

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030419\  
 Data File : VX007809.D  
 Acq On : 04 Mar 2019 14:35  
 Operator : JC/SP  
 Sample : VX0304MBS01  
 Misc : 5.00µL/100µL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0304MBS01

Manual Integrations  
 APPROVED

MMDadoda  
 3/5/2019 9:34:30 AM

Quant Time: Mar 04 15:57:15 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 26 01:53:13 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 313194   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 463653   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 407978   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 207128   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 166766   | 42.99 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 85.98% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 146092   | 47.14 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.28% |      |
| 50) Toluene-d8            | 8.71   | 98  | 542961   | 45.76 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.52% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 194691   | 44.70 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.40% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 47913  | 16.607  | ug/l | 98     |
| 3) Chloromethane              | 1.33 | 50  | 61665  | 19.288  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.41 | 62  | 64781  | 19.750  | ug/l | 99     |
| 5) Bromomethane               | 1.64 | 94  | 31879  | 14.319  | ug/l | 99     |
| 6) Chloroethane               | 1.73 | 64  | 40243  | 19.203  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 85515  | 17.006  | ug/l | 99     |
| 8) Diethyl Ether              | 2.19 | 74  | 40065  | 19.414  | ug/l | 89     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 53770  | 17.692  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 77408  | 20.454  | ug/l | 97     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 77708  | 105.571 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.38 | 96  | 51926  | 18.954  | ug/l | 97     |
| 13) Acrolein                  | 2.30 | 56  | 72959  | 111.544 | ug/l | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 107845 | 21.290  | ug/l | 91     |
| 15) Acrylonitrile             | 3.15 | 53  | 183868 | 106.147 | ug/l | 100    |
| 16) Acetone                   | 2.45 | 43  | 158048 | 91.611  | ug/l | 98     |
| 17) Carbon Disulfide          | 2.57 | 76  | 143364 | 18.810  | ug/l | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 88273  | 23.448  | ug/l | 96     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 195828 | 20.527  | ug/l | 99     |
| 20) Methylene Chloride        | 2.86 | 84  | 59762  | 18.760  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 56277  | 18.896  | ug/l | 92     |
| 22) Diisopropyl ether         | 3.87 | 45  | 214991 | 20.388  | ug/l | 97     |
| 23) Vinyl Acetate             | 3.82 | 43  | 919653 | 99.404  | ug/l | 98     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 112313 | 19.598  | ug/l | 100    |
| 25) 2-Butanone                | 4.70 | 43  | 264330 | 100.585 | ug/l | 95     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 76351  | 16.690  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 67151  | 17.720  | ug/l | 93     |
| 28) Bromochloromethane        | 5.02 | 49  | 53372  | 19.130  | ug/l | 86     |
| 29) Tetrahydrofuran           | 5.15 | 42  | 173648 | 100.243 | ug/l | 94     |
| 30) Chloroform                | 5.21 | 83  | 107081 | 17.443  | ug/l | 98     |
| 31) Cyclohexane               | 5.57 | 56  | 100345 | 18.614  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 89129  | 17.556  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 79302  | 19.025  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.85 | 43  | 97713  | 21.102  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 75670  | 18.072  | ug/l | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030419\  
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 Acq On : 04 Mar 2019 14:35  
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 Sample : VX0304MBS01  
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0304MBS01

Manual Integrations  
 APPROVED

MMDadoda  
 3/5/2019 9:34:30 AM

Quant Time: Mar 04 15:57:15 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 26 01:53:13 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 95853    | 18.194  | ug/l   | 96       |
| 40) Benzene                    | 6.15  | 78   | 251799   | 19.568  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.06  | 41   | 56128    | 22.700  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 83445    | 19.294  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 152246   | 21.363  | ug/l   | 98       |
| 44) Trichloroethene            | 7.21  | 130  | 68414    | 19.327  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 68373    | 20.513  | ug/l   | 100      |
| 46) Dibromomethane             | 7.66  | 93   | 41915    | 18.025  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 77023    | 19.113  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 78814    | 21.098  | ug/l   | 92       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 31766    | 393.718 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 497023   | 104.191 | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 154723   | 19.068  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 84736    | 18.768  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 97008    | 19.837  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 64272    | 18.995  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 99000    | 20.575  | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 108891   | 20.104  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 271400   | 102.282 | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.49  | 43   | 377384   | 100.767 | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 63728    | 19.573  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 68025    | 19.363  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 67981    | 20.525  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 171749   | 19.464  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 62186    | 20.204  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 287544   | 19.672  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 221175   | 38.895  | ug/l   | 98       |
| 69) o-Xylene                   | 10.70 | 106  | 108391   | 19.817  | ug/l   | 96       |
| 70) Styrene                    | 10.71 | 104  | 177251   | 19.715  | ug/l   | 100      |
| 71) Bromoform                  | 10.86 | 173  | 50357    | 21.818  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 291215   | 19.672  | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 130424   | 20.288  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 96332    | 18.814  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 80972m   | 18.340  | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 78365    | 21.105  | ug/l   | 96       |
| 78) n-propylbenzene            | 11.36 | 91   | 322958   | 19.306  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 192448   | 19.106  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 237408   | 19.497  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 26970    | 18.394  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 220628   | 18.724  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 235645   | 20.155  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 248161   | 19.923  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 284909   | 19.447  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 254737   | 19.854  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 136932   | 19.881  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 137105   | 19.437  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 214073   | 18.708  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 38741    | 17.920  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 137320   | 19.927  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 20033    | 17.957  | ug/l   | 96       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030419\  
Data File : VX007809.D  
Acq On : 04 Mar 2019 14:35  
Operator : JC/SP  
Sample : VX0304MBS01  
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

Manual Integrations  
APPROVED

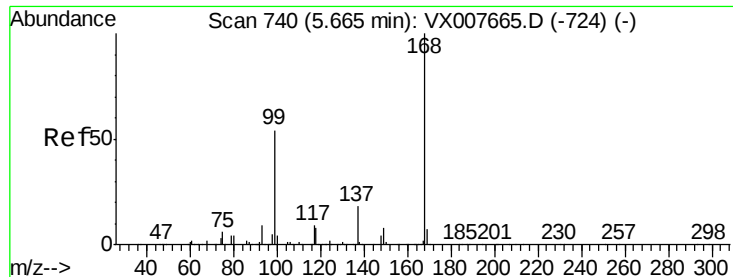
MMDadoda  
3/5/2019 9:34:30 AM

Quant Time: Mar 04 15:57:15 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X022519W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 26 01:53:13 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 96786    | 23.009 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 49752    | 25.854 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 300953   | 22.083 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 97631    | 23.115 | 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: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0304MBS01

Tot Ion:168 Resp: 313194

Ion Ratio Lower Upper

168 100

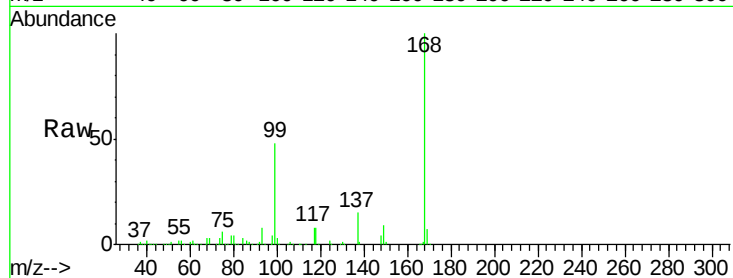
99 47.7 37.9 56.9

Manual Integrations

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3/5/2019 9:34:30 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

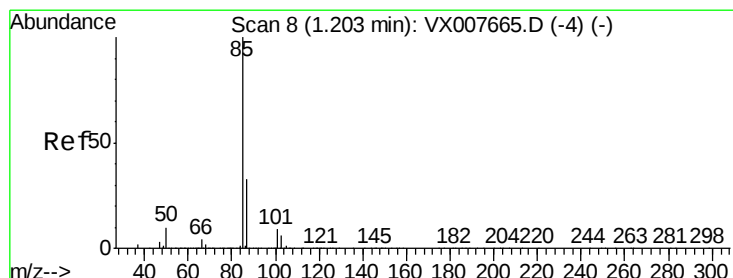
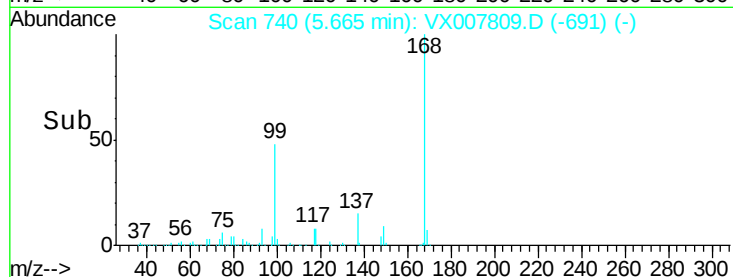
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.607 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007809.D

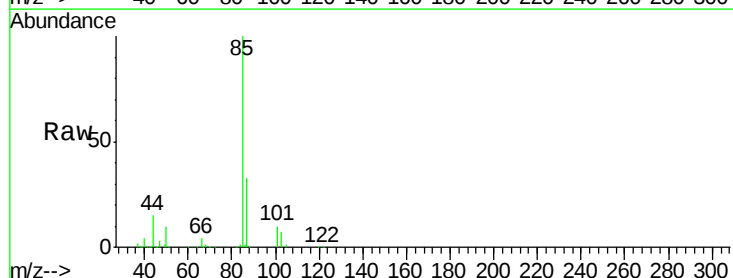
Acq: 04 Mar 2019 14:35

Tgt Ion: 85 Resp: 47913

Ion Ratio Lower Upper

85 100

87 32.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

20000

10000

0

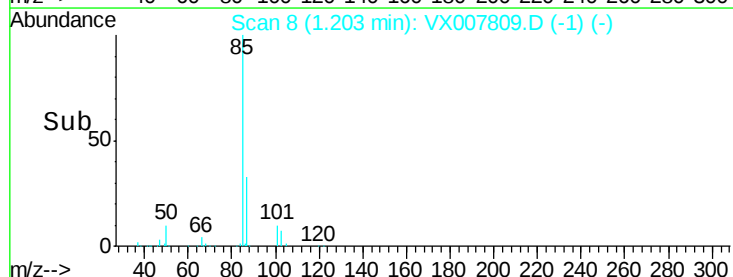
1.15

1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 19.288 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Tot Ion: 50 Resp: 61665

Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1

Instrument :

MSVOA\_X

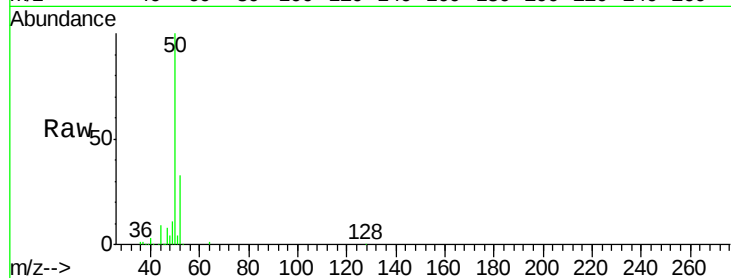
ClientSampleId :

VX0304MBS01

Manual Integrations  
APPROVED

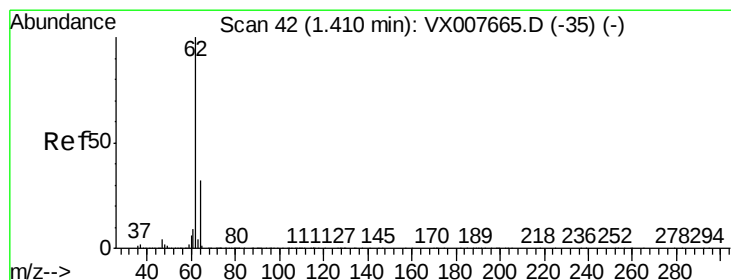
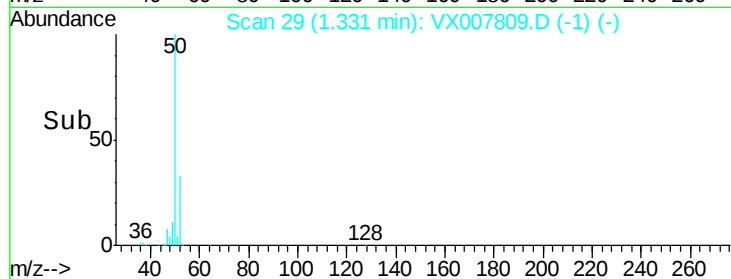
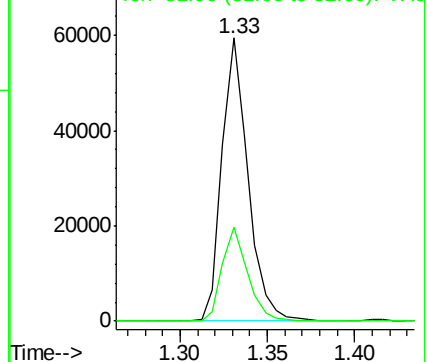
MMDadoda

3/5/2019 9:34:30 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.750 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007809.D

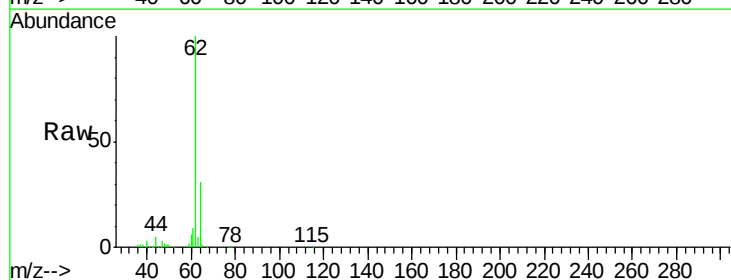
Acq: 04 Mar 2019 14:35

Tgt Ion: 62 Resp: 64781

Ion Ratio Lower Upper

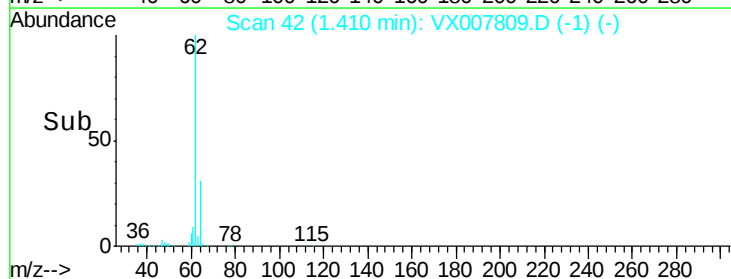
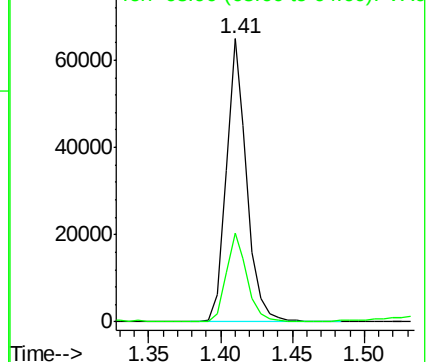
62 100

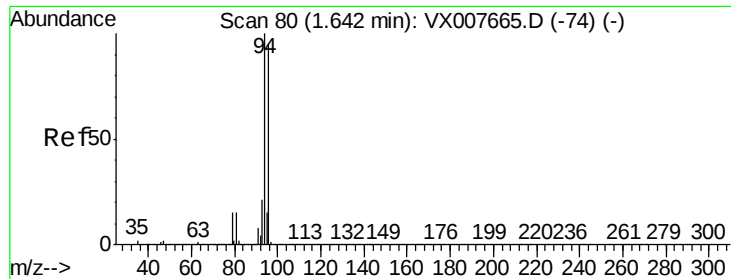
64 31.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 14.319 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0304MBS01

Tot Ion: 94 Resp: 31879

Ion Ratio Lower Upper

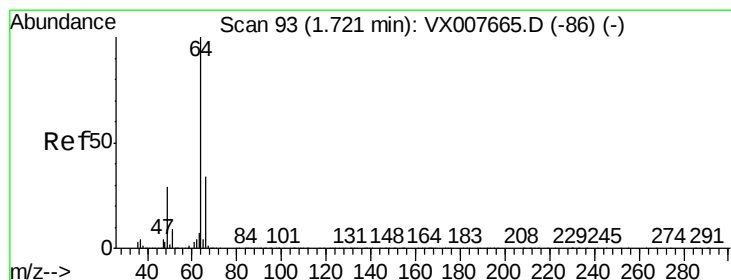
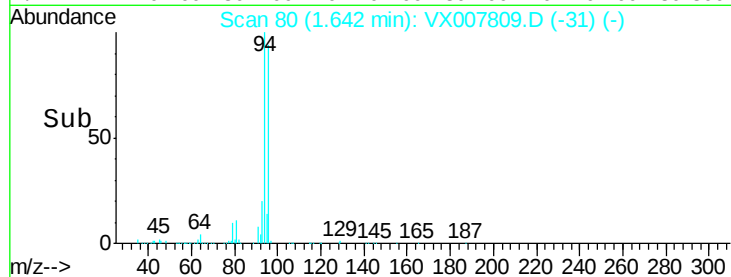
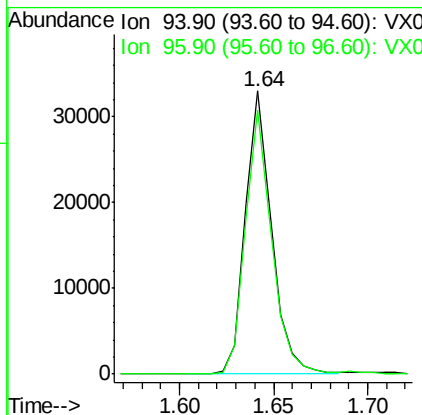
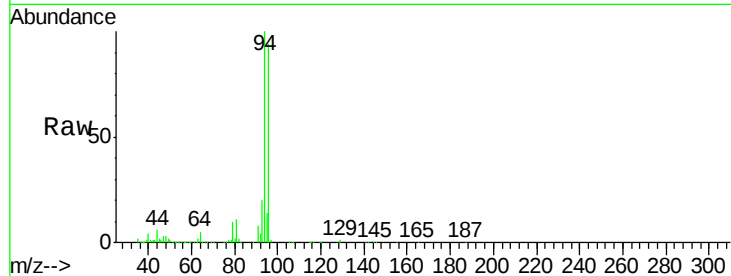
94 100

96 93.7 73.9 110.9

Manual Integrations  
APPROVED

MMDadoda

3/5/2019 9:34:30 AM



#6

Chloroethane

Concen: 19.203 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007809.D

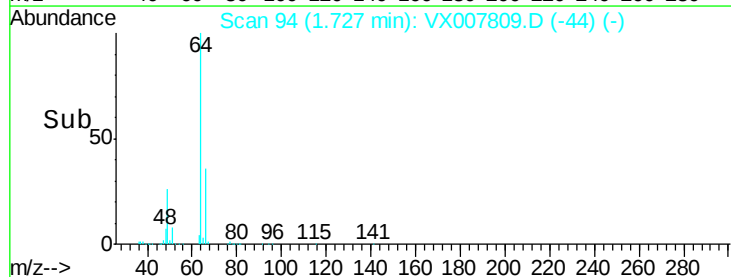
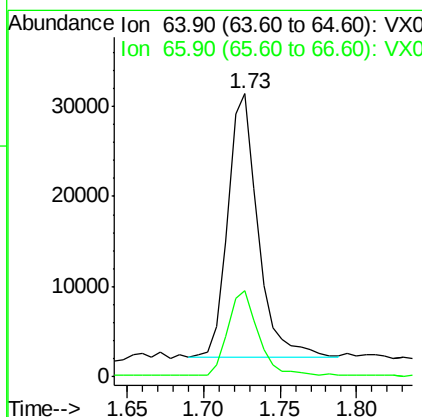
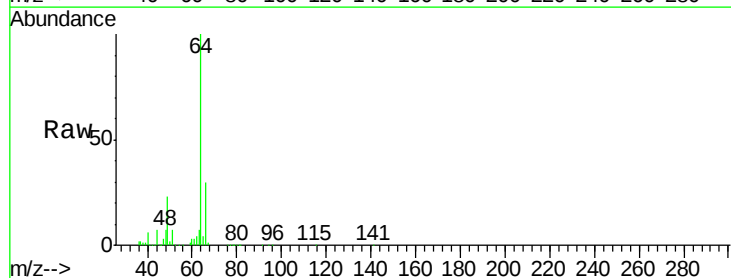
Acq: 04 Mar 2019 14:35

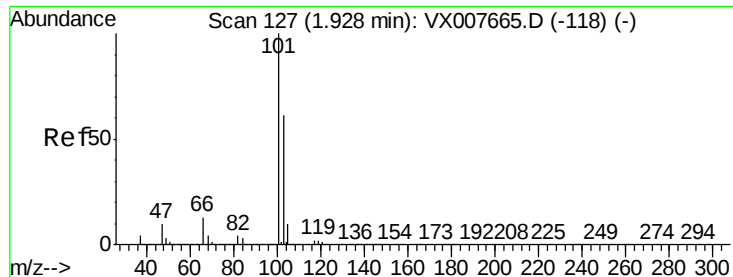
Tgt Ion: 64 Resp: 40243

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3





#7

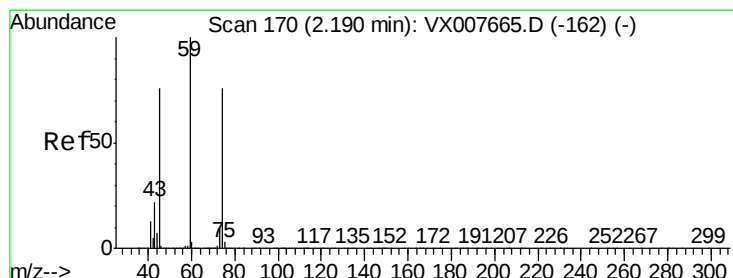
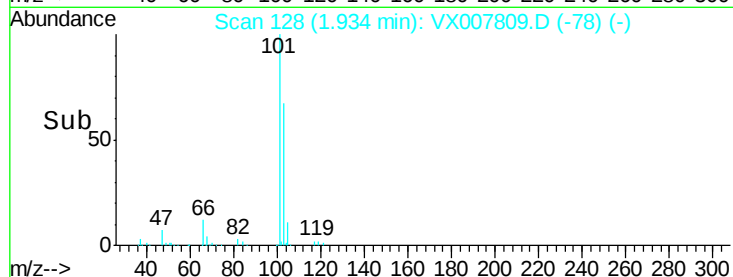
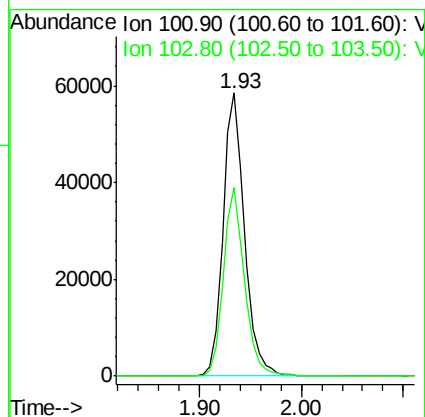
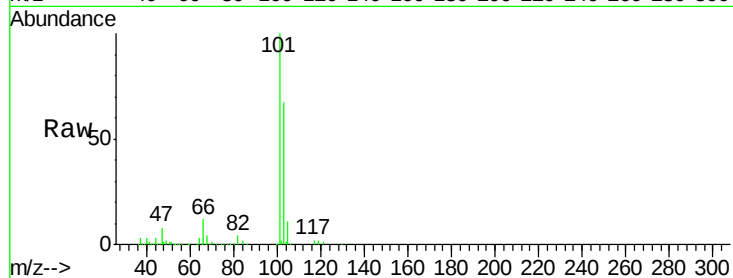
Trichlorofluoromethane  
Concen: 17.006 ug/l  
RT: 1.93 min Scan# 128  
Delta R.T. 0.01 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.6  | 52.6  | 79.0  |

Manual Integrations  
APPROVED

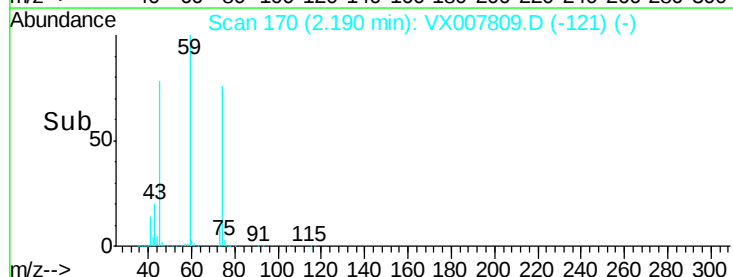
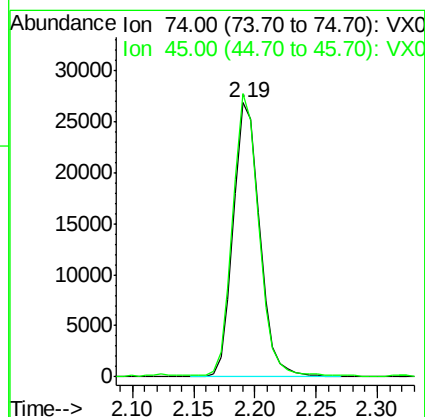
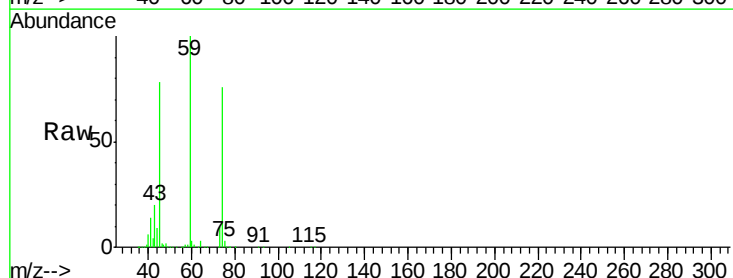
MMDadoda  
3/5/2019 9:34:30 AM



#8

Diethyl Ether  
Concen: 19.414 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 101.6 | 45.7  | 137.1 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.692 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

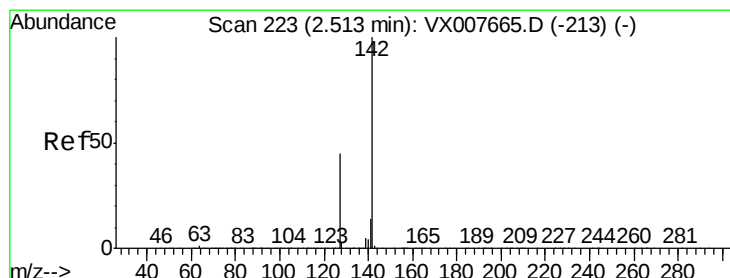
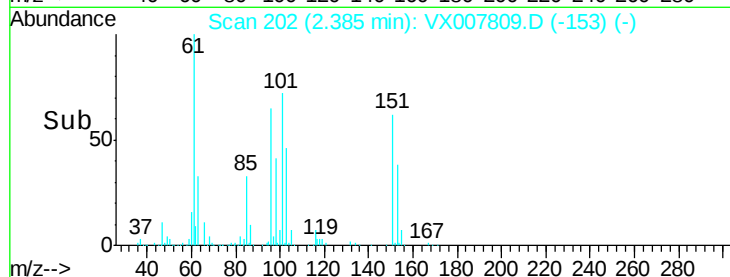
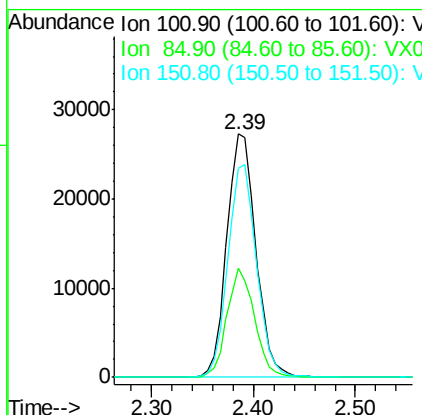
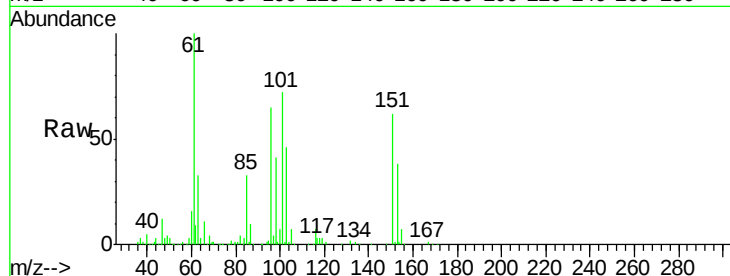
ClientSampleId :

VX0304MBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 53770 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.5  | 34.1  | 51.1  |
| 151       | 86.1  | 69.9  | 104.9 |

Manual Integrations  
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MMDadoda  
3/5/2019 9:34:30 AM



#10

Methyl Iodide

Concen: 20.454 ug/l

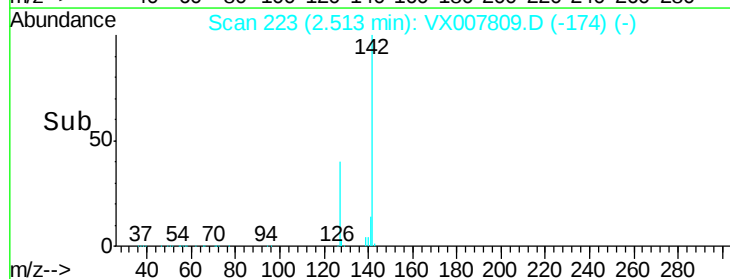
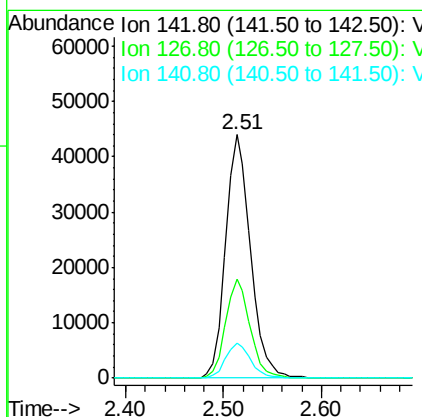
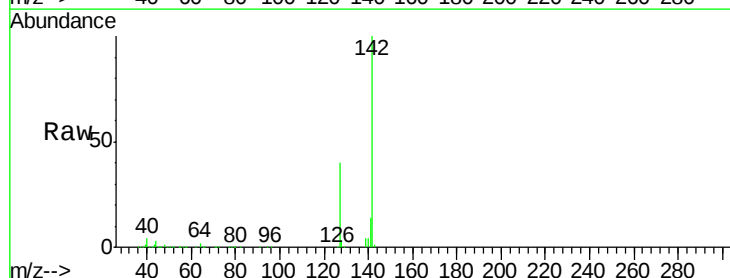
RT: 2.51 min Scan# 223

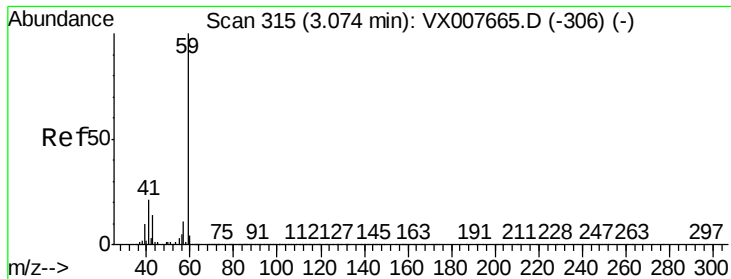
Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 77408 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 40.1  | 33.7  | 50.5  |
| 141       | 14.6  | 11.3  | 16.9  |





