

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\  
 Data File : VW008769.D  
 Acq On : 21 Feb 2019 13:31  
 Operator : SY/VA  
 Sample : VSTDICV050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICSVW022119

Manual Integrations  
 APPROVED

MMDadoda  
 2/22/2019 12:25:39 PM

Quant Time: Feb 22 00:54:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W022119S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 22 00:38:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 351933   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 497468   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 471661   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 256570   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.30   | 65  | 158653   | 48.06 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.12%  |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 148906   | 49.85 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.70%  |      |
| 50) Toluene-d8            | 10.32  | 98  | 622908   | 54.02 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.04% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 233810   | 51.79 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.58% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 168759  | 47.877  | ug/l | 97     |
| 3) Chloromethane              | 2.21 | 50  | 226993  | 52.903  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.35 | 62  | 258762  | 56.959  | ug/l | 99     |
| 5) Bromomethane               | 2.75 | 94  | 169275  | 50.166  | ug/l | 97     |
| 6) Chloroethane               | 2.91 | 64  | 166106  | 51.491  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 271260  | 47.211  | ug/l | 97     |
| 8) Diethyl Ether              | 3.68 | 74  | 78639   | 43.231  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 163493  | 46.858  | ug/l | 99     |
| 10) Methyl Iodide             | 4.27 | 142 | 230834  | 52.906  | ug/l | 100    |
| 11) Tert butyl alcohol        | 5.16 | 59  | 64443   | 219.298 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 145115  | 47.094  | ug/l | 100    |
| 13) Acrolein                  | 3.89 | 56  | 66660   | 217.825 | ug/l | 99     |
| 14) Allyl chloride            | 4.67 | 41  | 258060  | 48.524  | ug/l | 98     |
| 15) Acrylonitrile             | 5.36 | 53  | 175417  | 224.702 | ug/l | 98     |
| 16) Acetone                   | 4.12 | 43  | 175775  | 229.741 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.37 | 76  | 506105  | 49.503  | ug/l | 100    |
| 18) Methyl Acetate            | 4.67 | 43  | 73873   | 40.707  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 369660  | 44.322  | ug/l | 100    |
| 20) Methylene Chloride        | 4.91 | 84  | 187348  | 49.674  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 164201  | 46.067  | ug/l | 95     |
| 22) Diisopropyl ether         | 6.31 | 45  | 499787  | 47.110  | ug/l | 98     |
| 23) Vinyl Acetate             | 6.26 | 43  | 1528015 | 233.115 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 286126  | 46.543  | ug/l | 98     |
| 25) 2-Butanone                | 7.16 | 43  | 237781  | 222.295 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 7.16 | 77  | 271685  | 48.678  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 179036  | 46.957  | ug/l | 98     |
| 28) Bromochloromethane        | 7.51 | 49  | 115897  | 45.051  | ug/l | 98     |
| 29) Tetrahydrofuran           | 7.53 | 42  | 148376  | 217.667 | ug/l | 100    |
| 30) Chloroform                | 7.68 | 83  | 287373  | 45.566  | ug/l | 100    |
| 31) Cyclohexane               | 7.95 | 56  | 291941  | 46.914  | ug/l | 96     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 272674  | 47.543  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 239732  | 49.506  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.26 | 43  | 101429  | 45.042  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 247997  | 48.561  | ug/l | 100    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\  
 Data File : VW008769.D  
 Acq On : 21 Feb 2019 13:31  
 Operator : SY/VA  
 Sample : VSTDICV050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW022119

Manual Integrations  
 APPROVED

MMDadoda  
 2/22/2019 12:25:39 PM

Quant Time: Feb 22 00:54:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W022119S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 22 00:38:32 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 306692   | 50.775  | ug/l   | 99       |
| 40) Benzene                    | 8.32  | 78   | 646530   | 48.899  | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.48  | 41   | 68609m   | 51.832  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 193519   | 46.204  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.42  | 43   | 202229   | 44.996  | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 182094   | 48.889  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 155242   | 47.514  | ug/l   | 100      |
| 46) Dibromomethane             | 9.46  | 93   | 82879    | 45.604  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.65  | 83   | 208163   | 47.078  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.44  | 41   | 102692   | 47.708  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.44  | 88   | 27750    | 953.493 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 527520   | 231.189 | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 447242   | 49.842  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 216949   | 48.137  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 248058   | 48.259  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 113792   | 46.170  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 151776   | 47.399  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 204276   | 46.943  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.92  | 63   | 381702   | 237.012 | ug/l   | 98       |
| 59) 2-Hexanone                 | 10.97 | 43   | 387149   | 238.354 | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 138398   | 46.038  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 112409   | 46.077  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.86 | 164  | 166735   | 49.385  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.66 | 112  | 490545   | 49.462  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 158595   | 47.294  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.73 | 91   | 908350   | 51.234  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.84 | 106  | 720464   | 101.706 | ug/l   | 100      |
| 69) o-Xylene                   | 12.16 | 106  | 334553   | 50.317  | ug/l   | 98       |
| 70) Styrene                    | 12.18 | 104  | 545724   | 51.016  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 82001    | 45.491  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.46 | 105  | 937754   | 53.315  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.27 | 43   | 221232   | 49.934  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 130947   | 45.563  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 96327m   | 45.473  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 207948   | 50.030  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.80 | 91   | 1140998  | 53.032  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 628585   | 51.458  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 807884   | 52.854  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 42406    | 48.667  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 666971   | 51.813  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 686675   | 51.956  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 815910   | 51.566  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.38 | 105  | 1004079  | 52.835  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 913102   | 52.412  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 434744   | 50.413  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 423756   | 49.858  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.83 | 91   | 880065   | 53.921  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 146587   | 51.398  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 376935   | 49.055  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 24309    | 46.759  | ug/l   | 97       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022119\  
Data File : VW008769.D  
Acq On : 21 Feb 2019 13:31  
Operator : SY/VA  
Sample : VSTDICV050  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM

Quant Time: Feb 22 00:54:03 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W022119S.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 22 00:38:32 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 276406   | 49.926 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 166044   | 50.917 | ug/l  | 99       |
| 95) Naphthalene            | 15.37 | 128  | 458413   | 48.631 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 234164   | 48.918 | ug/l  | 99       |

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

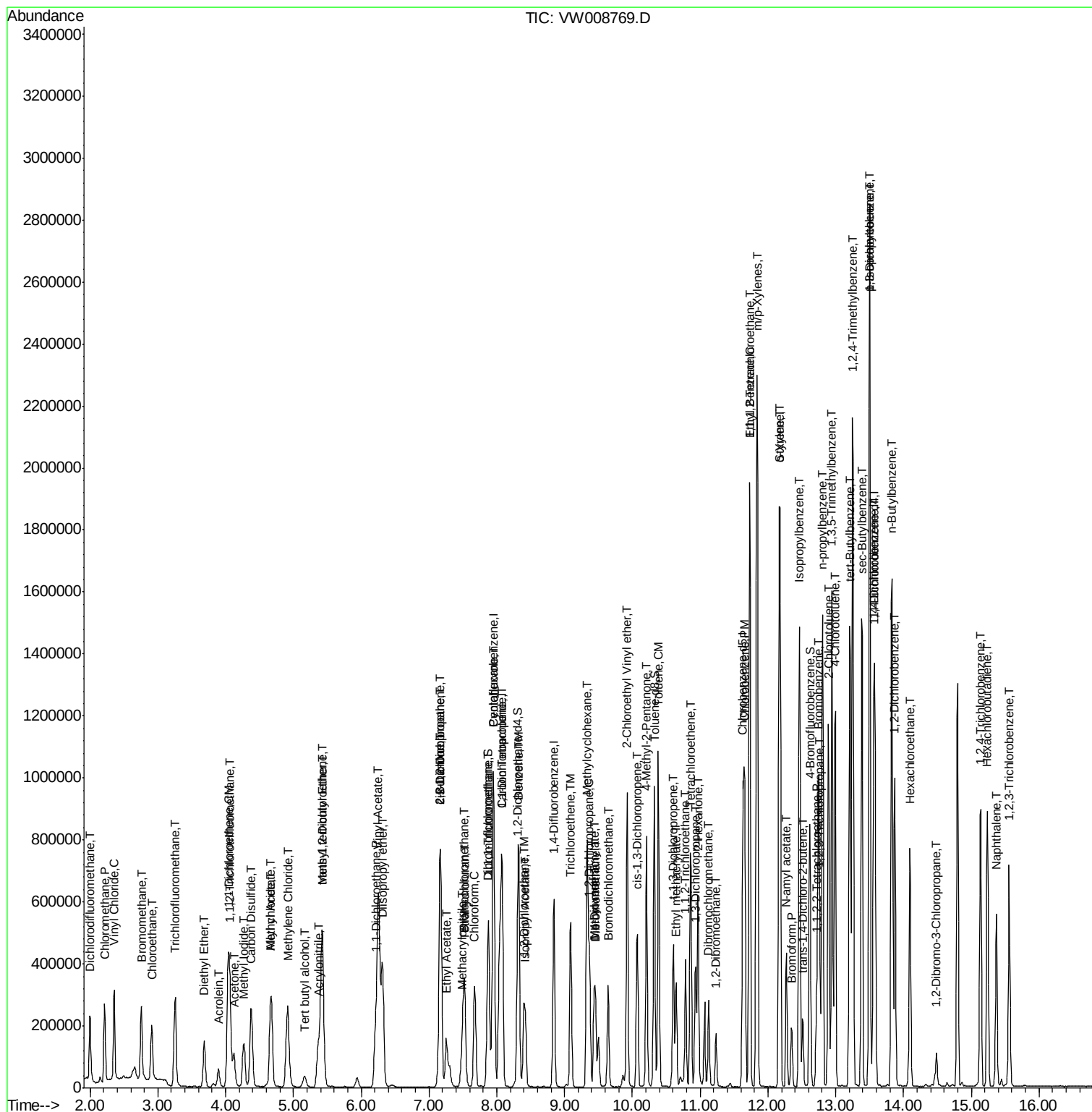
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022119\  
Data File : VW008769.D  
Acq On : 21 Feb 2019 13:31  
Operator : SY/VA  
Sample : VSTDICV050  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 9 Sample Multiplier: 1

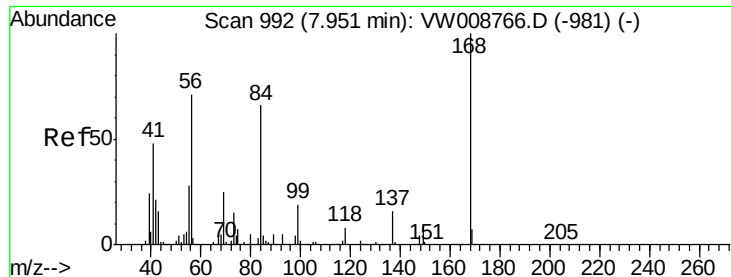
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM

Quant Time: Feb 22 00:54:03 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W022119S.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 22 00:38:32 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

ClientSampleId :

ICVW022119

Tot Ion:168 Resp: 351933

Ion Ratio Lower Upper

168 100

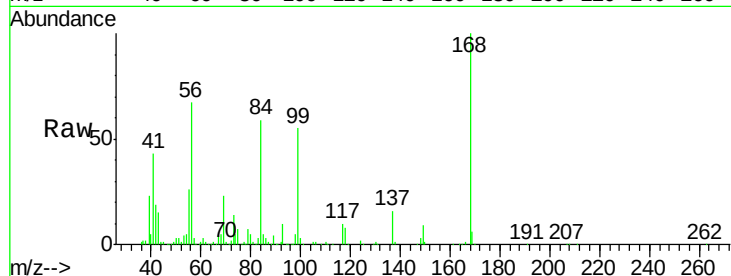
99 55.3 42.2 63.2

Manual Integrations

APPROVED

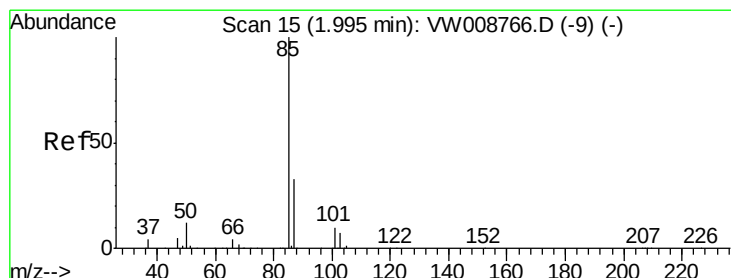
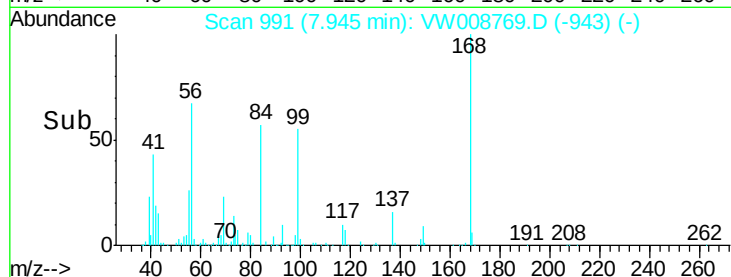
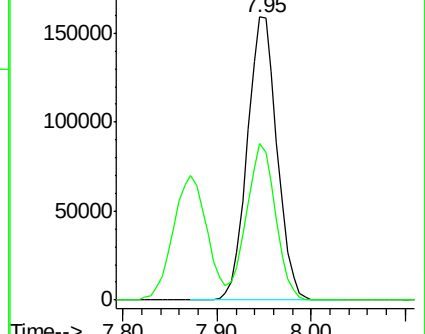
MMDadoda

2/22/2019 12:25:39 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 47.877 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW008769.D

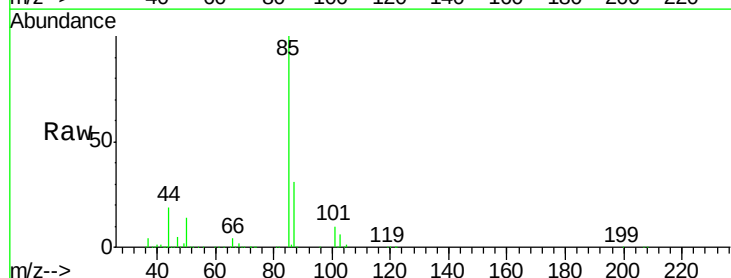
Acq: 21 Feb 2019 13:31

Tgt Ion: 85 Resp: 168759

Ion Ratio Lower Upper

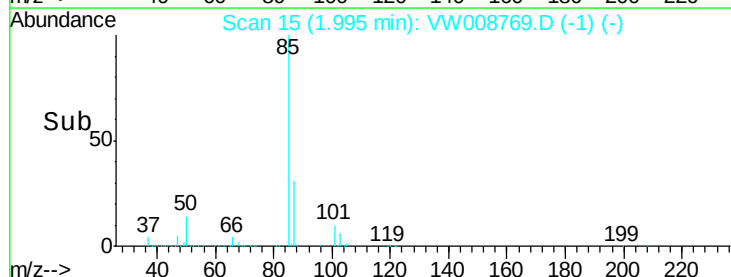
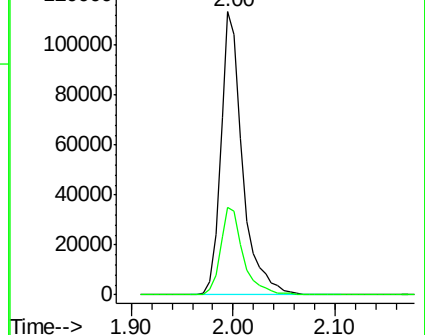
85 100

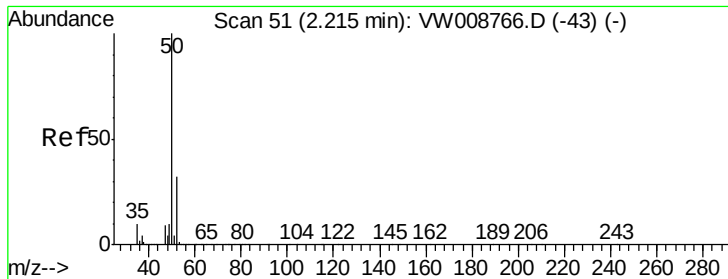
87 30.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 52.903 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

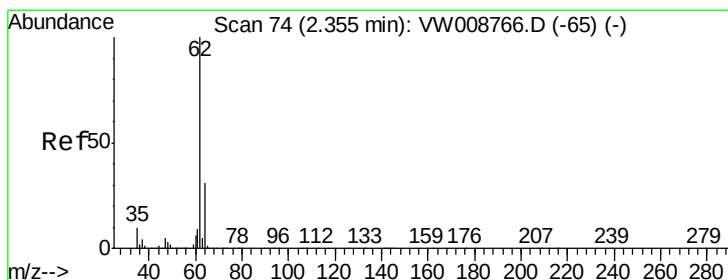
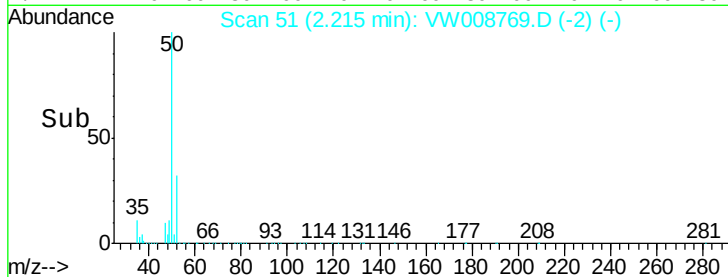
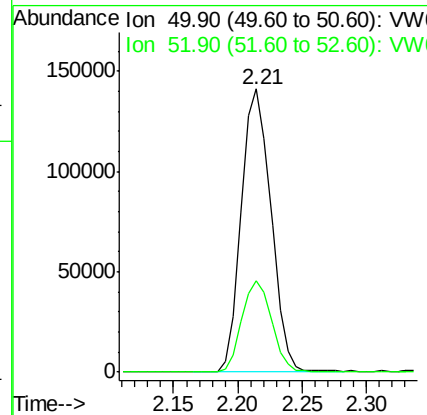
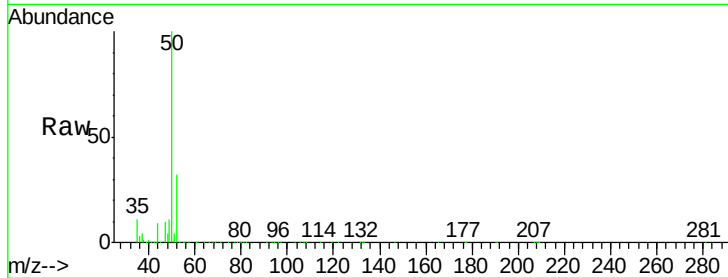
ClientSampleId :

ICVW022119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 50      | 100   |       |       |
| 52      | 32.3  | 25.9  | 38.9  |

Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM



#4

Vinyl Chloride

Concen: 56.959 ug/l

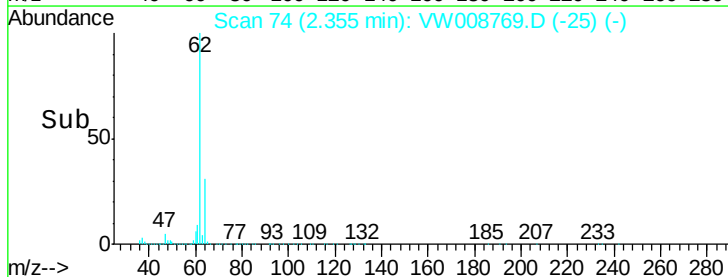
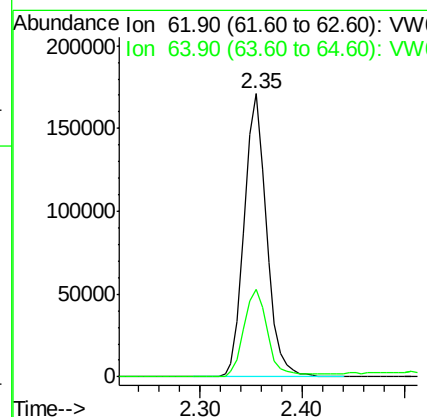
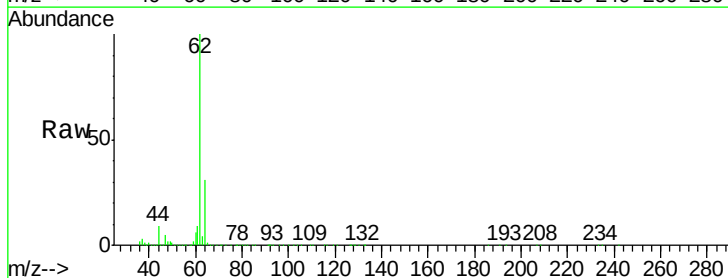
RT: 2.35 min Scan# 74

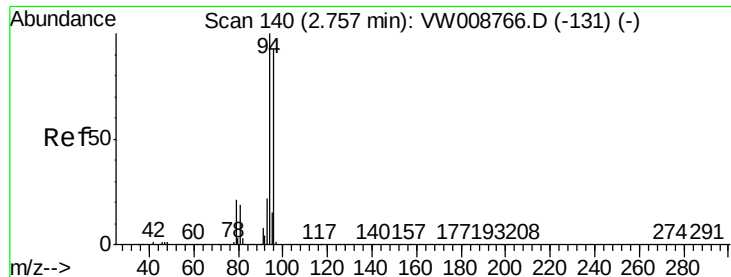
Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 64      | 30.7  | 24.9  | 37.3  |





#5

Bromomethane

Concen: 50.166 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

ClientSampleId :

ICVW022119

Tot Ion: 94 Resp: 169275

Ion Ratio Lower Upper

94 100

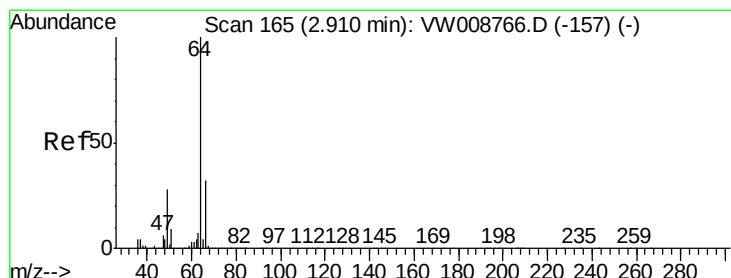
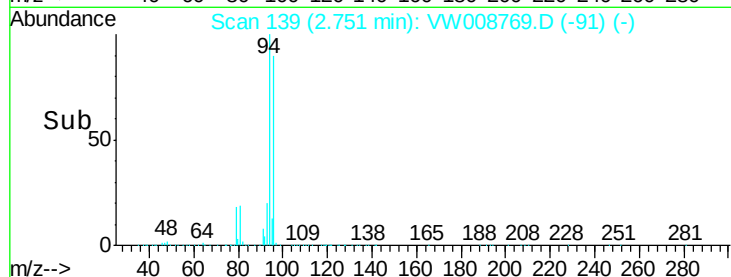
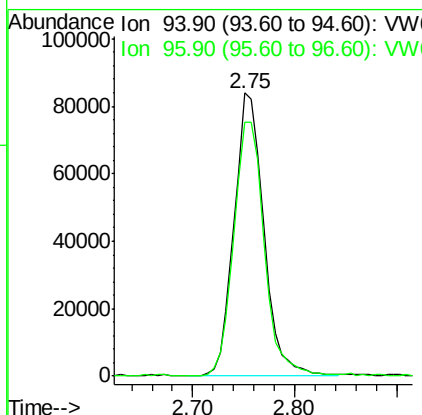
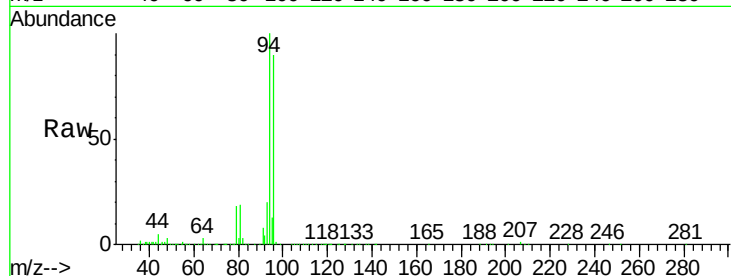
96 89.4 73.4 110.2

Manual Integrations

APPROVED

MMDadoda

2/22/2019 12:25:39 PM



#6

Chloroethane

Concen: 51.491 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW008769.D

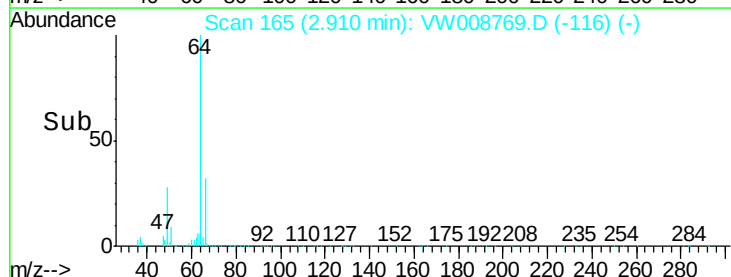
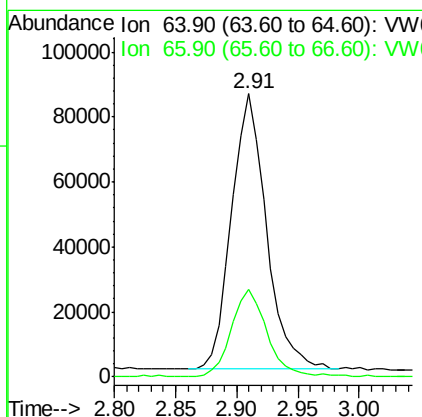
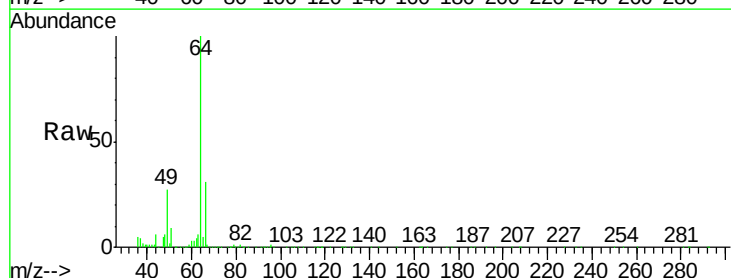
Acq: 21 Feb 2019 13:31

Tgt Ion: 64 Resp: 166106

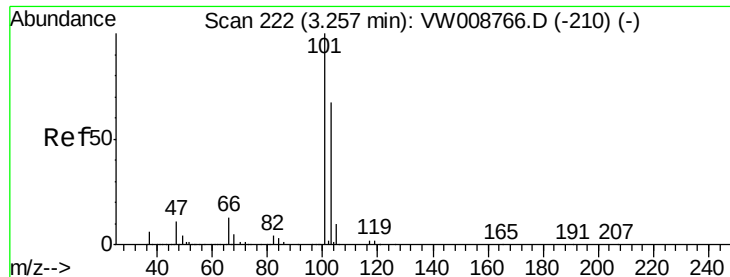
Ion Ratio Lower Upper

64 100

66 31.5 25.5 38.3







#7

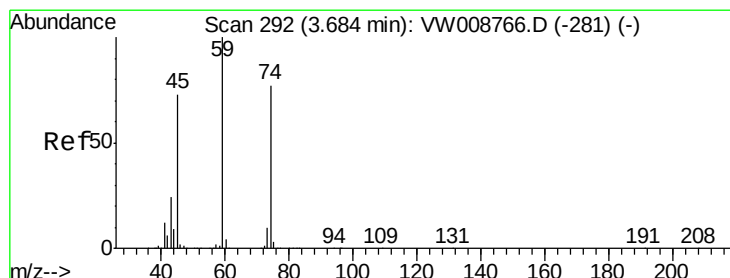
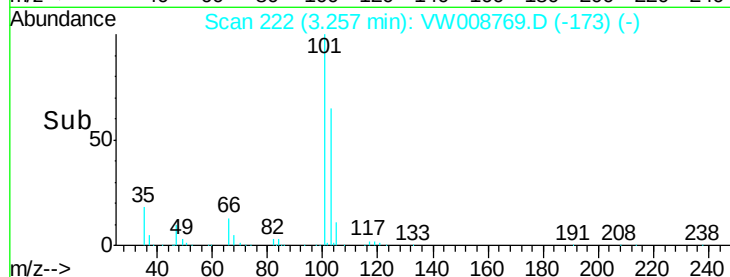
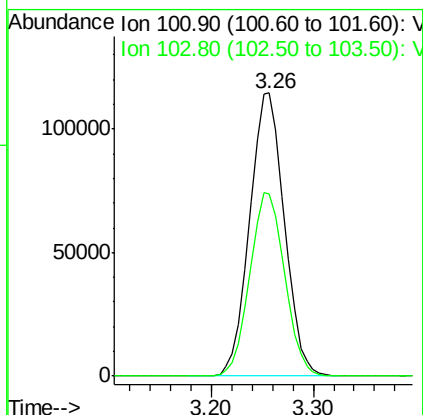
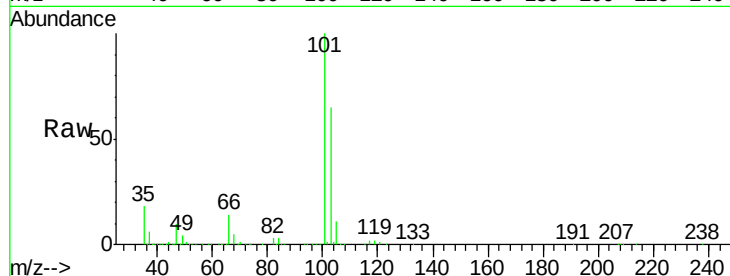
Trichlorofluoromethane  
 Concen: 47.211 ug/l  
 RT: 3.26 min Scan# 222  
 Delta R.T. -0.00 min  
 Lab File: VW008769.D  
 Acq: 21 Feb 2019 13:31

