

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011419\  
 Data File : VX007041.D  
 Acq On : 14 Jan 2019 16:02  
 Operator : JC/SP  
 Sample : VX0114WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0114WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 1/15/2019 11:13:16 AM

Quant Time: Jan 15 00:24:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 14:06:59 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 526984   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 783941   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 705933   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 361111   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 270496   | 49.11 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.22%  |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 243378   | 48.48 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.96%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 904869   | 49.24 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.48%  |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 326642   | 50.99 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.98% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 90563   | 20.927  | ug/l | 98     |
| 3) Chloromethane              | 1.33 | 50  | 100925  | 20.033  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.41 | 62  | 110692  | 20.426  | ug/l | 100    |
| 5) Bromomethane               | 1.64 | 94  | 114818  | 19.831  | ug/l | 96     |
| 6) Chloroethane               | 1.72 | 64  | 70094   | 18.524  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 170797  | 19.506  | ug/l | 100    |
| 8) Diethyl Ether              | 2.19 | 74  | 66485   | 19.085  | ug/l | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 98308   | 18.753  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 145403  | 20.562  | ug/l | 100    |
| 11) Tert butyl alcohol        | 3.07 | 59  | 135003  | 103.915 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 93095   | 19.221  | ug/l | 96     |
| 13) Acrolein                  | 2.29 | 56  | 54379   | 98.939  | ug/l | 98     |
| 14) Allyl chloride            | 2.73 | 41  | 163987  | 19.756  | ug/l | 97     |
| 15) Acrylonitrile             | 3.15 | 53  | 296396  | 99.381  | ug/l | 98     |
| 16) Acetone                   | 2.45 | 43  | 262315  | 96.344  | ug/l | 99     |
| 17) Carbon Disulfide          | 2.57 | 76  | 224000  | 17.963  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 161098  | 20.432  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 334385  | 19.891  | ug/l | 98     |
| 20) Methylene Chloride        | 2.85 | 84  | 109877  | 20.888  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 99794   | 18.489  | ug/l | 96     |
| 22) Diisopropyl ether         | 3.87 | 45  | 300650  | 19.266  | ug/l | 99     |
| 23) Vinyl Acetate             | 3.82 | 43  | 1251947 | 95.132  | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 167588  | 19.206  | ug/l | 99     |
| 25) 2-Butanone                | 4.70 | 43  | 384149  | 98.606  | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 115265  | 17.179  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 112585  | 18.911  | ug/l | 98     |
| 28) Bromochloromethane        | 5.02 | 49  | 75265   | 19.687  | ug/l | 96     |
| 29) Tetrahydrofuran           | 5.16 | 42  | 242823  | 95.910  | ug/l | 100    |
| 30) Chloroform                | 5.21 | 83  | 176877  | 19.361  | ug/l | 99     |
| 31) Cyclohexane               | 5.57 | 56  | 145362  | 18.717  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 147794  | 19.086  | ug/l | 98     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 125963  | 18.481  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.85 | 43  | 142250  | 19.467  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.79 | 117 | 126052  | 18.382  | ug/l | 94     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011419\  
 Data File : VX007041.D  
 Acq On : 14 Jan 2019 16:02  
 Operator : JC/SP  
 Sample : VX0114WBSD01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0114WBSD01

Manual Integrations  
 APPROVED

MMDadoda  
 1/15/2019 11:13:16 AM

Quant Time: Jan 15 00:24:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 14:06:59 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 154076   | 17.732  | ug/l   | 97       |
| 40) Benzene                    | 6.15  | 78   | 395728   | 19.028  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.06  | 41   | 78847    | 18.731  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 136583   | 19.005  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 223505   | 19.392  | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 114090   | 18.307  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 99475    | 19.026  | ug/l   | 96       |
| 46) Dibromomethane             | 7.66  | 93   | 70372    | 19.151  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 116505   | 18.627  | ug/l   | 98       |
| 48) Methyl methacrylate        | 7.77  | 41   | 115884   | 19.578  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 54434    | 397.533 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 754011   | 101.794 | ug/l   | 99       |
| 52) Toluene                    | 8.78  | 92   | 257922   | 19.296  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 129138   | 18.620  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 144656   | 18.887  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 107093   | 20.016  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 156990   | 20.099  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 169588   | 19.348  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 395005   | 98.360  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 577495   | 102.307 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 101917   | 19.617  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 114381   | 19.419  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 118120   | 19.327  | ug/l   | 94       |
| 65) Chlorobenzene              | 10.14 | 112  | 301539   | 19.585  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 101974   | 19.688  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 485578   | 19.104  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 381787   | 38.124  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 188872   | 19.339  | ug/l   | 97       |
| 70) Styrene                    | 10.71 | 104  | 302923   | 19.584  | ug/l   | 99       |
| 71) Bromoform                  | 10.86 | 173  | 74858    | 19.354  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 496415   | 19.495  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 202464   | 19.749  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 157936   | 19.537  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 149288m  | 20.401  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 137851   | 19.648  | ug/l   | 100      |
| 78) n-propylbenzene            | 11.36 | 91   | 548556   | 19.624  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 330211   | 19.624  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 411229   | 19.328  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 37356    | 18.023  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 378270   | 19.416  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 419135   | 19.744  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 424338   | 19.833  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 501917   | 19.798  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 441234   | 19.457  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 243809   | 19.225  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 244197   | 20.410  | ug/l   | 97       |
| 89) n-Butylbenzene             | 12.38 | 91   | 371523   | 19.219  | ug/l   | 97       |
| 90) Hexachloroethane           | 12.60 | 117  | 61525    | 18.915  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 241934   | 19.332  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 31536    | 19.725  | ug/l   | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011419\  
Data File : VX007041.D  
Acq On : 14 Jan 2019 16:02  
Operator : JC/SP  
Sample : VX0114WBSD01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0114WBSD01

Manual Integrations  
APPROVED

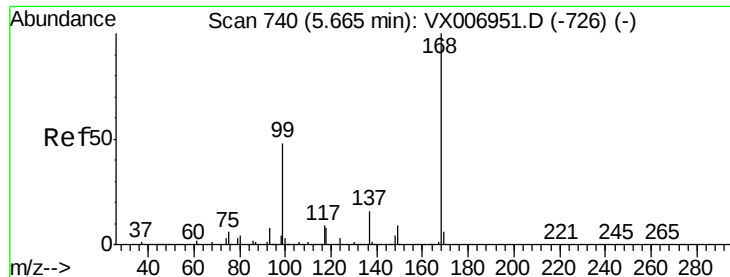
MMDadoda  
1/15/2019 11:13:16 AM

Quant Time: Jan 15 00:24:25 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 08 14:06:59 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 162307   | 18.904 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 75785    | 19.890 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 507881   | 19.521 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 162255   | 19.023 | 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: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0114WBSD01

Tot Ion:168 Resp: 526984

Ion Ratio Lower Upper

168 100

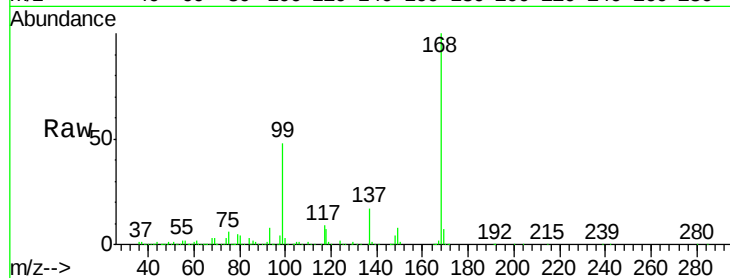
99 48.1 41.8 62.8

Manual Integrations

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1/15/2019 11:13:16 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

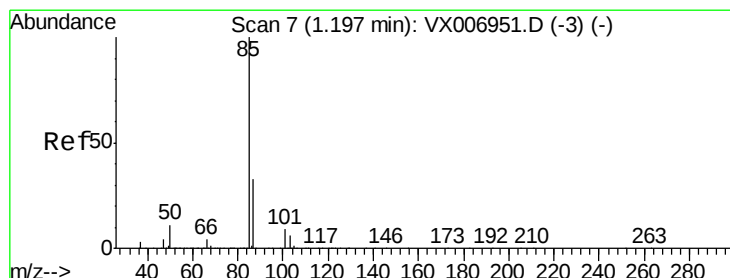
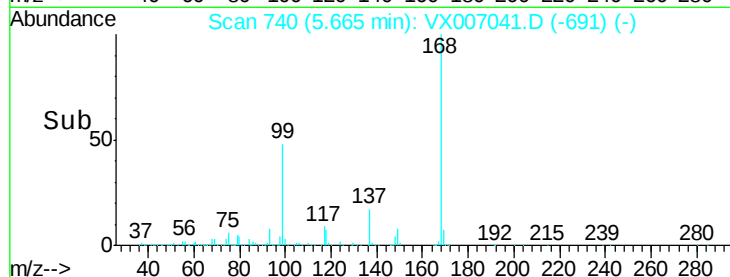
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.927 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007041.D

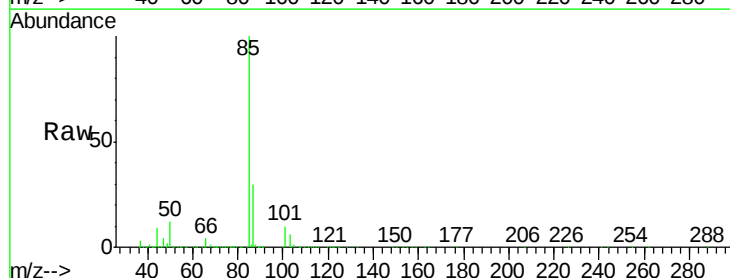
Acq: 14 Jan 2019 16:02

Tgt Ion: 85 Resp: 90563

Ion Ratio Lower Upper

85 100

87 30.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

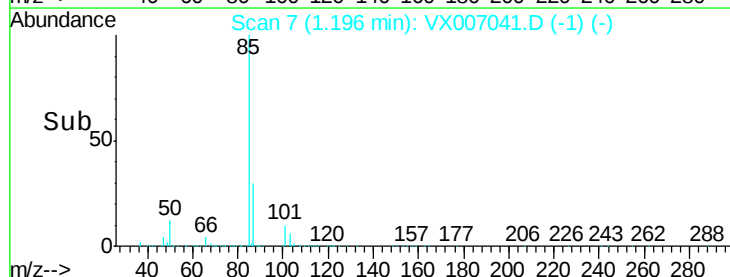
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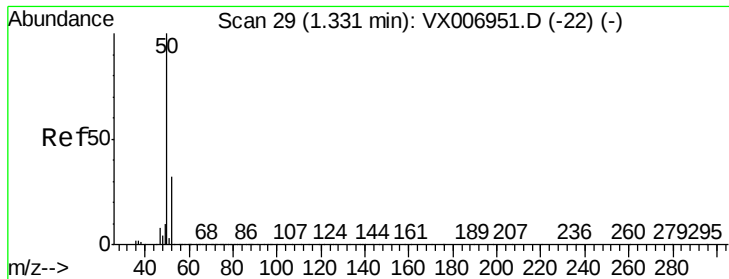
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 20.033 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 50 Resp: 100925

Ion Ratio Lower Upper

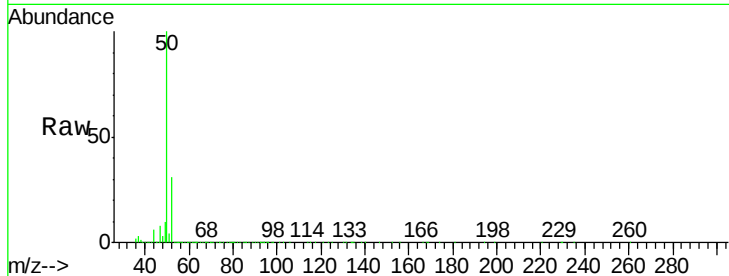
50 100

52 30.7 25.4 38.2

Manual Integrations  
APPROVED

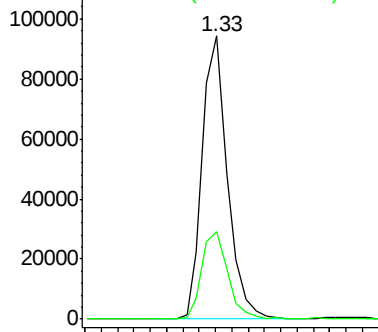
MMDadoda

1/15/2019 11:13:16 AM

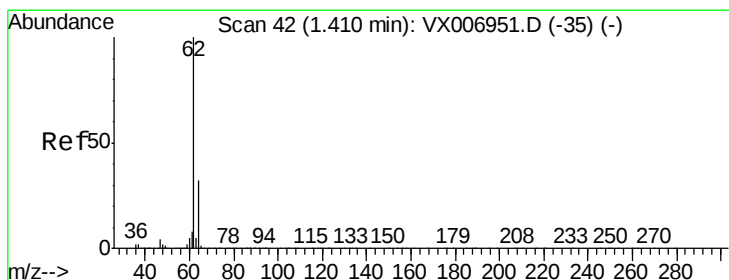
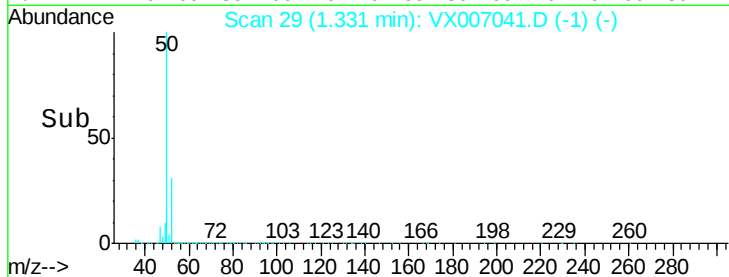


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 20.426 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007041.D

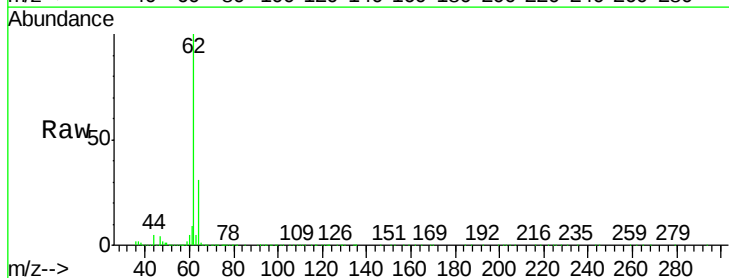
Acq: 14 Jan 2019 16:02

Tgt Ion: 62 Resp: 110692

Ion Ratio Lower Upper

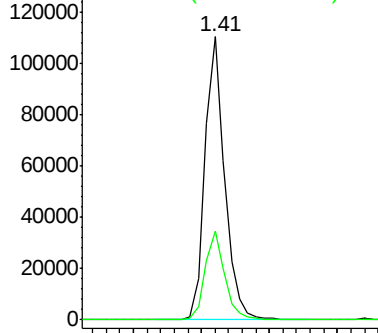
62 100

64 31.2 25.1 37.7

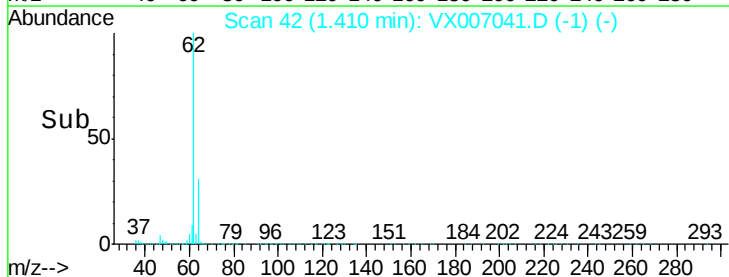


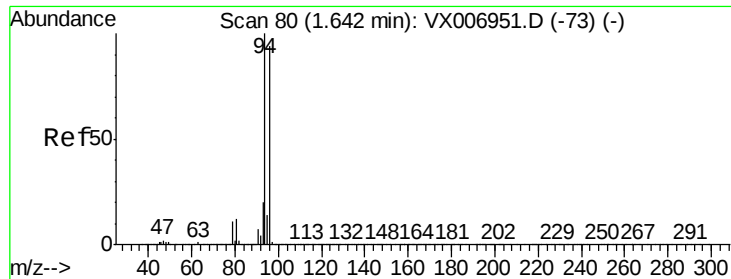
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 19.831 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 94 Resp: 114818

Ion Ratio Lower Upper

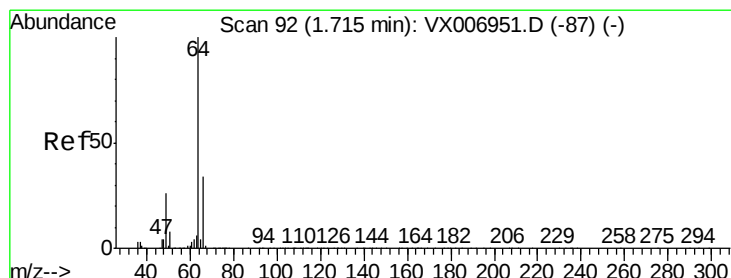
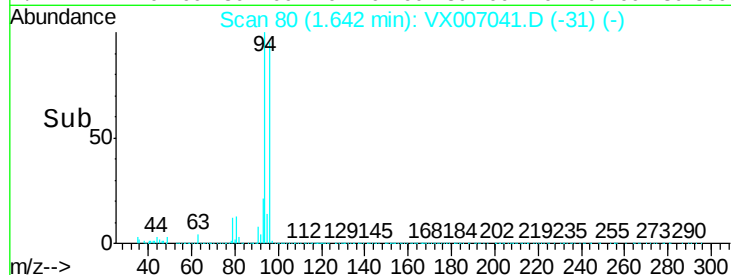
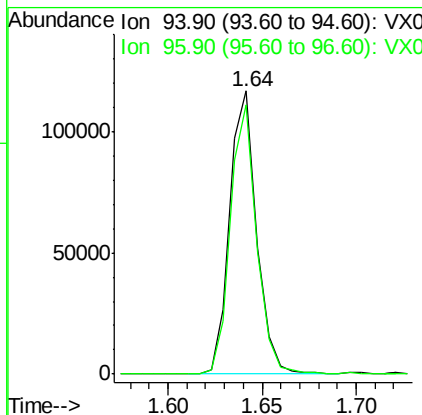
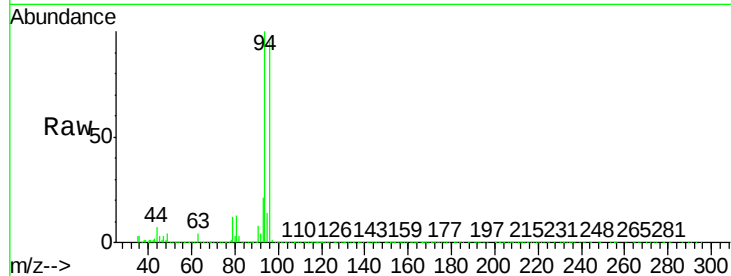
94 100

96 95.4 73.4 110.2

Manual Integrations  
APPROVED

MMDadoda

1/15/2019 11:13:16 AM



#6

Chloroethane

Concen: 18.524 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007041.D

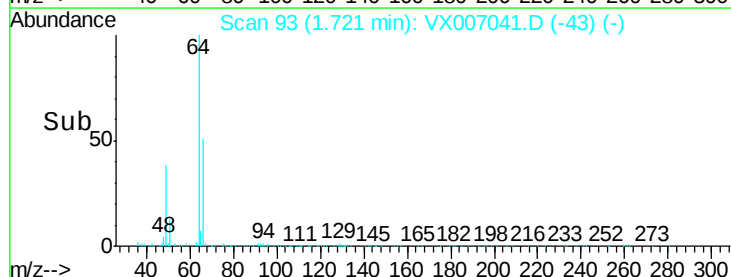
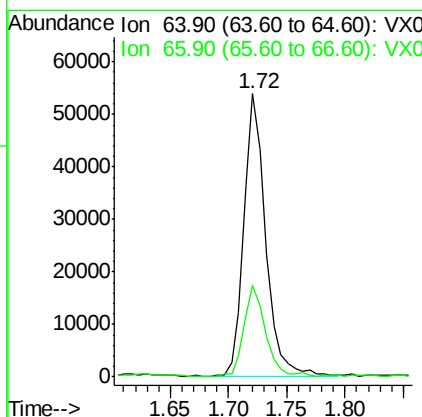
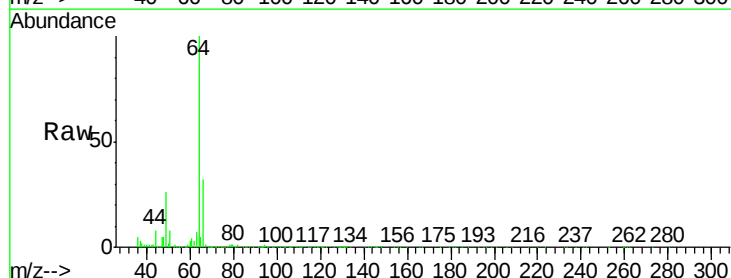
Acq: 14 Jan 2019 16:02

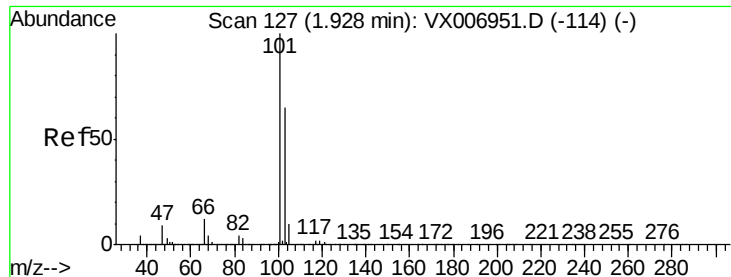
Tgt Ion: 64 Resp: 70094

Ion Ratio Lower Upper

64 100

66 32.2 26.4 39.6





#7

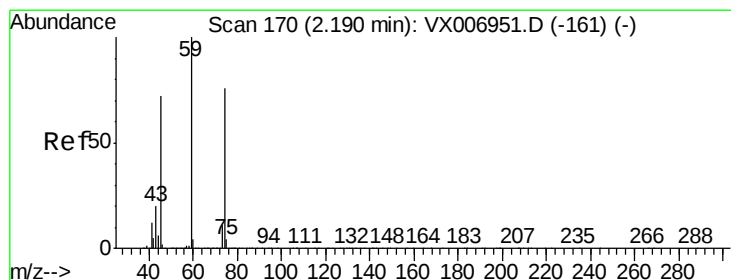
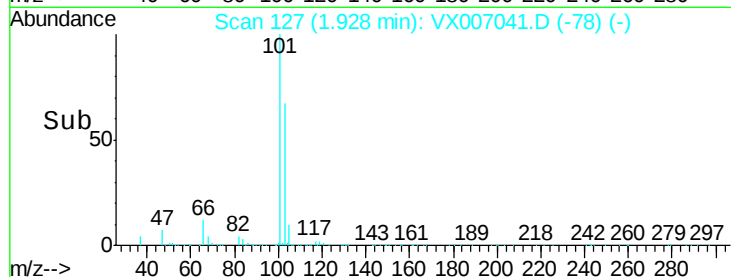
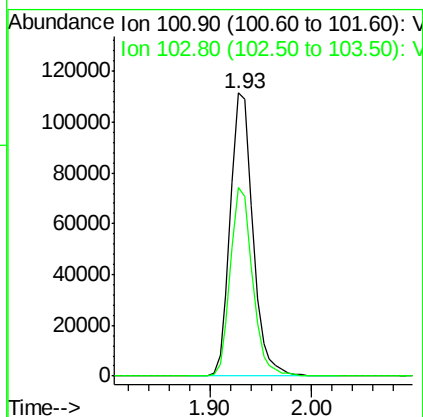
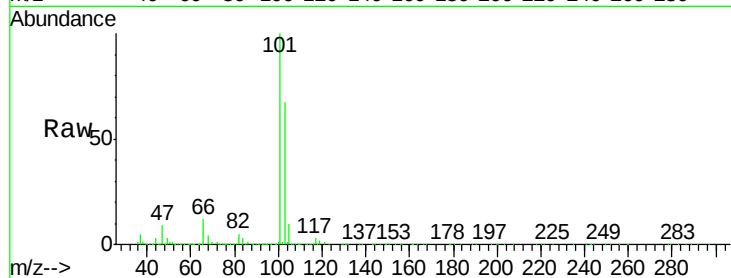
Trichlorofluoromethane  
Concen: 19.506 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0114WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.8  | 53.2  | 79.8  |

Manual Integrations  
APPROVED

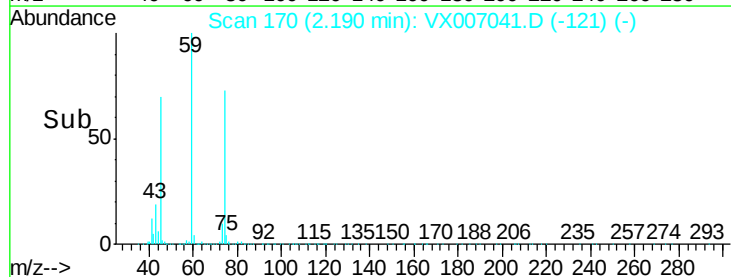
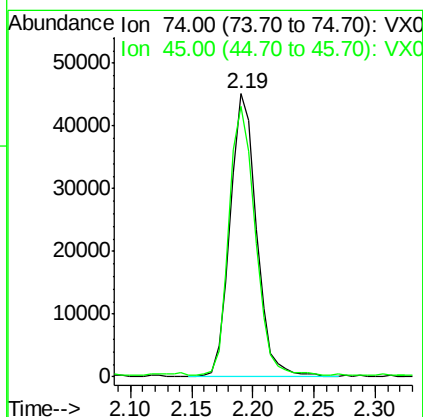
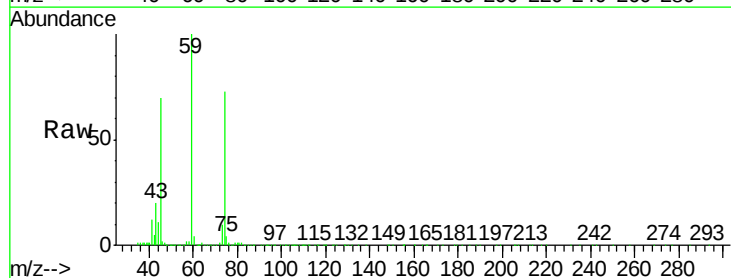
MMDadoda  
1/15/2019 11:13:16 AM

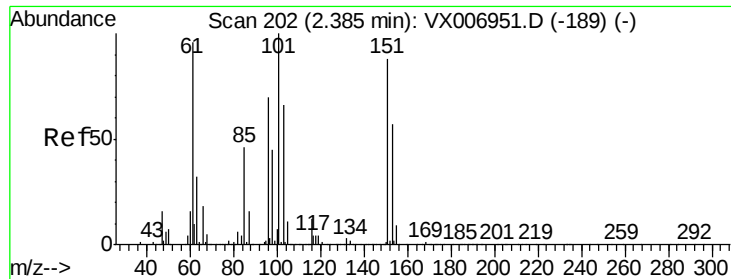


#8

Diethyl Ether  
Concen: 19.085 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 95.0  | 46.3  | 138.9 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.753 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

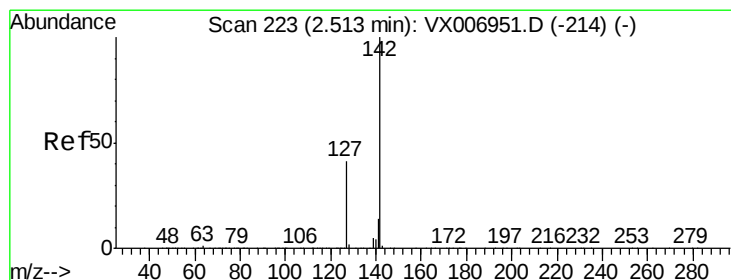
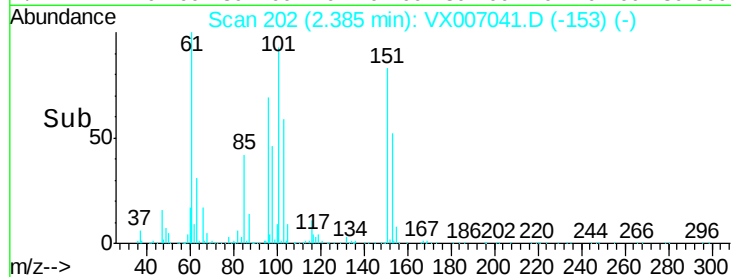
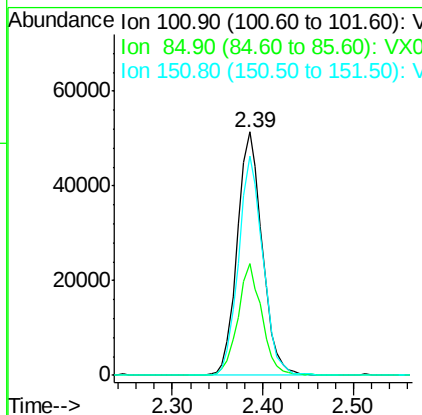
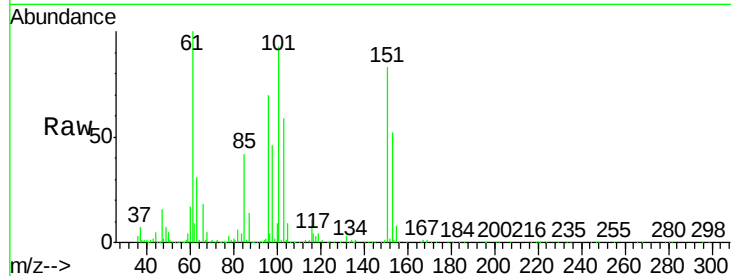
ClientSampleId :

VX0114WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 98308 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 44.0  | 35.1  | 52.7  |
| 151       | 87.9  | 68.9  | 103.3 |

Manual Integrations  
APPROVED

MMDadoda  
1/15/2019 11:13:16 AM



#10

Methyl Iodide

Concen: 20.562 ug/l

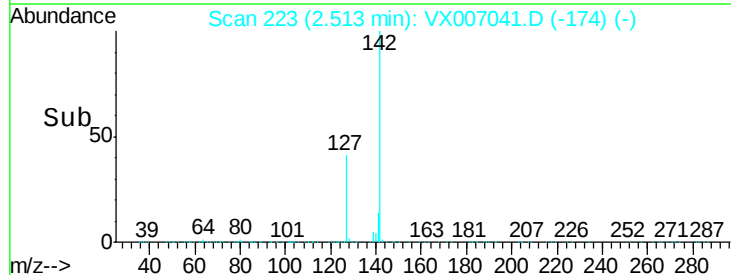
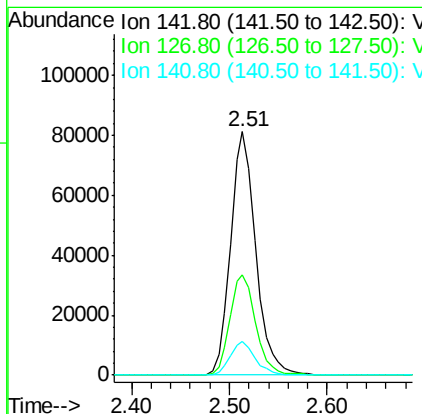
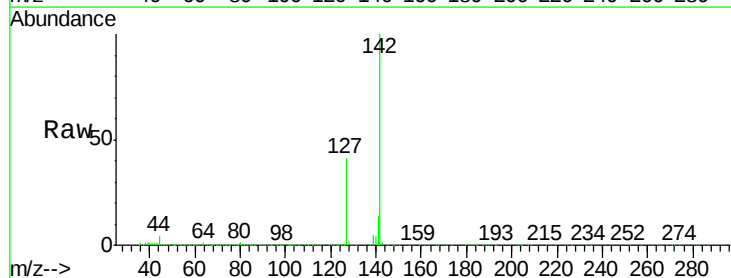
RT: 2.51 min Scan# 223

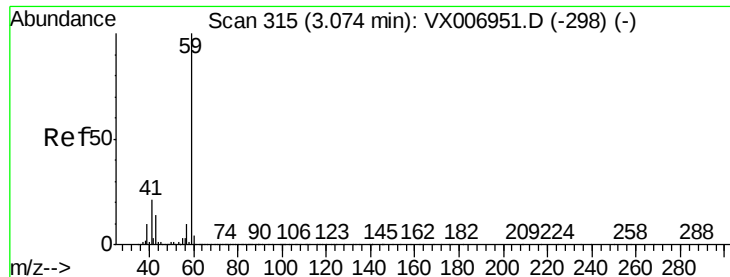
Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 145403 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.2  | 33.9  | 50.9   |
| 141       | 14.0  | 11.4  | 17.0   |