#11

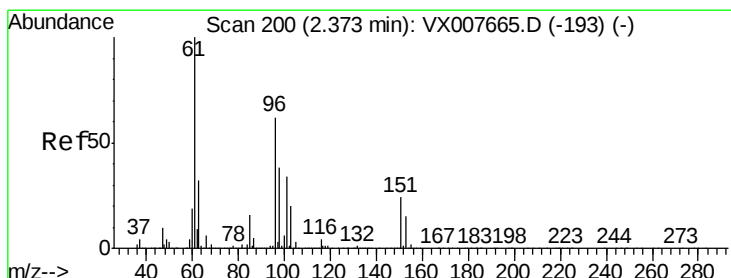
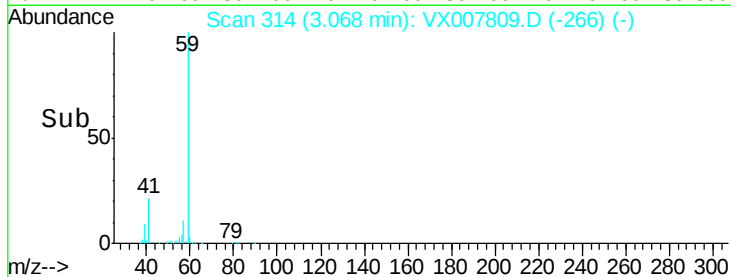
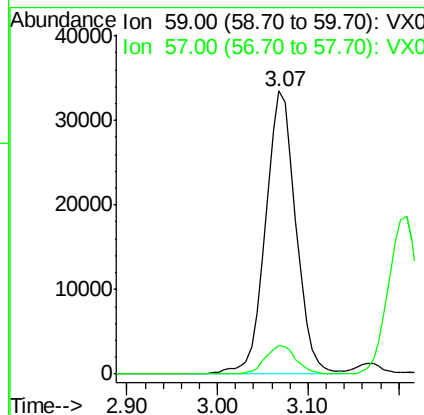
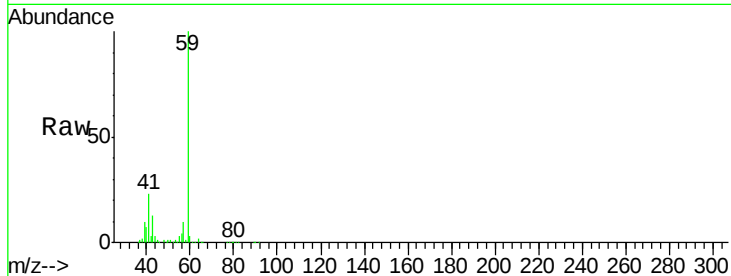
Tert butyl alcohol  
Concen: 105.571 ug/l  
RT: 3.07 min Scan# 314  
Delta R.T. -0.01 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.3  | 8.1   | 12.1  |

Manual Integrations  
APPROVED

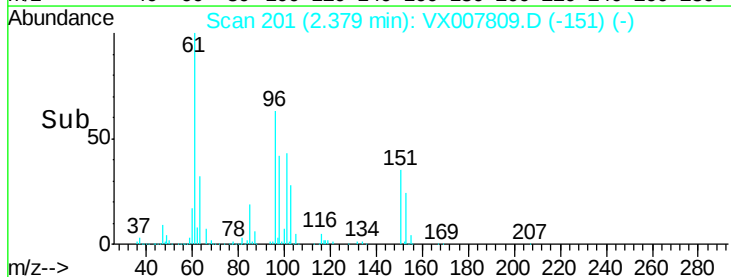
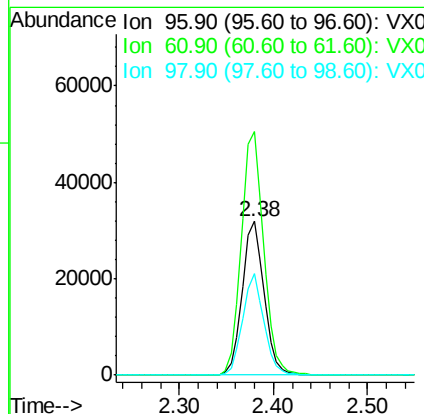
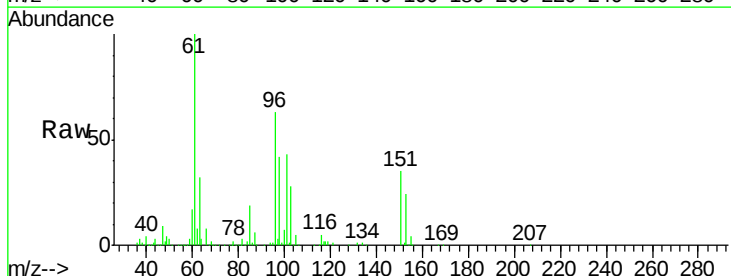
MMDadoda  
3/5/2019 9:34:30 AM

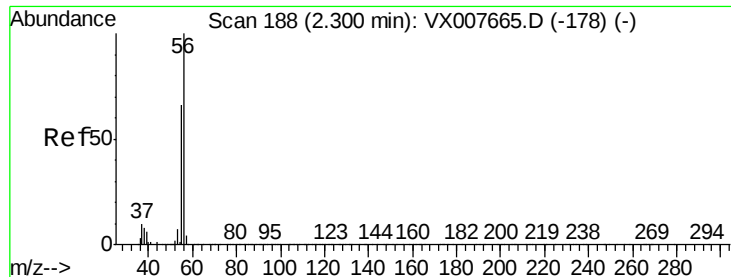


#12

1,1-Dichloroethene  
Concen: 18.954 ug/l  
RT: 2.38 min Scan# 201  
Delta R.T. 0.01 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 158.1 | 123.0 | 184.4 |
| 98      | 66.3  | 50.9  | 76.3  |





#13

Acrolein

Concen: 111.544 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0304MBS01

Tot Ion: 56 Resp: 72959

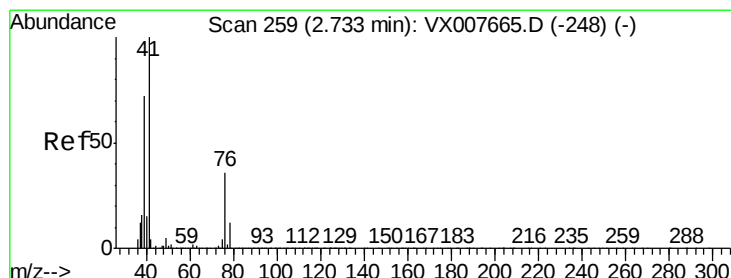
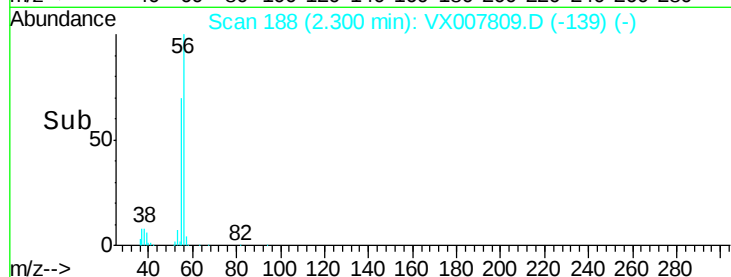
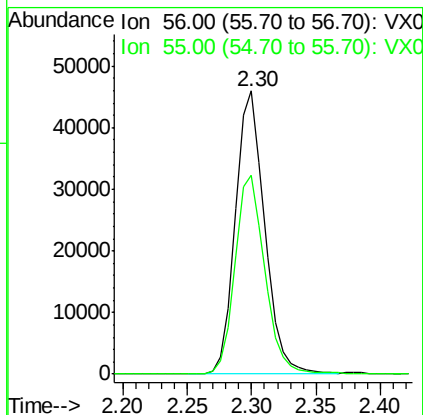
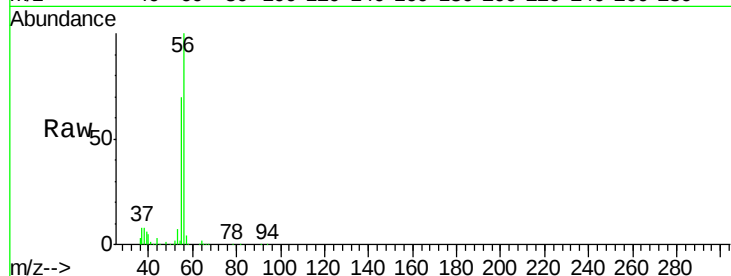
Ion Ratio Lower Upper

56 100

55 70.6 56.9 85.3

Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 9:34:30 AM



#14

Allyl chloride

Concen: 21.290 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

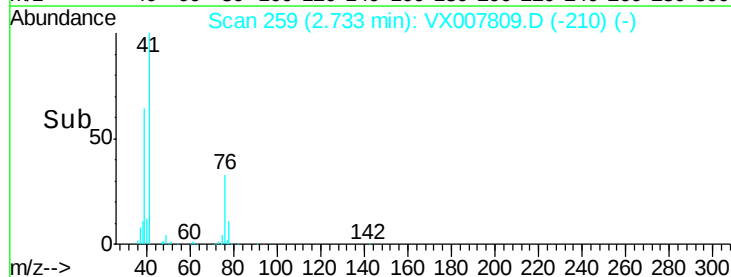
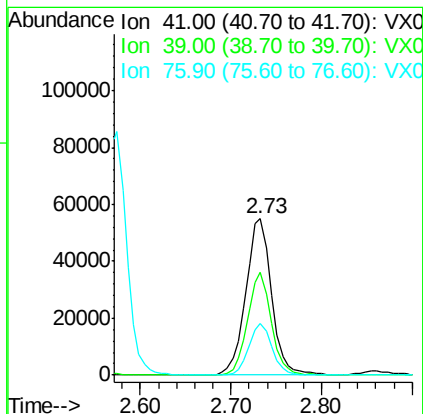
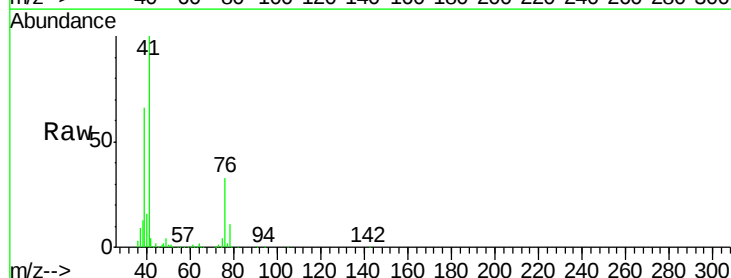
Tgt Ion: 41 Resp: 107845

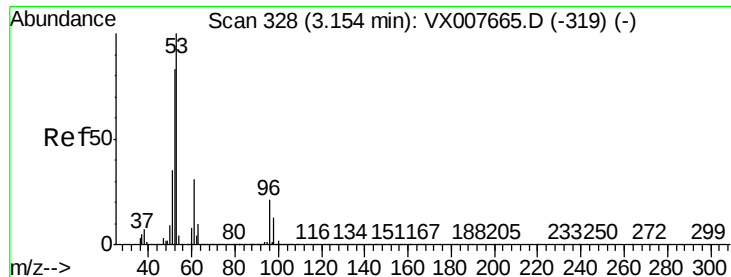
Ion Ratio Lower Upper

41 100

39 60.0 54.1 81.1

76 30.2 27.8 41.8





#15

Acrylonitrile

Concen: 106.147 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

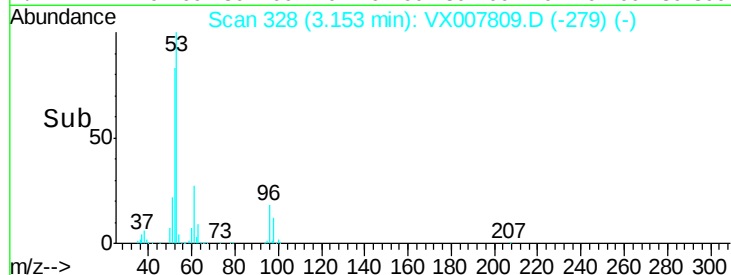
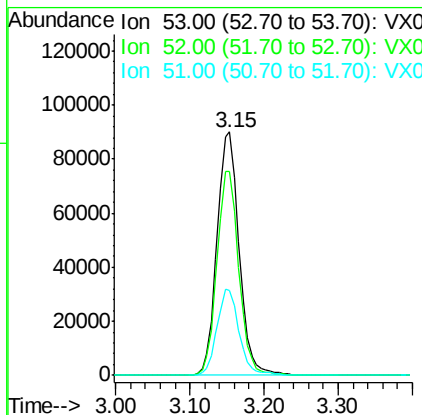
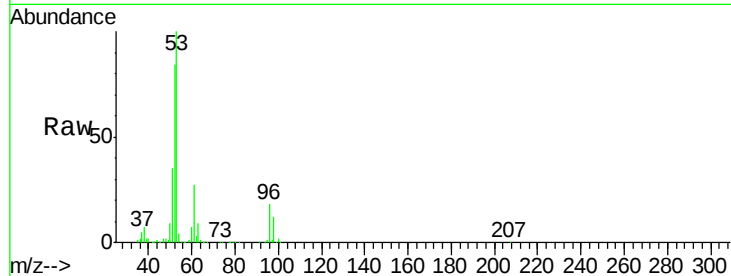
ClientSampleId :

VX0304MBS01

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 183868 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 83.3 | 66.4  | 99.6   |
| 51        | 35.6 | 28.4  | 42.6   |

Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 9:34:30 AM



#16

Acetone

Concen: 91.611 ug/l

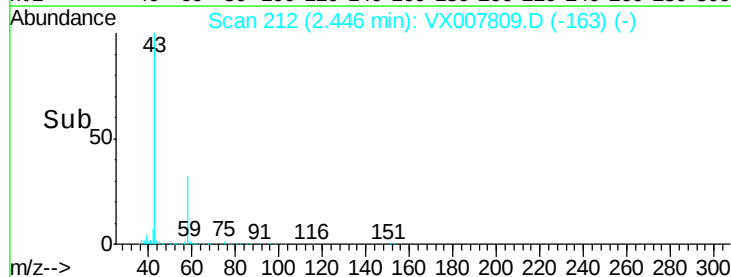
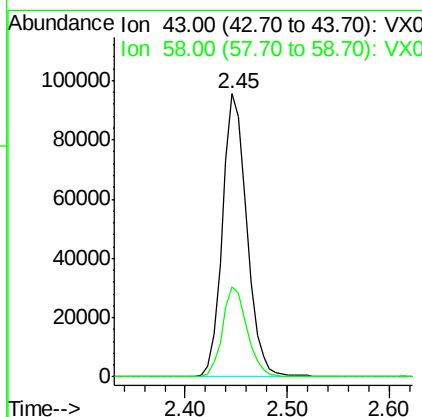
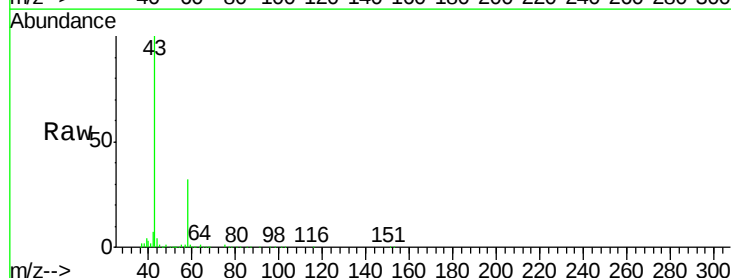
RT: 2.45 min Scan# 212

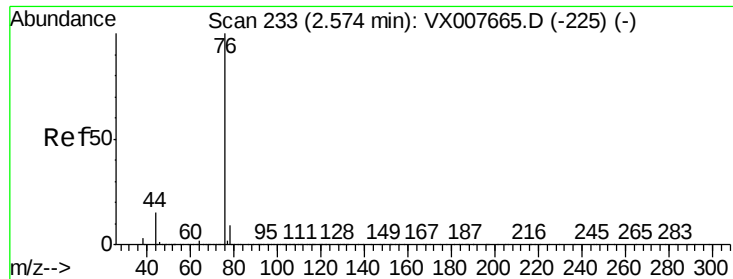
Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 158048 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 32.1 | 24.9  | 37.3   |





#17

Carbon Disulfide

Concen: 18.810 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0304MBS01

Tot Ion: 76 Resp: 143364

Ion Ratio Lower Upper

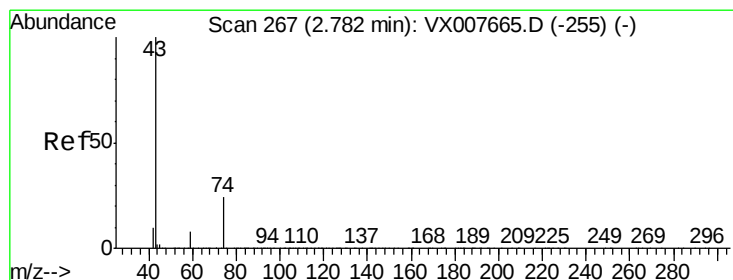
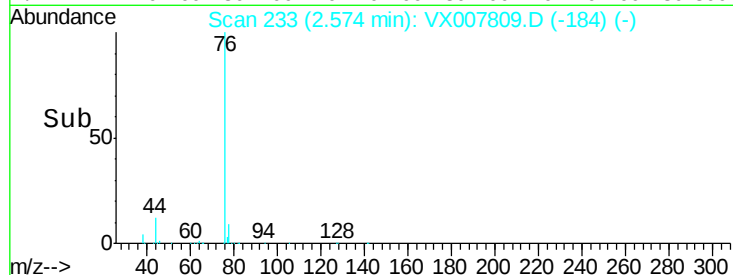
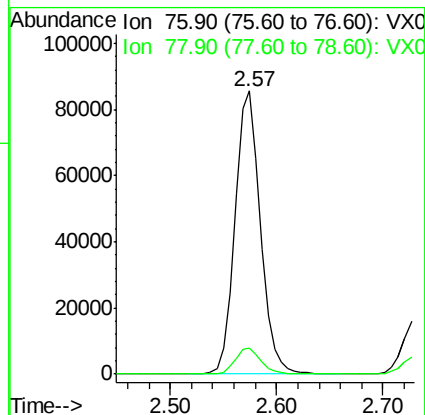
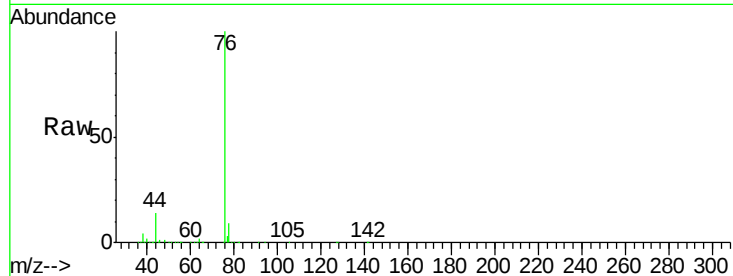
76 100

78 9.0 7.1 10.7

Manual Integrations  
APPROVED

MMDadoda

3/5/2019 9:34:30 AM



#18

Methyl Acetate

Concen: 23.448 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007809.D

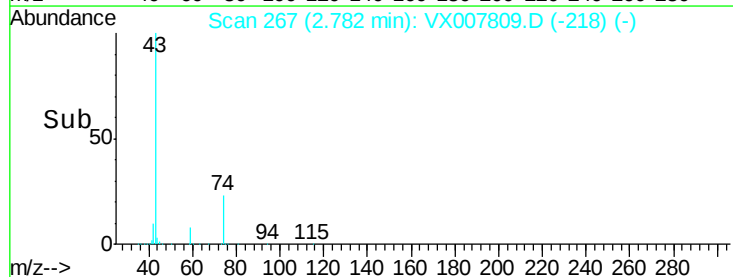
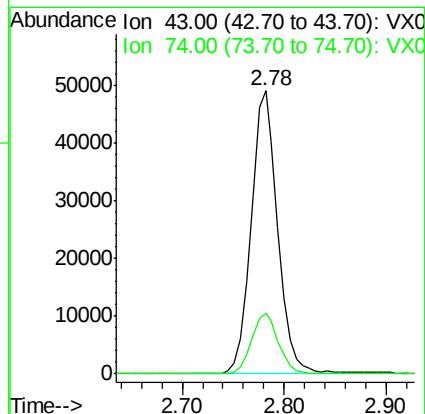
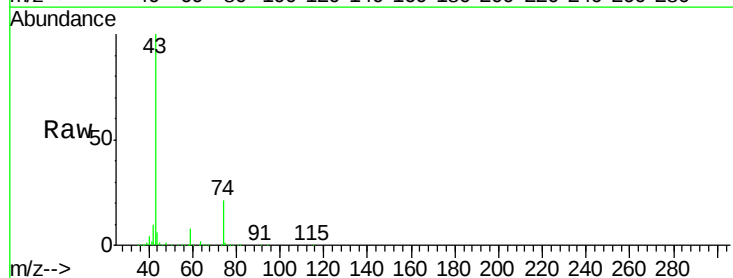
Acq: 04 Mar 2019 14:35

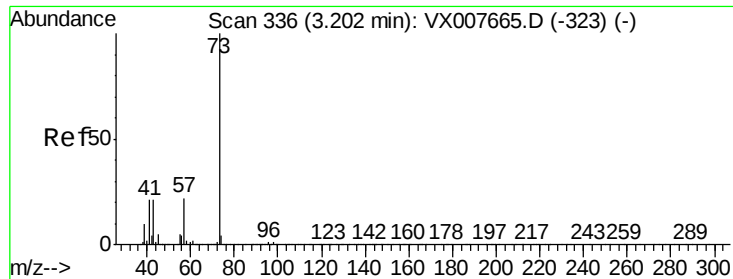
Tgt Ion: 43 Resp: 88273

Ion Ratio Lower Upper

43 100

74 22.4 19.4 29.2





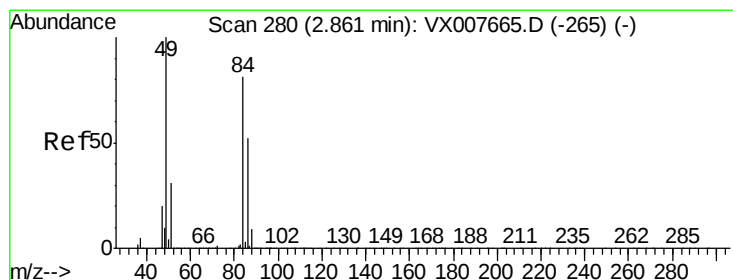
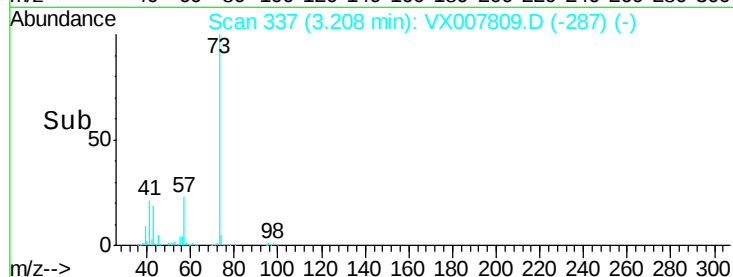
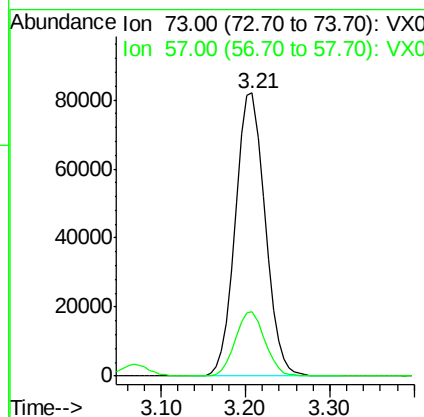
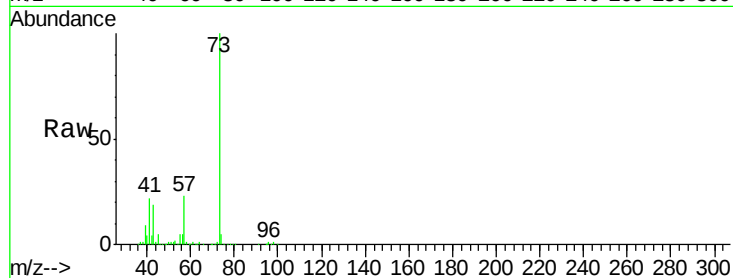
#19  
Methvl tert-butvl Ether  
Concen: 20.527 ug/l  
RT: 3.21 min Scan# 337  
Delta R.T. 0.01 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

Tot Ion: 73 Resp: 195828  
Ion Ratio Lower Upper  
73 100  
57 22.7 17.8 26.8

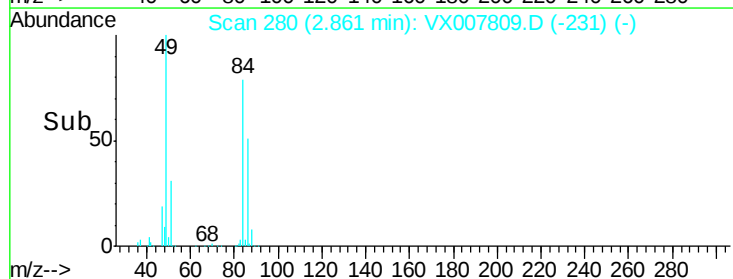
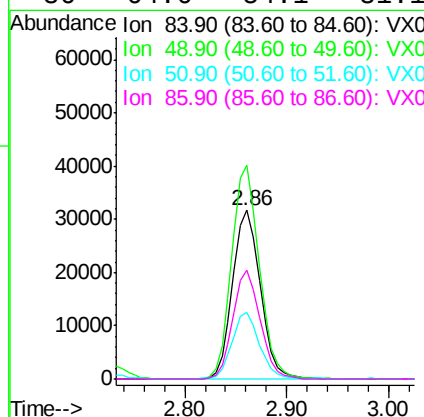
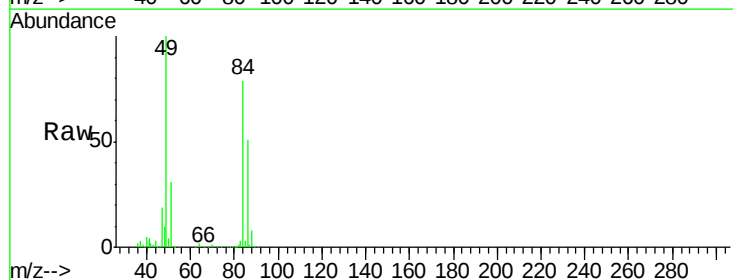
Manual Integrations  
APPROVED

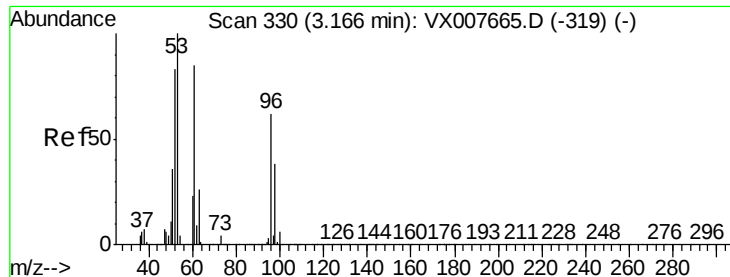
MMDadoda  
3/5/2019 9:34:30 AM



#20  
Methylene Chloride  
Concen: 18.760 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Tgt Ion: 84 Resp: 59762  
Ion Ratio Lower Upper  
84 100  
49 126.3 94.8 142.2  
51 39.2 29.8 44.8  
86 64.6 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 18.896 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

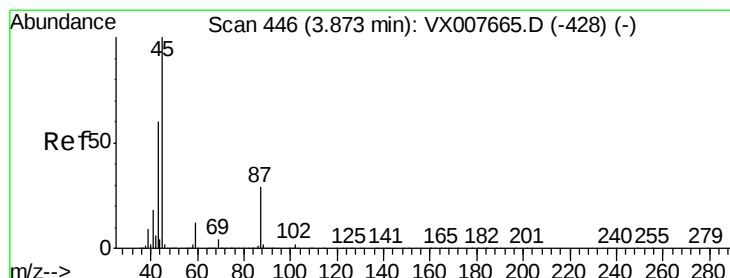
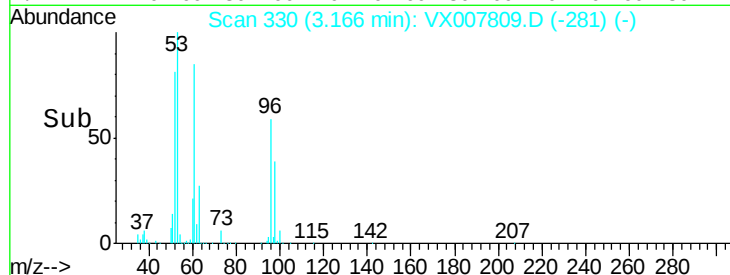
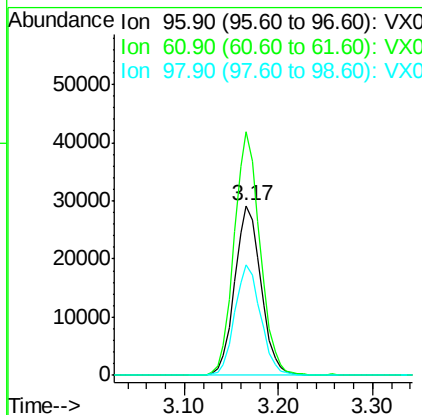
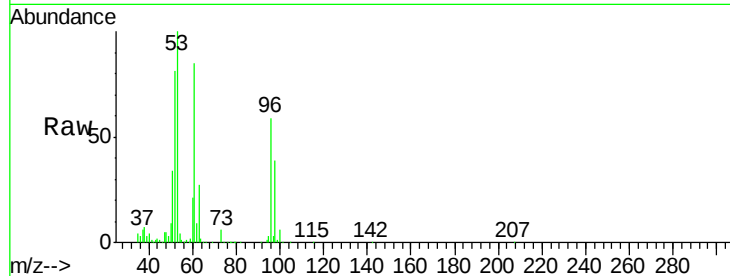
ClientSampleId :

VX0304MBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 56277 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 143.7 | 104.6 | 156.8 |
| 98       | 65.5  | 51.0  | 76.4  |

Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 9:34:30 AM



#22

Diisopropyl ether

Concen: 20.388 ug/l

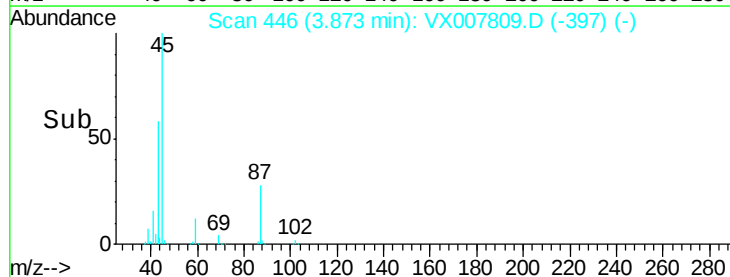
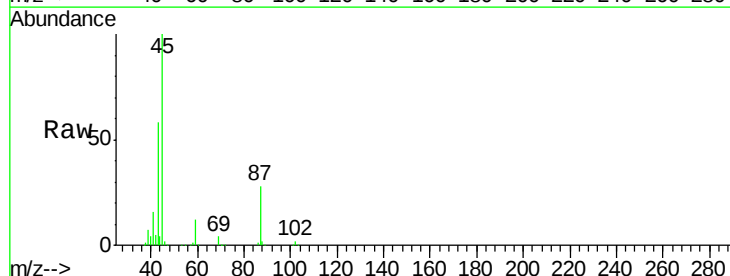
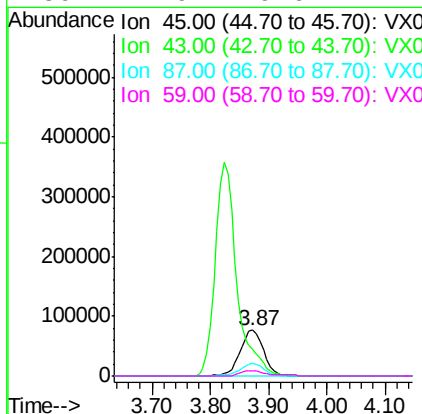
RT: 3.87 min Scan# 446

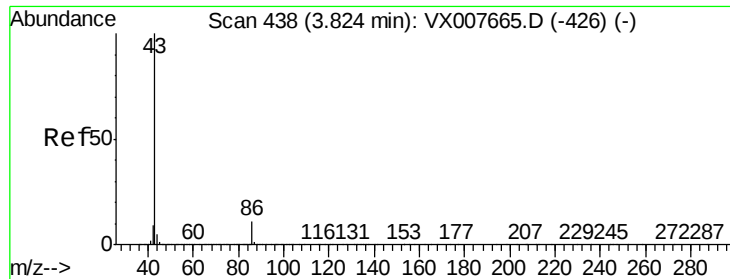
Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 214991 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 58.1  | 48.9  | 73.3   |
| 87       | 28.1  | 23.9  | 35.9   |
| 59       | 11.9  | 9.6   | 14.4   |





