

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060819\  
 Data File : VX010145.D  
 Acq On : 08 Jun 2019 17:53  
 Operator : JC/SP  
 Sample : VX0608WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 6/10/2019 9:40:31 AM

Quant Time: Jun 10 08:37:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060719W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 02:12:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 282028   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 421998   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 383826   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 196255   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 130708   | 47.48 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.96%  |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 131029   | 50.34 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.68% |      |
| 50) Toluene-d8            | 8.71   | 98  | 499882   | 51.24 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.48% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 181176   | 49.73 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.46%  |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 56396  | 21.732  | ug/l   | 99     |
| 3) Chloromethane              | 1.32 | 50  | 53187  | 20.638  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 52886  | 21.834  | ug/l   | 98     |
| 5) Bromomethane               | 1.64 | 94  | 24413  | 26.709  | ug/l   | 100    |
| 6) Chloroethane               | 1.72 | 64  | 28308  | 23.180  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 80102  | 22.263  | ug/l   | 97     |
| 8) Diethyl Ether              | 2.19 | 74  | 27012  | 21.782  | ug/l   | 77     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 48784  | 19.670  | ug/l   | 90     |
| 10) Methyl Iodide             | 2.51 | 142 | 77443  | 20.153  | ug/l   | 96     |
| 11) Tert butyl alcohol        | 3.04 | 59  | 76208  | 113.003 | ug/l   | 96     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 50149  | 19.796  | ug/l # | 78     |
| 13) Acrolein                  | 2.29 | 56  | 13514  | 109.898 | ug/l   | 97     |
| 14) Allyl chloride            | 2.73 | 41  | 73318  | 19.174  | ug/l # | 89     |
| 15) Acrylonitrile             | 3.14 | 53  | 137637 | 99.850  | ug/l   | 97     |
| 16) Acetone                   | 2.44 | 43  | 119371 | 92.192  | ug/l # | 86     |
| 17) Carbon Disulfide          | 2.57 | 76  | 134648 | 18.396  | ug/l   | 98     |
| 18) Methyl Acetate            | 2.78 | 43  | 54815  | 19.250  | ug/l # | 82     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 157535 | 19.357  | ug/l   | 94     |
| 20) Methylene Chloride        | 2.85 | 84  | 55438  | 19.496  | ug/l # | 78     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 53139  | 18.955  | ug/l # | 77     |
| 22) Diisopropyl ether         | 3.85 | 45  | 144838 | 19.811  | ug/l # | 92     |
| 23) Vinyl Acetate             | 3.81 | 43  | 649894 | 99.644  | ug/l # | 88     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 86151  | 19.408  | ug/l   | 96     |
| 25) 2-Butanone                | 4.67 | 43  | 188177 | 97.598  | ug/l # | 80     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 74006  | 18.275  | ug/l   | 92     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 61145  | 19.606  | ug/l   | 78     |
| 28) Bromochloromethane        | 5.01 | 49  | 39877  | 20.045  | ug/l # | 46     |
| 29) Tetrahydrofuran           | 5.13 | 42  | 120468 | 99.419  | ug/l # | 74     |
| 30) Chloroform                | 5.21 | 83  | 90175  | 19.561  | ug/l   | 96     |
| 31) Cyclohexane               | 5.57 | 56  | 79849  | 19.932  | ug/l # | 83     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 82228  | 18.973  | ug/l   | 93     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 67139  | 19.501  | ug/l   | 91     |
| 37) Ethyl Acetate             | 4.84 | 43  | 70331  | 19.633  | ug/l # | 91     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 74657  | 19.158  | ug/l   | 98     |

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 Operator : JC/SP  
 Sample : VX0608WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 6/10/2019 9:40:31 AM

Quant Time: Jun 10 08:37:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060719W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 08 02:12:13 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 39) Methylcyclohexane          | 7.46  | 83   | 90550    | 19.315  | ug/l # | 82       |
| 40) Benzene                    | 6.14  | 78   | 213436   | 20.048  | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.04  | 41   | 36436    | 18.803  | ug/l # | 79       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 65320    | 19.219  | ug/l   | 93       |
| 43) Isopropyl Acetate          | 6.45  | 43   | 115413   | 19.269  | ug/l # | 88       |
| 44) Trichloroethene            | 7.21  | 130  | 63692    | 19.848  | ug/l   | 86       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 53206    | 19.968  | ug/l   | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 38459    | 19.265  | ug/l   | 89       |
| 47) Bromodichloromethane       | 7.90  | 83   | 72829    | 19.524  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.77  | 41   | 55028    | 19.645  | ug/l # | 76       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 33596    | 420.676 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 365940   | 102.273 | ug/l   | 89       |
| 52) Toluene                    | 8.78  | 92   | 139994   | 20.005  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 81018    | 18.777  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 88579    | 19.150  | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 58186    | 20.302  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 89814    | 19.838  | ug/l # | 81       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 89005    | 19.726  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 212771   | 99.692  | ug/l # | 86       |
| 59) 2-Hexanone                 | 9.49  | 43   | 291484   | 102.173 | ug/l   | 88       |
| 60) Dibromochloromethane       | 9.58  | 129  | 67182    | 19.818  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 62668    | 19.633  | ug/l   | 98       |
| 64) Tetrachloroethene          | 9.34  | 164  | 56396    | 19.783  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.13 | 112  | 156984   | 19.817  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 61092    | 20.054  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 266332   | 19.749  | ug/l   | 94       |
| 68) m/p-Xylenes                | 10.36 | 106  | 210686   | 40.372  | ug/l   | 88       |
| 69) o-Xylene                   | 10.69 | 106  | 104183   | 20.083  | ug/l   | 88       |
| 70) Styrene                    | 10.71 | 104  | 176990   | 20.145  | ug/l   | 95       |
| 71) Bromoform                  | 10.85 | 173  | 55362    | 19.768  | ug/l # | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 269269   | 19.655  | ug/l   | 95       |
| 74) N-amyl acetate             | 10.90 | 43   | 105687   | 19.515  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 92816    | 19.792  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 75178m   | 19.151  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 74158    | 19.684  | ug/l   | 82       |
| 78) n-propylbenzene            | 11.36 | 91   | 296605   | 19.447  | ug/l   | 94       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 175877   | 19.200  | ug/l   | 90       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 226236   | 19.606  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 32936    | 18.538  | ug/l # | 84       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 203823   | 19.588  | ug/l   | 91       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 231375   | 19.811  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 229517   | 19.692  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 265168   | 19.488  | ug/l   | 95       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 245472   | 19.734  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 130806   | 19.712  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 130878   | 19.565  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.38 | 91   | 205515   | 19.194  | ug/l   | 97       |
| 90) Hexachloroethane           | 12.59 | 117  | 45927    | 18.535  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 132337   | 20.513  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 21158    | 19.173  | ug/l   | 64       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060819\  
Data File : VX010145.D  
Acq On : 08 Jun 2019 17:53  
Operator : JC/SP  
Sample : VX0608WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBSD01

Manual Integrations  
APPROVED

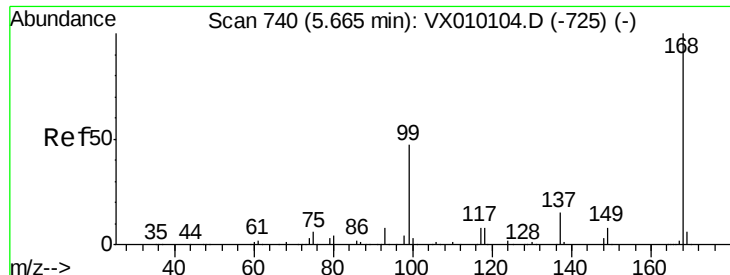
MMDadoda  
6/10/2019 9:40:31 AM

Quant Time: Jun 10 08:37:47 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060719W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 08 02:12:13 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 92454    | 19.578 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 41306    | 19.668 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 296311   | 19.933 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 94327    | 20.202 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBSD01

Tot Ion:168 Resp: 282028

Ion Ratio Lower Upper

168 100

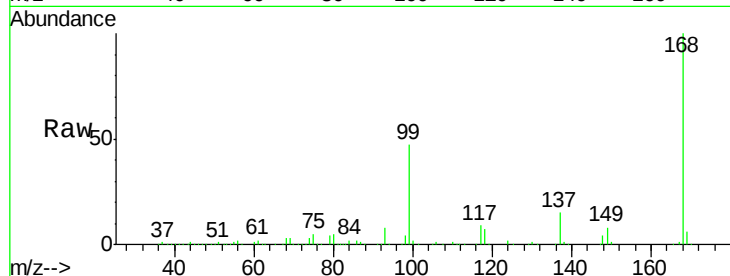
99 46.6 43.0 64.6

Manual Integrations

APPROVED

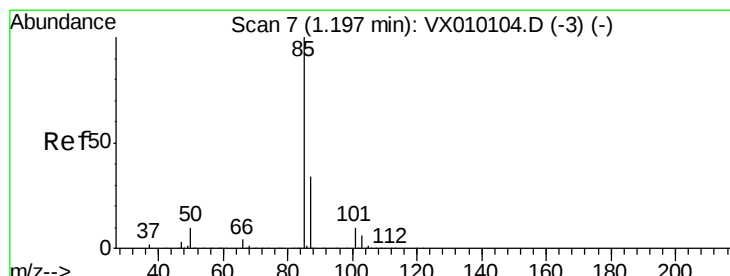
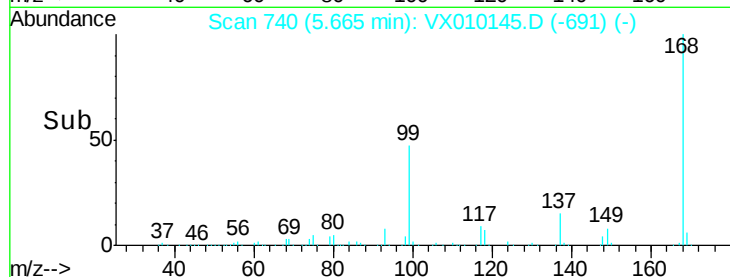
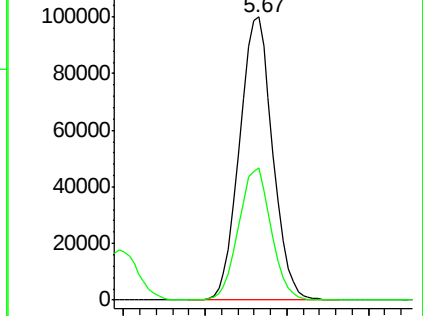
MMDadoda

6/10/2019 9:40:31 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.732 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010145.D

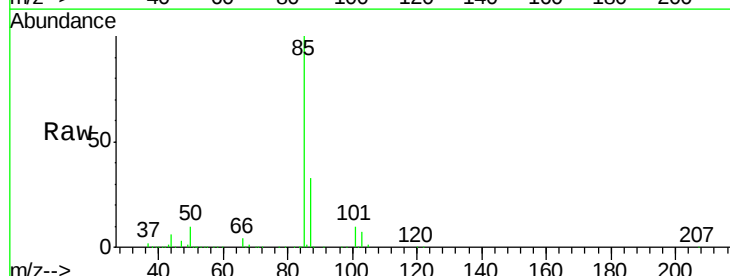
Acq: 08 Jun 2019 17:53

Tgt Ion: 85 Resp: 56396

Ion Ratio Lower Upper

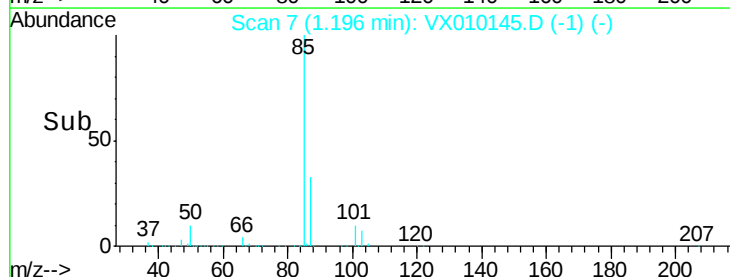
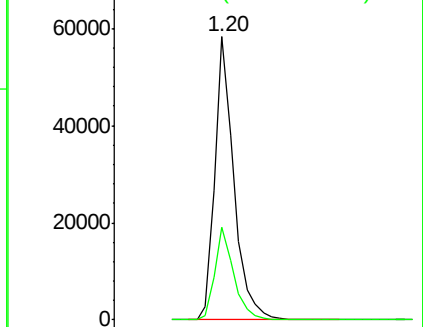
85 100

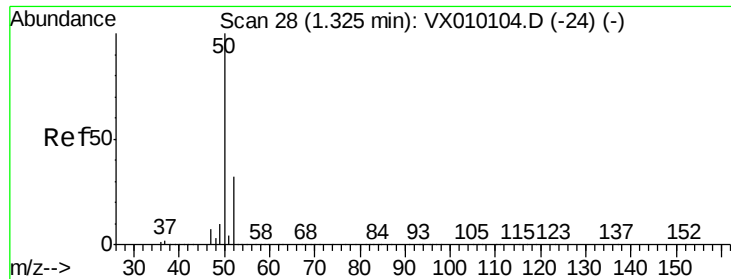
87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.638 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBSD01

Tot Ion: 50 Resp: 53187

Ion Ratio Lower Upper

50 100

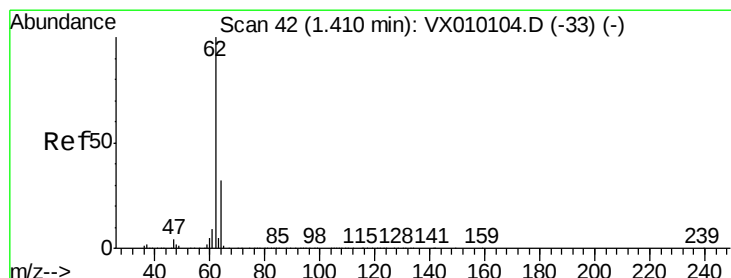
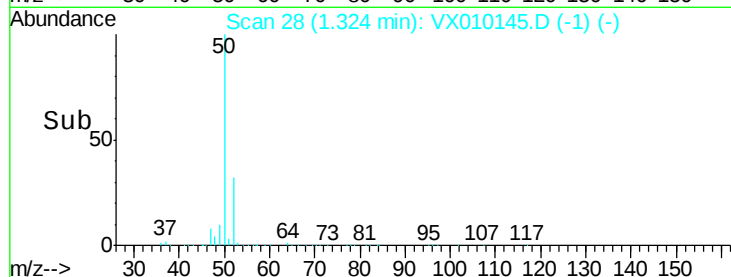
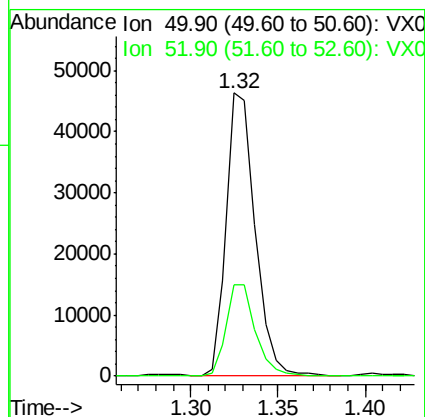
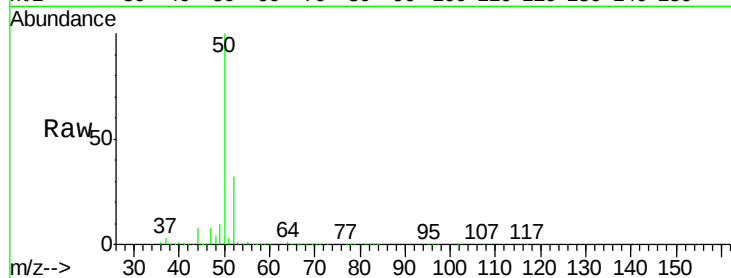
52 32.1 26.0 39.0

Manual Integrations

APPROVED

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6/10/2019 9:40:31 AM



#4

Vinyl Chloride

Concen: 21.834 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010145.D

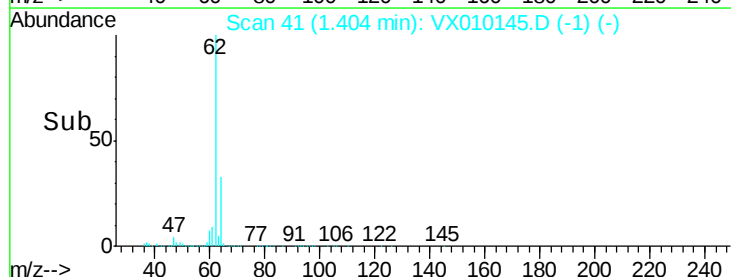
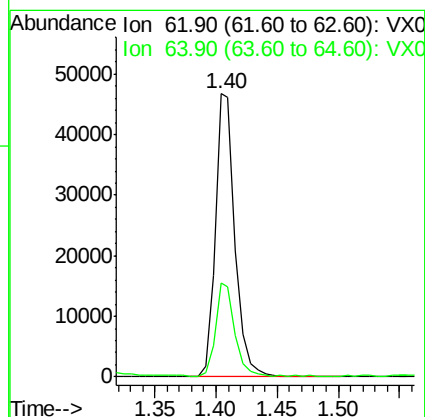
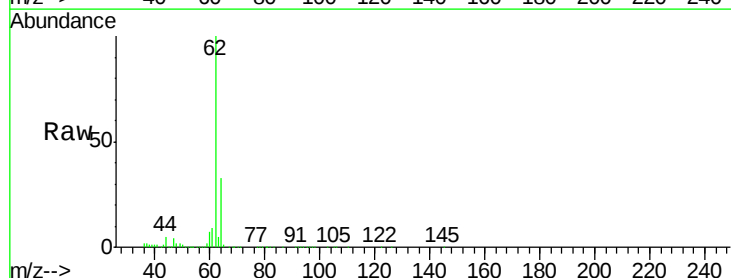
Acq: 08 Jun 2019 17:53

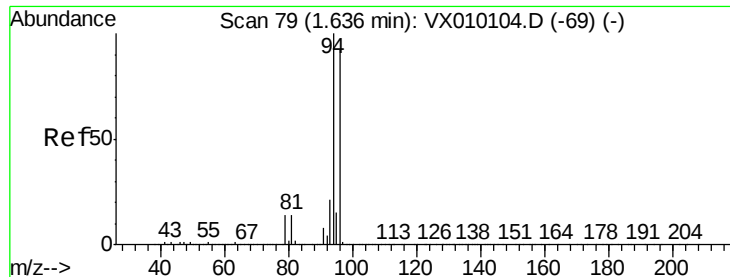
Tgt Ion: 62 Resp: 52886

Ion Ratio Lower Upper

62 100

64 33.0 25.7 38.5





#5

Bromomethane

Concen: 26.709 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBSD01

Tot Ion: 94 Resp: 24413

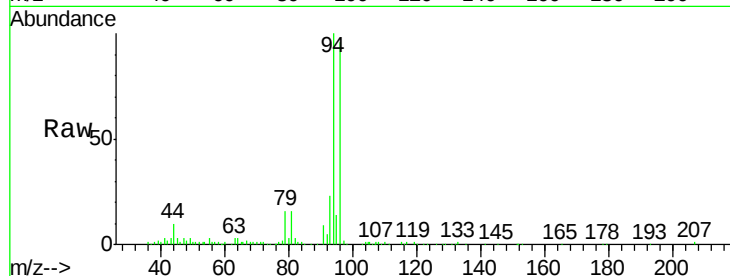
Ion Ratio Lower Upper

94 100

96 95.7 76.2 114.4

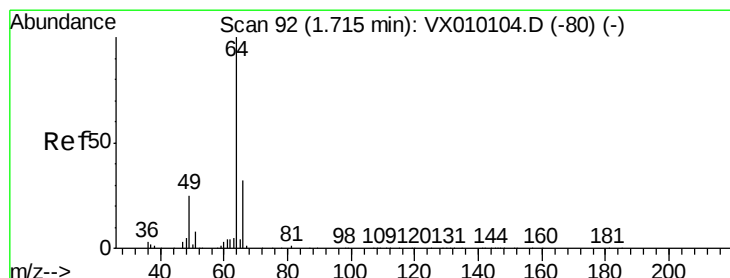
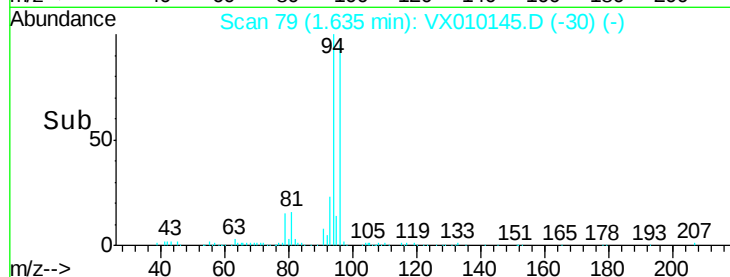
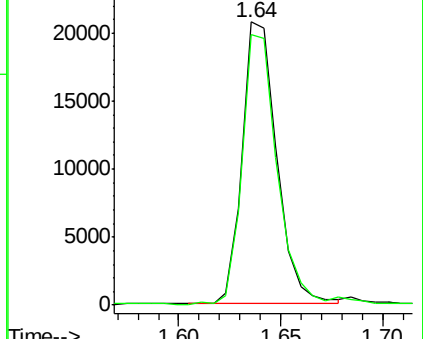
Manual Integrations  
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6/10/2019 9:40:31 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 23.180 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010145.D

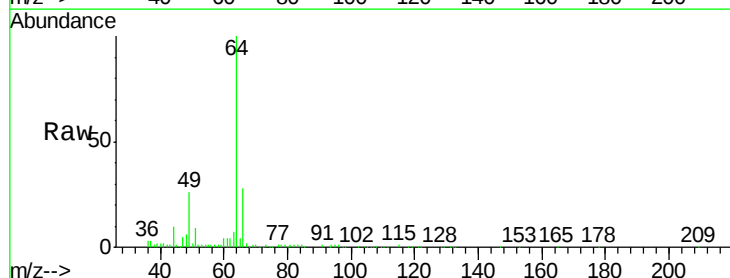
Acq: 08 Jun 2019 17:53

Tgt Ion: 64 Resp: 28308

Ion Ratio Lower Upper

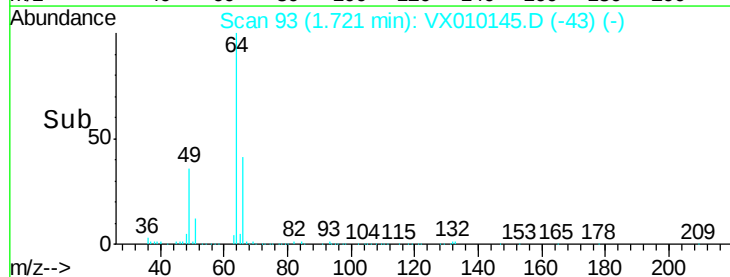
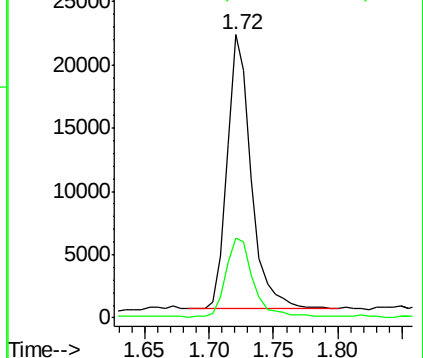
64 100

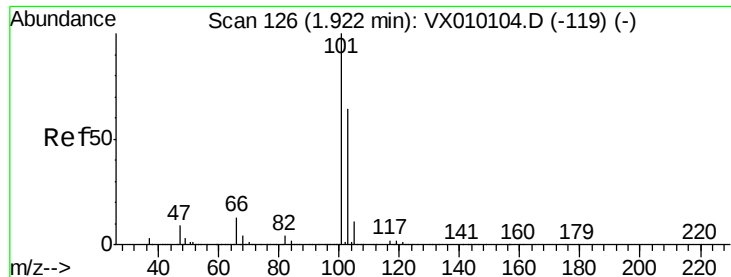
66 29.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

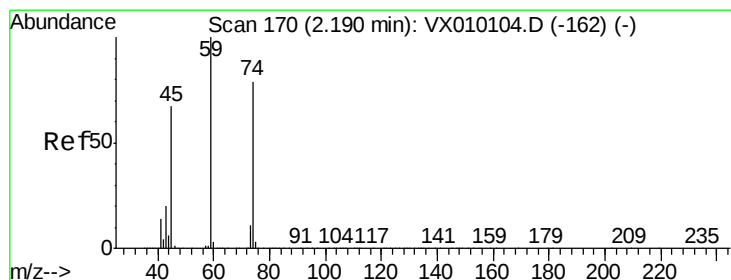
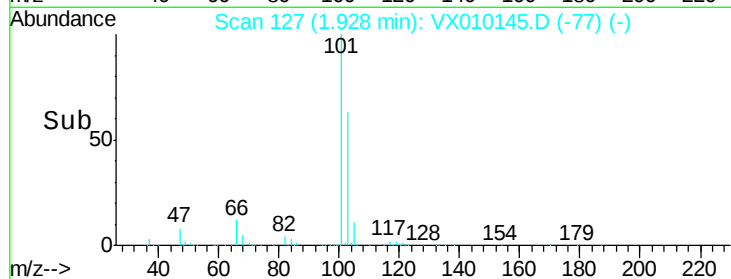
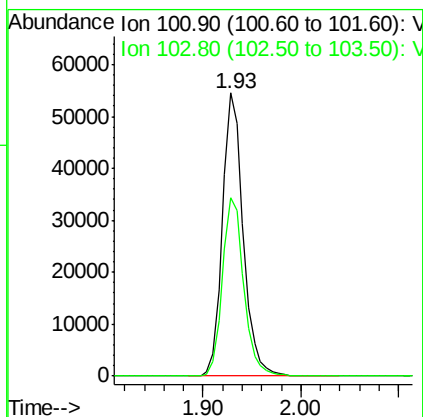
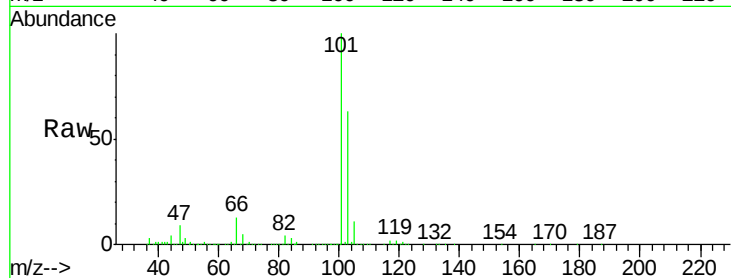
Trichlorofluoromethane  
Concen: 22.263 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. 0.01 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.1  | 52.2  | 78.4  |

Manual Integrations  
APPROVED

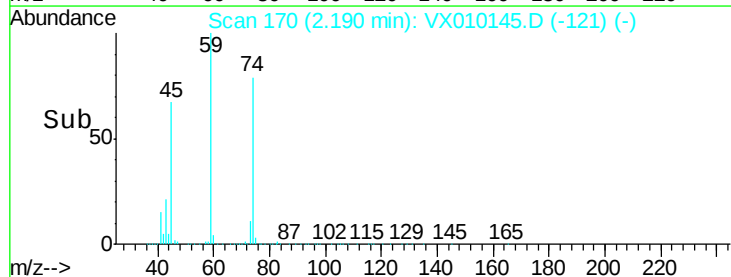
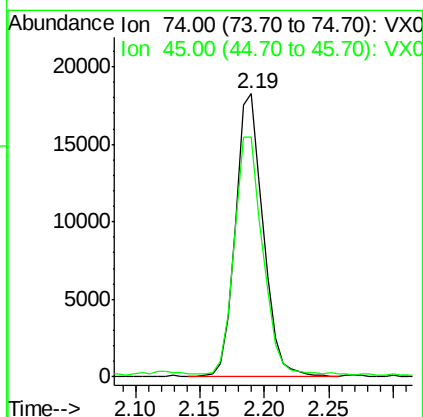
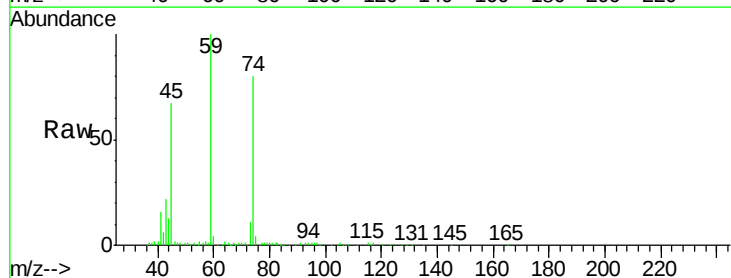
MMDadoda  
6/10/2019 9:40:31 AM

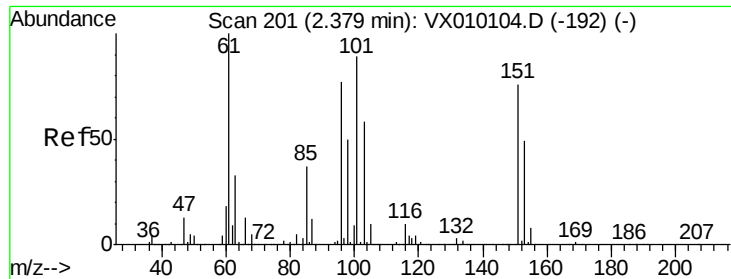


#8

Diethyl Ether  
Concen: 21.782 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 87.5  | 56.1  | 168.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.670 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

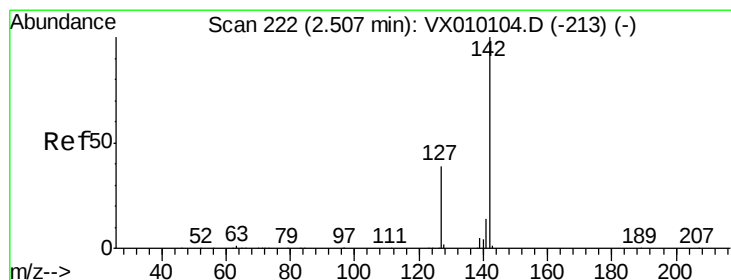
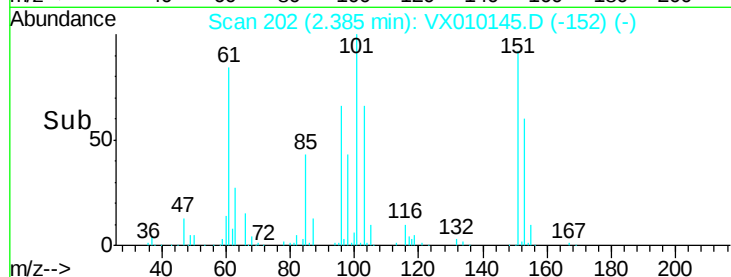
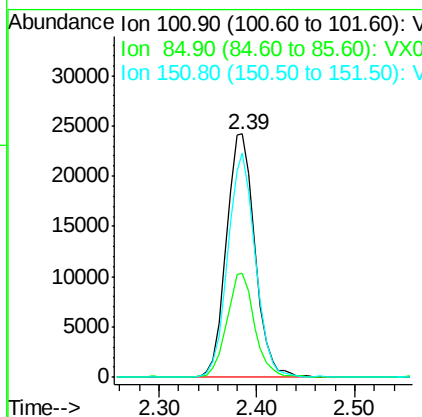
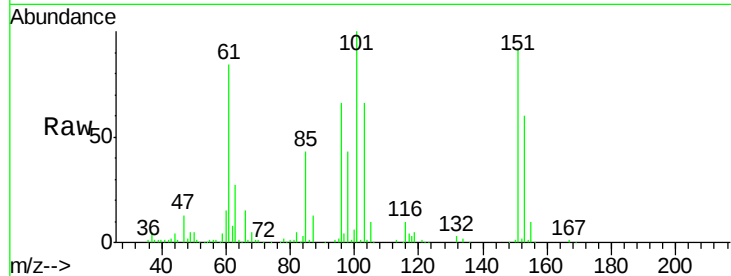
ClientSampleId :

VX0608WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 48784 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 41.9  | 35.2  | 52.8  |
| 151       | 88.8  | 61.9  | 92.9  |

Manual Integrations  
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MMDadoda  
6/10/2019 9:40:31 AM



#10

Methyl Iodide

Concen: 20.153 ug/l

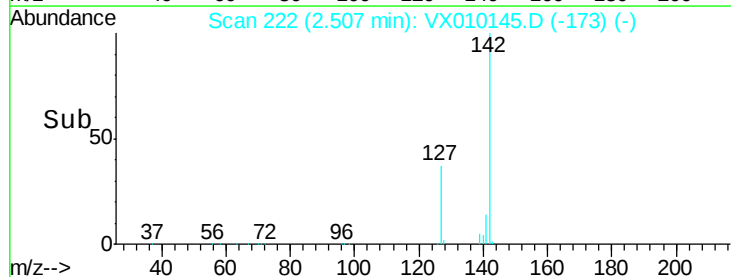
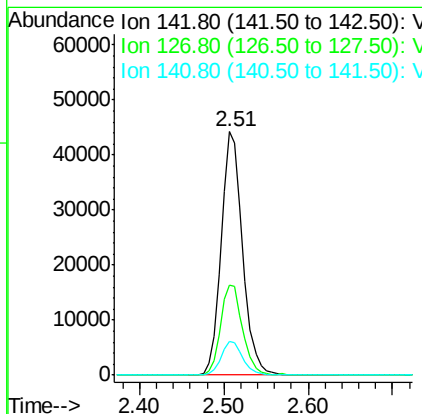
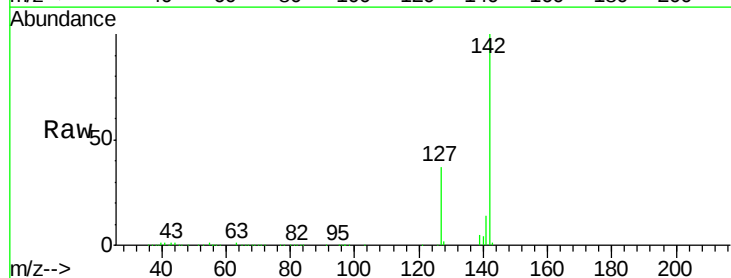
RT: 2.51 min Scan# 222

