

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\  
 Data File : VX007829.D  
 Acq On : 05 Mar 2019 11:41  
 Operator : JC/SP  
 Sample : VX0305WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0305WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 3/6/2019 9:49:33 AM

Quant Time: Mar 05 14:14:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 26 01:53:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 317048   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 445112   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 400251   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 205718   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 166303   | 42.35 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 84.70% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 145403   | 48.87 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.74% |      |
| 50) Toluene-d8            | 8.71   | 98  | 558083   | 48.99 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.98% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 202735   | 48.49 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.98% |      |

## Target Compounds

|                               |      |     |        |         | Qvalue |     |
|-------------------------------|------|-----|--------|---------|--------|-----|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 50761  | 17.380  | ug/l   | 99  |
| 3) Chloromethane              | 1.33 | 50  | 61154  | 18.895  | ug/l   | 99  |
| 4) Vinyl Chloride             | 1.41 | 62  | 62676  | 18.876  | ug/l   | 99  |
| 5) Bromomethane               | 1.64 | 94  | 31668  | 14.022  | ug/l   | 98  |
| 6) Chloroethane               | 1.72 | 64  | 39075  | 18.419  | ug/l   | 99  |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 85177  | 16.733  | ug/l   | 99  |
| 8) Diethyl Ether              | 2.19 | 74  | 37941  | 18.161  | ug/l   | 87  |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 54301  | 17.649  | ug/l   | 100 |
| 10) Methyl Iodide             | 2.51 | 142 | 76229  | 19.898  | ug/l   | 96  |
| 11) Tert butyl alcohol        | 3.07 | 59  | 75565  | 101.412 | ug/l   | 100 |
| 12) 1,1-Dichloroethene        | 2.38 | 96  | 50091  | 18.062  | ug/l   | 94  |
| 13) Acrolein                  | 2.29 | 56  | 69252  | 104.589 | ug/l   | 100 |
| 14) Allyl chloride            | 2.73 | 41  | 107926 | 21.047  | ug/l   | 88  |
| 15) Acrylonitrile             | 3.15 | 53  | 181710 | 103.626 | ug/l   | 100 |
| 16) Acetone                   | 2.45 | 43  | 181630 | 104.000 | ug/l   | 99  |
| 17) Carbon Disulfide          | 2.57 | 76  | 148883 | 19.297  | ug/l   | 98  |
| 18) Methyl Acetate            | 2.78 | 43  | 86952  | 22.817  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 183973 | 19.050  | ug/l   | 97  |
| 20) Methylene Chloride        | 2.86 | 84  | 58825  | 18.241  | ug/l   | 92  |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 54199  | 17.977  | ug/l   | 95  |
| 22) Diisopropyl ether         | 3.87 | 45  | 204114 | 19.121  | ug/l   | 98  |
| 23) Vinyl Acetate             | 3.82 | 43  | 891531 | 95.193  | ug/l   | 97  |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 107198 | 18.478  | ug/l   | 99  |
| 25) 2-Butanone                | 4.70 | 43  | 261630 | 98.347  | ug/l   | 95  |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 78040  | 16.852  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 64946  | 16.930  | ug/l   | 94  |
| 28) Bromochloromethane        | 5.02 | 49  | 52216  | 18.488  | ug/l   | 87  |
| 29) Tetrahydrofuran           | 5.15 | 42  | 165215 | 94.216  | ug/l   | 93  |
| 30) Chloroform                | 5.21 | 83  | 104641 | 16.839  | ug/l   | 98  |
| 31) Cyclohexane               | 5.57 | 56  | 97087  | 17.791  | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 87481  | 17.022  | ug/l   | 98  |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 76784  | 19.188  | ug/l   | 97  |
| 37) Ethyl Acetate             | 4.85 | 43  | 92405  | 20.787  | ug/l   | 99  |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 76336  | 18.990  | ug/l   | 98  |

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 Sample : VX0305WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0305WBS01

Manual Integrations  
 APPROVED

MMDadoda  
 3/6/2019 9:49:33 AM

Quant Time: Mar 05 14:14:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 26 01:53:13 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 97543    | 19.286  | ug/l   | 90       |
| 40) Benzene                    | 6.14  | 78   | 240128   | 19.439  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.06  | 41   | 53718    | 22.631  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 78812    | 18.982  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 144010   | 21.050  | ug/l   | 98       |
| 44) Trichloroethene            | 7.21  | 130  | 65368    | 19.236  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 64876    | 20.274  | ug/l   | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 40300    | 18.052  | ug/l   | 96       |
| 47) Bromodichloromethane       | 7.90  | 83   | 77263    | 19.972  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 75574    | 21.074  | ug/l   | 91       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 30576    | 394.754 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 479193   | 104.638 | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 150642   | 19.339  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 83927    | 19.275  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 94036    | 20.030  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 62446    | 19.224  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 94275    | 20.409  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 103007   | 19.810  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 245266   | 96.283  | ug/l   | 97       |
| 59) 2-Hexanone                 | 9.49  | 43   | 367138   | 102.114 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.58  | 129  | 64460    | 20.623  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 64055    | 18.993  | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.34  | 164  | 66979    | 20.613  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.13 | 112  | 168600   | 19.476  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 60635    | 20.080  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 281034   | 19.598  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 216969   | 38.892  | ug/l   | 96       |
| 69) o-Xylene                   | 10.69 | 106  | 104675   | 19.507  | ug/l   | 96       |
| 70) Styrene                    | 10.71 | 104  | 172824   | 19.594  | ug/l   | 100      |
| 71) Bromoform                  | 10.85 | 173  | 51503    | 22.745  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 283743   | 19.298  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 123695   | 19.373  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 92561    | 18.202  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 77515m   | 17.677  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 75160    | 20.381  | ug/l   | 93       |
| 78) n-propylbenzene            | 11.36 | 91   | 318804   | 19.188  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 189979   | 18.990  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 234150   | 19.361  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 26968    | 18.498  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 217471   | 18.583  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 235385   | 20.271  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 240918   | 19.475  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 284781   | 19.571  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 254864   | 20.000  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 134900   | 19.721  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 133532   | 19.061  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 213330   | 18.771  | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 42180    | 19.645  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 134274   | 19.618  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 19311    | 17.428  | ug/l   | 98       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030519\  
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Acq On : 05 Mar 2019 11:41  
Operator : JC/SP  
Sample : VX0305WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

Manual Integrations  
APPROVED

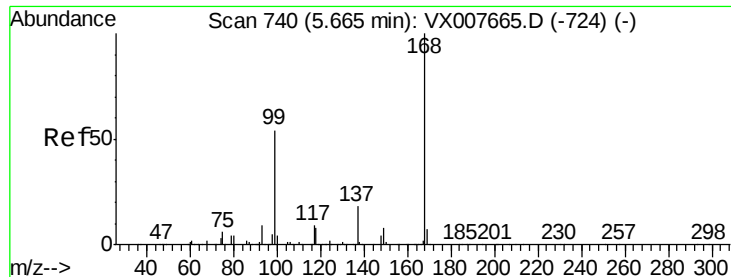
MMDadoda  
3/6/2019 9:49:33 AM

Quant Time: Mar 05 14:14:42 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 26 01:53:13 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 95226    | 22.793 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 52330    | 27.380 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 270377   | 19.975 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 94208    | 22.457 | ug/l  | 99       |

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





#1

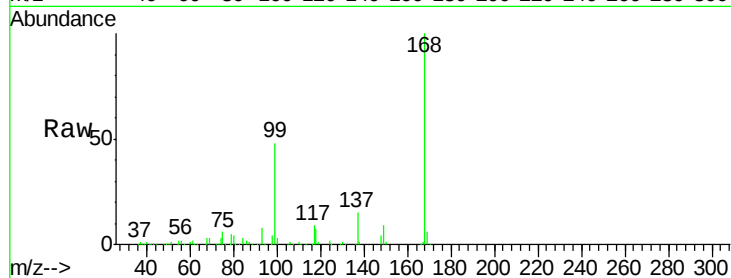
Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. -0.01 min  
 Lab File: VX007829.D  
 Acq: 05 Mar 2019 11:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0305WBS01

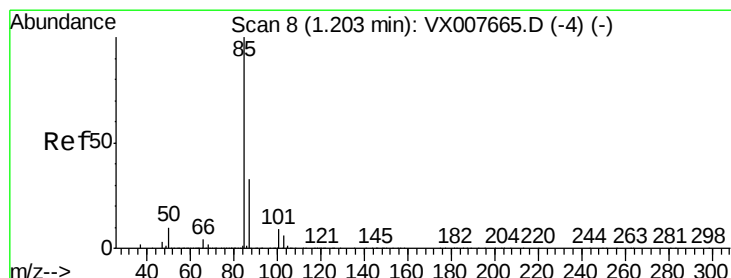
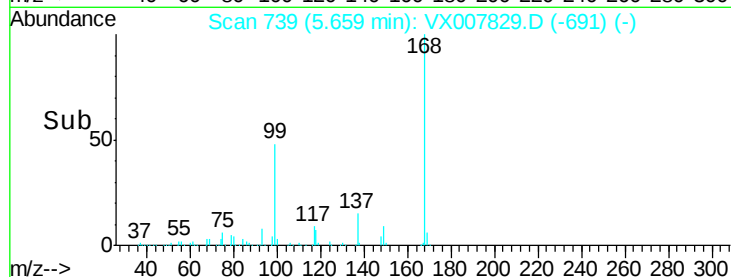
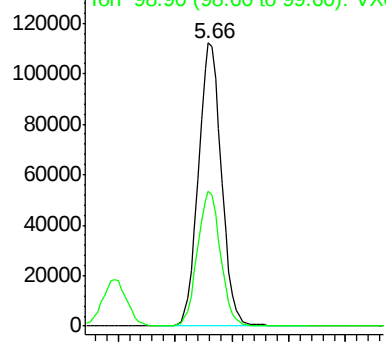
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 99      | 47.6  | 37.9  | 56.9  |

Manual Integrations  
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 3/6/2019 9:49:33 AM



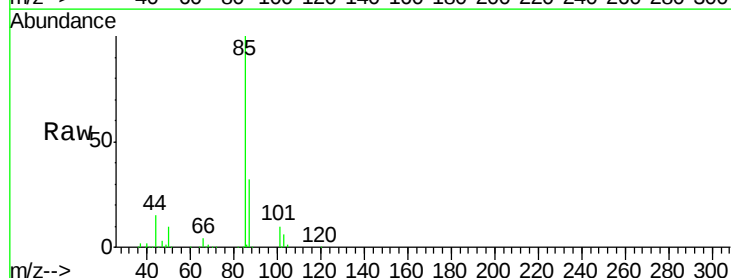
Abundance Ion 167.90 (167.60 to 168.60): V  
 Ion 98.90 (98.60 to 99.60): VX0



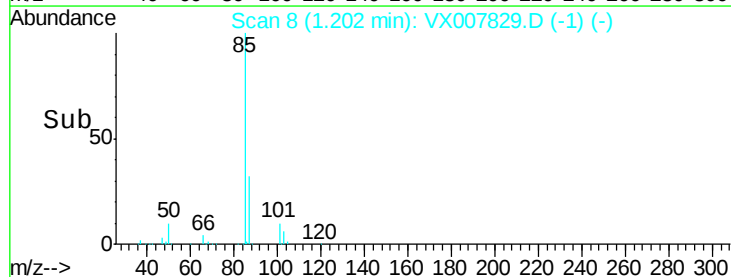
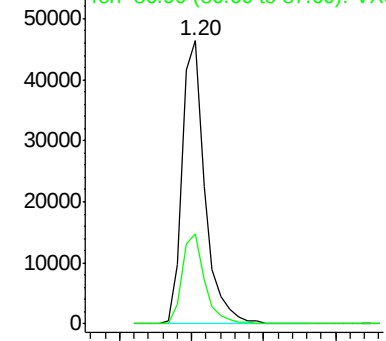
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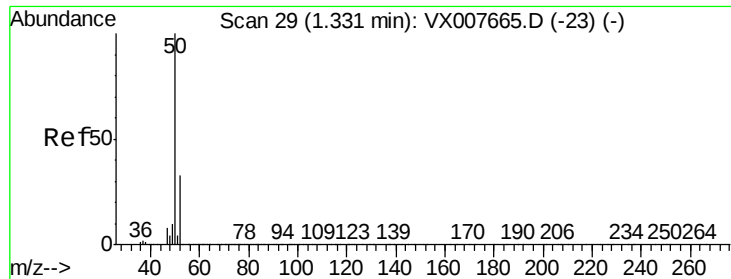
Dichlorodifluoromethane  
 Concen: 17.380 ug/l  
 RT: 1.20 min Scan# 8  
 Delta R.T. -0.00 min  
 Lab File: VX007829.D  
 Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 85      | 100   |       |       |
| 87      | 32.0  | 15.8  | 47.4  |



Abundance Ion 84.90 (84.60 to 85.60): VX0  
 Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.895 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0305WBS01

Tot Ion: 50 Resp: 61154

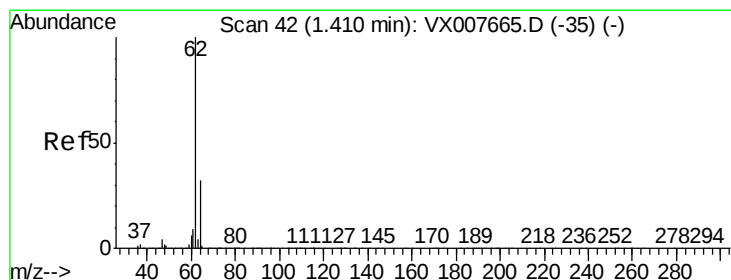
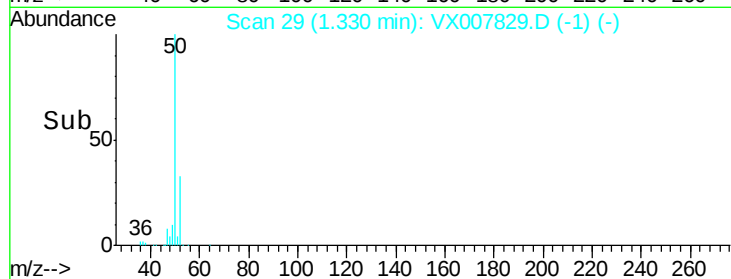
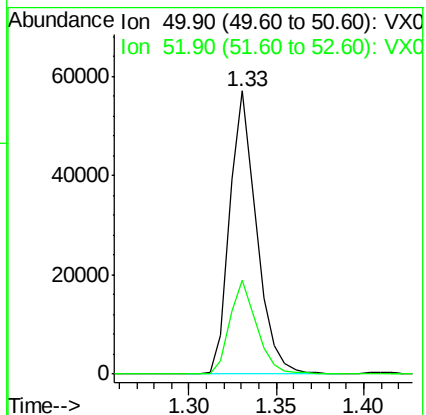
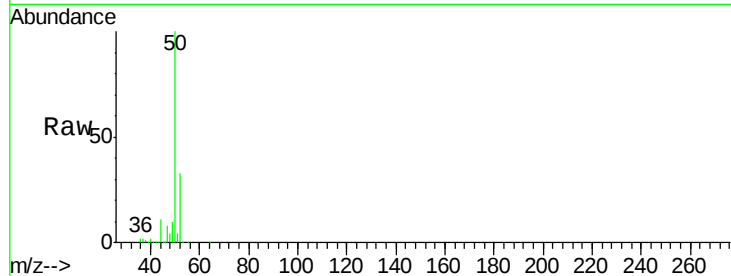
Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1

Manual Integrations  
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3/6/2019 9:49:33 AM



#4

Vinyl Chloride

Concen: 18.876 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007829.D

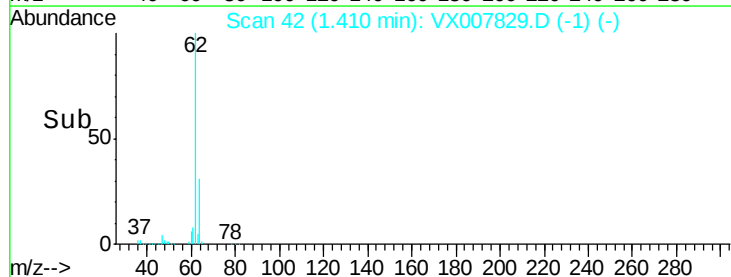
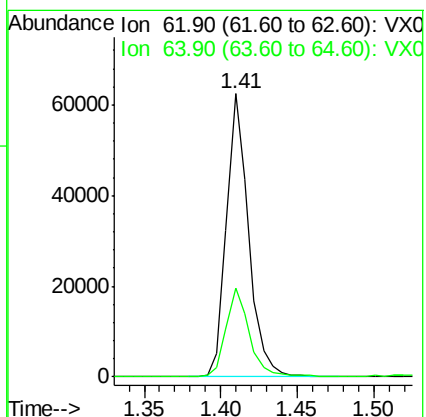
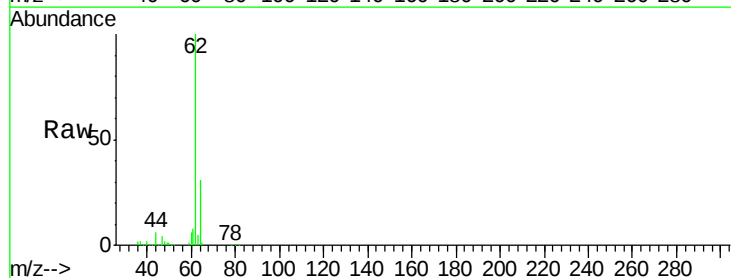
Acq: 05 Mar 2019 11:41

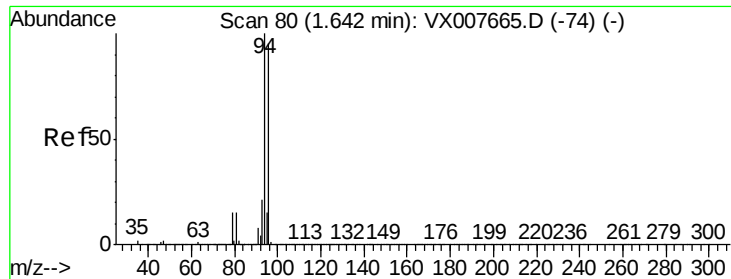
Tgt Ion: 62 Resp: 62676

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0





#5

Bromomethane

Concen: 14.022 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0305WBS01

Tot Ion: 94 Resp: 31668

Ion Ratio Lower Upper

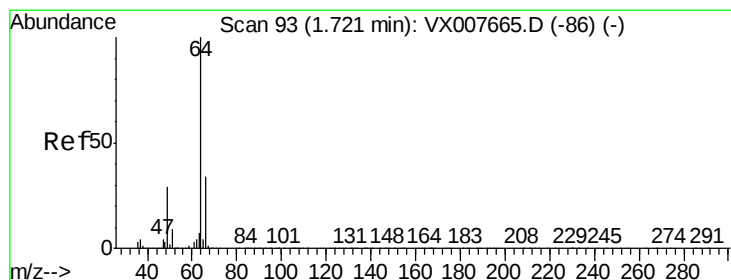
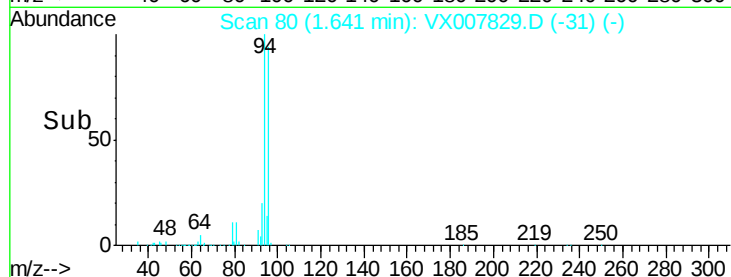
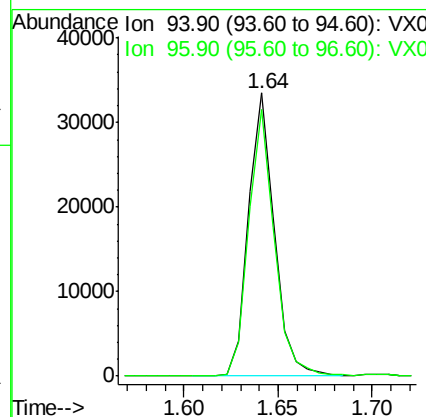
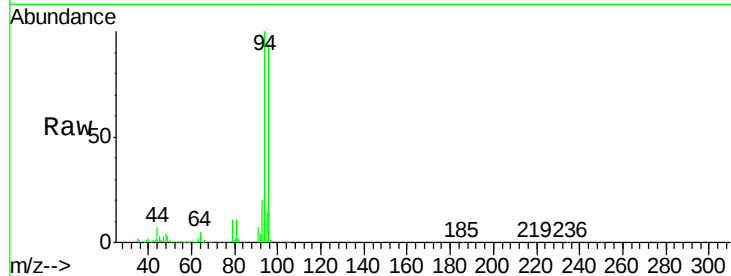
94 100

96 94.3 73.9 110.9

Manual Integrations  
APPROVED

MMDadoda

3/6/2019 9:49:33 AM



#6

Chloroethane

Concen: 18.419 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007829.D

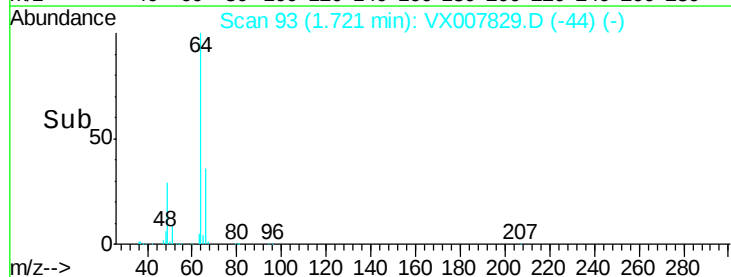
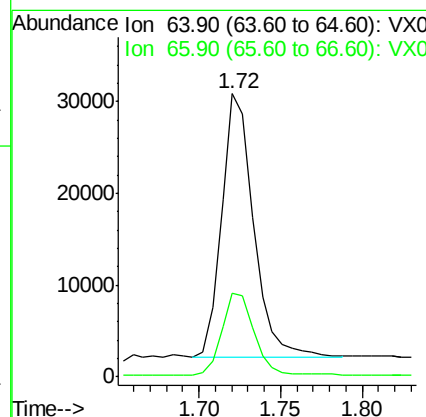
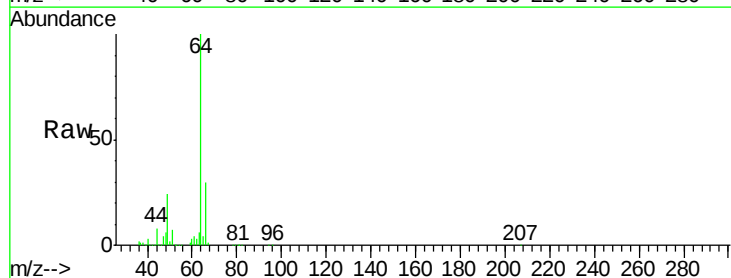
Acq: 05 Mar 2019 11:41

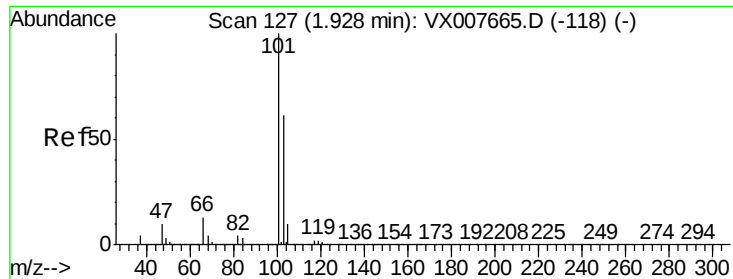
Tgt Ion: 64 Resp: 39075

Ion Ratio Lower Upper

64 100

66 31.3 25.5 38.3





#7

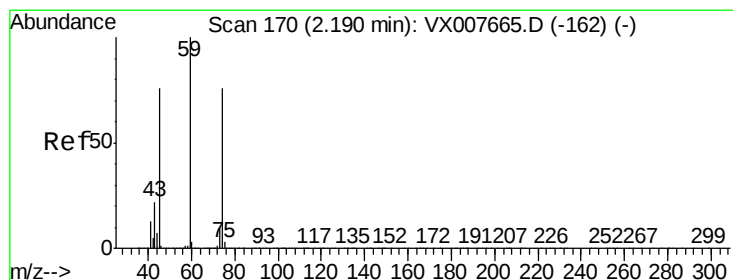
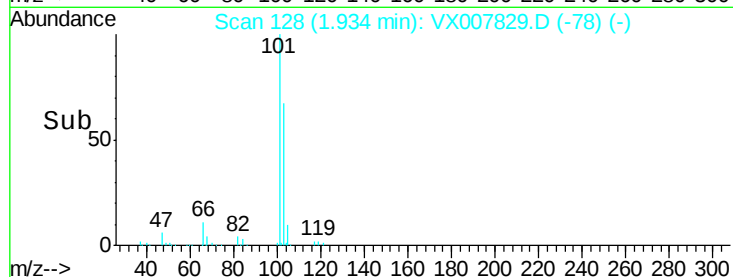
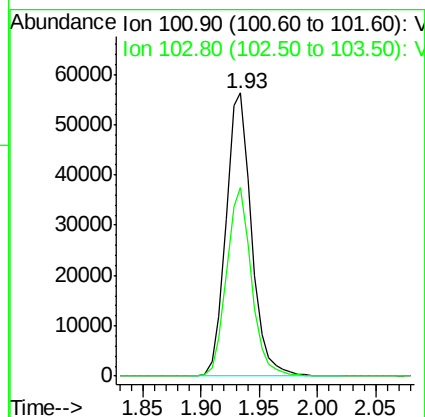
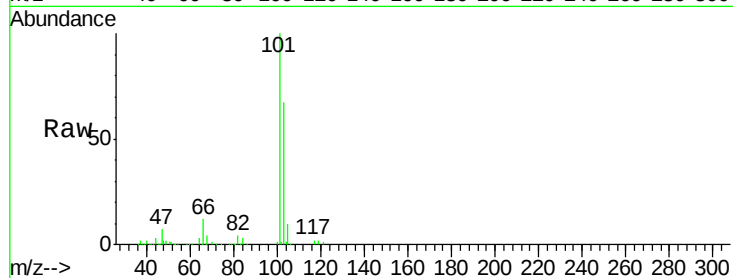
Trichlorofluoromethane  
Concen: 16.733 ug/l  
RT: 1.93 min Scan# 128  
Delta R.T. 0.01 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.7  | 52.6  | 79.0  |

Manual Integrations  
APPROVED

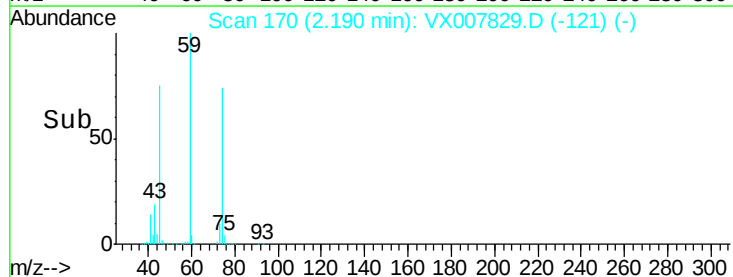
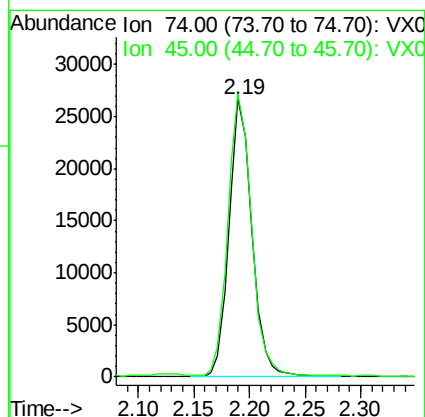
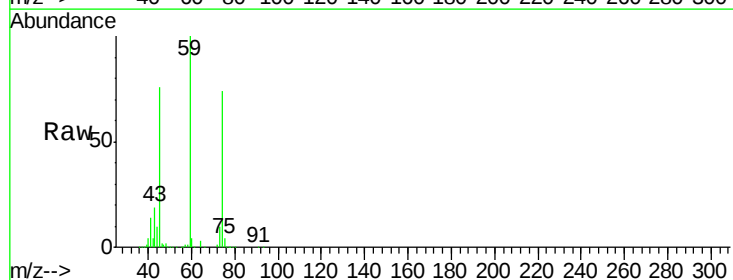
MMDadoda  
3/6/2019 9:49:33 AM

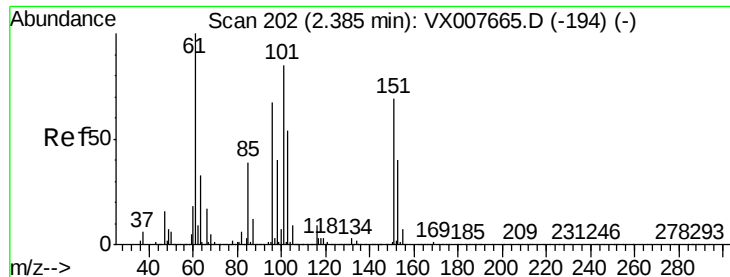


#8

Diethyl Ether  
Concen: 18.161 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 104.2 | 45.7  | 137.1 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.649 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

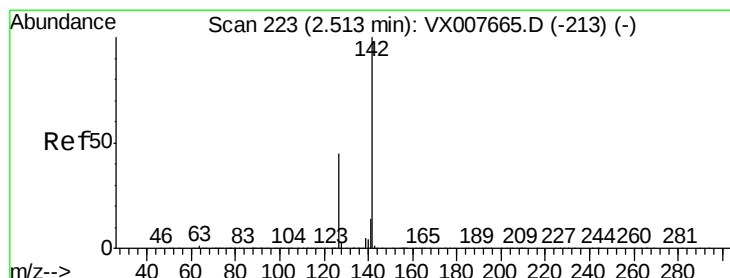
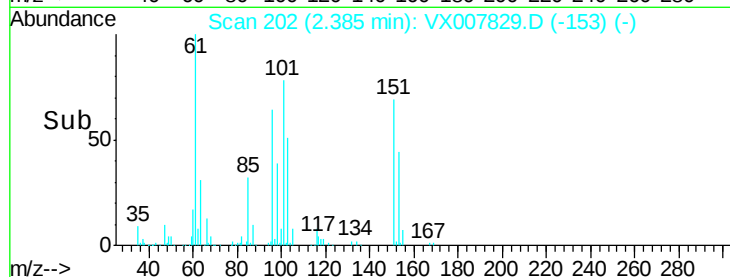
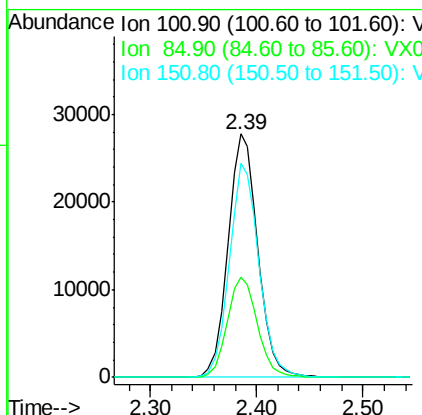
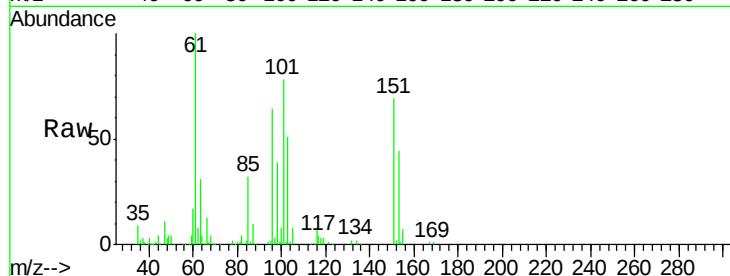
ClientSampleId :

VX0305WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 54301 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 41.8  | 34.1  | 51.1  |
| 151       | 87.5  | 69.9  | 104.9 |

Manual Integrations  
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MMDadoda  
3/6/2019 9:49:33 AM



#10

Methyl Iodide

Concen: 19.898 ug/l

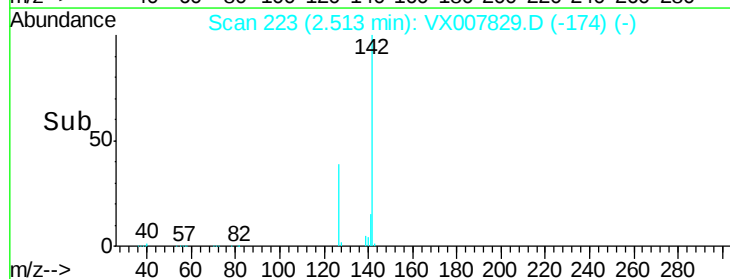
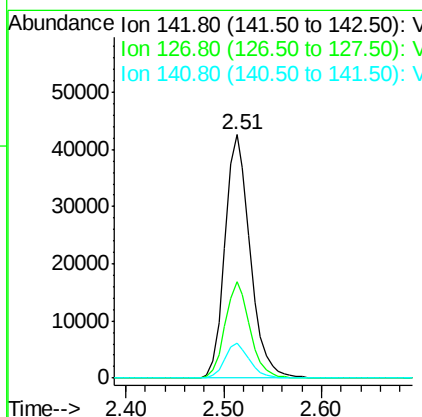
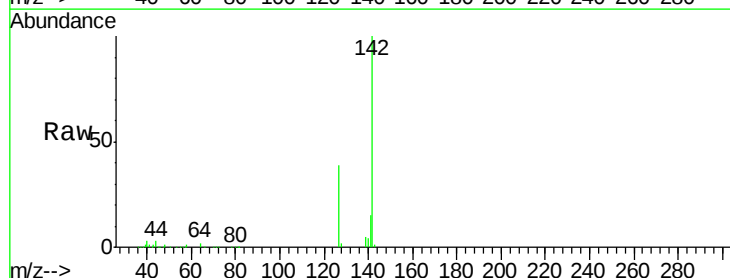
RT: 2.51 min Scan# 223