#23

Vinyl Acetate

Concen: 99.404 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0304MBS01

Tot Ion: 43 Resp: 919653

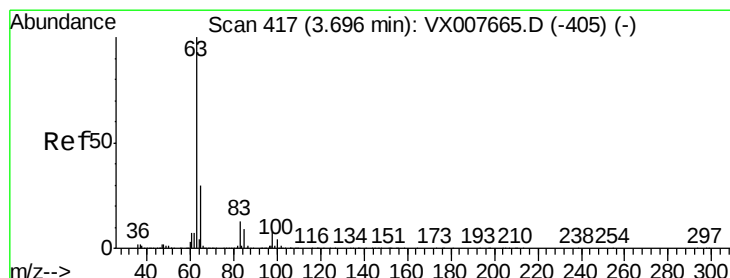
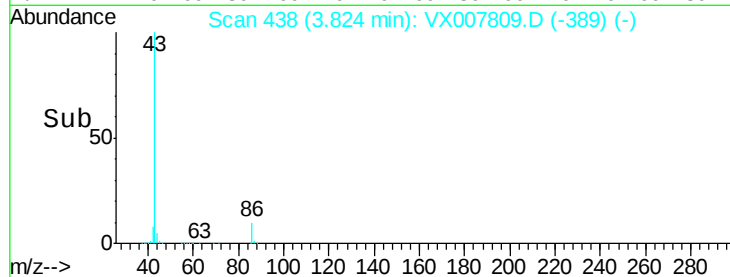
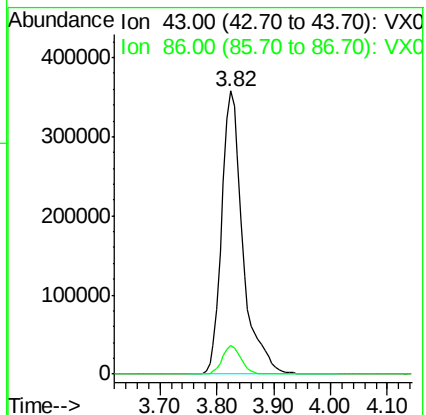
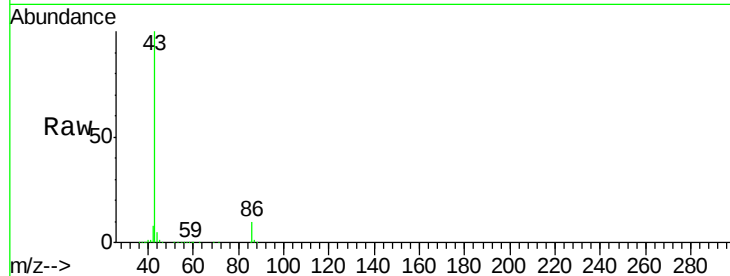
Ion Ratio Lower Upper

43 100

86 10.0 8.7 13.1

Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 9:34:30 AM



#24

1,1-Dichloroethane

Concen: 19.598 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

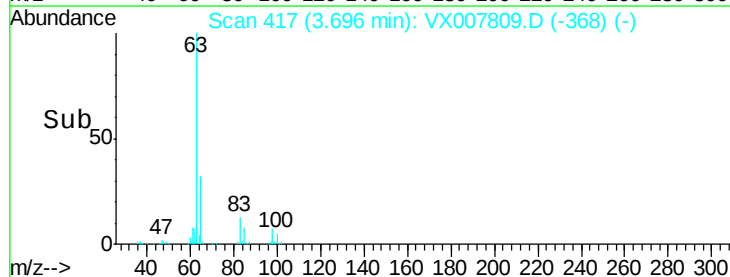
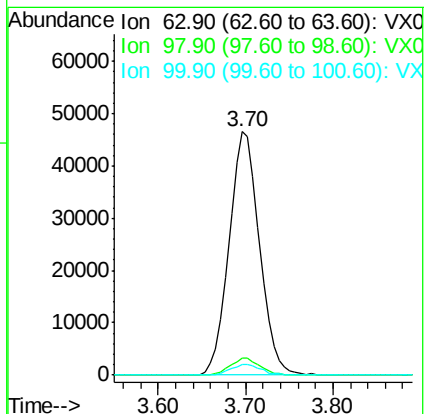
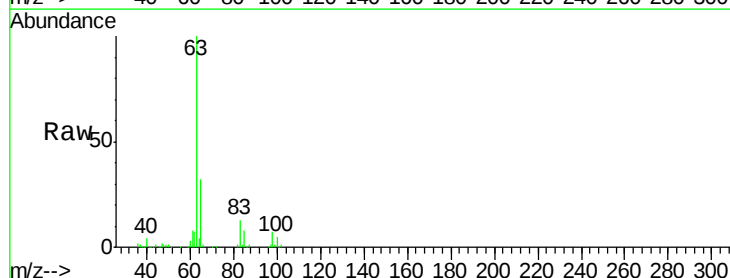
Tgt Ion: 63 Resp: 112313

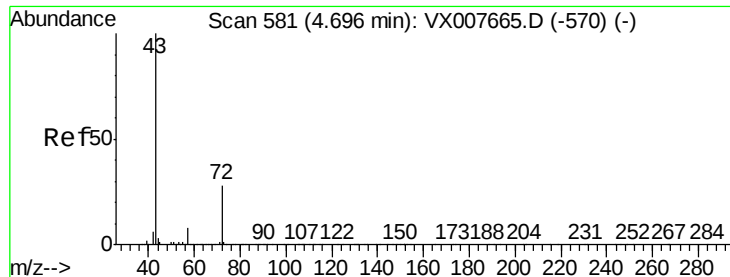
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 100.585 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0304MBS01

Tot Ion: 43 Resp: 264330

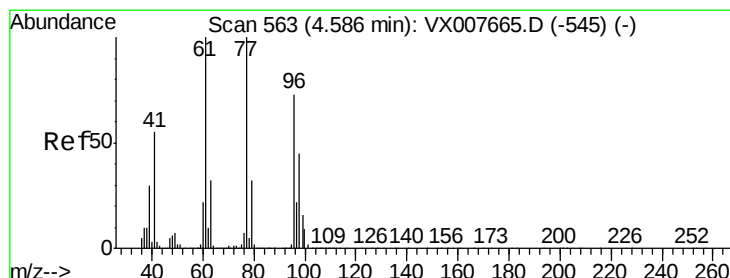
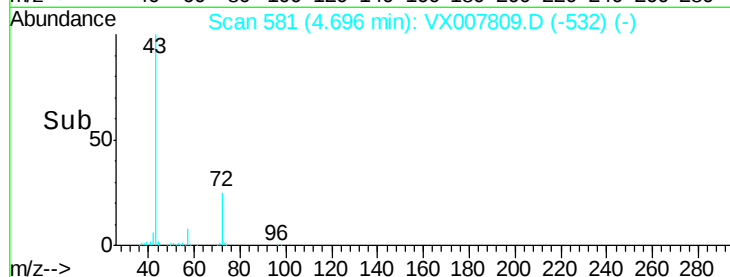
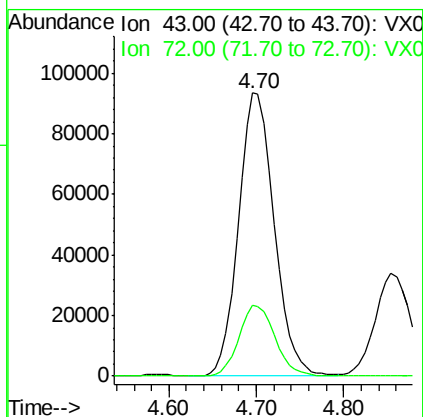
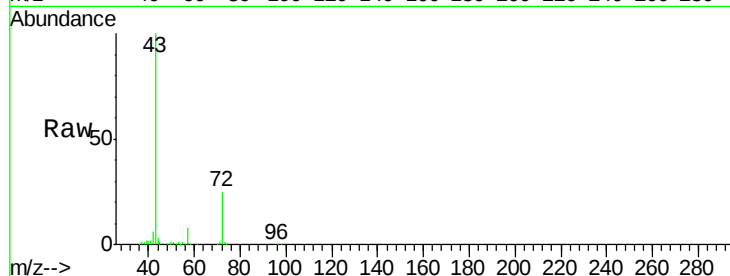
Ion Ratio Lower Upper

43 100

72 24.8 22.2 33.2

Manual Integrations  
APPROVED

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#26

2,2-Dichloropropane

Concen: 16.690 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX007809.D

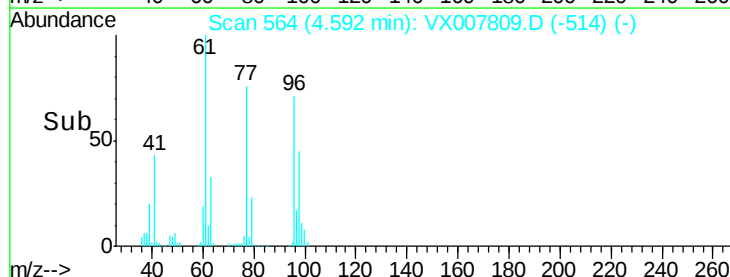
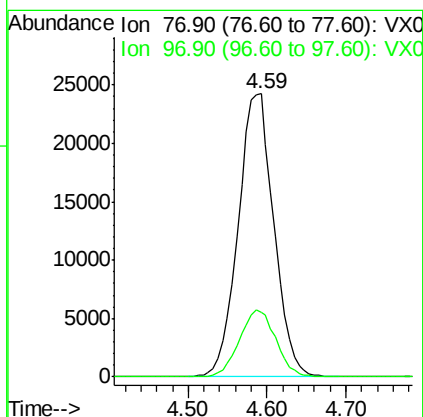
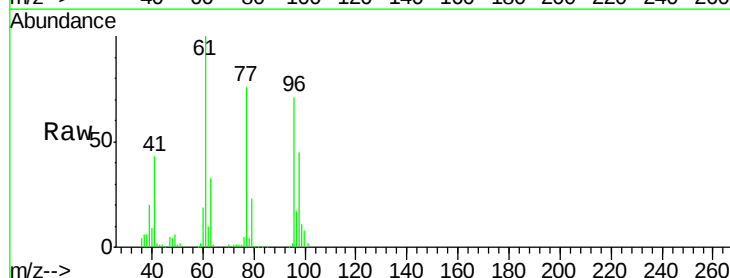
Acq: 04 Mar 2019 14:35

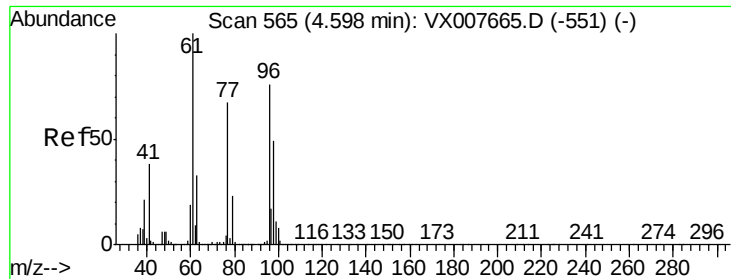
Tgt Ion: 77 Resp: 76351

Ion Ratio Lower Upper

77 100

97 24.1 12.1 36.3





#27

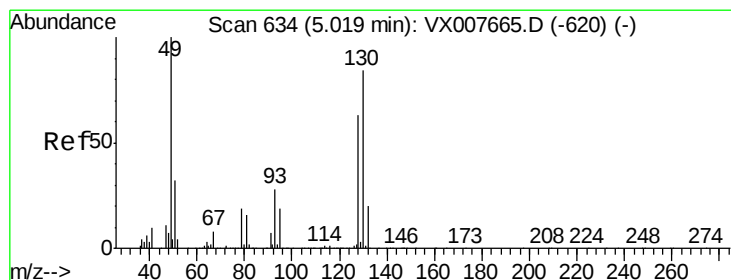
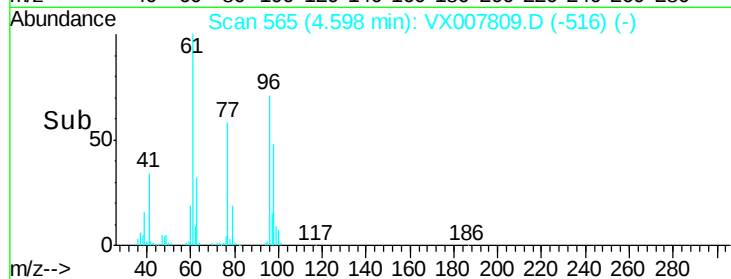
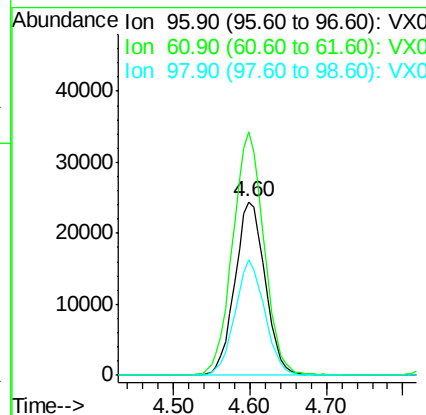
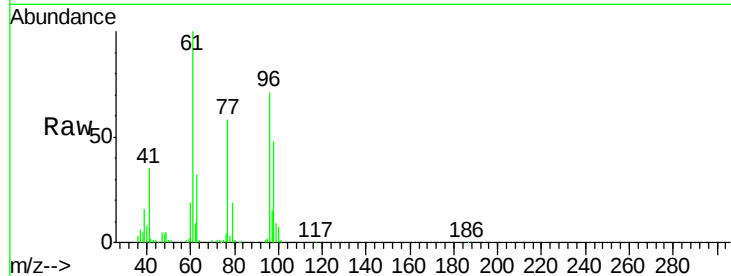
cis-1,2-Dichloroethene  
Concen: 17.720 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 144.3 | 0.0   | 265.6 |
| 98      | 65.2  | 0.0   | 131.6 |

Manual Integrations  
APPROVED

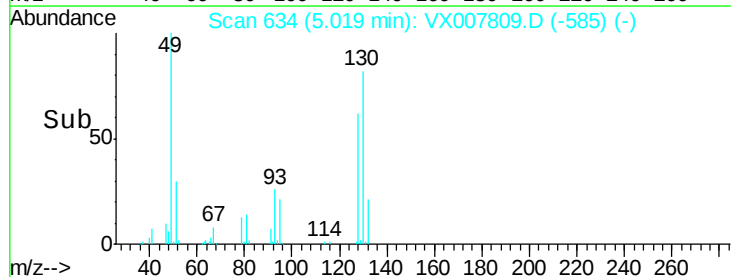
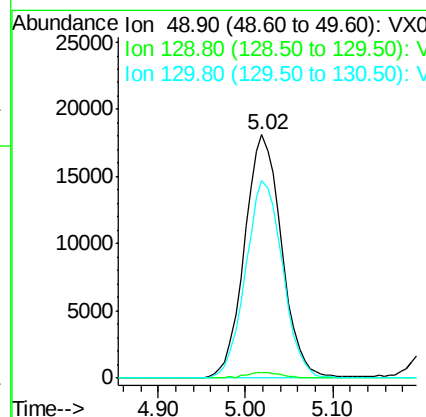
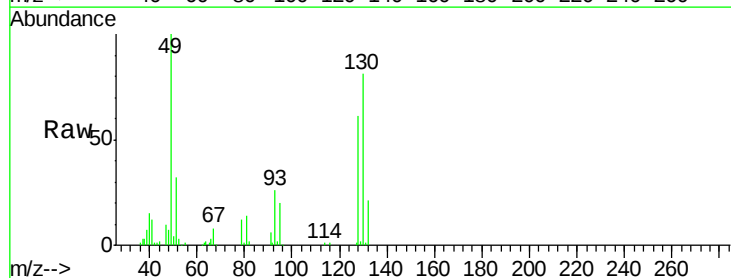
MMDadoda  
3/5/2019 9:34:30 AM

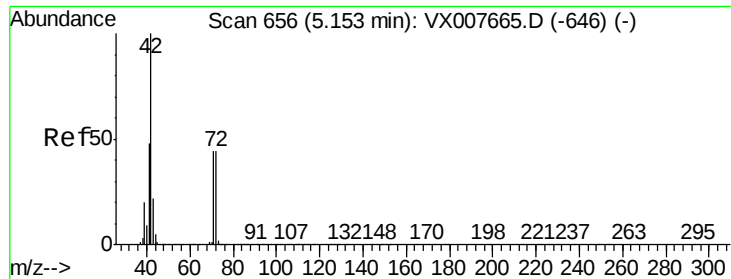


#28

Bromochloromethane  
Concen: 19.130 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.1   | 0.0   | 5.6   |
| 130     | 81.0  | 75.6  | 113.4 |





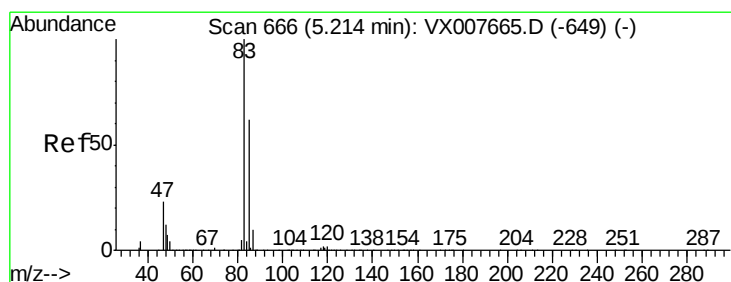
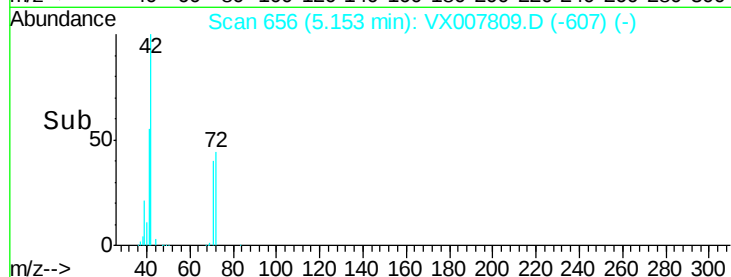
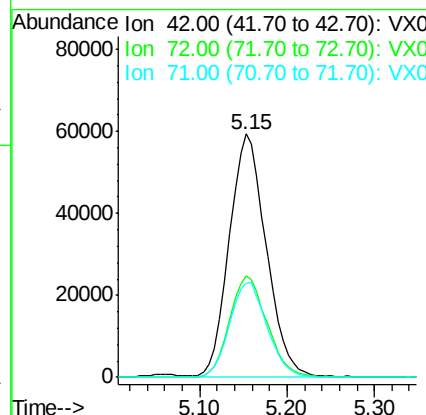
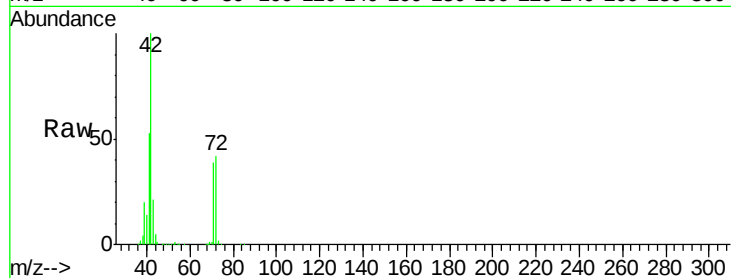
#29  
Tetrahydrofuran  
Concen: 100.243 ug/l  
RT: 5.15 min Scan# 656  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.6  | 37.6  | 56.4  |
| 71      | 40.1  | 34.6  | 51.8  |

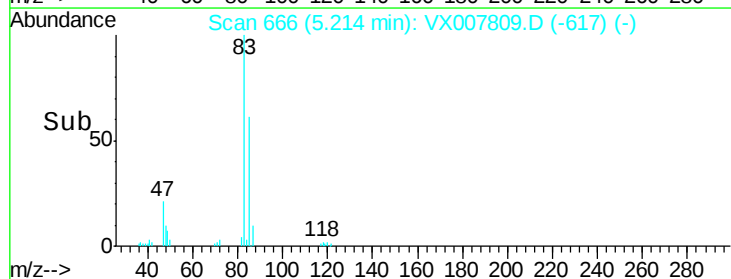
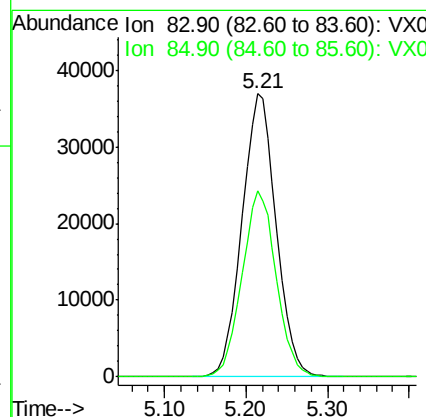
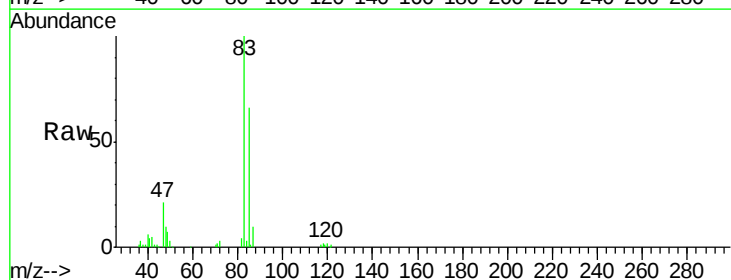
Manual Integrations  
APPROVED

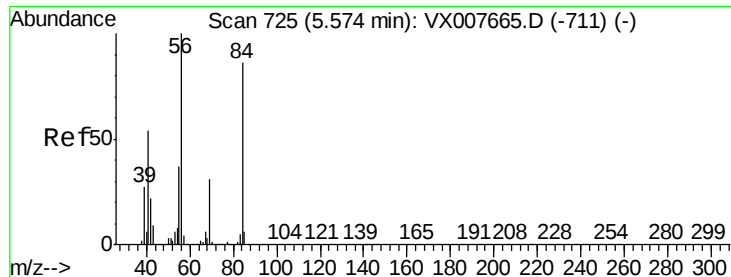
MMDadoda  
3/5/2019 9:34:30 AM



#30  
Chloroform  
Concen: 17.443 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.9  | 51.6  | 77.4  |





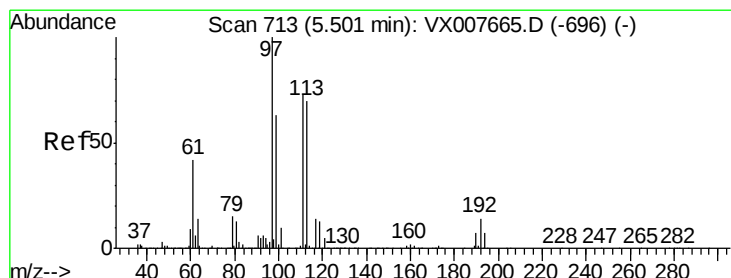
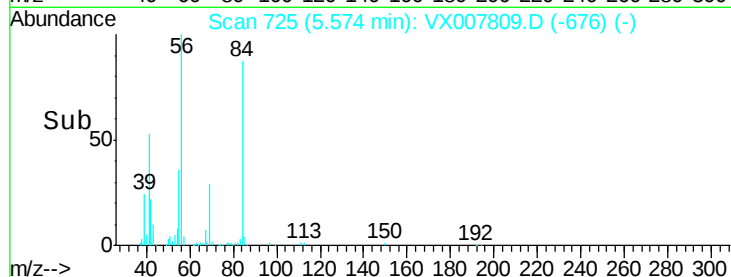
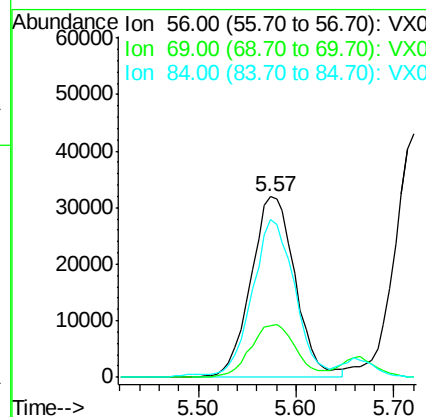
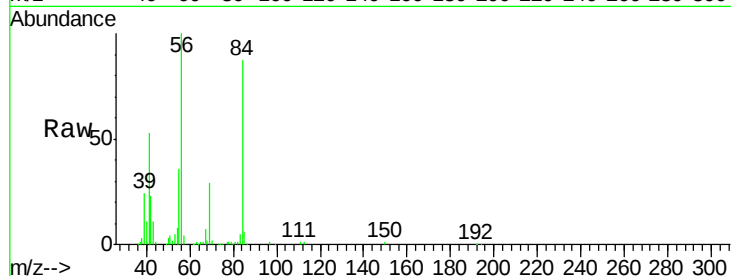
#31  
Cyclohexane  
Concen: 18.614 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 28.9  | 23.0  | 34.6  |
| 84      | 85.6  | 69.8  | 104.6 |

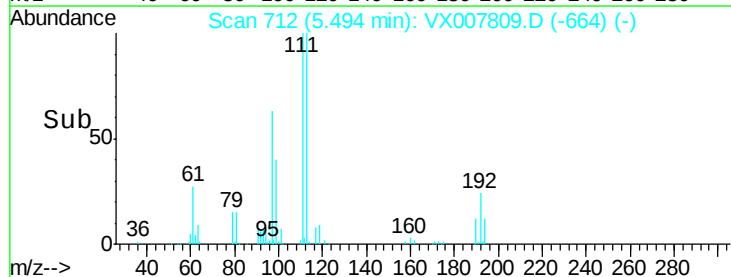
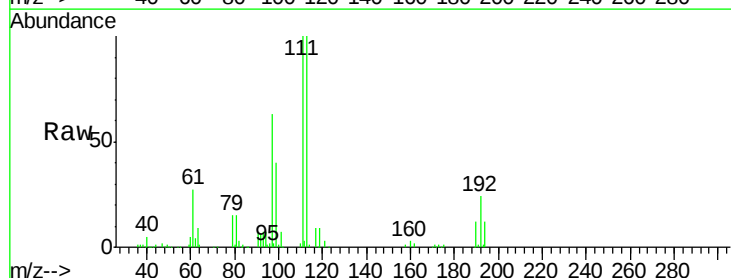
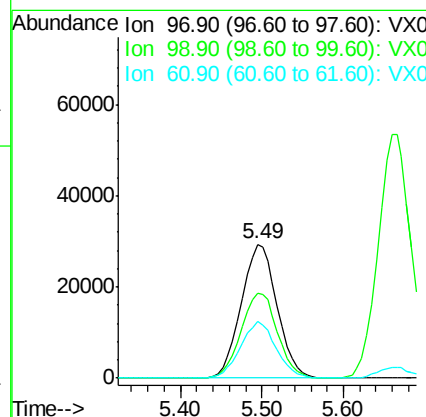
Manual Integrations  
APPROVED

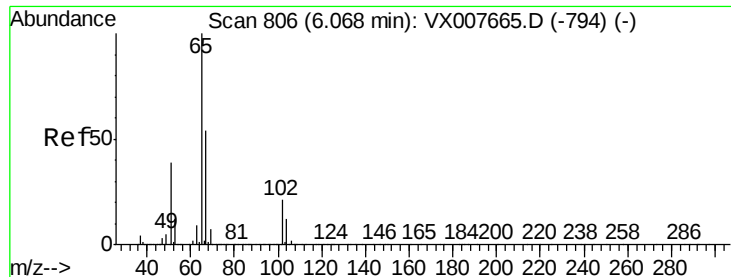
MMDadoda  
3/5/2019 9:34:30 AM



#32  
1,1,1-Trichloroethane  
Concen: 17.556 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.01 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.8  | 52.2  | 78.2  |
| 61      | 42.1  | 32.7  | 49.1  |





#33

1,2-Dichloroethane-d4

Concen: 42.987 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0304MBS01

Tot Ion: 65 Resp: 166766

Ion Ratio Lower Upper

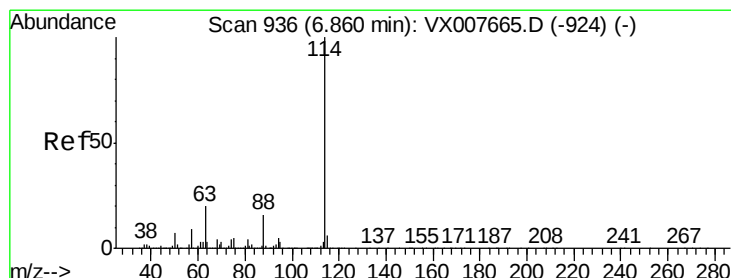
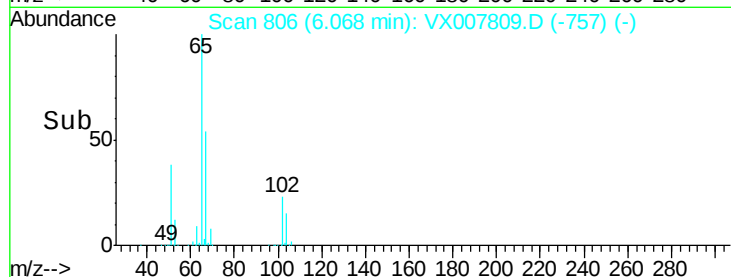
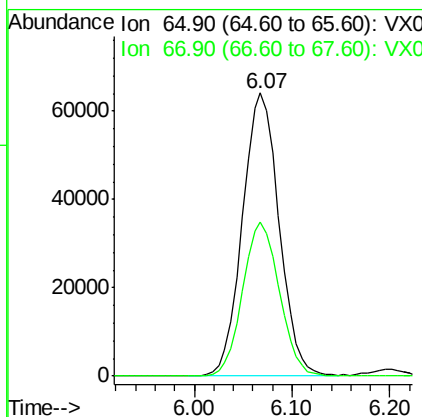
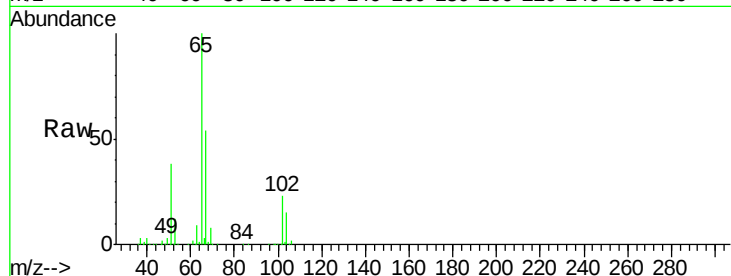
65 100

67 54.5 0.0 108.8

Manual Integrations  
APPROVED

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3/5/2019 9:34:30 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

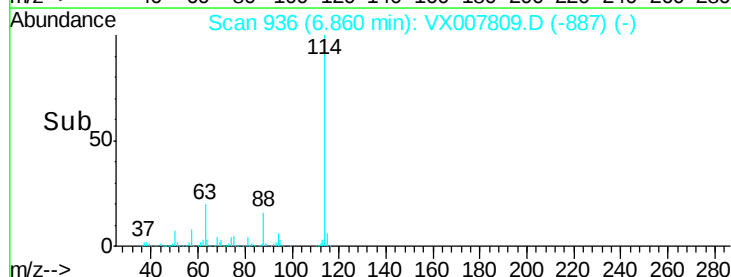
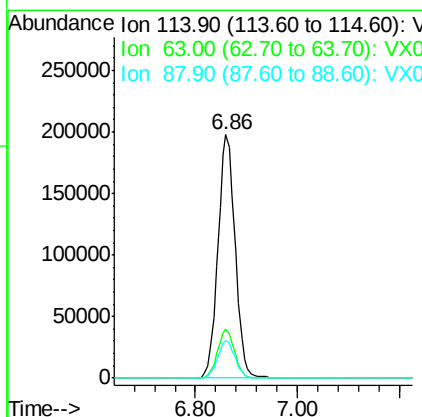
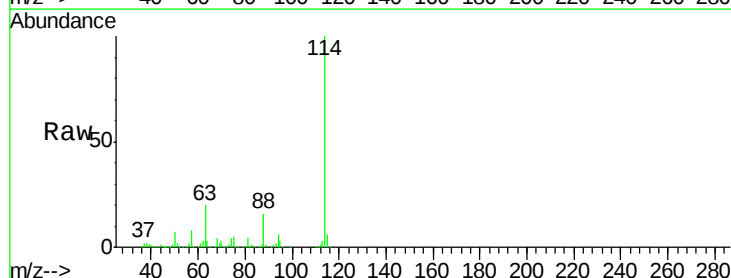
Tgt Ion: 114 Resp: 463653

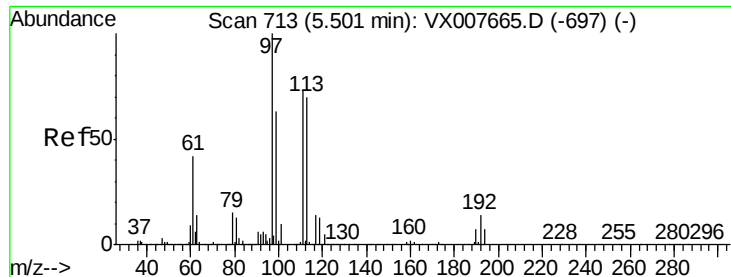
Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.6