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW022119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.6  | 53.9  | 80.9  |

Manual Integrations  
 APPROVED

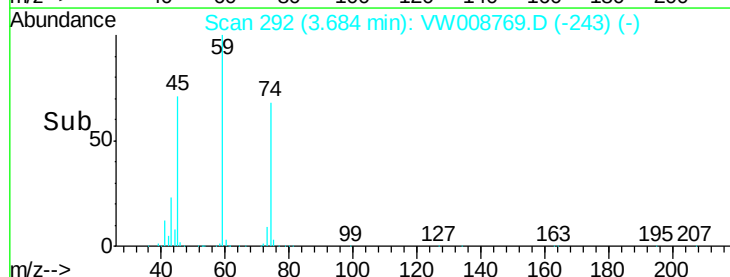
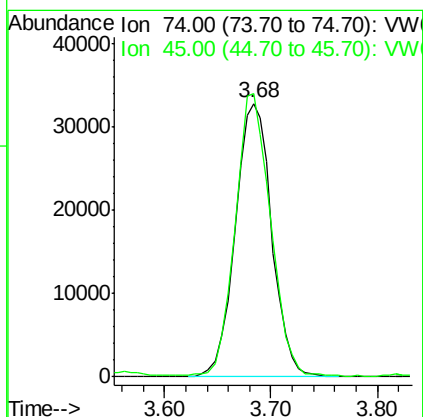
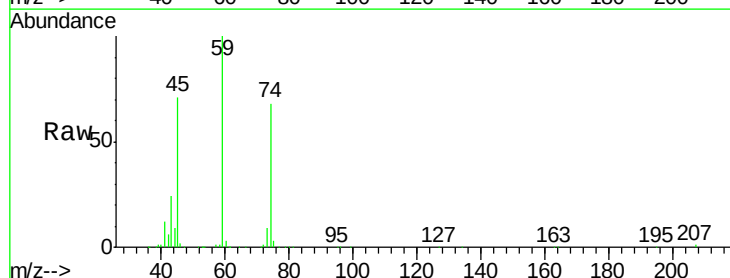
MMDadoda  
 2/22/2019 12:25:39 PM



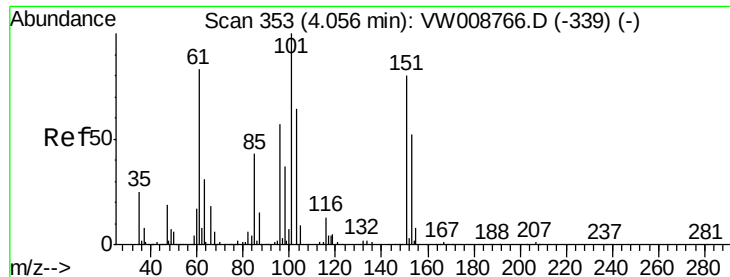
#8

Diethyl Ether  
 Concen: 43.231 ug/l  
 RT: 3.68 min Scan# 292  
 Delta R.T. -0.00 min  
 Lab File: VW008769.D  
 Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 101.6 | 50.2  | 150.6 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.858 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

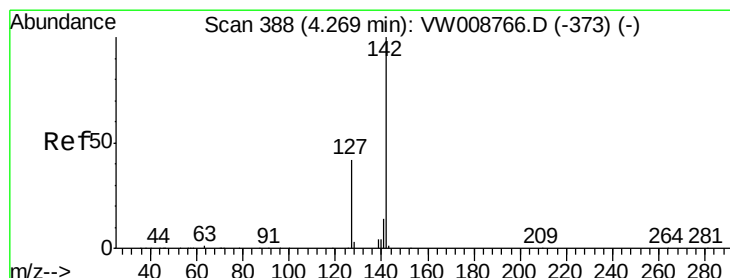
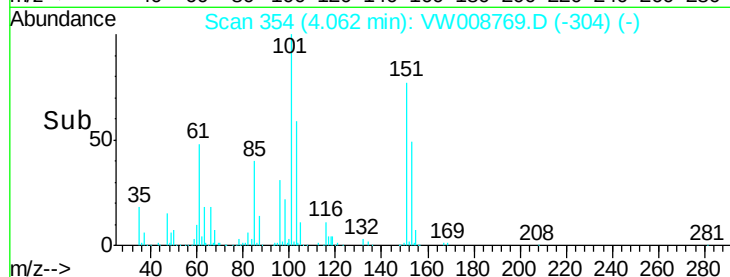
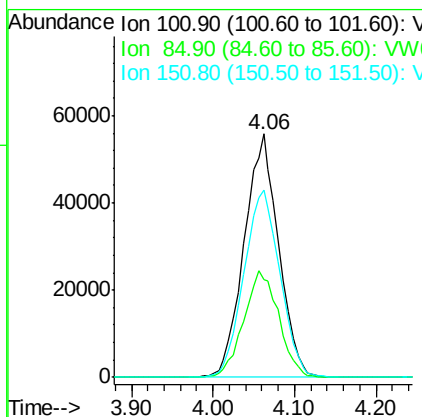
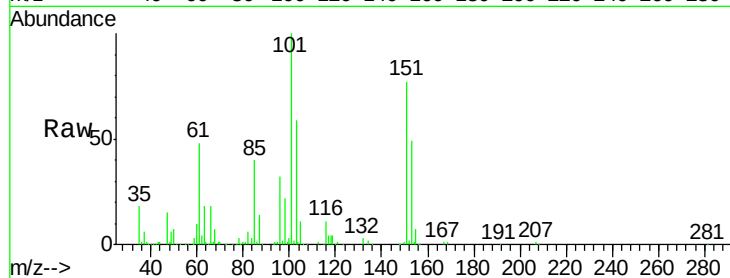
ClientSampleId :

ICVW022119

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 163493 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.5  | 36.0  | 54.0   |
| 151       | 80.8  | 65.5  | 98.3   |

Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM



#10

Methyl Iodide

Concen: 52.906 ug/l

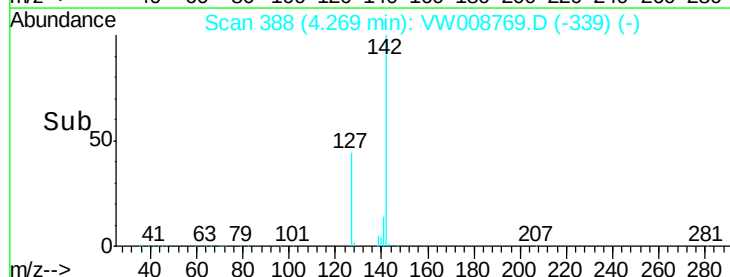
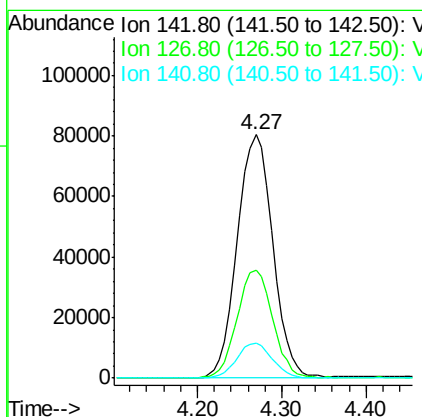
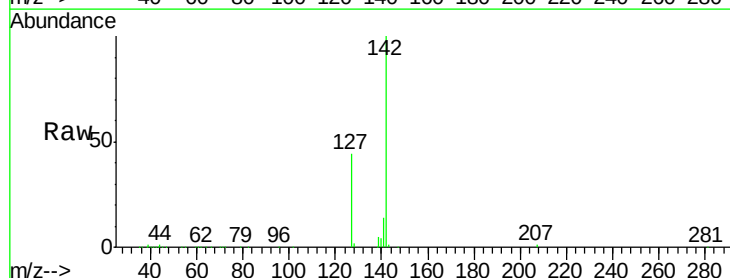
RT: 4.27 min Scan# 388

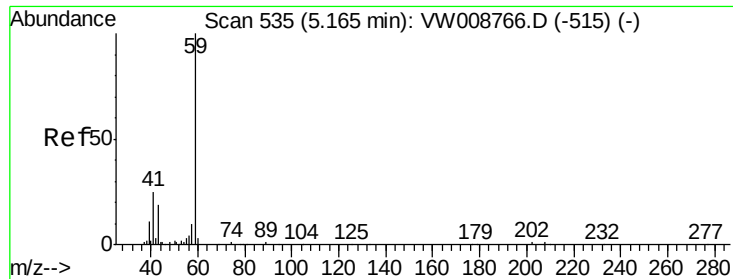
Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 230834 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 44.2  | 35.3  | 52.9   |
| 141       | 14.3  | 11.7  | 17.5   |





#11

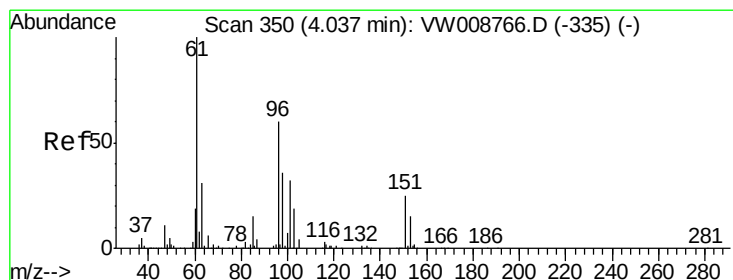
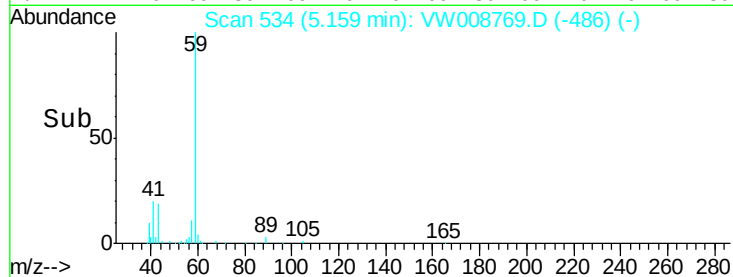
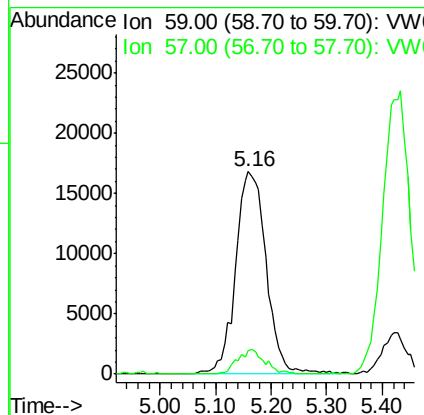
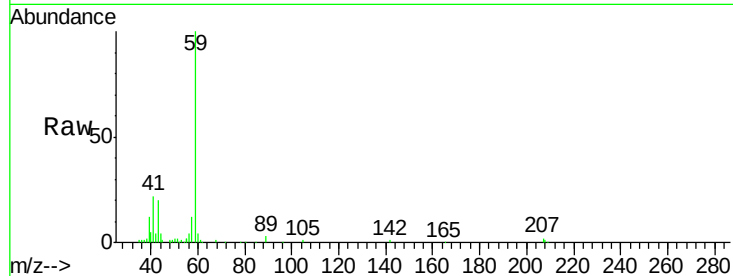
Tert butyl alcohol  
Concen: 219.298 ug/l  
RT: 5.16 min Scan# 534  
Delta R.T. -0.01 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.9  | 9.3   | 13.9  |

Manual Integrations  
APPROVED

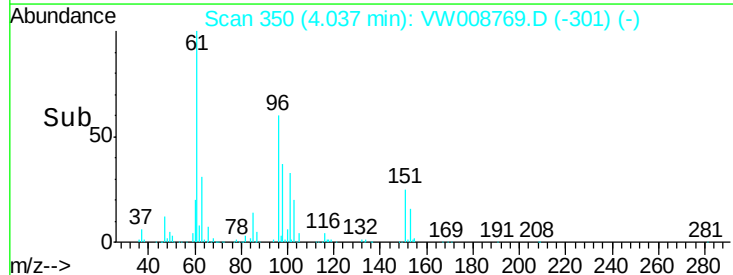
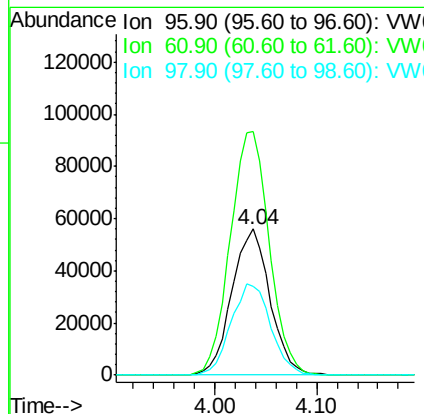
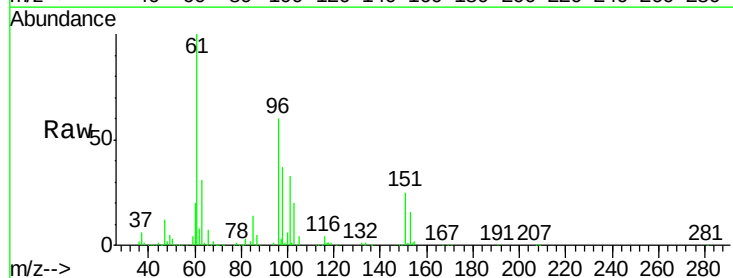
MMDadoda  
2/22/2019 12:25:39 PM

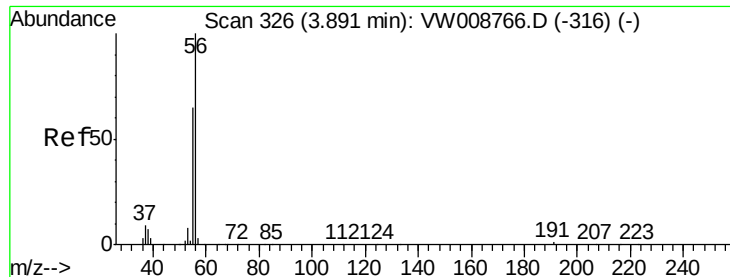


#12

1,1-Dichloroethene  
Concen: 47.094 ug/l  
RT: 4.04 min Scan# 350  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 166.1 | 132.5 | 198.7 |
| 98      | 60.6  | 48.2  | 72.4  |





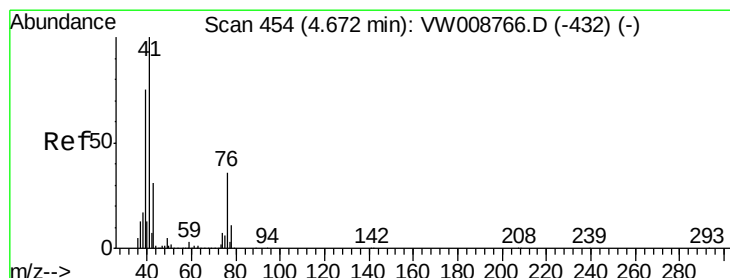
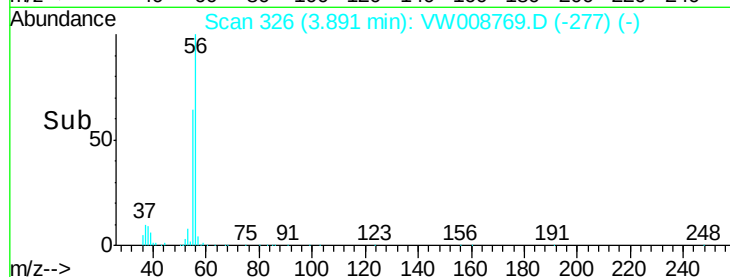
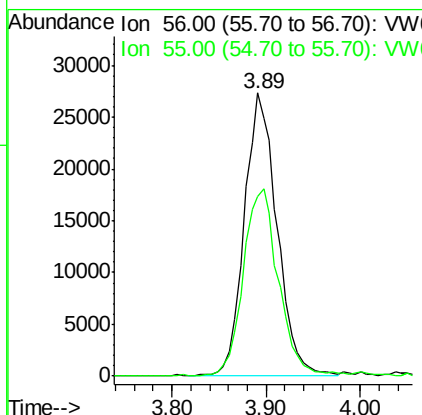
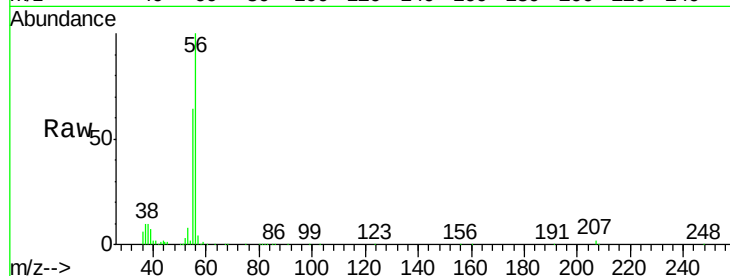
#13  
 Acrolein  
 Concen: 217.825 ug/l  
 RT: 3.89 min Scan# 326  
 Delta R.T. 0.00 min  
 Lab File: VW008769.D  
 Acq: 21 Feb 2019 13:31

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW022119

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 56      | 56  | 100   |       |       |
| 55      | 55  | 70.7  | 56.9  | 85.3  |

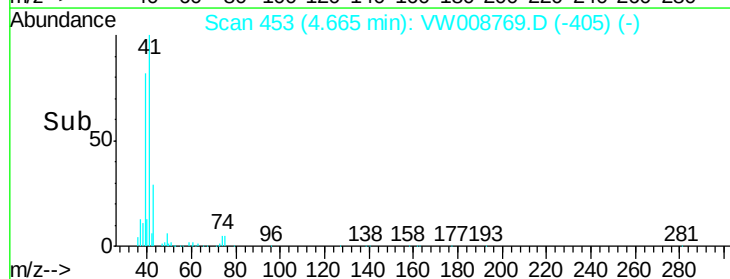
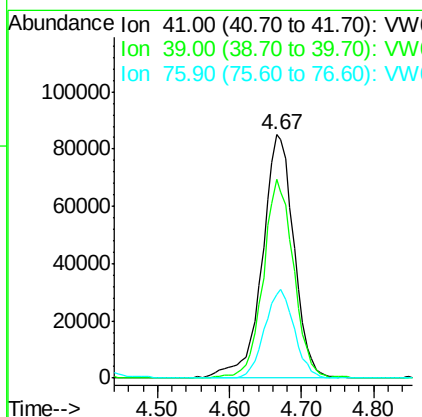
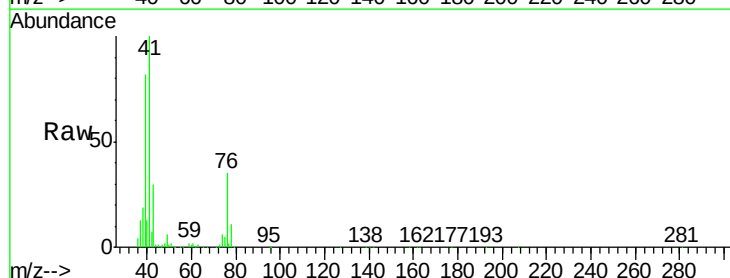
Manual Integrations  
 APPROVED

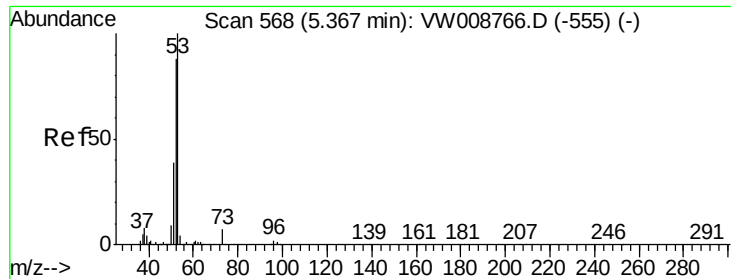
MMDadoda  
 2/22/2019 12:25:39 PM



#14  
 Allyl chloride  
 Concen: 48.524 ug/l  
 RT: 4.67 min Scan# 453  
 Delta R.T. -0.01 min  
 Lab File: VW008769.D  
 Acq: 21 Feb 2019 13:31

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 41      | 41  | 100   |       |       |
| 39      | 39  | 77.9  | 60.6  | 91.0  |
| 76      | 76  | 34.4  | 28.6  | 42.8  |





#15

Acrylonitrile

Concen: 224.702 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

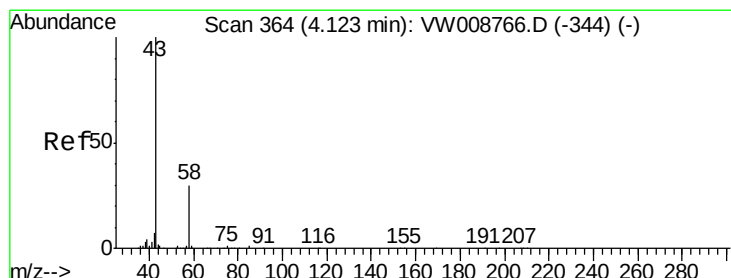
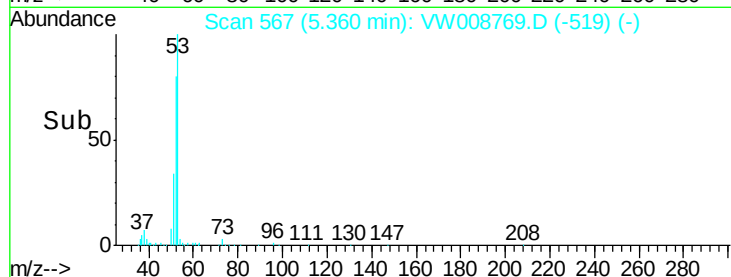
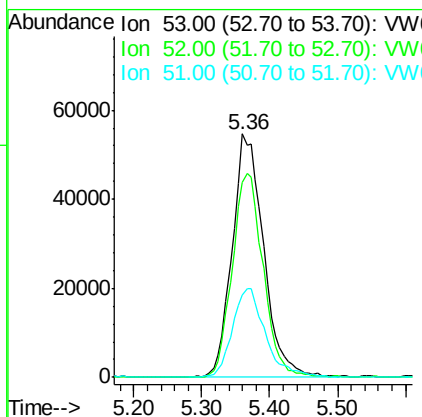
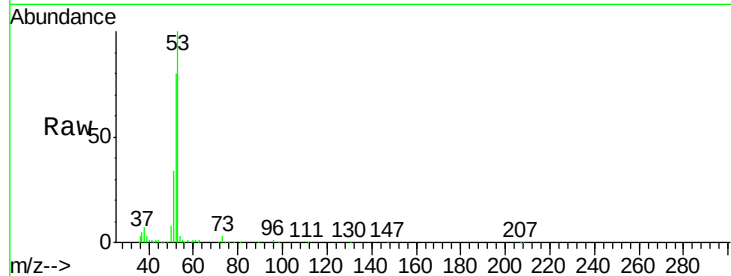
ClientSampleId :

ICVW022119

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 175417 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 82.2 | 67.2  | 100.8  |
| 51        | 38.5 | 31.1  | 46.7   |

Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM



#16

Acetone

Concen: 229.741 ug/l

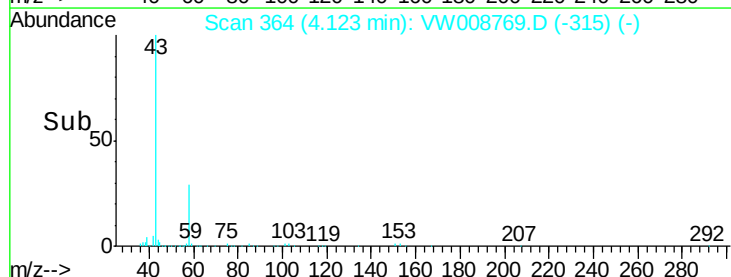
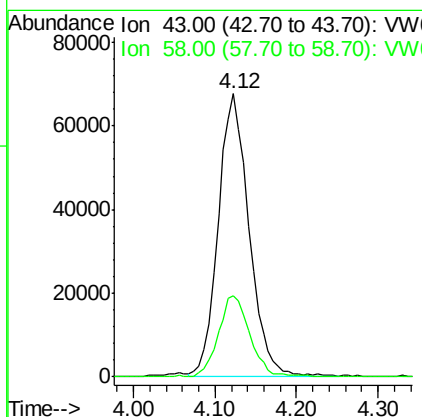
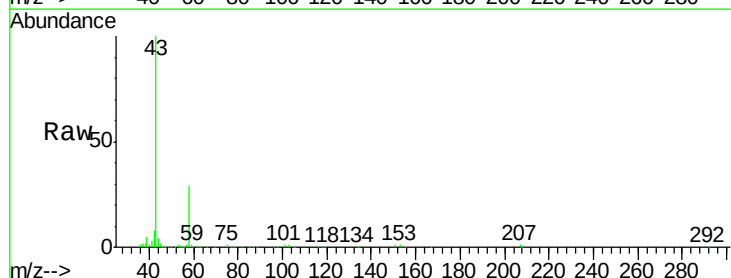
RT: 4.12 min Scan# 364

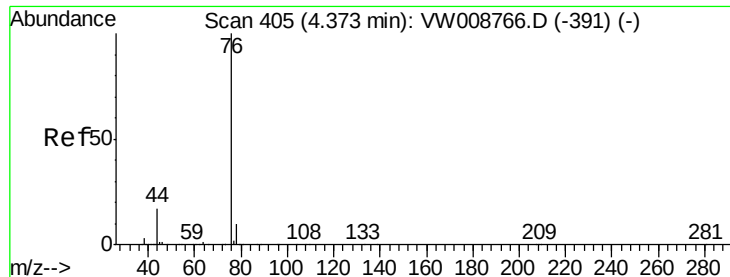
Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 175775 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 28.7 | 23.8  | 35.6   |





