

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\  
 Data File : VX014891.D  
 Acq On : 10 Feb 2020 16:31  
 Operator : JC/SP  
 Sample : VX0210WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0210WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 2/11/2020 10:35:26 AM

Quant Time: Feb 11 07:14:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X021020W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 10 12:09:20 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 446809   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 665727   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 626725   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 338092   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 250049   | 49.59 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.18%  |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 205247   | 50.15 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.30% |      |
| 50) Toluene-d8            | 8.71   | 98  | 788331   | 50.46 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.92% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 288799   | 51.32 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.64% |      |

## Target Compounds

|                               |      |     |         |        | Qvalue   |
|-------------------------------|------|-----|---------|--------|----------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 83918   | 19.832 | ug/l 99  |
| 3) Chloromethane              | 1.32 | 50  | 96337   | 20.082 | ug/l 100 |
| 4) Vinyl Chloride             | 1.41 | 62  | 100109  | 19.371 | ug/l 97  |
| 5) Bromomethane               | 1.64 | 94  | 63351   | 18.938 | ug/l 99  |
| 6) Chloroethane               | 1.72 | 64  | 65720   | 19.875 | ug/l 94  |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 139613  | 19.336 | ug/l 96  |
| 8) Diethyl Ether              | 2.18 | 74  | 59813   | 19.977 | ug/l 97  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 79389   | 18.942 | ug/l 97  |
| 10) Methyl Iodide             | 2.51 | 142 | 70441   | 18.128 | ug/l 99  |
| 11) Tert butyl alcohol        | 3.02 | 59  | 88390   | 99.277 | ug/l 100 |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 78668   | 19.209 | ug/l 99  |
| 13) Acrolein                  | 2.28 | 56  | 60786   | 89.578 | ug/l 94  |
| 14) Allyl chloride            | 2.72 | 41  | 135515  | 18.663 | ug/l 100 |
| 15) Acrylonitrile             | 3.13 | 53  | 217241  | 96.249 | ug/l 99  |
| 16) Acetone                   | 2.43 | 43  | 189788  | 61.840 | ug/l 100 |
| 17) Carbon Disulfide          | 2.57 | 76  | 216221  | 18.896 | ug/l 99  |
| 18) Methyl Acetate            | 2.76 | 43  | 96999   | 19.099 | ug/l 98  |
| 19) Methyl tert-butyl Ether   | 3.19 | 73  | 258778  | 19.415 | ug/l 97  |
| 20) Methylene Chloride        | 2.85 | 84  | 91158   | 18.792 | ug/l 99  |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 85643   | 18.952 | ug/l 95  |
| 22) Diisopropyl ether         | 3.84 | 45  | 269962  | 19.466 | ug/l 96  |
| 23) Vinyl Acetate             | 3.81 | 43  | 1010613 | 88.401 | ug/l 100 |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 151154  | 19.312 | ug/l 99  |
| 25) 2-Butanone                | 4.65 | 43  | 301829  | 87.920 | ug/l 98  |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 120684  | 17.892 | ug/l 98  |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 96783   | 19.159 | ug/l 99  |
| 28) Bromochloromethane        | 5.01 | 49  | 61257   | 20.192 | ug/l 99  |
| 29) Tetrahydrofuran           | 5.11 | 42  | 193739  | 99.275 | ug/l 99  |
| 30) Chloroform                | 5.20 | 83  | 149632  | 19.269 | ug/l 95  |
| 31) Cyclohexane               | 5.58 | 56  | 136203  | 19.106 | ug/l 96  |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 131639  | 19.379 | ug/l 100 |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 115079  | 19.324 | ug/l 99  |
| 37) Ethyl Acetate             | 4.82 | 43  | 117487  | 18.916 | ug/l 98  |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 109902  | 18.937 | ug/l 98  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\  
 Data File : VX014891.D  
 Acq On : 10 Feb 2020 16:31  
 Operator : JC/SP  
 Sample : VX0210WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0210WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 2/11/2020 10:35:26 AM

Quant Time: Feb 11 07:14:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X021020W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 10 12:09:20 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 138738   | 18.628  | ug/l   | 98       |
| 40) Benzene                    | 6.14  | 78   | 344505   | 19.362  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.03  | 41   | 63816    | 19.072  | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 124611   | 19.377  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 201149   | 19.632  | ug/l   | 98       |
| 44) Trichloroethene            | 7.21  | 130  | 99687    | 19.300  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 86279    | 19.014  | ug/l   | 100      |
| 46) Dibromomethane             | 7.65  | 93   | 60349    | 19.456  | ug/l   | 99       |
| 47) Bromodichloromethane       | 7.89  | 83   | 115194   | 18.730  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.76  | 41   | 96339    | 19.106  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 7.73  | 88   | 38048    | 403.576 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 607315   | 98.163  | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 216423   | 19.151  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 126258   | 18.732  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 138949   | 18.661  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 88183    | 19.287  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 132989   | 19.351  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 147263   | 19.134  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 328908   | 91.513  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.48  | 43   | 451518   | 92.850  | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.57  | 129  | 93460    | 18.994  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 94908    | 19.238  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.33  | 164  | 130030   | 22.191  | ug/l   | 95       |
| 65) Chlorobenzene              | 10.14 | 112  | 239568   | 18.846  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 88846    | 19.252  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 417248   | 19.300  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.35 | 106  | 319011   | 38.305  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 152572   | 19.058  | ug/l   | 98       |
| 70) Styrene                    | 10.71 | 104  | 257878   | 19.041  | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 71172    | 18.476  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.01 | 105  | 407098   | 19.201  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.89 | 43   | 166219   | 18.868  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 128845   | 18.590  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 127455m  | 20.847  | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 110895   | 18.739  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.35 | 91   | 467925   | 19.082  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 273943   | 19.002  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 337453   | 19.048  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 41142    | 17.225  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 319979   | 18.743  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 304854   | 18.172  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 345478   | 19.351  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 394236   | 18.917  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 367290   | 18.833  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 195143   | 18.381  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 197717   | 18.237  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 316262   | 18.107  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.59 | 117  | 62133    | 18.243  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 194910   | 18.721  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 28532    | 17.547  | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021020\  
Data File : VX014891.D  
Acq On : 10 Feb 2020 16:31  
Operator : JC/SP  
Sample : VX0210WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

Manual Integrations  
APPROVED

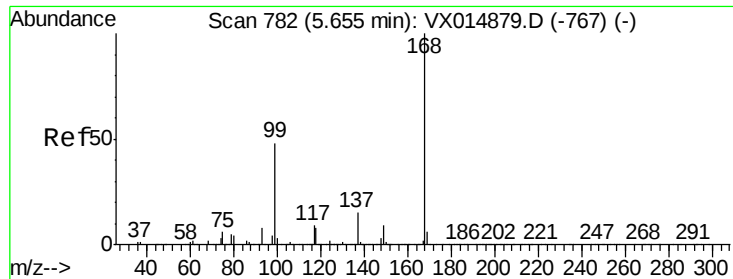
MMDadoda  
2/11/2020 10:35:26 AM

Quant Time: Feb 11 07:14:10 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X021020W.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 10 12:09:20 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 136878   | 17.812 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 64692    | 17.405 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 391604   | 19.166 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 138799   | 18.695 | ug/l  | 99       |

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





#1

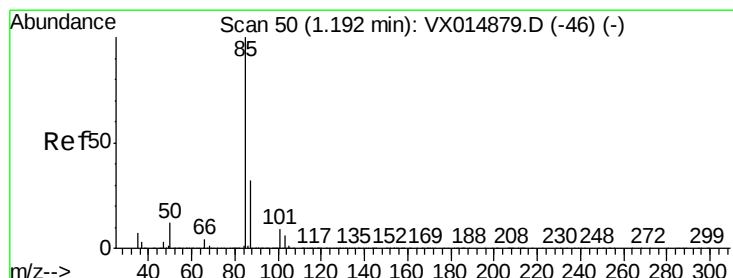
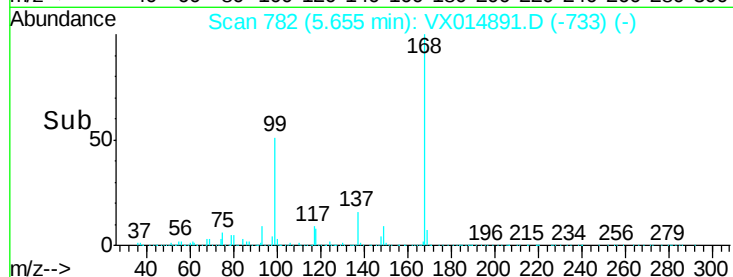
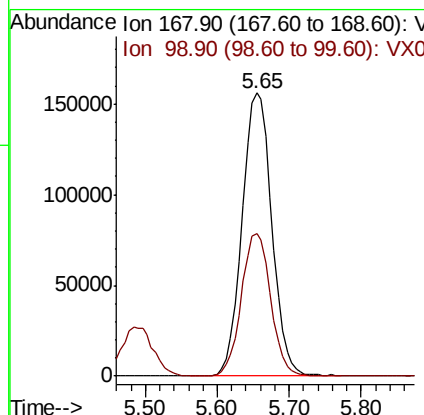
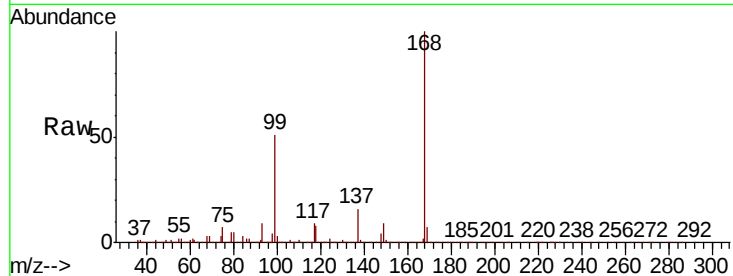
Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.65 min Scan# 782  
 Delta R.T. -0.00 min  
 Lab File: VX014891.D  
 Acq: 10 Feb 2020 16:31

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0210WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 50.5  | 38.7  | 58.1  |

Manual Integrations  
 APPROVED

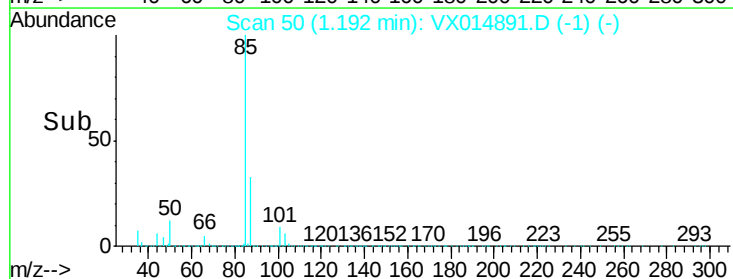
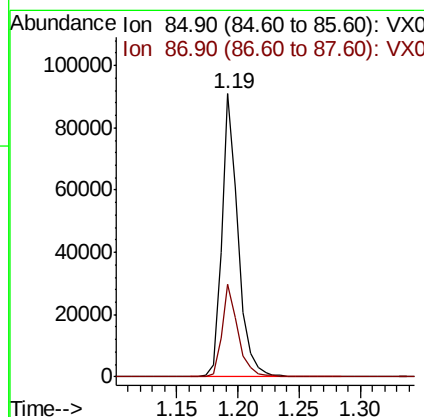
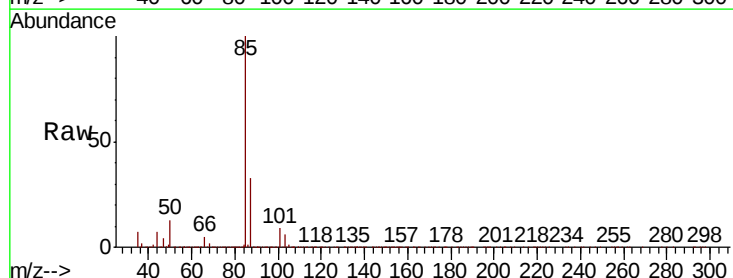
MMDadoda  
 2/11/2020 10:35:26 AM

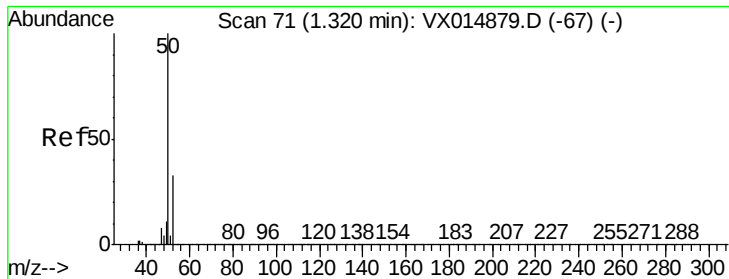


#2

Dichlorodifluoromethane  
 Concen: 19.832 ug/l  
 RT: 1.19 min Scan# 50  
 Delta R.T. -0.00 min  
 Lab File: VX014891.D  
 Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 32.9  | 16.1  | 48.2  |





#3

Chloromethane

Concen: 20.082 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0210WBSD01

Tot Ion: 50 Resp: 96337

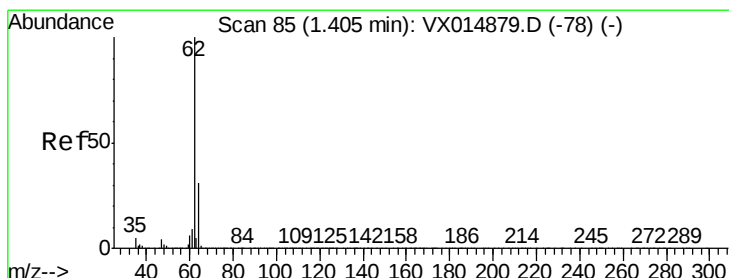
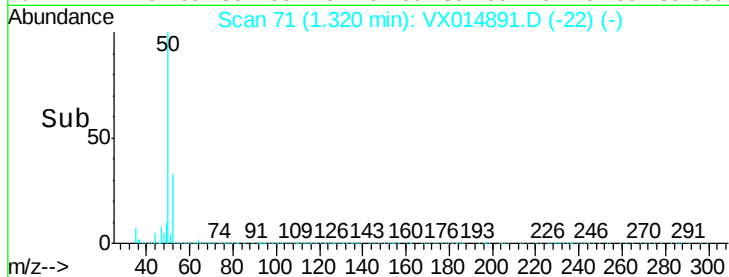
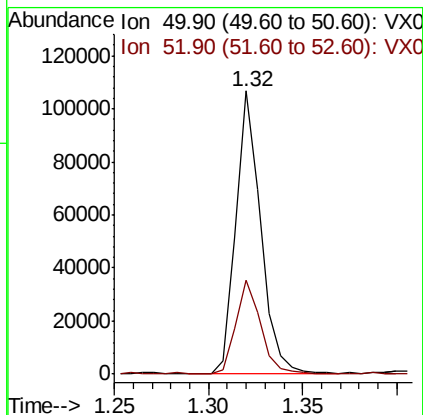
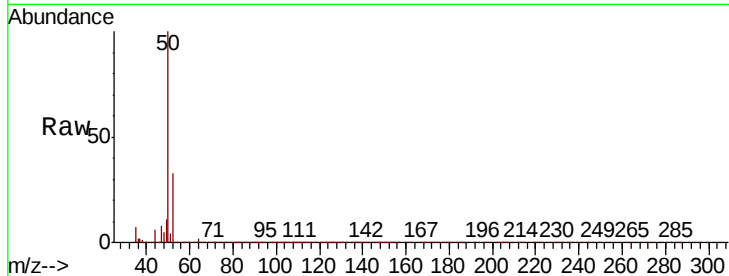
Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2

Manual Integrations  
APPROVED

MMDadoda  
2/11/2020 10:35:26 AM



#4

Vinyl Chloride

Concen: 19.371 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX014891.D

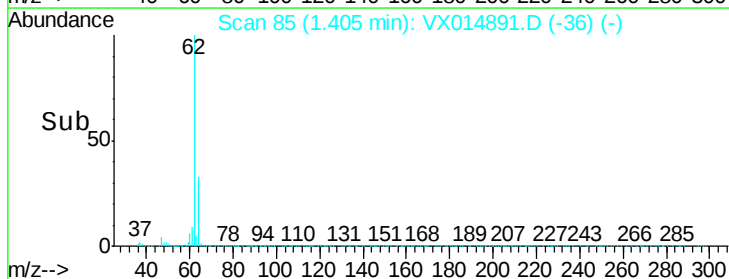
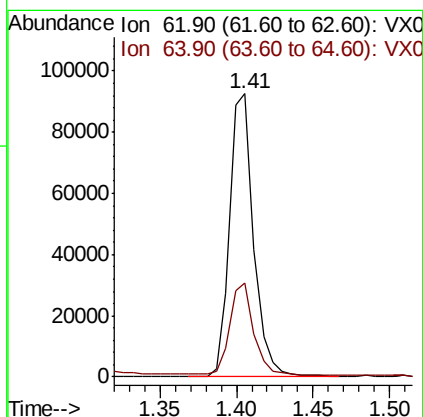
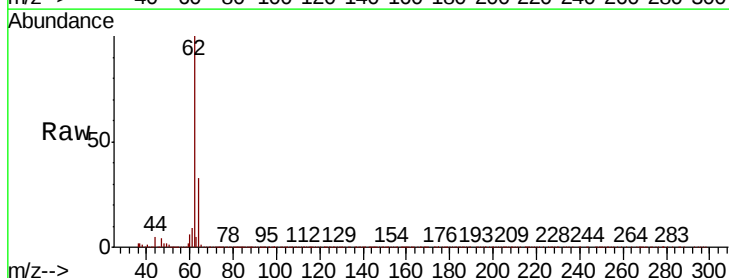
Acq: 10 Feb 2020 16:31

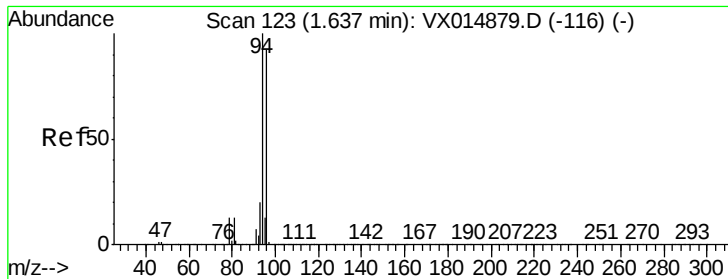
Tgt Ion: 62 Resp: 100109

Ion Ratio Lower Upper

62 100

64 32.6 24.8 37.2





#5

Bromomethane

Concen: 18.938 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0210WBSD01

Tot Ion: 94 Resp: 63351

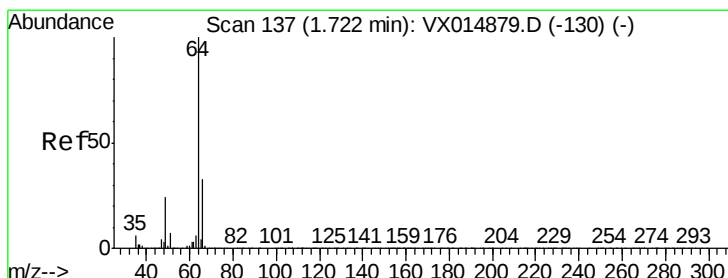
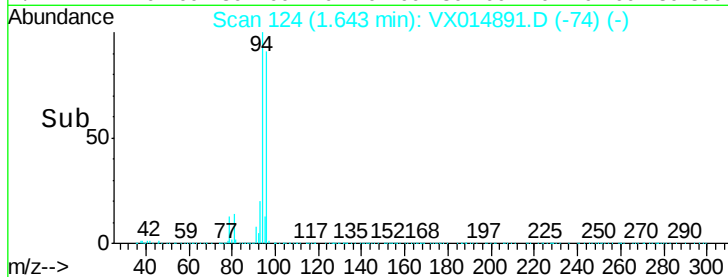
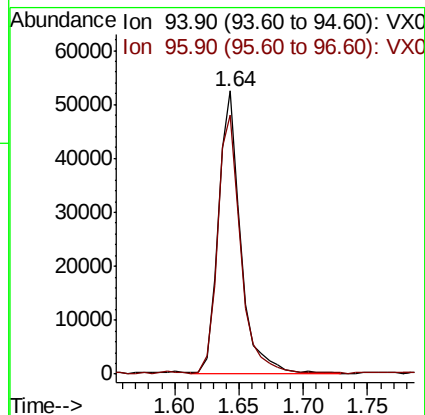
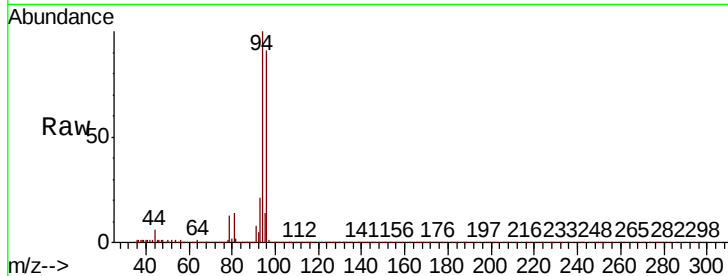
Ion Ratio Lower Upper

94 100

96 91.4 73.7 110.5

Manual Integrations  
APPROVED

MMDadoda  
2/11/2020 10:35:26 AM



#6

Chloroethane

Concen: 19.875 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX014891.D

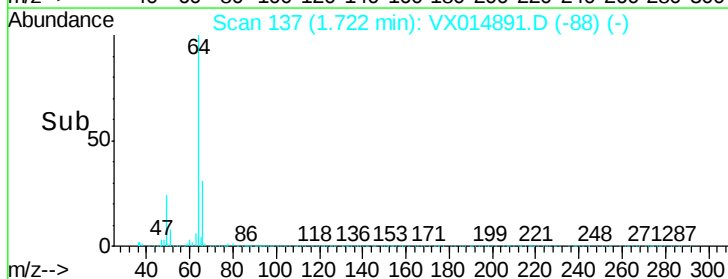
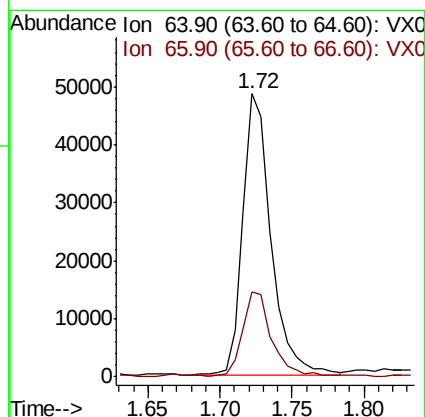
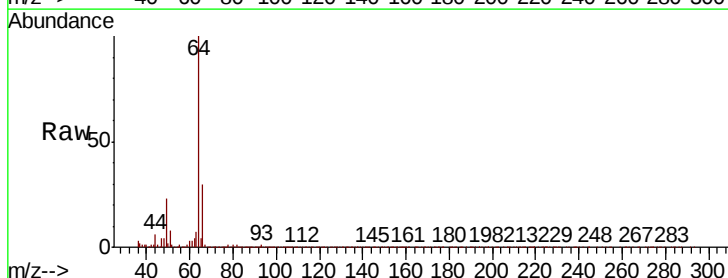
Acq: 10 Feb 2020 16:31

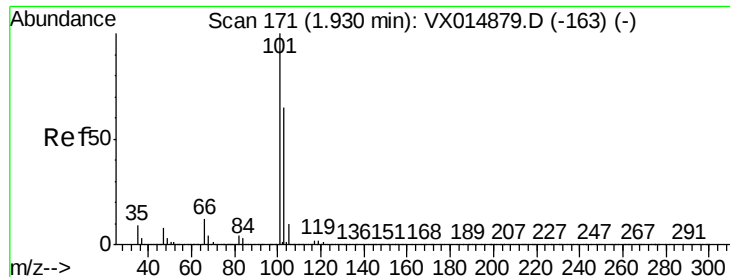
Tgt Ion: 64 Resp: 65720

Ion Ratio Lower Upper

64 100

66 29.7 26.2 39.4





#7

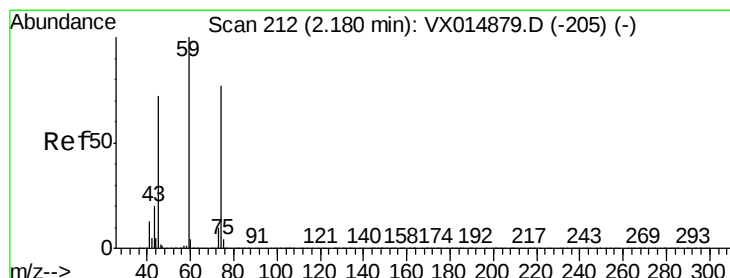
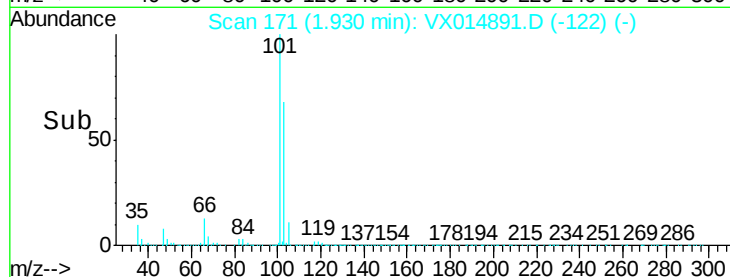
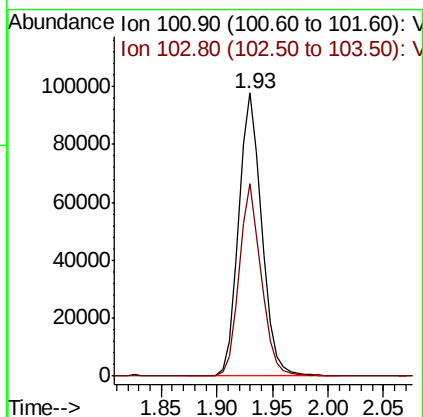
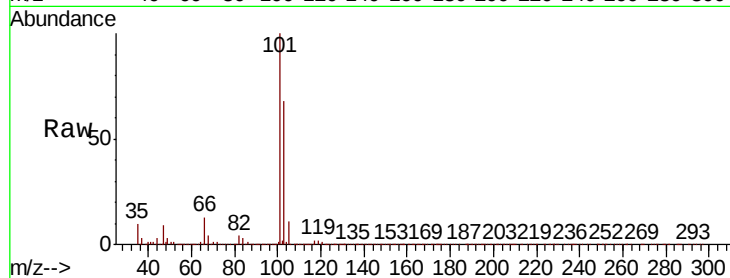
Trichlorofluoromethane  
Concen: 19.336 ug/l  
RT: 1.93 min Scan# 171  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 139613 |       |       |
| 103     | 68.1  | 52.2   | 78.4  |       |

Manual Integrations  
APPROVED

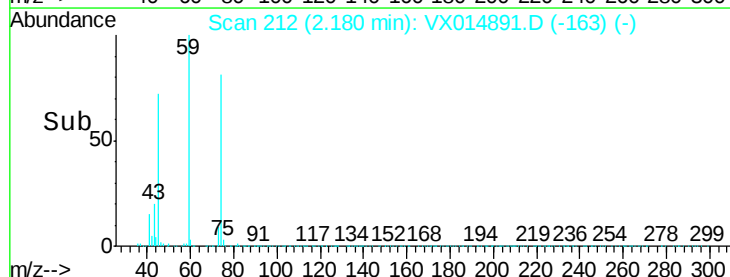
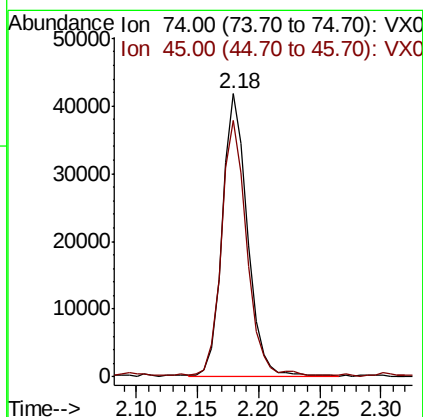
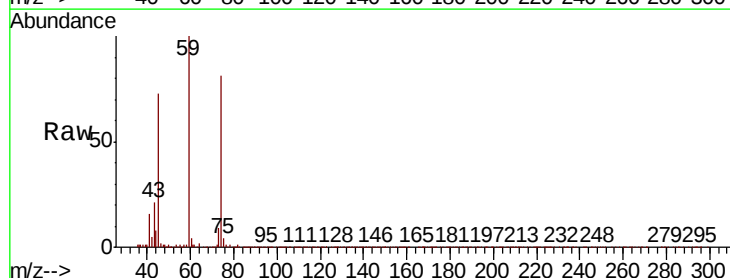
MMDadoda  
2/11/2020 10:35:26 AM

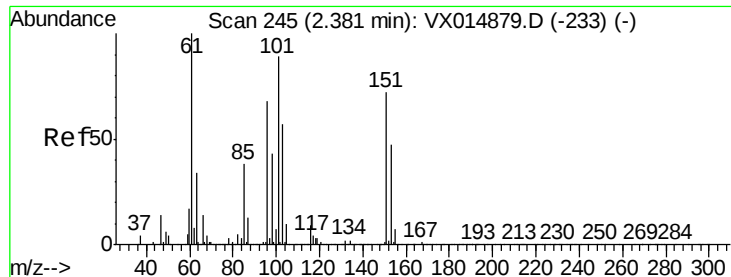


#8

Diethyl Ether  
Concen: 19.977 ug/l  
RT: 2.18 min Scan# 212  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 59813 |       |       |
| 45      | 90.1  | 46.6  | 139.8 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.942 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

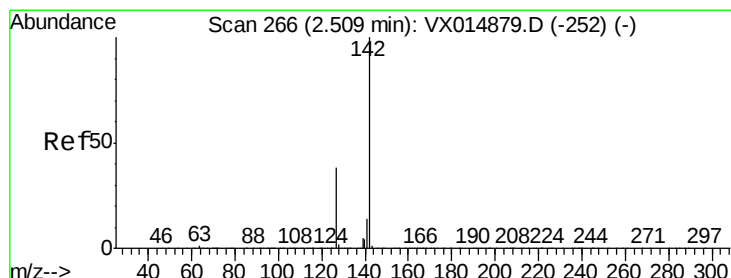
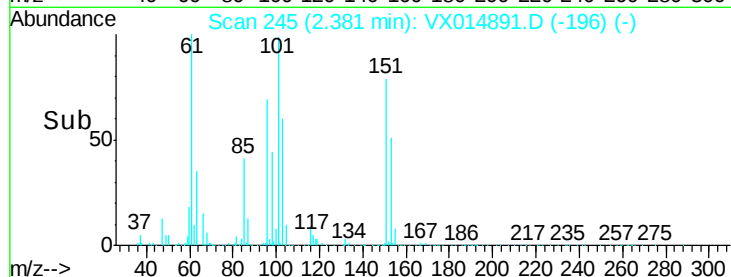
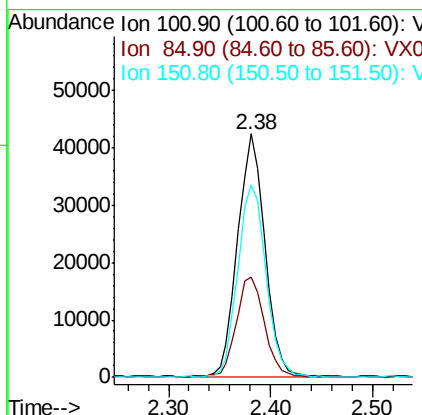
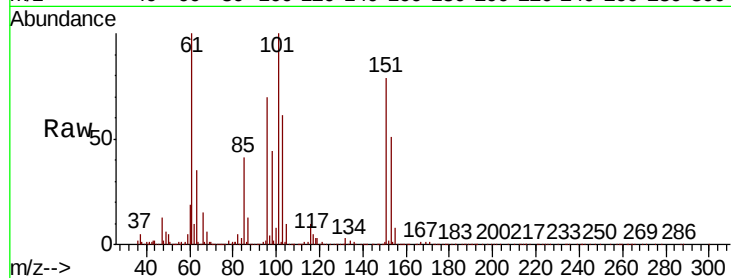
ClientSampleId :

VX0210WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 79389 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 41.4  | 34.1  | 51.1  |
| 151       | 81.4  | 67.3  | 100.9 |

Manual Integrations  
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MMDadoda  
2/11/2020 10:35:26 AM



#10

Methyl Iodide

Concen: 18.128 ug/l

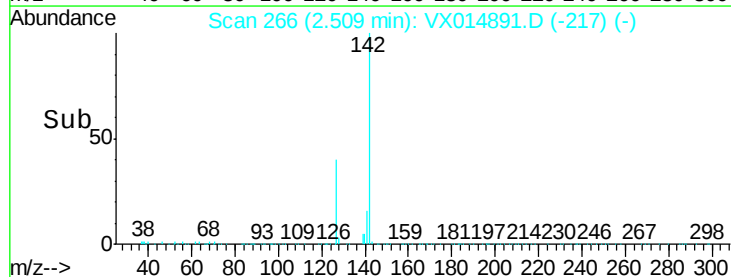
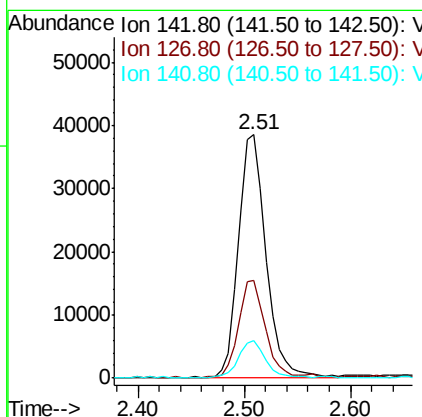
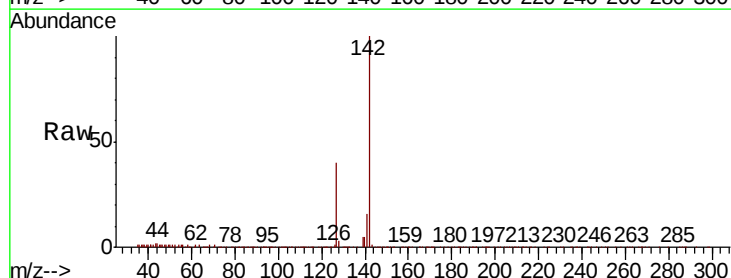
RT: 2.51 min Scan# 266