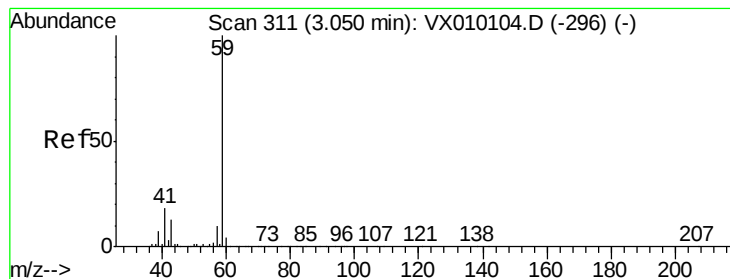
Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 77443 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 38.2  | 33.0  | 49.4  |
| 141       | 14.2  | 11.4  | 17.0  |





#11

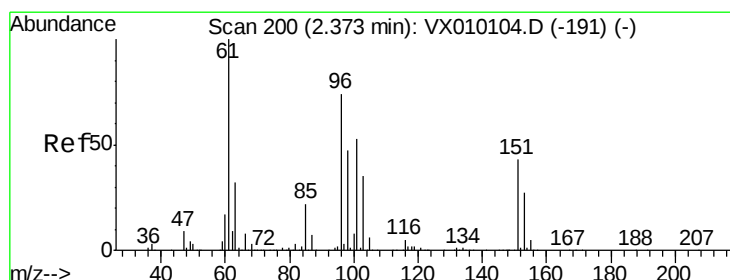
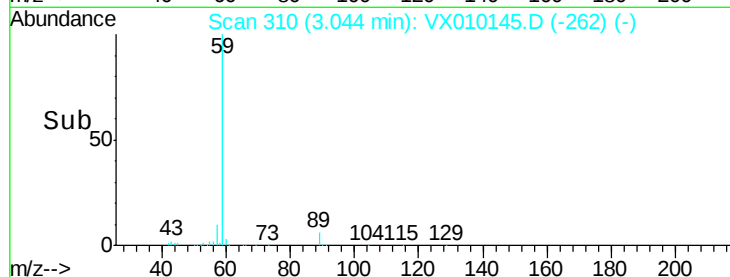
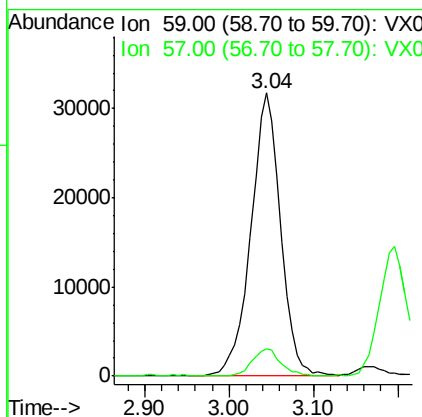
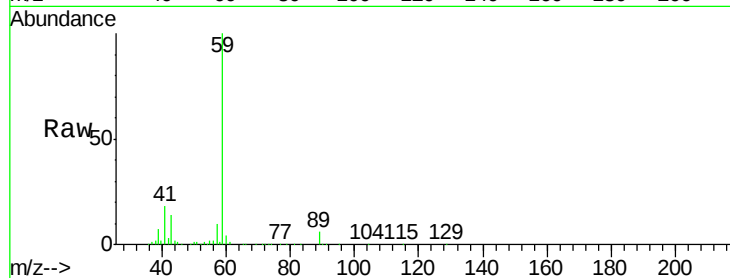
Tert butyl alcohol  
Concen: 113.003 ug/l  
RT: 3.04 min Scan# 310  
Delta R.T. -0.01 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0608WBSD01

| Tot Ion   | 59  | Resp  | 76208 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 57        | 8.8 | 8.2   | 12.2  |

Manual Integrations  
APPROVED

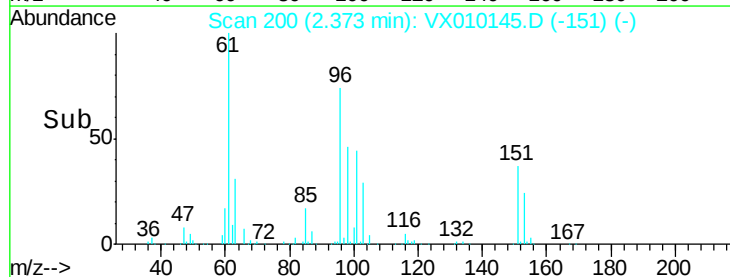
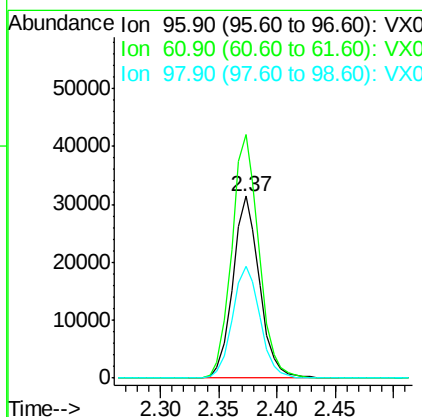
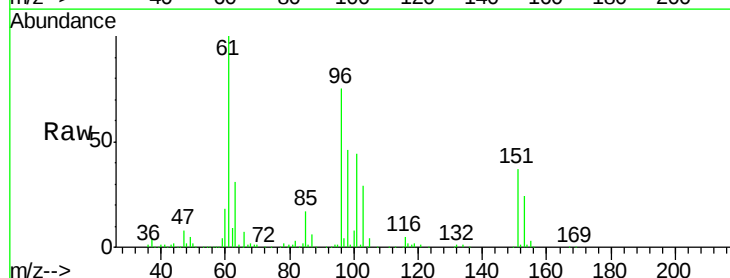
MMDadoda  
6/10/2019 9:40:31 AM

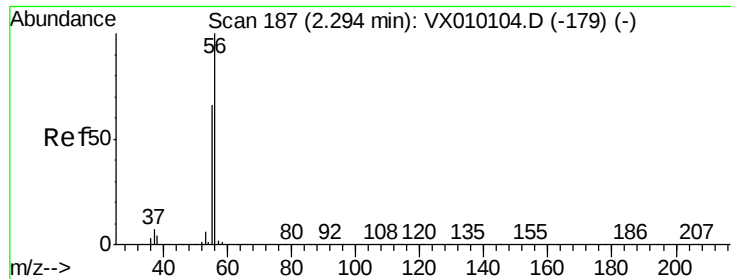


#12

1,1-Dichloroethene  
Concen: 19.796 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

| Tgt Ion   | 96    | Resp  | 50149  |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 61        | 134.0 | 140.7 | 211.1# |
| 98        | 61.7  | 50.1  | 75.1   |





#13

Acrolein

Concen: 109.898 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBSD01

Tot Ion: 56 Resp: 13514

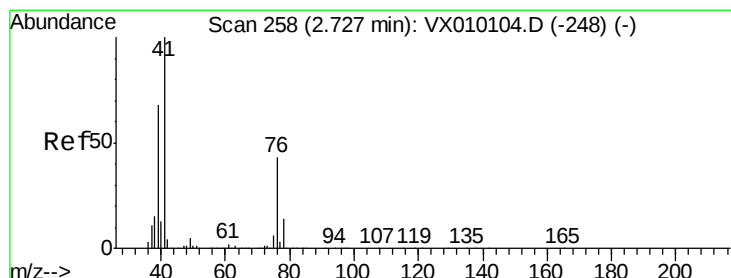
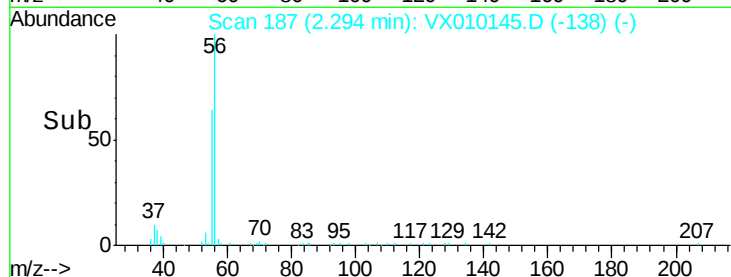
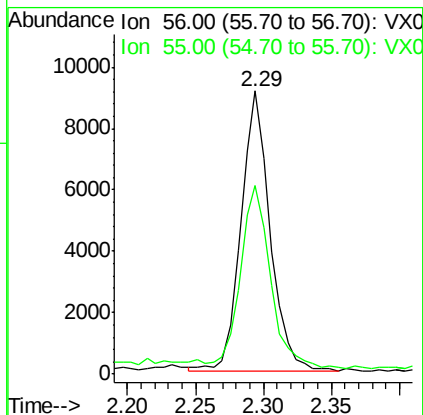
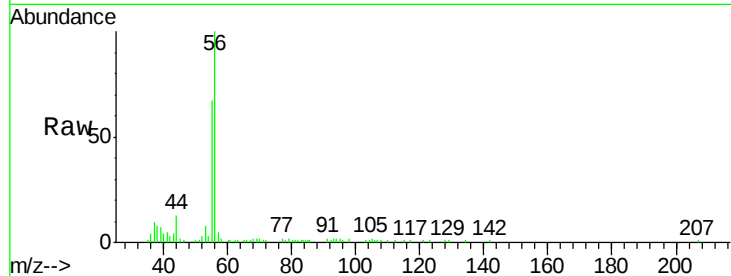
Ion Ratio Lower Upper

56 100

55 69.0 57.0 85.4

Manual Integrations  
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6/10/2019 9:40:31 AM



#14

Allyl chloride

Concen: 19.174 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

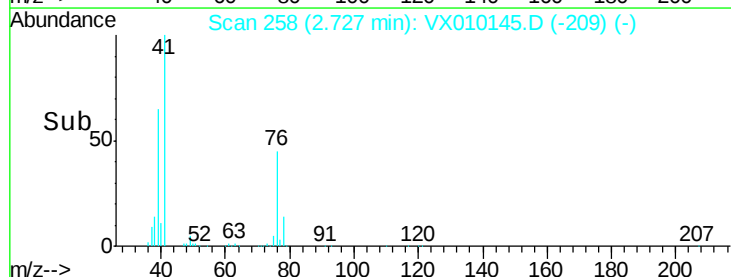
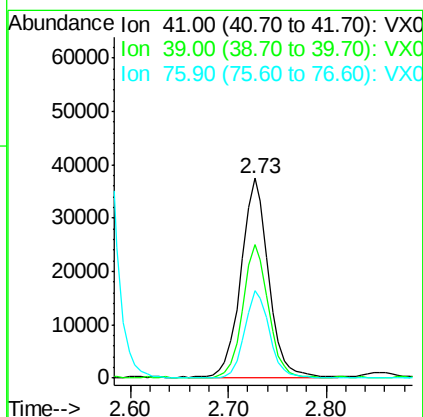
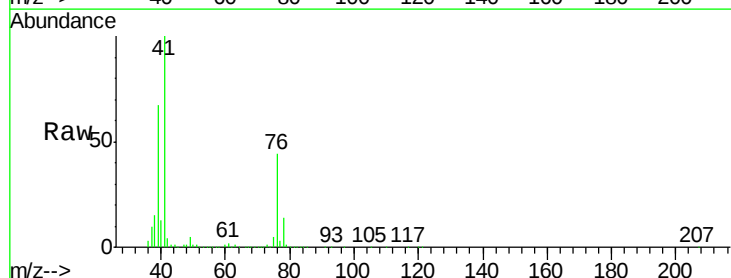
Tgt Ion: 41 Resp: 73318

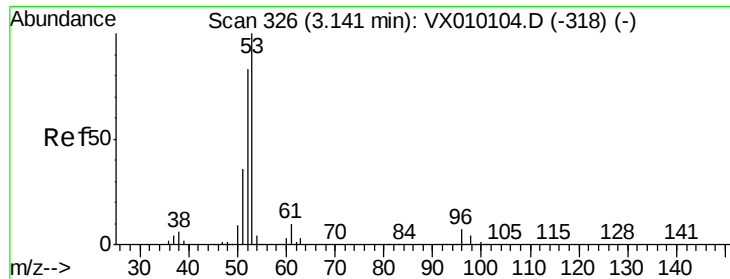
Ion Ratio Lower Upper

41 100

39 61.5 46.7 70.1

76 39.2 21.0 31.4#





#15

Acrylonitrile

Concen: 99.850 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

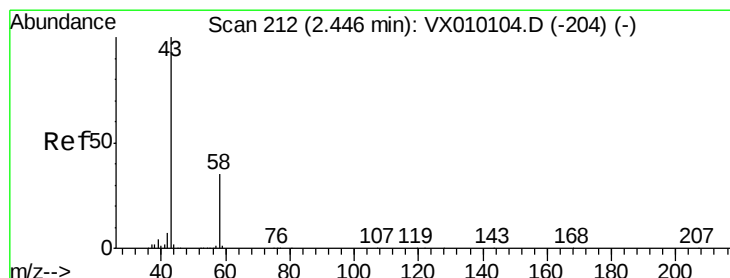
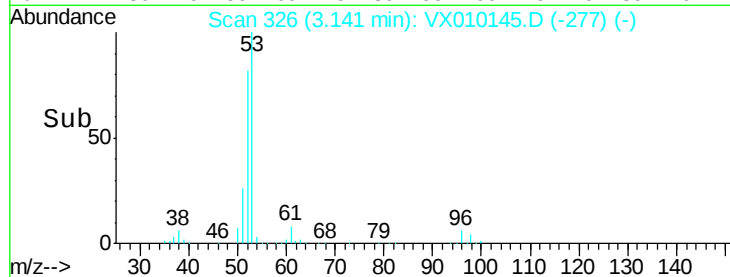
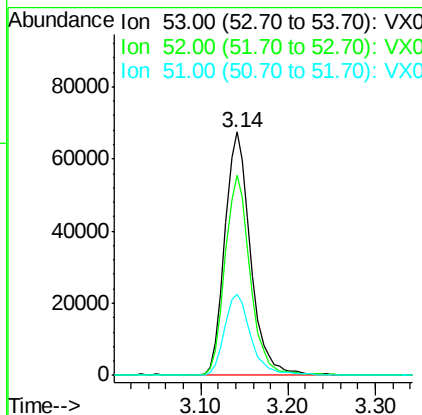
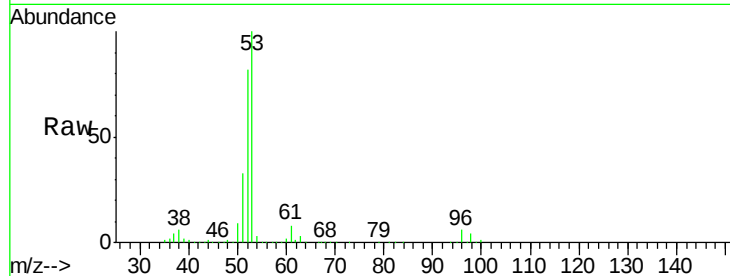
ClientSampleId :

VX0608WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 137637 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 81.2  | 66.7  | 100.1  |
| 51        | 34.4  | 28.8  | 43.2   |

Manual Integrations  
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6/10/2019 9:40:31 AM



#16

Acetone

Concen: 92.192 ug/l

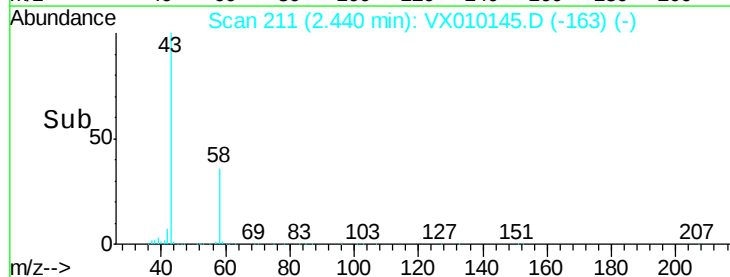
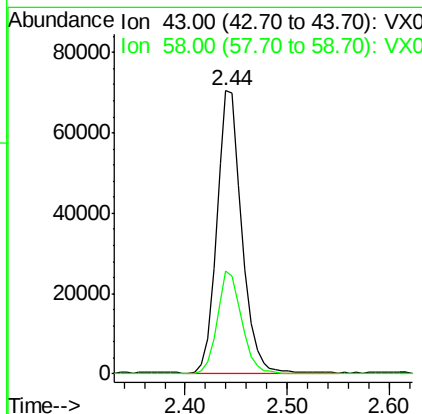
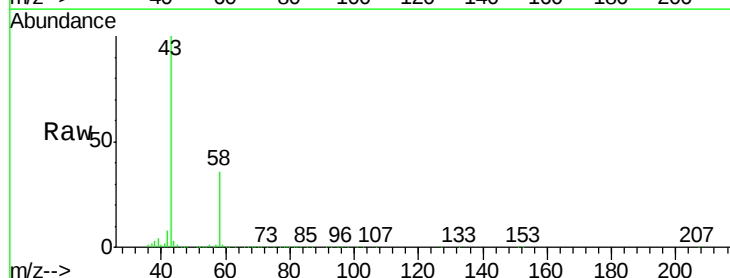
RT: 2.44 min Scan# 211

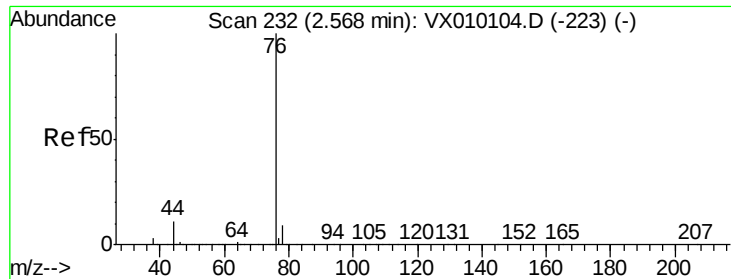
Delta R.T. -0.01 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 119371 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 36.3  | 23.2  | 34.8#  |





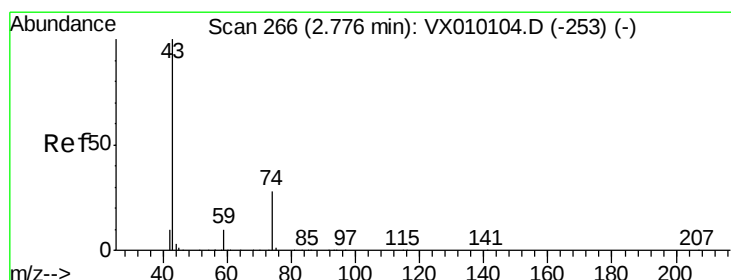
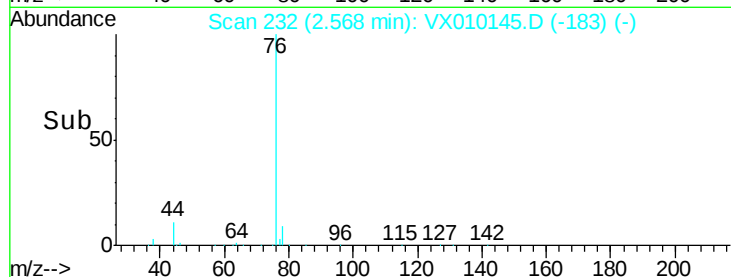
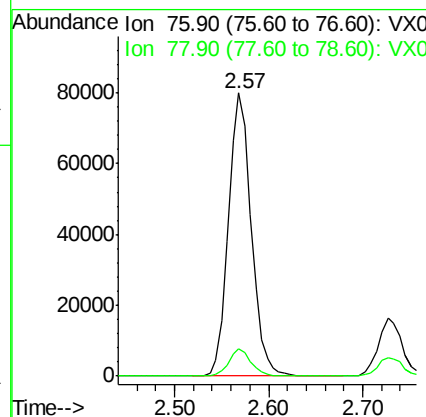
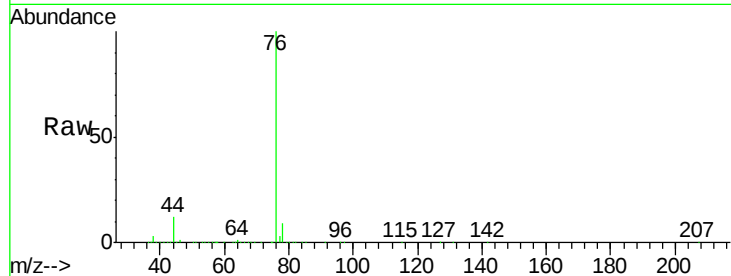
#17  
Carbon Disulfide  
Concen: 18.396 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.5   | 7.0   | 10.6  |

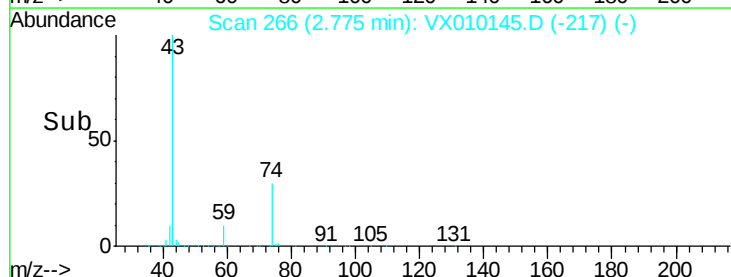
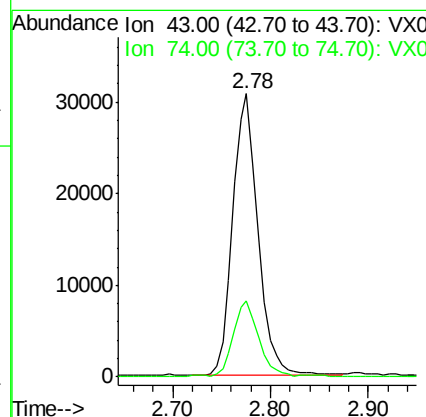
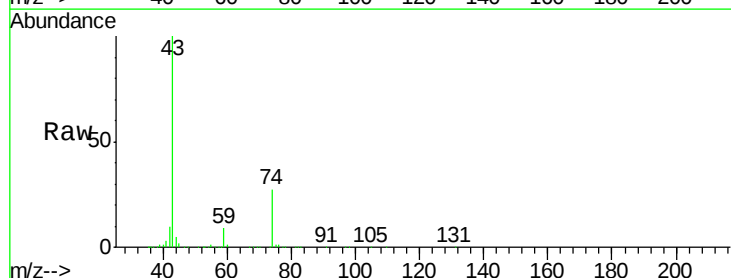
Manual Integrations  
APPROVED

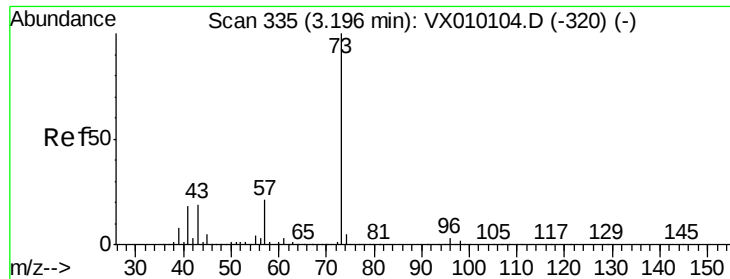
MMDadoda  
6/10/2019 9:40:31 AM



#18  
Methyl Acetate  
Concen: 19.250 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 28.0  | 15.8  | 23.6# |





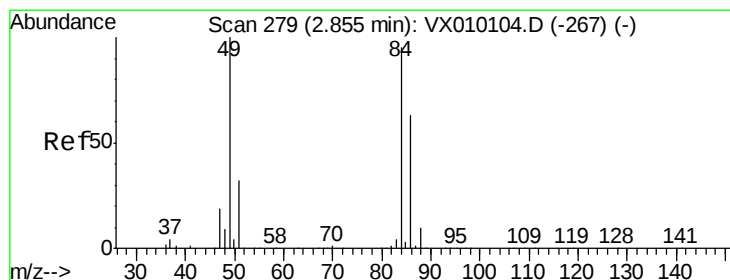
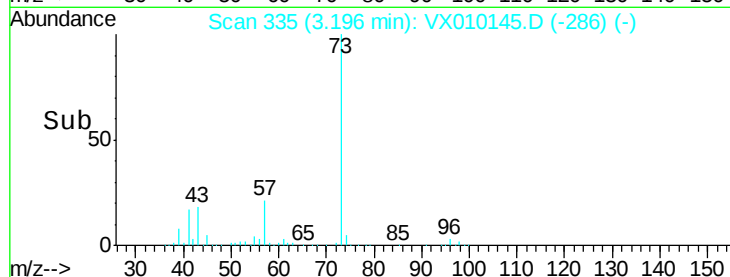
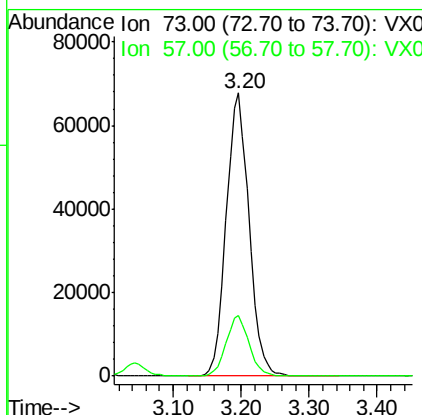
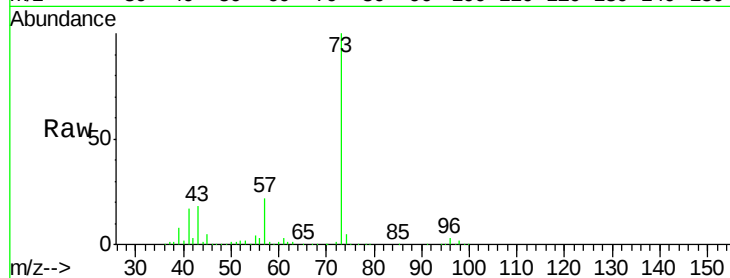
#19  
Methvl tert-butvl Ether  
Concen: 19.357 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.5  | 19.4  | 29.2  |

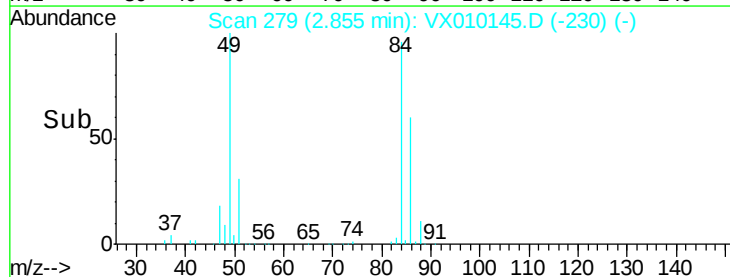
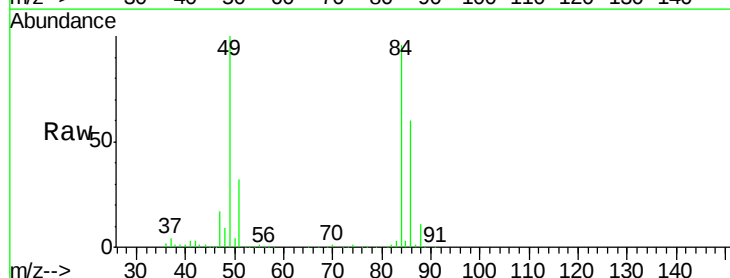
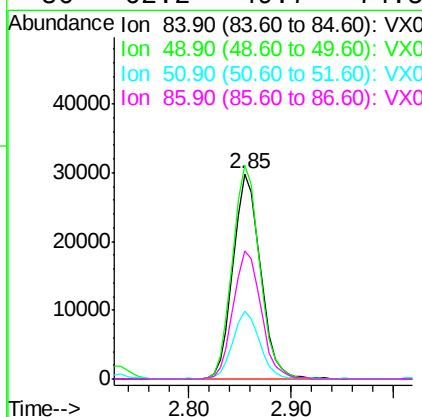
Manual Integrations  
APPROVED

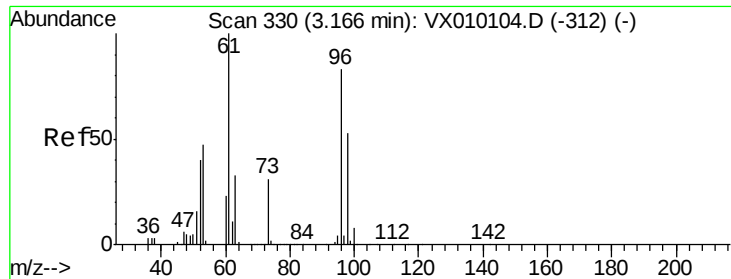
MMDadoda  
6/10/2019 9:40:31 AM



#20  
Methylene Chloride  
Concen: 19.496 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 84      | 100   |       |        |
| 49      | 104.0 | 115.8 | 173.6# |
| 51      | 32.7  | 34.4  | 51.6#  |
| 86      | 62.2  | 49.7  | 74.5   |





#21

trans-1,2-Dichloroethene

Concen: 18.955 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

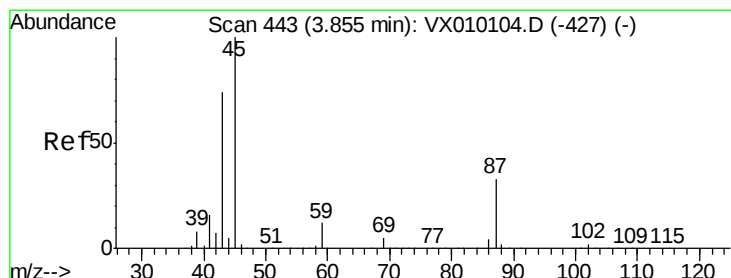
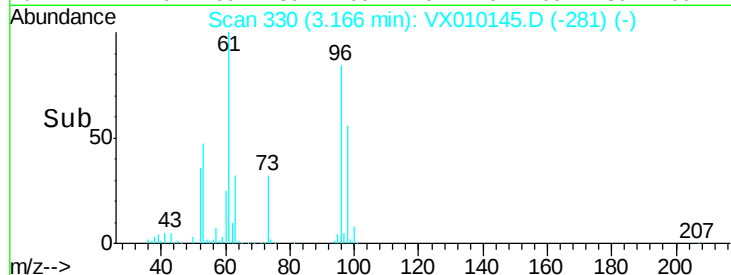
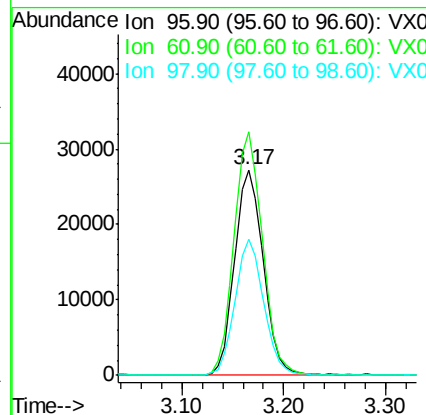
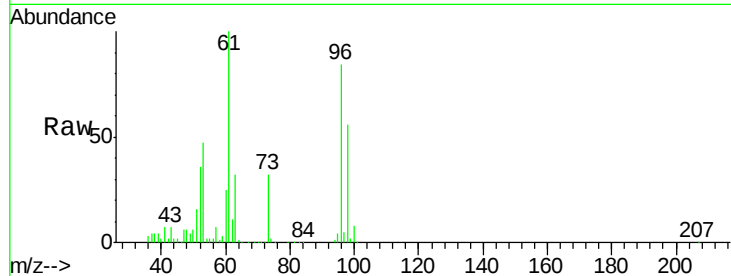
ClientSampleId :

VX0608WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 53139  |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 118.5 | 125.7 | 188.5# |
| 98       | 65.9  | 49.0  | 73.6   |