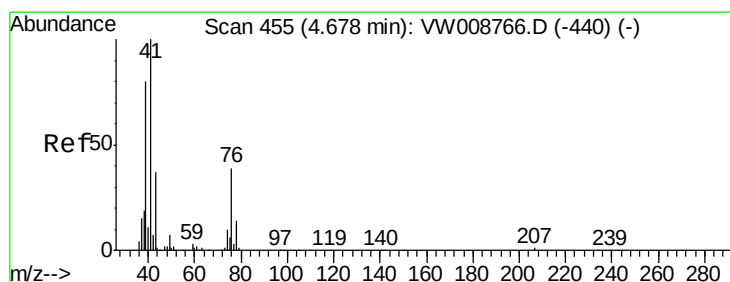
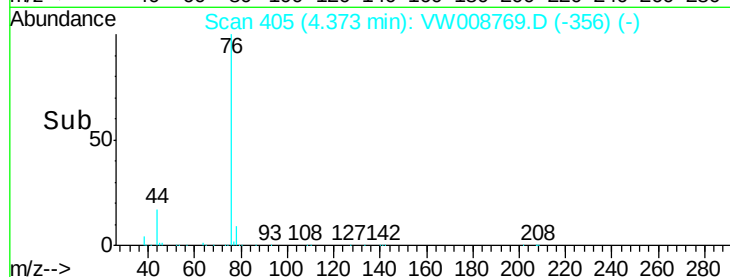
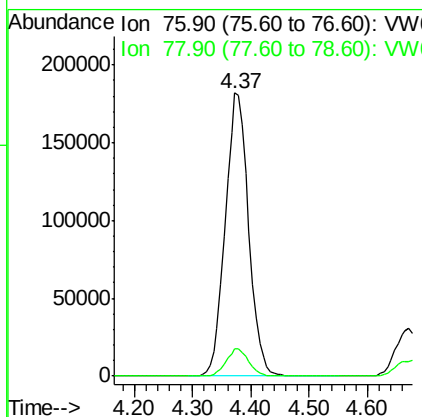
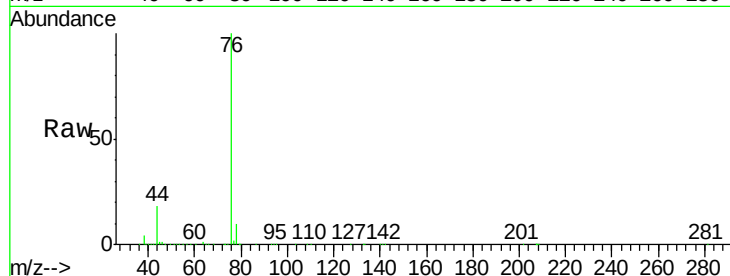
#17  
Carbon Disulfide  
Concen: 49.503 ug/l  
RT: 4.37 min Scan# 405  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.6   | 7.8   | 11.8  |

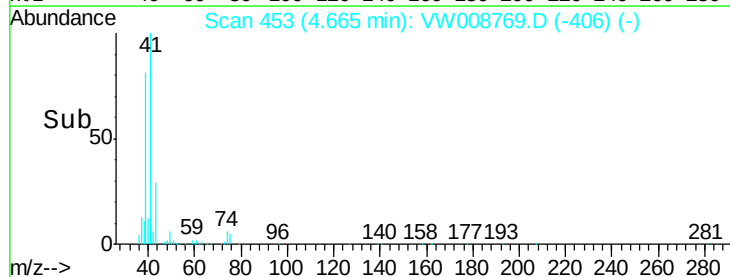
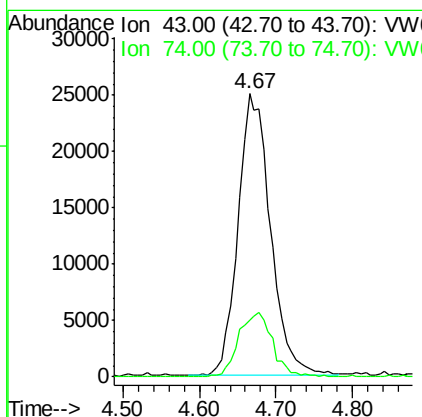
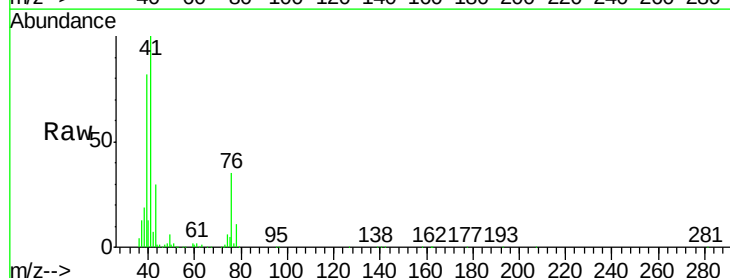
Manual Integrations  
APPROVED

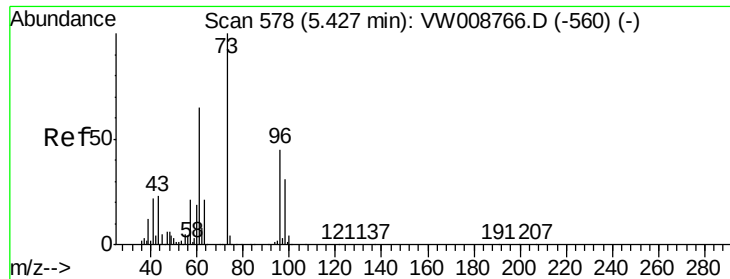
MMDadoda  
2/22/2019 12:25:39 PM



#18  
Methyl Acetate  
Concen: 40.707 ug/l  
RT: 4.67 min Scan# 453  
Delta R.T. -0.01 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 23.8  | 19.4  | 29.2  |





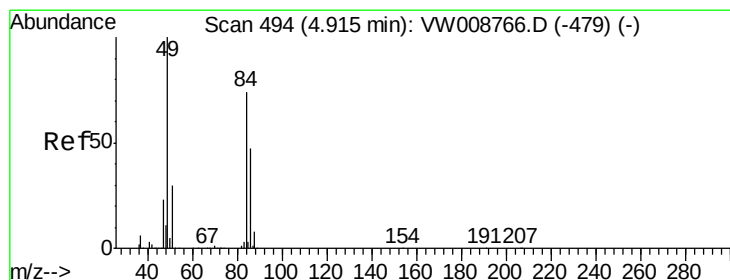
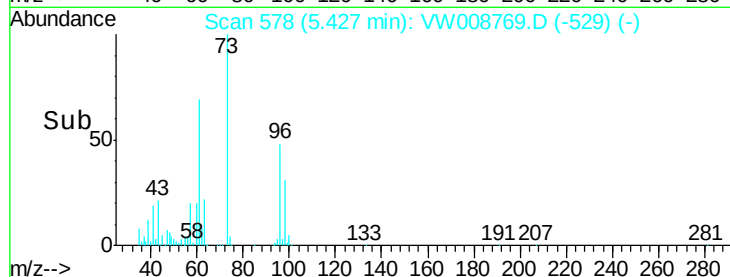
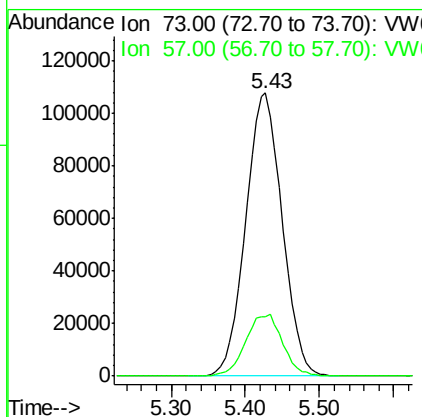
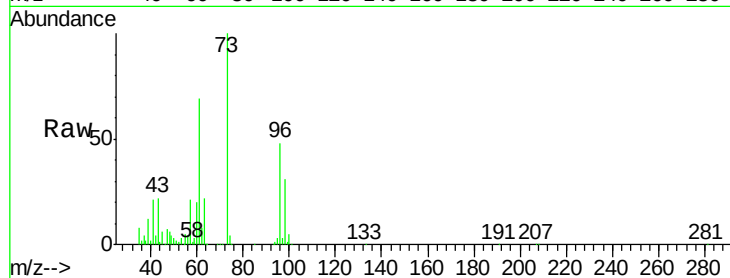
#19  
Methyl tert-butyl Ether  
Concen: 44.322 ug/l  
RT: 5.43 min Scan# 578  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

Tot Ion: 73 Resp: 369660  
Ion Ratio Lower Upper  
73 100  
57 21.1 16.8 25.2

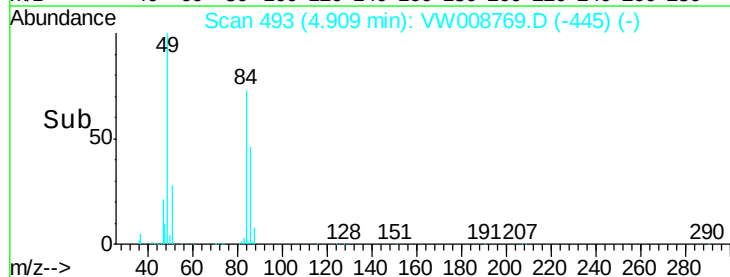
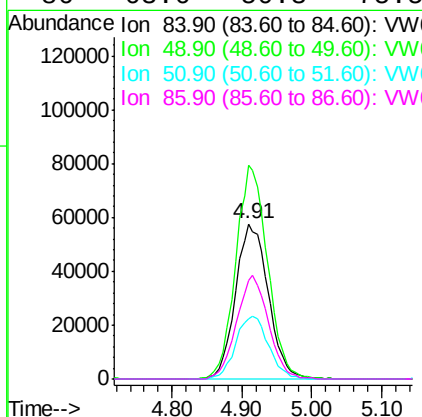
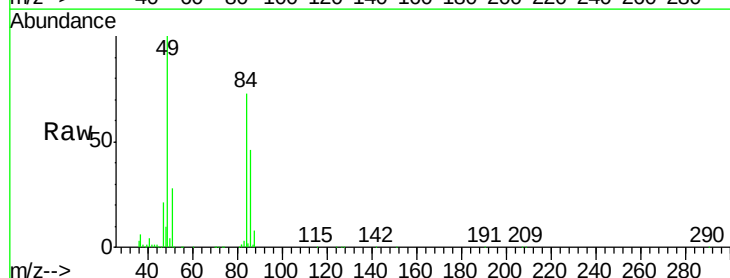
Manual Integrations  
APPROVED

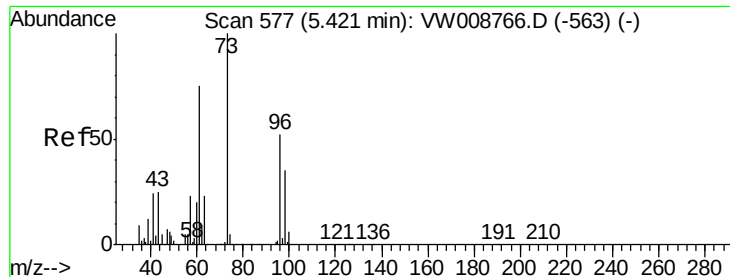
MMDadoda  
2/22/2019 12:25:39 PM



#20  
Methylene Chloride  
Concen: 49.674 ug/l  
RT: 4.91 min Scan# 493  
Delta R.T. -0.01 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Tgt Ion: 84 Resp: 187348  
Ion Ratio Lower Upper  
84 100  
49 137.9 108.2 162.2  
51 38.9 32.7 49.1  
86 63.6 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 46.067 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

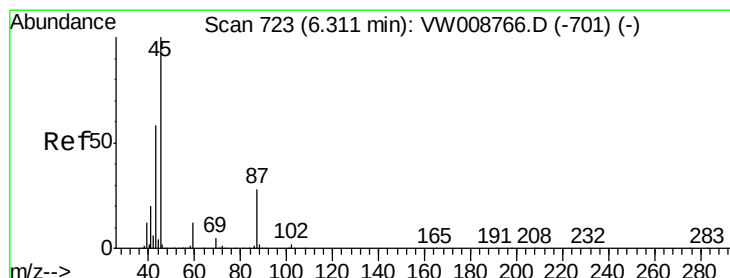
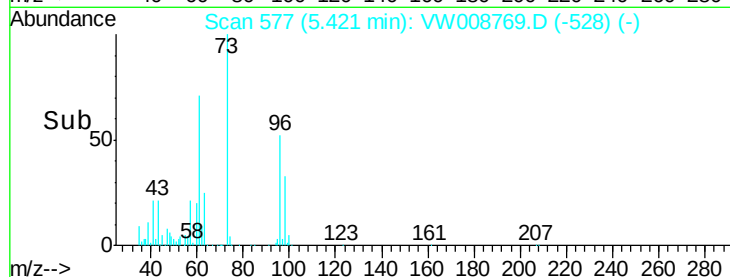
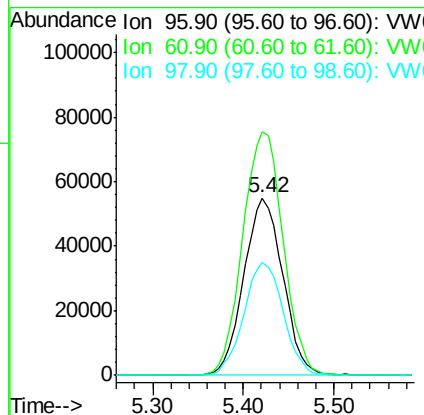
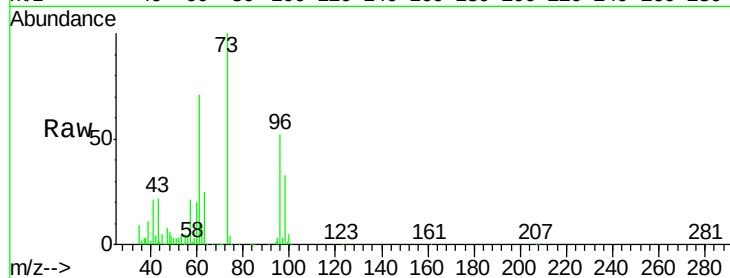
ClientSampleId :

ICVW022119

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 164201 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 137.1 | 114.6 | 171.8  |
| 98       | 63.6  | 54.0  | 81.0   |

Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM



#22

Diisopropyl ether

Concen: 47.110 ug/l

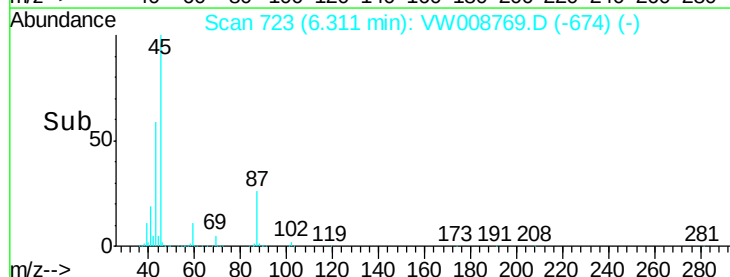
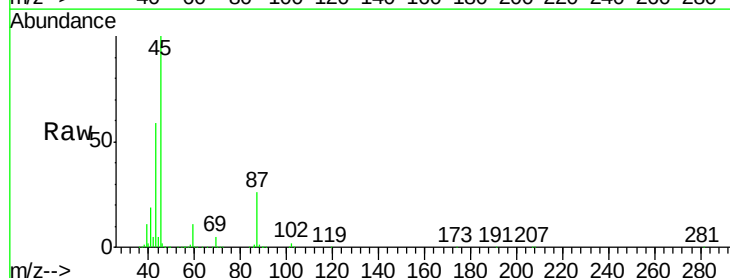
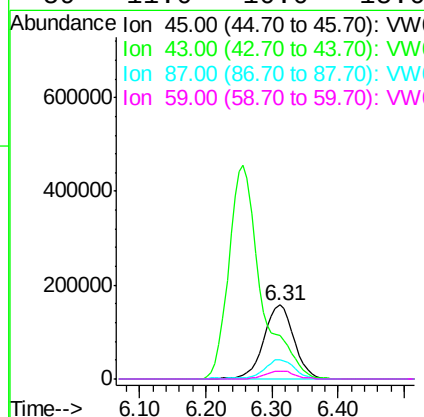
RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

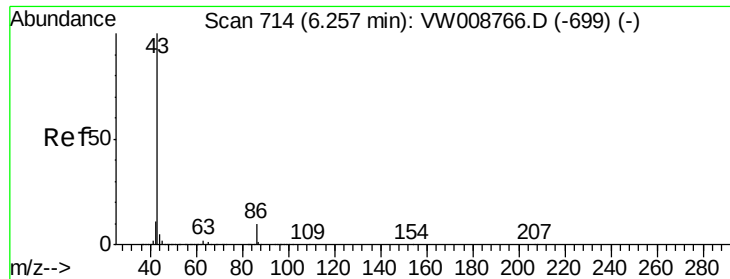
Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 499787 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 58.8  | 46.1  | 69.1   |
| 87       | 26.0  | 22.2  | 33.4   |
| 59       | 11.0  | 10.0  | 15.0   |







#23

Vinyl Acetate

Concen: 233.115 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Tot Ion: 43 Resp: 1528015

Ion Ratio Lower Upper

43 100

86 9.6 8.1 12.1

Instrument :

MSVOA\_W

ClientSampleId :

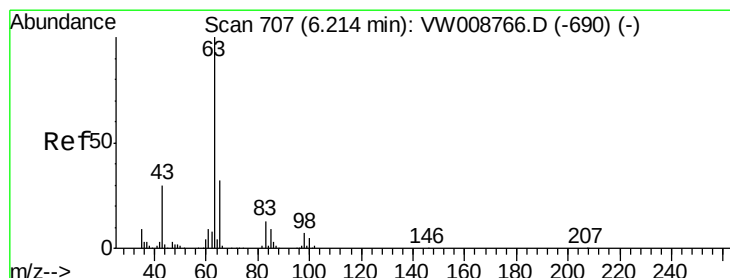
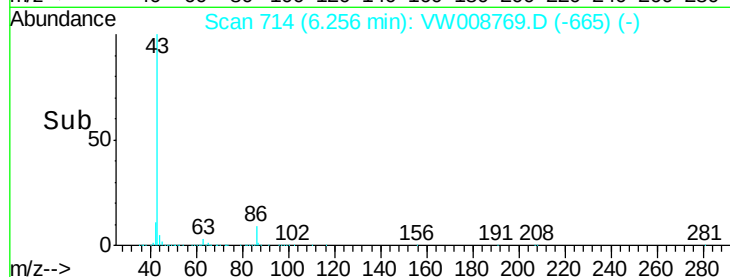
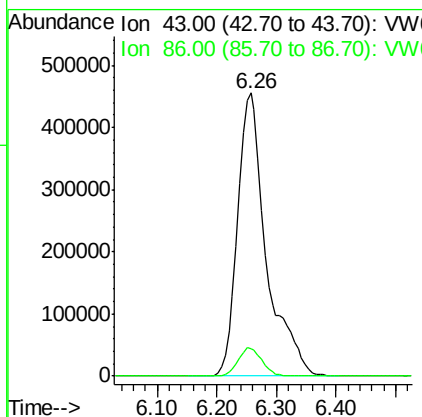
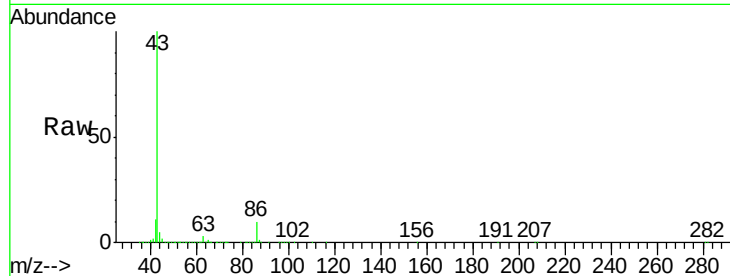
ICVW022119

Manual Integrations

APPROVED

MMDadoda

2/22/2019 12:25:39 PM



#24

1,1-Dichloroethane

Concen: 46.543 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

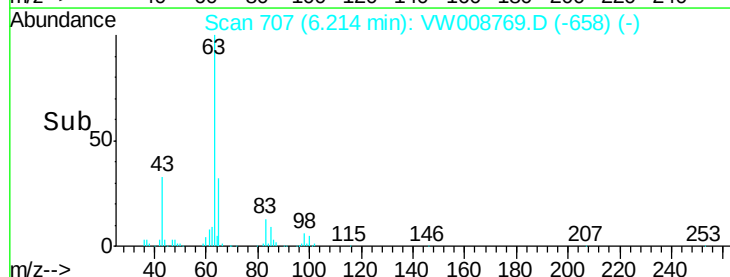
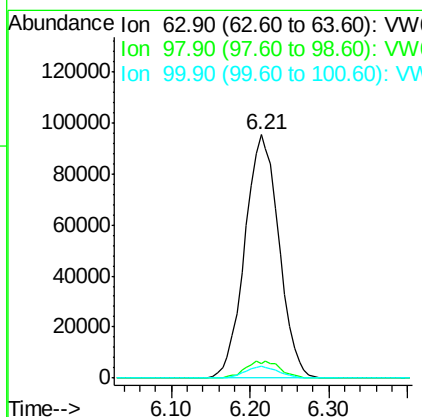
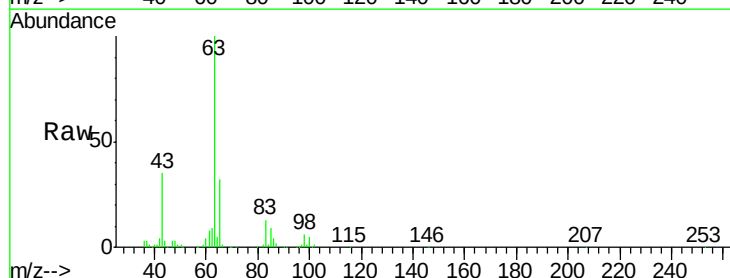
Tgt Ion: 63 Resp: 286126

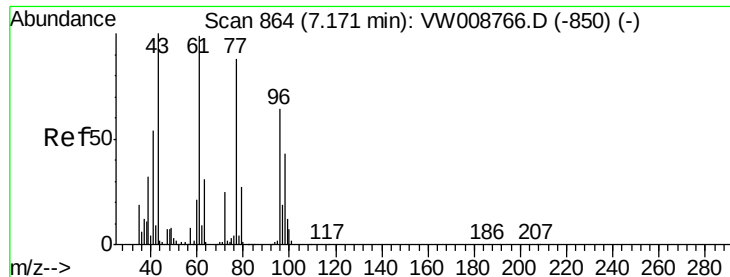
Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.6

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 222.295 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

ClientSampled :

ICVW022119

Tot Ion: 43 Resp: 237781

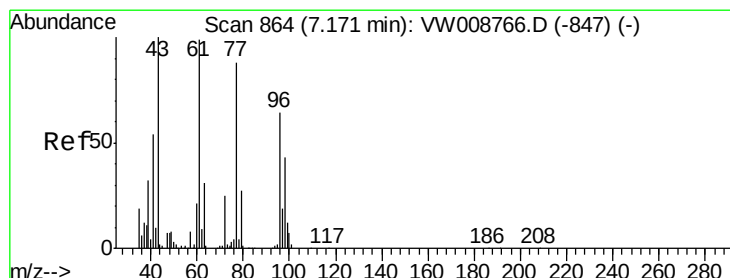
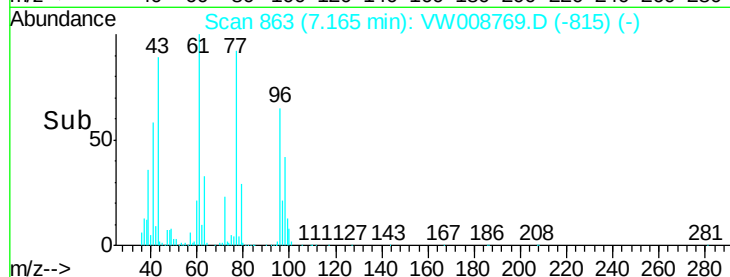
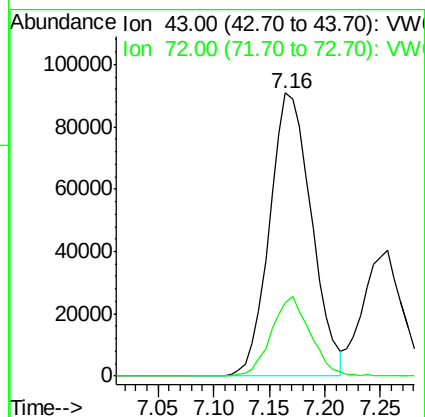
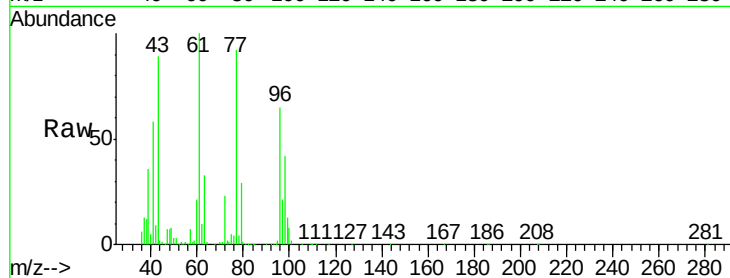
Ion Ratio Lower Upper

43 100

72 26.2 19.7 29.5

Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM



#26

2,2-Dichloropropane

Concen: 48.678 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008769.D

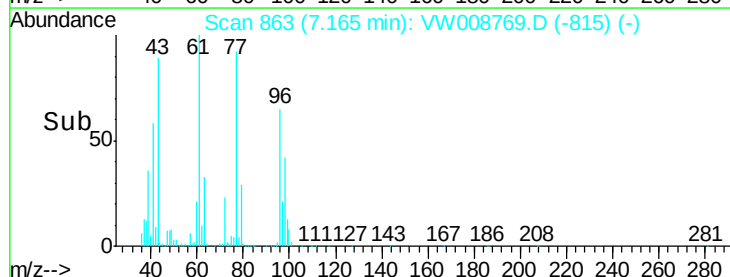
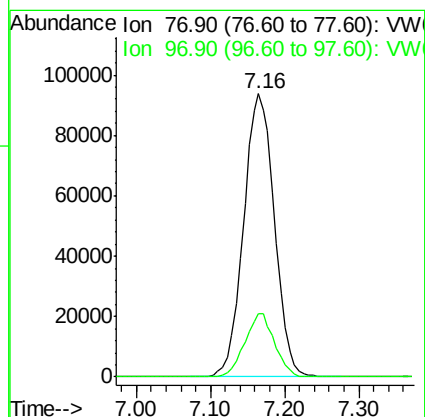
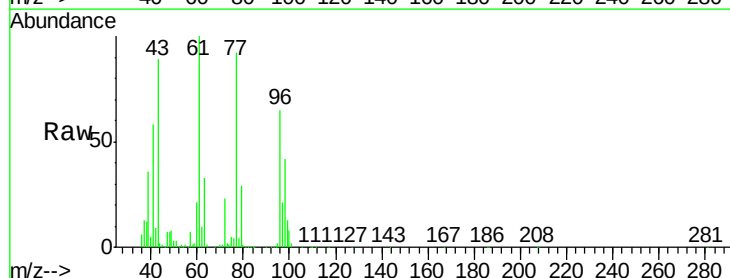
Acq: 21 Feb 2019 13:31

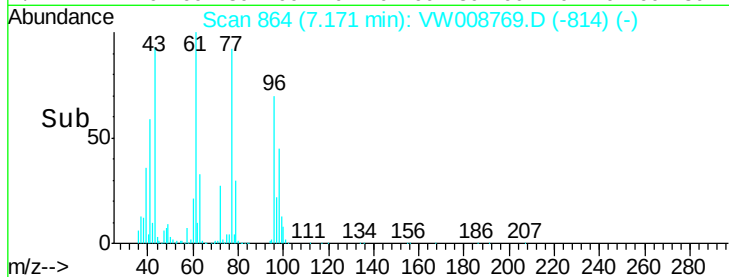
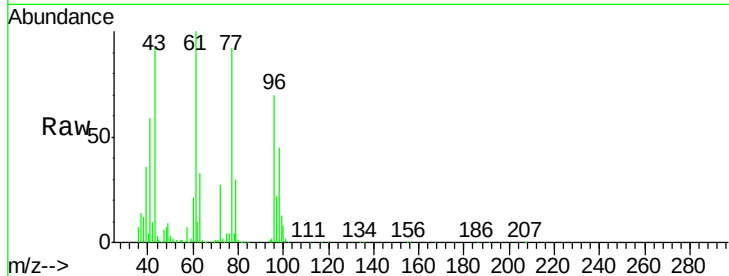
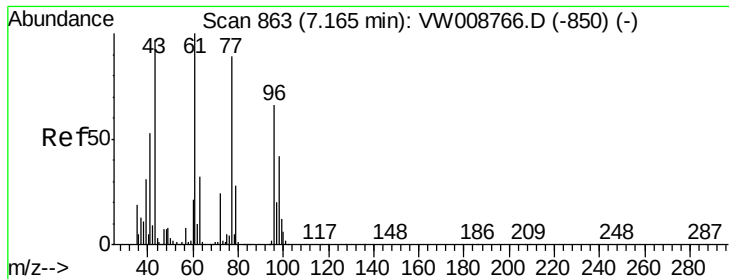
Tgt Ion: 77 Resp: 271685