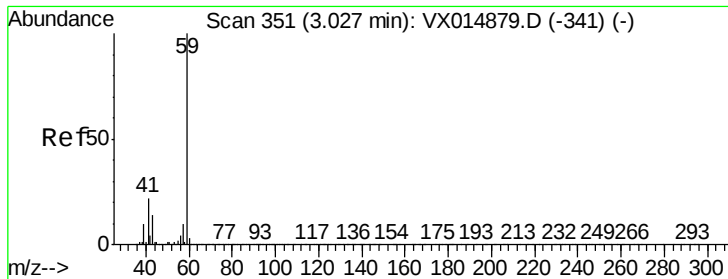
Delta R.T. 0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 70441 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 39.4  | 31.1  | 46.7  |
| 141       | 15.5  | 11.3  | 16.9  |





#11

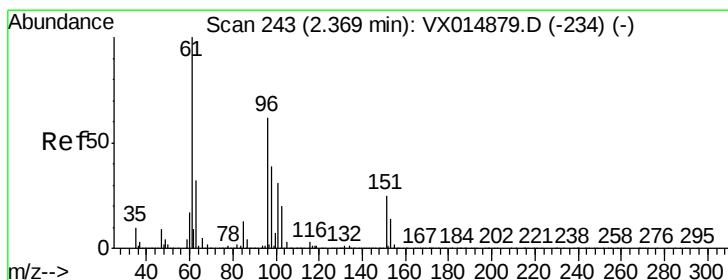
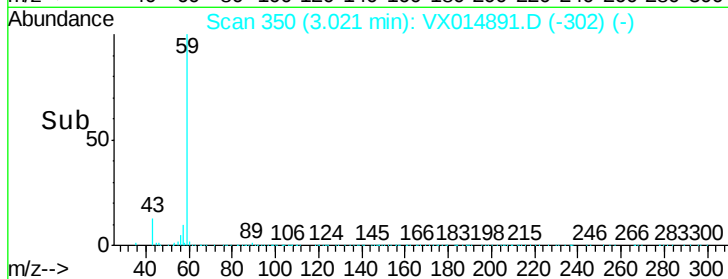
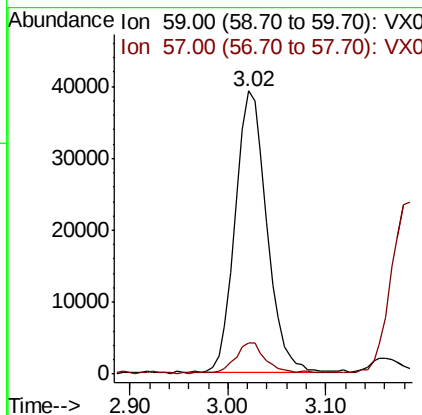
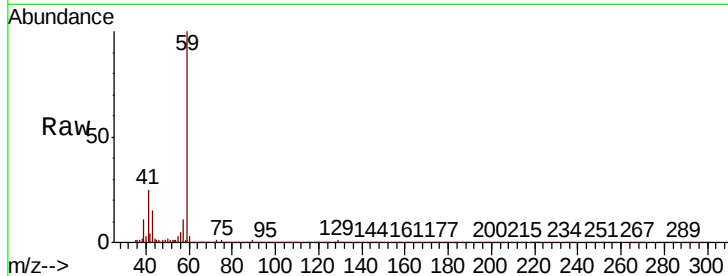
Tert butyl alcohol  
Concen: 99.277 ug/l  
RT: 3.02 min Scan# 350  
Delta R.T. -0.01 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.3  | 8.2   | 12.4  |

Manual Integrations  
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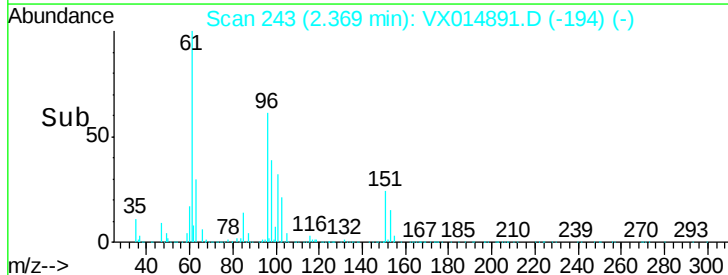
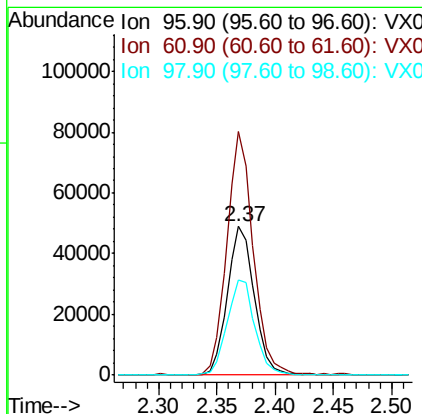
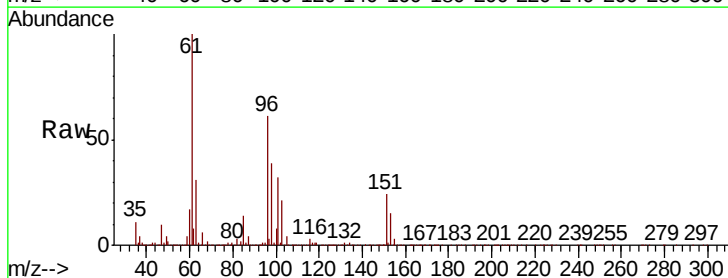
MMDadoda  
2/11/2020 10:35:26 AM

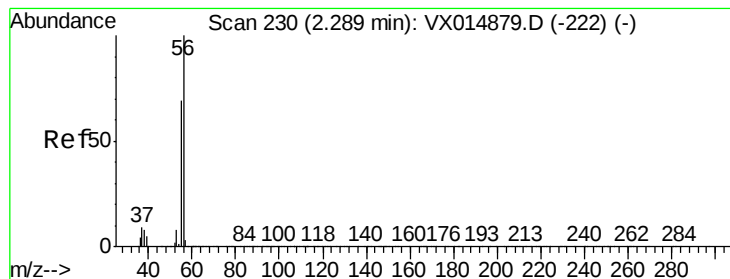


#12

1,1-Dichloroethene  
Concen: 19.209 ug/l  
RT: 2.37 min Scan# 243  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 163.7 | 129.5 | 194.3 |
| 98      | 63.8  | 50.6  | 76.0  |





#13

Acrolein

Concen: 89.578 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0210WBSD01

Tot Ion: 56 Resp: 60786

Ion Ratio Lower Upper

56 100

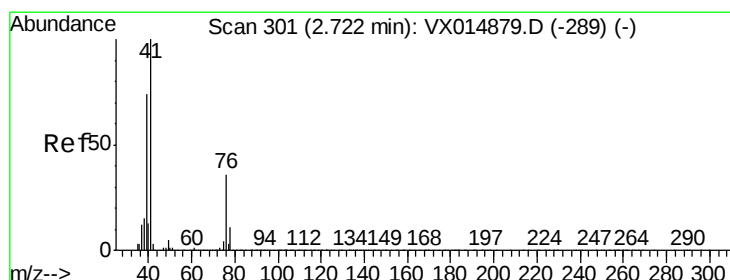
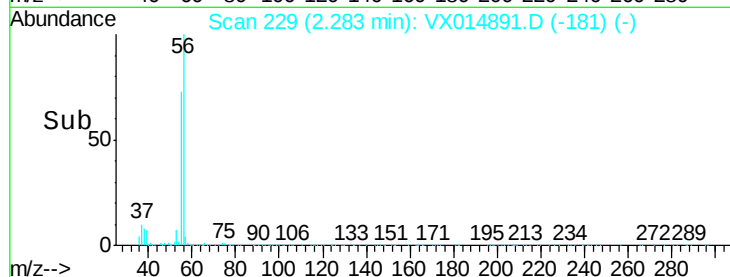
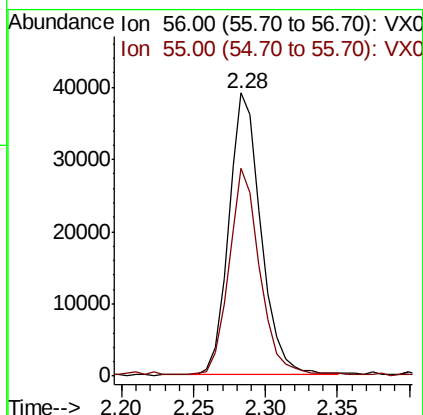
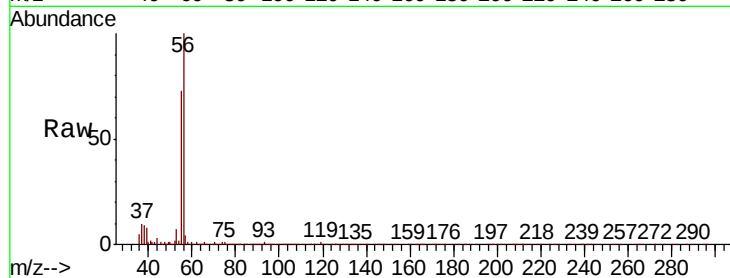
55 73.4 55.0 82.4

Manual Integrations

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MMDadoda

2/11/2020 10:35:26 AM



#14

Allyl chloride

Concen: 18.663 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

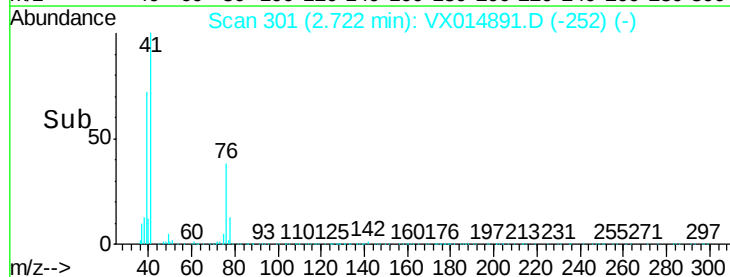
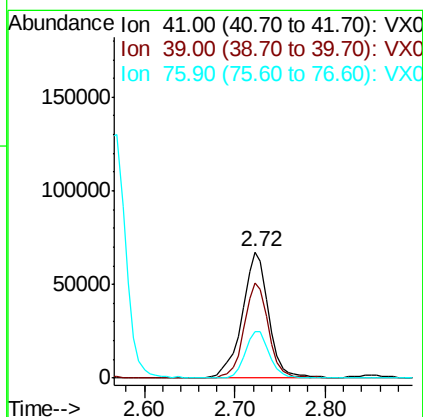
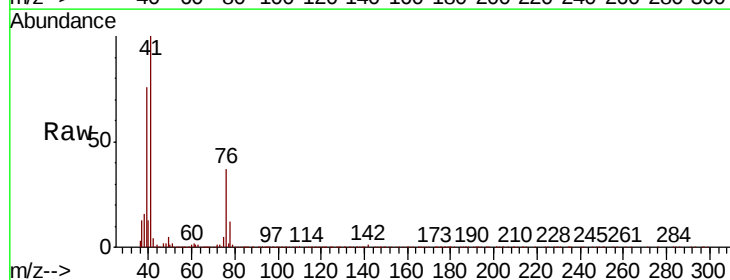
Tgt Ion: 41 Resp: 135515

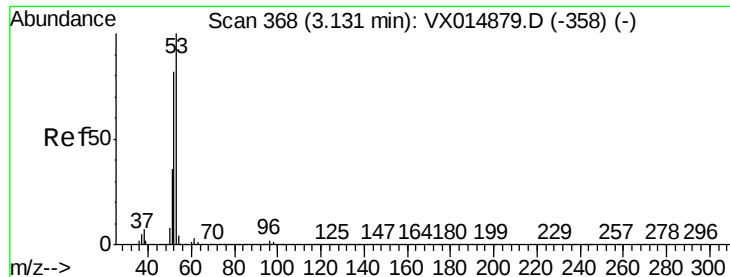
Ion Ratio Lower Upper

41 100

39 68.6 55.2 82.8

76 33.4 26.8 40.2





#15

Acrylonitrile

Concen: 96.249 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

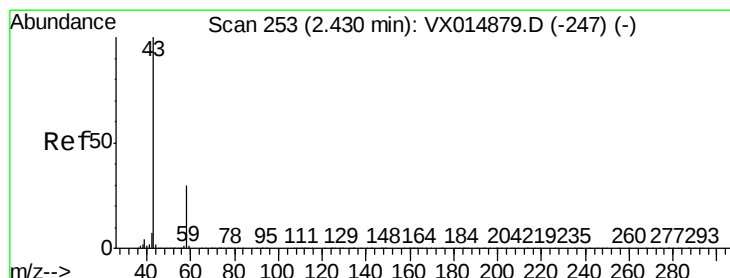
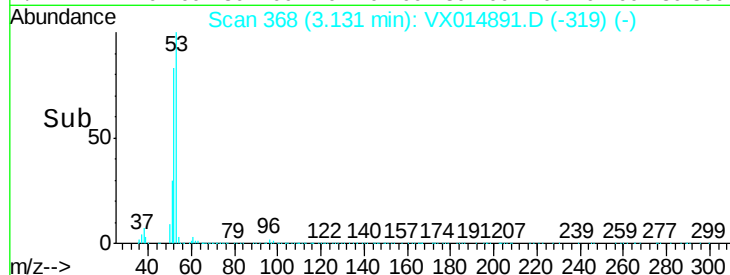
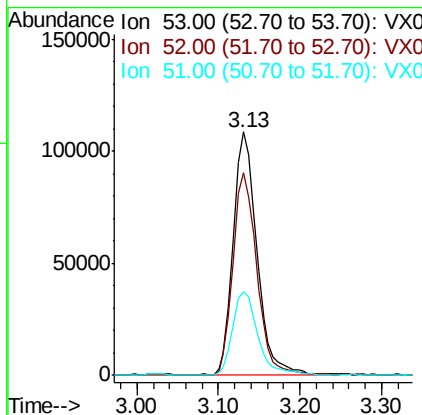
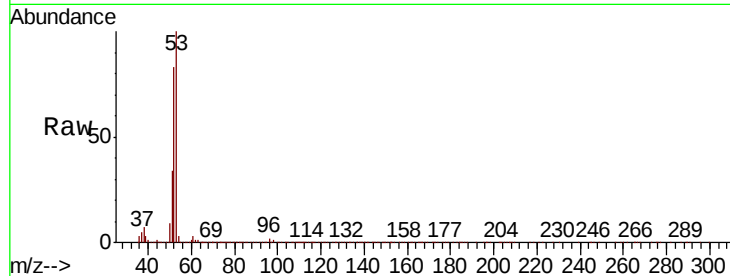
ClientSampleId :

VX0210WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 217241 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.6  | 65.8  | 98.6   |
| 51        | 36.4  | 29.1  | 43.7   |

Manual Integrations  
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MMDadoda  
2/11/2020 10:35:26 AM



#16

Acetone

Concen: 61.840 ug/l

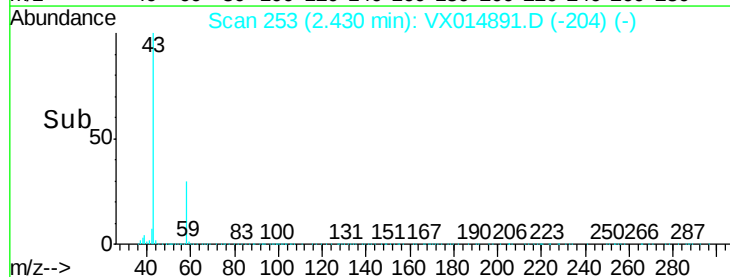
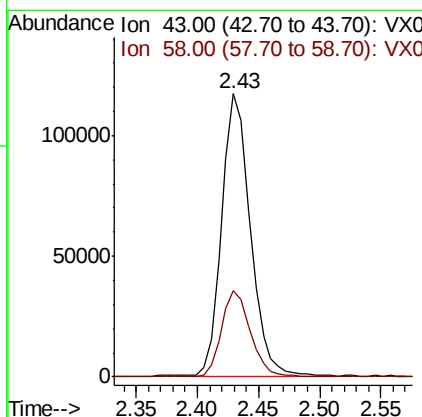
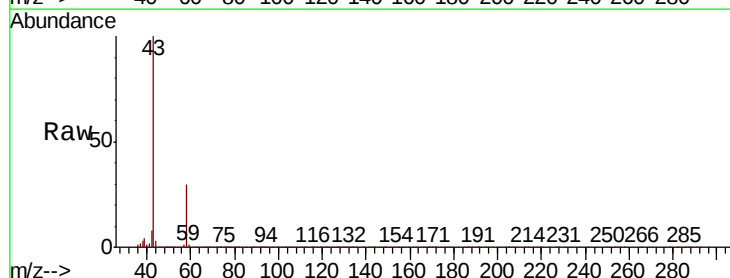
RT: 2.43 min Scan# 253

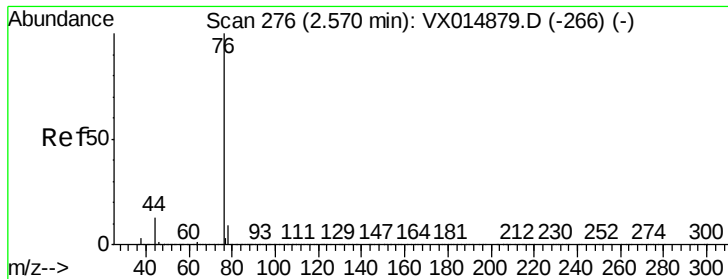
Delta R.T. 0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 189788 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 30.3  | 24.1  | 36.1   |





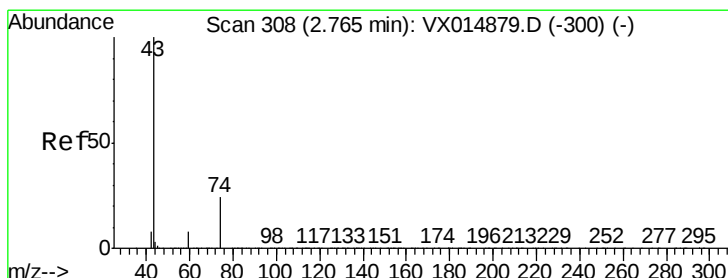
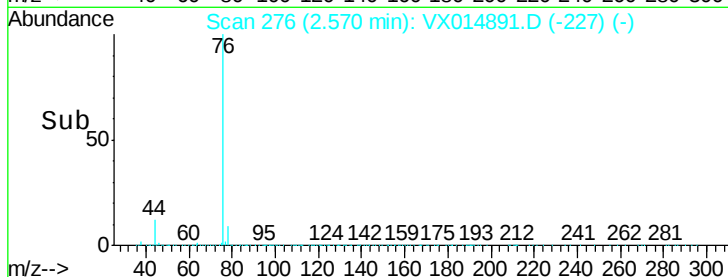
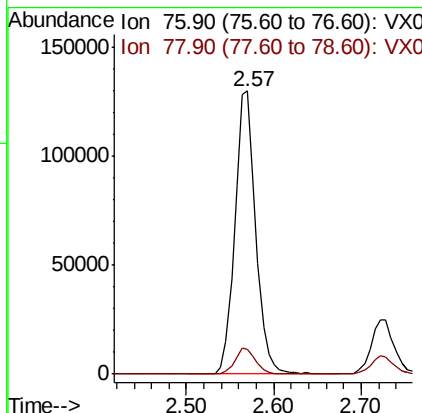
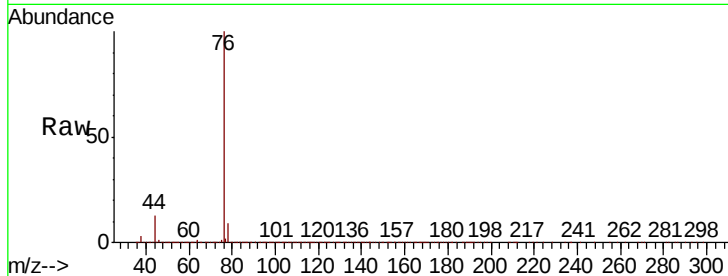
#17  
Carbon Disulfide  
Concen: 18.896 ug/l  
RT: 2.57 min Scan# 276  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.7   | 7.4   | 11.0  |

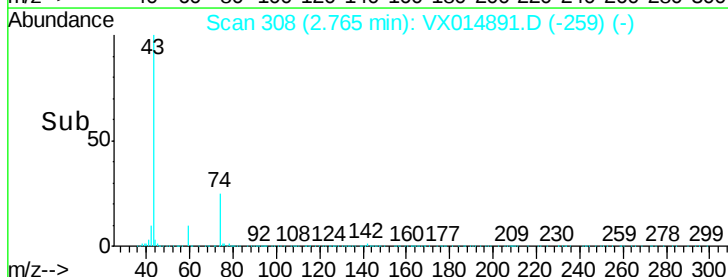
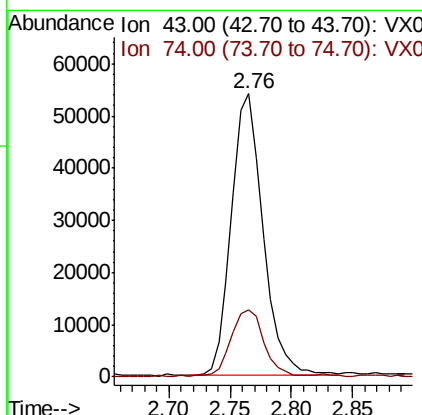
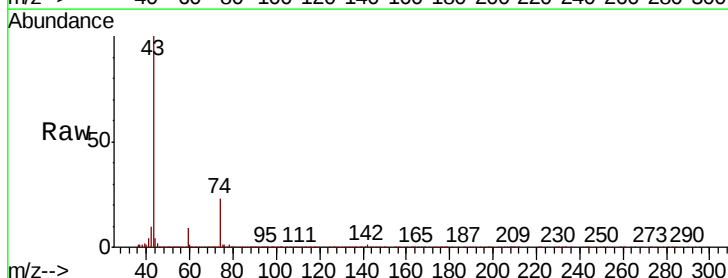
Manual Integrations  
APPROVED

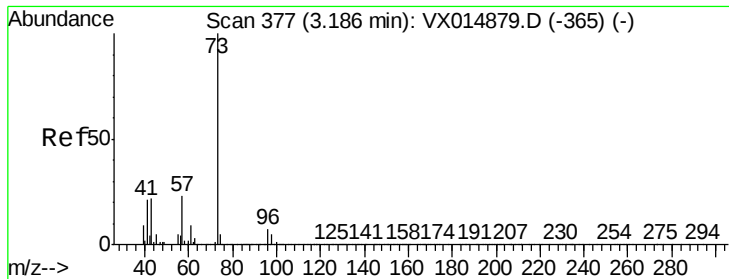
MMDadoda  
2/11/2020 10:35:26 AM



#18  
Methyl Acetate  
Concen: 19.099 ug/l  
RT: 2.76 min Scan# 308  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 25.2  | 19.4  | 29.0  |





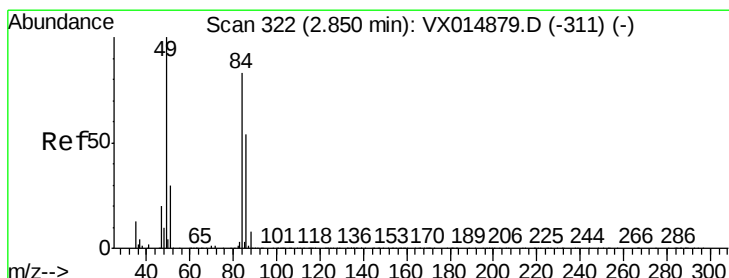
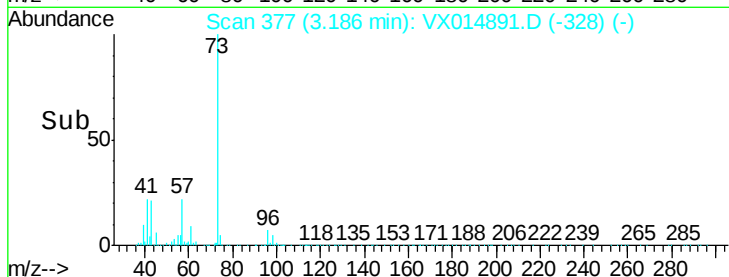
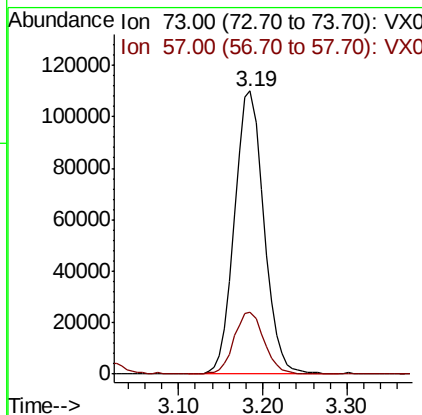
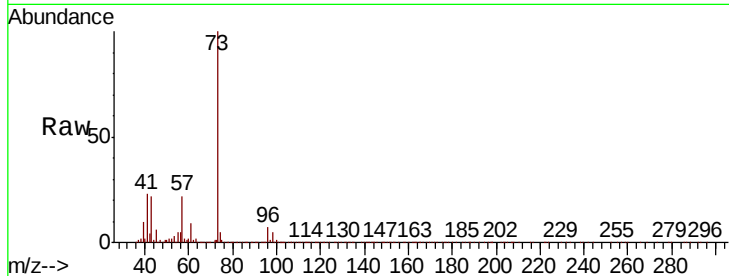
#19  
Methvl tert-butvl Ether  
Concen: 19.415 ug/l  
RT: 3.19 min Scan# 377  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.5  | 18.2  | 27.4  |

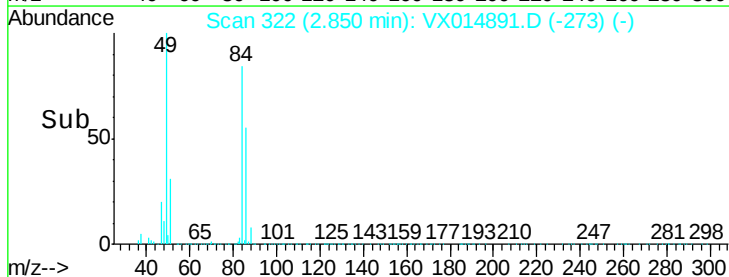
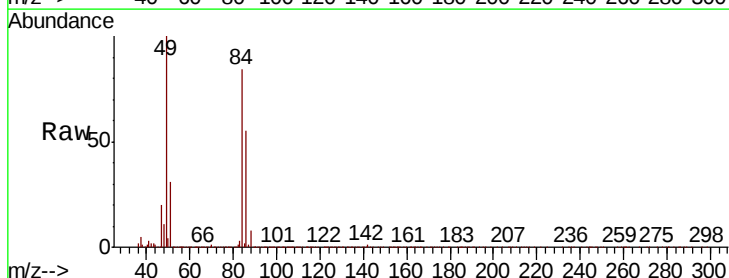
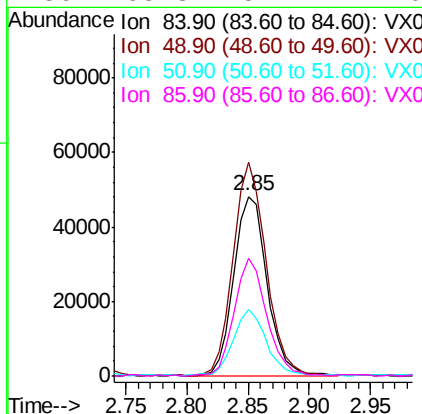
Manual Integrations  
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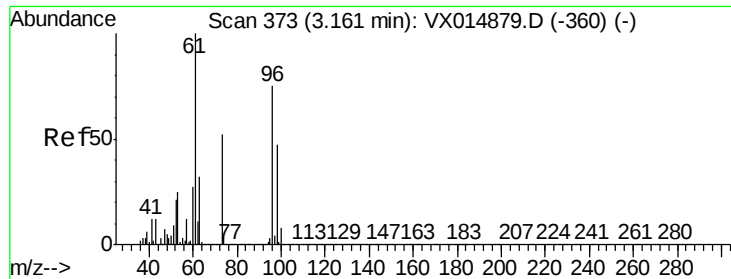
MMDadoda  
2/11/2020 10:35:26 AM



#20  
Methylene Chloride  
Concen: 18.792 ug/l  
RT: 2.85 min Scan# 322  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 118.5 | 95.6  | 143.4 |
| 51      | 36.2  | 29.0  | 43.6  |
| 86      | 65.3  | 51.4  | 77.0  |





#21

trans-1,2-Dichloroethene

Concen: 18.952 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

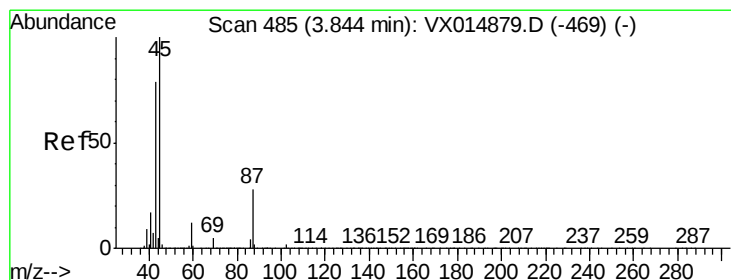
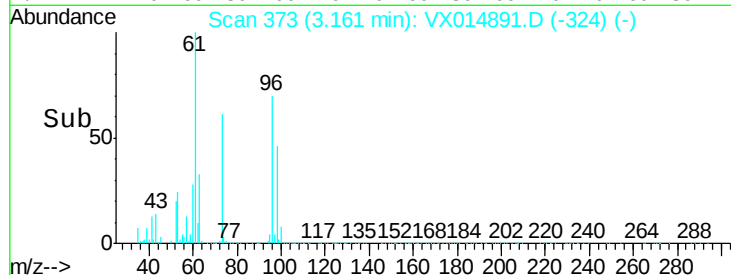
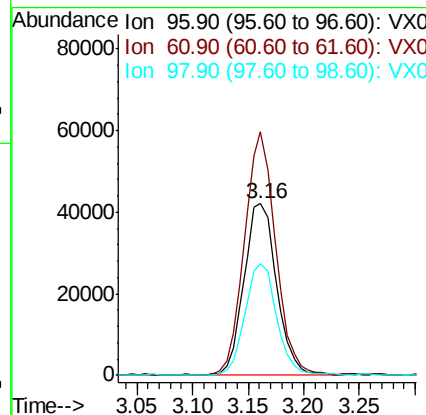
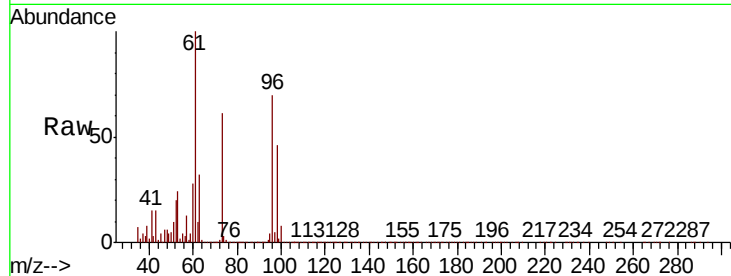
ClientSampleId :

VX0210WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 85643 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 141.5 | 106.9 | 160.3 |
| 98       | 65.1  | 50.7  | 76.1  |

Manual Integrations  
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MMDadoda  
2/11/2020 10:35:26 AM



#22

Diisopropyl ether

Concen: 19.466 ug/l

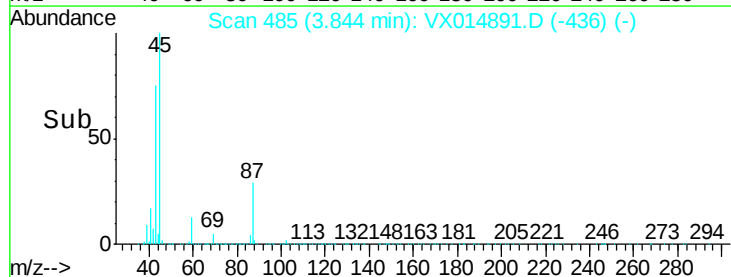
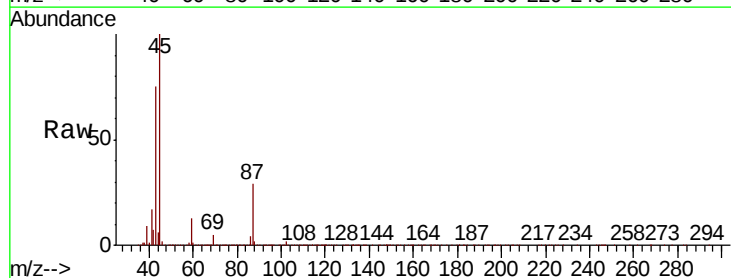
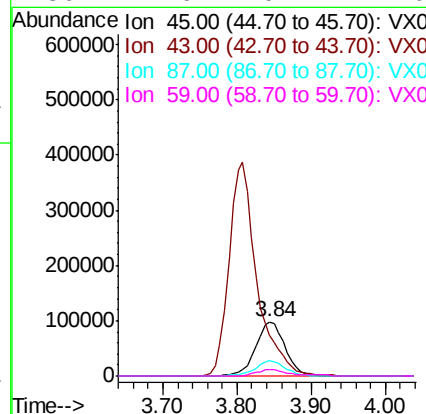
RT: 3.84 min Scan# 485

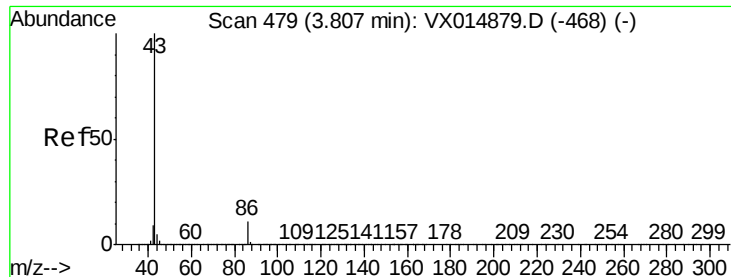
Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 269962 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 75.4  | 63.5  | 95.3   |
| 87       | 28.9  | 22.2  | 33.4   |
| 59       | 12.6  | 9.4   | 14.0   |





