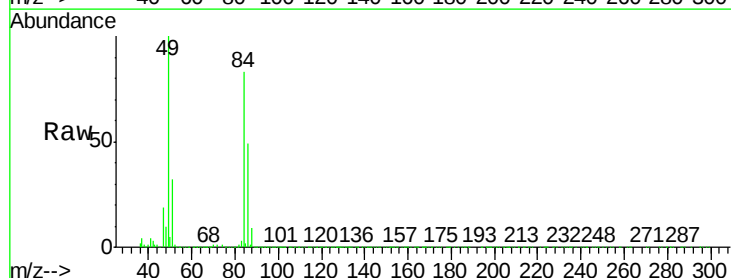
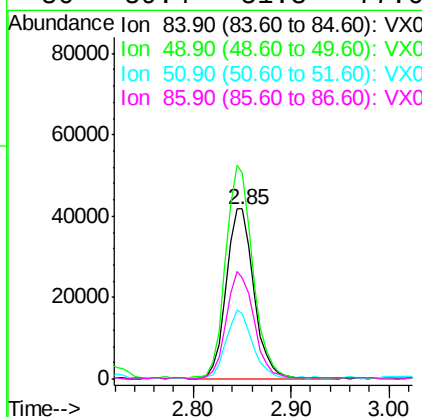
Manual Integrations  
APPROVED

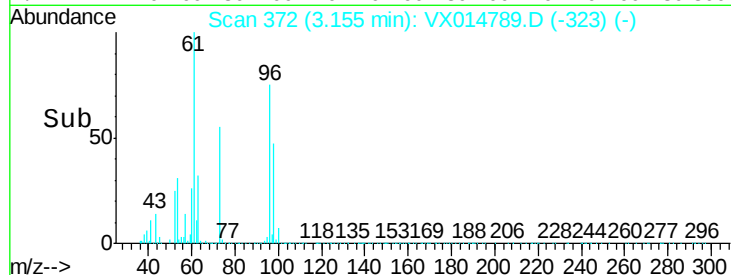
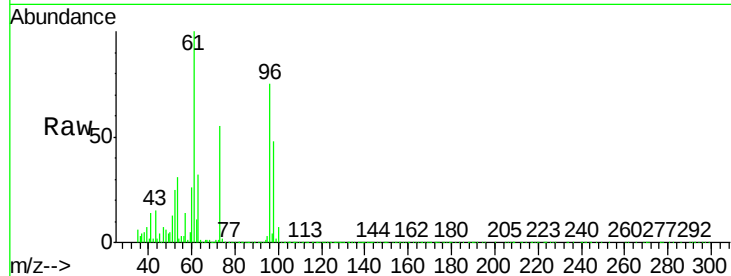
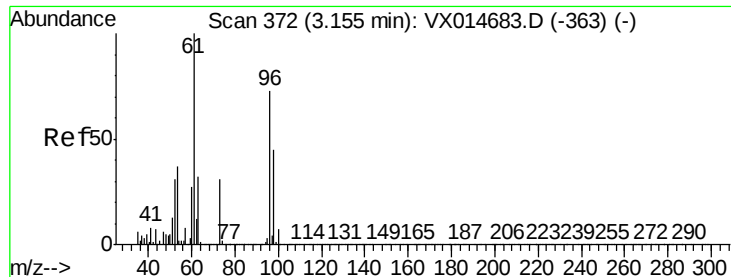
MMDadoda  
2/4/2020 3:32:07 PM



#20  
Methylene Chloride  
Concen: 17.176 ug/l  
RT: 2.85 min Scan# 322  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 120.9 | 98.2  | 147.4 |
| 51      | 38.2  | 31.3  | 46.9  |
| 86      | 59.4  | 51.8  | 77.6  |





#21

trans-1,2-Dichloroethene

Concen: 16.843 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014789.D

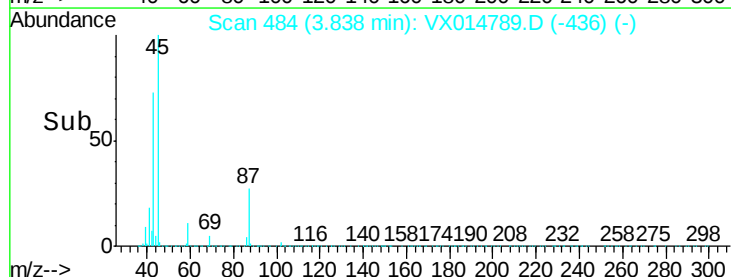
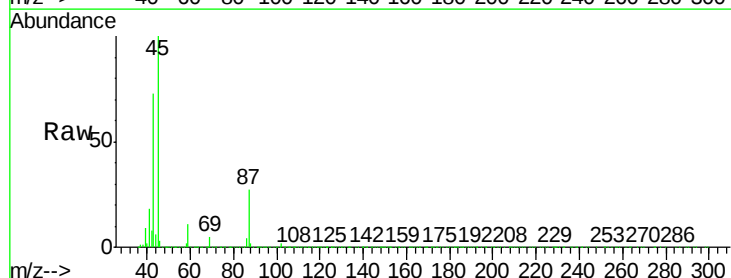
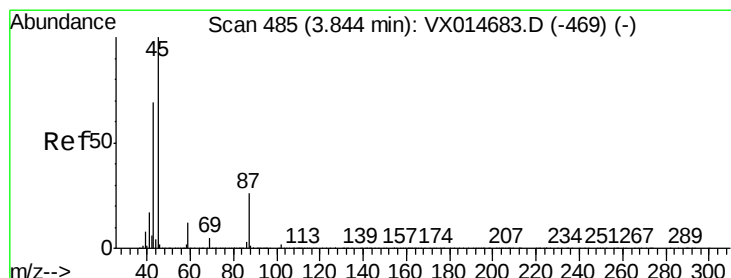
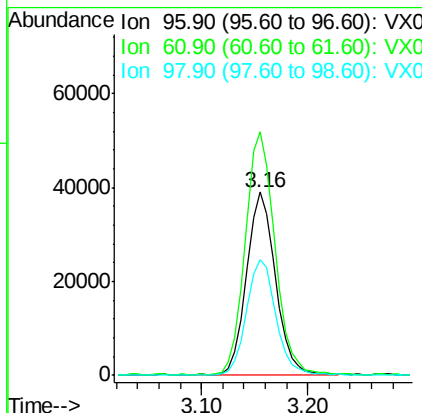
Acq: 03 Feb 2020 11:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 74188 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 132.7 | 109.8 | 164.6 |
| 98       | 63.0  | 49.6  | 74.4  |

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0203WBSD01

Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:07 PM



#22

Diisopropyl ether

Concen: 18.268 ug/l

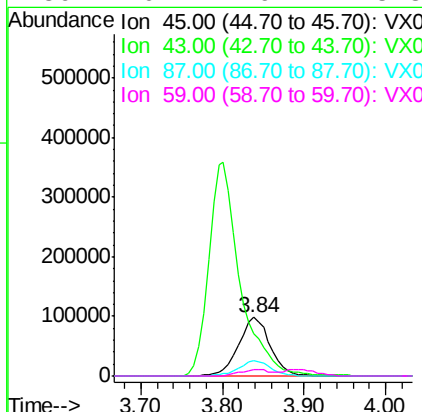
RT: 3.84 min Scan# 484

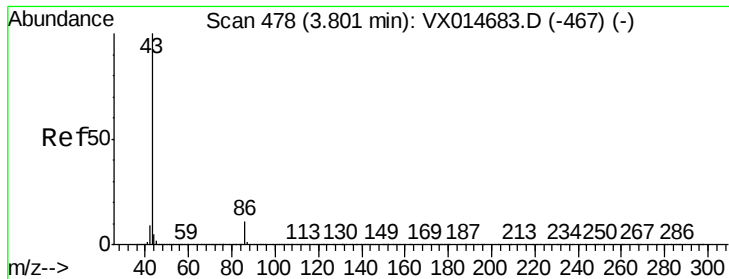
Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 261336 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 72.3  | 55.1  | 82.7   |
| 87       | 27.1  | 20.7  | 31.1   |
| 59       | 10.7  | 9.2   | 13.8   |





#23

Vinyl Acetate

Concen: 87.943 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBSD01

Tot Ion: 43 Resp: 959030

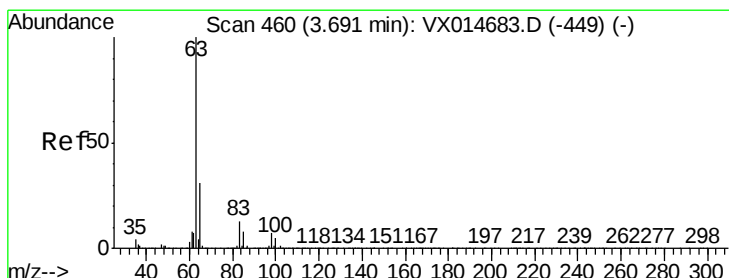
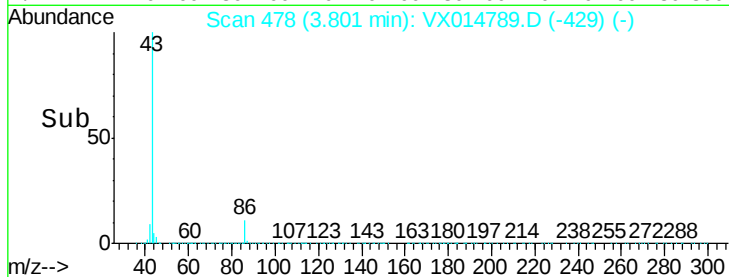
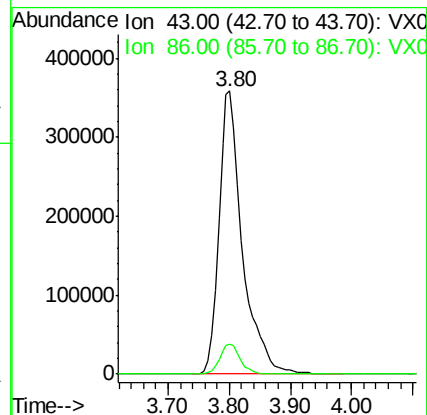
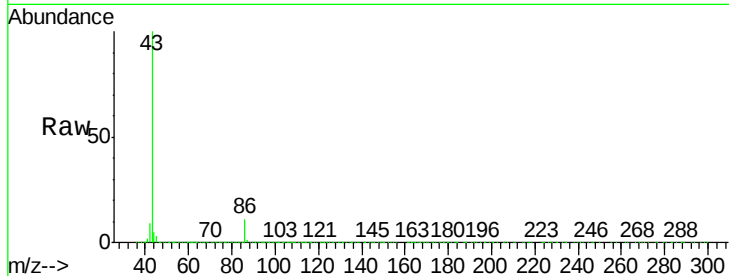
Ion Ratio Lower Upper

43 100

86 10.6 8.4 12.6

Manual Integrations  
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#24

1,1-Dichloroethane

Concen: 17.766 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

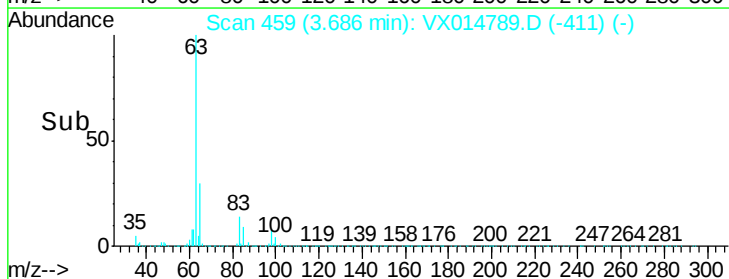
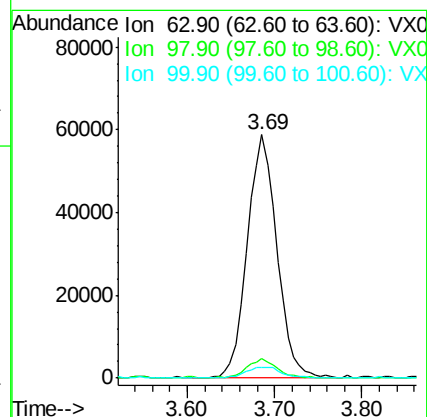
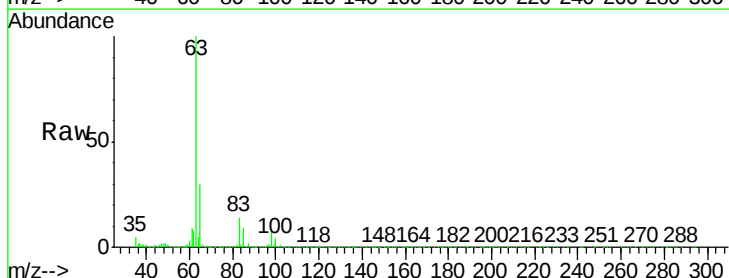
Tgt Ion: 63 Resp: 138026

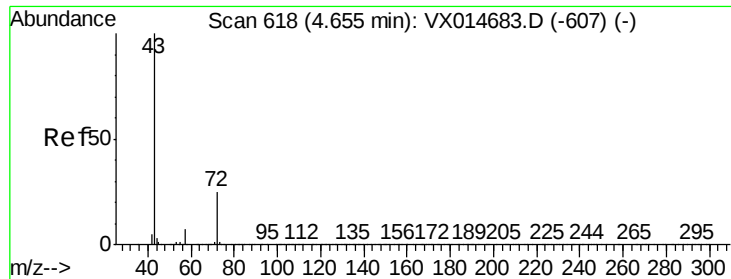
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.2 2.2 6.6





#25

2-Butanone

Concen: 88.477 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBSD01

Tot Ion: 43 Resp: 326487

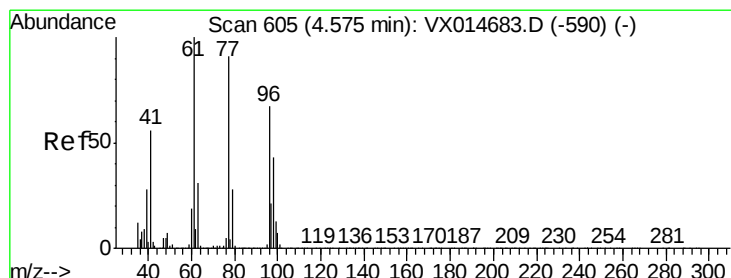
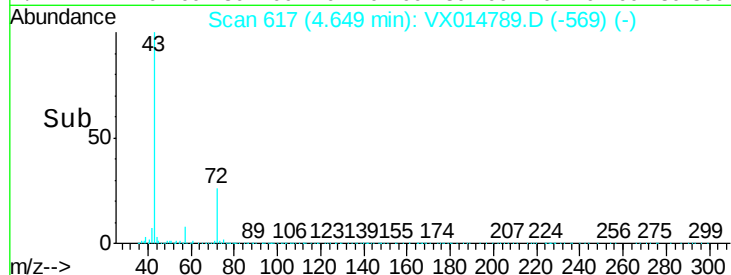
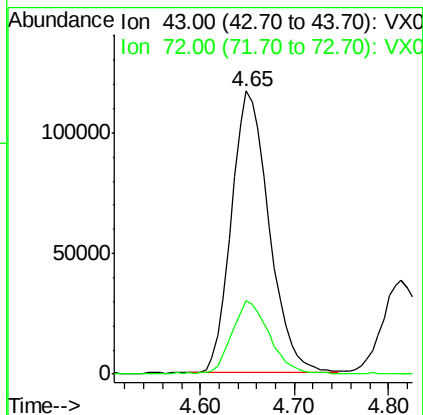
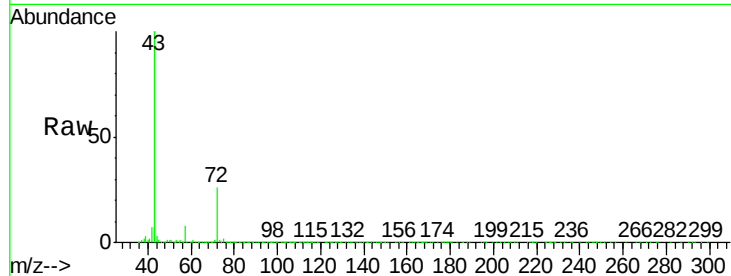
Ion Ratio Lower Upper

43 100

72 25.7 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 17.793 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014789.D

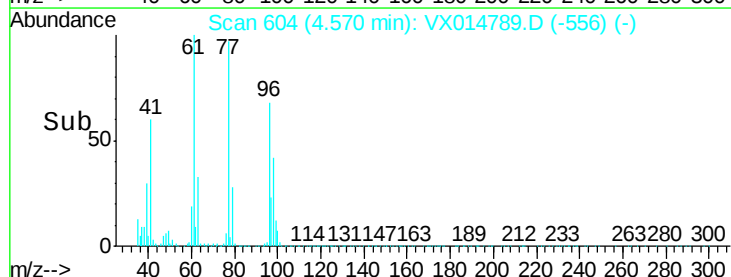
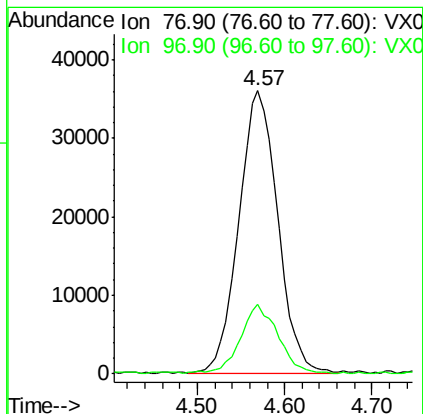
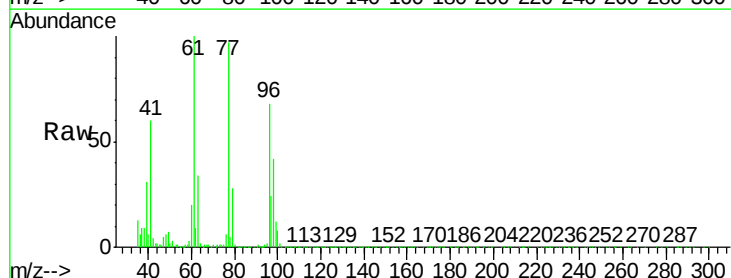
Acq: 03 Feb 2020 11:41

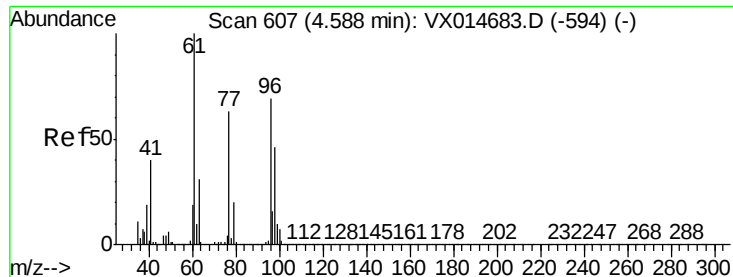
Tgt Ion: 77 Resp: 110644

Ion Ratio Lower Upper

77 100

97 24.2 11.8 35.3





#27

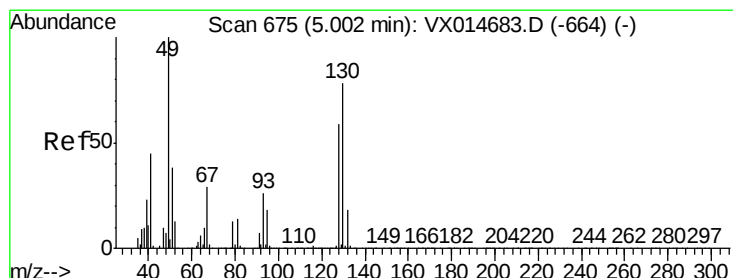
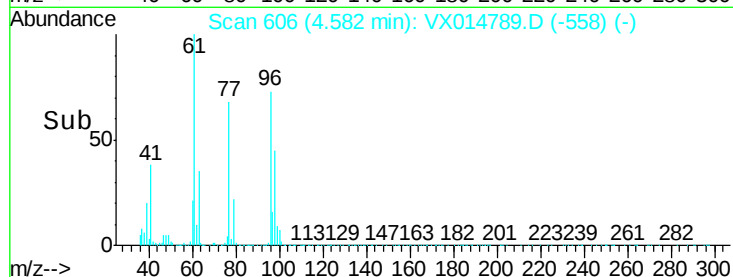
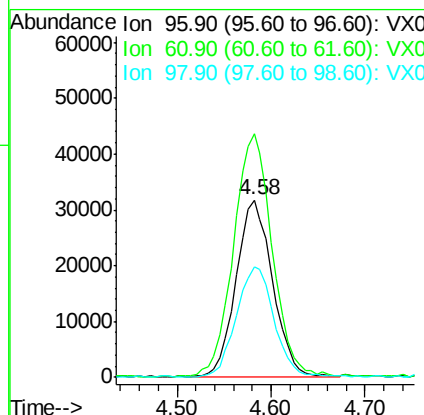
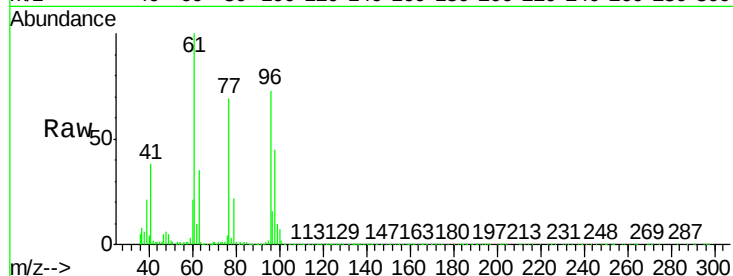
cis-1,2-Dichloroethene  
Concen: 17.340 ug/l  
RT: 4.58 min Scan# 606  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 144.5 | 0.0   | 291.0 |
| 98      | 65.6  | 0.0   | 129.8 |

Manual Integrations  
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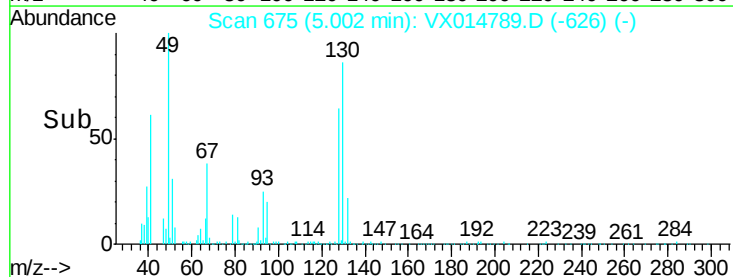
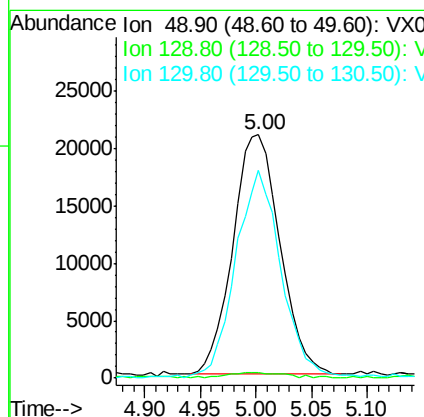
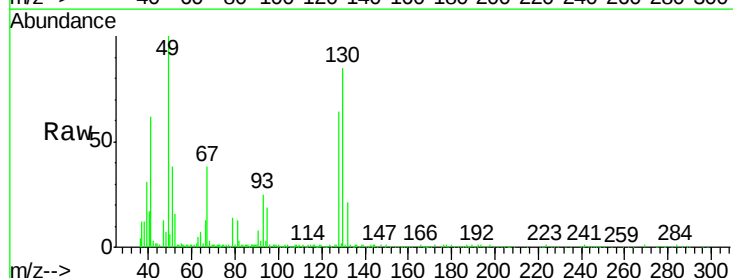
MMDadoda  
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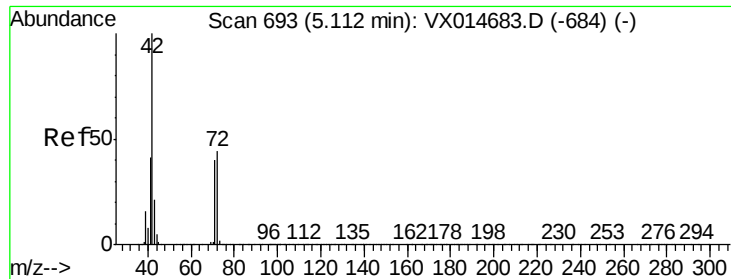


#28

Bromochloromethane  
Concen: 18.007 ug/l  
RT: 5.00 min Scan# 675  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.6   | 0.0   | 4.8   |
| 130     | 81.8  | 62.4  | 93.6  |