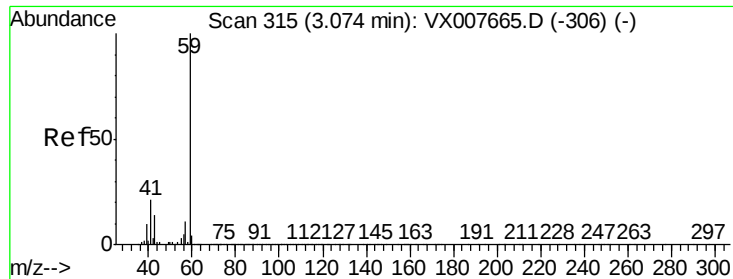
Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 76229 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 39.0  | 33.7  | 50.5  |
| 141       | 14.3  | 11.3  | 16.9  |





#11

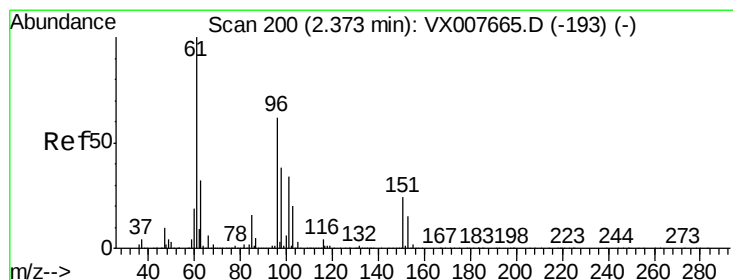
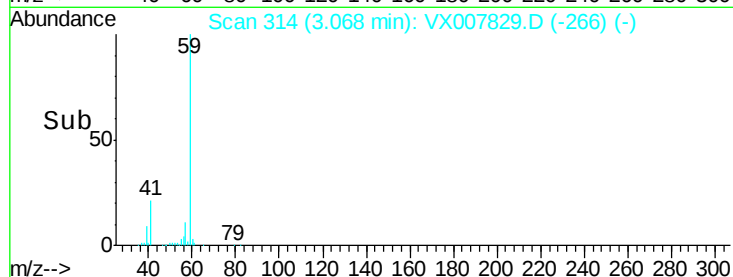
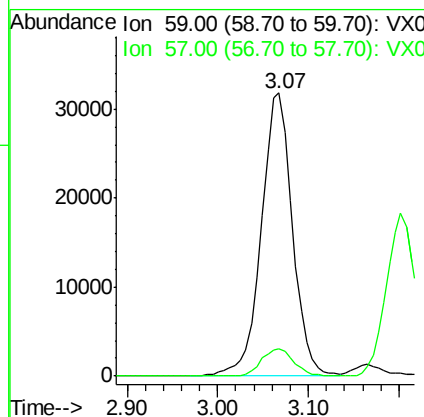
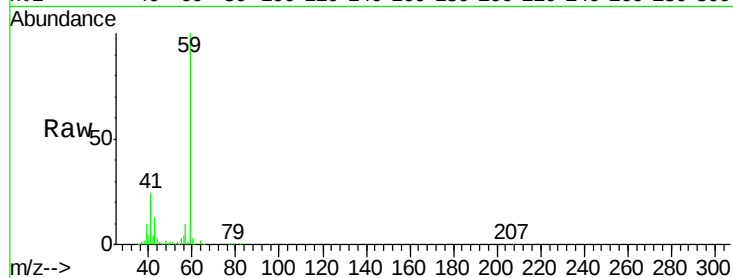
Tert butyl alcohol  
Concen: 101.412 ug/l  
RT: 3.07 min Scan# 314  
Delta R.T. -0.01 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.2  | 8.1   | 12.1  |

Manual Integrations  
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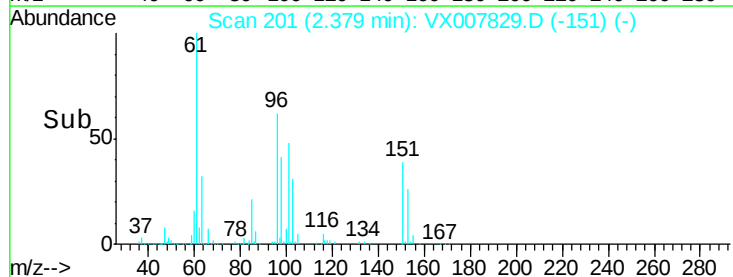
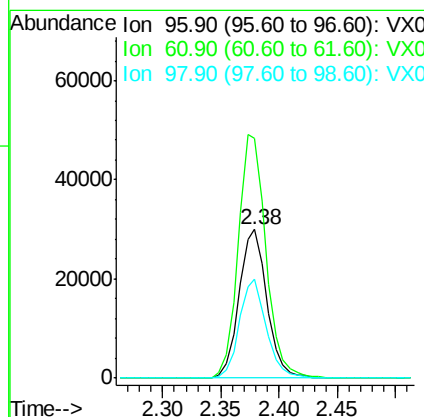
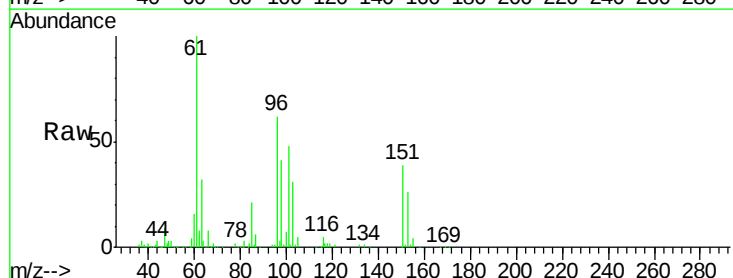
MMDadoda  
3/6/2019 9:49:33 AM

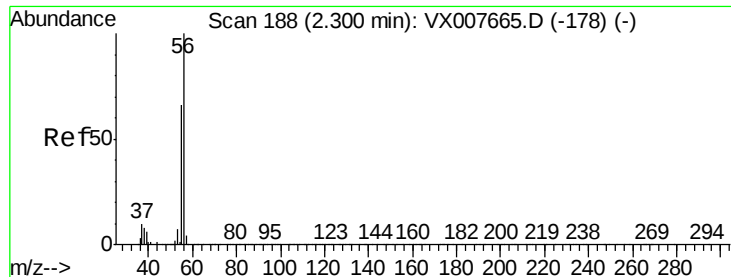


#12

1,1-Dichloroethene  
Concen: 18.062 ug/l  
RT: 2.38 min Scan# 201  
Delta R.T. 0.01 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 161.5 | 123.0 | 184.4 |
| 98      | 66.9  | 50.9  | 76.3  |





#13

Acrolein

Concen: 104.589 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0305WBS01

Tot Ion: 56 Resp: 69252

Ion Ratio Lower Upper

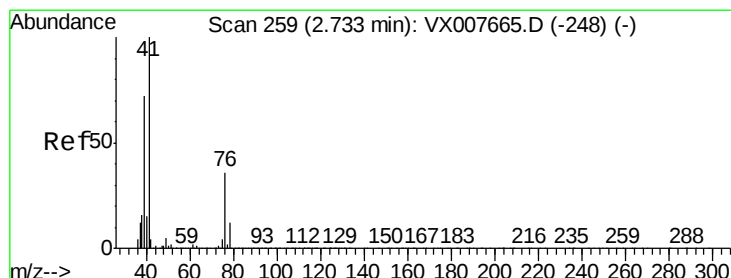
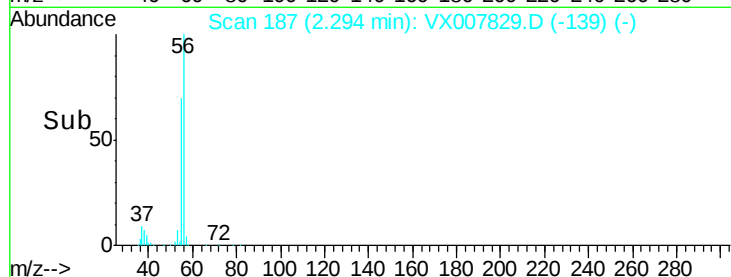
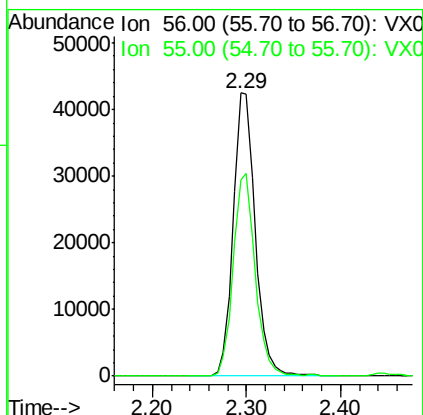
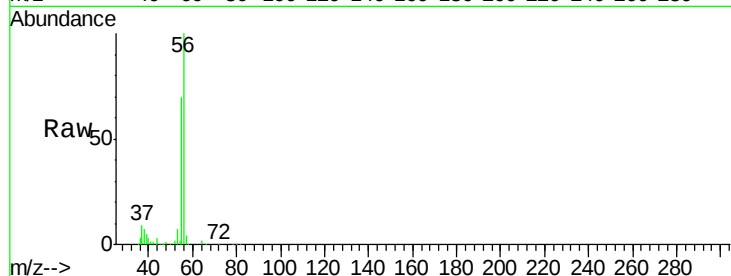
56 100

55 71.2 56.9 85.3

Manual Integrations  
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3/6/2019 9:49:33 AM



#14

Allyl chloride

Concen: 21.047 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

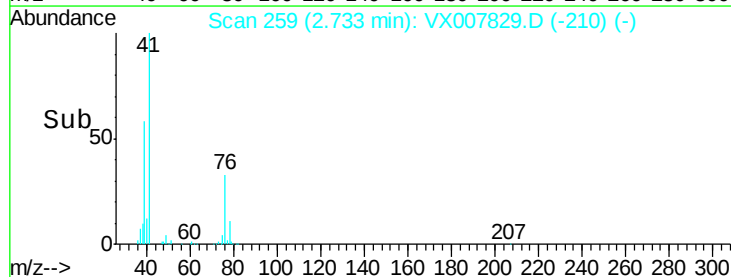
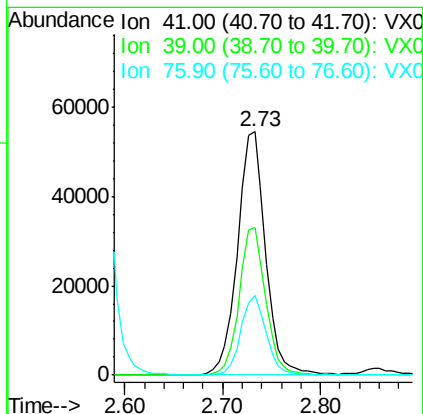
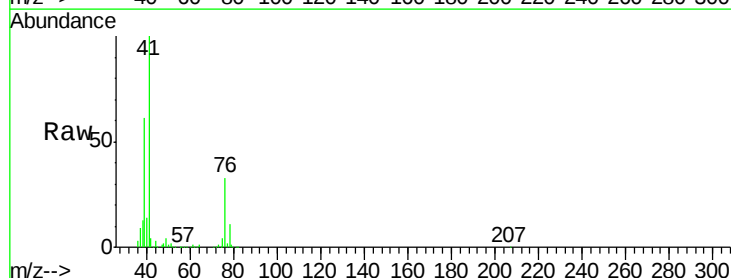
Tgt Ion: 41 Resp: 107926

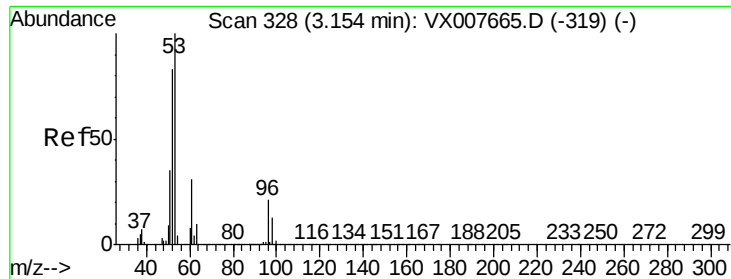
Ion Ratio Lower Upper

41 100

39 56.8 54.1 81.1

76 29.9 27.8 41.8





#15

Acrylonitrile

Concen: 103.626 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

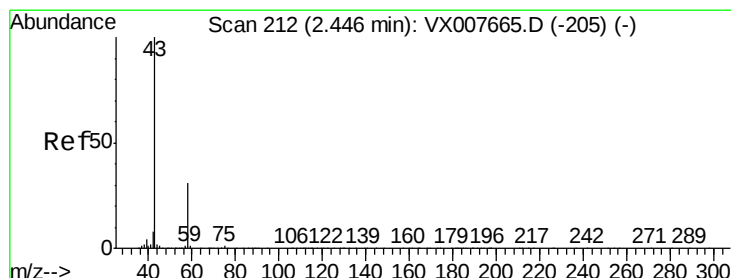
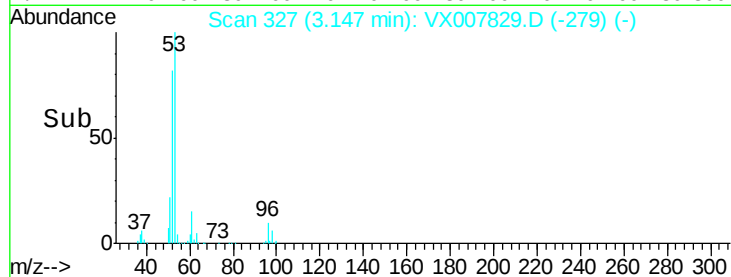
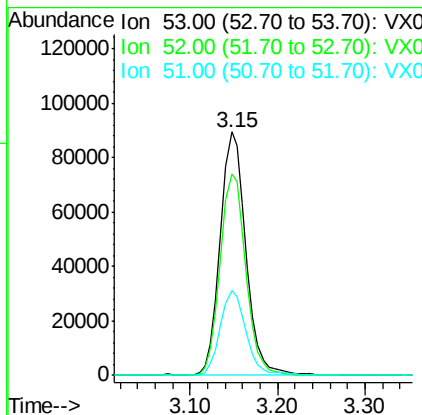
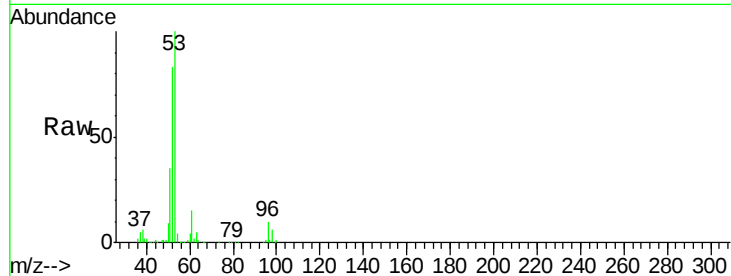
ClientSampleId :

VX0305WBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 181710 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 82.8 | 66.4  | 99.6   |
| 51        | 35.0 | 28.4  | 42.6   |

Manual Integrations  
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3/6/2019 9:49:33 AM



#16

Acetone

Concen: 104.000 ug/l

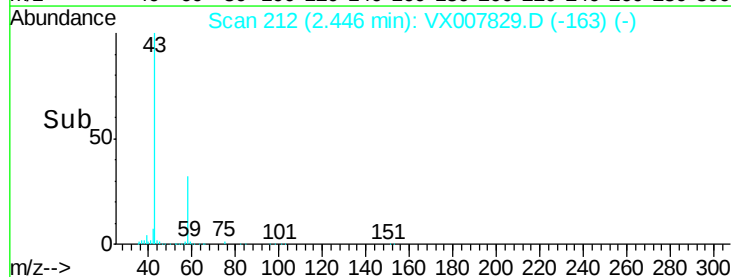
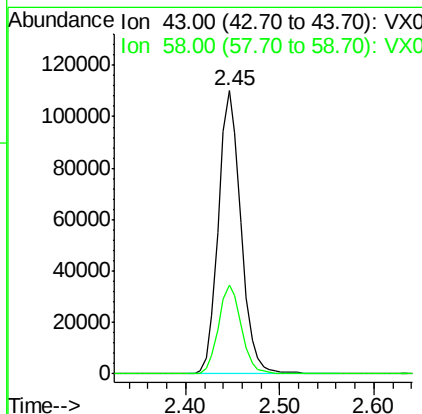
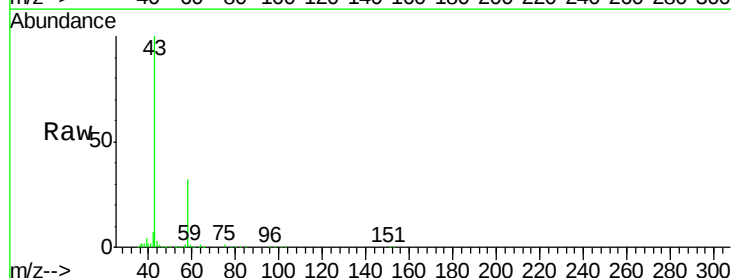
RT: 2.45 min Scan# 212

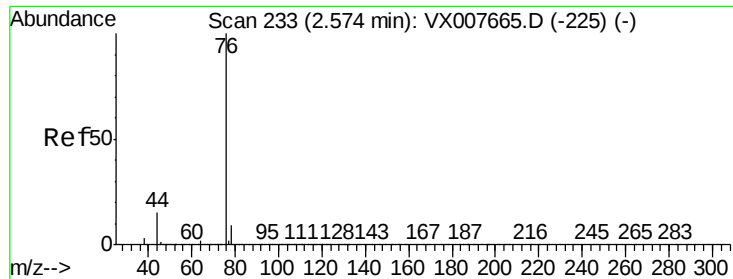
Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 181630 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 31.6 | 24.9  | 37.3   |





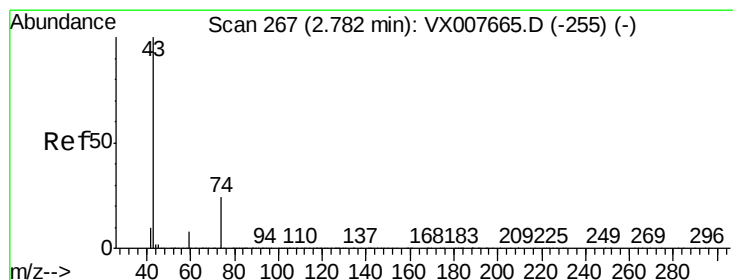
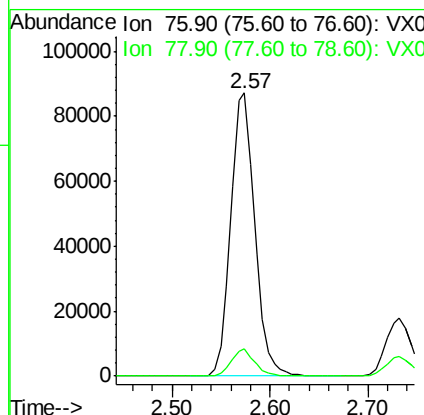
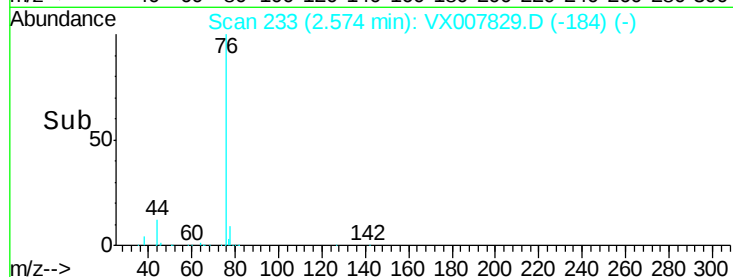
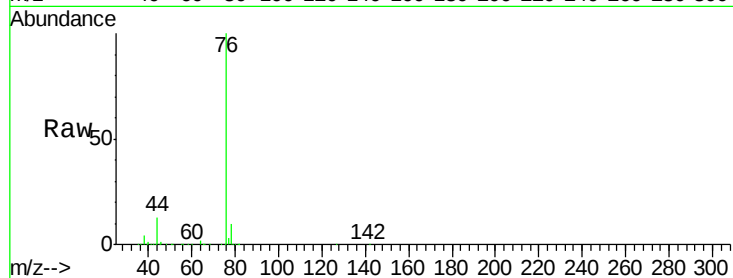
#17  
Carbon Disulfide  
Concen: 19.297 ug/l  
RT: 2.57 min Scan# 233  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

| Tot Ion | 76    | Resp  | 148883 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 76      | 100   |       |        |
| 78      | 9.4   | 7.1   | 10.7   |

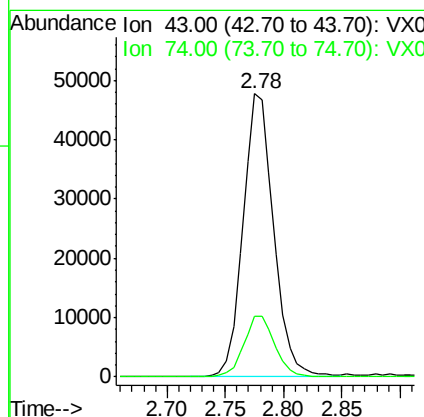
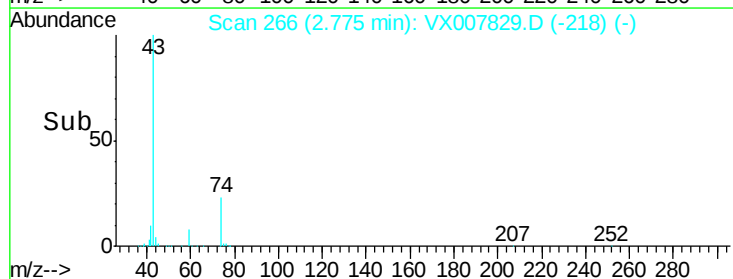
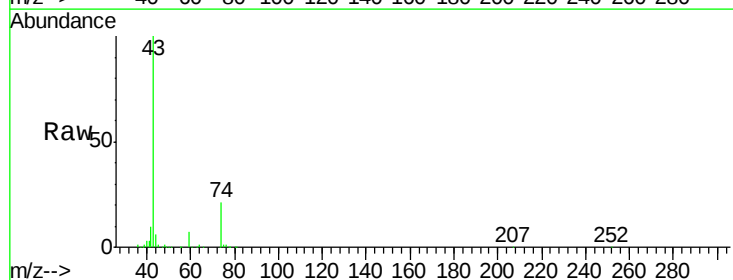
Manual Integrations  
APPROVED

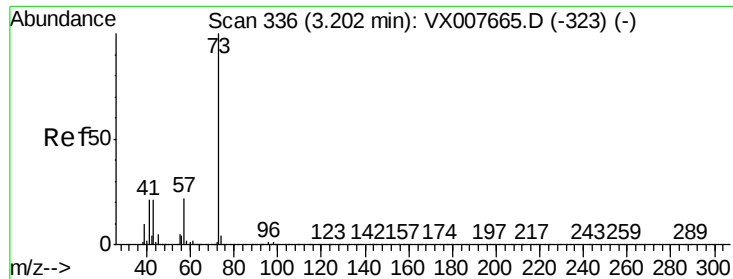
MMDadoda  
3/6/2019 9:49:33 AM



#18  
Methyl Acetate  
Concen: 22.817 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.01 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | 43    | Resp  | 86952 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 43      | 100   |       |       |
| 74      | 22.5  | 19.4  | 29.2  |





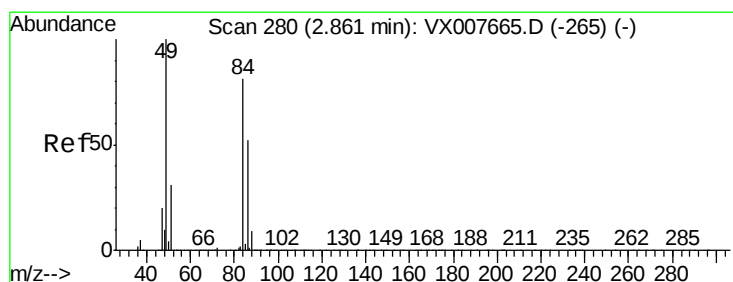
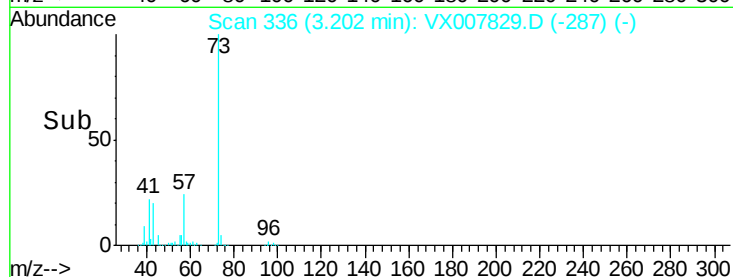
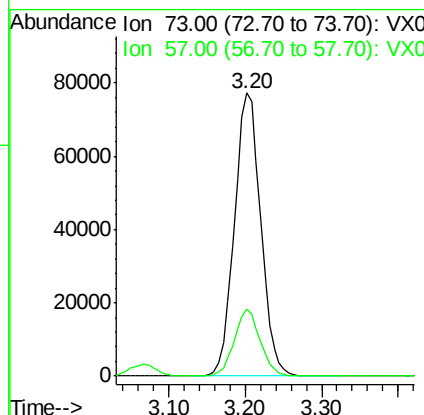
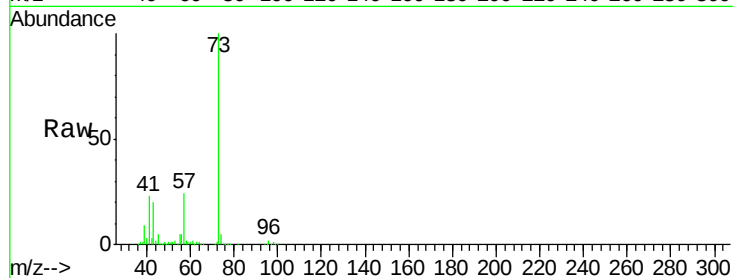
#19  
Methvl tert-butvl Ether  
Concen: 19.050 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

Tot Ion: 73 Resp: 183973  
Ion Ratio Lower Upper  
73 100  
57 23.7 17.8 26.8

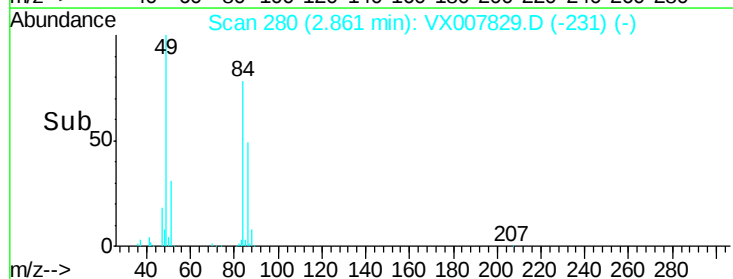
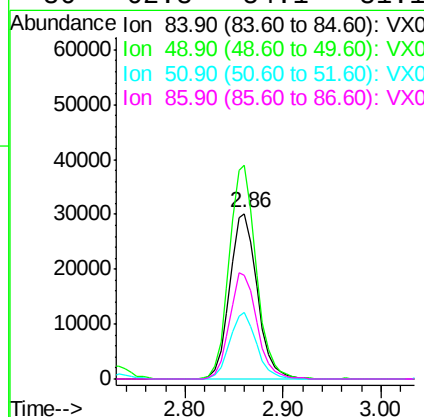
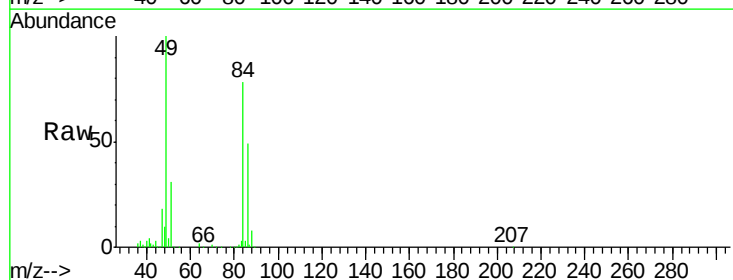
Manual Integrations  
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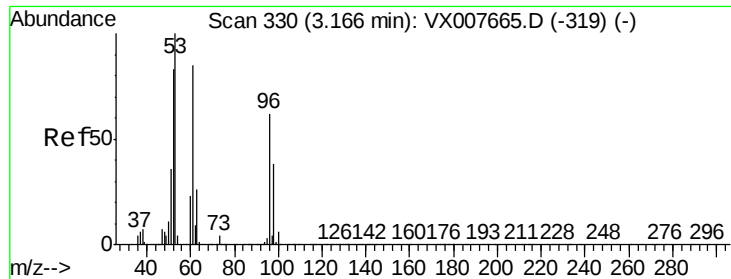
MMDadoda  
3/6/2019 9:49:33 AM



#20  
Methylene Chloride  
Concen: 18.241 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Tgt Ion: 84 Resp: 58825  
Ion Ratio Lower Upper  
84 100  
49 128.9 94.8 142.2  
51 39.9 29.8 44.8  
86 62.8 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 17.977 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

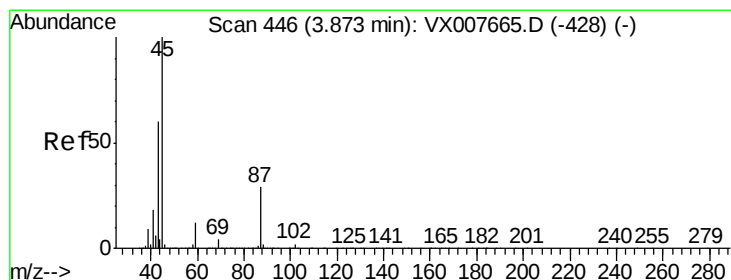
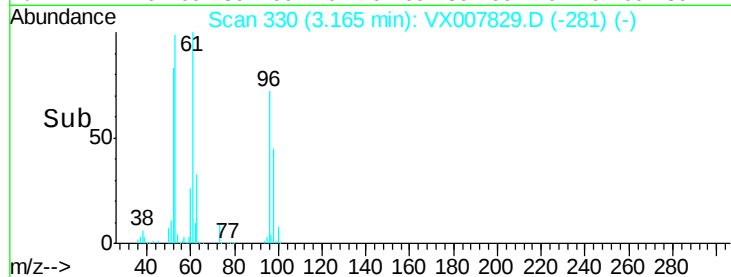
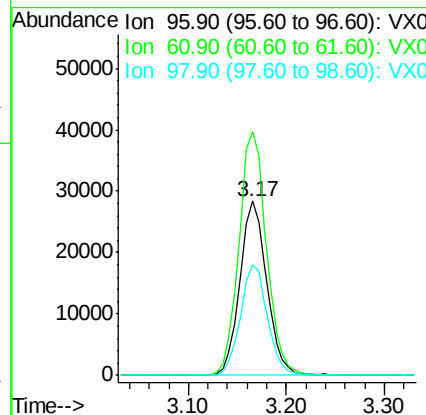
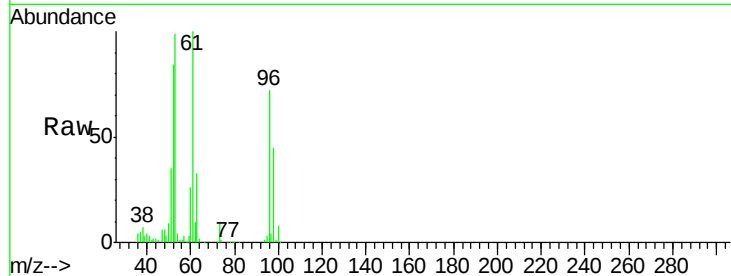
ClientSampled :

VX0305WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 54199 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 139.7 | 104.6 | 156.8 |
| 98       | 63.1  | 51.0  | 76.4  |

Manual Integrations  
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MMDadoda  
3/6/2019 9:49:33 AM



#22

Diisopropyl ether

Concen: 19.121 ug/l

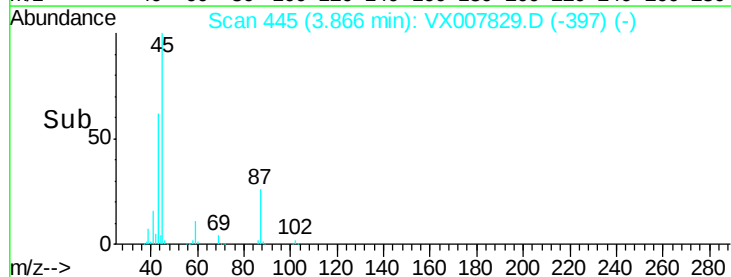
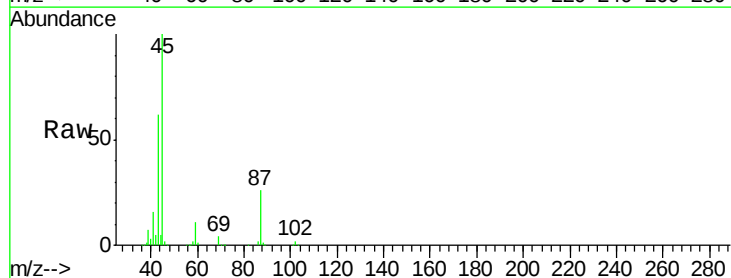
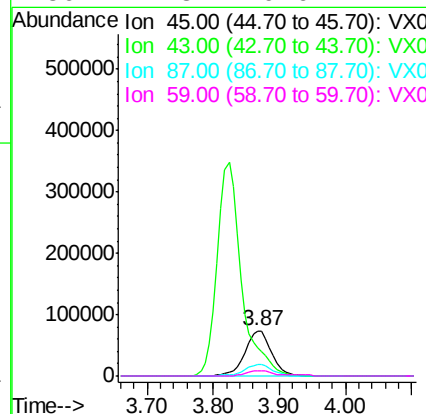
RT: 3.87 min Scan# 445