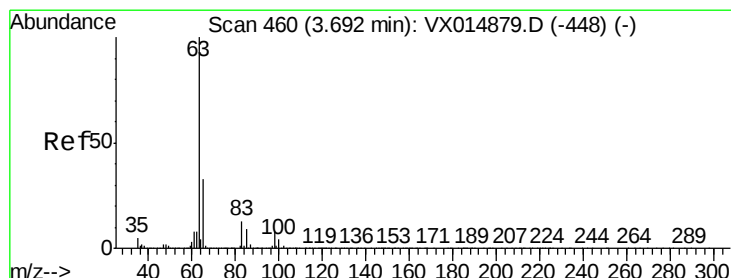
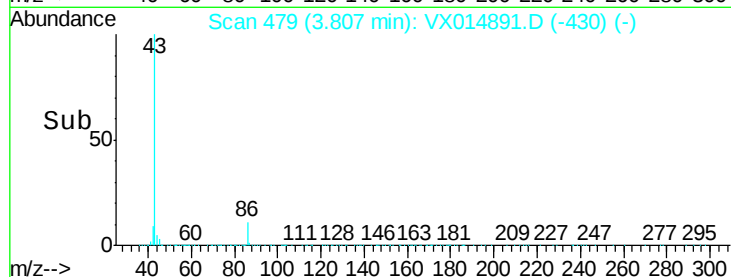
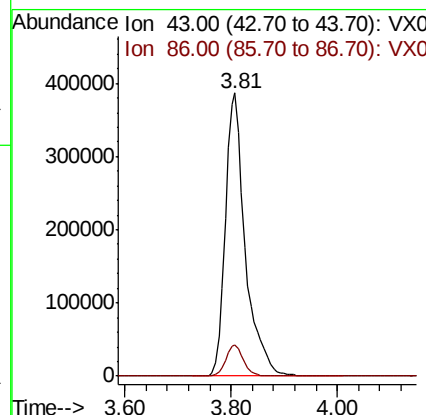
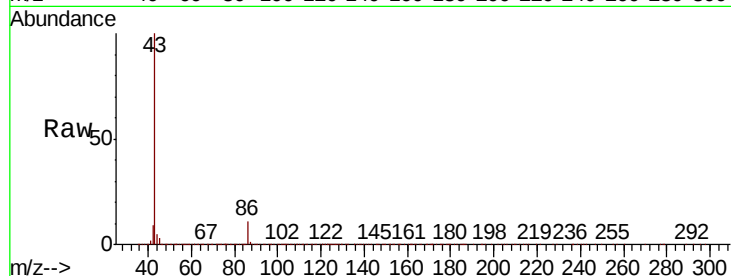
#23  
 Vinyl Acetate  
 Concen: 88.401 ug/l  
 RT: 3.81 min Scan# 479  
 Delta R.T. -0.00 min  
 Lab File: VX014891.D  
 Acq: 10 Feb 2020 16:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0210WBSD01

Tot Ion: 43 Resp: 1010613  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 8.9 13.3

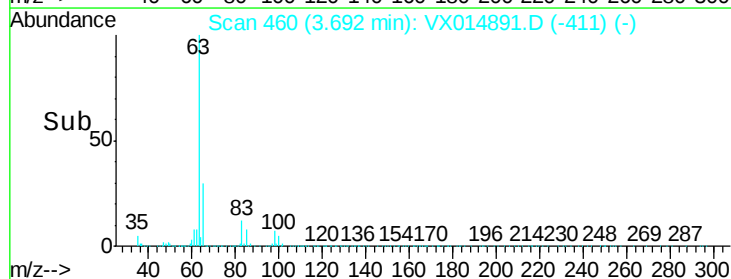
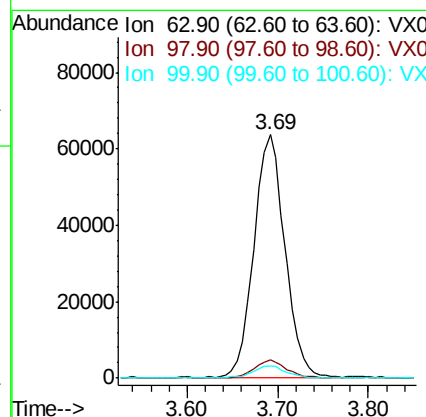
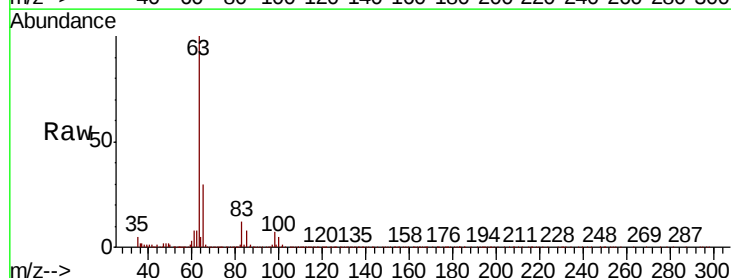
Manual Integrations  
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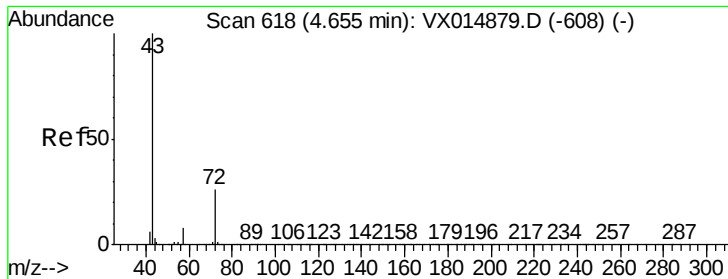
MMDadoda  
 2/11/2020 10:35:26 AM



#24  
 1,1-Dichloroethane  
 Concen: 19.312 ug/l  
 RT: 3.69 min Scan# 460  
 Delta R.T. -0.00 min  
 Lab File: VX014891.D  
 Acq: 10 Feb 2020 16:31

Tgt Ion: 63 Resp: 151154  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.9 11.5  
 100 4.8 2.2 6.6





#25

2-Butanone

Concen: 87.920 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0210WBSD01

Tot Ion: 43 Resp: 301829

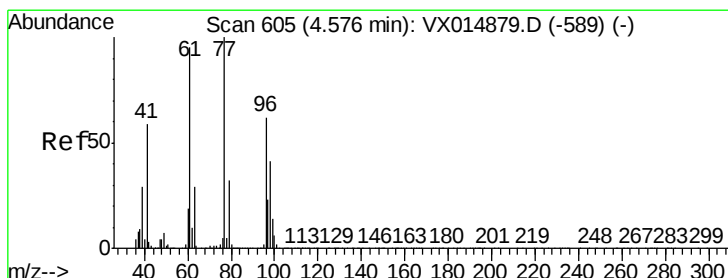
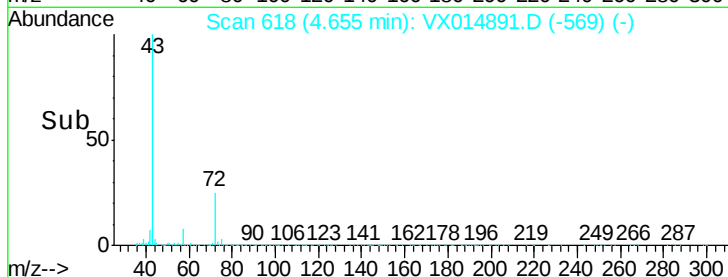
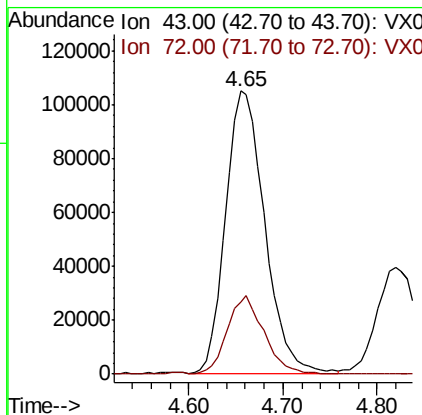
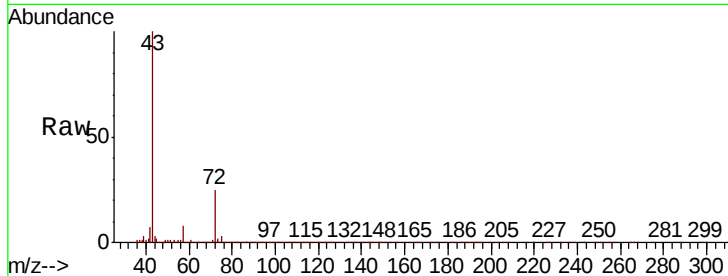
Ion Ratio Lower Upper

43 100

72 25.2 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 17.892 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014891.D

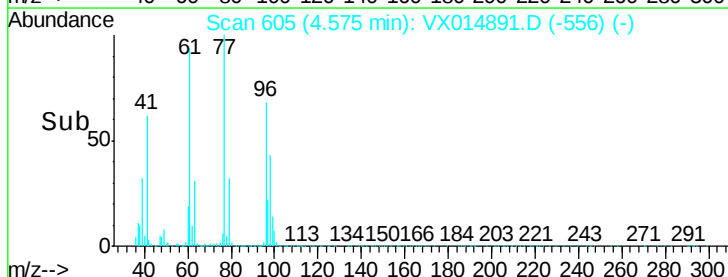
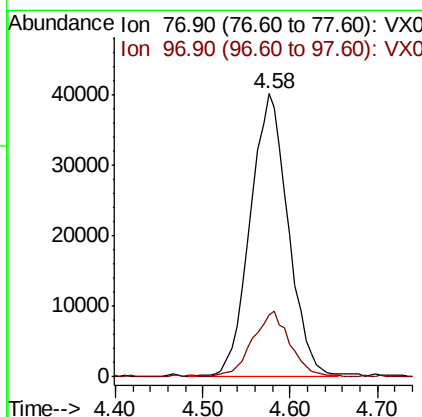
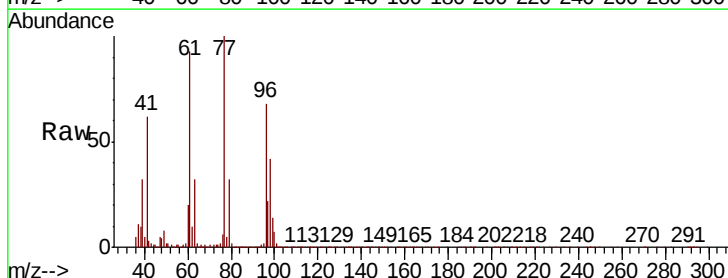
Acq: 10 Feb 2020 16:31

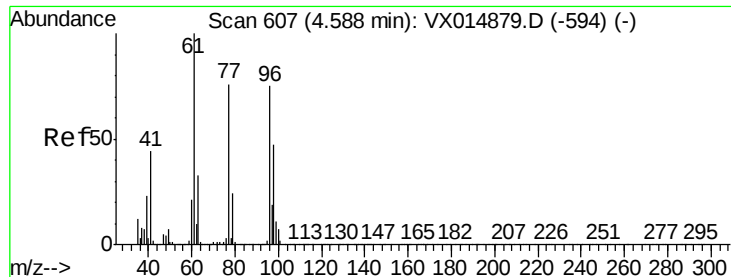
Tgt Ion: 77 Resp: 120684

Ion Ratio Lower Upper

77 100

97 22.7 11.9 35.5





#27

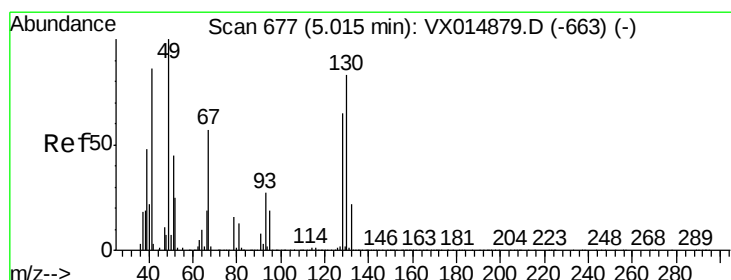
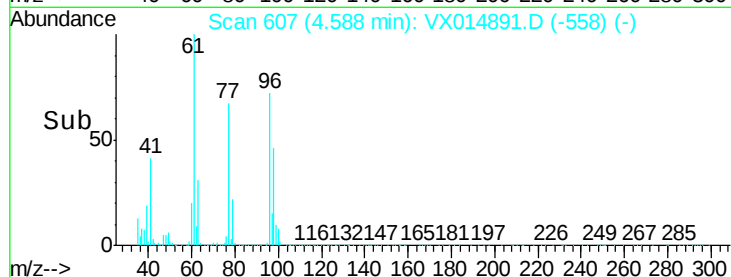
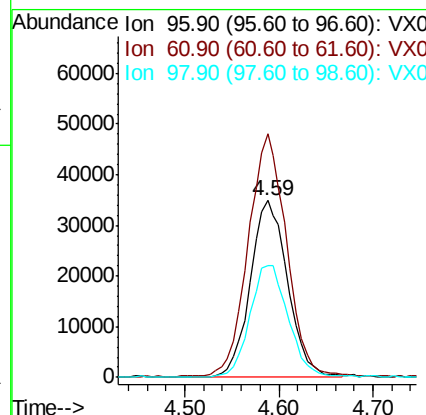
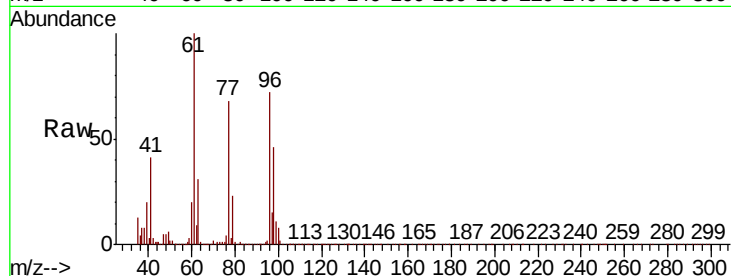
cis-1,2-Dichloroethene  
Concen: 19.159 ug/l  
RT: 4.59 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 141.2 | 0.0  | 286.2 |       |
| 98      | 65.2  | 0.0  | 131.0 |       |

Manual Integrations  
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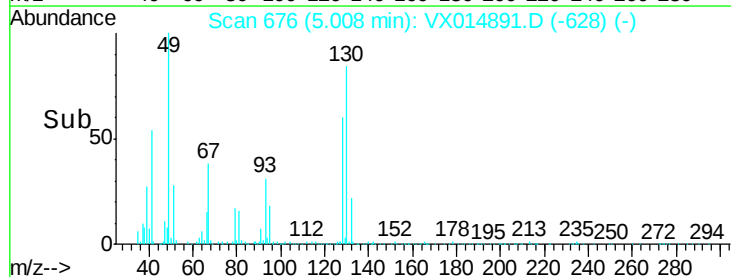
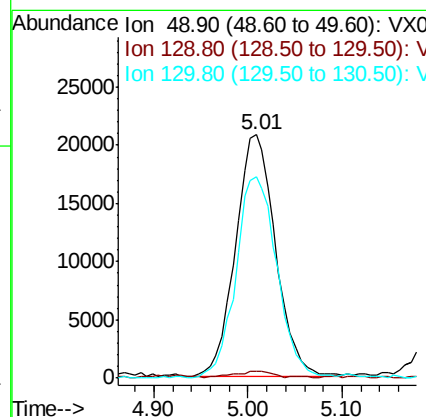
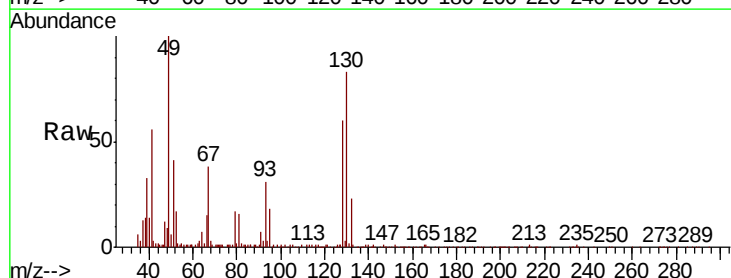
MMDadoda  
2/11/2020 10:35:26 AM

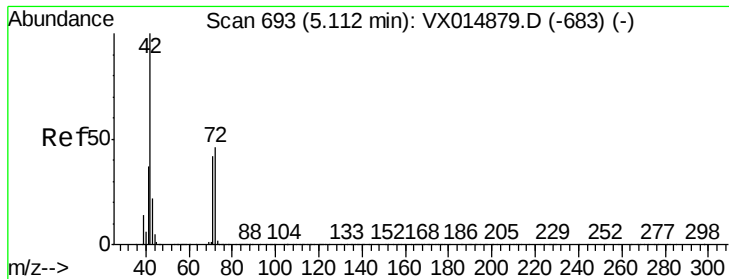


#28

Bromochloromethane  
Concen: 20.192 ug/l  
RT: 5.01 min Scan# 676  
Delta R.T. -0.01 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 2.8   | 0.0  | 5.2   |       |
| 130     | 85.4  | 67.4 | 101.2 |       |





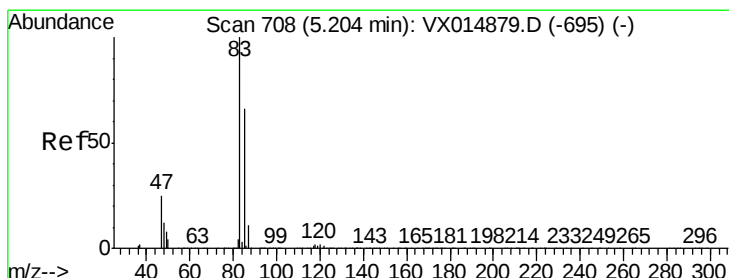
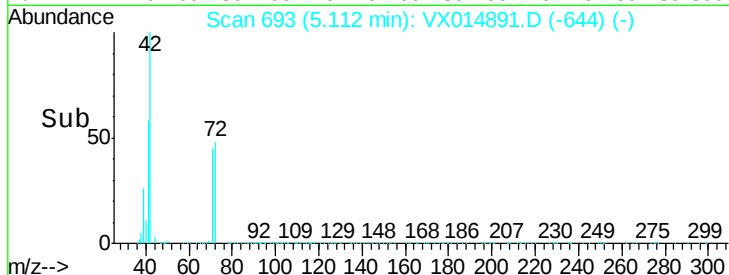
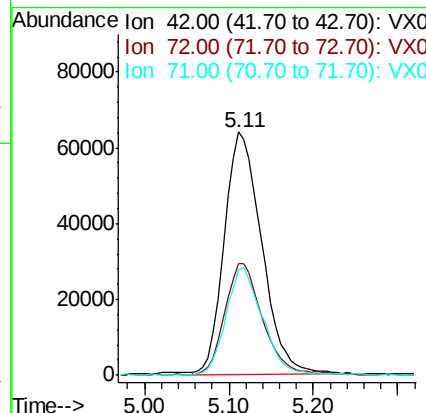
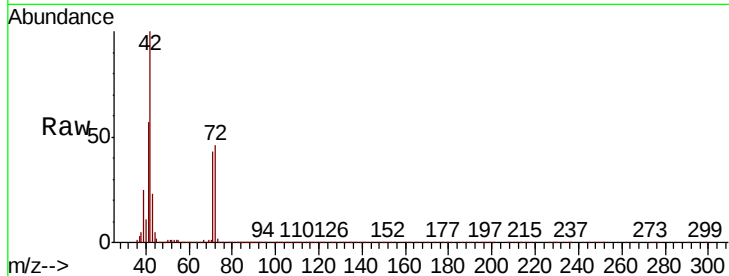
#29  
Tetrahydrofuran  
Concen: 99.275 ug/l  
RT: 5.11 min Scan# 693  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.4  | 36.9  | 55.3  |
| 71      | 43.1  | 34.1  | 51.1  |

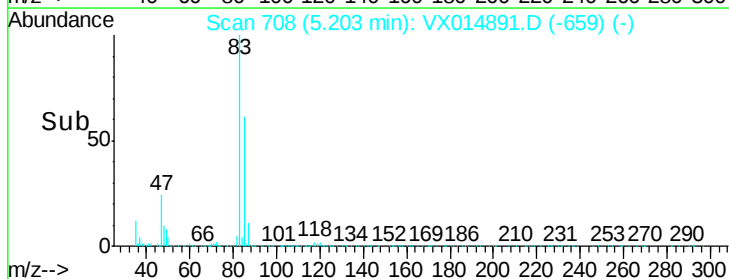
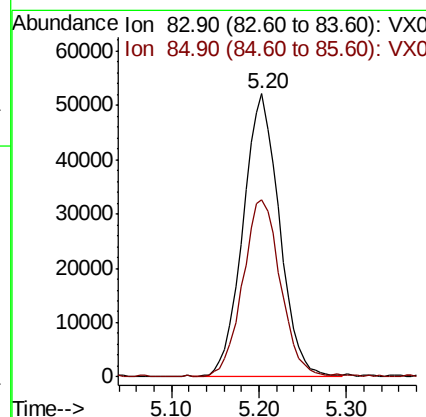
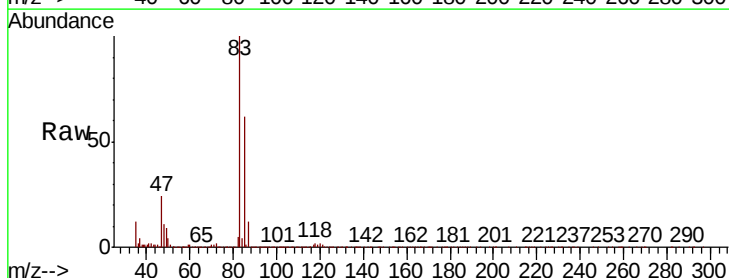
Manual Integrations  
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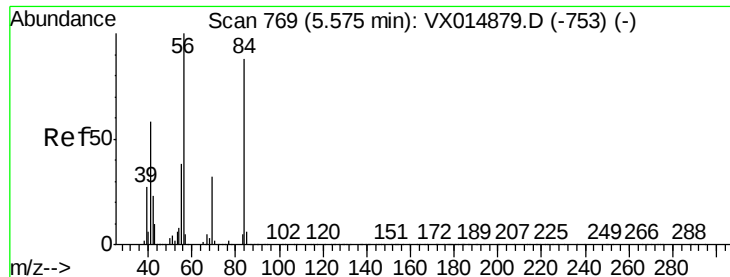
MMDadoda  
2/11/2020 10:35:26 AM



#30  
Chloroform  
Concen: 19.269 ug/l  
RT: 5.20 min Scan# 708  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.5  | 52.9  | 79.3  |





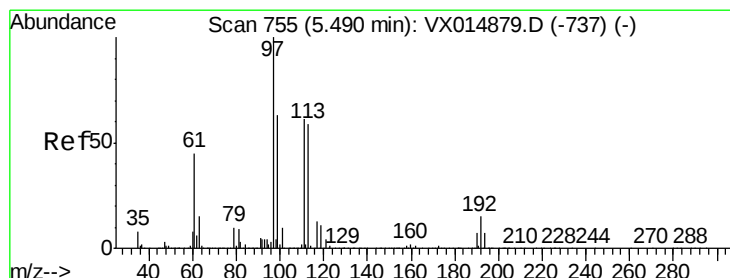
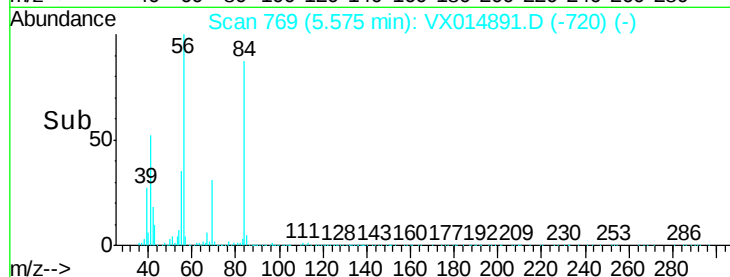
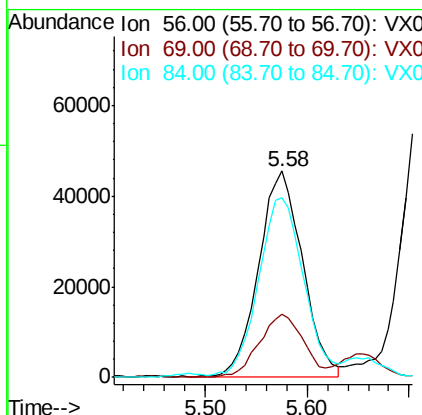
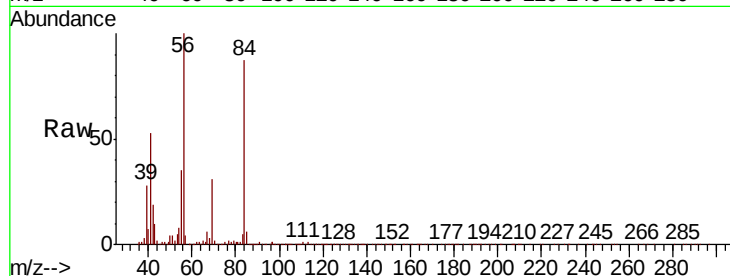
#31  
Cyclohexane  
Concen: 19.106 ug/l  
RT: 5.58 min Scan# 769  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 30.3  | 25.9  | 38.9  |
| 84      | 84.8  | 70.4  | 105.6 |

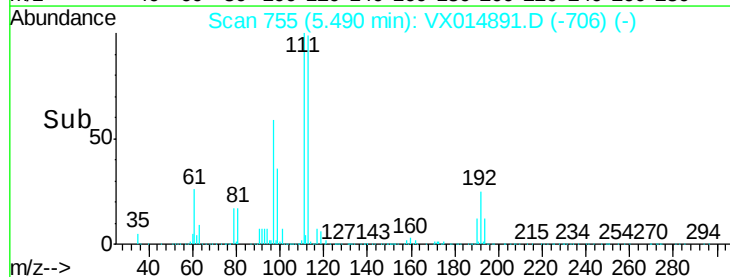
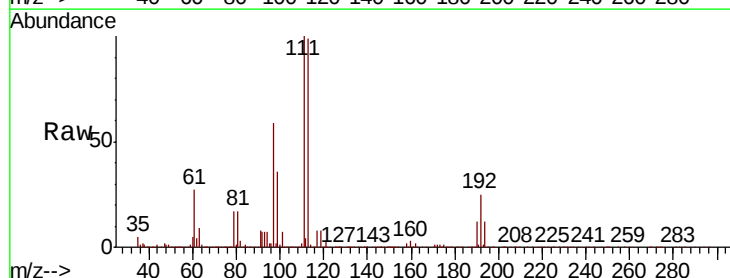
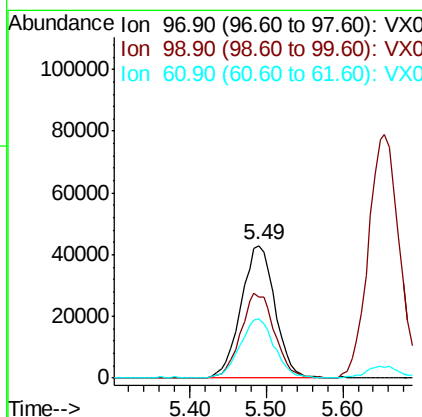
Manual Integrations  
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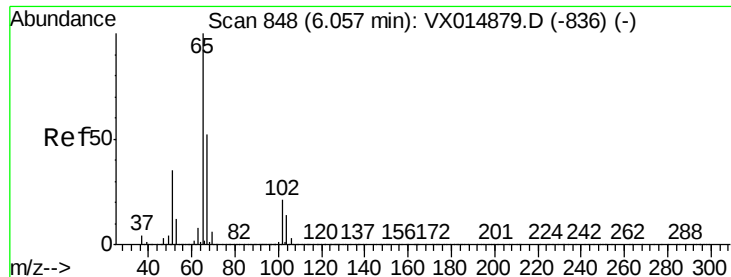
MMDadoda  
2/11/2020 10:35:26 AM



#32  
1,1,1-Trichloroethane  
Concen: 19.379 ug/l  
RT: 5.49 min Scan# 755  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.8  | 51.0  | 76.6  |
| 61      | 45.6  | 36.3  | 54.5  |





#33

1,2-Dichloroethane-d4

Concen: 49.587 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0210WBSD01

Tot Ion: 65 Resp: 250049

Ion Ratio Lower Upper

65 100

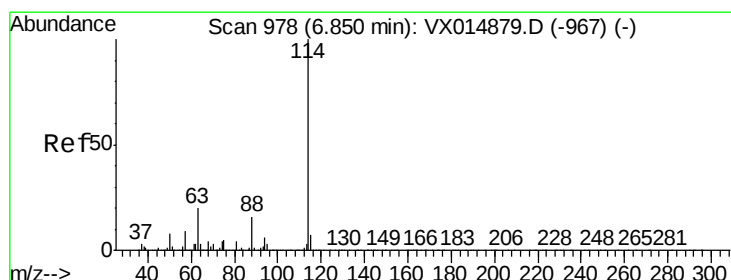
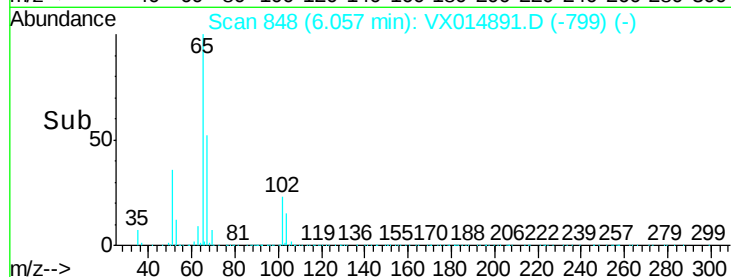
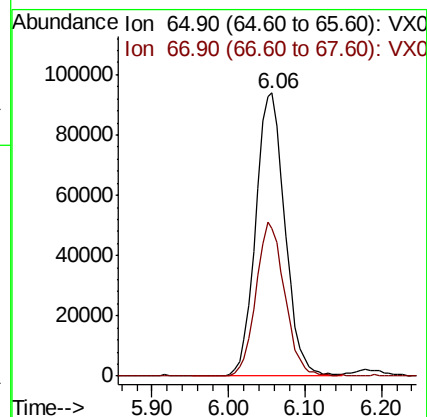
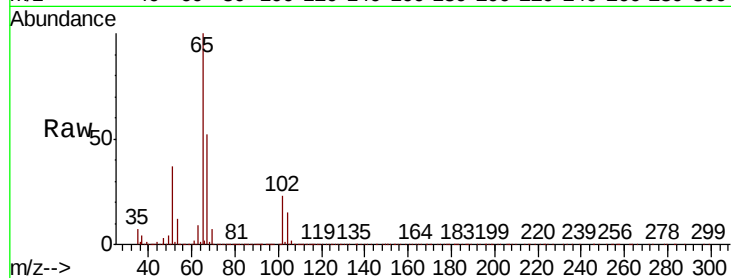
67 53.2 0.0 103.0

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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: VX014891.D

Acq: 10 Feb 2020 16:31

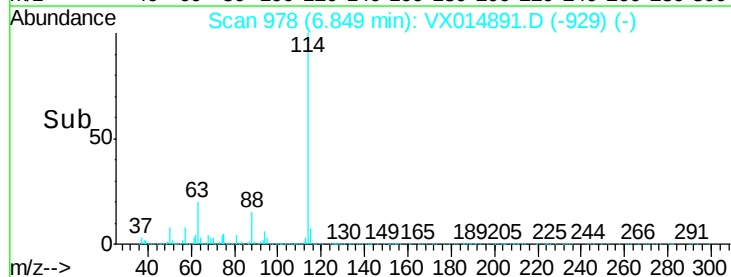
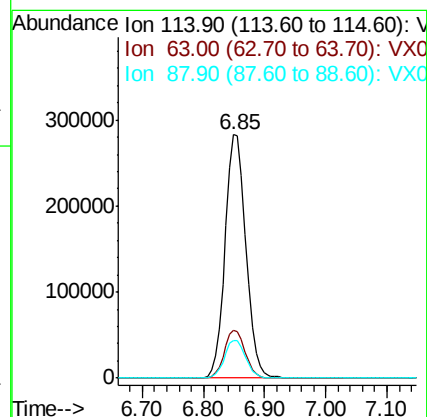
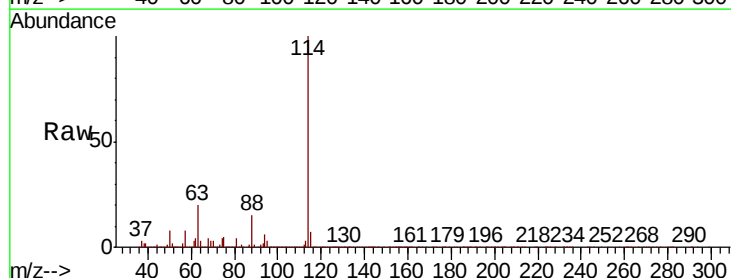
Tgt Ion: 114 Resp: 665727

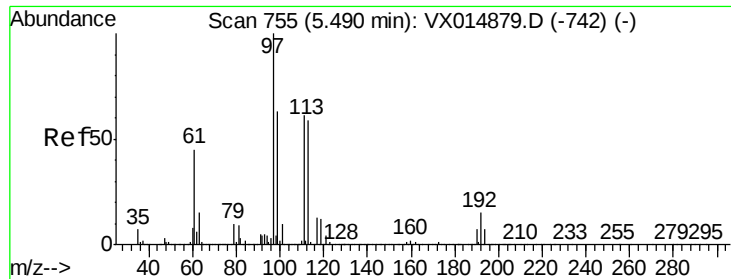
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

88 15.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.149 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