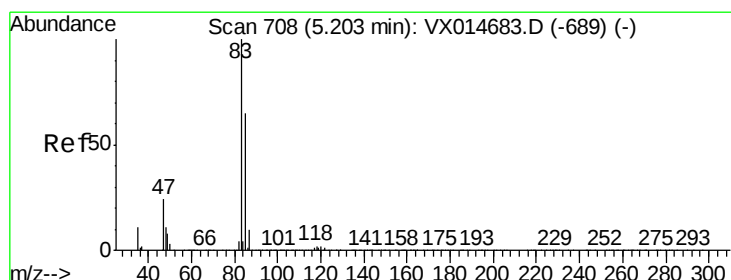
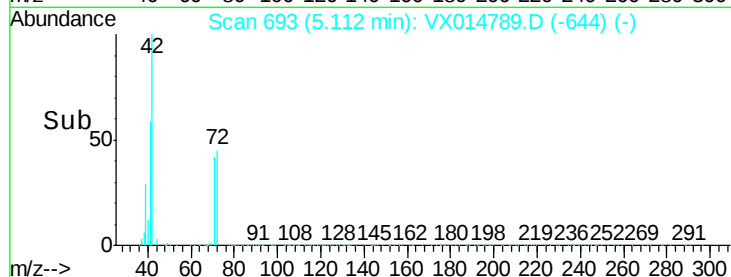
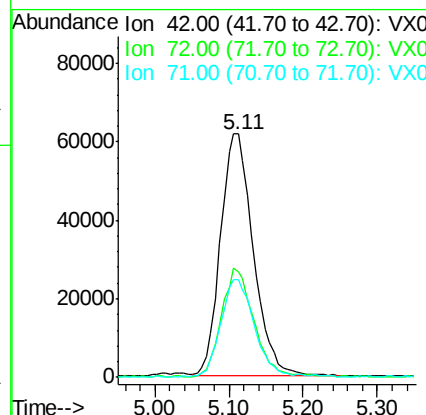
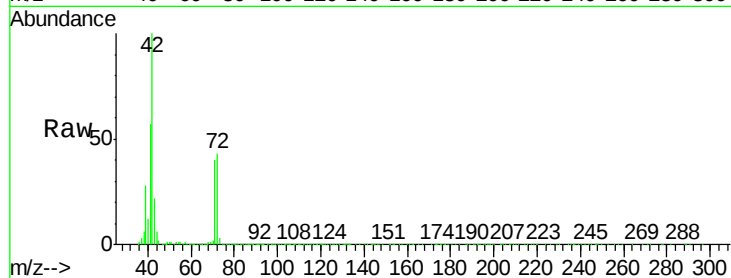
#29  
Tetrahydrofuran  
Concen: 85.691 ug/l  
RT: 5.11 min Scan# 693  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.8  | 35.3  | 52.9  |
| 71      | 41.3  | 33.1  | 49.7  |

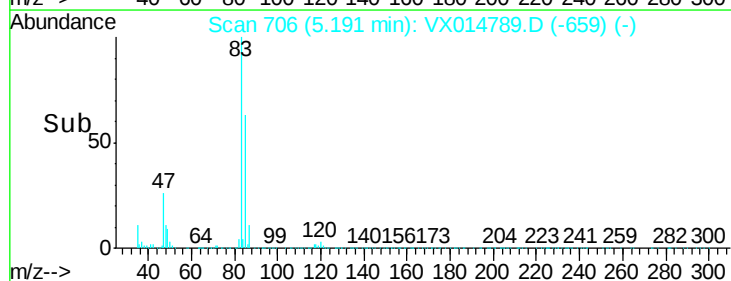
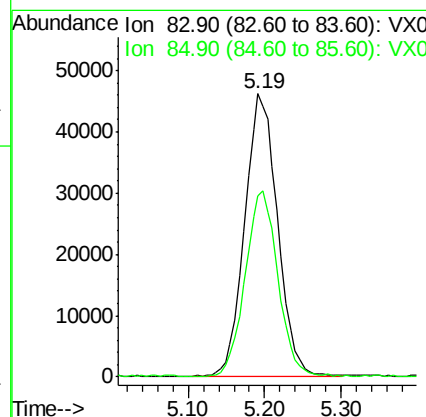
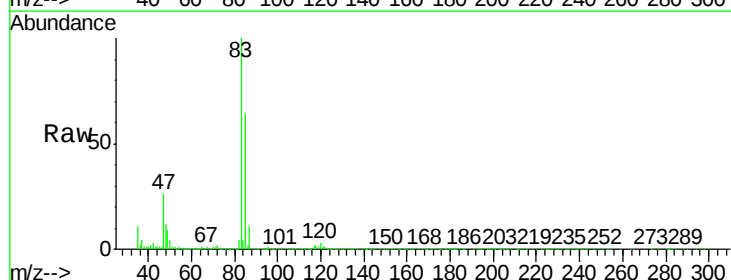
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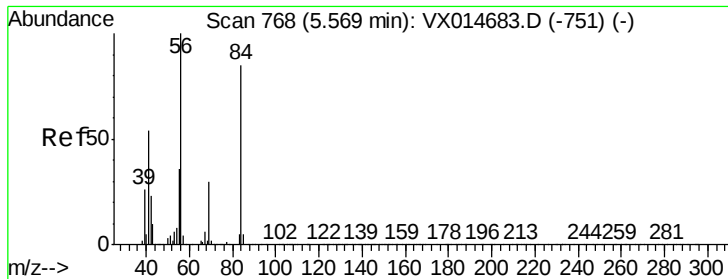
MMDadoda  
2/4/2020 3:32:07 PM



#30  
Chloroform  
Concen: 18.024 ug/l  
RT: 5.19 min Scan# 706  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.7  | 51.7  | 77.5  |





#31

Cyclohexane

Concen: 16.294 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

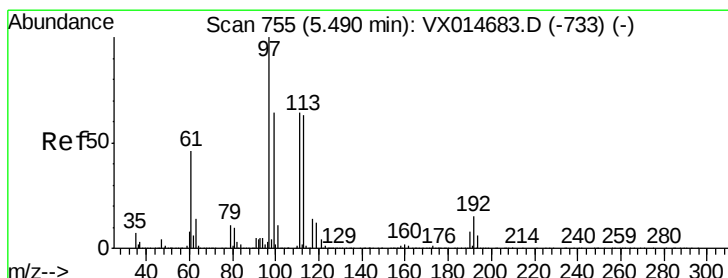
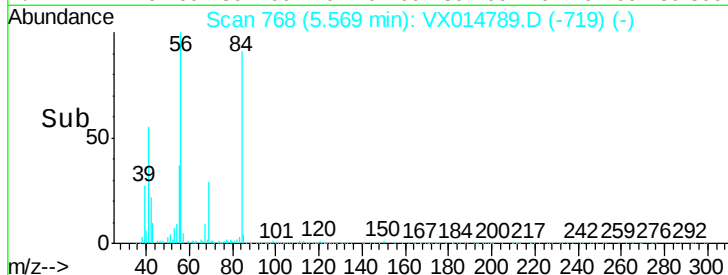
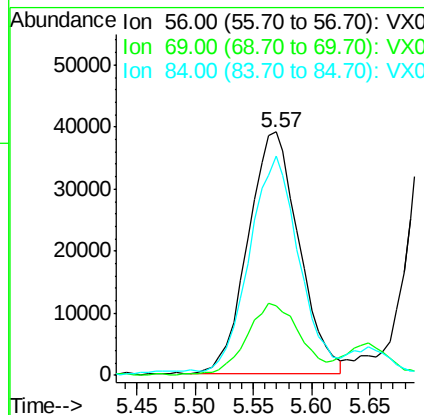
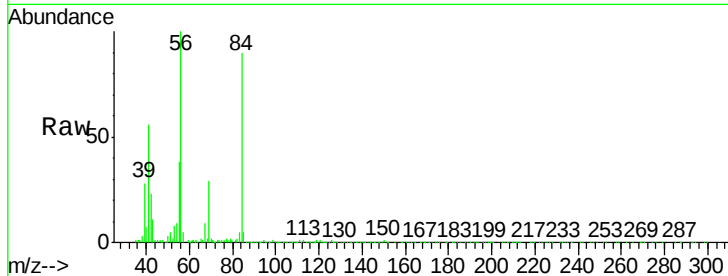
ClientSampleId :

VX0203WBSD01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 56   | Resp: | 119063 |
| Ion Ratio |      | Lower | Upper  |
| 56        | 100  |       |        |
| 69        | 28.5 | 23.4  | 35.2   |
| 84        | 89.0 | 68.4  | 102.6  |

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#32

1,1,1-Trichloroethane

Concen: 17.692 ug/l

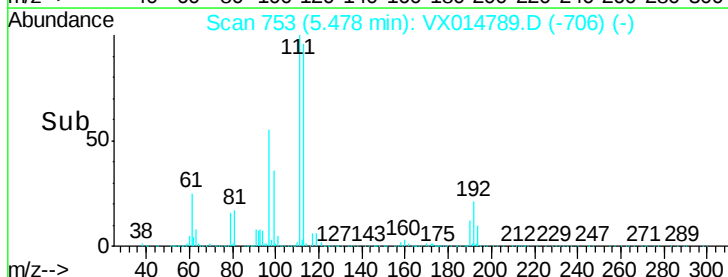
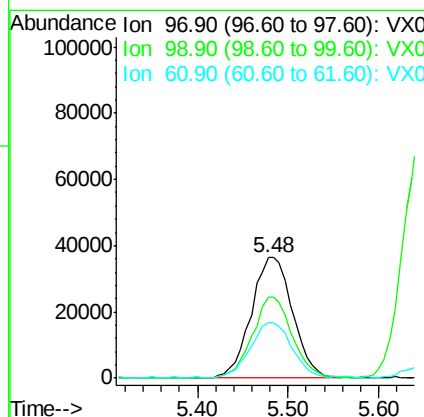
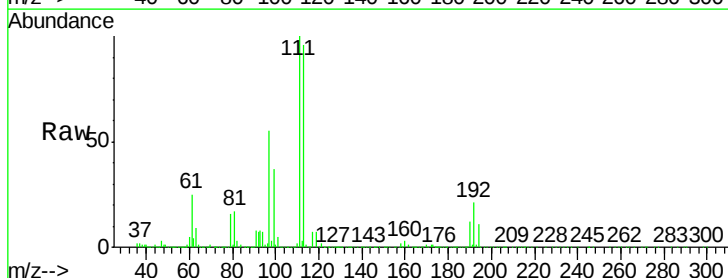
RT: 5.48 min Scan# 753

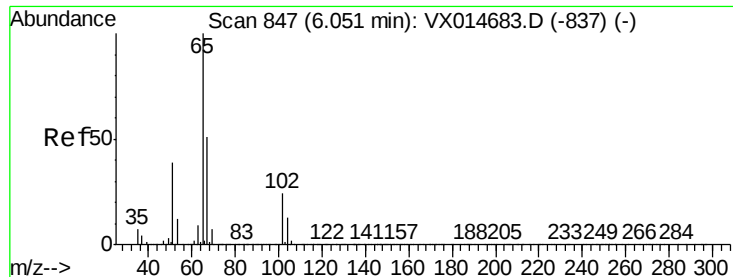
Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 97   | Resp: | 115095 |
| Ion Ratio |      | Lower | Upper  |
| 97        | 100  |       |        |
| 99        | 64.0 | 52.3  | 78.5   |
| 61        | 45.5 | 37.2  | 55.8   |





#33

1,2-Dichloroethane-d4

Concen: 50.802 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBSD01

Tot Ion: 65 Resp: 238734

Ion Ratio Lower Upper

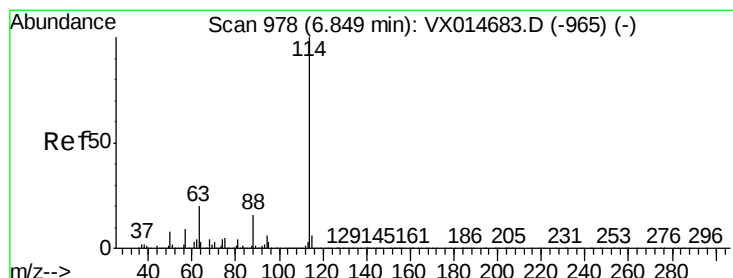
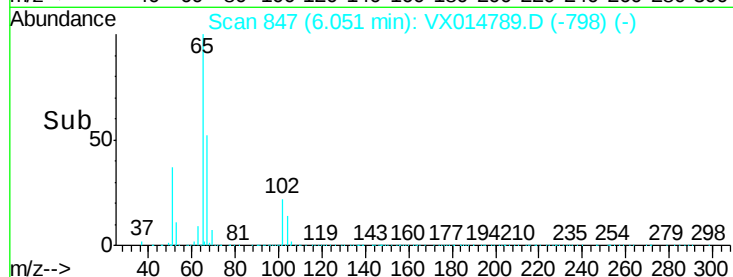
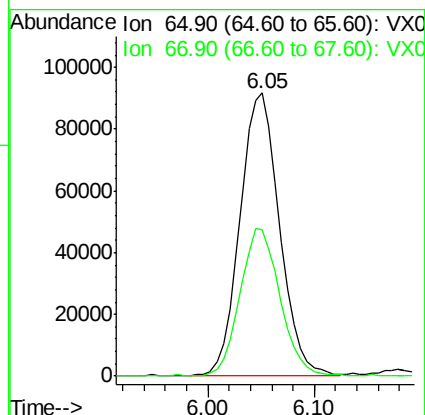
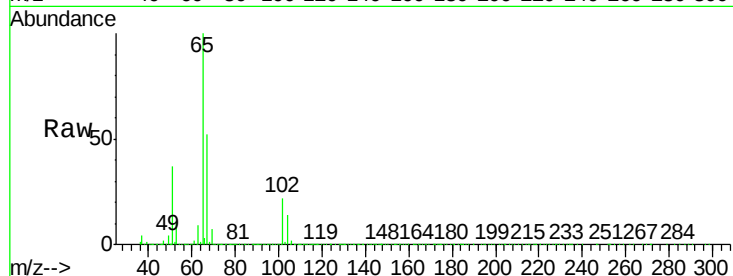
65 100

67 53.1 0.0 107.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

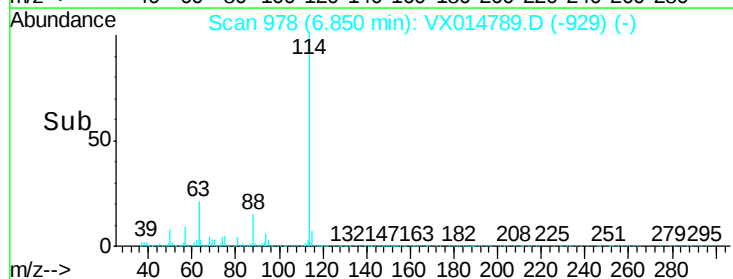
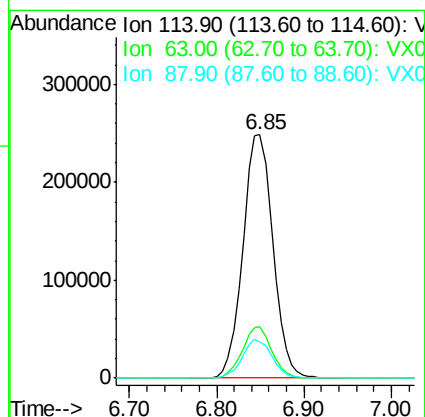
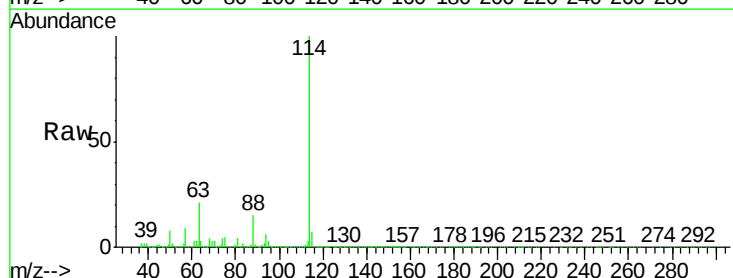
Tgt Ion: 114 Resp: 593612

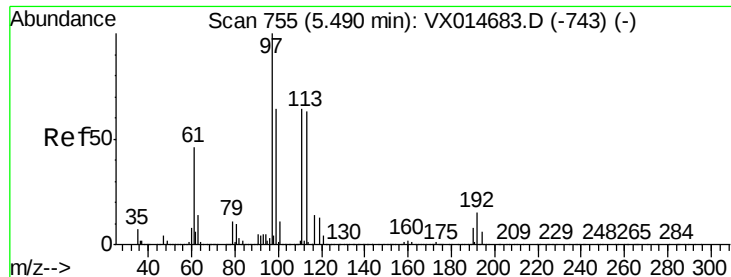
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.6

88 15.1 0.0 31.2





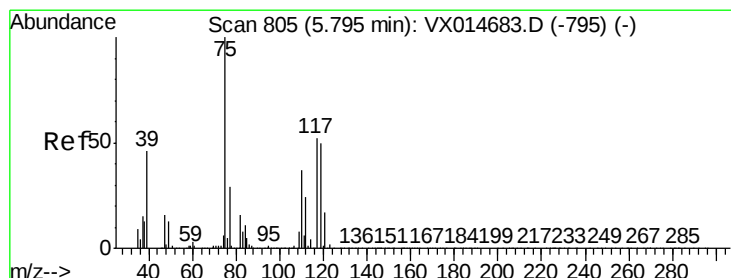
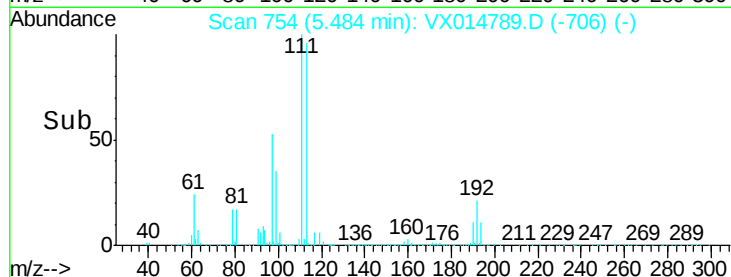
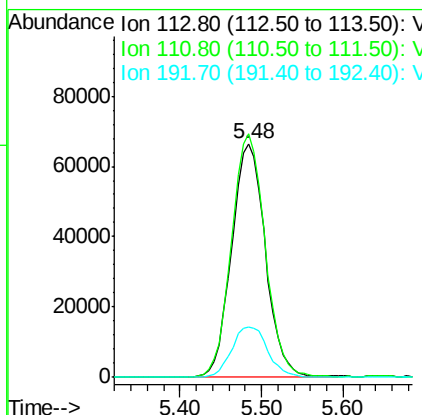
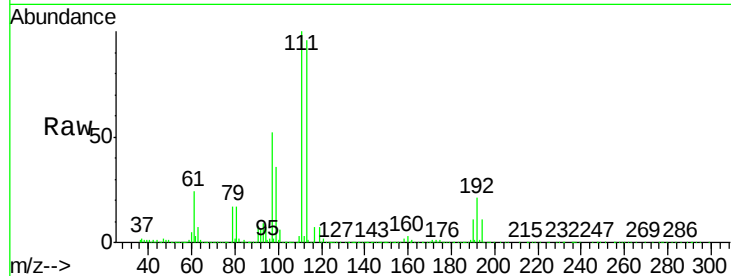
#35  
 Dibromofluoromethane  
 Concen: 50.554 ug/l  
 RT: 5.48 min Scan# 754  
 Delta R.T. -0.01 min  
 Lab File: VX014789.D  
 Acq: 03 Feb 2020 11:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0203WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 189358 |       |       |
| 111     | 103.9 | 80.7   | 121.1 |       |
| 192     | 23.4  | 18.5   | 27.7  |       |

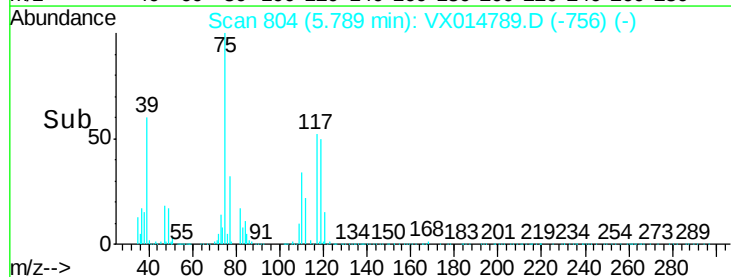
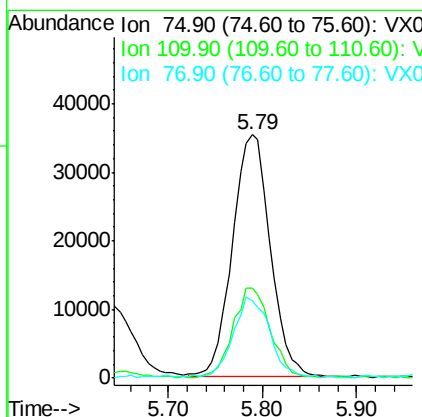
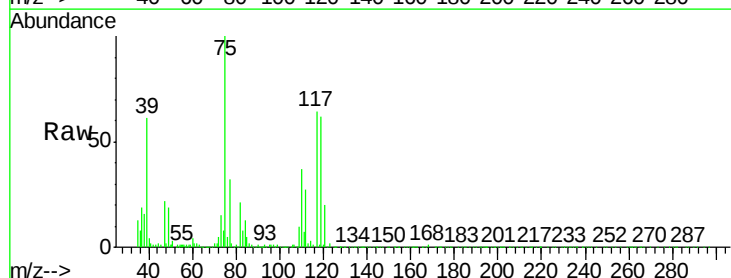
Manual Integrations  
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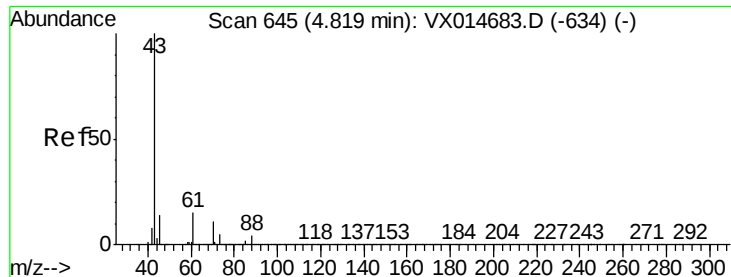
MMDadoda  
 2/4/2020 3:32:07 PM



#36  
 1,1-Dichloropropene  
 Concen: 17.841 ug/l  
 RT: 5.79 min Scan# 804  
 Delta R.T. -0.01 min  
 Lab File: VX014789.D  
 Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 98409 |       |       |
| 110     | 37.2  | 17.9  | 53.7  |       |
| 77      | 32.9  | 24.1  | 36.1  |       |





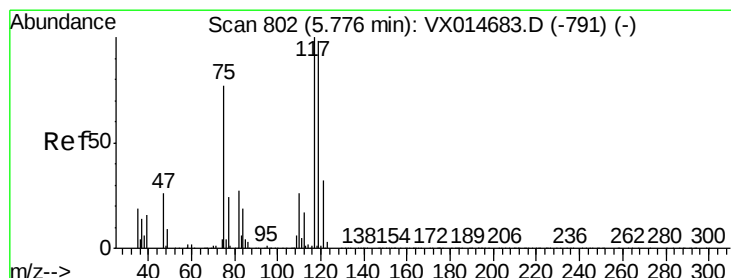
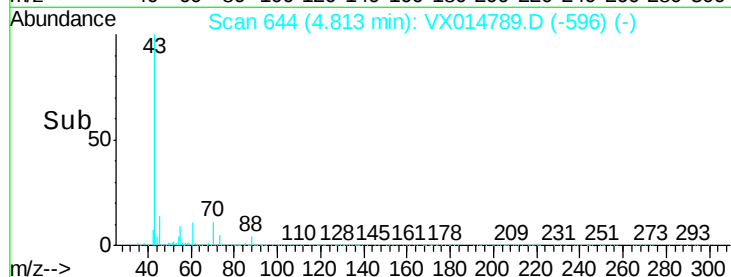
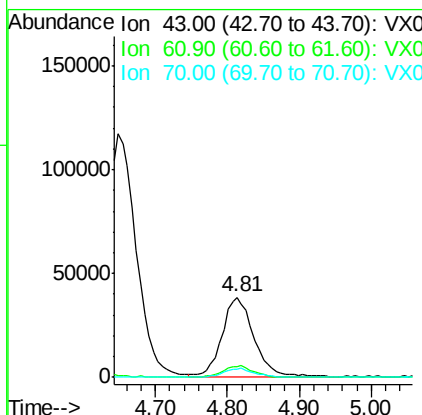
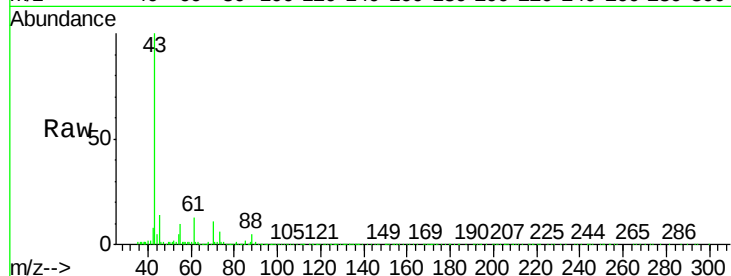
#37  
Ethyl Acetate  
Concen: 18.129 ug/l  
RT: 4.81 min Scan# 644  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion   | 43    | Resp  | 114530 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 13.1  | 11.0  | 16.4   |
| 70        | 10.6  | 8.5   | 12.7   |

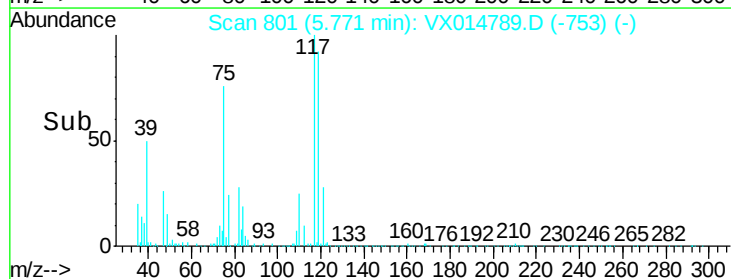
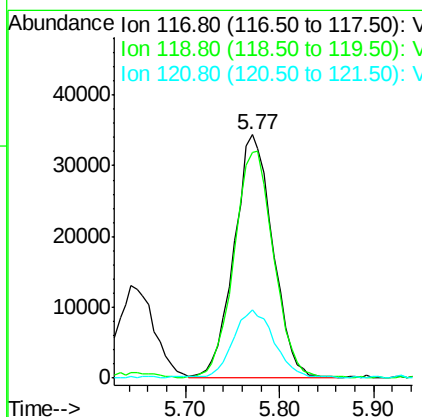
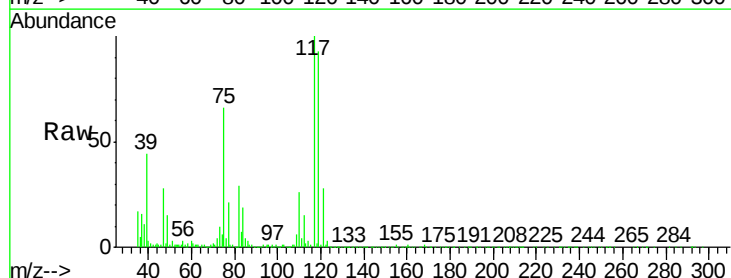
Manual Integrations  
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#38  
Carbon Tetrachloride  
Concen: 18.601 ug/l  
RT: 5.77 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion   | 117   | Resp  | 97986 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 92.7  | 77.9  | 116.9 |
| 121       | 27.7  | 25.4  | 38.2  |