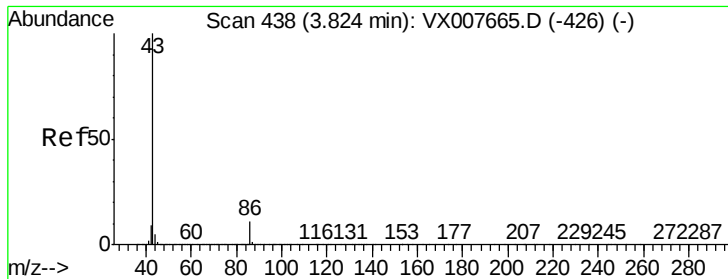
Delta R.T. -0.01 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 204114 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 61.3  | 48.9  | 73.3   |
| 87       | 26.1  | 23.9  | 35.9   |
| 59       | 11.3  | 9.6   | 14.4   |





#23

Vinyl Acetate

Concen: 95.193 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0305WBS01

Tot Ion: 43 Resp: 891531

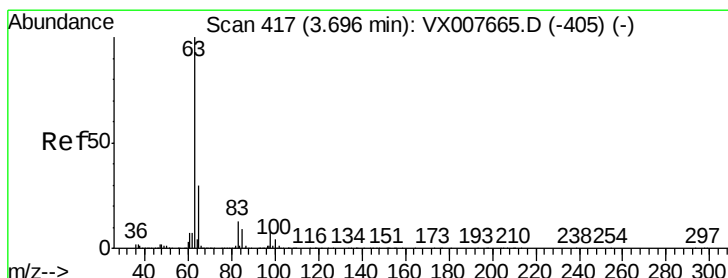
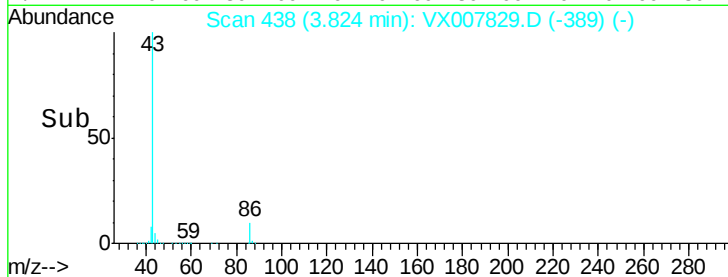
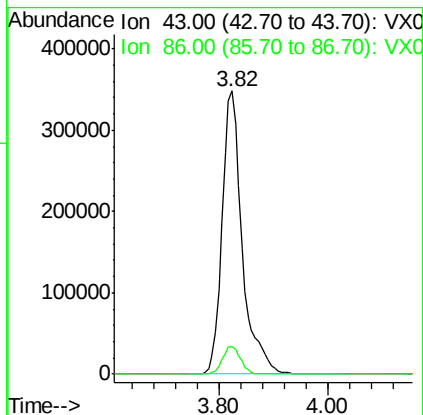
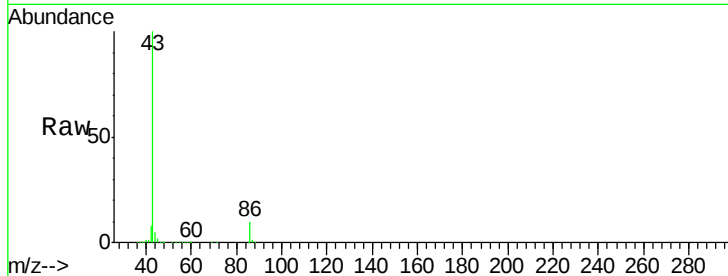
Ion Ratio Lower Upper

43 100

86 9.8 8.7 13.1

Manual Integrations  
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3/6/2019 9:49:33 AM



#24

1,1-Dichloroethane

Concen: 18.478 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

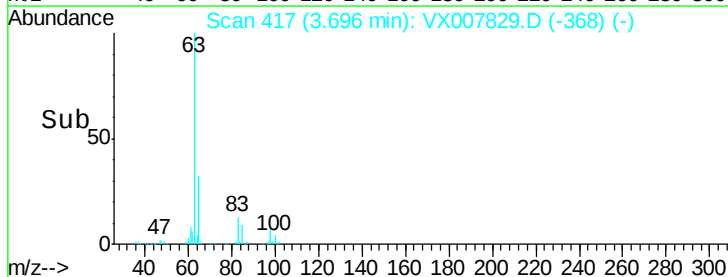
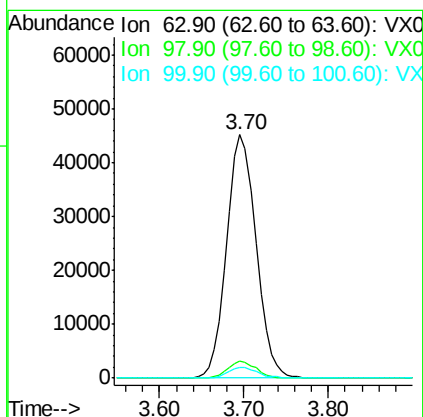
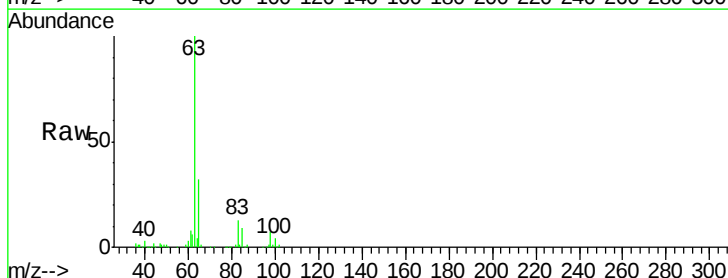
Tgt Ion: 63 Resp: 107198

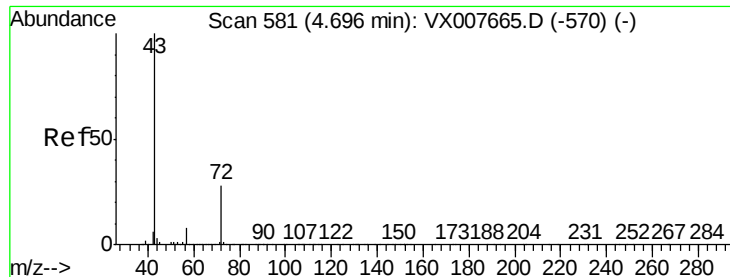
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.2 2.5 7.4





#25

2-Butanone

Concen: 98.347 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Tot Ion: 43 Resp: 261630

Ion Ratio Lower Upper

43 100

72 25.1 22.2 33.2

Instrument :

MSVOA\_X

ClientSampled :

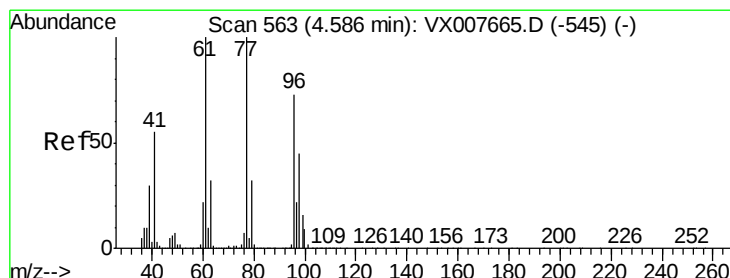
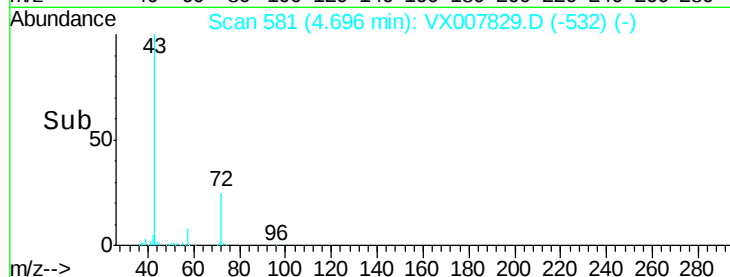
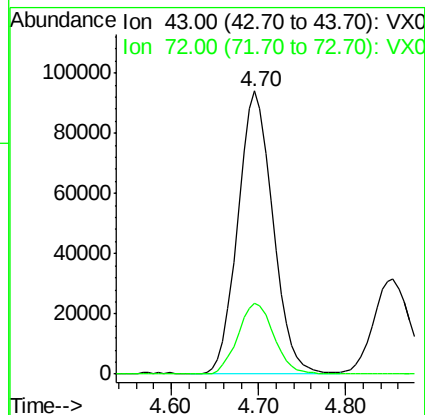
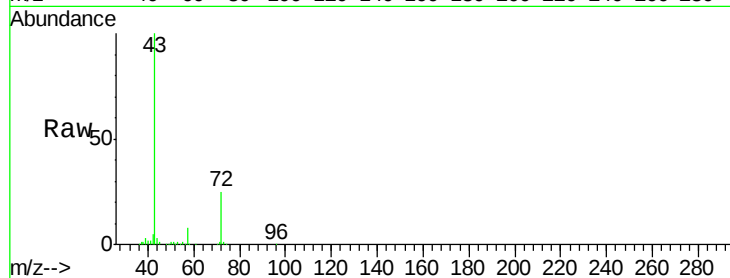
VX0305WBS01

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#26

2,2-Dichloropropane

Concen: 16.852 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007829.D

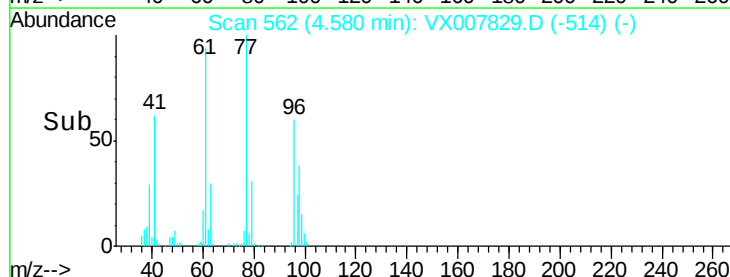
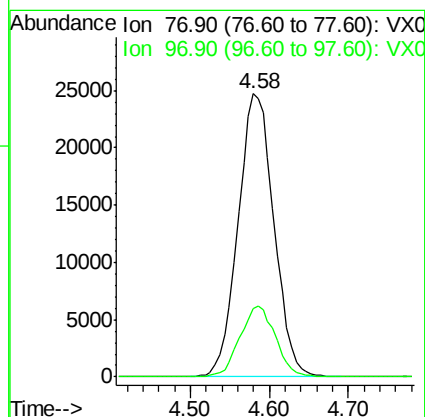
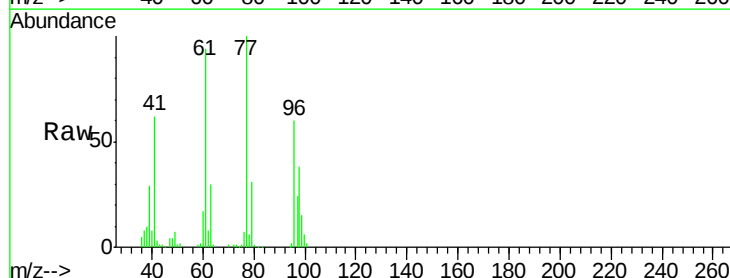
Acq: 05 Mar 2019 11:41

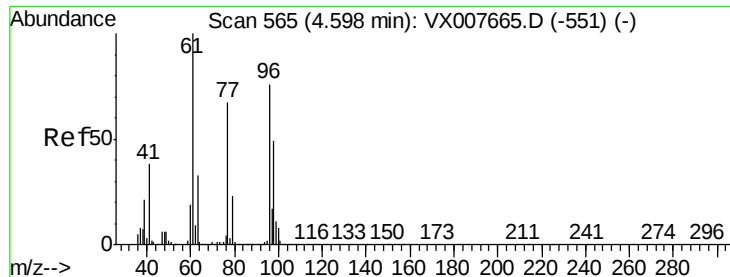
Tgt Ion: 77 Resp: 78040

Ion Ratio Lower Upper

77 100

97 24.7 12.1 36.3





#27

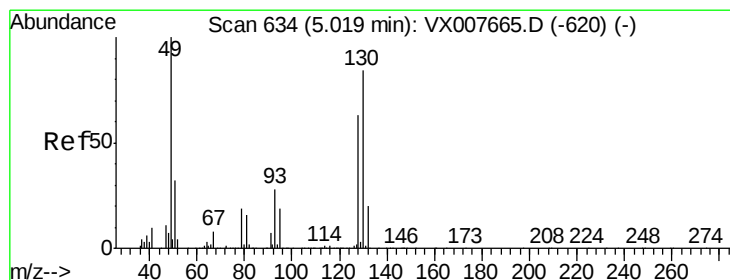
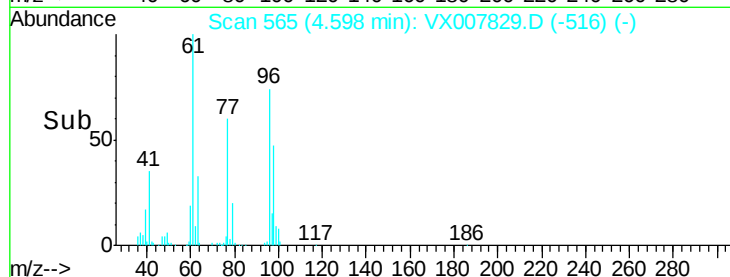
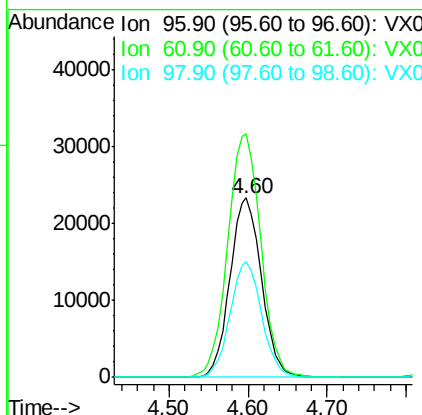
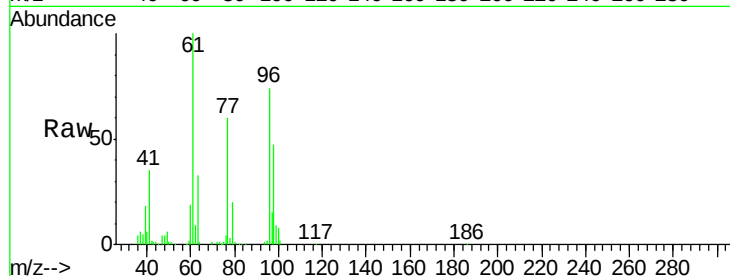
cis-1,2-Dichloroethene  
Concen: 16.930 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 143.1 | 0.0   | 265.6 |
| 98      | 64.5  | 0.0   | 131.6 |

Manual Integrations  
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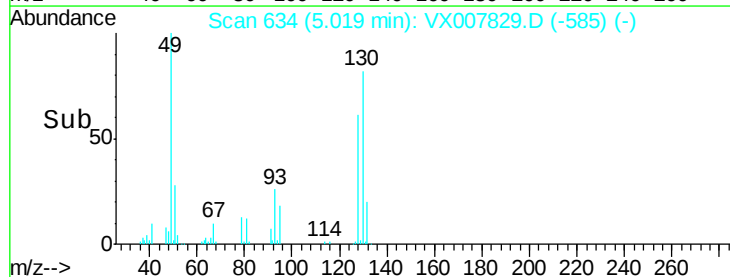
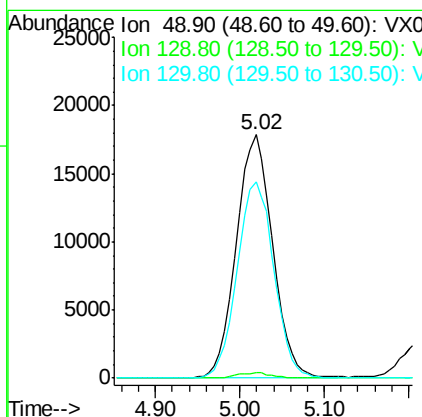
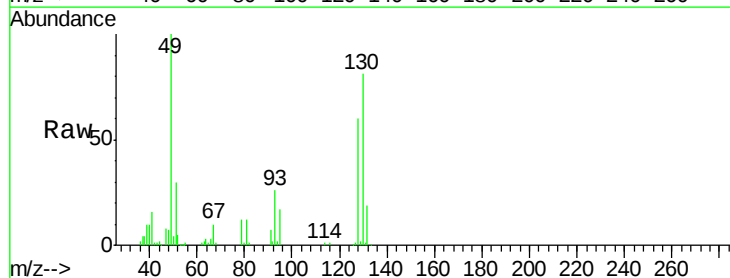
MMDadoda  
3/6/2019 9:49:33 AM

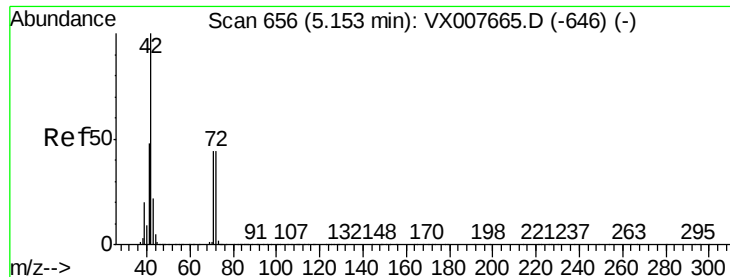


#28

Bromochloromethane  
Concen: 18.488 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.0   | 0.0   | 5.6   |
| 130     | 81.6  | 75.6  | 113.4 |





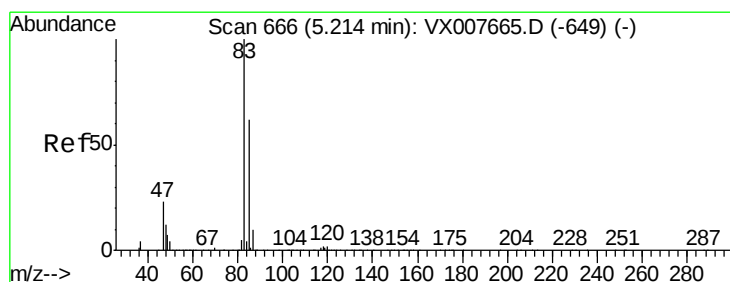
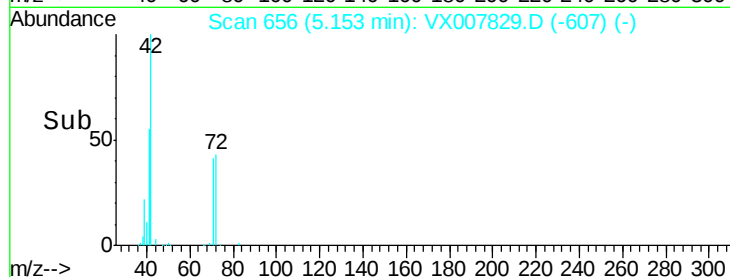
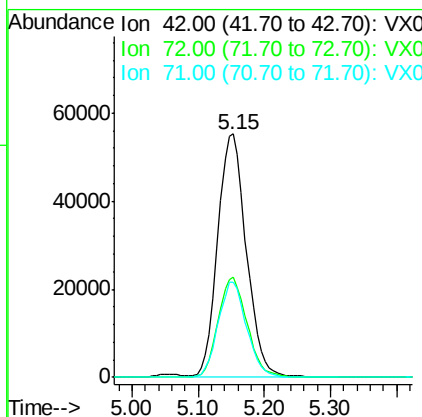
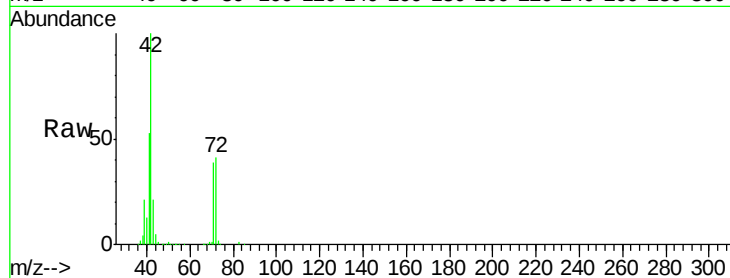
#29  
Tetrahydrofuran  
Concen: 94.216 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 41.8  | 37.6  | 56.4  |
| 71      | 39.2  | 34.6  | 51.8  |

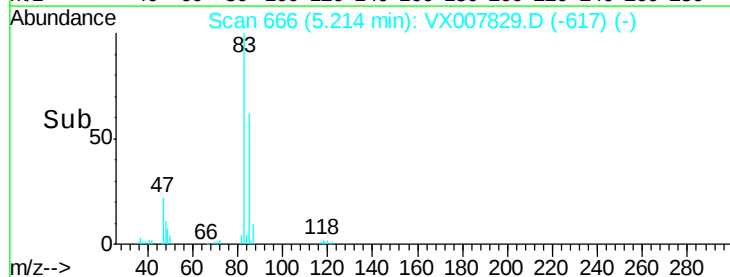
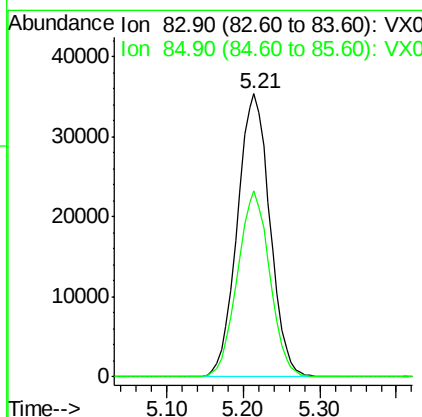
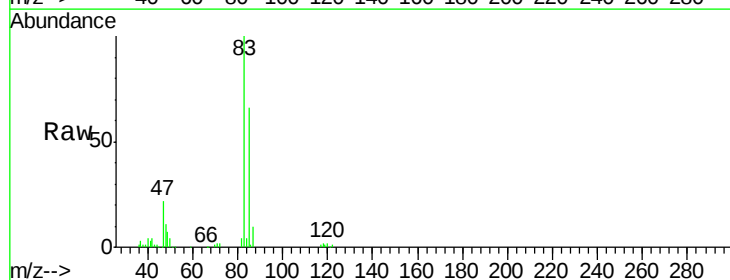
Manual Integrations  
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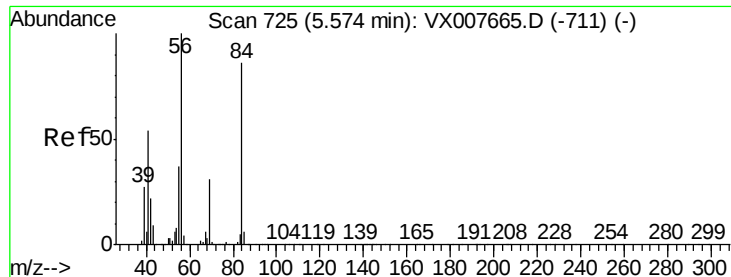
MMDadoda  
3/6/2019 9:49:33 AM



#30  
Chloroform  
Concen: 16.839 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.7  | 51.6  | 77.4  |





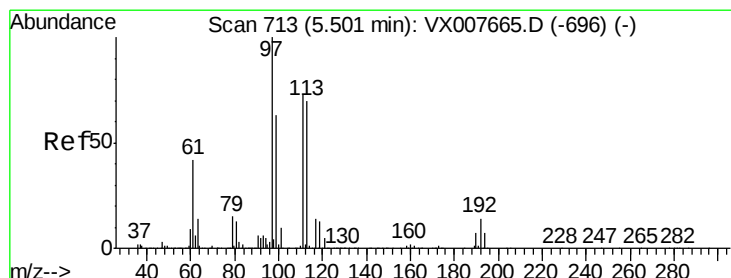
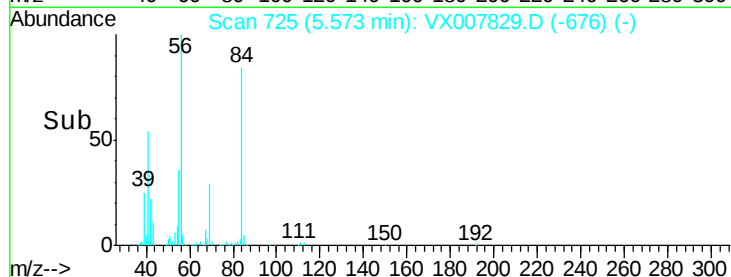
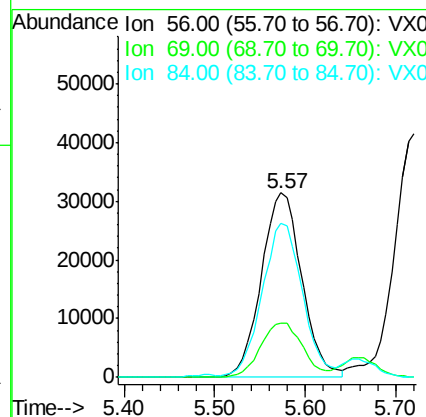
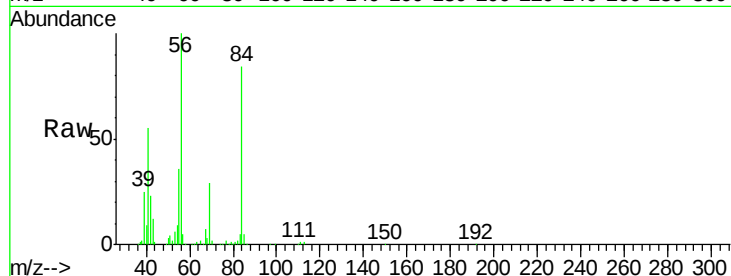
#31  
Cyclohexane  
Concen: 17.791 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 29.5  | 23.0  | 34.6  |
| 84      | 82.7  | 69.8  | 104.6 |

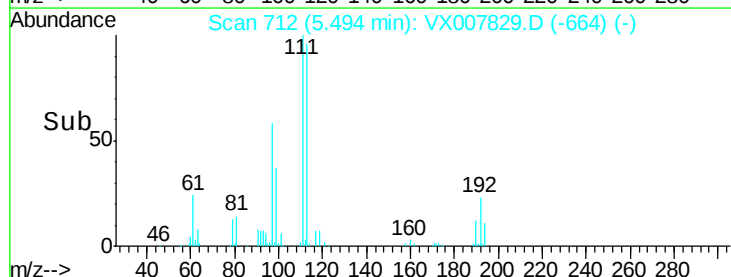
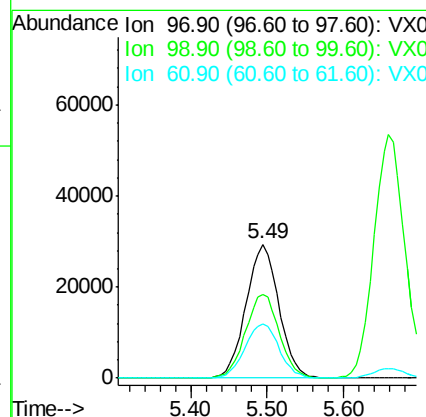
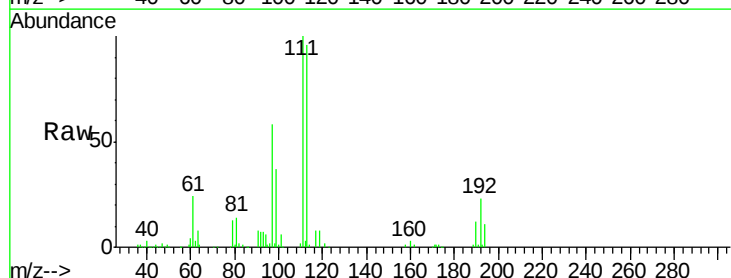
Manual Integrations  
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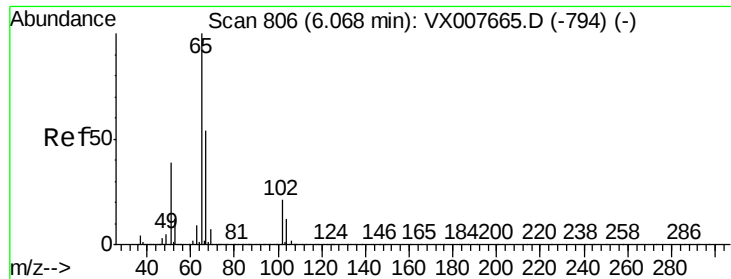
MMDadoda  
3/6/2019 9:49:33 AM



#32  
1,1,1-Trichloroethane  
Concen: 17.022 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.01 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.5  | 52.2  | 78.2  |
| 61      | 42.5  | 32.7  | 49.1  |





#33

1,2-Dichloroethane-d4

Concen: 42.346 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0305WBS01

Tot Ion: 65 Resp: 166303

Ion Ratio Lower Upper

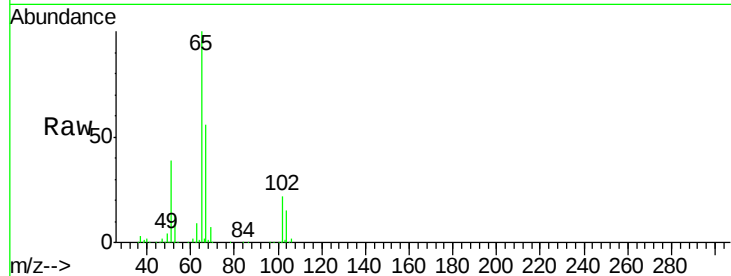
65 100

67 54.9 0.0 108.8

Manual Integrations  
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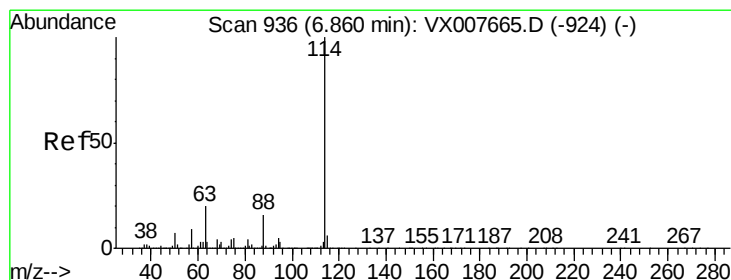
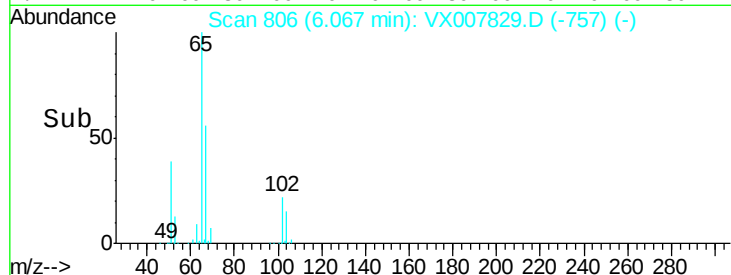
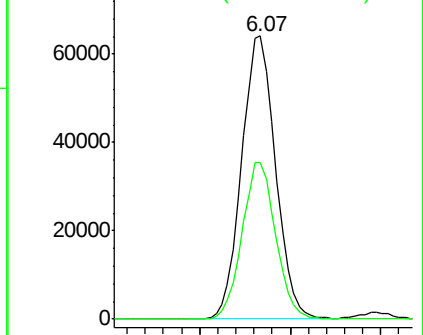
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

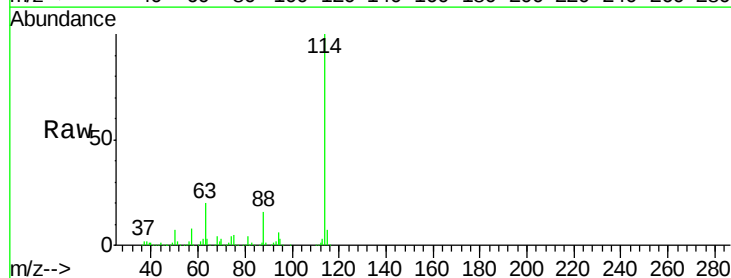
Tgt Ion: 114 Resp: 445112

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.6

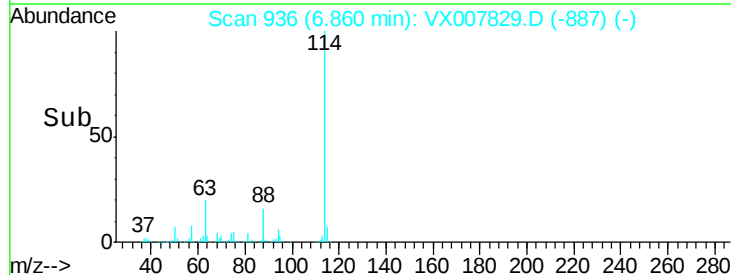
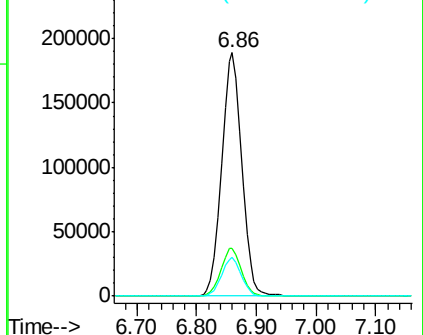
88 16.0 0.0 29.6

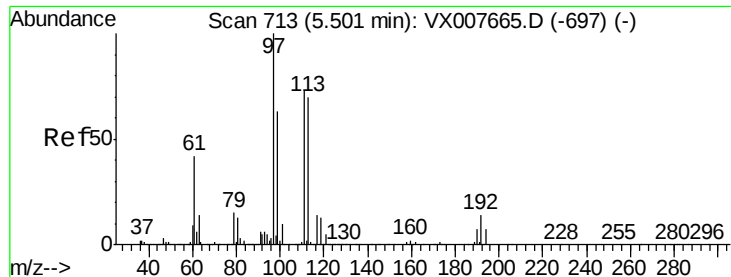


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.868 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