Manual Integrations  
APPROVED

MMDadoda  
6/10/2019 9:40:31 AM



#22

Diisopropyl ether

Concen: 19.811 ug/l

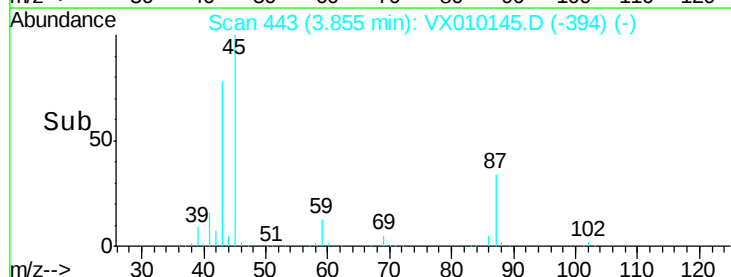
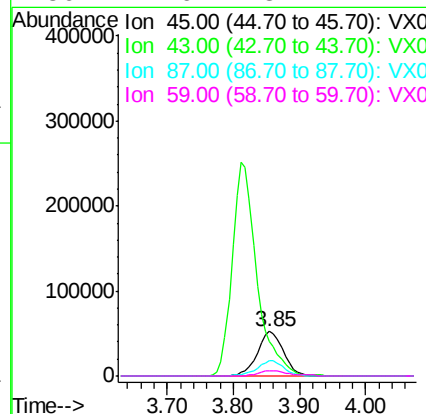
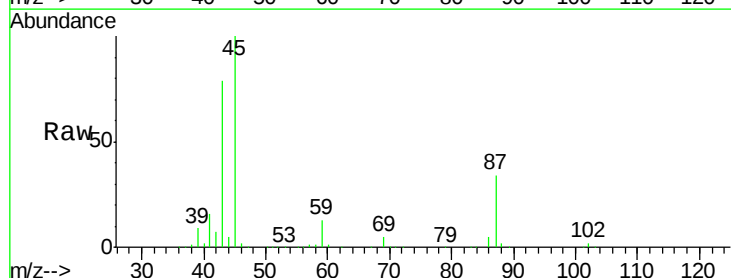
RT: 3.85 min Scan# 443

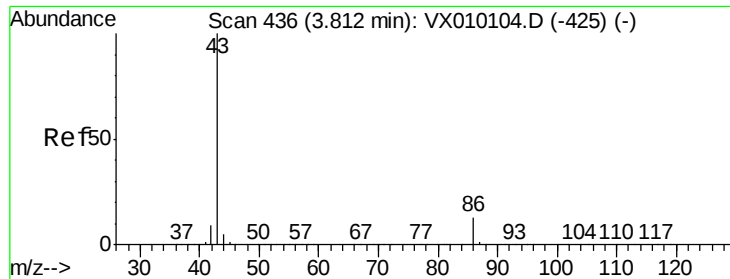
Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 144838 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 78.3  | 65.0  | 97.4   |
| 87       | 34.4  | 17.3  | 25.9#  |
| 59       | 12.6  | 8.1   | 12.1#  |





#23

Vinyl Acetate

Concen: 99.644 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBSD01

Tot Ion: 43 Resp: 649894

Ion Ratio Lower Upper

43 100

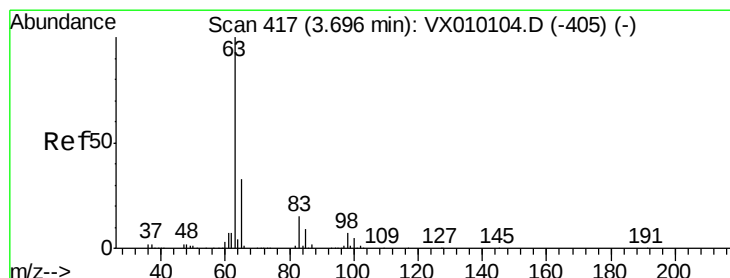
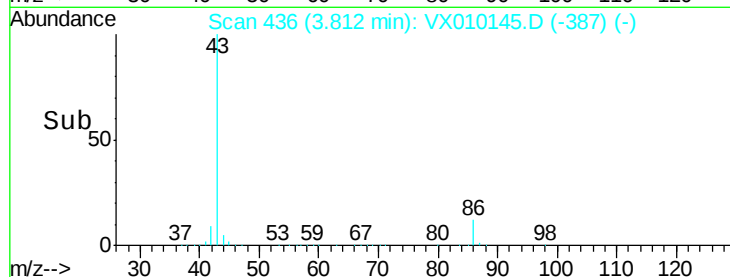
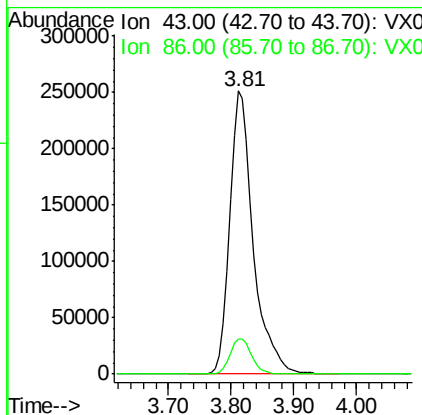
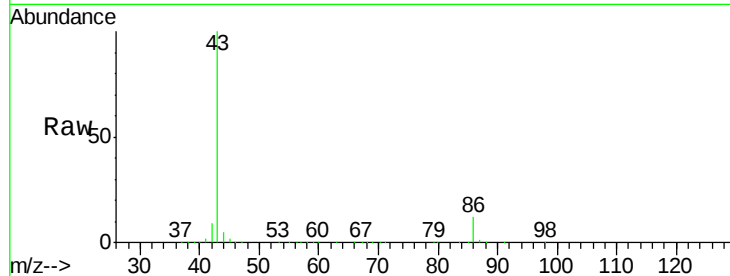
86 12.3 6.5 9.7#

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#24

1,1-Dichloroethane

Concen: 19.408 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

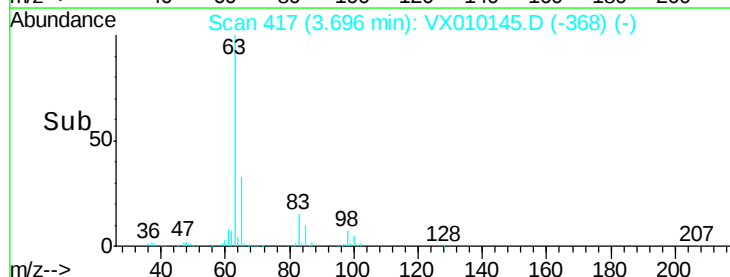
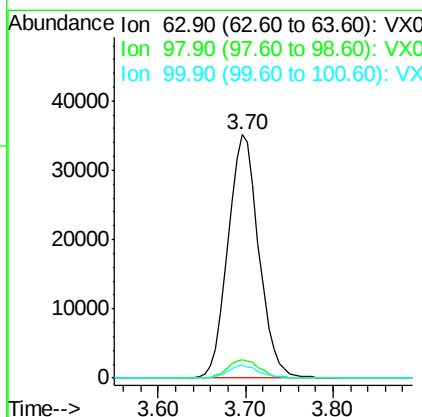
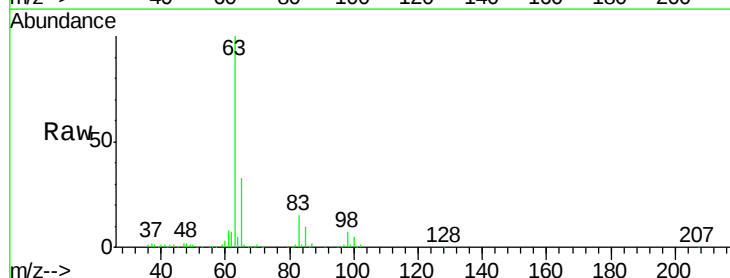
Tgt Ion: 63 Resp: 86151

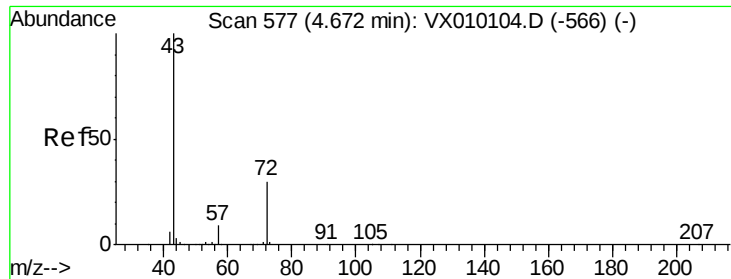
Ion Ratio Lower Upper

63 100

98 7.3 2.9 8.8

100 5.2 1.8 5.4





#25

2-Butanone

Concen: 97.598 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBSD01

Tot Ion: 43 Resp: 188177

Ion Ratio Lower Upper

43 100

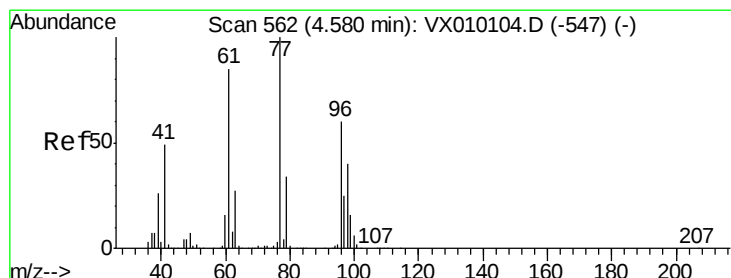
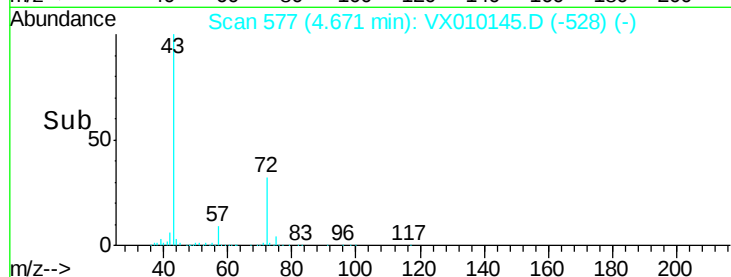
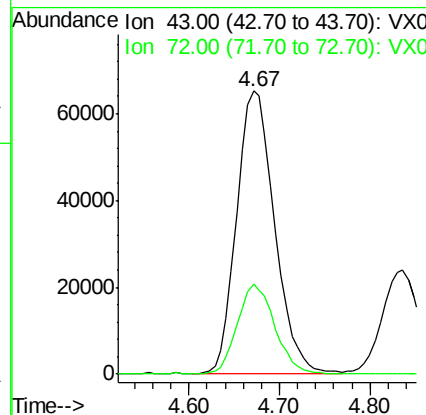
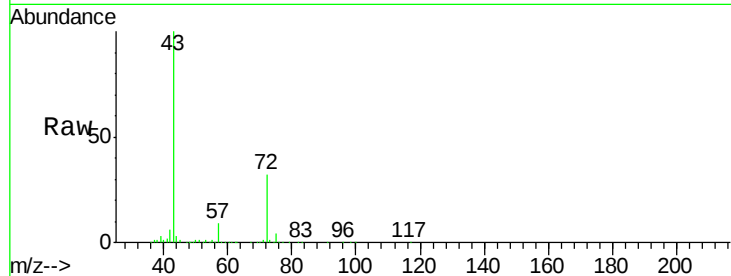
72 31.5 17.5 26.3#

Manual Integrations

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6/10/2019 9:40:31 AM



#26

2,2-Dichloropropane

Concen: 18.275 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010145.D

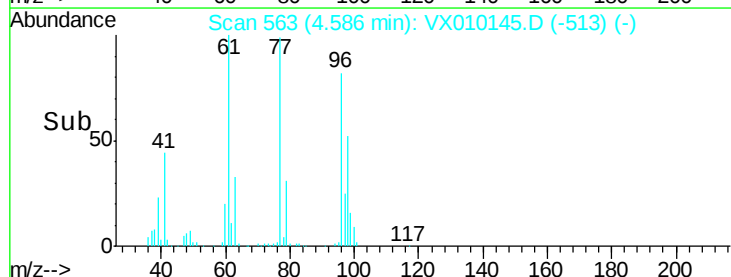
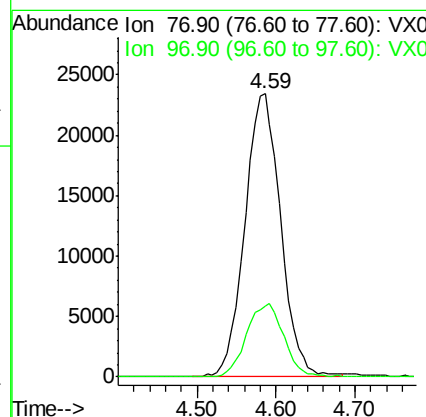
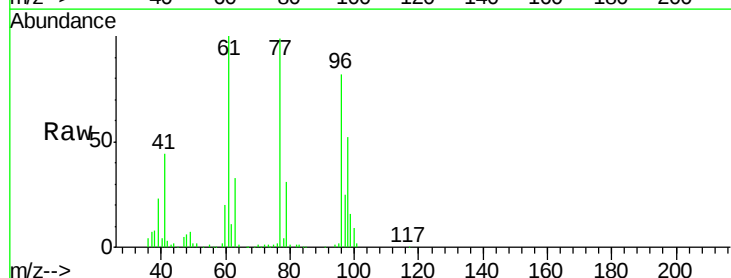
Acq: 08 Jun 2019 17:53

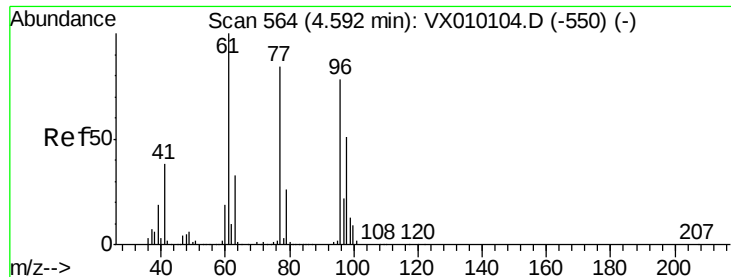
Tgt Ion: 77 Resp: 74006

Ion Ratio Lower Upper

77 100

97 26.9 11.4 34.2





#27

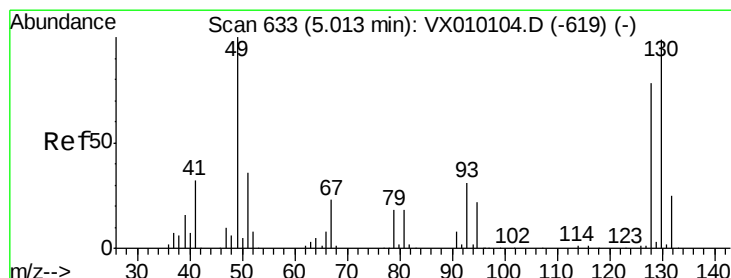
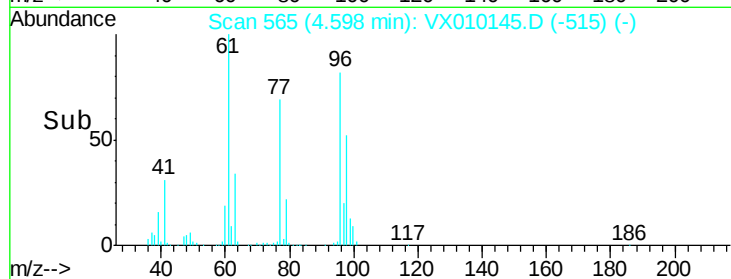
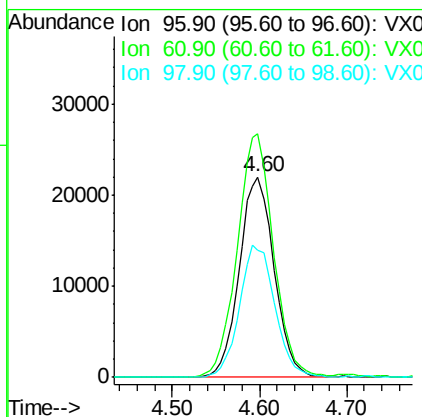
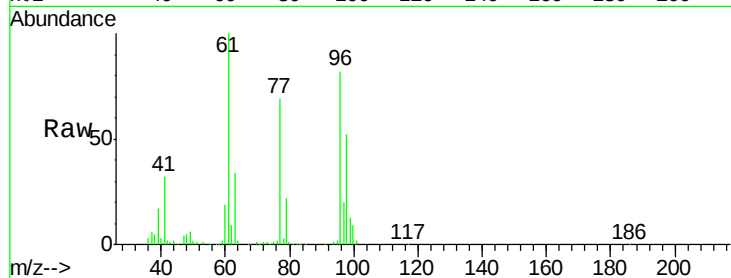
cis-1,2-Dichloroethene  
 Concen: 19.606 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. 0.01 min  
 Lab File: VX010145.D  
 Acq: 08 Jun 2019 17:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 126.0 | 0.0   | 334.0 |
| 98      | 67.0  | 0.0   | 131.6 |

Manual Integrations  
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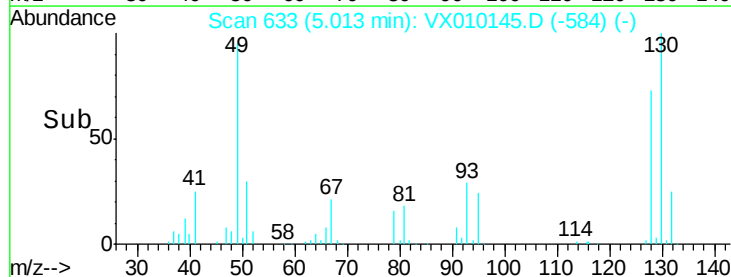
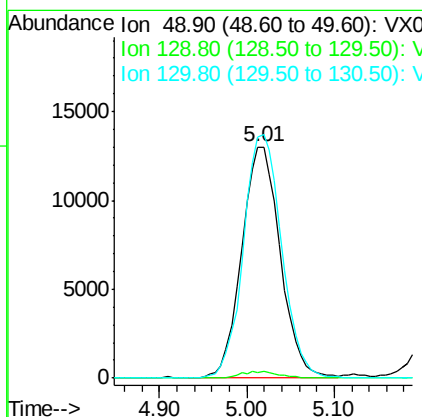
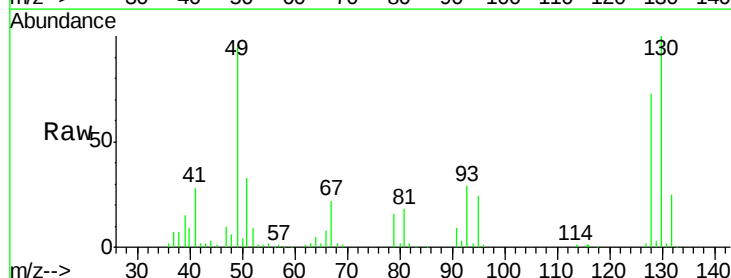
MMDadoda  
 6/10/2019 9:40:31 AM

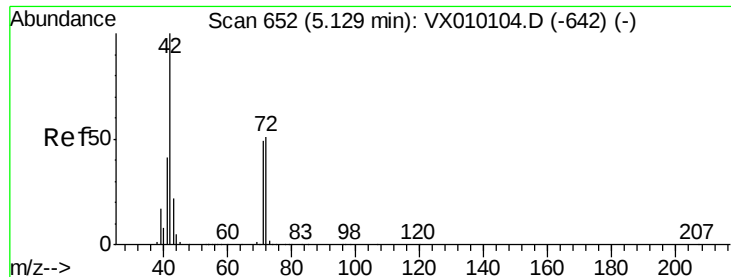


#28

Bromochloromethane  
 Concen: 20.045 ug/l  
 RT: 5.01 min Scan# 633  
 Delta R.T. -0.00 min  
 Lab File: VX010145.D  
 Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.9   | 0.0   | 3.4   |
| 130     | 104.3 | 49.4  | 74.2# |





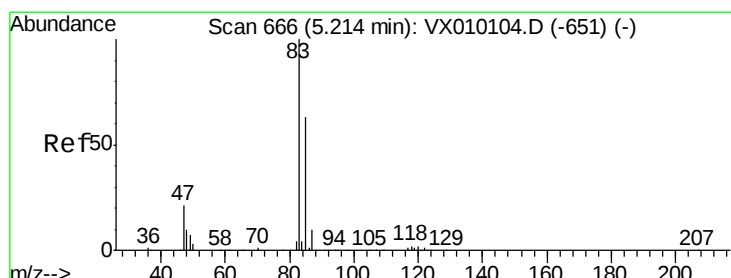
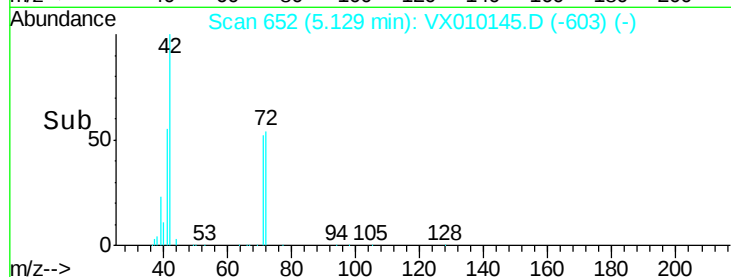
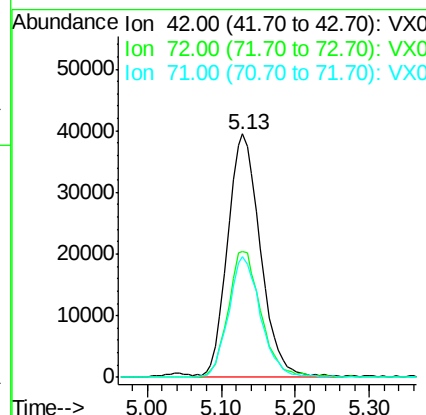
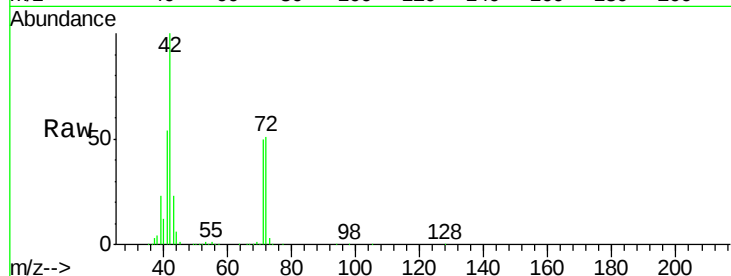
#29  
Tetrahydrofuran  
Concen: 99.419 ug/l  
RT: 5.13 min Scan# 652  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 52.4  | 29.2  | 43.8# |
| 71      | 48.7  | 27.6  | 41.4# |

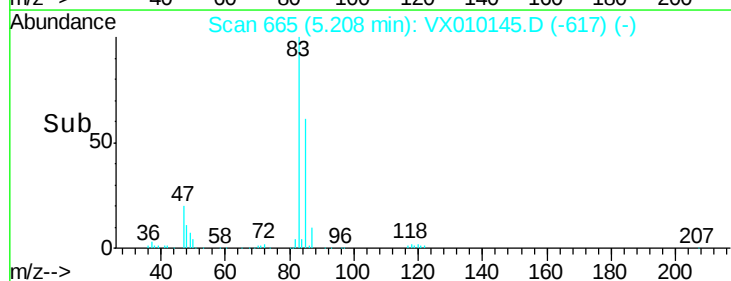
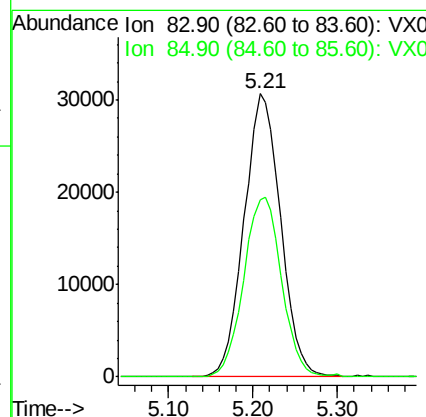
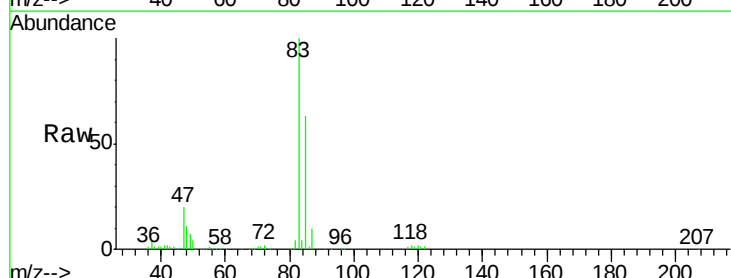
Manual Integrations  
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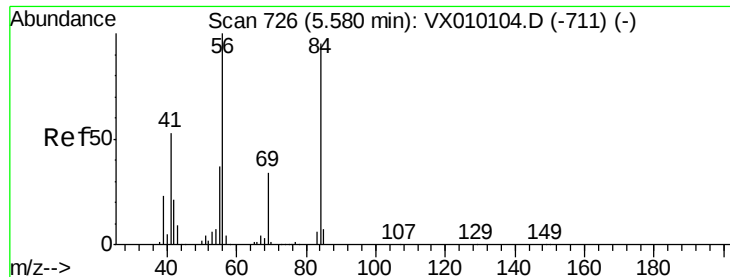
MMDadoda  
6/10/2019 9:40:31 AM



#30  
Chloroform  
Concen: 19.561 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. -0.01 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.5  | 52.6  | 78.8  |





#31

Cyclohexane

Concen: 19.932 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

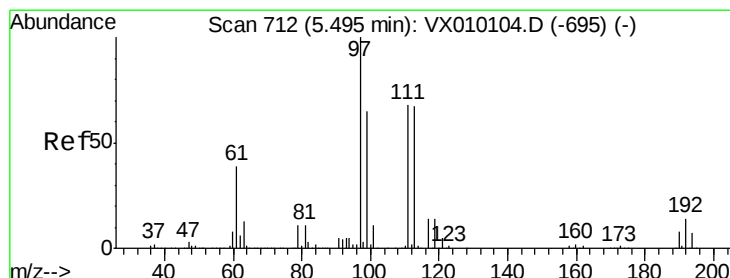
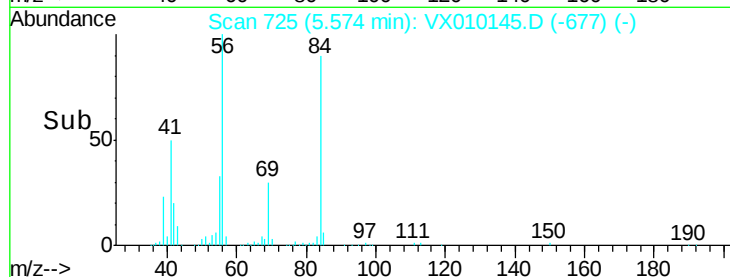
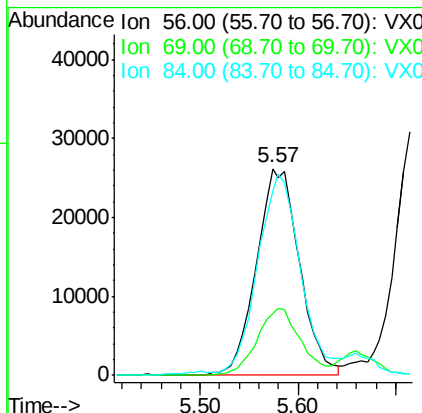
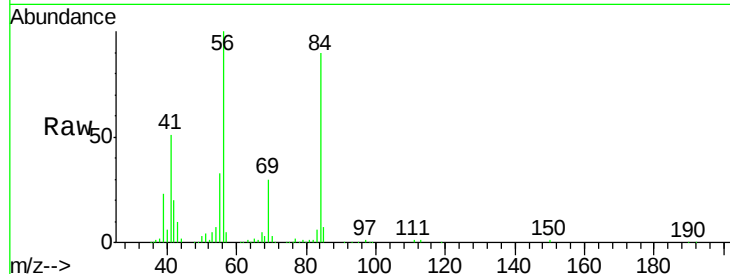
ClientSampleId :

VX0608WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 29.7  | 21.6  | 32.4  |
| 84      | 88.2  | 56.8  | 85.2# |

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6/10/2019 9:40:31 AM



#32

1,1,1-Trichloroethane

Concen: 18.973 ug/l

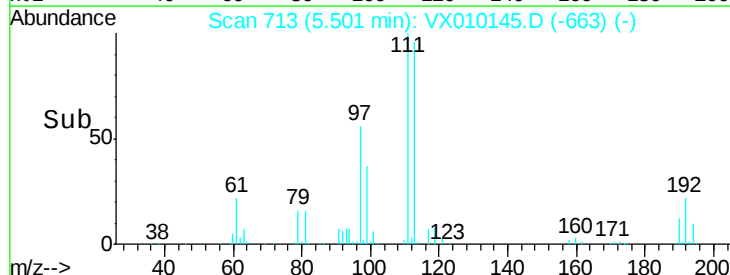
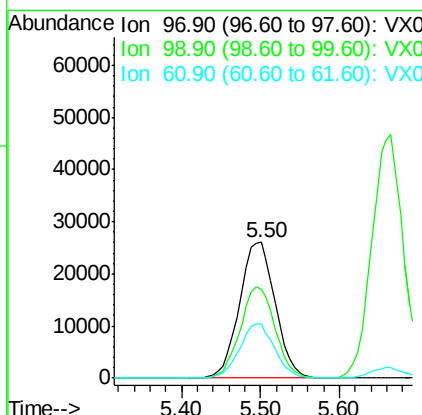
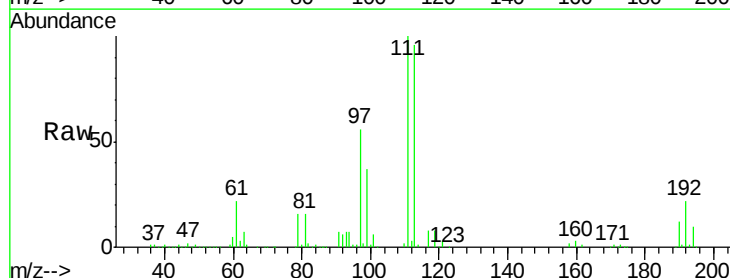
RT: 5.50 min Scan# 713

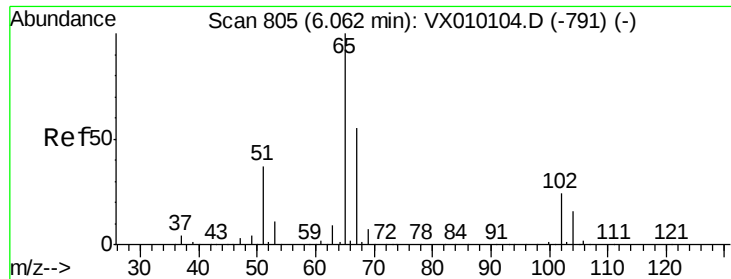
Delta R.T. 0.01 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.7  | 51.0  | 76.4  |
| 61      | 39.4  | 38.7  | 58.1  |





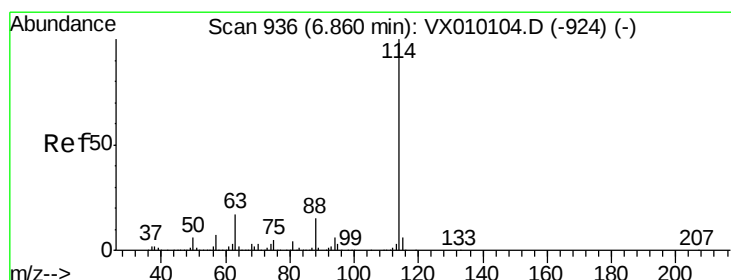
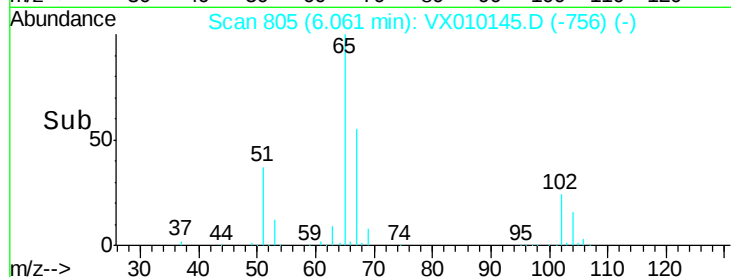
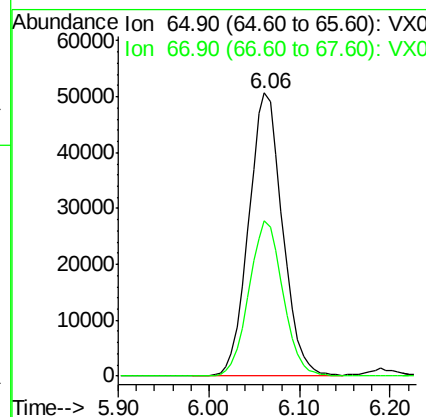
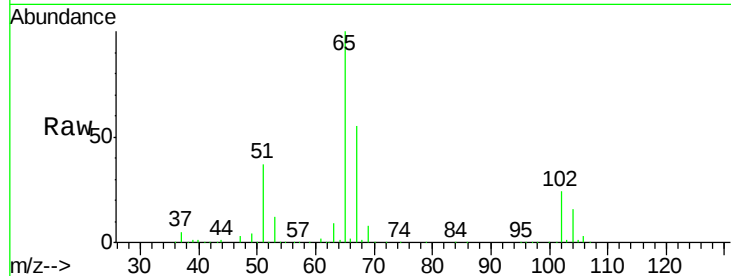
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.480 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: VX010145.D  
 Acq: 08 Jun 2019 17:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 54.8  | 0.0   | 108.4 |