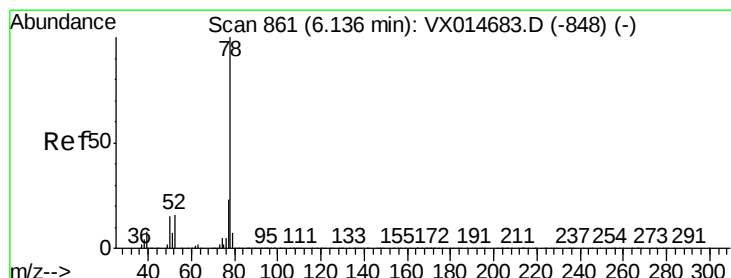
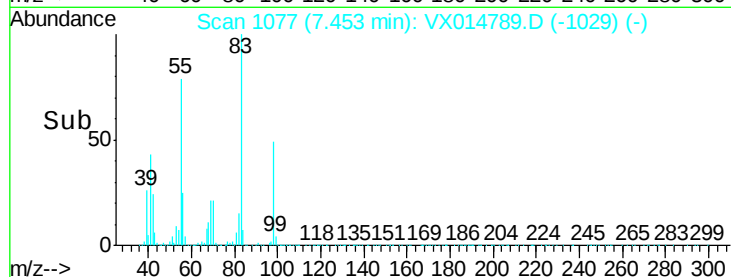
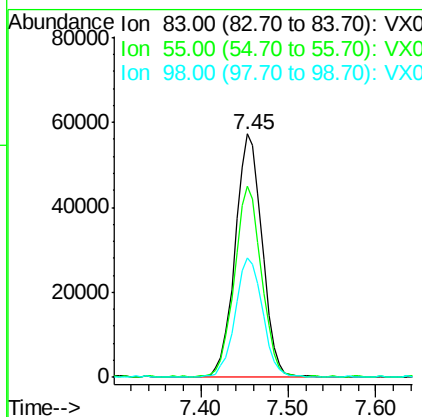
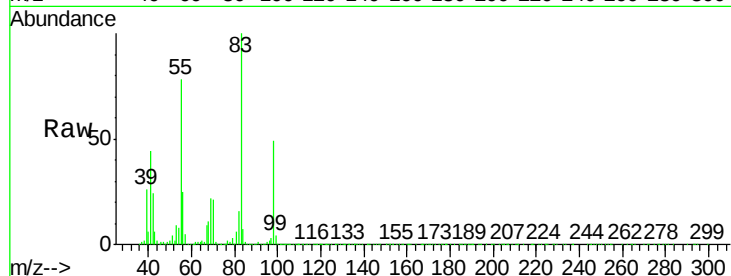
#39  
Methvlcvclohexane  
Concen: 17.874 ug/l  
RT: 7.45 min Scan# 1077  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 123512 |       |       |
| 55      | 78.1  | 65.6   | 98.4  |       |
| 98      | 48.9  | 40.2   | 60.4  |       |

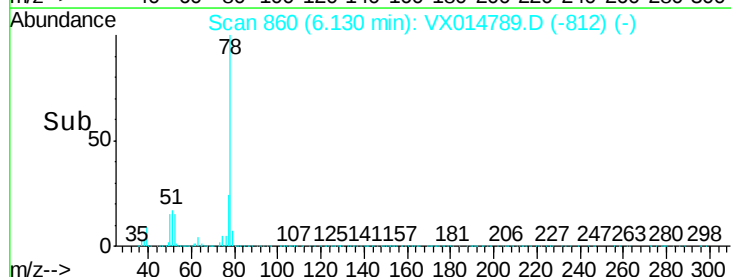
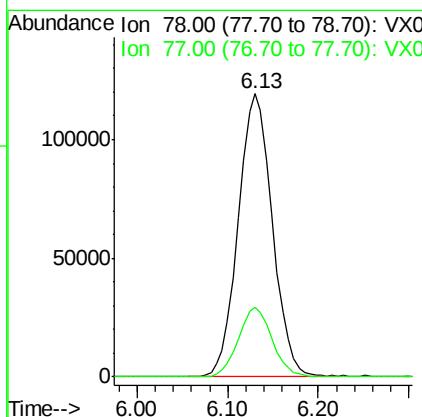
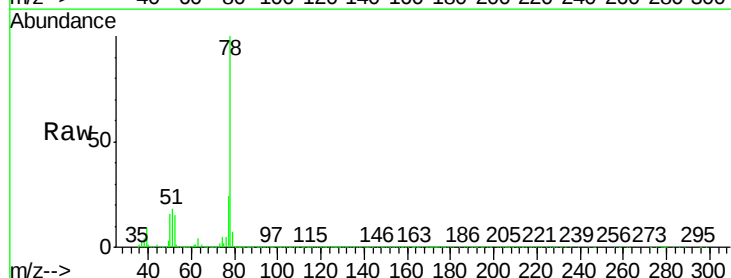
Manual Integrations  
APPROVED

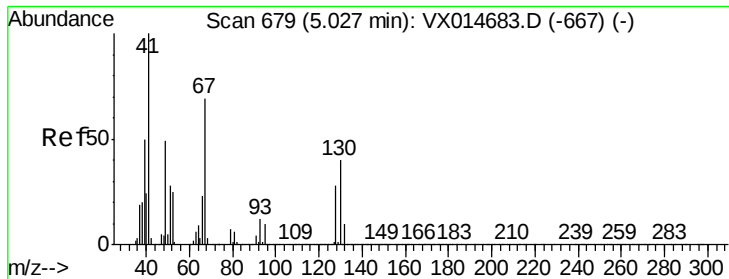
MMDadoda  
2/4/2020 3:32:07 PM



#40  
Benzene  
Concen: 18.117 ug/l  
RT: 6.13 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 308766 |       |       |
| 77      | 24.2  | 18.7   | 28.1  |       |





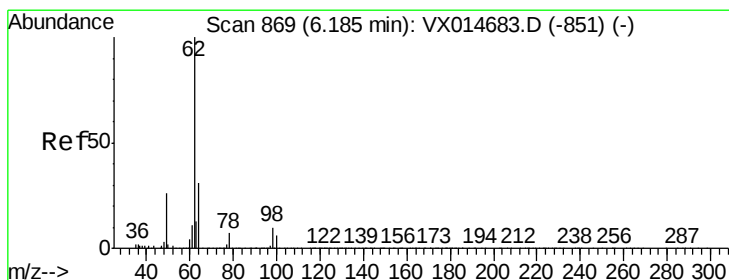
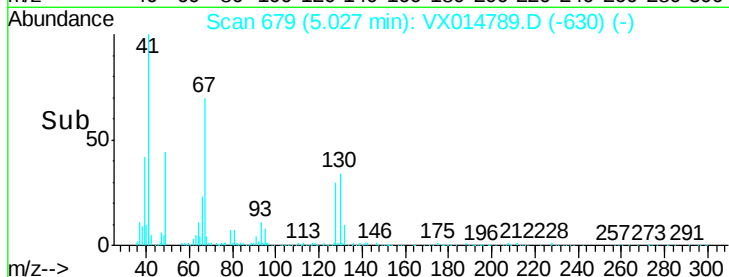
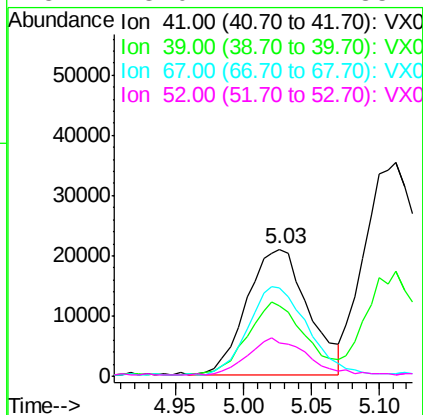
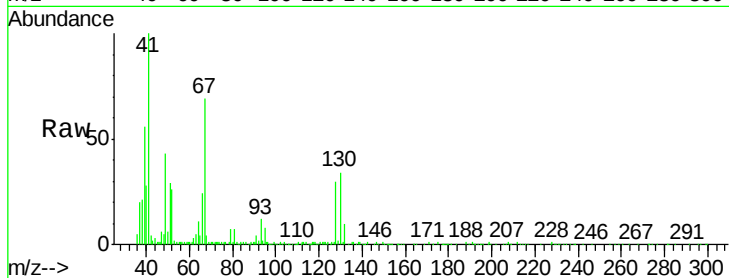
#41  
Methacrylonitrile  
Concen: 18.166 ug/l  
RT: 5.03 min Scan# 679  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 41      | 100  |       | 66057 |       |       |
| 39      | 54.6 | 42.2  | 63.2  |       |       |
| 67      | 68.6 | 55.4  | 83.0  |       |       |
| 52      | 28.0 | 22.1  | 33.1  |       |       |

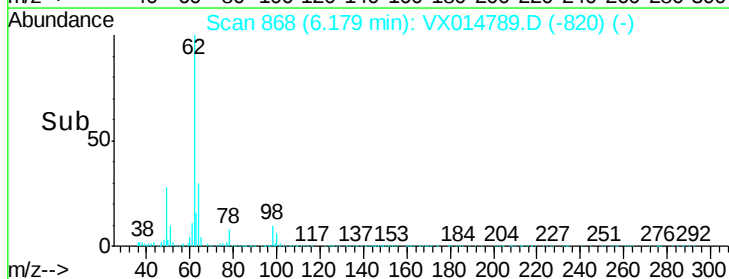
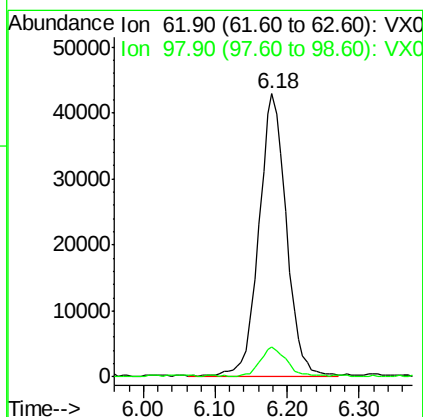
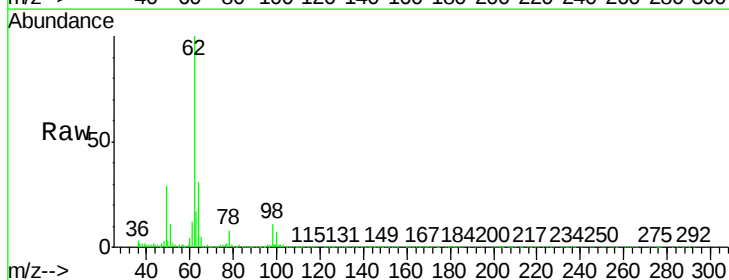
Manual Integrations  
APPROVED

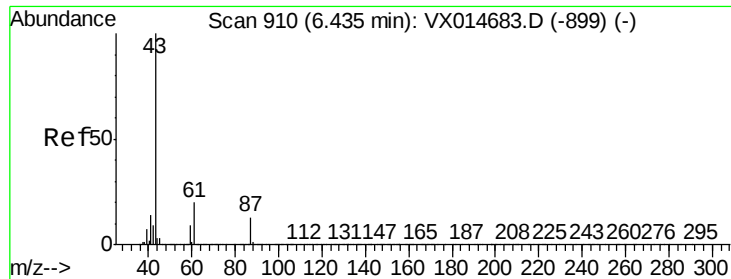
MMDadoda  
2/4/2020 3:32:07 PM



#42  
1,2-Dichloroethane  
Concen: 19.142 ug/l  
RT: 6.18 min Scan# 868  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 62      | 100  |       | 112655 |       |       |
| 98      | 10.2 | 0.0   | 20.0   |       |       |





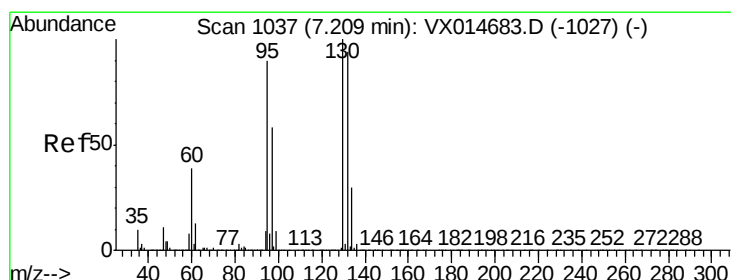
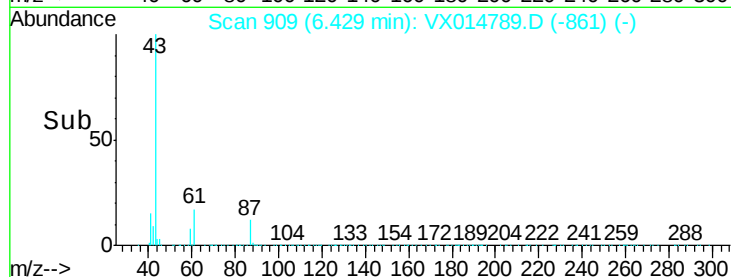
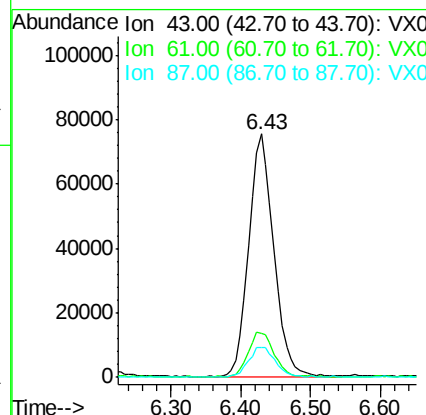
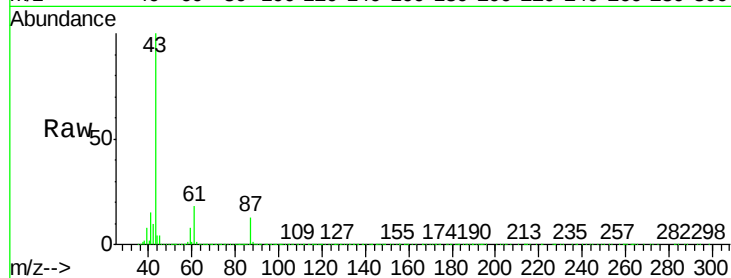
#43  
Isopropyl Acetate  
Concen: 18.128 ug/l  
RT: 6.43 min Scan# 909  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 187540 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 19.0  | 16.2  | 24.4   |
| 87       | 13.6  | 10.5  | 15.7   |

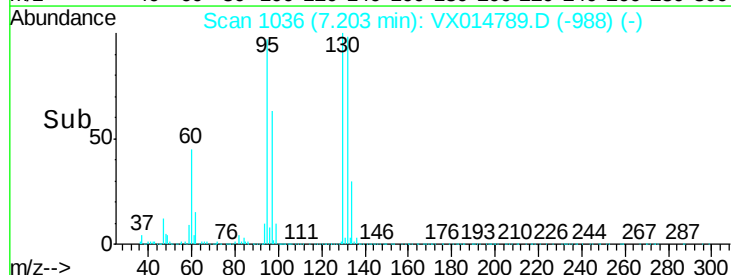
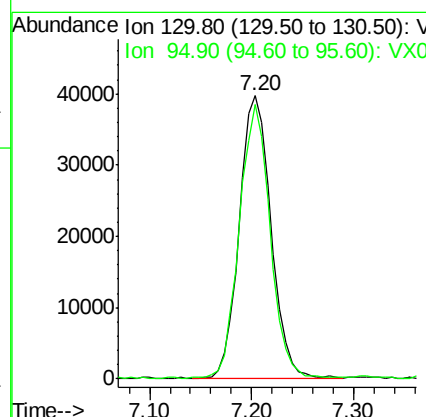
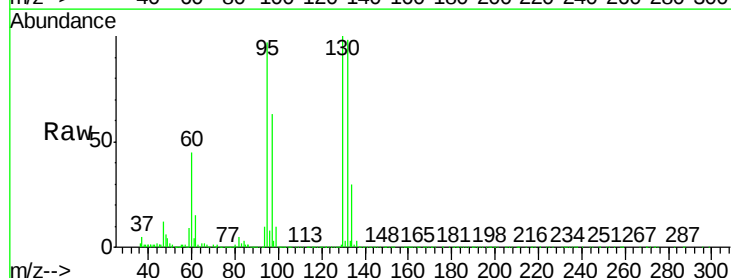
Manual Integrations  
APPROVED

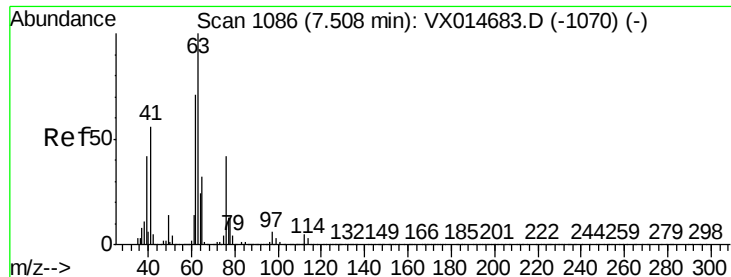
MMDadoda  
2/4/2020 3:32:07 PM



#44  
Trichloroethene  
Concen: 17.681 ug/l  
RT: 7.20 min Scan# 1036  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 85116 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 96.4  | 0.0   | 179.8 |





#45

1,2-Dichloropropane

Concen: 18.843 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBSD01

Tot Ion: 63 Resp: 82731

Ion Ratio Lower Upper

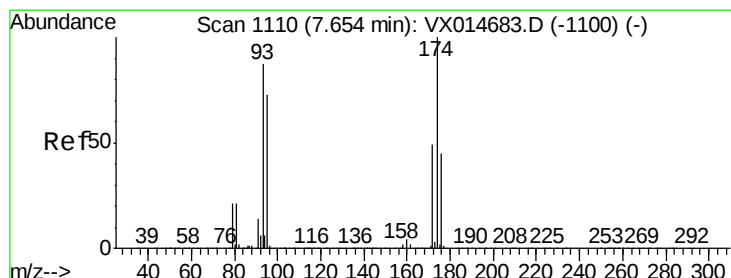
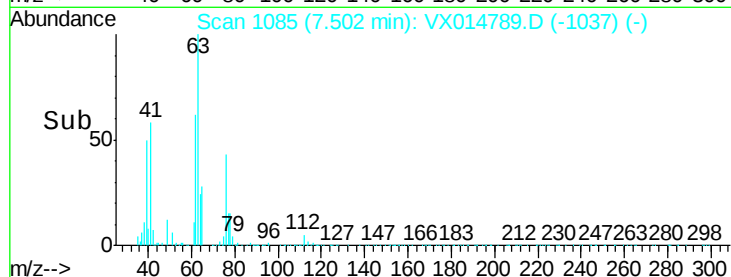
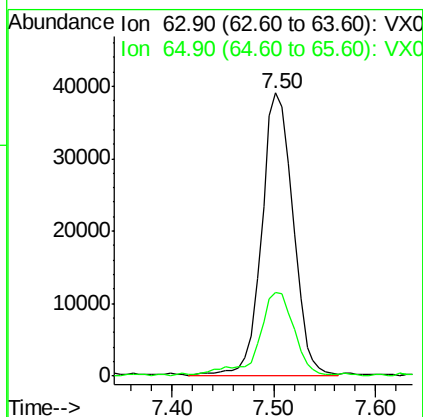
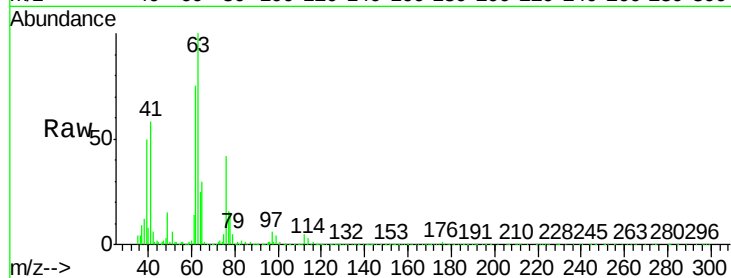
63 100

65 29.3 25.2 37.8

Manual Integrations  
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#46

Dibromomethane

Concen: 19.253 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

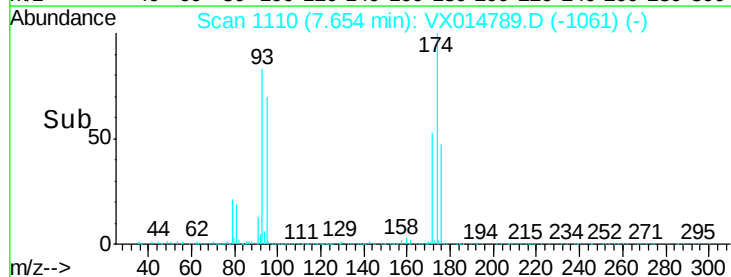
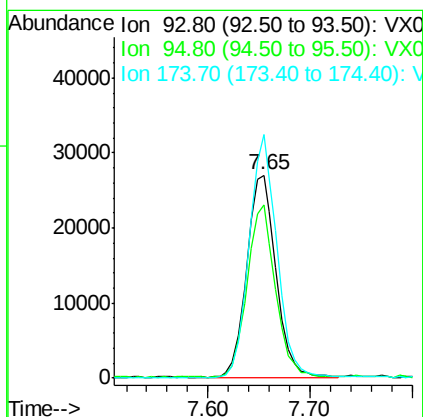
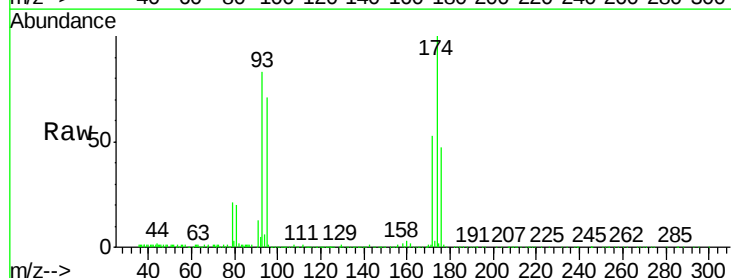
Tgt Ion: 93 Resp: 54748

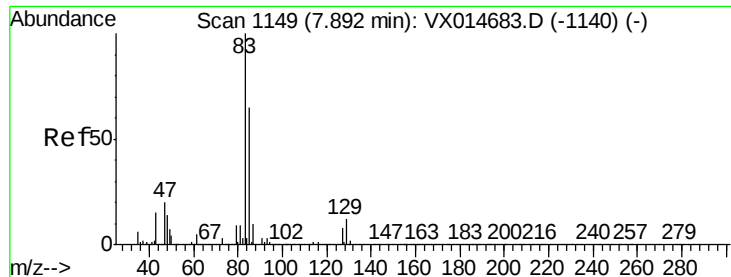
Ion Ratio Lower Upper

93 100

95 83.1 67.0 100.4

174 113.2 90.2 135.2





#47

Bromodichloromethane

Concen: 18.903 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

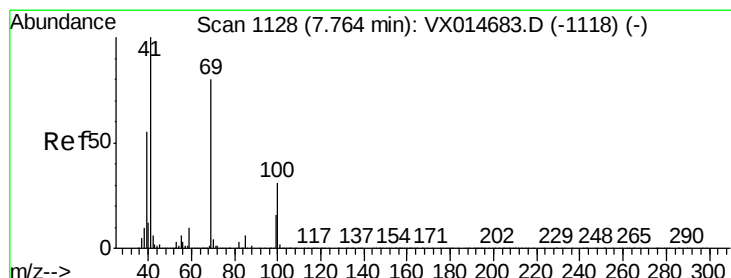
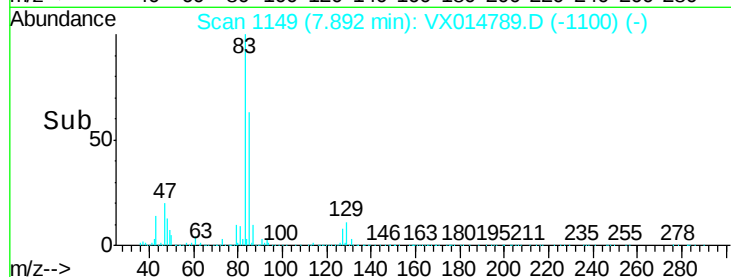
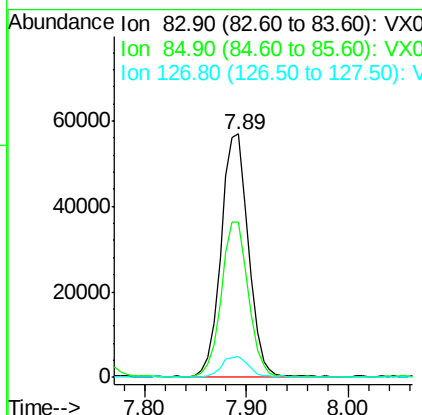
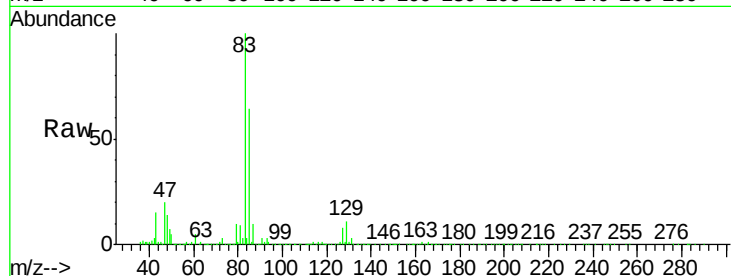
ClientSampleId :

VX0203WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 105427 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.5  | 52.2  | 78.2   |
| 127       | 8.3   | 6.4   | 9.6    |