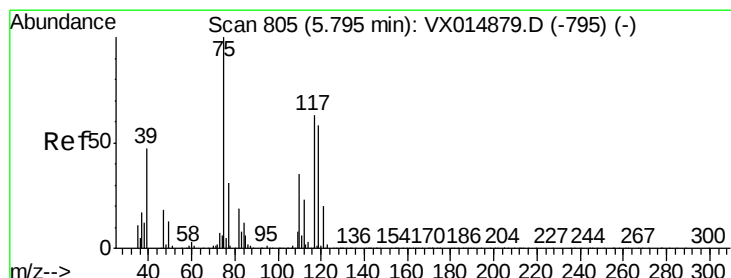
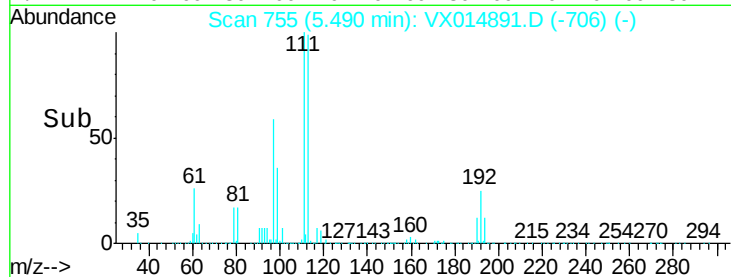
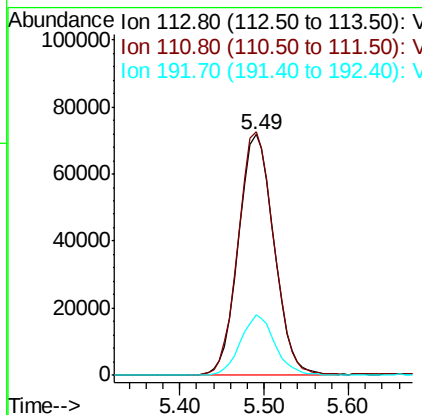
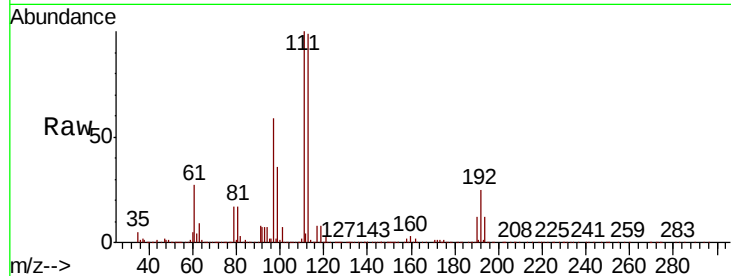
ClientSampleId :

VX0210WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 205247 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 100.9 | 82.4  | 123.6  |
| 192       | 24.0  | 19.1  | 28.7   |

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#36

1,1-Dichloropropene

Concen: 19.324 ug/l

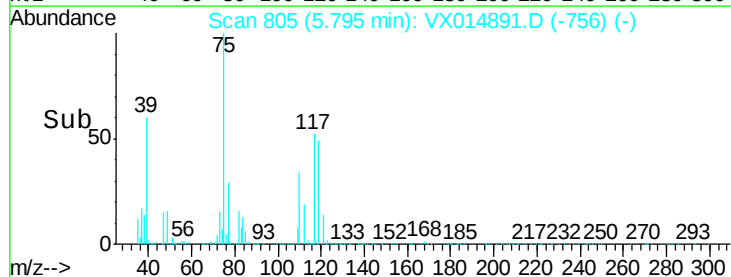
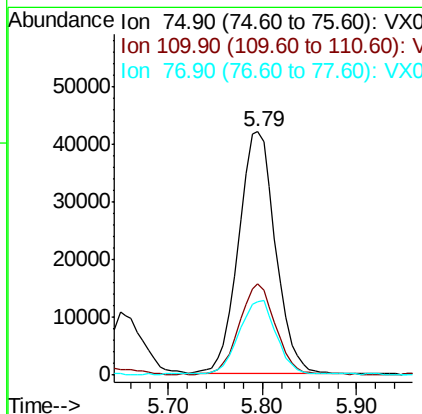
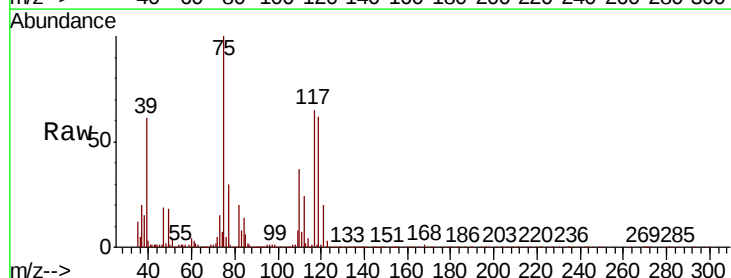
RT: 5.79 min Scan# 805

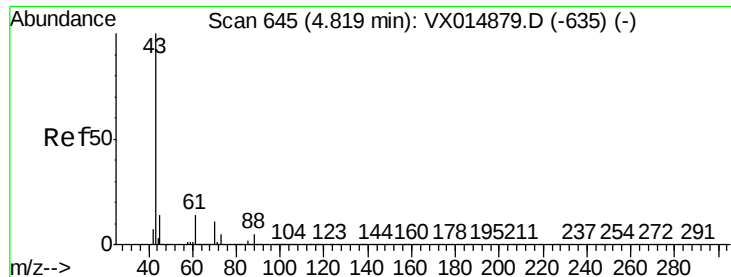
Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 115079 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 36.8  | 18.3  | 54.8   |
| 77        | 29.9  | 24.6  | 36.8   |





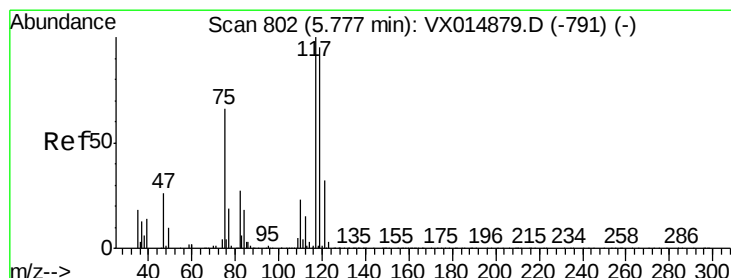
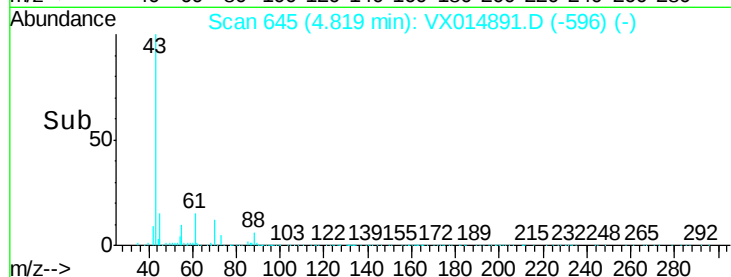
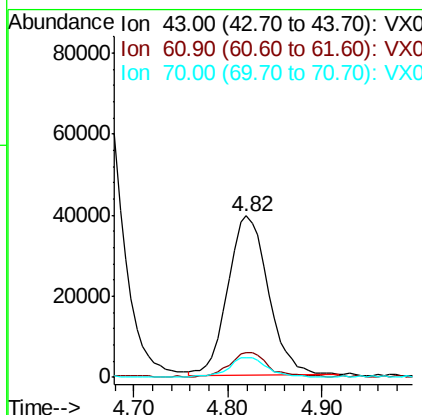
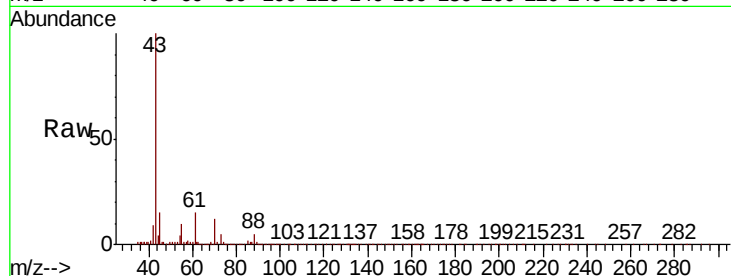
#37  
Ethyl Acetate  
Concen: 18.916 ug/l  
RT: 4.82 min Scan# 645  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.3  | 10.9  | 16.3  |
| 70      | 11.3  | 8.7   | 13.1  |

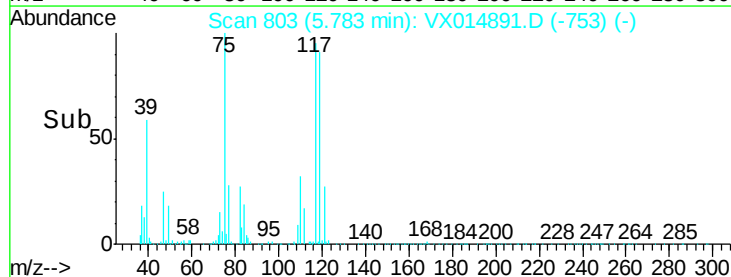
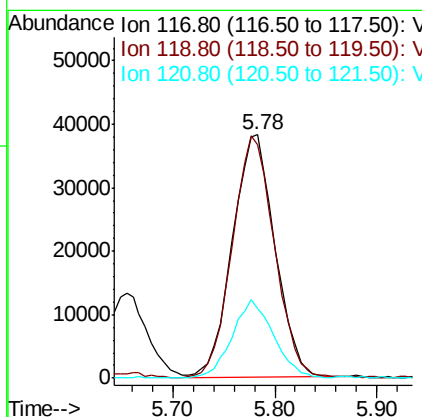
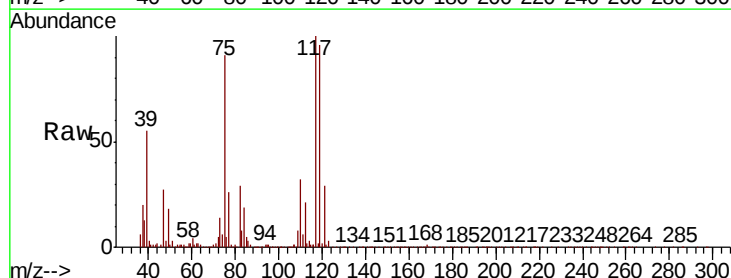
Manual Integrations  
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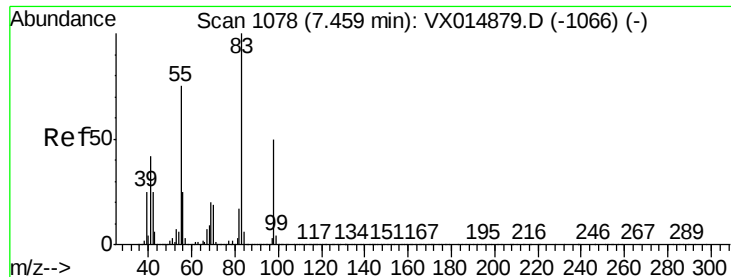
MMDadoda  
2/11/2020 10:35:26 AM



#38  
Carbon Tetrachloride  
Concen: 18.937 ug/l  
RT: 5.78 min Scan# 803  
Delta R.T. 0.01 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.9  | 76.0  | 114.0 |
| 121     | 28.4  | 25.4  | 38.2  |





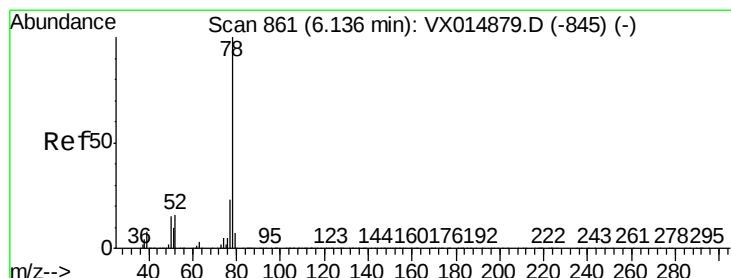
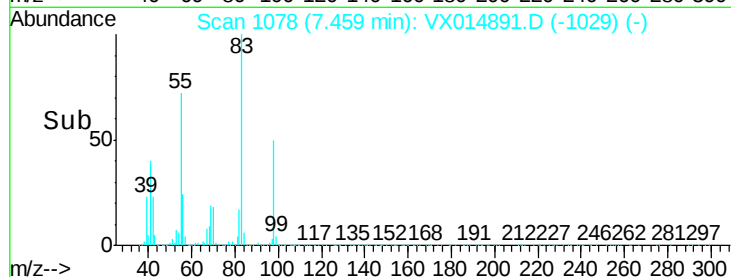
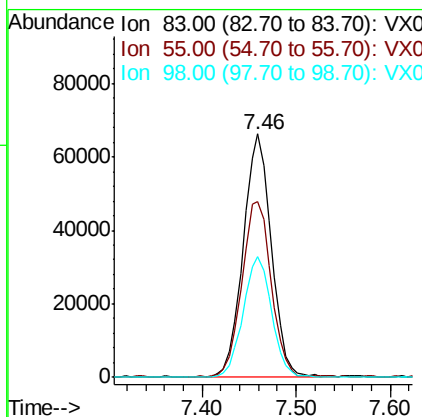
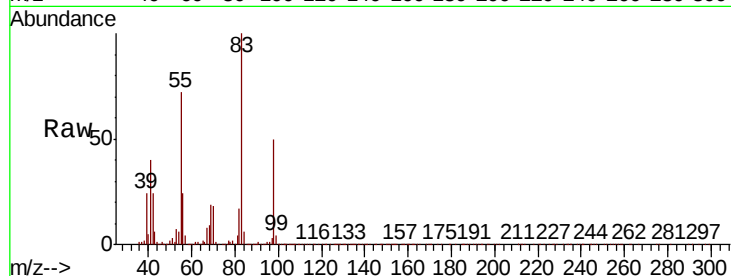
#39  
Methvlcvclohexane  
Concen: 18.628 ug/l  
RT: 7.46 min Scan# 1078  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.1  | 60.0  | 90.0  |
| 98      | 49.8  | 39.6  | 59.4  |

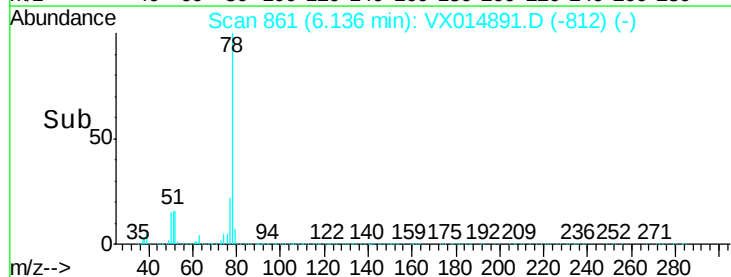
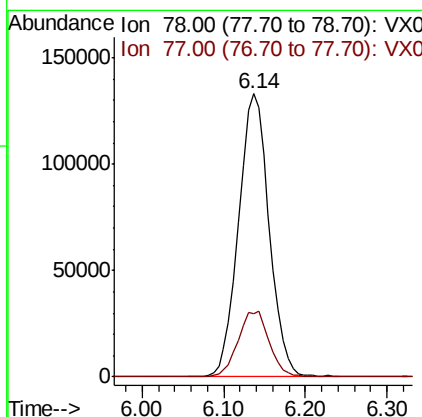
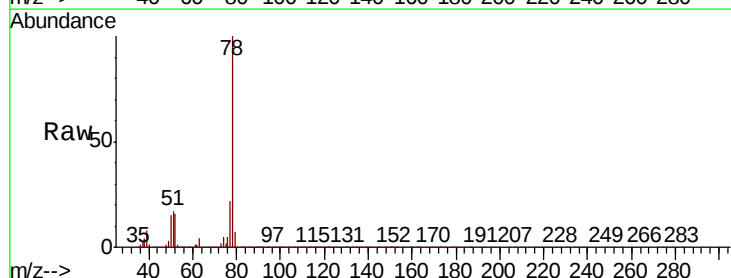
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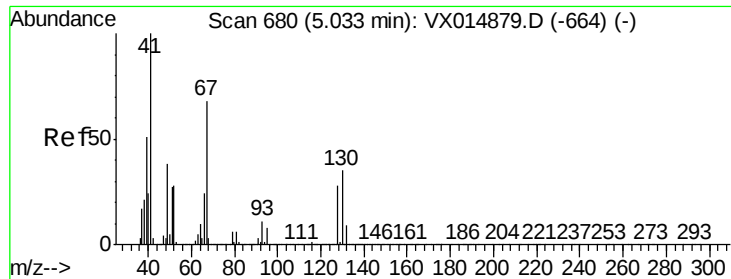
MMDadoda  
2/11/2020 10:35:26 AM



#40  
Benzene  
Concen: 19.362 ug/l  
RT: 6.14 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.3  | 18.8  | 28.2  |





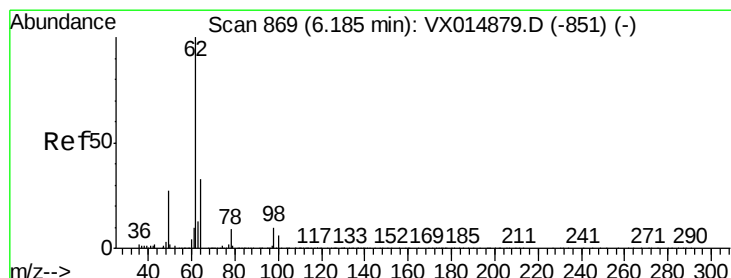
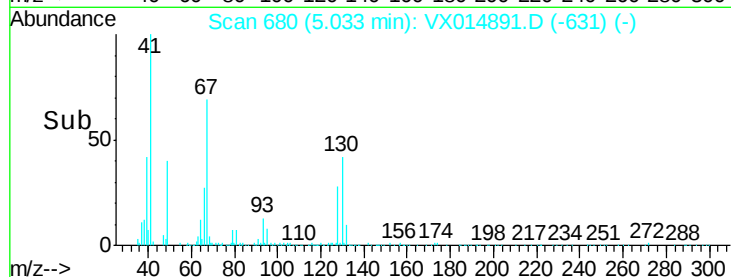
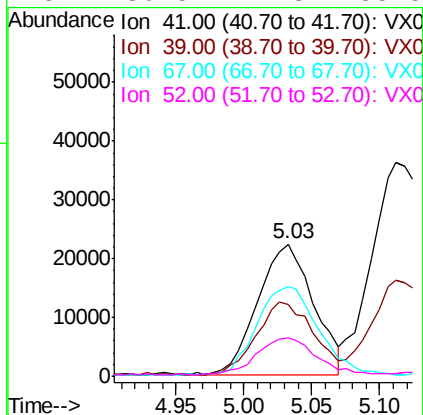
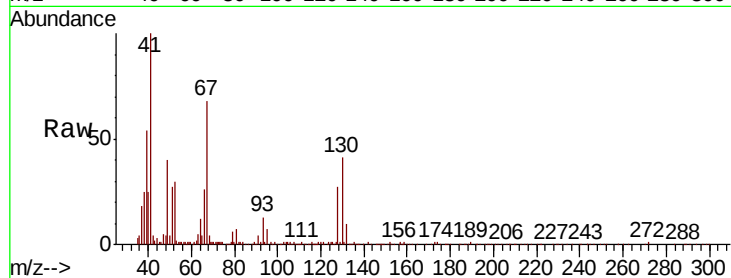
#41  
Methacrylonitrile  
Concen: 19.072 ug/l  
RT: 5.03 min Scan# 680  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 63816 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 56.0  | 44.7  | 67.1  |
| 67       | 75.5  | 56.6  | 84.8  |
| 52       | 30.5  | 22.3  | 33.5  |

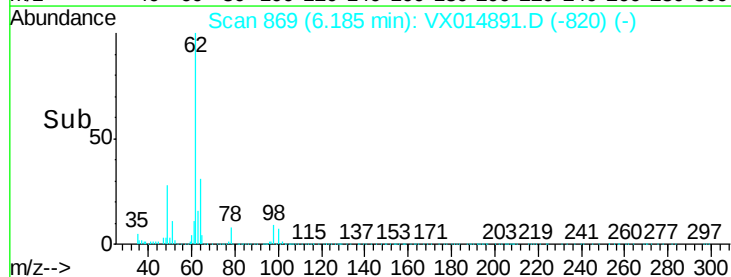
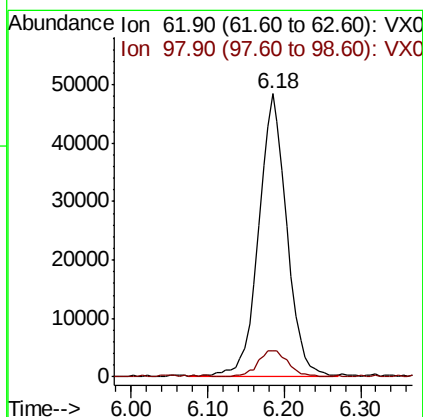
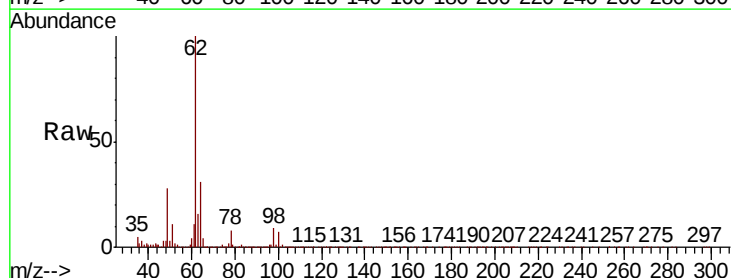
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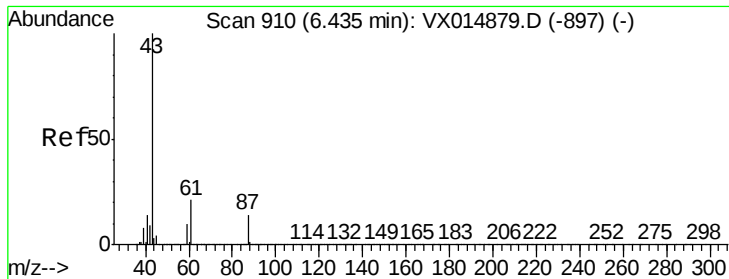
MMDadoda  
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#42  
1,2-Dichloroethane  
Concen: 19.377 ug/l  
RT: 6.18 min Scan# 869  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 124611 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.2  | 0.0   | 19.2   |





#43

Isopropyl Acetate

Concen: 19.632 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

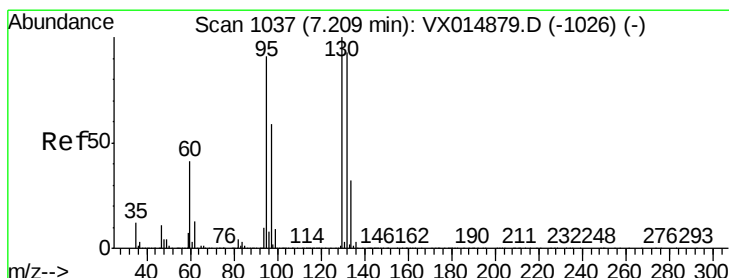
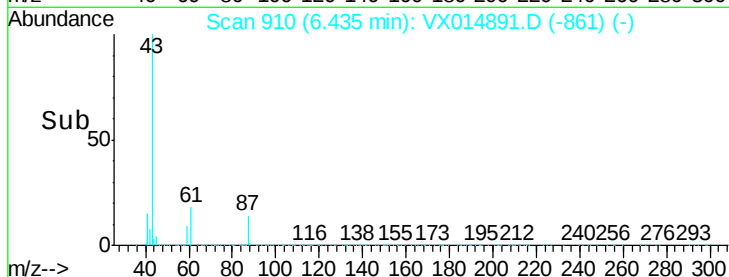
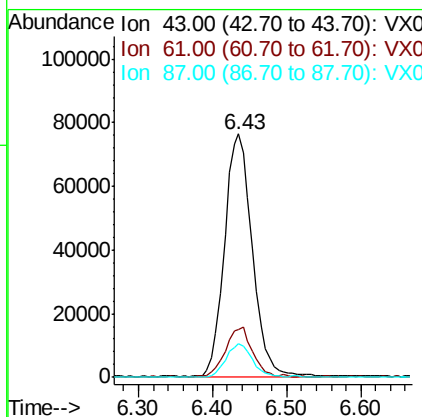
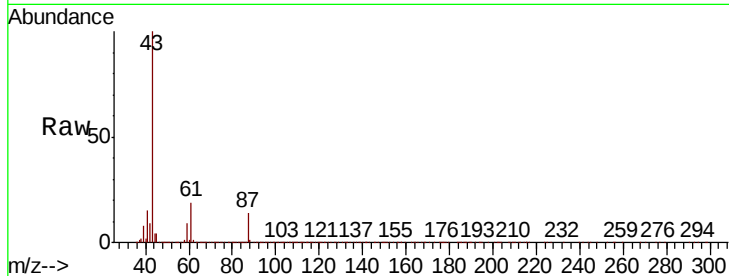
ClientSampleId :

VX0210WBSD01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 43   | Resp: | 201149 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 61        | 19.5 | 16.2  | 24.4   |
| 87        | 13.1 | 11.0  | 16.6   |

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#44

Trichloroethene

Concen: 19.300 ug/l

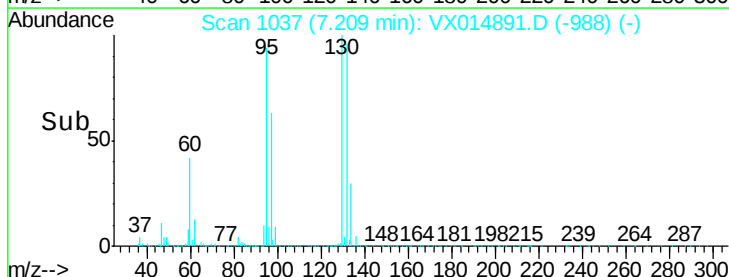
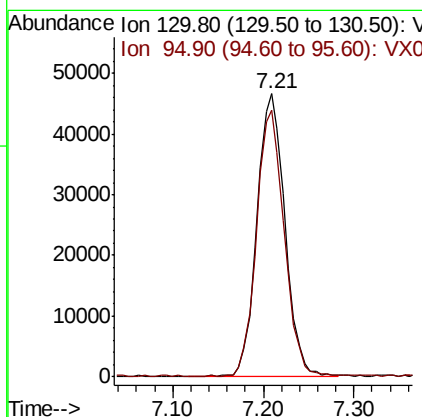
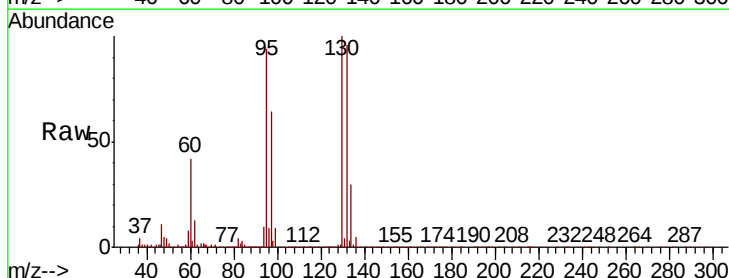
RT: 7.21 min Scan# 1037

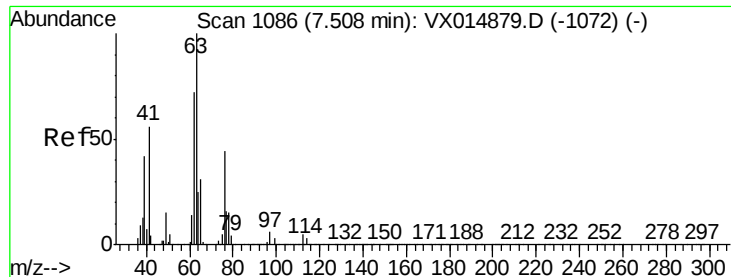
Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 130  | Resp: | 99687 |
| Ion Ratio |      | Lower | Upper |
| 130       | 100  |       |       |
| 95        | 94.2 | 0.0   | 182.6 |





#45

1,2-Dichloropropane

Concen: 19.014 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0210WBSD01

Tot Ion: 63 Resp: 86279

Ion Ratio Lower Upper

63 100

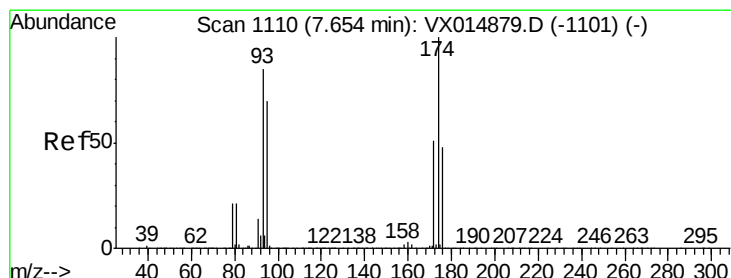
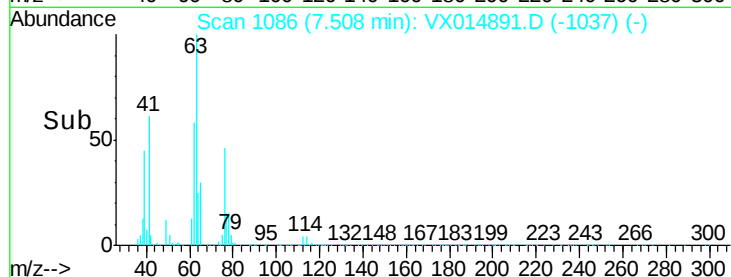
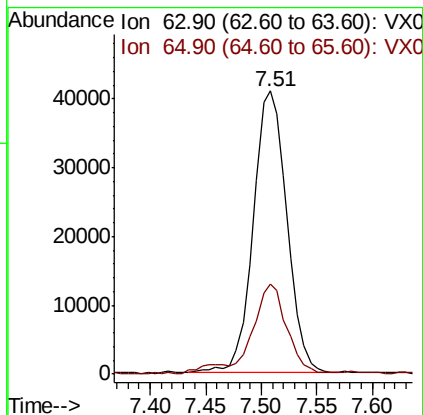
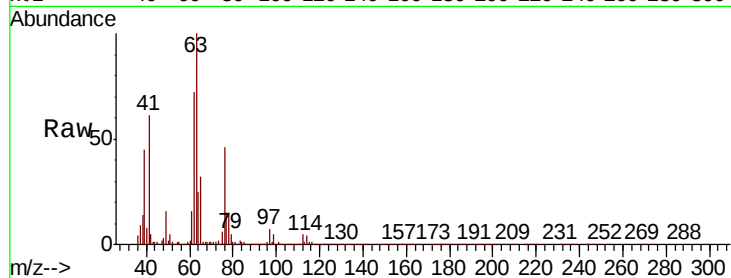
65 31.3 24.9 37.3

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#46

Dibromomethane

Concen: 19.456 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

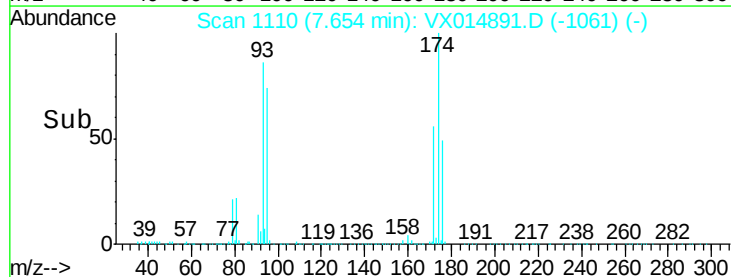
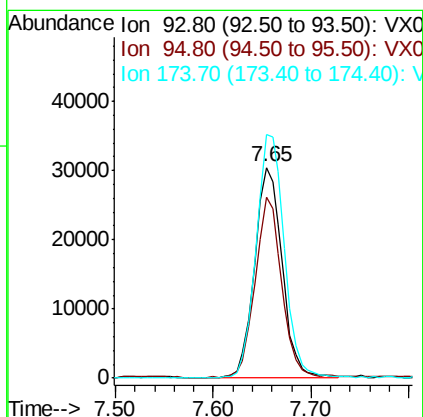
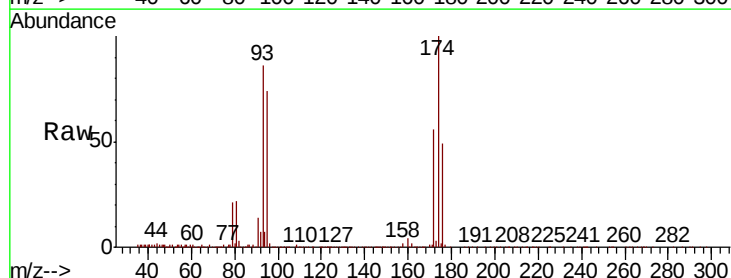
Tgt Ion: 93 Resp: 60349

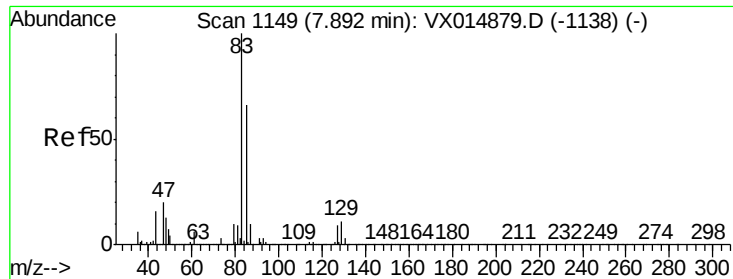
Ion Ratio Lower Upper

93 100

95 81.7 65.8 98.8

174 118.1 95.4 143.2





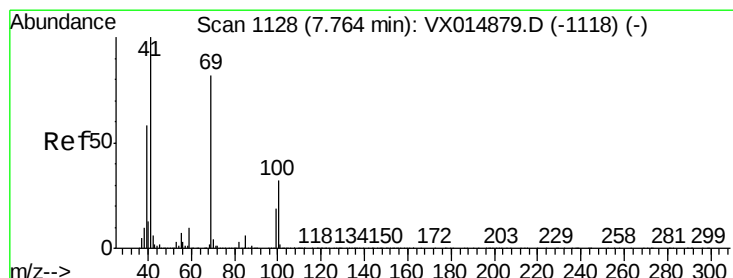
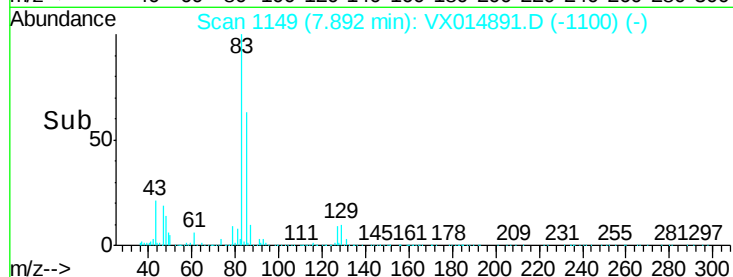
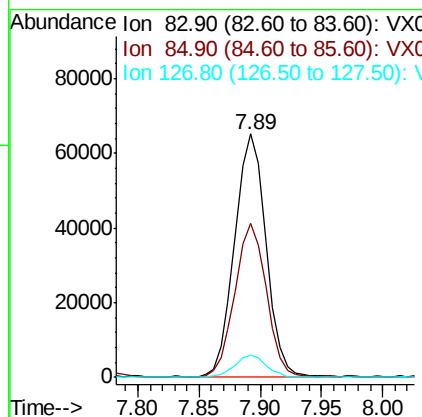
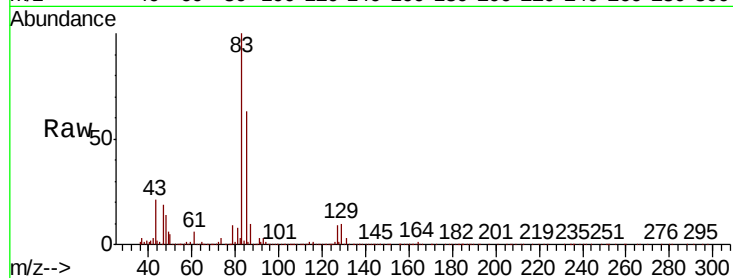
#47  
Bromodichloromethane  
Concen: 18.730 ug/l  
RT: 7.89 min Scan# 1149  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

| Tot Ion   | 83    | Resp  | 115194 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.1  | 52.5  | 78.7   |
| 127       | 8.9   | 7.4   | 11.0   |