Ion Ratio Lower Upper

77 100

97 21.7 11.0 33.0





#27

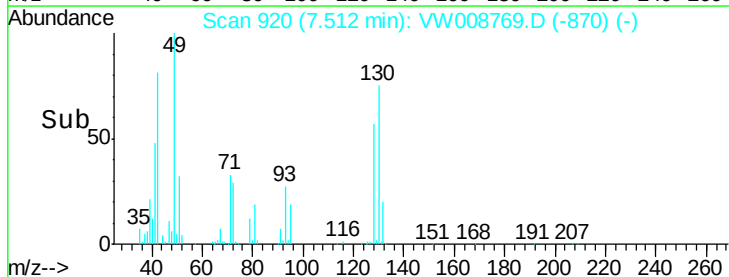
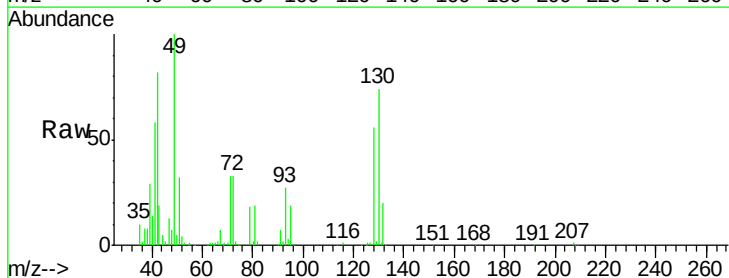
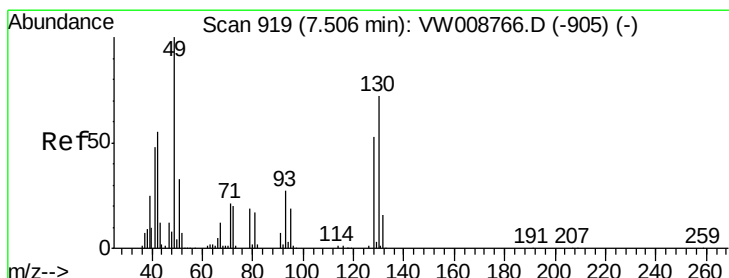
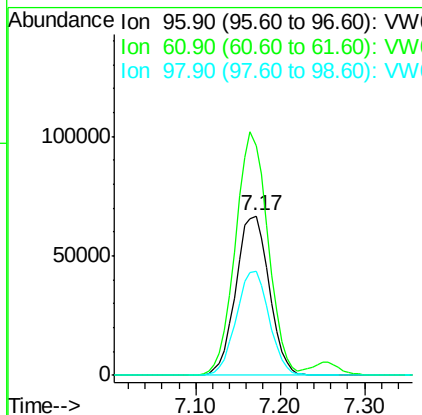
cis-1,2-Dichloroethene  
Concen: 46.957 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. 0.01 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 179036 |       |       |
| 61      | 148.6 | 0.0    | 302.6 |       |
| 98      | 64.4  | 0.0    | 130.0 |       |

Instrument :  
MSVOA\_W  
ClientSampled :  
ICVW022119

Manual Integrations  
APPROVED

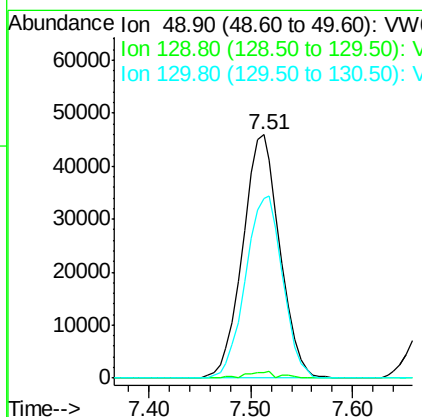
MMDadoda  
2/22/2019 12:25:39 PM

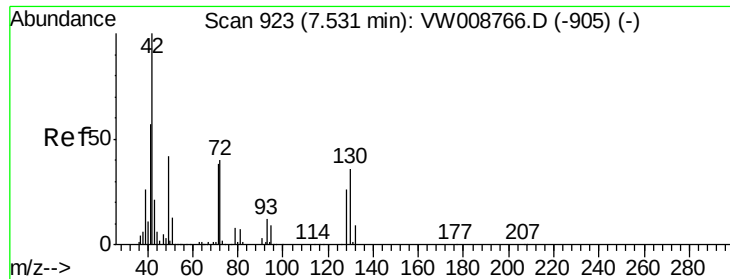


#28

Bromochloromethane  
Concen: 45.051 ug/l  
RT: 7.51 min Scan# 920  
Delta R.T. 0.01 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 115897 |       |       |
| 129     | 2.0   | 0.0    | 2.6   |       |
| 130     | 75.0  | 61.3   | 91.9  |       |





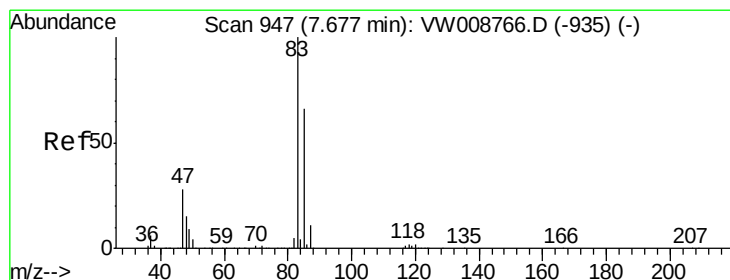
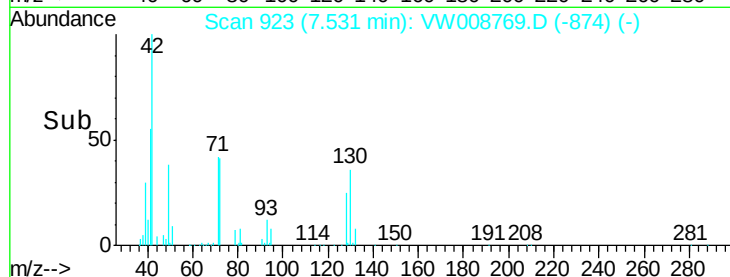
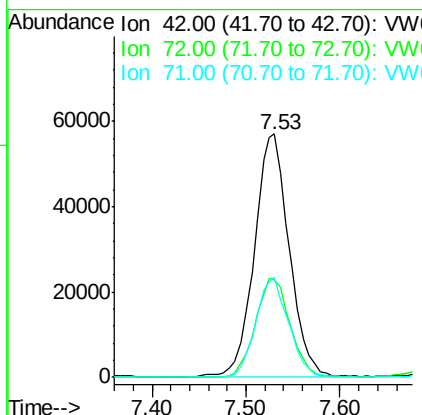
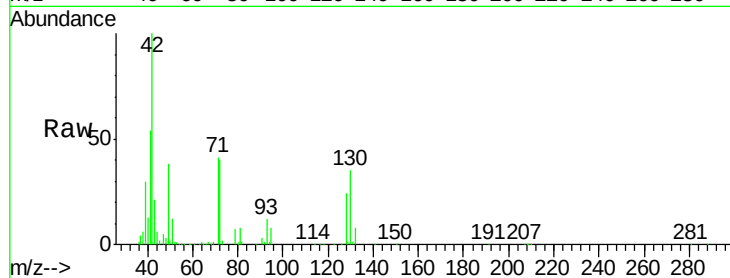
#29  
Tetrahydrofuran  
Concen: 217.667 ug/l  
RT: 7.53 min Scan# 923  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.8  | 32.7  | 49.1  |
| 71      | 38.9  | 31.3  | 46.9  |

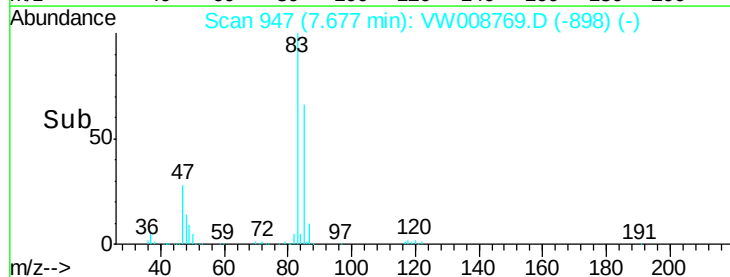
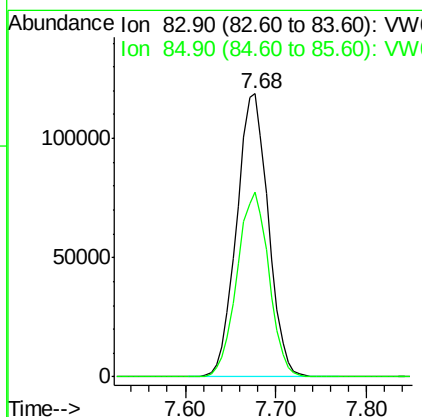
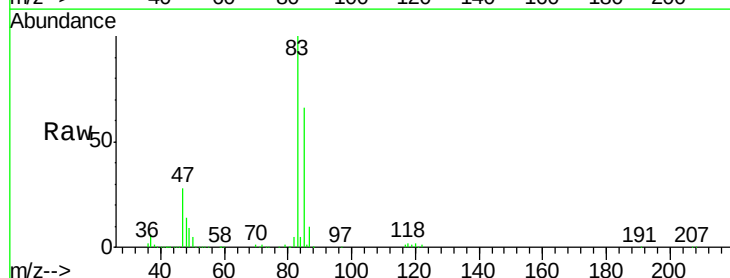
Manual Integrations  
APPROVED

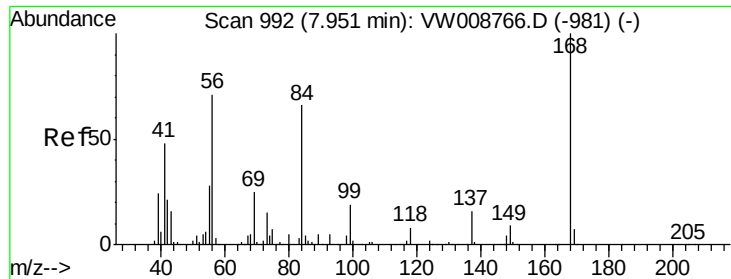
MMDadoda  
2/22/2019 12:25:39 PM



#30  
Chloroform  
Concen: 45.566 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.5  | 52.6  | 79.0  |





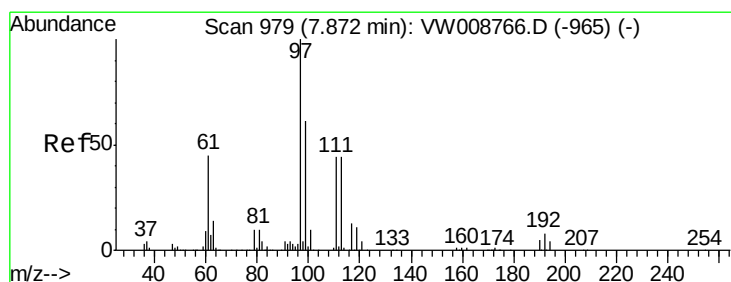
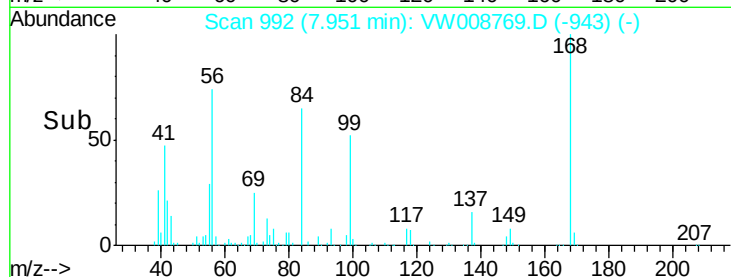
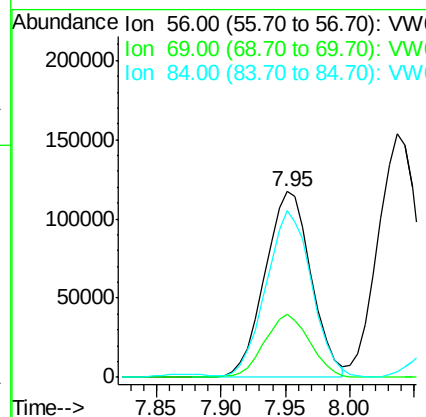
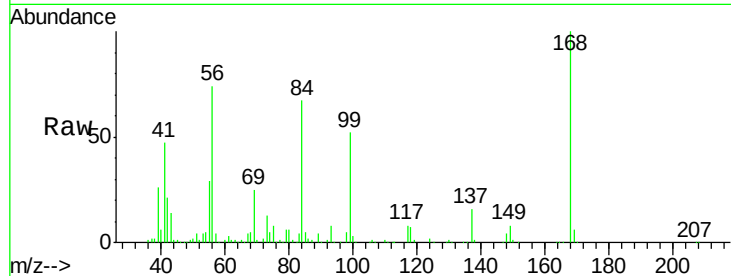
#31  
Cyclohexane  
Concen: 46.914 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampled :  
ICVW022119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 33.8  | 28.2  | 42.4  |
| 84      | 88.4  | 74.1  | 111.1 |

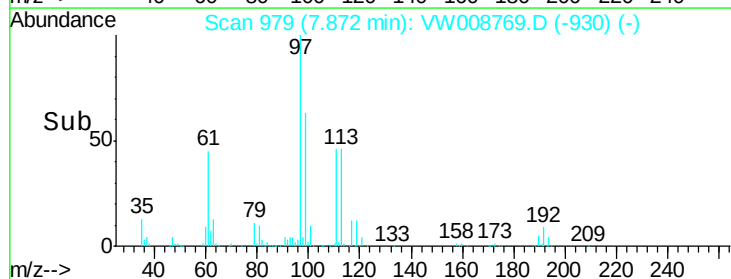
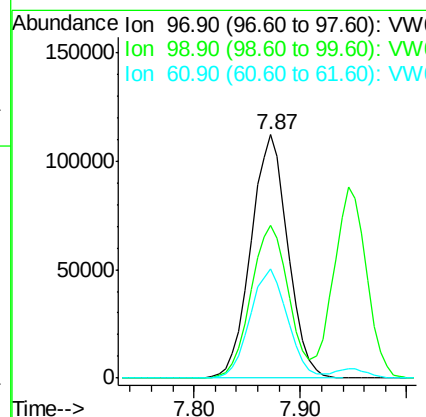
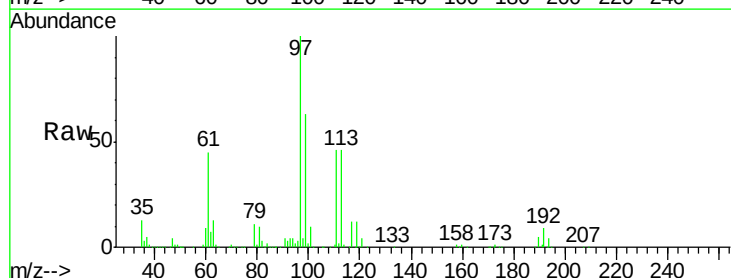
Manual Integrations  
APPROVED

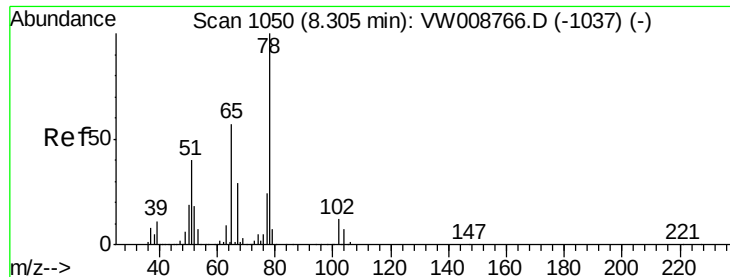
MMDadoda  
2/22/2019 12:25:39 PM



#32  
1,1,1-Trichloroethane  
Concen: 47.543 ug/l  
RT: 7.87 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.1  | 50.8  | 76.2  |
| 61      | 45.6  | 36.0  | 54.0  |





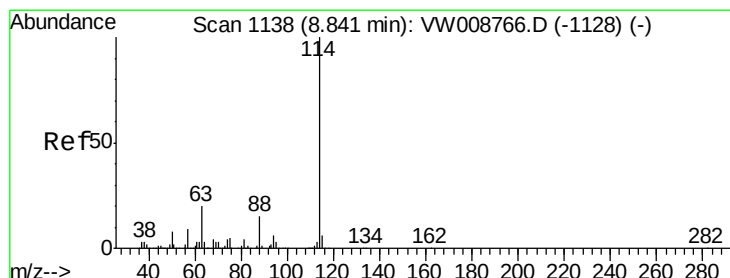
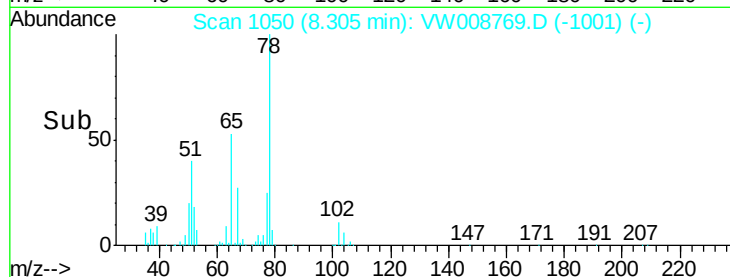
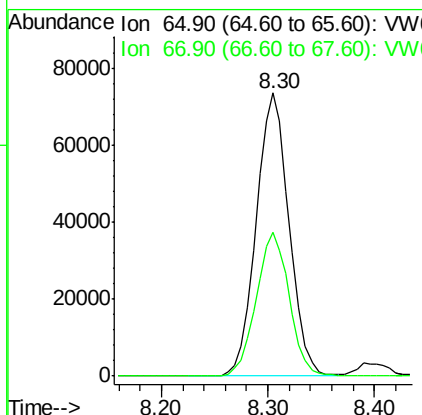
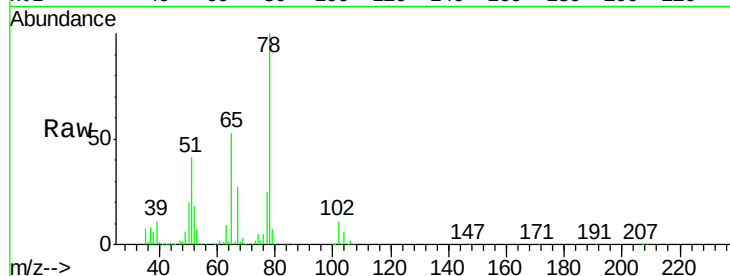
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.065 ug/l  
 RT: 8.30 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW008769.D  
 Acq: 21 Feb 2019 13:31

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW022119

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 158653 |       |       |
| 67      | 51.0  | 0.0    | 101.4 |       |

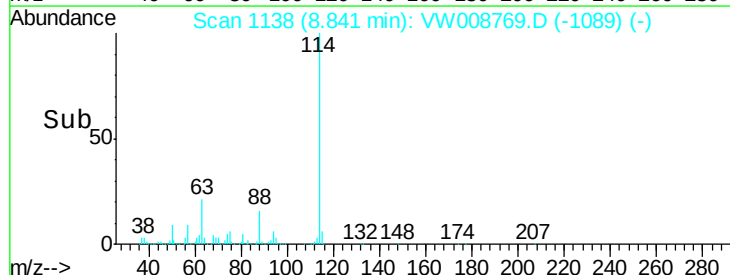
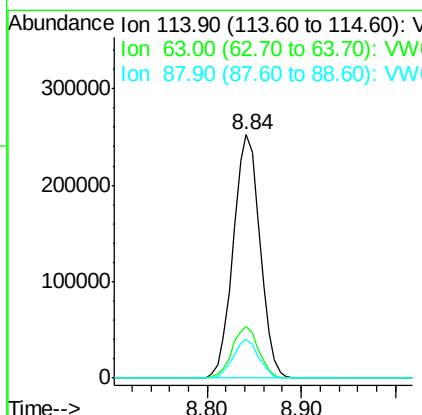
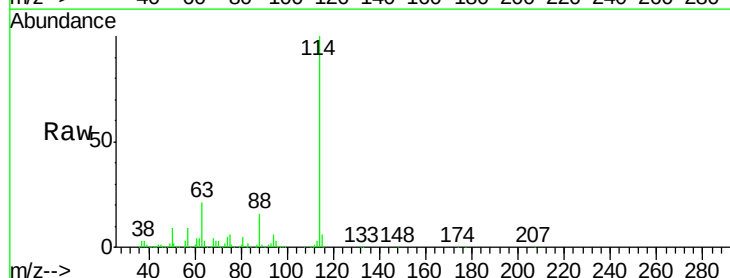
Manual Integrations  
 APPROVED

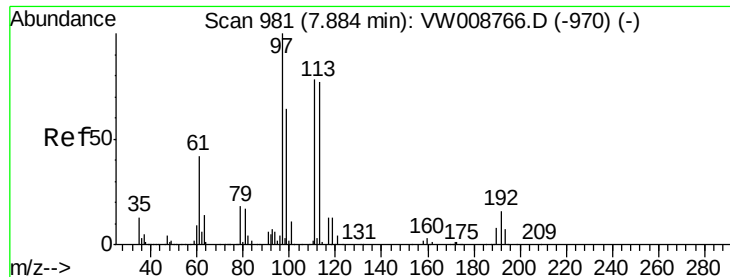
MMDadoda  
 2/22/2019 12:25:39 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW008769.D  
 Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 497468 |       |       |
| 63      | 21.4  | 0.0    | 40.8  |       |
| 88      | 15.9  | 0.0    | 30.4  |       |





#35

Dibromofluoromethane

Concen: 49.854 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

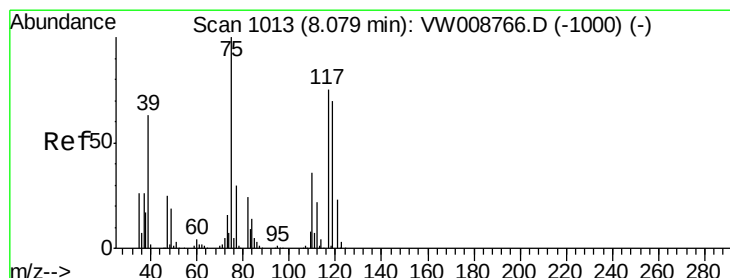
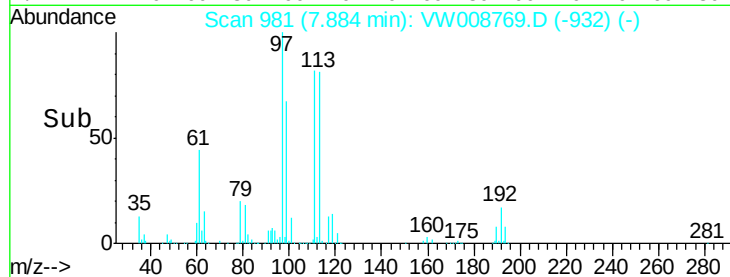
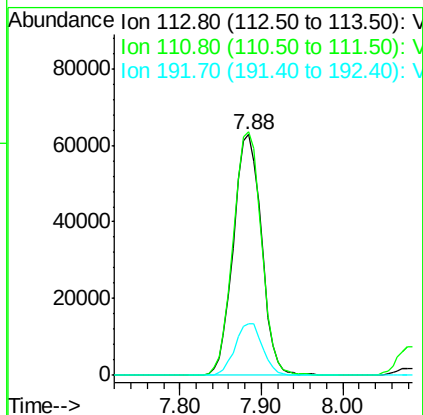
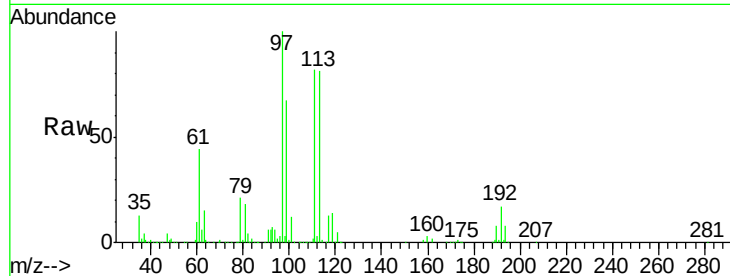
ClientSampleId :

ICVW022119

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 148906 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.0 | 81.9  | 122.9  |
| 192       | 21.1  | 17.1  | 25.7   |

Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM



#36

1,1-Dichloropropene

Concen: 49.506 ug/l

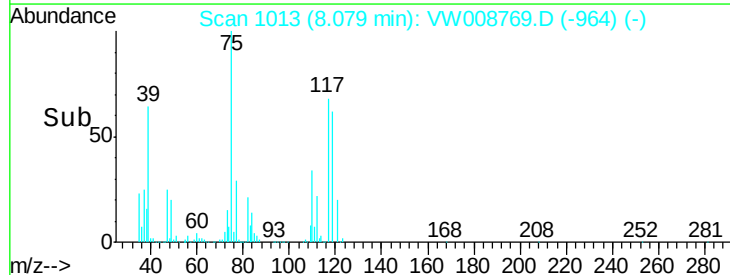
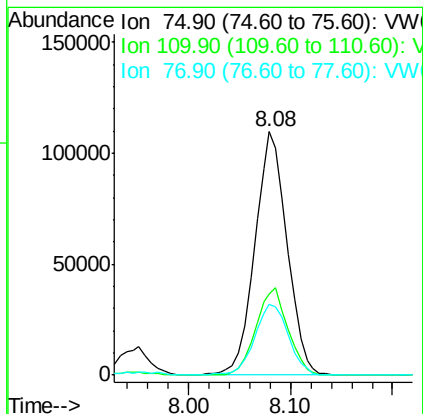
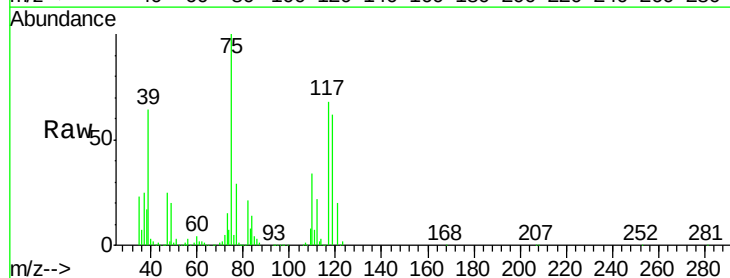
RT: 8.08 min Scan# 1013

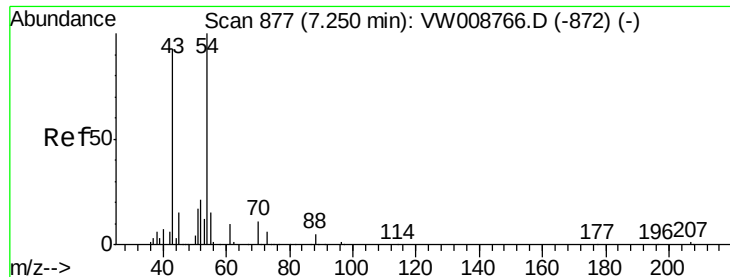
Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 239732 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 35.5  | 17.5  | 52.6   |
| 77        | 30.8  | 24.5  | 36.7   |