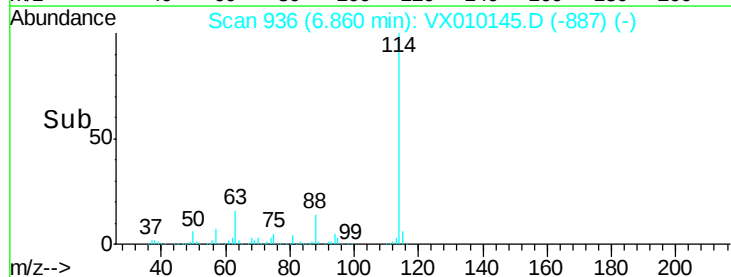
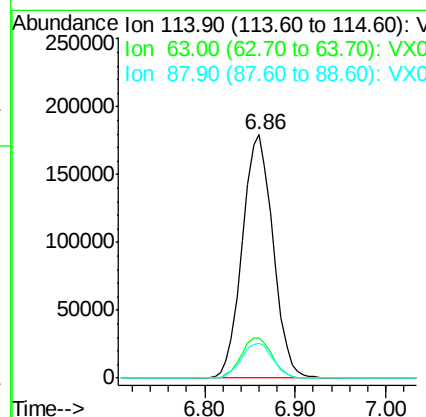
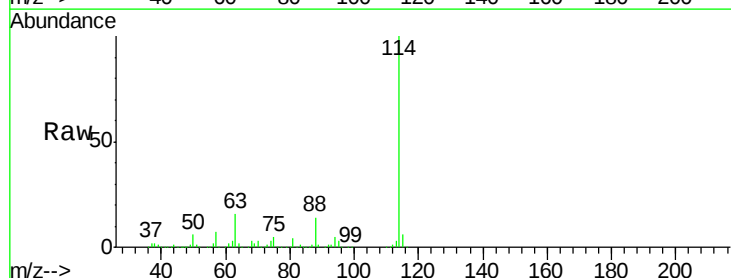
Manual Integrations  
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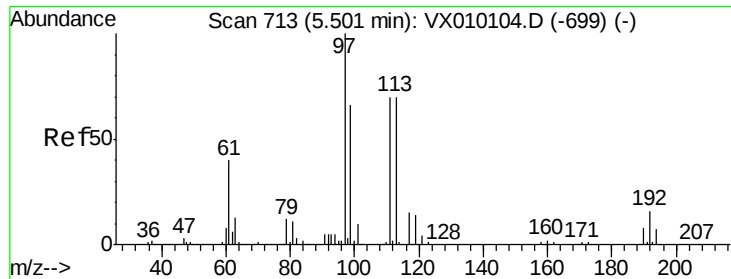
MMDadoda  
 6/10/2019 9:40:31 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX010145.D  
 Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 16.3  | 0.0   | 47.4  |
| 88      | 14.4  | 0.0   | 33.0  |





#35

Dibromofluoromethane

Concen: 50.338 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

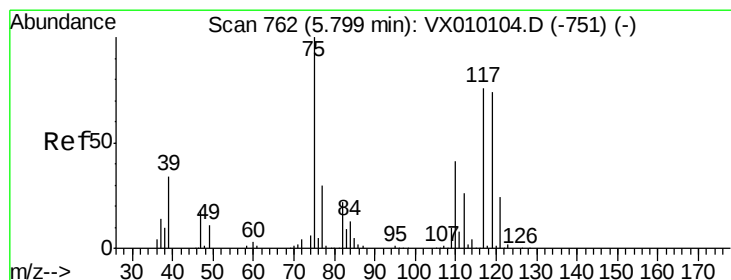
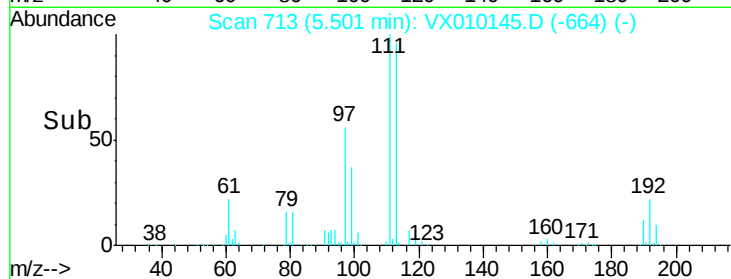
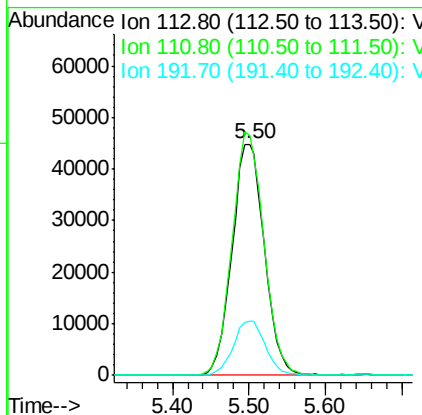
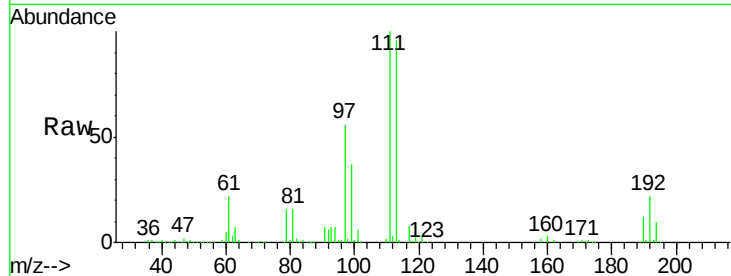
ClientSampleId :

VX0608WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 131029 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.7 | 82.2  | 123.2  |
| 192       | 23.5  | 17.1  | 25.7   |

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6/10/2019 9:40:31 AM



#36

1,1-Dichloropropene

Concen: 19.501 ug/l

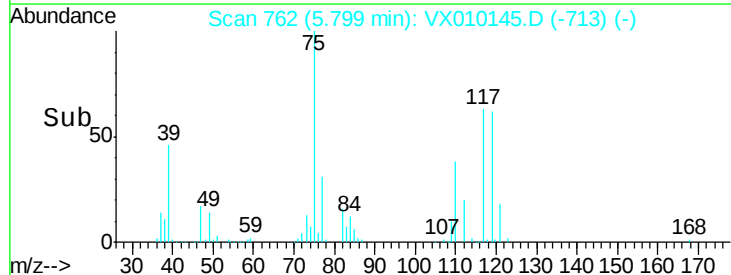
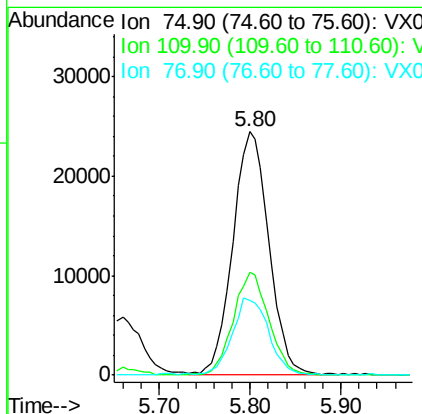
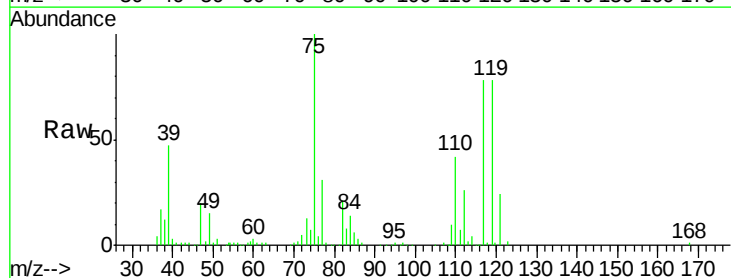
RT: 5.80 min Scan# 762

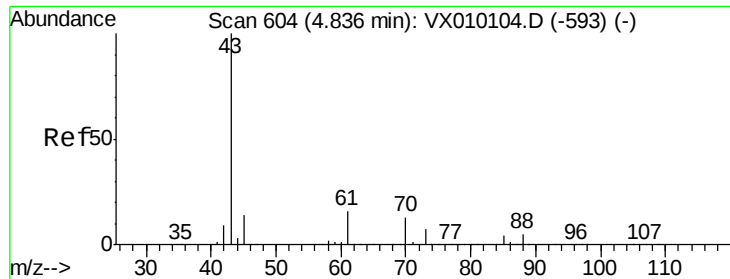
Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 67139 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 42.1  | 16.7  | 50.1  |
| 77        | 32.2  | 25.0  | 37.4  |





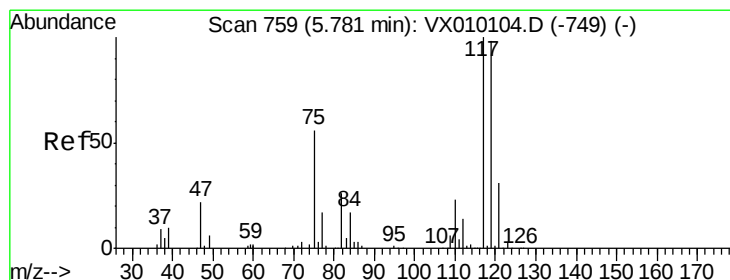
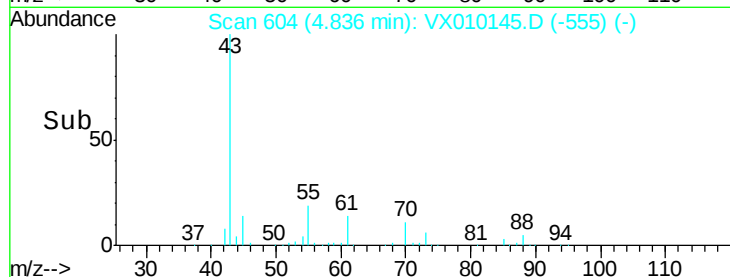
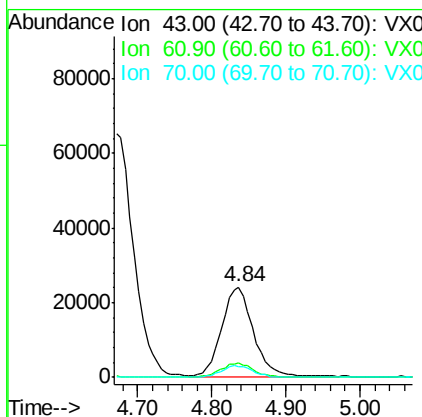
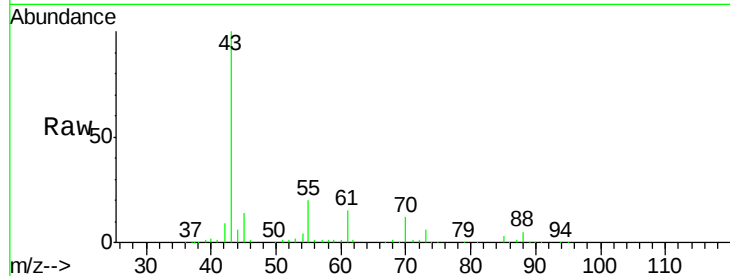
#37  
Ethyl Acetate  
Concen: 19.633 ug/l  
RT: 4.84 min Scan# 604  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.3  | 10.2  | 15.2# |
| 70      | 13.4  | 7.4   | 11.2# |

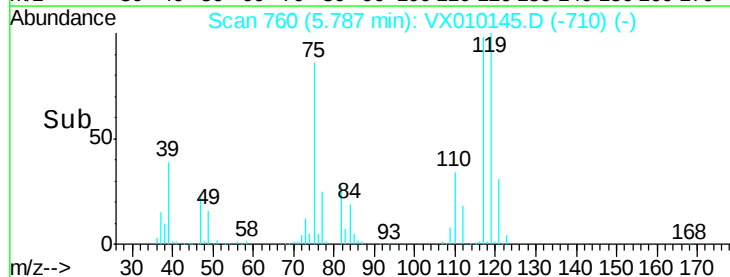
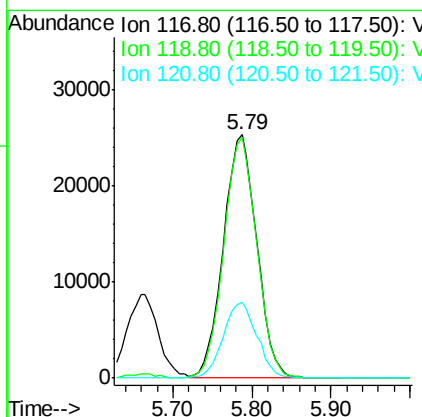
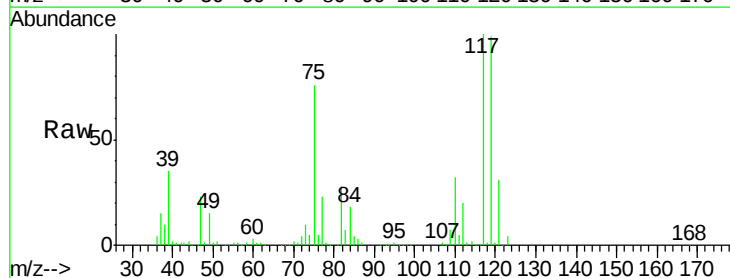
Manual Integrations  
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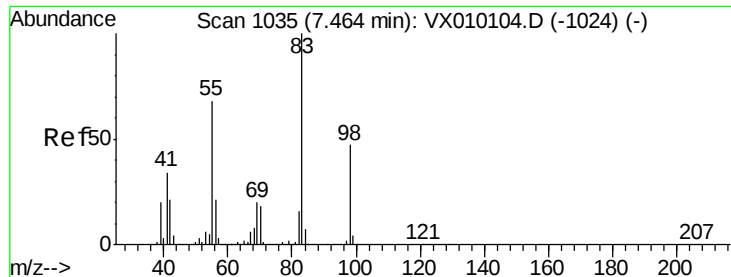
MMDadoda  
6/10/2019 9:40:31 AM



#38  
Carbon Tetrachloride  
Concen: 19.158 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. 0.01 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 99.2  | 77.3  | 115.9 |
| 121     | 31.2  | 25.4  | 38.0  |





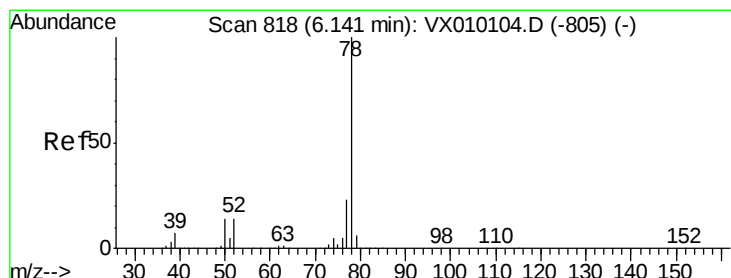
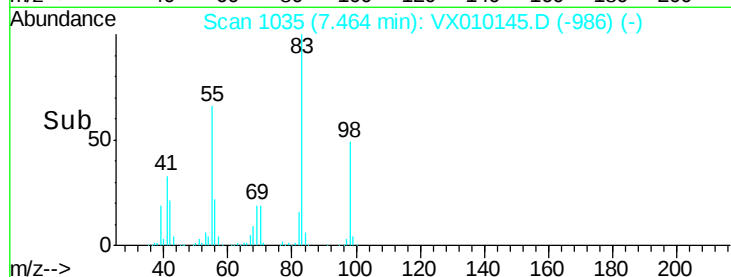
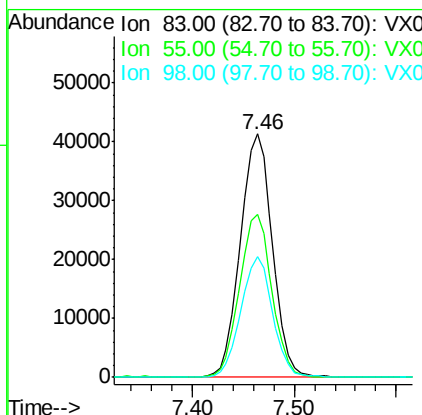
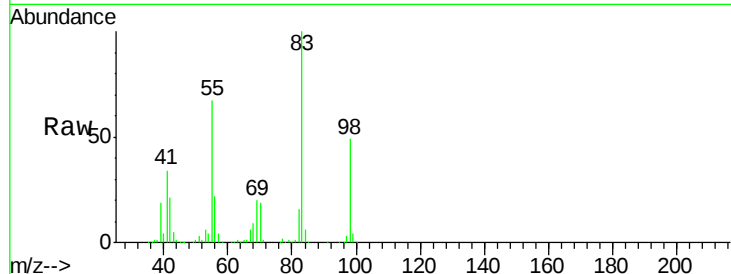
#39  
Methvlcvclohexane  
Concen: 19.315 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBSD01

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 83      | 100   |       |        |
| 55      | 66.5  | 69.9  | 104.9# |
| 98      | 49.4  | 35.1  | 52.7   |

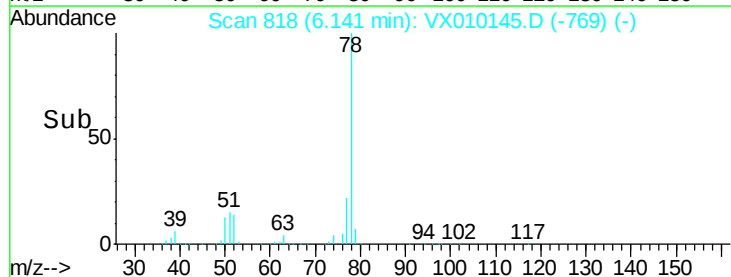
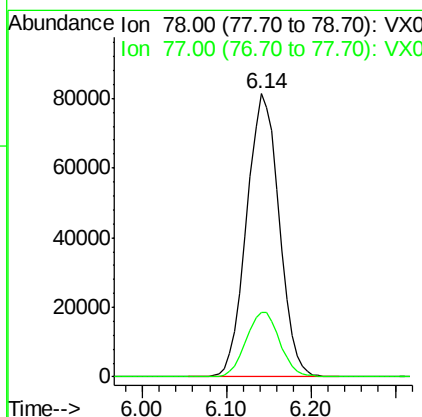
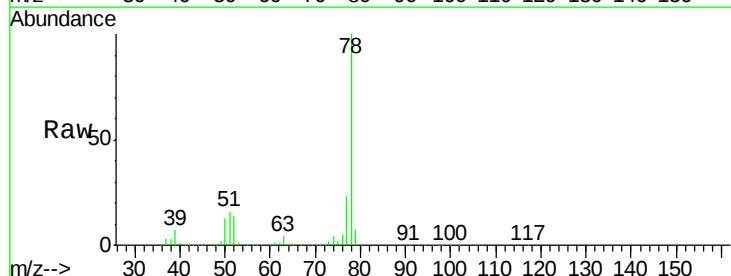
Manual Integrations  
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6/10/2019 9:40:31 AM



#40  
Benzene  
Concen: 20.048 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.0  | 19.2  | 28.8  |





#41

Methacrylonitrile

Concen: 18.803 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

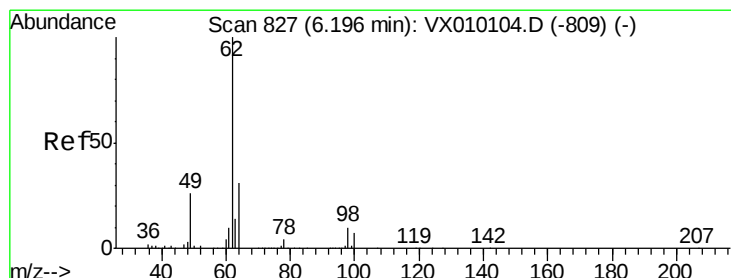
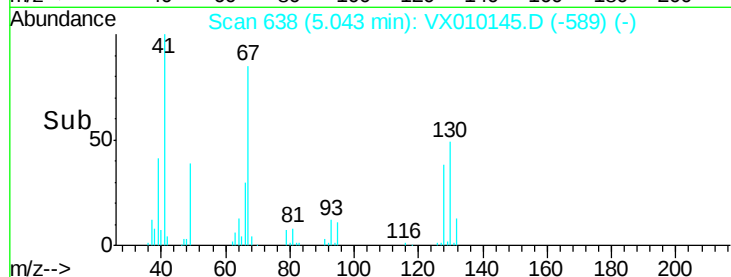
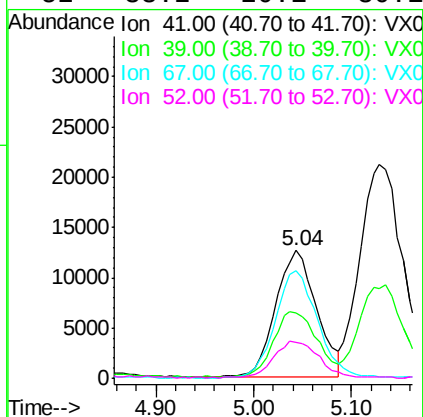
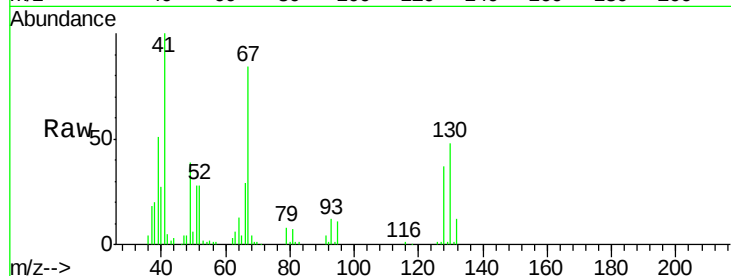
ClientSampleId :

VX0608WBSD01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 55.8 | 42.2  | 63.4  |       |
| 67      | 89.8 | 48.9  | 73.3  |       |
| 52      | 33.2 | 20.1  | 30.1  |       |

Manual Integrations  
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#42

1,2-Dichloroethane

Concen: 19.219 ug/l

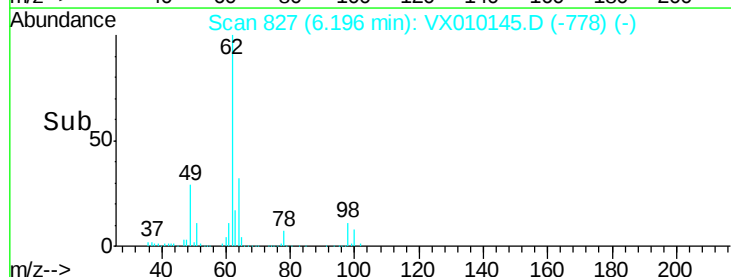
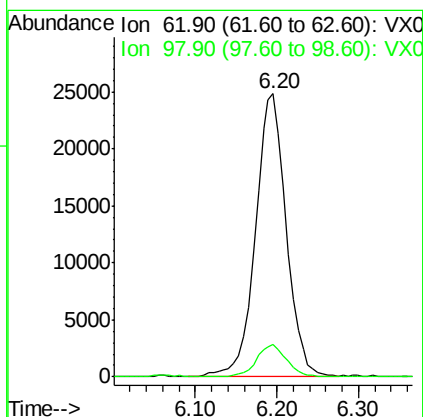
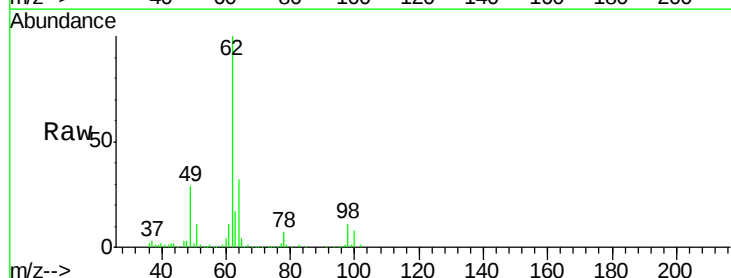
RT: 6.20 min Scan# 827

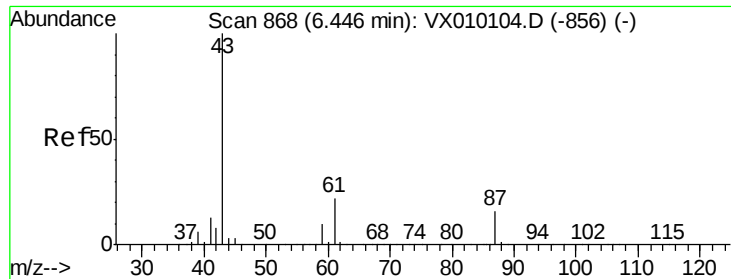
Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 62      | 100  |       |       |       |
| 98      | 11.1 | 0.0   | 17.2  |       |





#43

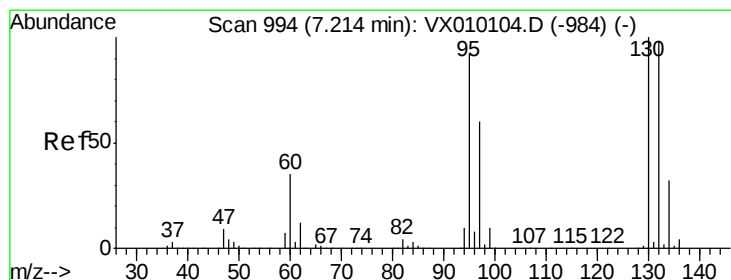
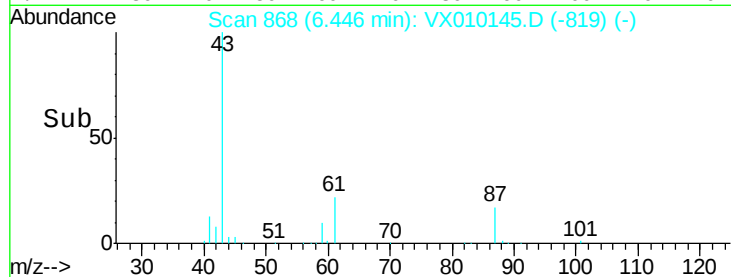
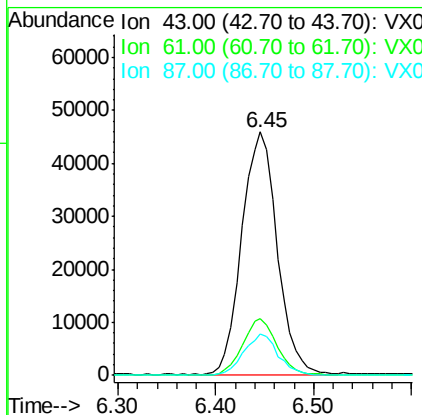
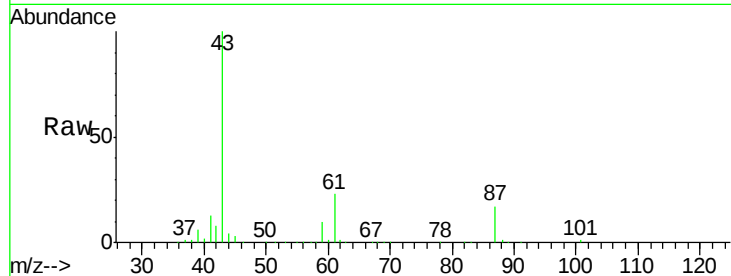
Isopropyl Acetate  
 Concen: 19.269 ug/l  
 RT: 6.45 min Scan# 868  
 Delta R.T. -0.00 min  
 Lab File: VX010145.D  
 Acq: 08 Jun 2019 17:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 22.8  | 14.6  | 21.8# |
| 87      | 16.5  | 8.7   | 13.1# |

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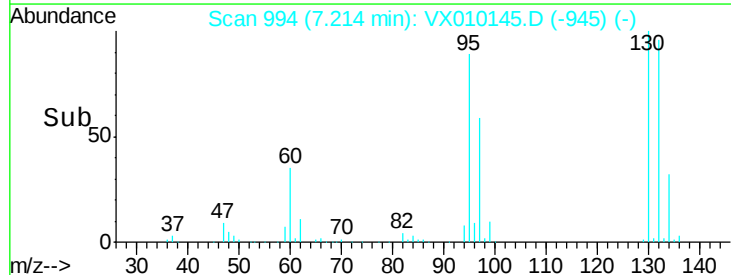
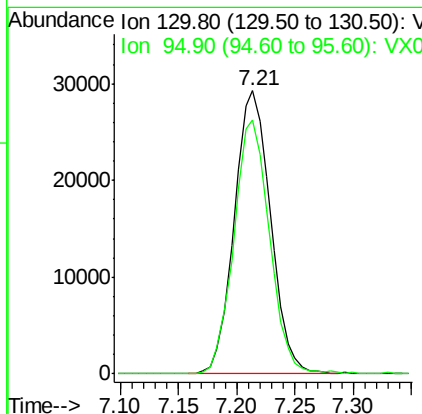
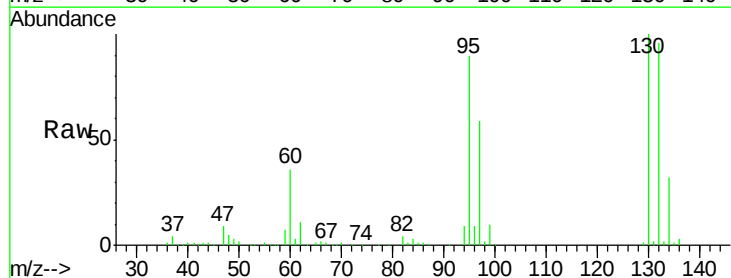
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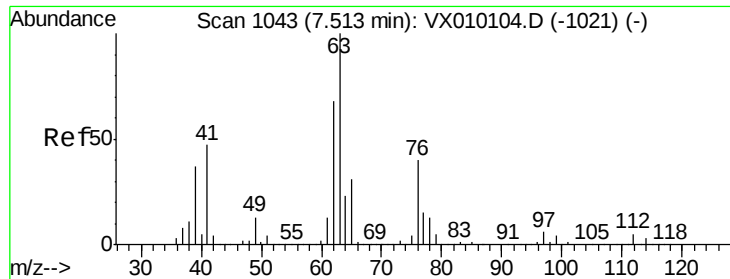


#44

Trichloroethene  
 Concen: 19.848 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VX010145.D  
 Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 89.8  | 0.0   | 207.4 |





#45

1,2-Dichloropropane

Concen: 19.968 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBSD01

Tot Ion: 63 Resp: 53206

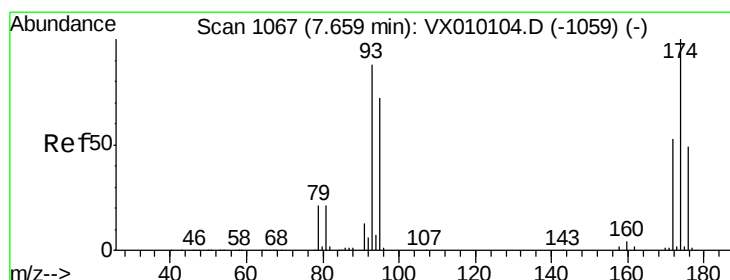
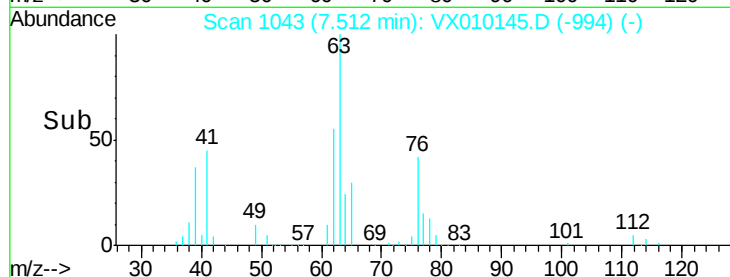
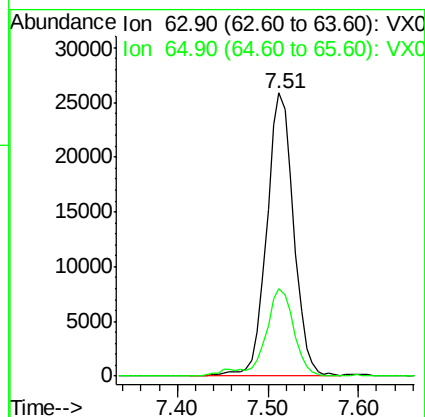
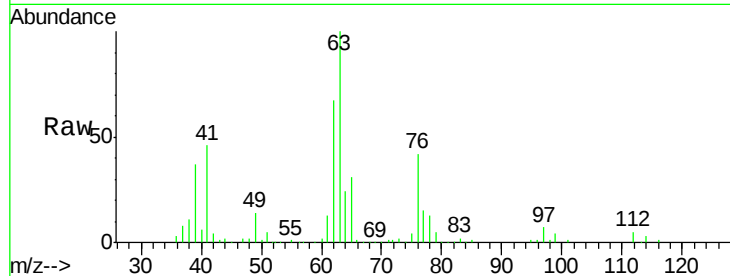
Ion Ratio Lower Upper