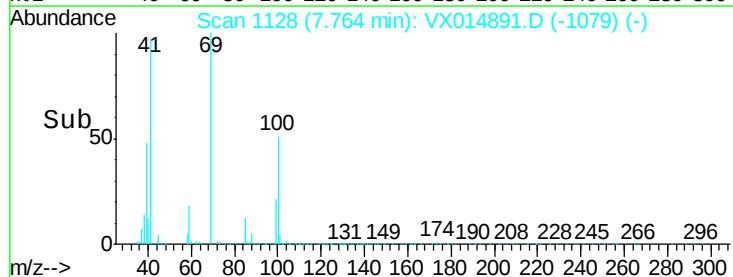
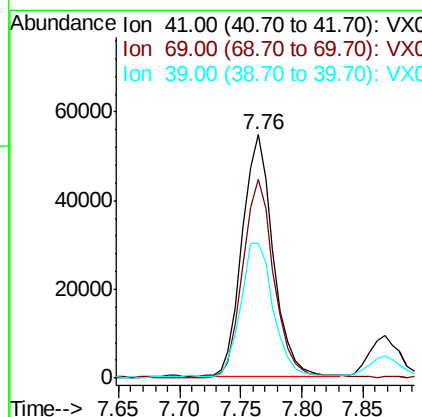
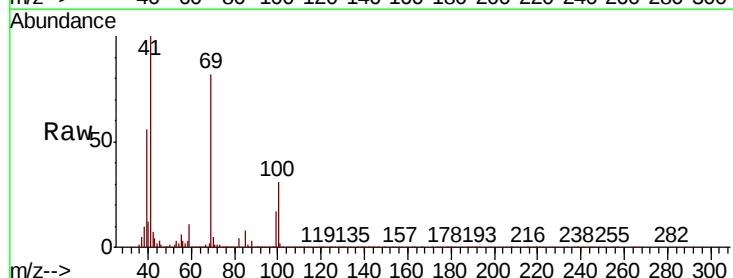
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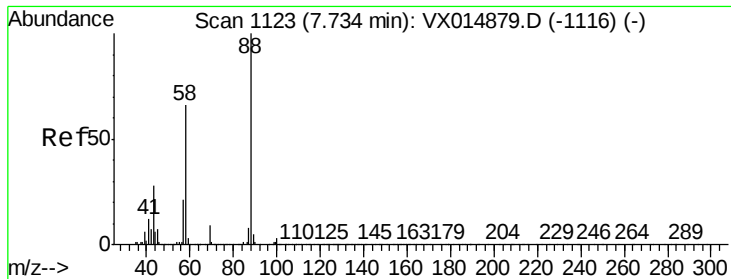
MMDadoda  
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#48  
Methyl methacrylate  
Concen: 19.106 ug/l  
RT: 7.76 min Scan# 1128  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion   | 41    | Resp  | 96339 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 83.6  | 65.7  | 98.5  |
| 39        | 57.9  | 45.8  | 68.8  |





#49

1,4-Dioxane

Concen: 403.576 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

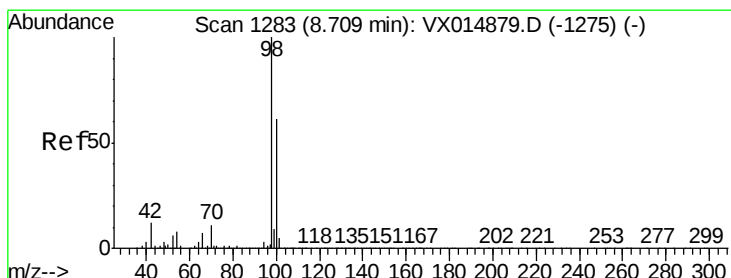
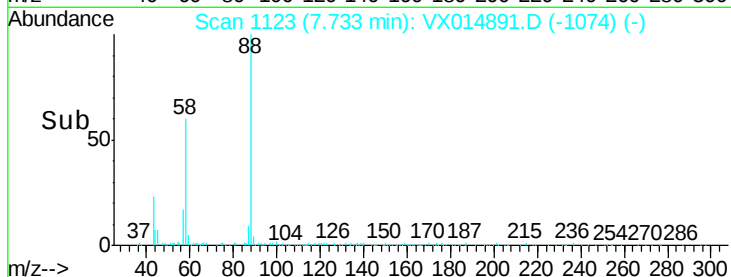
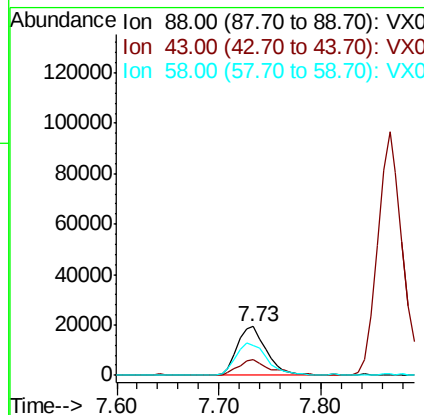
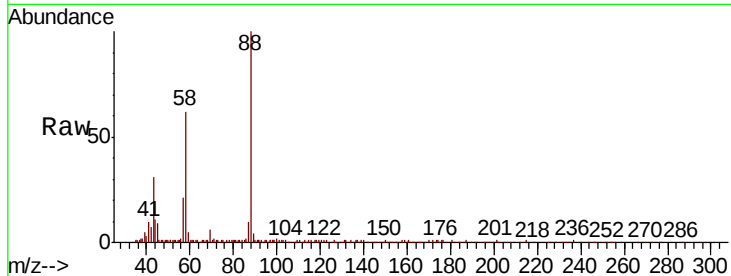
ClientSampleId :

VX0210WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 88    | Resp: | 38048 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 32.9  | 27.0  | 40.4  |
| 58        | 70.3  | 53.2  | 79.8  |

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#50

Toluene-d8

Concen: 50.462 ug/l

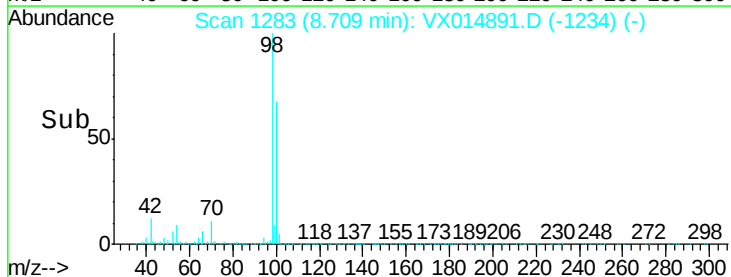
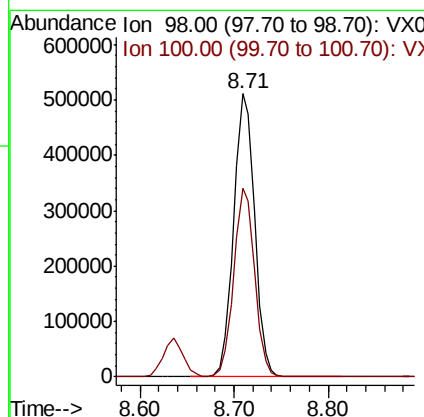
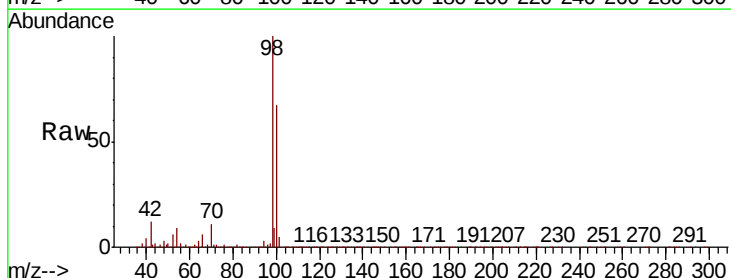
RT: 8.71 min Scan# 1283

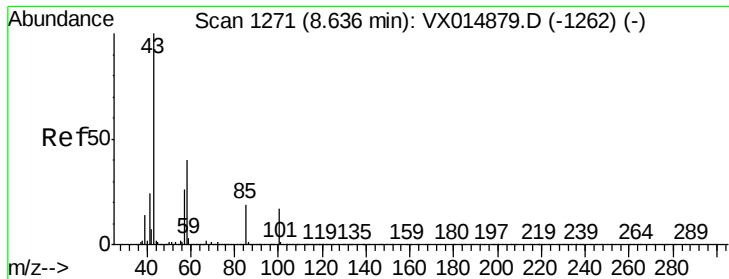
Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 788331 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 65.9  | 52.4  | 78.6   |





#51

4-Methyl-2-Pentanone

Concen: 98.163 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0210WBSD01

Tot Ion: 43 Resp: 607315

Ion Ratio Lower Upper

43 100

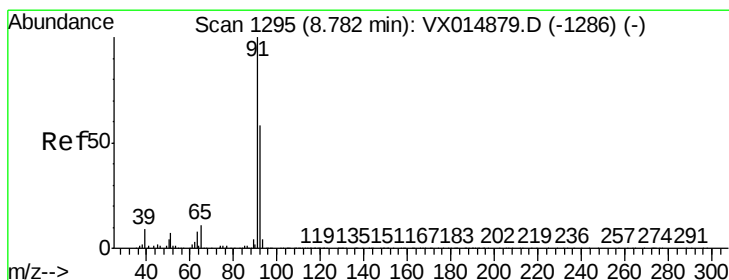
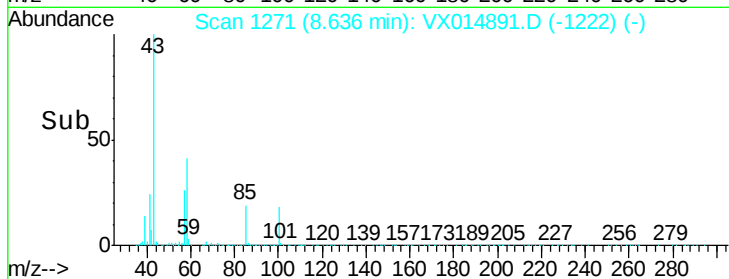
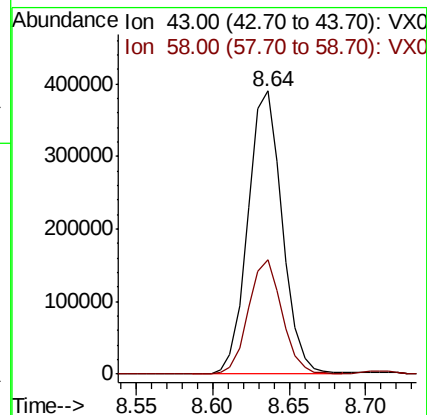
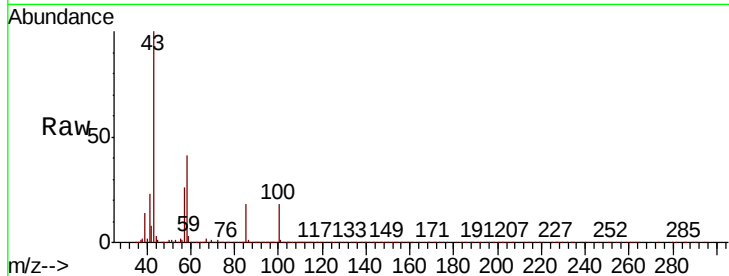
58 39.9 31.9 47.9

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#52

Toluene

Concen: 19.151 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014891.D

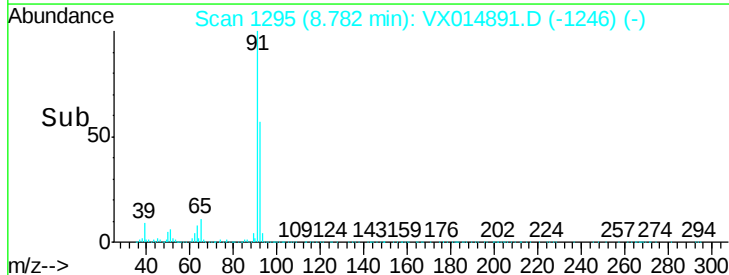
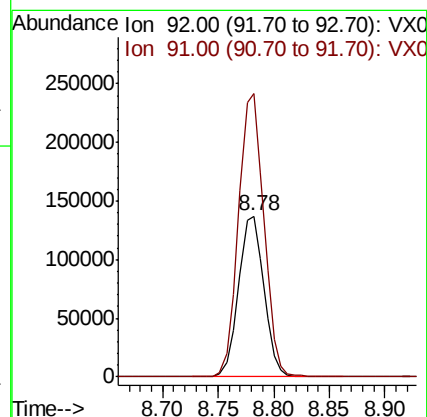
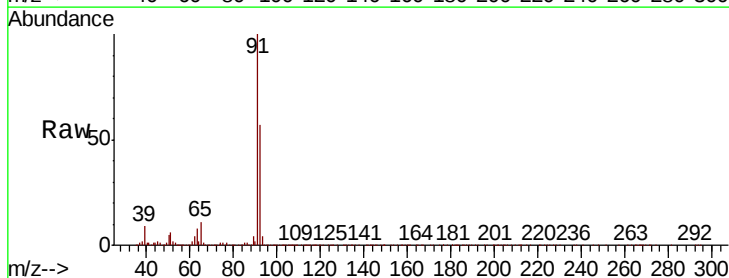
Acq: 10 Feb 2020 16:31

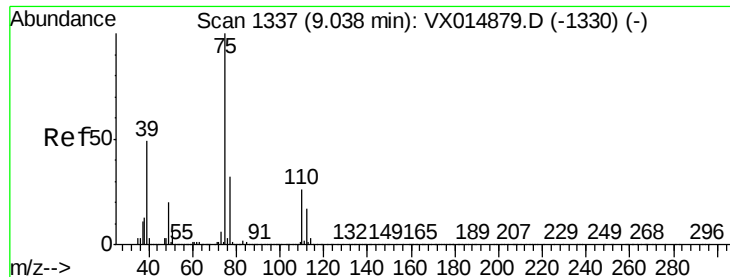
Tgt Ion: 92 Resp: 216423

Ion Ratio Lower Upper

92 100

91 176.4 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 18.732 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0210WBSD01

Tot Ion: 75 Resp: 126258

Ion Ratio Lower Upper

75 100

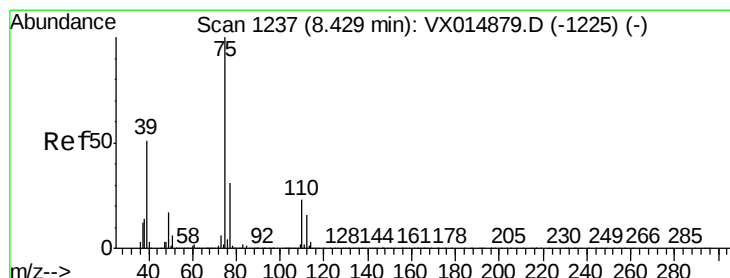
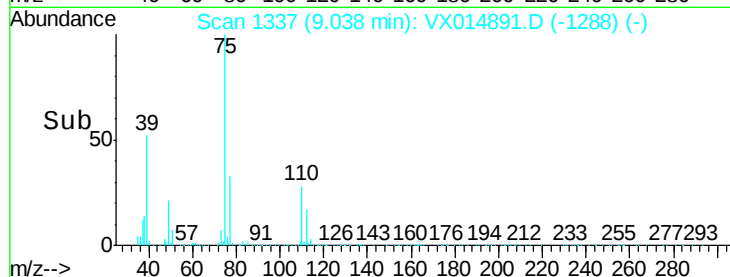
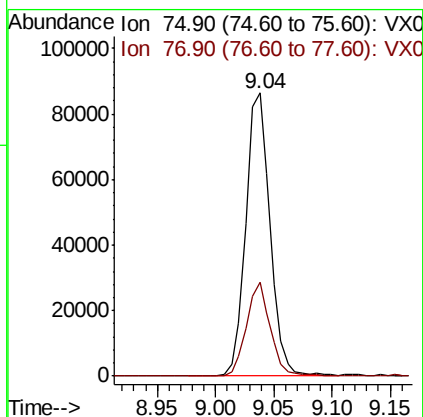
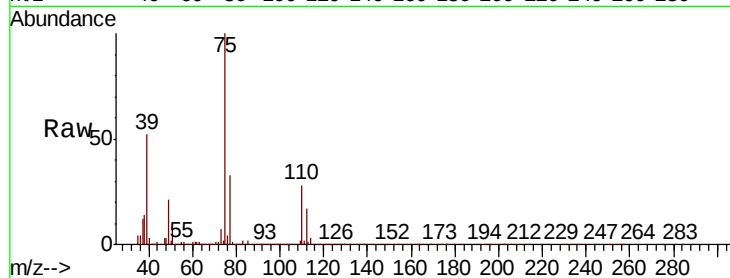
77 32.9 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 18.661 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

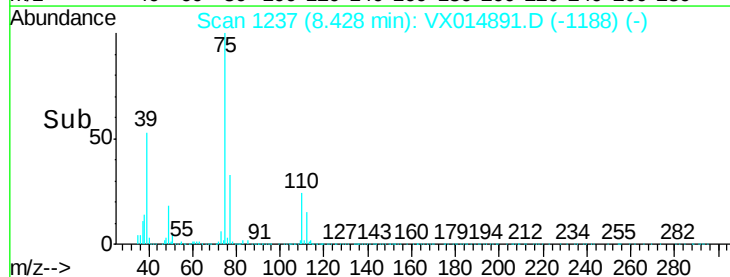
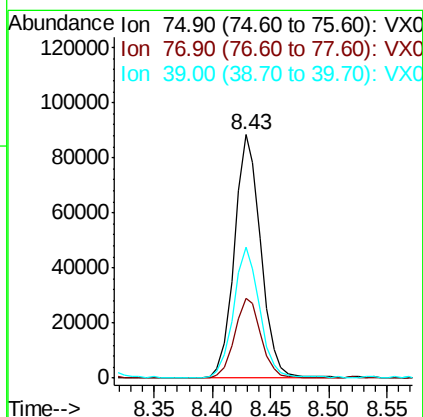
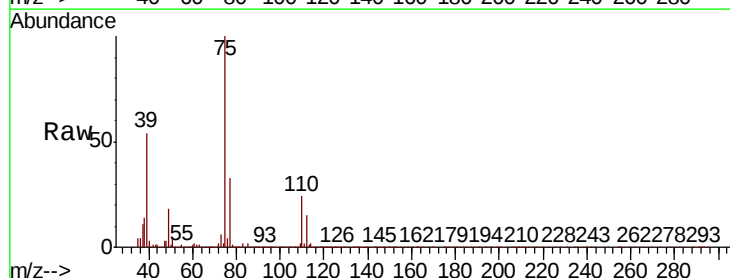
Tgt Ion: 75 Resp: 138949

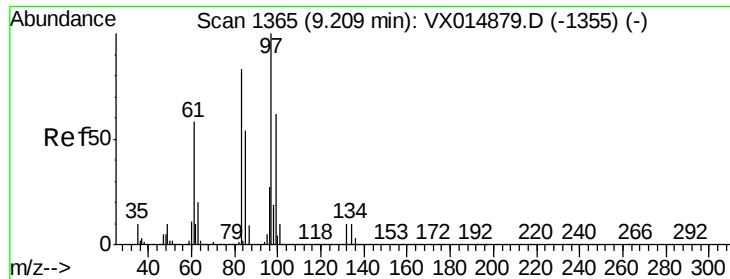
Ion Ratio Lower Upper

75 100

77 32.5 24.6 37.0

39 53.5 40.9 61.3





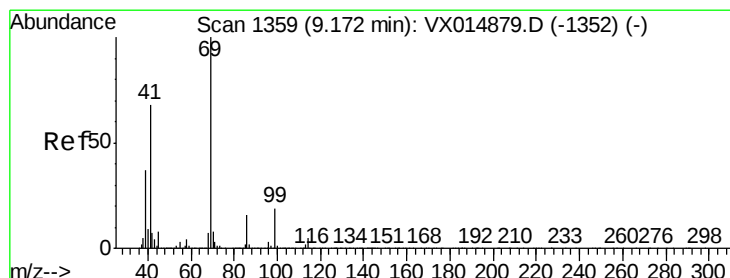
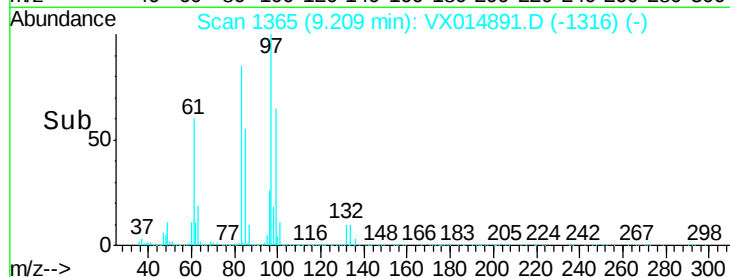
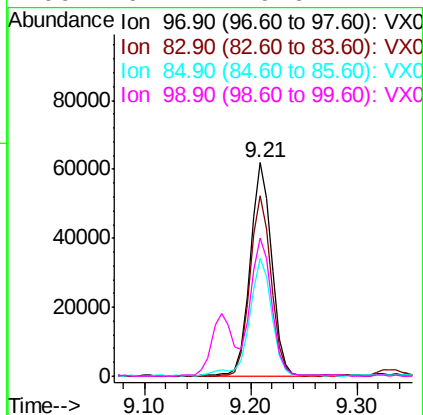
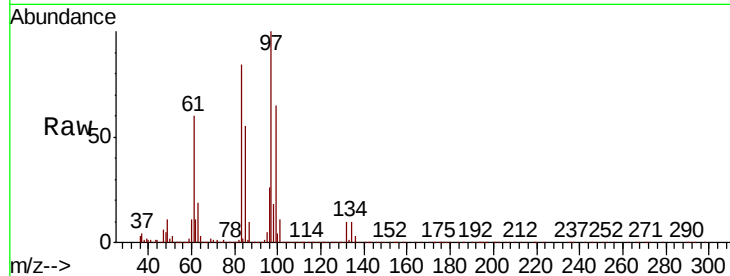
#55  
 1,1,2-Trichloroethane  
 Concen: 19.287 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. -0.00 min  
 Lab File: VX014891.D  
 Acq: 10 Feb 2020 16:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0210WBSD01

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 97      | 100  |       | 88183 |       |       |
| 83      | 84.3 | 66.6  | 99.8  |       |       |
| 85      | 54.9 | 43.5  | 65.3  |       |       |
| 99      | 64.7 | 49.6  | 74.4  |       |       |

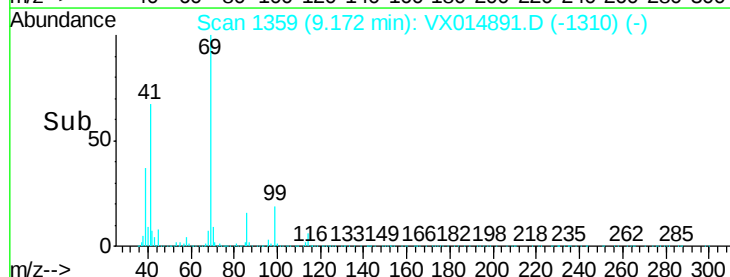
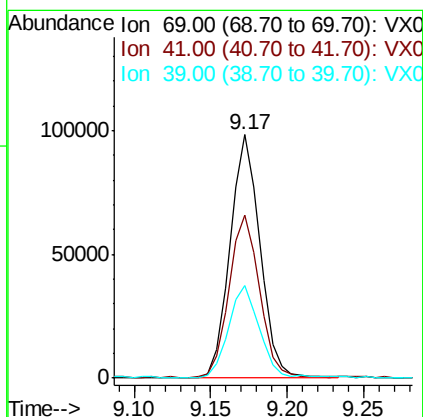
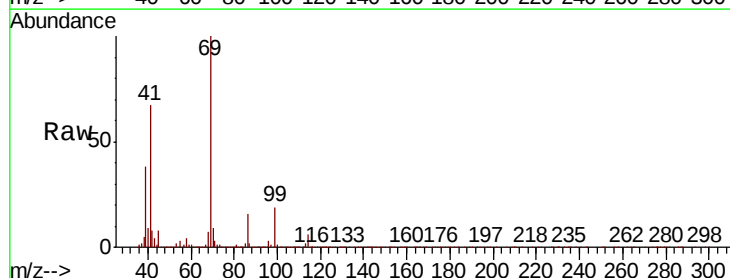
Manual Integrations  
 APPROVED

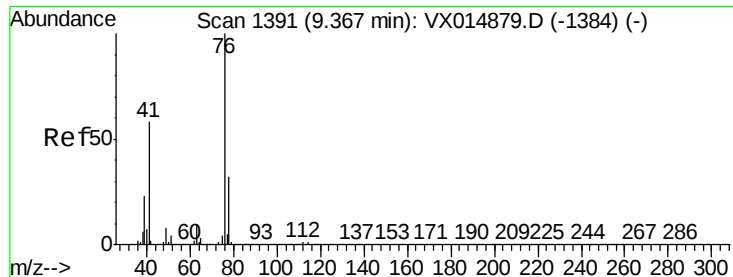
MMDadoda  
 2/11/2020 10:35:26 AM



#56  
 Ethyl methacrylate  
 Concen: 19.351 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. -0.00 min  
 Lab File: VX014891.D  
 Acq: 10 Feb 2020 16:31

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 132989 |       |       |
| 41      | 68.2 | 54.8  | 82.2   |       |       |
| 39      | 38.6 | 29.9  | 44.9   |       |       |





#57

1,3-Dichloropropane

Concen: 19.134 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0210WBSD01

Tot Ion: 76 Resp: 147263

Ion Ratio Lower Upper

76 100

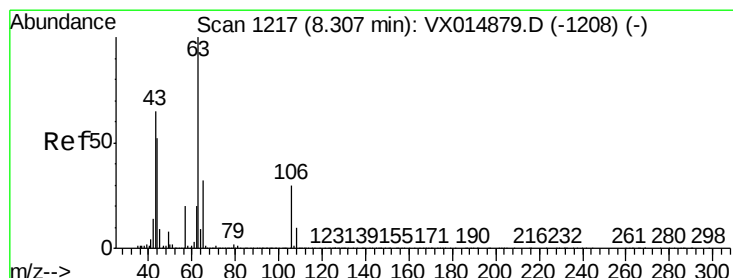
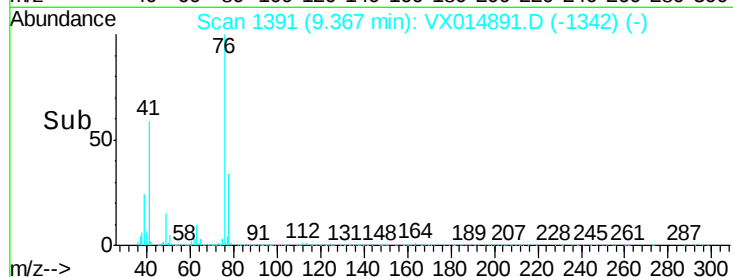
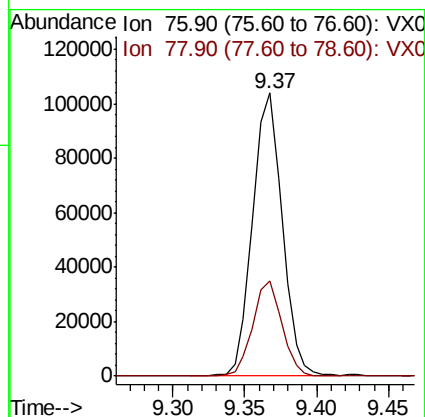
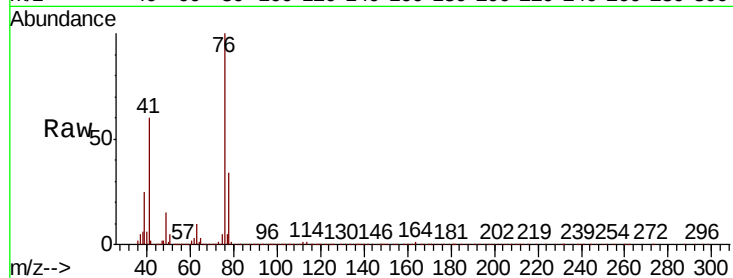
78 32.7 25.8 38.8

Manual Integrations

APPROVED

MMDadoda

2/11/2020 10:35:26 AM



#58

2-Chloroethyl Vinyl ether

Concen: 91.513 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014891.D

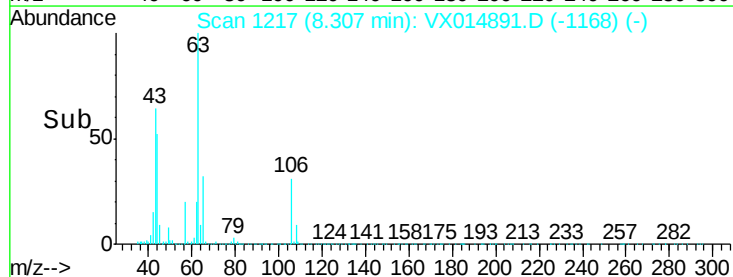
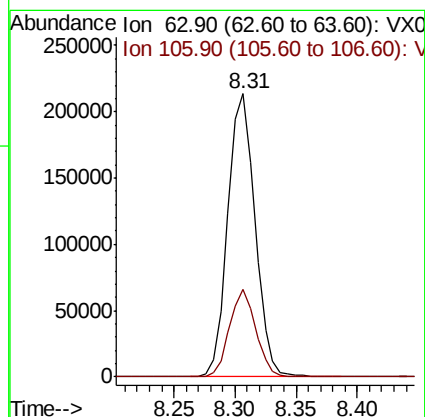
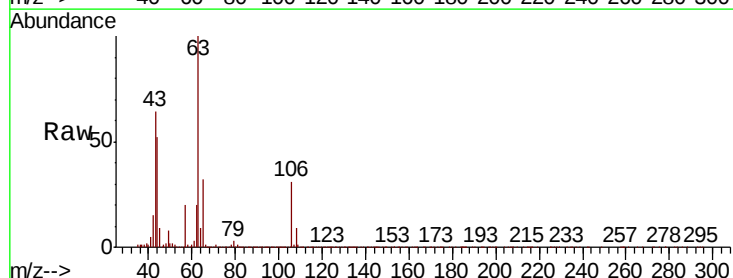
Acq: 10 Feb 2020 16:31

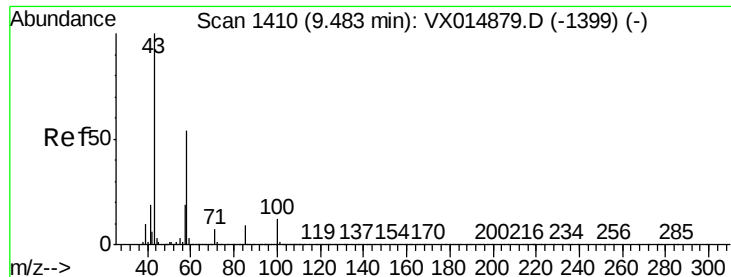
Tgt Ion: 63 Resp: 328908

Ion Ratio Lower Upper

63 100

106 29.9 23.8 35.8





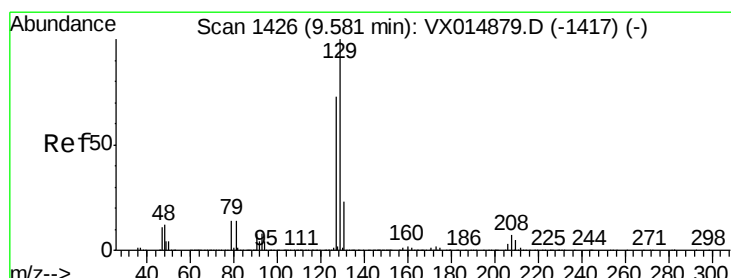
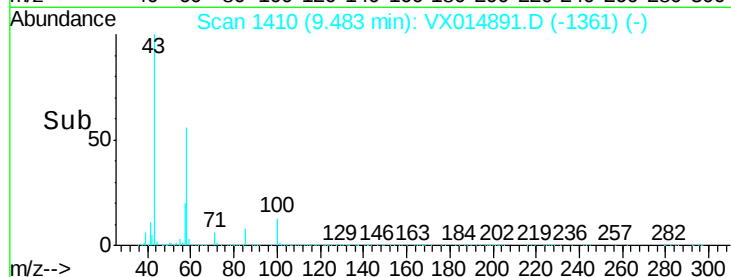
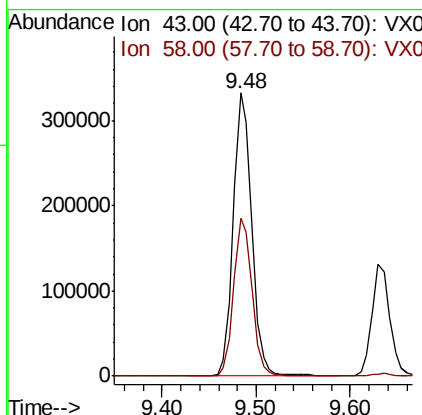
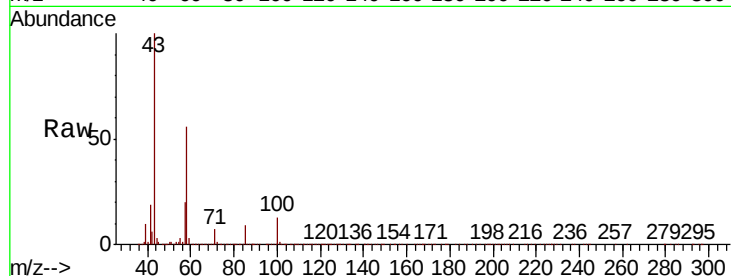
#59  
2-Hexanone  
Concen: 92.850 ug/l  
RT: 9.48 min Scan# 1410  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 56.4  | 27.5  | 82.5  |