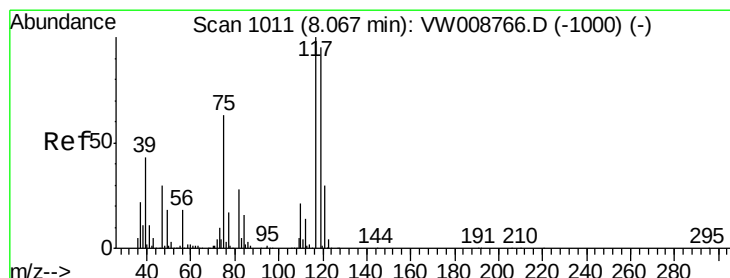
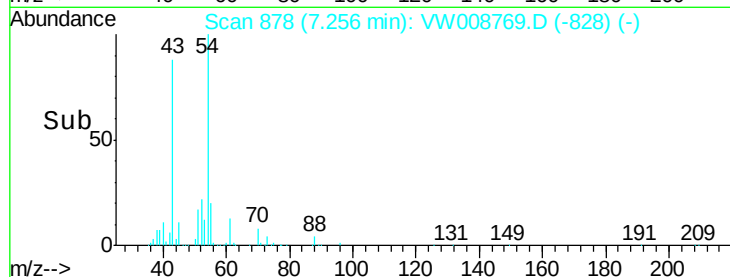
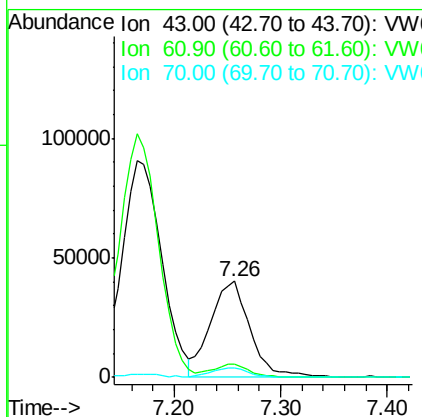
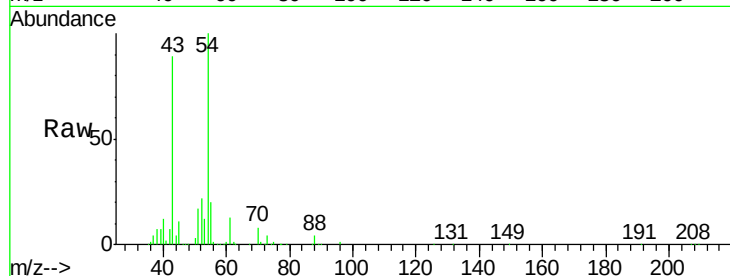
#37  
Ethyl Acetate  
Concen: 45.042 ug/l  
RT: 7.26 min Scan# 878  
Delta R.T. 0.01 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 43      | 100   | 101429 |       |       |
| 61      | 12.5  |        | 9.8   | 14.8  |
| 70      | 9.6   |        | 8.4   | 12.6  |

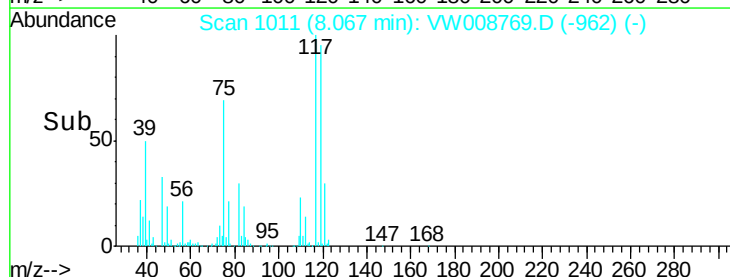
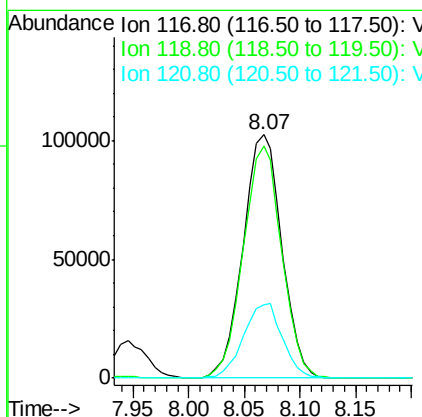
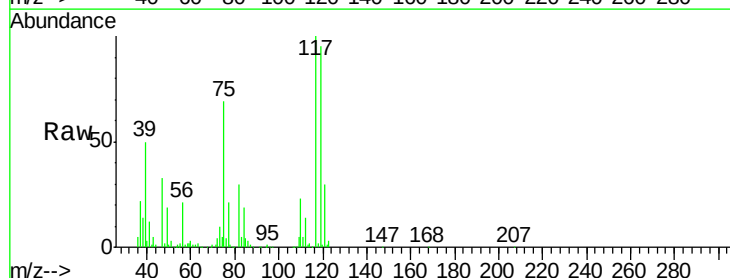
Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM

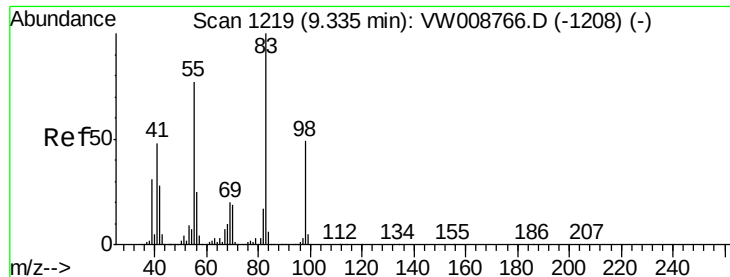


#38  
Carbon Tetrachloride  
Concen: 48.561 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 247997 |       |       |
| 119     | 95.4  |        | 76.1  | 114.1 |
| 121     | 30.2  |        | 24.0  | 36.0  |







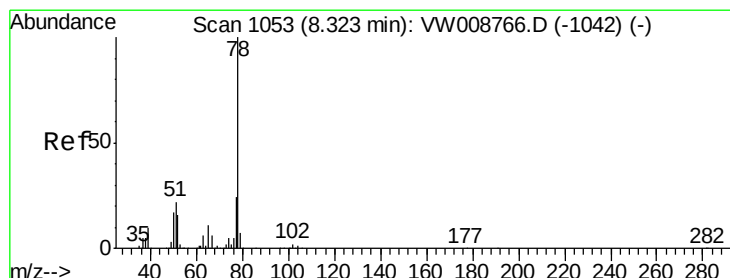
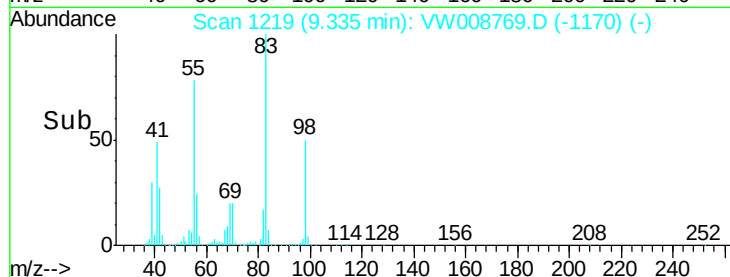
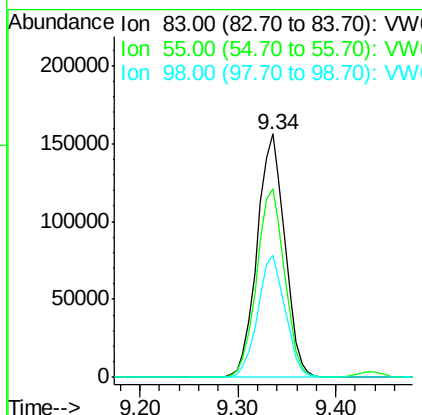
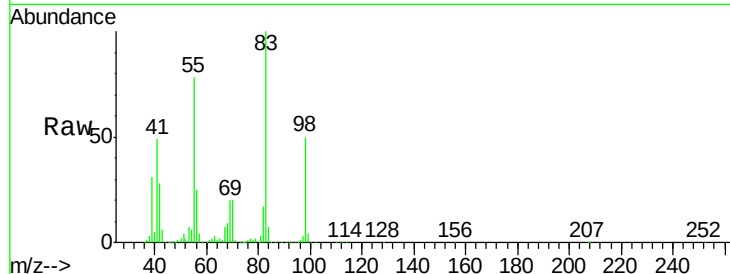
#39  
Methylvlcyclohexane  
Concen: 50.775 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 77.6  | 61.2  | 91.8  |
| 98      | 49.9  | 39.4  | 59.2  |

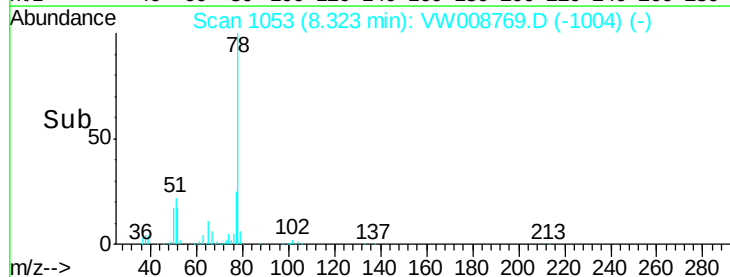
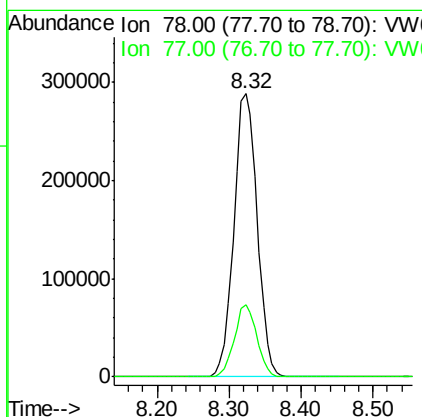
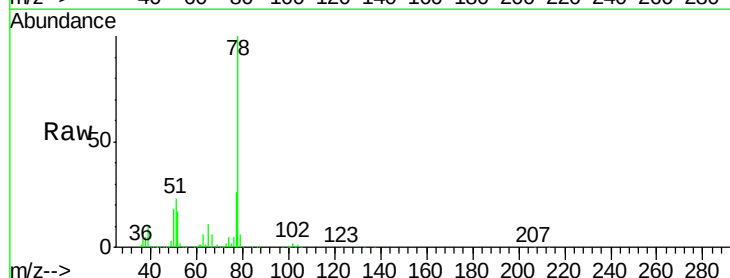
Manual Integrations  
APPROVED

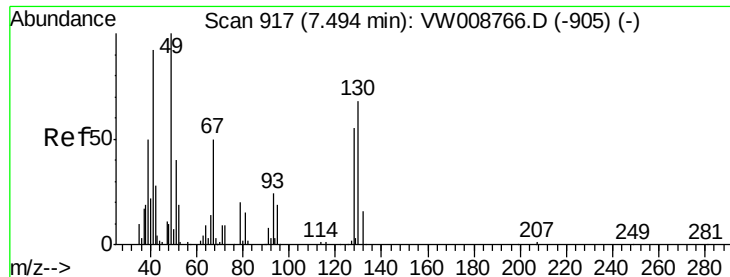
MMDadoda  
2/22/2019 12:25:39 PM



#40  
Benzene  
Concen: 48.899 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.6  | 19.3  | 28.9  |





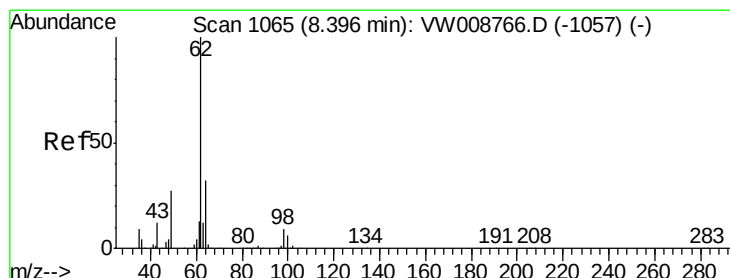
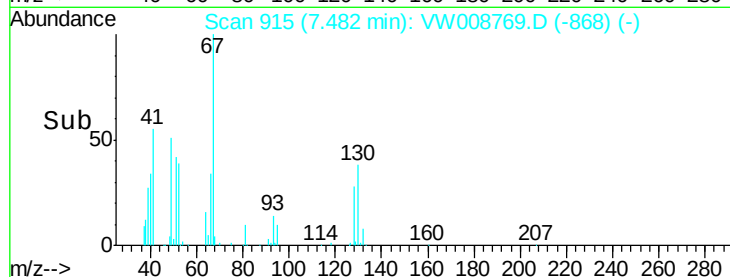
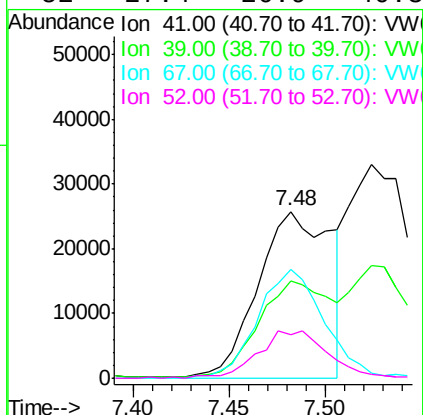
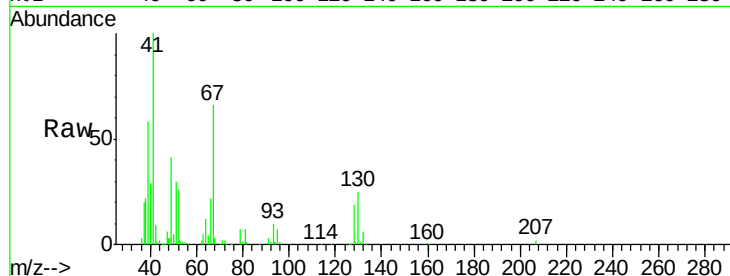
#41  
Methacrylonitrile  
Concen: 51.832 ug/l m  
RT: 7.48 min Scan# 915  
Delta R.T. -0.01 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 56.3  | 52.5  | 78.7  |
| 67      | 59.1  | 55.0  | 82.6  |
| 52      | 27.4  | 26.9  | 40.3  |

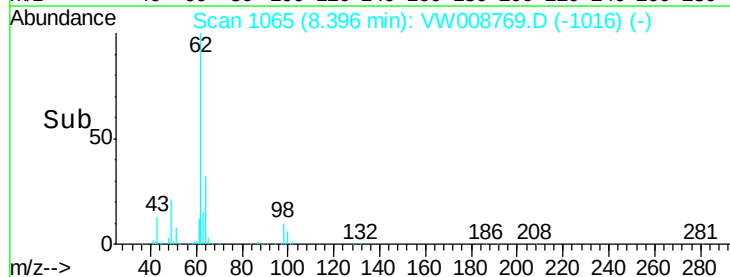
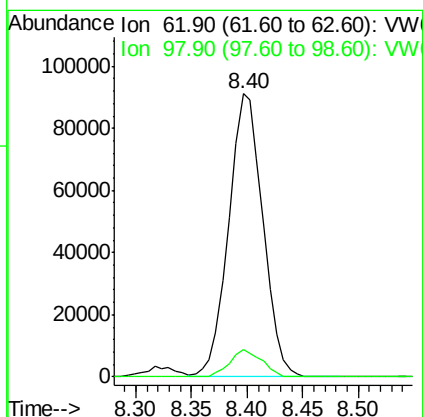
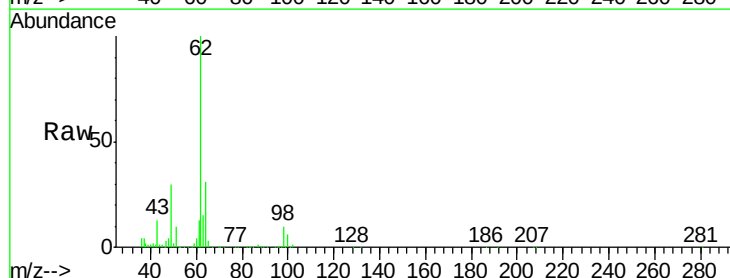
Manual Integrations  
APPROVED

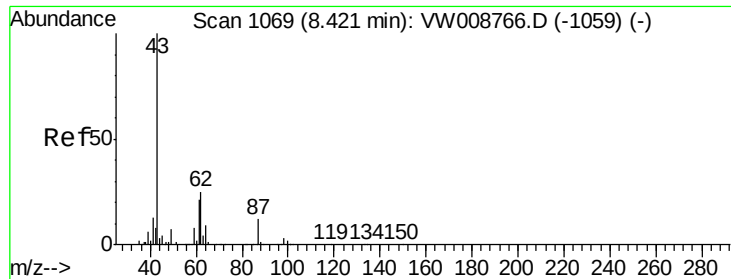
MMDadoda  
2/22/2019 12:25:39 PM



#42  
1,2-Dichloroethane  
Concen: 46.204 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.3   | 0.0   | 18.2  |





#43

Isopropyl Acetate

Concen: 44.996 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

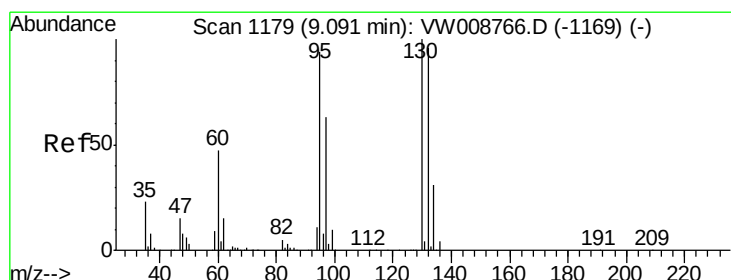
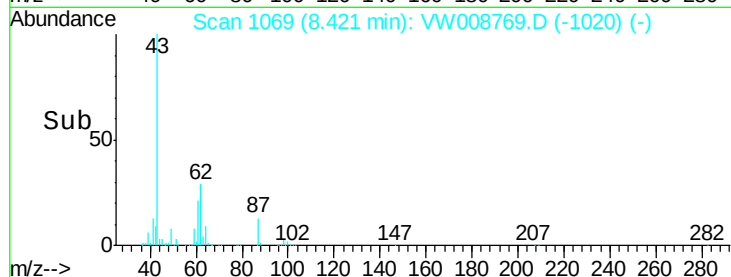
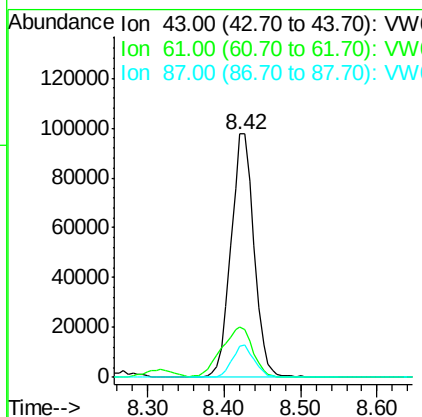
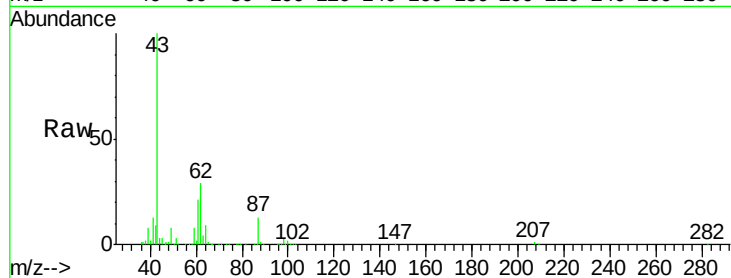
ClientSampleId :

ICVW022119

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 202229 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 28.3  | 23.2  | 34.8   |
| 87       | 13.0  | 9.9   | 14.9   |

Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM



#44

Trichloroethene

Concen: 48.889 ug/l

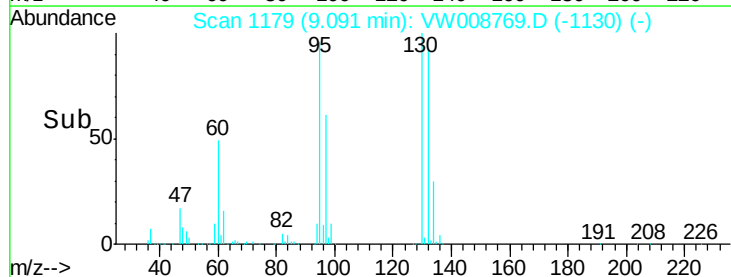
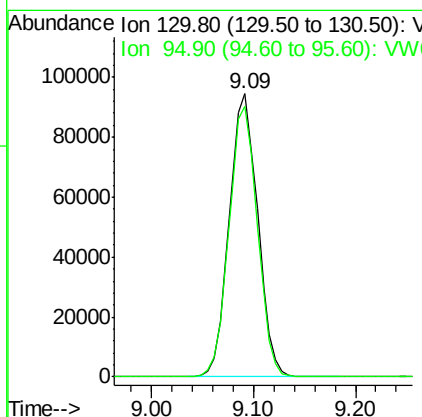
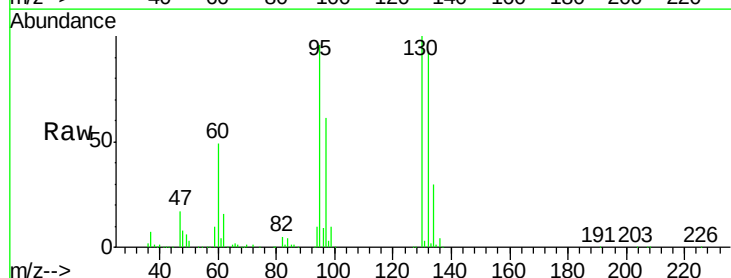
RT: 9.09 min Scan# 1179

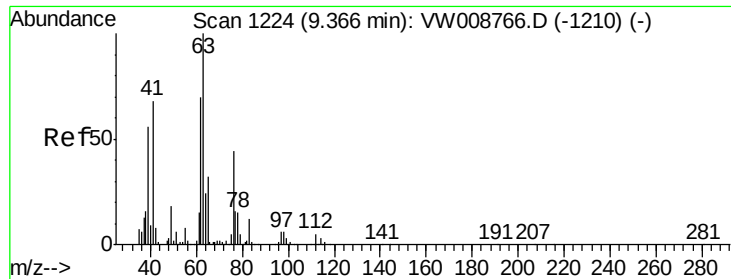
Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 182094 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 95.7  | 0.0   | 188.6  |





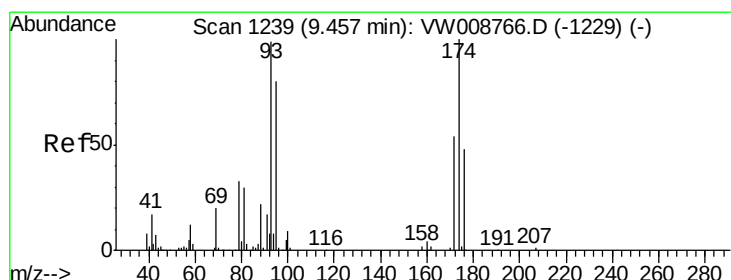
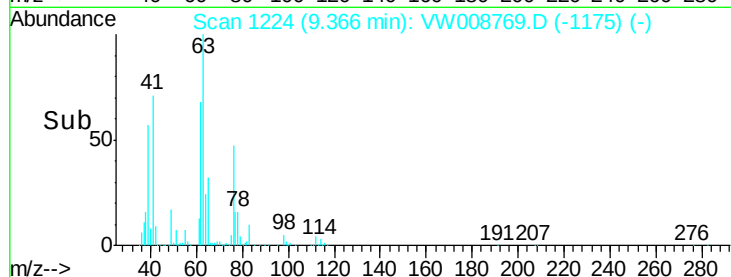
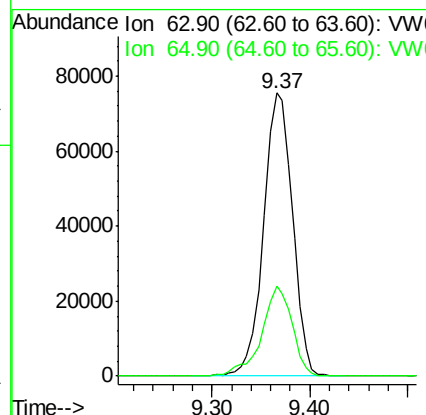
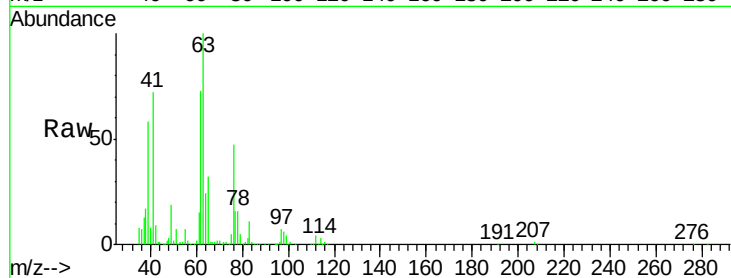
#45  
 1,2-Dichloropropane  
 Concen: 47.514 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: VW008769.D  
 Acq: 21 Feb 2019 13:31

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW022119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 32.1  | 25.5  | 38.3  |

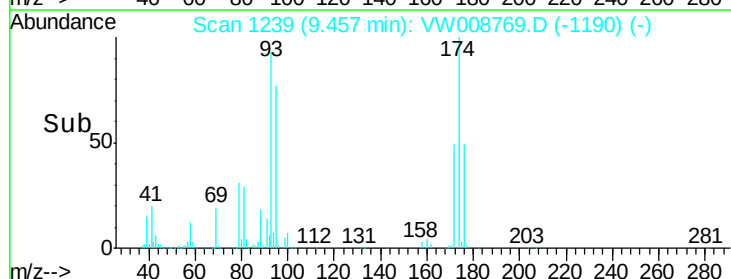
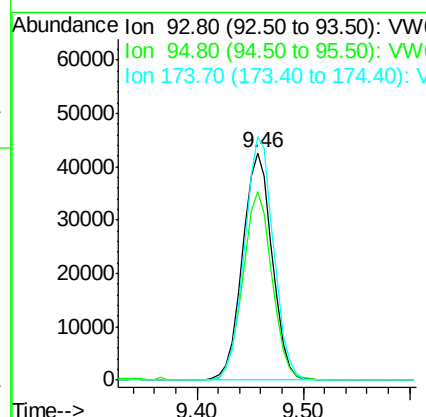
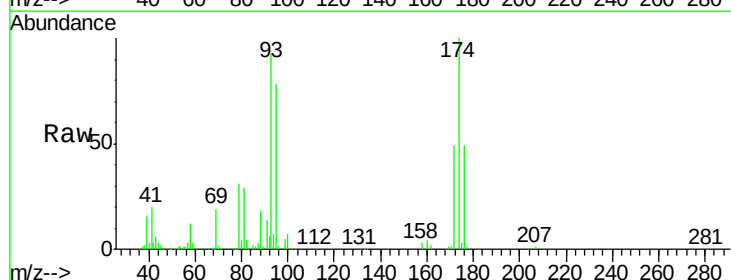
Manual Integrations  
 APPROVED

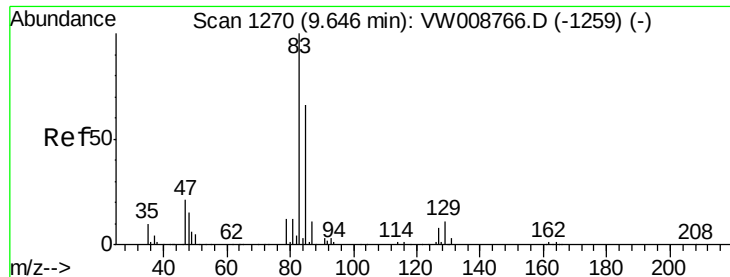
MMDadoda  
 2/22/2019 12:25:39 PM



#46  
 Dibromomethane  
 Concen: 45.604 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: VW008769.D  
 Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.3  | 67.7  | 101.5 |
| 174     | 105.9 | 86.7  | 130.1 |





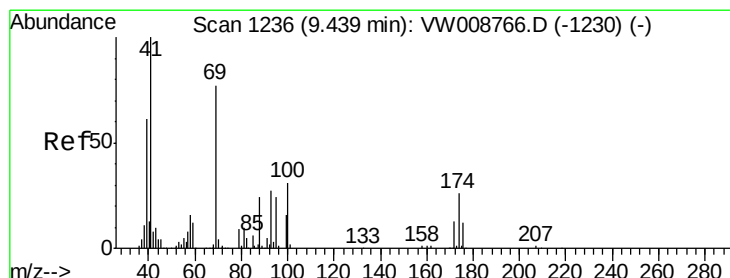
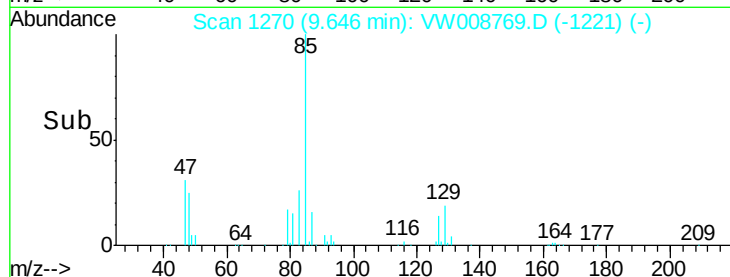
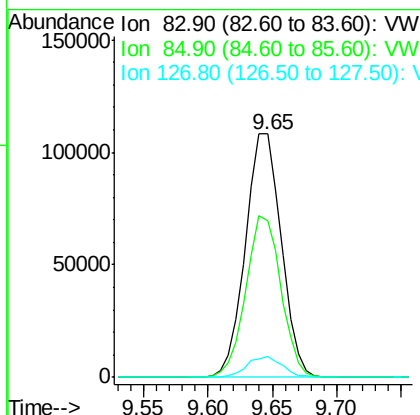
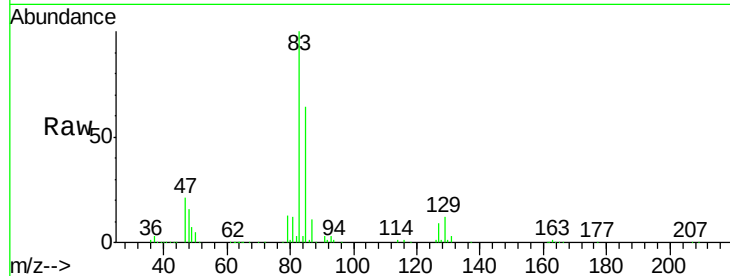
#47  
Bromodichloromethane  
Concen: 47.078 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampled :  
ICVW022119