#11

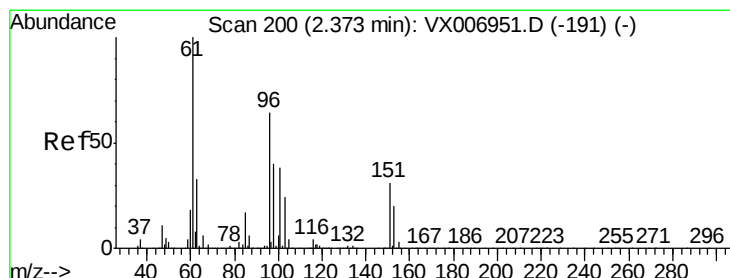
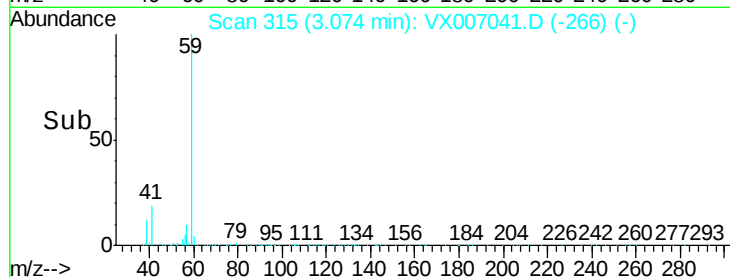
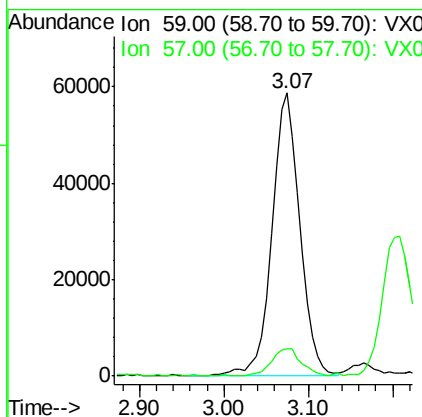
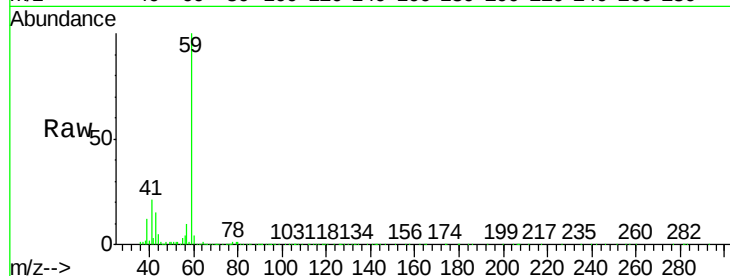
Tert butyl alcohol  
Concen: 103.915 ug/l  
RT: 3.07 min Scan# 315  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0114WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.2  | 8.5   | 12.7  |

Manual Integrations  
APPROVED

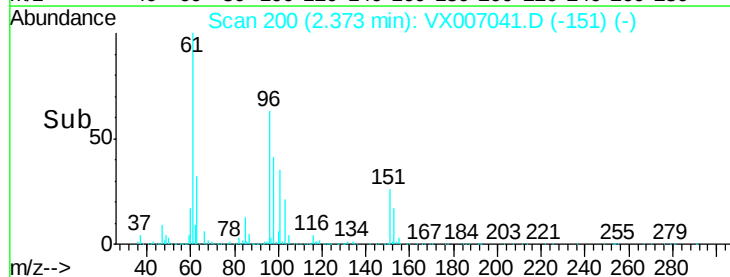
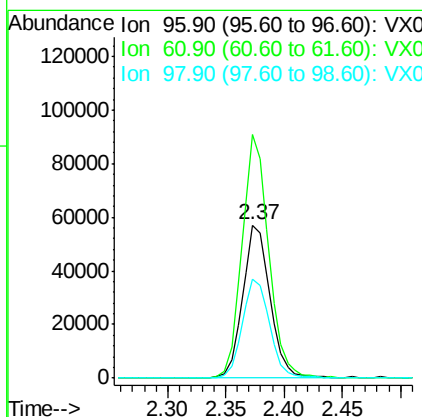
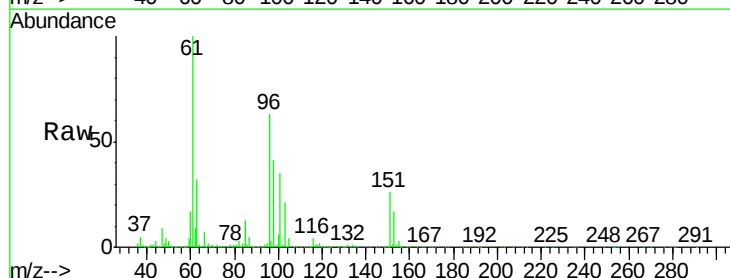
MMDadoda  
1/15/2019 11:13:16 AM

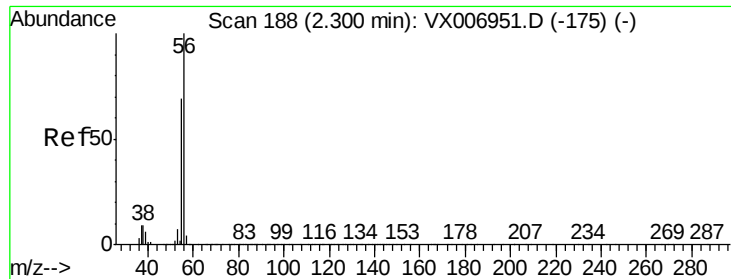


#12

1,1-Dichloroethene  
Concen: 19.221 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 159.1 | 121.4 | 182.2 |
| 98      | 64.5  | 51.9  | 77.9  |





#13

Acrolein

Concen: 98.939 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 56 Resp: 54379

Ion Ratio Lower Upper

56 100

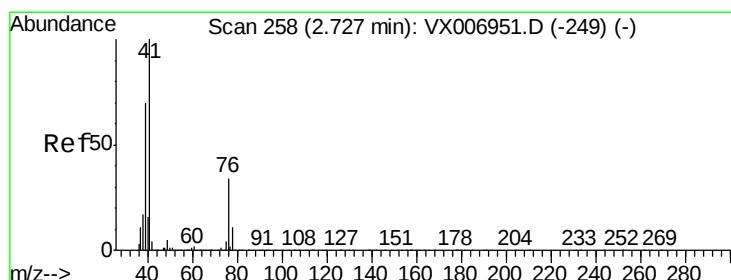
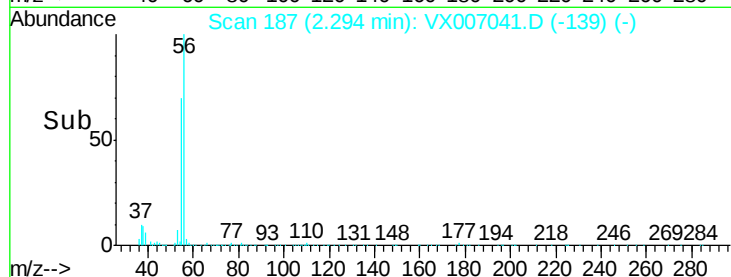
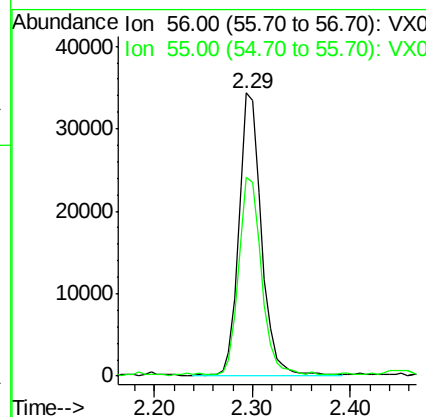
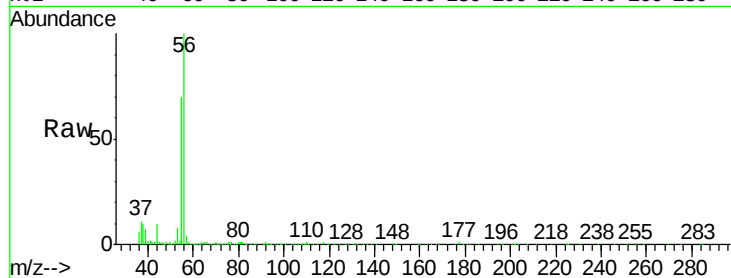
55 71.2 58.2 87.4

Manual Integrations

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1/15/2019 11:13:16 AM



#14

Allyl chloride

Concen: 19.756 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

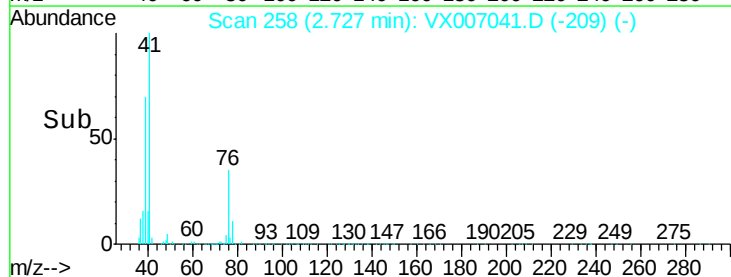
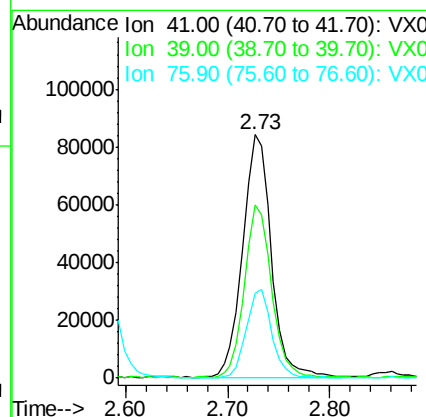
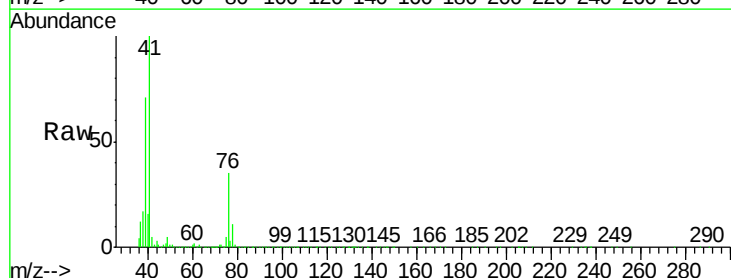
Tgt Ion: 41 Resp: 163987

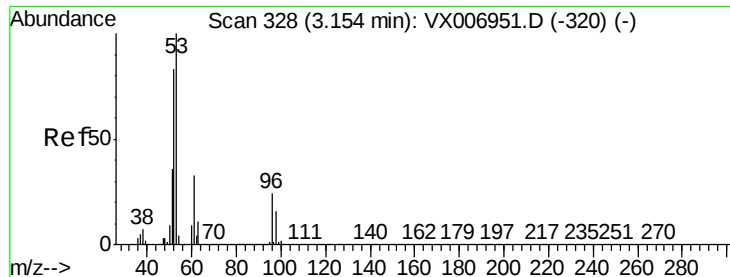
Ion Ratio Lower Upper

41 100

39 69.1 53.6 80.4

76 32.5 27.4 41.2





#15

Acrylonitrile

Concen: 99.381 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

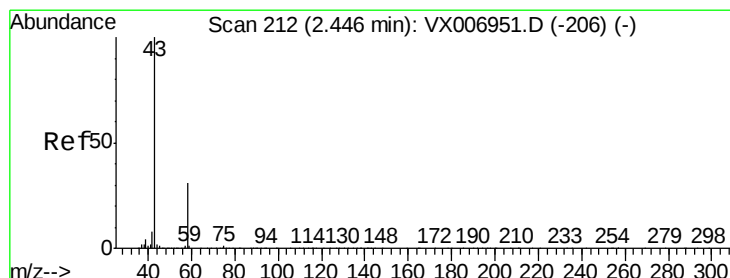
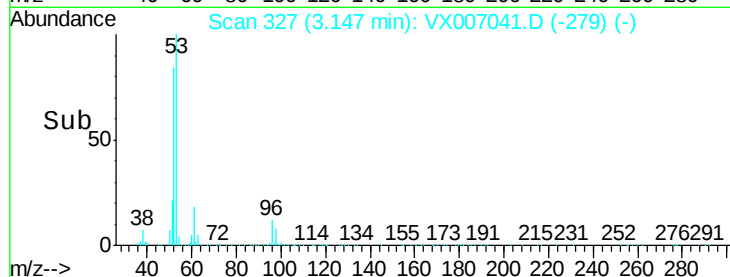
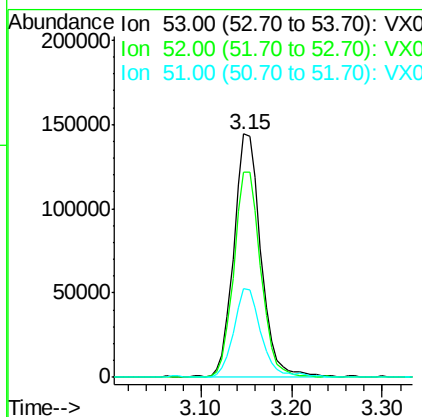
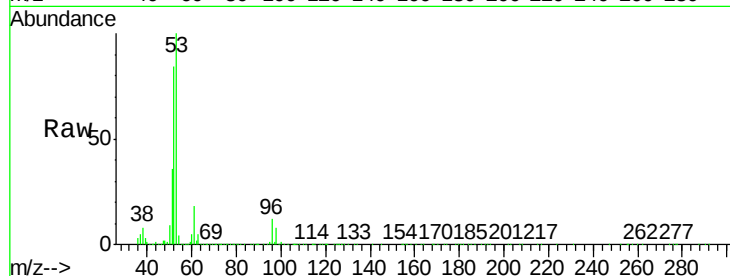
ClientSampleId :

VX0114WBSD01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 296396 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 84.0 | 66.0  | 99.0   |
| 51        | 36.8 | 28.6  | 42.8   |

Manual Integrations  
APPROVED

MMDadoda  
1/15/2019 11:13:16 AM



#16

Acetone

Concen: 96.344 ug/l

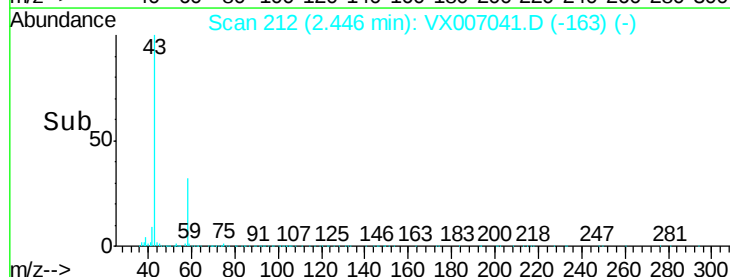
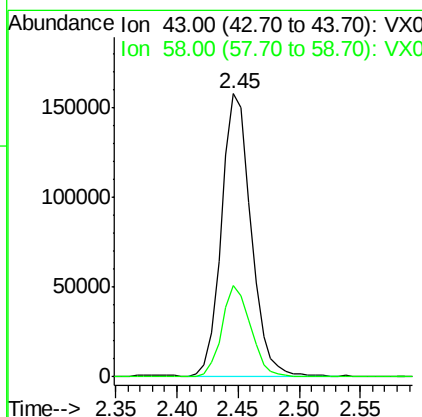
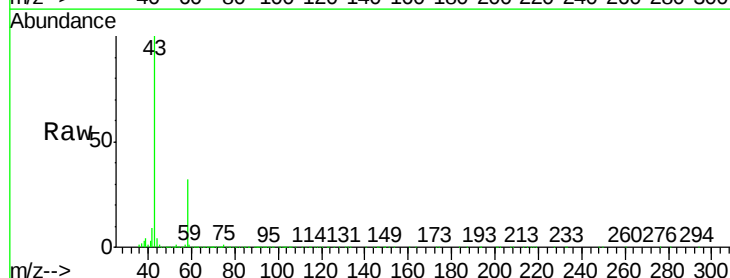
RT: 2.45 min Scan# 212

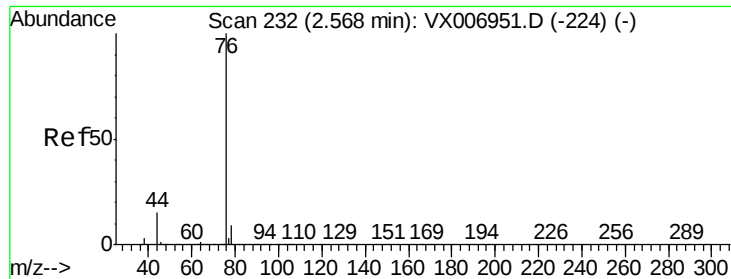
Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 262315 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 32.0 | 25.0  | 37.6   |





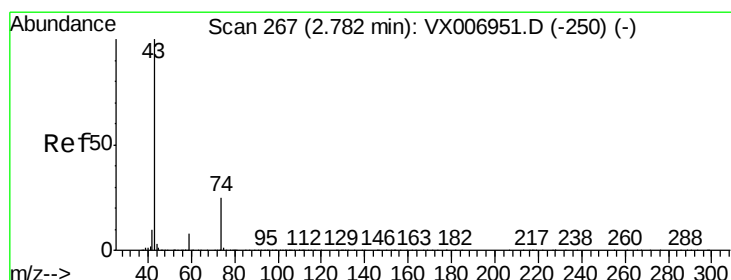
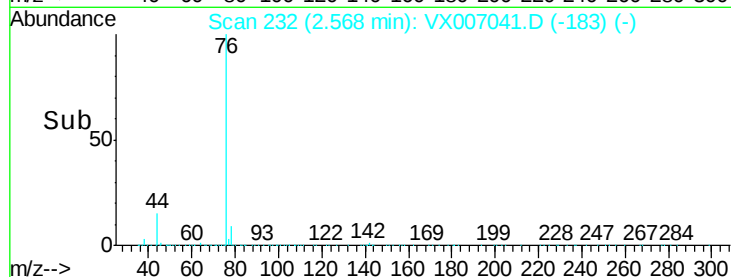
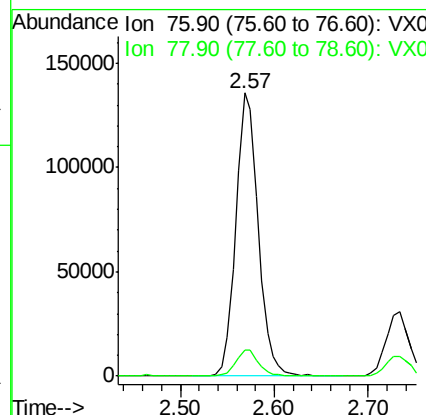
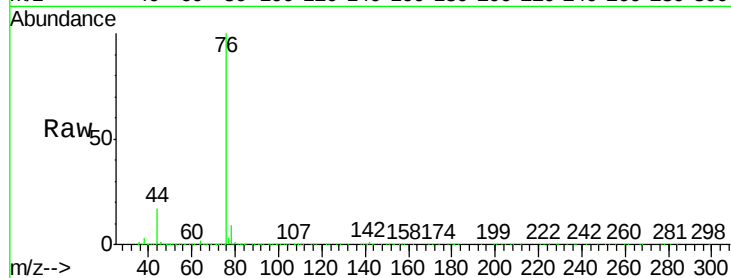
#17  
Carbon Disulfide  
Concen: 17.963 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0114WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.0   | 10.6  |

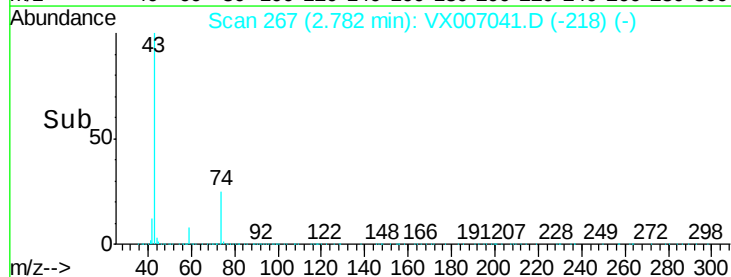
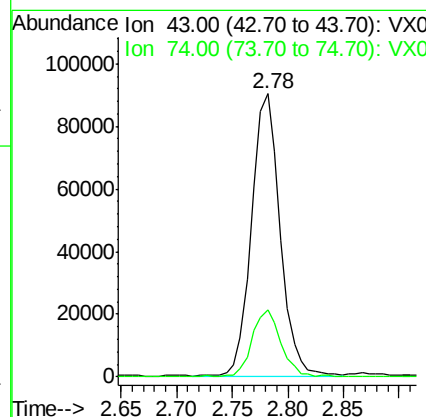
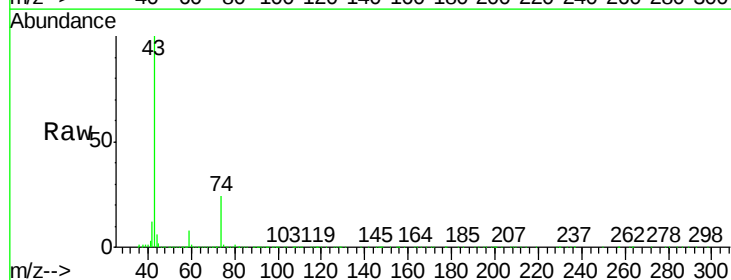
Manual Integrations  
APPROVED

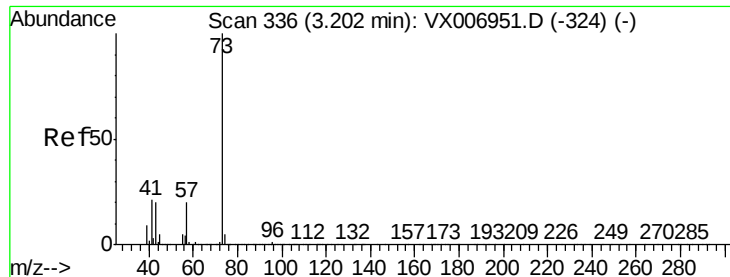
MMDadoda  
1/15/2019 11:13:16 AM



#18  
Methyl Acetate  
Concen: 20.432 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.9  | 18.6  | 28.0  |





#19

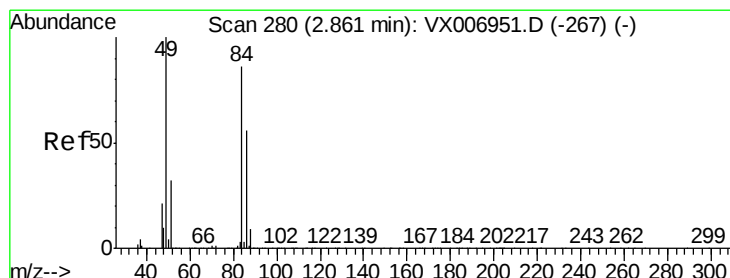
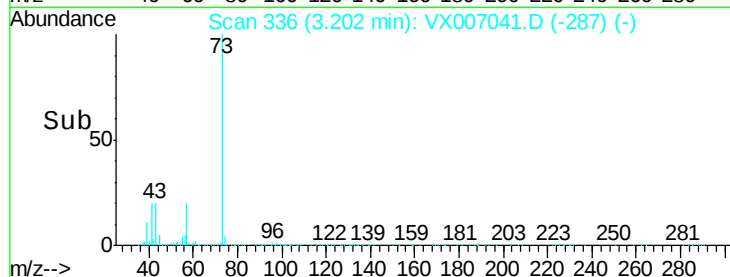
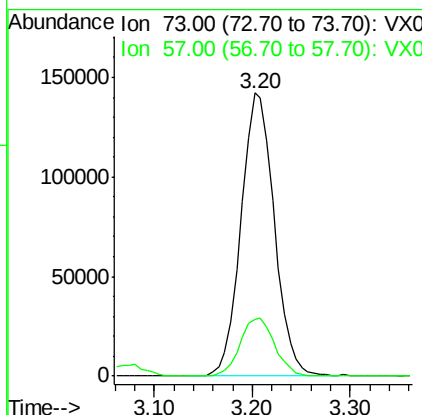
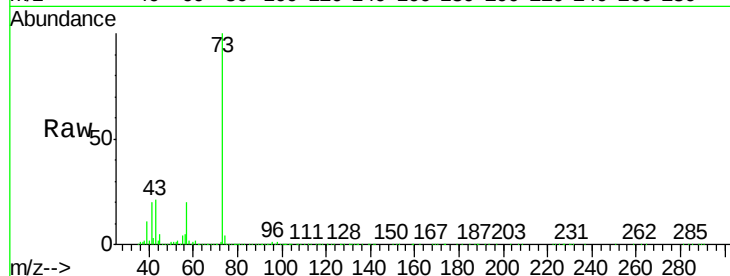
Methyl tert-butyl Ether  
 Concen: 19.891 ug/l  
 RT: 3.20 min Scan# 336  
 Delta R.T. -0.00 min  
 Lab File: VX007041.D  
 Acq: 14 Jan 2019 16:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0114WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 20.0  | 16.8  | 25.2  |

Manual Integrations  
 APPROVED

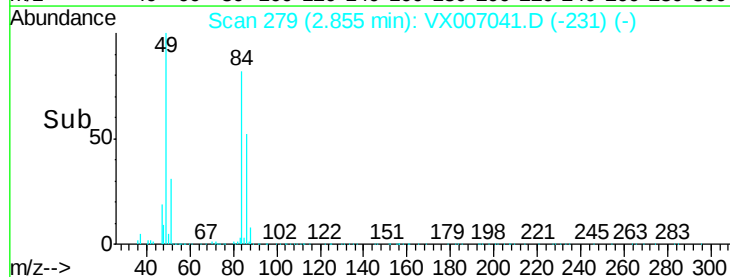
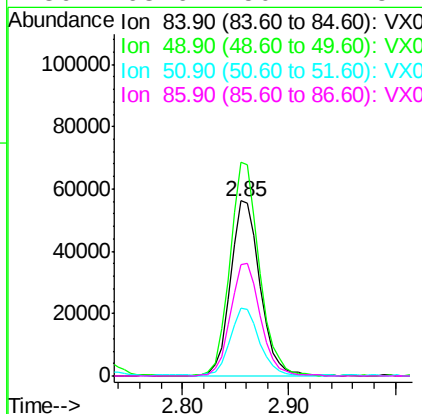
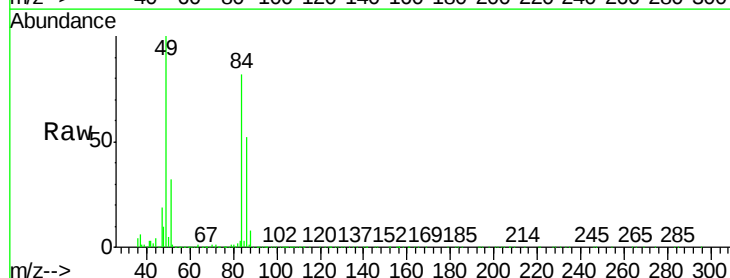
MMDadoda  
 1/15/2019 11:13:16 AM

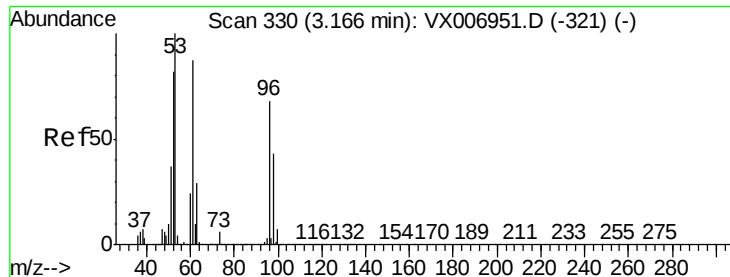


#20

Methylene Chloride  
 Concen: 20.888 ug/l  
 RT: 2.85 min Scan# 279  
 Delta R.T. -0.01 min  
 Lab File: VX007041.D  
 Acq: 14 Jan 2019 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 122.0 | 91.8  | 137.6 |
| 51      | 38.3  | 28.5  | 42.7  |
| 86      | 63.6  | 50.2  | 75.2  |





#21

trans-1,2-Dichloroethene

Concen: 18.489 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

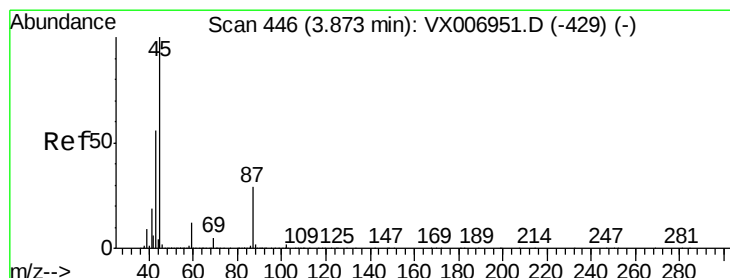
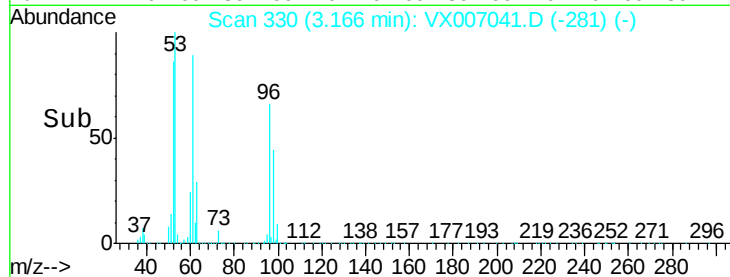
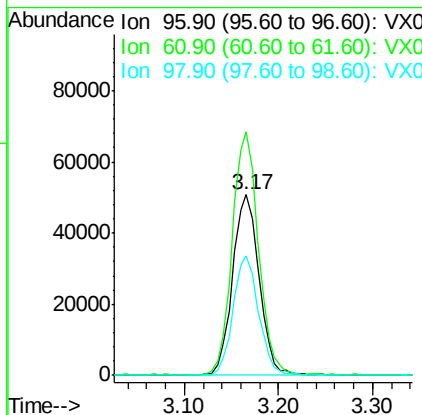
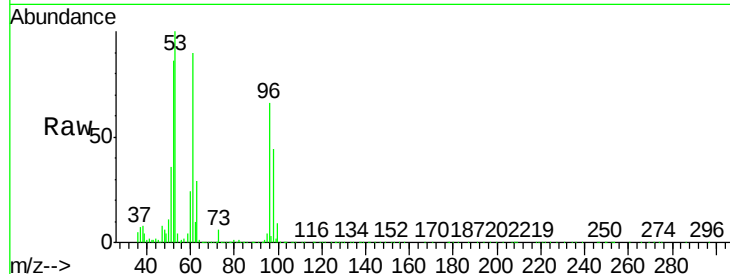
ClientSampleId :

VX0114WBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 96    | Resp: | 99794 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 134.7 | 103.7 | 155.5 |
| 98        | 66.0  | 51.0  | 76.6  |

Manual Integrations  
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MMDadoda  
1/15/2019 11:13:16 AM



#22

Diisopropyl ether

Concen: 19.266 ug/l

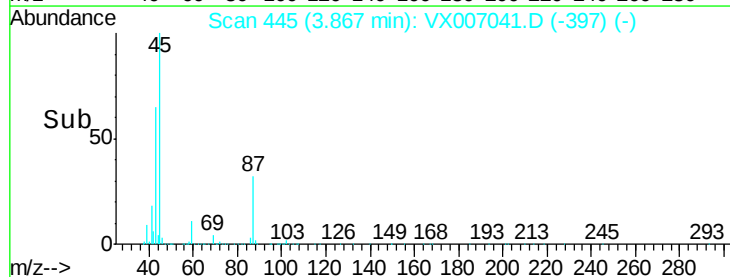
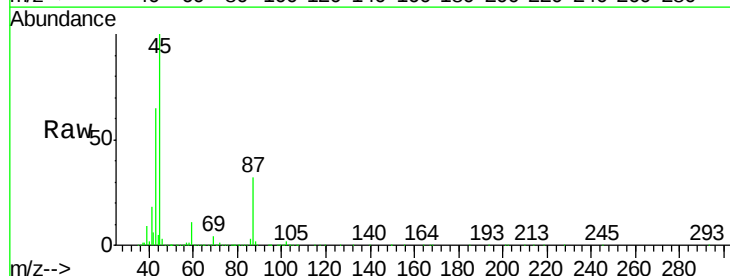
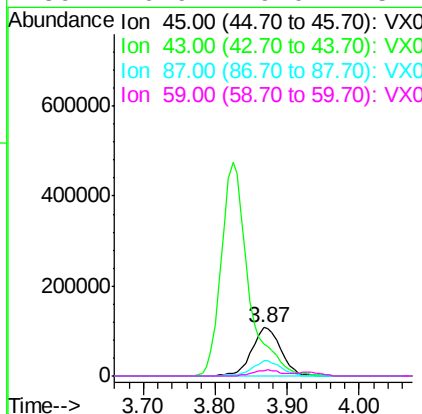
RT: 3.87 min Scan# 445