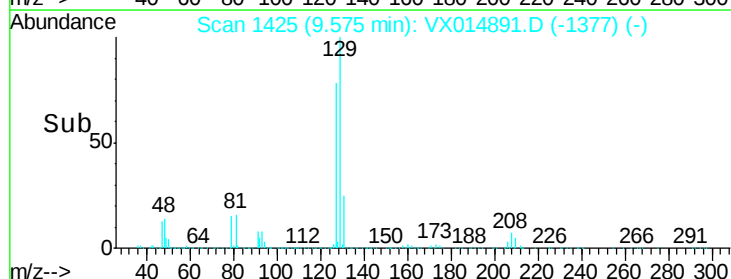
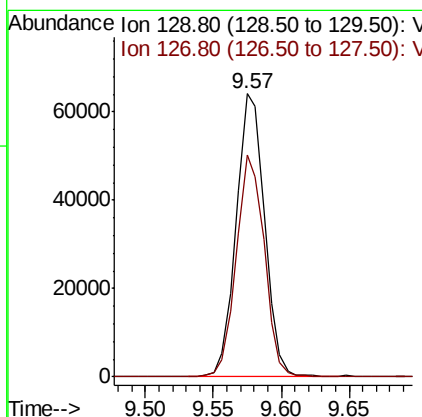
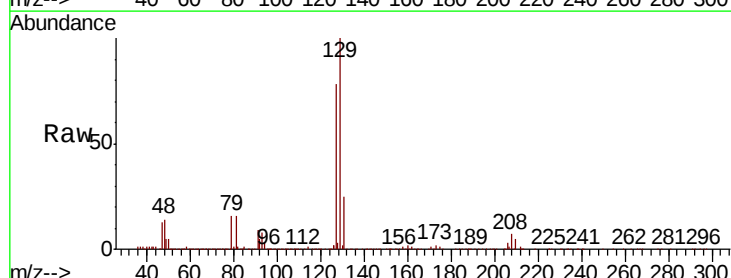
Manual Integrations  
APPROVED

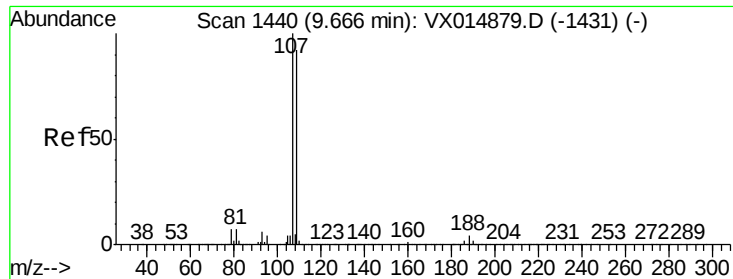
MMDadoda  
2/11/2020 10:35:26 AM



#60  
Dibromochloromethane  
Concen: 18.994 ug/l  
RT: 9.57 min Scan# 1425  
Delta R.T. -0.01 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 76.7  | 37.8  | 113.3 |





#61

1,2-Dibromoethane

Concen: 19.238 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0210WBSD01

Tot Ion: 107 Resp: 94908

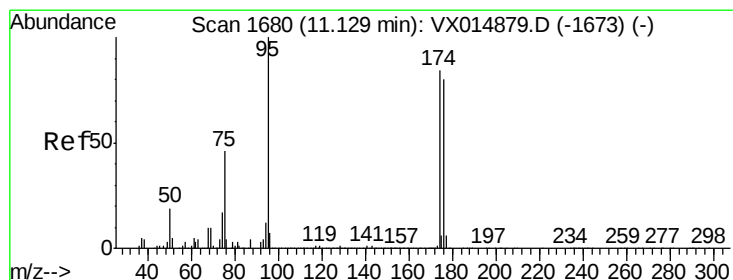
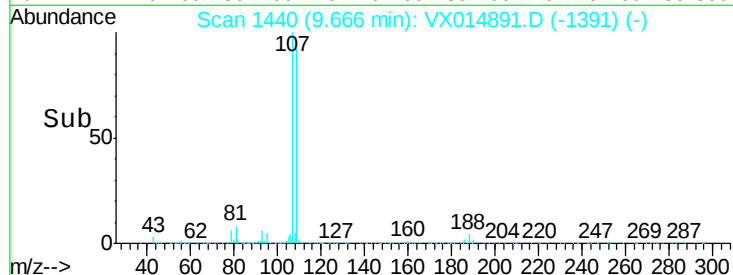
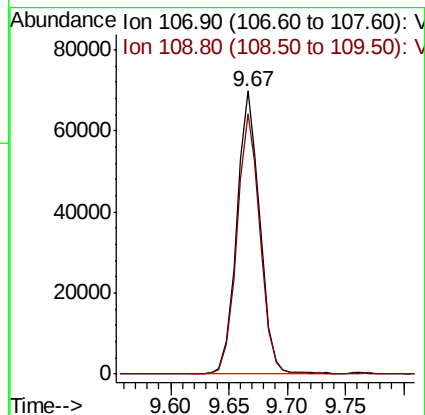
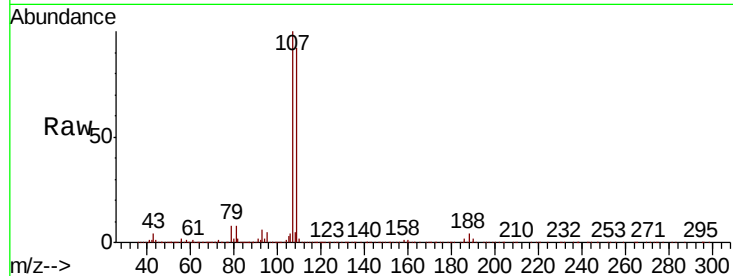
Ion Ratio Lower Upper

107 100

109 93.6 75.6 113.4

Manual Integrations  
APPROVED

MMDadoda  
2/11/2020 10:35:26 AM



#62

4-Bromofluorobenzene

Concen: 51.318 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

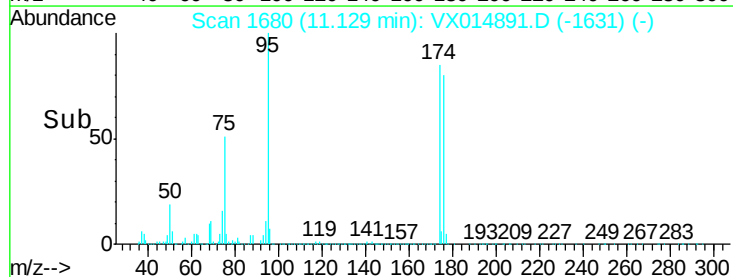
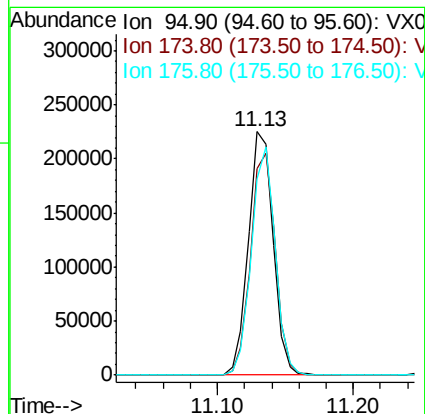
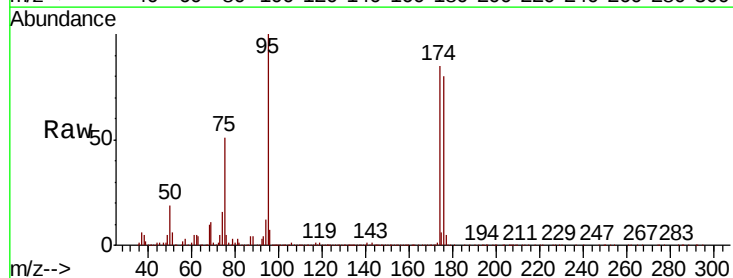
Tgt Ion: 95 Resp: 288799

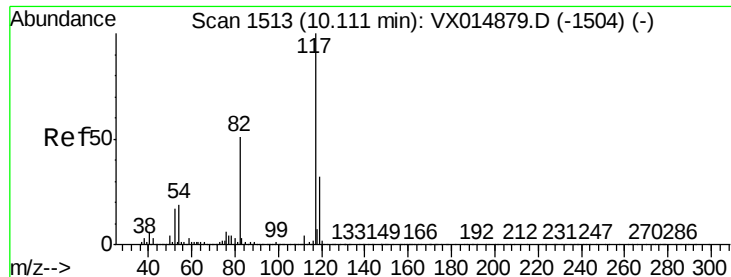
Ion Ratio Lower Upper

95 100

174 91.3 0.0 183.0

176 90.3 0.0 178.0





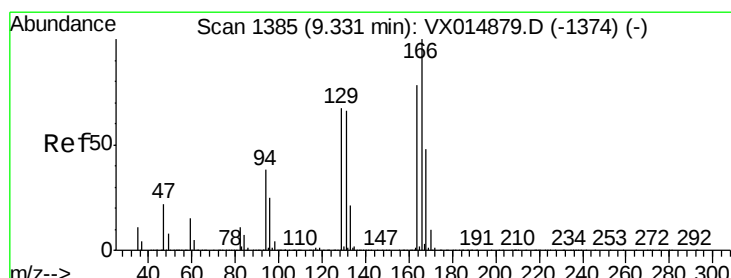
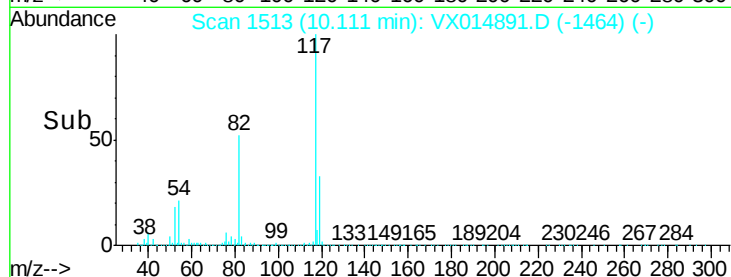
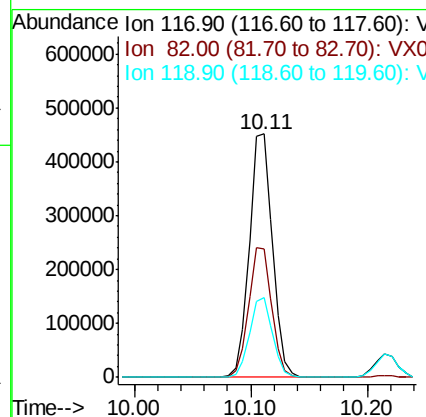
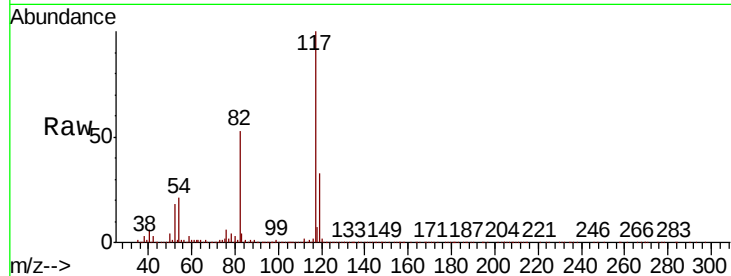
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.5  | 40.5  | 60.7  |
| 119     | 32.9  | 25.8  | 38.6  |

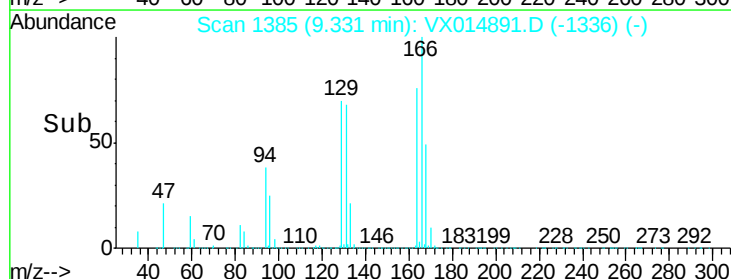
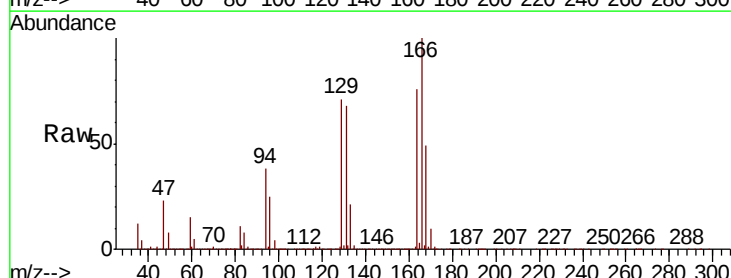
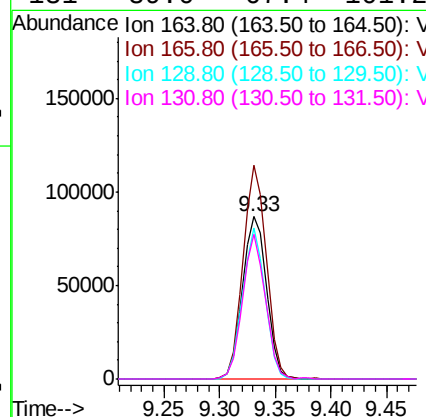
Manual Integrations  
APPROVED

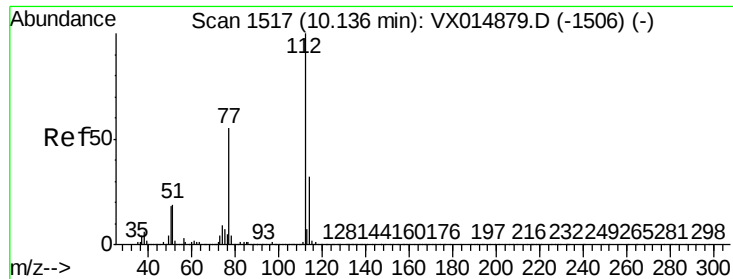
MMDadoda  
2/11/2020 10:35:26 AM



#64  
Tetrachloroethene  
Concen: 22.191 ug/l  
RT: 9.33 min Scan# 1385  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.8 | 102.6 | 153.8 |
| 129     | 92.9  | 68.3  | 102.5 |
| 131     | 89.0  | 67.4  | 101.2 |





#65

Chlorobenzene

Concen: 18.846 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0210WBSD01

Tot Ion:112 Resp: 239568

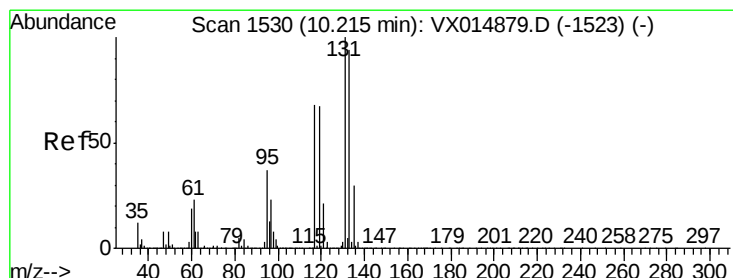
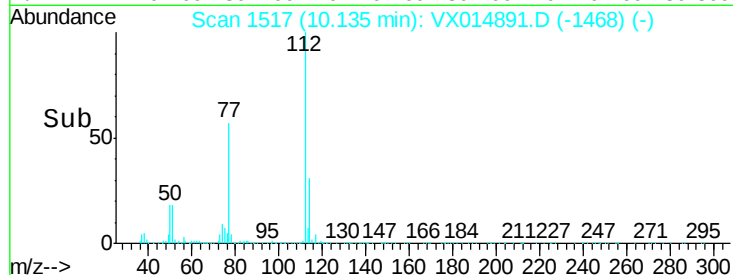
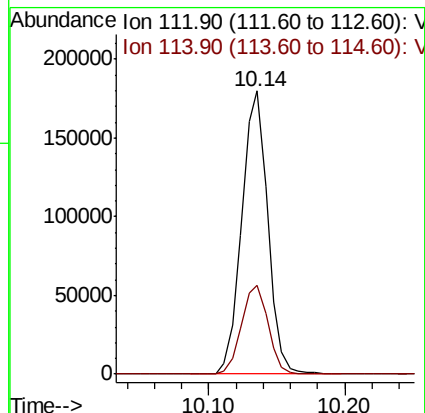
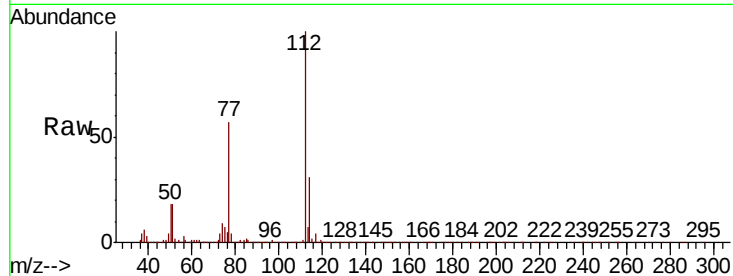
Ion Ratio Lower Upper

112 100

114 31.5 25.6 38.4

Manual Integrations  
APPROVED

MMDadoda  
2/11/2020 10:35:26 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.252 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

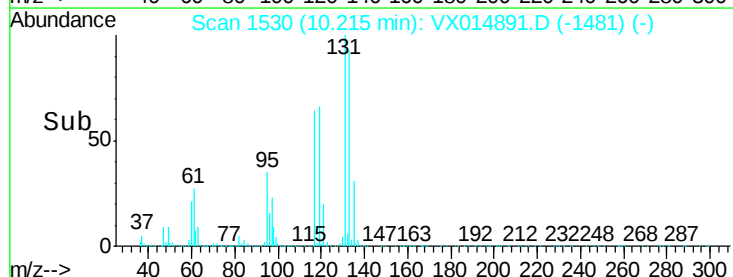
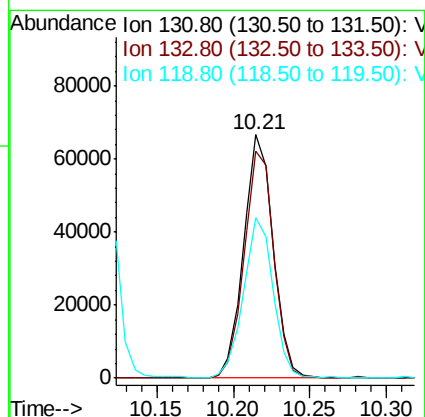
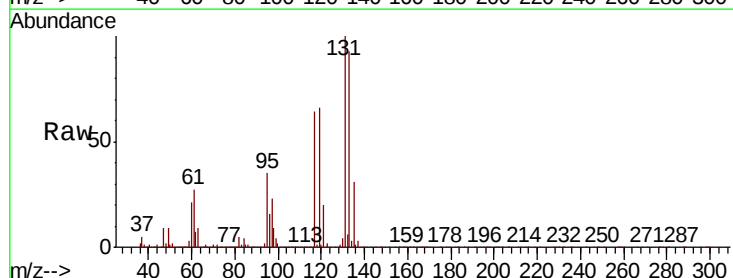
Tgt Ion:131 Resp: 88846

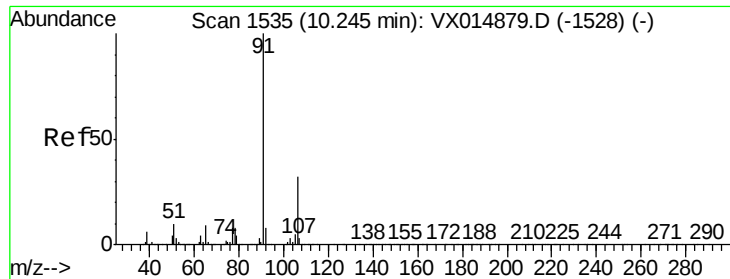
Ion Ratio Lower Upper

131 100

133 94.5 48.1 144.4

119 65.6 33.0 99.0





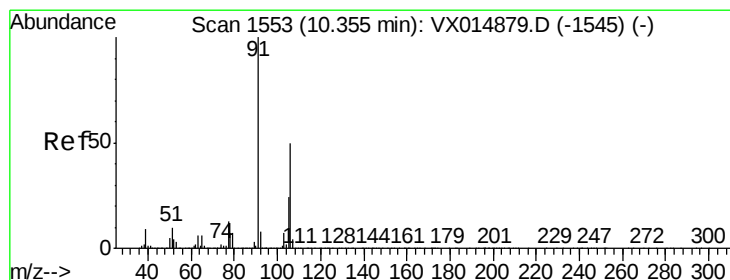
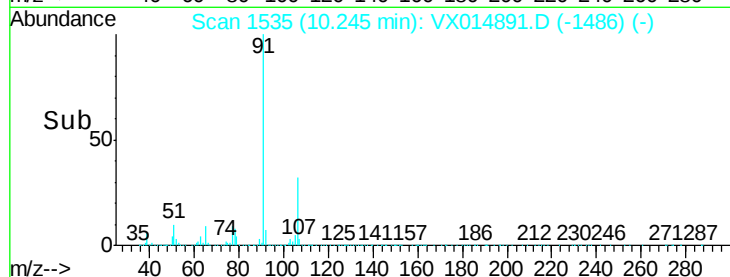
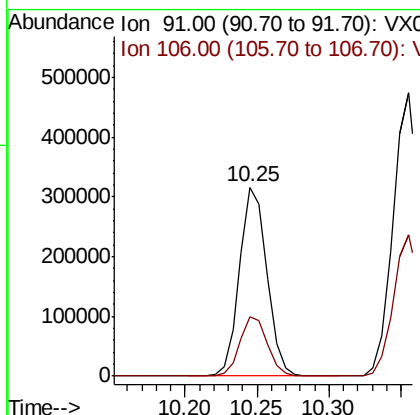
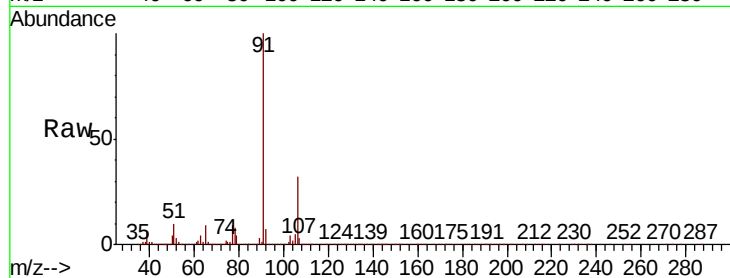
#67  
Ethyl Benzene  
Concen: 19.300 ug/l  
RT: 10.25 min Scan# 1535  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

Tot Ion: 91 Resp: 417248  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.3 37.9

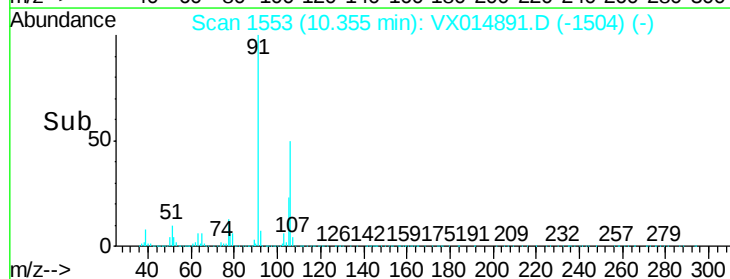
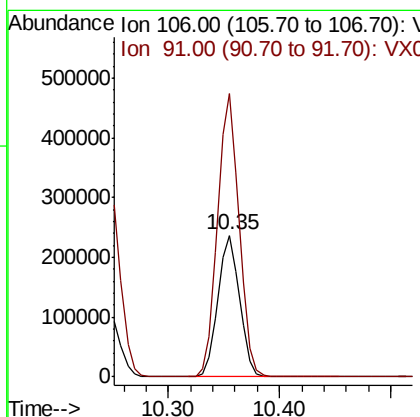
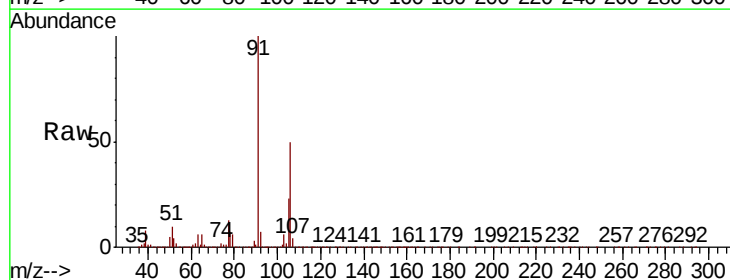
Manual Integrations  
APPROVED

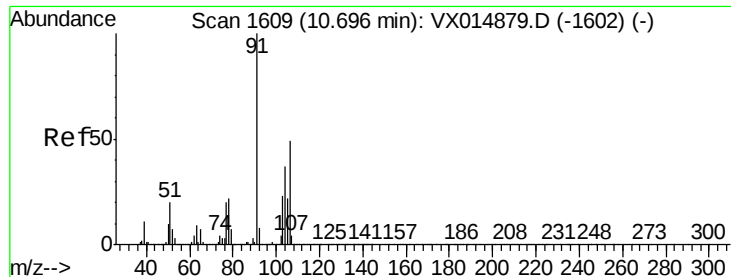
MMDadoda  
2/11/2020 10:35:26 AM



#68  
m/p-Xylenes  
Concen: 38.305 ug/l  
RT: 10.35 min Scan# 1553  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Tgt Ion: 106 Resp: 319011  
Ion Ratio Lower Upper  
106 100  
91 198.6 160.6 240.8





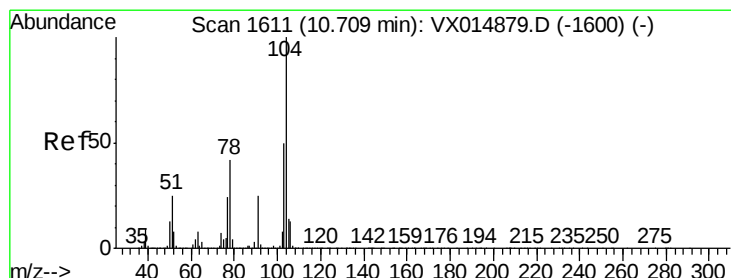
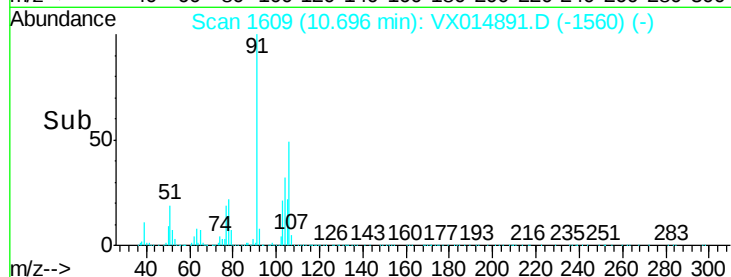
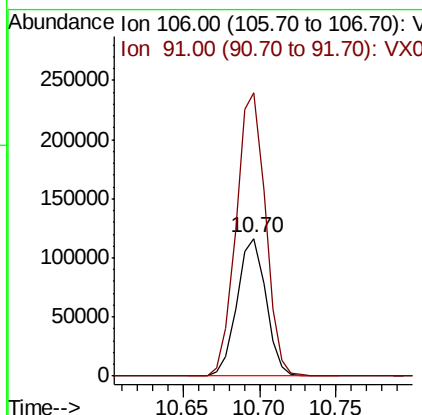
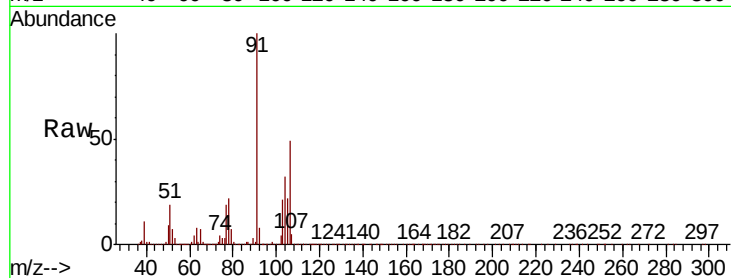
#69  
o-Xylene  
Concen: 19.058 ug/l  
RT: 10.70 min Scan# 1609  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleID :  
VX0210WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 106     | 100   | 152572 |       |       |
| 91      | 207.8 | 105.1  | 315.3 |       |

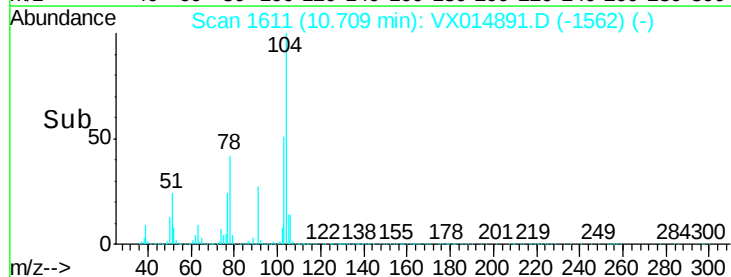
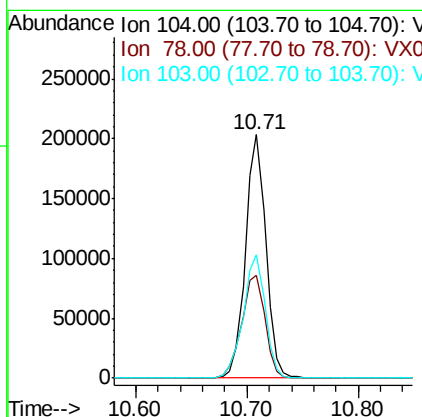
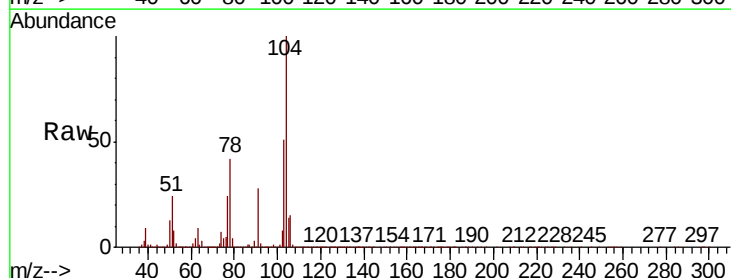
Manual Integrations  
APPROVED

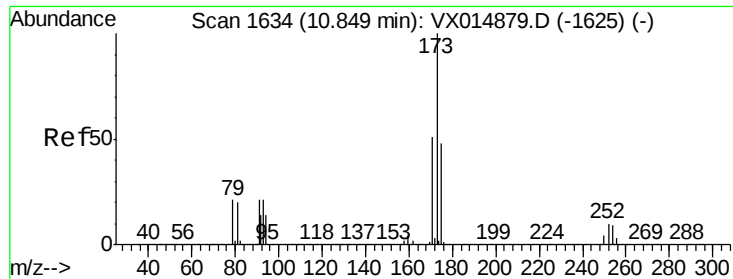
MMDadoda  
2/11/2020 10:35:26 AM



#70  
Styrene  
Concen: 19.041 ug/l  
RT: 10.71 min Scan# 1611  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 104     | 100   | 257878 |       |       |
| 78      | 48.8  | 39.0   | 58.4  |       |
| 103     | 55.2  | 43.4   | 65.0  |       |





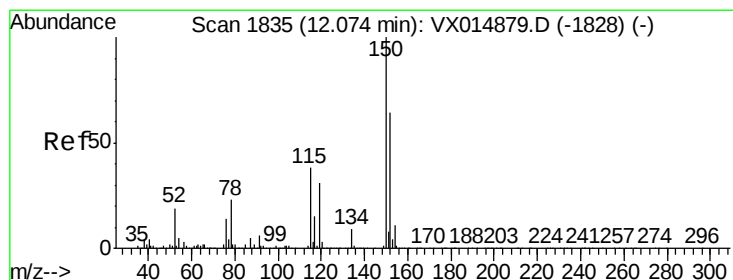
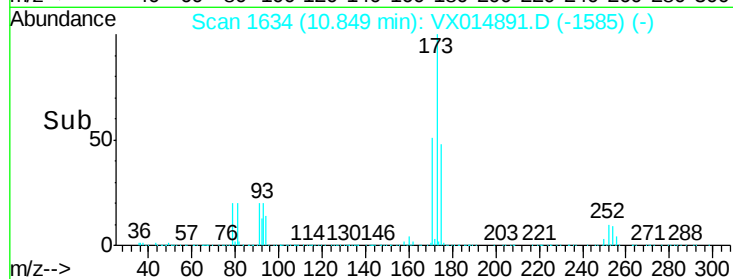
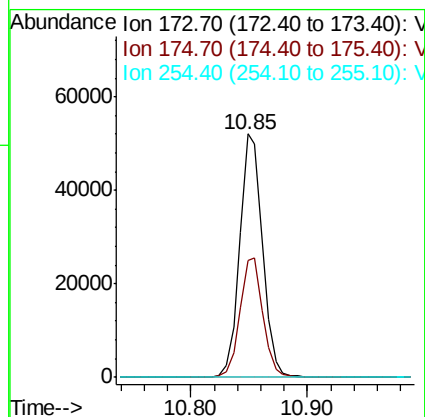
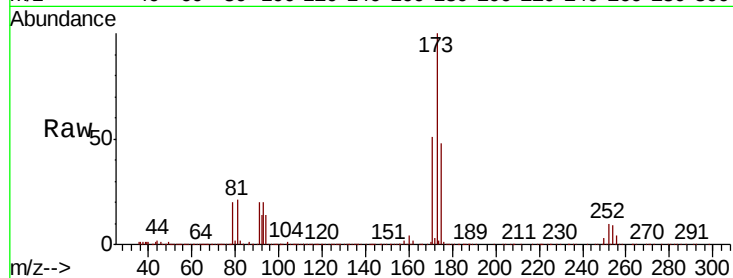
#71  
Bromoform  
Concen: 18.476 ug/l  
RT: 10.85 min Scan# 1634  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.6  | 24.2  | 72.6  |
| 254     | 0.3   | 0.2   | 0.2#  |