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 208163 |       |       |
| 85      | 64.1  |        | 52.5  | 78.7  |
| 127     | 8.8   |        | 6.7   | 10.1  |

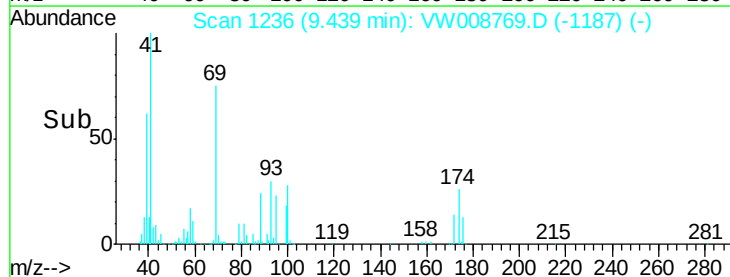
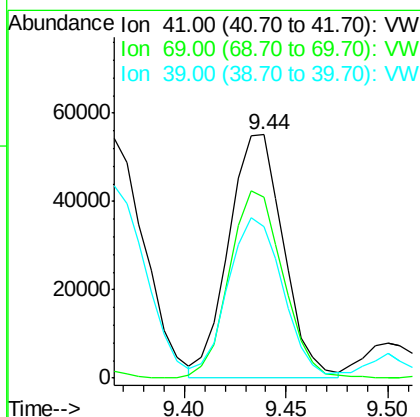
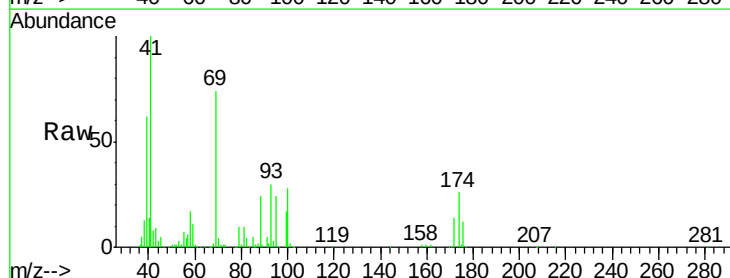
Manual Integrations  
APPROVED

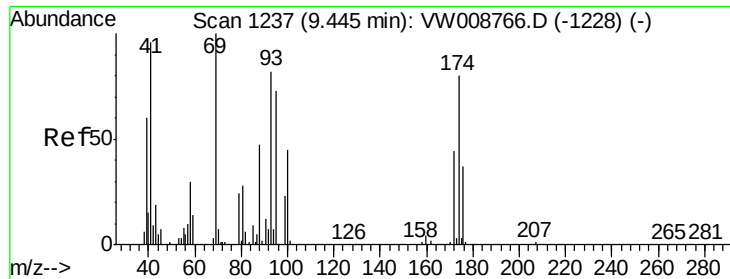
MMDadoda  
2/22/2019 12:25:39 PM



#48  
Methyl methacrylate  
Concen: 47.708 ug/l  
RT: 9.44 min Scan# 1236  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 41      | 100   | 102692 |       |       |
| 69      | 75.8  |        | 63.6  | 95.4  |
| 39      | 61.5  |        | 52.1  | 78.1  |





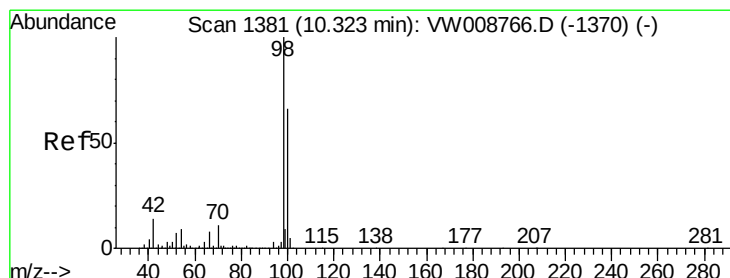
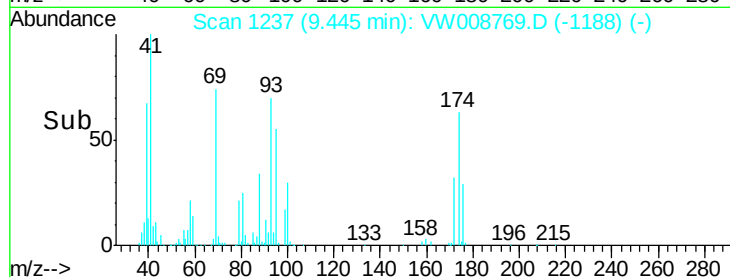
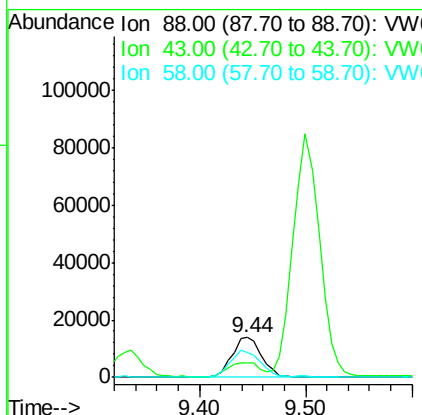
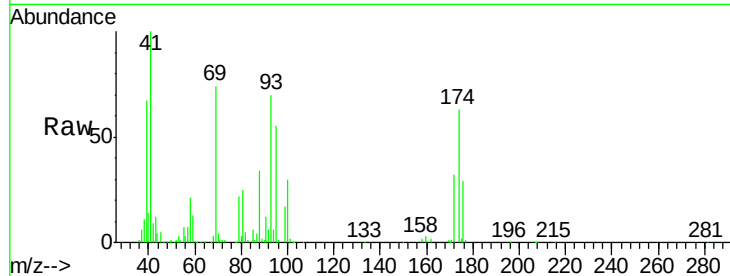
#49  
1,4-Dioxane  
Concen: 953.493 ug/l  
RT: 9.44 min Scan# 1237  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 37.2  | 29.0  | 43.4  |
| 58      | 68.0  | 52.0  | 78.0  |

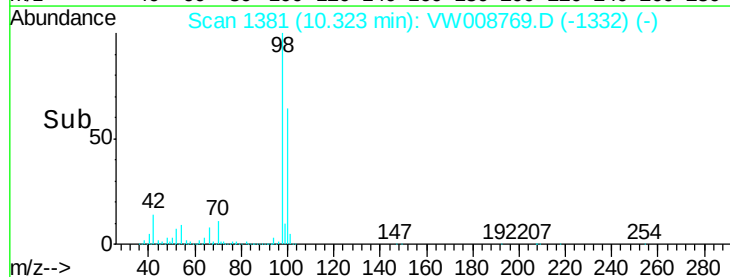
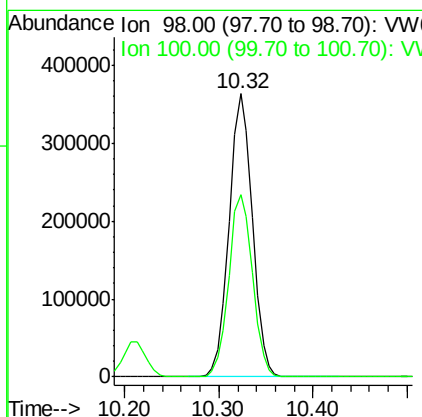
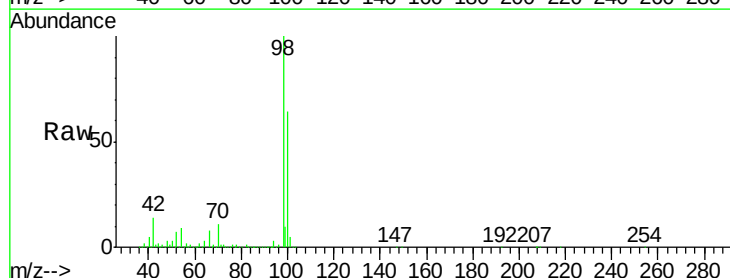
Manual Integrations  
APPROVED

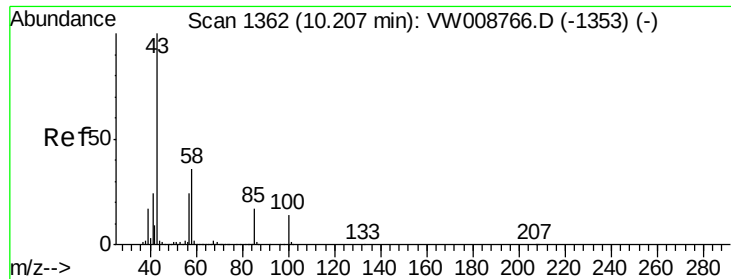
MMDadoda  
2/22/2019 12:25:39 PM



#50  
Toluene-d8  
Concen: 54.024 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.7  | 52.4  | 78.6  |





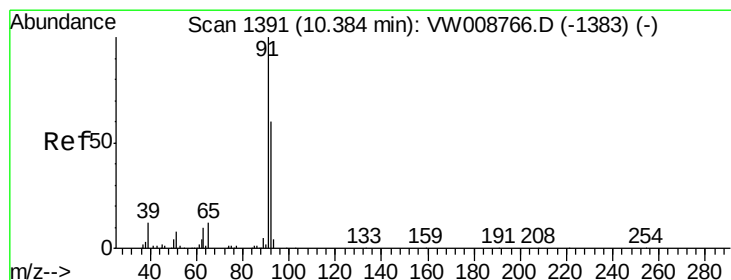
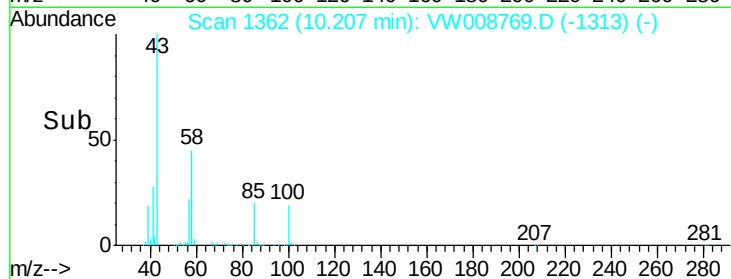
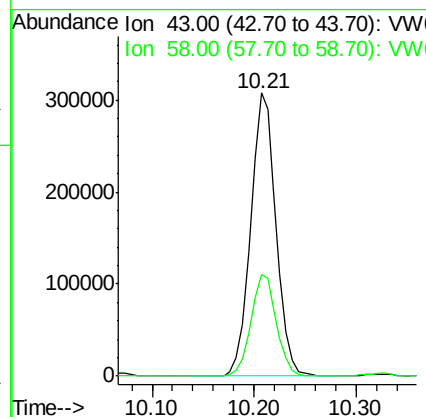
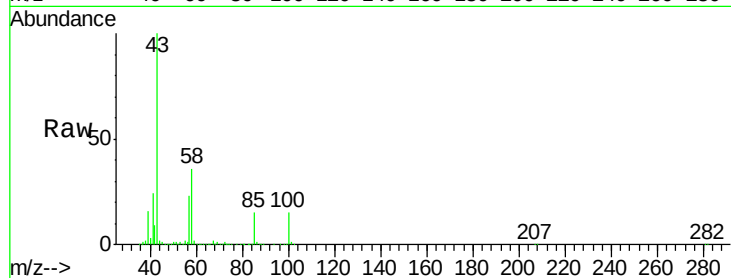
#51  
4-Methyl-2-Pentanone  
Concen: 231.189 ug/l  
RT: 10.21 min Scan# 1362  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

| Tot Ion | 43   | 58 | Ratio | Lower | Upper |
|---------|------|----|-------|-------|-------|
| 43      | 100  |    |       |       |       |
| 58      | 36.0 |    | 29.1  | 43.7  |       |

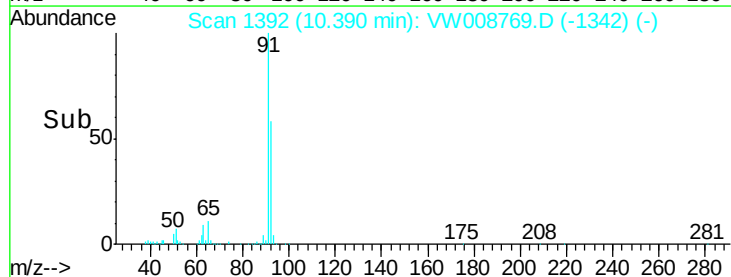
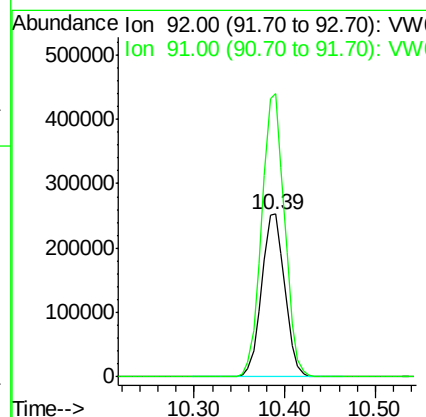
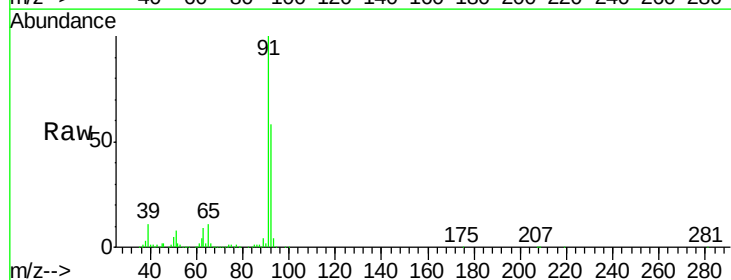
Manual Integrations  
APPROVED

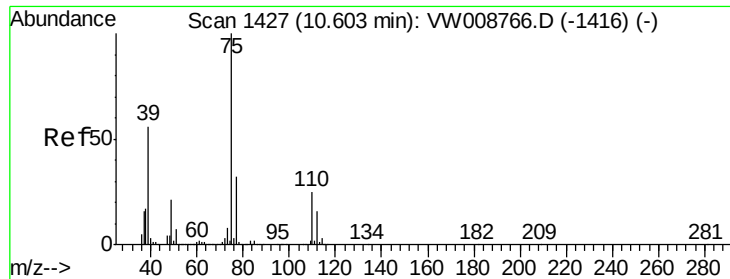
MMDadoda  
2/22/2019 12:25:39 PM



#52  
Toluene  
Concen: 49.842 ug/l  
RT: 10.39 min Scan# 1392  
Delta R.T. 0.01 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | 92    | 91 | Ratio | Lower | Upper |
|---------|-------|----|-------|-------|-------|
| 92      | 100   |    |       |       |       |
| 91      | 171.9 |    | 136.9 | 205.3 |       |





#53

t-1,3-Dichloropropene

Concen: 48.137 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

ClientSampled :

ICVW022119

Tot Ion: 75 Resp: 216949

Ion Ratio Lower Upper

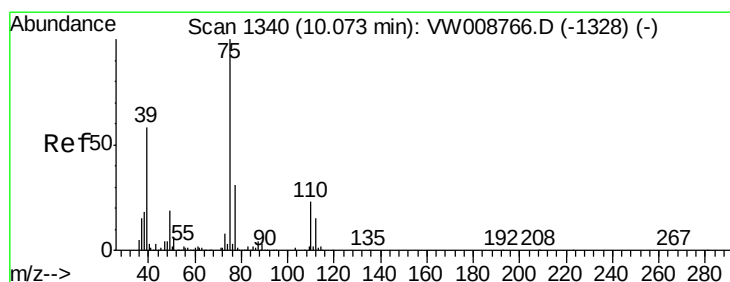
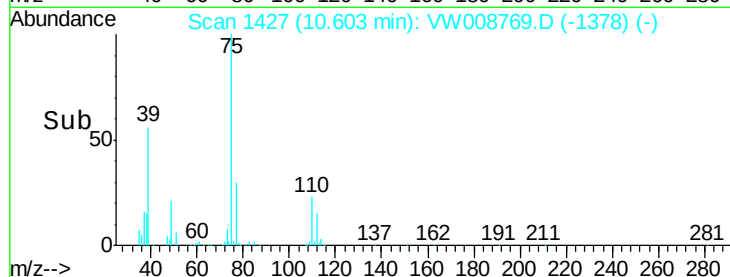
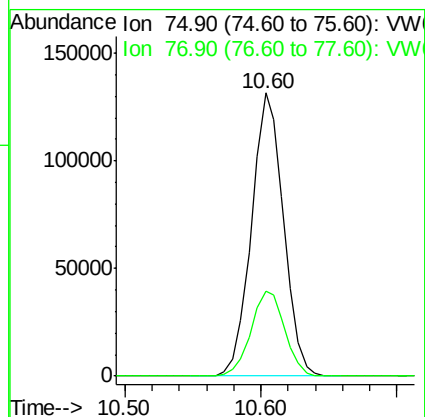
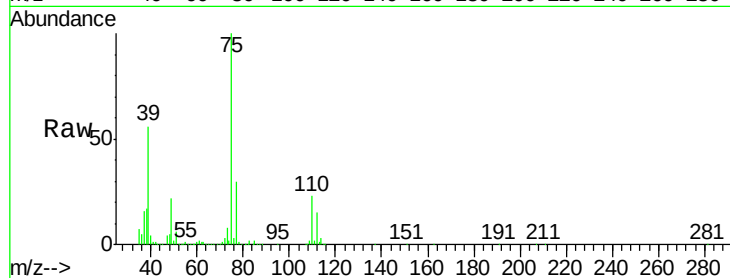
75 100

77 30.0 26.1 39.1

Manual Integrations  
APPROVED

MMDadoda

2/22/2019 12:25:39 PM



#54

cis-1,3-Dichloropropene

Concen: 48.259 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

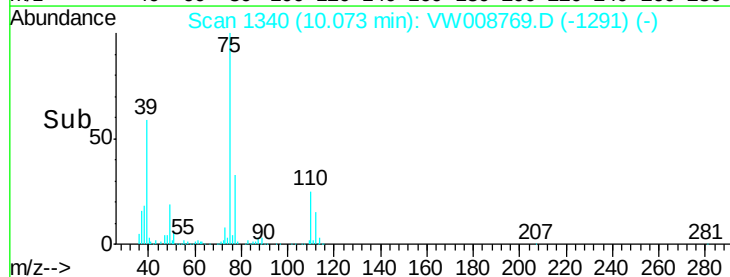
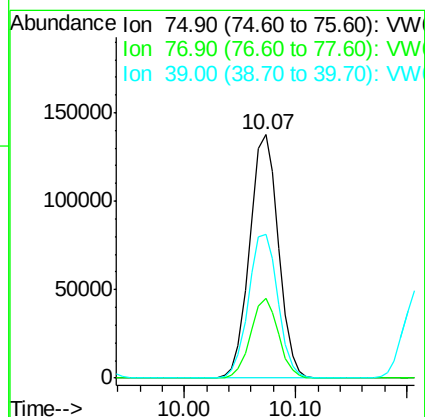
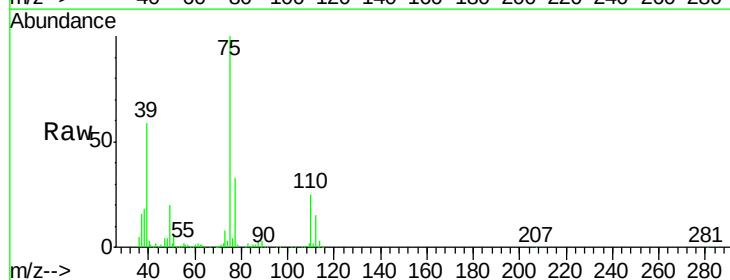
Tgt Ion: 75 Resp: 248058

Ion Ratio Lower Upper

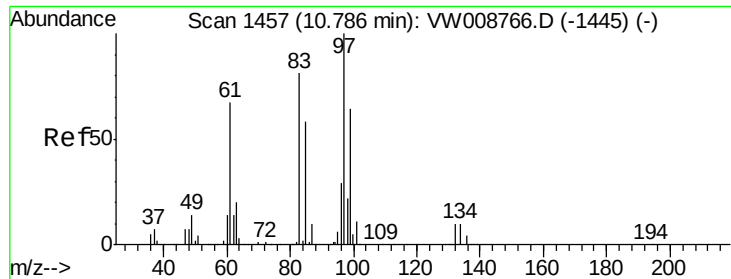
75 100

77 32.8 25.0 37.4

39 59.2 46.6 70.0







#55

1,1,2-Trichloroethane

Concen: 46.170 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

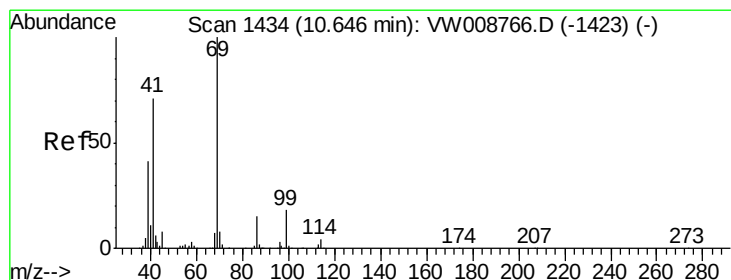
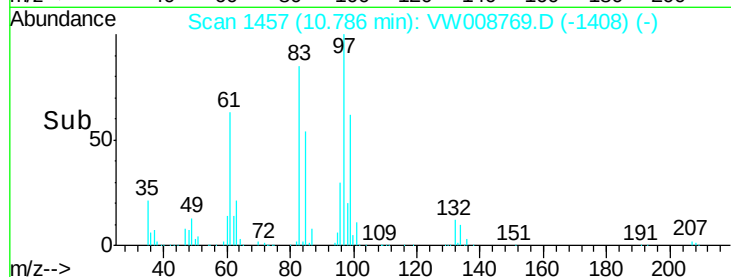
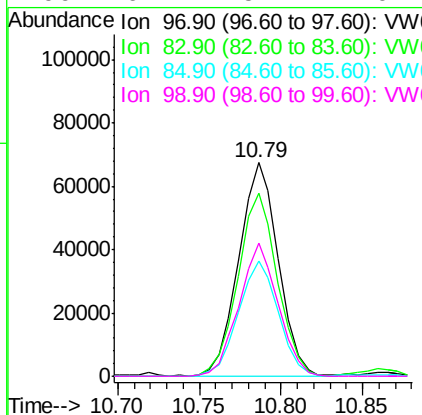
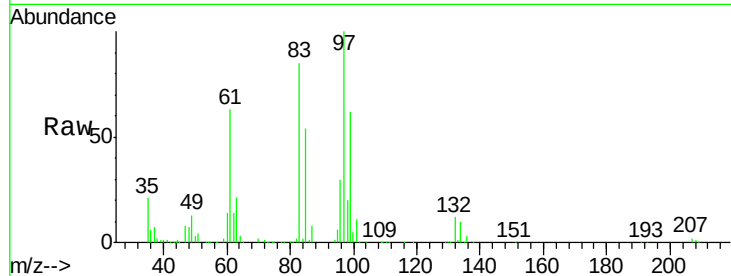
ClientSampleId :

ICVW022119

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 113792 |       |       |
| 83      | 85.4 | 65.0  | 97.6   |       |       |
| 85      | 54.1 | 46.0  | 69.0   |       |       |
| 99      | 62.2 | 51.1  | 76.7   |       |       |

Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM



#56

Ethyl methacrylate

Concen: 47.399 ug/l

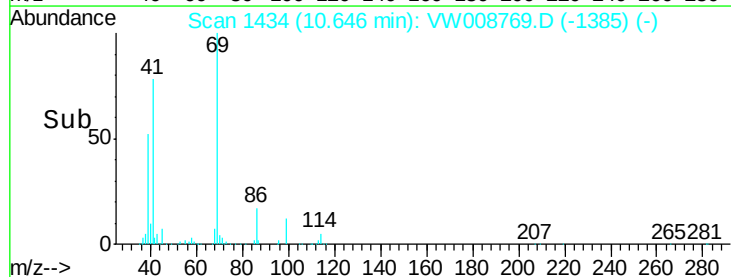
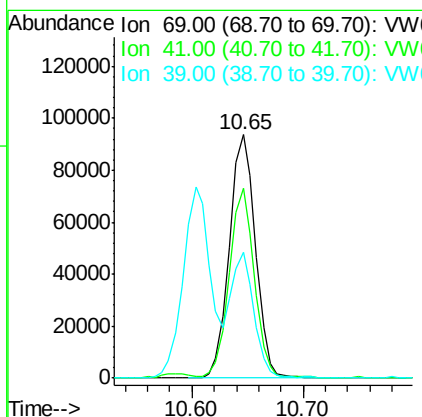
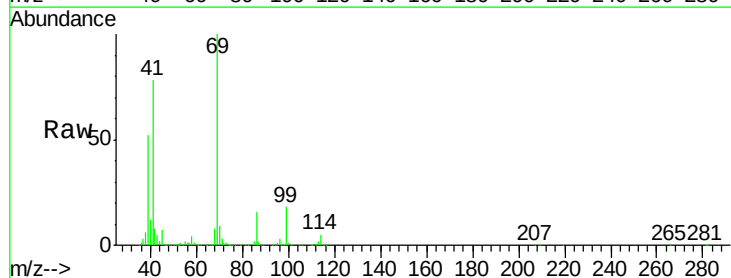
RT: 10.65 min Scan# 1434

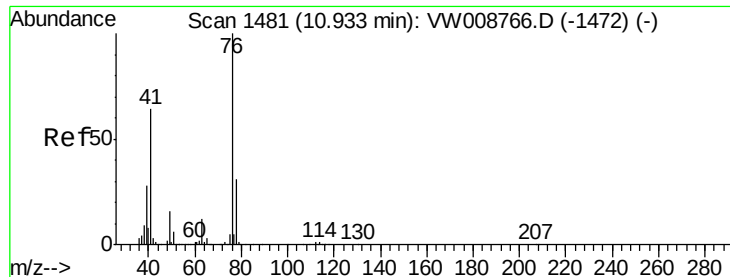
Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 151776 |       |       |
| 41      | 74.3 | 57.4  | 86.0   |       |       |
| 39      | 45.1 | 34.8  | 52.2   |       |       |





#57

1,3-Dichloropropane

Concen: 46.943 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

ClientSampleId :