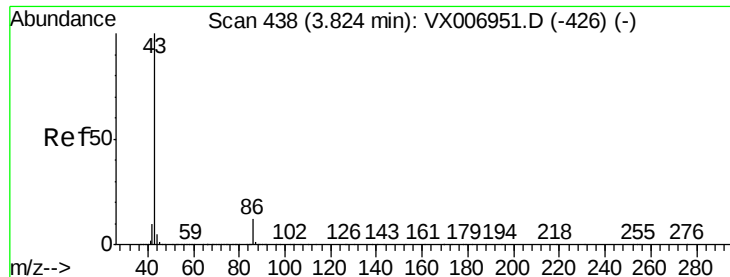
Delta R.T. -0.01 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 300650 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 65.2  | 51.2  | 76.8   |
| 87        | 31.5  | 25.8  | 38.6   |
| 59        | 10.9  | 9.0   | 13.4   |





#23

Vinyl Acetate

Concen: 95.132 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampleID :

VX0114WBSD01

Tot Ion: 43 Resp: 1251947

Ion Ratio Lower Upper

43 100

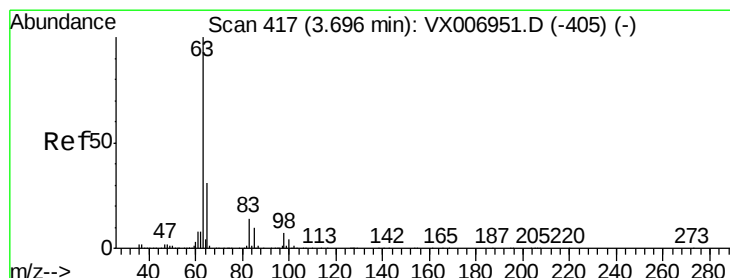
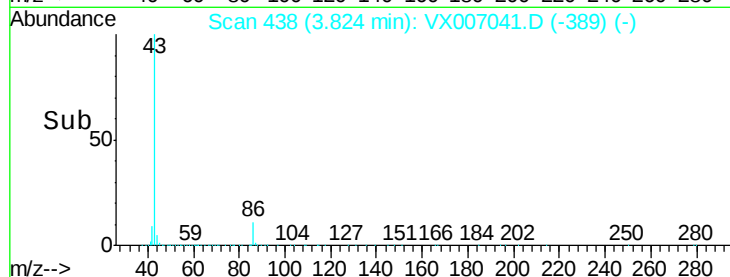
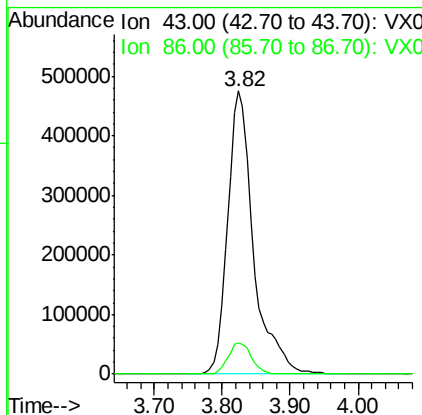
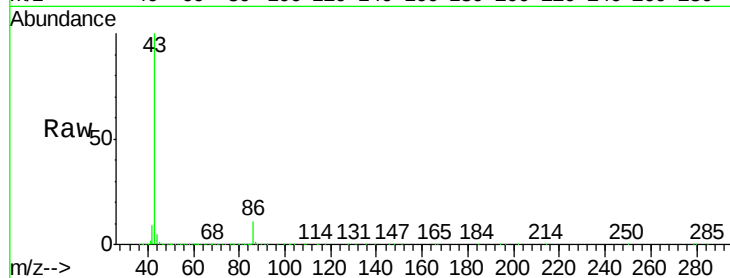
86 11.1 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 19.206 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

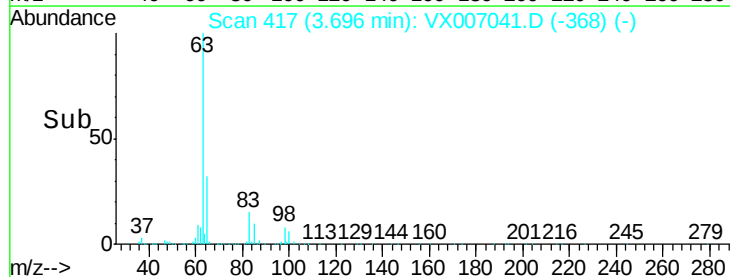
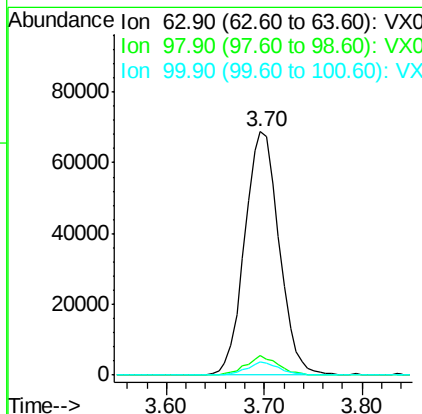
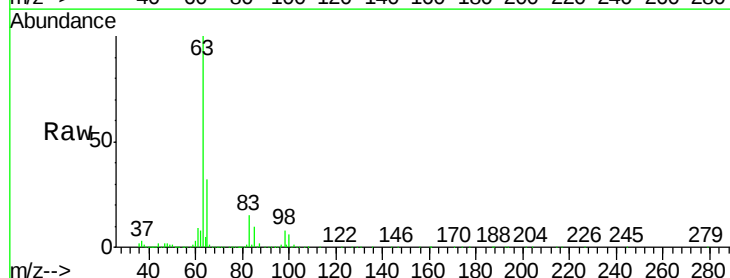
Tgt Ion: 63 Resp: 167588

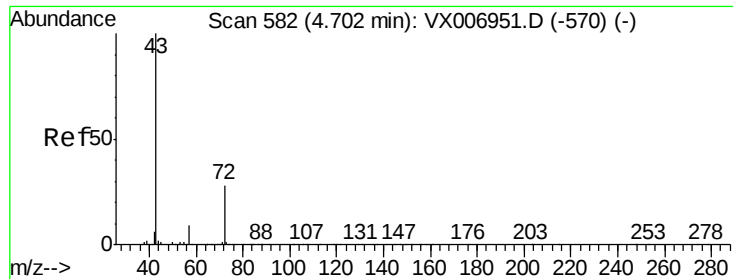
Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

100 5.5 2.4 7.2





#25

2-Butanone

Concen: 98.606 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 43 Resp: 384149

Ion Ratio Lower Upper

43 100

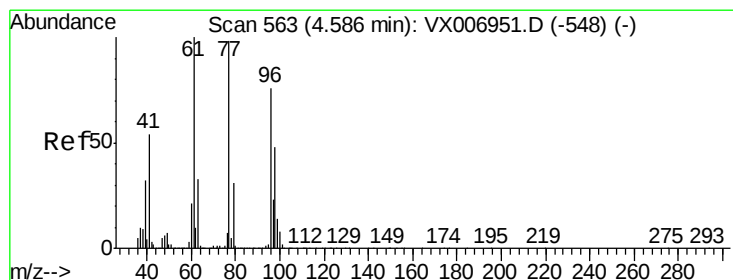
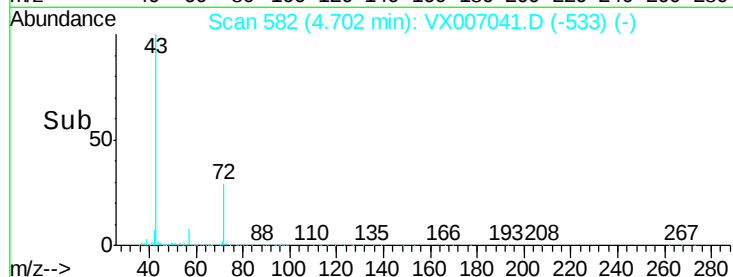
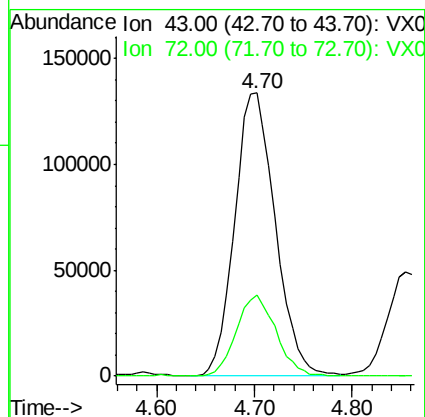
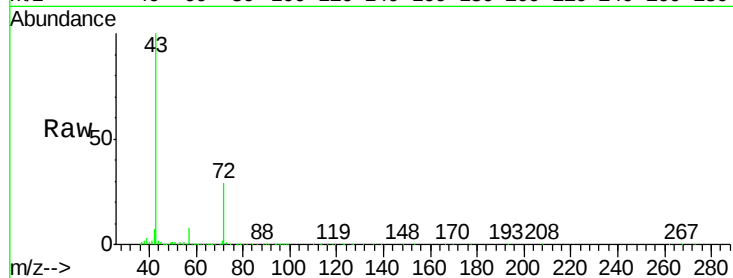
72 28.7 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 17.179 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007041.D

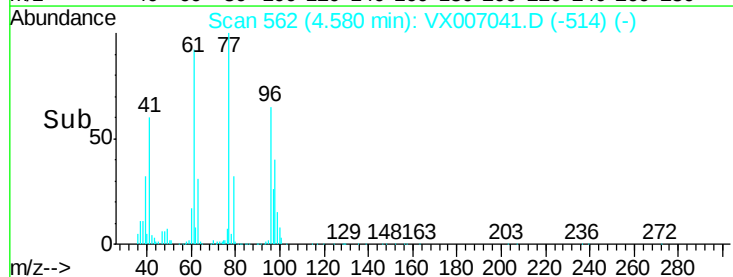
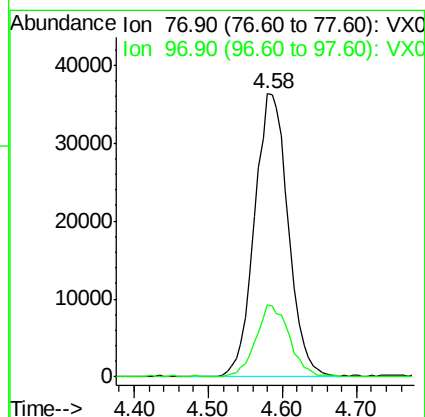
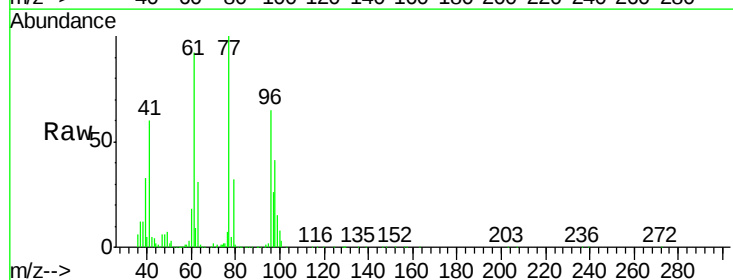
Acq: 14 Jan 2019 16:02

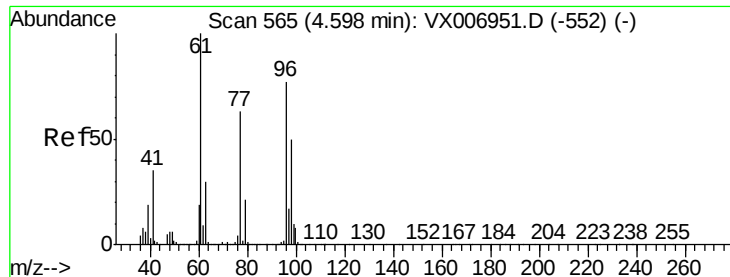
Tgt Ion: 77 Resp: 115265

Ion Ratio Lower Upper

77 100

97 25.3 12.4 37.4





#27

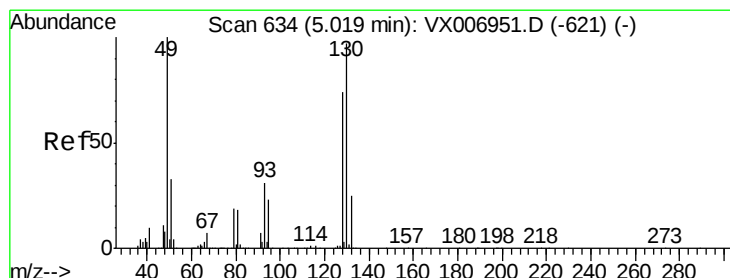
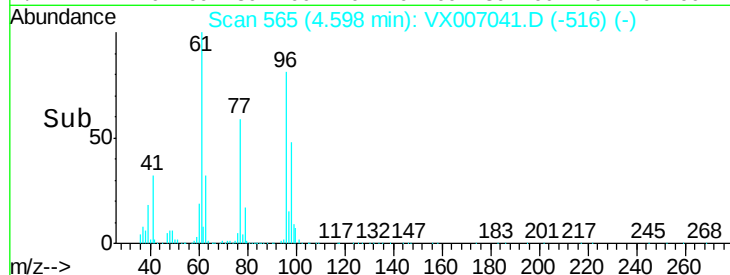
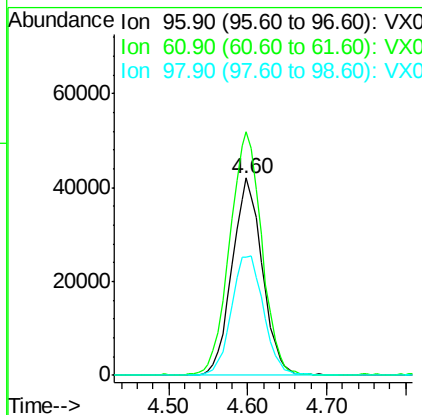
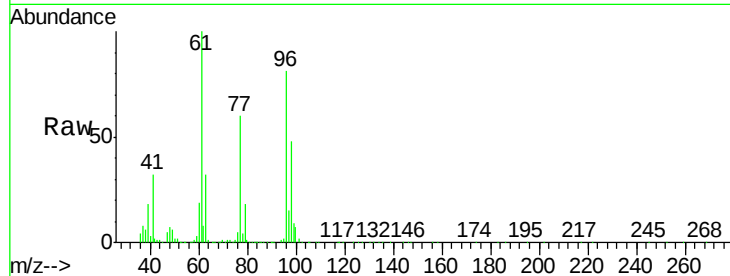
cis-1,2-Dichloroethene  
Concen: 18.911 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0114WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 112585 |       |       |
| 61      | 130.7 | 0.0    | 258.6 |       |
| 98      | 63.8  | 0.0    | 132.0 |       |

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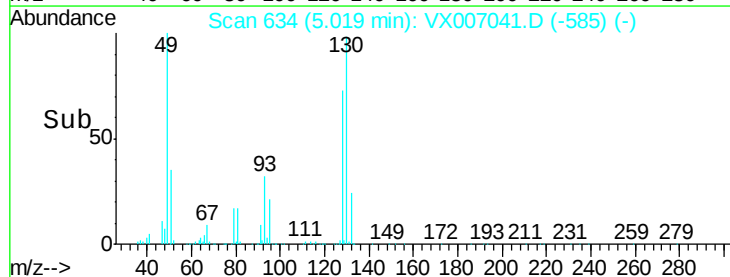
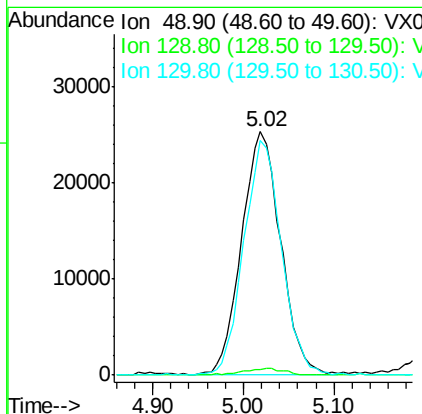
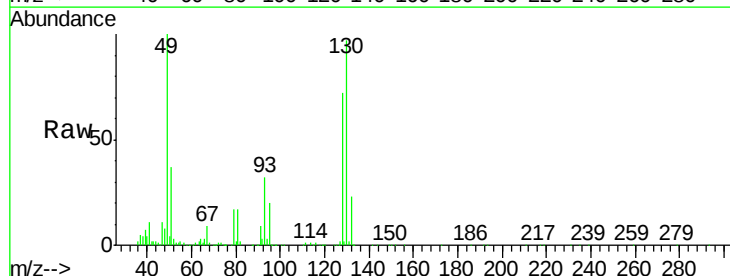
MMDadoda  
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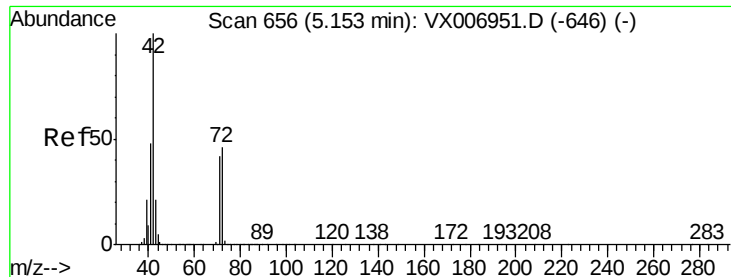


#28

Bromochloromethane  
Concen: 19.687 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 75265 |       |       |
| 129     | 2.8   | 0.0   | 5.4   |       |
| 130     | 93.5  | 77.7  | 116.5 |       |





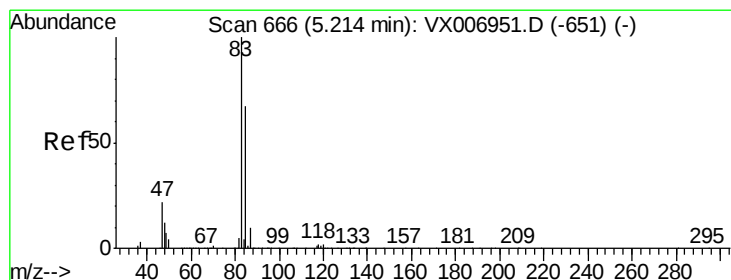
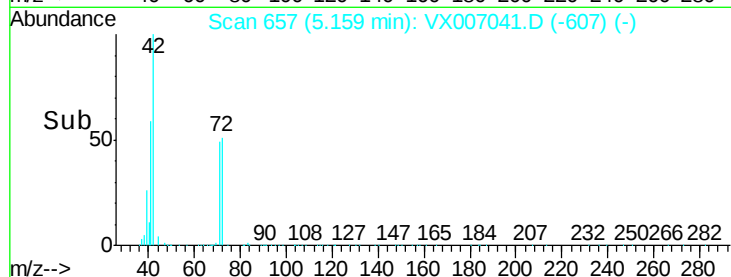
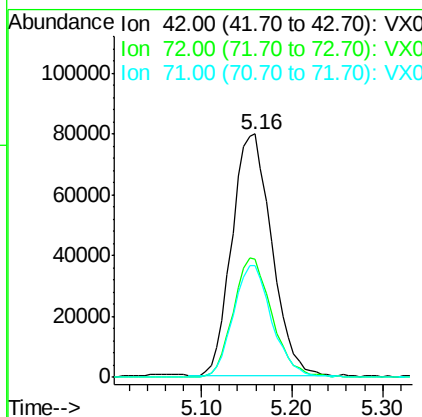
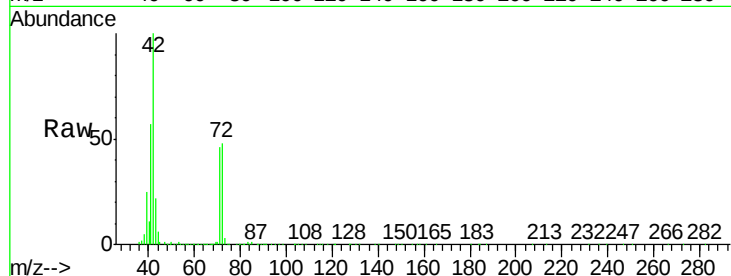
#29  
Tetrahydrofuran  
Concen: 95.910 ug/l  
RT: 5.16 min Scan# 657  
Delta R.T. 0.01 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0114WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 48.2  | 38.9  | 58.3  |
| 71      | 45.1  | 36.2  | 54.4  |

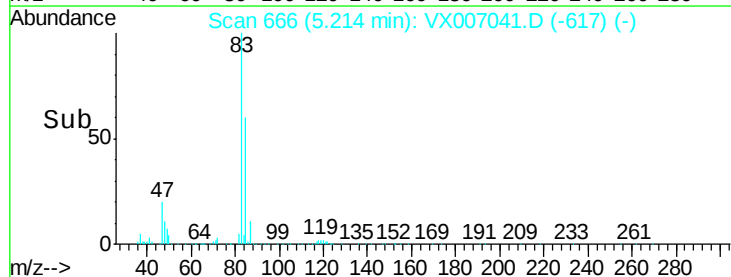
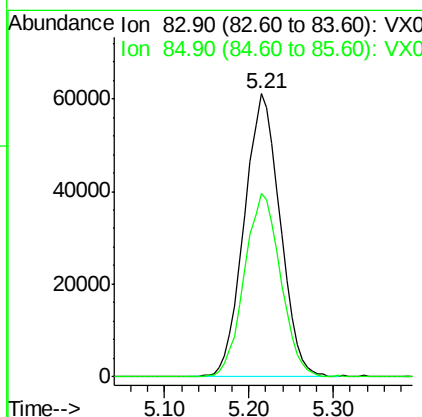
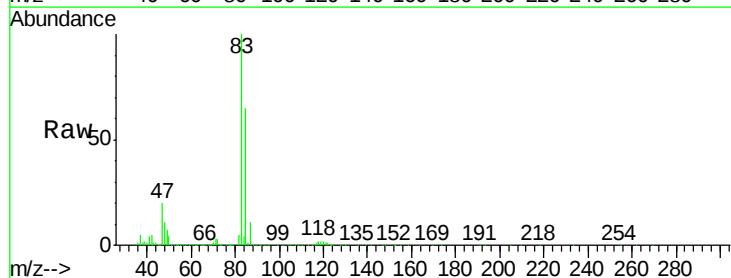
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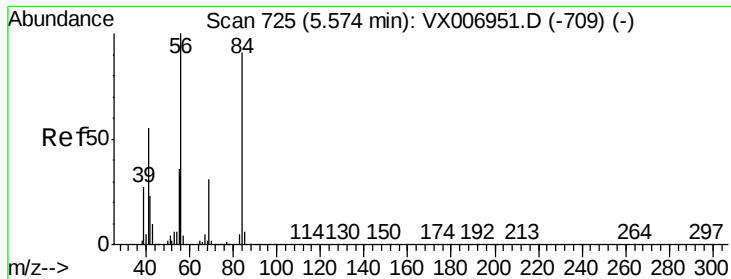
MMDadoda  
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#30  
Chloroform  
Concen: 19.361 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.0  | 51.2  | 76.8  |





#31

Cyclohexane

Concen: 18.717 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

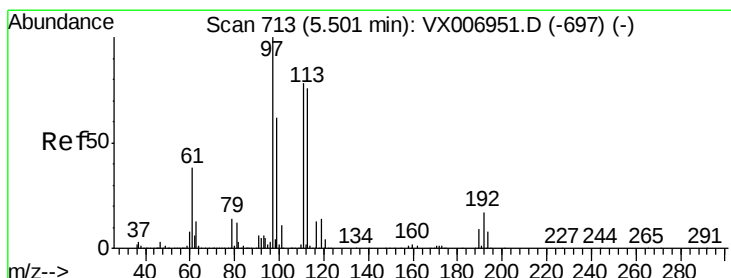
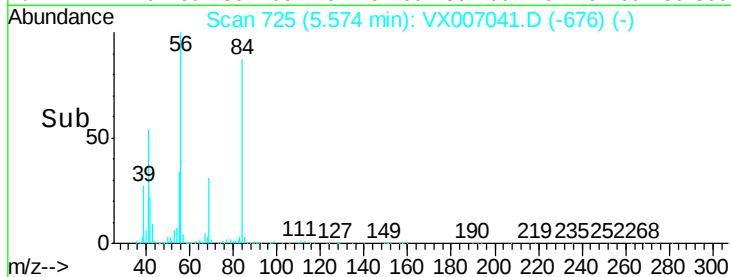
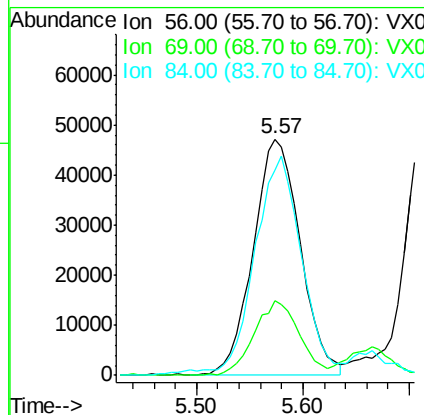
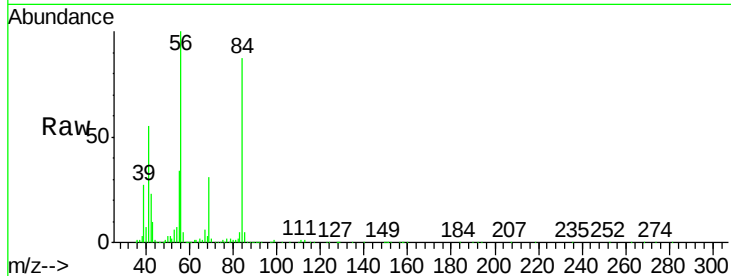
ClientSampleId :

VX0114WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 145362 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 31.4  | 24.4  | 36.6   |
| 84        | 84.5  | 70.0  | 105.0  |

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#32

1,1,1-Trichloroethane

Concen: 19.086 ug/l

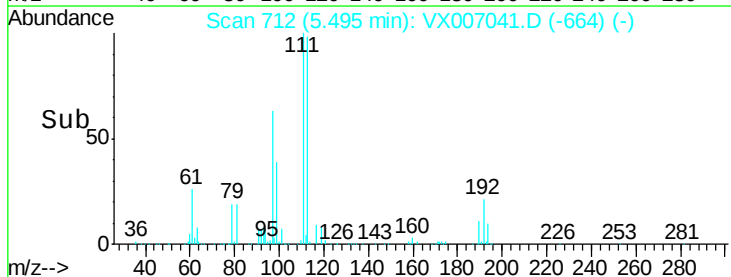
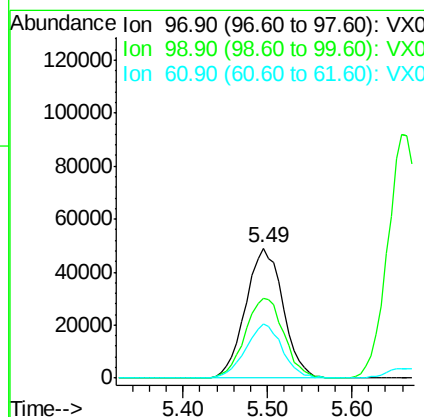
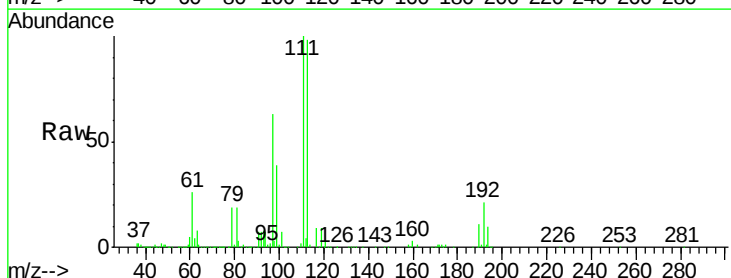
RT: 5.49 min Scan# 712

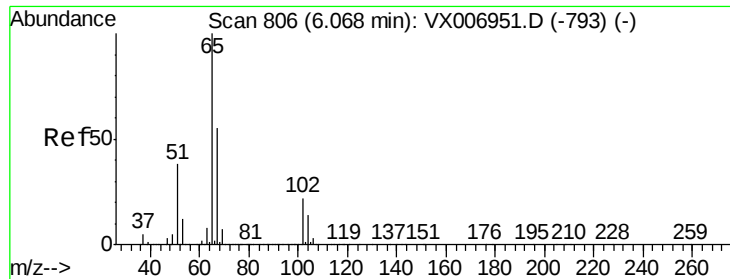
Delta R.T. -0.01 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 147794 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 63.8  | 51.7  | 77.5   |
| 61        | 40.8  | 31.3  | 46.9   |





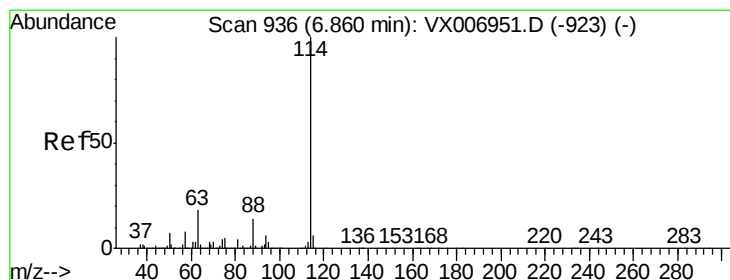
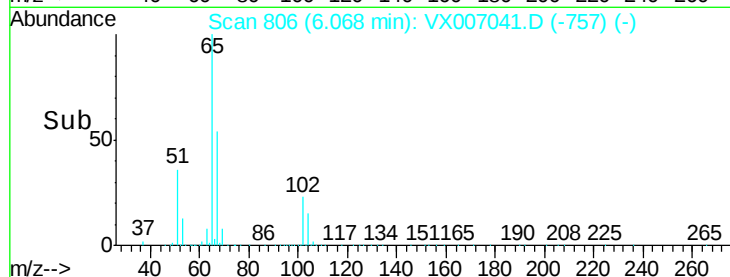
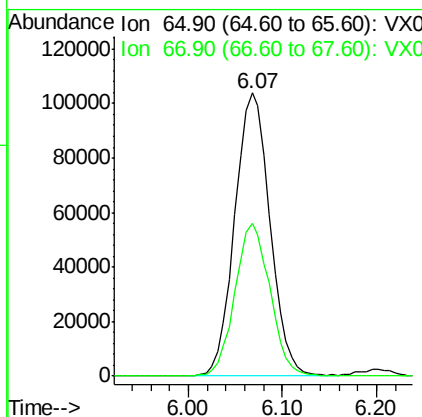
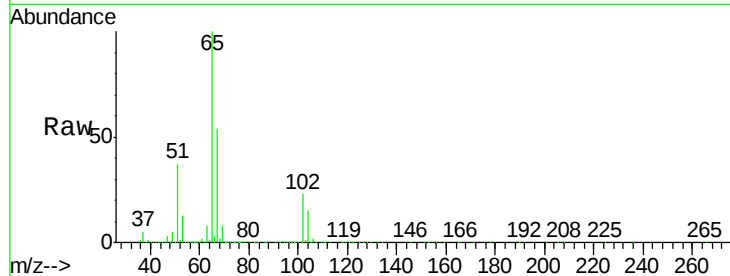
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.115 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. -0.00 min  
 Lab File: VX007041.D  
 Acq: 14 Jan 2019 16:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0114WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 270496 |       |       |
| 67      | 53.4  | 0.0    | 105.0 |       |

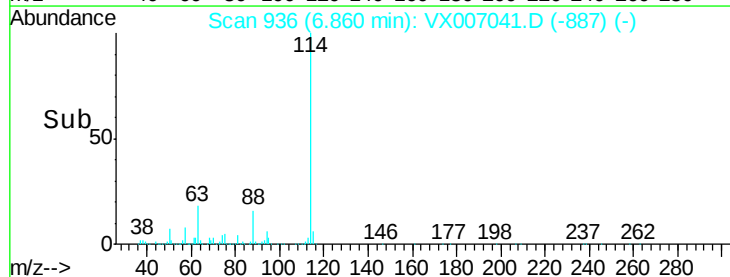
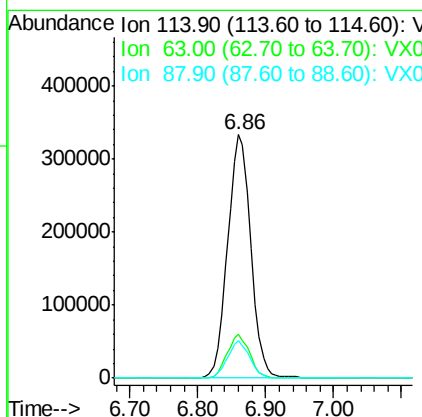
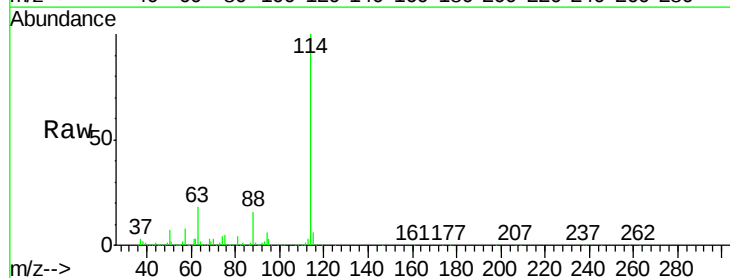
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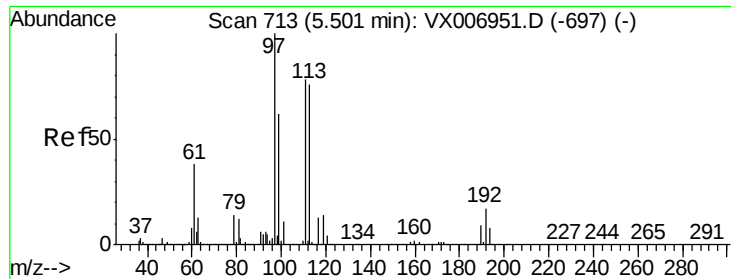
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 1/15/2019 11:13:16 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX007041.D  
 Acq: 14 Jan 2019 16:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 783941 |       |       |
| 63      | 18.1  | 0.0    | 34.8  |       |
| 88      | 15.6  | 0.0    | 28.8  |       |