Manual Integrations  
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2/4/2020 3:32:07 PM



#48

Methyl methacrylate

Concen: 18.511 ug/l

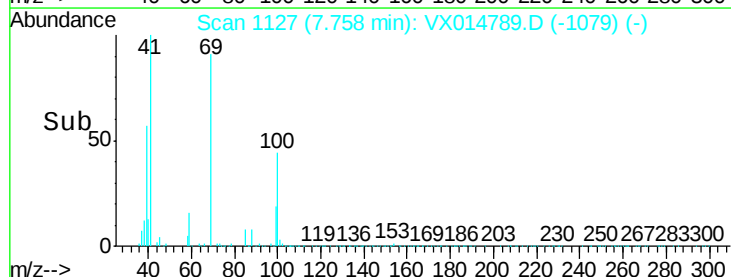
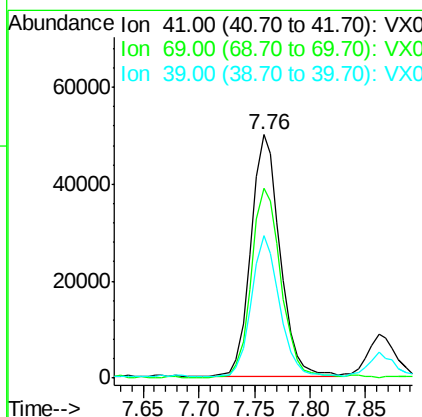
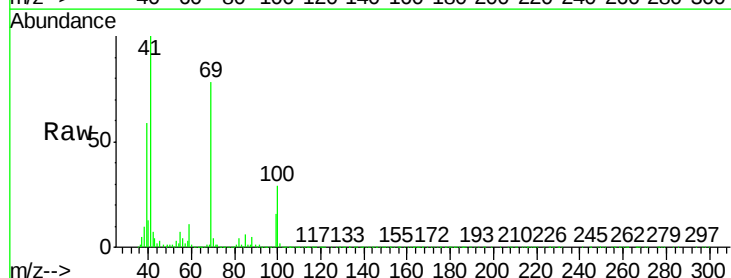
RT: 7.76 min Scan# 1127

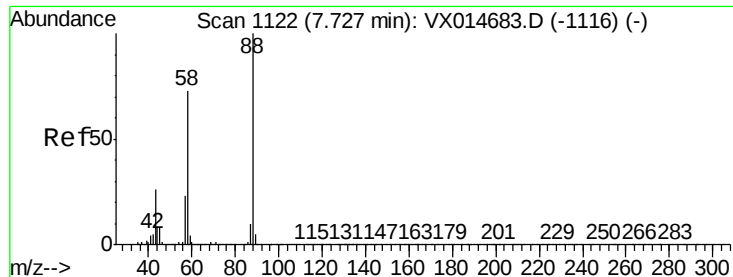
Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 91499 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 79.1  | 63.5  | 95.3  |
| 39        | 56.0  | 43.7  | 65.5  |





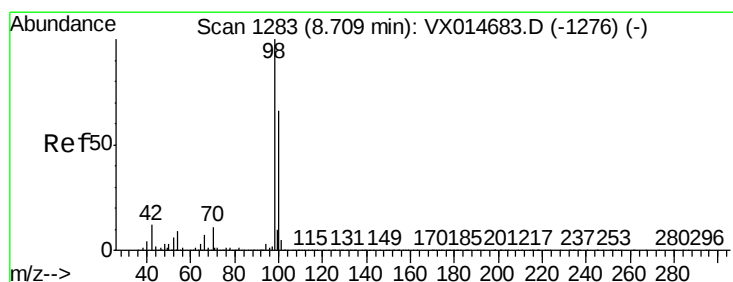
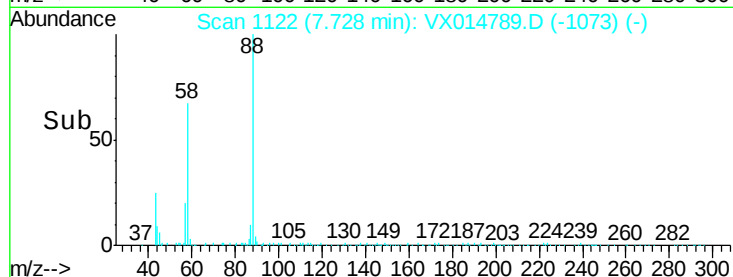
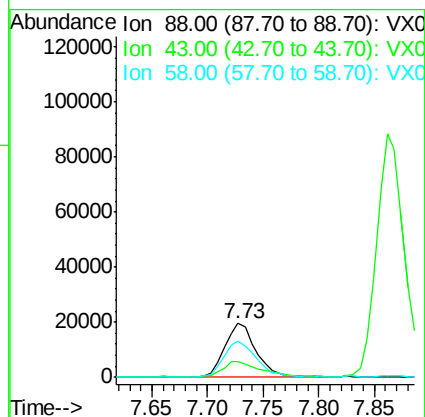
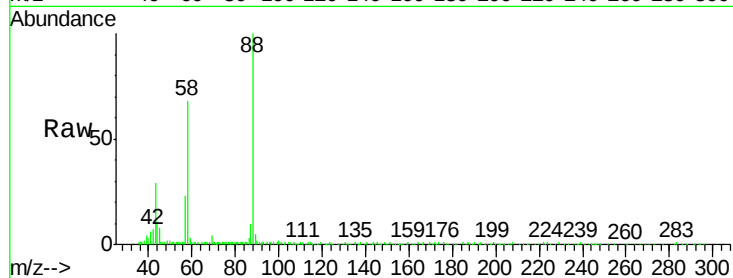
#49  
1,4-Dioxane  
Concen: 355.211 ug/l  
RT: 7.73 min Scan# 1122  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 33.8  | 26.2  | 39.2  |
| 58      | 76.1  | 56.6  | 85.0  |

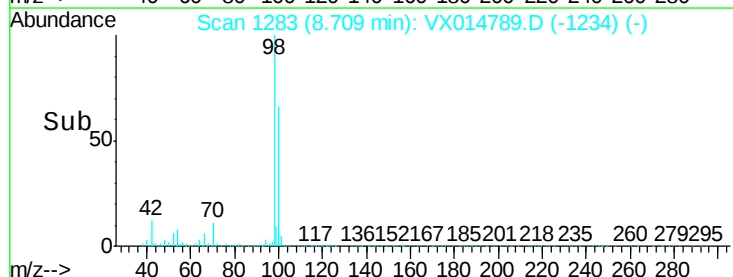
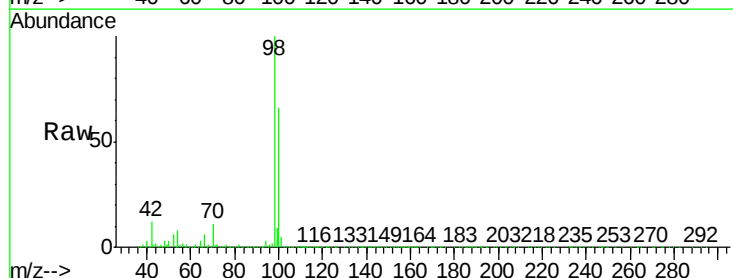
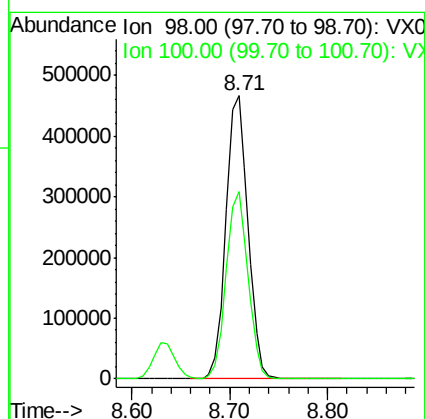
Manual Integrations  
APPROVED

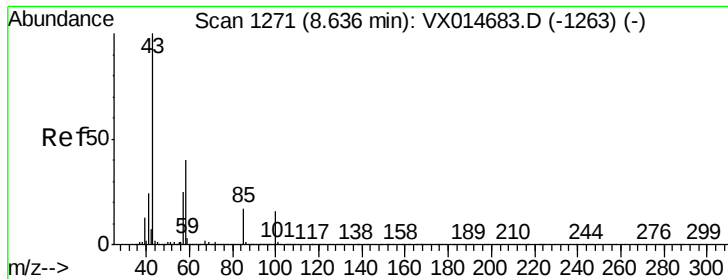
MMDadoda  
2/4/2020 3:32:07 PM



#50  
Toluene-d8  
Concen: 50.593 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.5  | 53.0  | 79.6  |





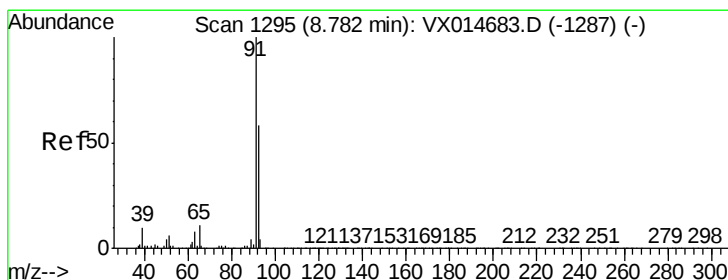
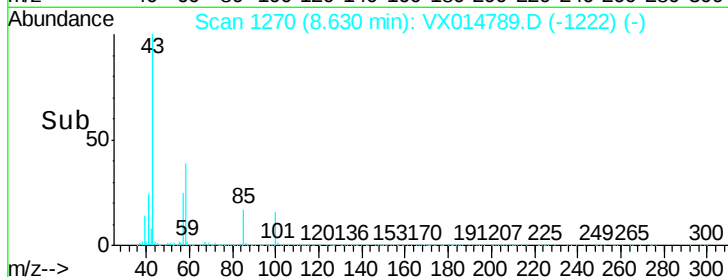
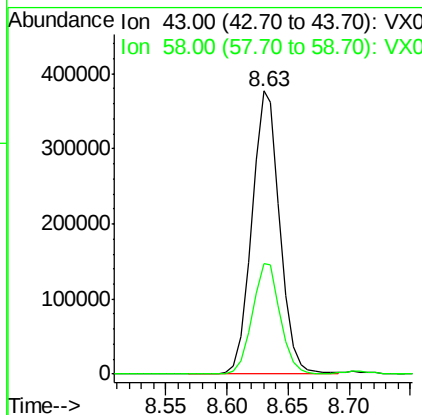
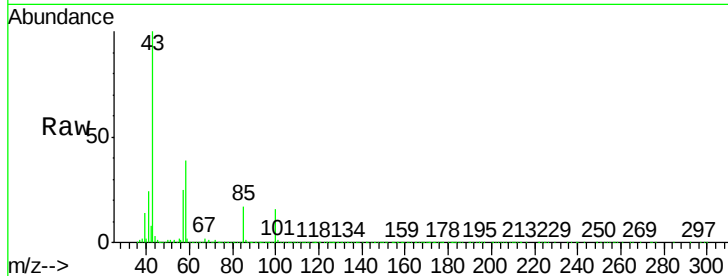
#51  
4-Methyl-2-Pentanone  
Concen: 91.148 ug/l  
RT: 8.63 min Scan# 1270  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 39.2  | 31.6  | 47.4  |

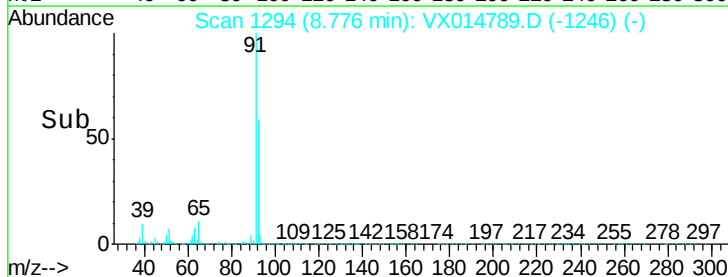
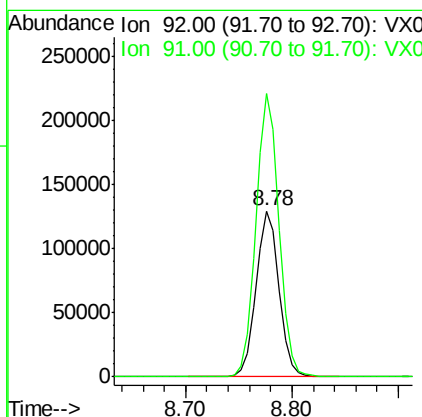
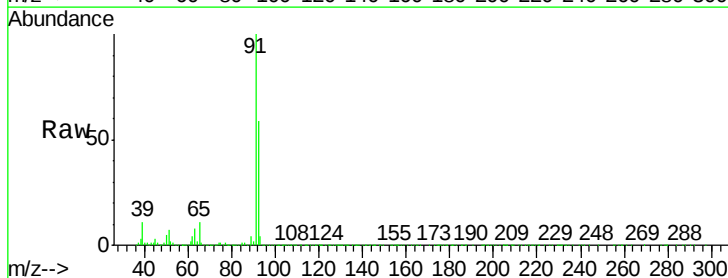
Manual Integrations  
APPROVED

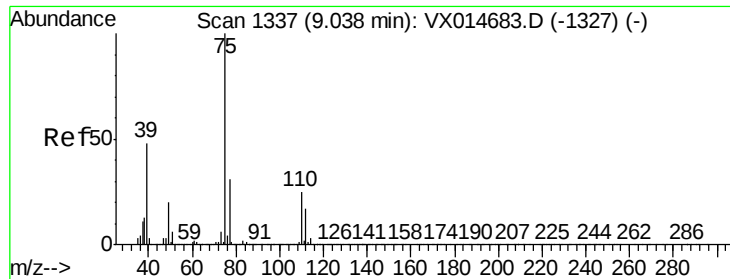
MMDadoda  
2/4/2020 3:32:07 PM



#52  
Toluene  
Concen: 18.510 ug/l  
RT: 8.78 min Scan# 1294  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 171.8 | 135.9 | 203.9 |





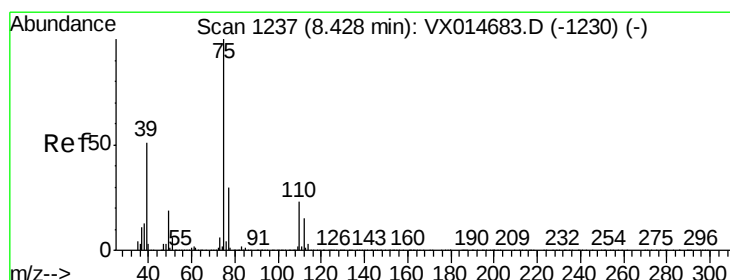
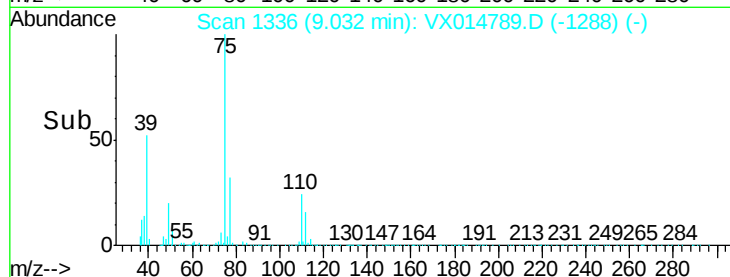
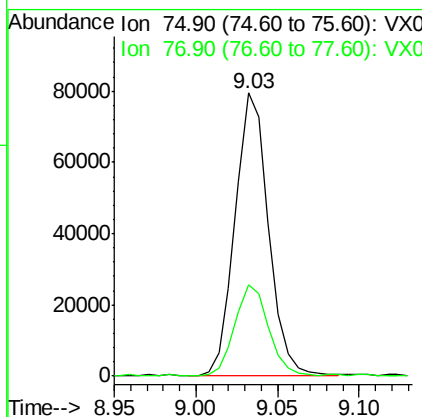
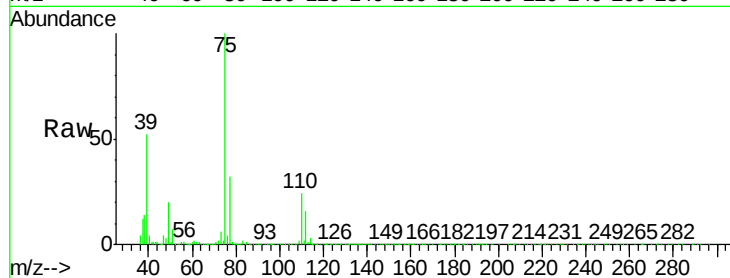
#53  
t-1,3-Dichloropropene  
Concen: 18.864 ug/l  
RT: 9.03 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.0  | 24.9  | 37.3  |

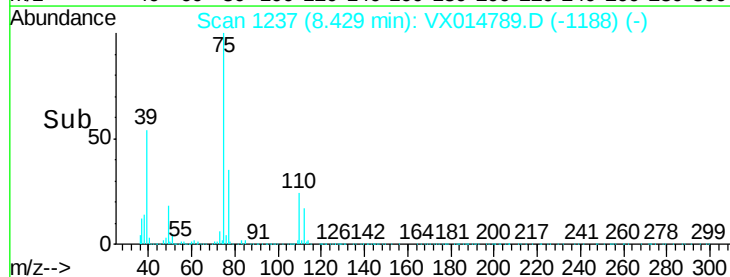
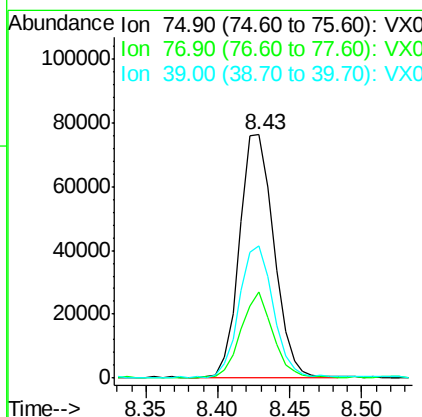
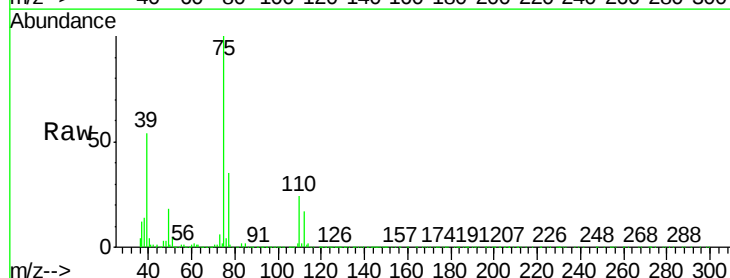
Manual Integrations  
APPROVED

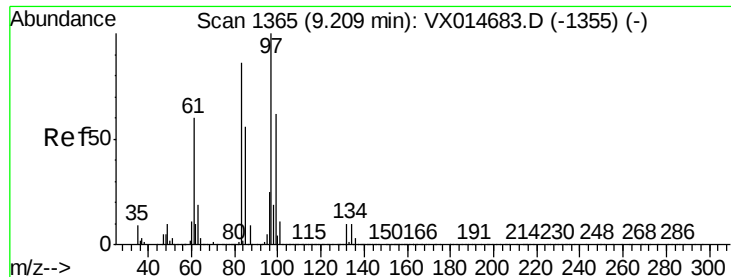
MMDadoda  
2/4/2020 3:32:07 PM



#54  
cis-1,3-Dichloropropene  
Concen: 19.172 ug/l  
RT: 8.43 min Scan# 1237  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 35.0  | 23.9  | 35.9  |
| 39      | 53.9  | 40.9  | 61.3  |





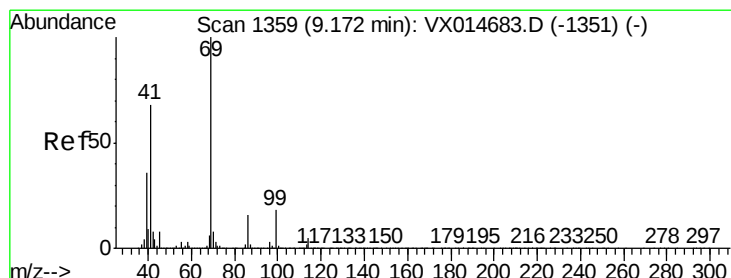
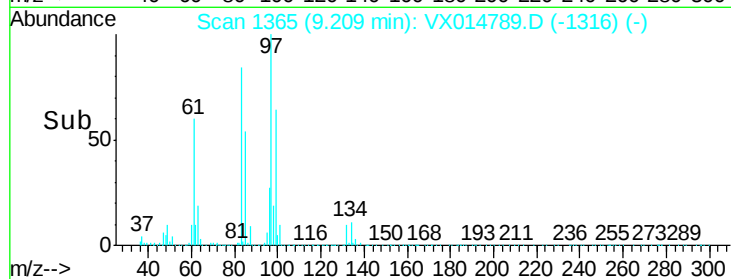
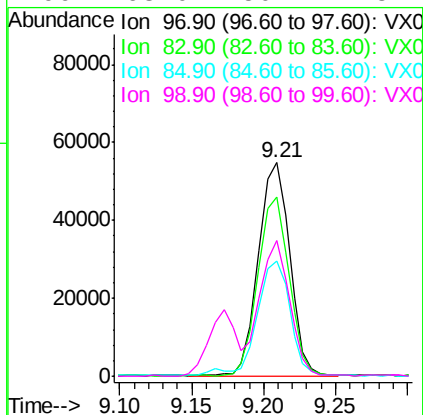
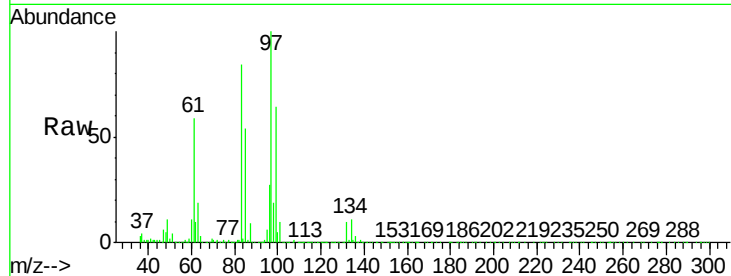
#55  
 1,1,2-Trichloroethane  
 Concen: 19.119 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. 0.00 min  
 Lab File: VX014789.D  
 Acq: 03 Feb 2020 11:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0203WBSD01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 82007 |       |       |
| 83      | 83.9 | 69.2  | 103.8 |       |       |
| 85      | 53.4 | 44.6  | 67.0  |       |       |
| 99      | 63.0 | 50.1  | 75.1  |       |       |

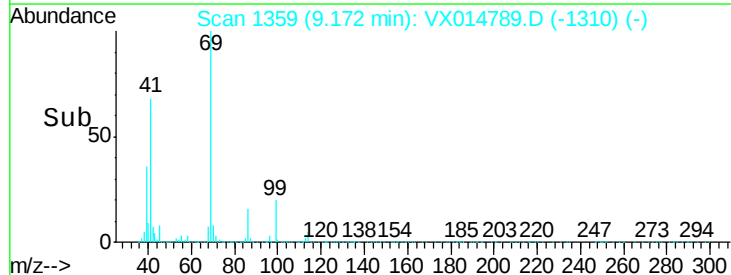
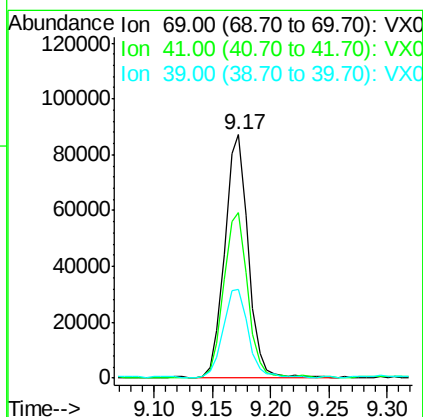
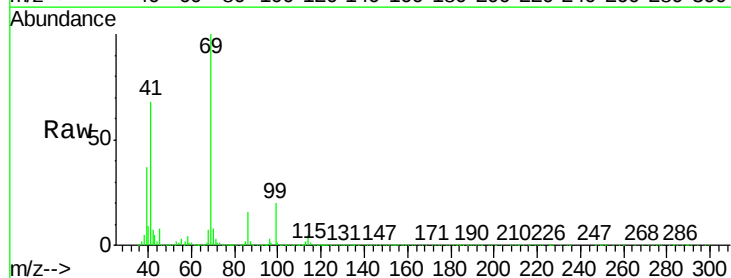
Manual Integrations  
 APPROVED

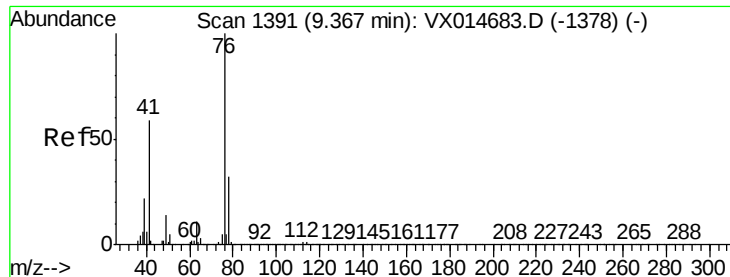
MMDadoda  
 2/4/2020 3:32:07 PM



#56  
 Ethyl methacrylate  
 Concen: 17.942 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VX014789.D  
 Acq: 03 Feb 2020 11:41

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 121842 |       |       |
| 41      | 68.4 | 54.9  | 82.3   |       |       |
| 39      | 38.2 | 29.3  | 43.9   |       |       |