ICVW022119

Tot Ion: 76 Resp: 204276

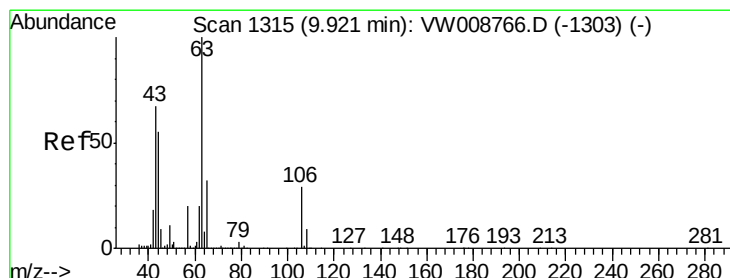
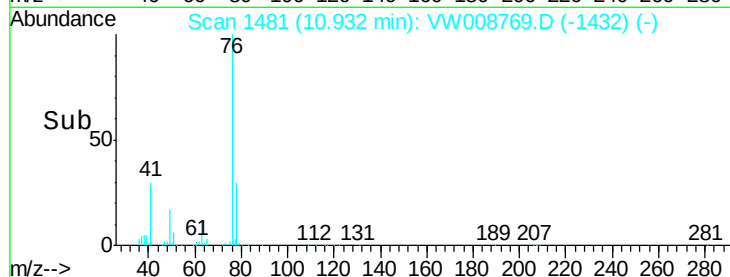
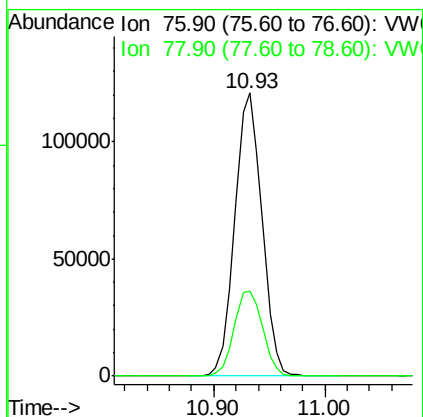
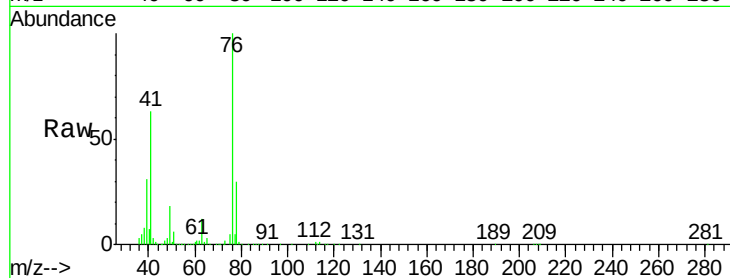
Ion Ratio Lower Upper

76 100

78 31.6 25.8 38.8

Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM



#58

2-Chloroethyl Vinyl ether

Concen: 237.012 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW008769.D

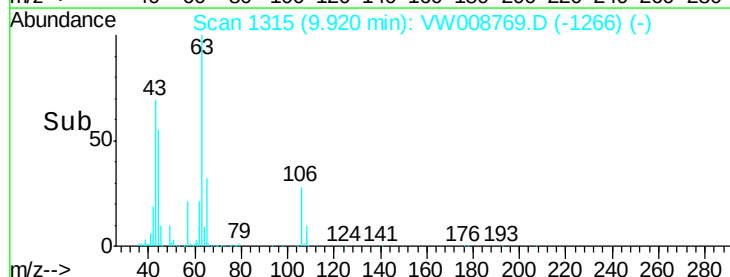
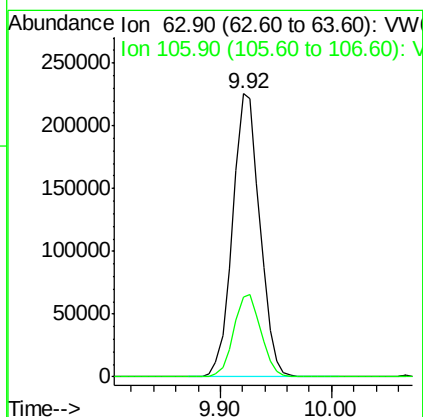
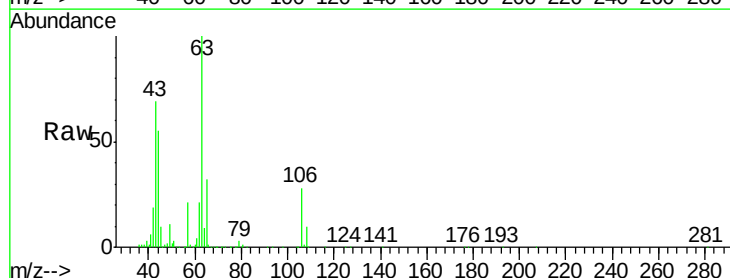
Acq: 21 Feb 2019 13:31

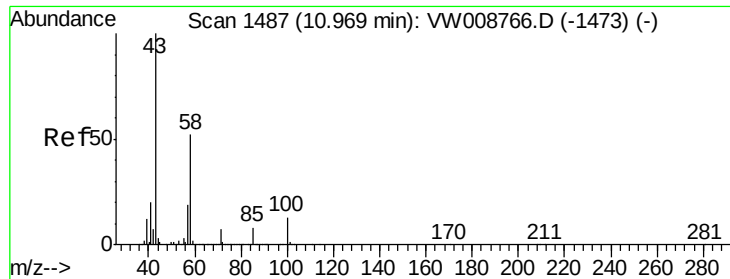
Tgt Ion: 63 Resp: 381702

Ion Ratio Lower Upper

63 100

106 29.1 24.0 36.0





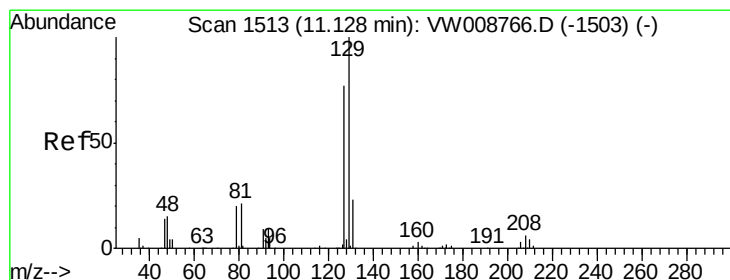
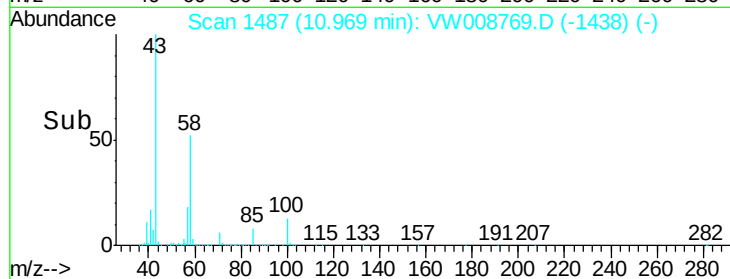
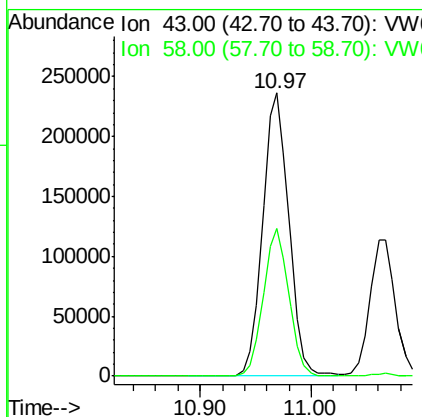
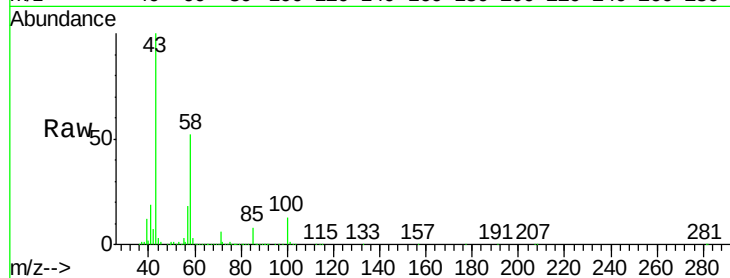
#59  
2-Hexanone  
Concen: 238.354 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 50.8  | 25.3  | 75.8  |

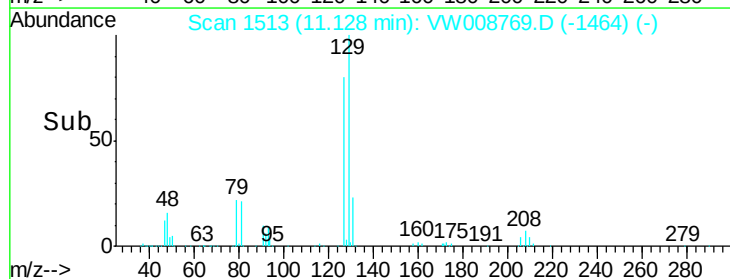
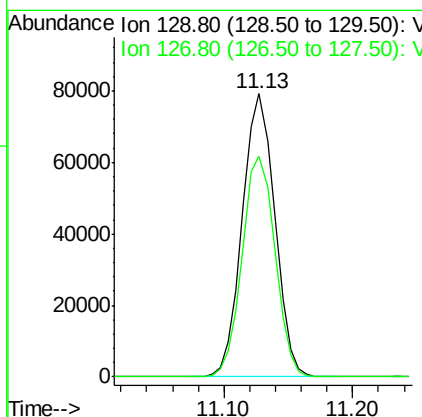
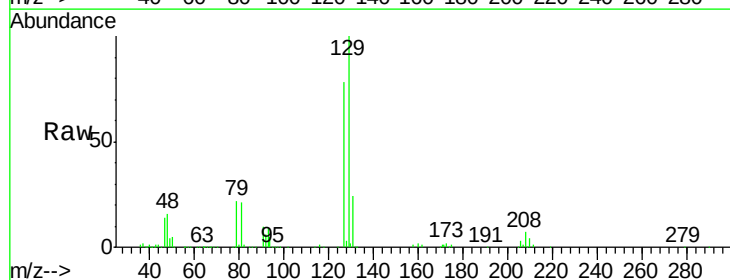
Manual Integrations  
APPROVED

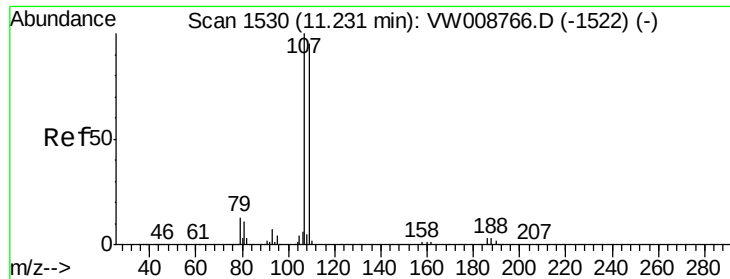
MMDadoda  
2/22/2019 12:25:39 PM



#60  
Dibromochloromethane  
Concen: 46.038 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 78.6  | 39.0  | 116.9 |





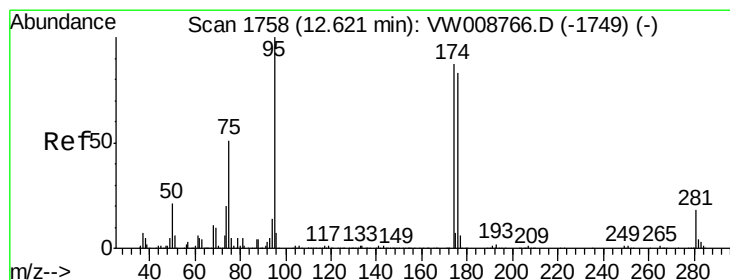
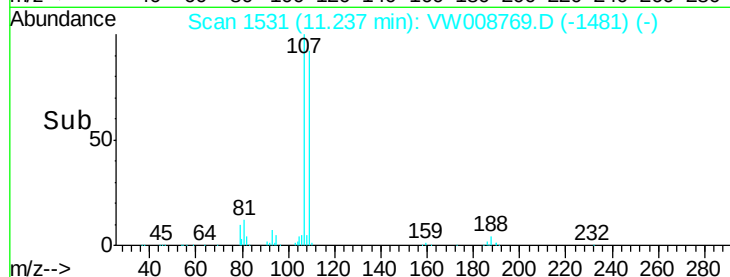
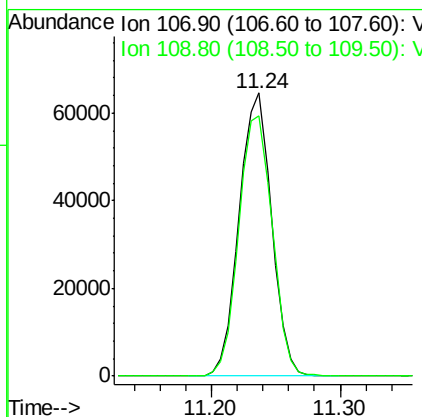
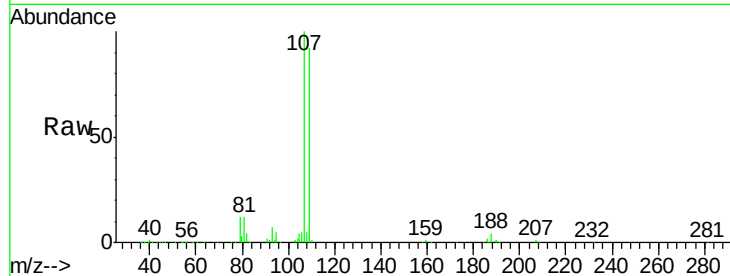
#61  
 1,2-Dibromoethane  
 Concen: 46.077 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. 0.01 min  
 Lab File: VW008769.D  
 Acq: 21 Feb 2019 13:31

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW022119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 95.2  | 75.6  | 113.4 |

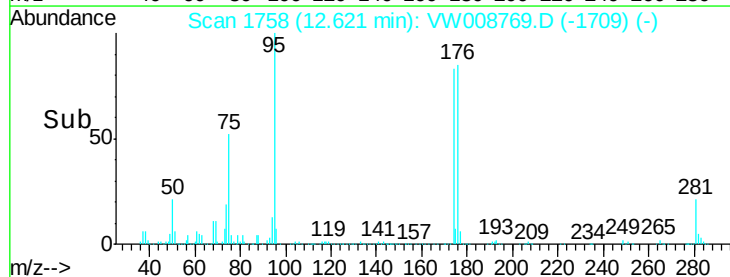
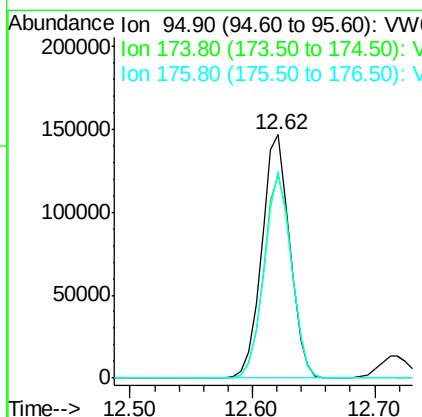
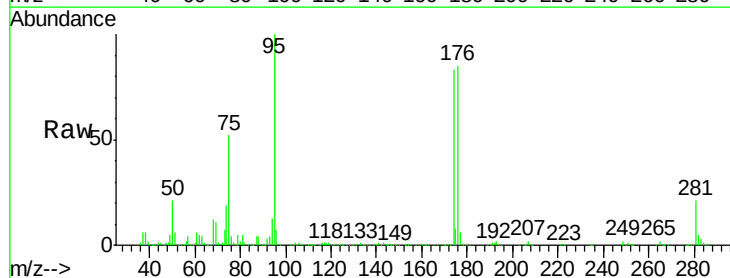
Manual Integrations  
 APPROVED

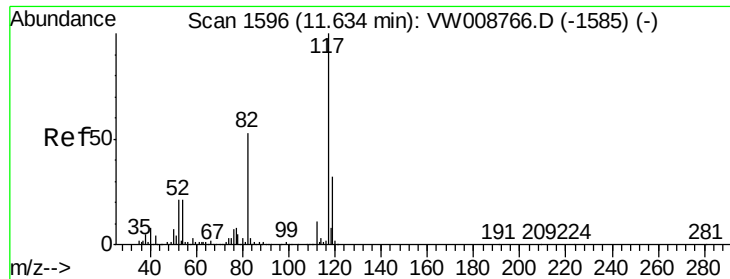
MMDadoda  
 2/22/2019 12:25:39 PM



#62  
 4-Bromofluorobenzene  
 Concen: 51.790 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. -0.00 min  
 Lab File: VW008769.D  
 Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 83.2  | 0.0   | 169.2 |
| 176     | 81.7  | 0.0   | 163.6 |





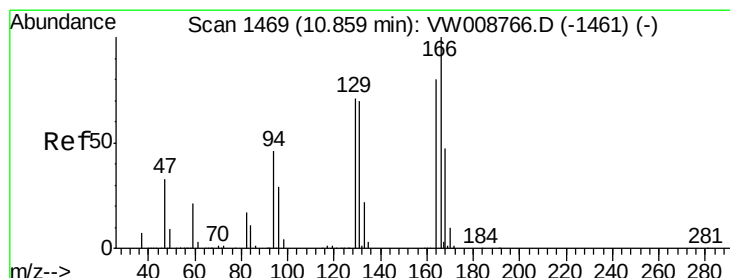
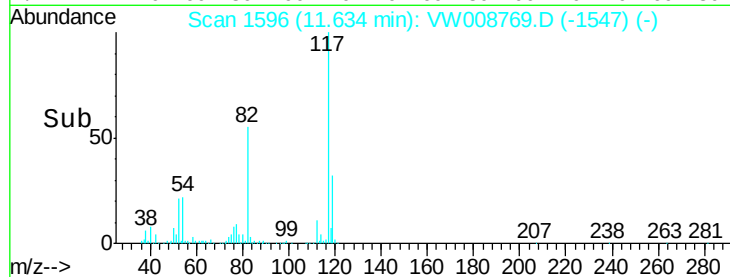
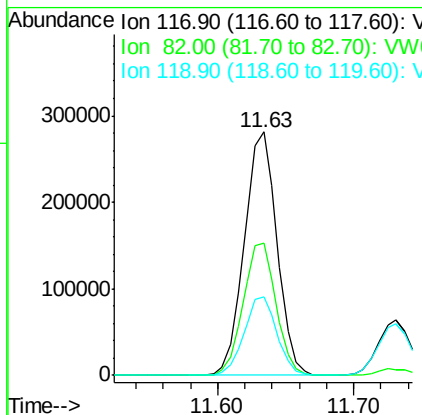
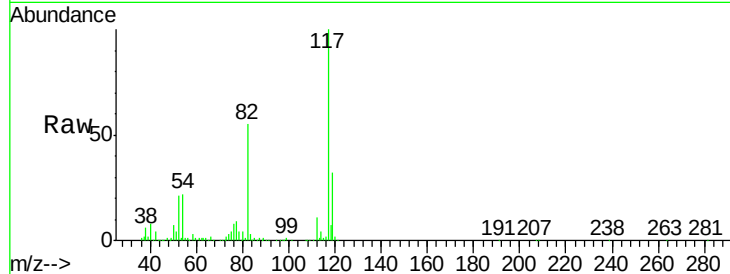
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 471661 |       |       |
| 82      | 54.5  | 42.2   | 63.4  |       |
| 119     | 32.2  | 25.9   | 38.9  |       |

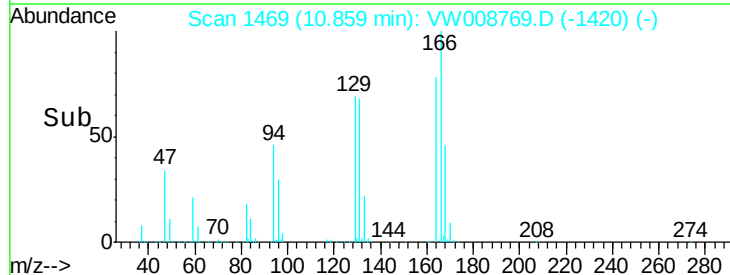
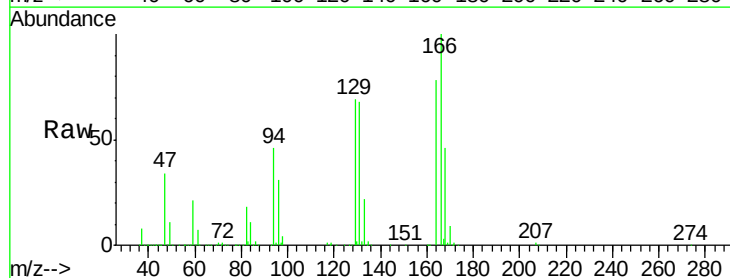
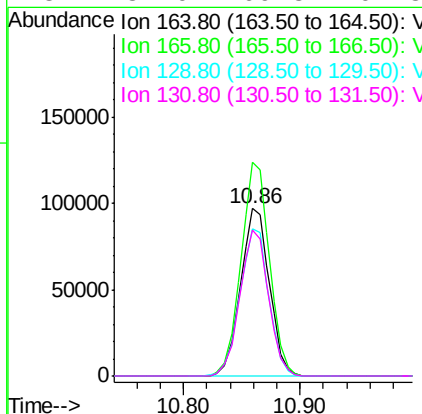
Manual Integrations  
APPROVED

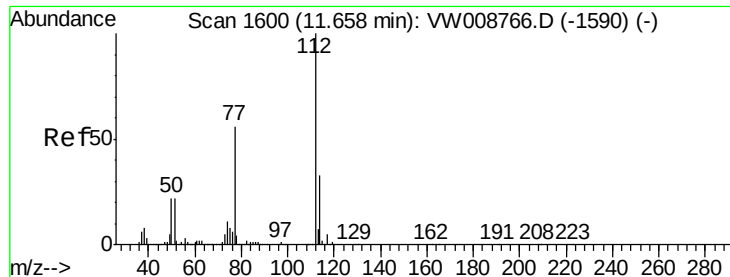
MMDadoda  
2/22/2019 12:25:39 PM



#64  
Tetrachloroethene  
Concen: 49.385 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 166735 |       |       |
| 166     | 127.7 | 99.5   | 149.3 |       |
| 129     | 88.2  | 71.1   | 106.7 |       |
| 131     | 87.0  | 69.8   | 104.8 |       |





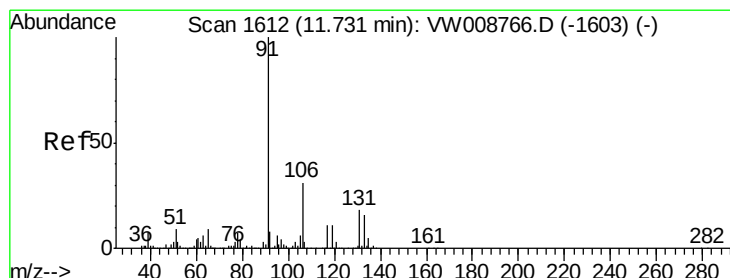
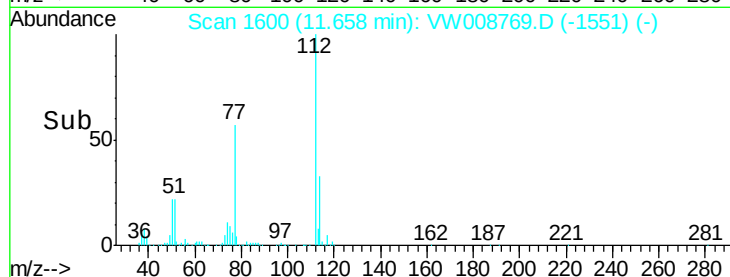
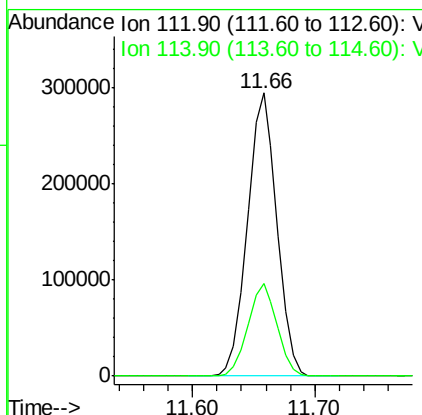
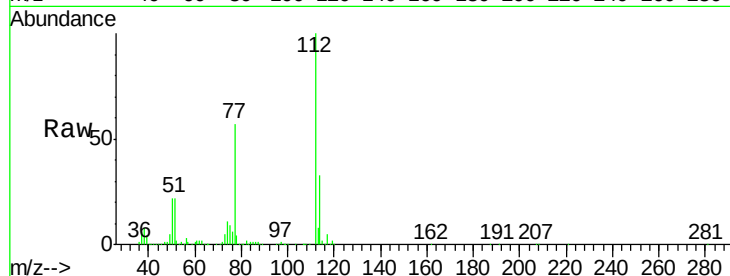
#65  
Chlorobenzene  
Concen: 49.462 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

Tot Ion:112 Resp: 490545  
Ion Ratio Lower Upper  
112 100  
114 32.7 26.6 40.0

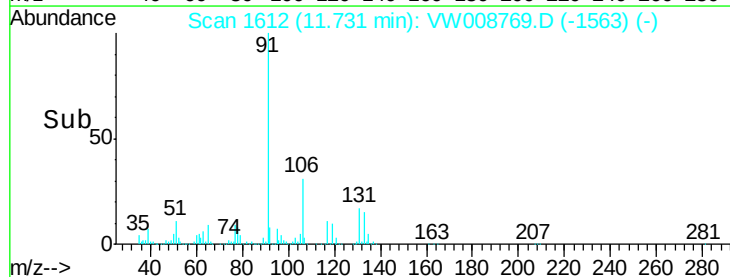
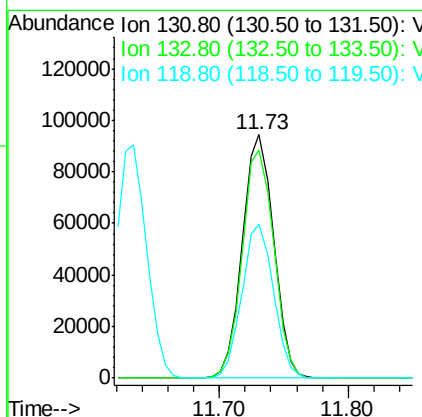
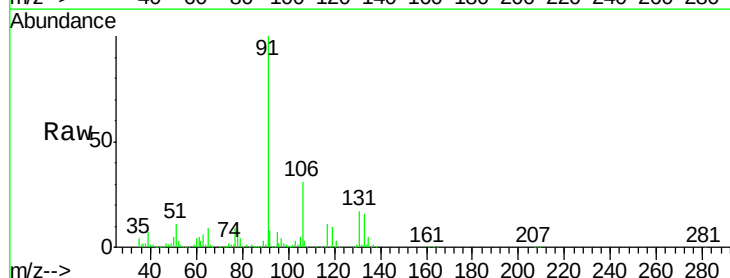
Manual Integrations  
APPROVED

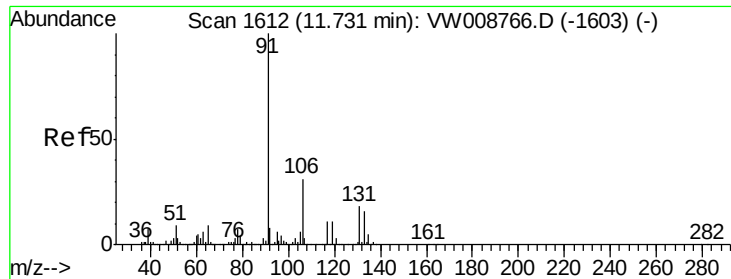
MMDadoda  
2/22/2019 12:25:39 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 47.294 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Tgt Ion:131 Resp: 158595  
Ion Ratio Lower Upper  
131 100  
133 94.6 46.7 140.0  
119 63.5 30.8 92.4





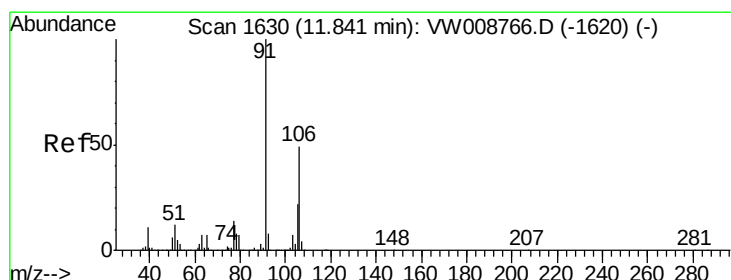
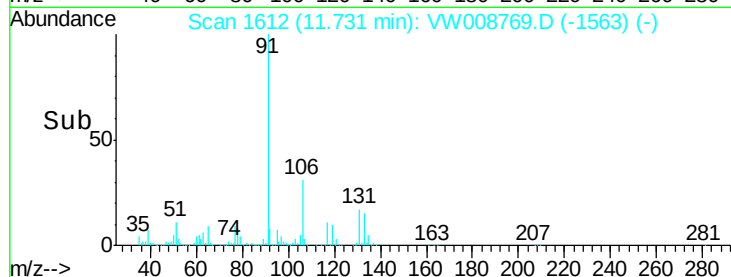
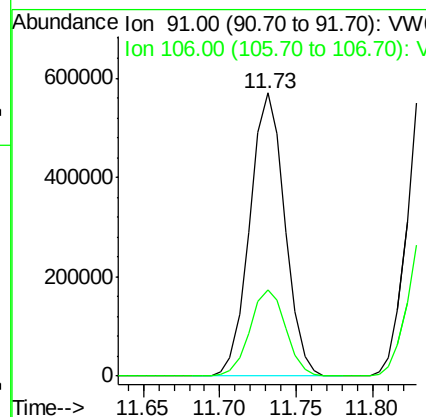
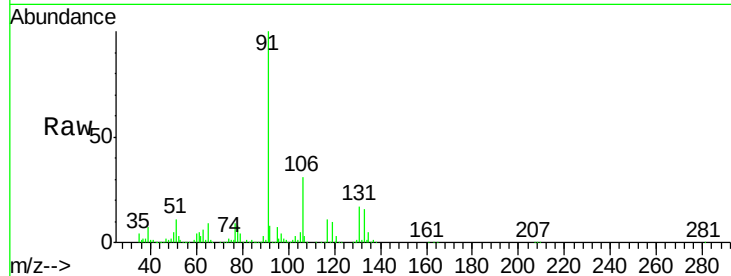
#67  
Ethyl Benzene  
Concen: 51.234 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