#35

Dibromofluoromethane

Concen: 48.479 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

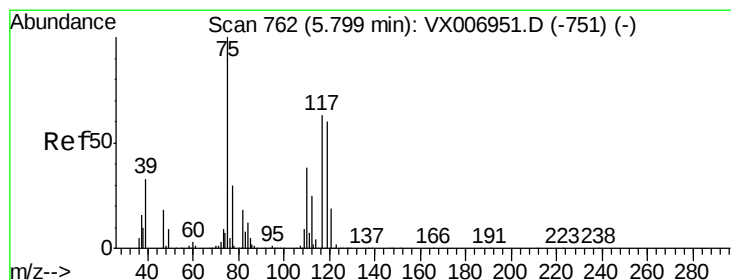
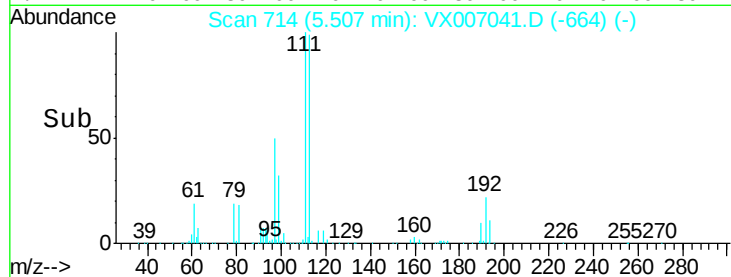
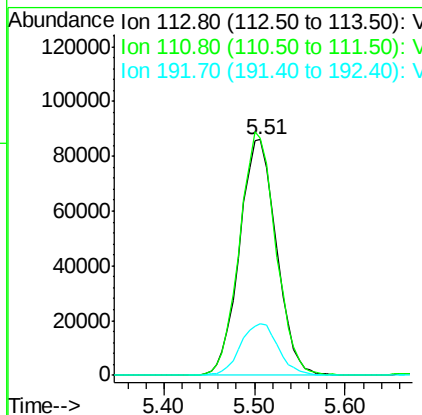
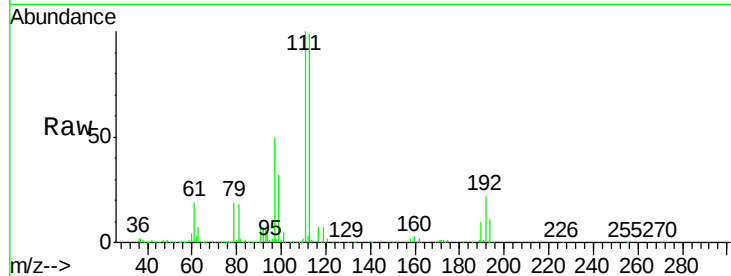
ClientSampleId :

VX0114WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 243378 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.1 | 81.6  | 122.4  |
| 192       | 22.3  | 16.7  | 25.1   |

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#36

1,1-Dichloropropene

Concen: 18.481 ug/l

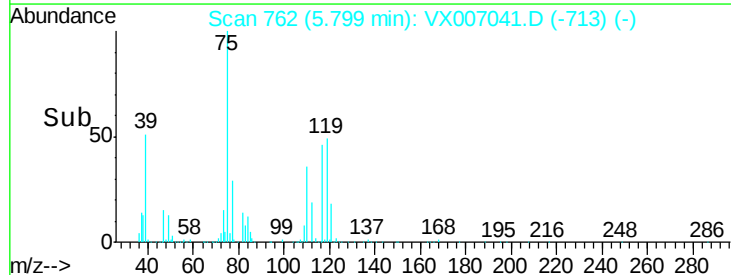
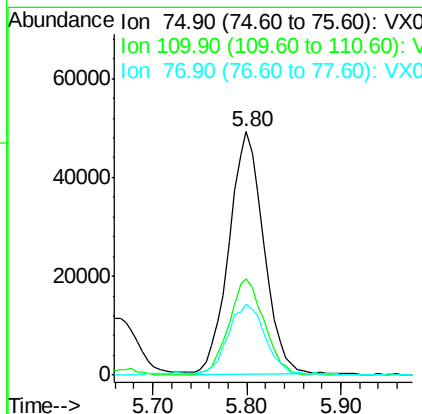
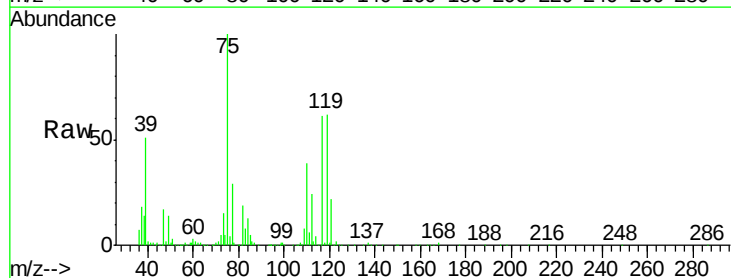
RT: 5.80 min Scan# 762

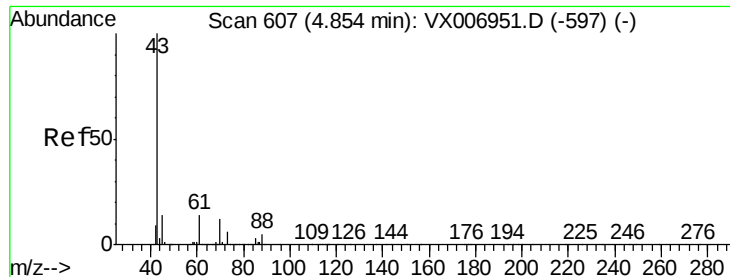
Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 125963 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 40.6  | 20.2  | 60.5   |
| 77        | 30.7  | 24.8  | 37.2   |





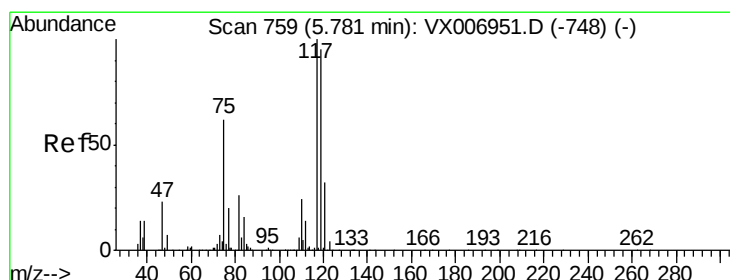
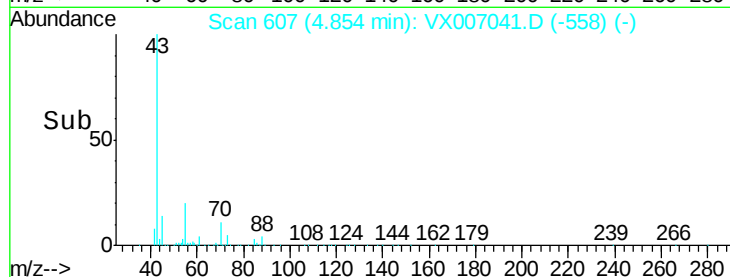
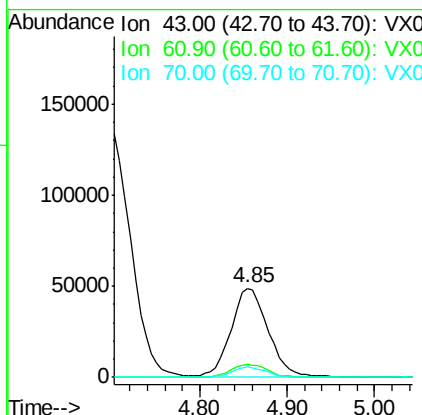
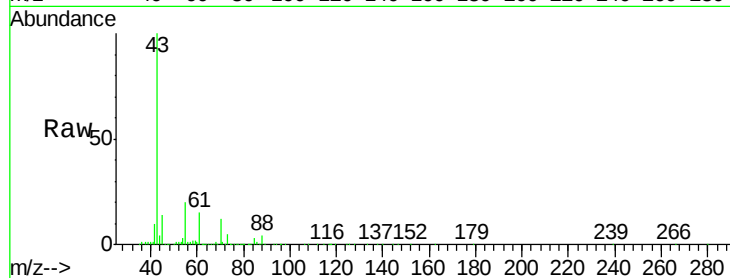
#37  
Ethyl Acetate  
Concen: 19.467 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

Instrument :  
MSVOA\_X  
ClientSampleID :  
VX0114WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.1  | 11.9  | 17.9  |
| 70      | 10.9  | 9.7   | 14.5  |

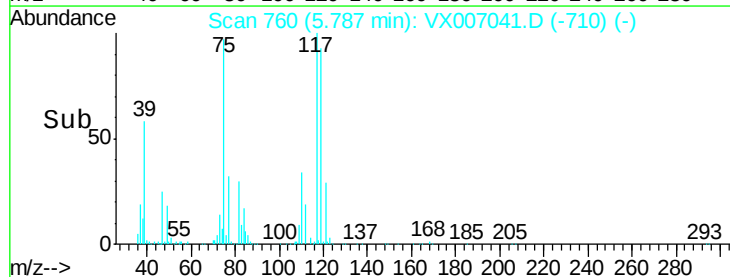
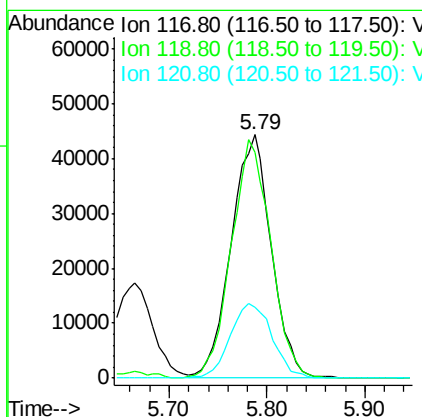
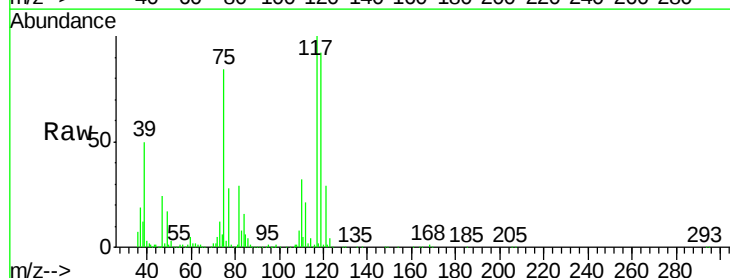
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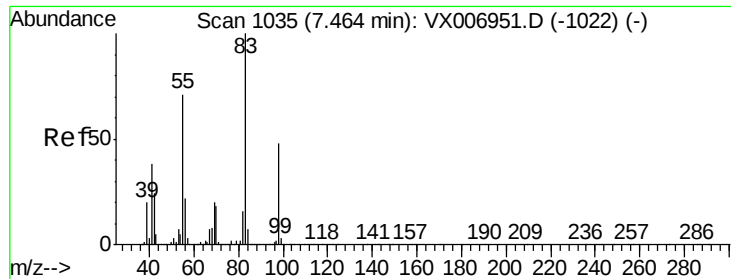
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 18.382 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. 0.01 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.2  | 79.4  | 119.2 |
| 121     | 29.4  | 24.0  | 36.0  |





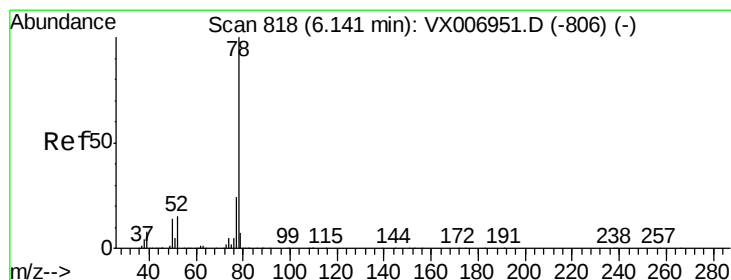
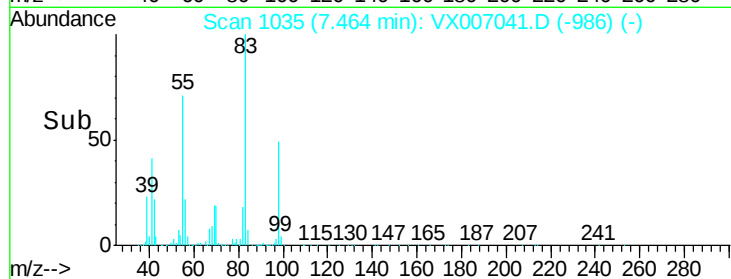
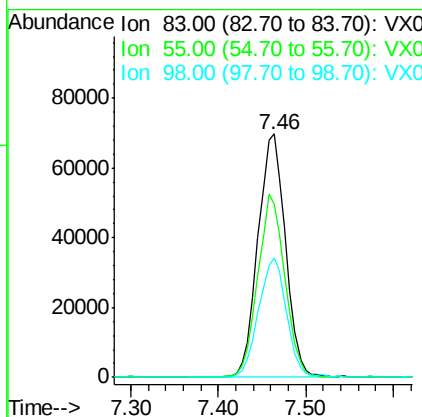
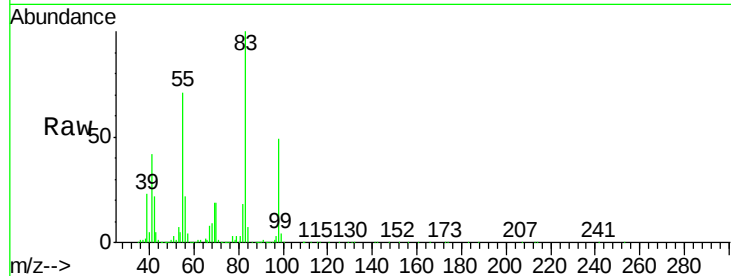
#39  
Methvlcvclohexane  
Concen: 17.732 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0114WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 71.3  | 54.9  | 82.3  |
| 98      | 48.7  | 37.9  | 56.9  |

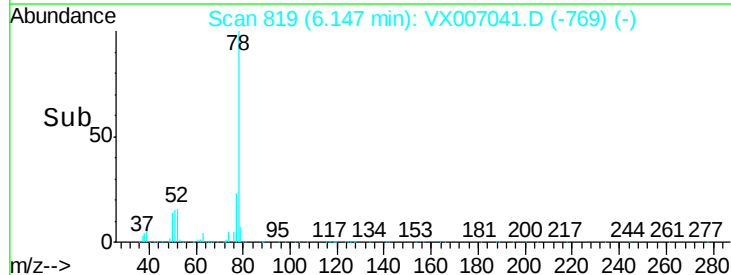
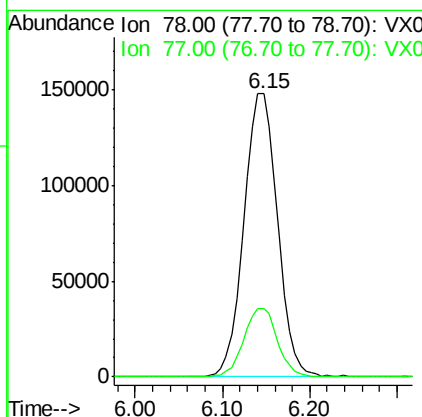
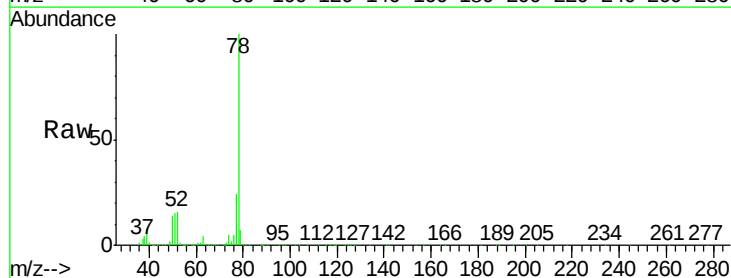
Manual Integrations  
APPROVED

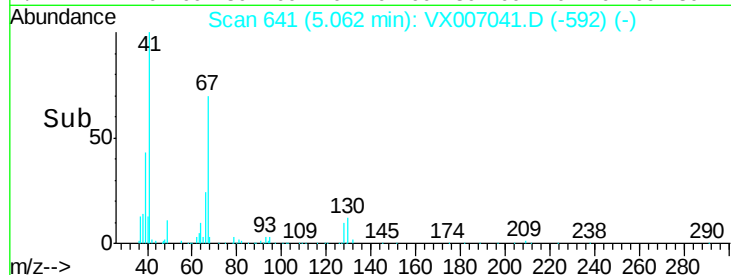
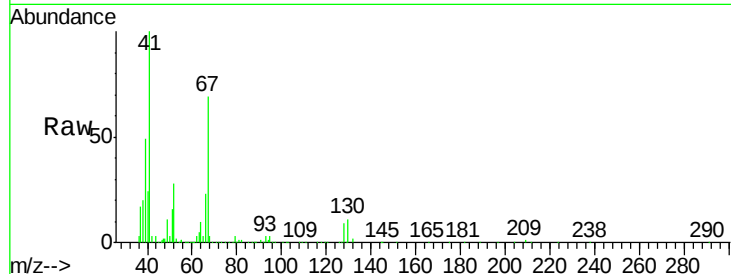
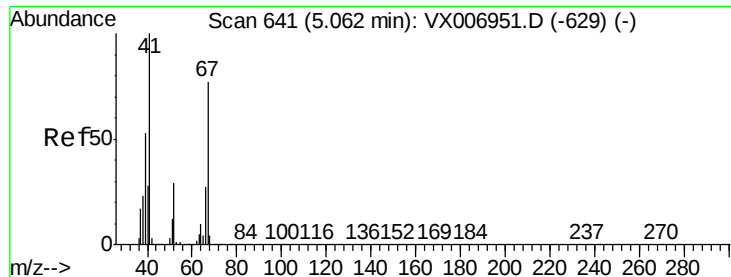
MMDadoda  
1/15/2019 11:13:16 AM



#40  
Benzene  
Concen: 19.028 ug/l  
RT: 6.15 min Scan# 819  
Delta R.T. 0.01 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.9  | 19.2  | 28.8  |





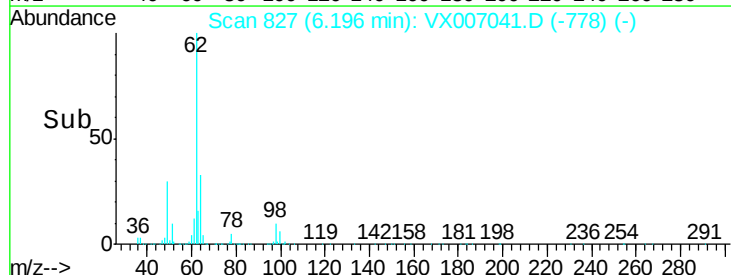
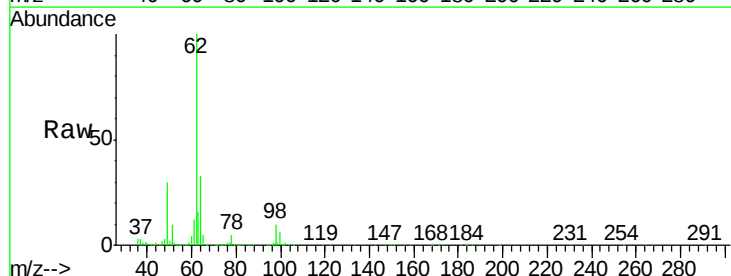
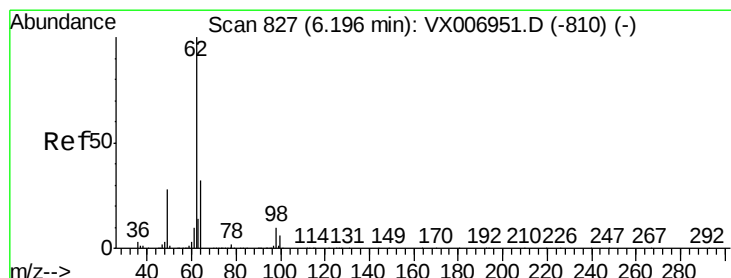
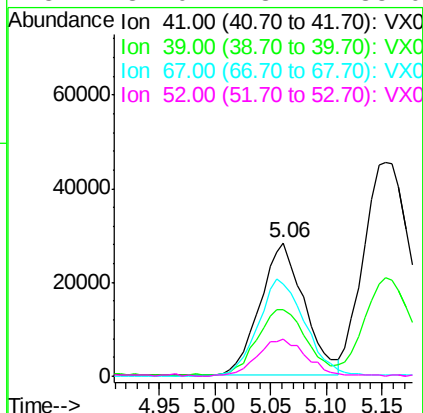
#41  
Methacrylonitrile  
Concen: 18.731 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 78847 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.6  | 42.8  | 64.2  |
| 67       | 78.0  | 62.1  | 93.1  |
| 52       | 31.0  | 23.4  | 35.0  |

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0114WBSD01

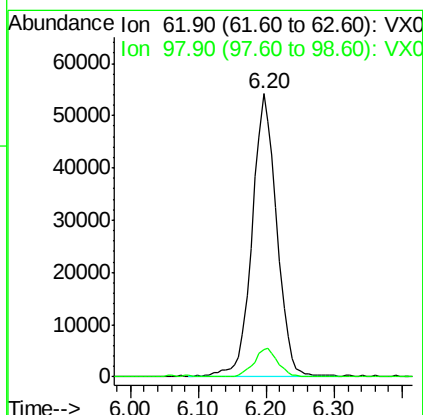
Manual Integrations  
APPROVED

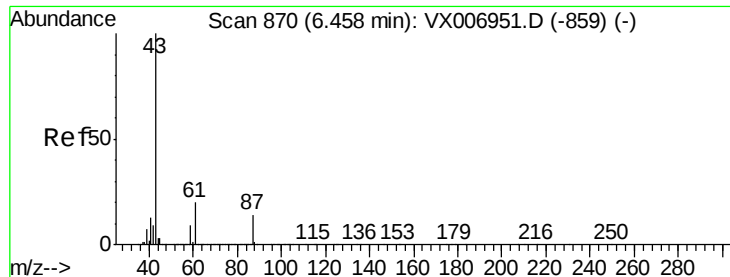
MMDadoda  
1/15/2019 11:13:16 AM



#42  
1,2-Dichloroethane  
Concen: 19.005 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 136583 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.9   | 0.0   | 20.2   |





#43

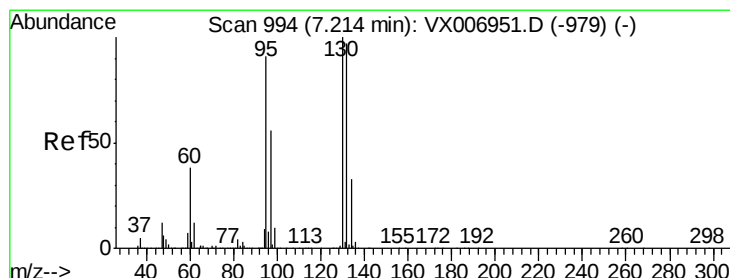
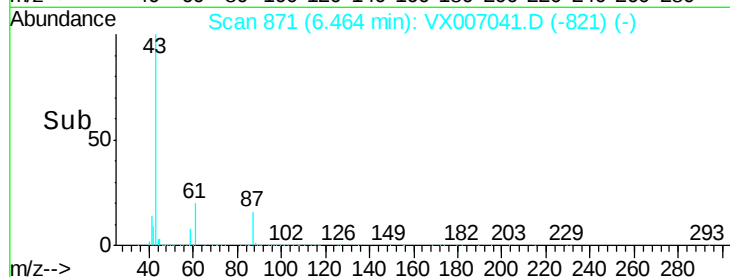
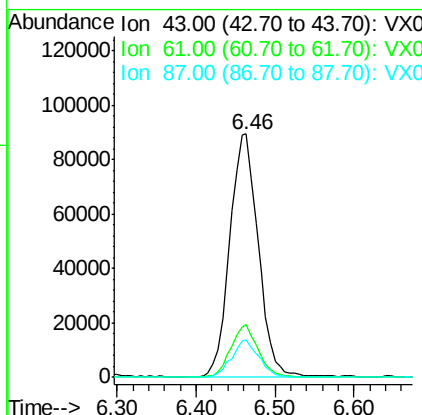
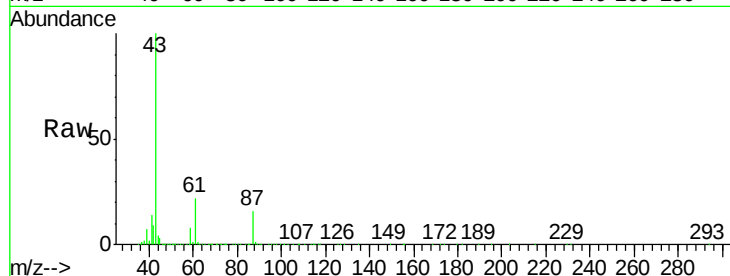
Isopropyl Acetate  
 Concen: 19.392 ug/l  
 RT: 6.46 min Scan# 871  
 Delta R.T. 0.01 min  
 Lab File: VX007041.D  
 Acq: 14 Jan 2019 16:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0114WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 20.5  | 16.8  | 25.2  |
| 87      | 14.8  | 12.4  | 18.6  |

Manual Integrations  
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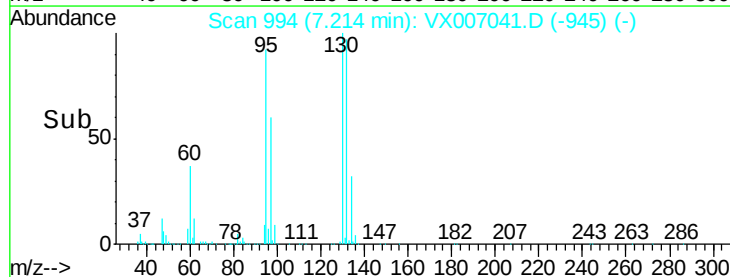
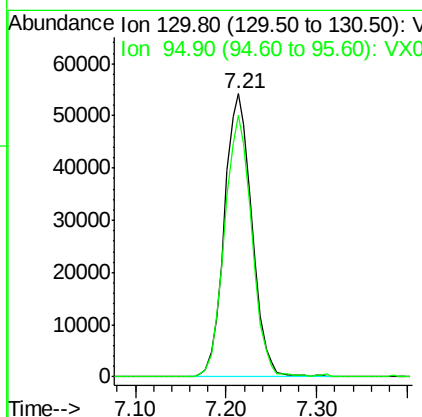
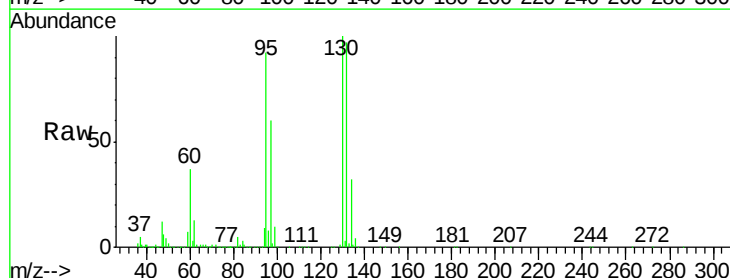
MMDadoda  
 1/15/2019 11:13:16 AM

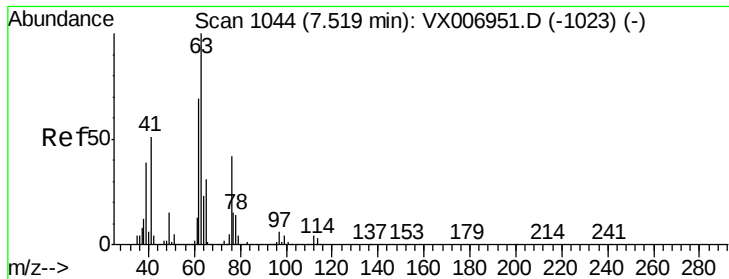


#44

Trichloroethene  
 Concen: 18.307 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VX007041.D  
 Acq: 14 Jan 2019 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 92.2  | 0.0   | 187.0 |





#45

1,2-Dichloropropane

Concen: 19.026 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 63 Resp: 99475

Ion Ratio Lower Upper

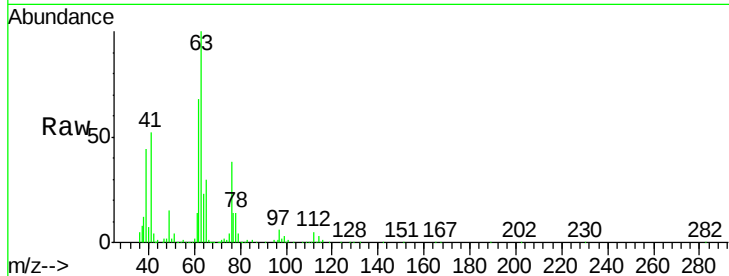
63 100

65 29.7 25.4 38.0

Manual Integrations  
APPROVED

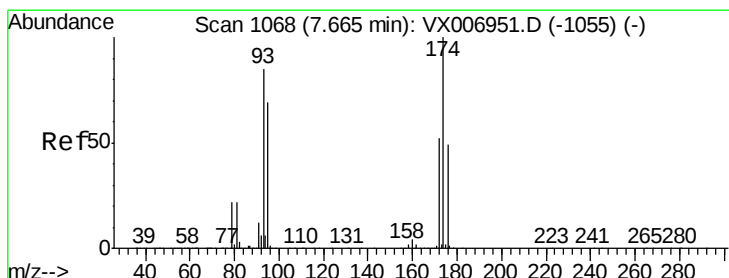
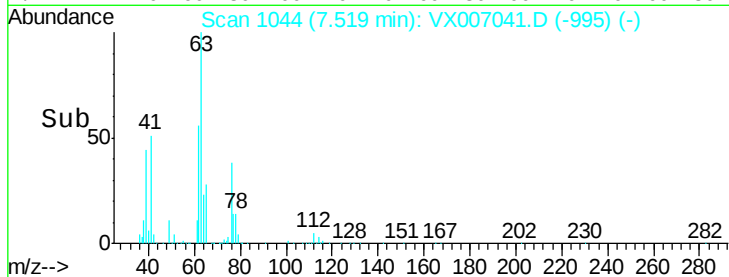
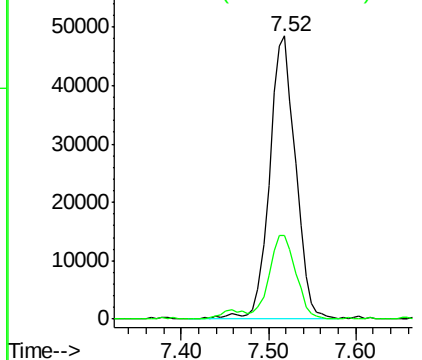
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.151 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

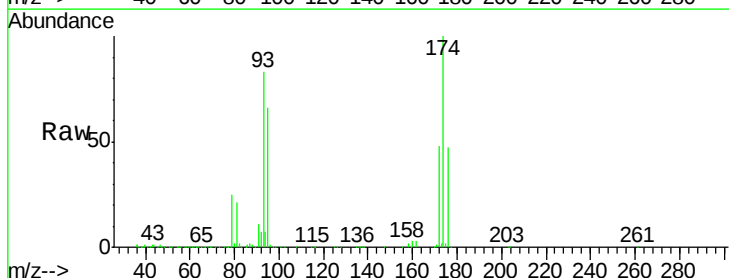
Tgt Ion: 93 Resp: 70372

Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

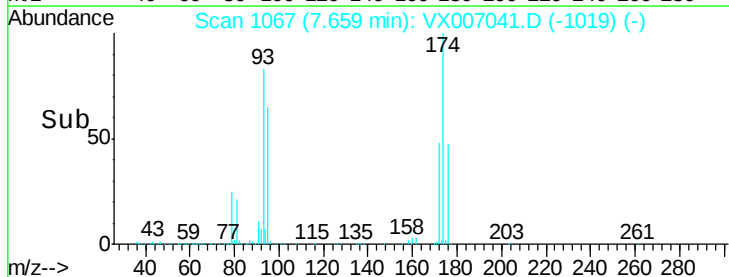
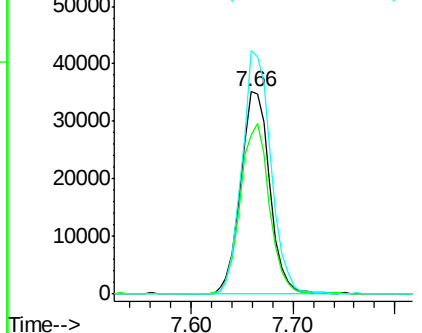
174 118.4 91.0 136.4