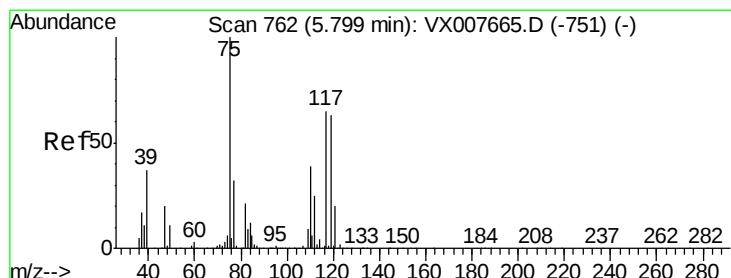
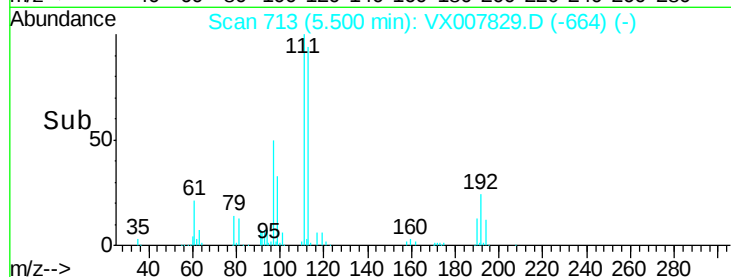
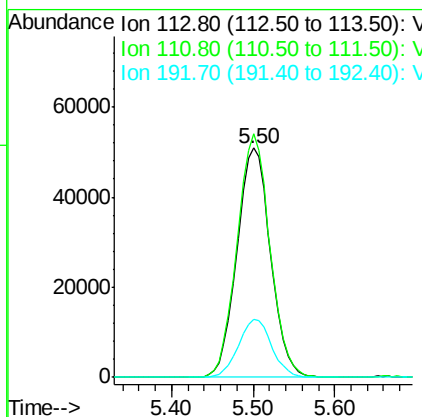
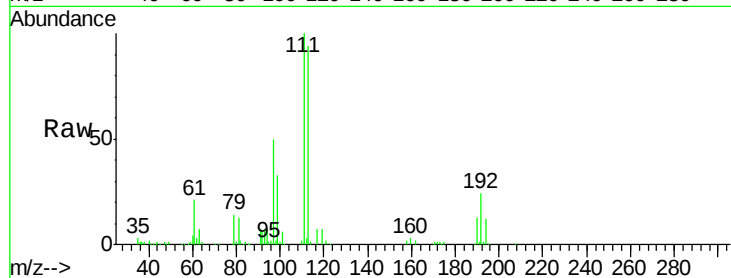
ClientSampleId :

VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 104.0 | 81.8  | 122.8 |
| 192     | 25.0  | 18.5  | 27.7  |

Manual Integrations  
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3/6/2019 9:49:33 AM



#36

1,1-Dichloropropene

Concen: 19.188 ug/l

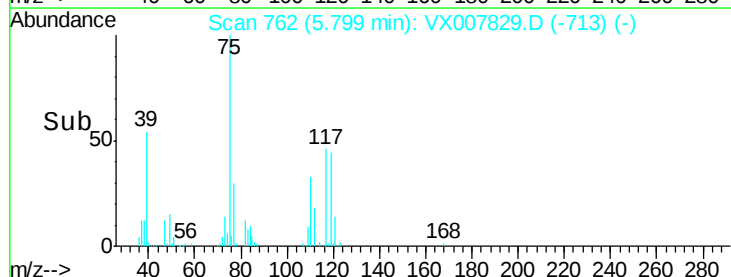
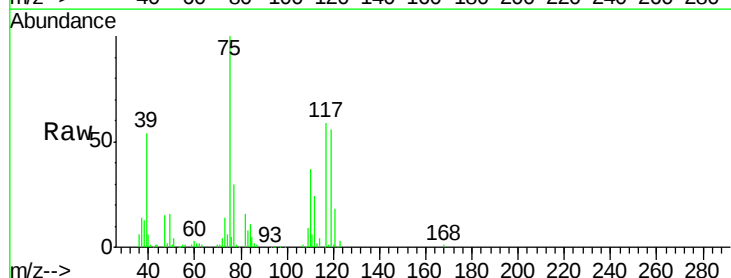
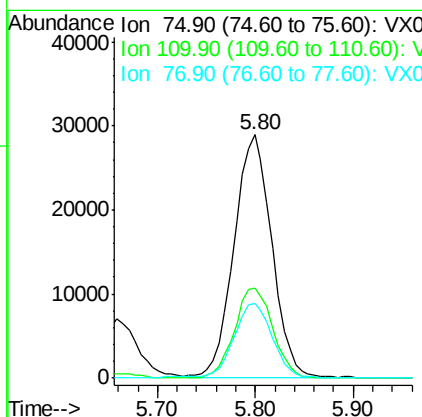
RT: 5.80 min Scan# 762

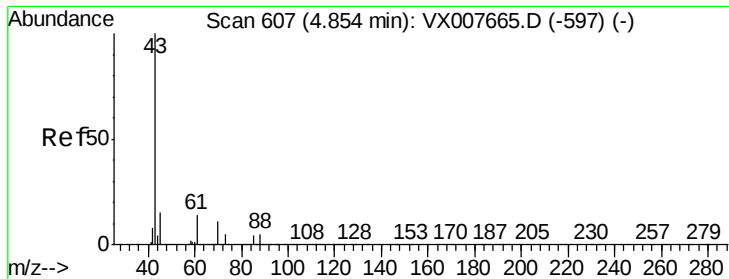
Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.7  | 20.0  | 59.9  |
| 77      | 31.9  | 24.7  | 37.1  |





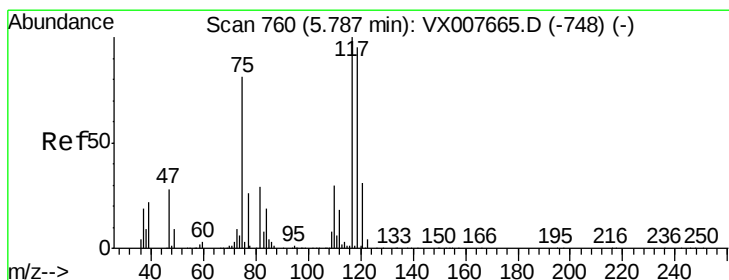
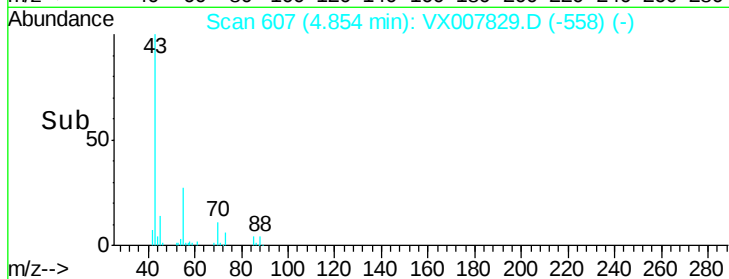
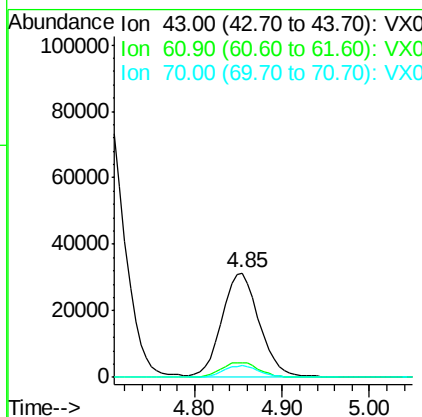
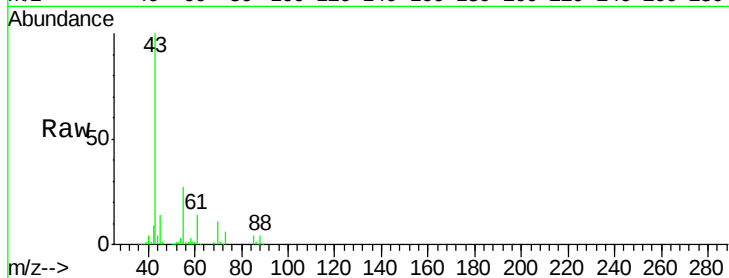
#37  
Ethyl Acetate  
Concen: 20.787 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleID :  
VX0305WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 92405 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.9  | 11.3  | 16.9  |
| 70       | 10.6  | 8.6   | 13.0  |

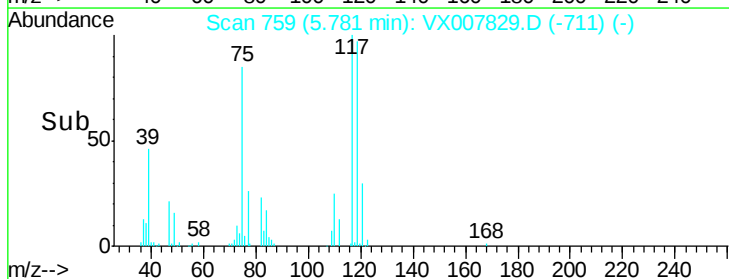
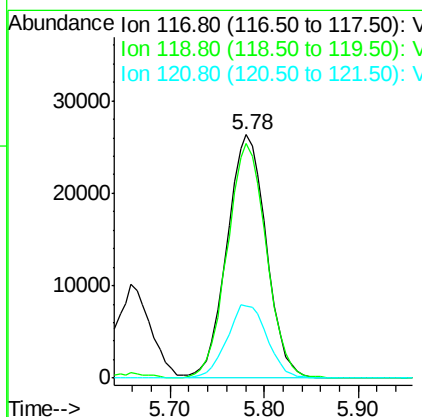
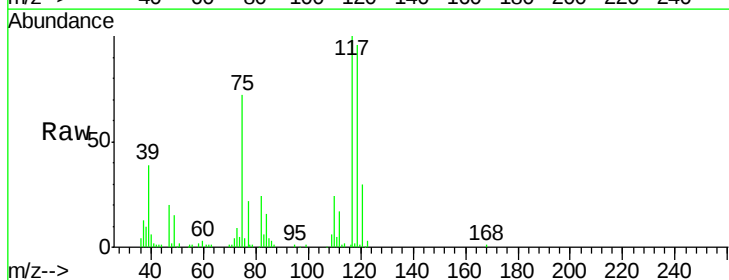
Manual Integrations  
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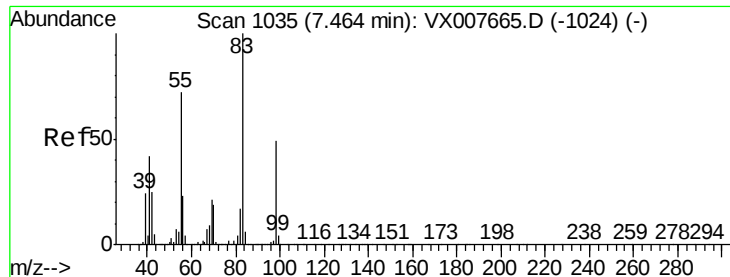
MMDadoda  
3/6/2019 9:49:33 AM



#38  
Carbon Tetrachloride  
Concen: 18.990 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 76336 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.2  | 75.3  | 112.9 |
| 121      | 29.8  | 25.0  | 37.4  |





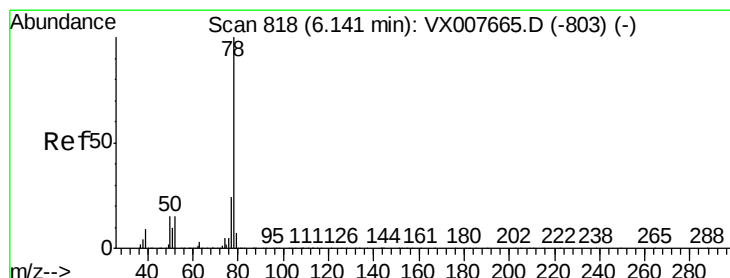
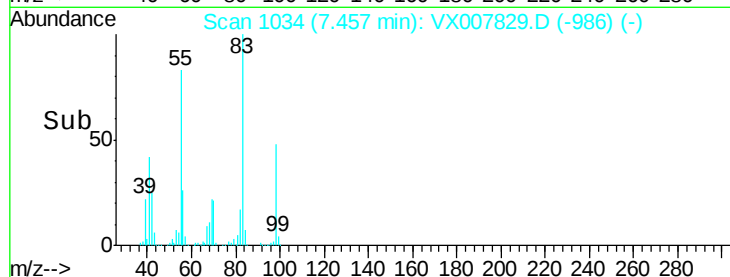
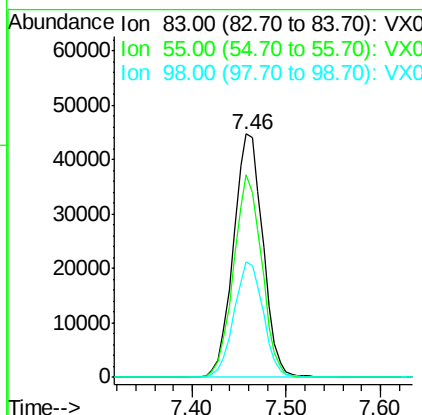
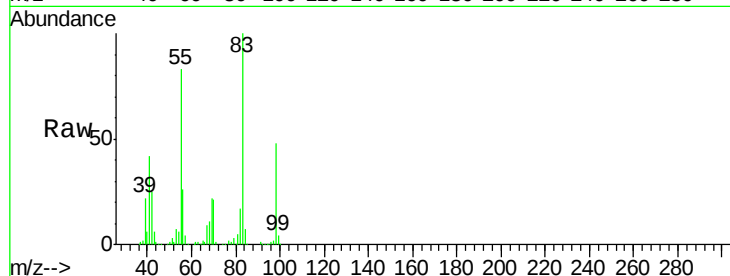
#39  
Methvlcvclohexane  
Concen: 19.286 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.01 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 83.1  | 56.2  | 84.2  |
| 98      | 47.6  | 36.8  | 55.2  |

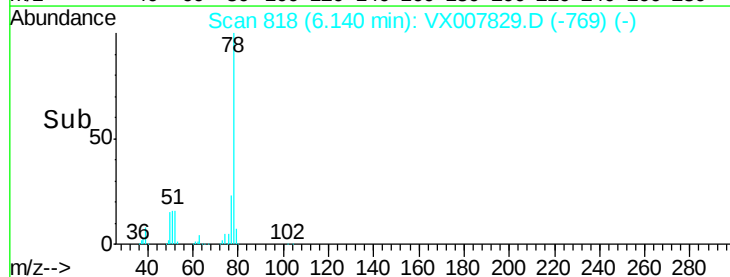
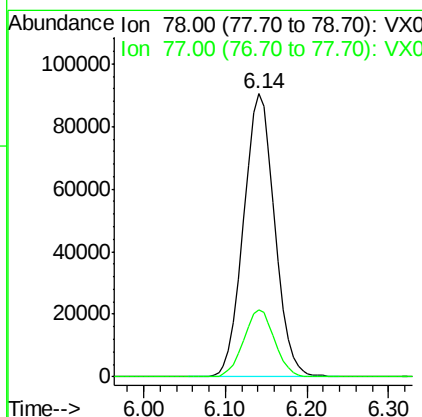
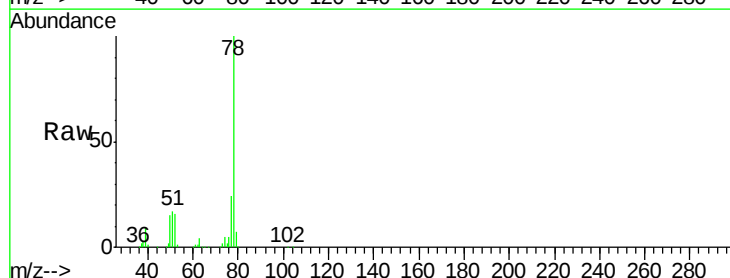
Manual Integrations  
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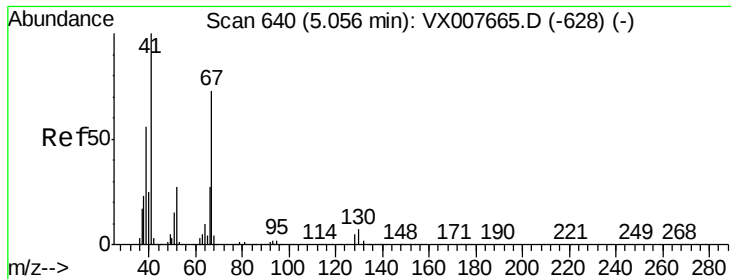
MMDadoda  
3/6/2019 9:49:33 AM



#40  
Benzene  
Concen: 19.439 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.7  | 19.3  | 28.9  |





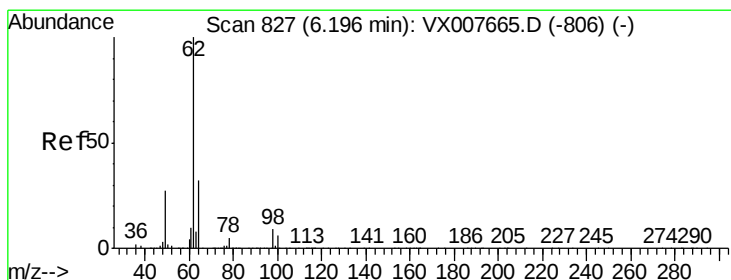
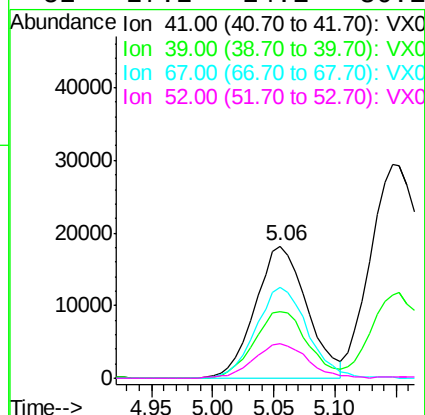
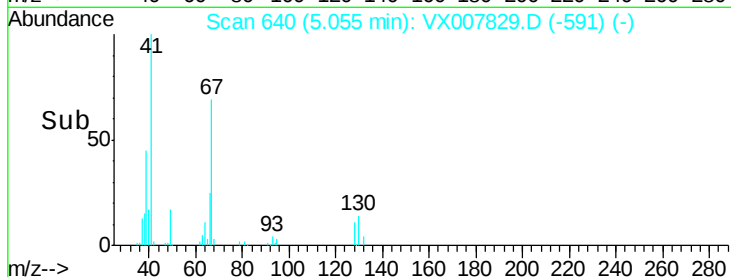
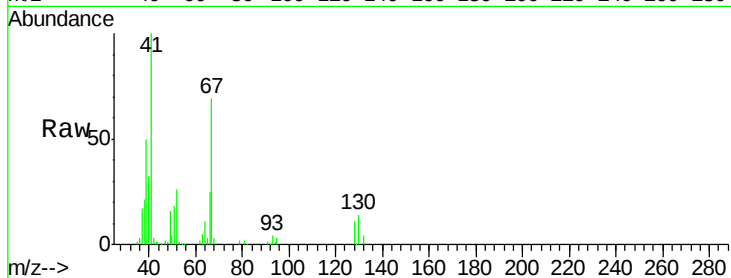
#41  
Methacrylonitrile  
Concen: 22.631 ug/l  
RT: 5.06 min Scan# 640  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 52.4 | 44.5  | 66.7  |       |
| 67      | 68.7 | 60.4  | 90.6  |       |
| 52      | 27.2 | 24.1  | 36.1  |       |

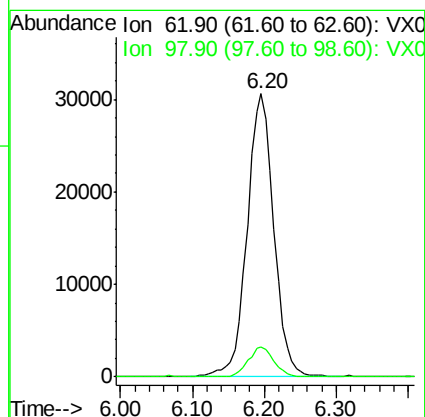
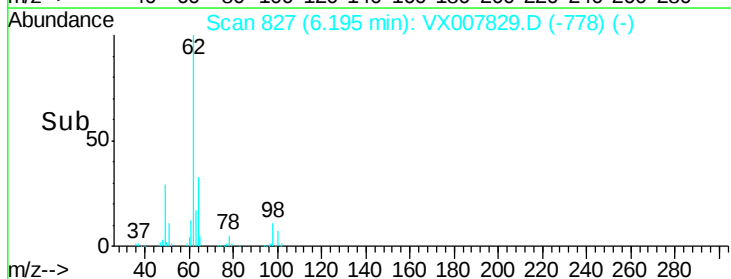
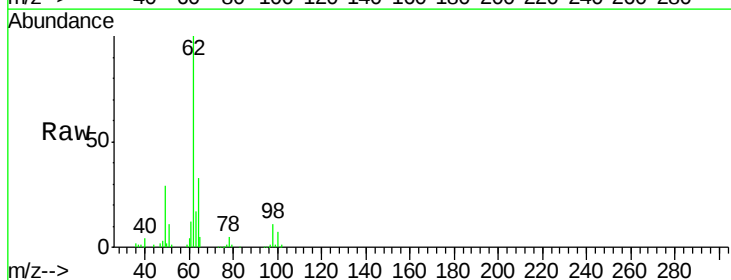
Manual Integrations  
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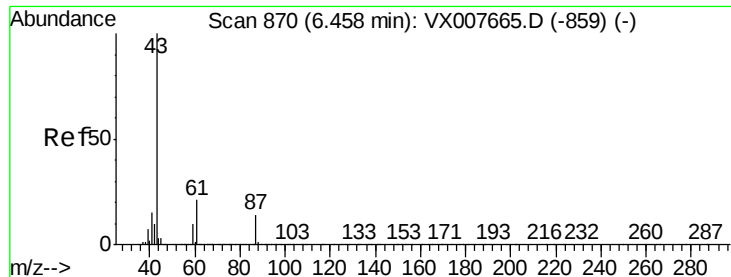
MMDadoda  
3/6/2019 9:49:33 AM



#42  
1,2-Dichloroethane  
Concen: 18.982 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 10.2 | 0.0   | 19.0  |       |





#43

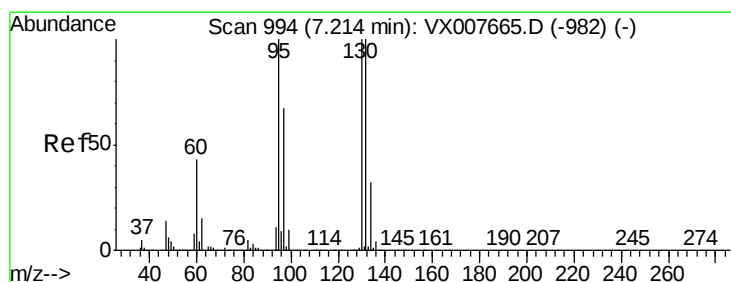
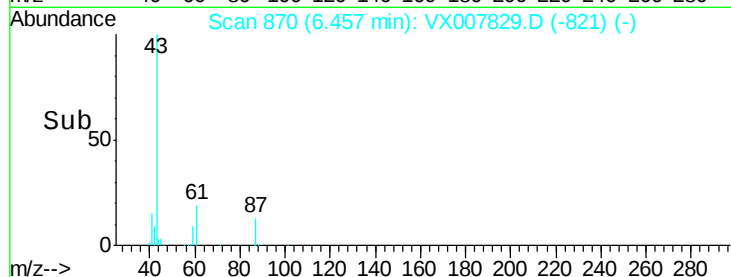
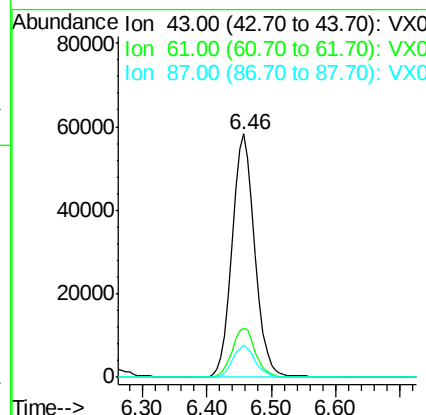
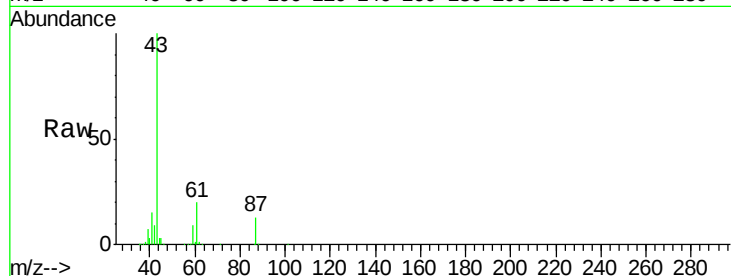
Isopropyl Acetate  
 Concen: 21.050 ug/l  
 RT: 6.46 min Scan# 870  
 Delta R.T. -0.00 min  
 Lab File: VX007829.D  
 Acq: 05 Mar 2019 11:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.7  | 16.1  | 24.1  |
| 87      | 13.0  | 11.5  | 17.3  |

Manual Integrations  
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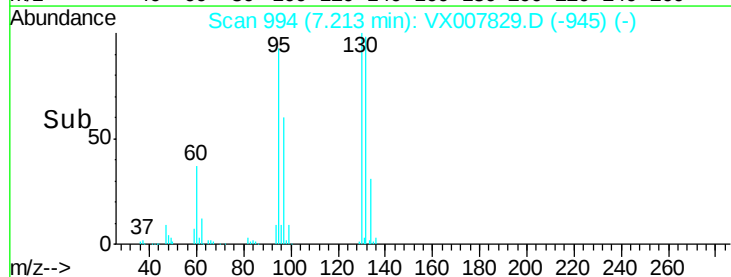
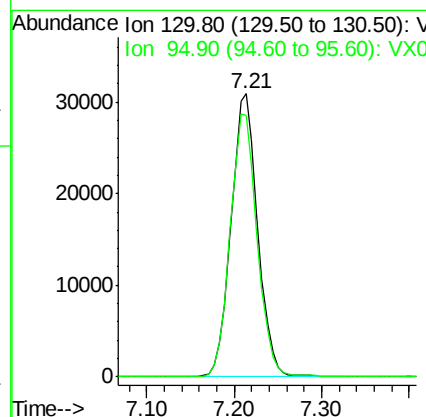
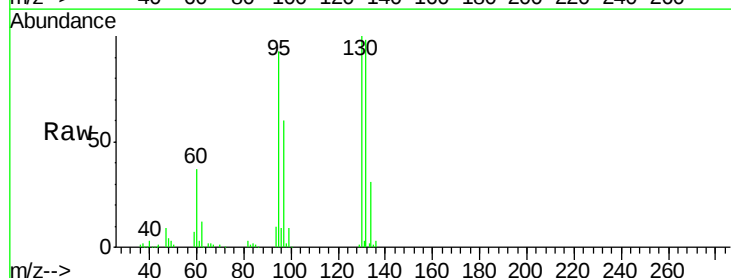
MMDadoda  
 3/6/2019 9:49:33 AM

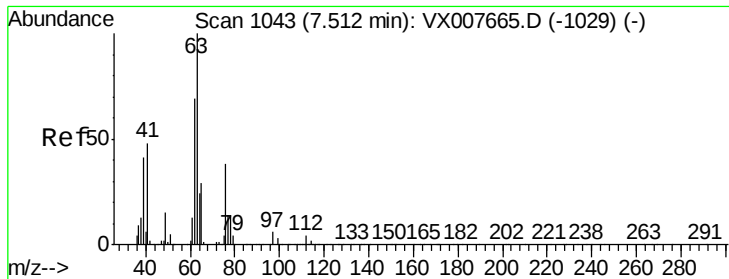


#44

Trichloroethene  
 Concen: 19.236 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VX007829.D  
 Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 92.5  | 0.0   | 180.0 |





#45

1,2-Dichloropropane

Concen: 20.274 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0305WBS01

Tot Ion: 63 Resp: 64876

Ion Ratio Lower Upper

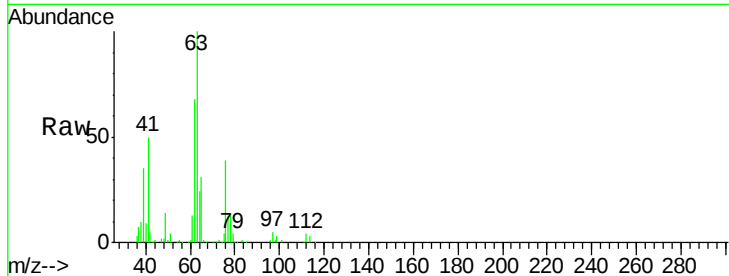
63 100

65 31.2 24.2 36.2

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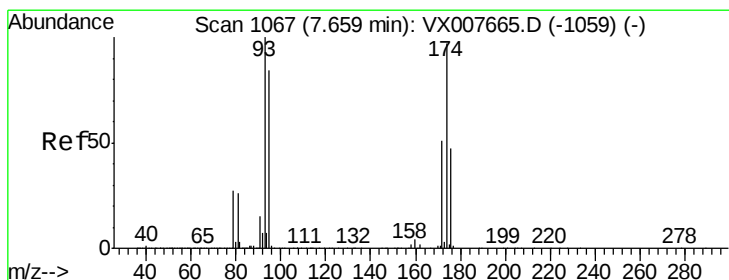
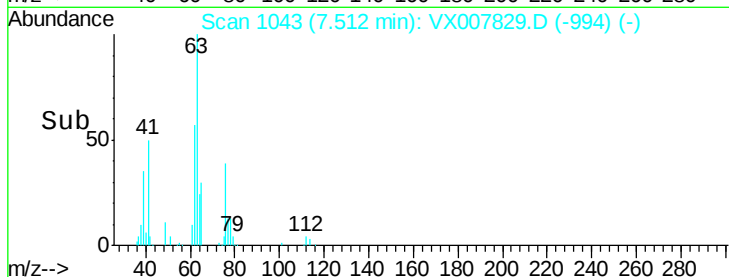
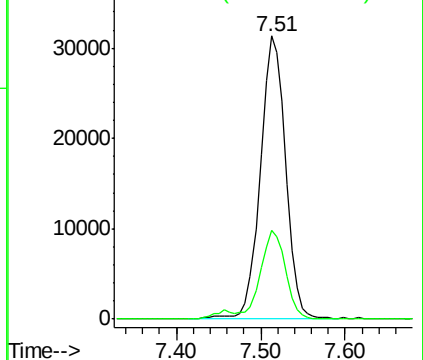
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.052 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

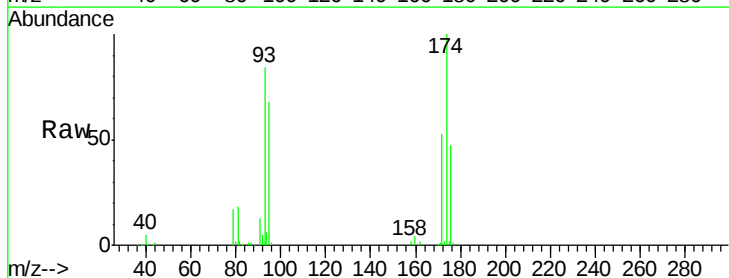
Tgt Ion: 93 Resp: 40300

Ion Ratio Lower Upper

93 100

95 82.9 67.6 101.4

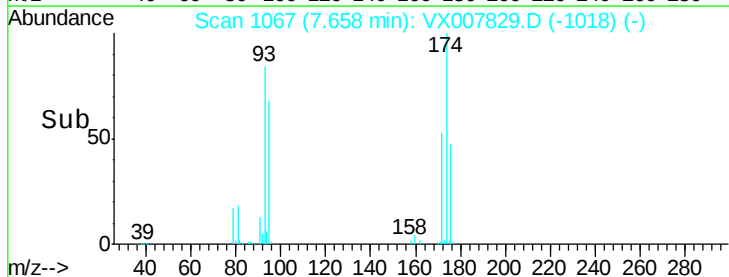
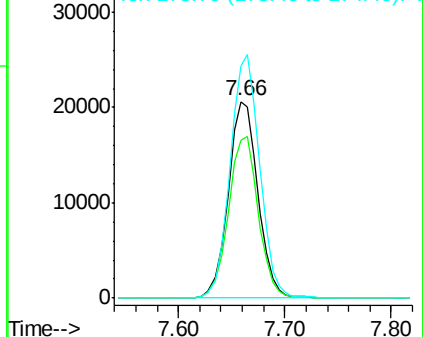
174 123.2 94.2 141.4

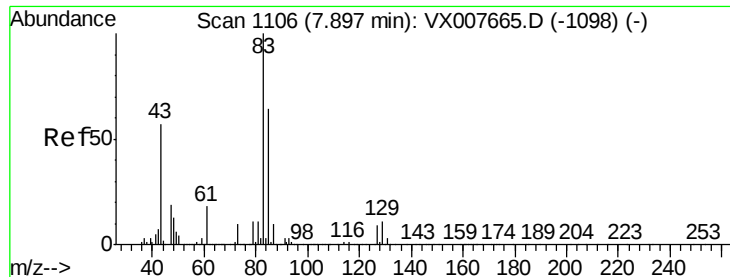


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.972 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