88 15.7 0.0 29.6





#35

Dibromofluoromethane

Concen: 47.136 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

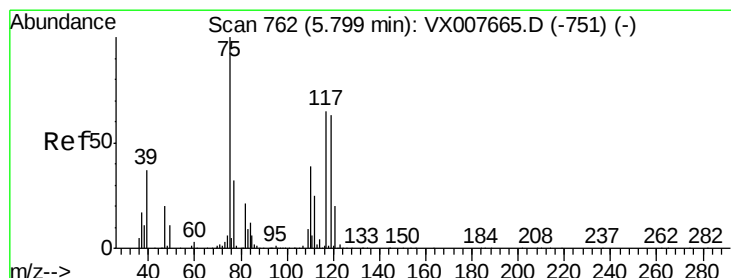
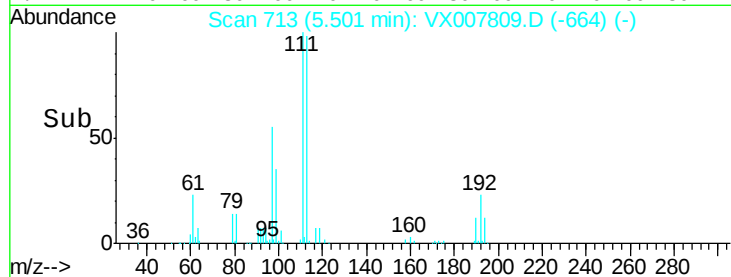
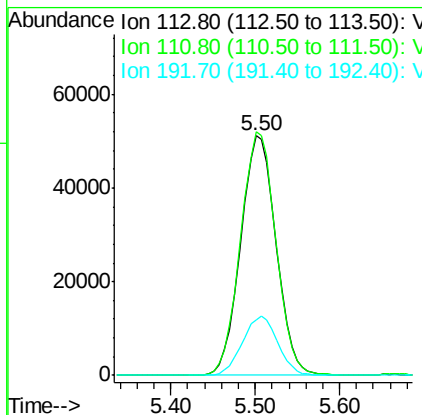
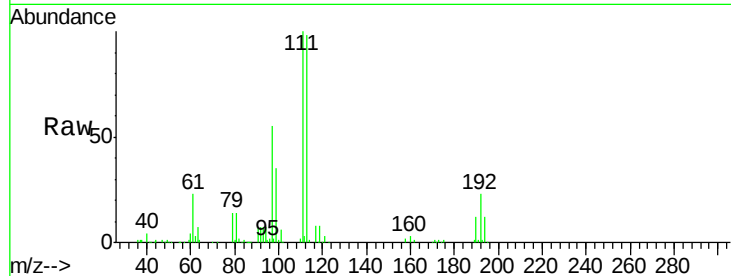
ClientSampleId :

VX0304MBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 146092 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.4 | 81.8  | 122.8  |
| 192       | 24.7  | 18.5  | 27.7   |

Manual Integrations  
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3/5/2019 9:34:30 AM



#36

1,1-Dichloropropene

Concen: 19.025 ug/l

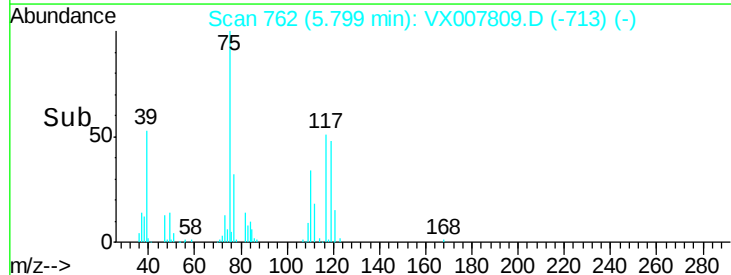
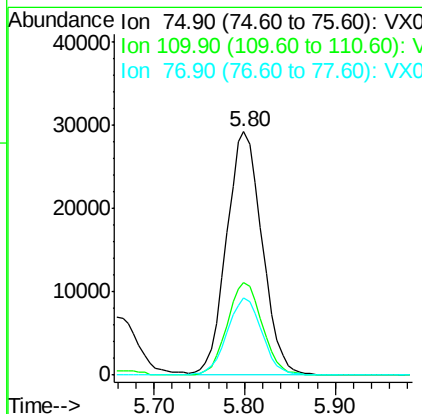
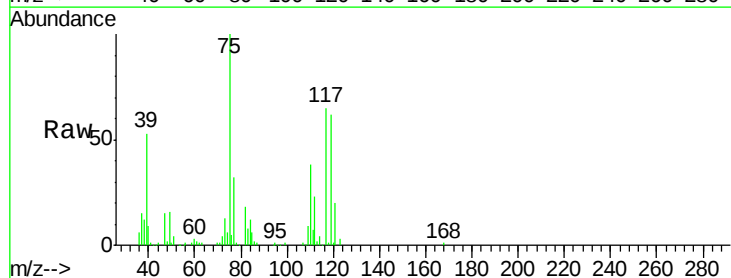
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 79302 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 37.8  | 20.0  | 59.9  |
| 77        | 31.4  | 24.7  | 37.1  |





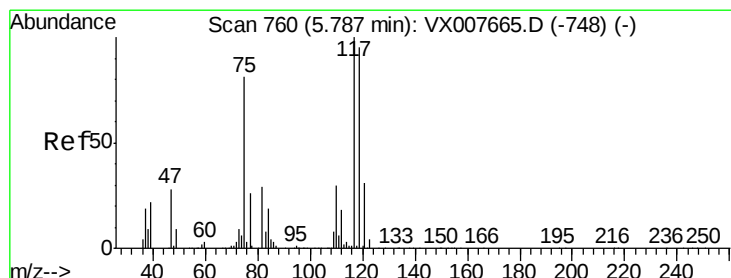
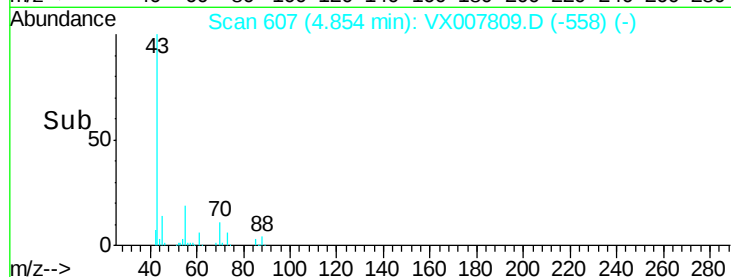
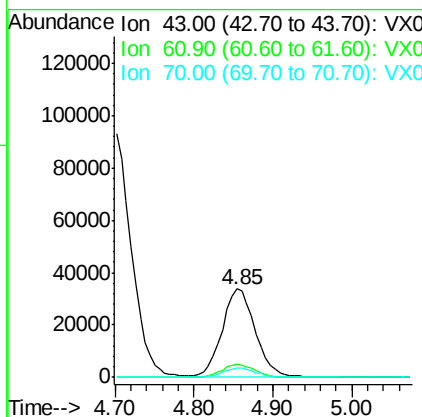
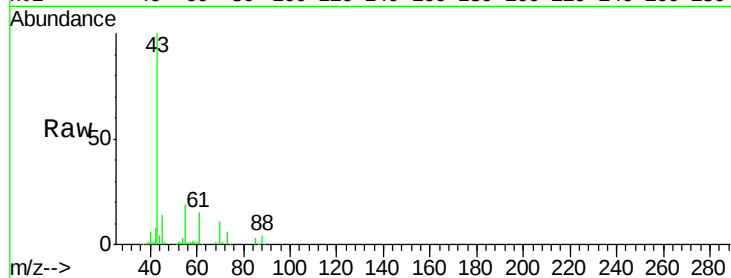
#37  
Ethyl Acetate  
Concen: 21.102 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.7  | 11.3  | 16.9  |
| 70      | 11.1  | 8.6   | 13.0  |

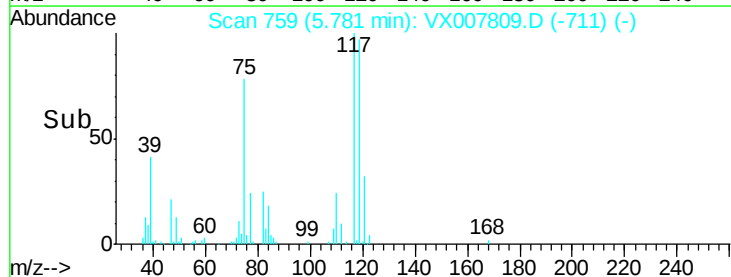
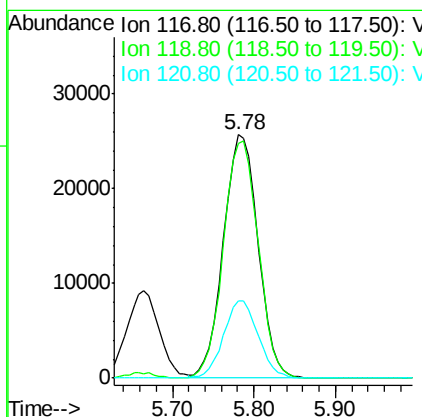
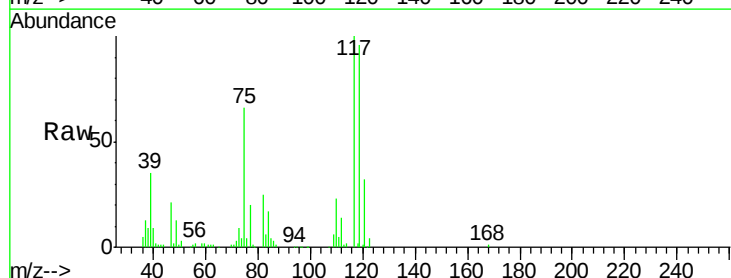
Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 9:34:30 AM



#38  
Carbon Tetrachloride  
Concen: 18.072 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.01 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.2  | 75.3  | 112.9 |
| 121     | 31.9  | 25.0  | 37.4  |





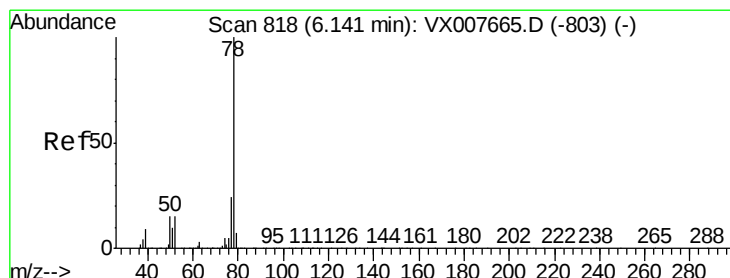
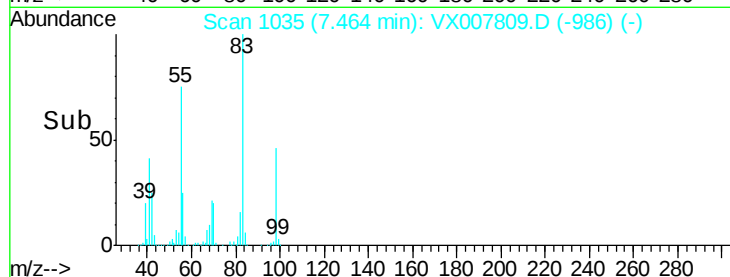
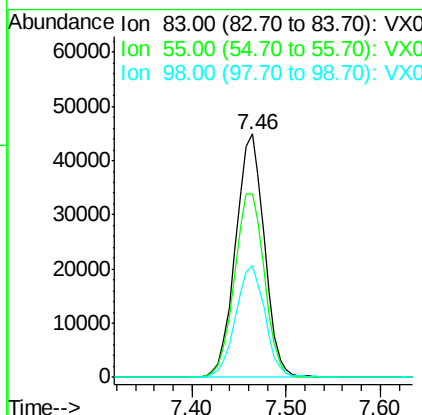
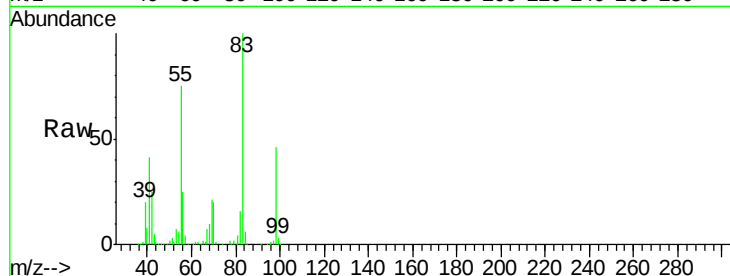
#39  
Methvlcvclohexane  
Concen: 18.194 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 75.2  | 56.2  | 84.2  |
| 98      | 45.7  | 36.8  | 55.2  |

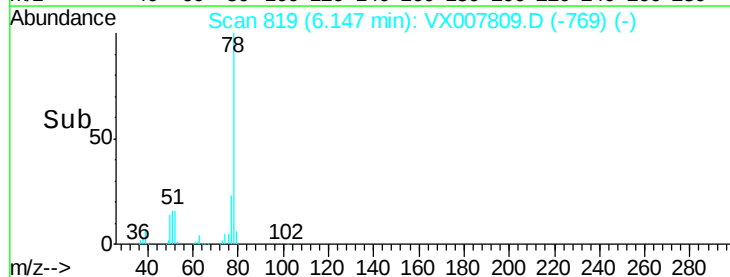
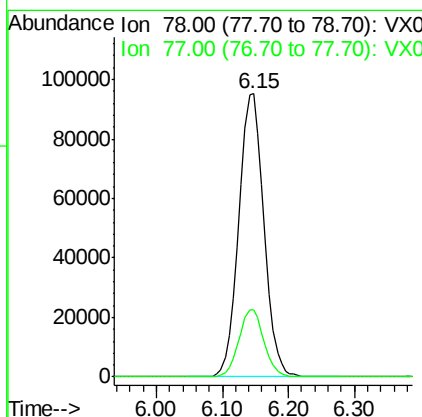
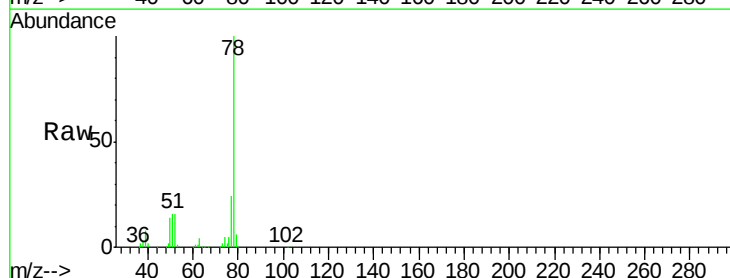
Manual Integrations  
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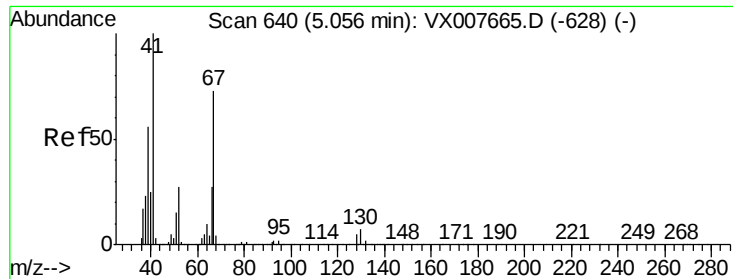
MMDadoda  
3/5/2019 9:34:30 AM



#40  
Benzene  
Concen: 19.568 ug/l  
RT: 6.15 min Scan# 819  
Delta R.T. 0.01 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.8  | 19.3  | 28.9  |





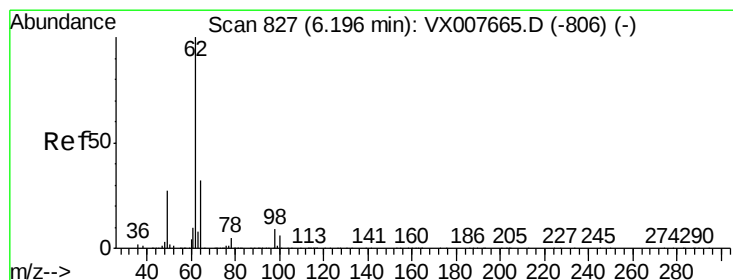
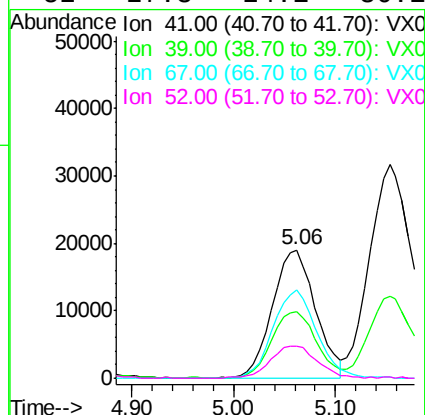
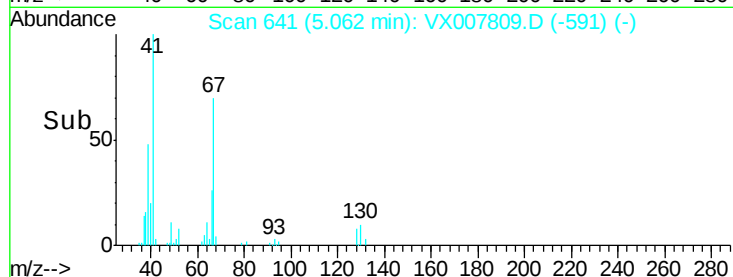
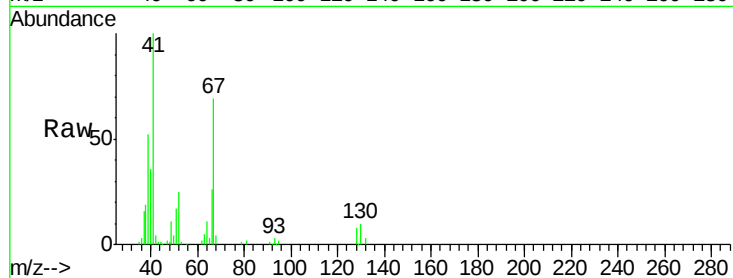
#41  
Methacrylonitrile  
Concen: 22.700 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. 0.01 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 54.4 | 44.5  | 66.7  |       |
| 67      | 69.7 | 60.4  | 90.6  |       |
| 52      | 27.3 | 24.1  | 36.1  |       |

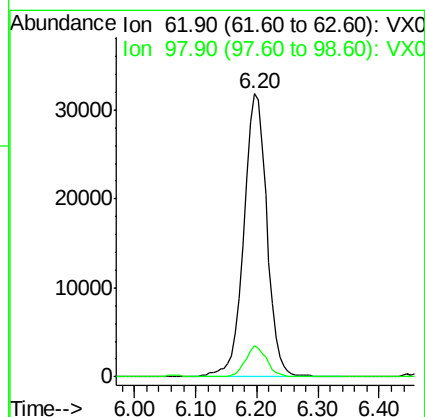
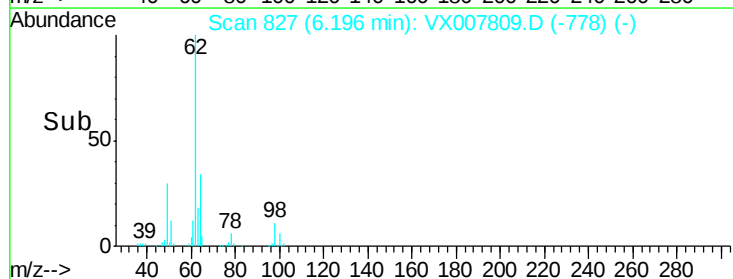
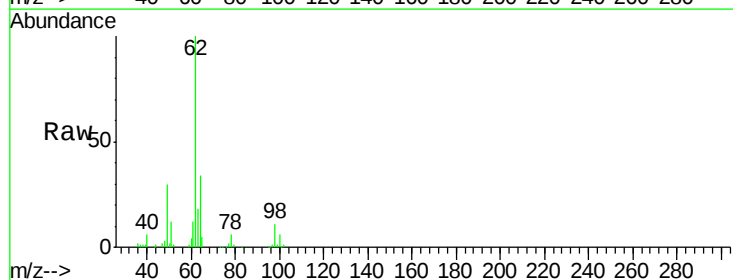
Manual Integrations  
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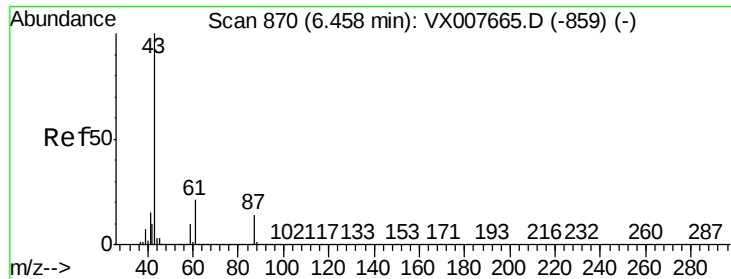
MMDadoda  
3/5/2019 9:34:30 AM



#42  
1,2-Dichloroethane  
Concen: 19.294 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

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





#43

Isopropyl Acetate

Concen: 21.363 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

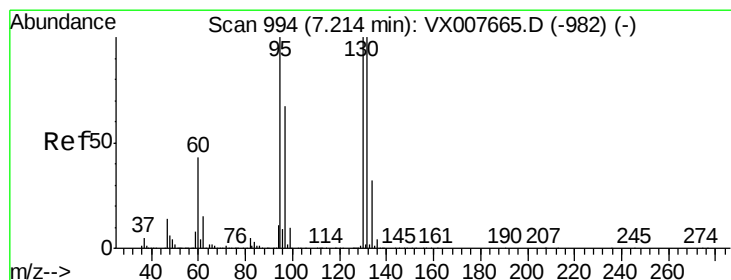
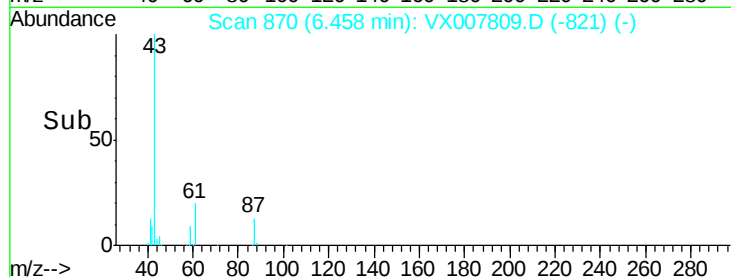
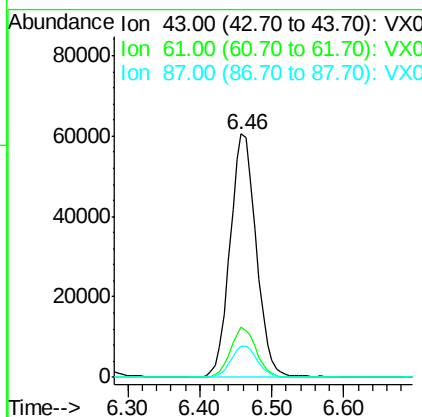
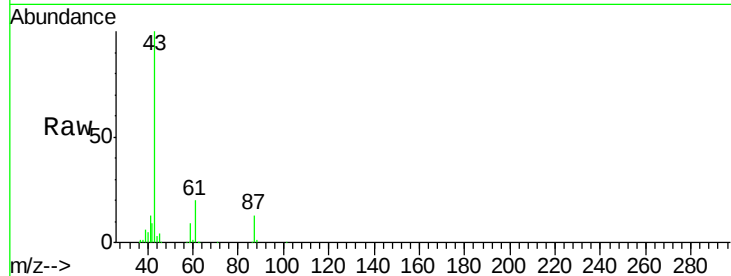
ClientSampleId :

VX0304MBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 152246 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 20.4  | 16.1  | 24.1   |
| 87       | 13.1  | 11.5  | 17.3   |

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#44

Trichloroethene

Concen: 19.327 ug/l

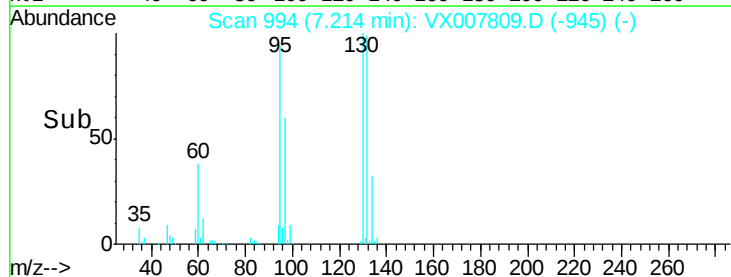
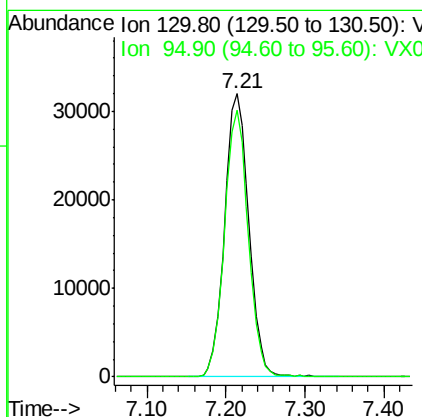
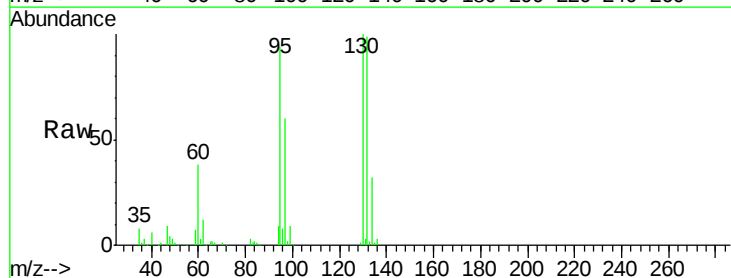
RT: 7.21 min Scan# 994

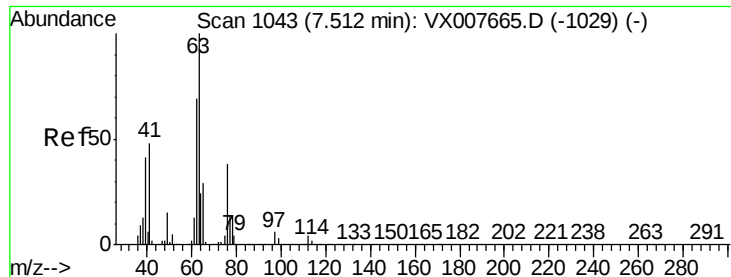
Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 68414 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 94.3  | 0.0   | 180.0 |





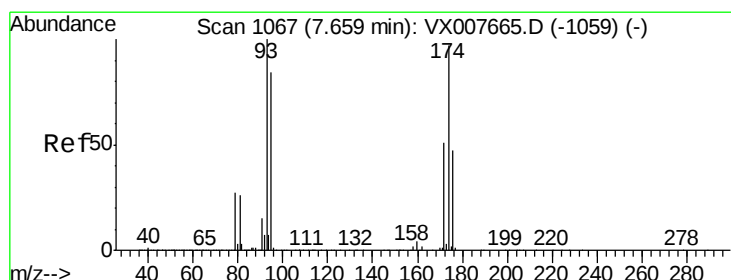
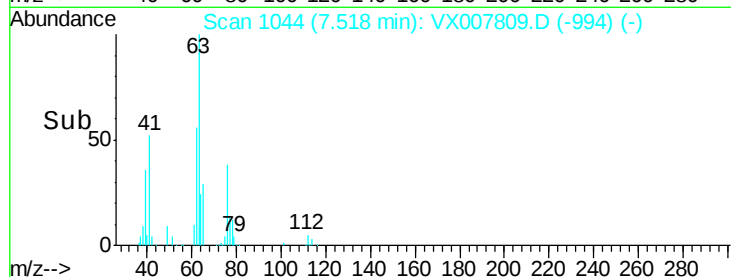
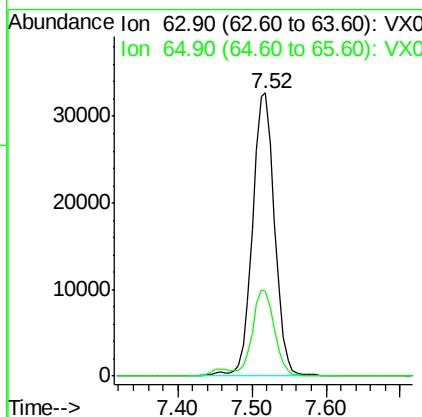
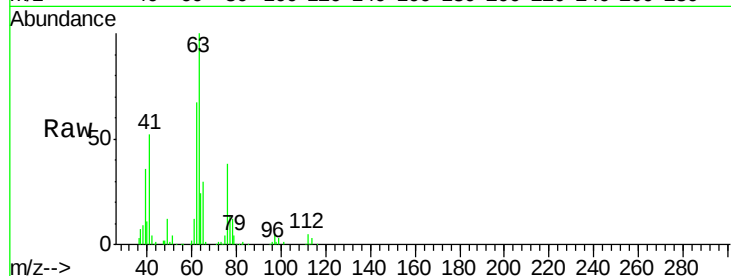
#45  
 1,2-Dichloropropane  
 Concen: 20.513 ug/l  
 RT: 7.52 min Scan# 1044  
 Delta R.T. 0.01 min  
 Lab File: VX007809.D  
 Acq: 04 Mar 2019 14:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0304MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.2  | 24.2  | 36.2  |

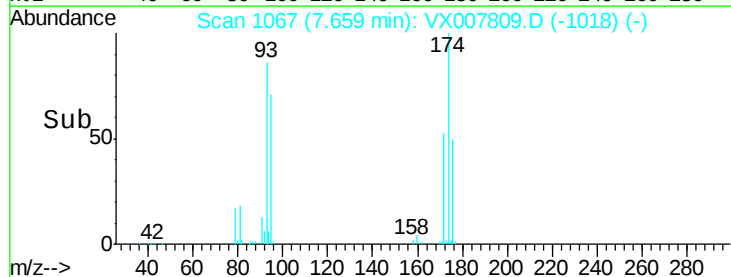
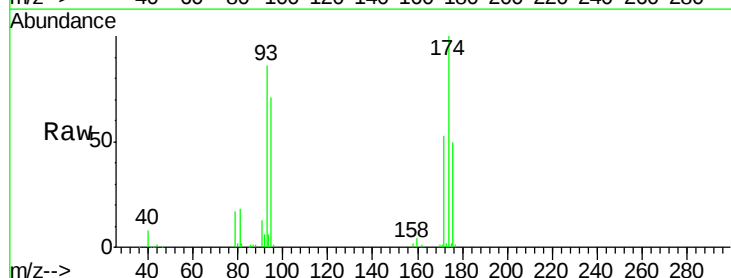
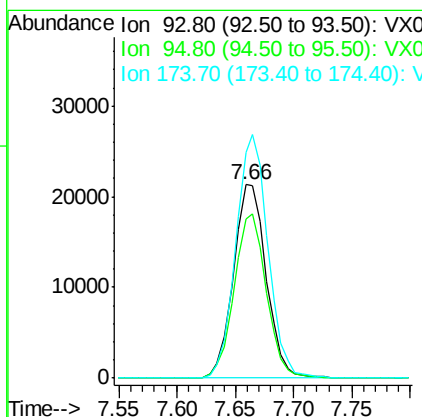
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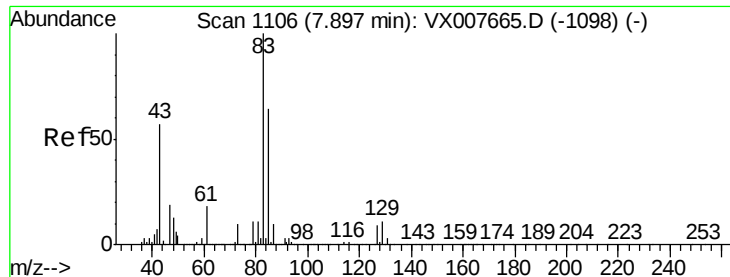
MMDadoda  
 3/5/2019 9:34:30 AM



#46  
 Dibromomethane  
 Concen: 18.025 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: VX007809.D  
 Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.5  | 67.6  | 101.4 |
| 174     | 123.5 | 94.2  | 141.4 |