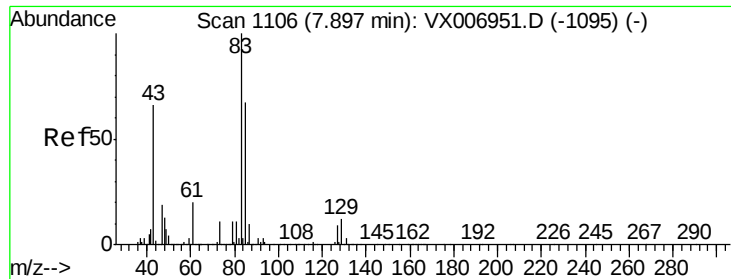


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.627 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

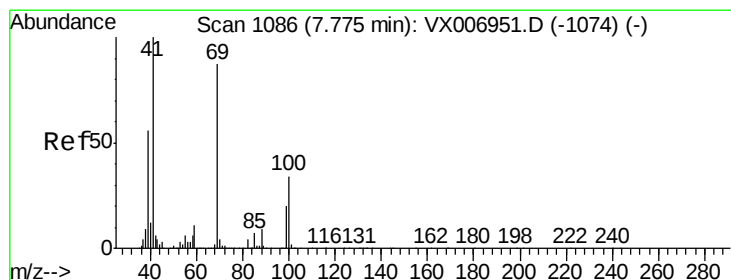
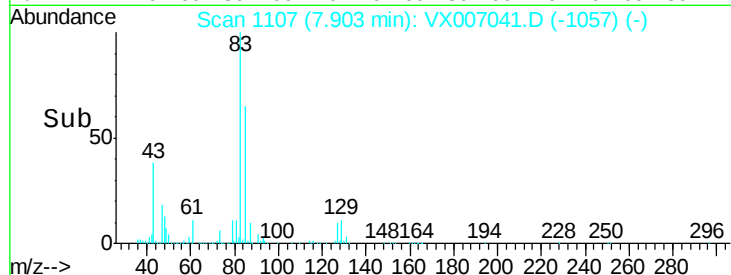
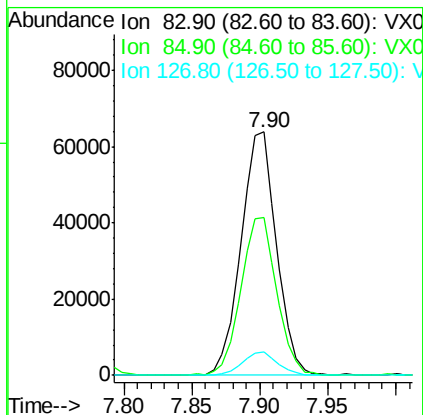
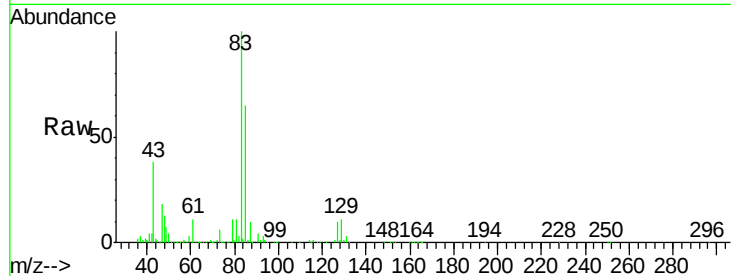
ClientSampleId :

VX0114WBSD01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 116505 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.8  | 53.2  | 79.8   |
| 127      | 9.7   | 7.8   | 11.6   |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 19.578 ug/l

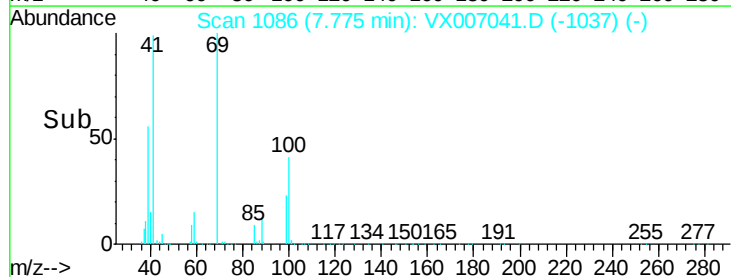
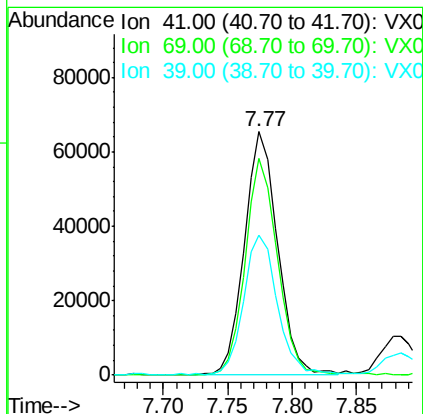
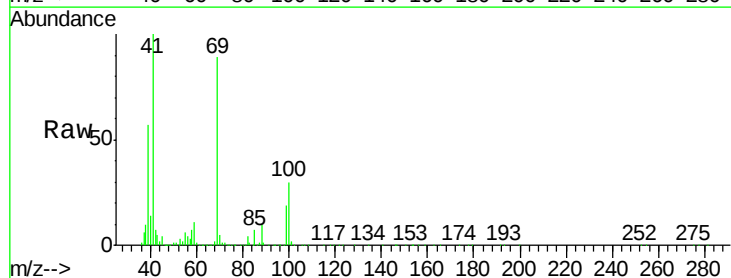
RT: 7.77 min Scan# 1086

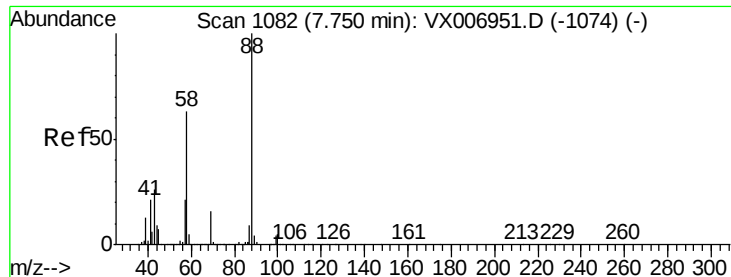
Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 115884 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 86.9  | 72.4  | 108.6  |
| 39       | 58.1  | 45.8  | 68.8   |





#49

1,4-Dioxane

Concen: 397.533 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

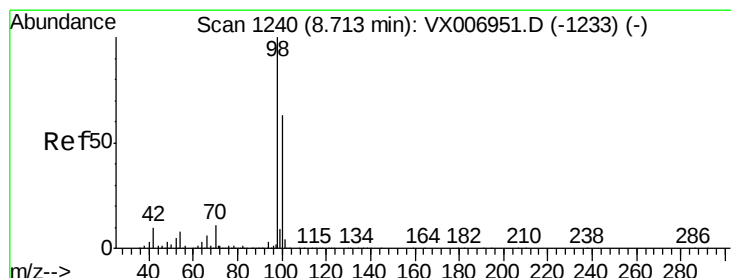
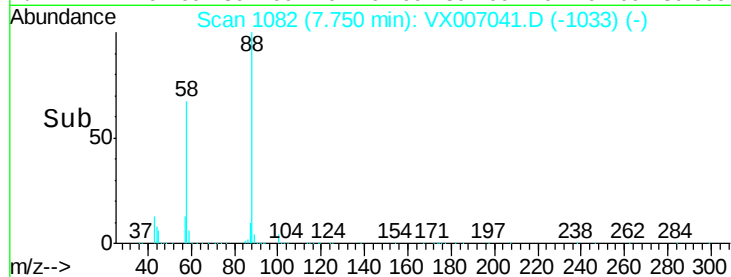
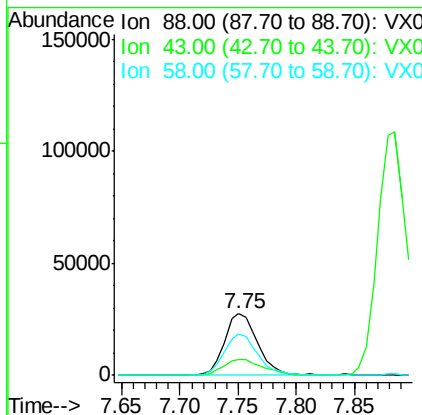
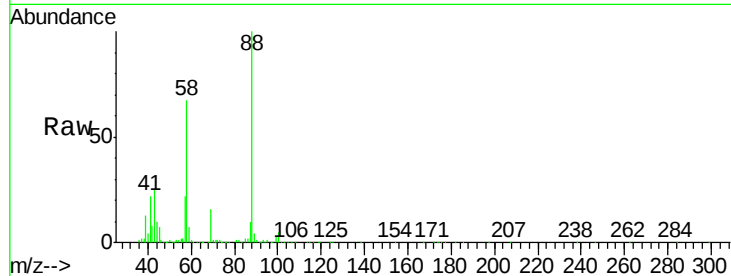
ClientSampleId :

VX0114WBSD01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 54434 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 29.3  | 22.2  | 33.4  |
| 58       | 67.8  | 51.0  | 76.4  |

Manual Integrations  
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#50

Toluene-d8

Concen: 49.242 ug/l

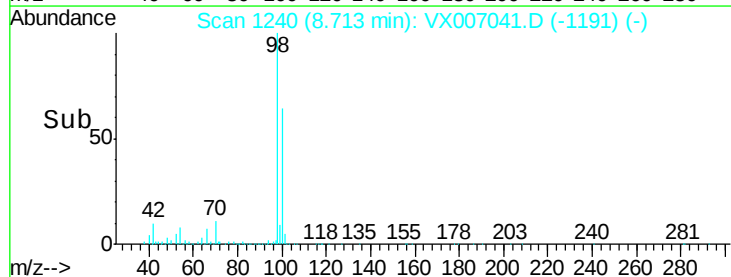
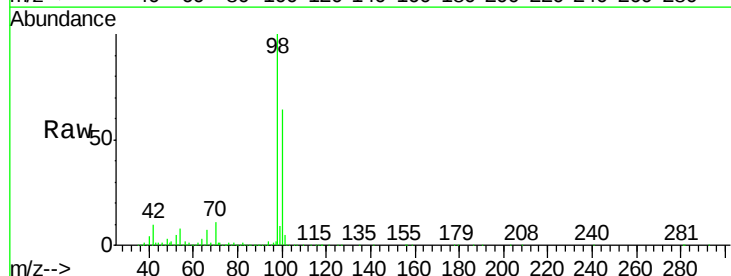
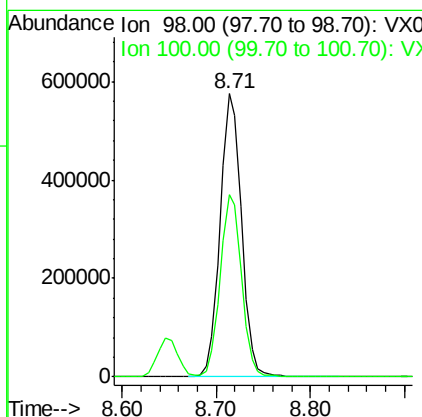
RT: 8.71 min Scan# 1240

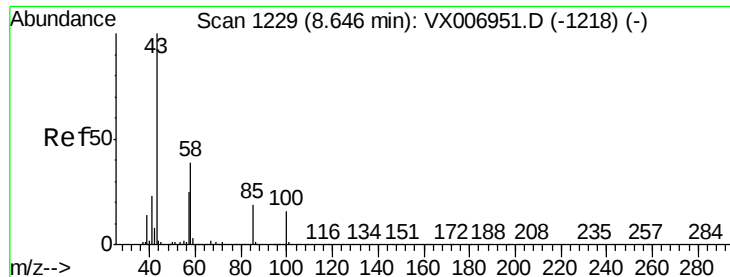
Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 904869 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.4  | 52.0  | 78.0   |





#51

4-Methyl-2-Pentanone

Concen: 101.794 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 43 Resp: 754011

Ion Ratio Lower Upper

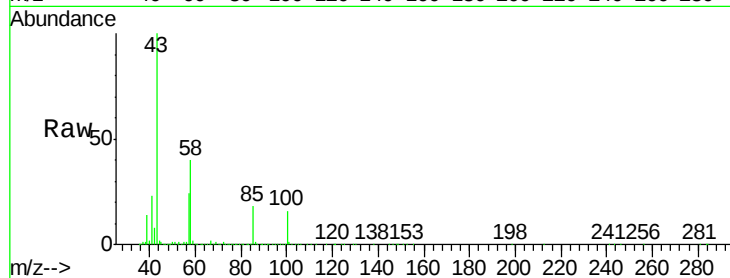
43 100

58 38.9 31.8 47.6

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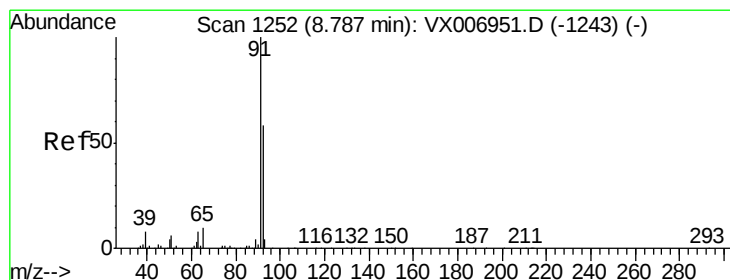
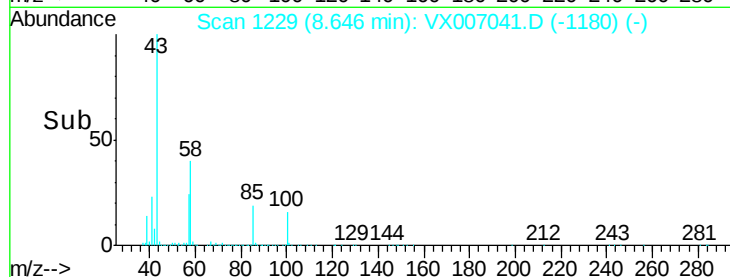
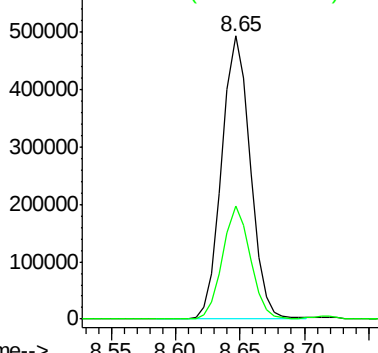
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1/15/2019 11:13:16 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.296 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007041.D

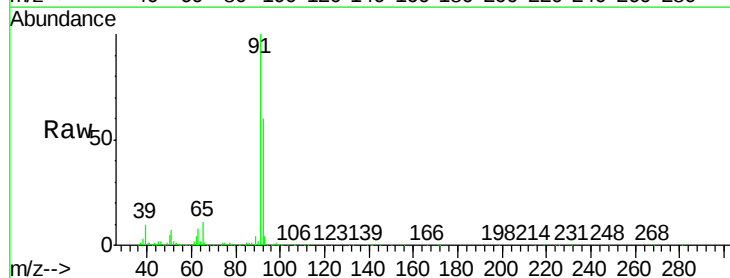
Acq: 14 Jan 2019 16:02

Tgt Ion: 92 Resp: 257922

Ion Ratio Lower Upper

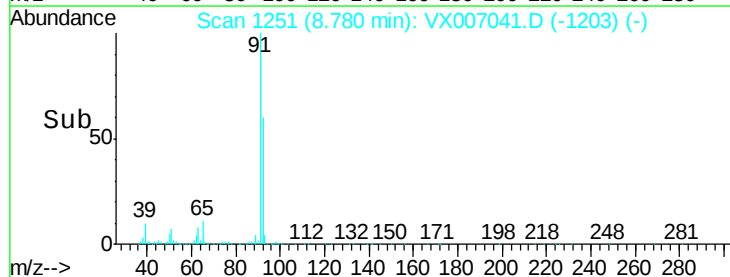
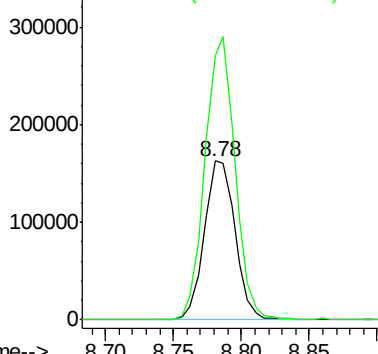
92 100

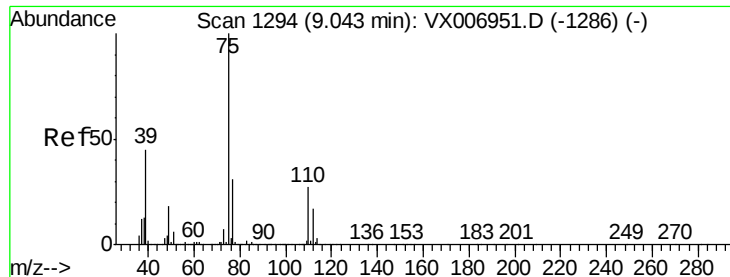
91 174.1 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





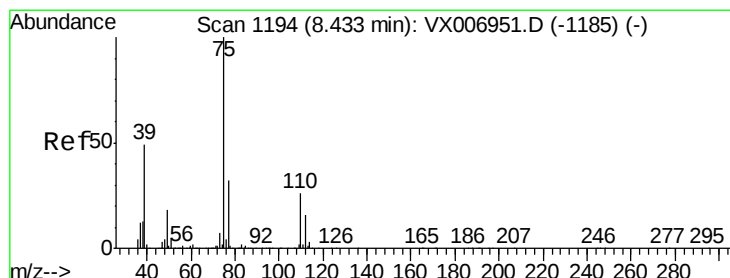
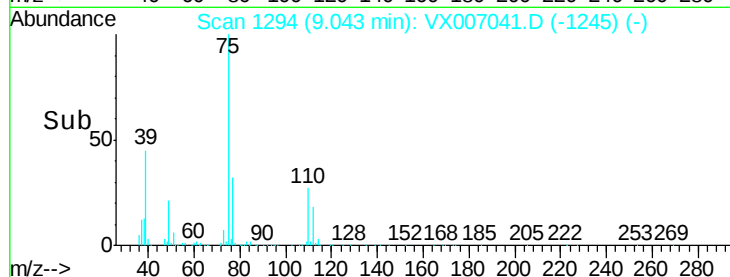
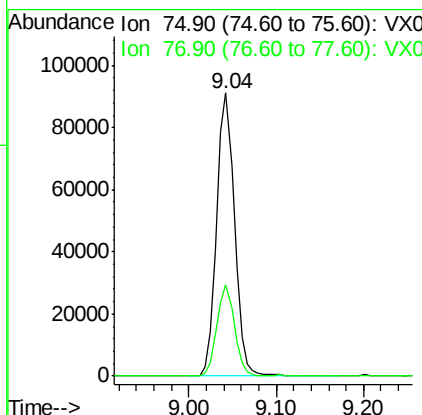
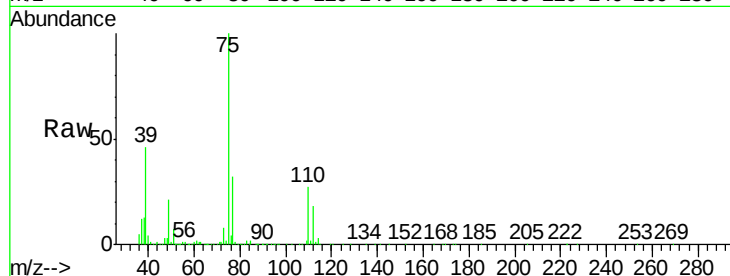
#53  
t-1,3-Dichloropropene  
Concen: 18.620 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0114WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.2  | 25.4  | 38.0  |

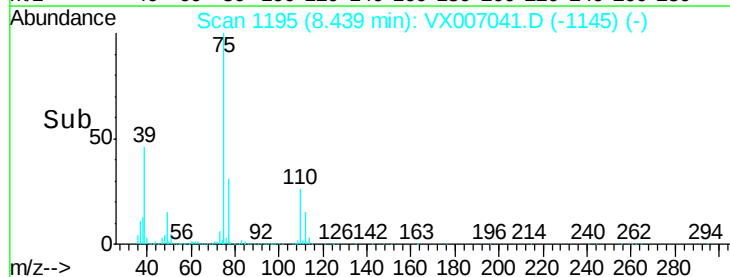
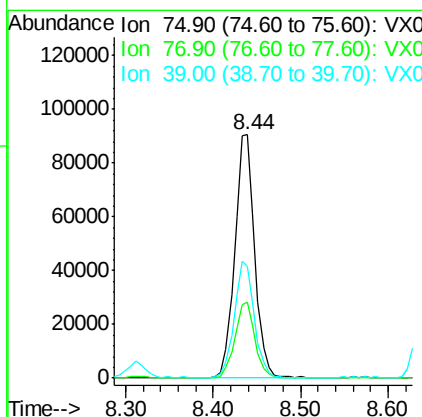
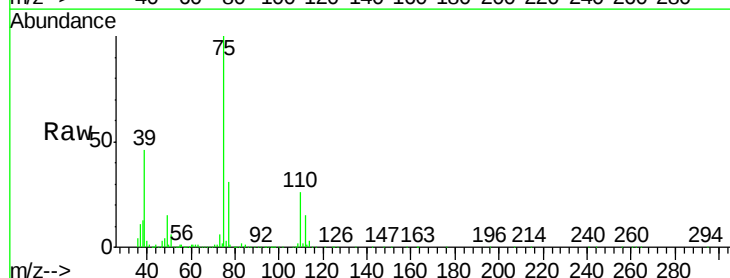
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1/15/2019 11:13:16 AM



#54  
cis-1,3-Dichloropropene  
Concen: 18.887 ug/l  
RT: 8.44 min Scan# 1195  
Delta R.T. 0.01 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.1  | 26.2  | 39.2  |
| 39      | 45.5  | 36.7  | 55.1  |





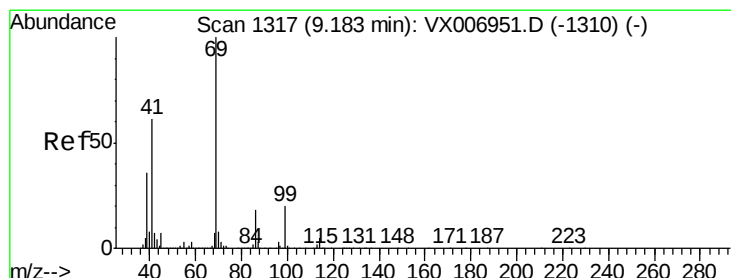
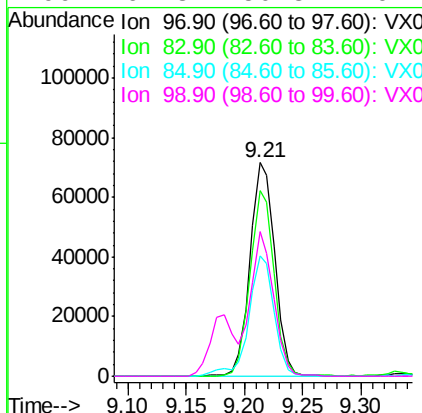
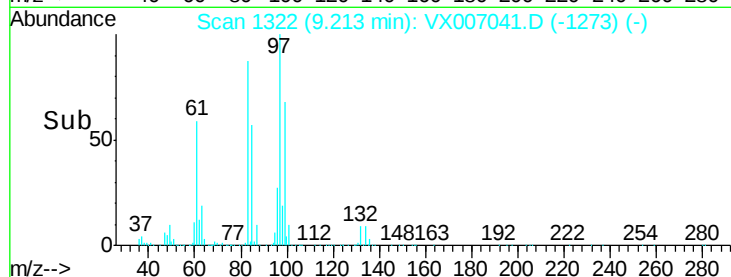
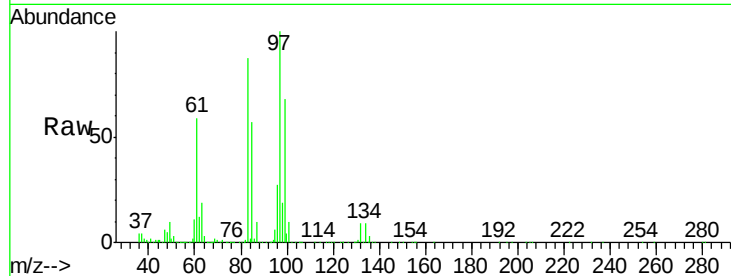
#55  
 1,1,2-Trichloroethane  
 Concen: 20.016 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX007041.D  
 Acq: 14 Jan 2019 16:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0114WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 97    | Resp: | 107093 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 87.2  | 66.6  | 99.8   |
| 85        | 56.6  | 42.7  | 64.1   |
| 99        | 67.3  | 50.8  | 76.2   |

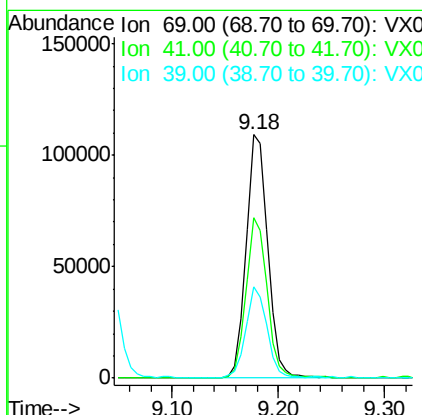
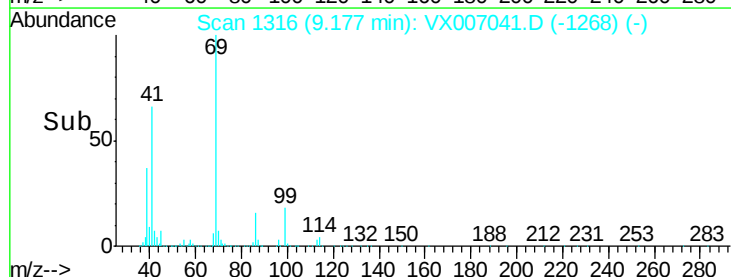
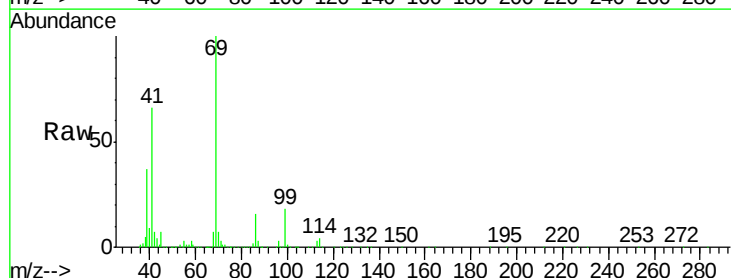
Manual Integrations  
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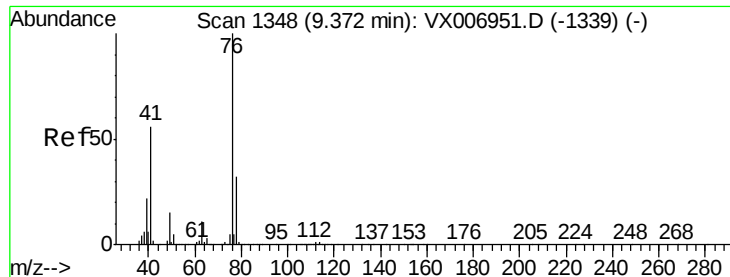
MMDadoda  
 1/15/2019 11:13:16 AM



#56  
 Ethyl methacrylate  
 Concen: 20.099 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.01 min  
 Lab File: VX007041.D  
 Acq: 14 Jan 2019 16:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 69    | Resp: | 156990 |
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 64.2  | 48.7  | 73.1   |
| 39        | 36.4  | 27.0  | 40.6   |





#57

1,3-Dichloropropane

Concen: 19.348 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 76 Resp: 169588

Ion Ratio Lower Upper

76 100

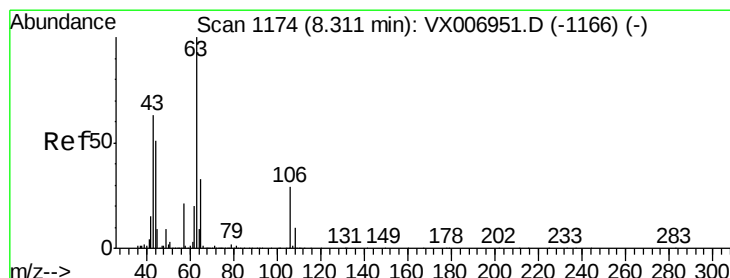
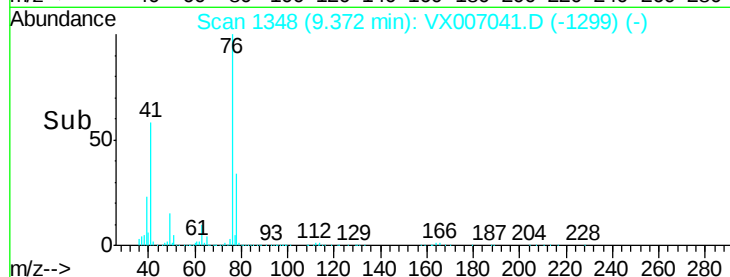
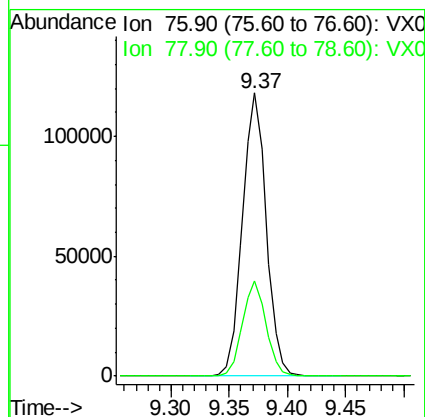
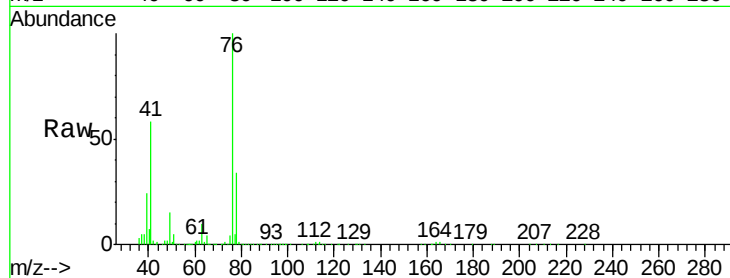
78 33.3 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 98.360 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007041.D

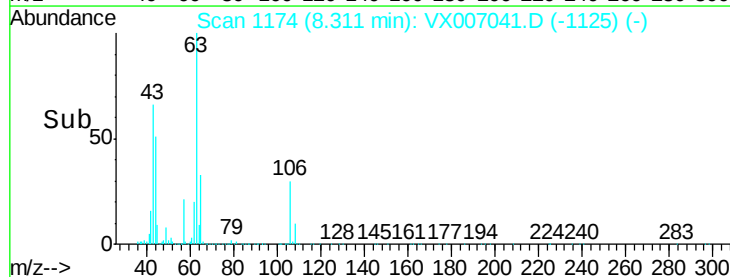
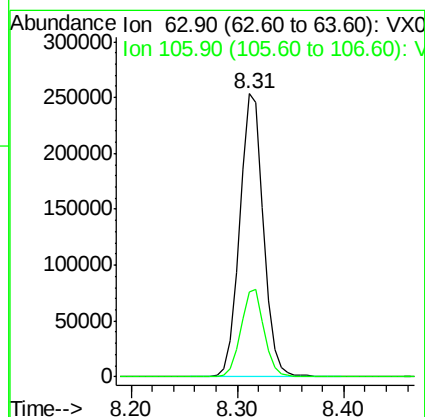
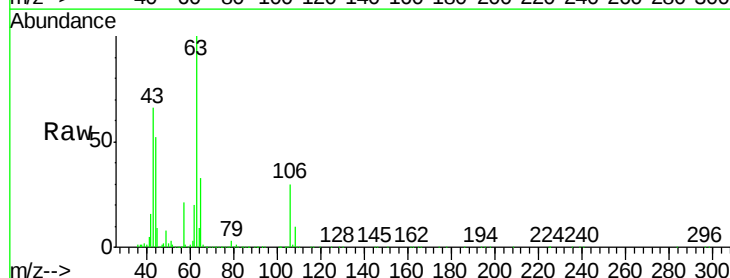
Acq: 14 Jan 2019 16:02