#57

1,3-Dichloropropane

Concen: 18.946 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBSD01

Tot Ion: 76 Resp: 138914

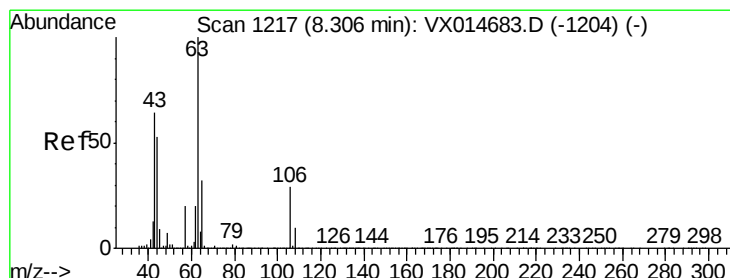
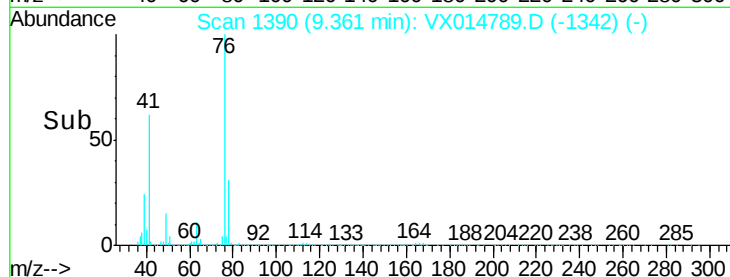
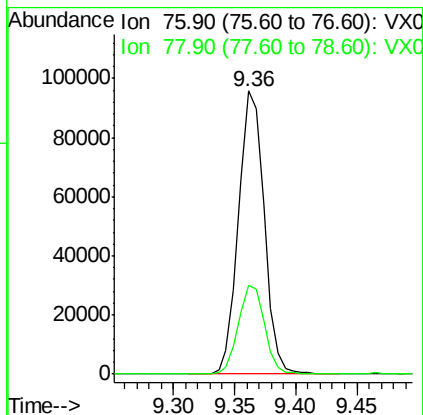
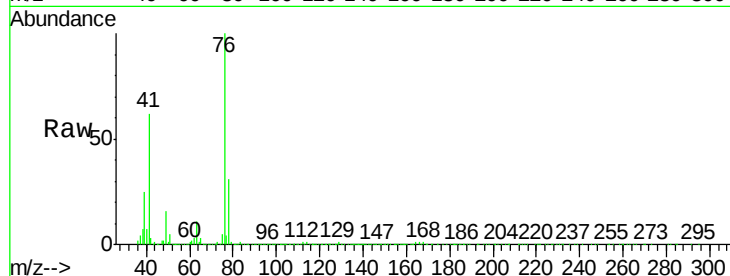
Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0

Manual Integrations  
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2/4/2020 3:32:07 PM



#58

2-Chloroethyl Vinyl ether

Concen: 96.970 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014789.D

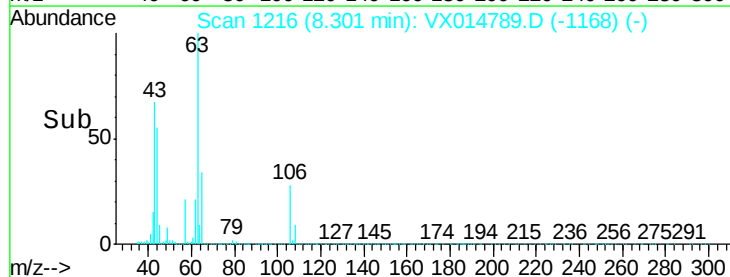
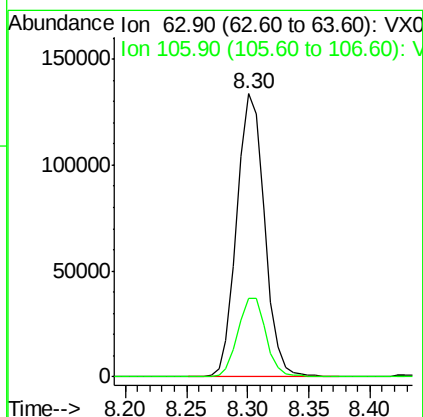
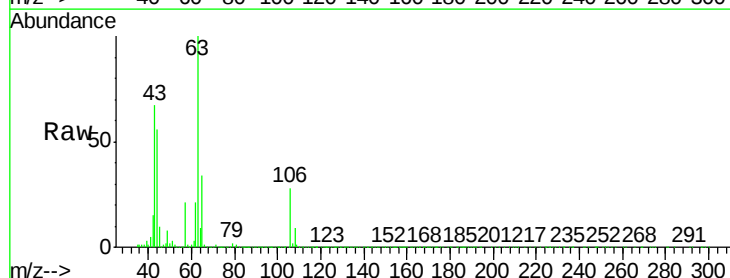
Acq: 03 Feb 2020 11:41

Tgt Ion: 63 Resp: 209174

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1





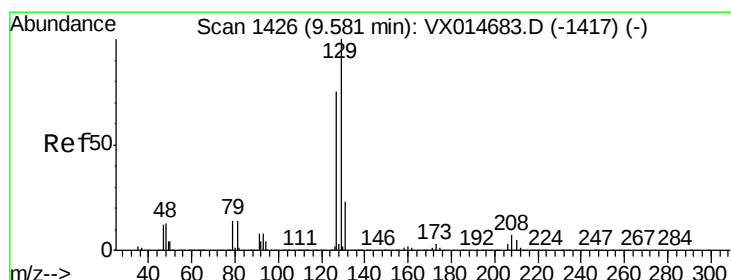
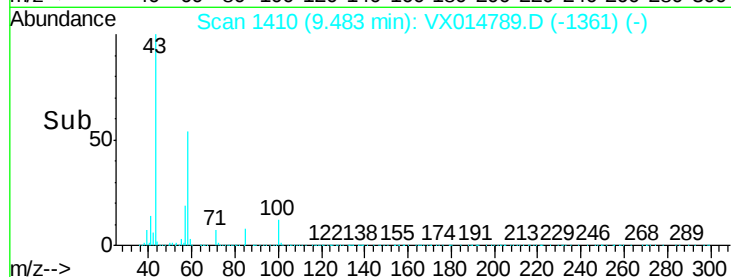
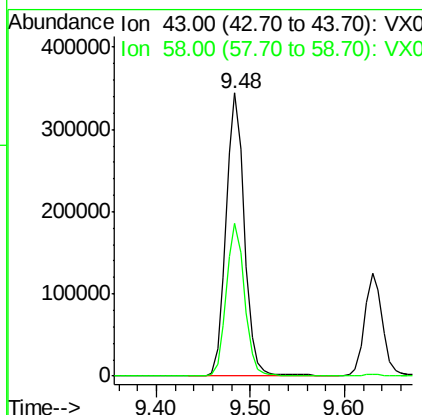
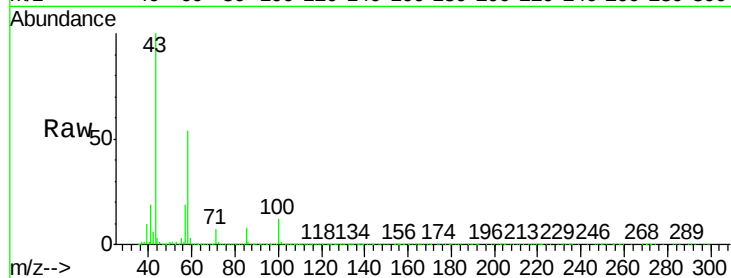
#59  
2-Hexanone  
Concen: 91.389 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

Tot Ion: 43 Resp: 463040  
Ion Ratio Lower Upper  
43 100  
58 54.2 27.2 81.5

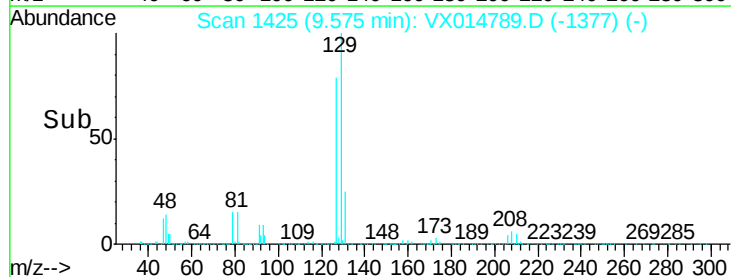
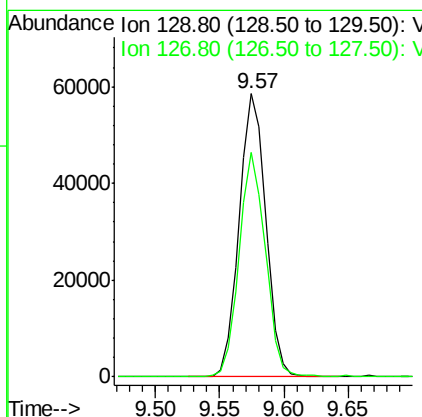
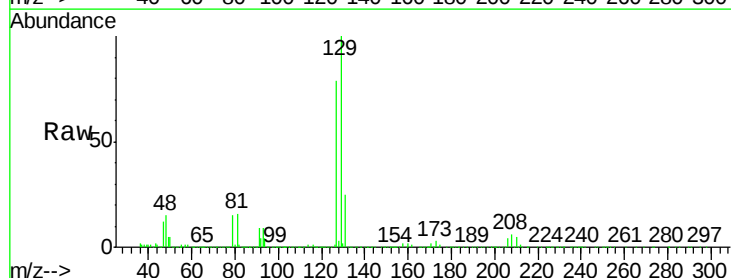
Manual Integrations  
APPROVED

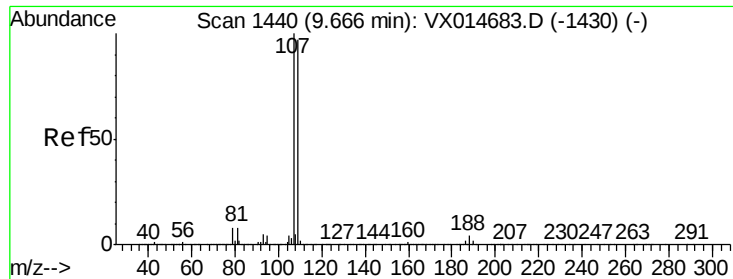
MMDadoda  
2/4/2020 3:32:07 PM



#60  
Dibromochloromethane  
Concen: 18.697 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Tgt Ion: 129 Resp: 83708  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.291 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBSD01

Tot Ion: 107 Resp: 87486

Ion Ratio Lower Upper

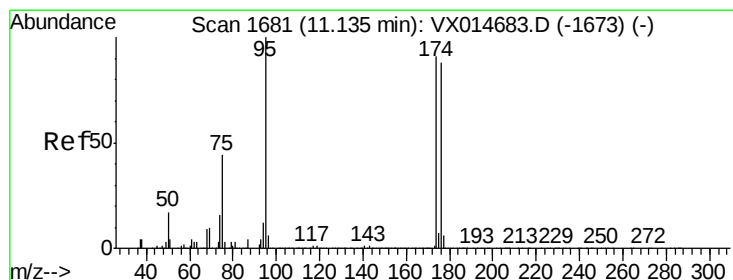
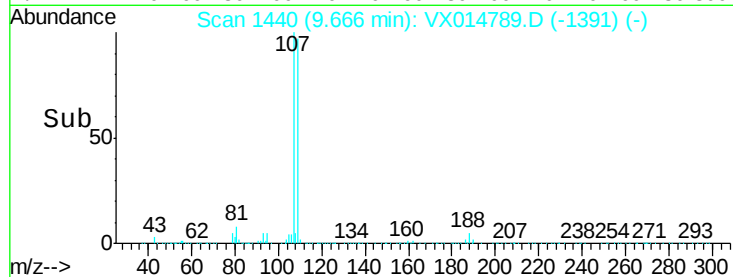
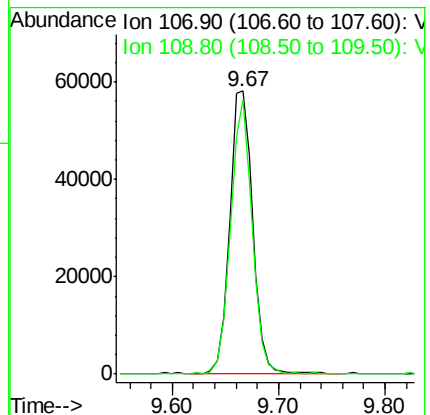
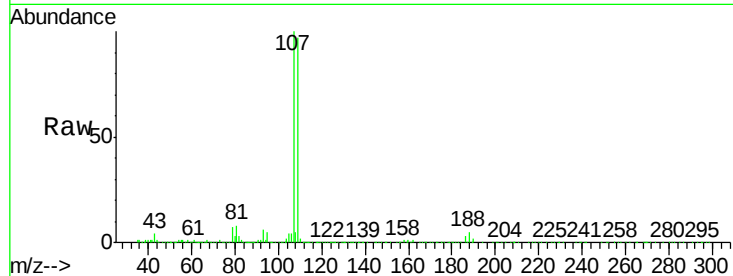
107 100

109 91.0 76.2 114.2

Manual Integrations  
APPROVED

MMDadoda

2/4/2020 3:32:07 PM



#62

4-Bromofluorobenzene

Concen: 49.620 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

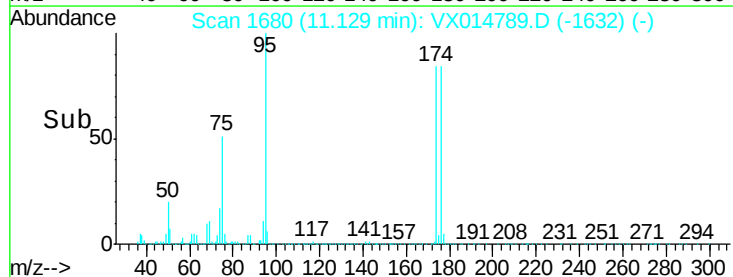
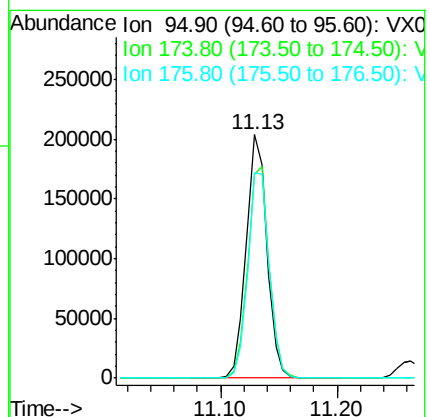
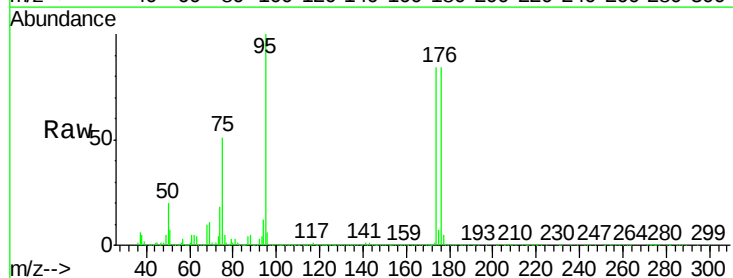
Tgt Ion: 95 Resp: 254526

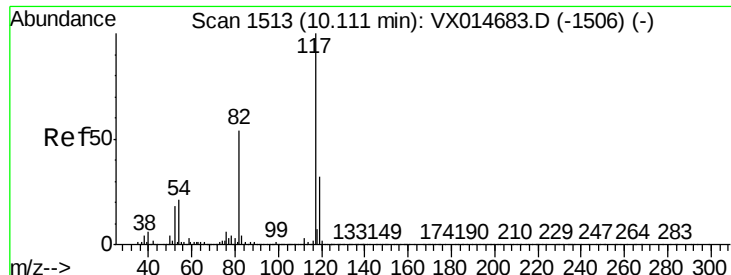
Ion Ratio Lower Upper

95 100

174 90.2 0.0 176.0

176 87.3 0.0 172.2





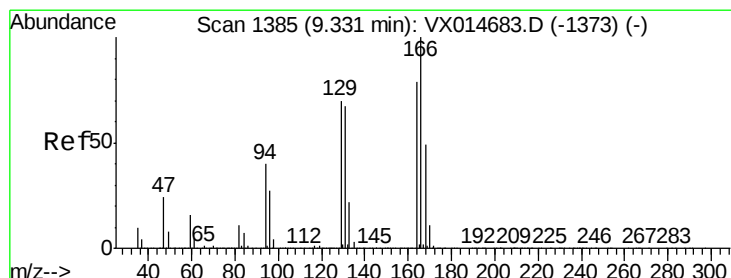
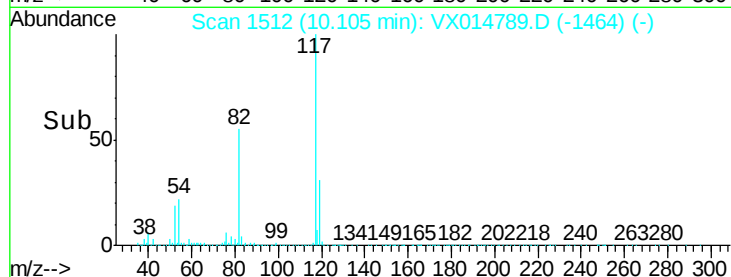
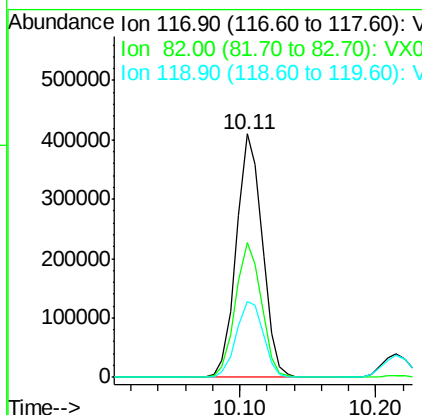
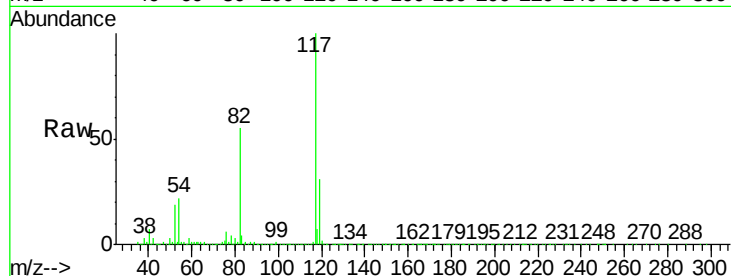
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1512  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.3  | 43.2  | 64.8  |
| 119     | 31.3  | 25.8  | 38.6  |

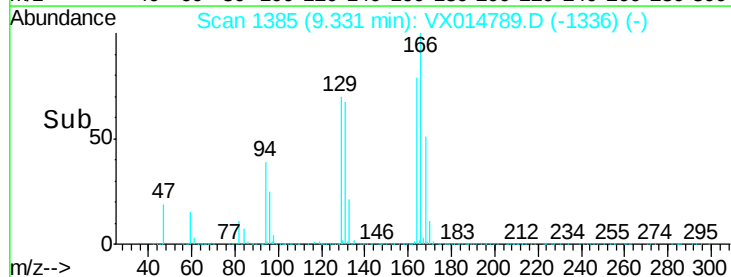
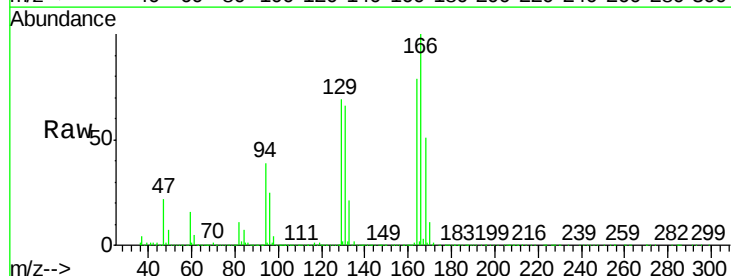
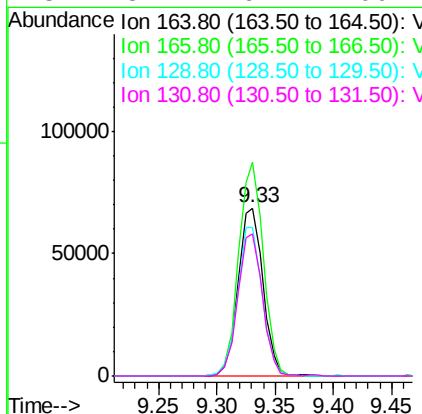
Manual Integrations  
APPROVED

MMDadoda  
2/4/2020 3:32:07 PM



#64  
Tetrachloroethene  
Concen: 19.057 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 126.8 | 100.9 | 151.3 |
| 129     | 88.0  | 71.0  | 106.6 |
| 131     | 84.2  | 67.1  | 100.7 |





#65

Chlorobenzene

Concen: 18.044 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBSD01

Tot Ion:112 Resp: 209914

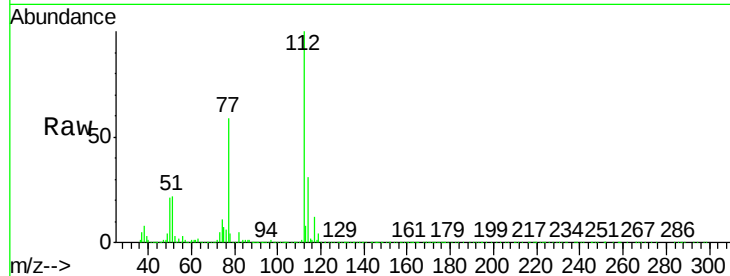
Ion Ratio Lower Upper

112 100

114 31.1 25.8 38.8

Manual Integrations  
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2/4/2020 3:32:07 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.13

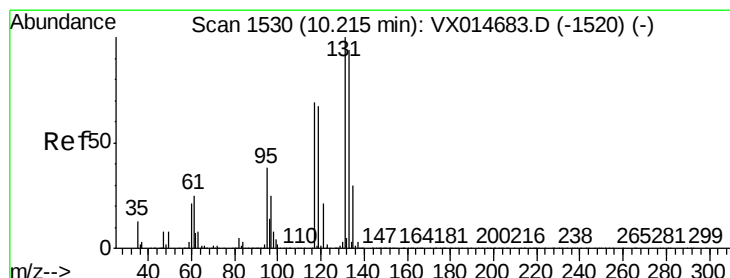
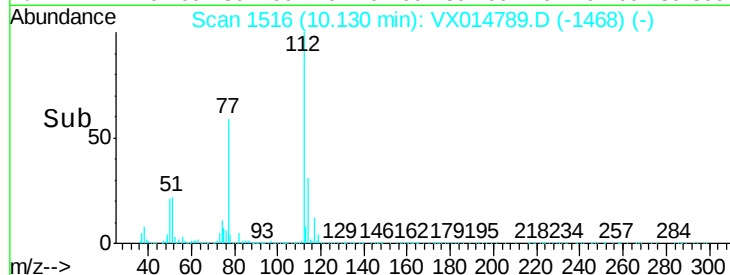
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.112 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

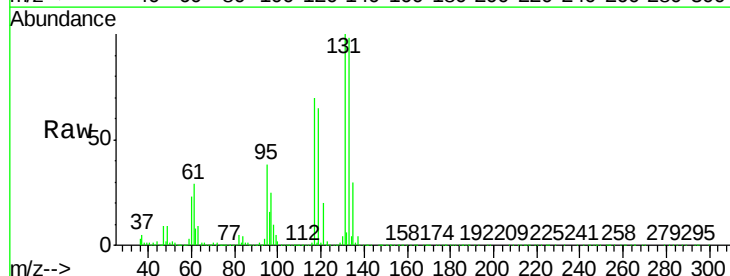
Tgt Ion:131 Resp: 77690

Ion Ratio Lower Upper

131 100

133 97.4 47.4 142.3

119 66.6 33.3 99.8



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

10.21

80000

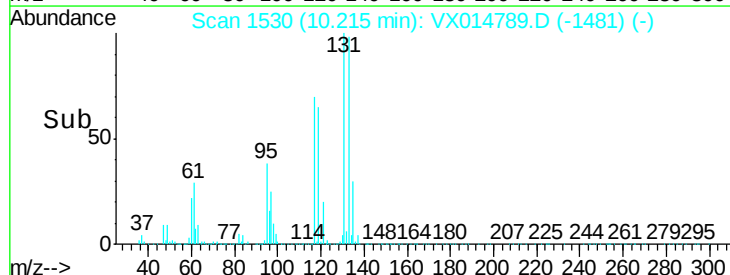
60000

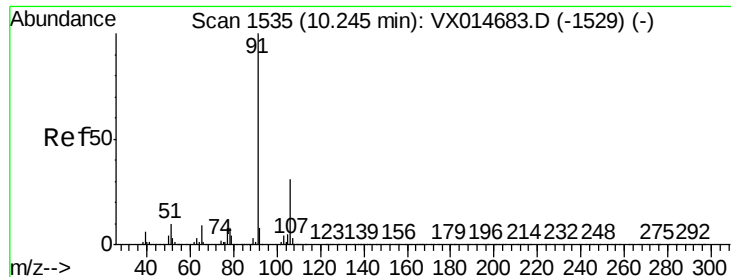
40000

20000

0

Time-->





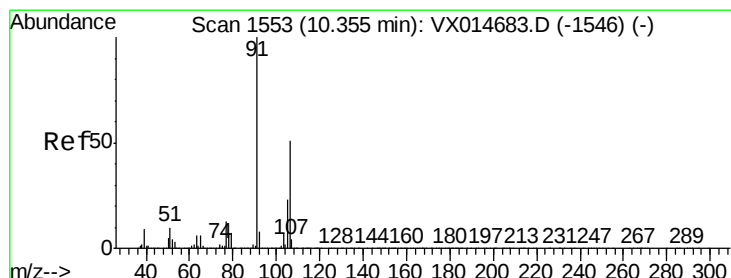
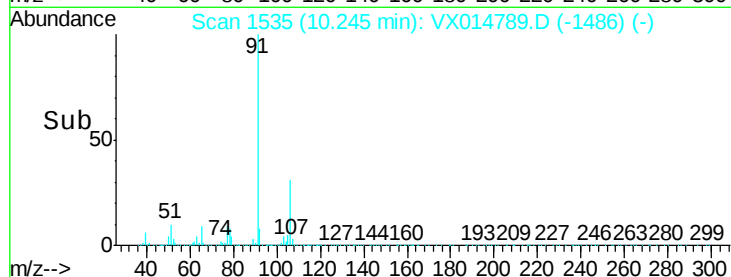
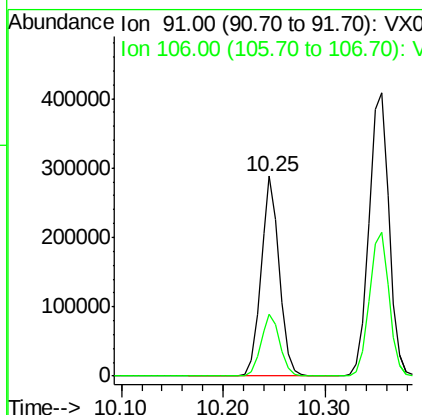
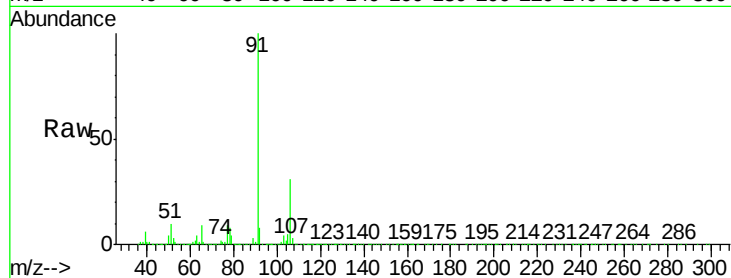
#67  
Ethyl Benzene  
Concen: 18.228 ug/l  
RT: 10.25 min Scan# 1535  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 91      | 100  |       | 362100 |       |       |
| 106     | 31.0 |       | 24.9   |       | 37.3  |