#47

Bromodichloromethane

Concen: 19.113 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

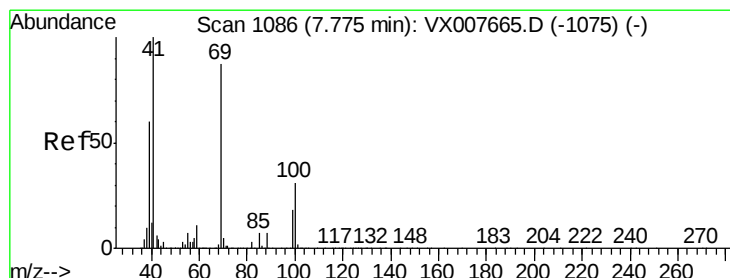
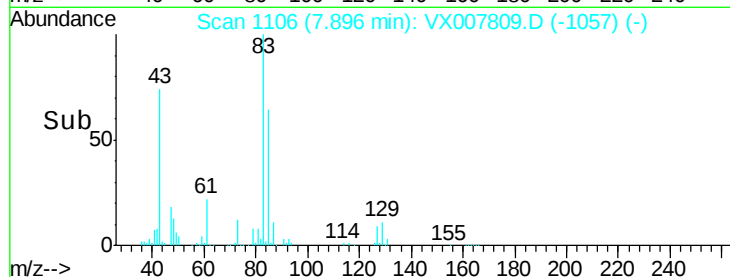
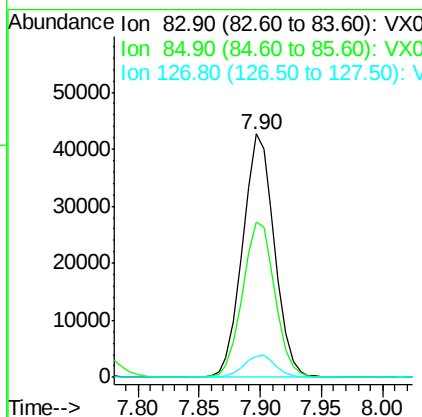
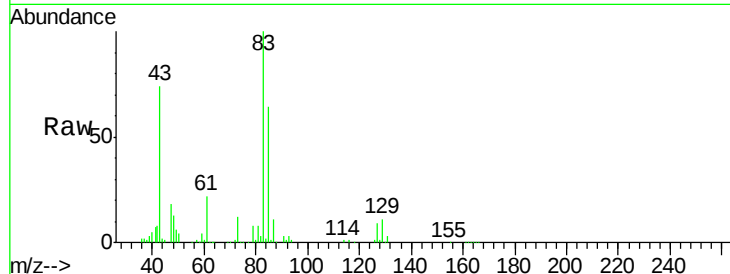
ClientSampleId :

VX0304MBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 77023 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.9  | 51.4  | 77.0  |
| 127      | 8.8   | 8.1   | 12.1  |

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#48

Methyl methacrylate

Concen: 21.098 ug/l

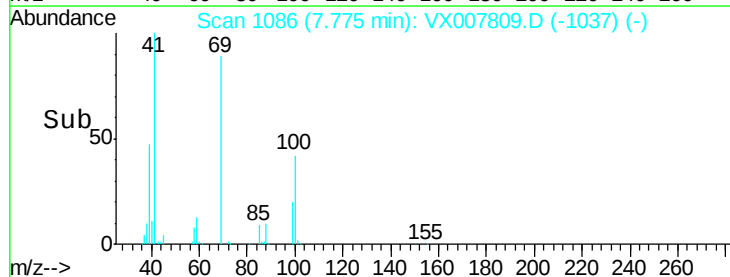
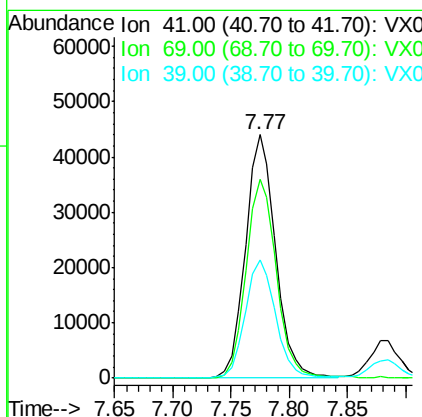
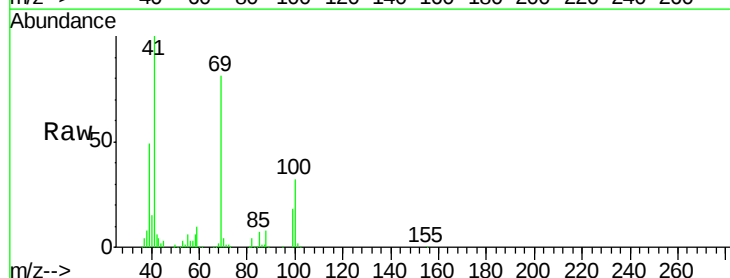
RT: 7.77 min Scan# 1086

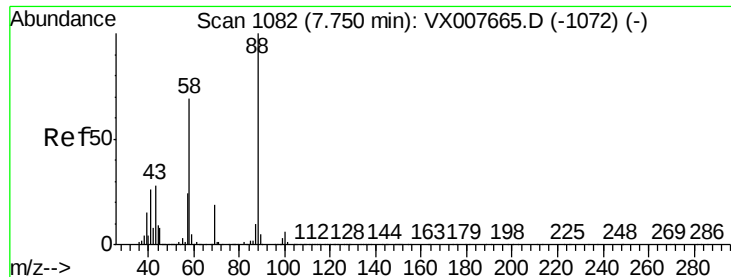
Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 78814 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 83.3  | 70.2  | 105.4 |
| 39       | 49.7  | 47.4  | 71.0  |





#49

1,4-Dioxane

Concen: 393.718 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

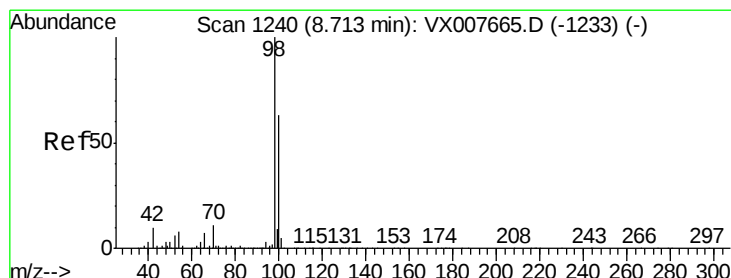
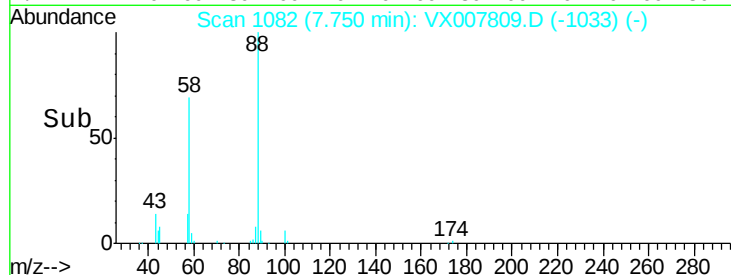
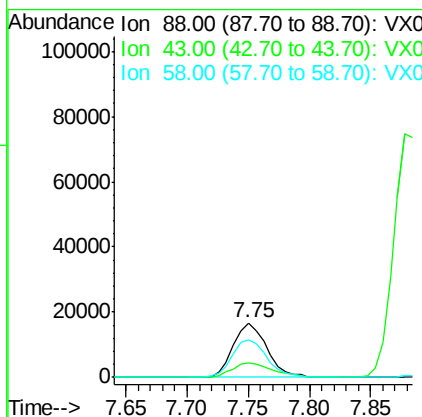
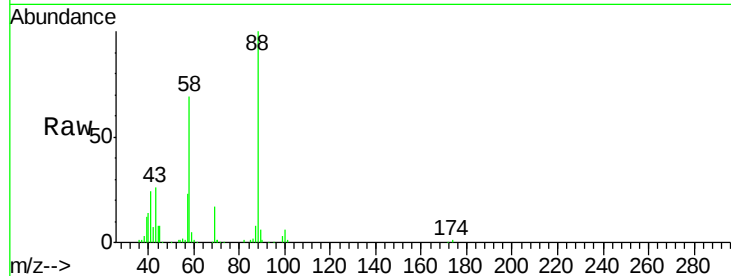
ClientSampleId :

VX0304MBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 88    | Resp: | 31766 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 31.4  | 24.2  | 36.4  |
| 58        | 72.4  | 53.0  | 79.4  |

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#50

Toluene-d8

Concen: 45.759 ug/l

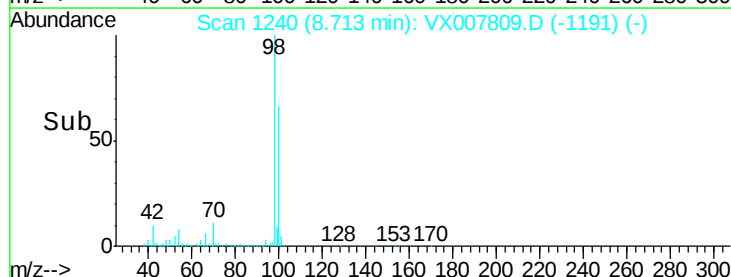
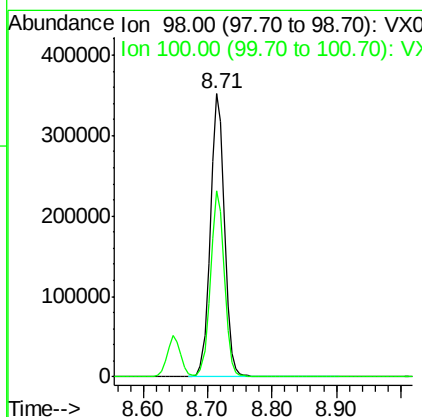
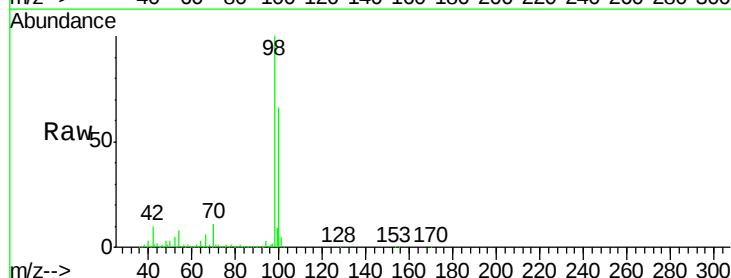
RT: 8.71 min Scan# 1240

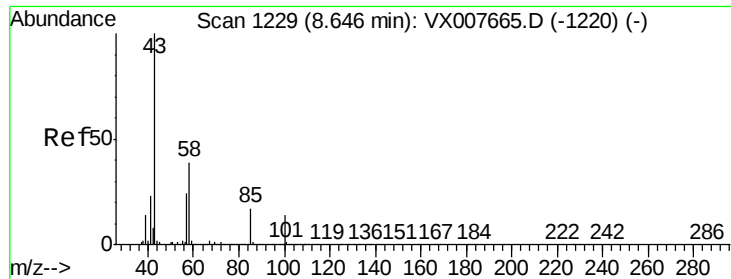
Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 542961 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 65.1  | 51.6  | 77.4   |





#51

4-Methyl-2-Pentanone

Concen: 104.191 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0304MBS01

Tot Ion: 43 Resp: 497023

Ion Ratio Lower Upper

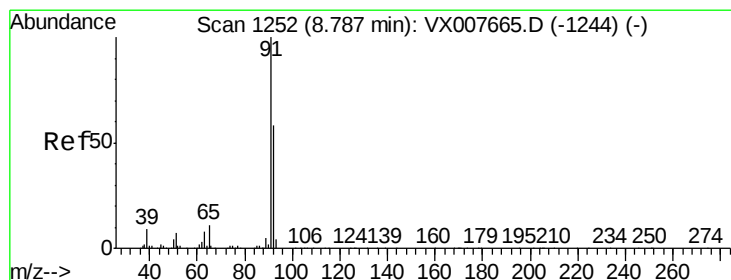
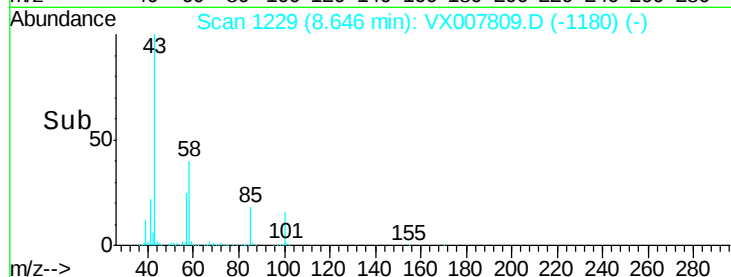
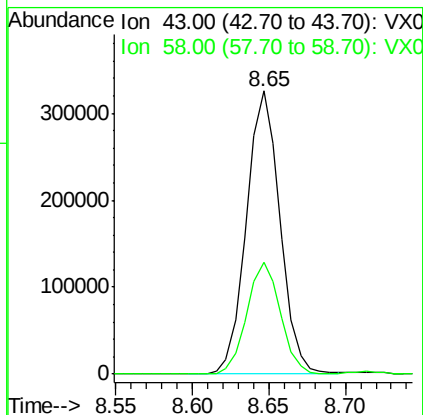
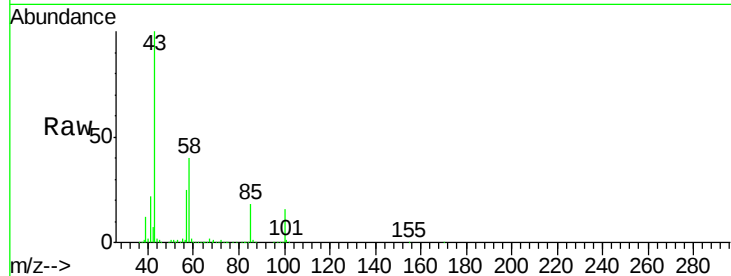
43 100

58 39.5 31.2 46.8

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#52

Toluene

Concen: 19.068 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007809.D

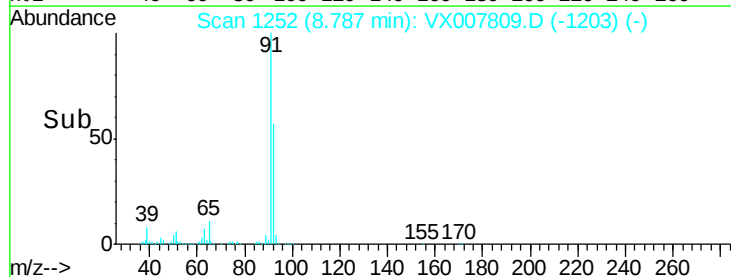
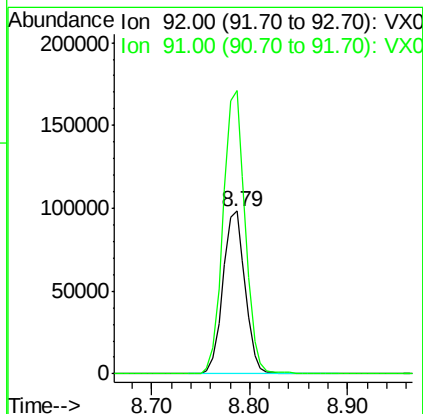
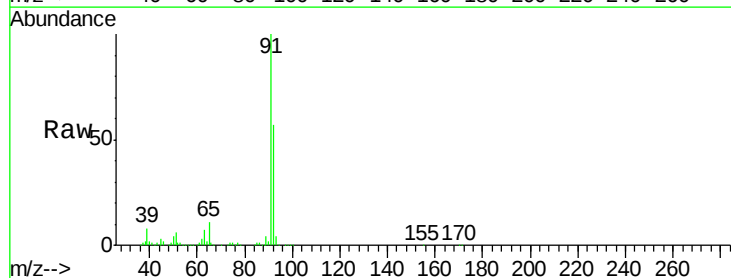
Acq: 04 Mar 2019 14:35

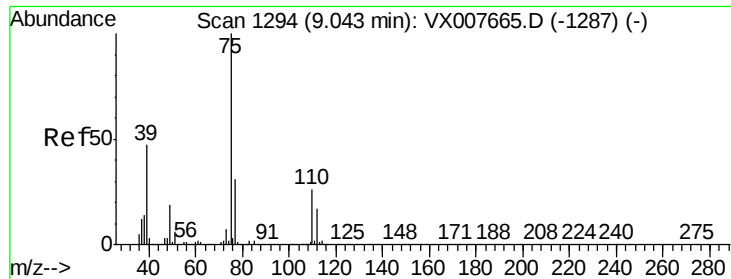
Tgt Ion: 92 Resp: 154723

Ion Ratio Lower Upper

92 100

91 172.6 139.1 208.7





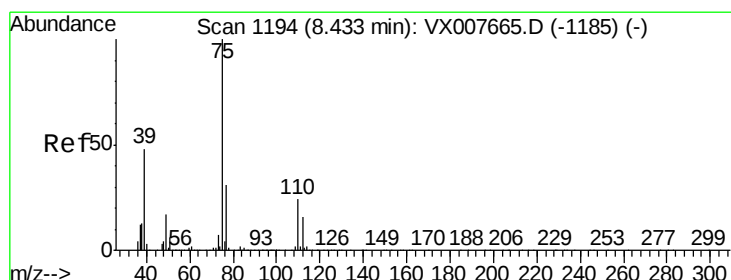
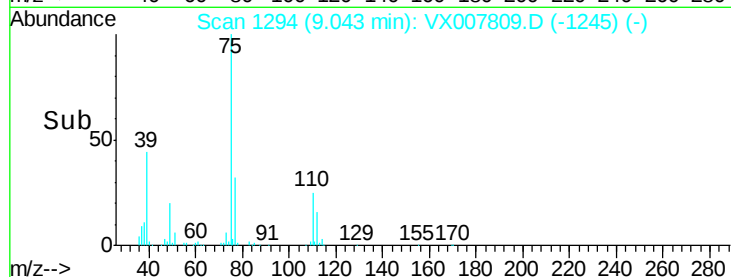
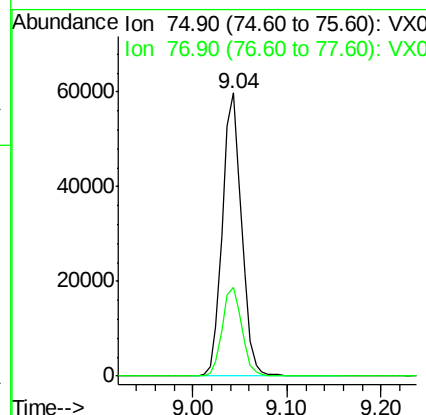
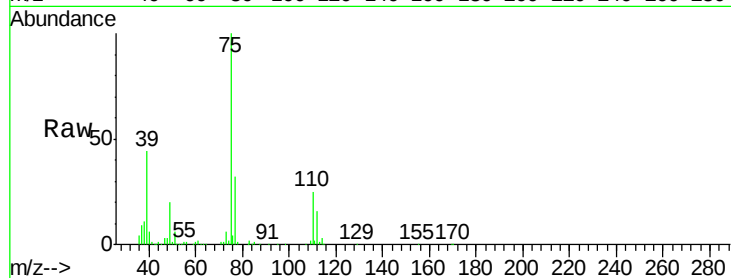
#53  
t-1,3-Dichloropropene  
Concen: 18.768 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

Tot Ion: 75 Resp: 84736  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.2 37.8

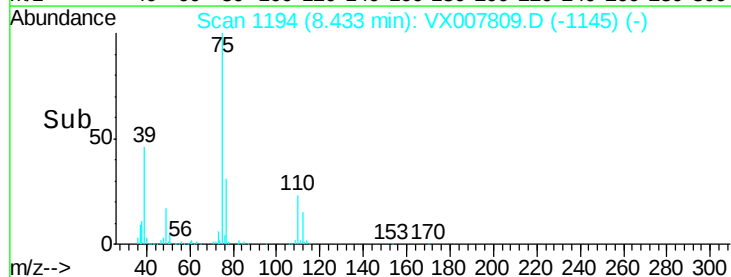
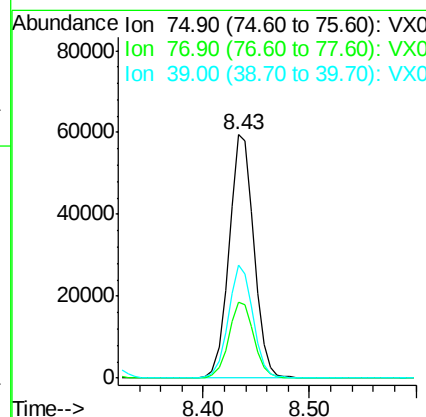
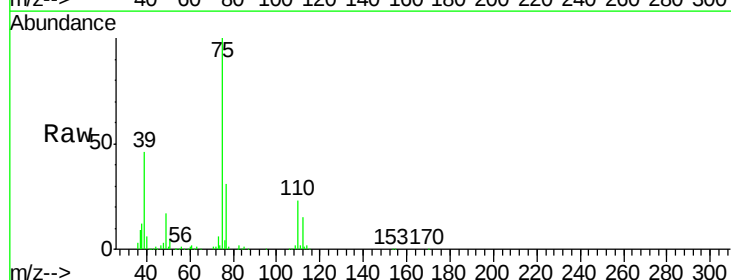
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#54  
cis-1,3-Dichloropropene  
Concen: 19.837 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Tgt Ion: 75 Resp: 97008  
Ion Ratio Lower Upper  
75 100  
77 31.2 26.2 39.4  
39 46.0 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 18.995 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

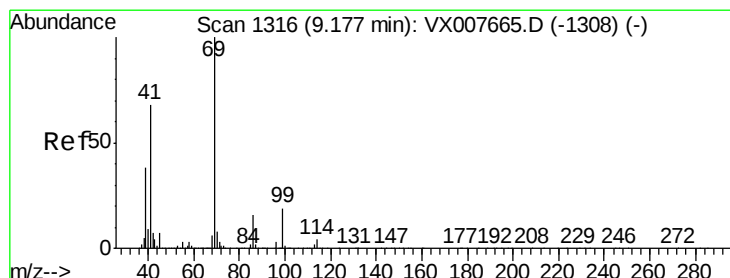
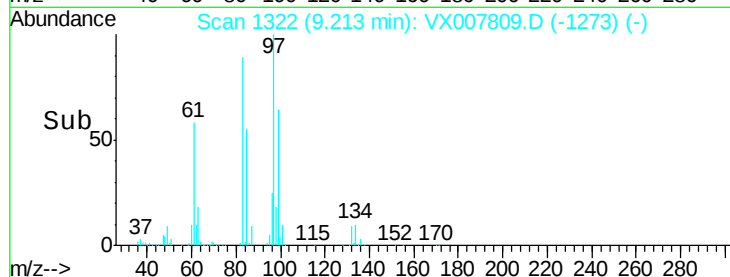
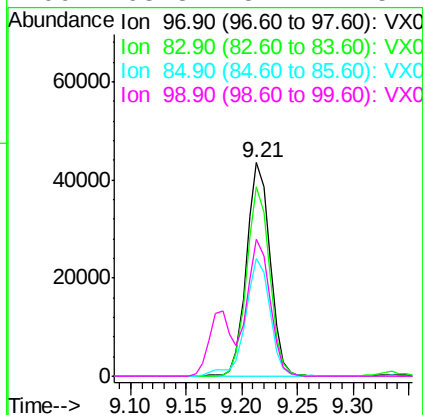
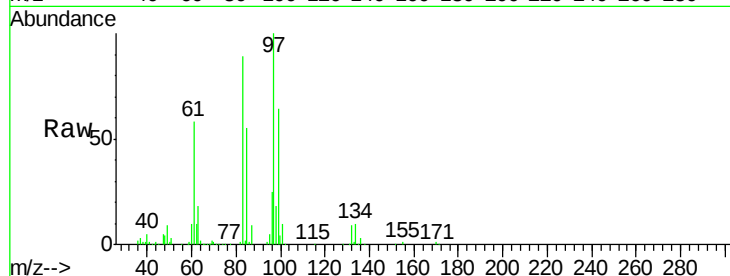
ClientSampleId :

VX0304MBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 64272 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.9  | 68.6  | 102.8 |
| 85       | 54.9  | 44.5  | 66.7  |
| 99       | 63.8  | 52.2  | 78.4  |

Manual Integrations  
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3/5/2019 9:34:30 AM



#56

Ethyl methacrylate

Concen: 20.575 ug/l

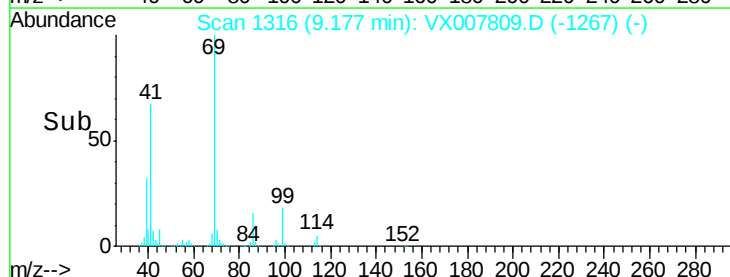
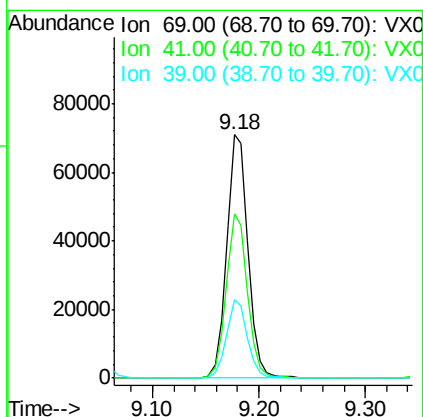
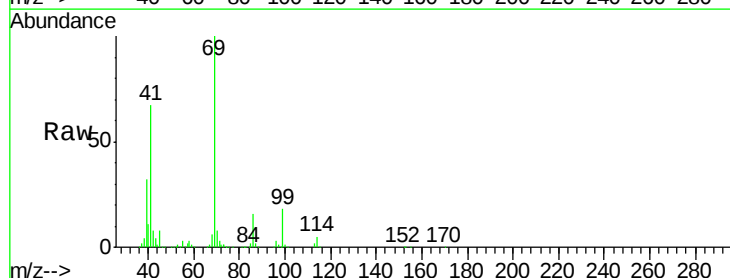
RT: 9.18 min Scan# 1316

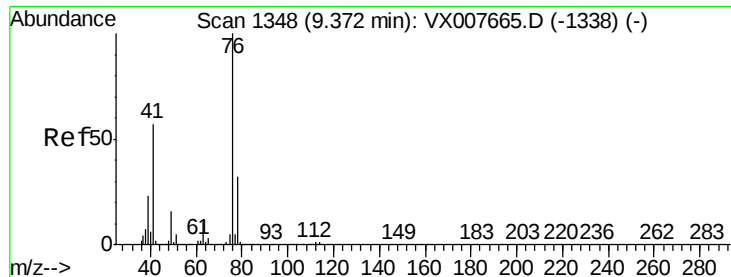
Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 99000 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 67.5  | 52.1  | 78.1  |
| 39       | 31.4  | 30.1  | 45.1  |





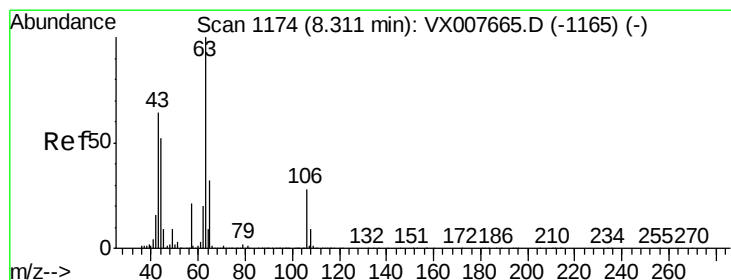
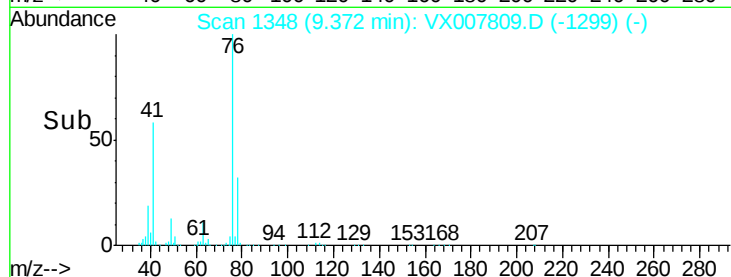
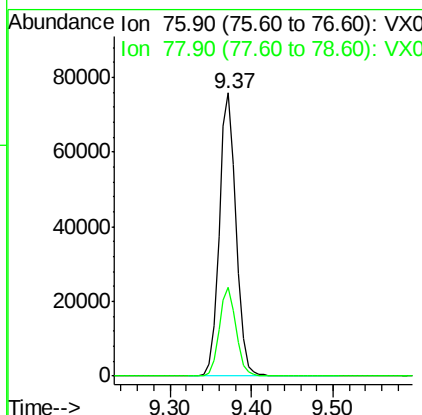
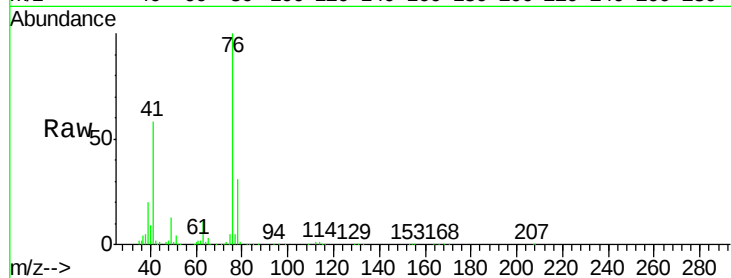
#57  
 1,3-Dichloropropane  
 Concen: 20.104 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: VX007809.D  
 Acq: 04 Mar 2019 14:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0304MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.4  | 25.8  | 38.8  |

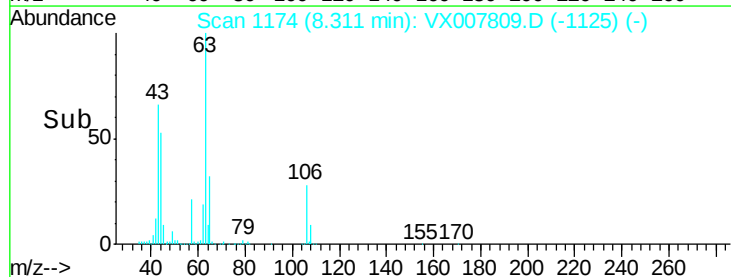
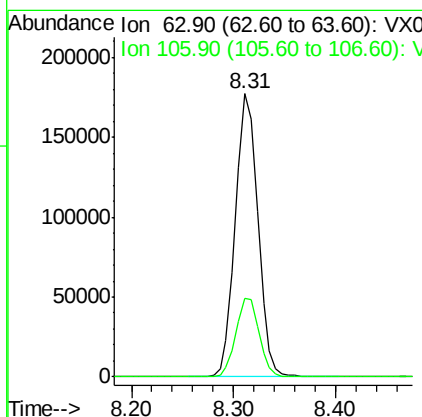
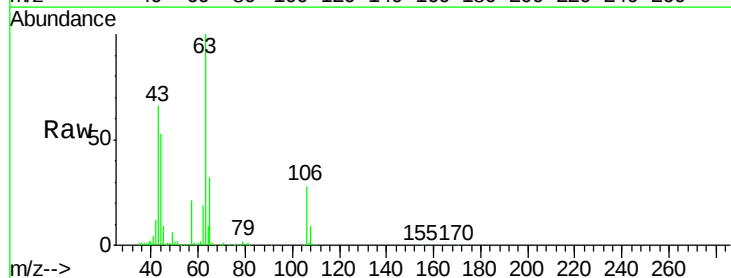
Manual Integrations  
 APPROVED

MMDadoda  
 3/5/2019 9:34:30 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 102.282 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. -0.00 min  
 Lab File: VX007809.D  
 Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 28.3  | 23.6  | 35.4  |