63 100

65 31.1 25.7 38.5

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#46

Dibromomethane

Concen: 19.265 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

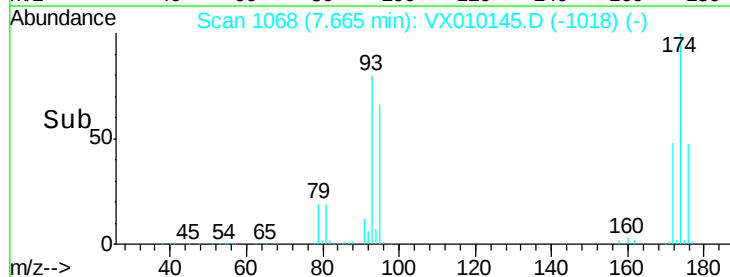
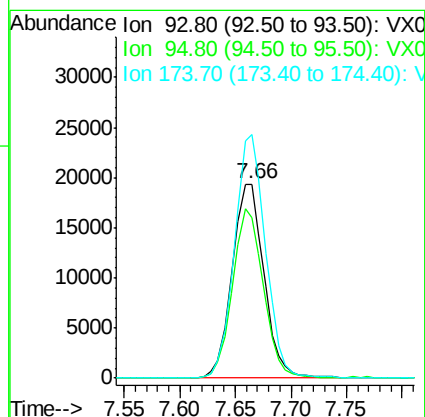
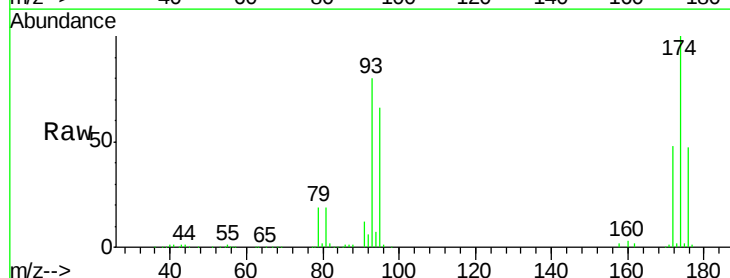
Tgt Ion: 93 Resp: 38459

Ion Ratio Lower Upper

93 100

95 84.8 66.8 100.2

174 122.2 81.9 122.9





#47

Bromodichloromethane

Concen: 19.524 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

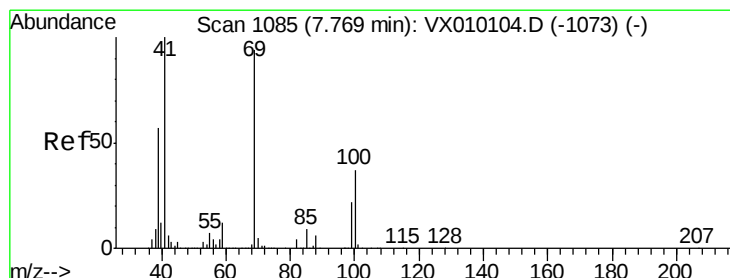
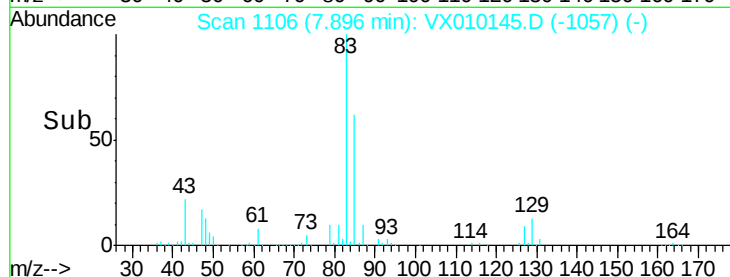
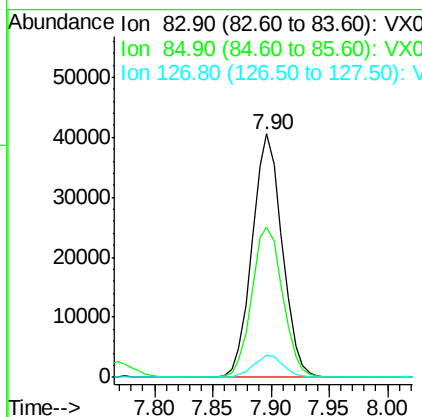
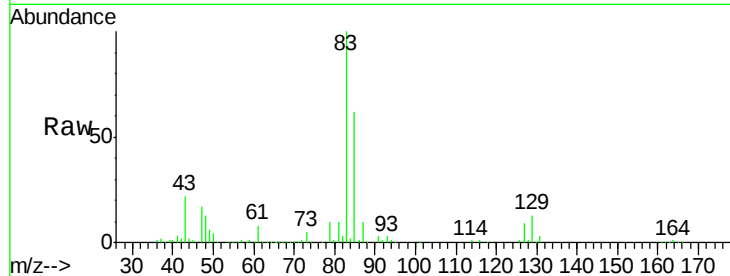
ClientSampleId :

VX0608WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 72829 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.7  | 51.4  | 77.2  |
| 127      | 9.3   | 6.4   | 9.6   |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 19.645 ug/l

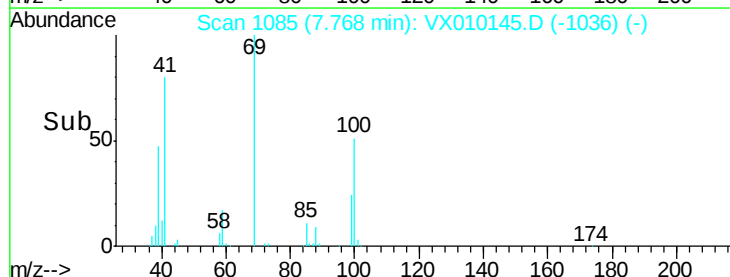
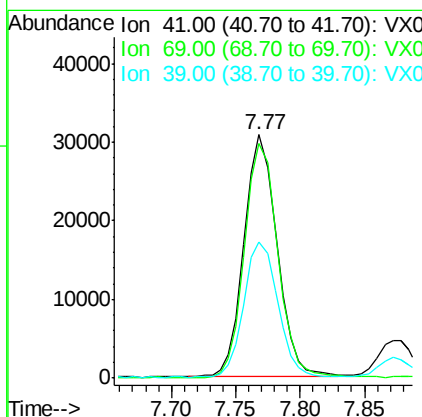
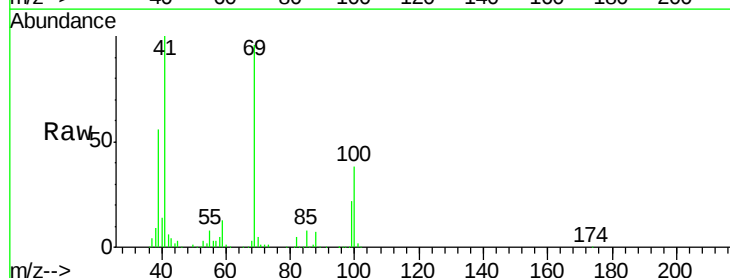
RT: 7.77 min Scan# 1085

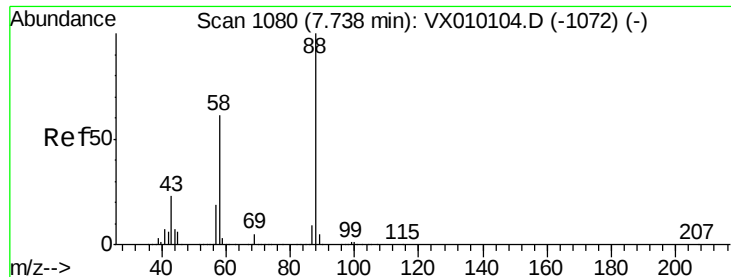
Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 55028 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 98.3  | 56.4  | 84.6# |
| 39       | 57.2  | 40.6  | 60.8  |





#49

1,4-Dioxane

Concen: 420.676 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

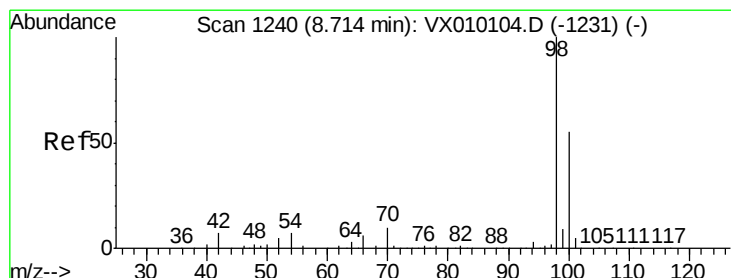
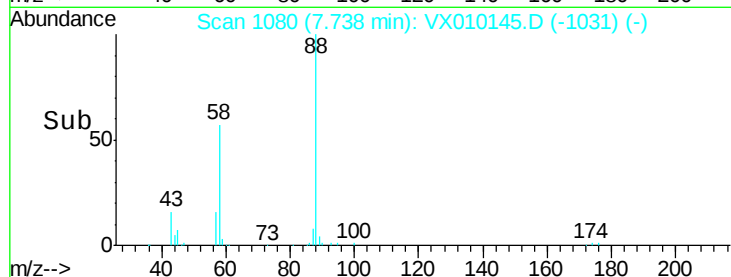
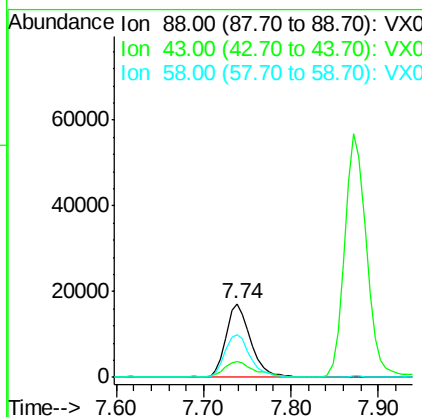
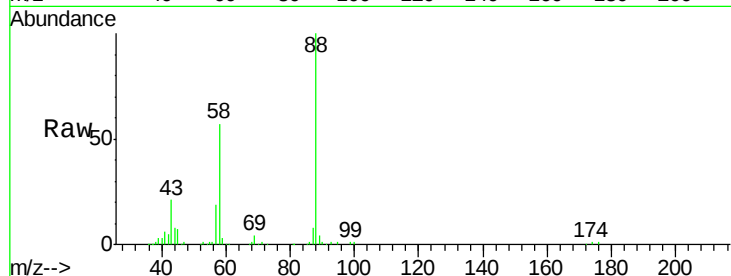
ClientSampleId :

VX0608WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 33596 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 24.6  | 30.2  | 45.4# |
| 58       | 60.7  | 64.0  | 96.0# |

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#50

Toluene-d8

Concen: 51.241 ug/l

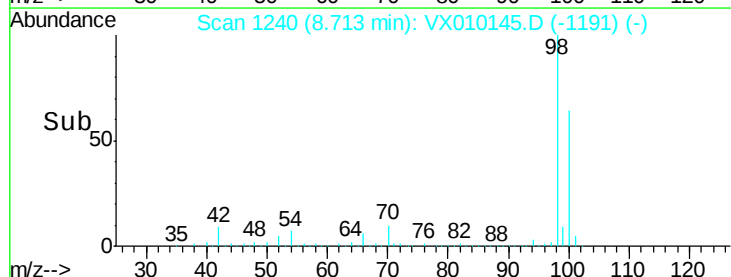
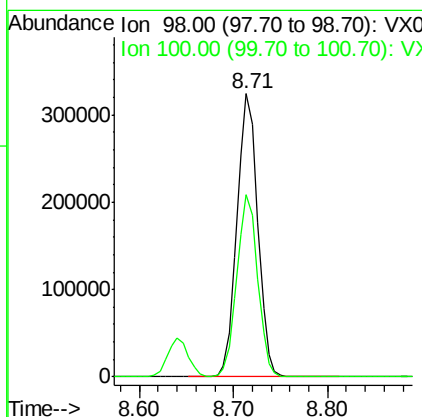
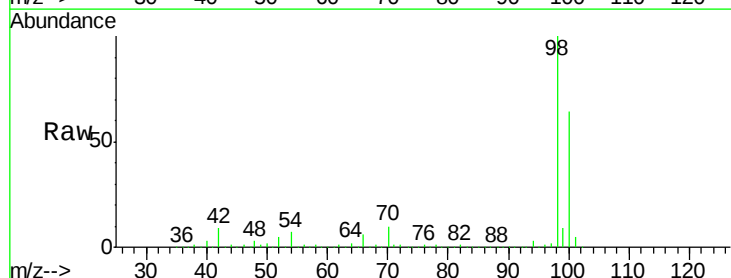
RT: 8.71 min Scan# 1240

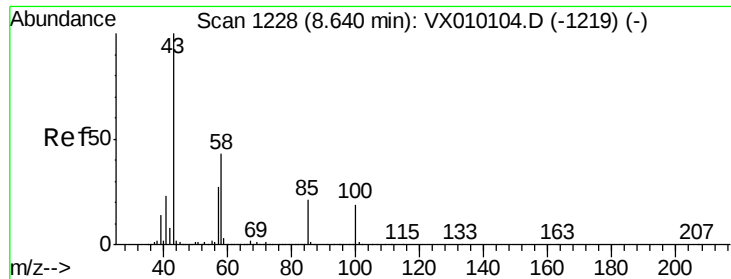
Delta R.T. 0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 499882 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.9  | 51.5  | 77.3   |





#51

4-Methyl-2-Pentanone

Concen: 102.273 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBSD01

Tot Ion: 43 Resp: 365940

Ion Ratio Lower Upper

43 100

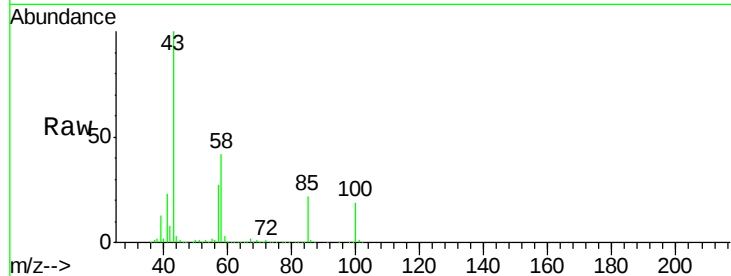
58 42.4 28.8 43.2

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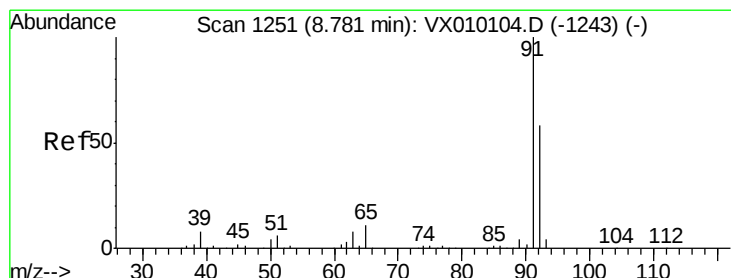
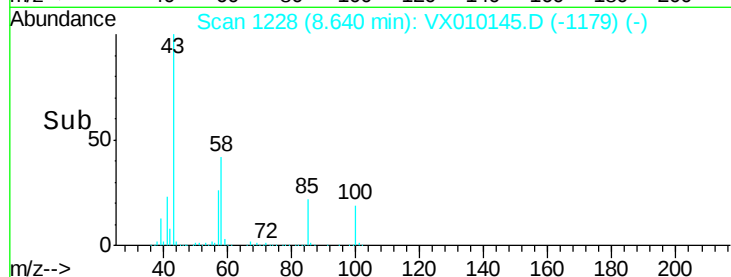
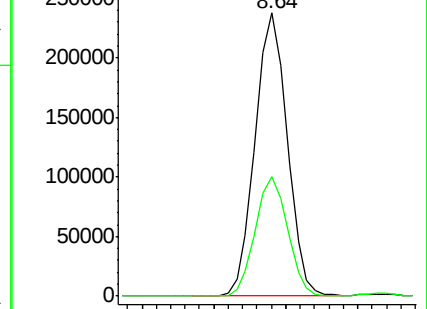
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.005 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010145.D

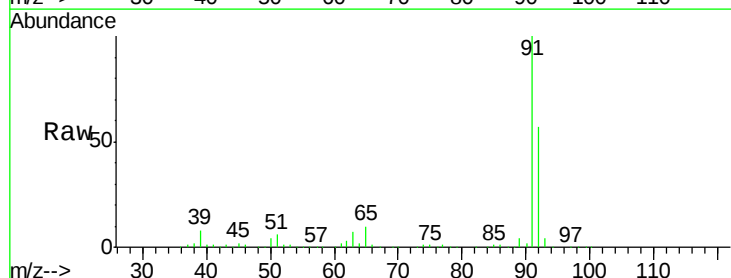
Acq: 08 Jun 2019 17:53

Tgt Ion: 92 Resp: 139994

Ion Ratio Lower Upper

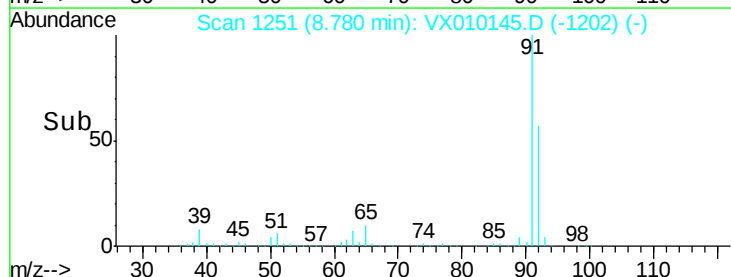
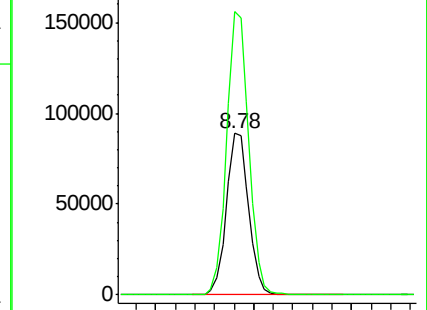
92 100

91 174.5 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





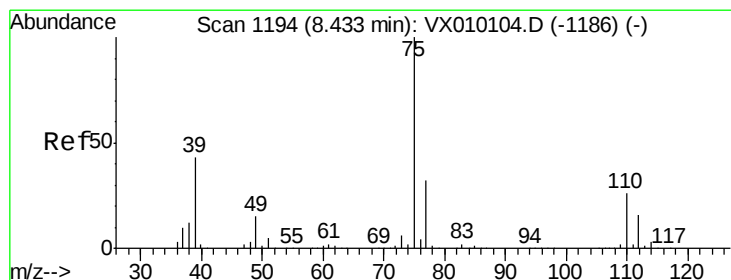
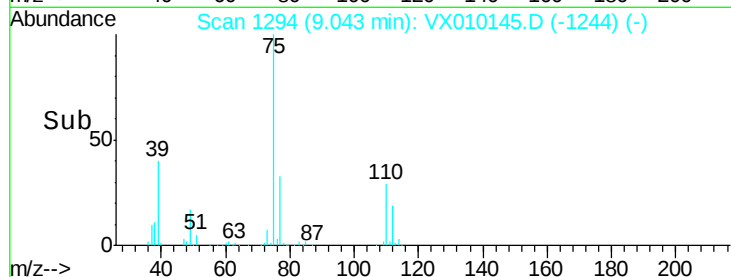
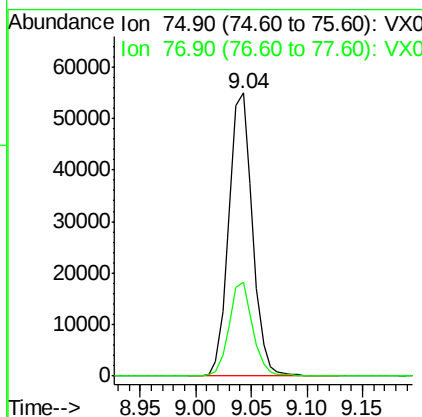
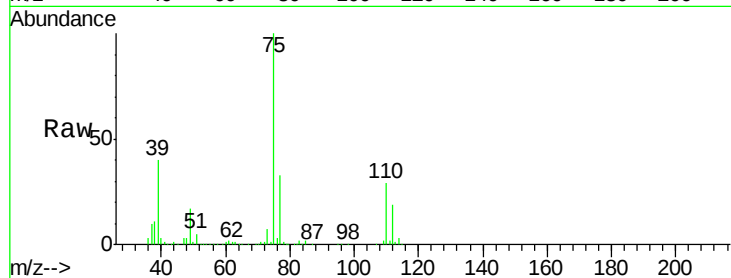
#53  
 t-1,3-Dichloropropene  
 Concen: 18.777 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. 0.01 min  
 Lab File: VX010145.D  
 Acq: 08 Jun 2019 17:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 33.3  | 24.6  | 36.8  |

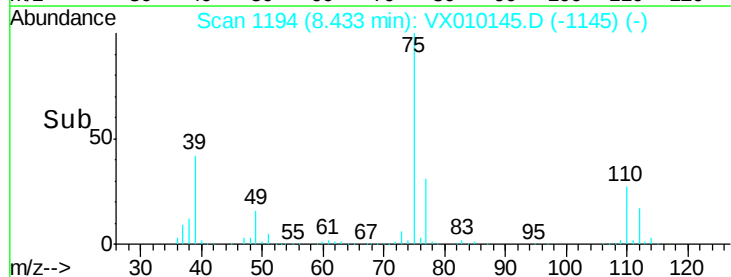
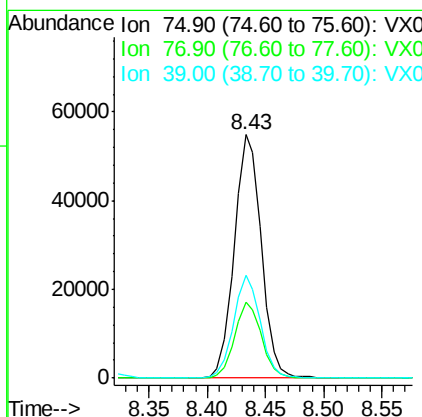
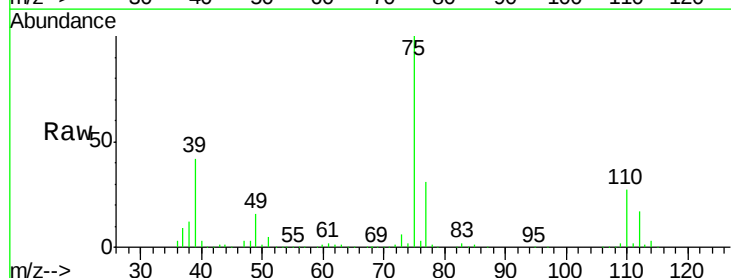
Manual Integrations  
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#54  
 cis-1,3-Dichloropropene  
 Concen: 19.150 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. -0.00 min  
 Lab File: VX010145.D  
 Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.2  | 24.8  | 37.2  |
| 39      | 41.8  | 43.4  | 65.0# |





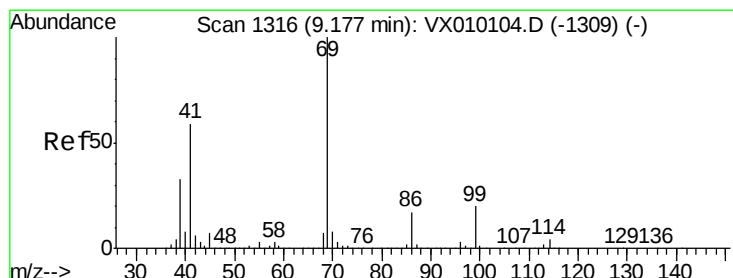
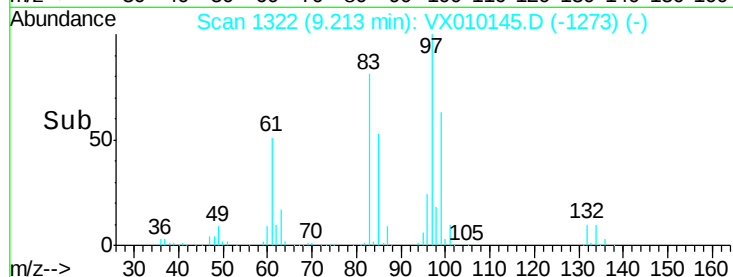
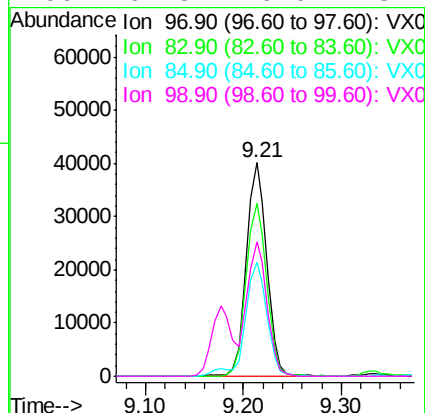
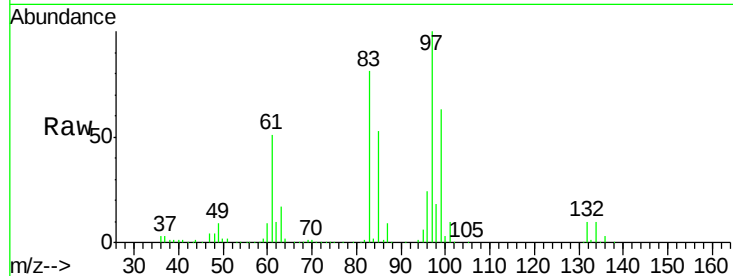
#55  
 1,1,2-Trichloroethane  
 Concen: 20.302 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX010145.D  
 Acq: 08 Jun 2019 17:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 58186 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 80.7  | 69.8  | 104.8 |
| 85       | 53.4  | 45.3  | 67.9  |
| 99       | 62.8  | 49.0  | 73.4  |

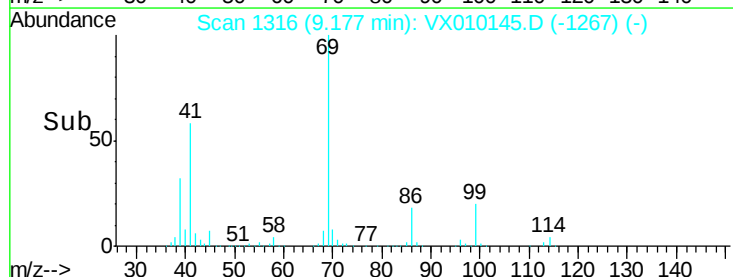
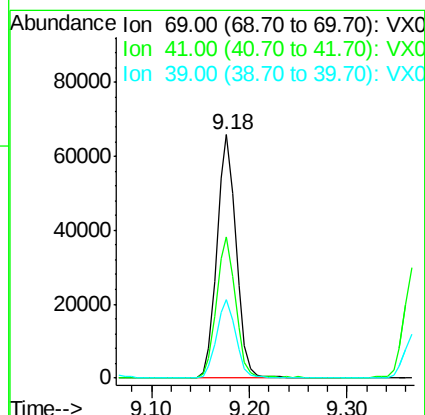
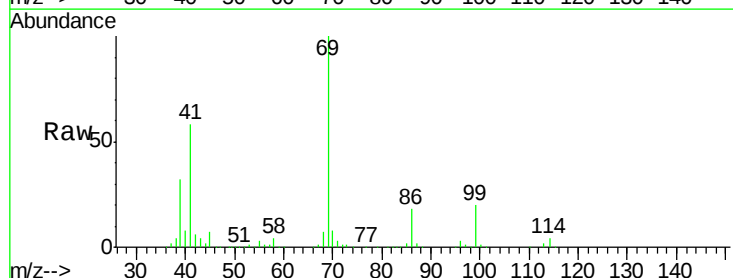
Manual Integrations  
 APPROVED

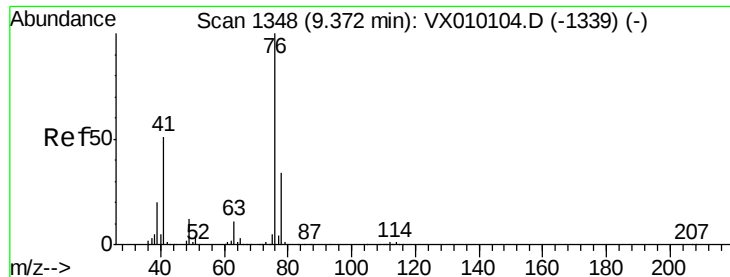
MMDadoda  
 6/10/2019 9:40:31 AM



#56  
 Ethyl methacrylate  
 Concen: 19.838 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX010145.D  
 Acq: 08 Jun 2019 17:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 89814 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 57.2  | 62.7  | 94.1# |
| 39       | 32.0  | 29.5  | 44.3  |





#57

1,3-Dichloropropane

Concen: 19.726 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBSD01

Tot Ion: 76 Resp: 89005

Ion Ratio Lower Upper

76 100

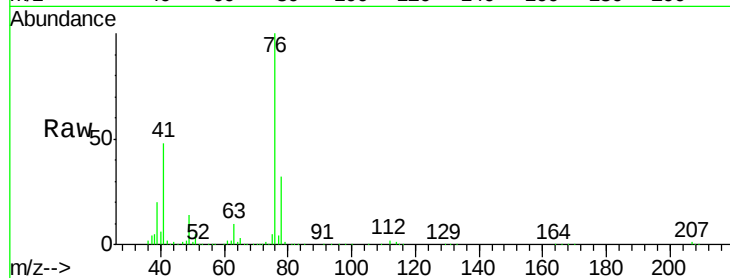
78 32.5 25.4 38.0

Manual Integrations

APPROVED

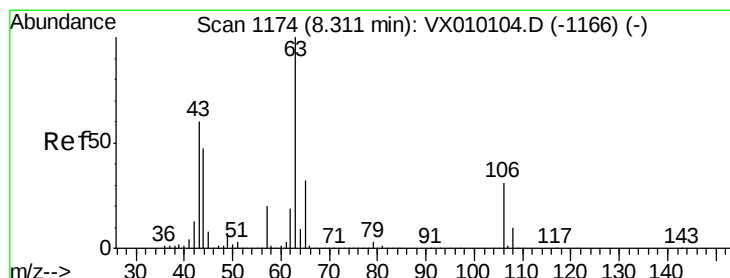
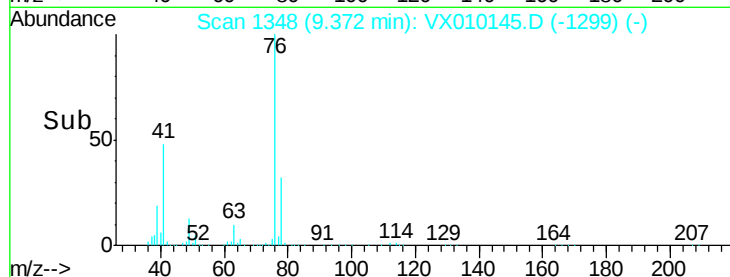
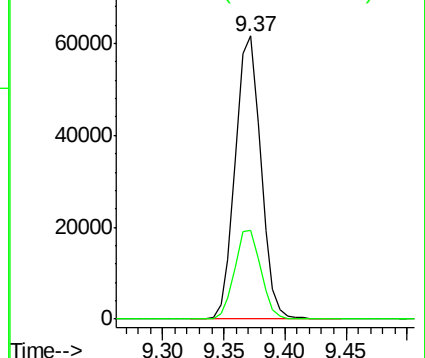
MMDadoda

6/10/2019 9:40:31 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 99.692 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010145.D

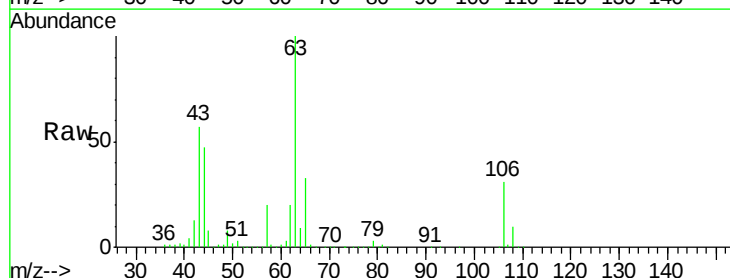
Acq: 08 Jun 2019 17:53

Tgt Ion: 63 Resp: 212771

Ion Ratio Lower Upper

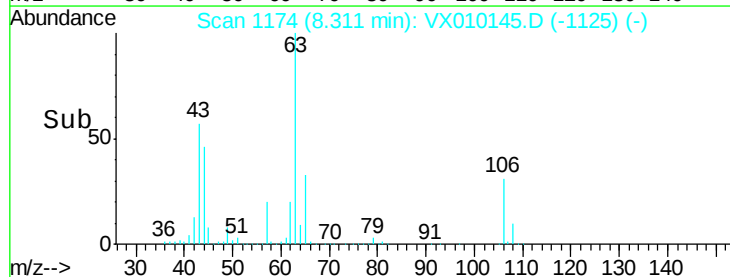
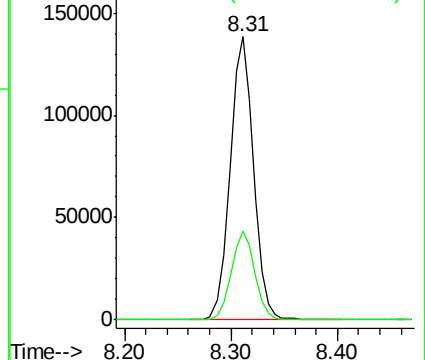
63 100