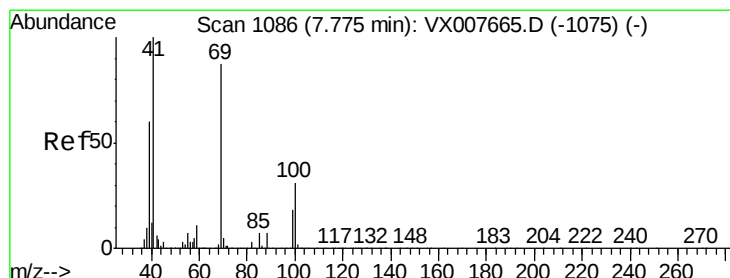
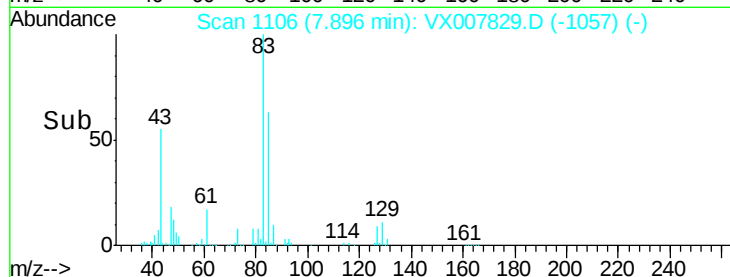
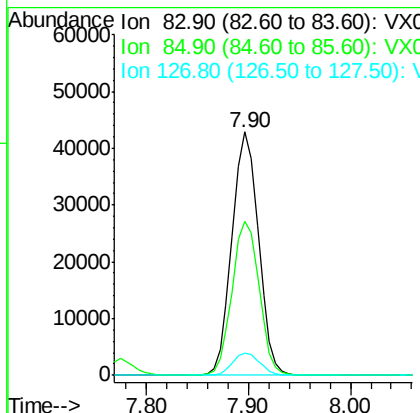
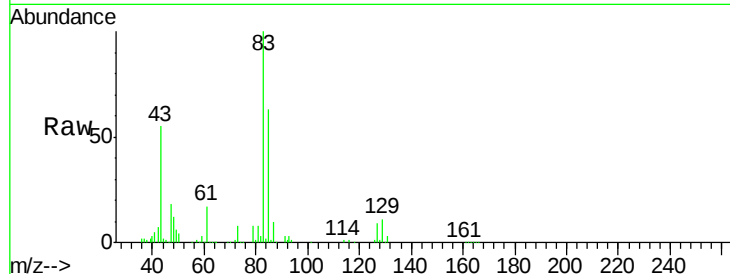
ClientSampleId :

VX0305WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 77263 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.1  | 51.4  | 77.0  |
| 127      | 9.1   | 8.1   | 12.1  |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 21.074 ug/l

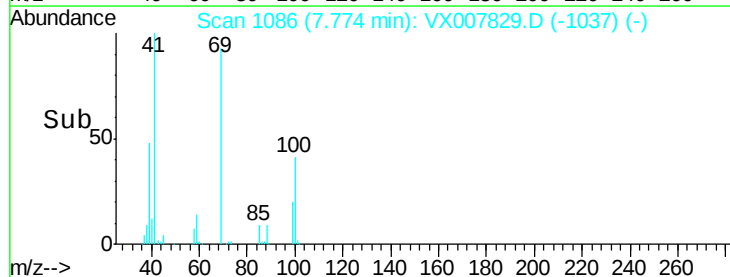
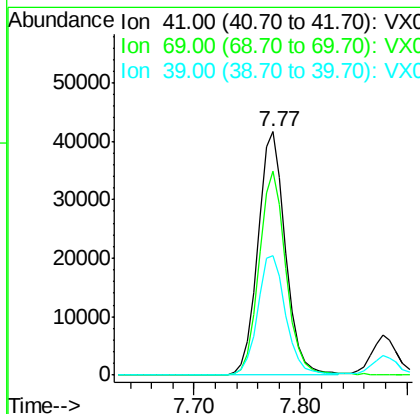
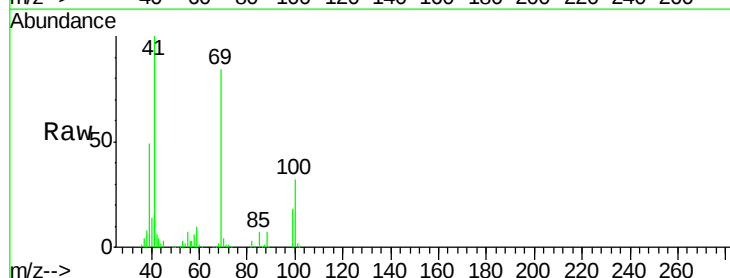
RT: 7.77 min Scan# 1086

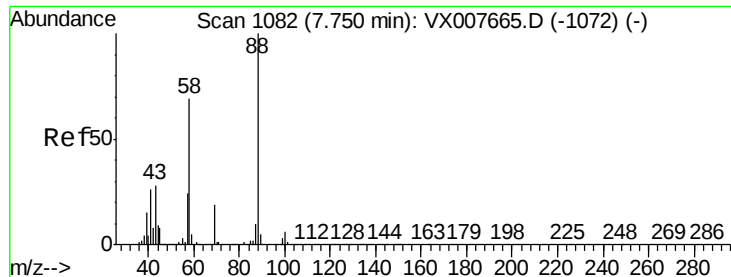
Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 75574 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 81.6  | 70.2  | 105.4 |
| 39       | 50.4  | 47.4  | 71.0  |





#49

1,4-Dioxane

Concen: 394.754 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

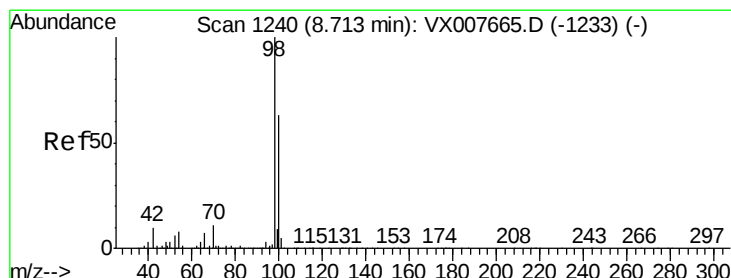
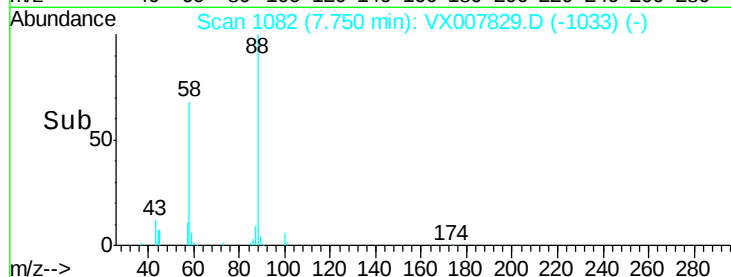
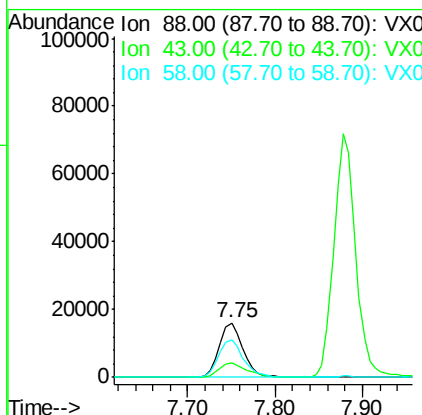
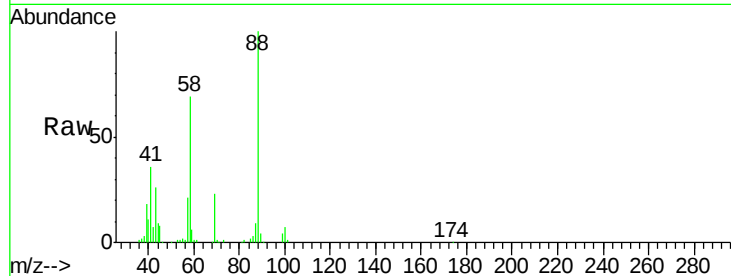
ClientSampleId :

VX0305WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 30576 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 30.5  | 24.2  | 36.4  |
| 58       | 72.3  | 53.0  | 79.4  |

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3/6/2019 9:49:33 AM



#50

Toluene-d8

Concen: 48.993 ug/l

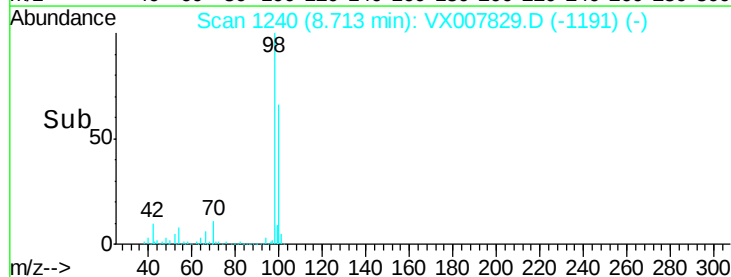
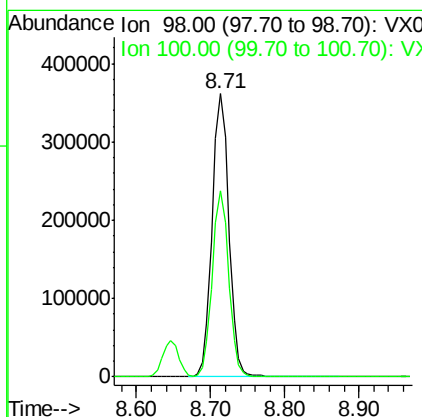
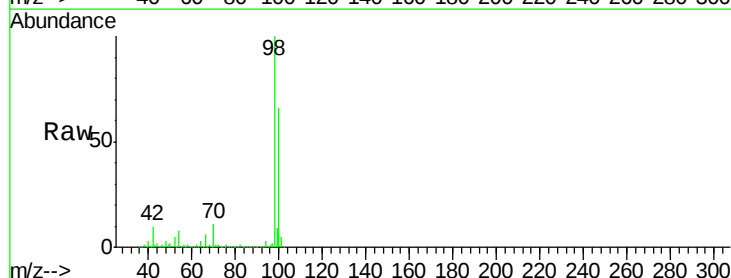
RT: 8.71 min Scan# 1240

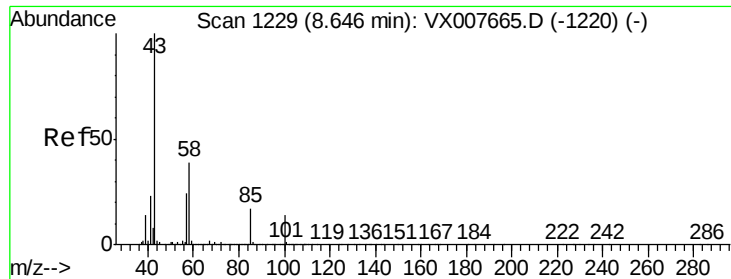
Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 558083 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.9  | 51.6  | 77.4   |





#51

4-Methyl-2-Pentanone

Concen: 104.638 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Tot Ion: 43 Resp: 479193

Ion Ratio Lower Upper

43 100

58 39.2 31.2 46.8

Instrument :

MSVOA\_X

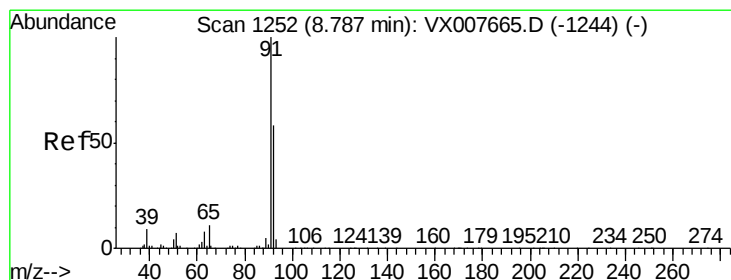
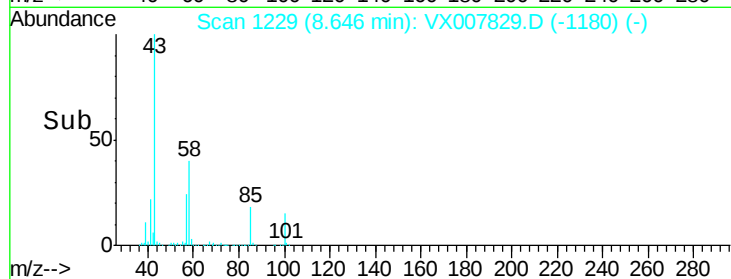
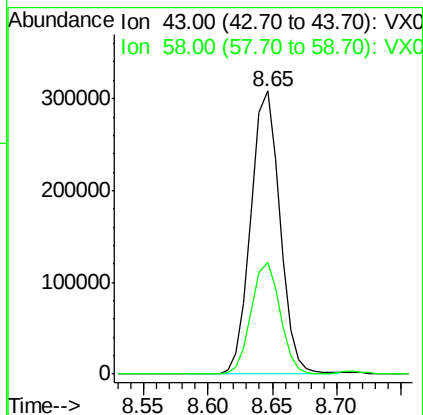
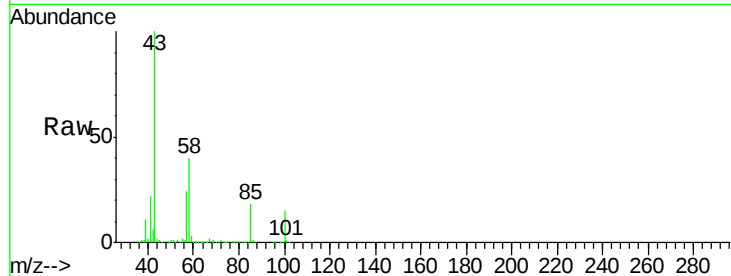
ClientSampleId :

VX0305WBS01

Manual Integrations  
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#52

Toluene

Concen: 19.339 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007829.D

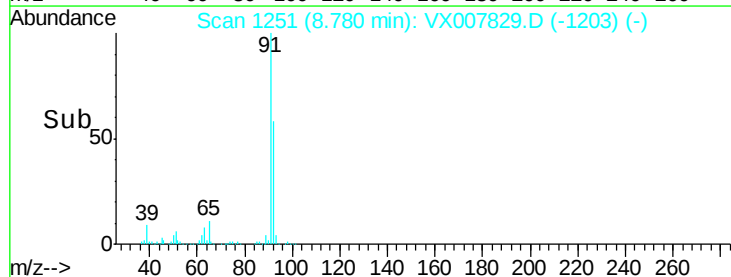
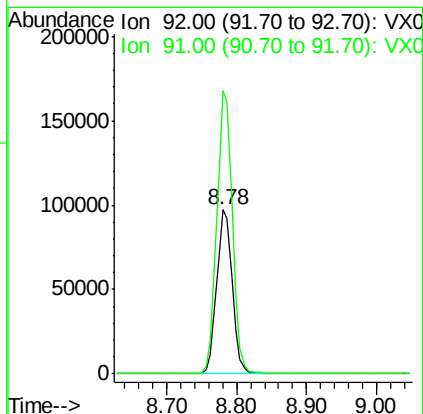
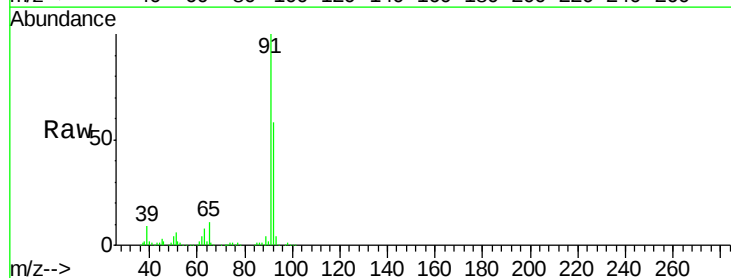
Acq: 05 Mar 2019 11:41

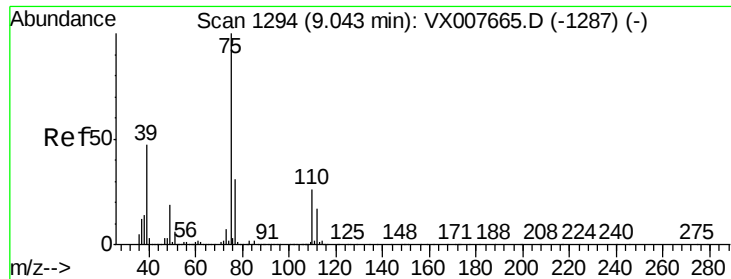
Tgt Ion: 92 Resp: 150642

Ion Ratio Lower Upper

92 100

91 173.1 139.1 208.7





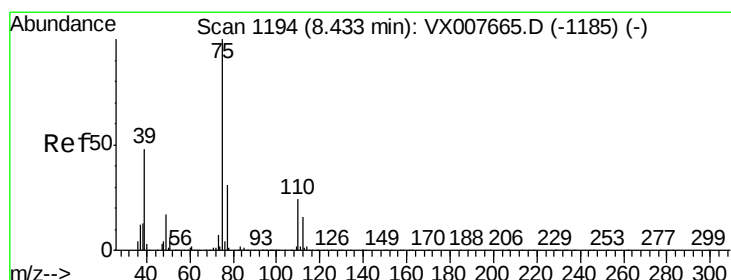
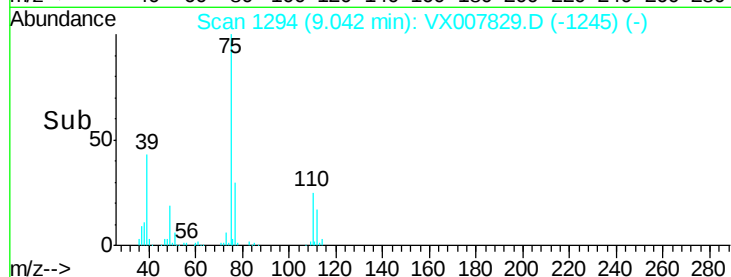
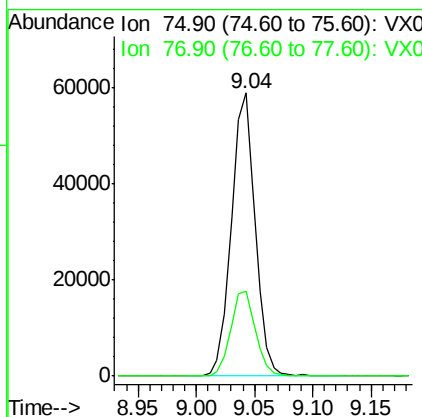
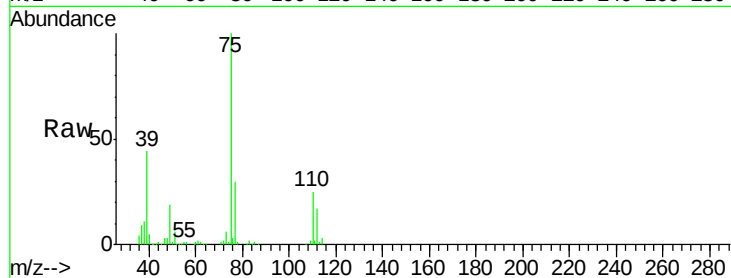
#53  
t-1,3-Dichloropropene  
Concen: 19.275 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.2  | 25.2  | 37.8  |

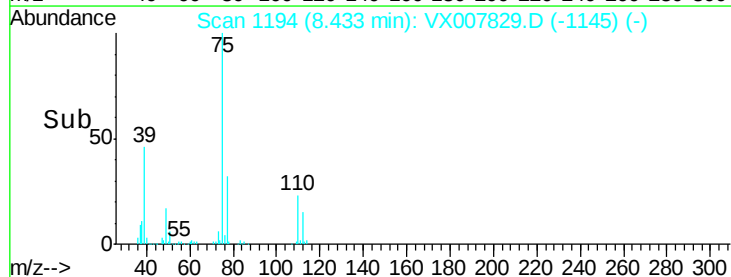
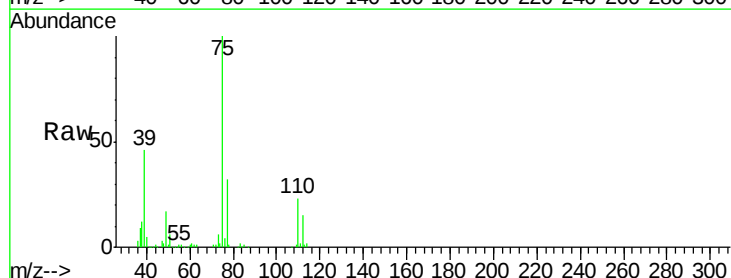
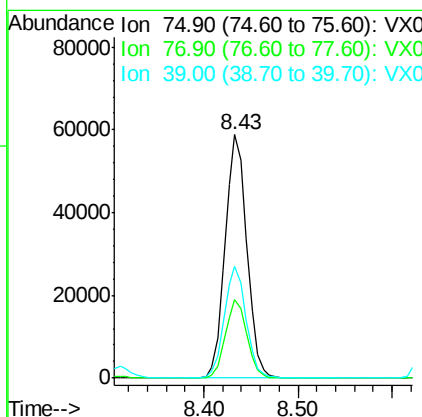
Manual Integrations  
APPROVED

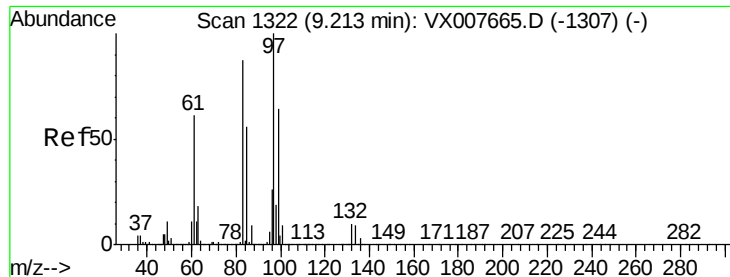
MMDadoda  
3/6/2019 9:49:33 AM



#54  
cis-1,3-Dichloropropene  
Concen: 20.030 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.3  | 26.2  | 39.4  |
| 39      | 45.7  | 37.1  | 55.7  |





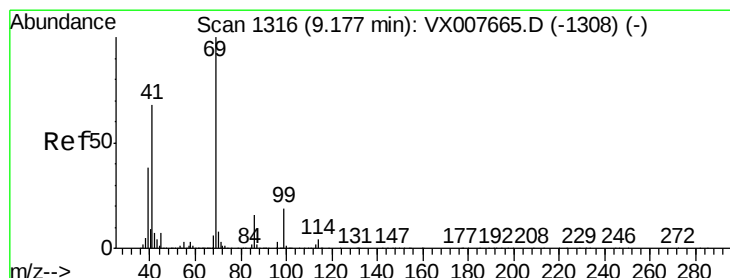
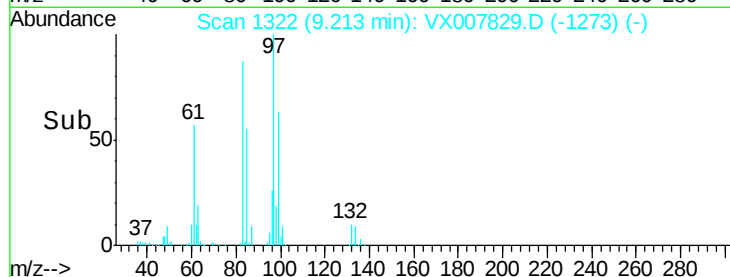
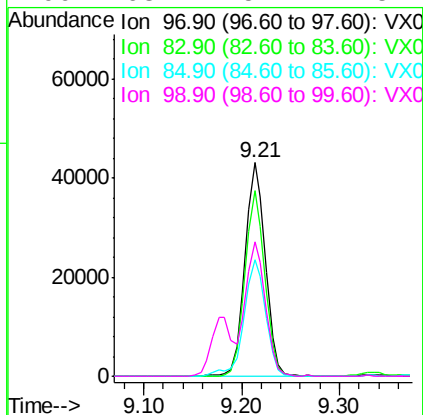
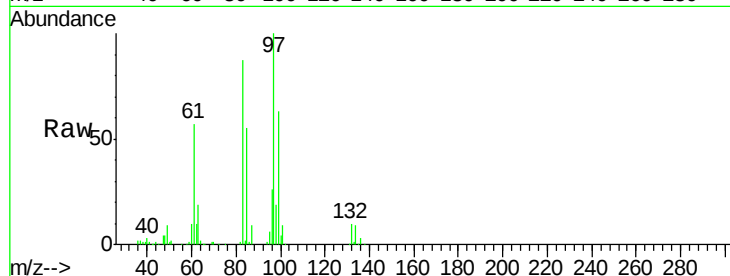
#55  
 1,1,2-Trichloroethane  
 Concen: 19.224 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX007829.D  
 Acq: 05 Mar 2019 11:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0305WBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 62446 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.6  | 68.6  | 102.8 |
| 85       | 54.6  | 44.5  | 66.7  |
| 99       | 63.1  | 52.2  | 78.4  |

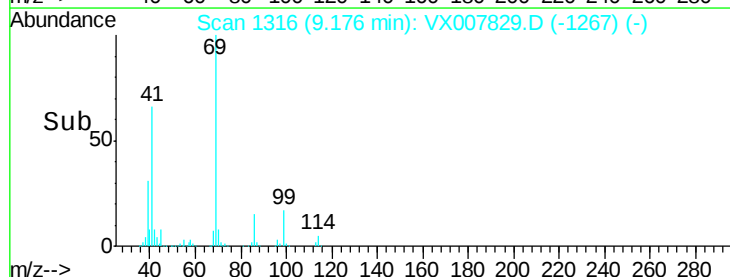
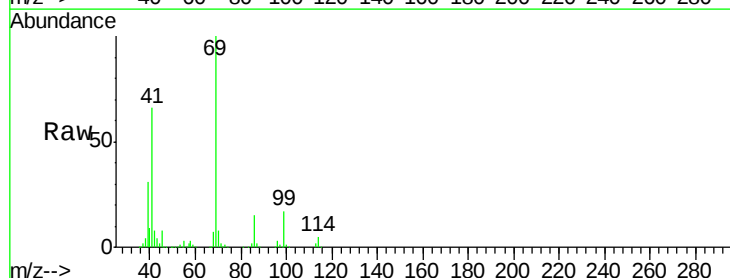
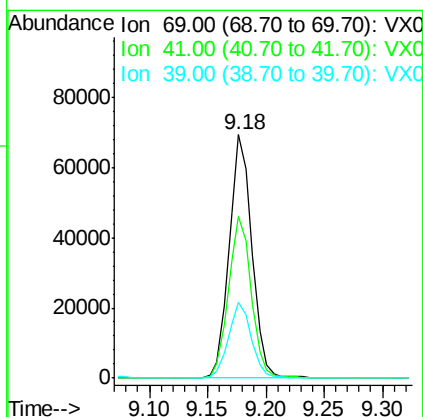
Manual Integrations  
 APPROVED

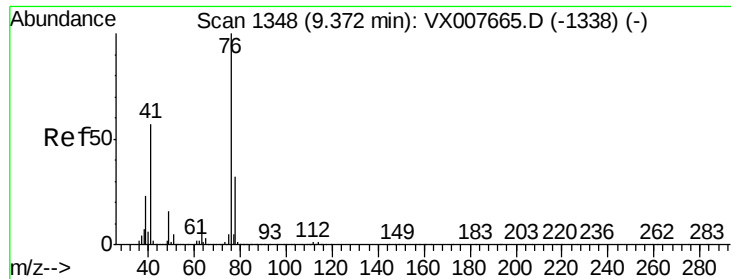
MMDadoda  
 3/6/2019 9:49:33 AM



#56  
 Ethyl methacrylate  
 Concen: 20.409 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX007829.D  
 Acq: 05 Mar 2019 11:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 94275 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 66.2  | 52.1  | 78.1  |
| 39       | 31.2  | 30.1  | 45.1  |





#57

1,3-Dichloropropane

Concen: 19.810 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

ClientSampleId :

VX0305WBS01

Tot Ion: 76 Resp: 103007

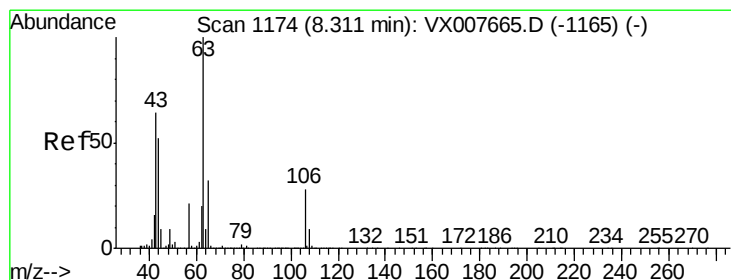
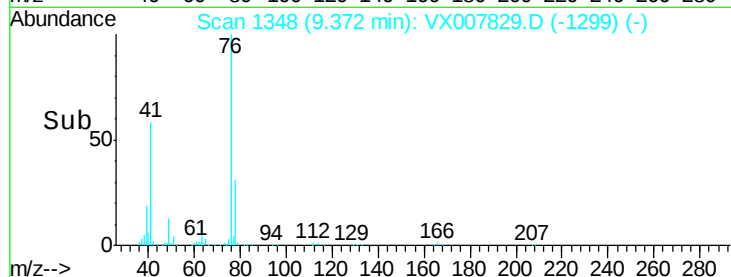
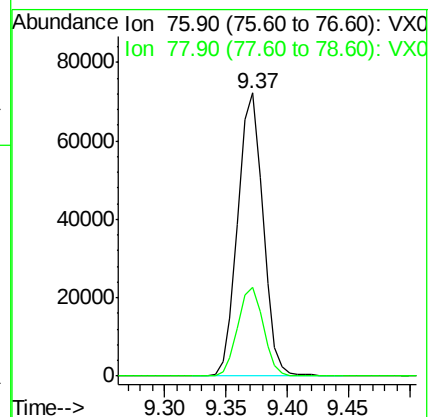
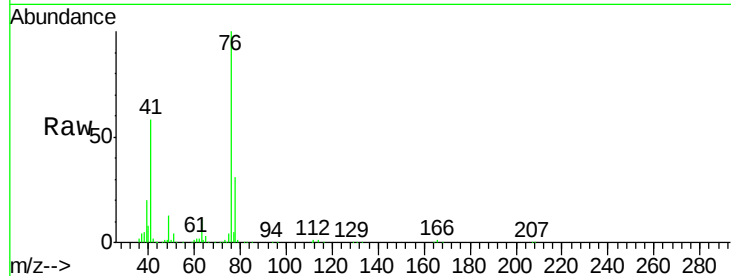
Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8

Manual Integrations  
APPROVED

MMDadoda  
3/6/2019 9:49:33 AM



#58

2-Chloroethyl Vinyl ether

Concen: 96.283 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007829.D

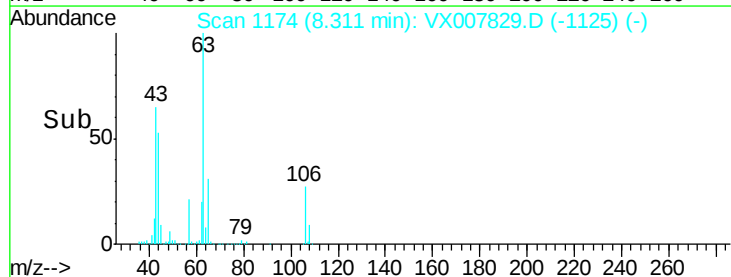
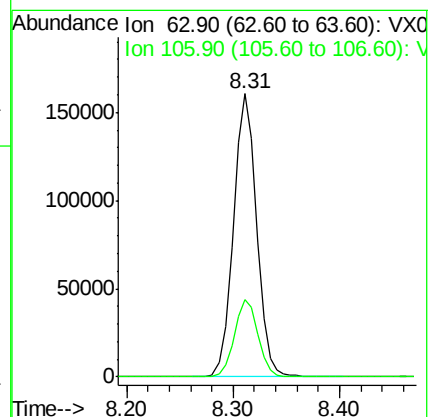
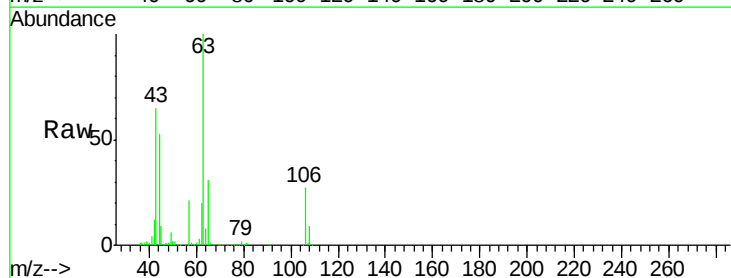
Acq: 05 Mar 2019 11:41

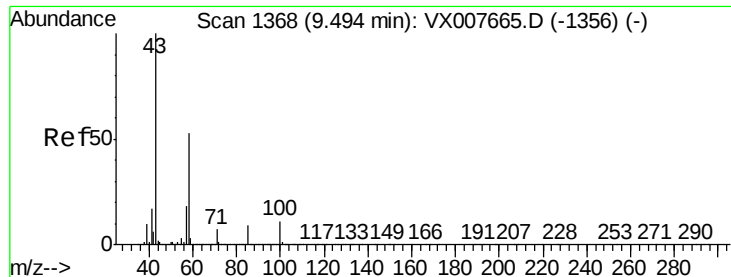
Tgt Ion: 63 Resp: 245266

Ion Ratio Lower Upper

63 100

106 27.7 23.6 35.4





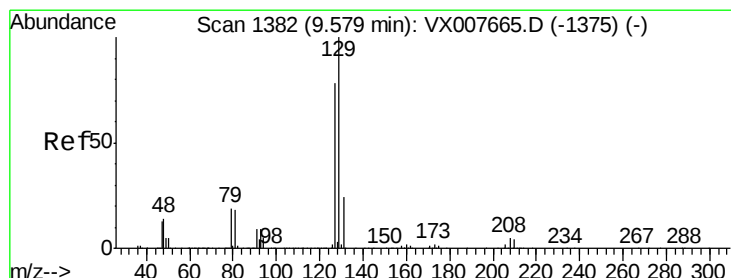
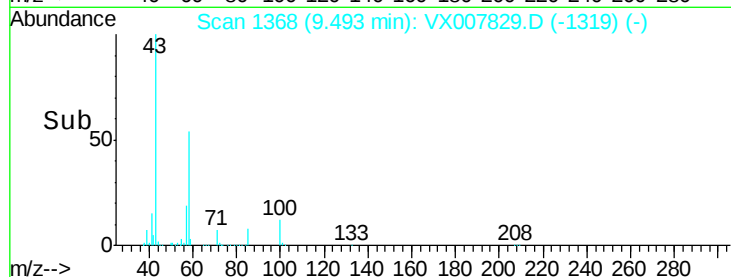
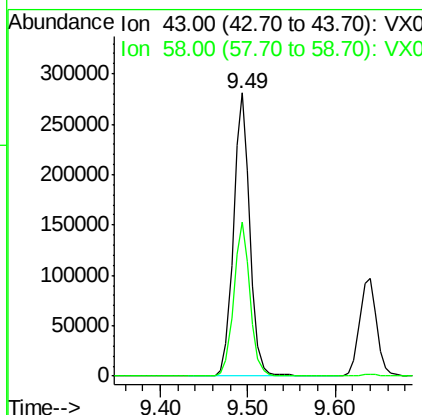
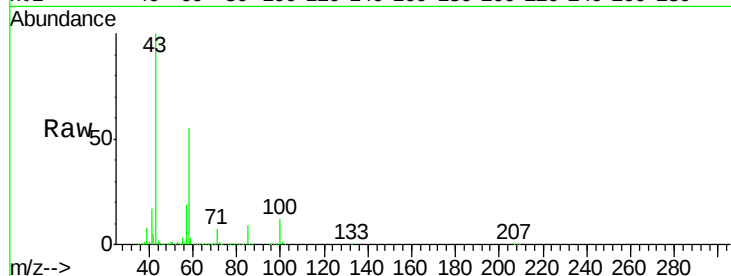
#59  
2-Hexanone  
Concen: 102.114 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 54.3  | 27.1  | 81.3  |