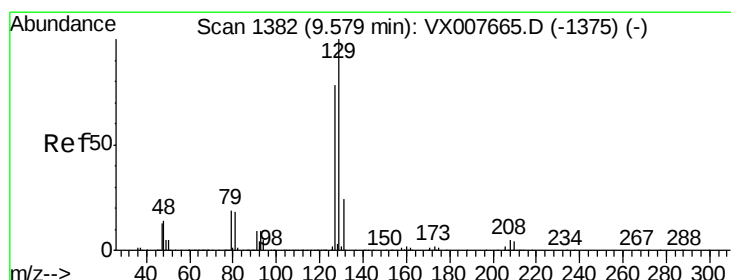
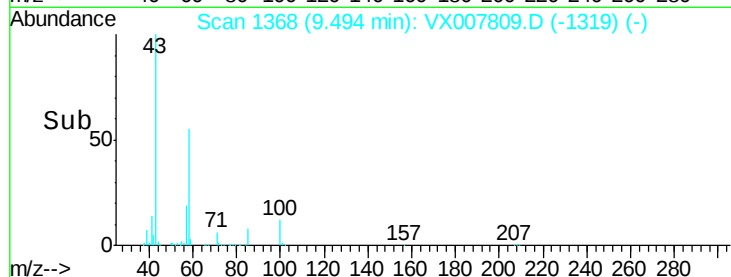
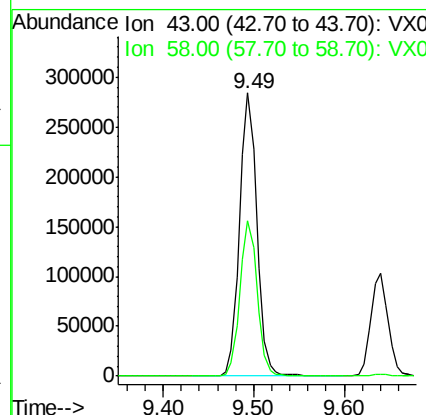
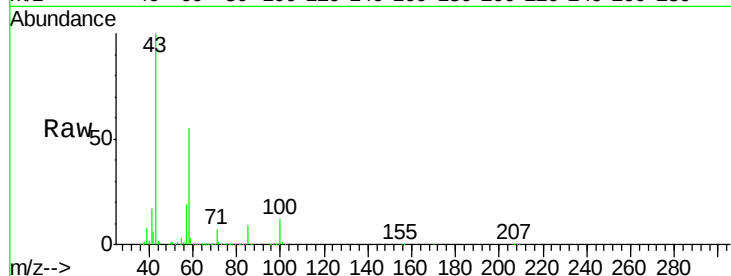
#59  
2-Hexanone  
Concen: 100.767 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 54.9  | 27.1  | 81.3  |

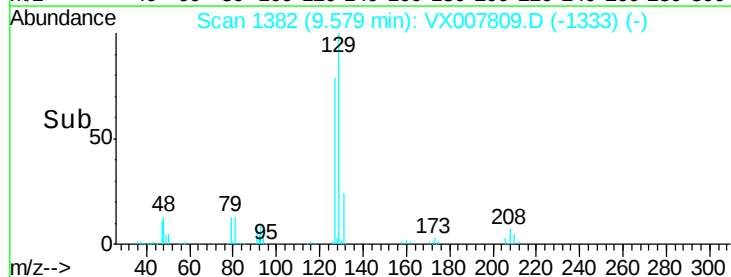
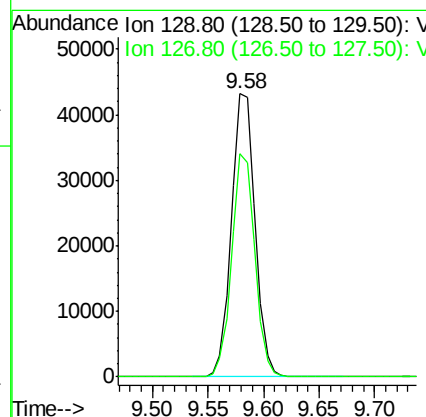
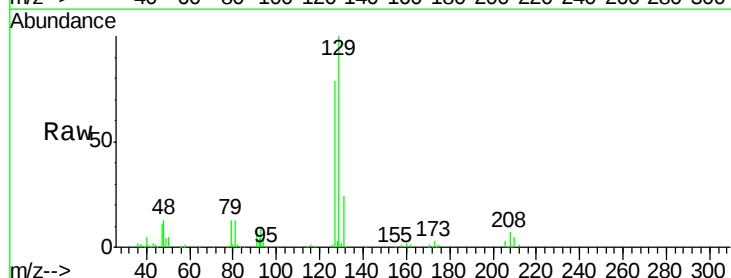
Manual Integrations  
APPROVED

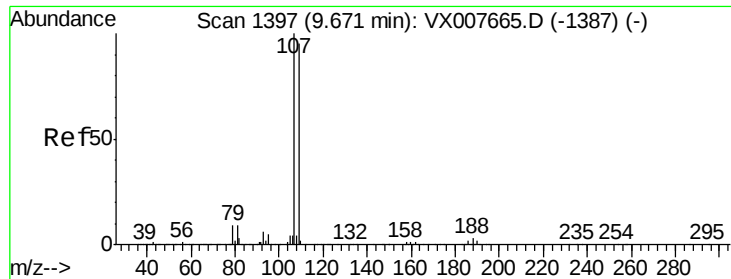
MMDadoda  
3/5/2019 9:34:30 AM



#60  
Dibromochloromethane  
Concen: 19.573 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 77.0  | 37.8  | 113.4 |





#61

1,2-Dibromoethane

Concen: 19.363 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0304MBS01

Tot Ion: 107 Resp: 68025

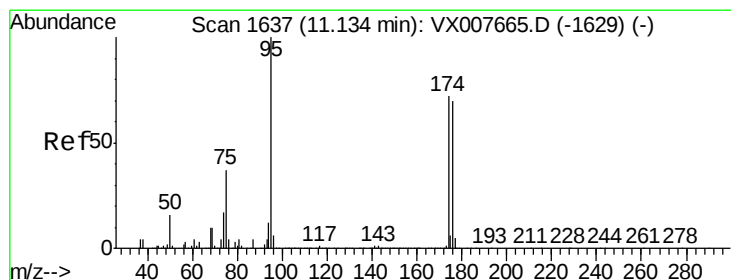
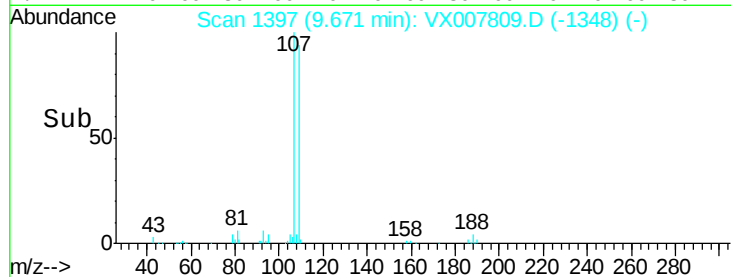
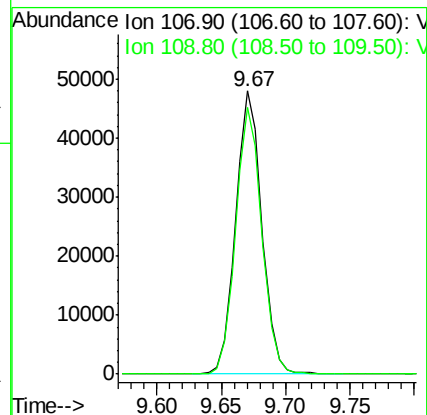
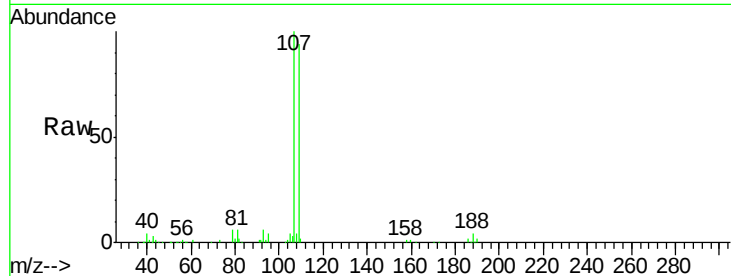
Ion Ratio Lower Upper

107 100

109 94.3 75.1 112.7

Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 9:34:30 AM



#62

4-Bromofluorobenzene

Concen: 44.704 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

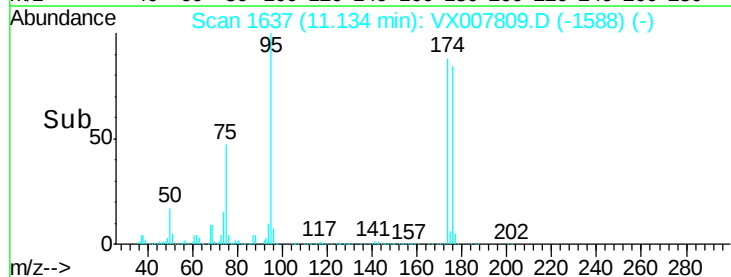
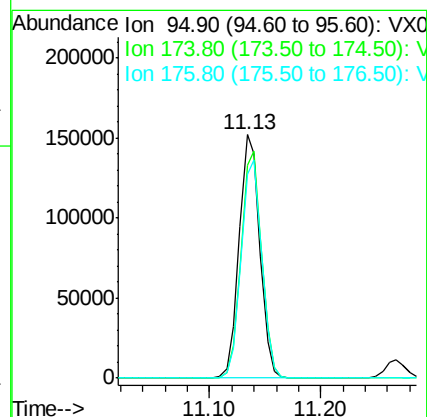
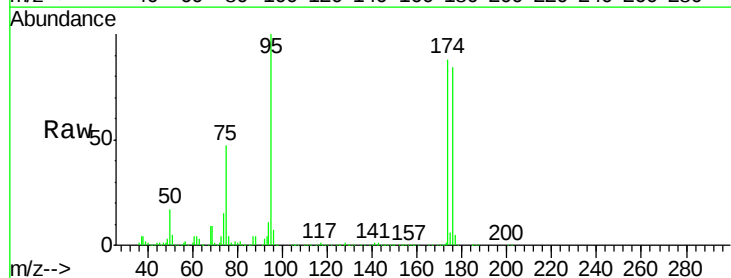
Tgt Ion: 95 Resp: 194691

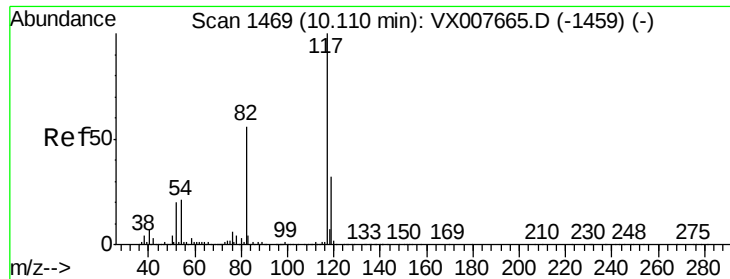
Ion Ratio Lower Upper

95 100

174 93.1 0.0 189.2

176 90.4 0.0 186.2





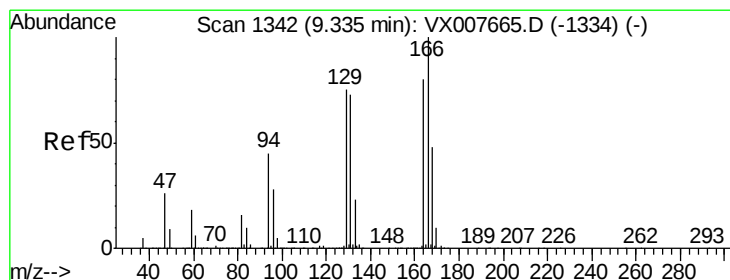
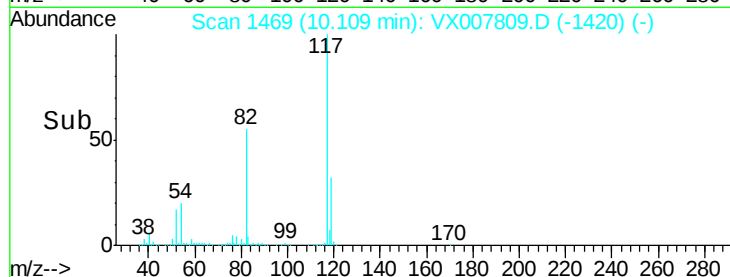
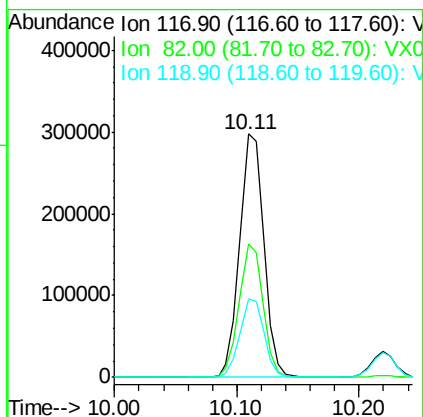
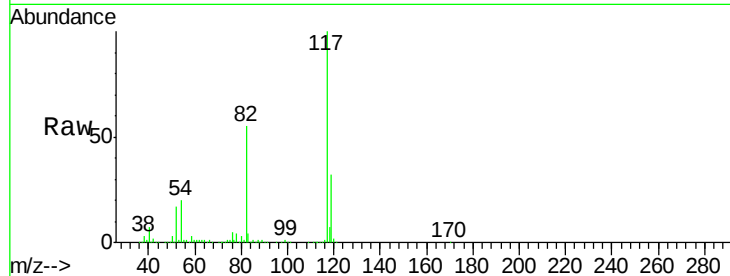
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 407978 |       |       |
| 82      | 54.7  |        | 42.1  | 63.1  |
| 119     | 32.1  |        | 26.5  | 39.7  |

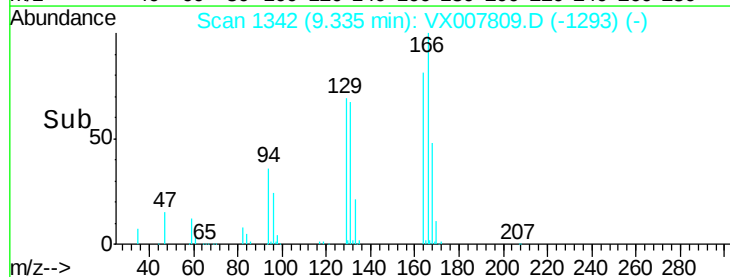
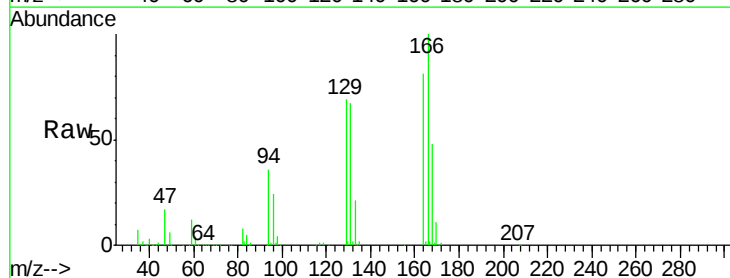
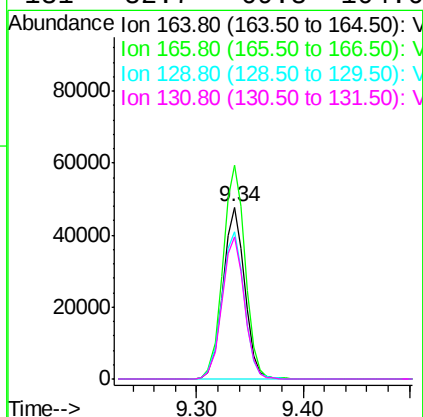
Manual Integrations  
APPROVED

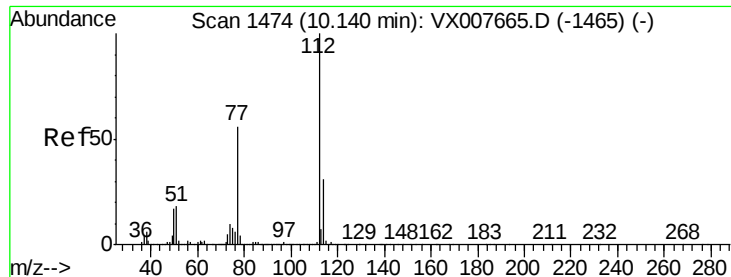
MMDadoda  
3/5/2019 9:34:30 AM



#64  
Tetrachloroethene  
Concen: 20.525 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 67981 |       |       |
| 166     | 124.1 |       | 101.0 | 151.4 |
| 129     | 85.5  |       | 70.5  | 105.7 |
| 131     | 82.7  |       | 69.8  | 104.6 |





#65

Chlorobenzene

Concen: 19.464 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0304MBS01

Tot Ion:112 Resp: 171749

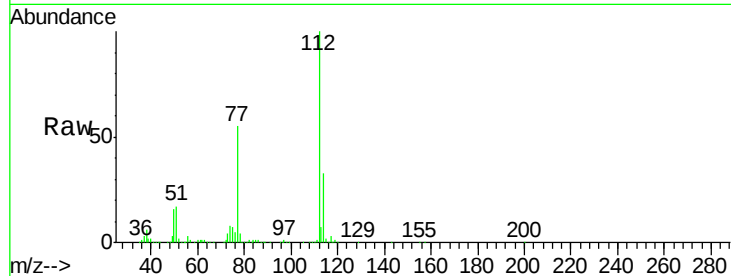
Ion Ratio Lower Upper

112 100

114 32.8 25.8 38.6

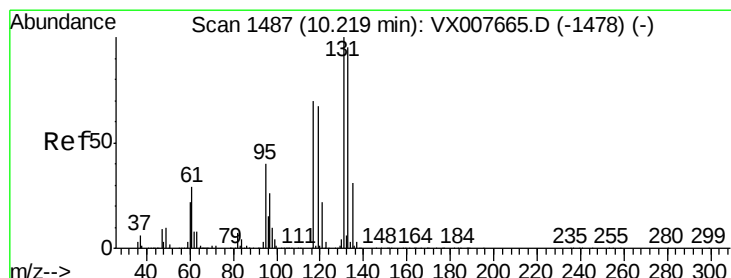
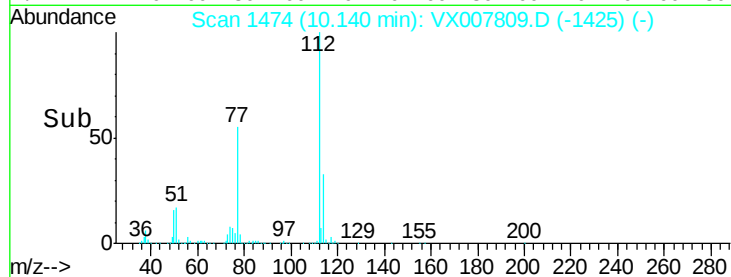
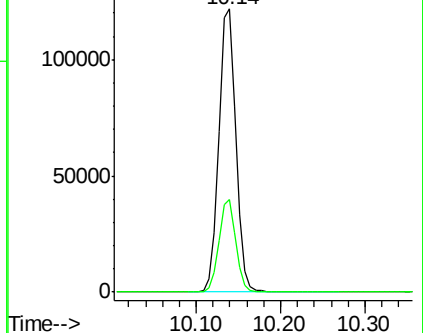
Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 9:34:30 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.204 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

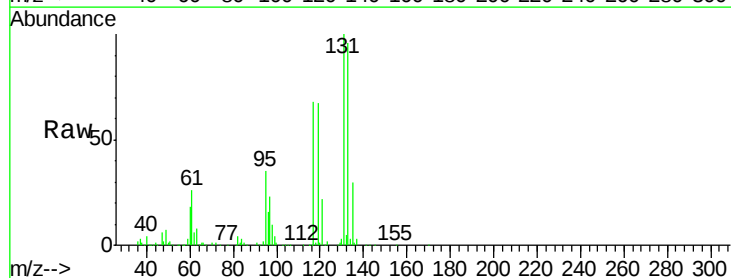
Tgt Ion:131 Resp: 62186

Ion Ratio Lower Upper

131 100

133 96.5 48.0 144.2

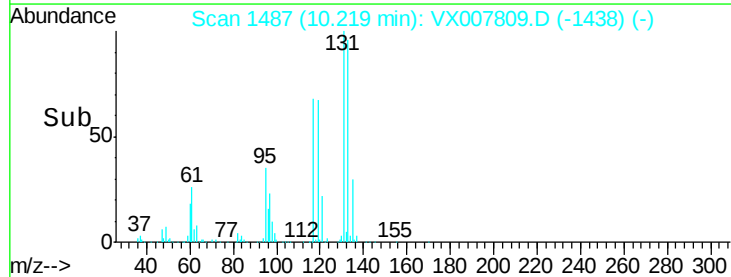
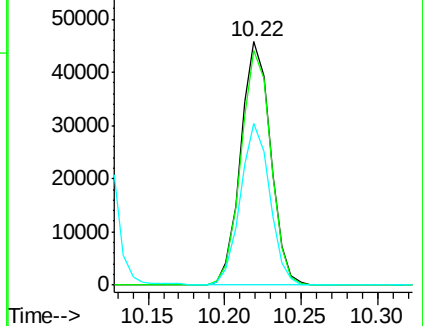
119 65.1 32.0 96.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.672 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0304MBS01

Tot Ion: 91 Resp: 287544

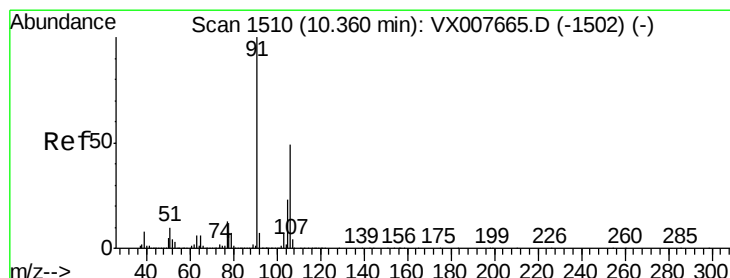
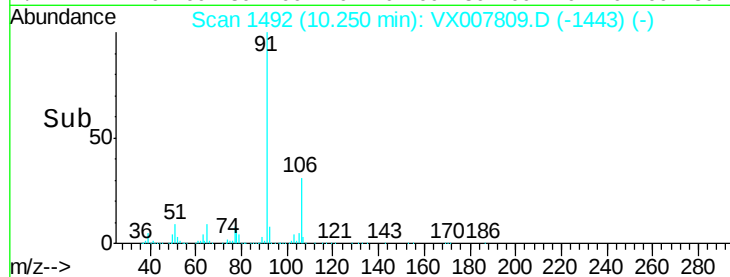
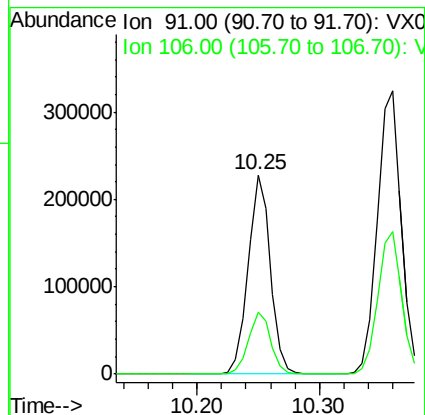
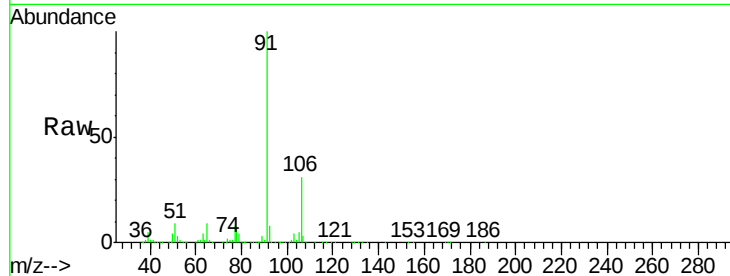
Ion Ratio Lower Upper

91 100

106 31.1 25.4 38.0

Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 9:34:30 AM



#68

m/p-Xylenes

Concen: 38.895 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007809.D

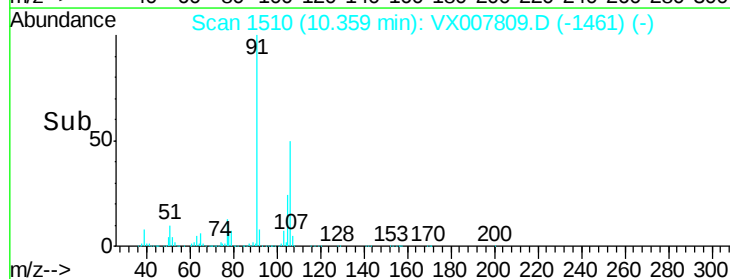
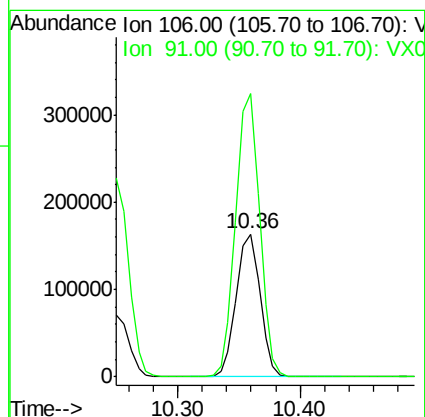
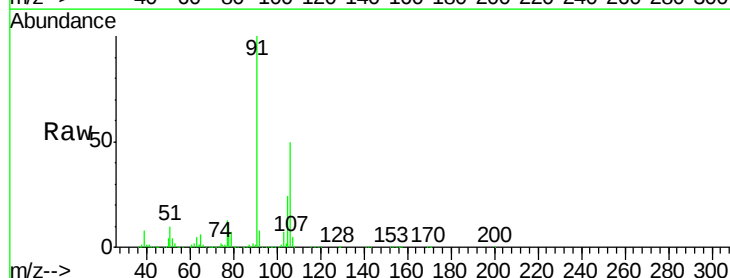
Acq: 04 Mar 2019 14:35

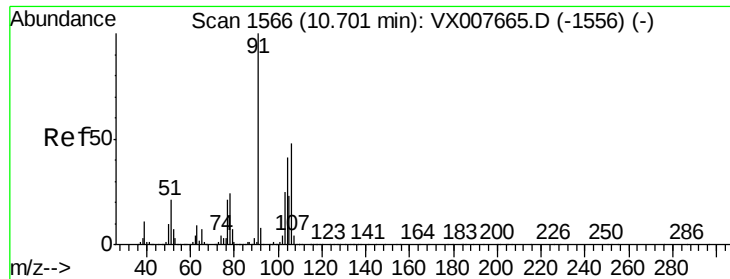
Tgt Ion: 106 Resp: 221175

Ion Ratio Lower Upper

106 100

91 198.8 156.6 234.8





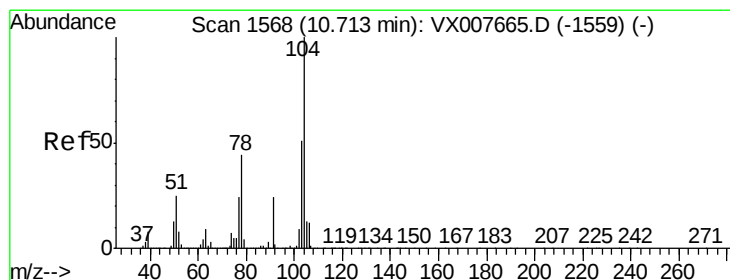
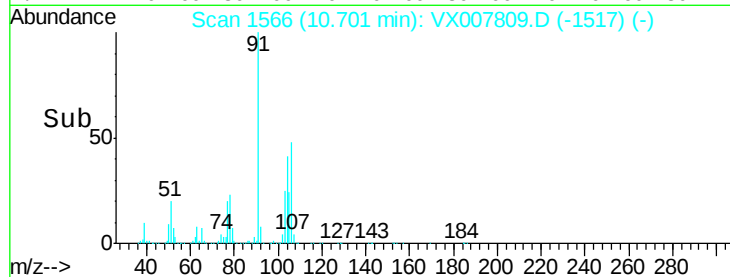
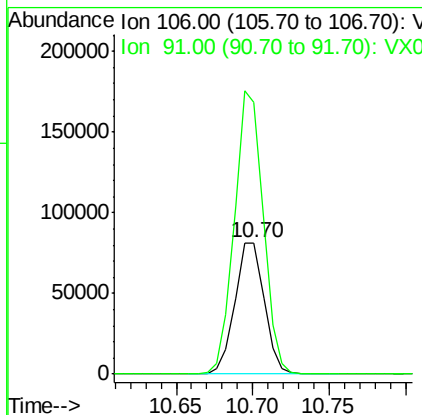
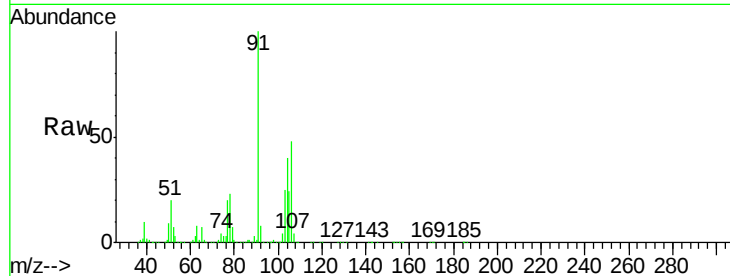
#69  
o-Xylene  
Concen: 19.817 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 211.4 | 102.9 | 308.7 |

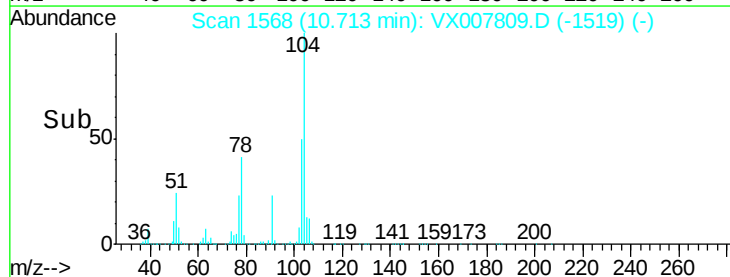
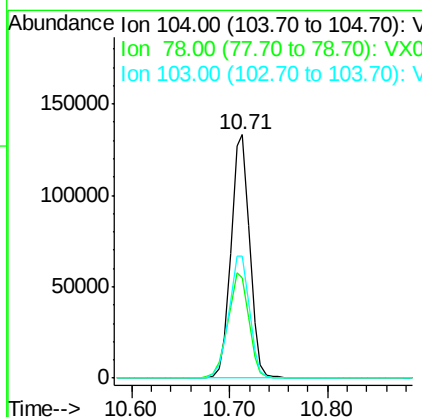
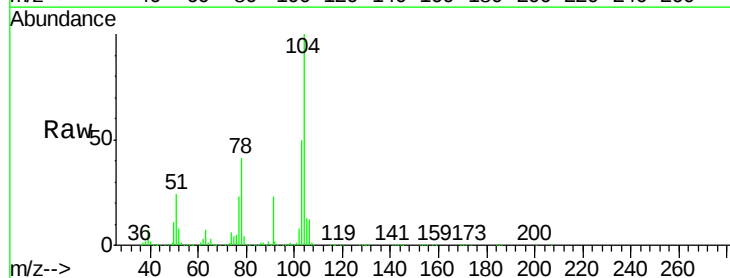
Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 9:34:30 AM



#70  
Styrene  
Concen: 19.715 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 48.0  | 38.3  | 57.5  |
| 103     | 55.5  | 44.6  | 67.0  |





#71

Bromoform

Concen: 21.818 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

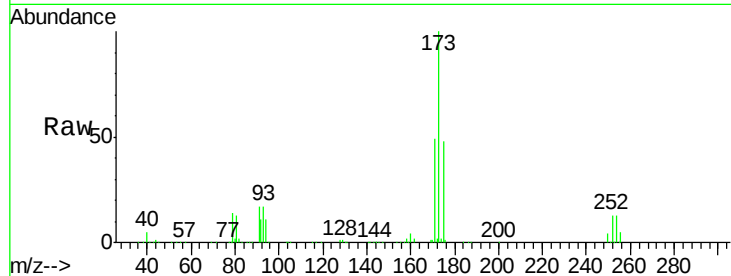
ClientSampleId :

VX0304MBS01

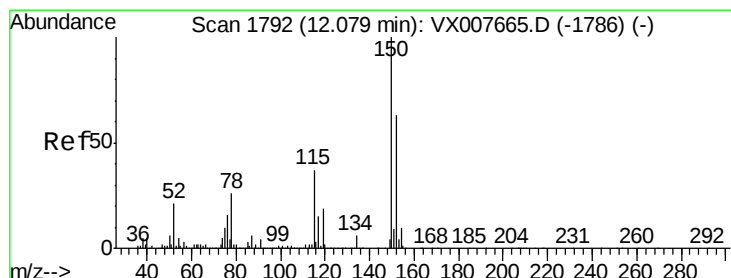
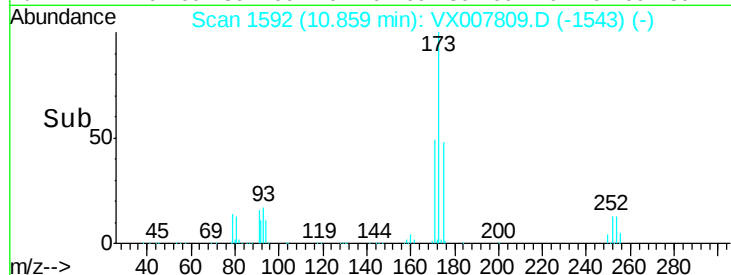
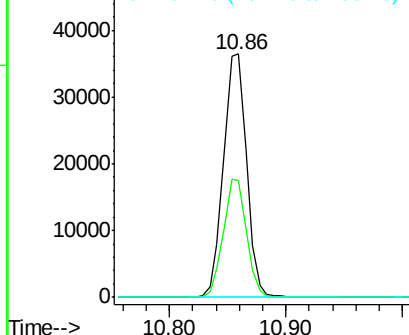
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.3  | 24.2  | 72.6  |
| 254     | 0.1   | 0.2   | 0.2   |

Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 9:34:30 AM



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

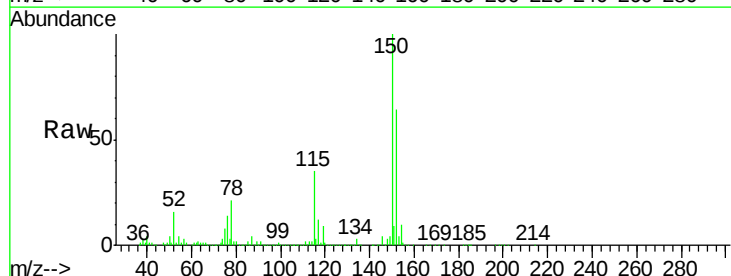
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

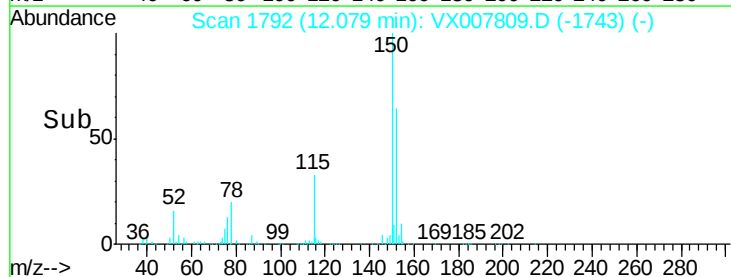
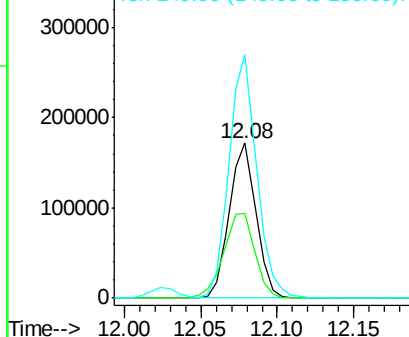
Lab File: VX007809.D

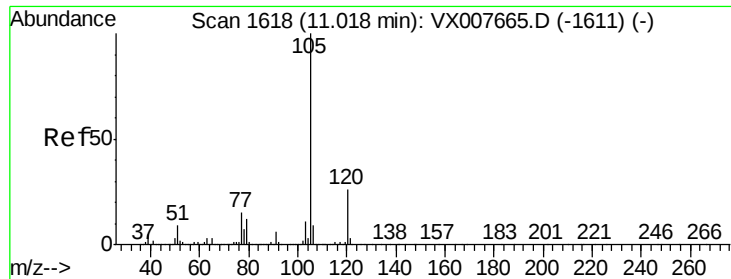
Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 63.7  | 38.0  | 114.0 |
| 150     | 164.1 | 0.0   | 346.4 |



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: 19.672 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

ClientSampled :

VX0304MBS01

Tot Ion:105 Resp: 291215

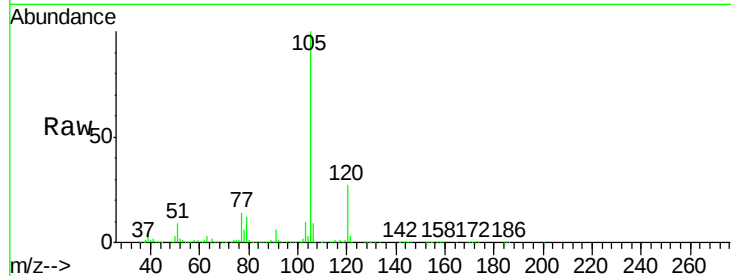
Ion Ratio Lower Upper

105 100

120 26.5 13.6 40.7

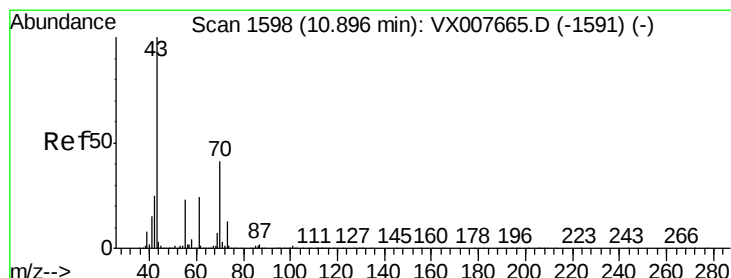
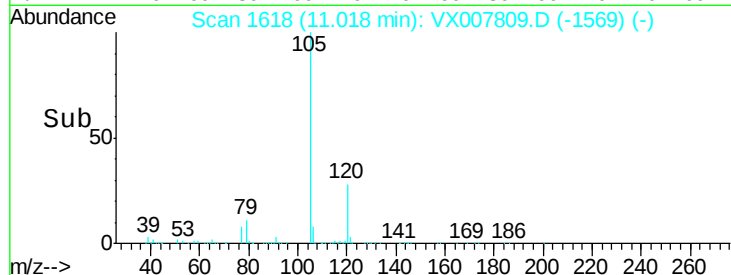
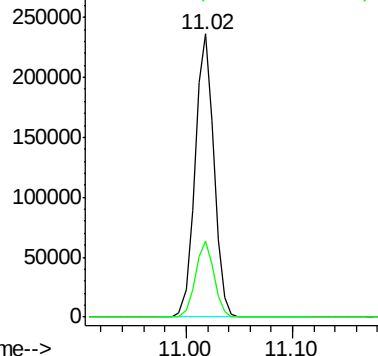
Manual Integrations  
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3/5/2019 9:34:30 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.288 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Tgt Ion: 43 Resp: 130424

Ion Ratio Lower Upper

43 100

70 42.3 33.8 50.6

55 24.8 19.5 29.3

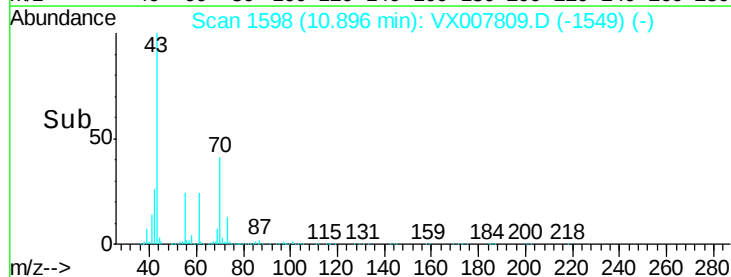
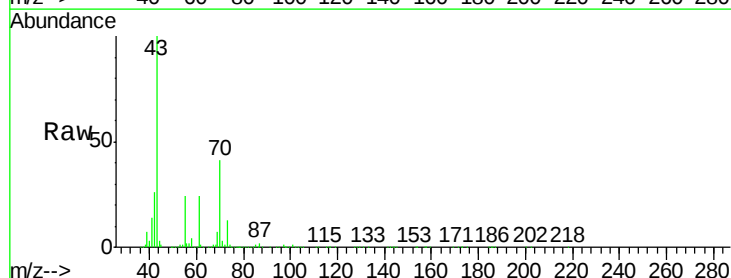
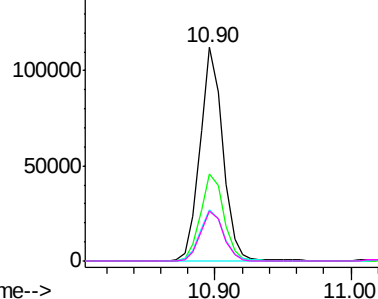
61 24.0 19.4 29.2

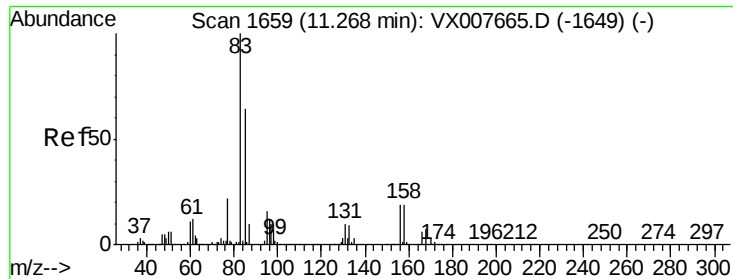
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 18.814 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

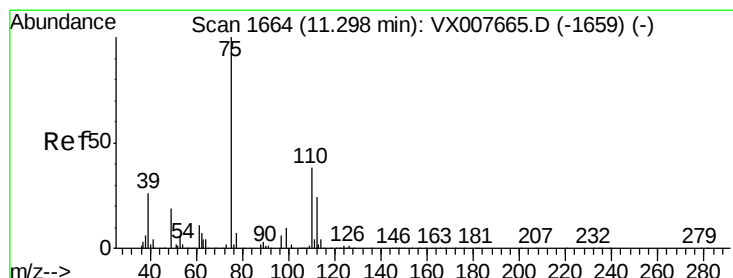
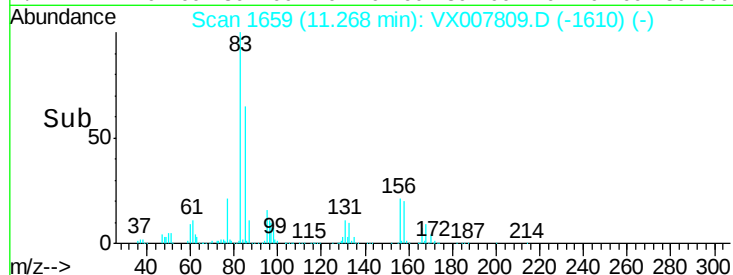
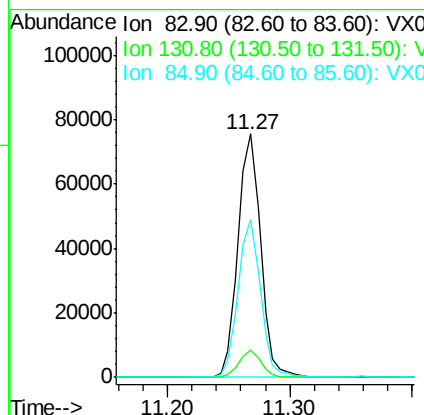
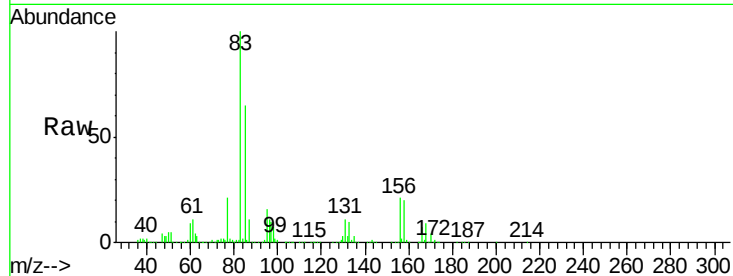
ClientSampleId :

VX0304MBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 96332 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.8  | 5.7   | 17.0  |
| 85        | 64.8  | 32.8  | 98.3  |

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3/5/2019 9:34:30 AM



#76

1,2,3-Trichloropropane

Concen: 18.340 ug/l m

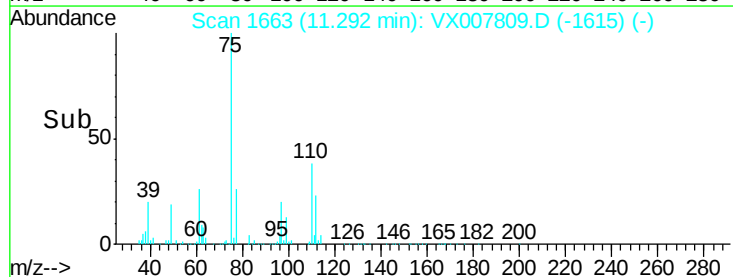
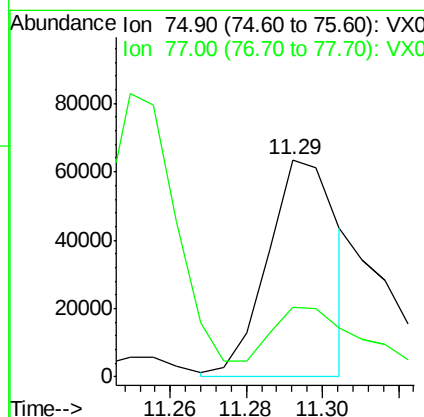
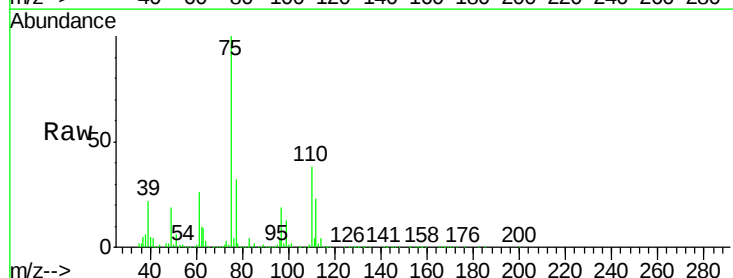
RT: 11.29 min Scan# 1663

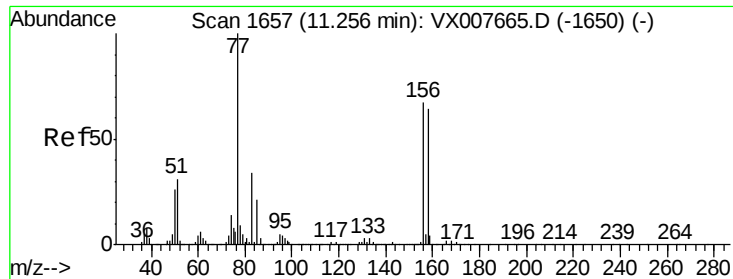
Delta R.T. -0.01 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 80972 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 44.5  | 23.0  | 69.0  |





#77

Bromobenzene

Concen: 21.105 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

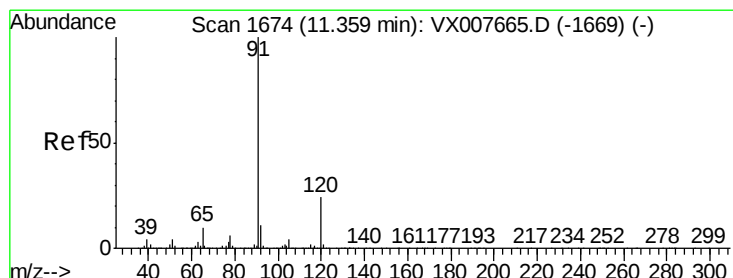
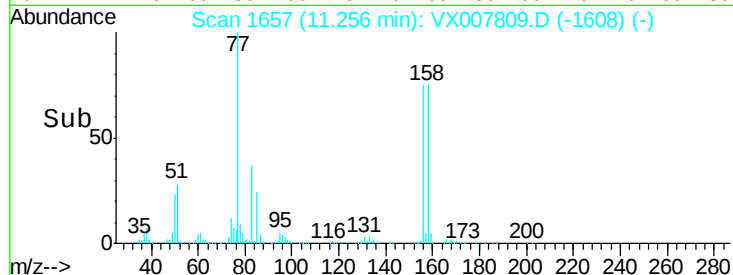
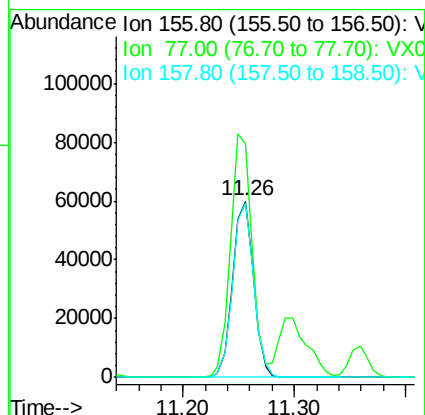
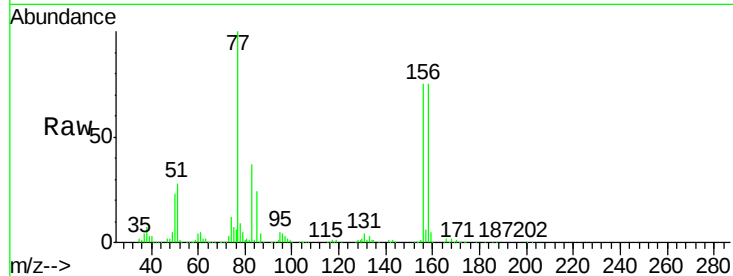
ClientSampleId :

VX0304MBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 78365 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 140.0 | 66.8  | 200.6 |
| 158       | 98.7  | 47.9  | 143.8 |

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#78

n-propylbenzene

Concen: 19.306 ug/l

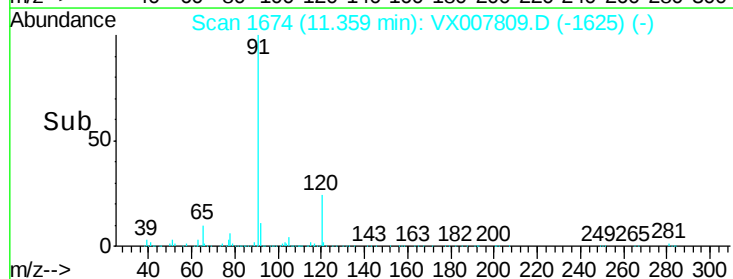
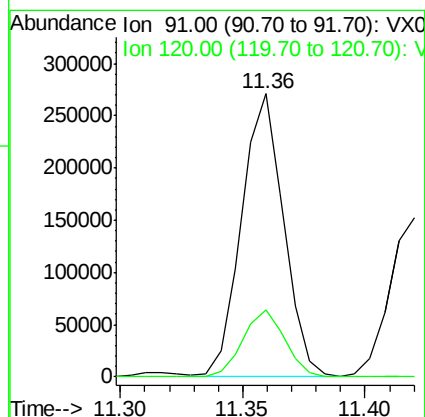
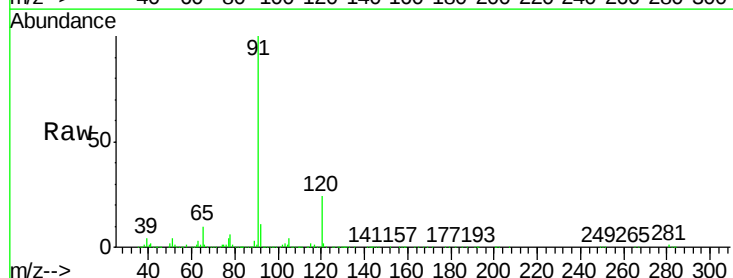
RT: 11.36 min Scan# 1674

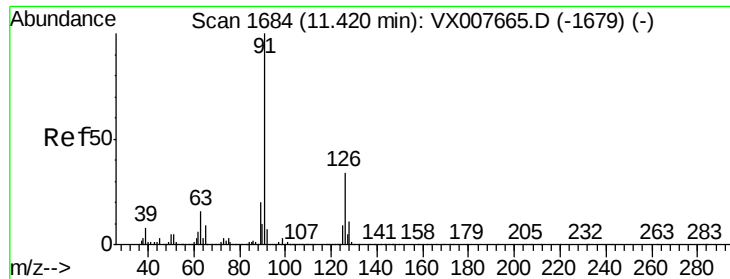
Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 322958 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.7  | 12.4  | 37.2   |





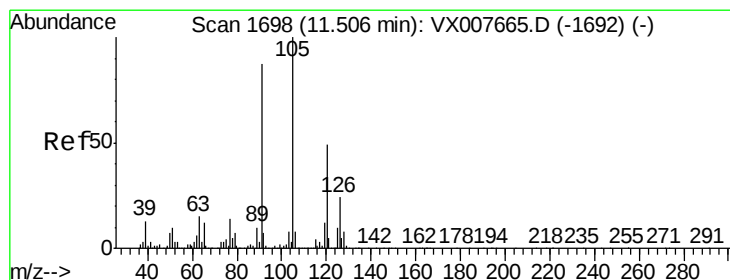
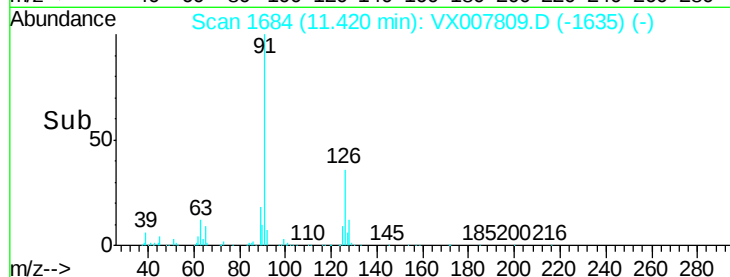
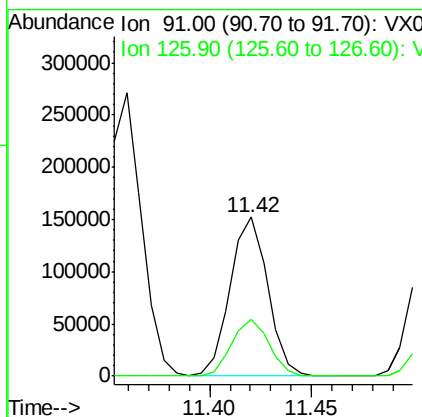
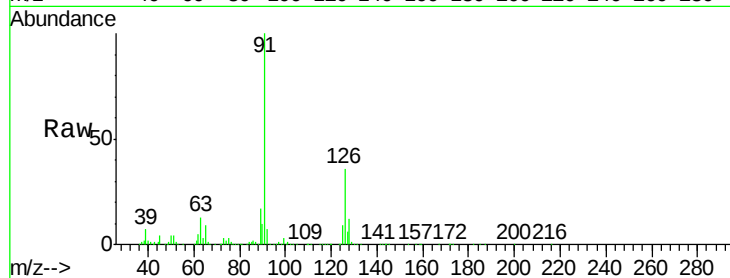
#79  
2-Chlorotoluene  
Concen: 19.106 ug/l  
RT: 11.42 min Scan# 1684  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

Tot Ion: 91 Resp: 192448  
Ion Ratio Lower Upper  
91 100  
126 35.8 18.7 56.1

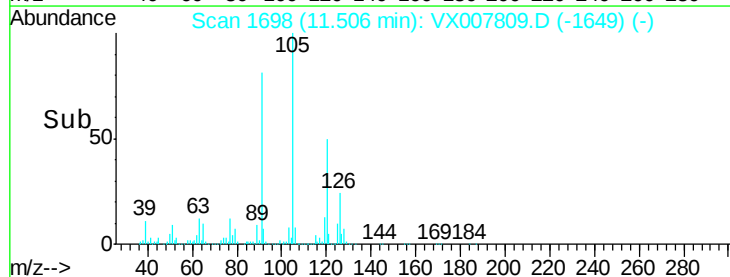
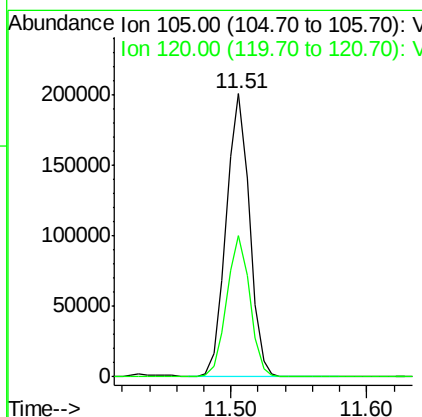
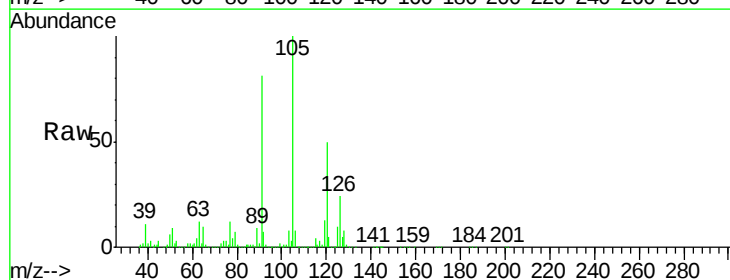
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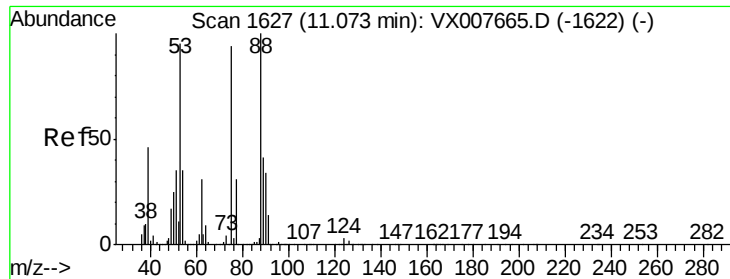
MMDadoda  
3/5/2019 9:34:30 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 19.497 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Tgt Ion: 105 Resp: 237408  
Ion Ratio Lower Upper  
105 100  
120 49.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.394 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

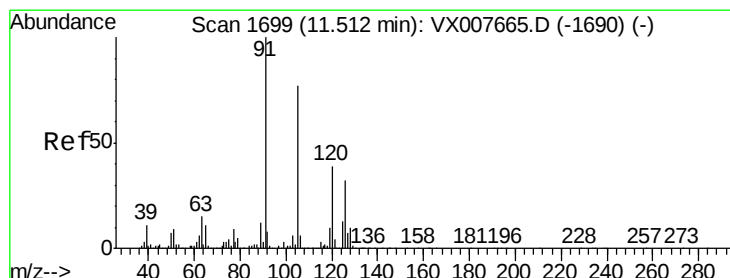
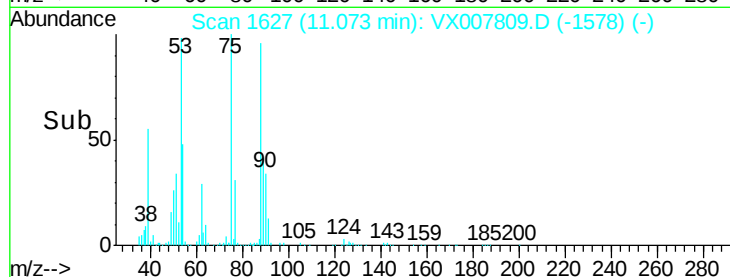
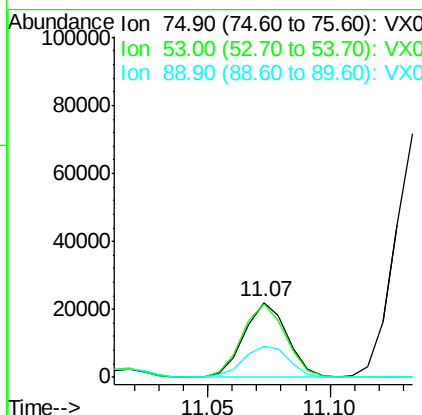
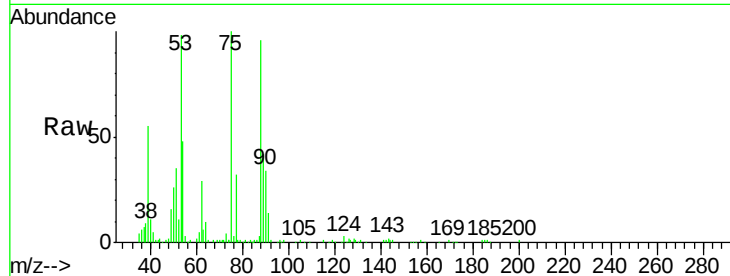
ClientSampleId :

VX0304MBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 26970 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 99.7  | 81.0  | 121.6 |
| 89       | 45.1  | 41.4  | 62.0  |

Manual Integrations  
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3/5/2019 9:34:30 AM



#82

4-Chlorotoluene

Concen: 18.724 ug/l

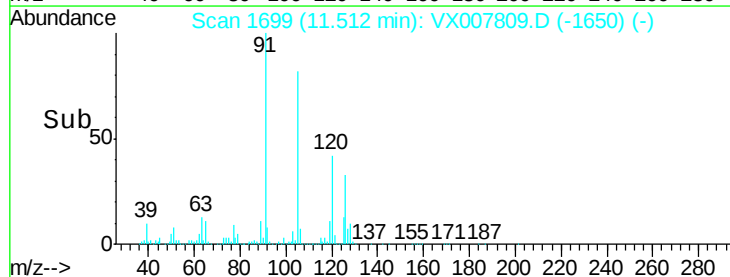
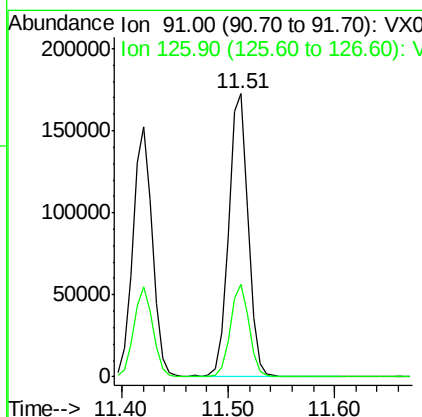
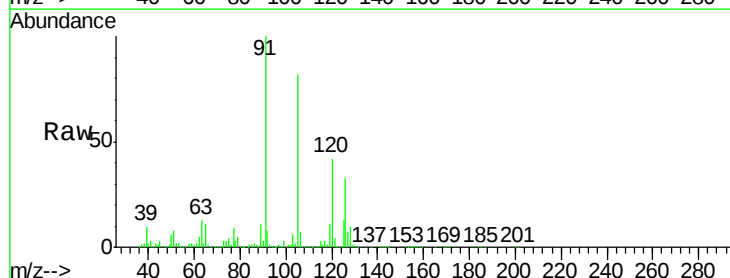
RT: 11.51 min Scan# 1699

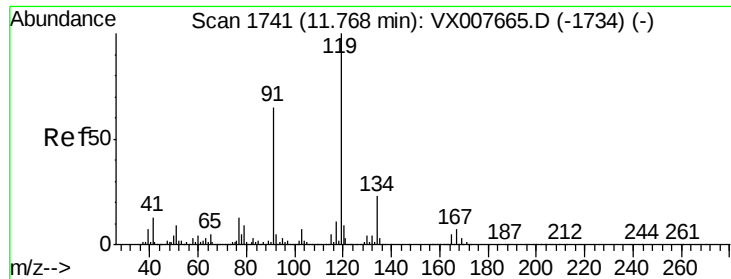
Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 220628 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 31.3  | 16.2  | 48.5   |





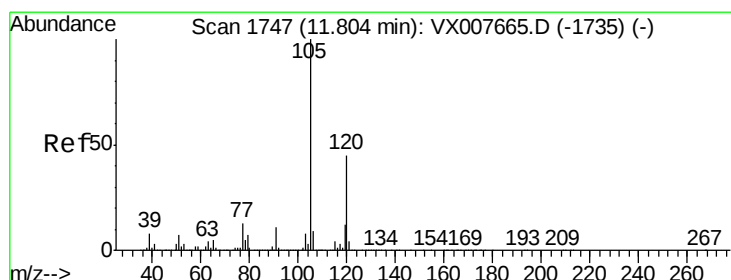
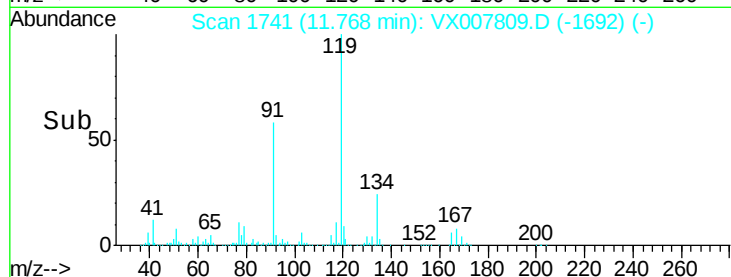
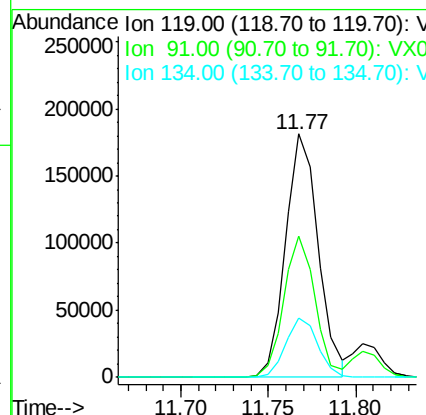
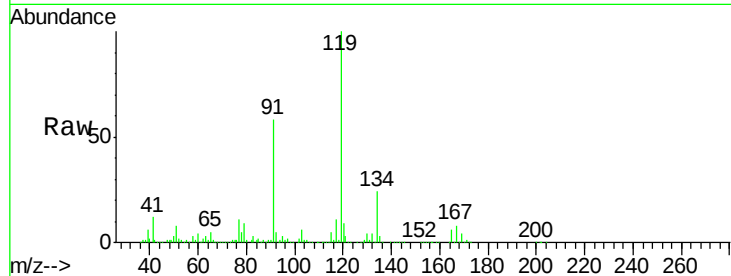
#83  
tert-Butylbenzene  
Concen: 20.155 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 235645 |       |       |
| 91      | 55.6  | 28.5   | 85.6  |       |
| 134     | 23.9  | 12.0   | 36.0  |       |