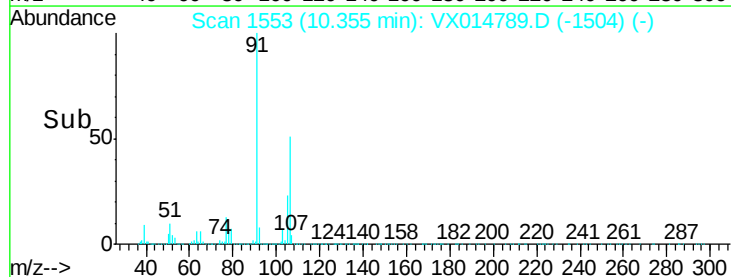
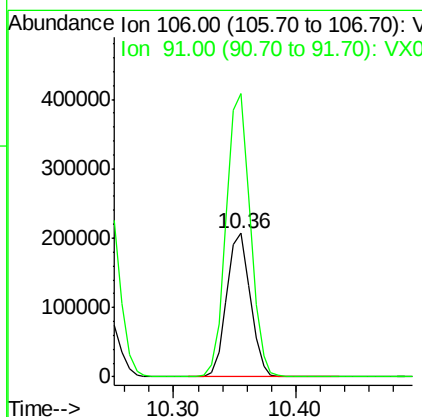
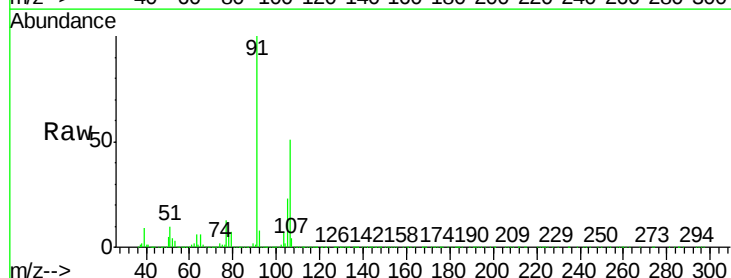
Manual Integrations  
APPROVED

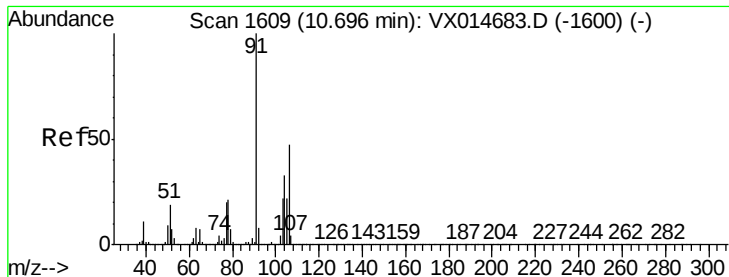
MMDadoda  
2/4/2020 3:32:07 PM



#68  
m/p-Xylenes  
Concen: 36.795 ug/l  
RT: 10.36 min Scan# 1553  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 276904 |       |       |
| 91      | 200.0 |       | 159.4  |       | 239.2 |





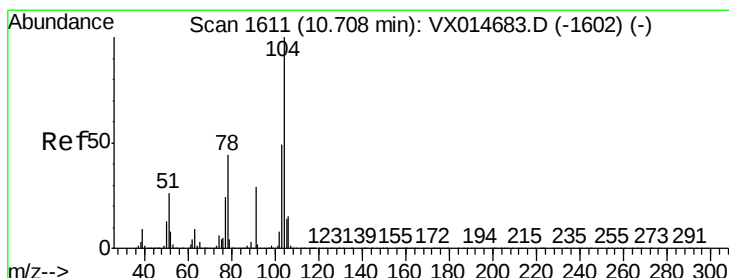
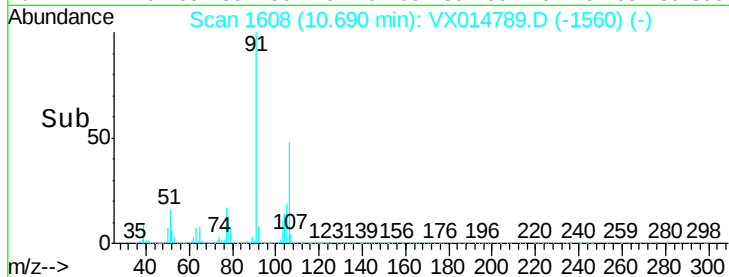
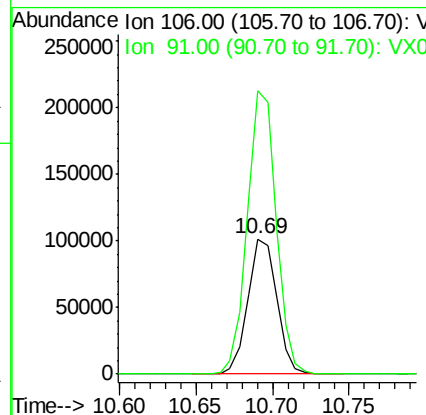
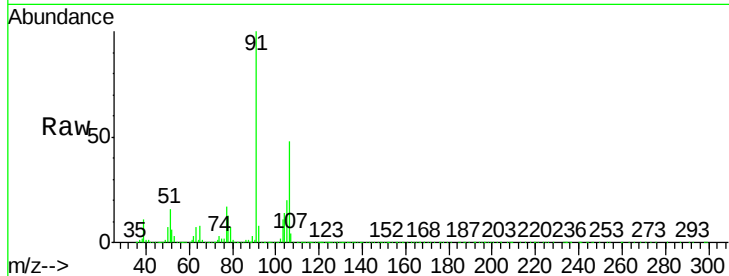
#69  
o-Xylene  
Concen: 18.405 ug/l  
RT: 10.69 min Scan# 1608  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 209.6 | 106.2 | 318.6 |

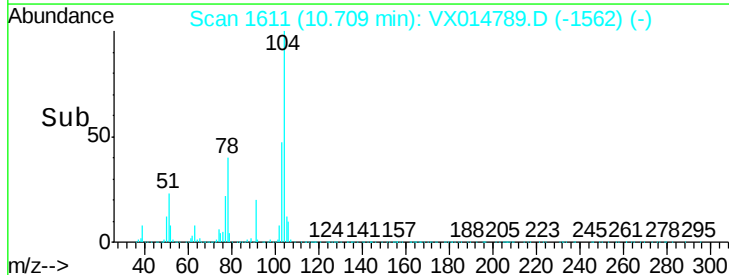
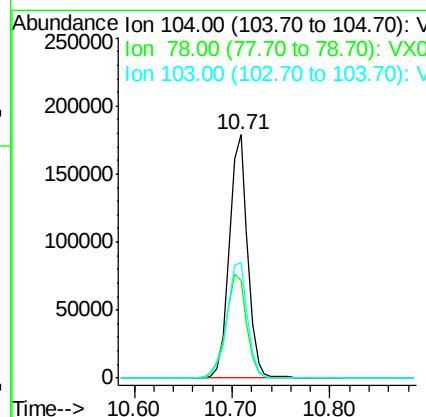
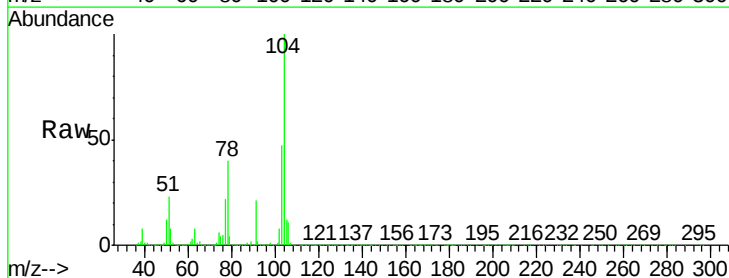
Manual Integrations  
APPROVED

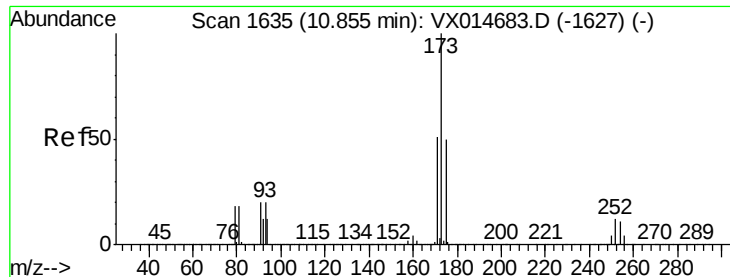
MMDadoda  
2/4/2020 3:32:07 PM



#70  
Styrene  
Concen: 19.048 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 48.3  | 39.3  | 58.9  |
| 103     | 53.5  | 43.5  | 65.3  |





#71

Bromoform

Concen: 18.638 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

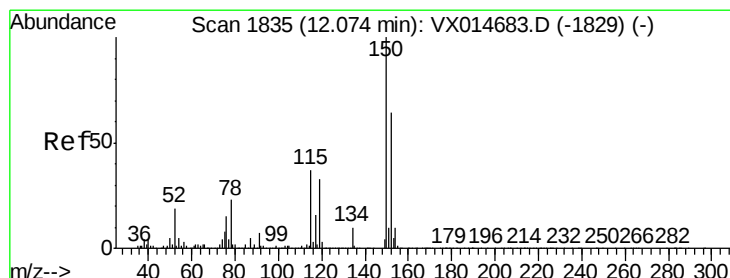
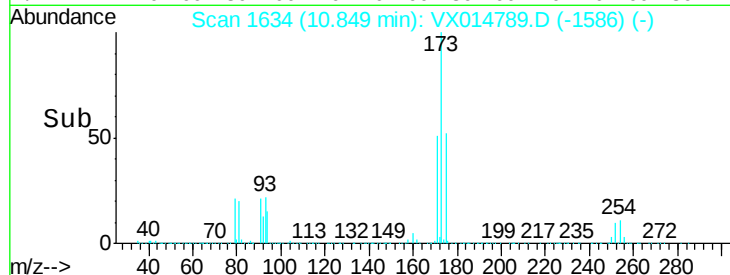
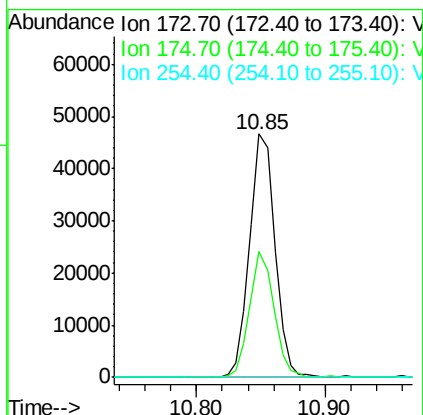
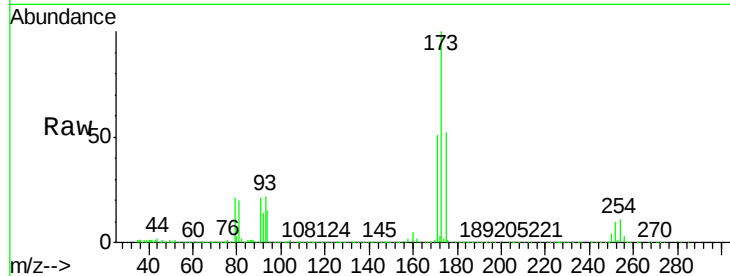
ClientSampleId :

VX0203WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 173   | Resp: | 63578 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 49.1  | 24.6  | 73.6  |
| 254       | 0.1   | 0.1   | 0.1#  |

Manual Integrations  
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MMDadoda  
2/4/2020 3:32:07 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

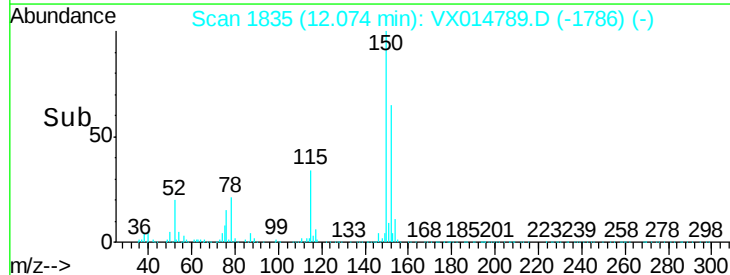
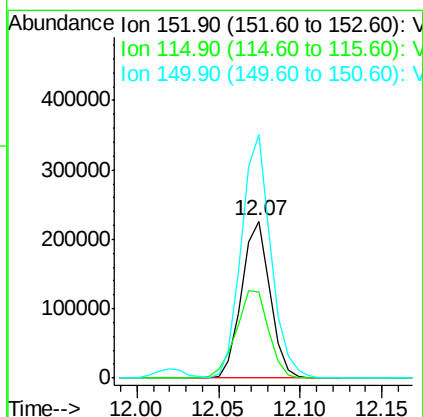
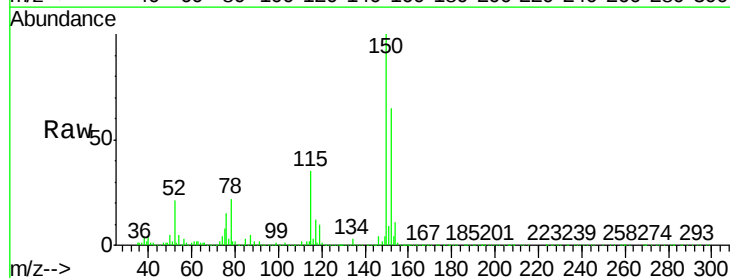
RT: 12.07 min Scan# 1835

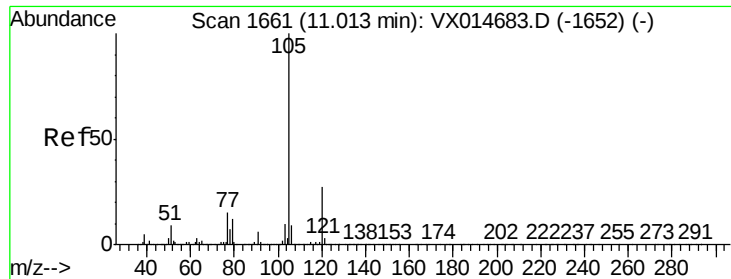
Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 274599 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 63.8  | 39.4  | 118.1  |
| 150       | 161.5 | 0.0   | 351.2  |





#73

Isopropylbenzene

Concen: 18.685 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBSD01

Tot Ion: 105 Resp: 360770

Ion Ratio Lower Upper

105 100

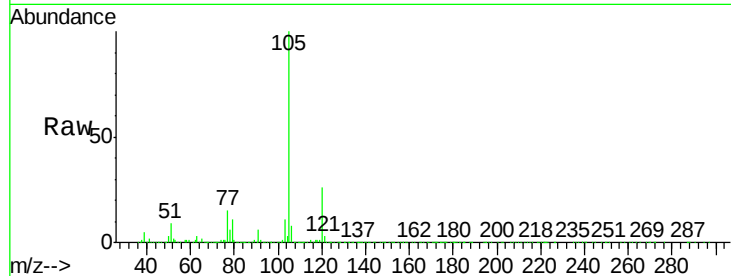
120 26.4

13.5

40.5

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2/4/2020 3:32:07 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

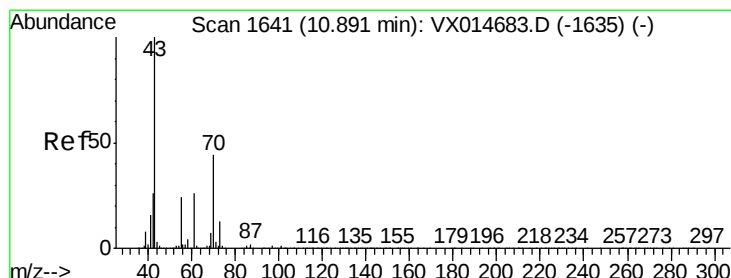
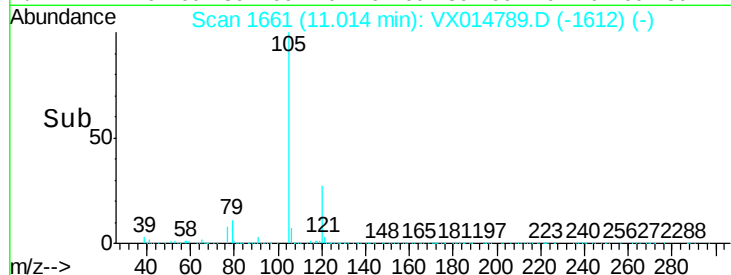
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 17.953 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Tgt Ion: 43 Resp: 151903

Ion Ratio Lower Upper

43 100

70 42.4

34.6

52.0

55 25.7

19.4

29.2

61 24.5

19.8

29.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

200000

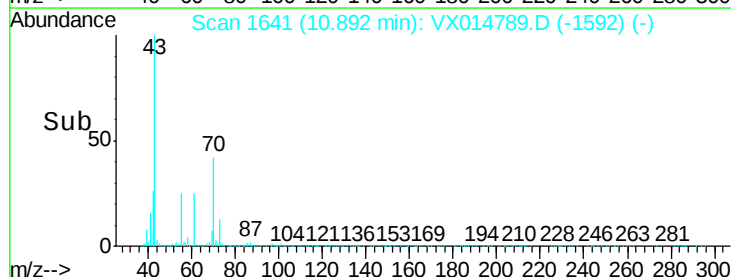
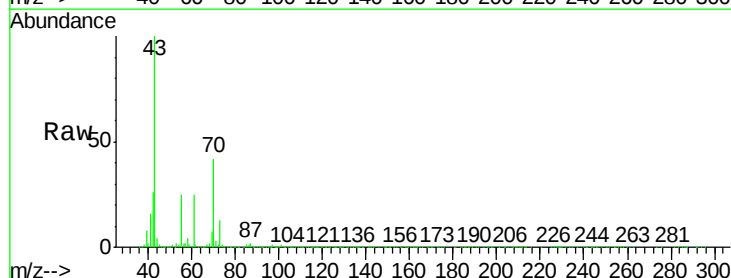
150000

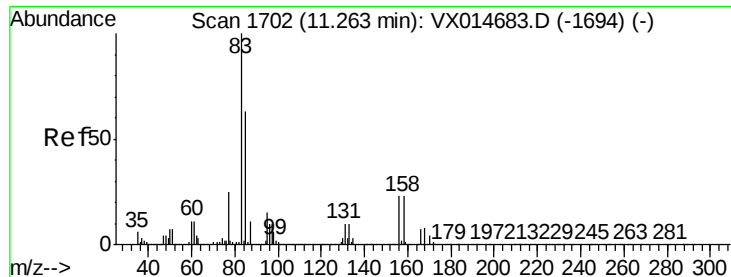
100000

50000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 17.378 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

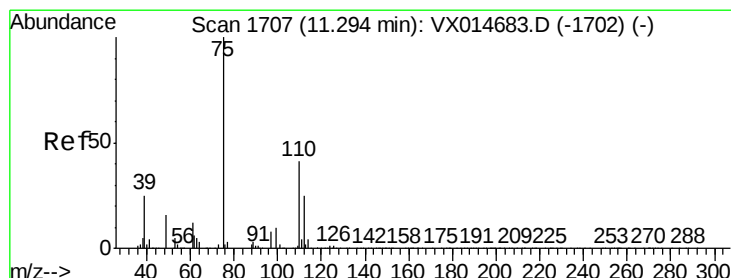
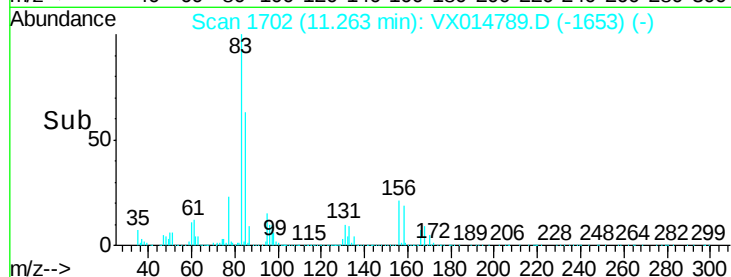
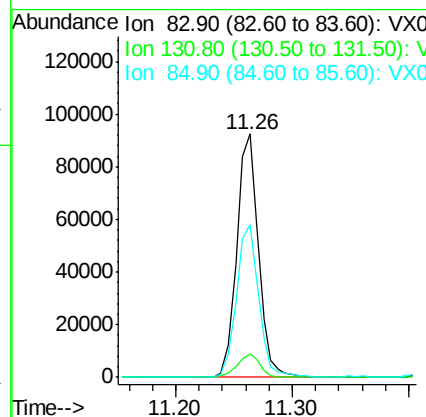
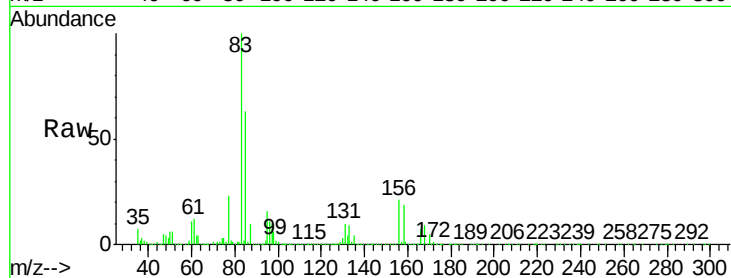
ClientSampleId :

VX0203WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 119805 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.3  | 5.0   | 15.0   |
| 85        | 64.3  | 31.7  | 95.1   |

Manual Integrations  
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2/4/2020 3:32:07 PM



#76

1,2,3-Trichloropropane

Concen: 16.627 ug/l m

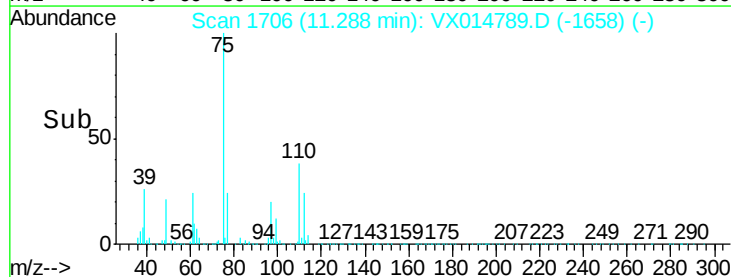
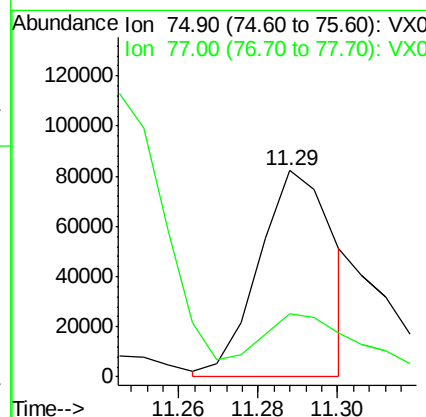
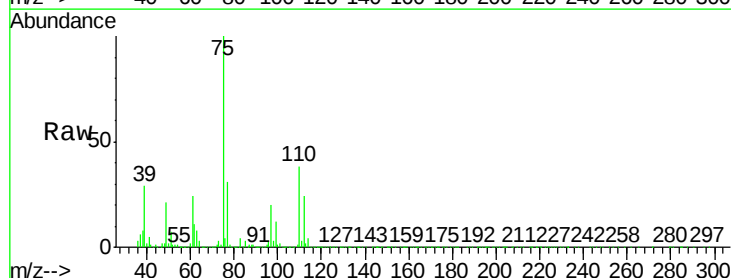
RT: 11.29 min Scan# 1706

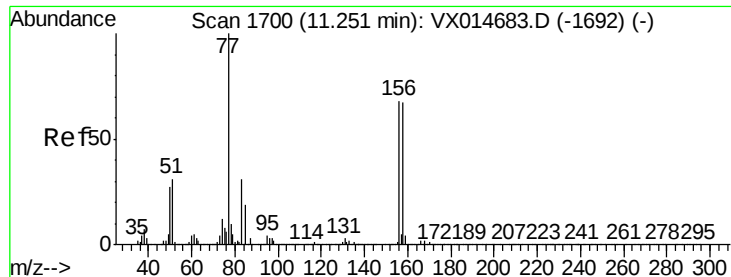
Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 106228 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 42.3  | 18.7  | 56.1   |