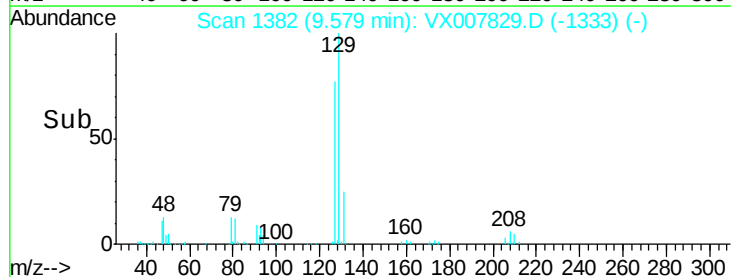
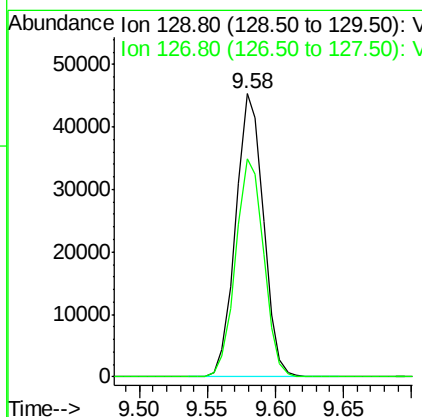
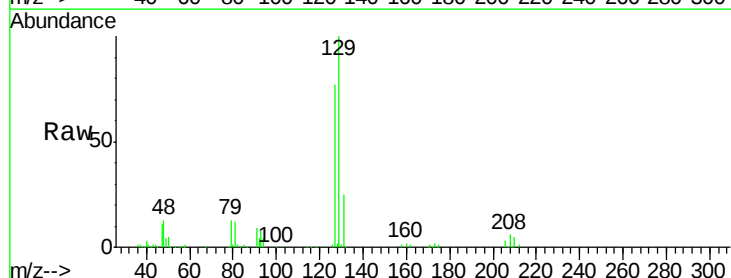
Manual Integrations  
APPROVED

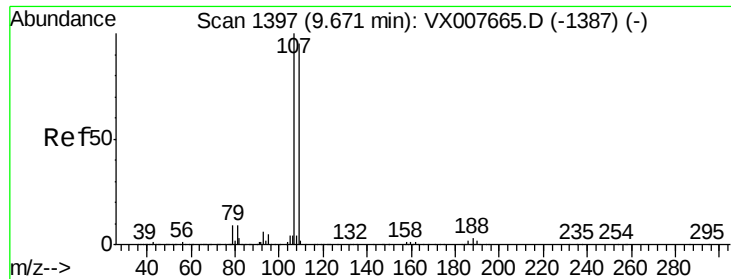
MMDadoda  
3/6/2019 9:49:33 AM



#60  
Dibromochloromethane  
Concen: 20.623 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 77.9  | 37.8  | 113.4 |





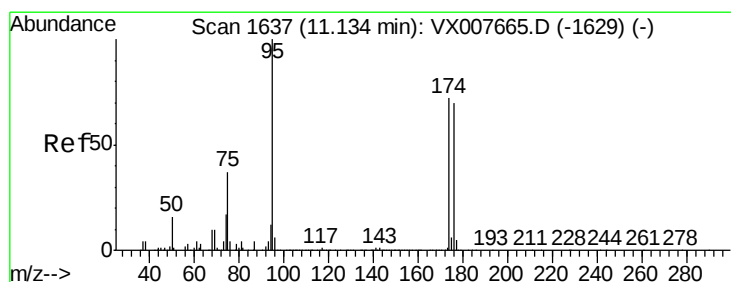
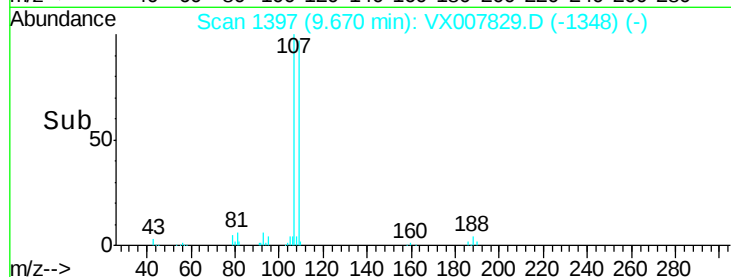
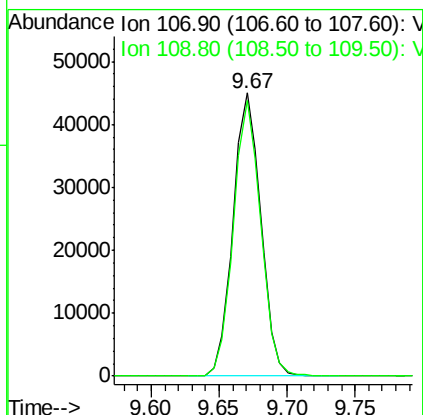
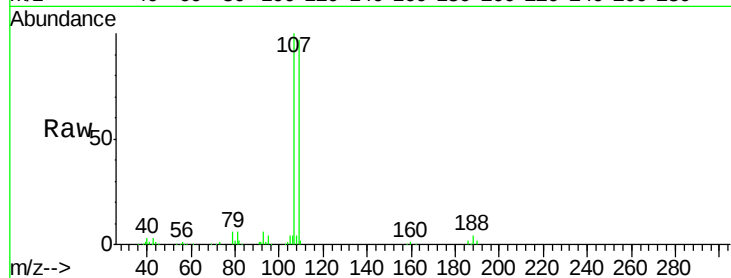
#61  
 1,2-Dibromoethane  
 Concen: 18.993 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. -0.00 min  
 Lab File: VX007829.D  
 Acq: 05 Mar 2019 11:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 96.0  | 75.1  | 112.7 |

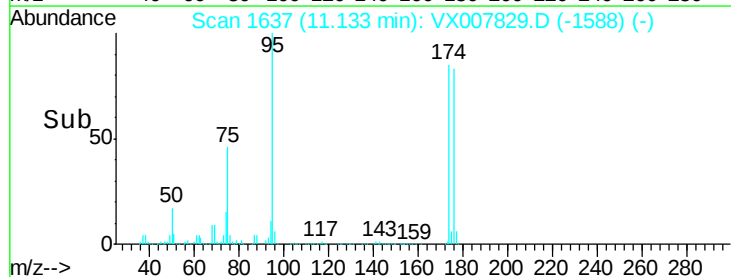
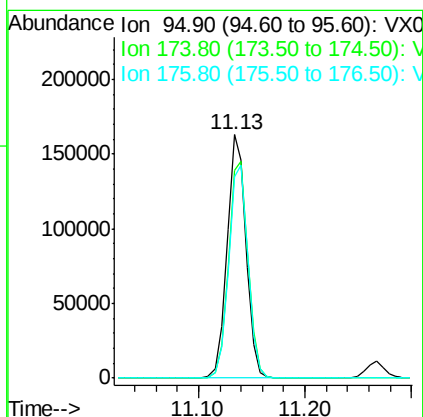
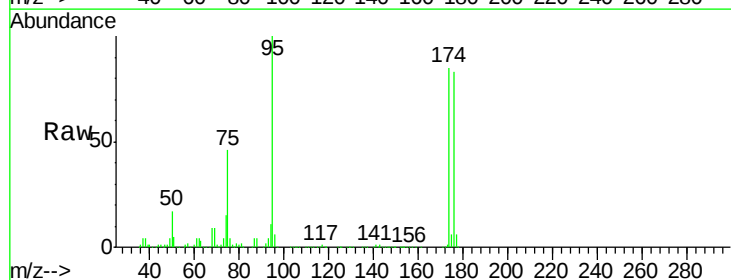
Manual Integrations  
 APPROVED

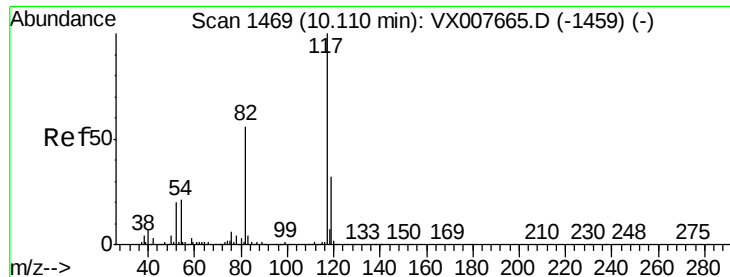
MMDadoda  
 3/6/2019 9:49:33 AM



#62  
 4-Bromofluorobenzene  
 Concen: 48.490 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. -0.00 min  
 Lab File: VX007829.D  
 Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 91.7  | 0.0   | 189.2 |
| 176     | 89.7  | 0.0   | 186.2 |





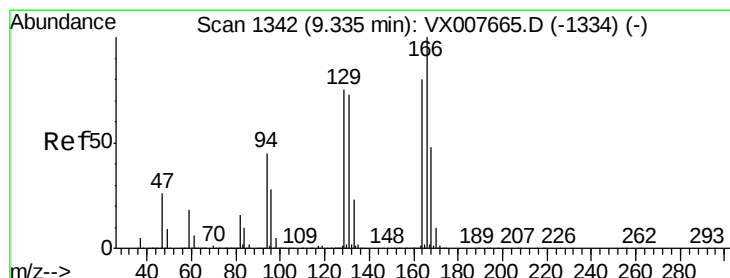
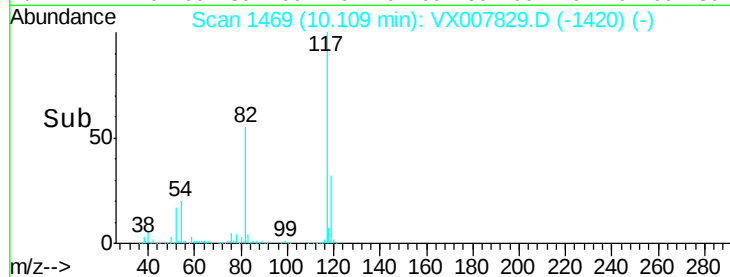
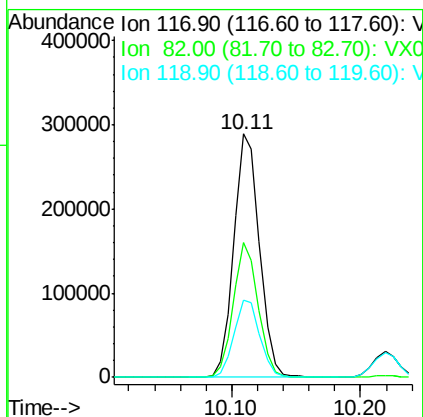
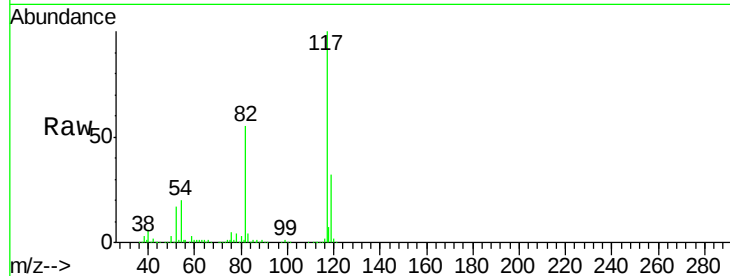
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 117     | 100   |            |       |
| 82      | 55.2  | 42.1       | 63.1  |
| 119     | 32.0  | 26.5       | 39.7  |

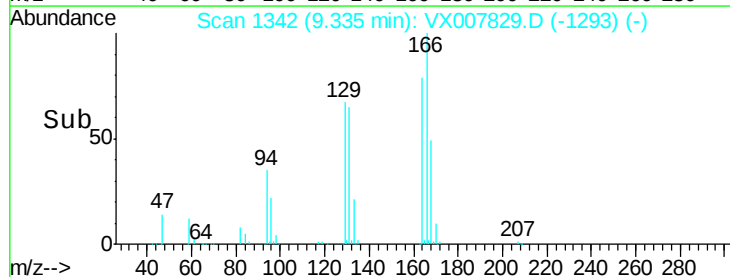
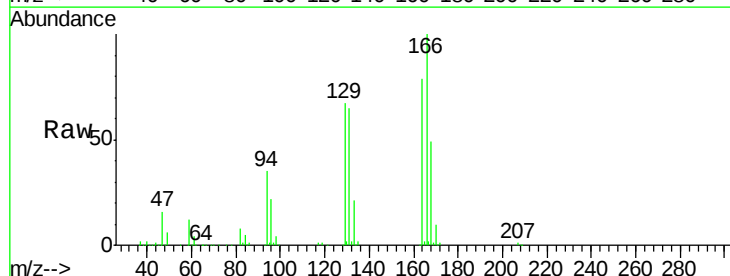
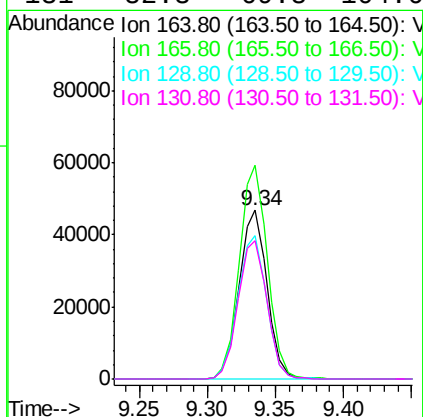
Manual Integrations  
APPROVED

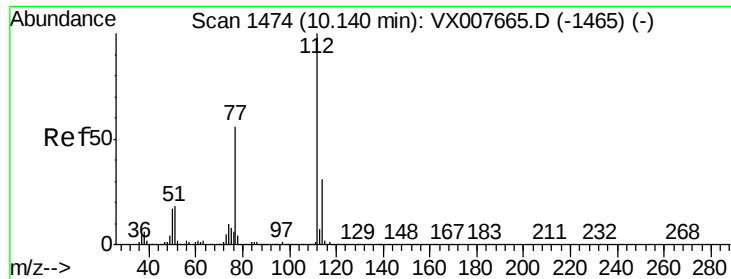
MMDadoda  
3/6/2019 9:49:33 AM



#64  
Tetrachloroethene  
Concen: 20.613 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 164     | 100   |            |       |
| 166     | 126.8 | 101.0      | 151.4 |
| 129     | 85.5  | 70.5       | 105.7 |
| 131     | 82.3  | 69.8       | 104.6 |





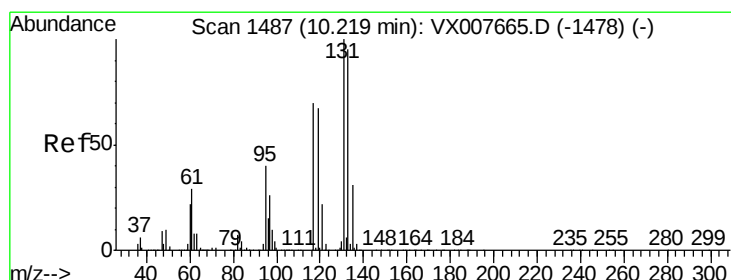
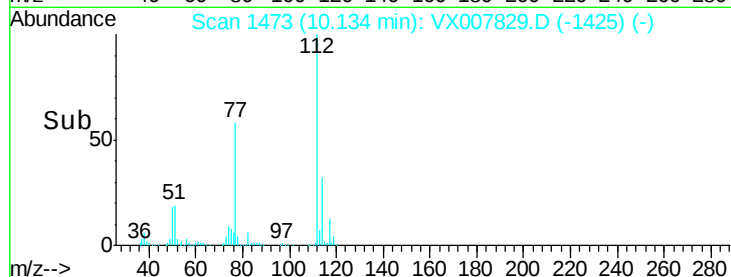
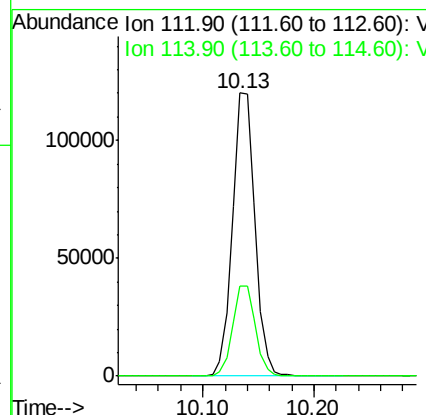
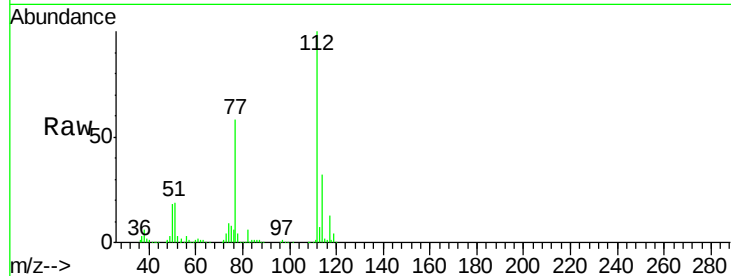
#65  
Chlorobenzene  
Concen: 19.476 ug/l  
RT: 10.13 min Scan# 1473  
Delta R.T. -0.01 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.7  | 25.8  | 38.6  |

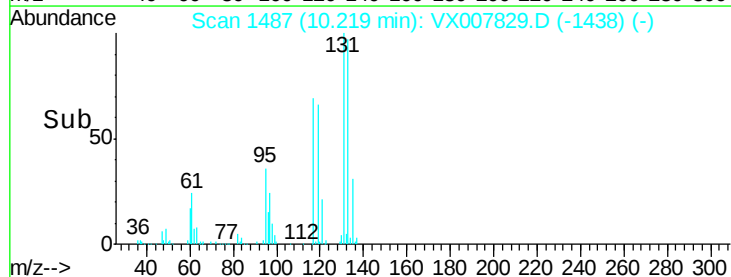
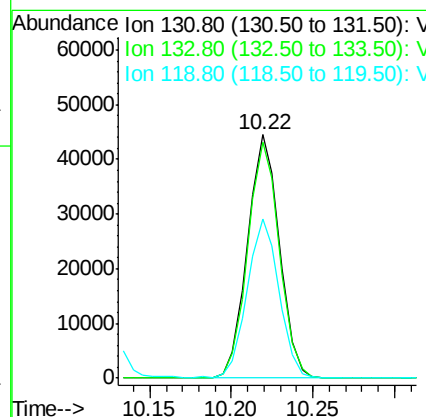
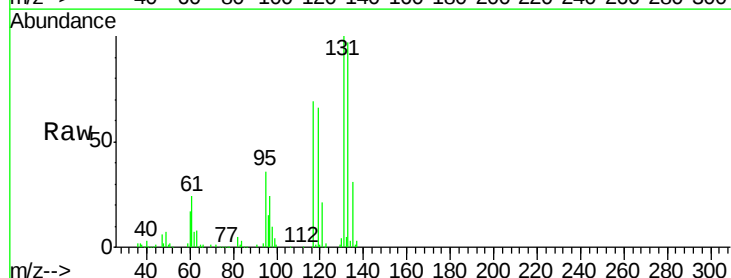
Manual Integrations  
APPROVED

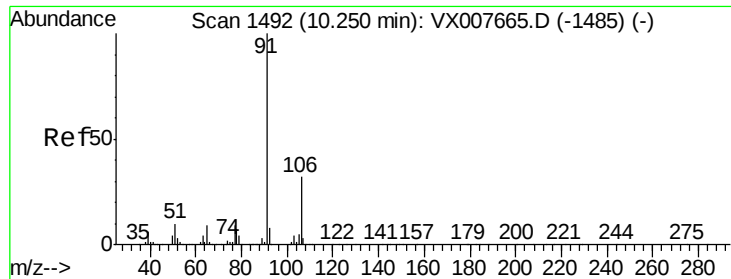
MMDadoda  
3/6/2019 9:49:33 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.080 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 96.4  | 48.0  | 144.2 |
| 119     | 65.6  | 32.0  | 96.0  |





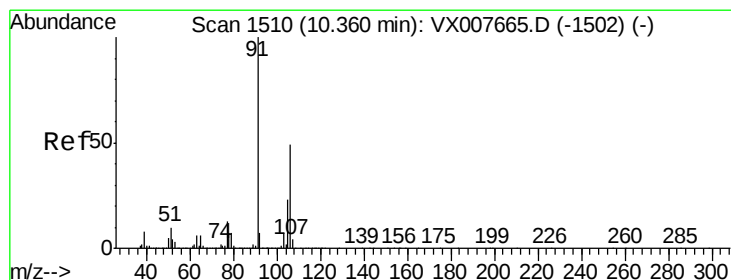
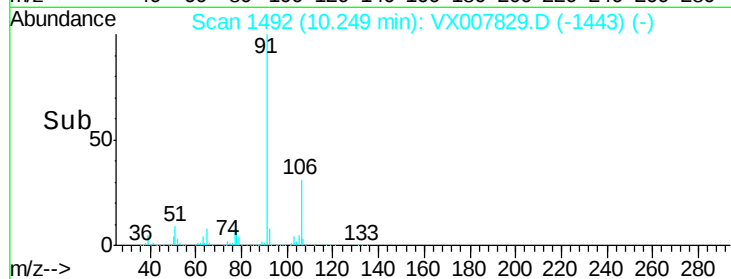
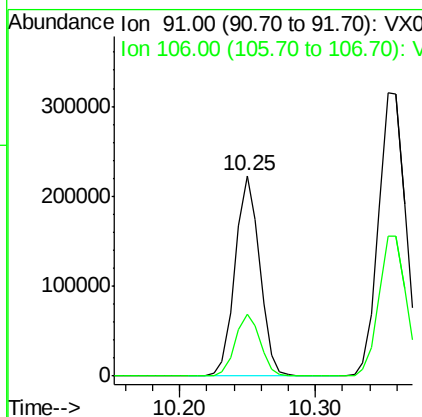
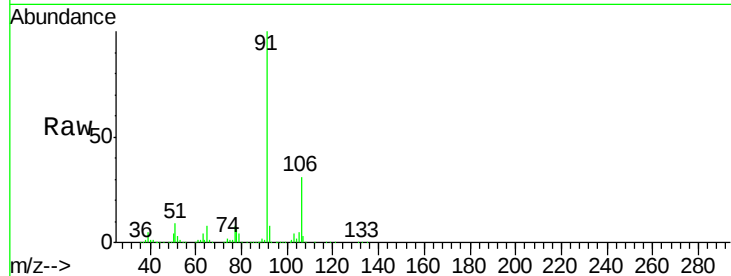
#67  
Ethyl Benzene  
Concen: 19.598 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 106     | 31.2 | 25.4  | 38.0  |       |

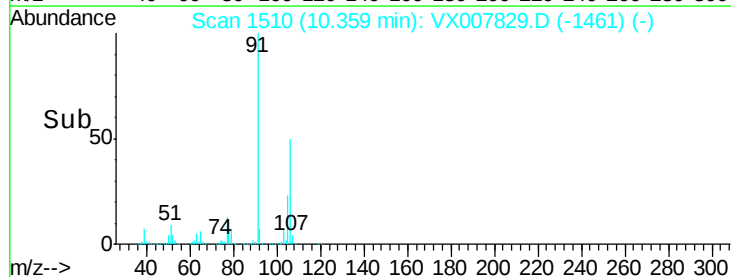
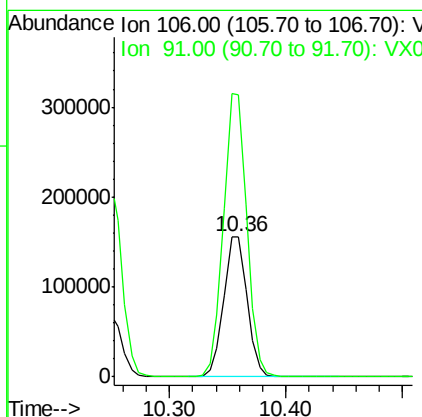
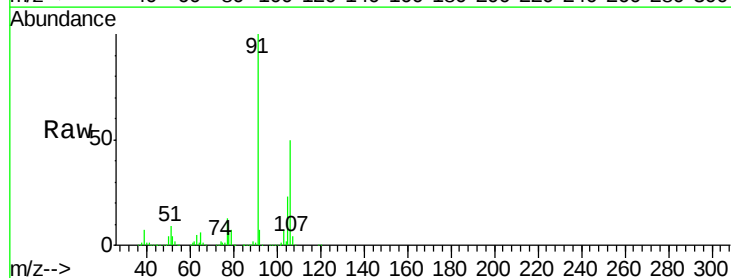
Manual Integrations  
APPROVED

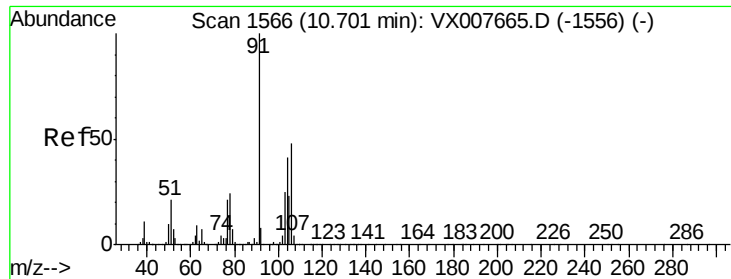
MMDadoda  
3/6/2019 9:49:33 AM



#68  
m/p-Xylenes  
Concen: 38.892 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |
| 91      | 201.3 | 156.6 | 234.8 |       |





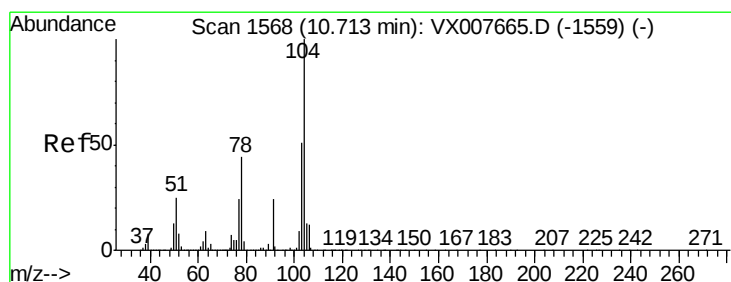
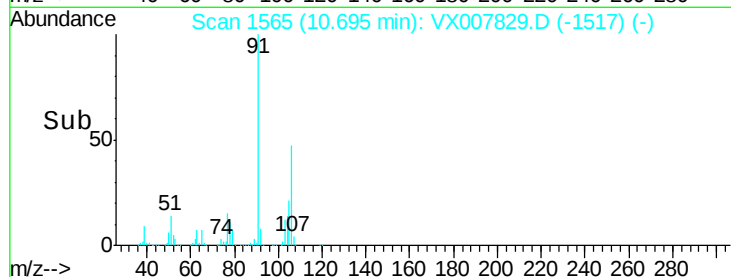
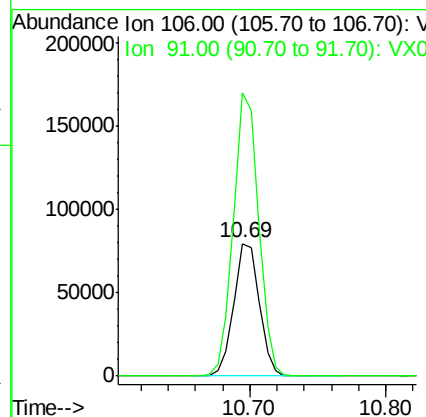
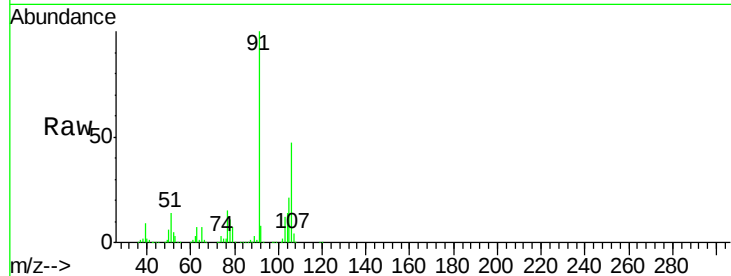
#69  
o-Xylene  
Concen: 19.507 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 211.5 | 102.9 | 308.7 |

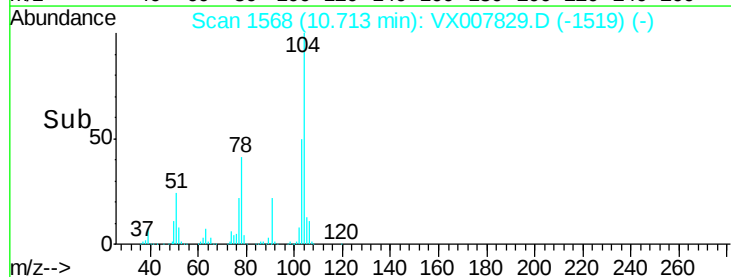
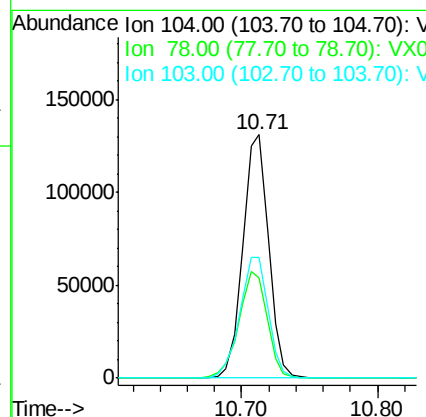
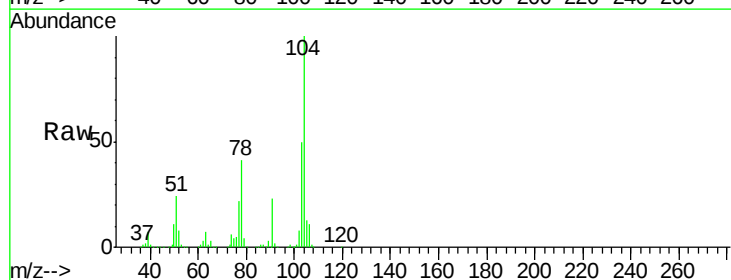
Manual Integrations  
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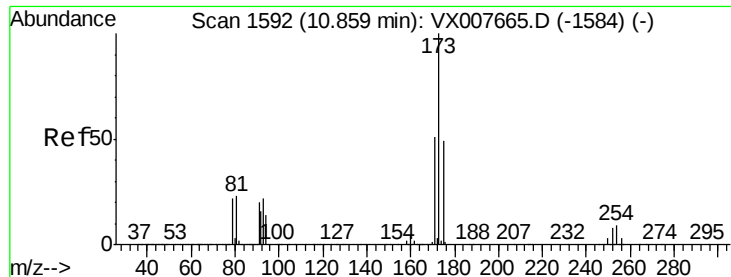
MMDadoda  
3/6/2019 9:49:33 AM



#70  
Styrene  
Concen: 19.594 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 48.1  | 38.3  | 57.5  |
| 103     | 55.4  | 44.6  | 67.0  |





#71

Bromoform

Concen: 22.745 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

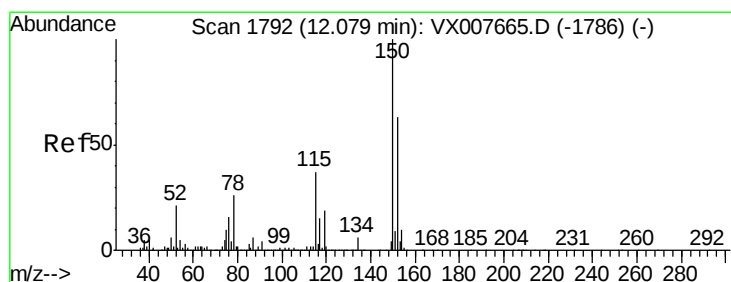
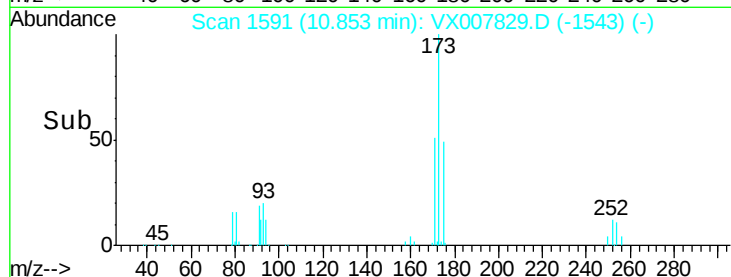
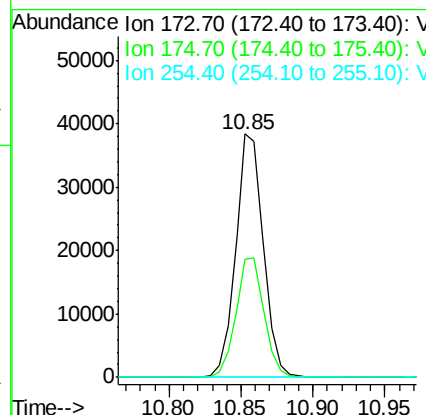
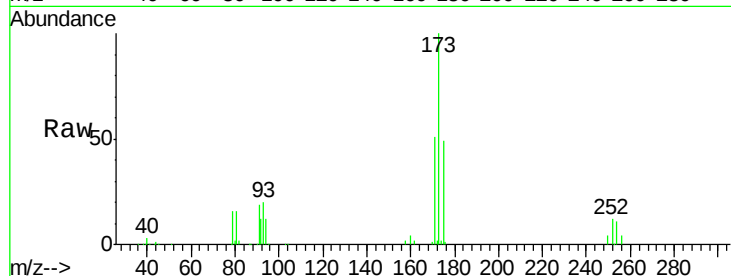
ClientSampled :

VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.9  | 24.2  | 72.6  |
| 254     | 0.1   | 0.2   | 0.2   |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

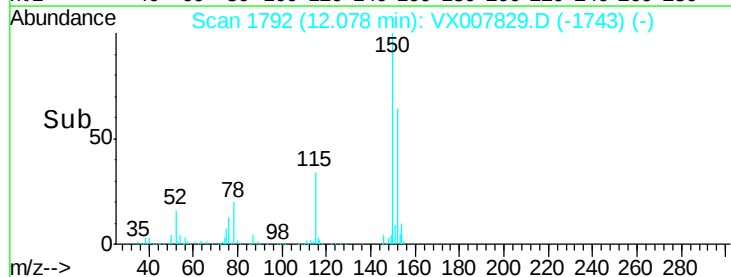
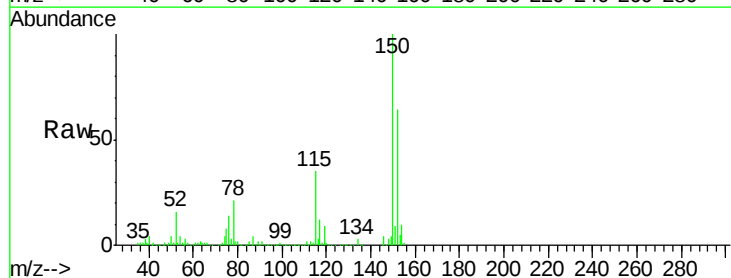
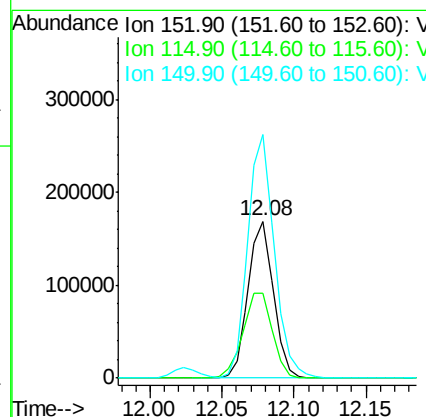
RT: 12.08 min Scan# 1792

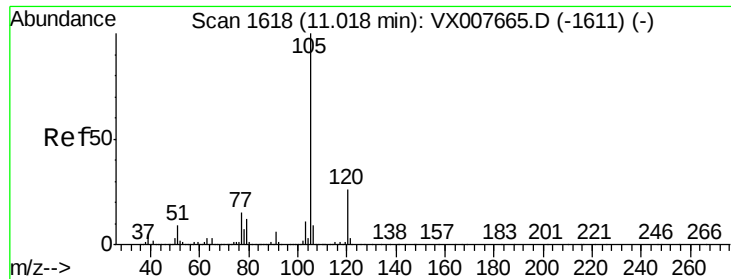
Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 63.6  | 38.0  | 114.0 |
| 150     | 162.7 | 0.0   | 346.4 |





#73

Isopropylbenzene

Concen: 19.298 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

ClientSampled :

VX0305WBS01

Tot Ion:105 Resp: 283743

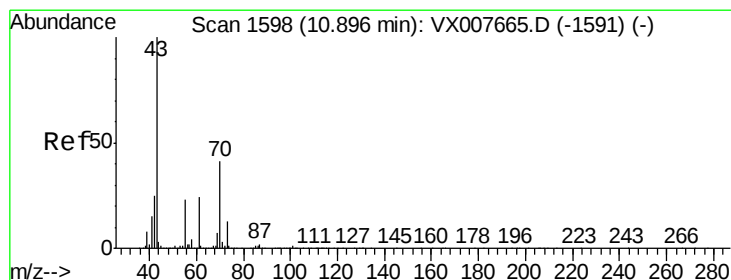
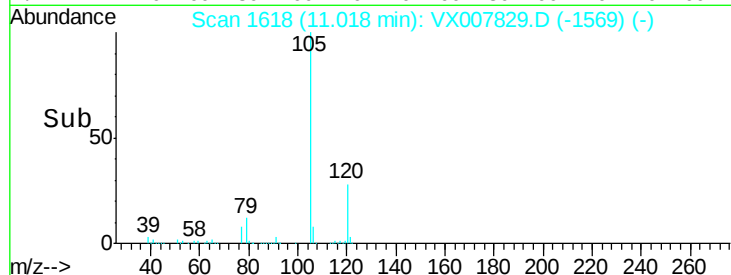
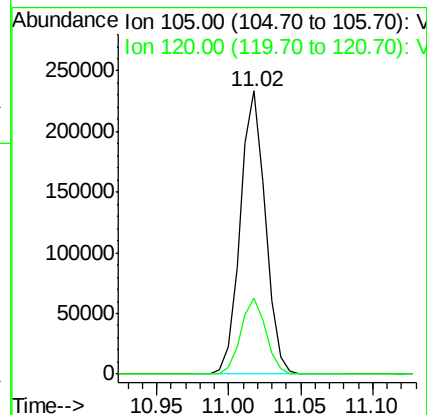
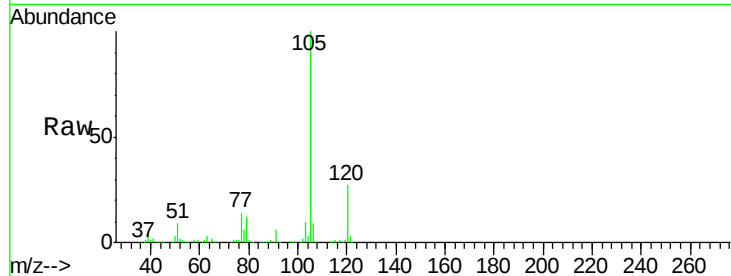
Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.7

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#74

N-ethyl acetate

Concen: 19.373 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Tgt Ion: 43 Resp: 123695

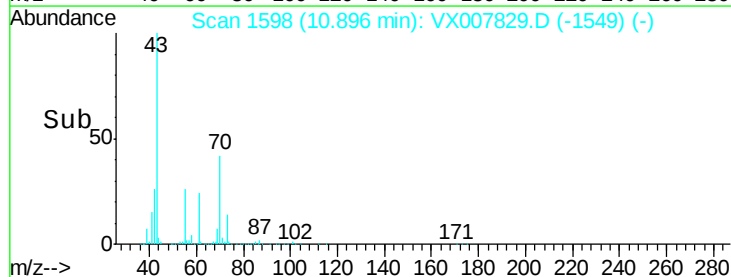
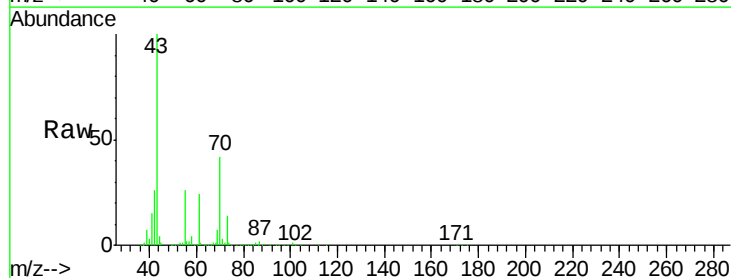
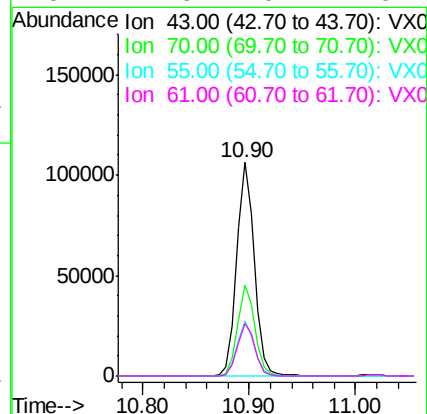
Ion Ratio Lower Upper

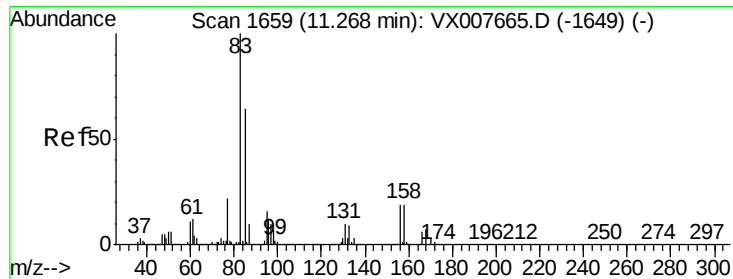
43 100

70 41.9 33.8 50.6

55 25.5 19.5 29.3

61 24.6 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.202 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

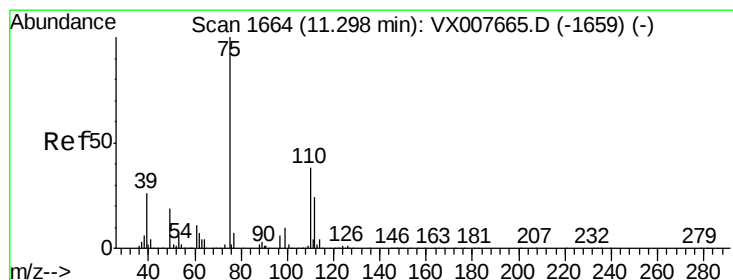
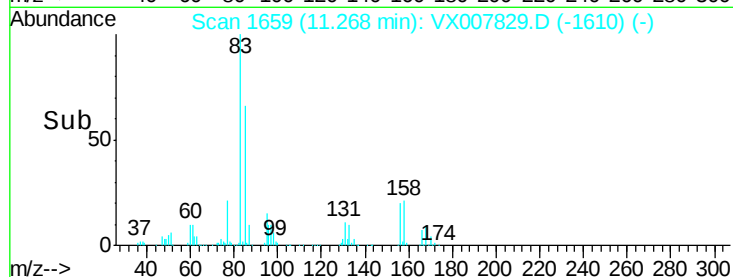
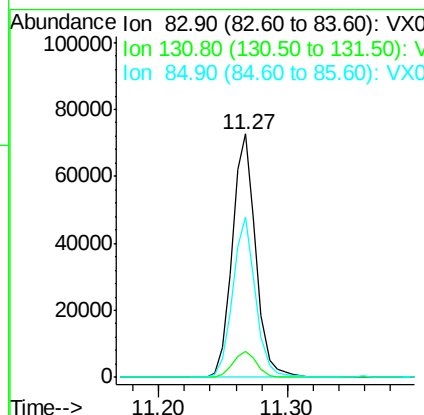
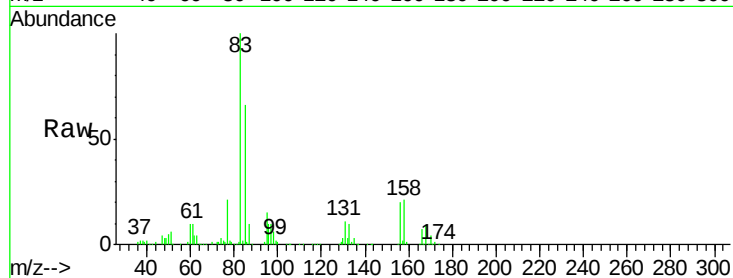
ClientSampleId :

VX0305WBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 92561 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.8  | 5.7   | 17.0  |
| 85        | 64.3  | 32.8  | 98.3  |

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#76

1,2,3-Trichloropropane

Concen: 17.677 ug/l m

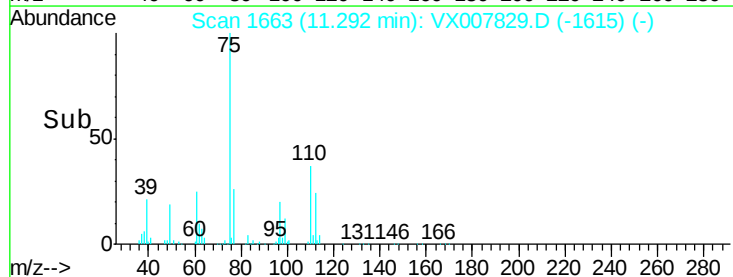
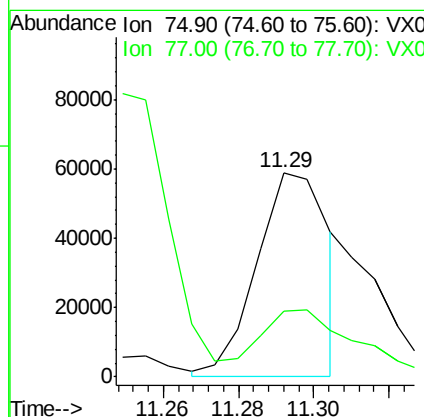
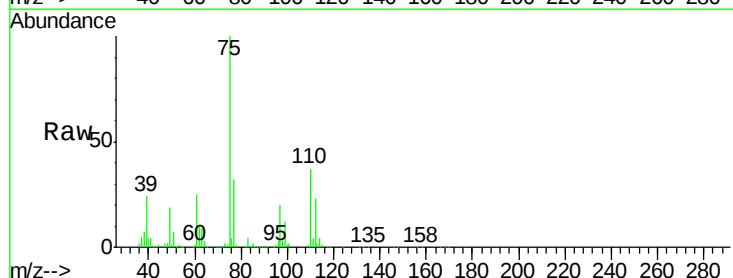
RT: 11.29 min Scan# 1663

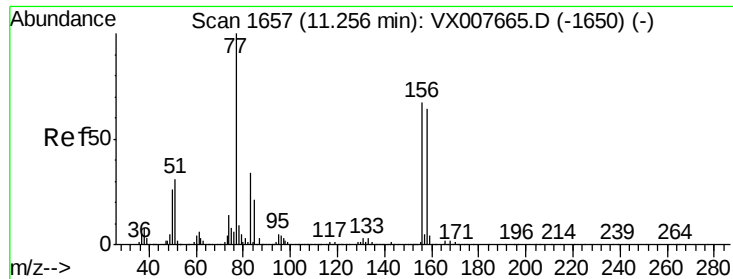
Delta R.T. -0.01 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 77515 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 44.9  | 23.0  | 69.0  |





#77

Bromobenzene

Concen: 20.381 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

ClientSampled :

VX0305WBS01

Tot Ion:156 Resp: 75160

Ion Ratio Lower Upper

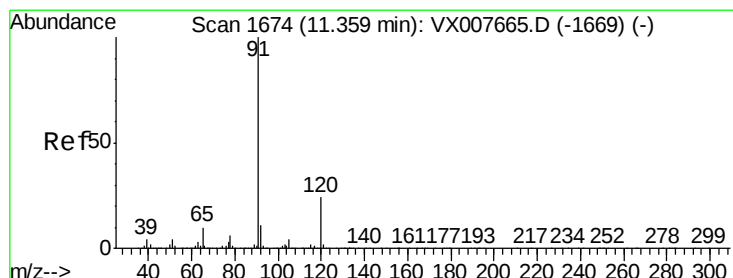
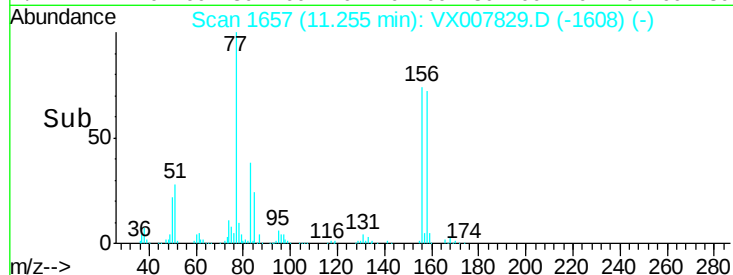
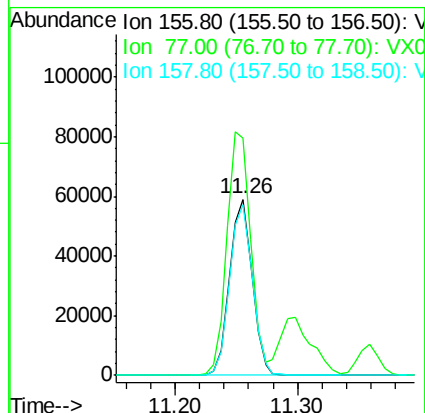
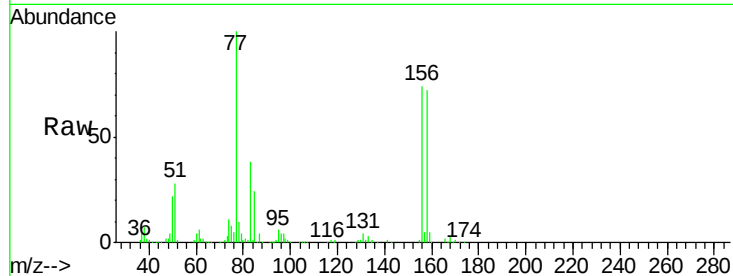
156 100

77 145.5 66.8 200.6

158 98.4 47.9 143.8

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#78

n-propylbenzene

Concen: 19.188 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007829.D

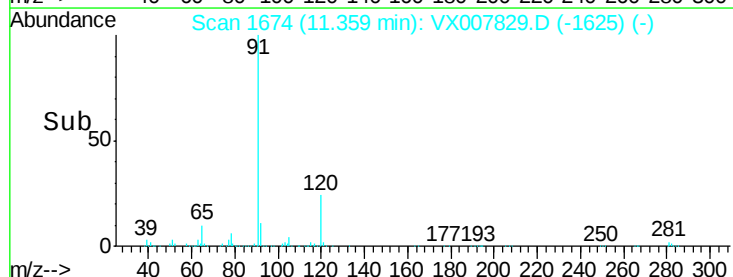
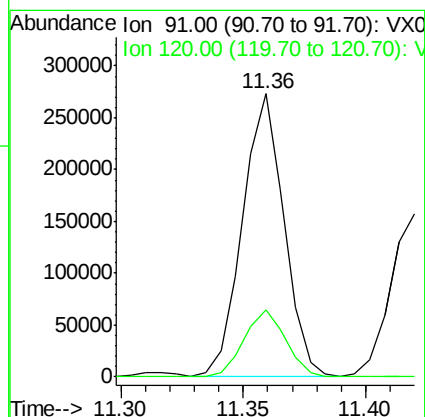
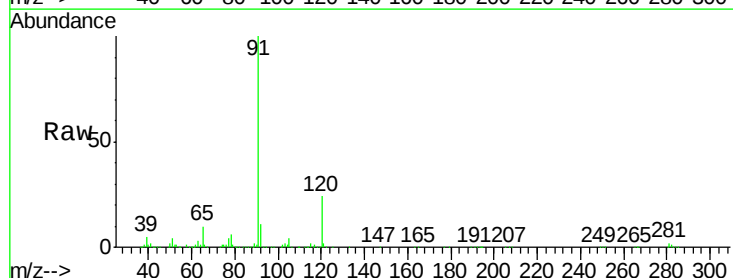
Acq: 05 Mar 2019 11:41

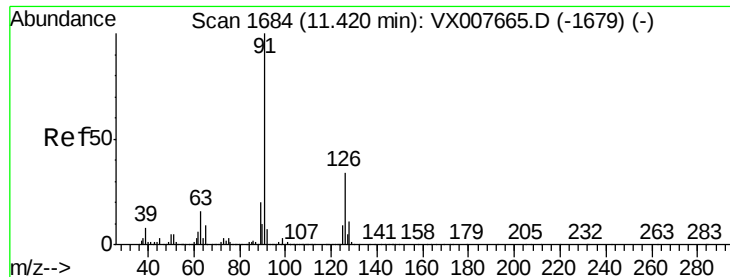
Tgt Ion: 91 Resp: 318804

Ion Ratio Lower Upper

91 100

120 24.0 12.4 37.2





#79

2-Chlorotoluene

Concen: 18.990 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

ClientSampled :

VX0305WBS01

Tot Ion: 91 Resp: 189979

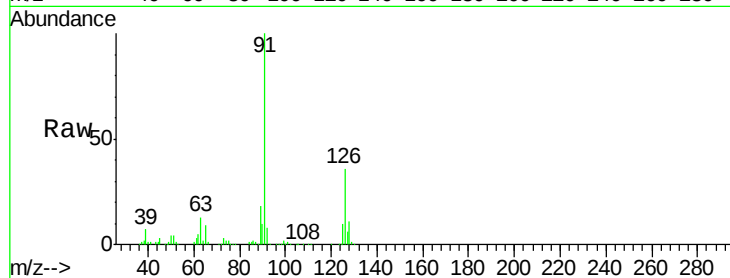
Ion Ratio Lower Upper

91 100

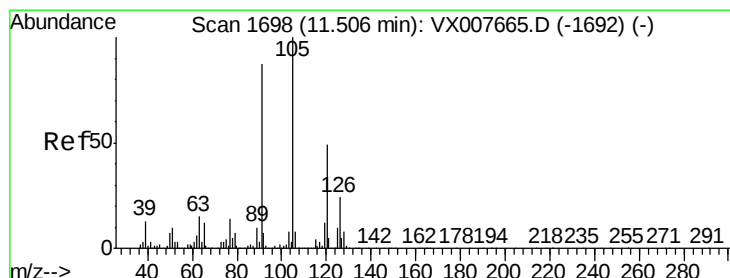
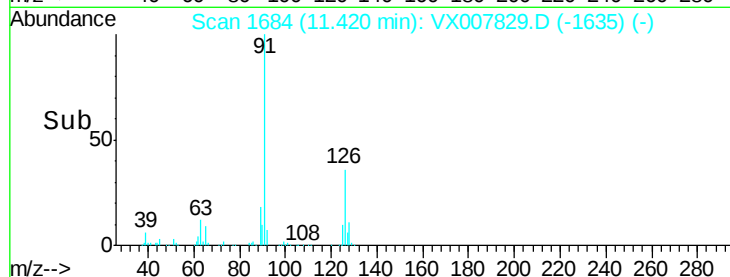
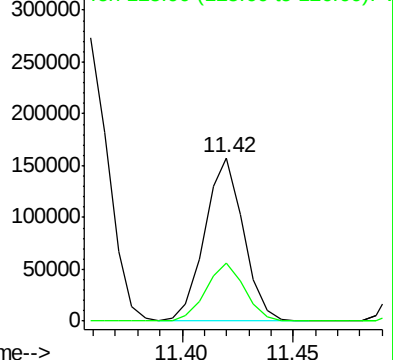
126 35.6 18.7 56.1

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Abundance Ion 91.00 (90.70 to 91.70): VX007665.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.361 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007829.D

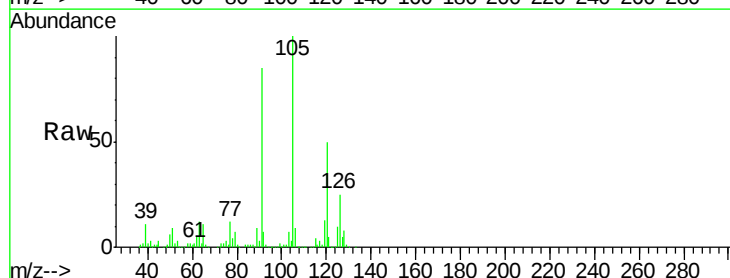
Acq: 05 Mar 2019 11:41

Tgt Ion: 105 Resp: 234150

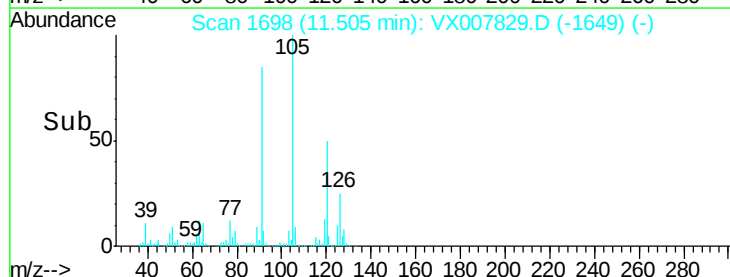
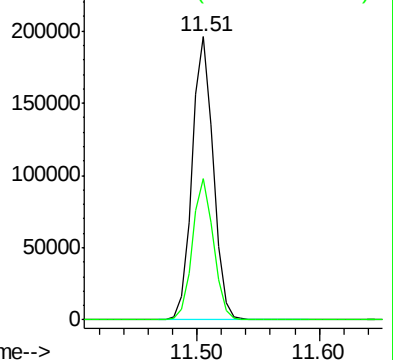
Ion Ratio Lower Upper

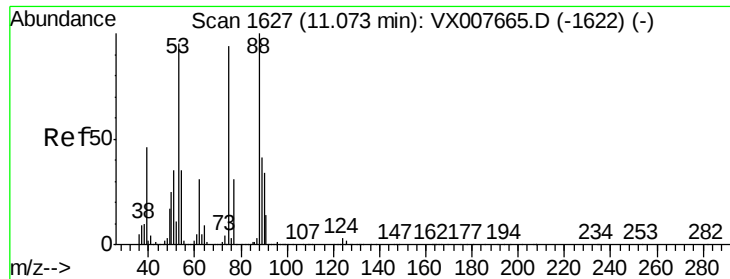
105 100

120 49.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007665.D (-1692) (-)





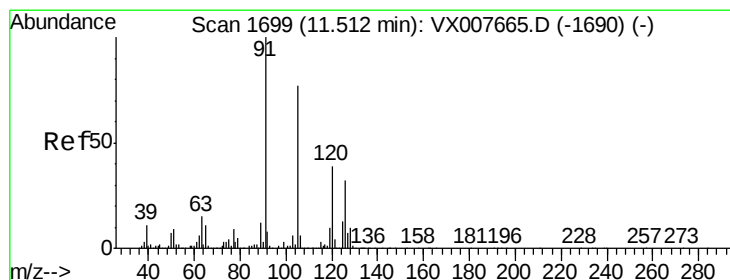
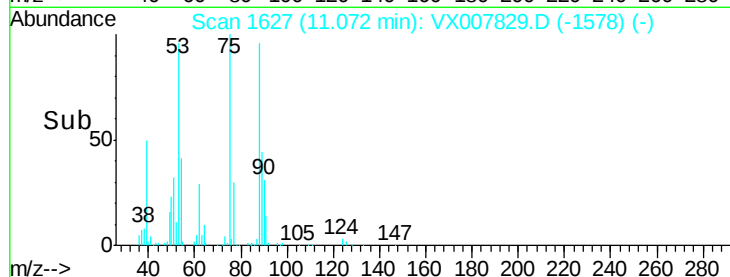
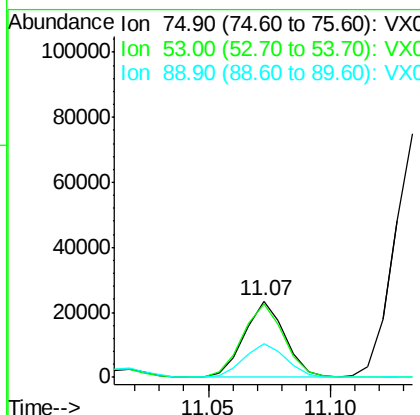
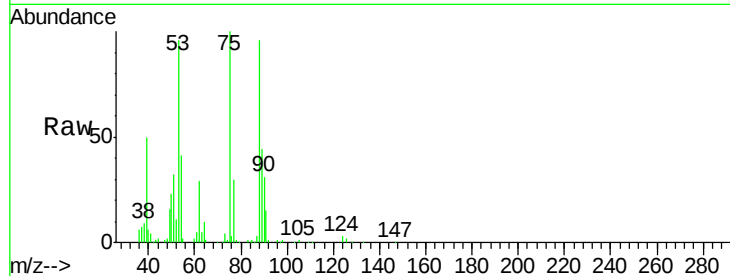
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.498 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 98.7  | 81.0  | 121.6 |
| 89      | 45.5  | 41.4  | 62.0  |

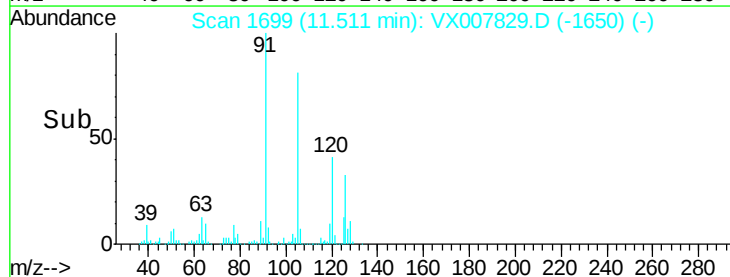
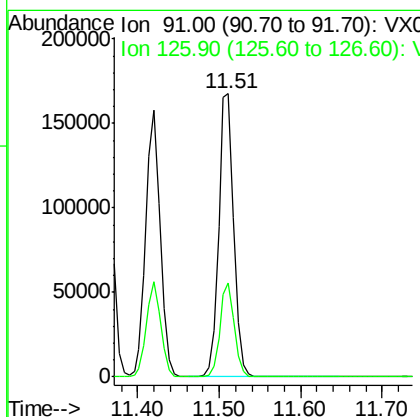
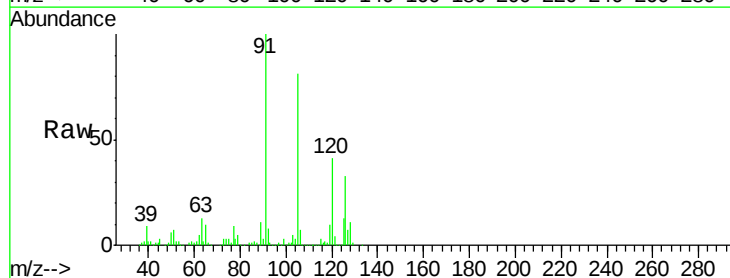
Manual Integrations  
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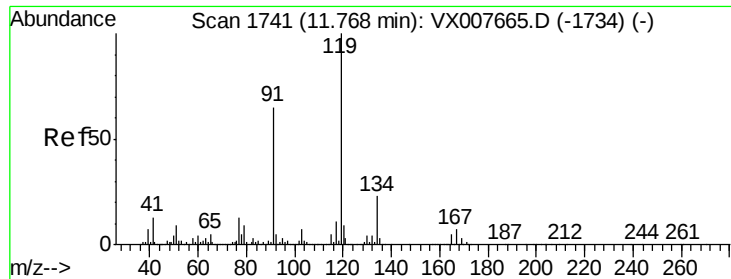
MMDadoda  
3/6/2019 9:49:33 AM



#82  
4-Chlorotoluene  
Concen: 18.583 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.7  | 16.2  | 48.5  |





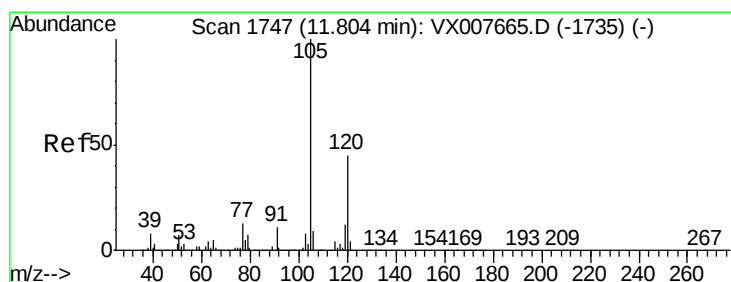
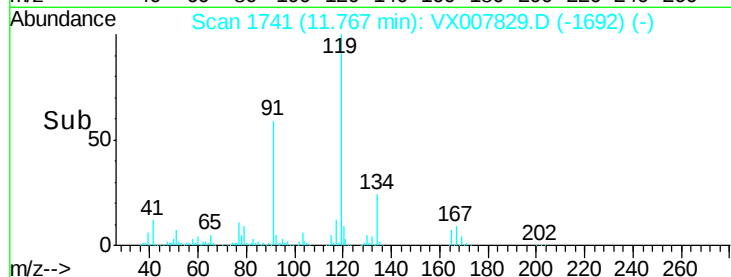
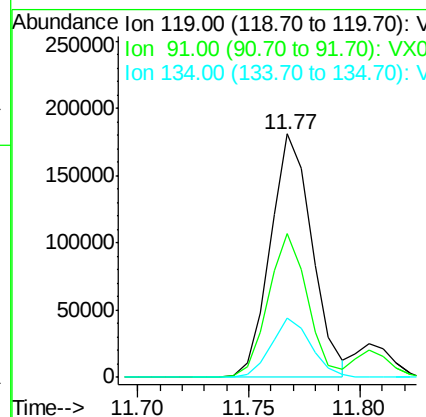
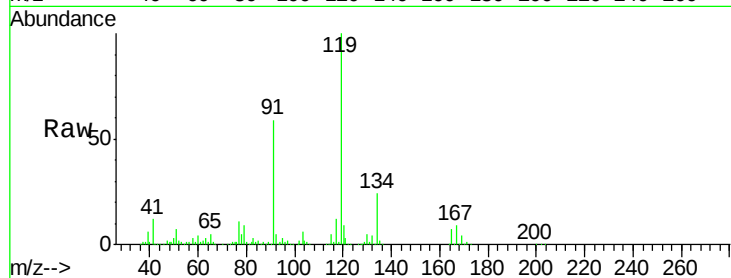
#83  
tert-Butylbenzene  
Concen: 20.271 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 235385 |       |       |
| 91      | 55.5  |        | 28.5  | 85.6  |
| 134     | 23.2  |        | 12.0  | 36.0  |