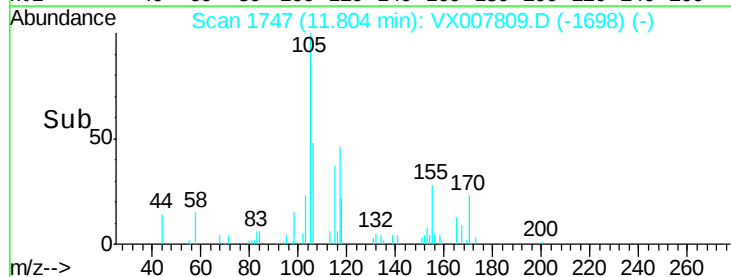
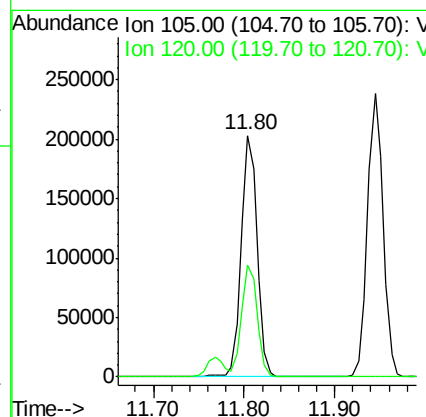
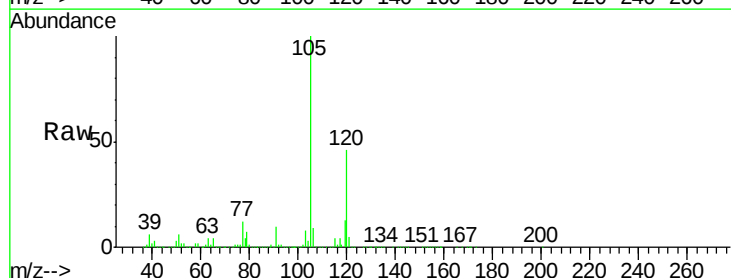
Manual Integrations  
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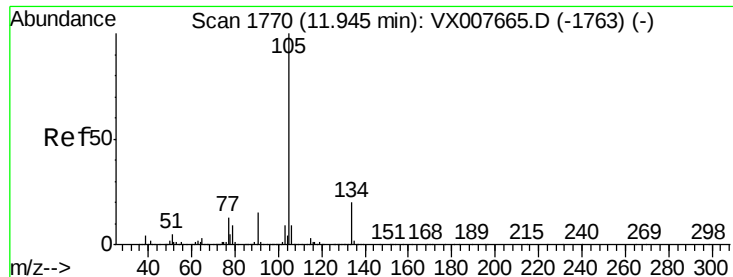
MMDadoda  
3/5/2019 9:34:30 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 19.923 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 248161 |       |       |
| 120     | 45.1  | 23.1   | 69.3  |       |





#85

sec-Butylbenzene

Concen: 19.447 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0304MBS01

Tot Ion:105 Resp: 284909

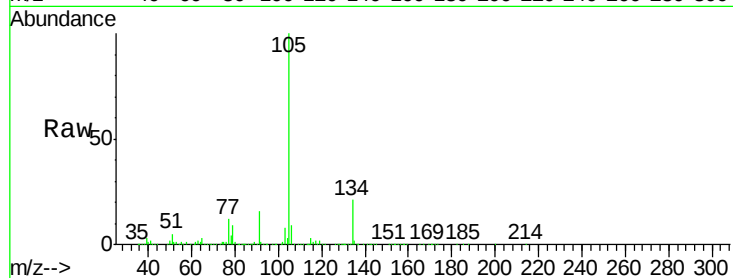
Ion Ratio Lower Upper

105 100

134 20.8 10.6 31.8

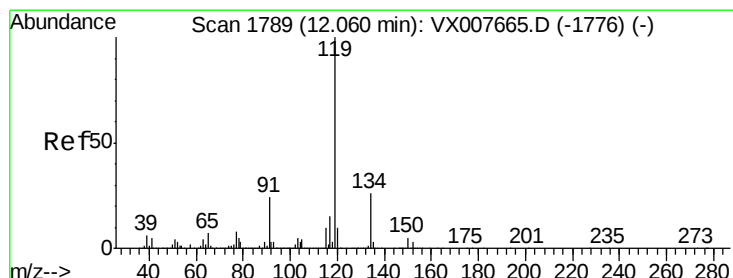
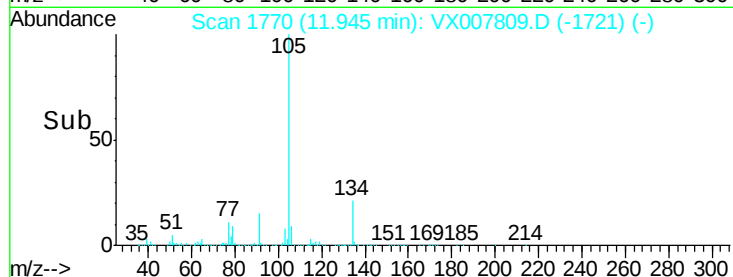
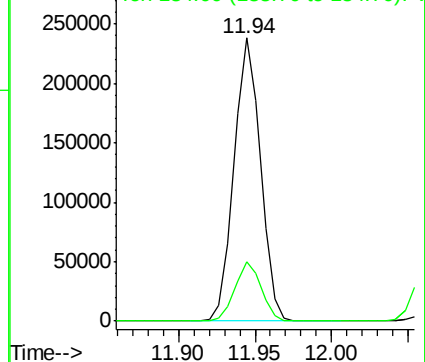
Manual Integrations  
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3/5/2019 9:34:30 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.854 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007809.D

Acq: 04 Mar 2019 14:35

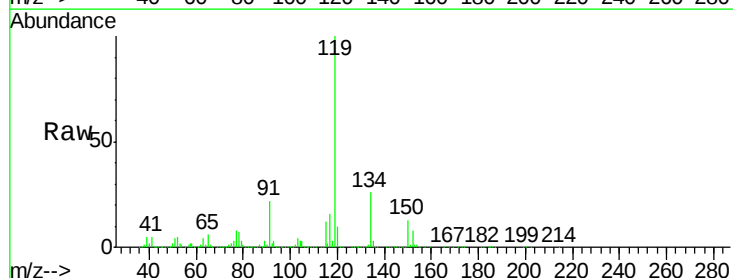
Tgt Ion:119 Resp: 254737

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

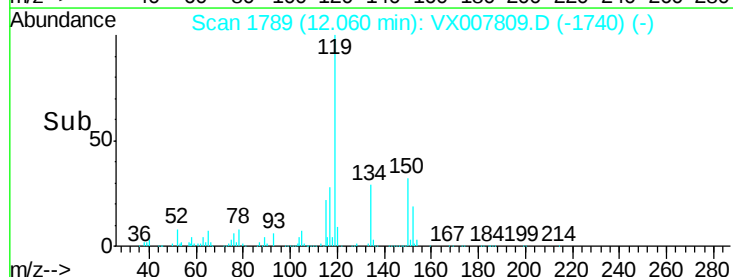
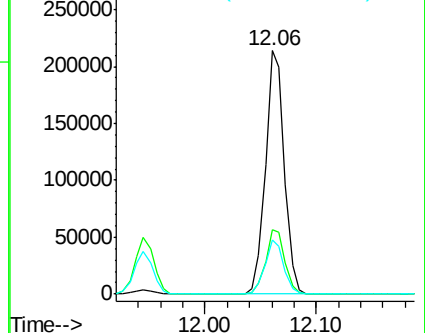
91 21.9 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





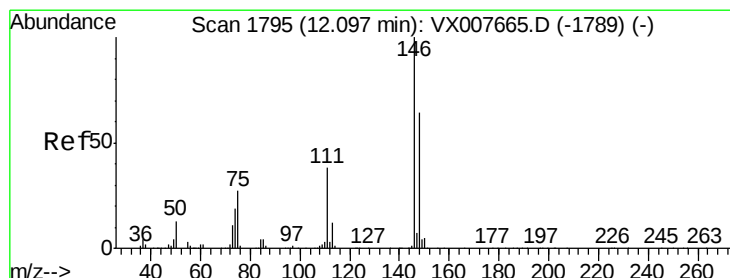
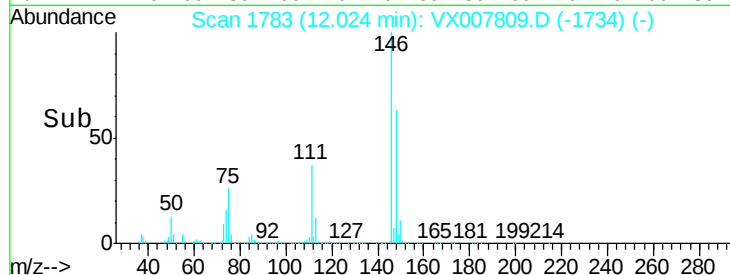
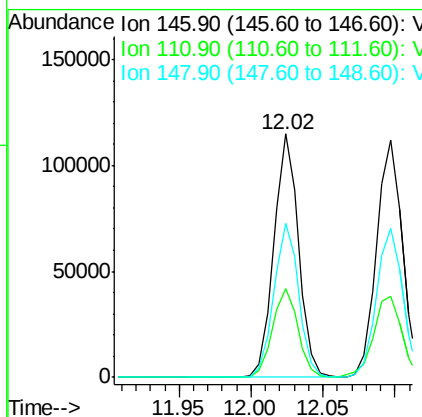
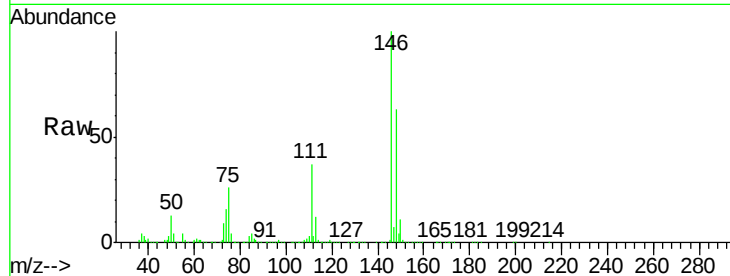
#87  
 1,3-Dichlorobenzene  
 Concen: 19.881 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX007809.D  
 Acq: 04 Mar 2019 14:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0304MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.5  | 18.1  | 54.1  |
| 148     | 63.8  | 32.0  | 96.2  |

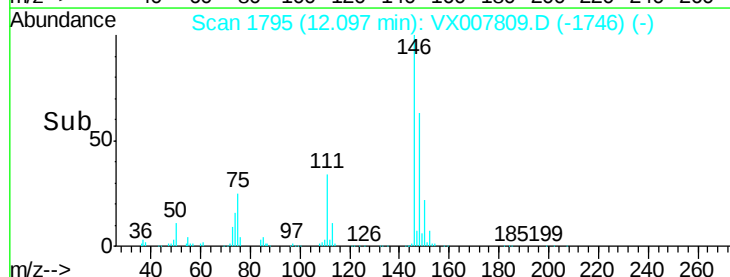
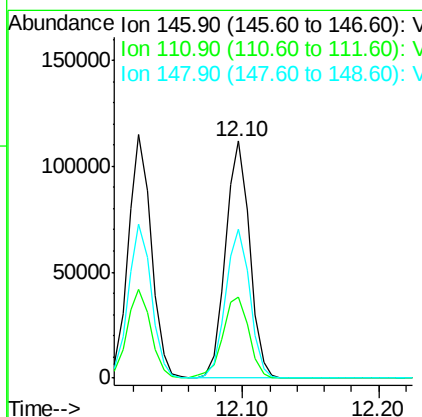
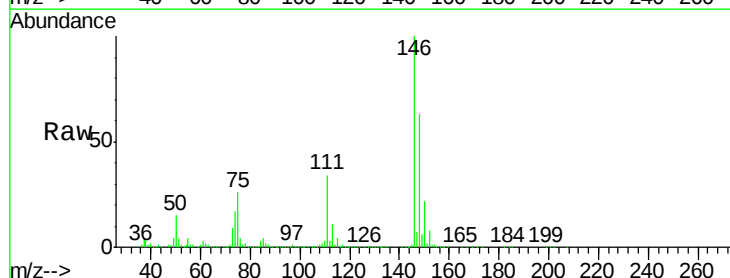
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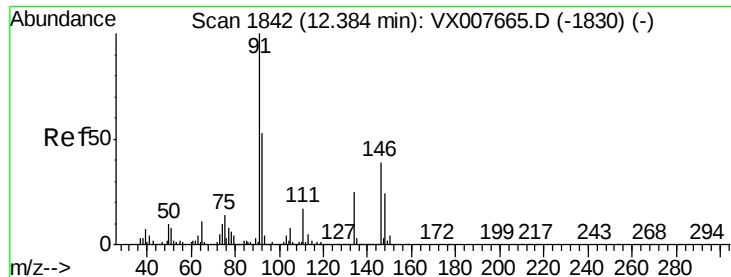
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 19.437 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX007809.D  
 Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.1  | 18.1  | 54.1  |
| 148     | 63.9  | 32.3  | 96.9  |





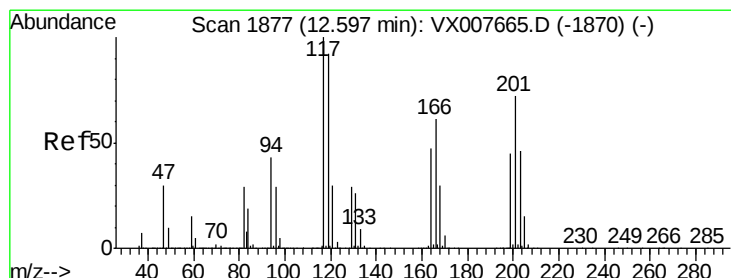
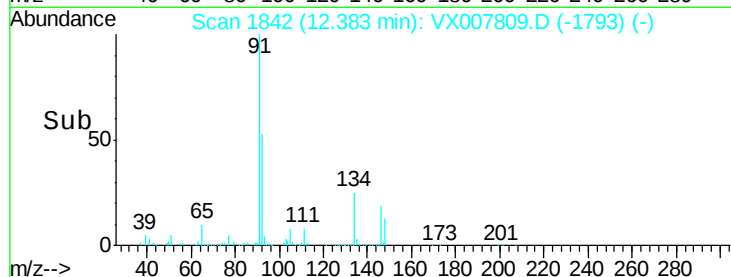
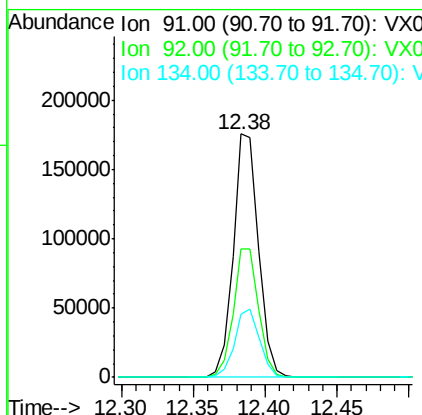
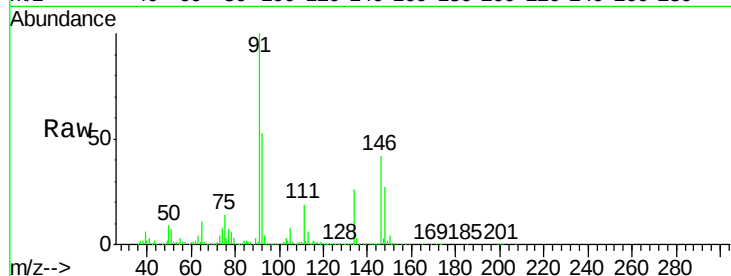
#89  
n-Butylbenzene  
Concen: 18.708 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.3  | 26.3  | 78.9  |
| 134     | 27.7  | 13.9  | 41.6  |

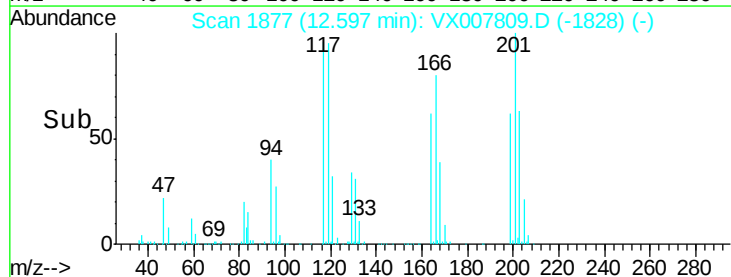
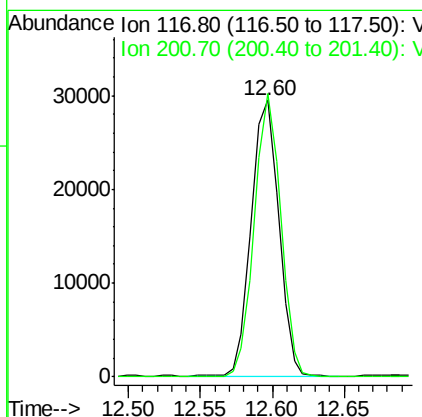
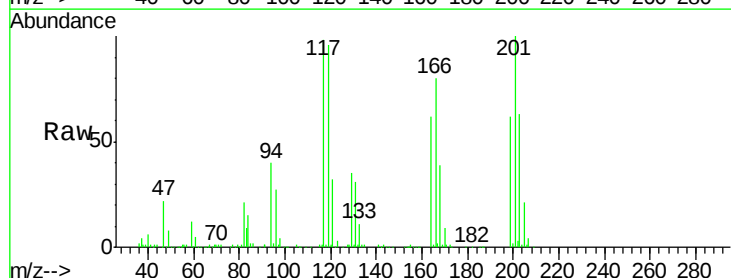
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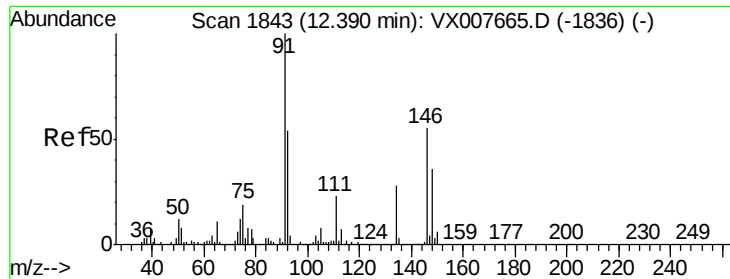
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#90  
Hexachloroethane  
Concen: 17.920 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 98.7  | 44.9  | 134.7 |





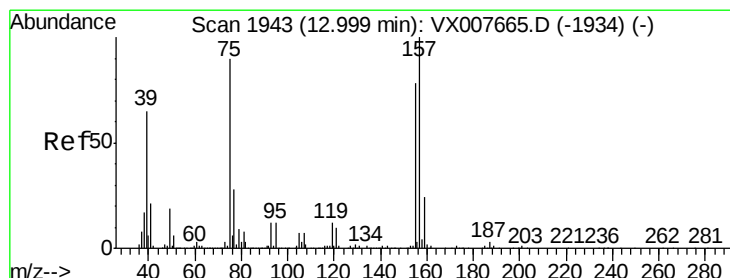
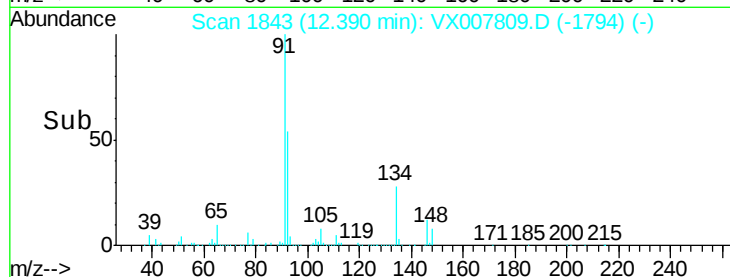
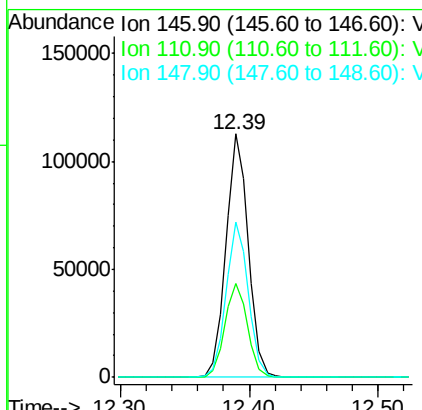
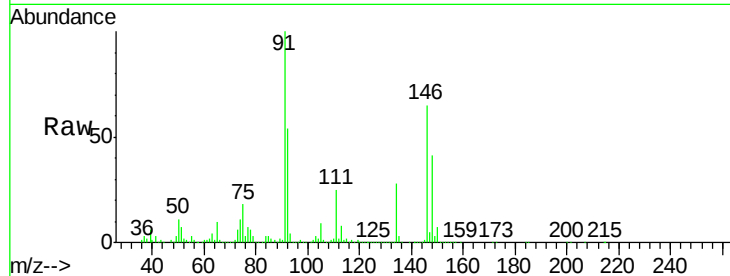
#91  
 1,2-Dichlorobenzene  
 Concen: 19.927 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX007809.D  
 Acq: 04 Mar 2019 14:35

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0304MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 19.1  | 57.3  |
| 148     | 63.5  | 32.1  | 96.3  |

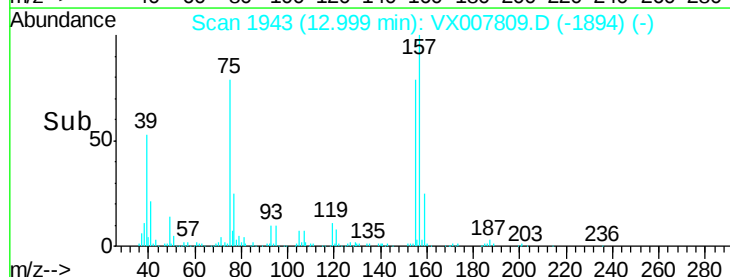
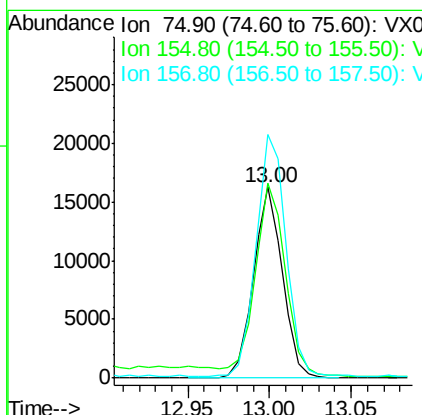
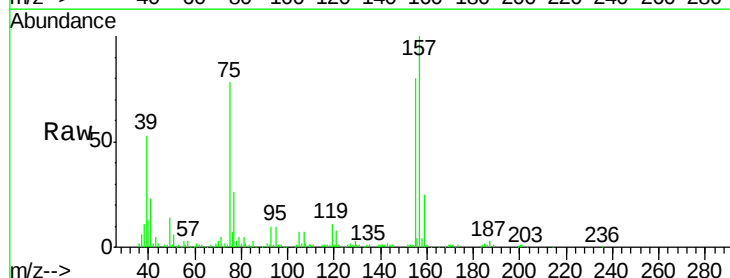
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.957 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX007809.D  
 Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 107.8 | 49.6  | 149.0 |
| 157     | 131.1 | 65.1  | 195.3 |





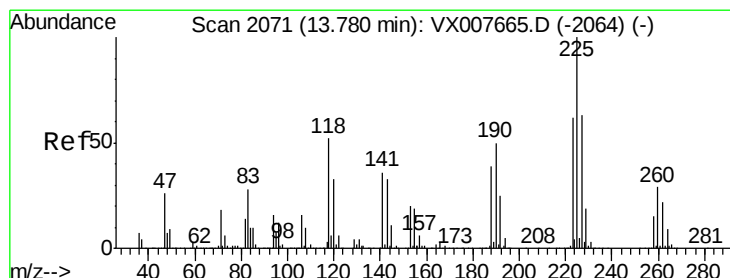
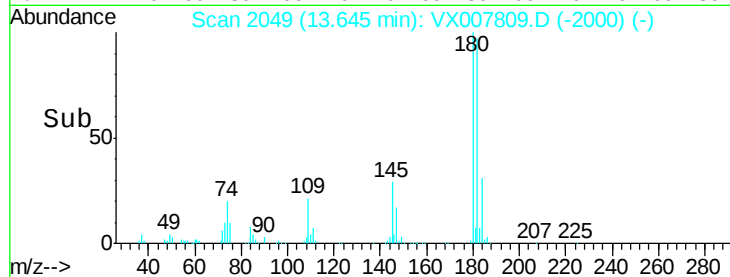
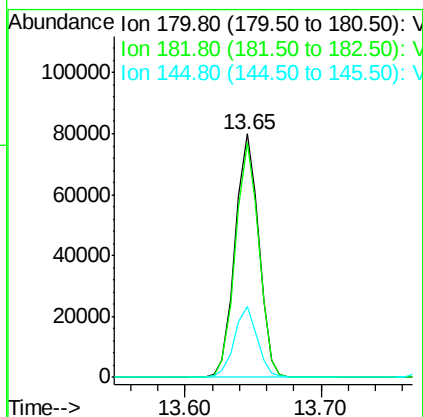
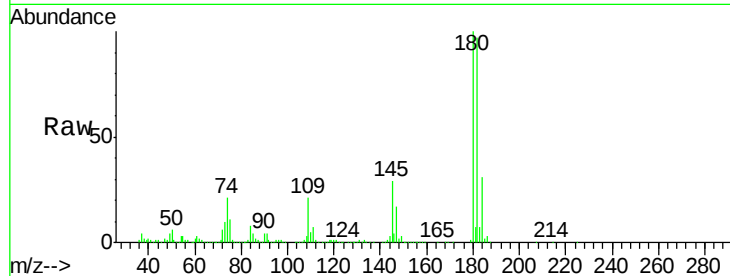
#93  
 1,2,4-Trichlorobenzene  
 Concen: 23.009 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX007809.D  
 Acq: 04 Mar 2019 14:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0304MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.1  | 47.8  | 143.3 |
| 145     | 27.9  | 14.1  | 42.2  |

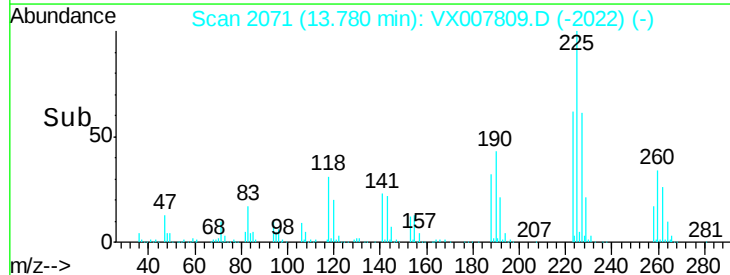
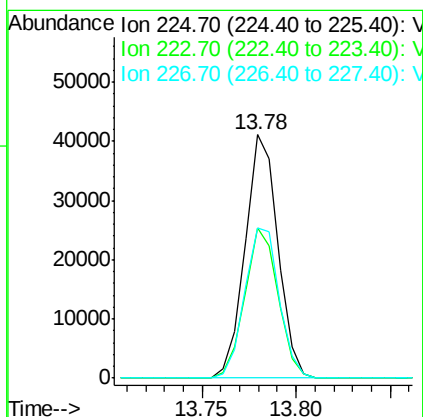
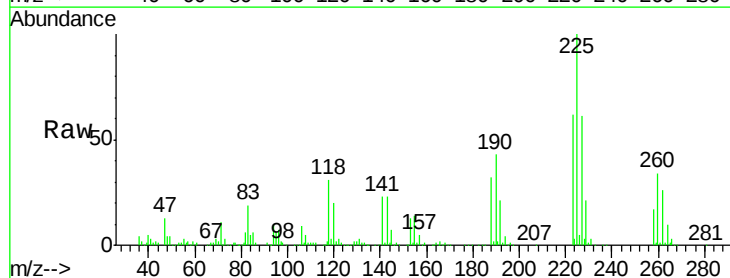
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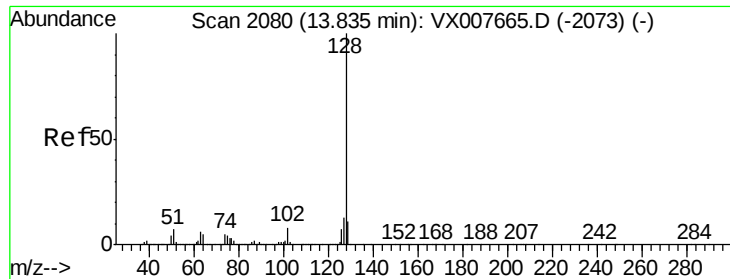
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#94  
 Hexachlorobutadiene  
 Concen: 25.854 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX007809.D  
 Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.4  | 31.6  | 94.8  |
| 227     | 64.7  | 32.1  | 96.3  |





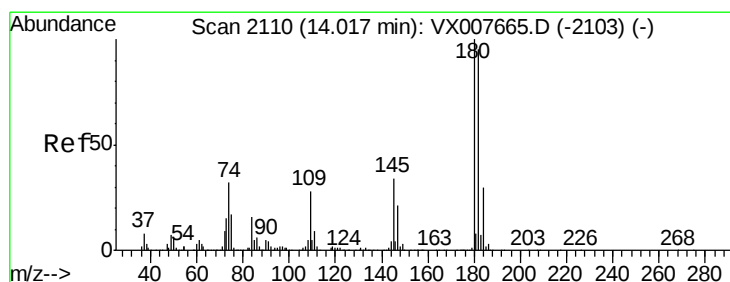
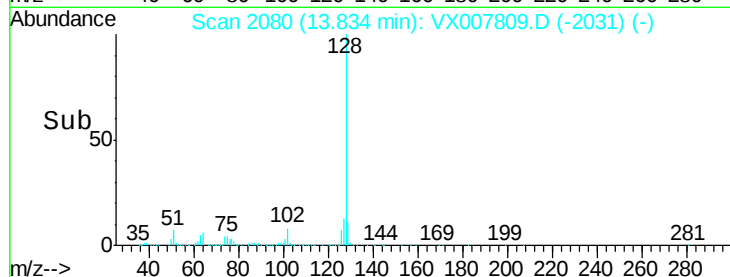
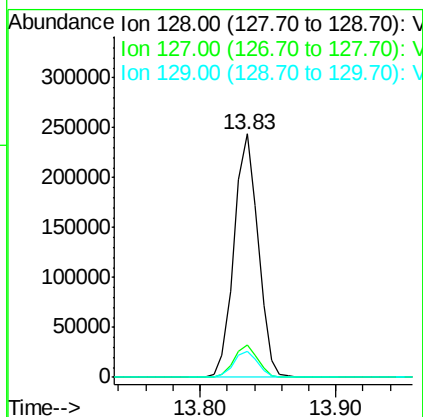
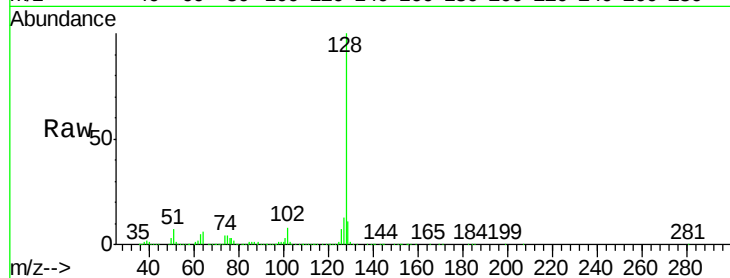
#95  
Naphthalene  
Concen: 22.083 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0304MBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.9  | 10.5  | 15.7  |
| 129     | 10.7  | 8.7   | 13.1  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 23.115 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. -0.00 min  
Lab File: VX007809.D  
Acq: 04 Mar 2019 14:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 47.5  | 142.6 |
| 145     | 30.0  | 14.9  | 44.5  |