#77

Bromobenzene

Concen: 18.630 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

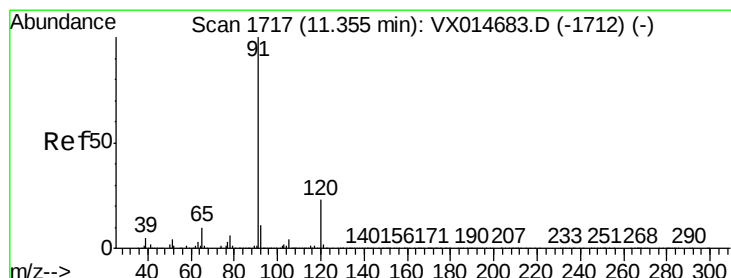
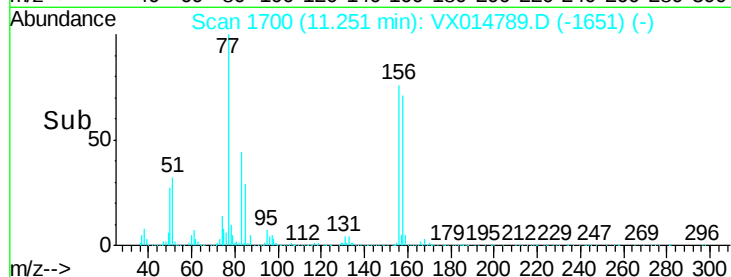
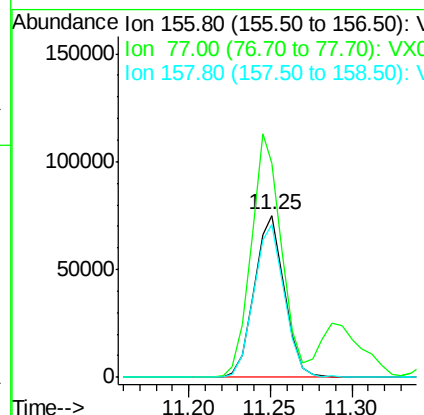
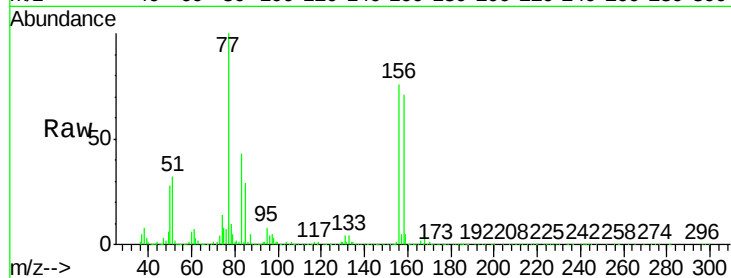
ClientSampleId :

VX0203WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 96634 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 150.0 | 77.5  | 232.5 |
| 158       | 95.6  | 49.1  | 147.3 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 18.484 ug/l

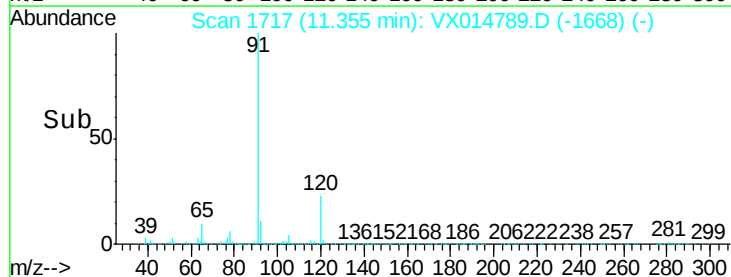
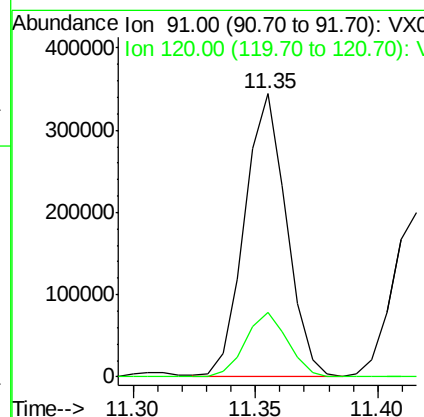
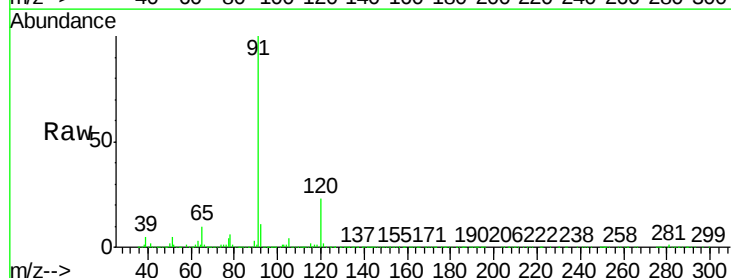
RT: 11.35 min Scan# 1717

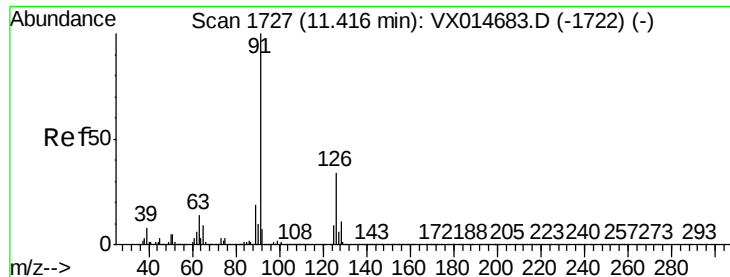
Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 405106 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.2  | 11.7  | 35.0   |





#79

2-Chlorotoluene

Concen: 18.525 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBSD01

Tot Ion: 91 Resp: 245655

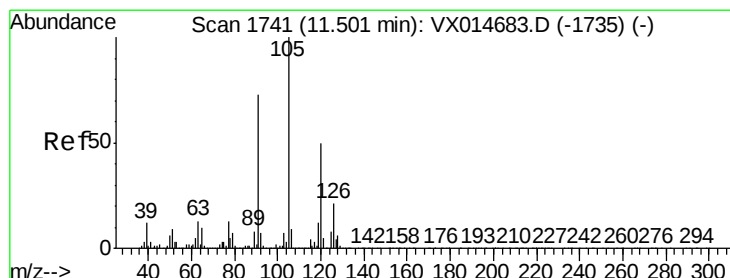
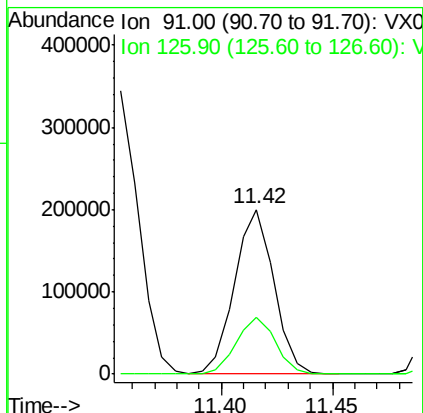
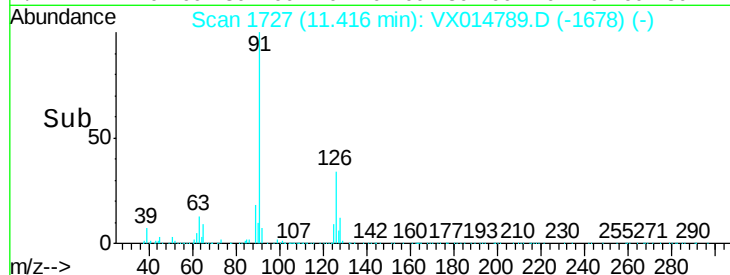
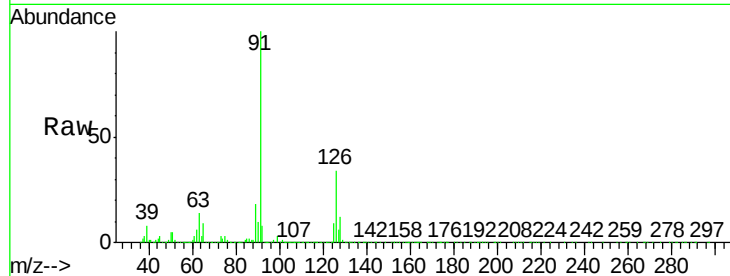
Ion Ratio Lower Upper

91 100

126 34.5 17.3 51.9

Manual Integrations  
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#80

1,3,5-Trimethylbenzene

Concen: 18.835 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014789.D

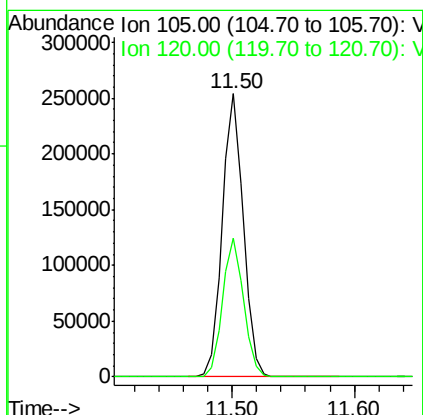
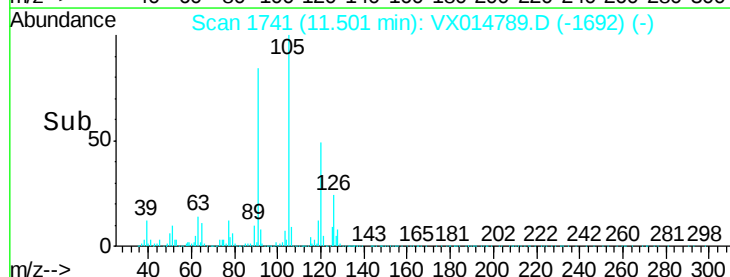
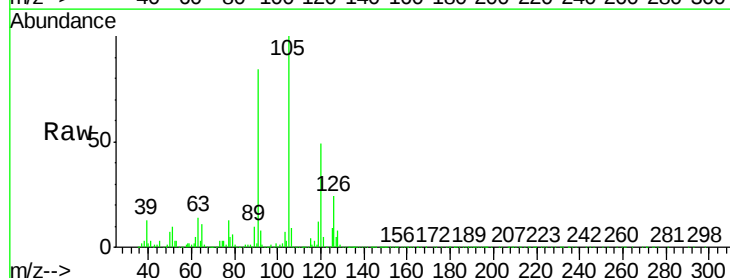
Acq: 03 Feb 2020 11:41

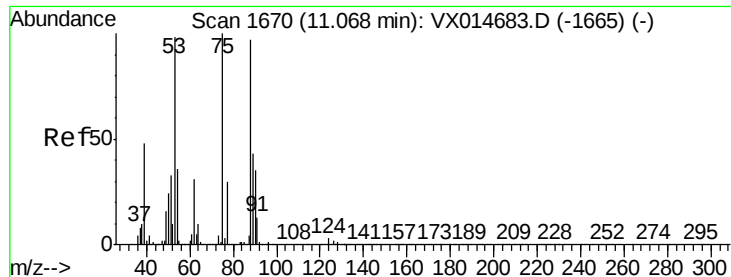
Tgt Ion: 105 Resp: 301831

Ion Ratio Lower Upper

105 100

120 49.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.048 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

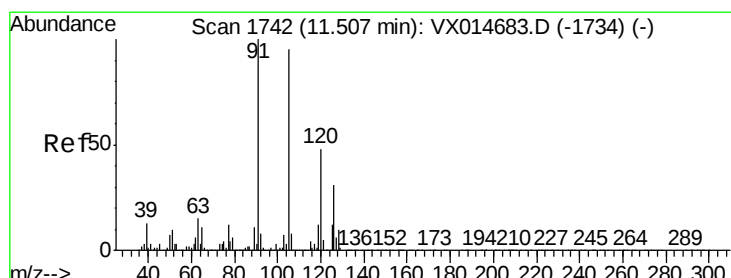
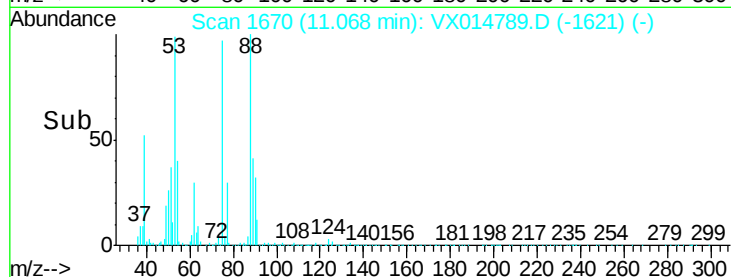
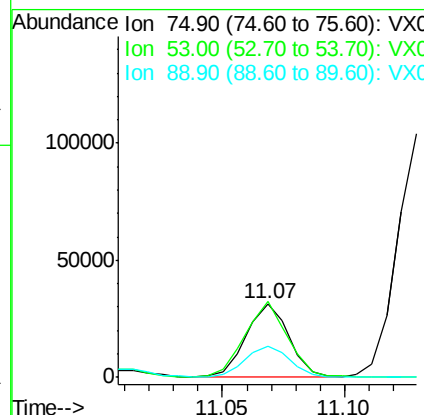
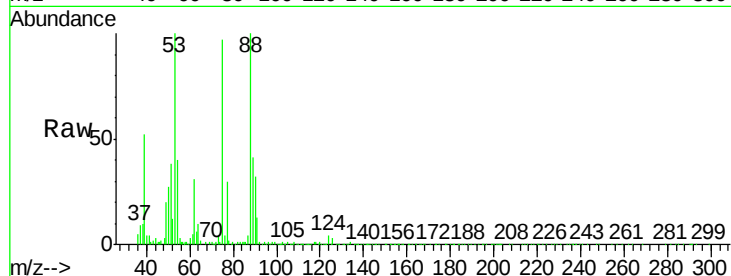
ClientSampleId :

VX0203WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 38273 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 100.9 | 78.8  | 118.2 |
| 89        | 43.5  | 35.4  | 53.0  |

Manual Integrations  
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2/4/2020 3:32:07 PM



#82

4-Chlorotoluene

Concen: 18.583 ug/l

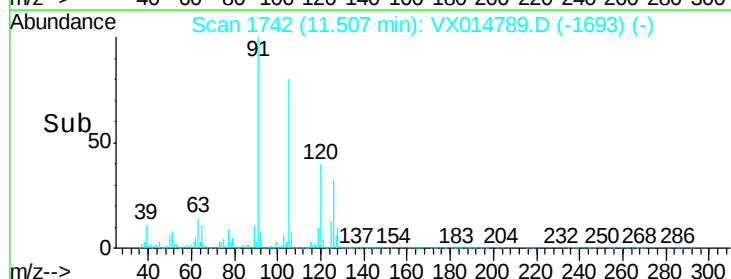
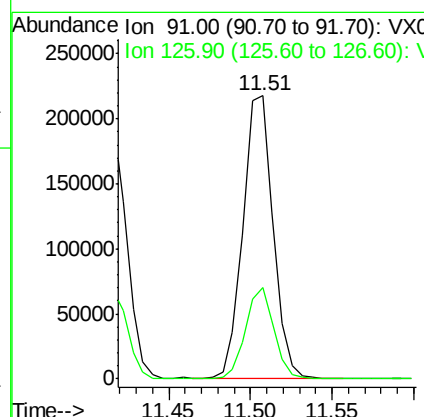
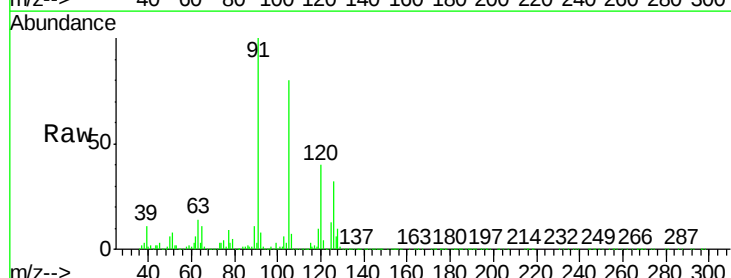
RT: 11.51 min Scan# 1742

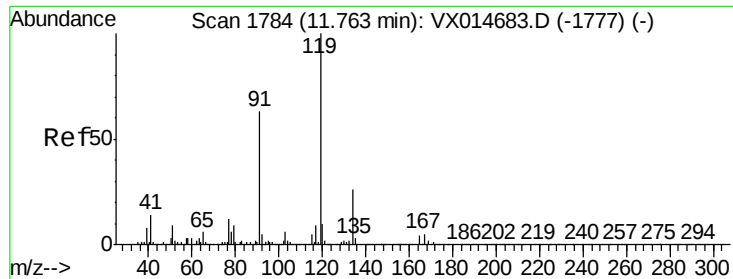
Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 280536 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 30.4  | 15.4  | 46.4   |





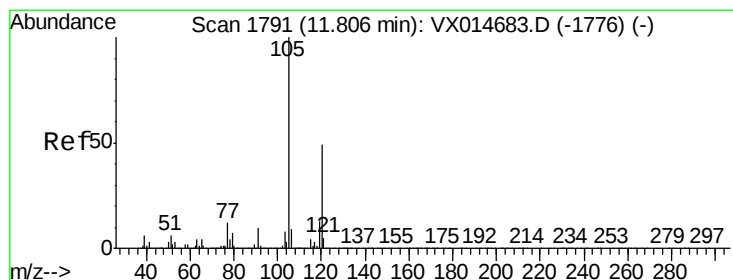
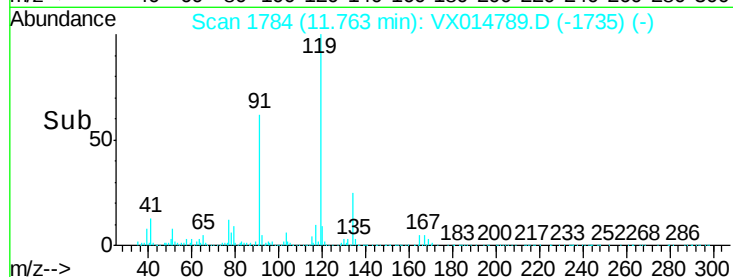
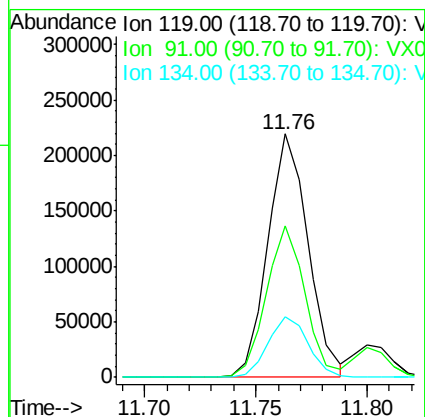
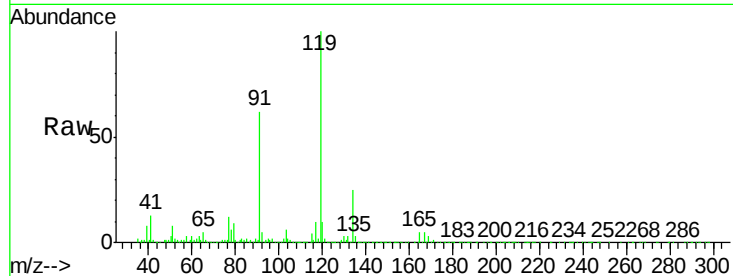
#83  
tert-Butylbenzene  
Concen: 18.326 ug/l  
RT: 11.76 min Scan# 1784  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 275960 |       |       |
| 91      | 59.7  | 30.0   | 90.0  |       |
| 134     | 24.8  | 12.7   | 38.0  |       |

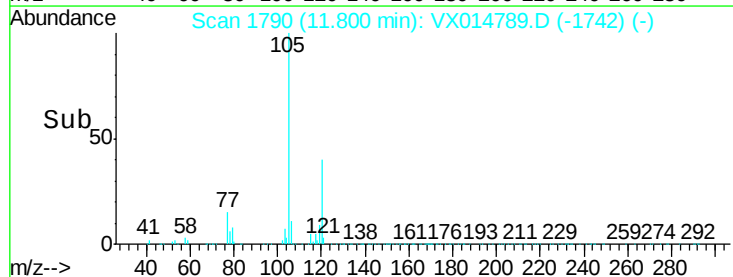
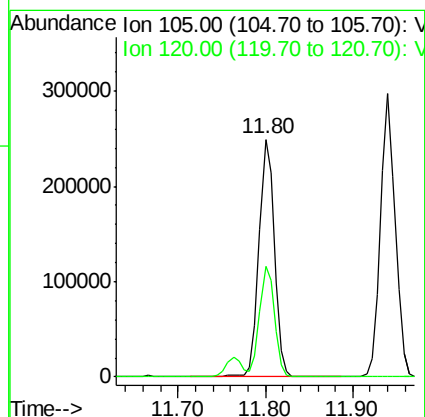
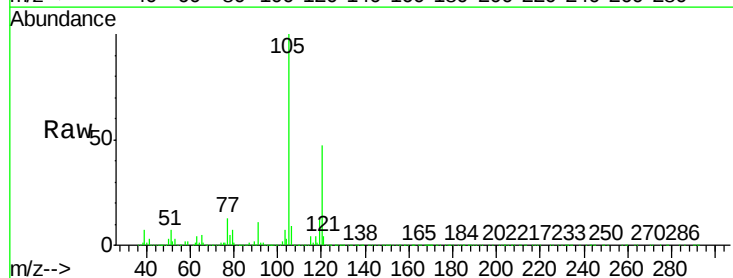
Manual Integrations  
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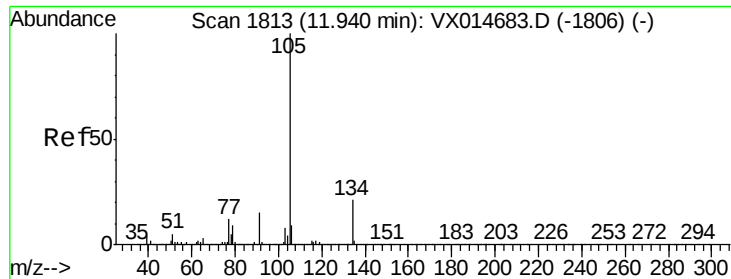
MMDadoda  
2/4/2020 3:32:07 PM



#84  
1,2,4-Trimethylbenzene  
Concen: 18.797 ug/l  
RT: 11.80 min Scan# 1790  
Delta R.T. -0.01 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 302129 |       |       |
| 120     | 44.9  | 23.4   | 70.0  |       |





#85

sec-Butylbenzene

Concen: 18.991 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0203WBSD01

Tot Ion:105 Resp: 350337

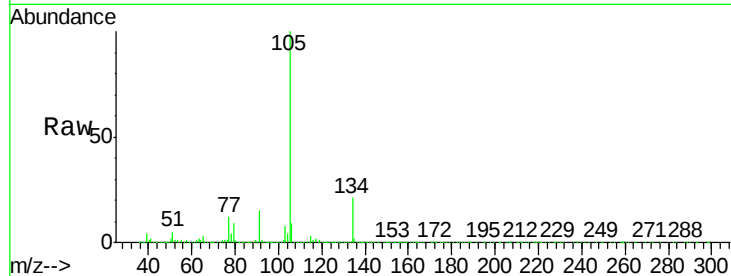
Ion Ratio Lower Upper

105 100

134 21.0 10.3 30.8

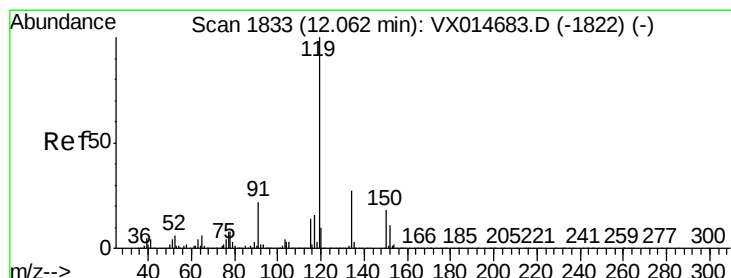
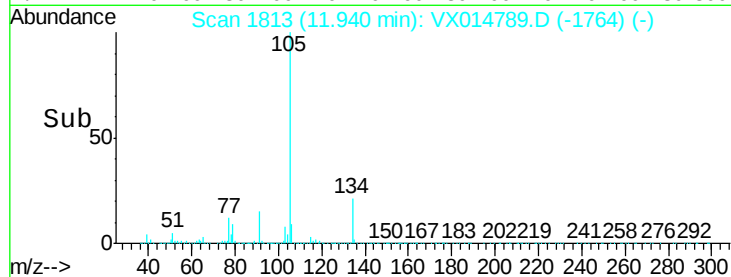
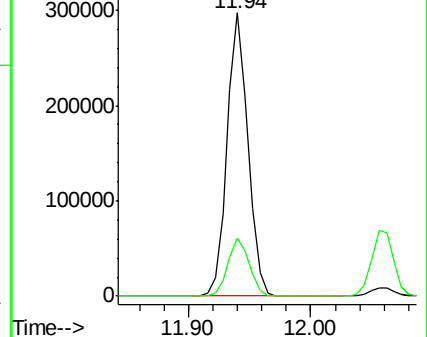
Manual Integrations  
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2/4/2020 3:32:07 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.776 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

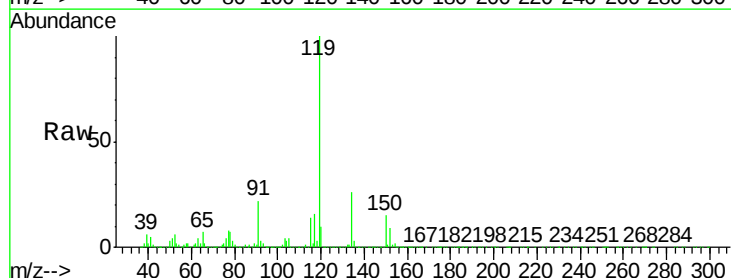
Tgt Ion:119 Resp: 320100

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

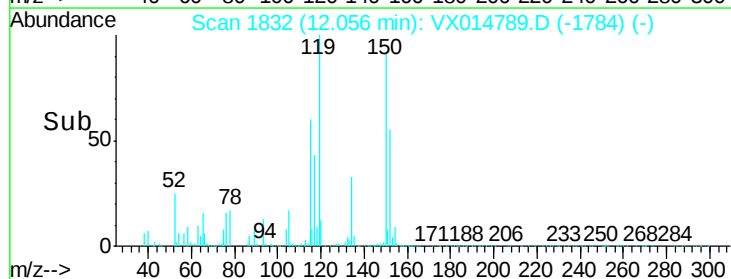
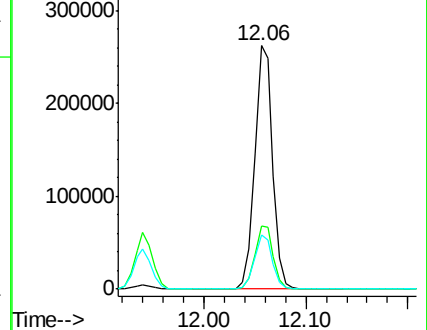
91 22.2 11.3 33.8