106 31.3 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





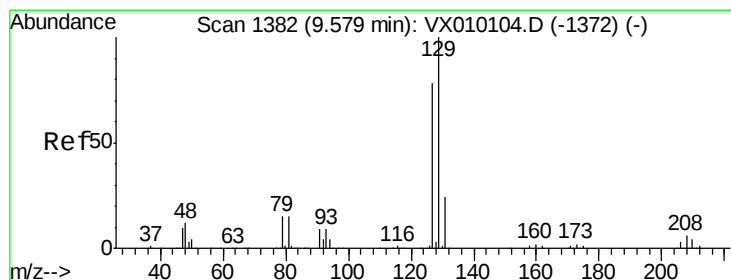
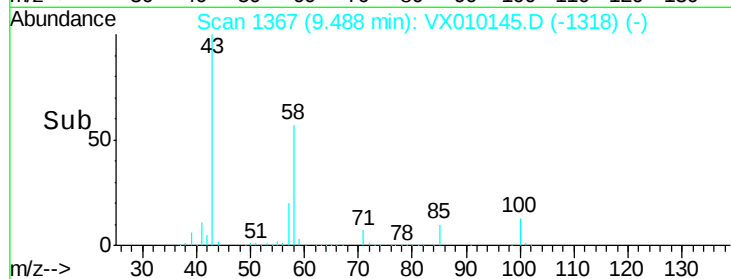
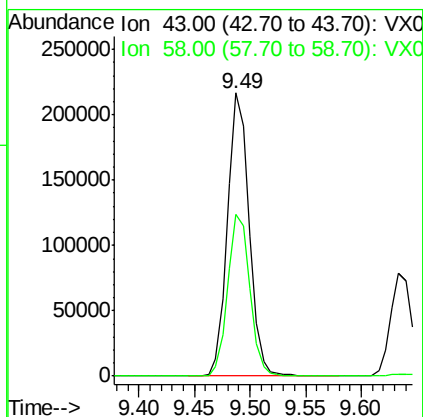
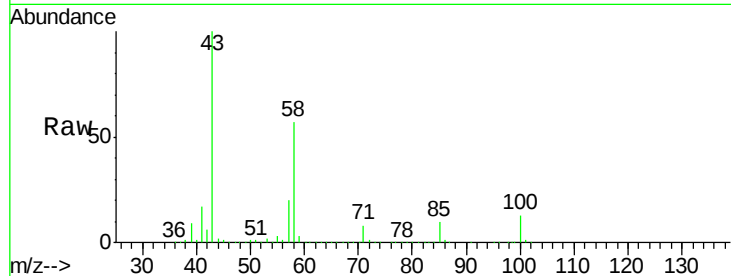
#59  
2-Hexanone  
Concen: 102.173 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBSD01

Tot Ion: 43 Resp: 291484  
Ion Ratio Lower Upper  
43 100  
58 58.8 25.1 75.3

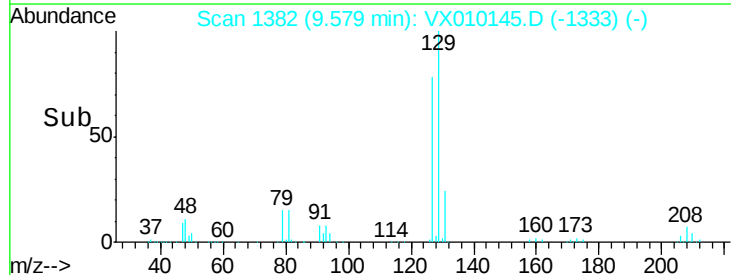
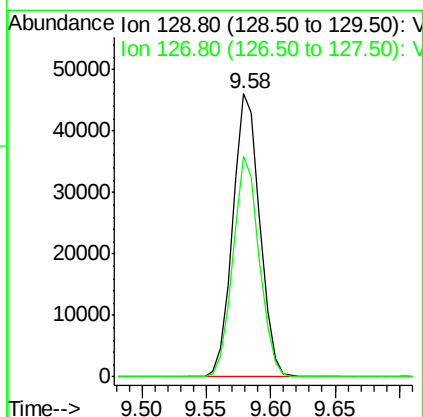
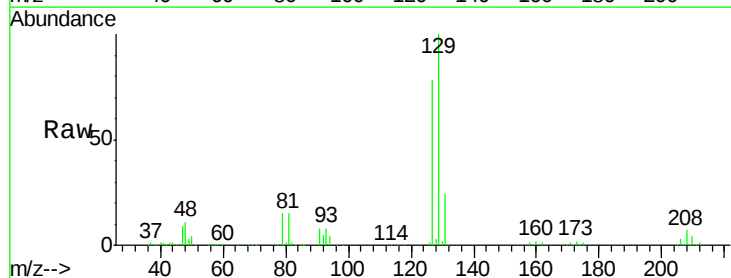
Manual Integrations  
APPROVED

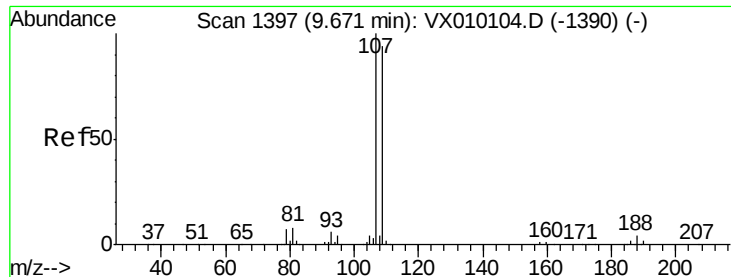
MMDadoda  
6/10/2019 9:40:31 AM



#60  
Dibromochloromethane  
Concen: 19.818 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

Tgt Ion: 129 Resp: 67182  
Ion Ratio Lower Upper  
129 100  
127 75.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.633 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBSD01

Tot Ion: 107 Resp: 62668

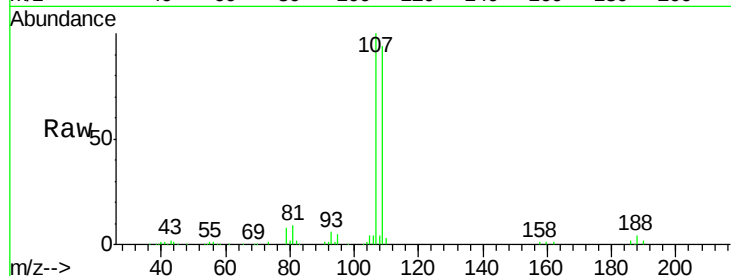
Ion Ratio Lower Upper

107 100

109 96.0 75.4 113.2

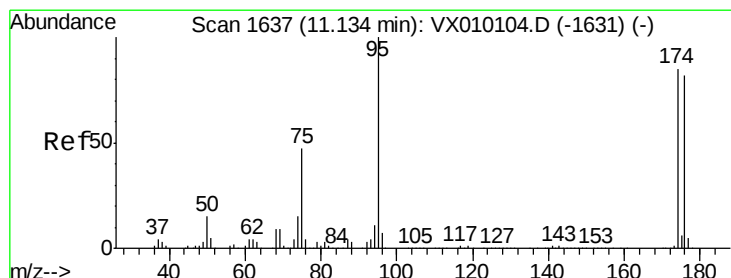
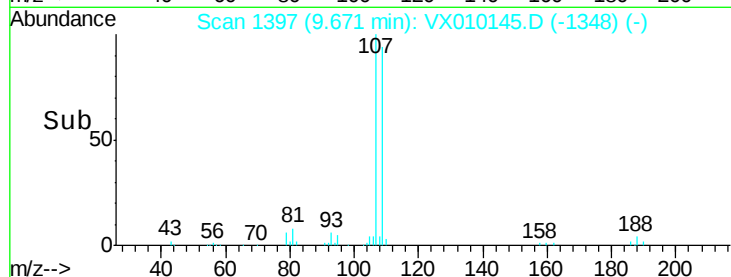
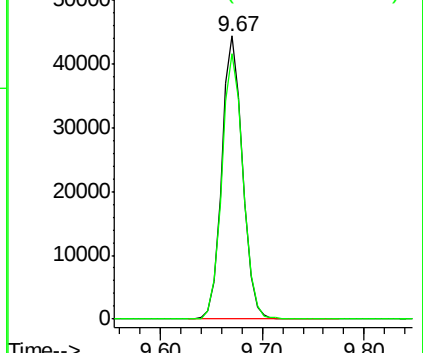
Manual Integrations  
APPROVED

MMDadoda  
6/10/2019 9:40:31 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.728 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

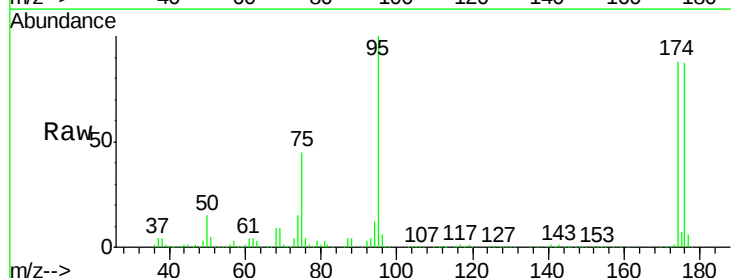
Tgt Ion: 95 Resp: 181176

Ion Ratio Lower Upper

95 100

174 92.8 0.0 160.4

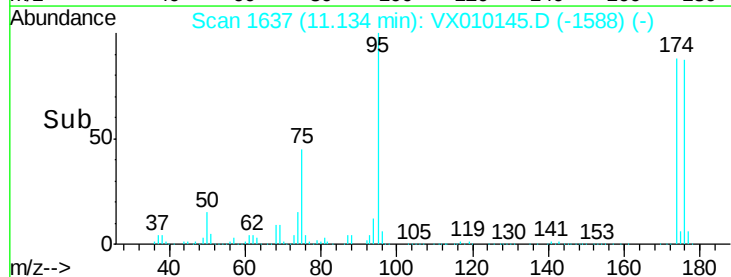
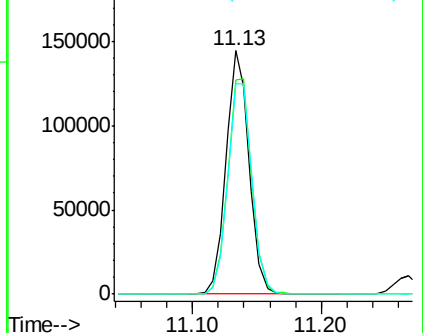
176 91.7 0.0 154.6

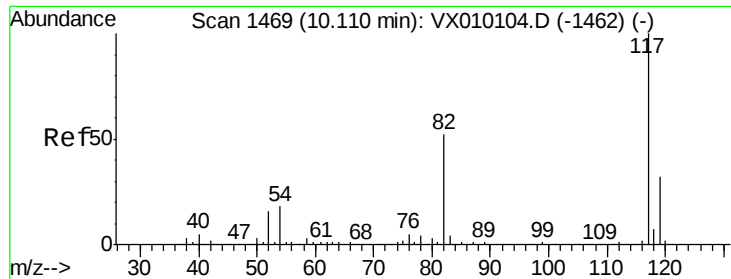


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





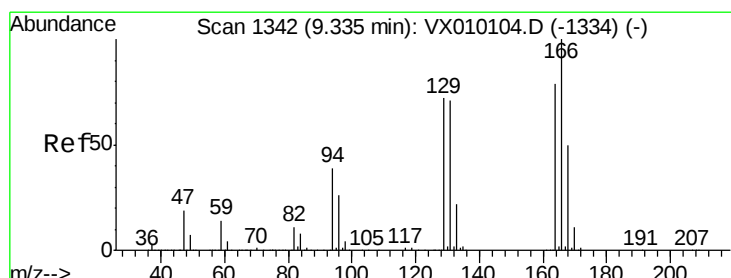
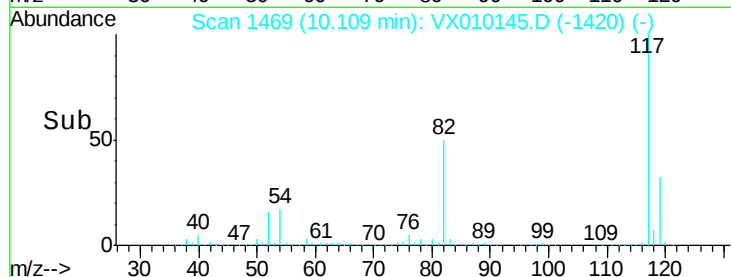
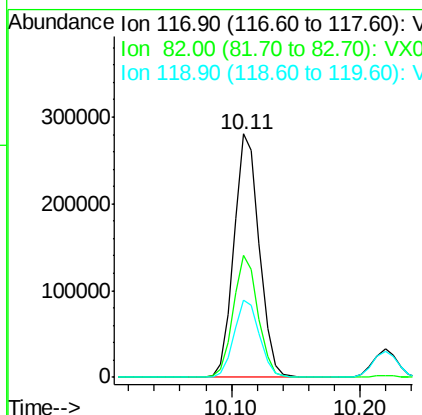
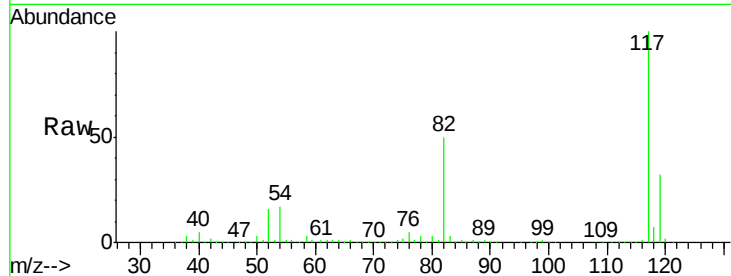
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 50.2  | 49.2  | 73.8  |
| 119     | 31.6  | 25.2  | 37.8  |

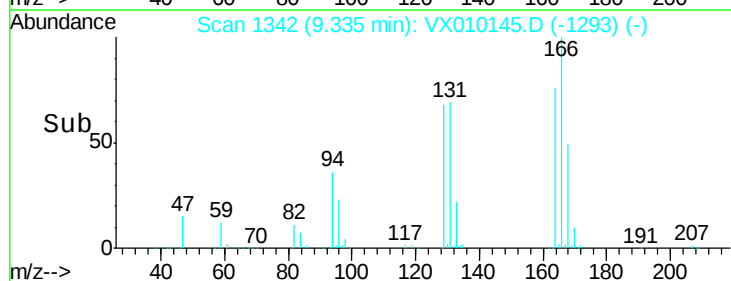
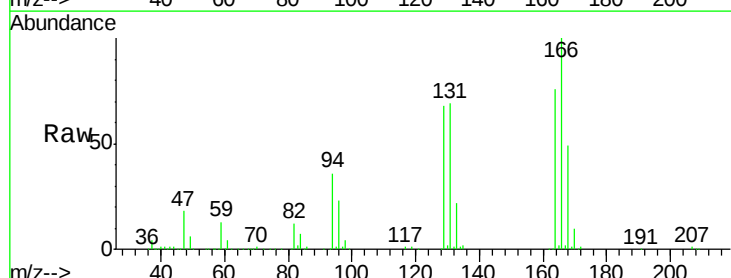
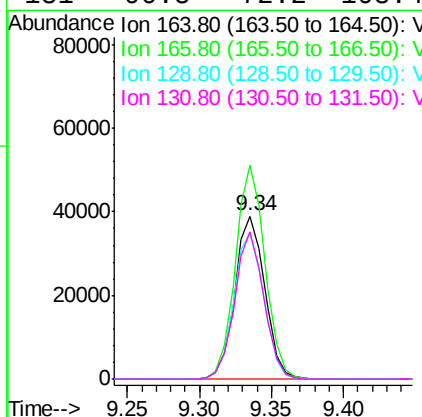
Manual Integrations  
APPROVED

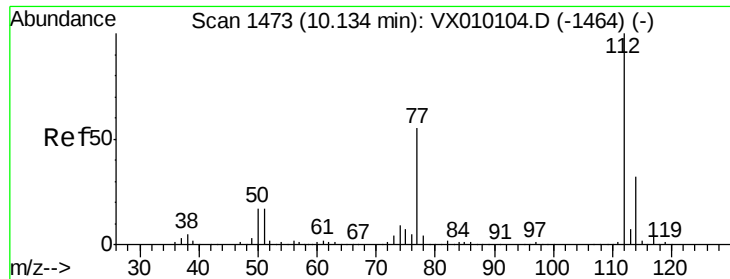
MMDadoda  
6/10/2019 9:40:31 AM



#64  
Tetrachloroethene  
Concen: 19.783 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.2 | 105.0 | 157.4 |
| 129     | 89.3  | 75.1  | 112.7 |
| 131     | 90.5  | 72.2  | 108.4 |





#65

Chlorobenzene

Concen: 19.817 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBSD01

Tot Ion:112 Resp: 156984

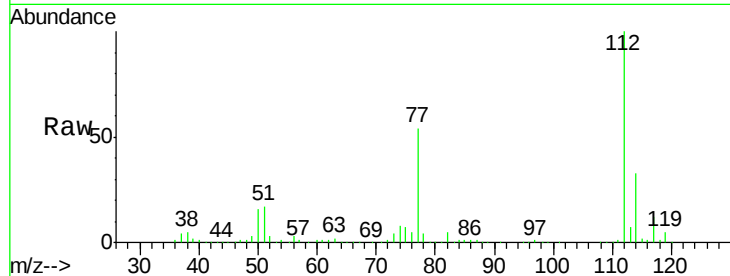
Ion Ratio Lower Upper

112 100

114 33.1 25.8 38.8

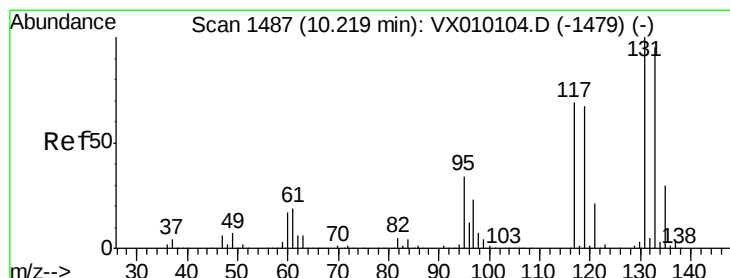
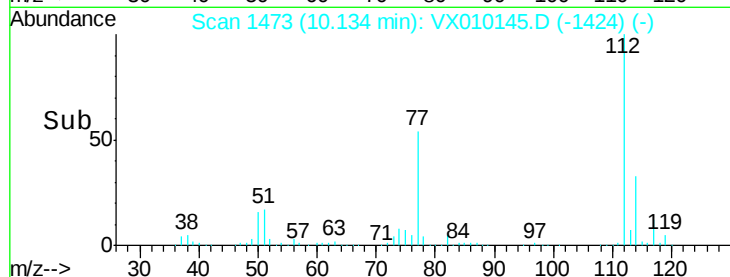
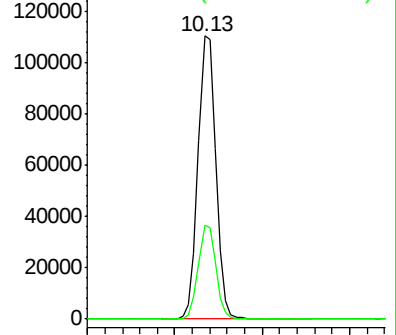
Manual Integrations  
APPROVED

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6/10/2019 9:40:31 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.054 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

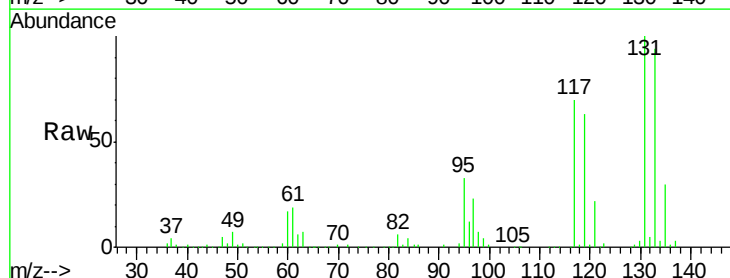
Tgt Ion:131 Resp: 61092

Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.6

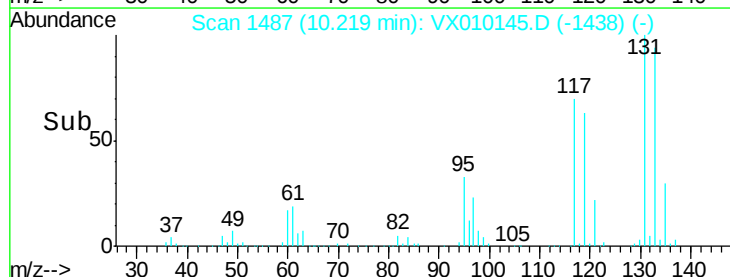
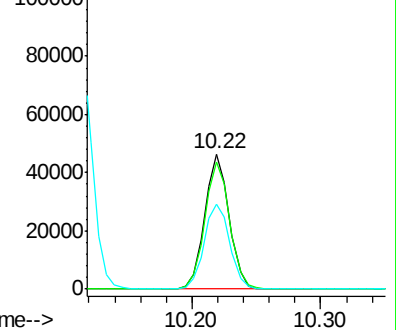
119 66.5 33.4 100.1

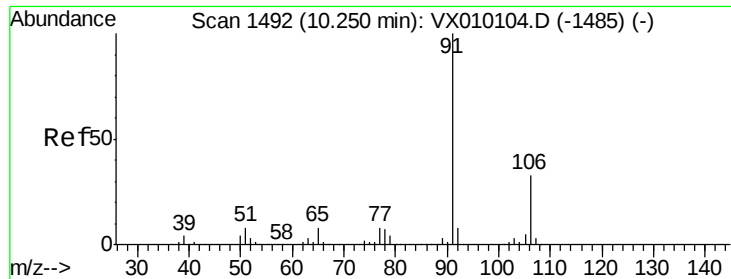


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





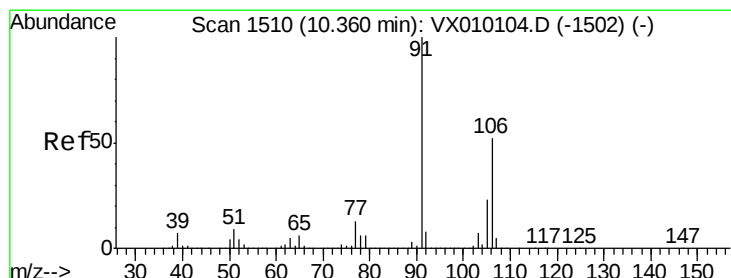
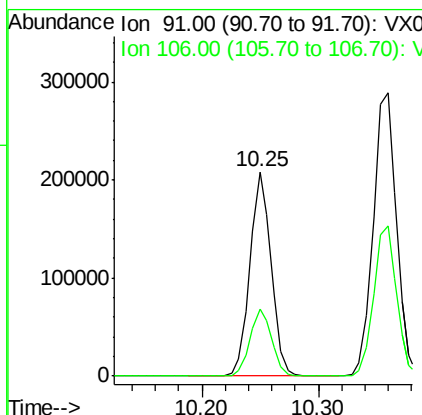
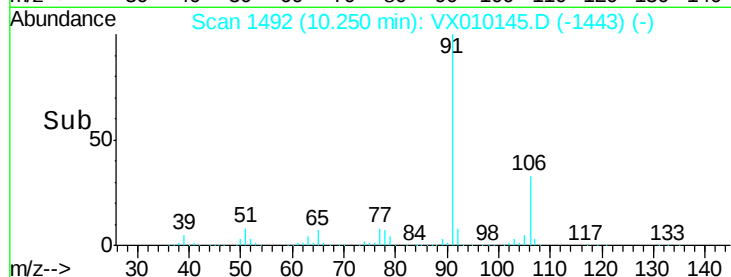
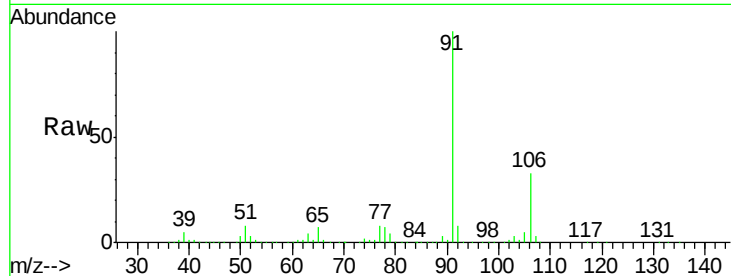
#67  
Ethyl Benzene  
Concen: 19.749 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBSD01

Tot Ion: 91 Resp: 266332  
Ion Ratio Lower Upper  
91 100  
106 32.9 23.9 35.9

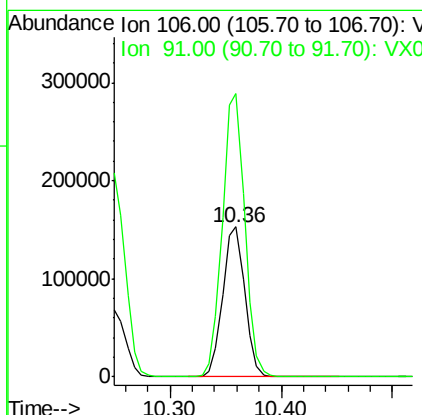
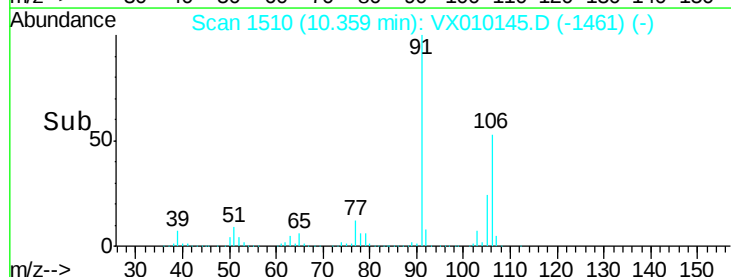
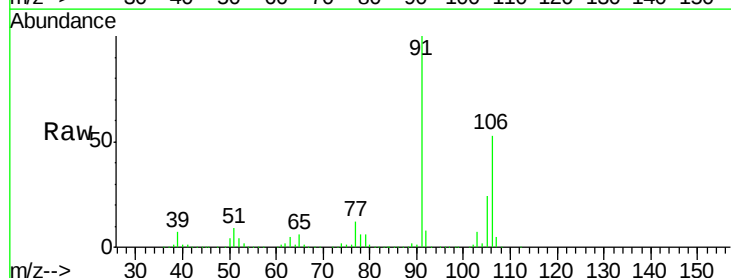
Manual Integrations  
APPROVED

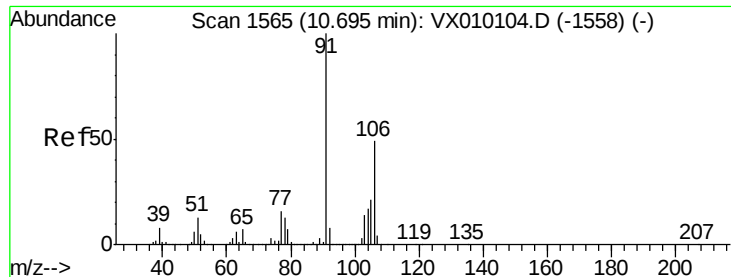
MMDadoda  
6/10/2019 9:40:31 AM



#68  
m/p-Xylenes  
Concen: 40.372 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

Tgt Ion: 106 Resp: 210686  
Ion Ratio Lower Upper  
106 100  
91 190.8 167.3 250.9





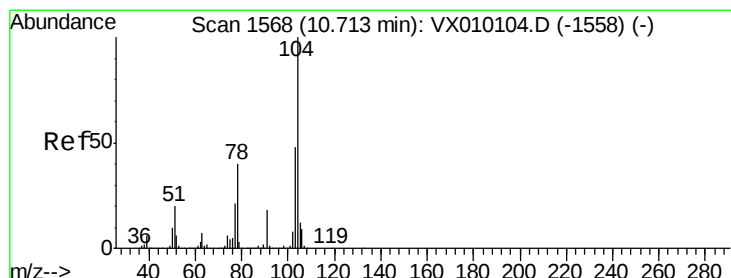
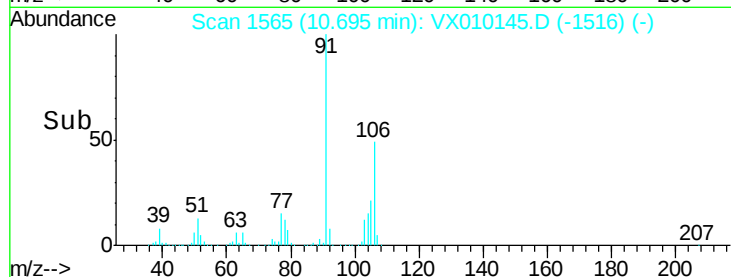
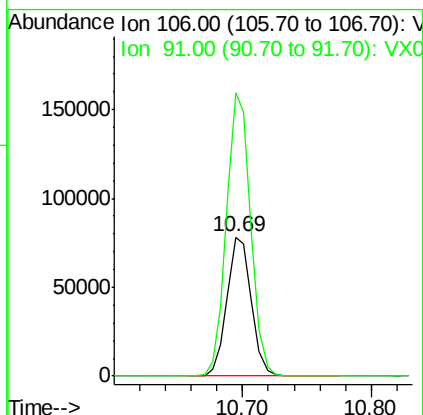
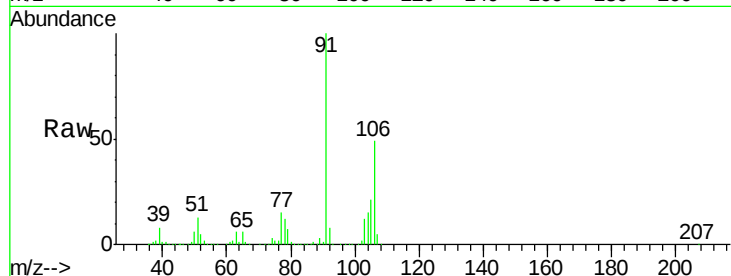
#69  
o-Xylene  
Concen: 20.083 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 201.9 | 110.4 | 331.2 |

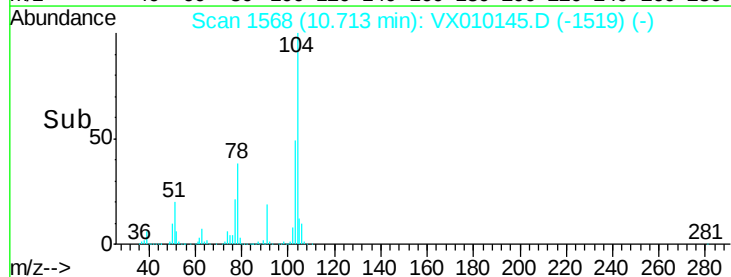
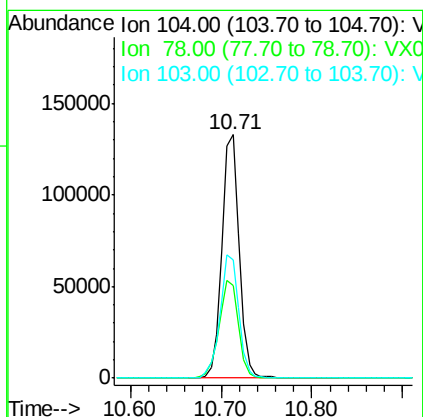
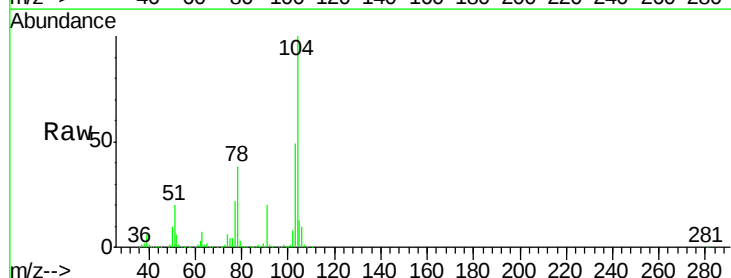
Manual Integrations  
APPROVED

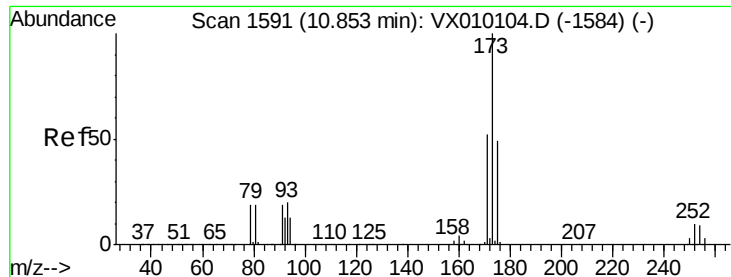
MMDadoda  
6/10/2019 9:40:31 AM



#70  
Styrene  
Concen: 20.145 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 45.1  | 42.1  | 63.1  |
| 103     | 54.9  | 44.1  | 66.1  |