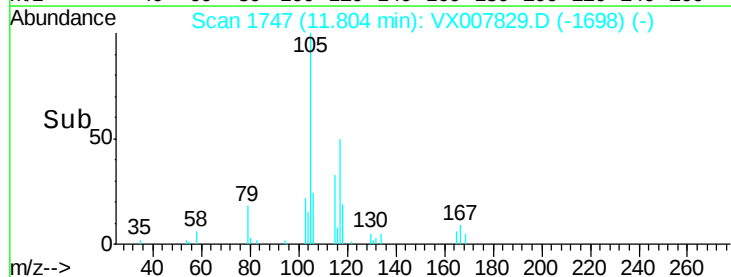
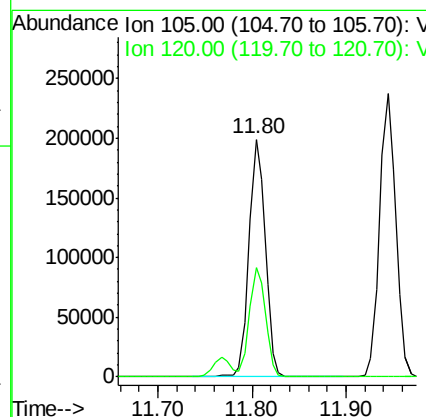
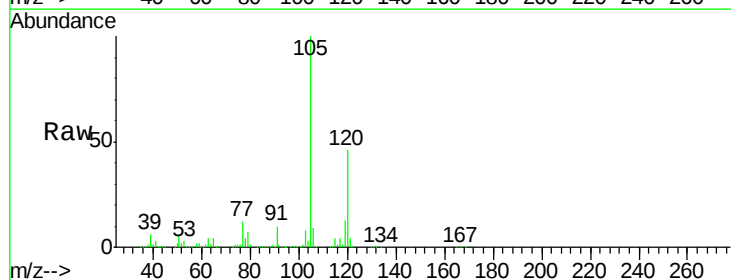
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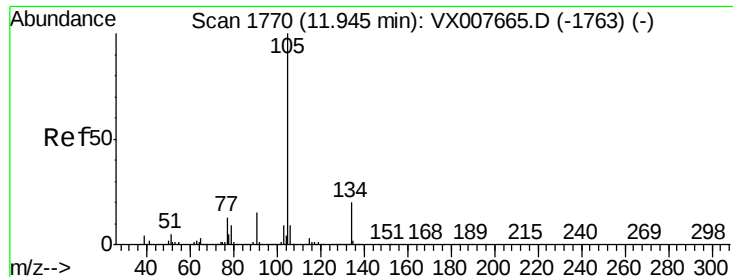
MMDadoda  
3/6/2019 9:49:33 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 19.475 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 240918 |       |       |
| 120     | 45.5  |        | 23.1  | 69.3  |





#85

sec-Butylbenzene

Concen: 19.571 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

ClientSampled :

VX0305WBS01

Tot Ion:105 Resp: 284781

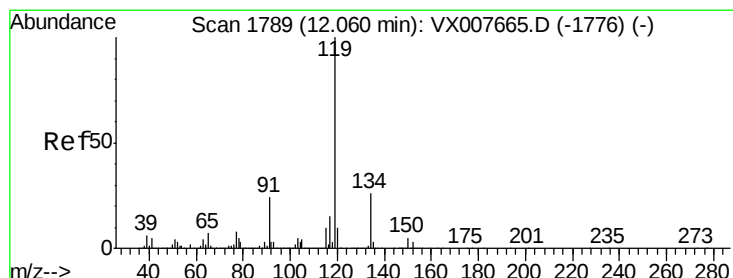
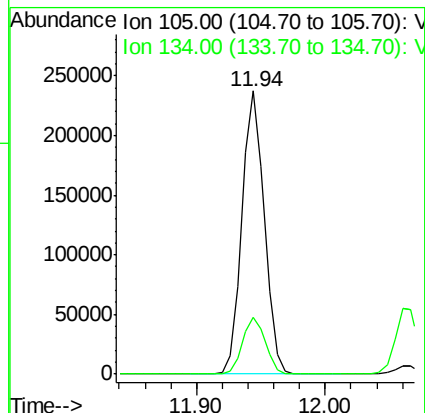
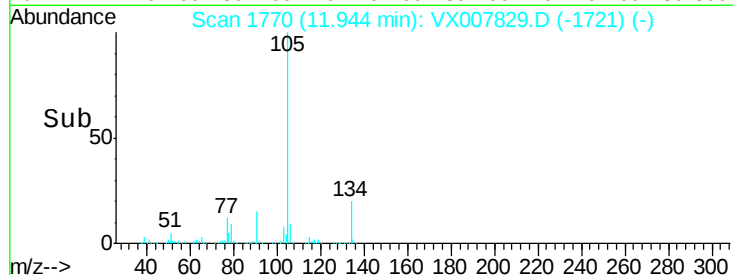
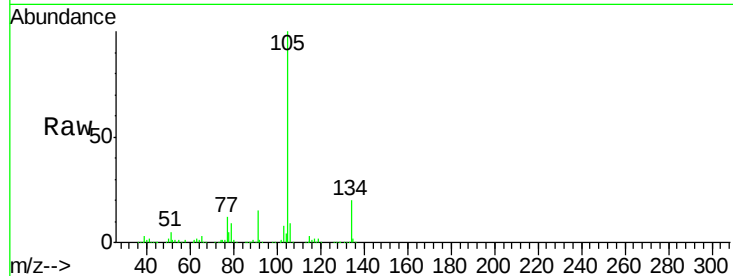
Ion Ratio Lower Upper

105 100

134 20.5 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 20.000 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

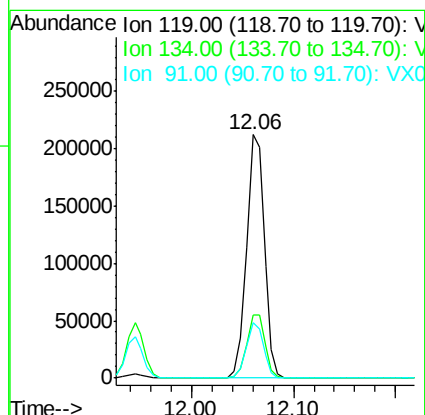
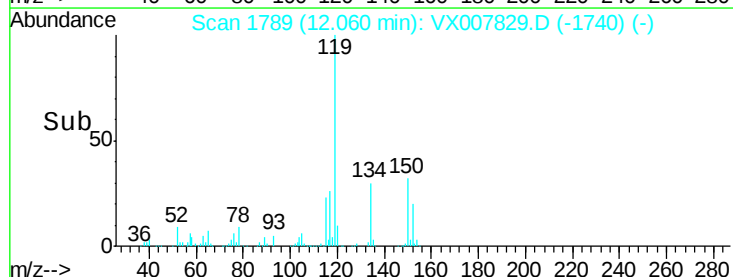
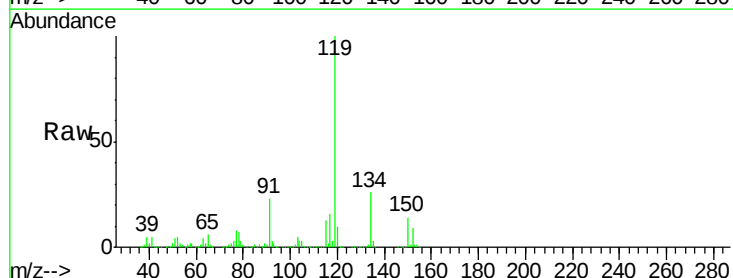
Tgt Ion:119 Resp: 254864

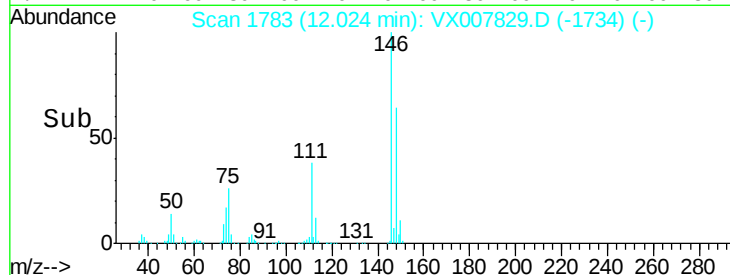
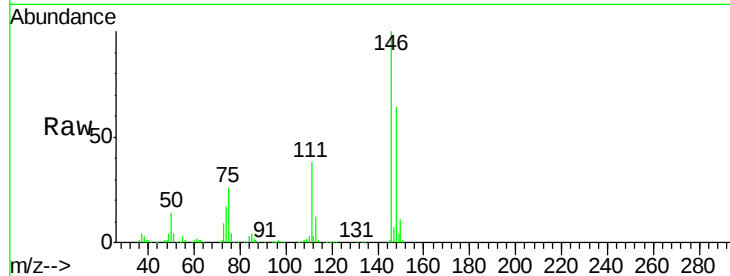
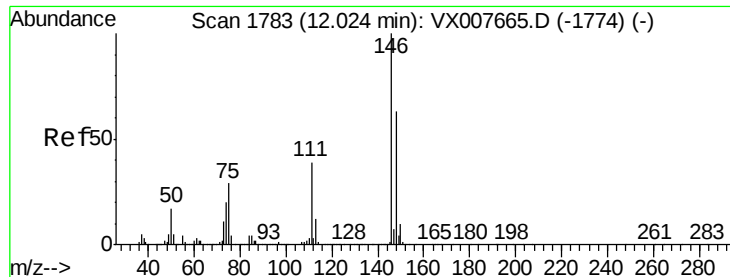
Ion Ratio Lower Upper

119 100

134 26.4 13.7 41.1

91 22.4 11.2 33.5





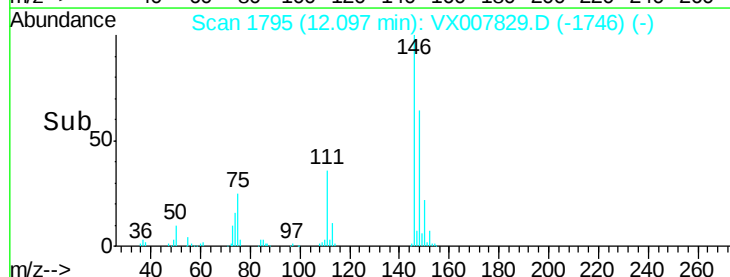
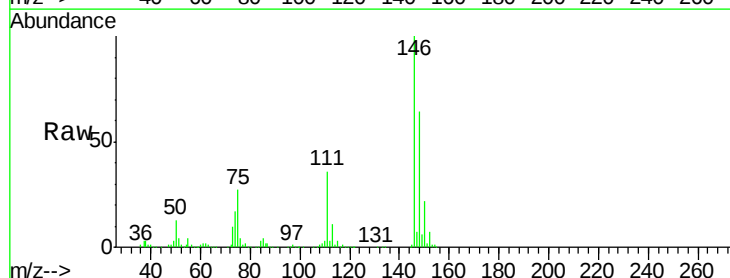
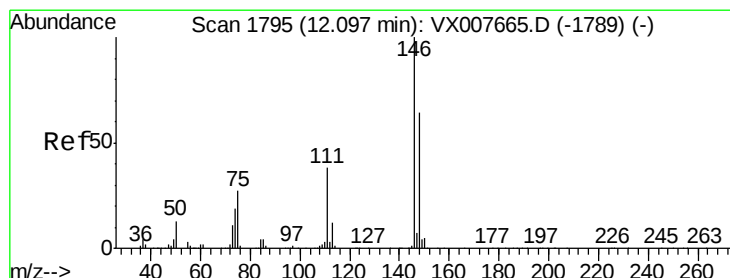
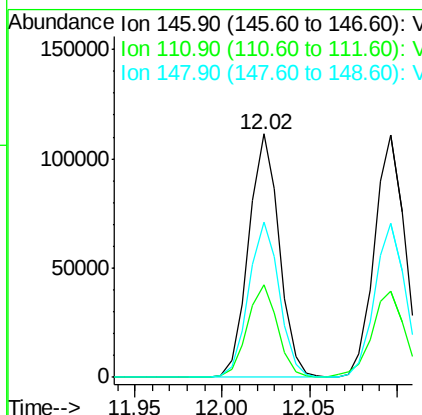
#87  
 1,3-Dichlorobenzene  
 Concen: 19.721 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX007829.D  
 Acq: 05 Mar 2019 11:41

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 134900 |       |       |
| 111     | 37.7  | 18.1   | 54.1  |       |
| 148     | 63.9  | 32.0   | 96.2  |       |

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0305WBS01

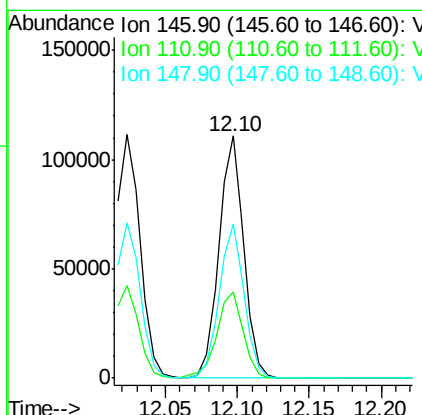
Manual Integrations  
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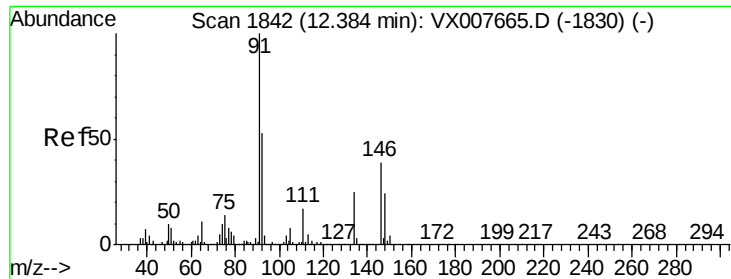
MMDadoda  
 3/6/2019 9:49:33 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 19.061 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX007829.D  
 Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 133532 |       |       |
| 111     | 38.2  | 18.1   | 54.1  |       |
| 148     | 64.4  | 32.3   | 96.9  |       |





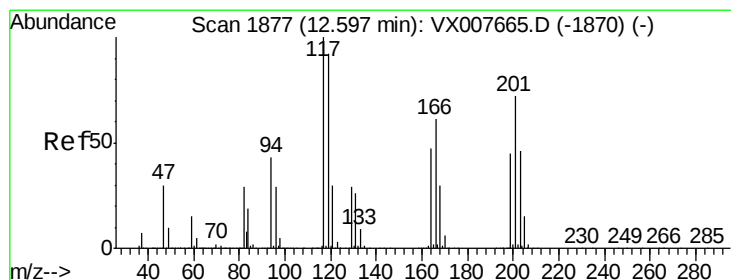
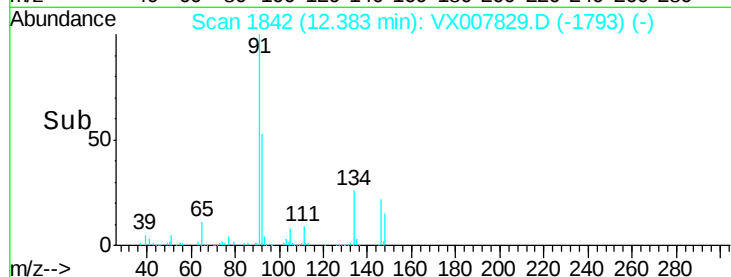
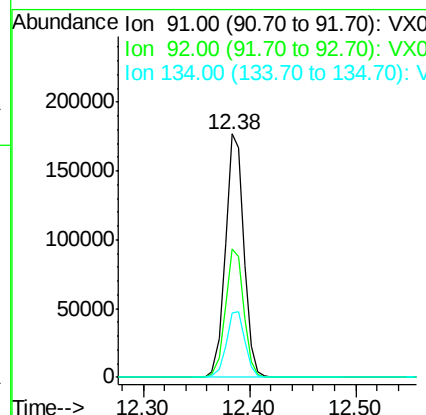
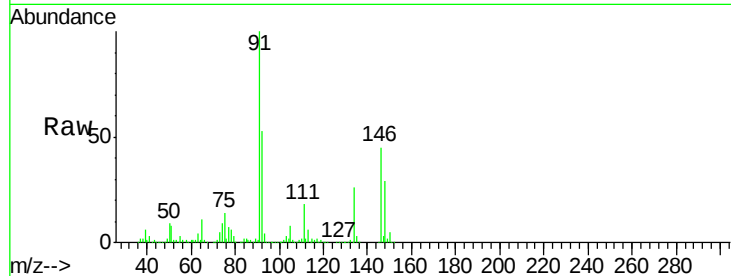
#89  
n-Butylbenzene  
Concen: 18.771 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.7  | 26.3  | 78.9  |
| 134     | 27.3  | 13.9  | 41.6  |

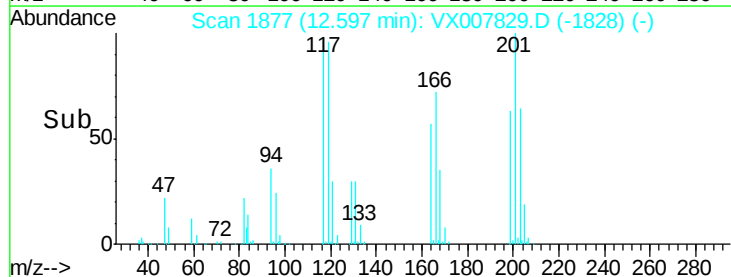
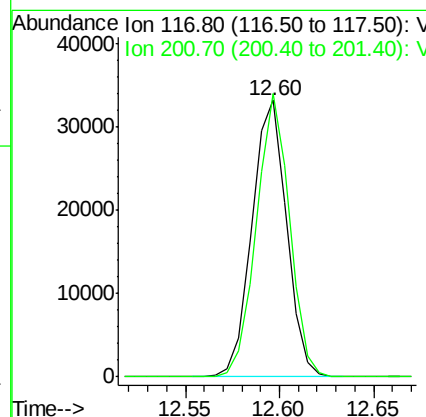
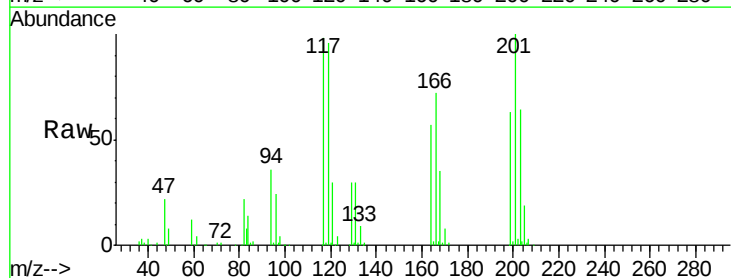
Manual Integrations  
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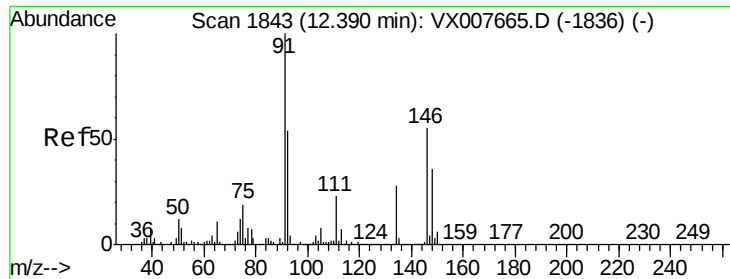
MMDadoda  
3/6/2019 9:49:33 AM



#90  
Hexachloroethane  
Concen: 19.645 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 97.6  | 44.9  | 134.7 |





#91

1,2-Dichlorobenzene

Concen: 19.618 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

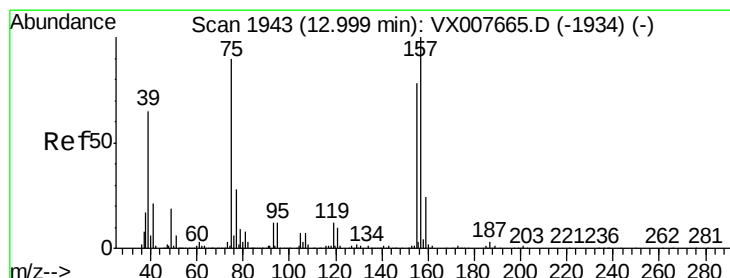
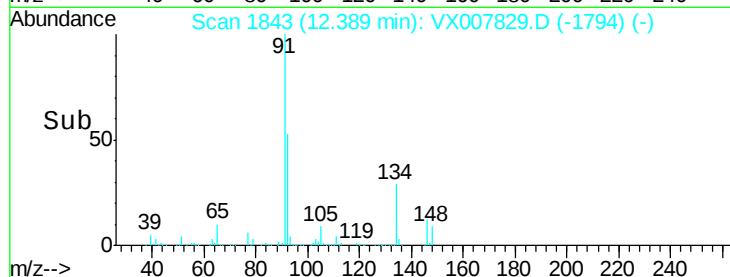
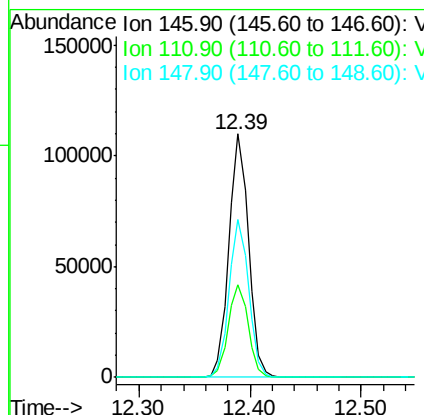
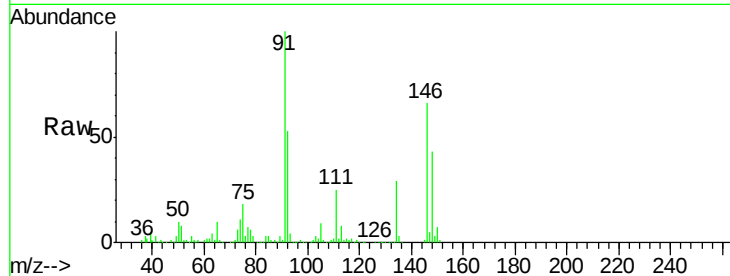
ClientSampled :

VX0305WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 134274 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.6  | 19.1  | 57.3   |
| 148       | 64.7  | 32.1  | 96.3   |

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3/6/2019 9:49:33 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.428 ug/l

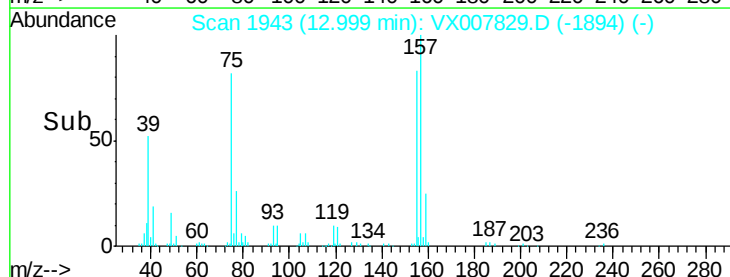
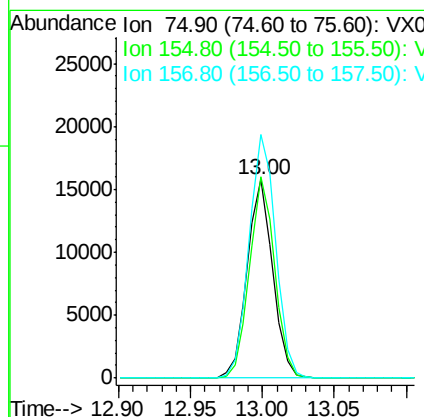
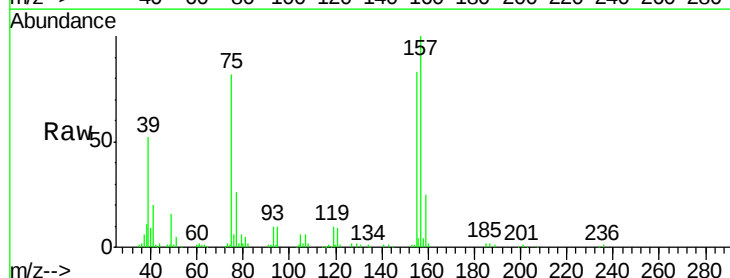
RT: 13.00 min Scan# 1943

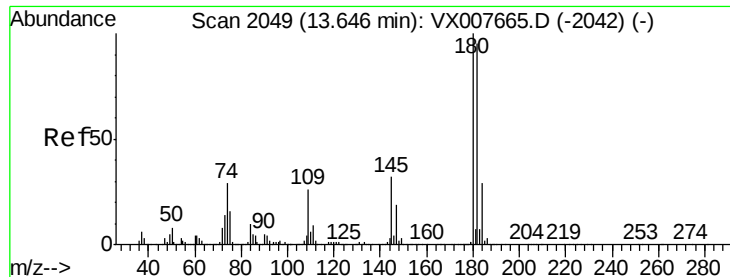
Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 19311 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 99.1  | 49.6  | 149.0 |
| 157       | 126.8 | 65.1  | 195.3 |





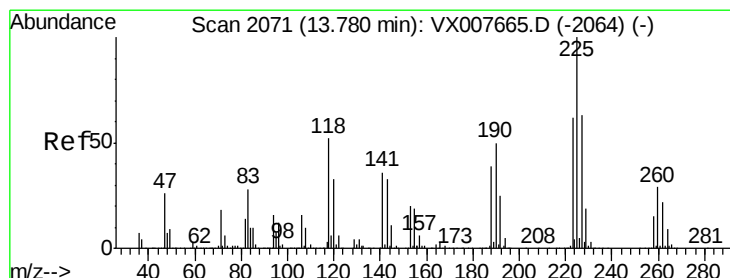
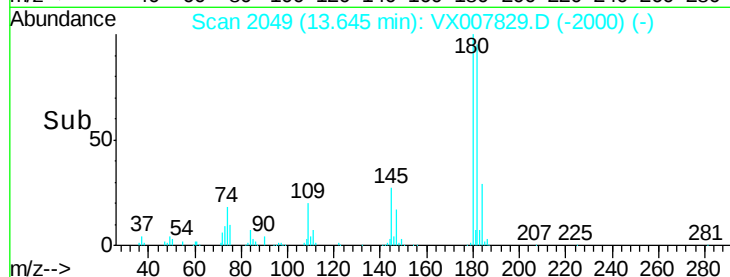
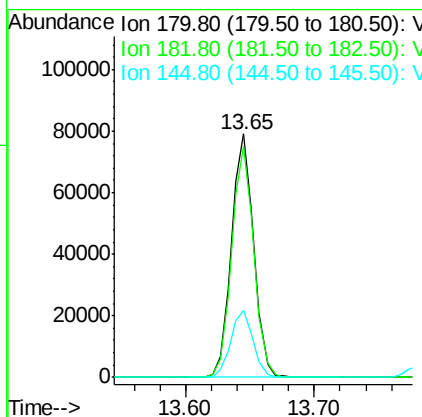
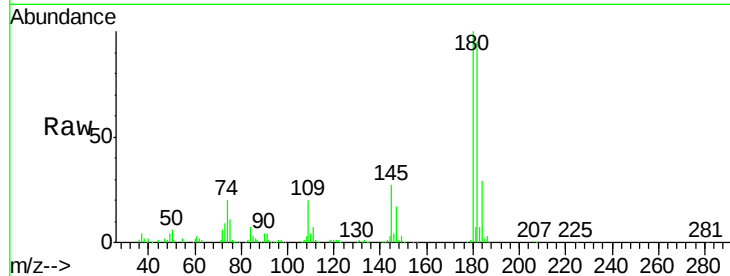
#93  
1,2,4-Trichlorobenzene  
Concen: 22.793 ug/l  
RT: 13.65 min Scan# 2049  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0305WBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 47.8  | 143.3 |
| 145     | 27.6  | 14.1  | 42.2  |

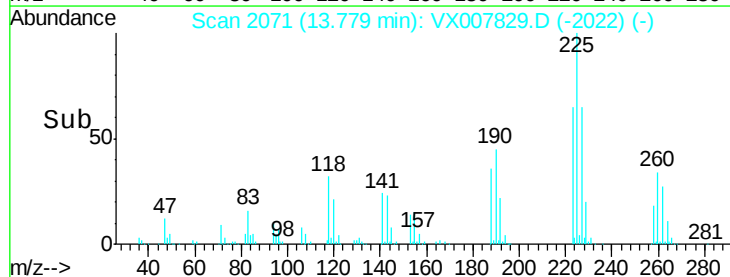
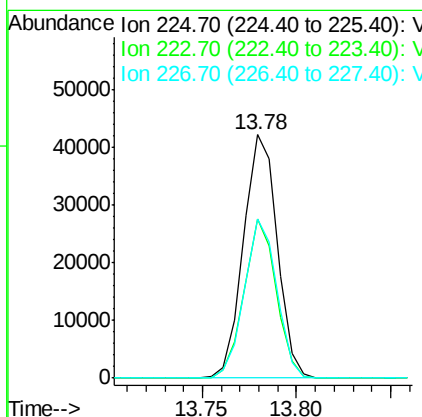
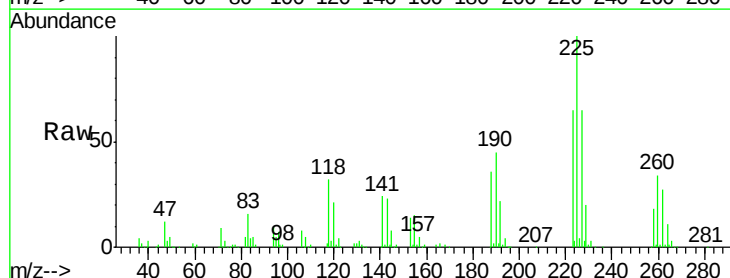
Manual Integrations  
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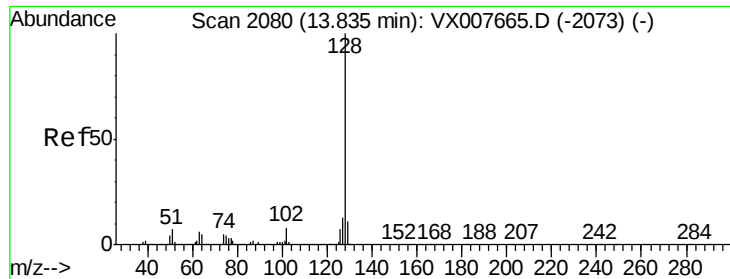
MMDadoda  
3/6/2019 9:49:33 AM



#94  
Hexachlorobutadiene  
Concen: 27.380 ug/l  
RT: 13.78 min Scan# 2071  
Delta R.T. -0.00 min  
Lab File: VX007829.D  
Acq: 05 Mar 2019 11:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.2  | 31.6  | 94.8  |
| 227     | 63.1  | 32.1  | 96.3  |





#95

Naphthalene

Concen: 19.975 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

Instrument :

MSVOA\_X

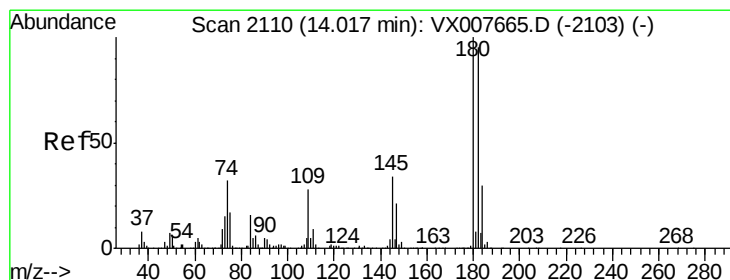
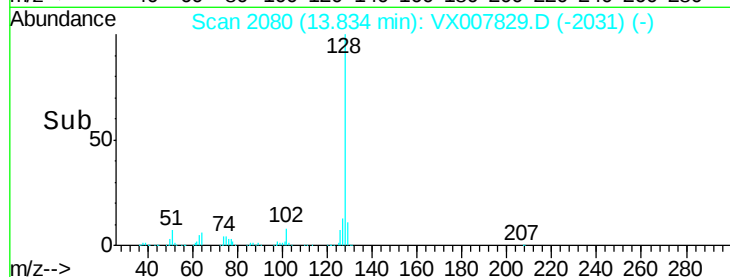
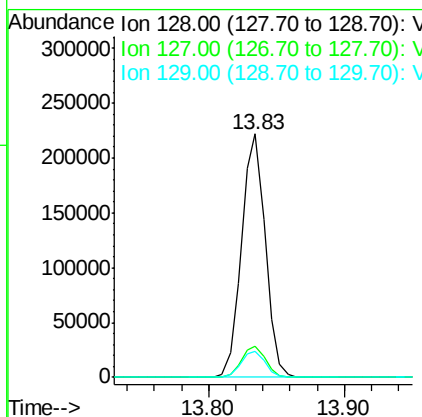
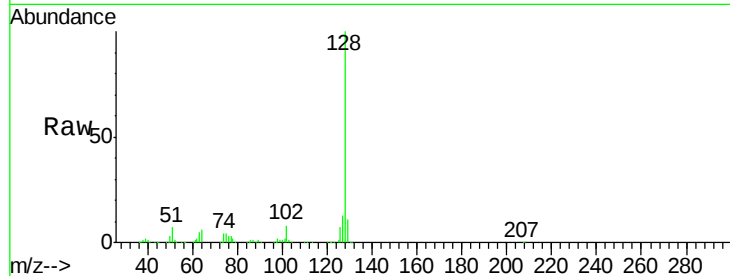
ClientSampleId :

VX0305WBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 270377 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.9  | 10.5  | 15.7   |
| 129       | 10.9  | 8.7   | 13.1   |

Manual Integrations  
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3/6/2019 9:49:33 AM



#96

1,2,3-Trichlorobenzene

Concen: 22.457 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007829.D

Acq: 05 Mar 2019 11:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 94208 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 96.1  | 47.5  | 142.6 |
| 145       | 30.2  | 14.9  | 44.5  |