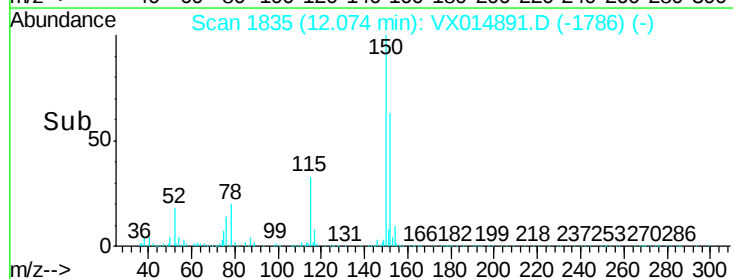
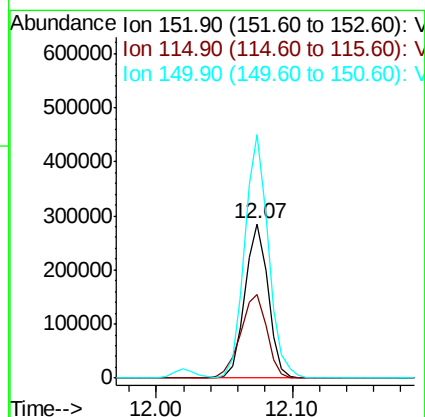
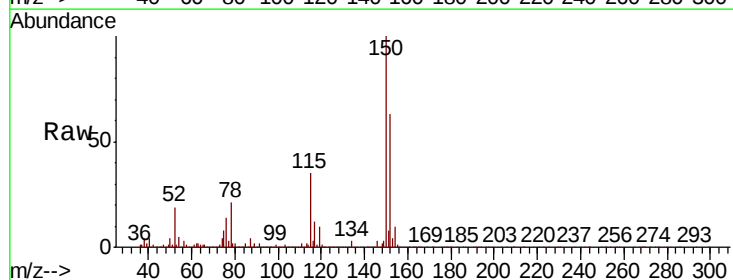
Manual Integrations  
APPROVED

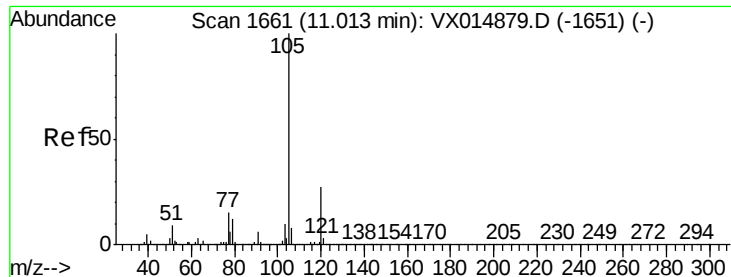
MMDadoda  
2/11/2020 10:35:26 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 62.0  | 38.6  | 116.0 |
| 150     | 162.3 | 0.0   | 349.0 |





#73

Isopropylbenzene

Concen: 19.201 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

ClientSampleId :

VX0210WBSD01

Tot Ion: 105 Resp: 407098

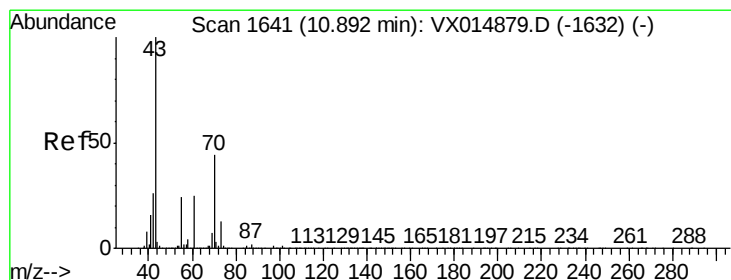
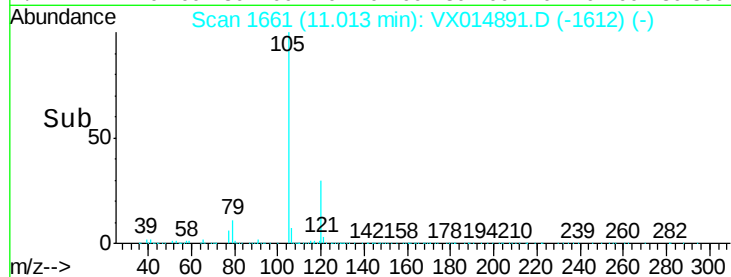
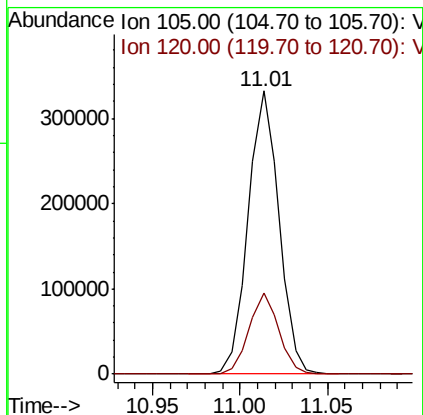
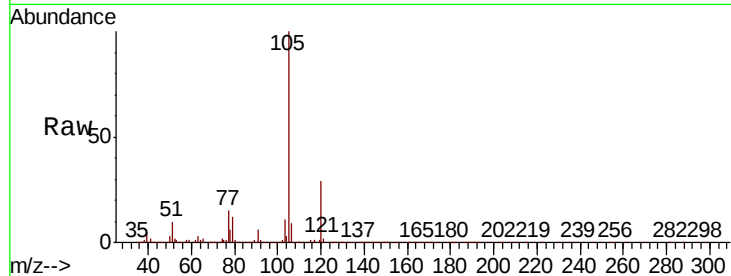
Ion Ratio Lower Upper

105 100

120 27.7 13.6 40.8

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2/11/2020 10:35:26 AM



#74

N-ethyl acetate

Concen: 18.868 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Tgt Ion: 43 Resp: 166219

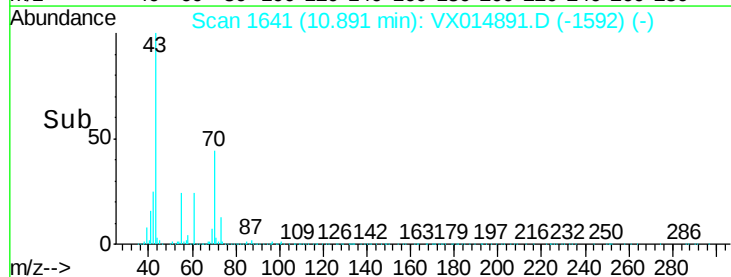
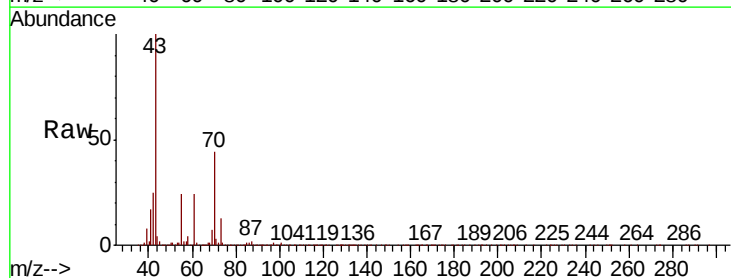
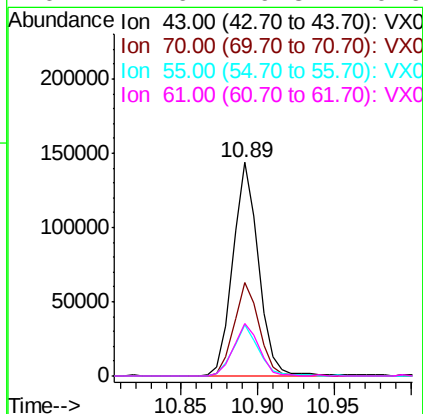
Ion Ratio Lower Upper

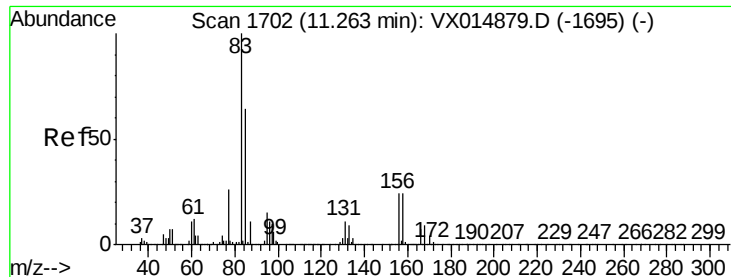
43 100

70 43.5 35.0 52.4

55 23.5 19.4 29.2

61 24.6 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.590 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

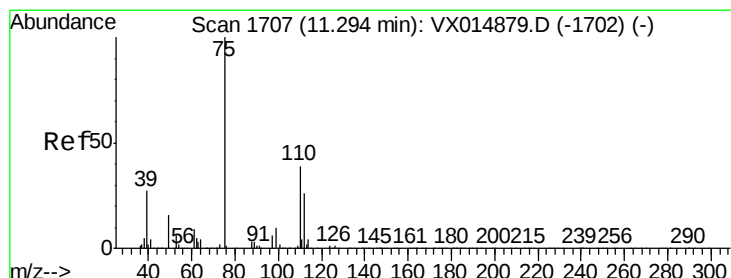
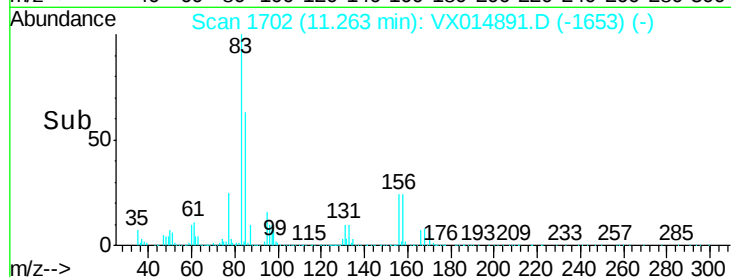
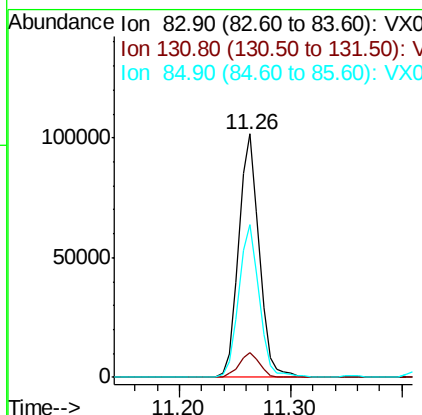
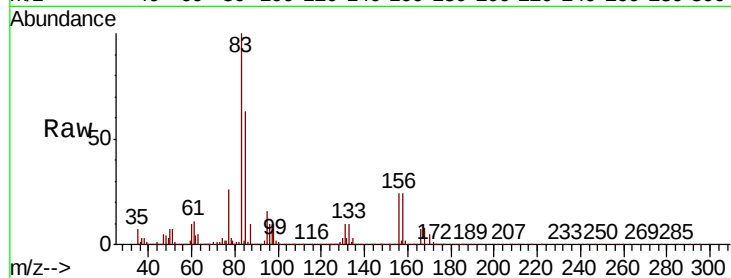
ClientSampled :

VX0210WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 128845 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.7  | 5.3   | 16.1   |
| 85        | 62.8  | 32.6  | 97.7   |

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#76

1,2,3-Trichloropropane

Concen: 20.847 ug/l m

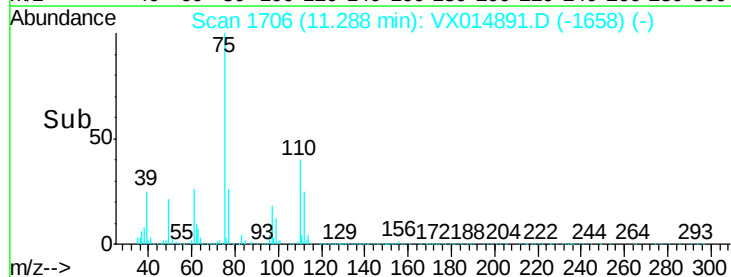
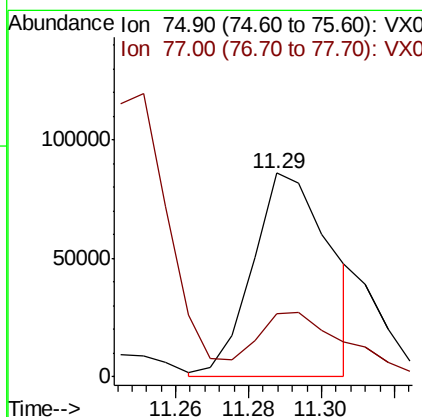
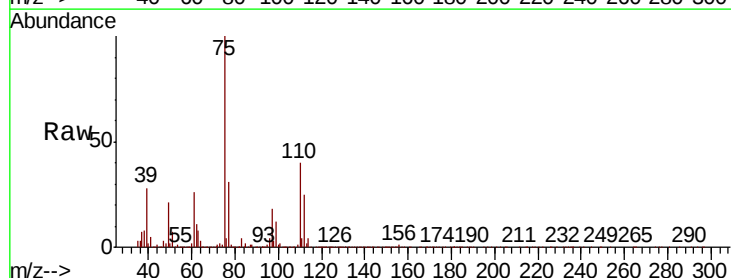
RT: 11.29 min Scan# 1706

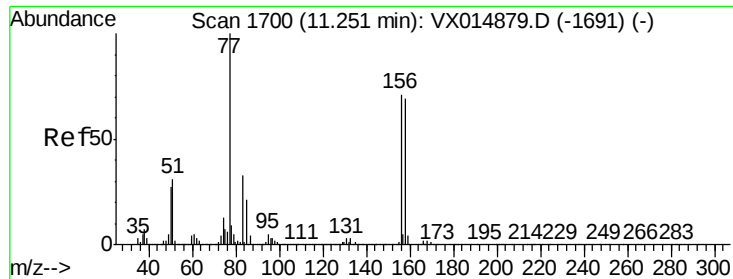
Delta R.T. -0.01 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 127455 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 35.8  | 18.4  | 55.0   |





#77

Bromobenzene

Concen: 18.739 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

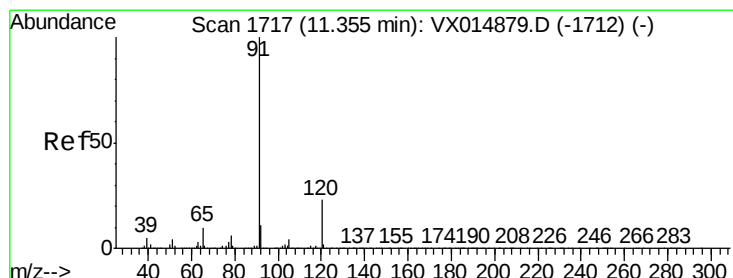
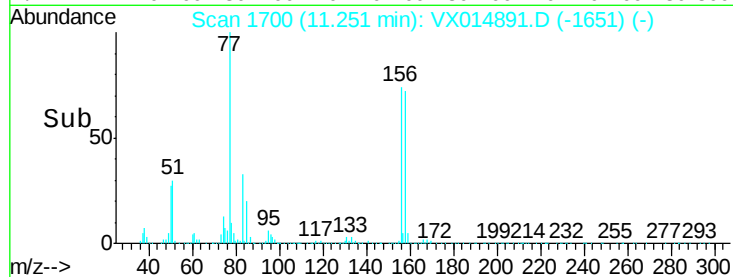
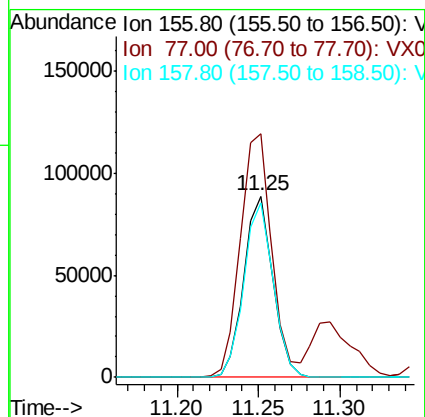
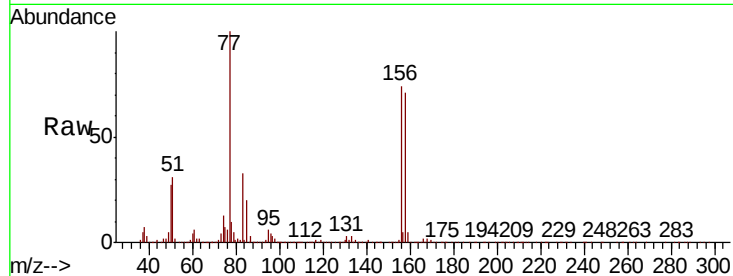
ClientSampleId :

VX0210WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 110895 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 145.5 | 74.0  | 222.0  |
| 158       | 97.8  | 48.9  | 146.6  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 19.082 ug/l

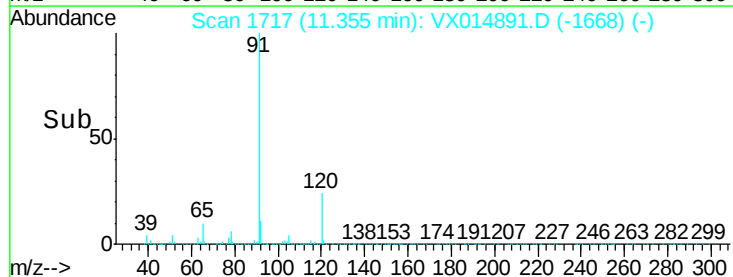
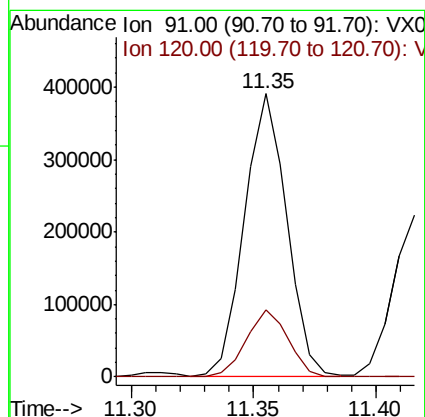
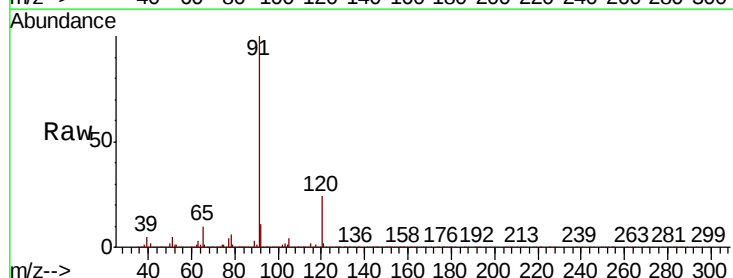
RT: 11.35 min Scan# 1717

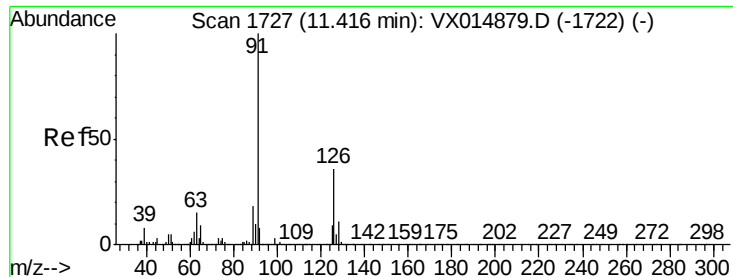
Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 467925 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.6  | 11.8  | 35.4   |





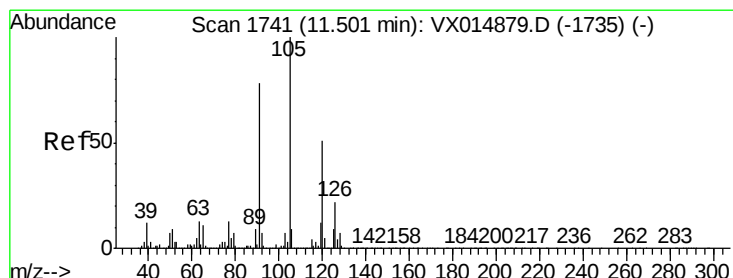
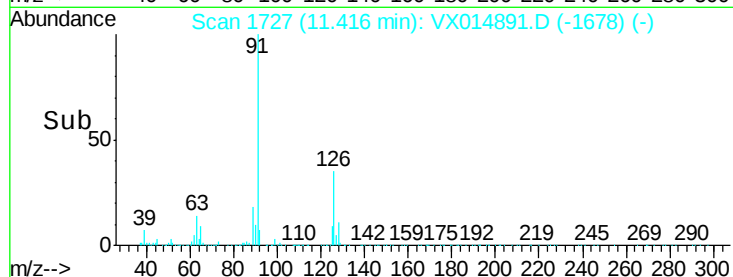
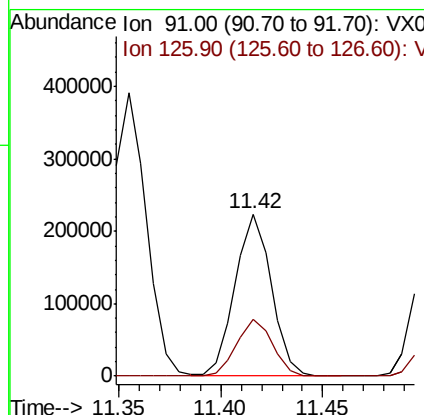
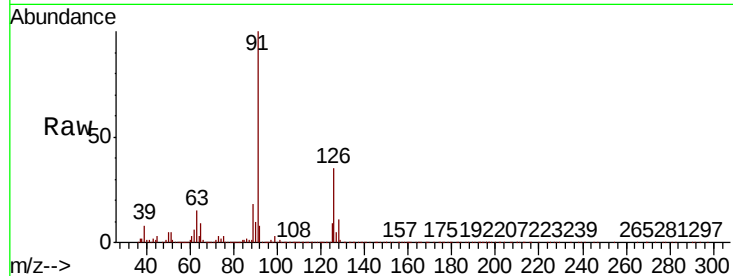
#79  
2-Chlorotoluene  
Concen: 19.002 ug/l  
RT: 11.42 min Scan# 1727  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

Tot Ion: 91 Resp: 273943  
Ion Ratio Lower Upper  
91 100  
126 35.0 18.0 54.0

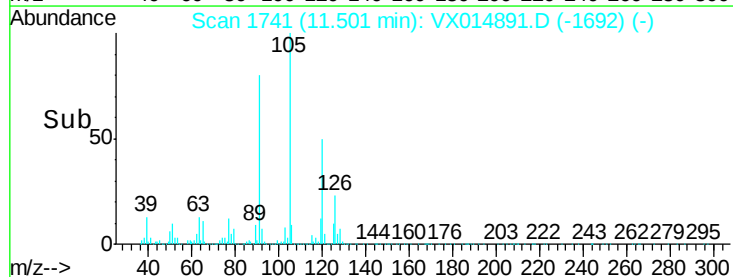
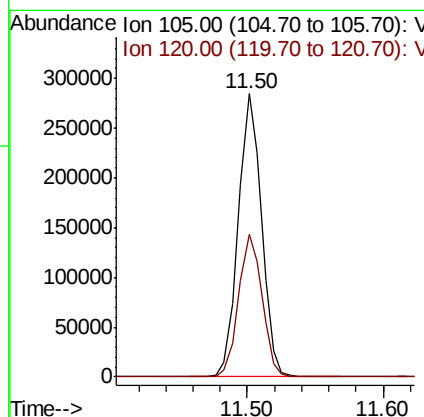
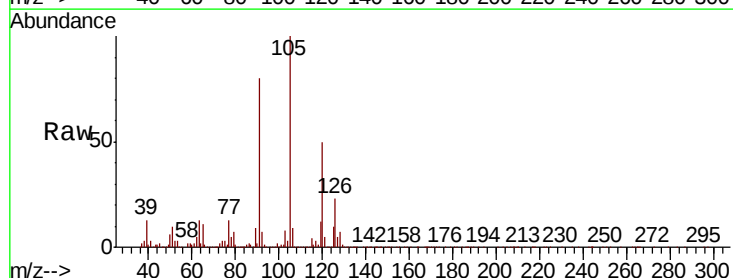
Manual Integrations  
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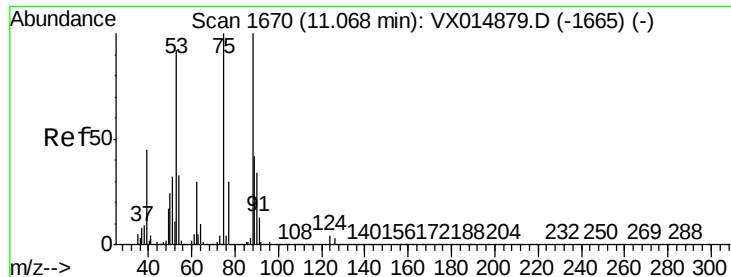
MMDadoda  
2/11/2020 10:35:26 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 19.048 ug/l  
RT: 11.50 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Tgt Ion: 105 Resp: 337453  
Ion Ratio Lower Upper  
105 100  
120 51.0 25.6 76.6





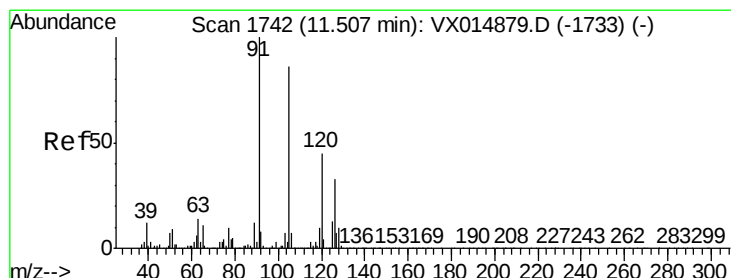
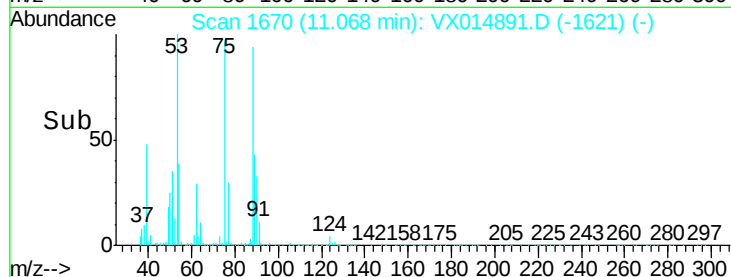
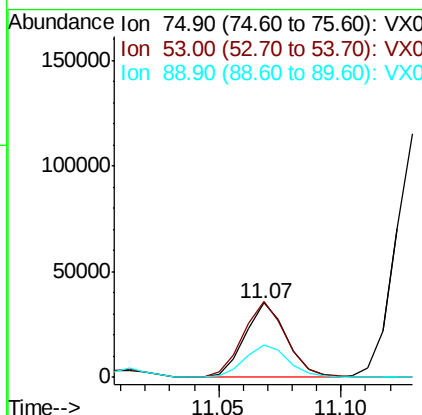
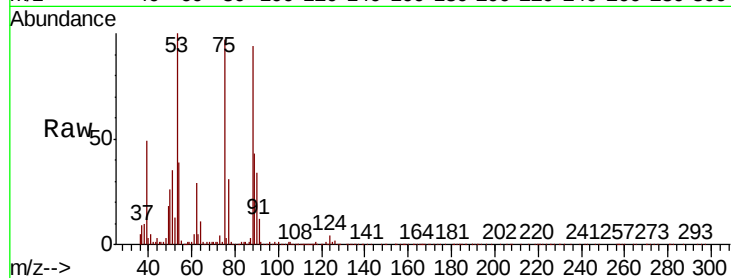
#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.225 ug/l  
RT: 11.07 min Scan# 1670  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 105.0 | 76.2  | 114.2 |
| 89      | 46.7  | 35.8  | 53.6  |

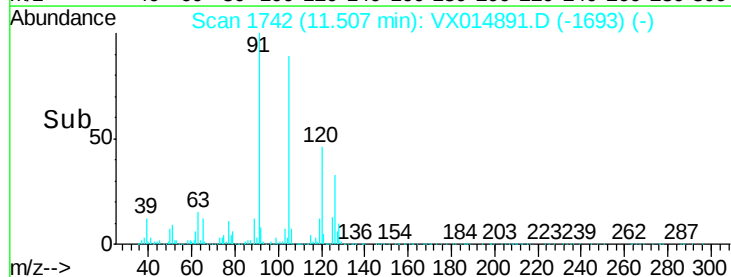
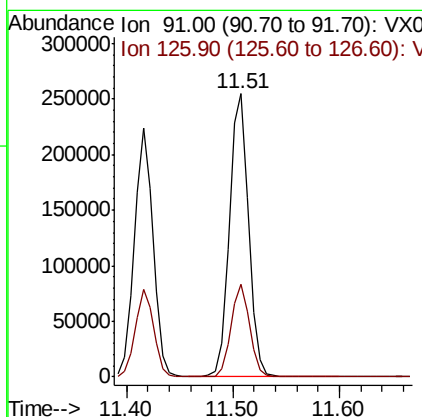
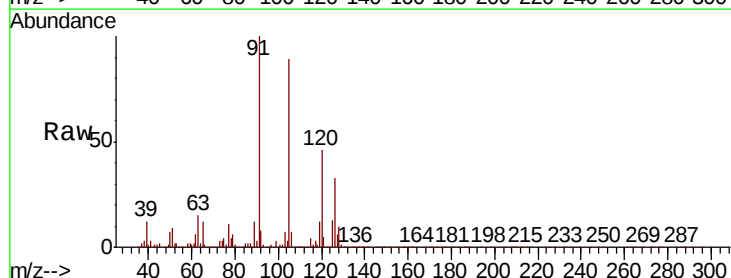
Manual Integrations  
APPROVED

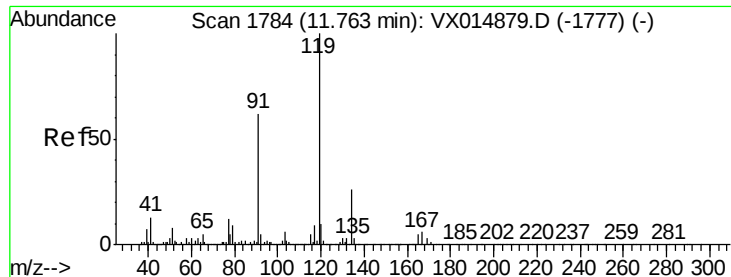
MMDadoda  
2/11/2020 10:35:26 AM



#82  
4-Chlorotoluene  
Concen: 18.743 ug/l  
RT: 11.51 min Scan# 1742  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.7  | 15.7  | 47.0  |





#83

tert-Butylbenzene

Concen: 18.172 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

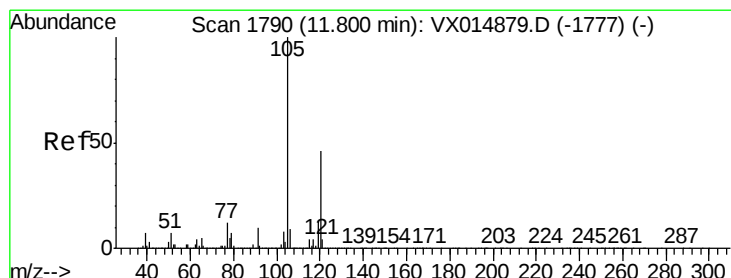
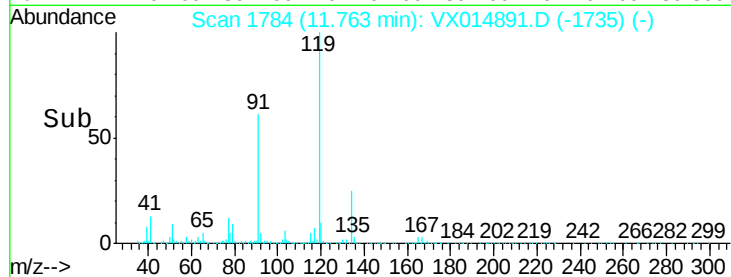
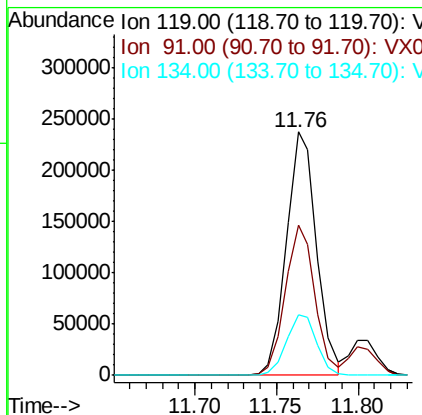
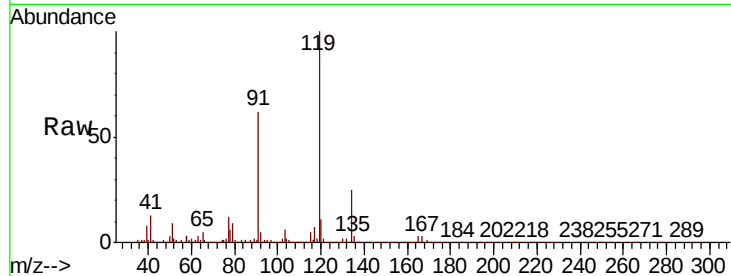
ClientSampleId :

VX0210WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 304854 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 60.5  | 29.5  | 88.6   |
| 134       | 25.1  | 12.6  | 37.6   |

Manual Integrations  
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MMDadoda  
2/11/2020 10:35:26 AM