#71

Bromoform

Concen: 19.768 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBSD01

Tot Ion:173 Resp: 55362

Ion Ratio Lower Upper

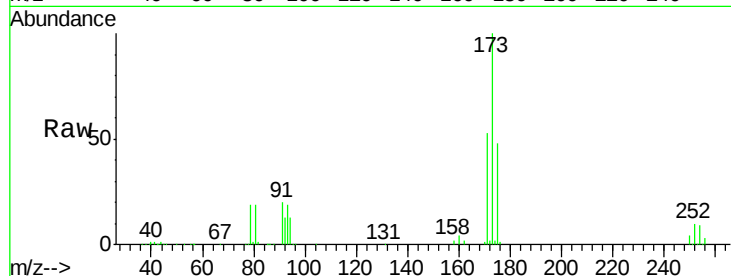
173 100

175 48.6 25.0 75.0

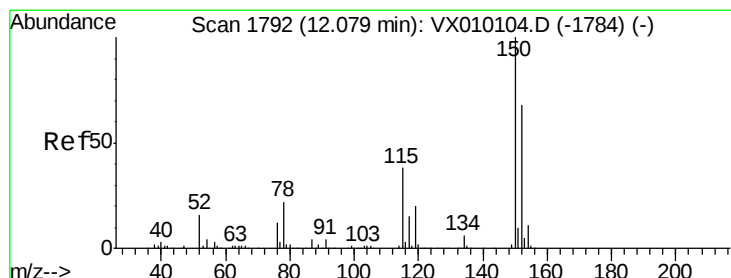
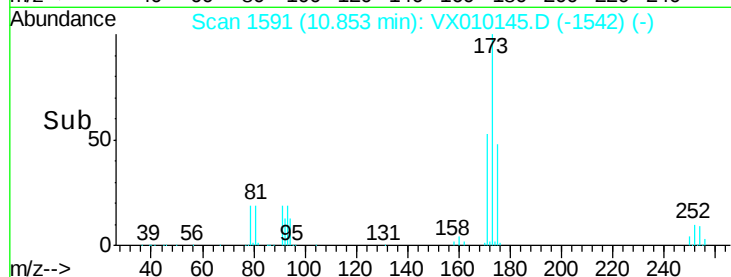
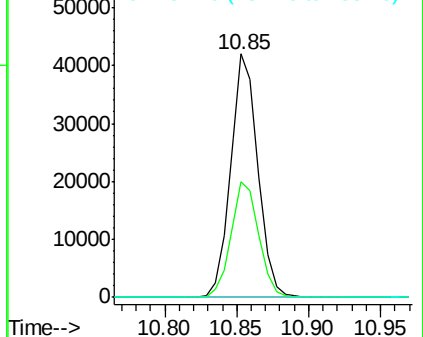
254 0.1 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

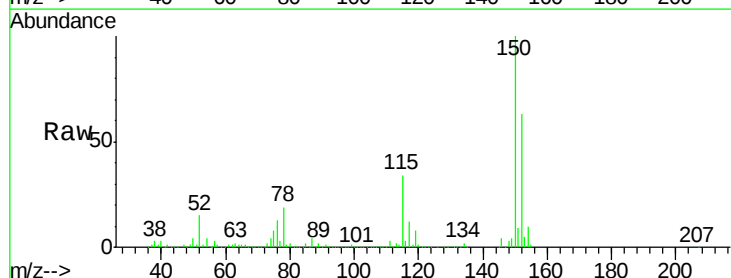
Tgt Ion:152 Resp: 196255

Ion Ratio Lower Upper

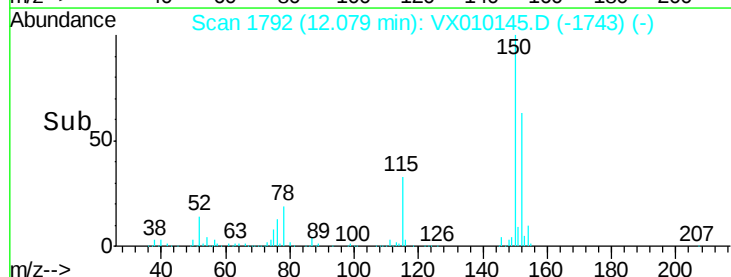
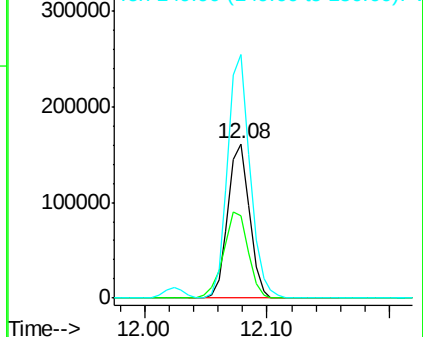
152 100

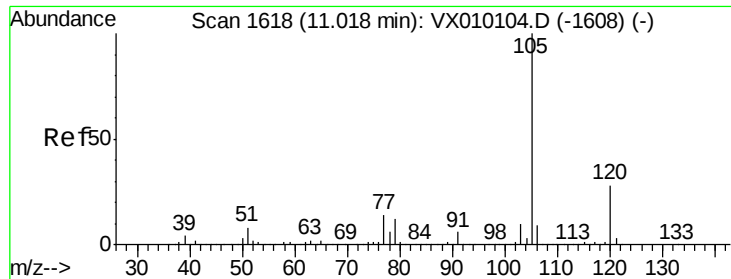
115 64.3 41.4 124.2

150 164.0 0.0 345.2



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





#73

Isopropylbenzene

Concen: 19.655 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBSD01

Tot Ion: 105 Resp: 269269

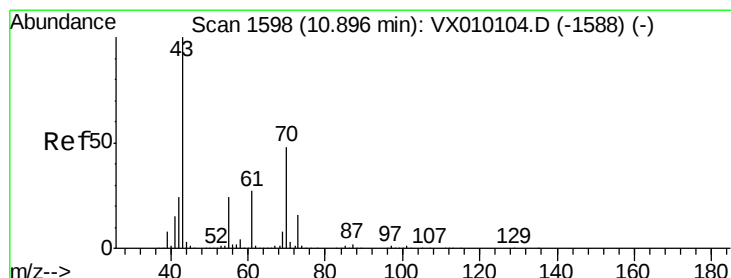
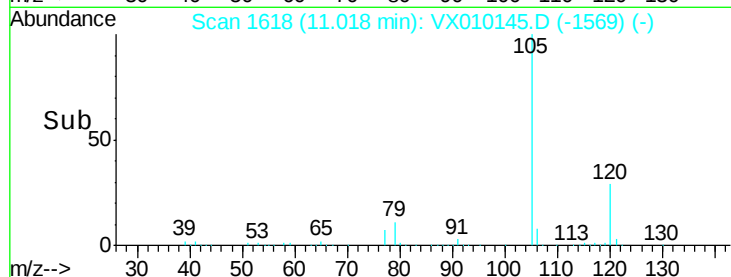
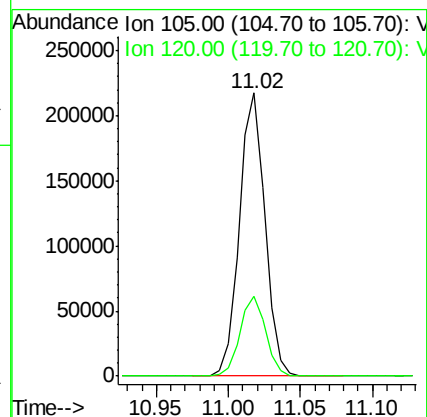
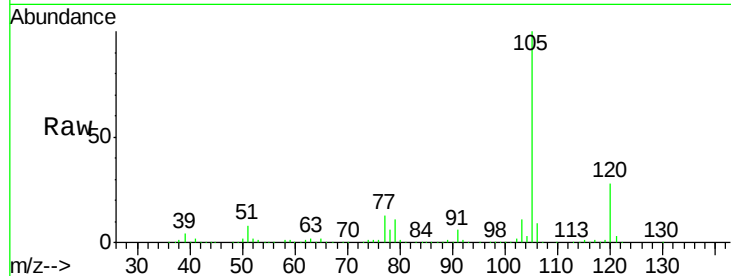
Ion Ratio Lower Upper

105 100

120 28.3 12.8 38.4

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#74

N-ethyl acetate

Concen: 19.515 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Tgt Ion: 43 Resp: 105687

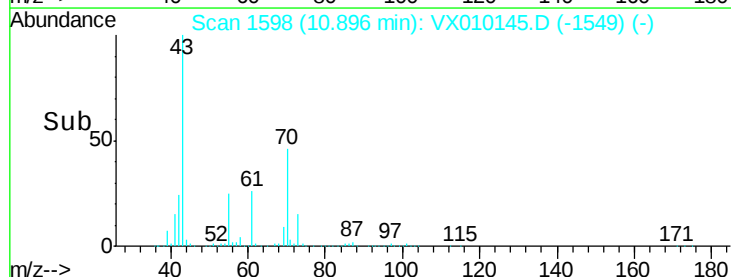
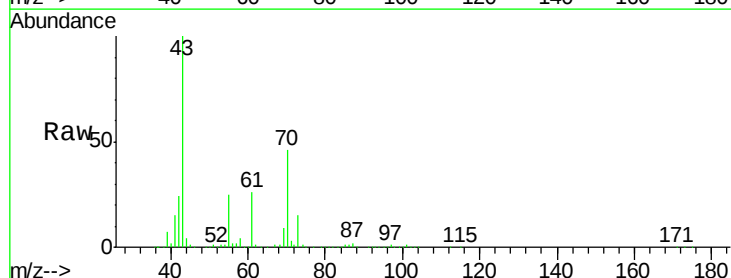
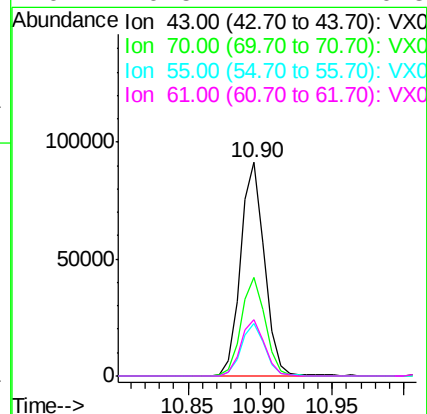
Ion Ratio Lower Upper

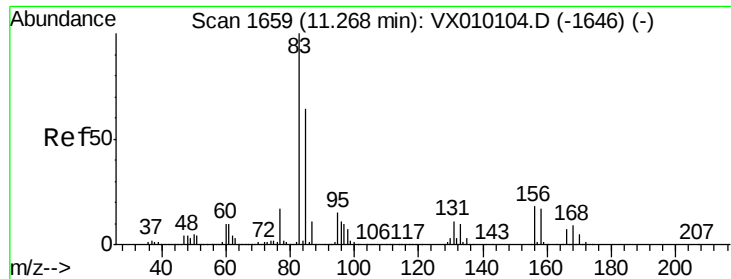
43 100

70 46.6 28.6 43.0#

55 24.5 17.8 26.8

61 26.5 17.7 26.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.792 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

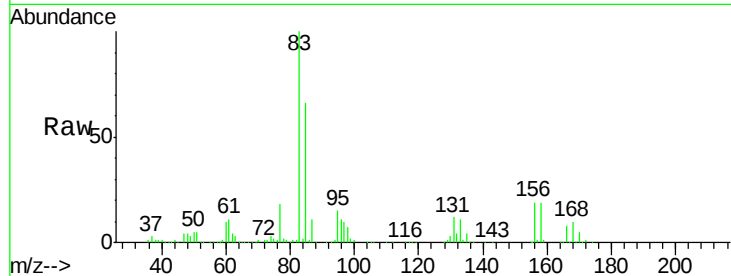
ClientSampleId :

VX0608WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 92816 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.2  | 4.7   | 14.1  |
| 85        | 65.2  | 31.9  | 95.9  |

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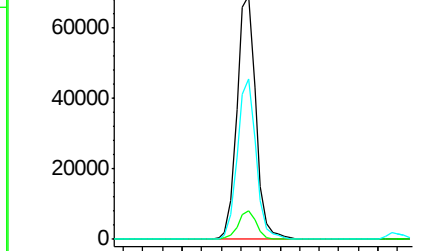
MMDadoda  
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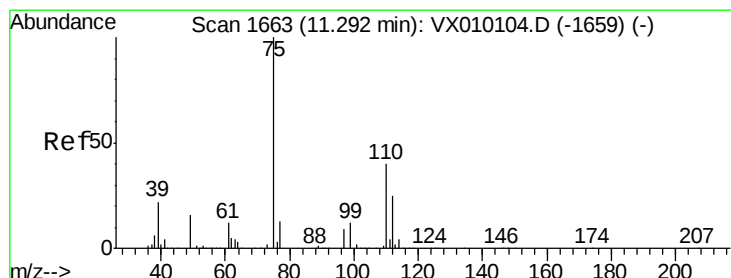
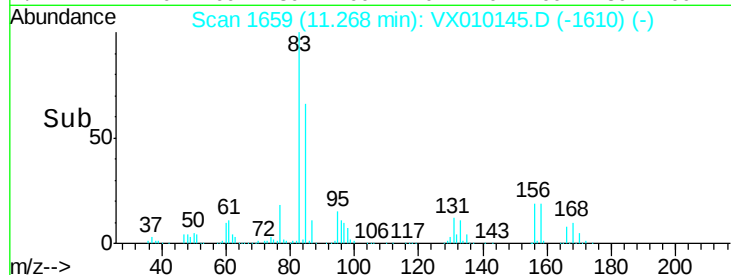
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 19.151 ug/l m

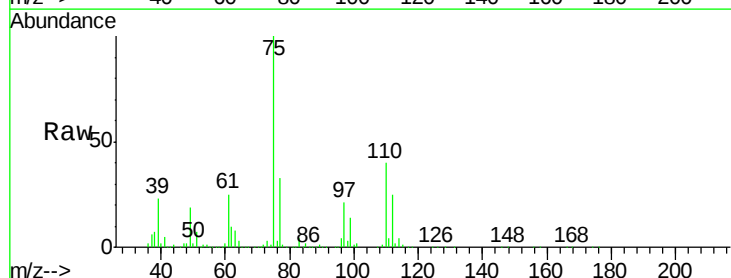
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010145.D

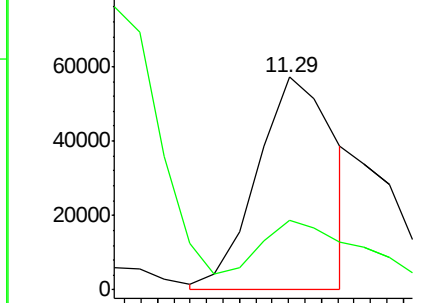
Acq: 08 Jun 2019 17:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 75178 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 45.6  | 22.1  | 66.1  |

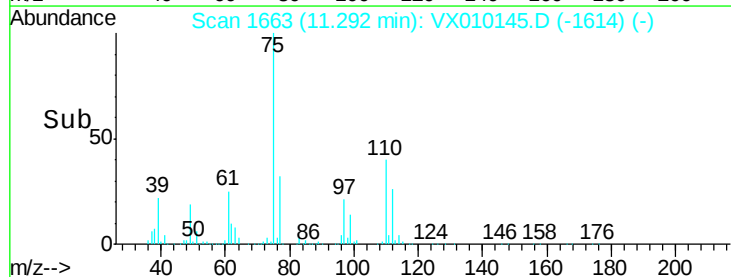


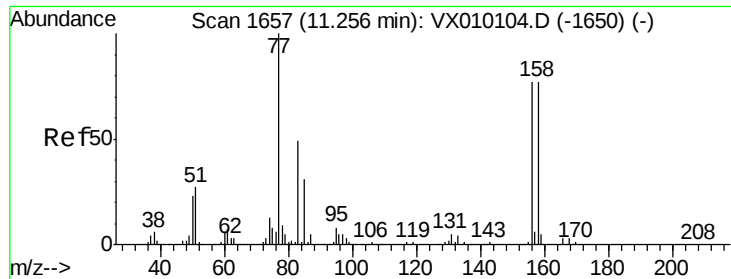
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->





#77

Bromobenzene

Concen: 19.684 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBSD01

Tot Ion:156 Resp: 74158

Ion Ratio Lower Upper

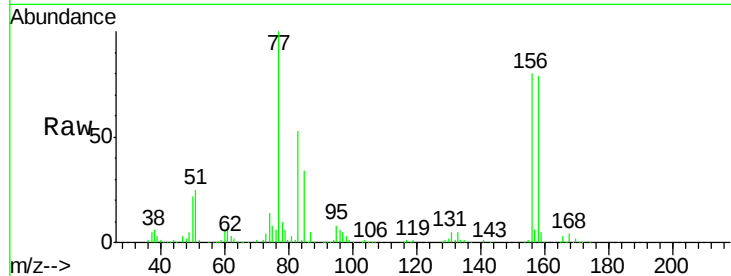
156 100

77 134.1 86.8 260.3

158 99.0 49.6 148.8

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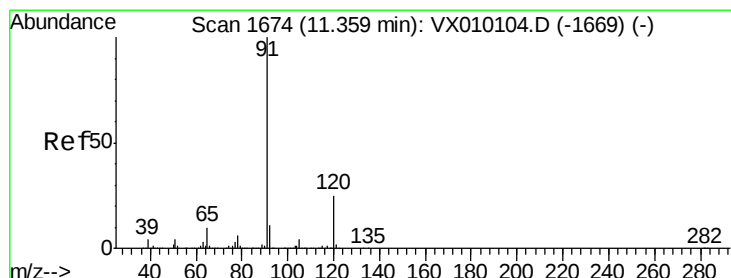
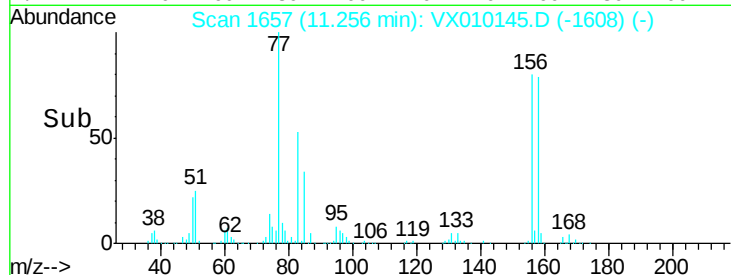
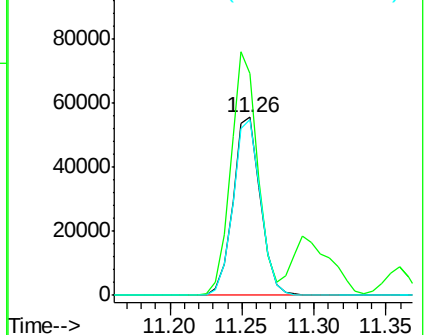
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.447 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010145.D

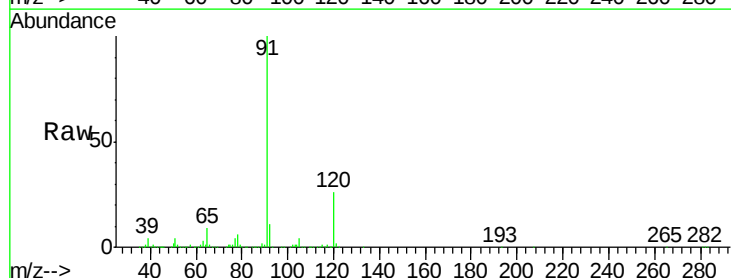
Acq: 08 Jun 2019 17:53

Tgt Ion: 91 Resp: 296605

Ion Ratio Lower Upper

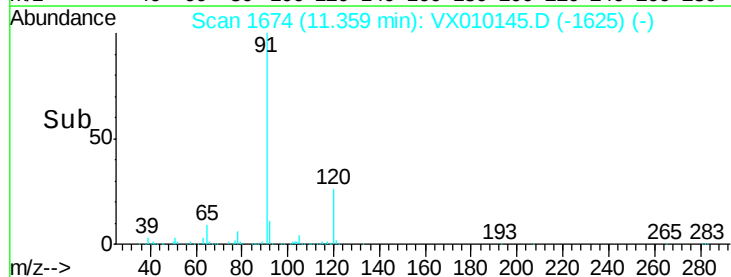
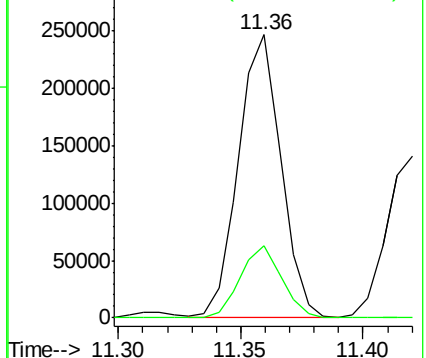
91 100

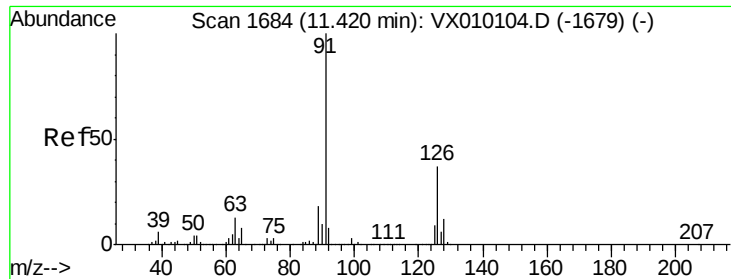
120 25.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.200 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBSD01

Tot Ion: 91 Resp: 175877

Ion Ratio Lower Upper

91 100

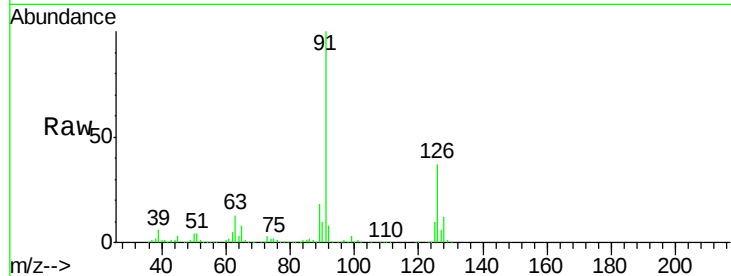
126 37.6 16.1 48.3

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Abundance Ion 91.00 (90.70 to 91.70): VX010104.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010104.D (-1679) (-)

250000

200000

150000

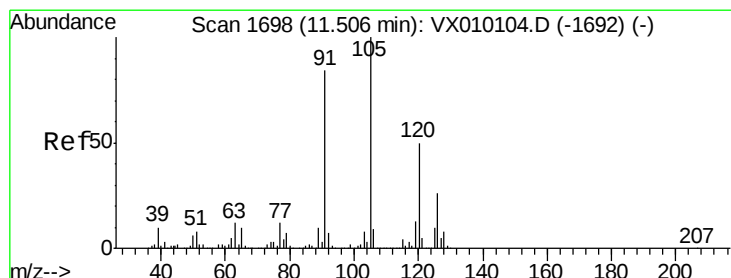
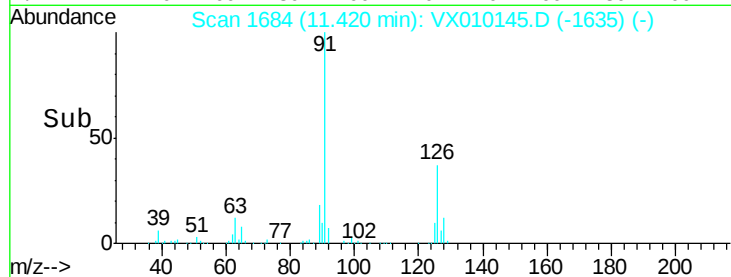
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.606 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010145.D

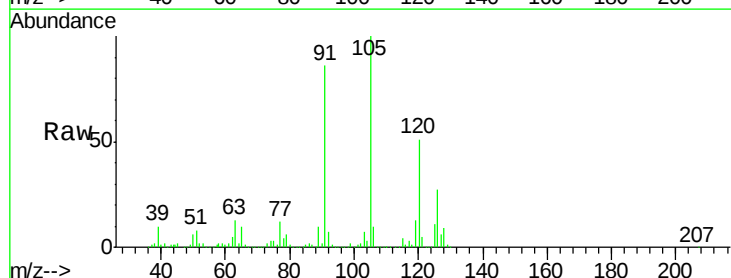
Acq: 08 Jun 2019 17:53

Tgt Ion: 105 Resp: 226236

Ion Ratio Lower Upper

105 100

120 50.6 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX010104.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010104.D (-1692) (-)

200000

150000

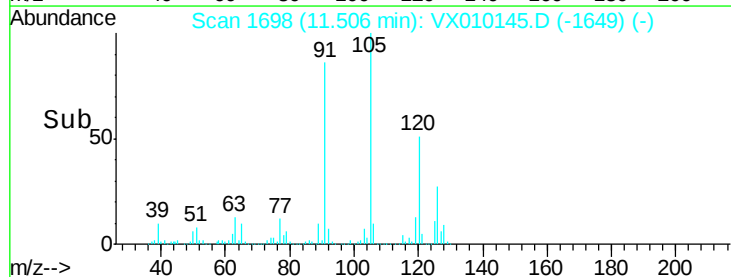
100000

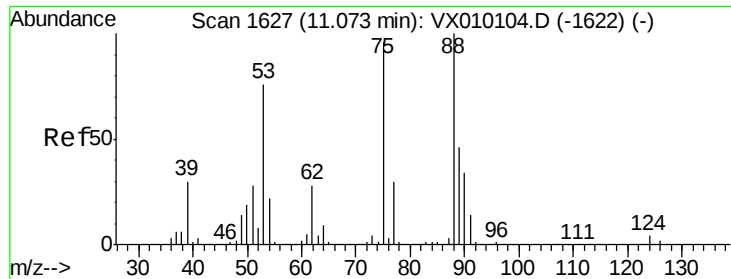
50000

0

11.50 11.60

Time-->





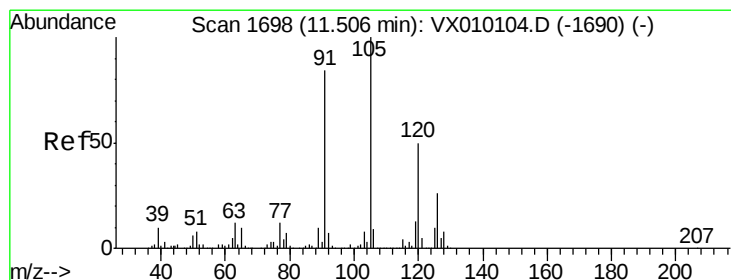
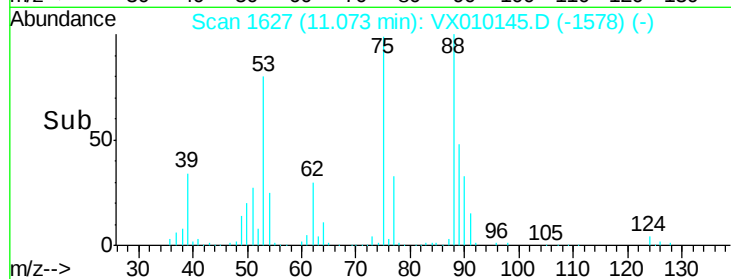
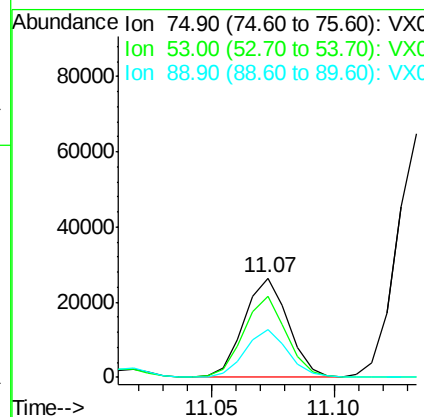
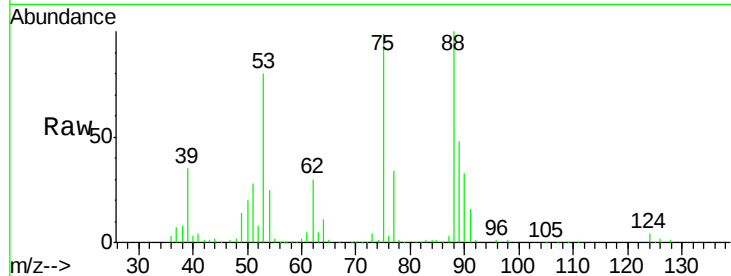
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.538 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBSD01

Tot Ion: 75 Resp: 32936  
Ion Ratio Lower Upper  
75 100  
53 78.8 79.8 119.6#  
89 46.6 34.2 51.4

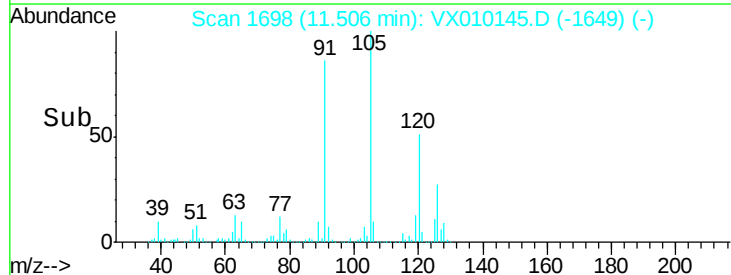
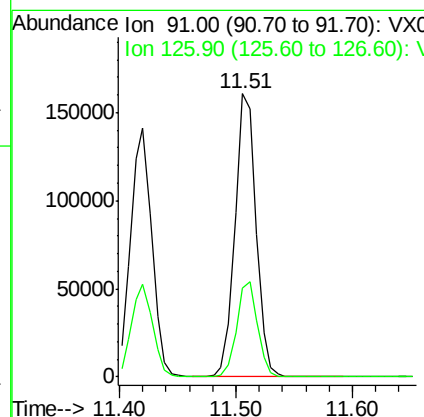
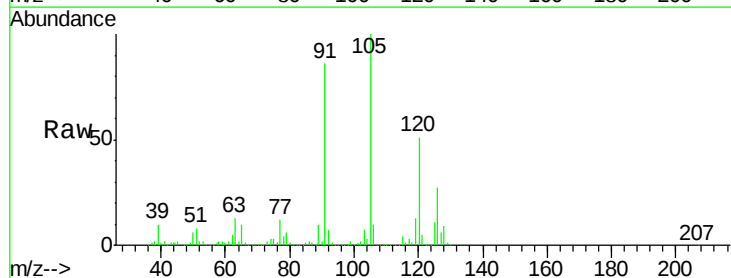
Manual Integrations  
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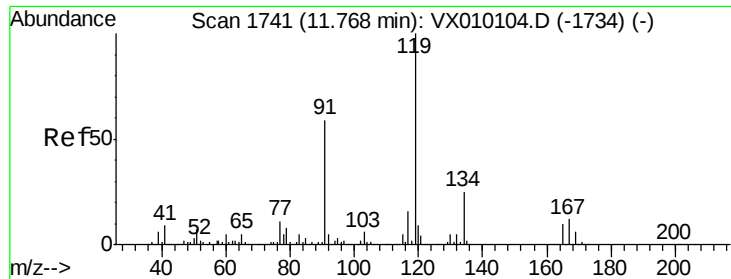
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 19.588 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

Tgt Ion: 91 Resp: 203823  
Ion Ratio Lower Upper  
91 100  
126 33.1 14.2 42.6





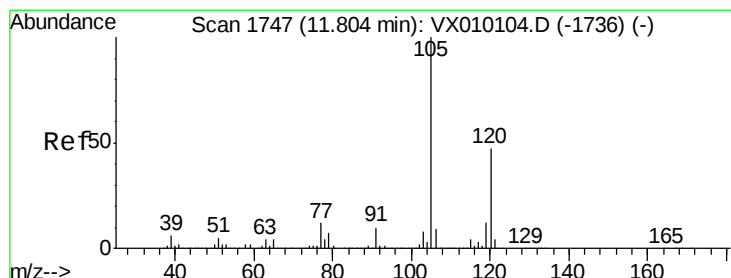
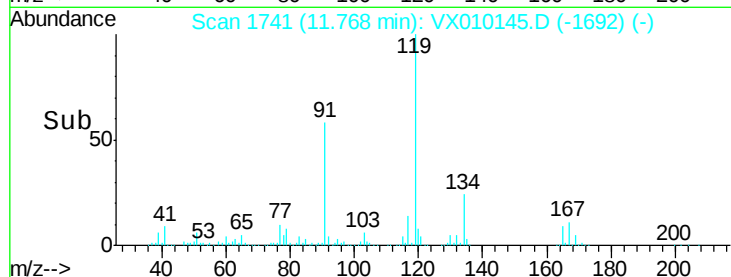
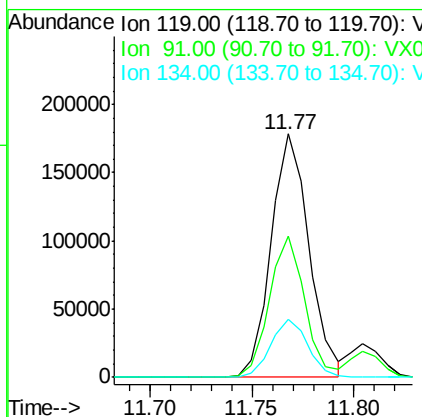
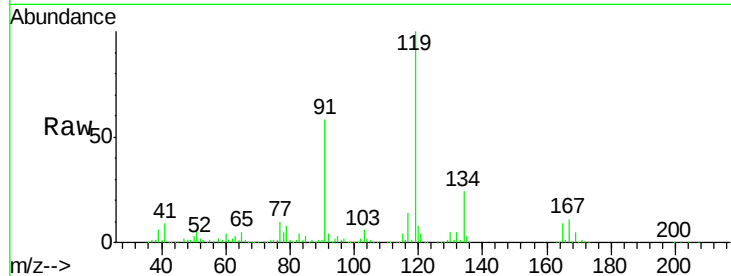
#83  
 tert-Butylbenzene  
 Concen: 19.811 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX010145.D  
 Acq: 08 Jun 2019 17:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 231375 |       |       |
| 91      | 54.3  | 30.0   | 90.0  |       |
| 134     | 23.2  | 11.2   | 33.5  |       |