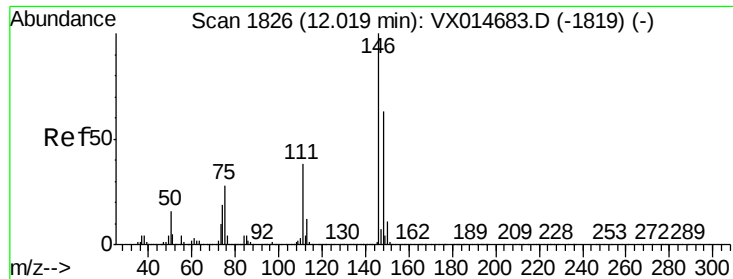


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





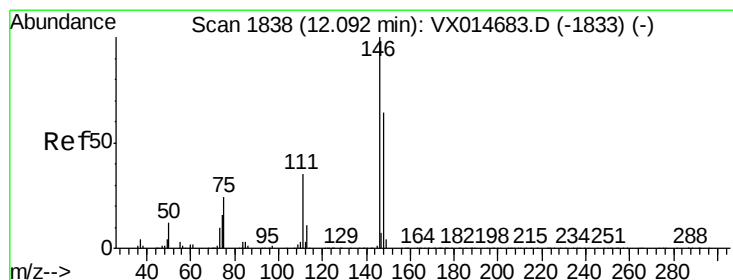
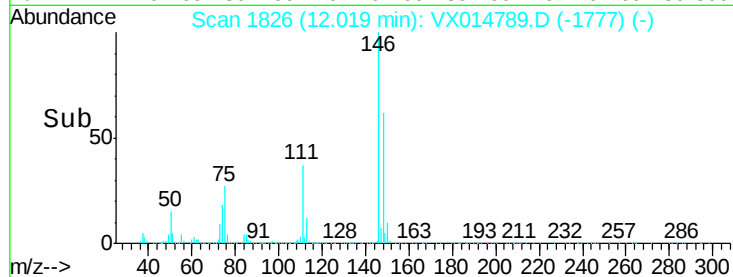
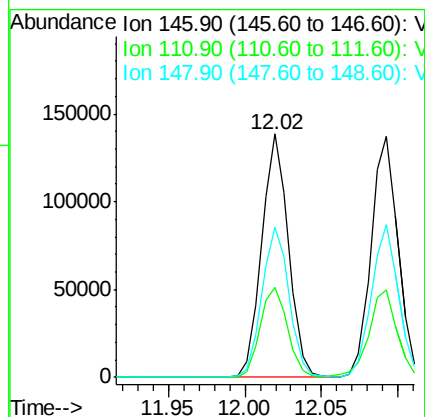
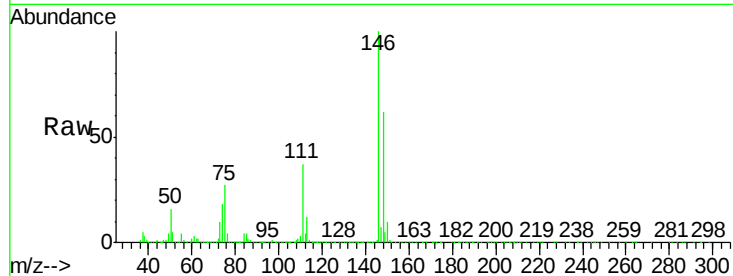
#87  
 1,3-Dichlorobenzene  
 Concen: 18.157 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: VX014789.D  
 Acq: 03 Feb 2020 11:41

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0203WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.7  | 19.0  | 57.0  |
| 148     | 62.6  | 31.6  | 95.0  |

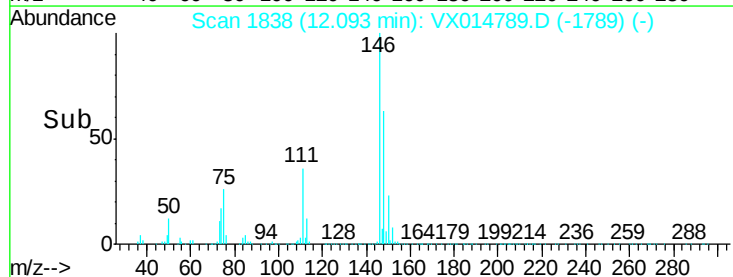
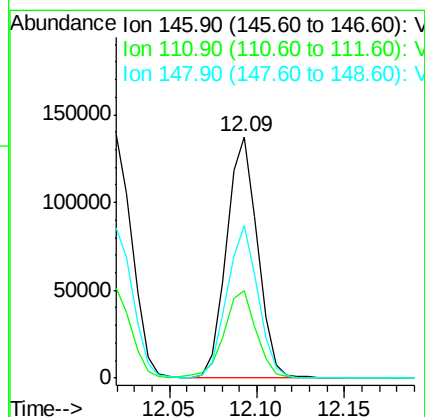
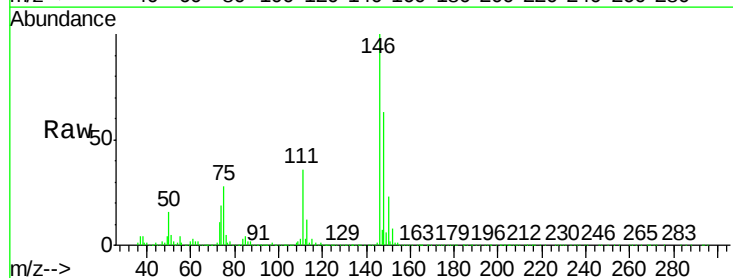
Manual Integrations  
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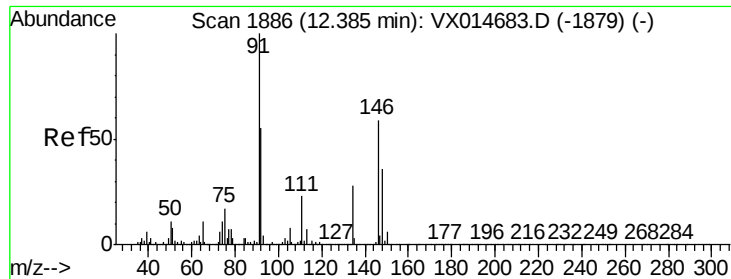
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 18.091 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: VX014789.D  
 Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.0  | 18.6  | 55.8  |
| 148     | 63.1  | 32.0  | 96.2  |





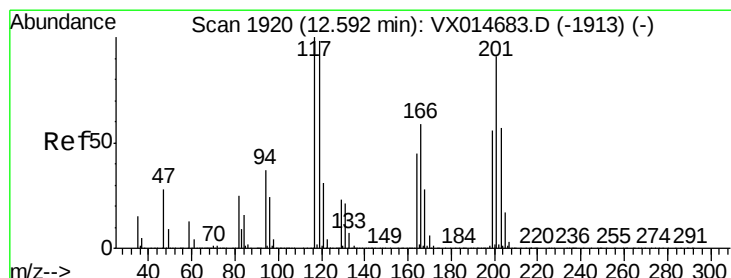
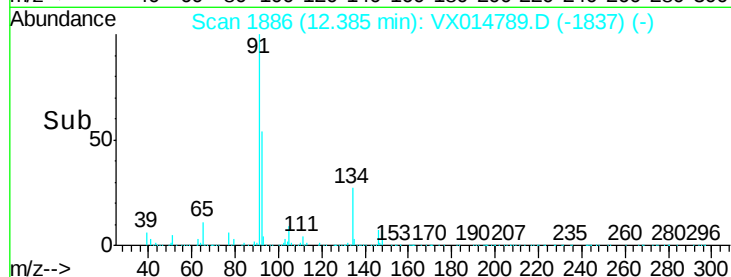
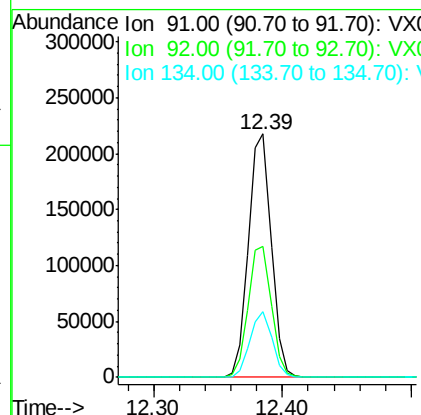
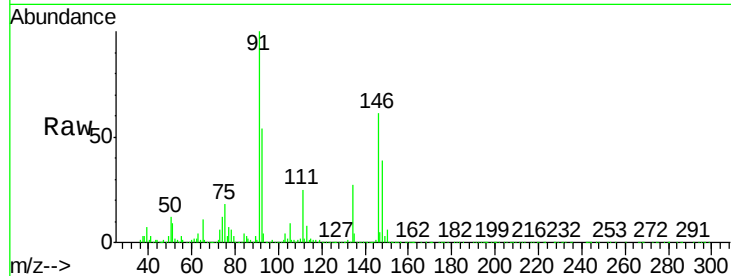
#89  
n-Butylbenzene  
Concen: 17.829 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 55.0  | 27.6  | 82.7  |
| 134     | 26.2  | 13.3  | 39.8  |

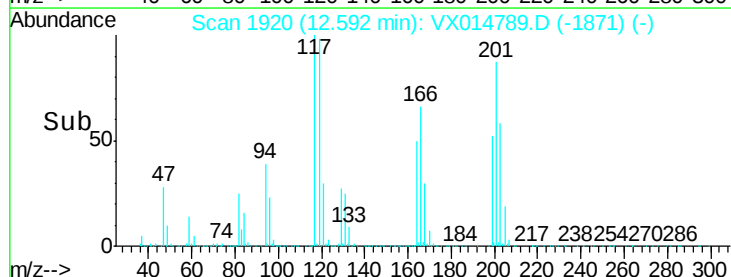
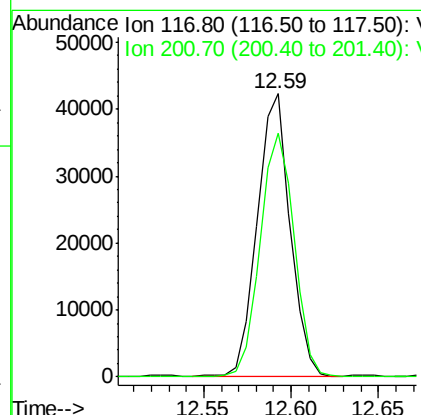
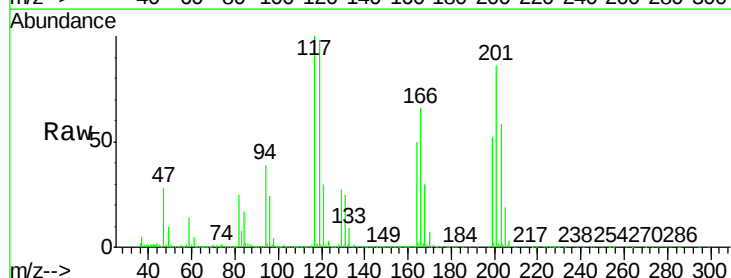
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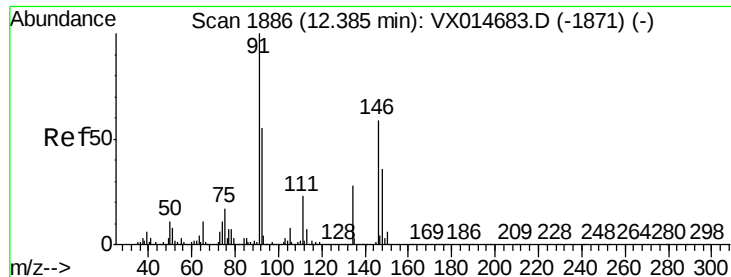
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#90  
Hexachloroethane  
Concen: 17.414 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 89.1  | 44.4  | 133.1 |





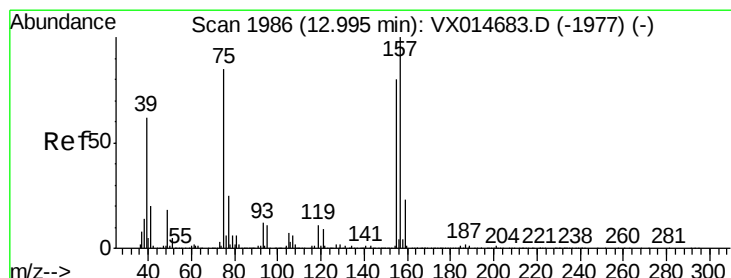
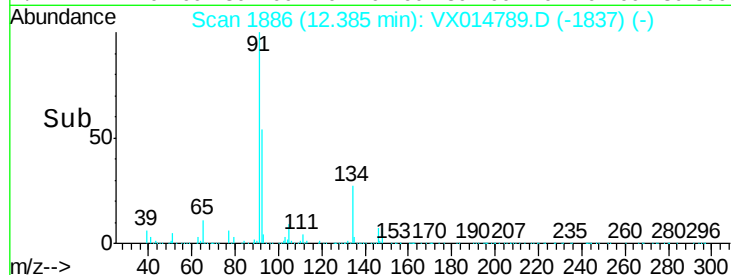
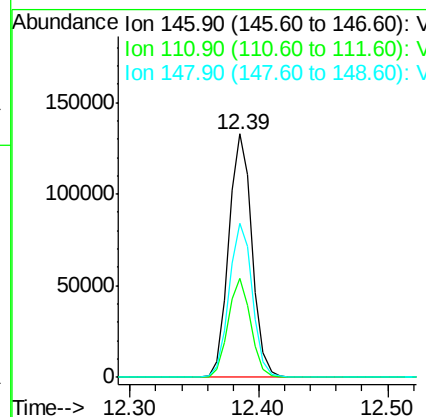
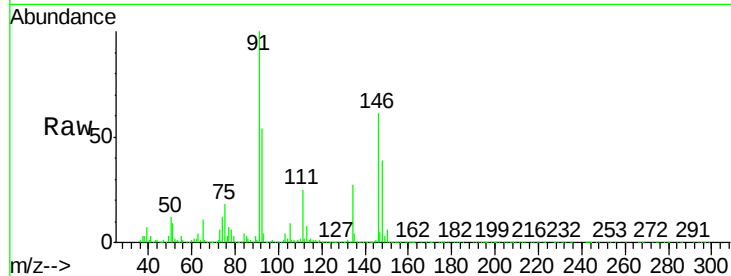
#91  
 1,2-Dichlorobenzene  
 Concen: 18.297 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX014789.D  
 Acq: 03 Feb 2020 11:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0203WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.8  | 19.6  | 58.8  |
| 148     | 63.1  | 31.9  | 95.9  |

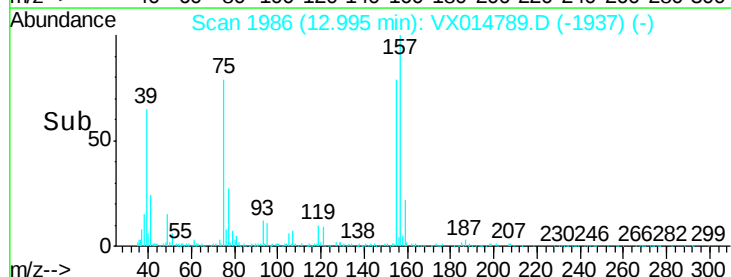
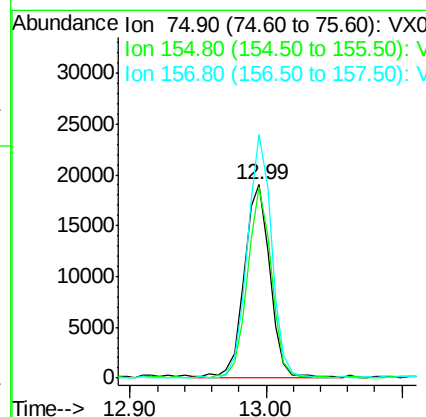
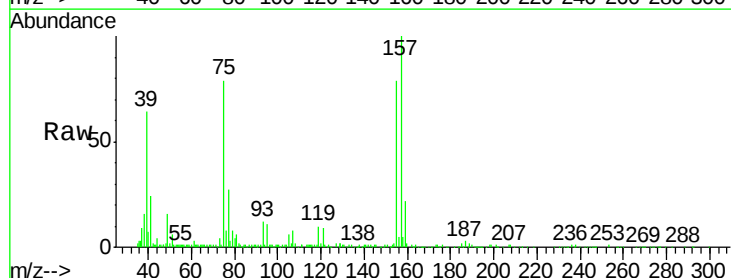
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 16.777 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VX014789.D  
 Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 93.6  | 45.6  | 136.9 |
| 157     | 120.0 | 60.3  | 180.9 |





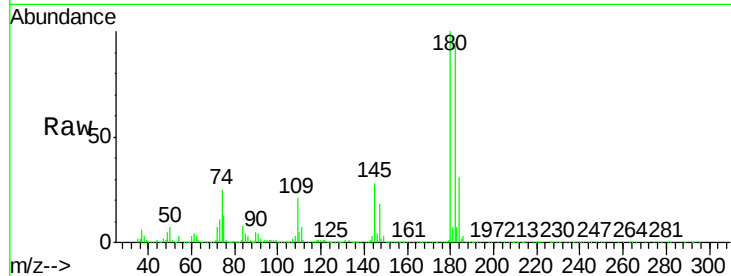
#93  
1,2,4-Trichlorobenzene  
Concen: 18.187 ug/l  
RT: 13.64 min Scan# 2092  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

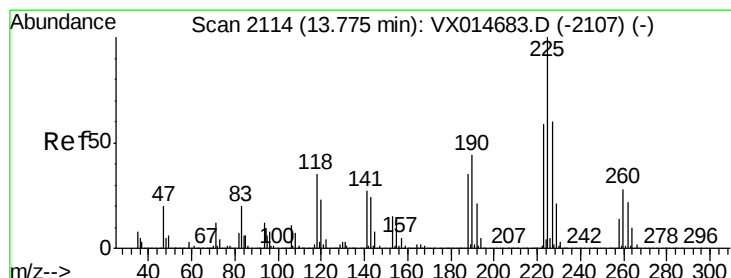
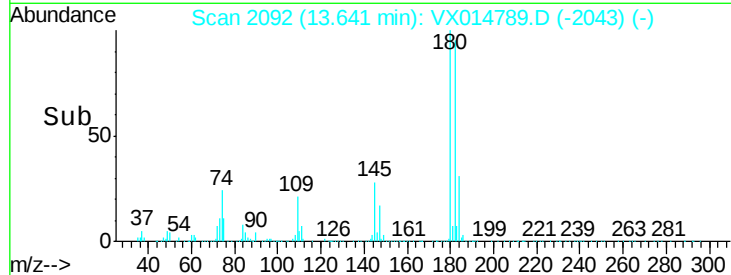
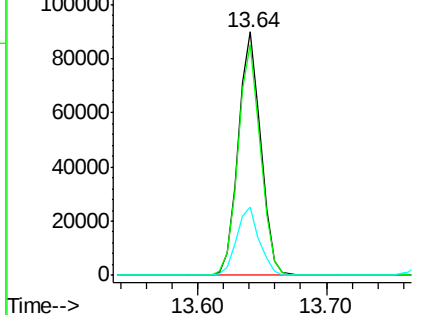
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 108561 |       |       |
| 182     | 94.2  | 48.5   | 145.6 |       |
| 145     | 28.5  | 14.0   | 41.9  |       |

Manual Integrations  
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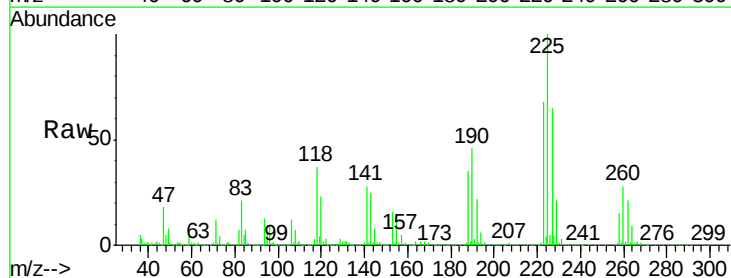


Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.80 (144.50 to 145.50): V

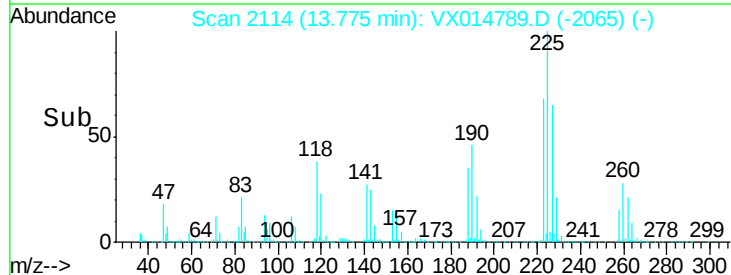
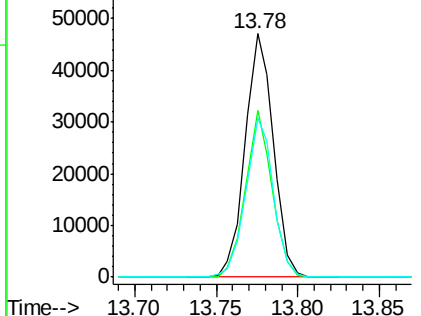


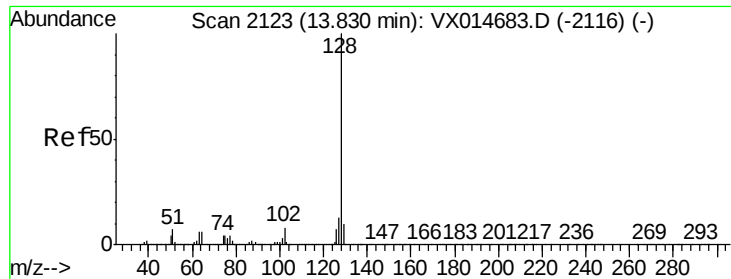
#94  
Hexachlorobutadiene  
Concen: 18.588 ug/l  
RT: 13.78 min Scan# 2114  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 57106 |       |       |
| 223     | 64.2  | 30.6  | 91.8  |       |
| 227     | 64.0  | 31.4  | 94.0  |       |



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





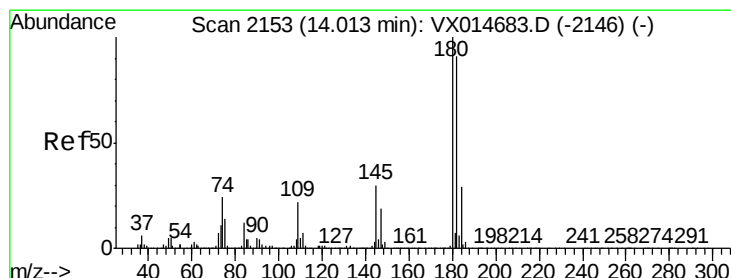
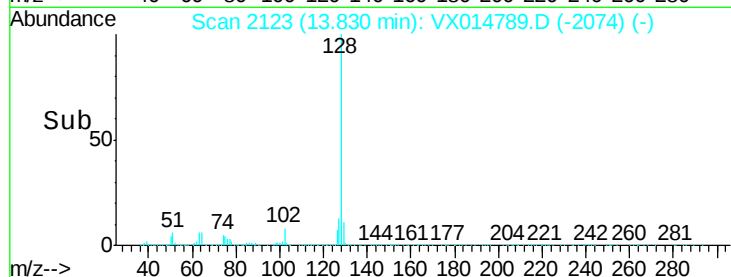
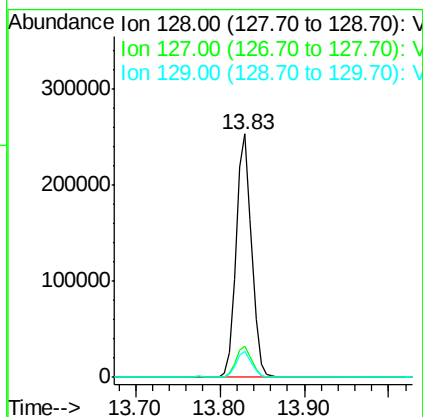
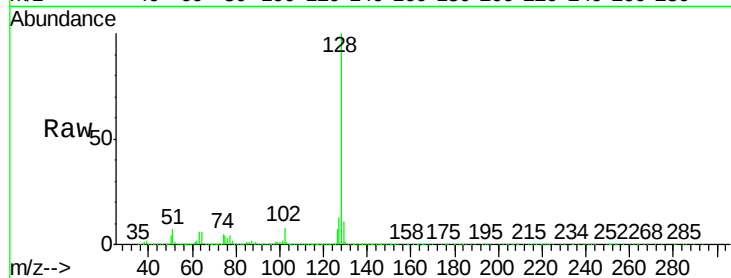
#95  
Naphthalene  
Concen: 16.800 ug/l  
RT: 13.83 min Scan# 2123  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0203WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.1  | 10.3  | 15.5  |
| 129     | 10.9  | 8.6   | 12.8  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 18.218 ug/l  
RT: 14.01 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: VX014789.D  
Acq: 03 Feb 2020 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.1  | 46.6  | 139.7 |
| 145     | 30.1  | 14.7  | 44.1  |