#84

1,2,4-Trimethylbenzene

Concen: 19.351 ug/l

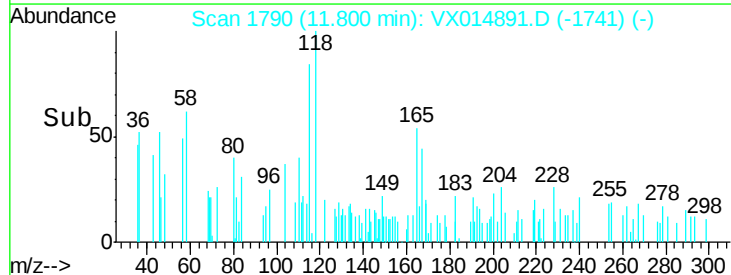
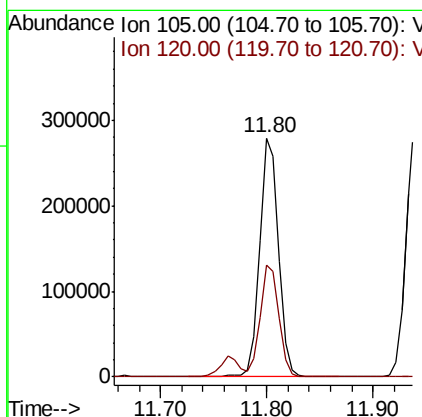
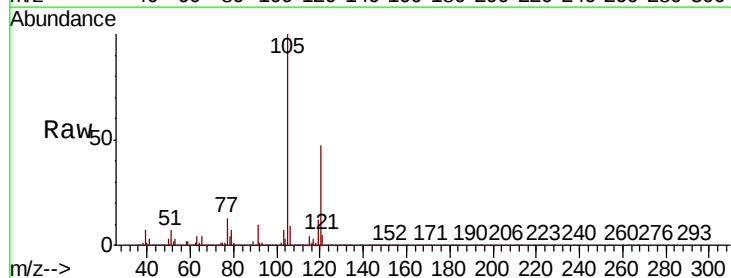
RT: 11.80 min Scan# 1790

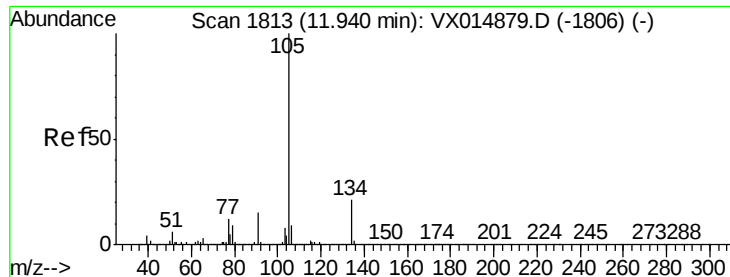
Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 345478 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 46.1  | 23.0  | 69.0   |





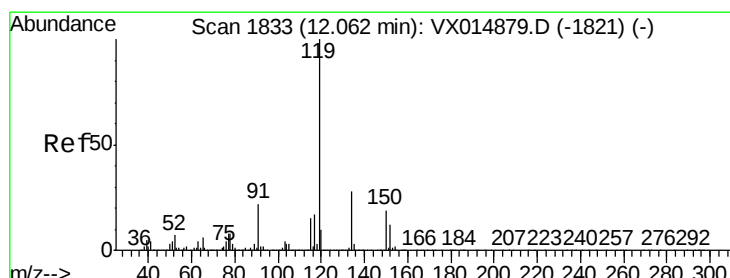
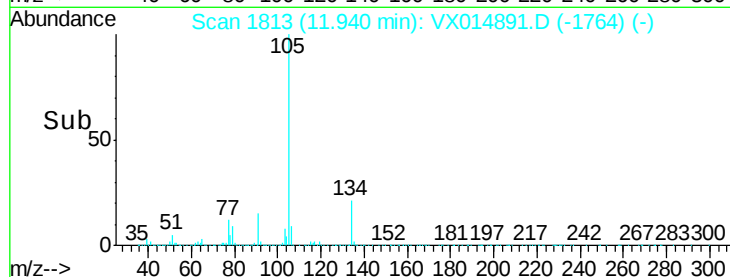
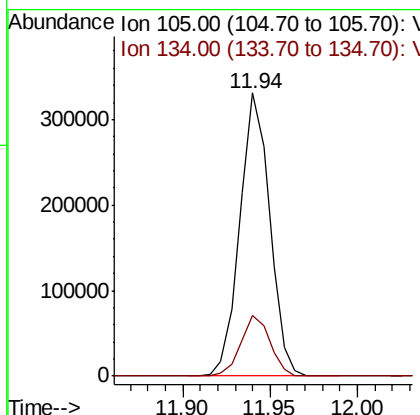
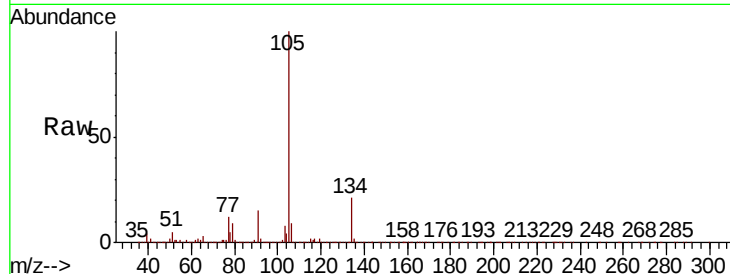
#85  
 sec-Butylbenzene  
 Concen: 18.917 ug/l  
 RT: 11.94 min Scan# 1813  
 Delta R.T. -0.00 min  
 Lab File: VX014891.D  
 Acq: 10 Feb 2020 16:31

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0210WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 21.2  | 10.6  | 31.8  |

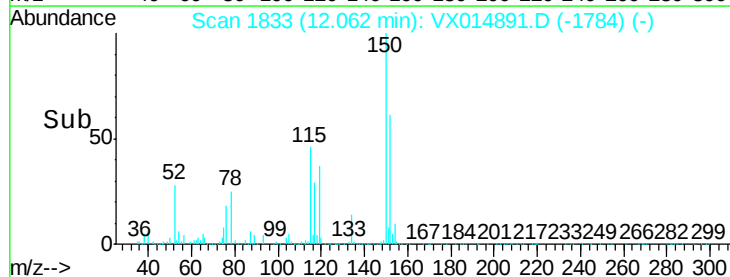
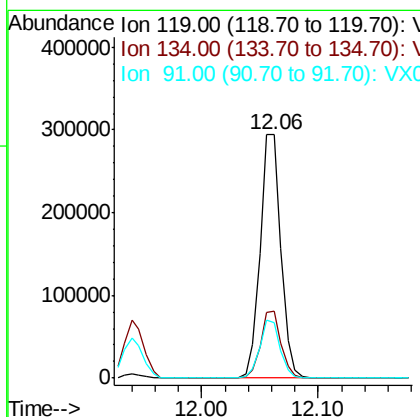
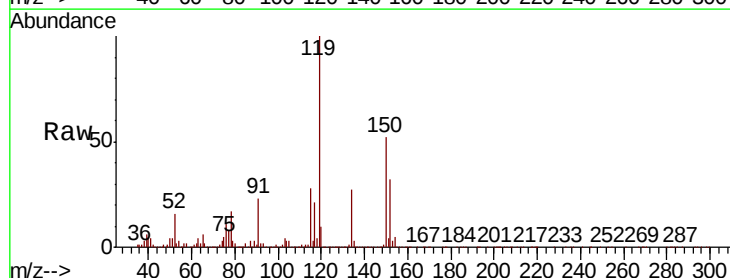
Manual Integrations  
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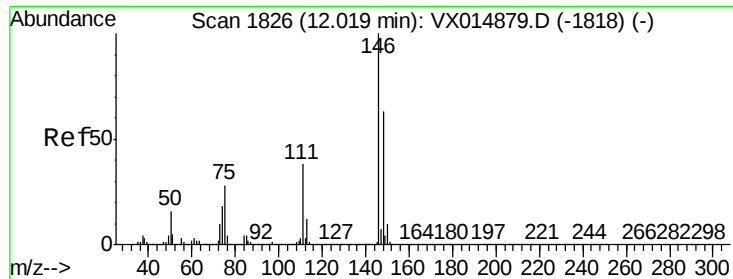
MMDadoda  
 2/11/2020 10:35:26 AM



#86  
 p-Isopropyltoluene  
 Concen: 18.833 ug/l  
 RT: 12.06 min Scan# 1833  
 Delta R.T. -0.00 min  
 Lab File: VX014891.D  
 Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 27.2  | 13.5  | 40.5  |
| 91      | 23.3  | 11.4  | 34.1  |





#87

1,3-Dichlorobenzene

Concen: 18.381 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

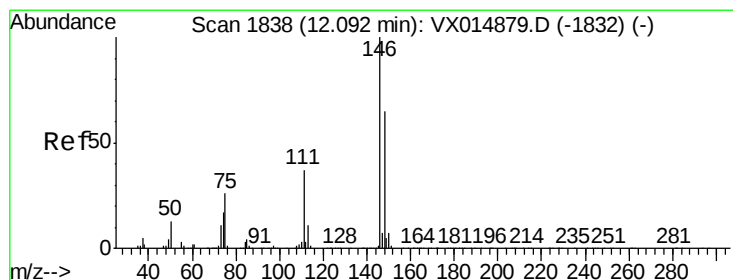
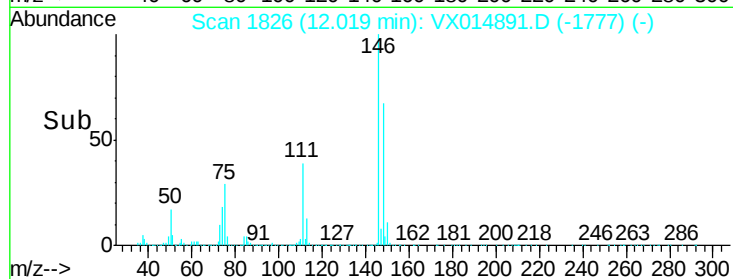
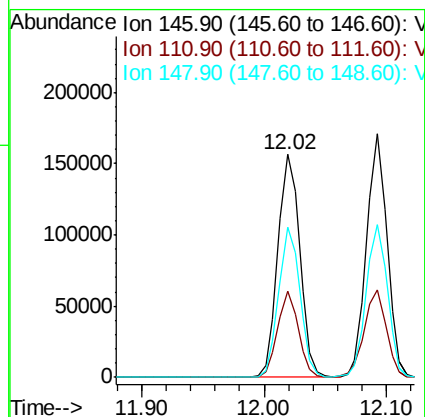
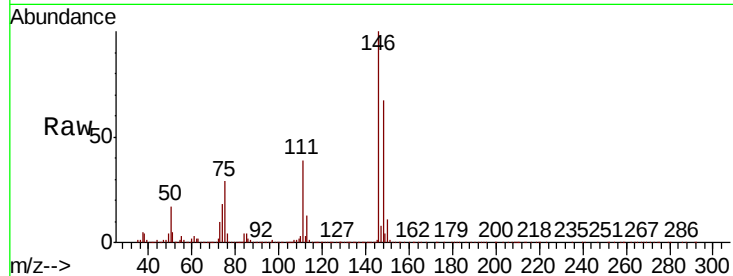
Instrument :  
MSVOA\_X

ClientSampleId :  
VX0210WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.5  | 18.6  | 56.0  |
| 148     | 65.2  | 31.8  | 95.4  |

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#88

1,4-Dichlorobenzene

Concen: 18.237 ug/l

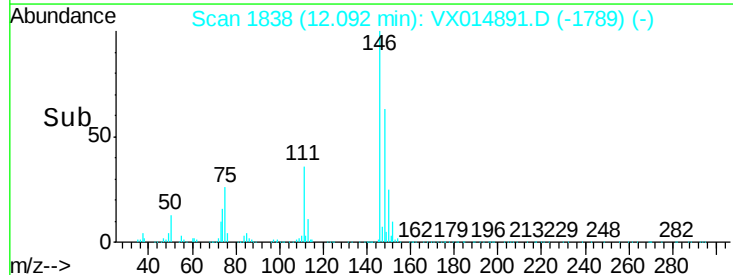
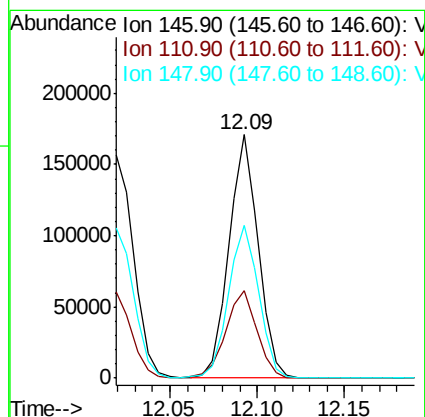
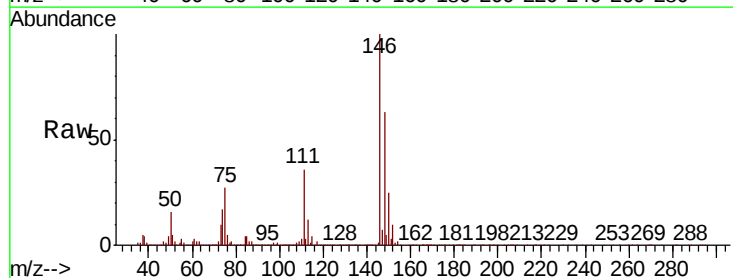
RT: 12.09 min Scan# 1838

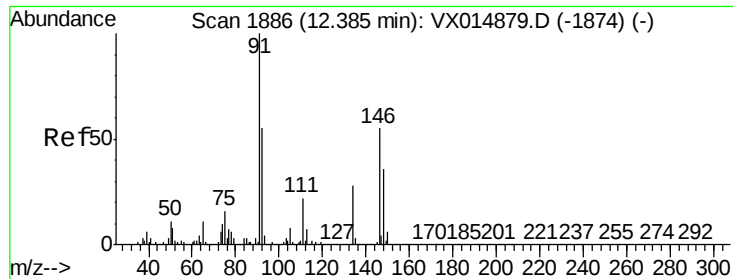
Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.7  | 18.6  | 55.6  |
| 148     | 64.9  | 32.4  | 97.0  |





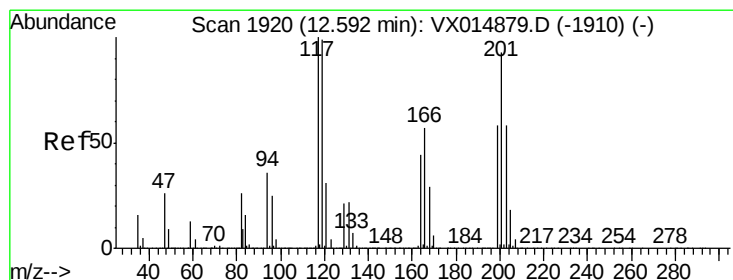
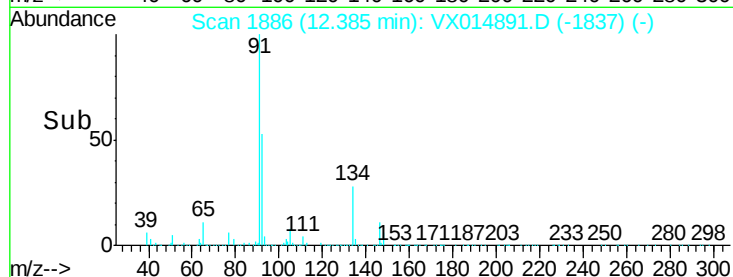
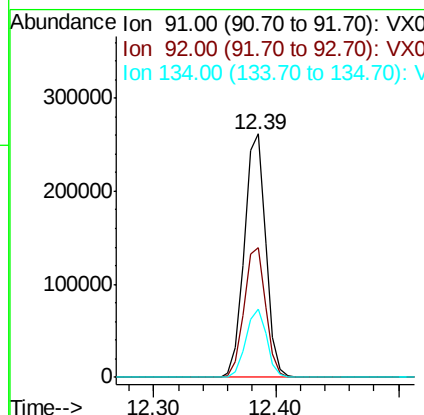
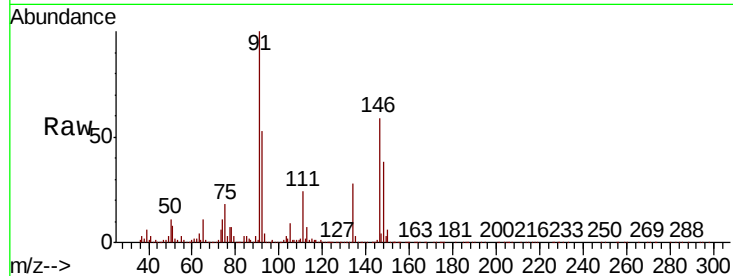
#89  
n-Butylbenzene  
Concen: 18.107 ug/l  
RT: 12.39 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 53.6  | 27.3 | 81.8  |       |
| 134     | 27.2  | 13.8 | 41.4  |       |

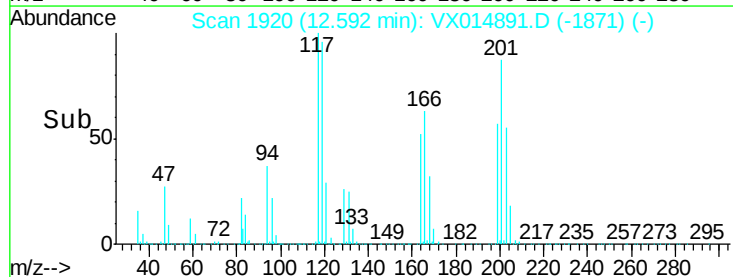
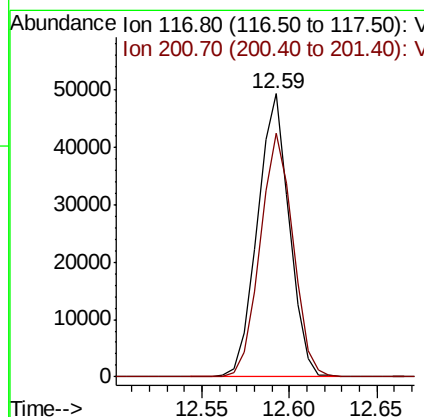
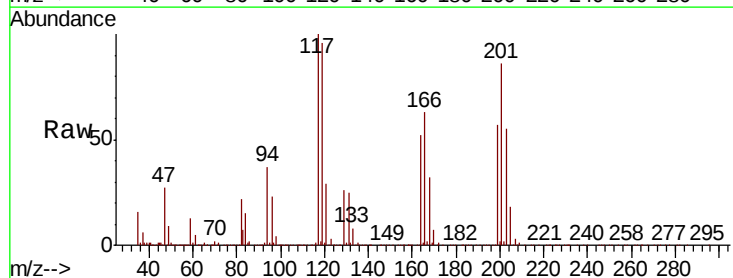
Manual Integrations  
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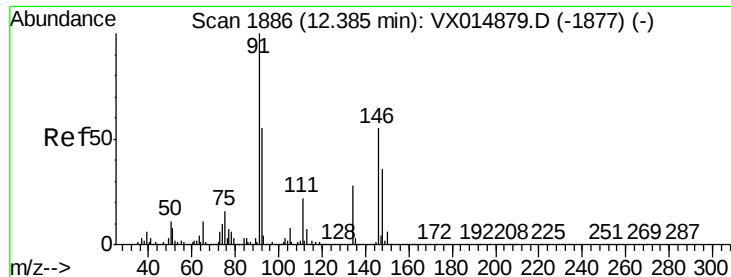
MMDadoda  
2/11/2020 10:35:26 AM



#90  
Hexachloroethane  
Concen: 18.243 ug/l  
RT: 12.59 min Scan# 1920  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 201     | 89.2  | 44.8 | 134.3 |       |





#91

1,2-Dichlorobenzene

Concen: 18.721 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

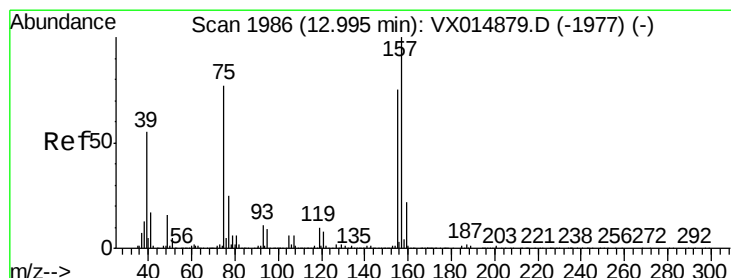
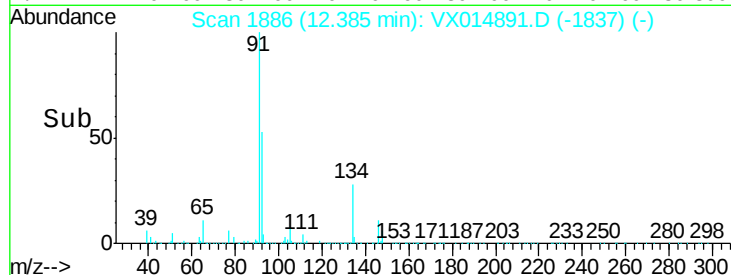
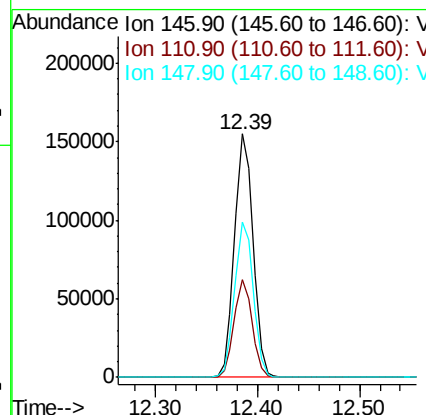
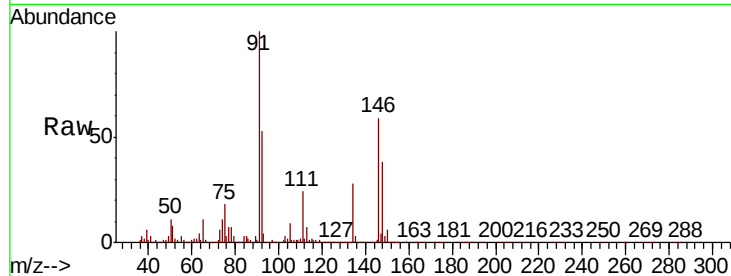
ClientSampleId :

VX0210WBSD01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 146  | Resp: | 194910 |
| Ion Ratio |      | Lower | Upper  |
| 146       | 100  |       |        |
| 111       | 38.9 | 19.8  | 59.3   |
| 148       | 63.5 | 32.4  | 97.2   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.547 ug/l

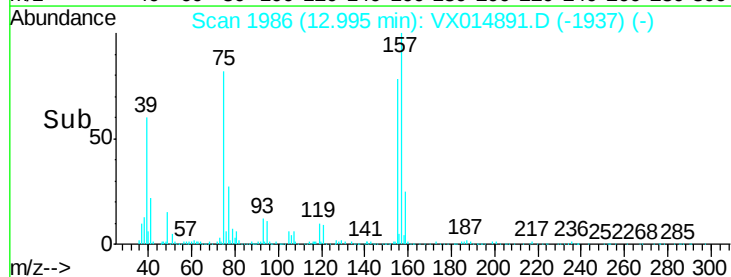
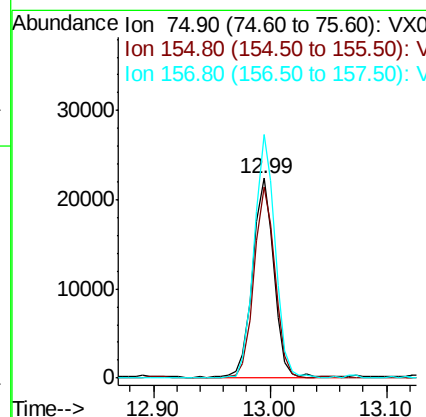
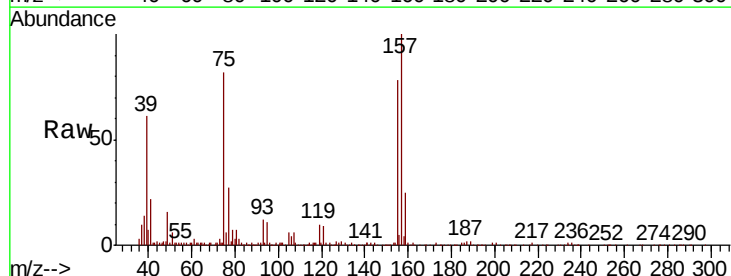
RT: 12.99 min Scan# 1986

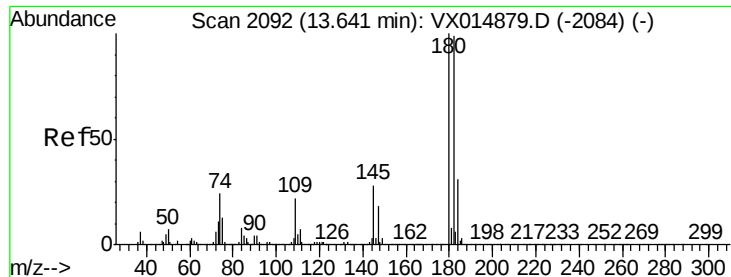
Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 28532 |
| Ion Ratio |       | Lower | Upper |
| 75        | 100   |       |       |
| 155       | 95.6  | 48.6  | 145.9 |
| 157       | 121.2 | 62.0  | 186.0 |





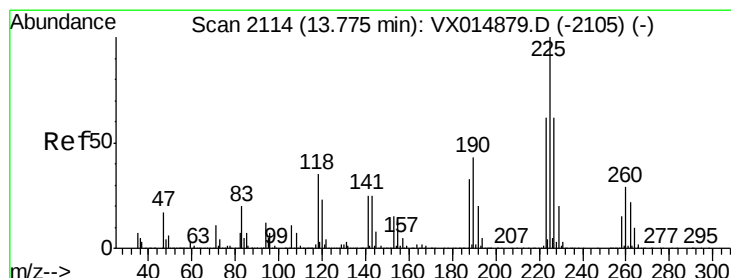
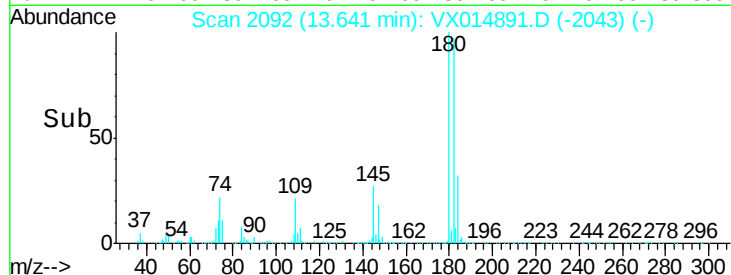
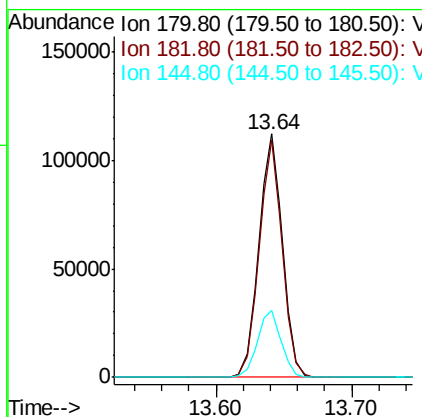
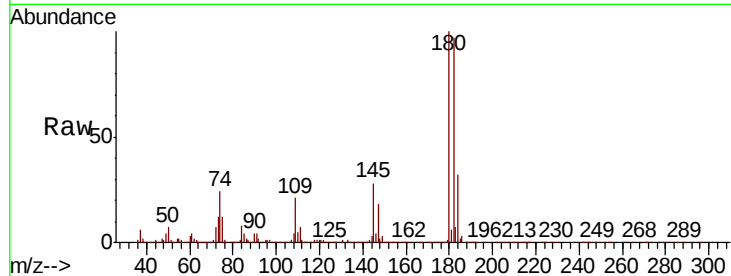
#93  
1,2,4-Trichlorobenzene  
Concen: 17.812 ug/l  
RT: 13.64 min Scan# 2092  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0210WBSD01

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 95.2  | 48.4       | 145.3 |
| 145     | 27.8  | 14.1       | 42.4  |

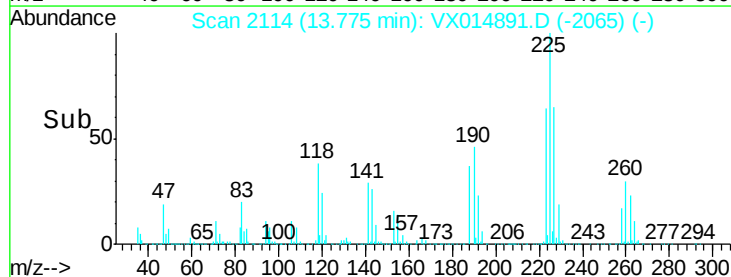
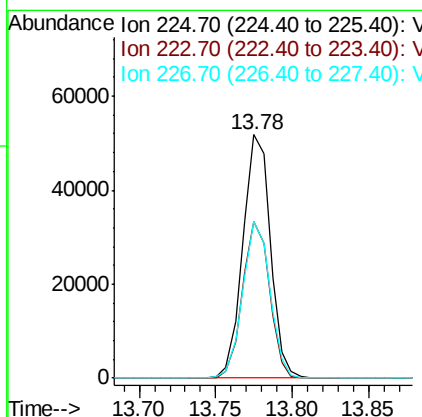
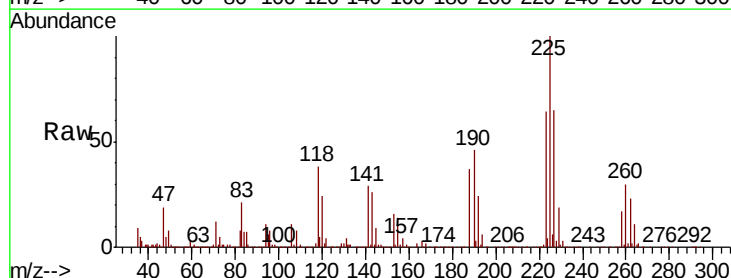
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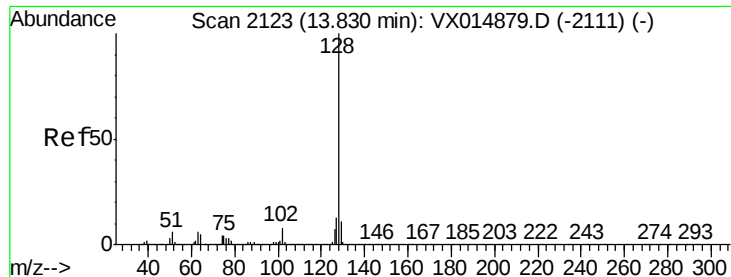
MMDadoda  
2/11/2020 10:35:26 AM



#94  
Hexachlorobutadiene  
Concen: 17.405 ug/l  
RT: 13.78 min Scan# 2114  
Delta R.T. -0.00 min  
Lab File: VX014891.D  
Acq: 10 Feb 2020 16:31

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 225     | 100   |            |       |
| 223     | 63.1  | 31.1       | 93.2  |
| 227     | 63.7  | 30.9       | 92.5  |





#95

Naphthalene

Concen: 19.166 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

Instrument :

MSVOA\_X

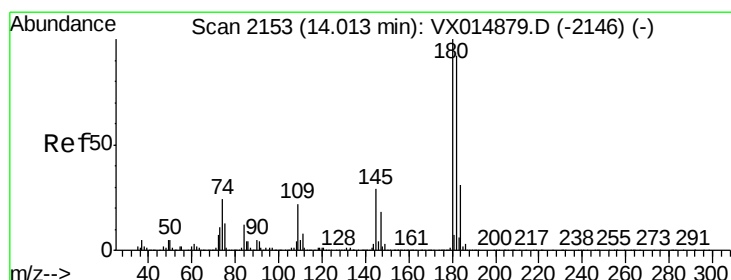
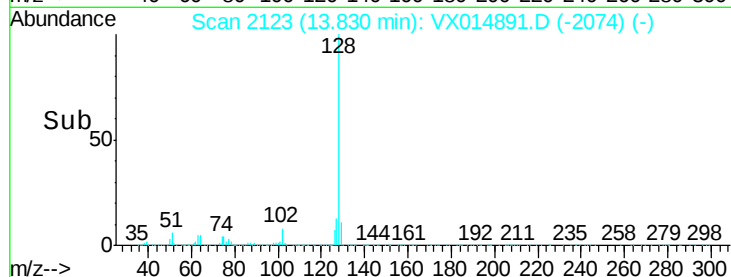
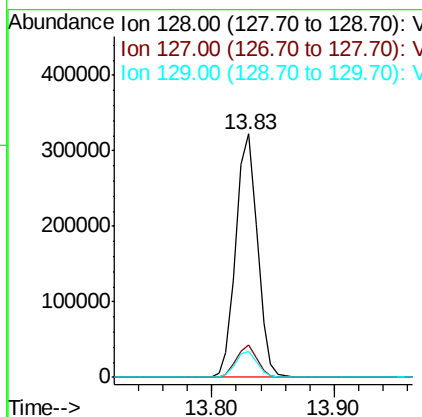
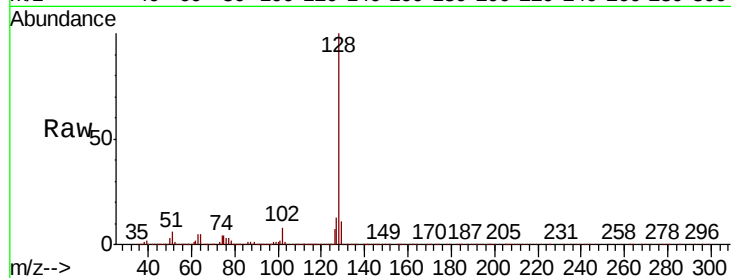
ClientSampleId :

VX0210WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 391604 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.9  | 10.4  | 15.6   |
| 129       | 10.7  | 8.6   | 13.0   |

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#96

1,2,3-Trichlorobenzene

Concen: 18.695 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX014891.D

Acq: 10 Feb 2020 16:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 138799 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.7  | 47.5  | 142.6  |
| 145       | 28.5  | 14.5  | 43.5   |