Tgt Ion: 63 Resp: 395005

Ion Ratio Lower Upper

63 100

106 30.6 24.6 36.8





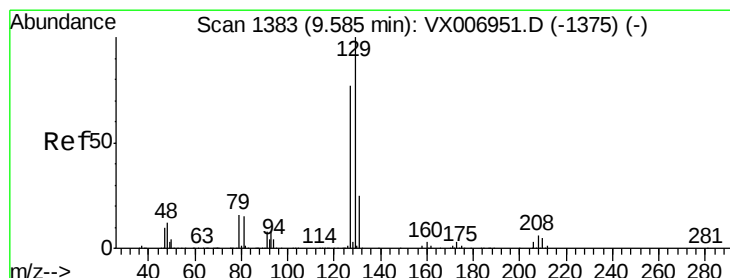
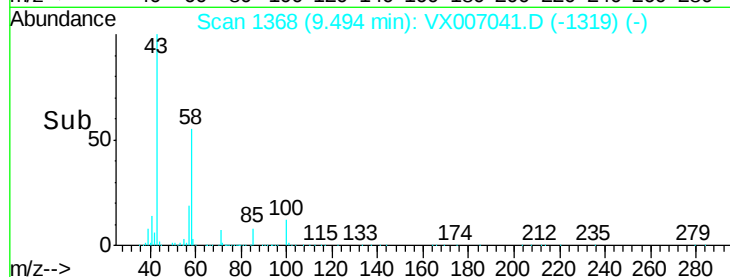
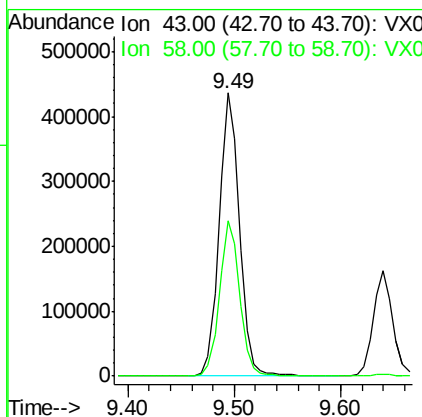
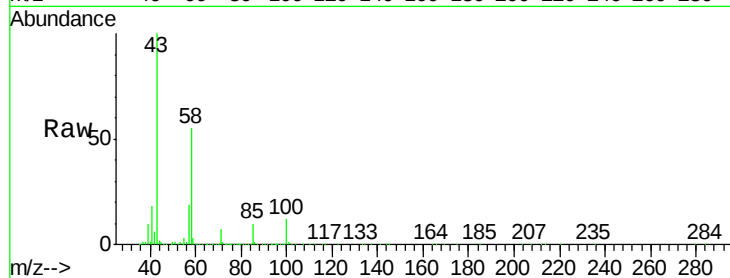
#59  
2-Hexanone  
Concen: 102.307 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0114WBSD01

Tot Ion: 43 Resp: 577495  
Ion Ratio Lower Upper  
43 100  
58 54.8 27.7 83.1

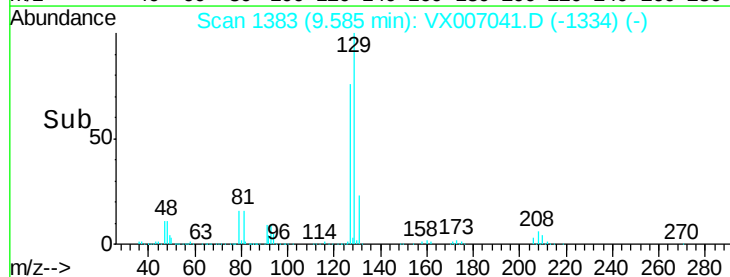
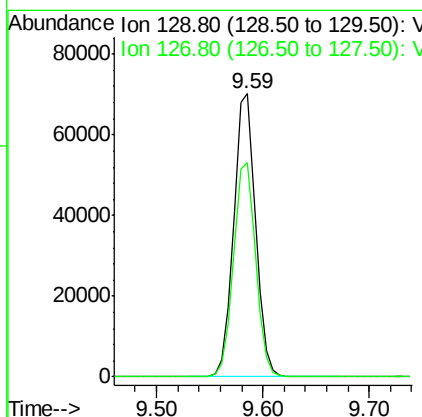
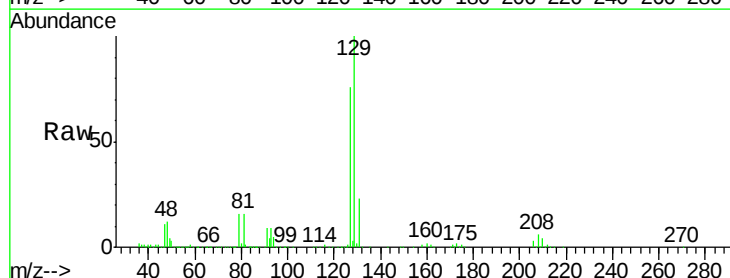
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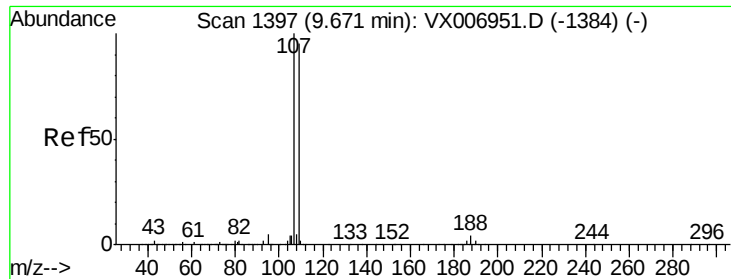
MMDadoda  
1/15/2019 11:13:16 AM



#60  
Dibromochloromethane  
Concen: 19.617 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

Tgt Ion: 129 Resp: 101917  
Ion Ratio Lower Upper  
129 100  
127 76.5 39.3 117.8





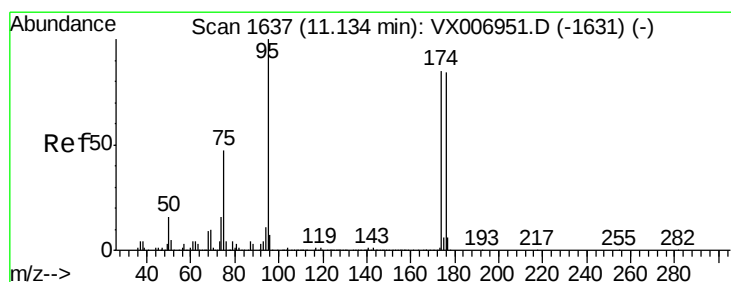
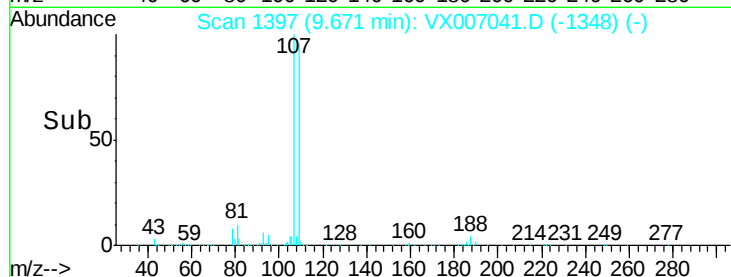
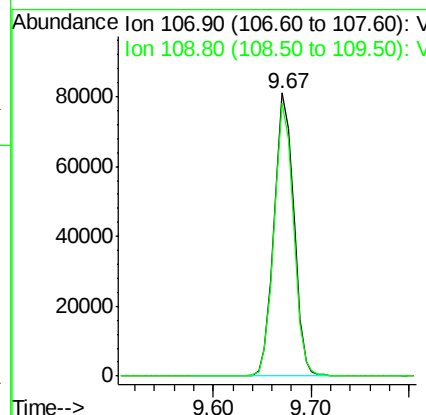
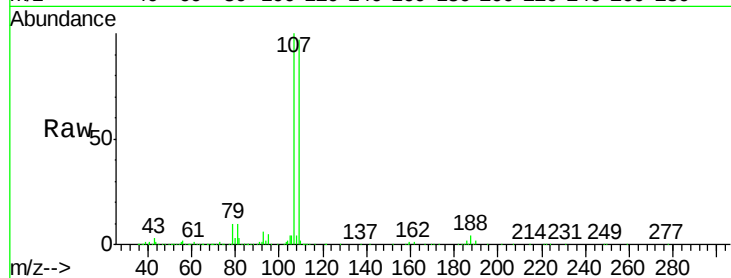
#61  
 1,2-Dibromoethane  
 Concen: 19.419 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. -0.00 min  
 Lab File: VX007041.D  
 Acq: 14 Jan 2019 16:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0114WBSD01

Tot Ion:107 Resp: 114381  
 Ion Ratio Lower Upper  
 107 100  
 109 95.0 75.8 113.6

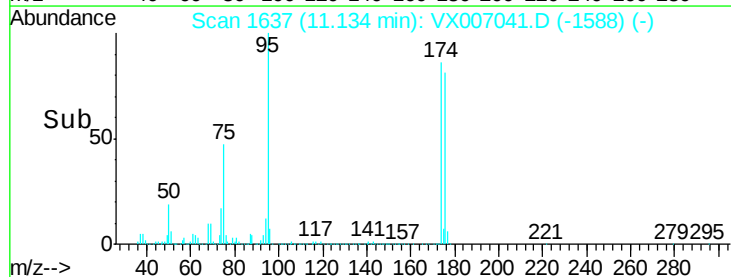
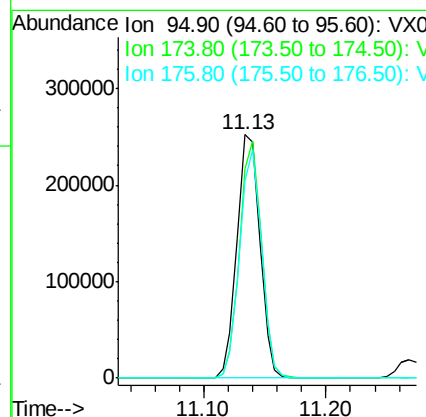
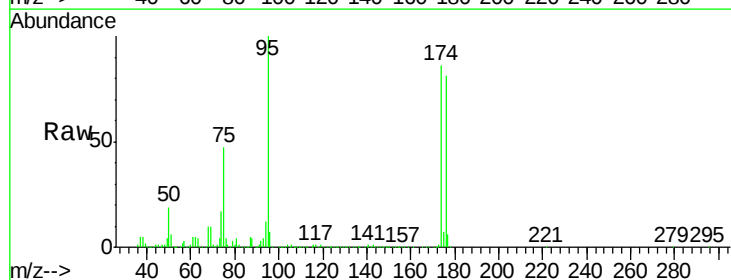
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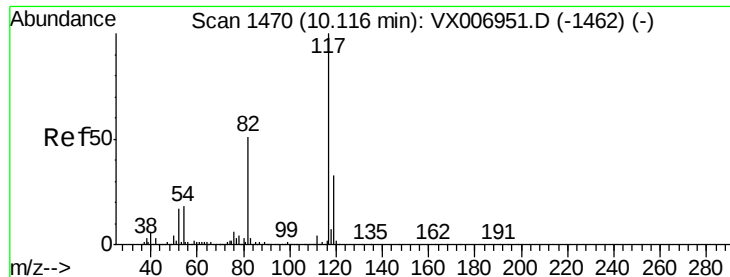
MMDadoda  
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#62  
 4-Bromofluorobenzene  
 Concen: 50.988 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. -0.00 min  
 Lab File: VX007041.D  
 Acq: 14 Jan 2019 16:02

Tgt Ion: 95 Resp: 326642  
 Ion Ratio Lower Upper  
 95 100  
 174 93.1 0.0 182.2  
 176 90.1 0.0 178.8





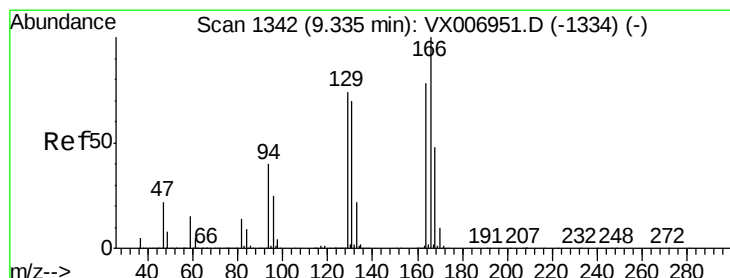
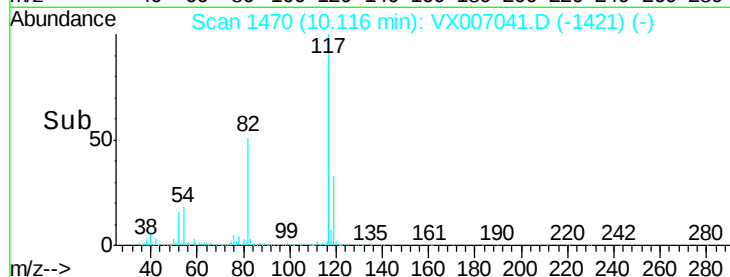
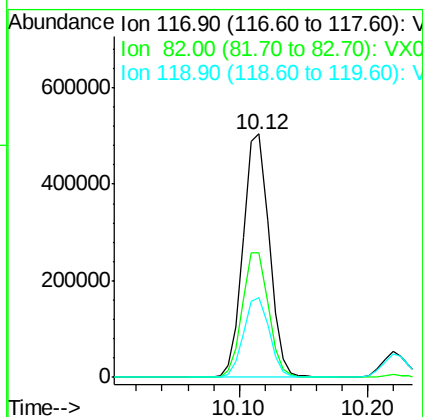
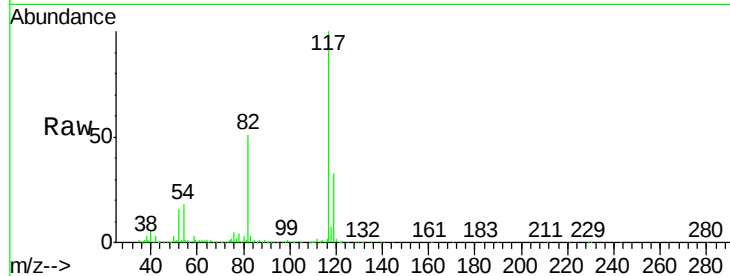
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0114WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 705933 |       |       |
| 82      | 51.1  |        | 41.0  | 61.6  |
| 119     | 32.9  |        | 25.4  | 38.0  |

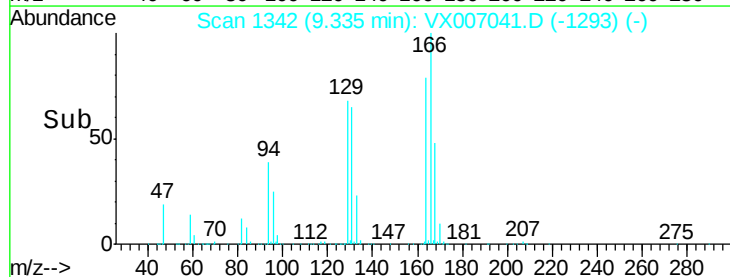
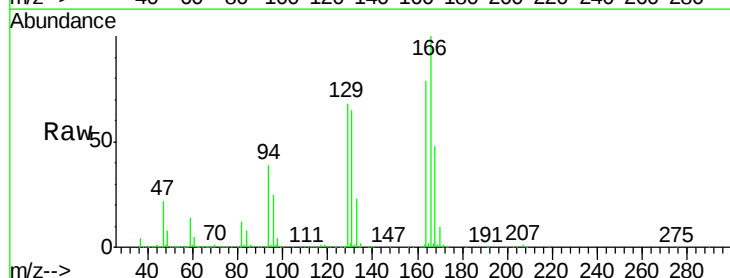
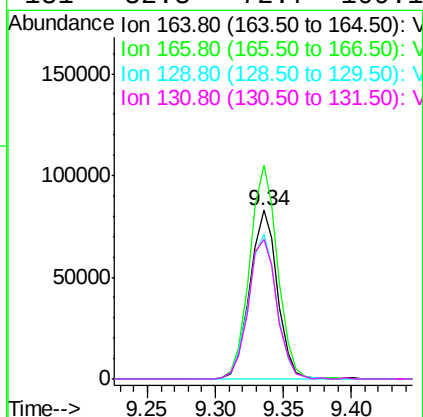
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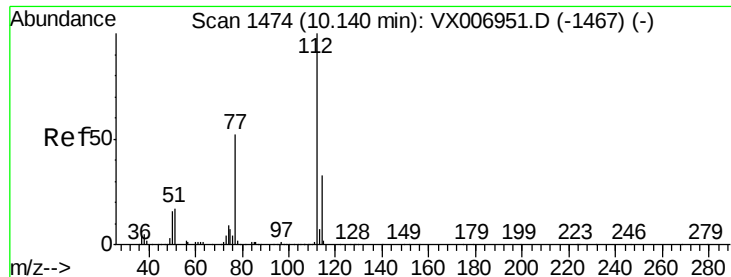
MMDadoda  
1/15/2019 11:13:16 AM



#64  
Tetrachloroethene  
Concen: 19.327 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 118120 |       |       |
| 166     | 126.5 |        | 102.5 | 153.7 |
| 129     | 85.6  |        | 75.1  | 112.7 |
| 131     | 82.3  |        | 72.7  | 109.1 |





#65

Chlorobenzene

Concen: 19.585 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0114WBSD01

Tot Ion:112 Resp: 301539

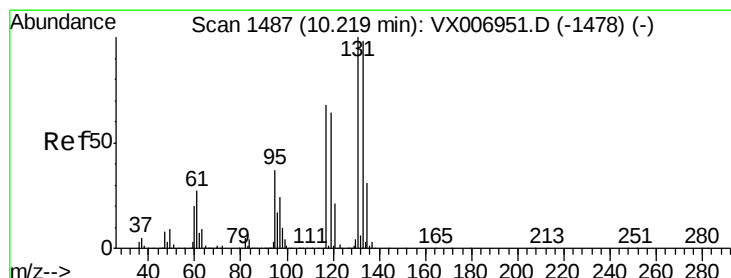
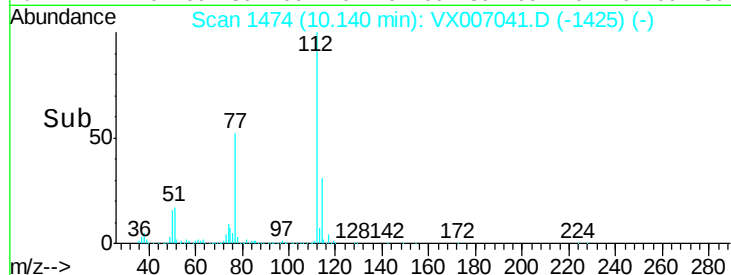
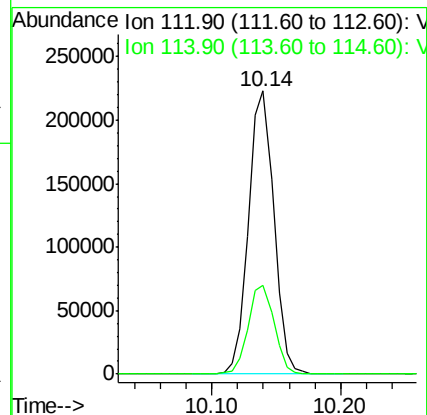
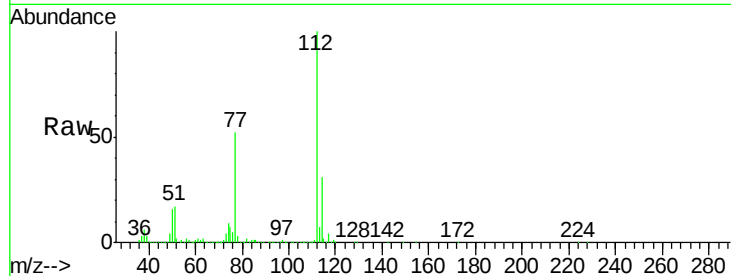
Ion Ratio Lower Upper

112 100

114 31.4 25.7 38.5

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1/15/2019 11:13:16 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.688 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

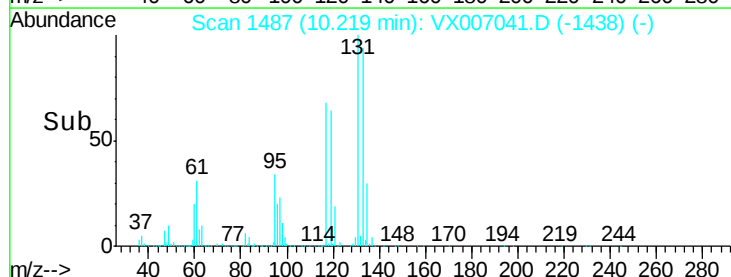
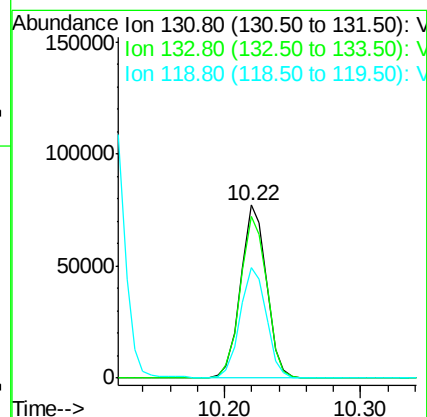
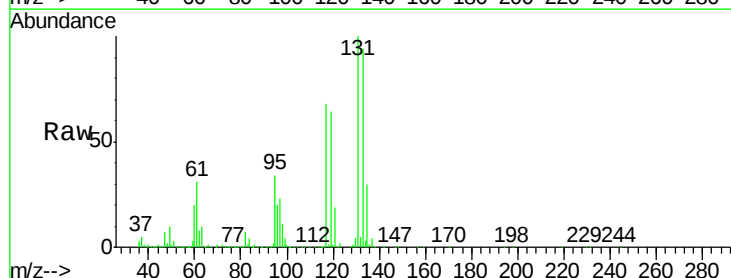
Tgt Ion:131 Resp: 101974

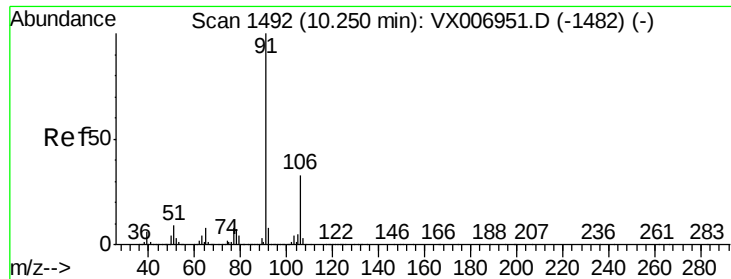
Ion Ratio Lower Upper

131 100

133 96.3 48.0 144.2

119 65.5 32.6 97.8





#67

Ethyl Benzene

Concen: 19.104 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 91 Resp: 485578

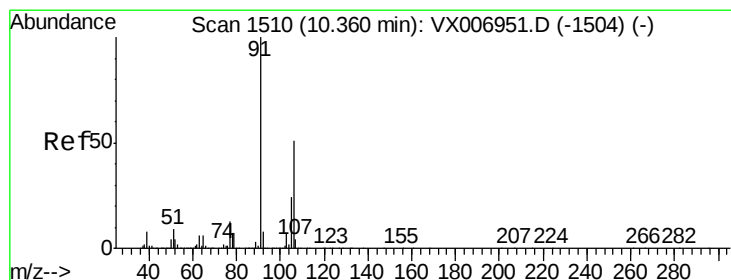
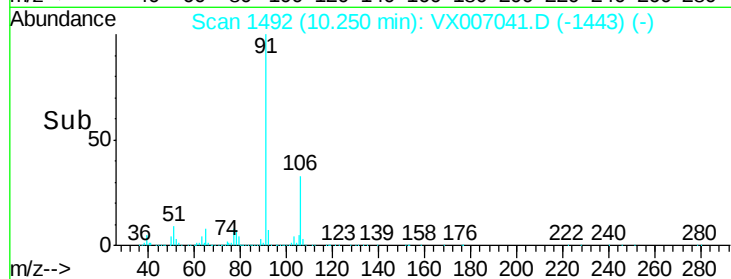
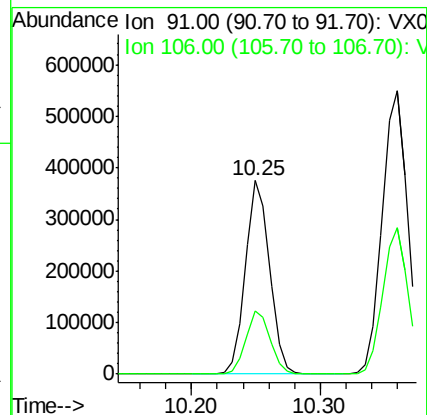
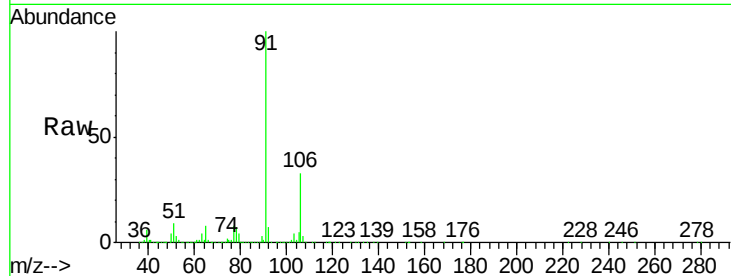
Ion Ratio Lower Upper

91 100

106 32.7 26.4 39.6

Manual Integrations  
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#68

m/p-Xylenes

Concen: 38.124 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007041.D

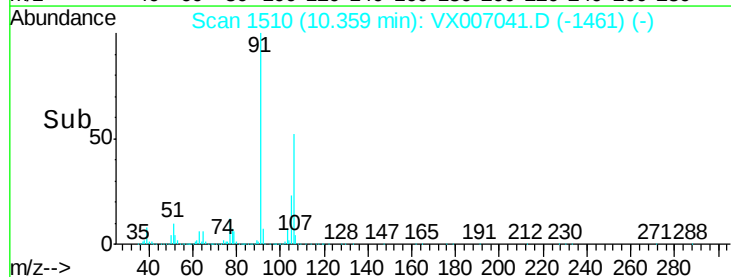
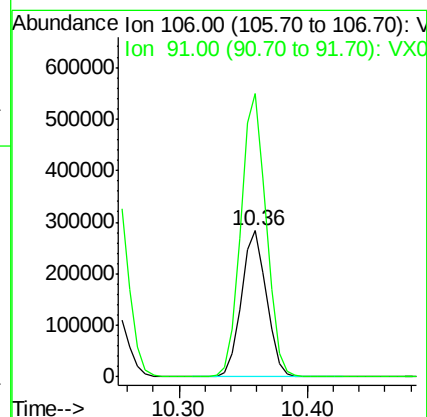
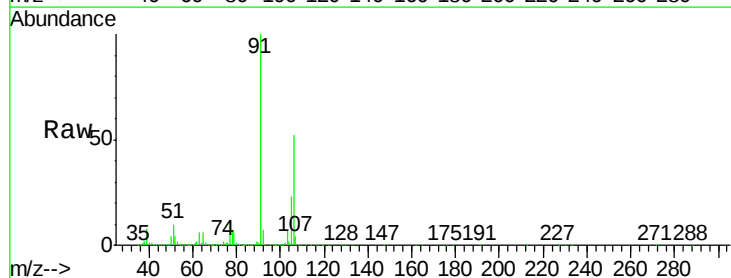
Acq: 14 Jan 2019 16:02

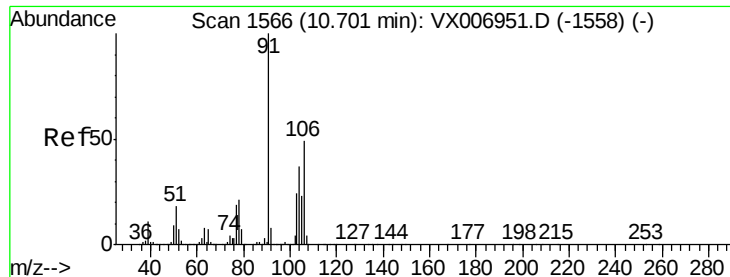
Tgt Ion: 106 Resp: 381787

Ion Ratio Lower Upper

106 100

91 196.1 155.8 233.6





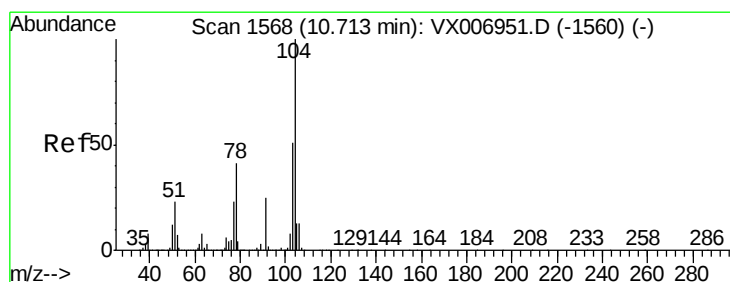
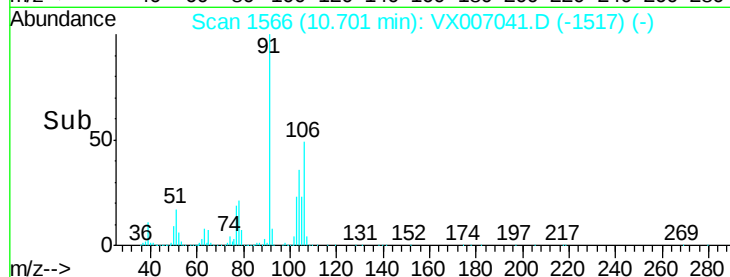
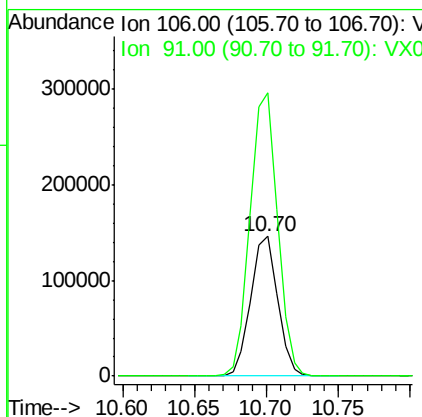
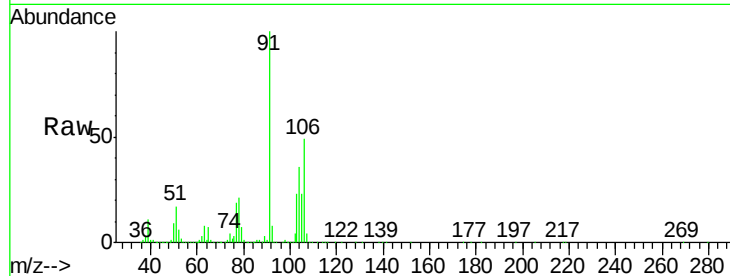
#69  
o-Xylene  
Concen: 19.339 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0114WBSD01

Tot Ion:106 Resp: 188872  
Ion Ratio Lower Upper  
106 100  
91 206.5 101.3 303.7

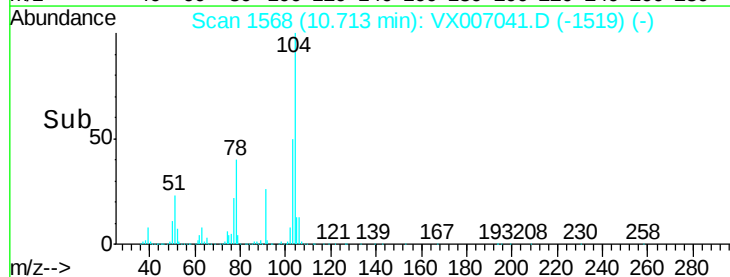
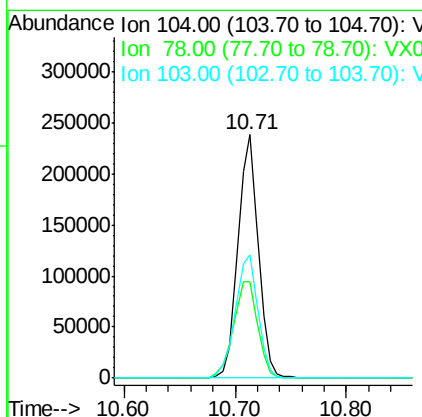
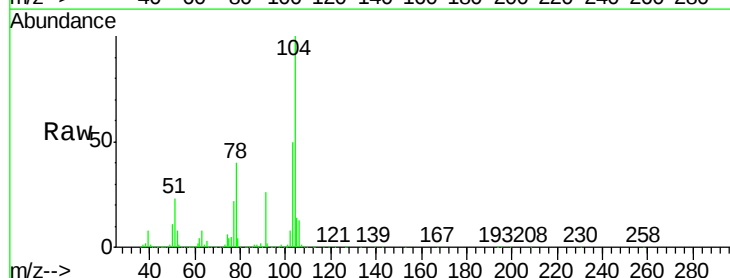
Manual Integrations  
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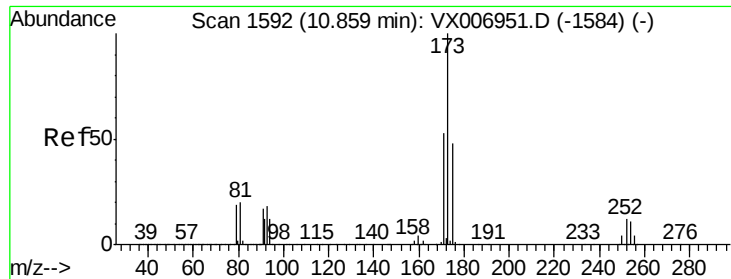
MMDadoda  
1/15/2019 11:13:16 AM