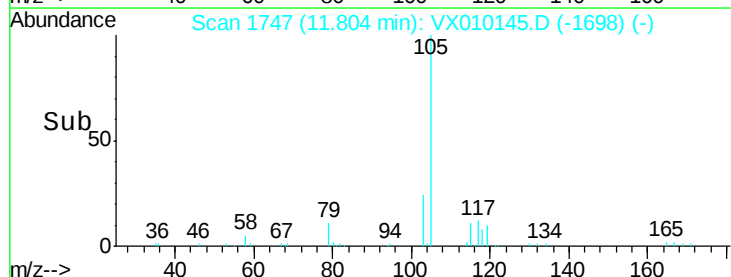
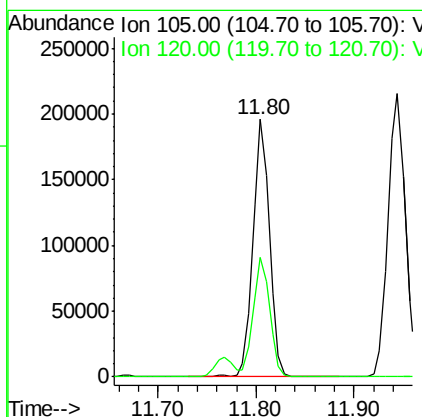
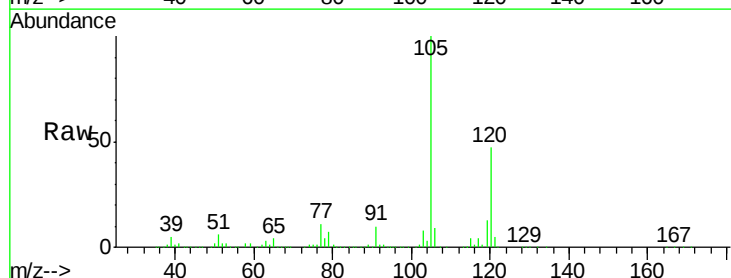
Manual Integrations  
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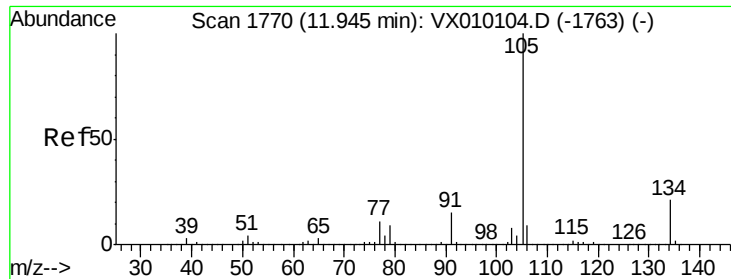
MMDadoda  
 6/10/2019 9:40:31 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.692 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX010145.D  
 Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 229517 |       |       |
| 120     | 46.0  | 22.1   | 66.1  |       |





#85

sec-Butylbenzene

Concen: 19.488 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

ClientSampleId :

VX0608WBSD01

Tot Ion:105 Resp: 265168

Ion Ratio Lower Upper

105 100

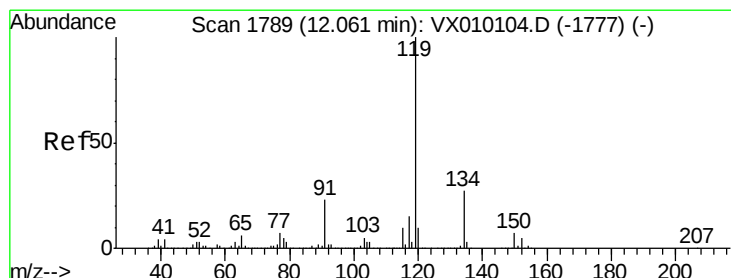
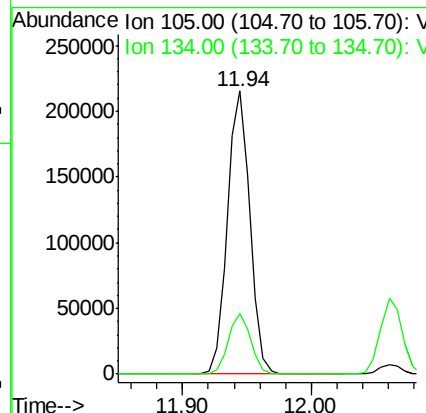
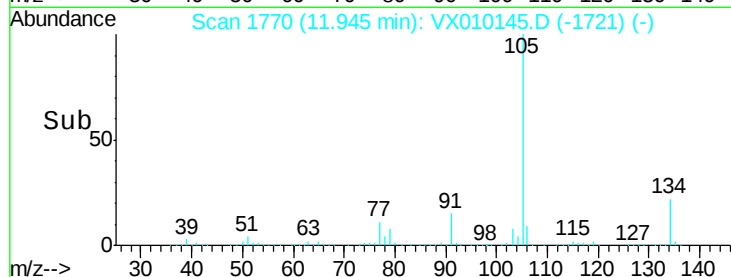
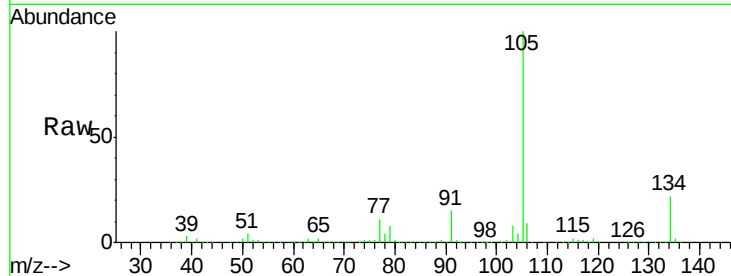
134 21.4 9.7 28.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.734 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

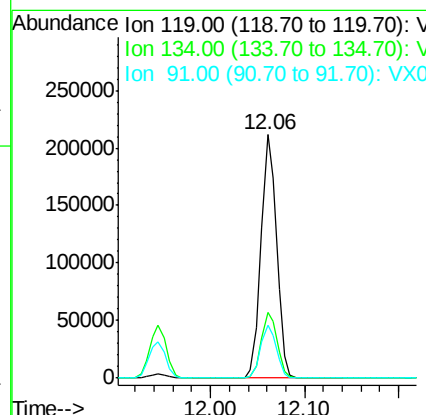
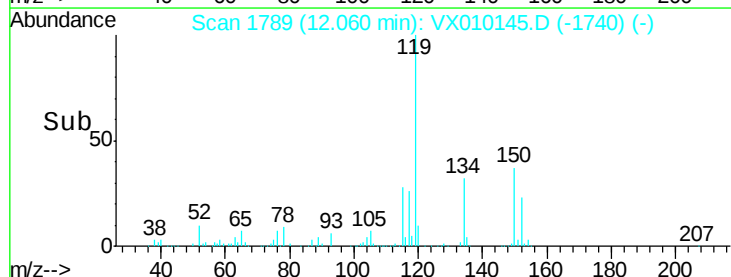
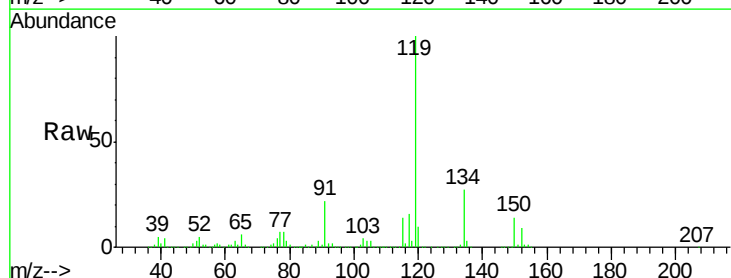
Tgt Ion:119 Resp: 245472

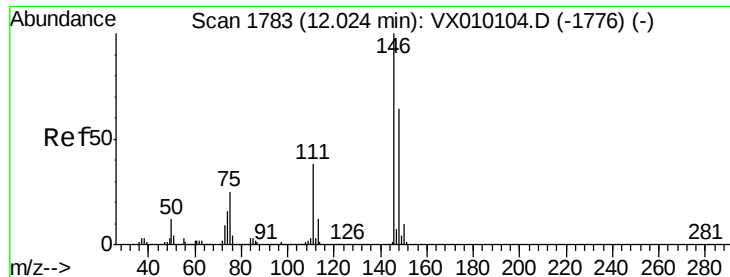
Ion Ratio Lower Upper

119 100

134 27.6 12.9 38.6

91 22.1 11.9 35.9





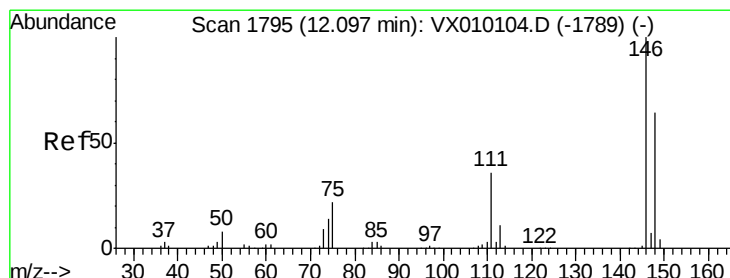
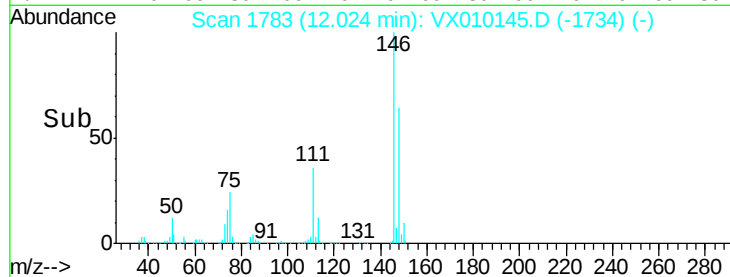
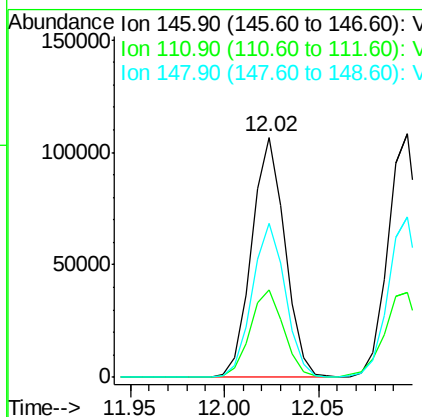
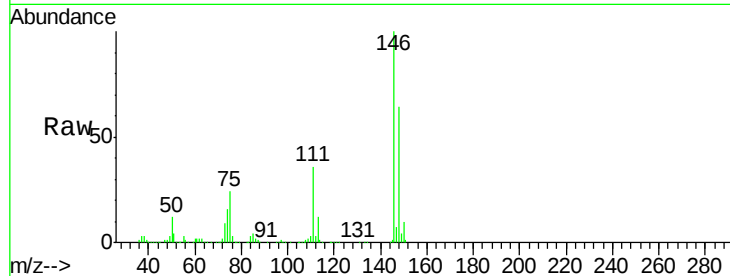
#87  
 1,3-Dichlorobenzene  
 Concen: 19.712 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX010145.D  
 Acq: 08 Jun 2019 17:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.9  | 20.1  | 60.2  |
| 148     | 64.0  | 31.9  | 95.5  |

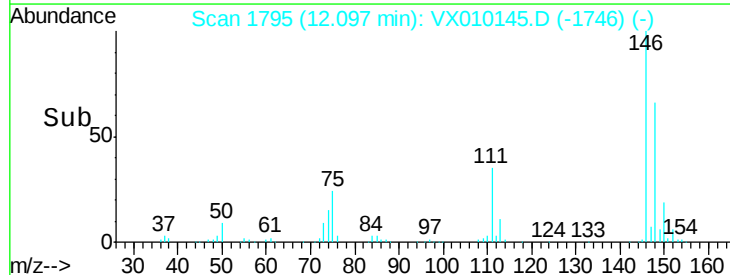
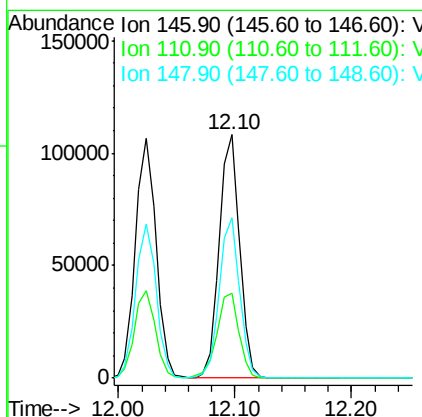
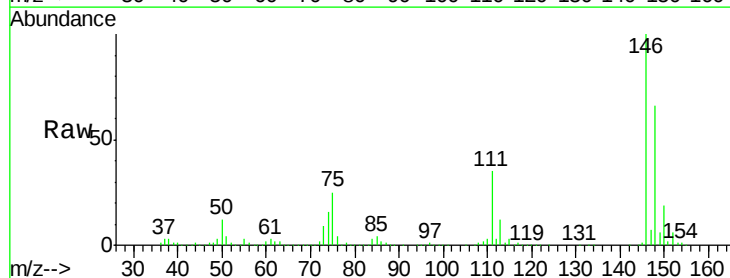
Manual Integrations  
 APPROVED

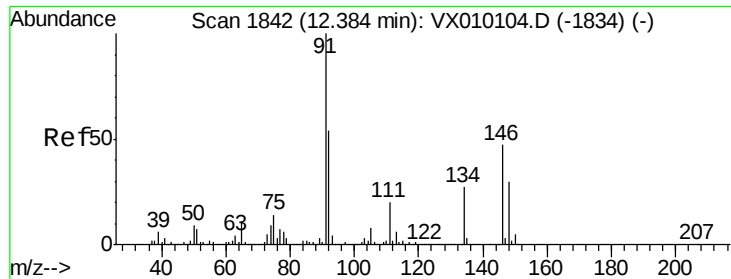
MMDadoda  
 6/10/2019 9:40:31 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 19.565 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX010145.D  
 Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.4  | 20.0  | 59.9  |
| 148     | 65.7  | 32.3  | 96.9  |





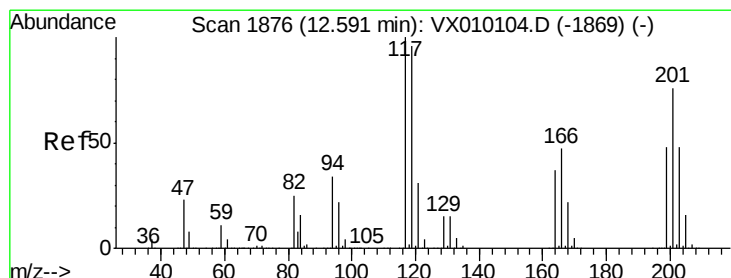
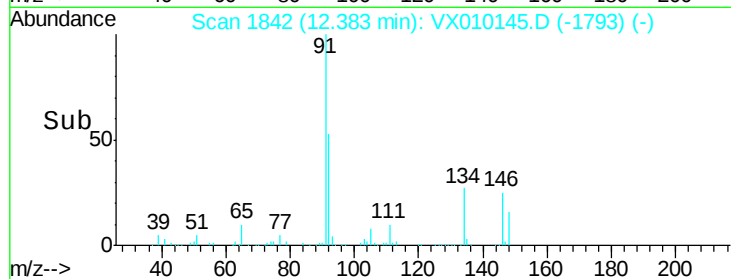
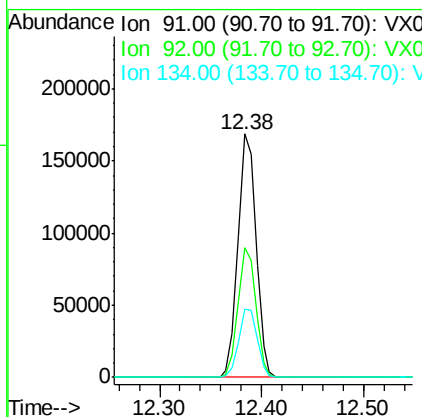
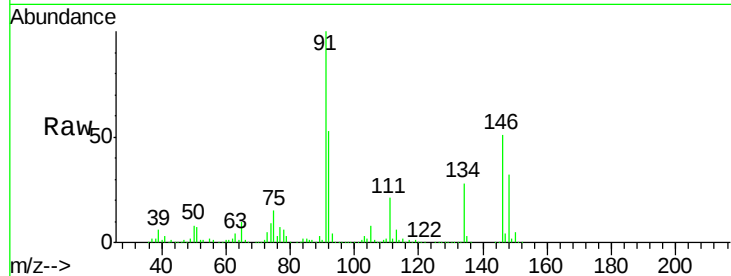
#89  
n-Butylbenzene  
Concen: 19.194 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0608WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 205515 |       |       |
| 92      | 52.5  | 26.3   | 78.8  |       |
| 134     | 28.5  | 12.3   | 36.8  |       |

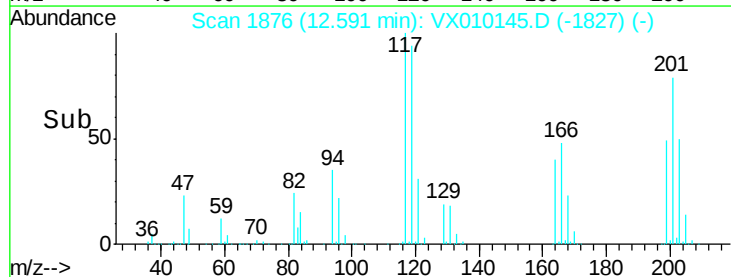
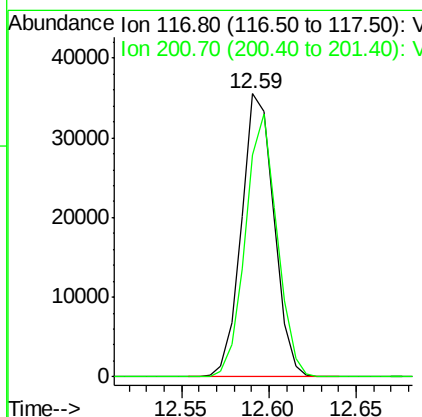
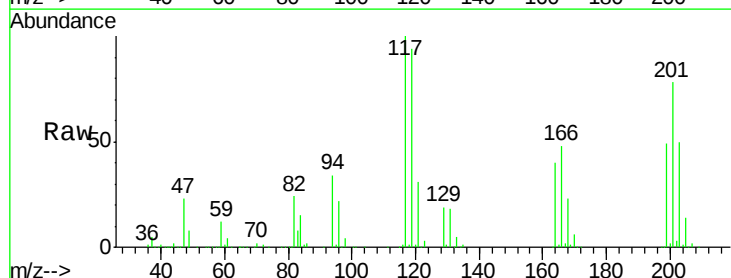
Manual Integrations  
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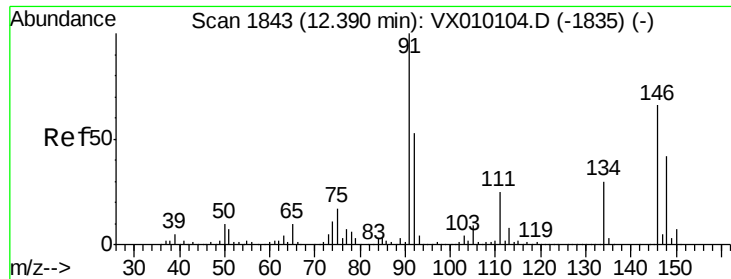
MMDadoda  
6/10/2019 9:40:31 AM



#90  
Hexachloroethane  
Concen: 18.535 ug/l  
RT: 12.59 min Scan# 1876  
Delta R.T. -0.00 min  
Lab File: VX010145.D  
Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 45927 |       |       |
| 201     | 89.9  | 43.6  | 130.9 |       |





#91

1,2-Dichlorobenzene

Concen: 20.513 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

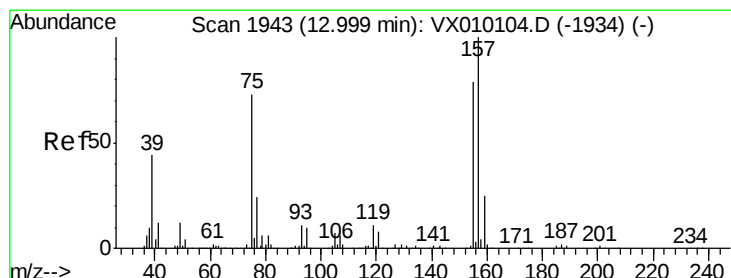
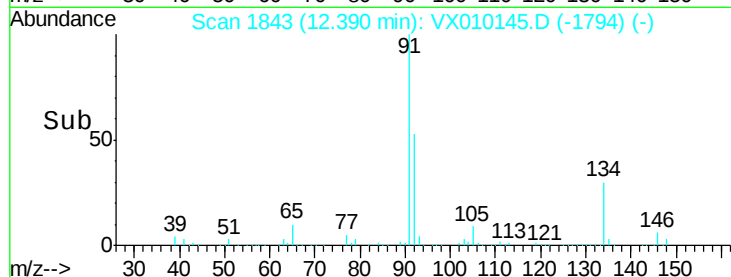
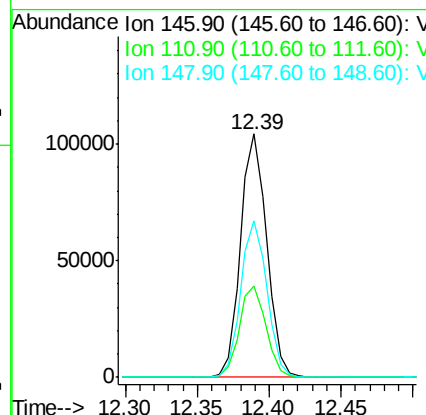
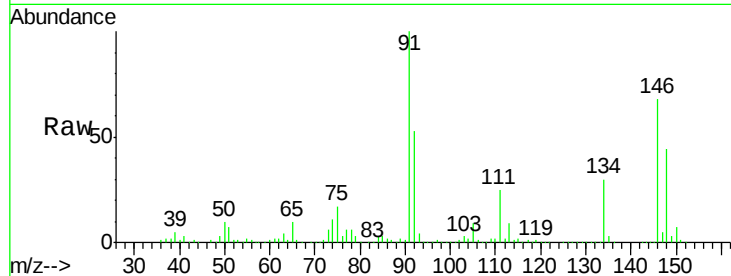
ClientSampleId :

VX0608WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 132337 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.3  | 21.1  | 63.1   |
| 148       | 64.6  | 32.3  | 96.8   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.173 ug/l

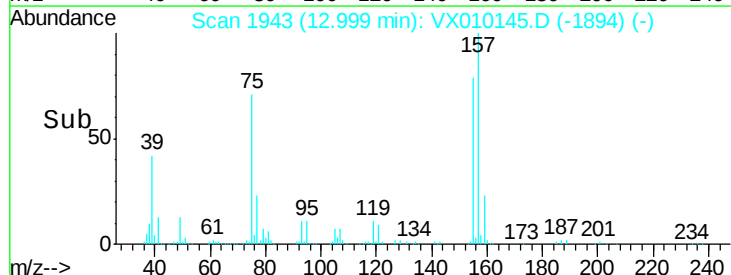
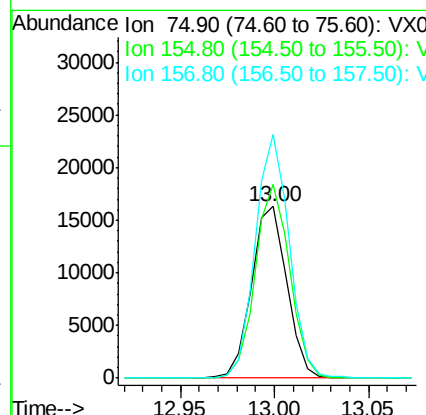
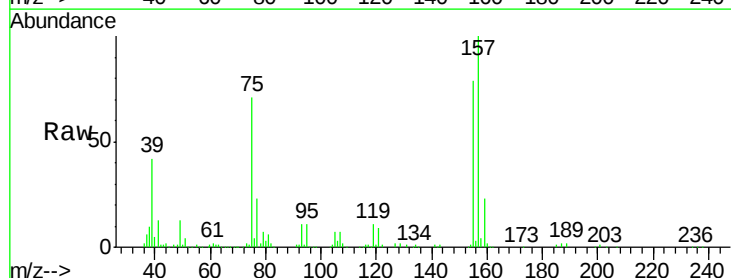
RT: 13.00 min Scan# 1943

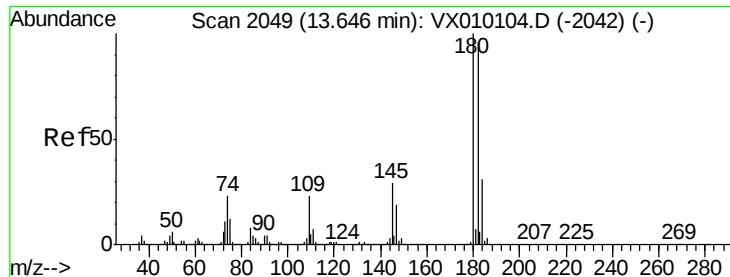
Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 21158 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 110.3 | 39.3  | 117.8 |
| 157       | 136.3 | 50.6  | 151.8 |





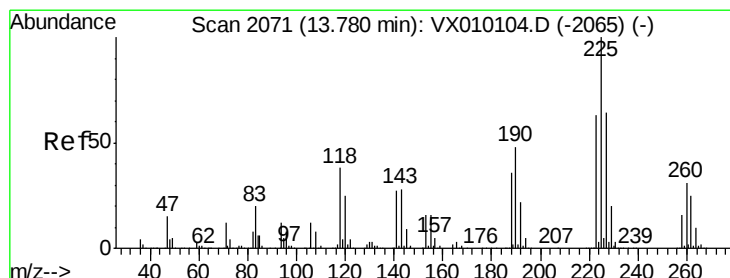
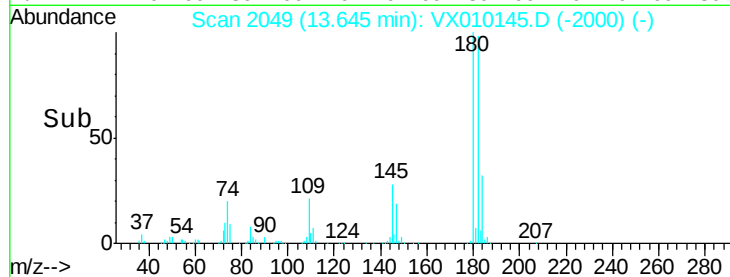
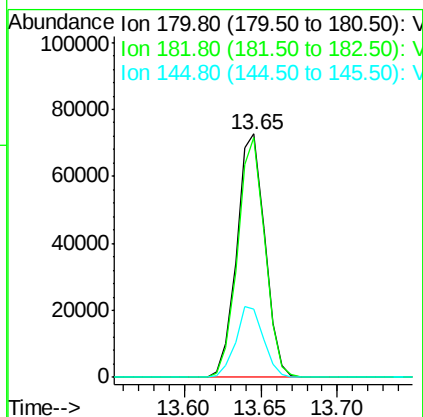
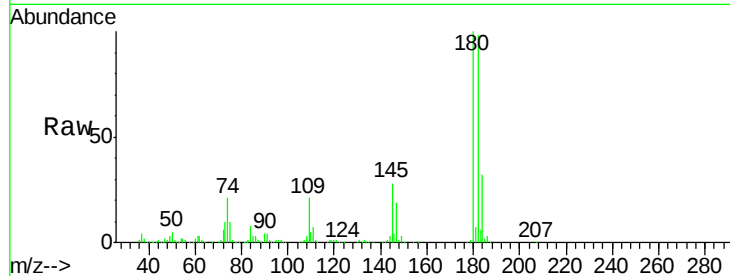
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.578 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX010145.D  
 Acq: 08 Jun 2019 17:53

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0608WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 47.4  | 142.2 |
| 145     | 28.9  | 14.5  | 43.5  |

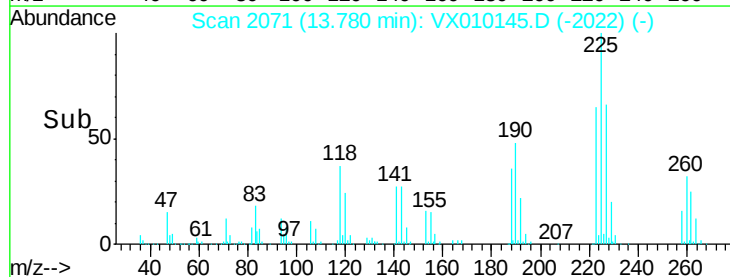
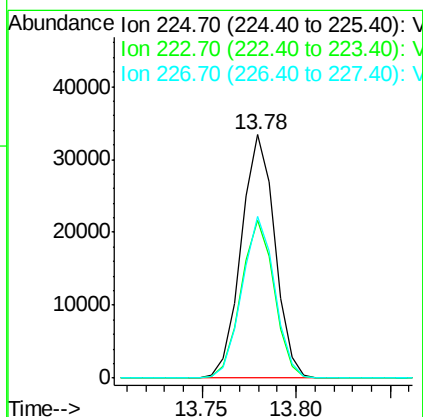
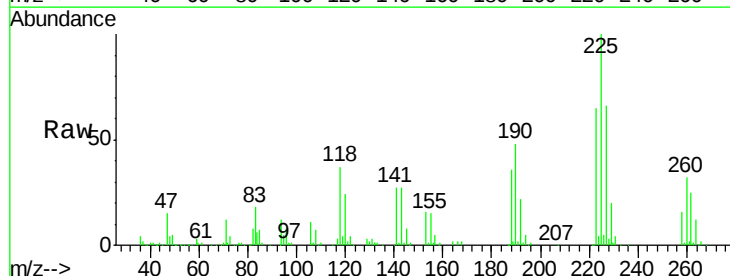
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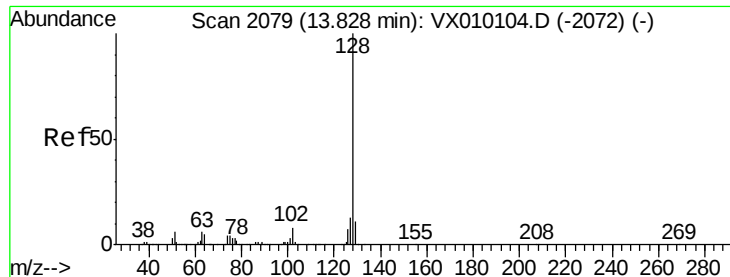
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 6/10/2019 9:40:31 AM



#94  
 Hexachlorobutadiene  
 Concen: 19.668 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX010145.D  
 Acq: 08 Jun 2019 17:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.6  | 31.3  | 93.8  |
| 227     | 64.6  | 32.3  | 96.8  |





#95

Naphthalene

Concen: 19.933 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

Instrument :

MSVOA\_X

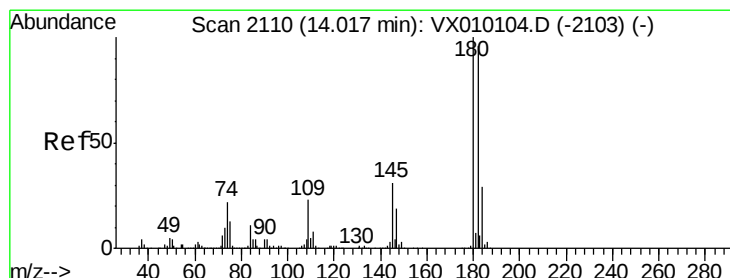
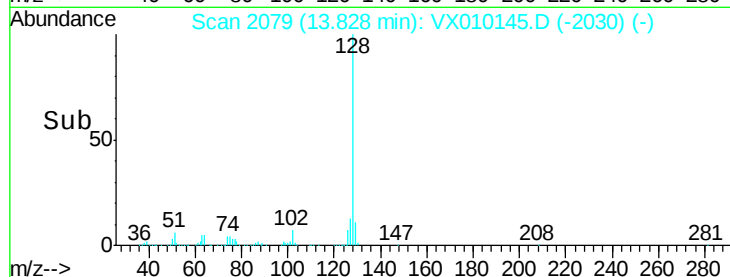
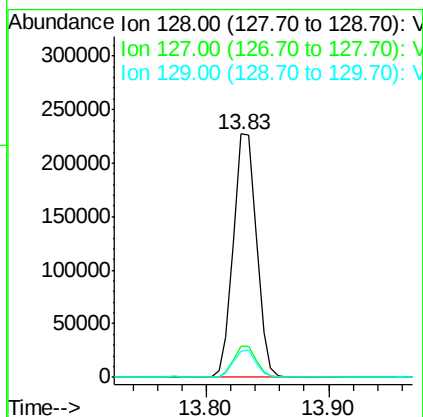
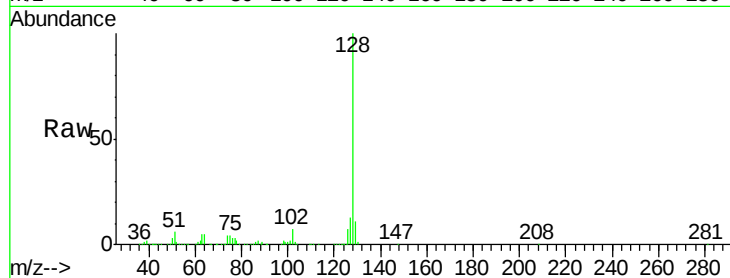
ClientSampleId :

VX0608WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 296311 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.8  | 10.6  | 16.0   |
| 129       | 11.0  | 8.8   | 13.2   |

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6/10/2019 9:40:31 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.202 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010145.D

Acq: 08 Jun 2019 17:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 94327 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.8  | 47.3  | 142.0 |
| 145       | 30.7  | 15.6  | 46.7  |