#70  
Styrene  
Concen: 19.584 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

Tgt Ion:104 Resp: 302923  
Ion Ratio Lower Upper  
104 100  
78 47.0 37.7 56.5  
103 56.3 43.8 65.8





#71

Bromoform

Concen: 19.354 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0114WBSD01

Tot Ion:173 Resp: 74858

Ion Ratio Lower Upper

173 100

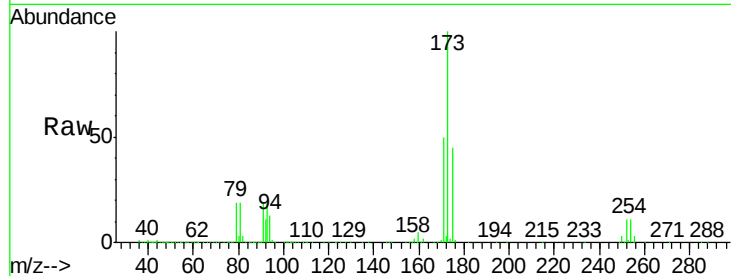
175 48.4 24.7 74.1

254 0.2 0.2 0.2#

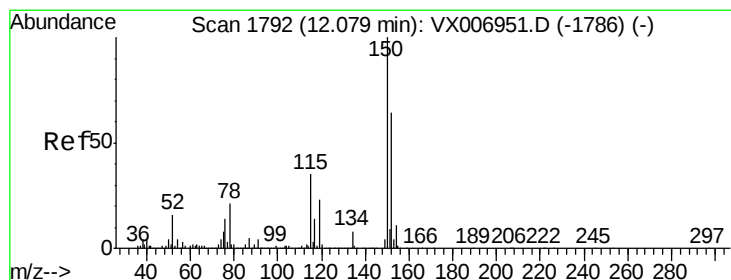
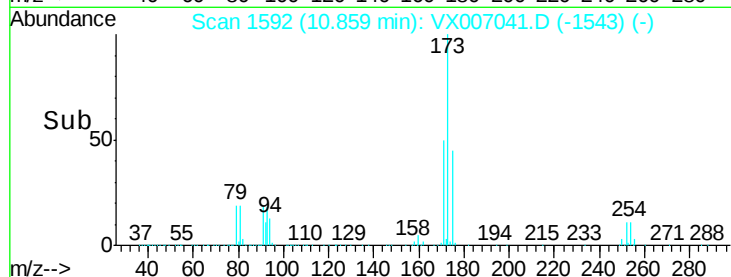
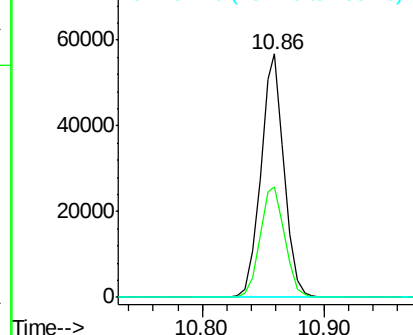
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

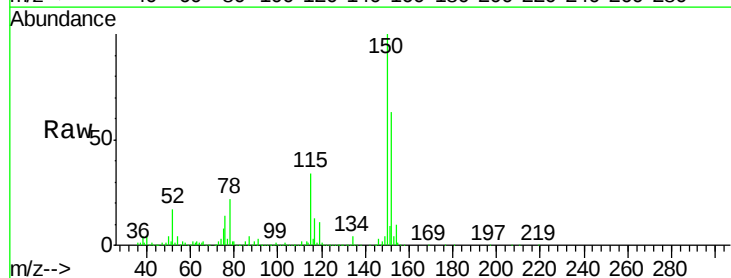
Tgt Ion:152 Resp: 361111

Ion Ratio Lower Upper

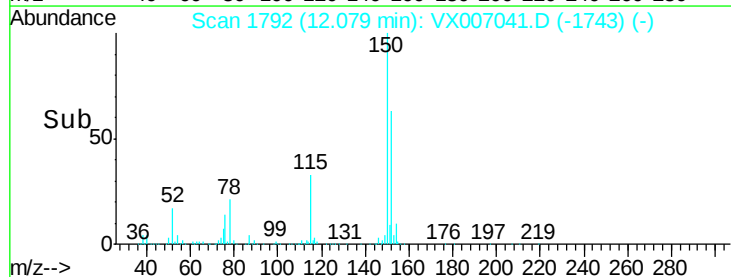
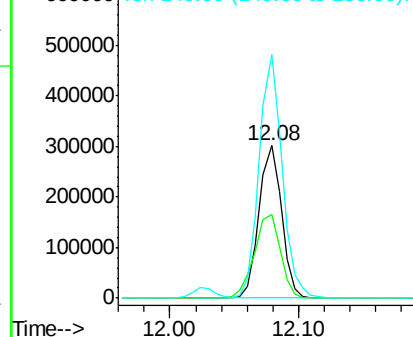
152 100

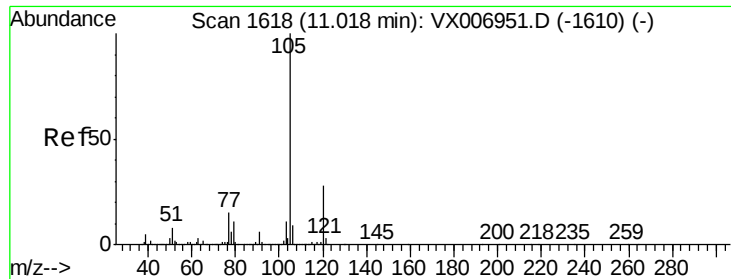
115 63.7 39.1 117.2

150 162.8 0.0 344.8



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





#73

Isopropylbenzene

Concen: 19.495 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 105 Resp: 496415

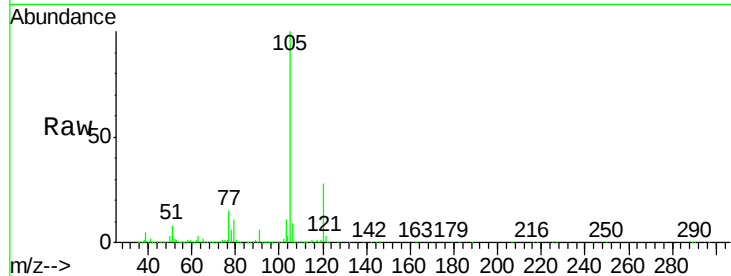
Ion Ratio Lower Upper

105 100

120 28.0 14.1 42.4

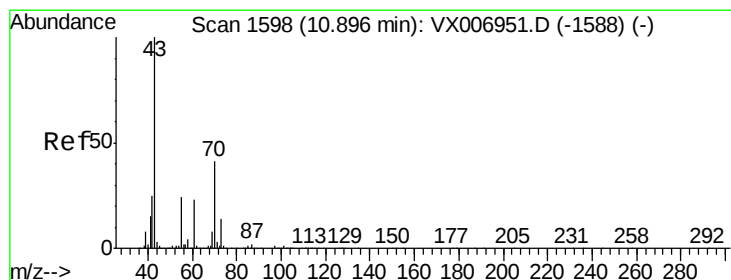
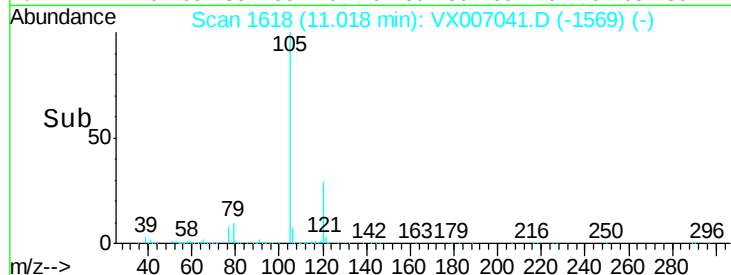
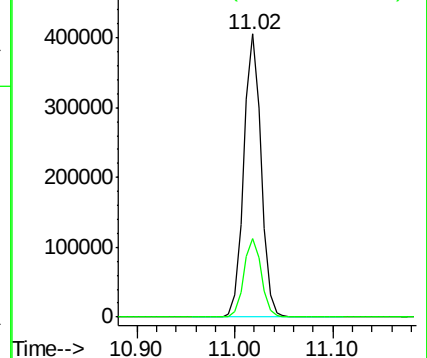
Manual Integrations  
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.749 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Tgt Ion: 43 Resp: 202464

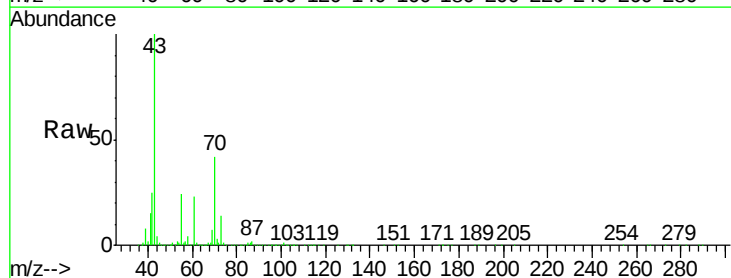
Ion Ratio Lower Upper

43 100

70 42.3 35.8 53.8

55 24.4 19.4 29.0

61 24.0 20.1 30.1

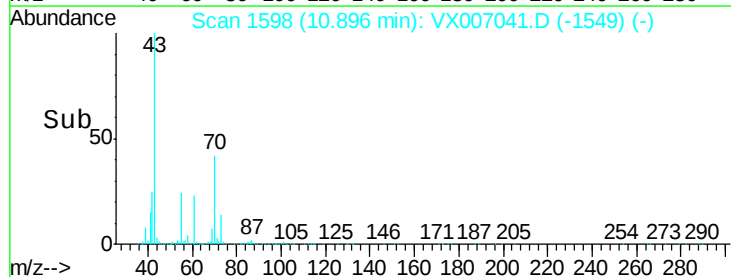
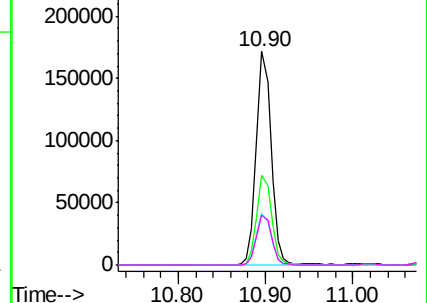


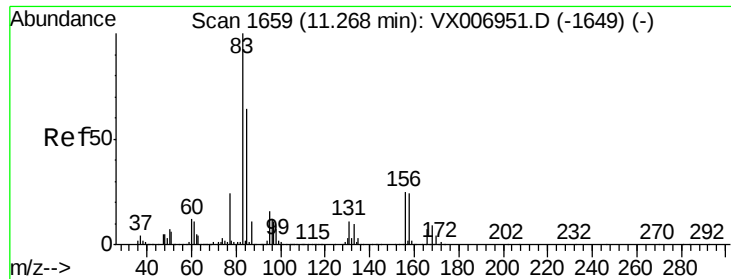
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.537 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 83 Resp: 157936

Ion Ratio Lower Upper

83 100

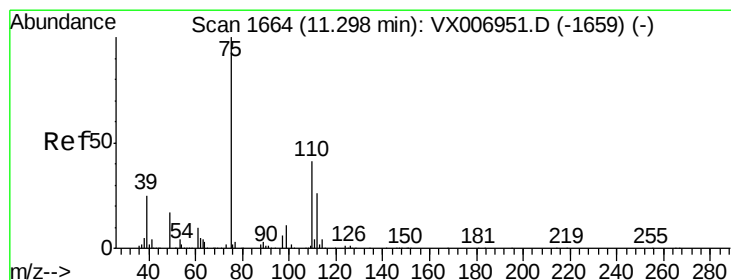
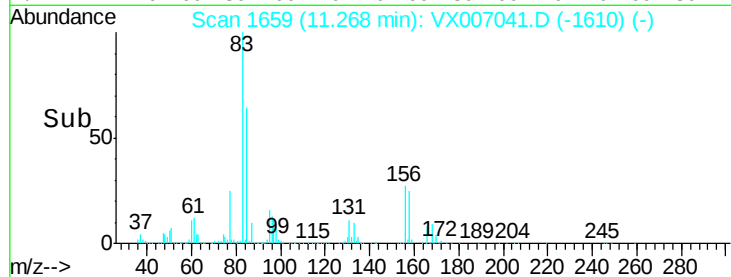
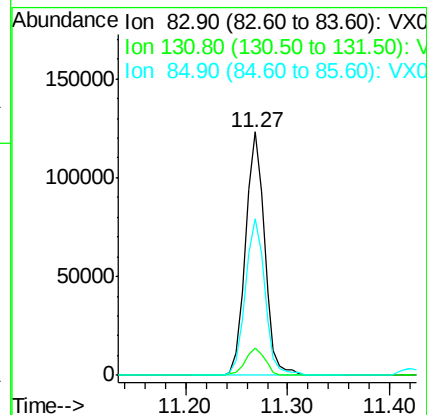
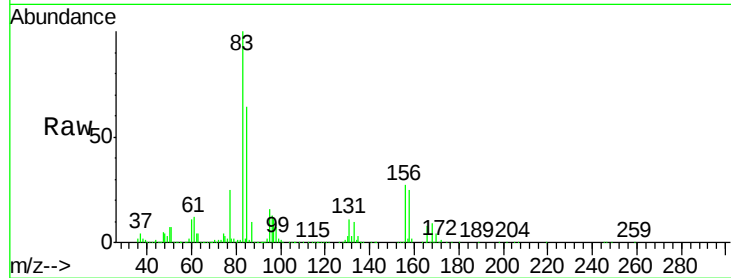
131 11.7 5.7 17.1

85 66.2 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 20.401 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007041.D

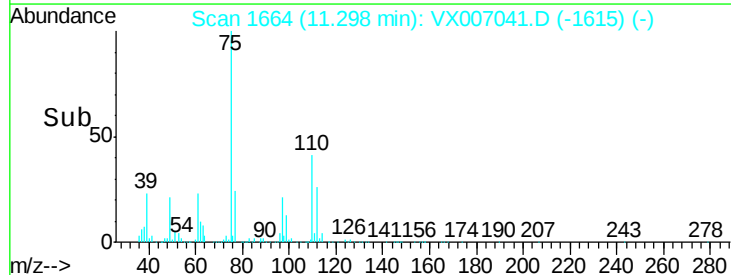
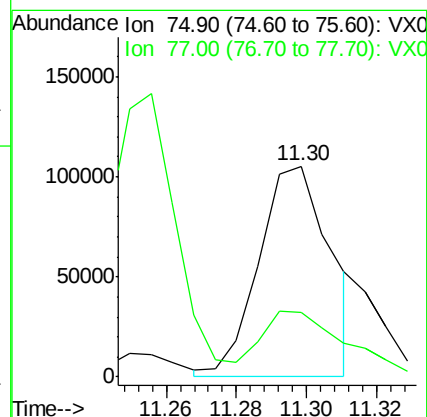
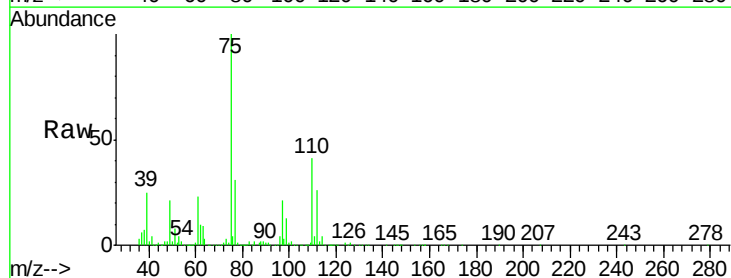
Acq: 14 Jan 2019 16:02

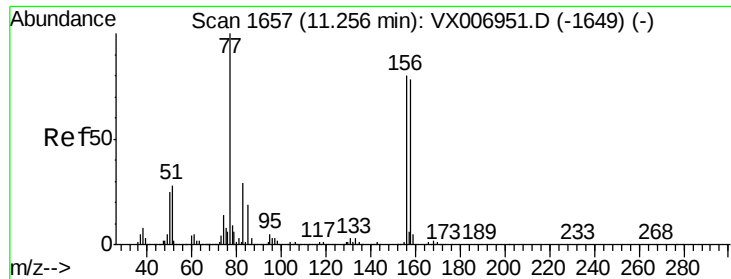
Tgt Ion: 75 Resp: 149288

Ion Ratio Lower Upper

75 100

77 36.8 18.5 55.5





#77

Bromobenzene

Concen: 19.648 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

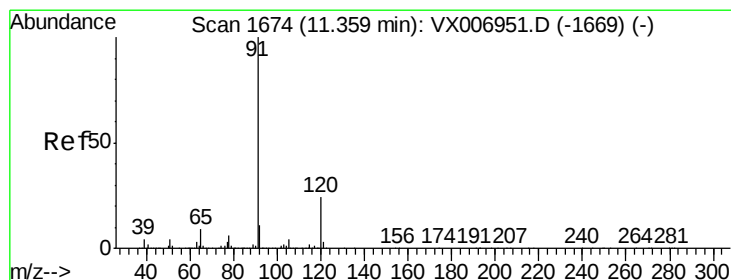
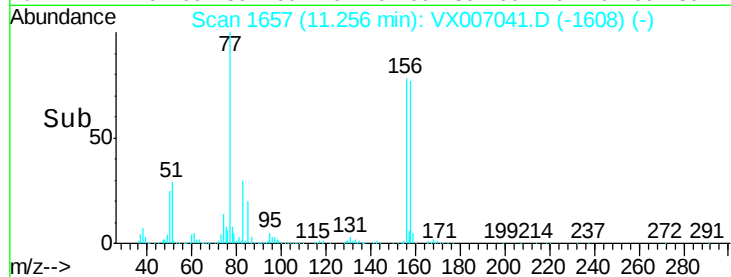
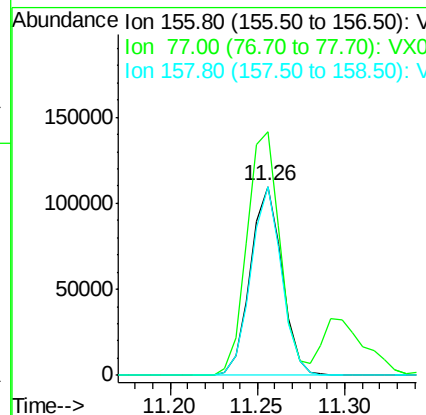
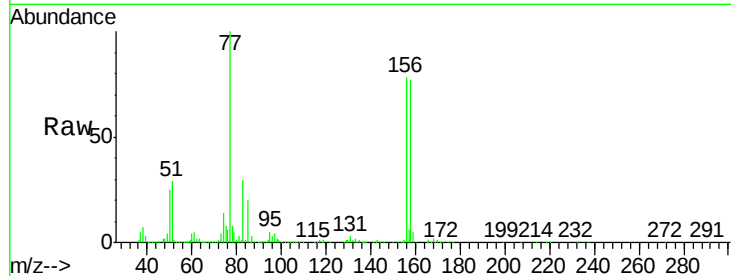
ClientSampleId :

VX0114WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 137851 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 135.9 | 68.0  | 204.0  |
| 158       | 97.3  | 48.3  | 144.8  |

Manual Integrations  
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#78

n-propylbenzene

Concen: 19.624 ug/l

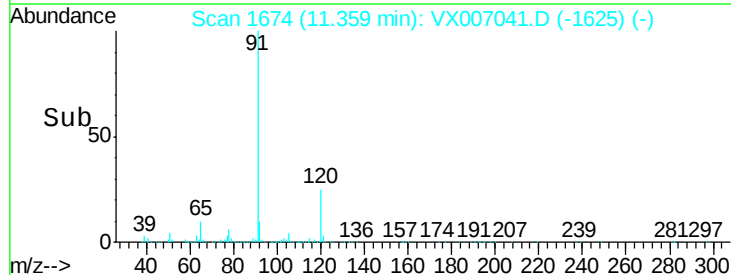
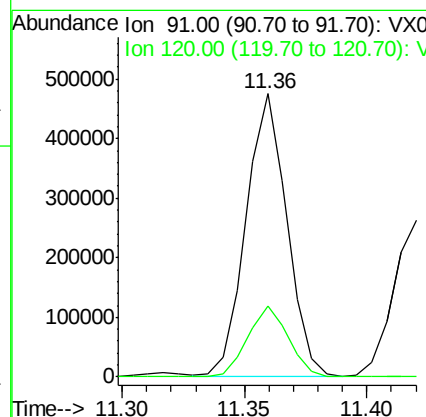
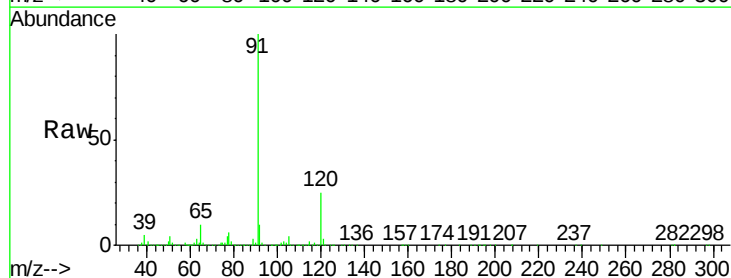
RT: 11.36 min Scan# 1674

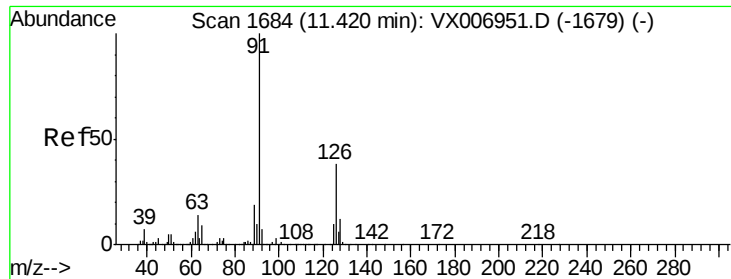
Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 548556 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 25.4  | 12.7  | 38.0   |





#79

2-Chlorotoluene

Concen: 19.624 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampled :

VX0114WBSD01

Tot Ion: 91 Resp: 330211

Ion Ratio Lower Upper

91 100

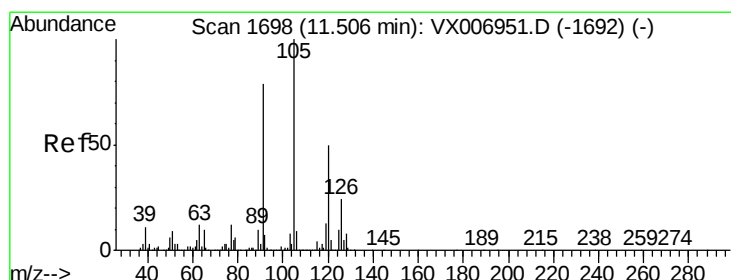
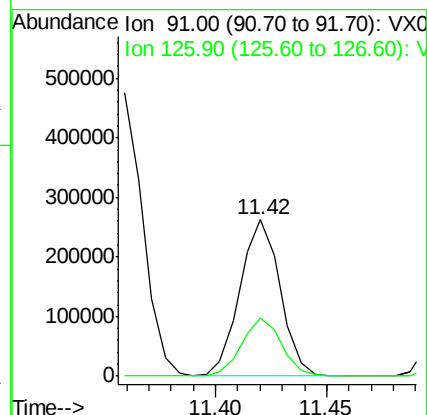
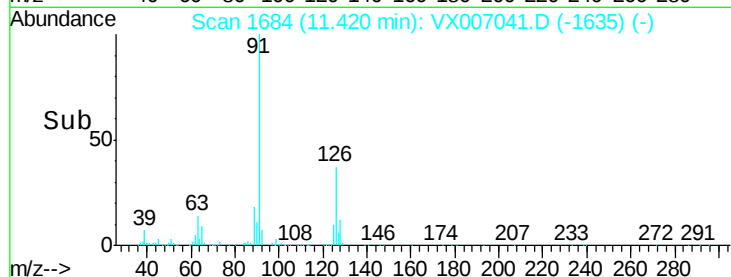
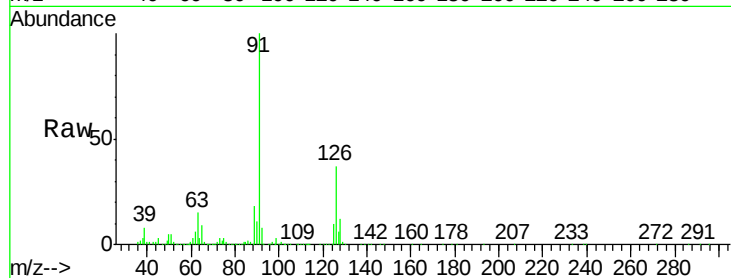
126 37.0 18.6 56.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.328 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007041.D

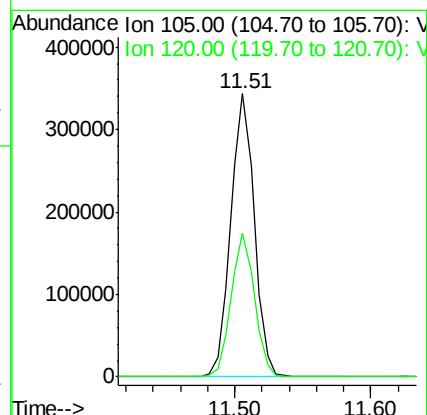
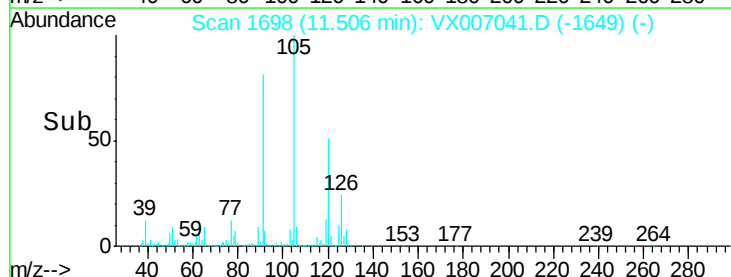
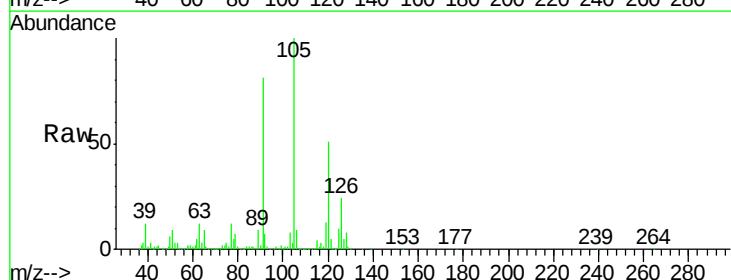
Acq: 14 Jan 2019 16:02

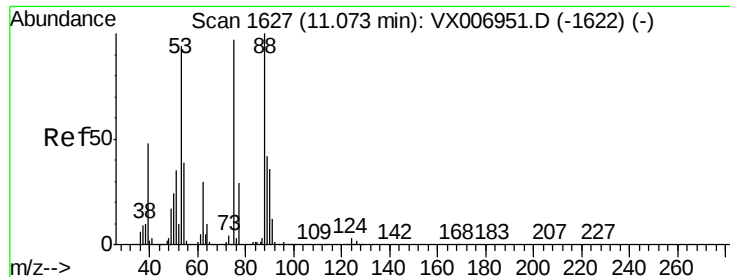
Tgt Ion: 105 Resp: 411229

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.023 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 75 Resp: 37356

Ion Ratio Lower Upper

75 100

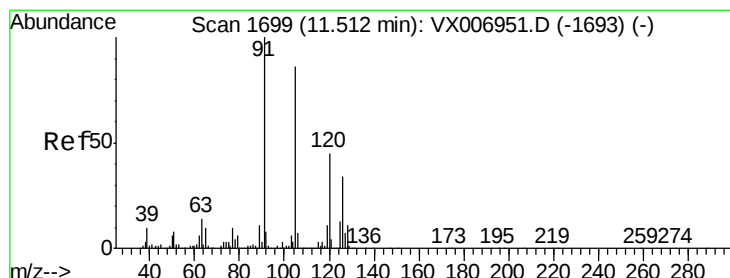
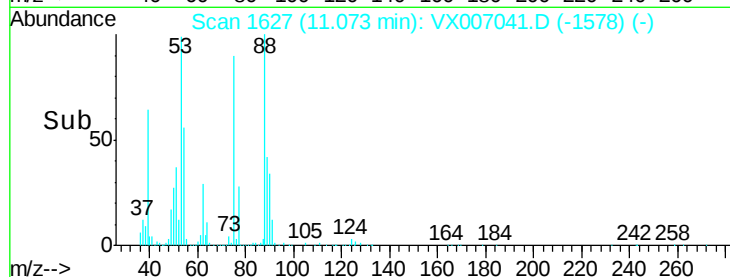
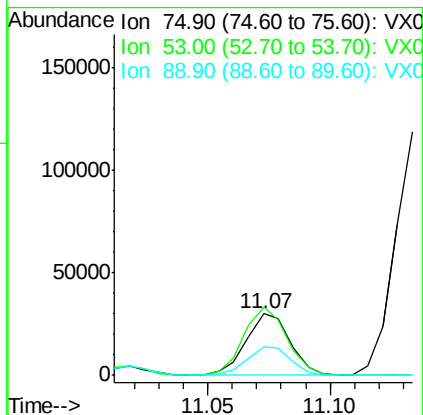
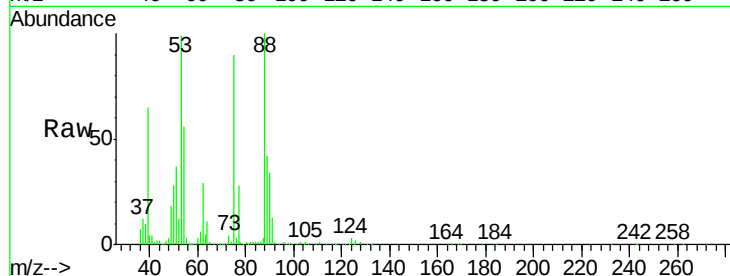
53 108.1 79.7 119.5

89 47.3 38.0 57.0

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#82

4-Chlorotoluene

Concen: 19.416 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007041.D

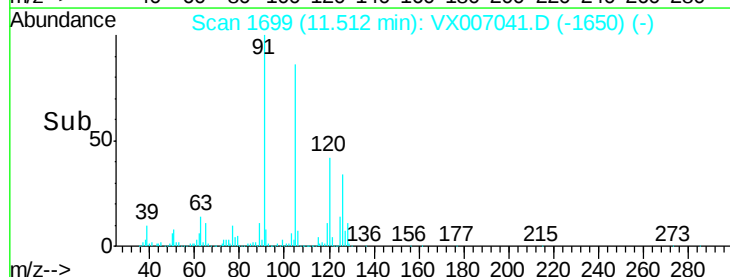
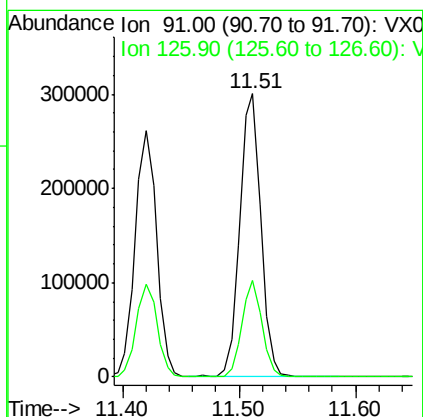
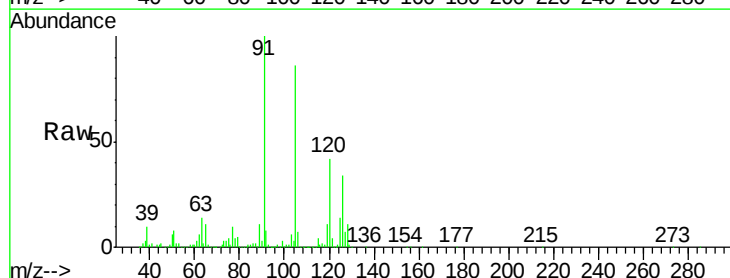
Acq: 14 Jan 2019 16:02

Tgt Ion: 91 Resp: 378270

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.9





#83

tert-Butylbenzene

Concen: 19.744 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

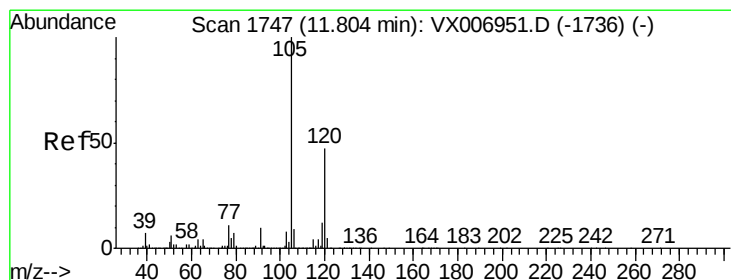
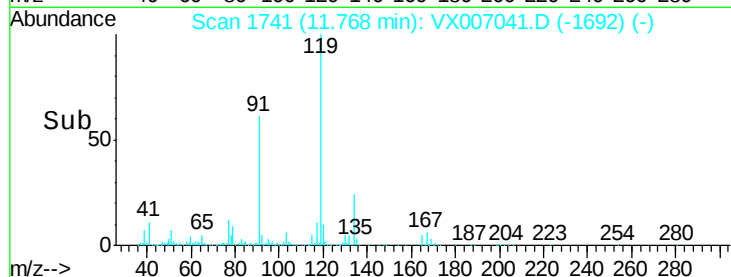
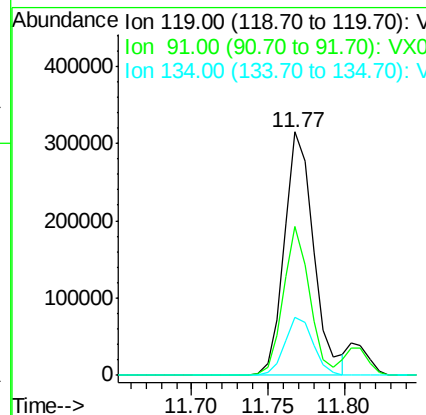
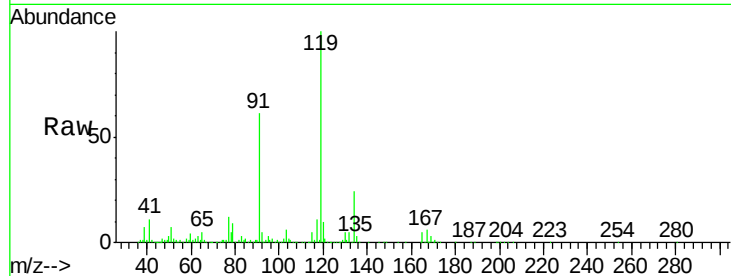
ClientSampleId :

VX0114WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 119   | Resp: | 419135 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 55.0  | 27.7  | 83.1   |
| 134       | 23.3  | 11.9  | 35.5   |

Manual Integrations  
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MMDadoda  
1/15/2019 11:13:16 AM



#84

1,2,4-Trimethylbenzene

Concen: 19.833 ug/l

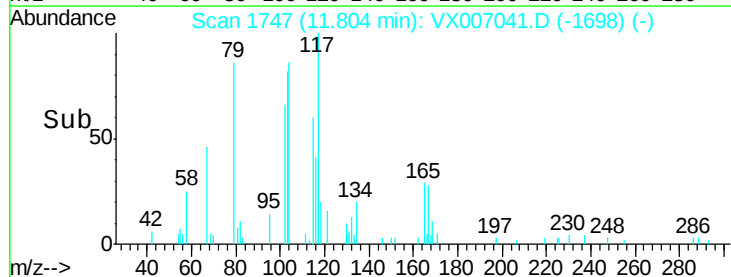
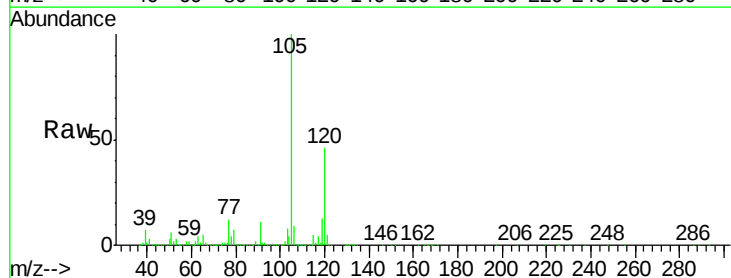
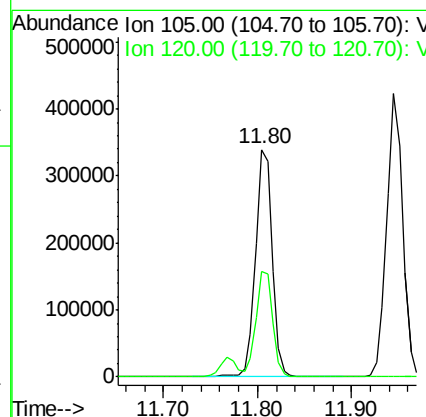
RT: 11.80 min Scan# 1747

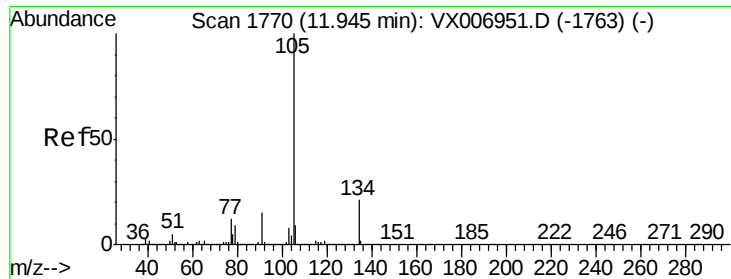
Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 424338 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 45.9  | 23.2  | 69.6   |





#85

sec-Butylbenzene

Concen: 19.798 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

ClientSampleId :

VX0114WBSD01

Tot Ion:105 Resp: 501917

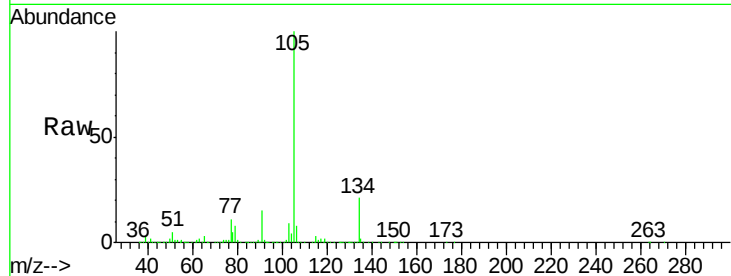
Ion Ratio Lower Upper

105 100

134 21.6 10.7 31.9

Manual Integrations  
APPROVED

MMDadoda  
1/15/2019 11:13:16 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

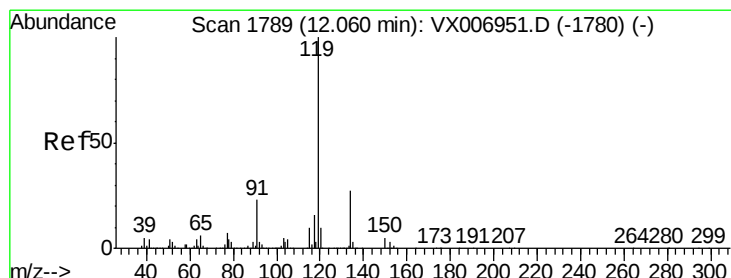
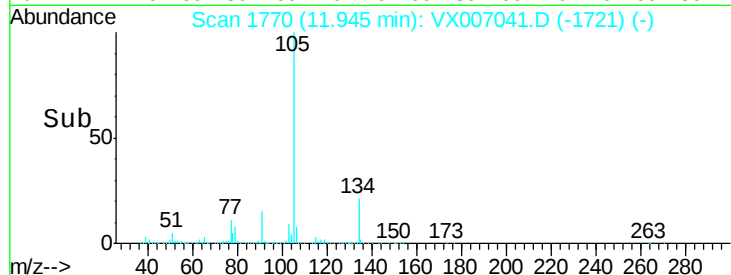
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.457 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

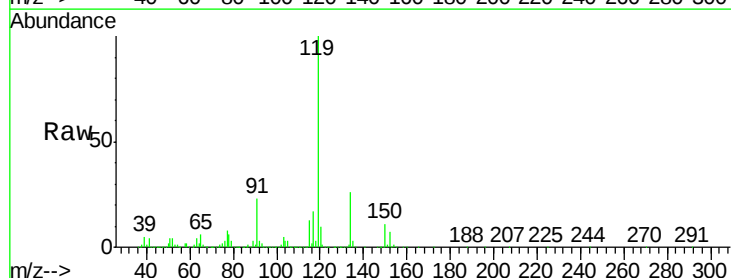
Tgt Ion:119 Resp: 441234

Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

91 23.0 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

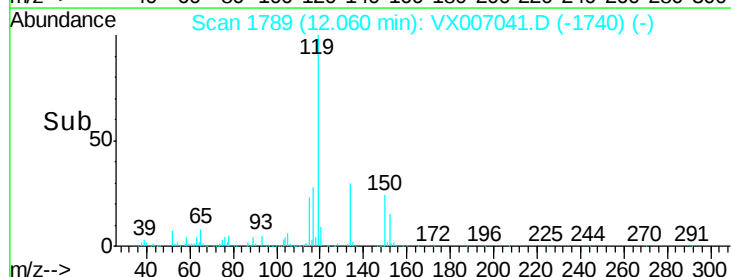
300000

200000

100000

0

Time-->





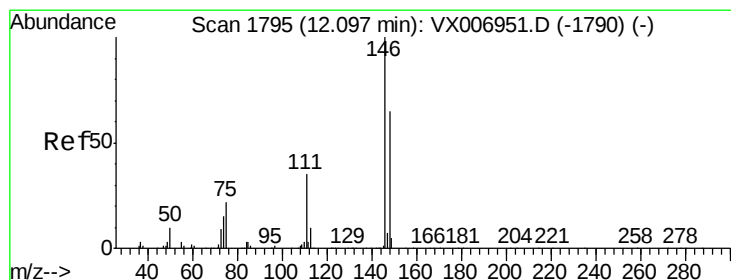
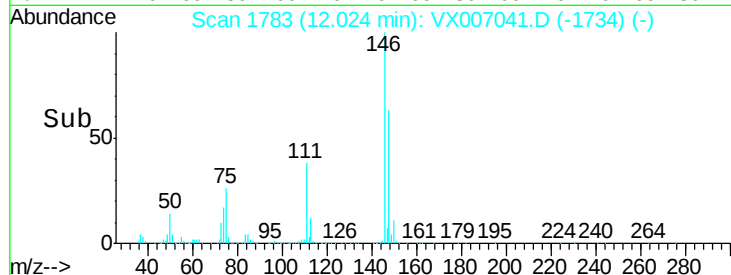
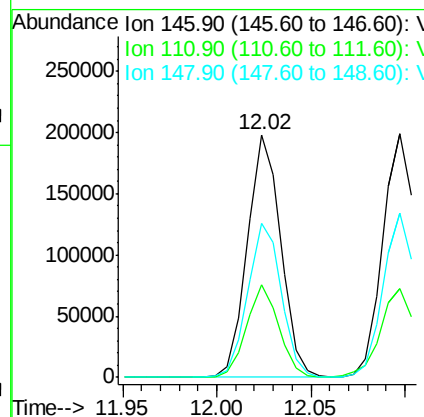
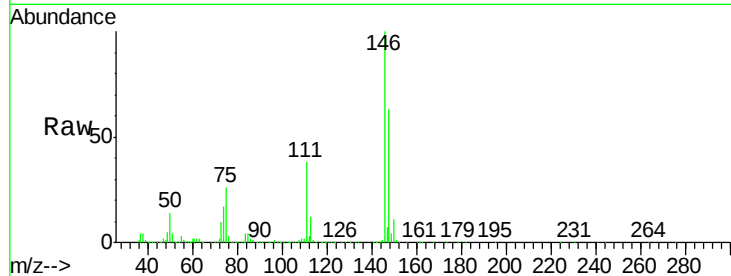
#87  
 1,3-Dichlorobenzene  
 Concen: 19.225 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX007041.D  
 Acq: 14 Jan 2019 16:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0114WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.8  | 18.6  | 55.8  |
| 148     | 64.1  | 31.8  | 95.3  |

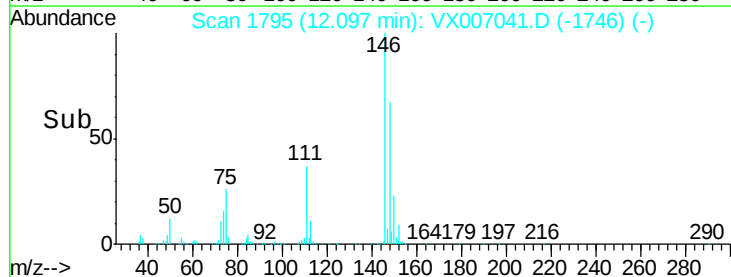
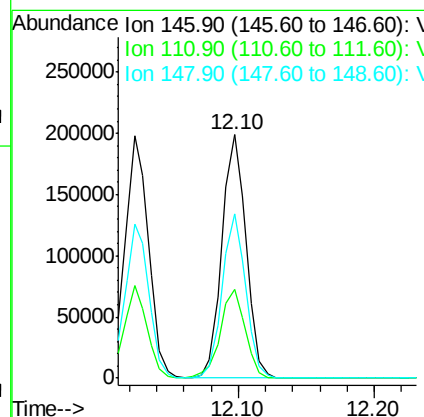
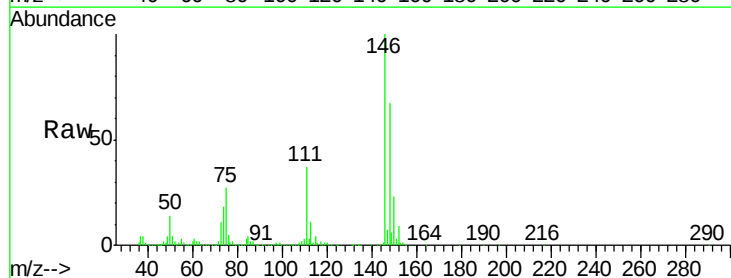
Manual Integrations  
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 1/15/2019 11:13:16 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 20.410 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX007041.D  
 Acq: 14 Jan 2019 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.7  | 18.1  | 54.1  |
| 148     | 65.9  | 31.9  | 95.9  |





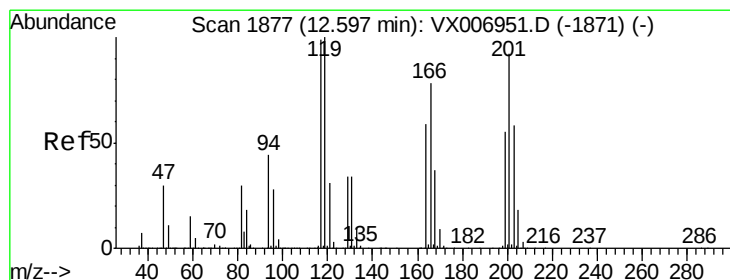
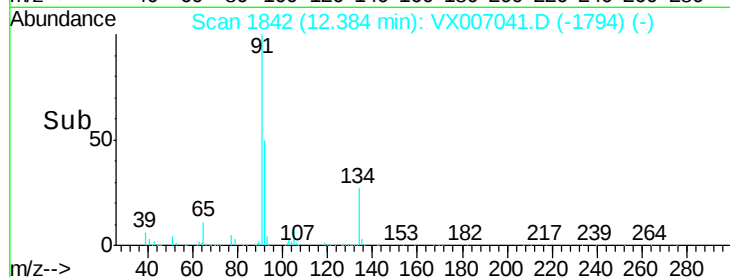
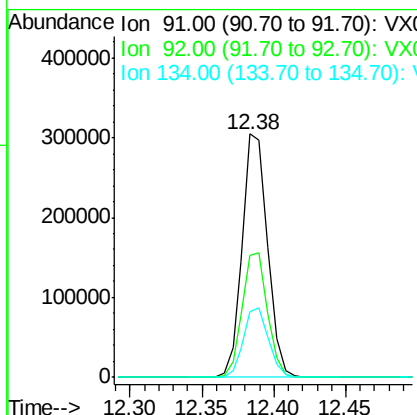
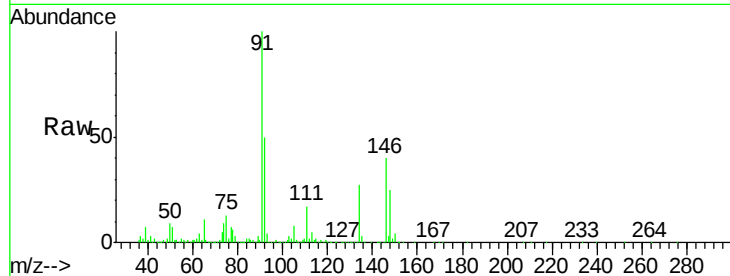
#89  
n-Butylbenzene  
Concen: 19.219 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.01 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0114WBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.0  | 26.8  | 80.4  |
| 134     | 28.2  | 14.4  | 43.2  |

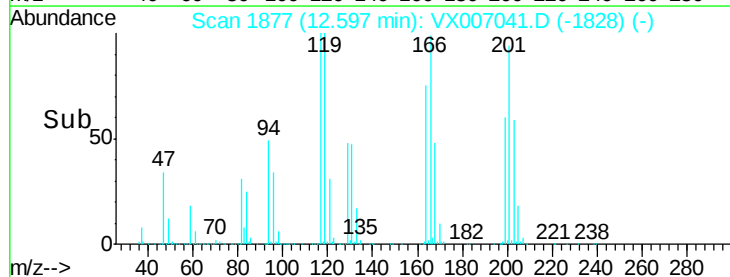
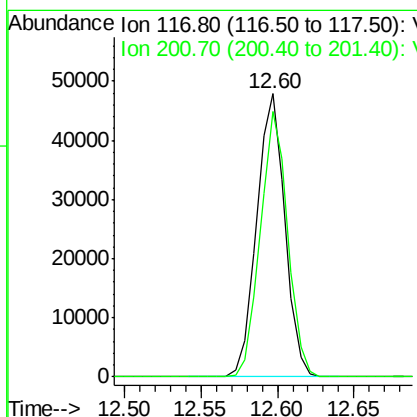
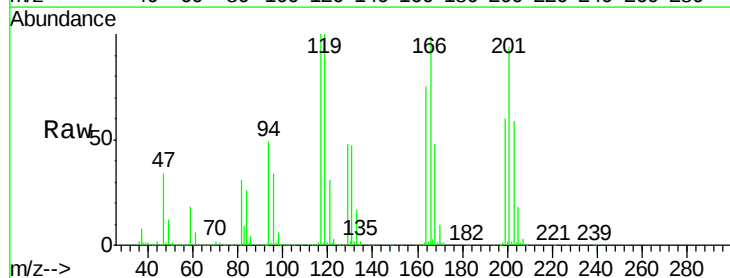
Manual Integrations  
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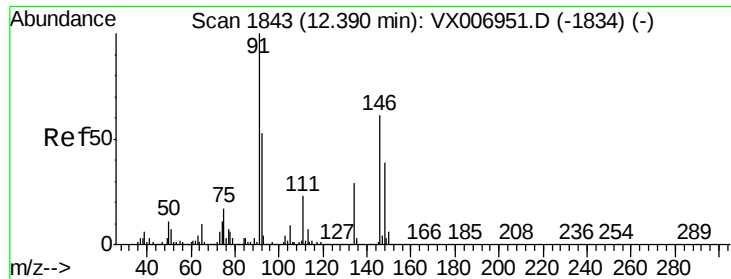
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#90  
Hexachloroethane  
Concen: 18.915 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX007041.D  
Acq: 14 Jan 2019 16:02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 91.3  | 42.9  | 128.7 |





#91

1,2-Dichlorobenzene

Concen: 19.332 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

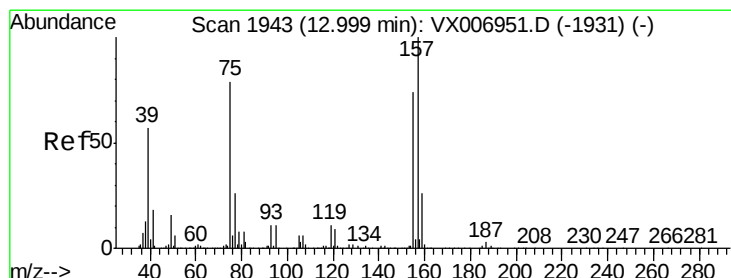
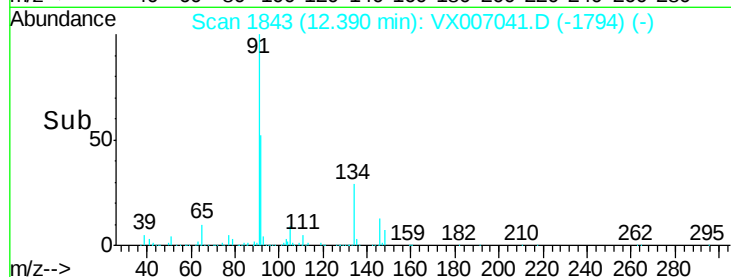
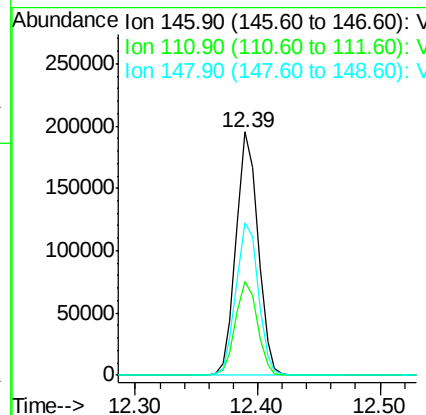
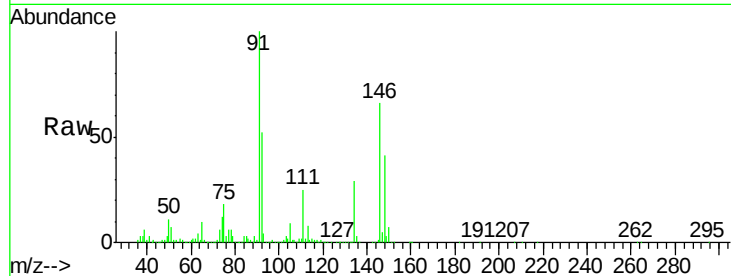
ClientSampleId :

VX0114WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 241934 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.7  | 19.4  | 58.2   |
| 148       | 64.0  | 32.3  | 96.9   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.725 ug/l

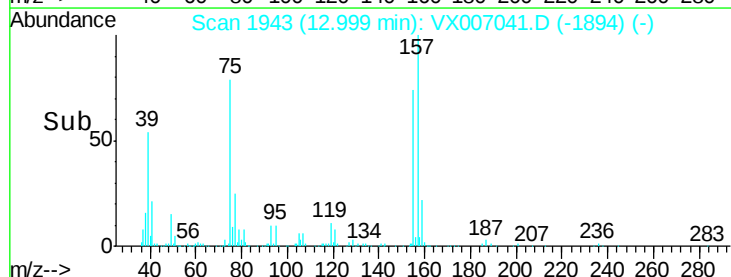
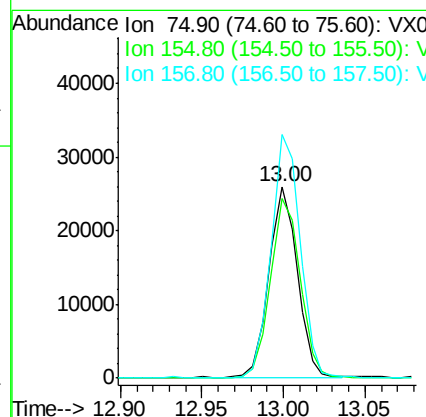
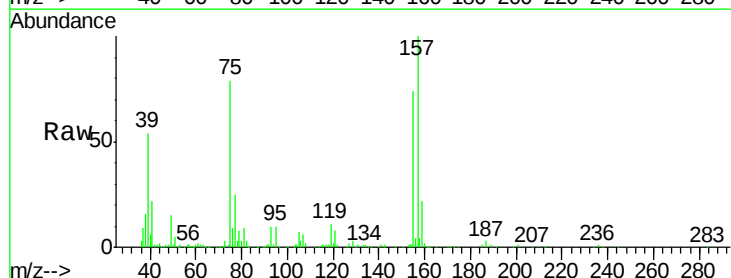
RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 31536 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 97.6  | 50.6  | 151.8 |
| 157       | 129.9 | 64.6  | 193.8 |





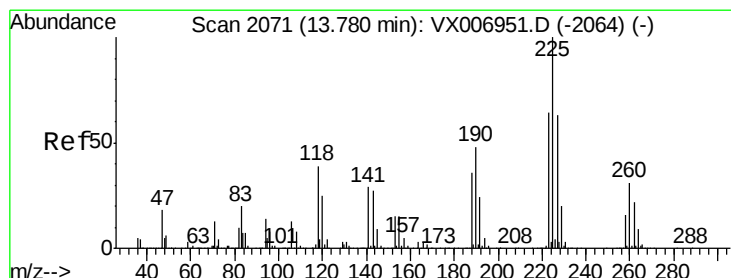
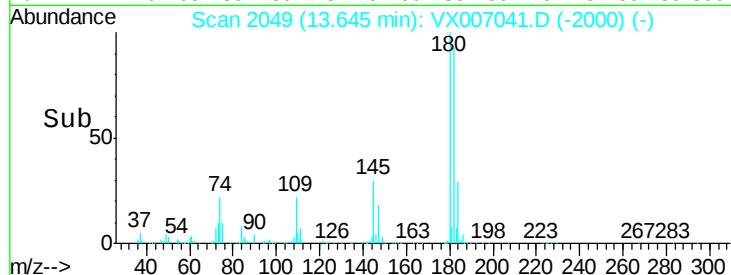
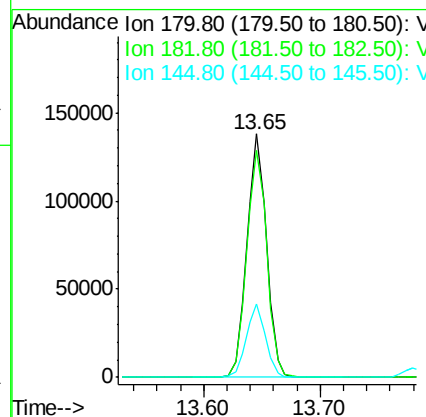
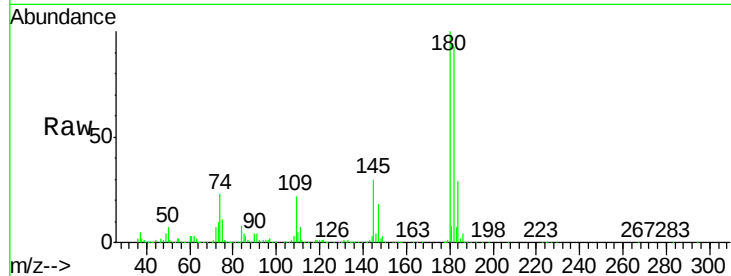
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.904 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX007041.D  
 Acq: 14 Jan 2019 16:02

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0114WBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 162307 |       |       |
| 182     | 95.8  | 47.3   | 142.0 |       |
| 145     | 29.7  | 14.8   | 44.3  |       |

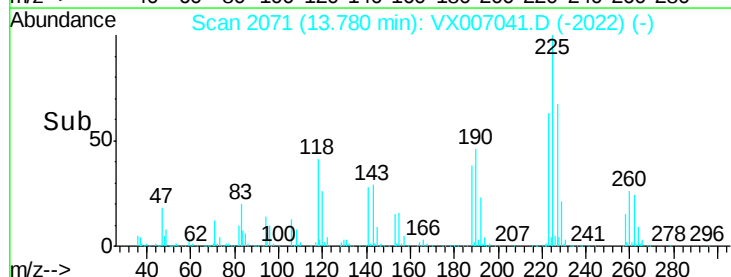
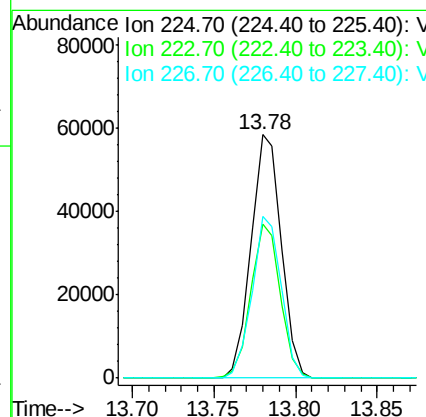
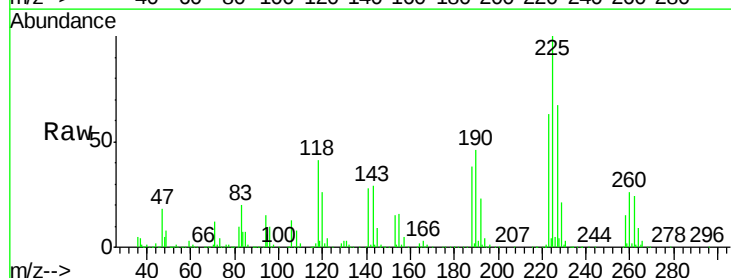
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#94  
 Hexachlorobutadiene  
 Concen: 19.890 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX007041.D  
 Acq: 14 Jan 2019 16:02

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 75785 |       |       |
| 223     | 61.5  | 32.1  | 96.3  |       |
| 227     | 64.0  | 32.3  | 96.8  |       |





#95

Naphthalene

Concen: 19.521 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

Instrument :

MSVOA\_X

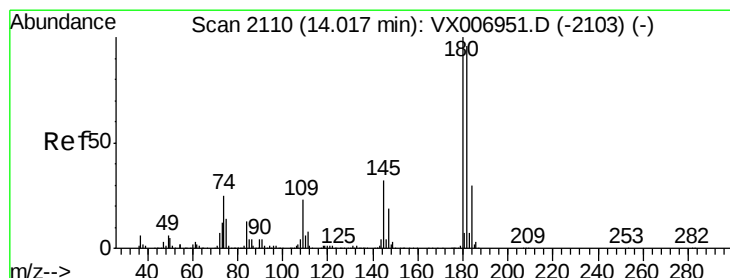
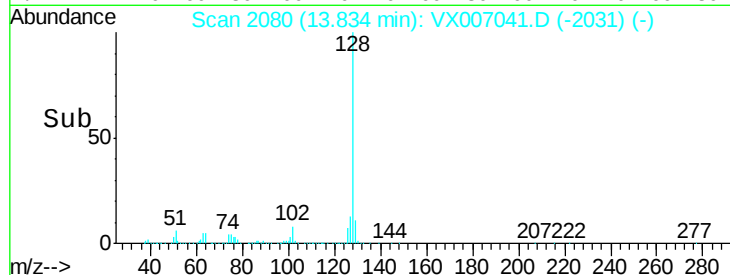
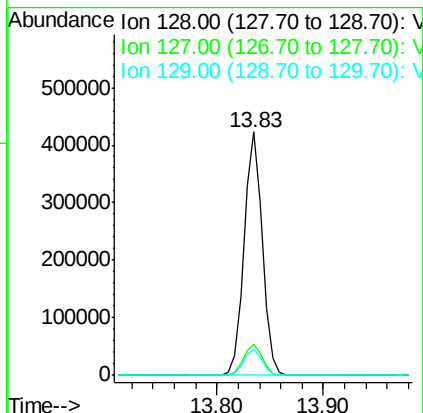
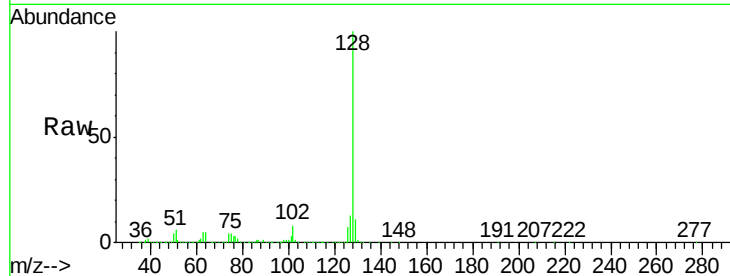
ClientSampleId :

VX0114WBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 507881 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.0  | 10.1  | 15.1   |
| 129       | 10.9  | 8.6   | 13.0   |

Manual Integrations  
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#96

1,2,3-Trichlorobenzene

Concen: 19.023 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007041.D

Acq: 14 Jan 2019 16:02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 162255 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.0  | 48.5  | 145.5  |
| 145       | 30.6  | 16.0  | 47.9   |