Tot Ion: 91 Resp: 908350  
Ion Ratio Lower Upper  
91 100  
106 30.6 25.0 37.6

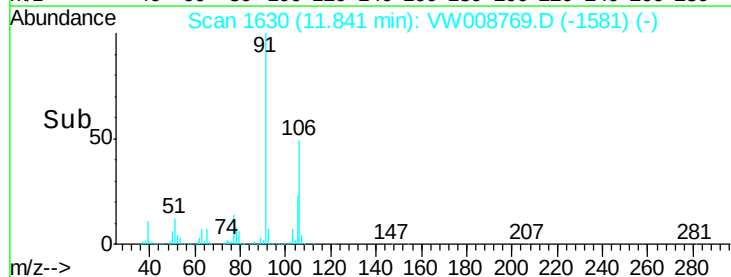
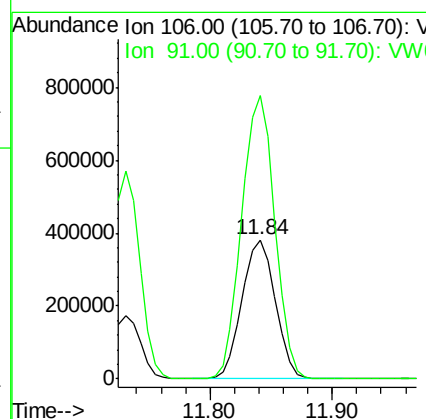
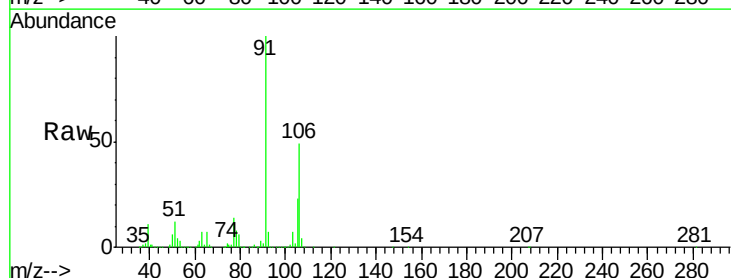
Manual Integrations  
APPROVED

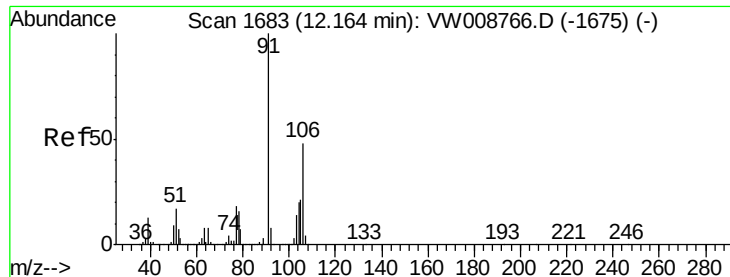
MMDadoda  
2/22/2019 12:25:39 PM



#68  
m/p-Xylenes  
Concen: 101.706 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Tgt Ion: 106 Resp: 720464  
Ion Ratio Lower Upper  
106 100  
91 202.3 161.5 242.3





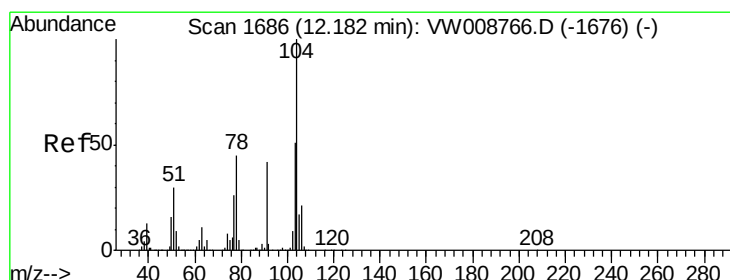
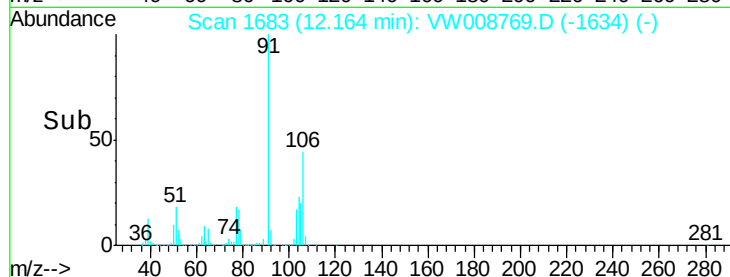
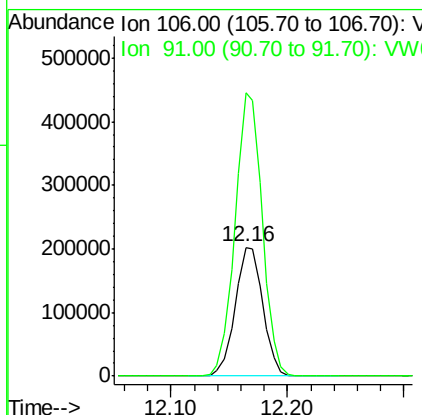
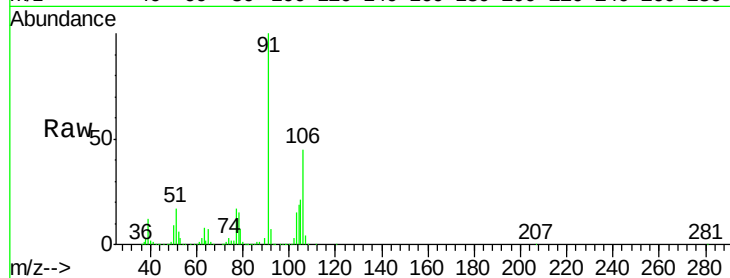
#69  
o-Xylene  
Concen: 50.317 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

Tot Ion:106 Resp: 334553  
Ion Ratio Lower Upper  
106 100  
91 216.0 106.2 318.6

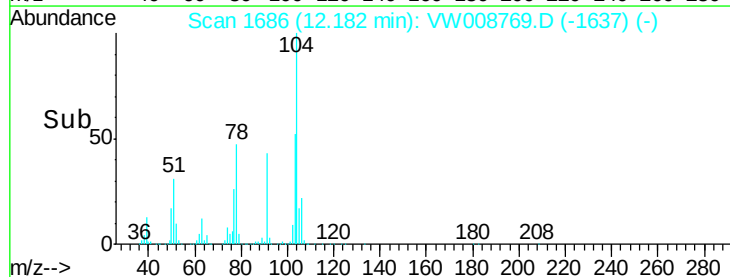
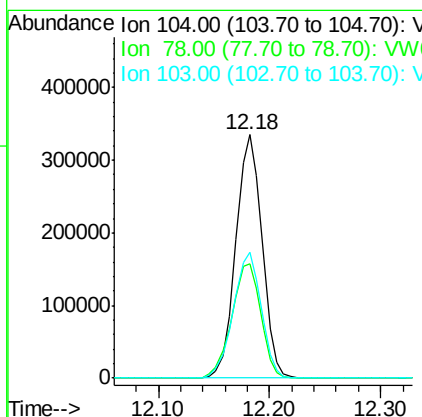
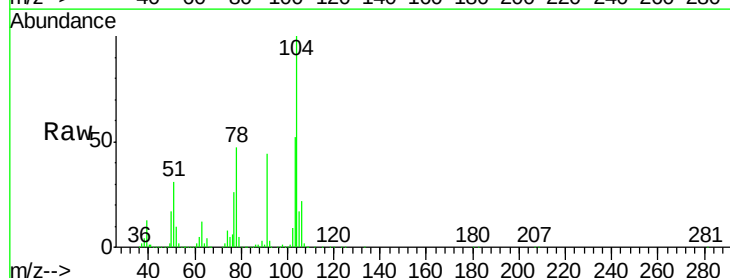
Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM

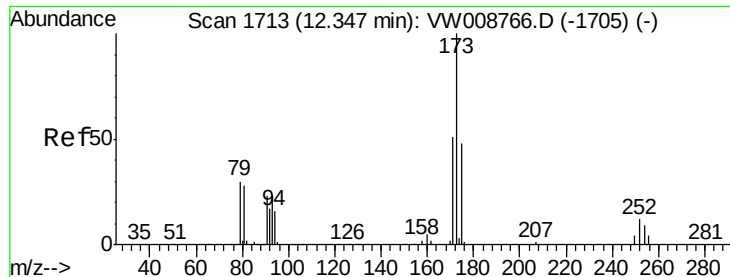


#70  
Styrene  
Concen: 51.016 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Tgt Ion:104 Resp: 545724  
Ion Ratio Lower Upper  
104 100  
78 52.1 40.8 61.2  
103 55.2 44.2 66.2







#71

Bromoform

Concen: 45.491 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

ClientSampleId :

ICVW022119

Tot Ion:173 Resp: 82001

Ion Ratio Lower Upper

173 100

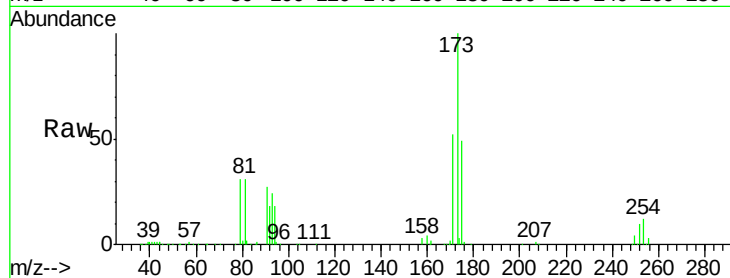
175 49.0 24.2 72.6

254 0.2 0.2 0.4#

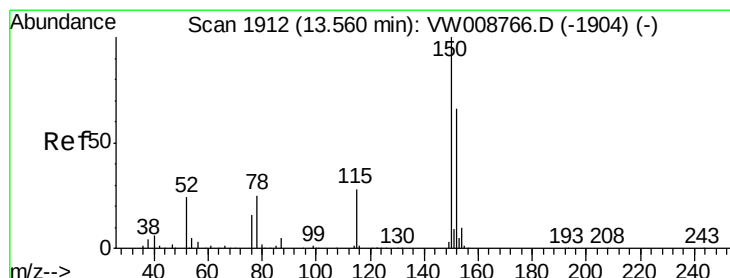
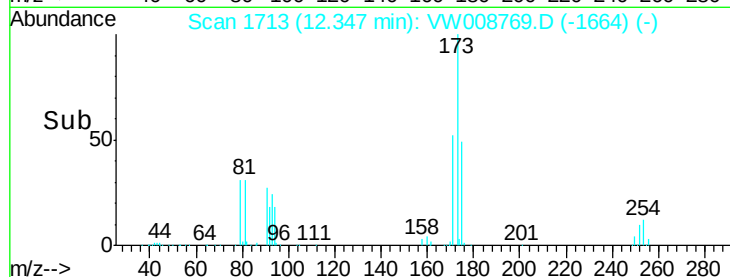
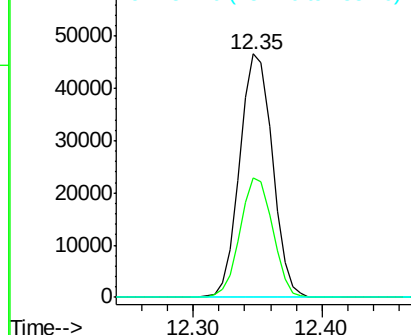
Manual Integrations  
APPROVED

MMDadoda

2/22/2019 12:25:39 PM



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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

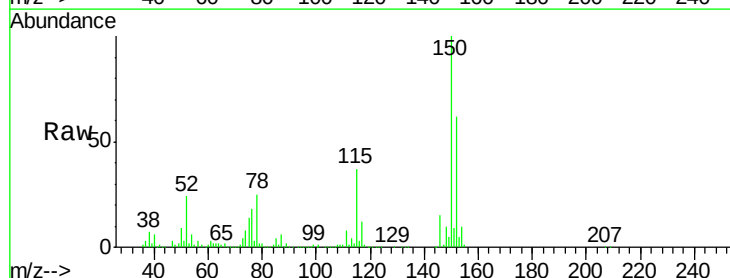
Tgt Ion:152 Resp: 256570

Ion Ratio Lower Upper

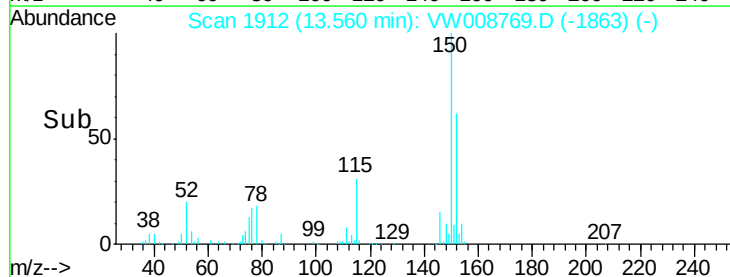
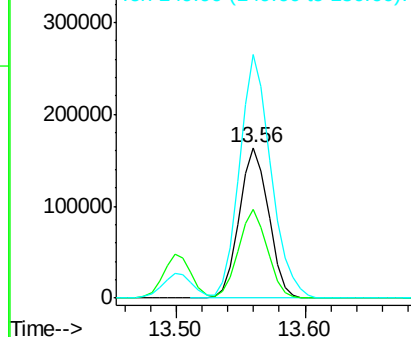
152 100

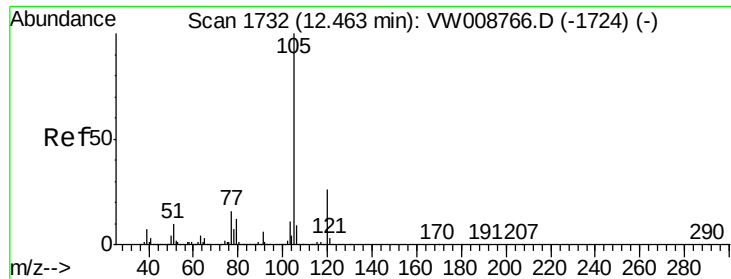
115 58.0 28.6 85.8

150 174.0 0.0 348.0



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: 53.315 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

ClientSampleId :

ICVW022119

Tot Ion: 105 Resp: 937754

Ion Ratio Lower Upper

105 100

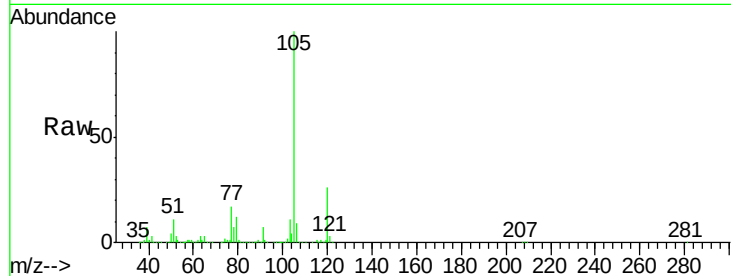
120 26.3 13.3 39.9

Manual Integrations

APPROVED

MMDadoda

2/22/2019 12:25:39 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

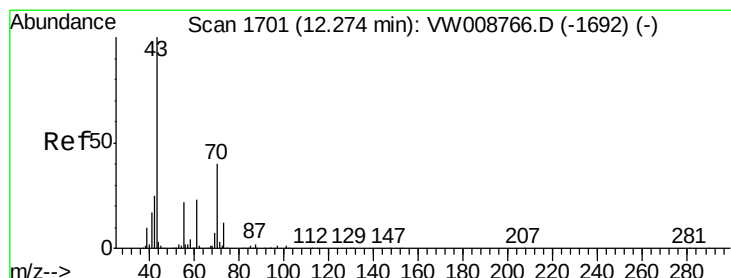
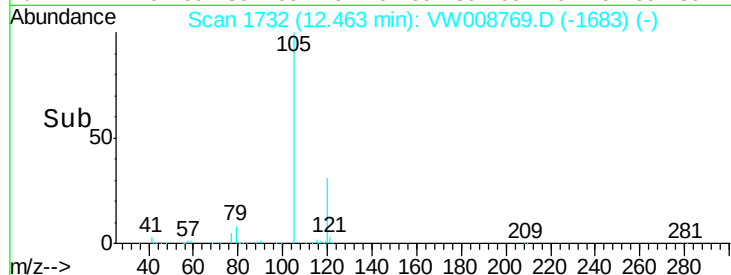
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 49.934 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Tgt Ion: 43 Resp: 221232

Ion Ratio Lower Upper

43 100

70 38.7 31.0 46.6

55 22.5 18.7 28.1

61 21.6 18.1 27.1

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

200000

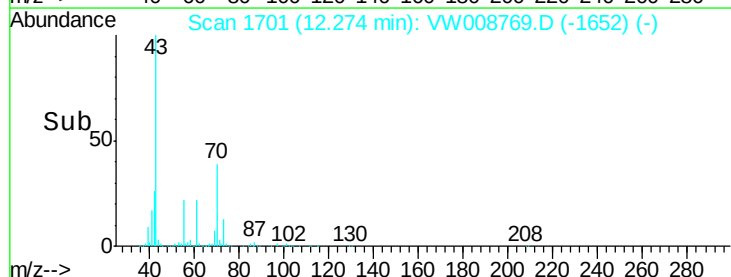
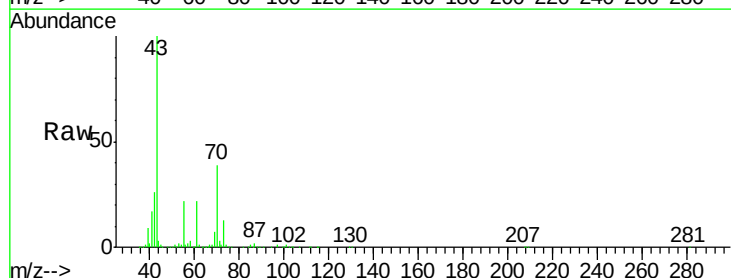
150000

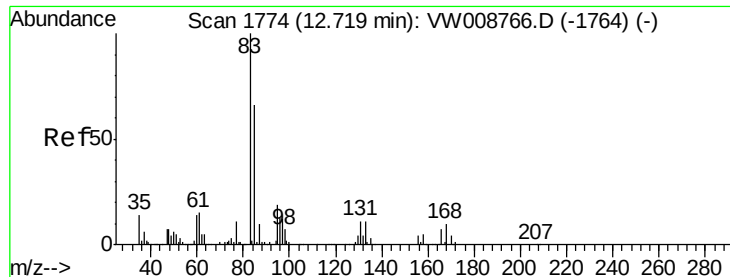
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.563 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

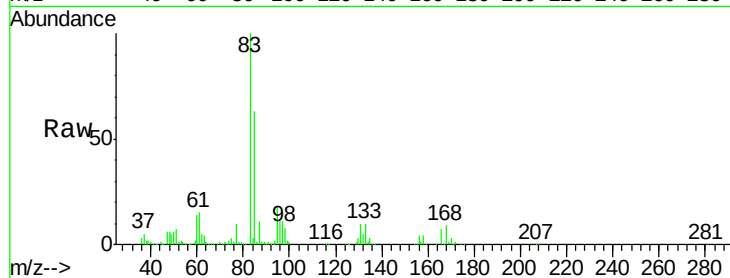
ClientSampleId :

ICVW022119

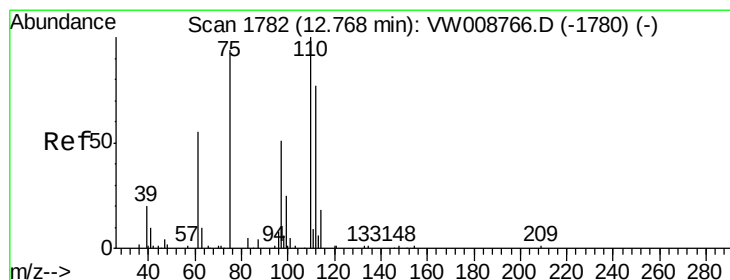
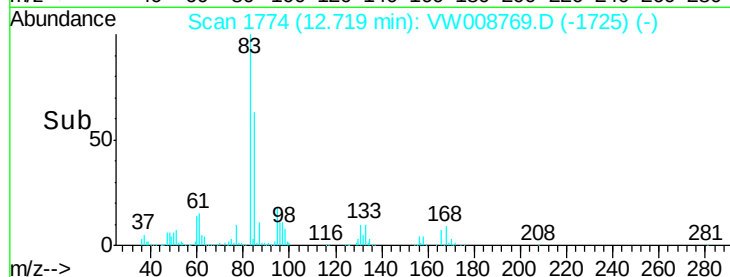
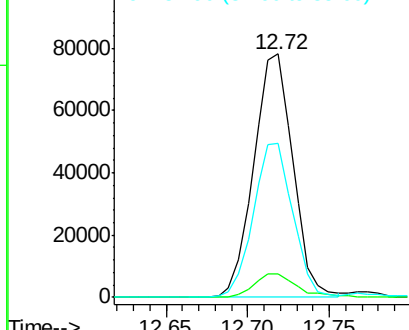
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 130947 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.0  | 5.5   | 16.7   |
| 85        | 63.8  | 33.0  | 98.9   |

Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM



Abundance Ion 82.90 (82.60 to 83.60): VW  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 45.473 ug/l m

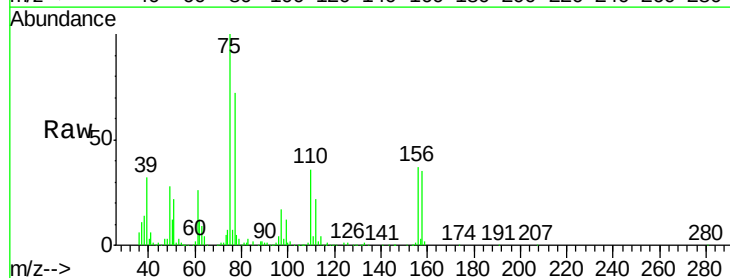
RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

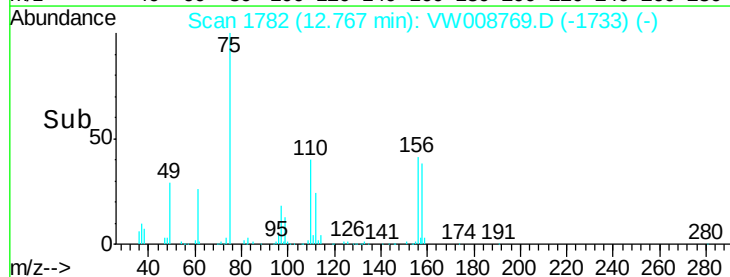
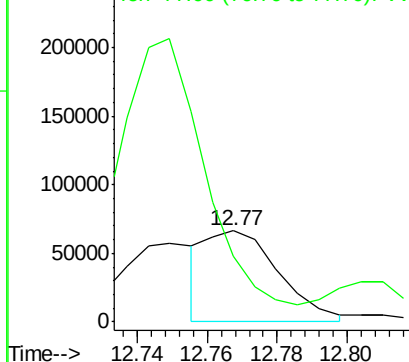
Lab File: VW008769.D

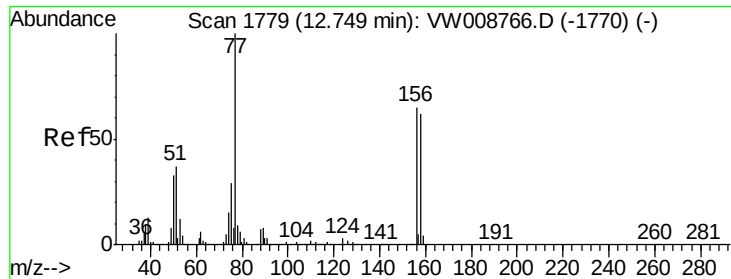
Acq: 21 Feb 2019 13:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 96327 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 384.0 | 0.0   | 0.0#  |



Abundance Ion 74.90 (74.60 to 75.60): VW  
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.030 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

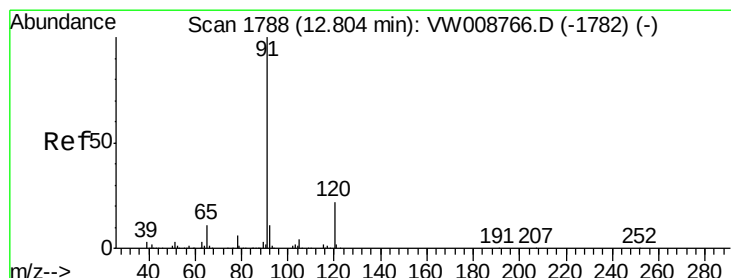
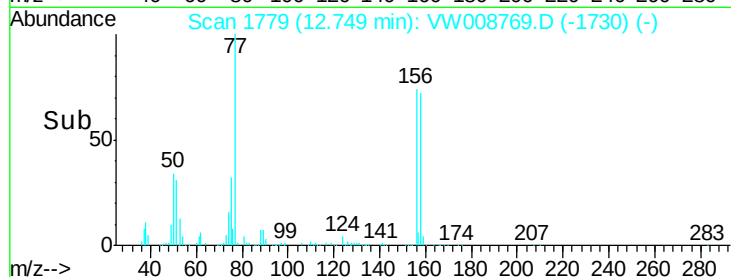
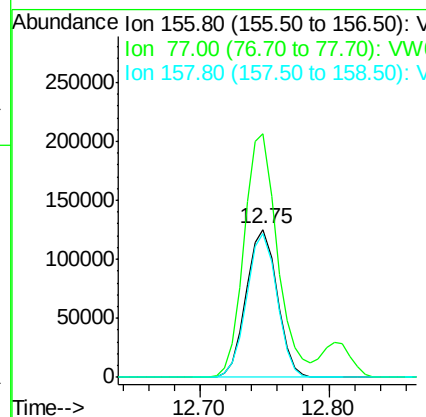
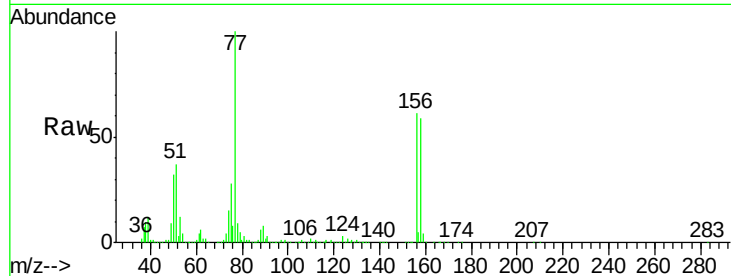
ClientSampleId :

ICVW022119

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 207948 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 177.9 | 89.1  | 267.4  |
| 158       | 95.3  | 49.2  | 147.6  |

Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM



#78

n-propylbenzene

Concen: 53.032 ug/l

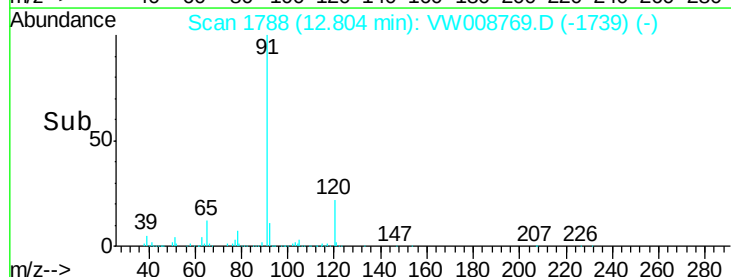
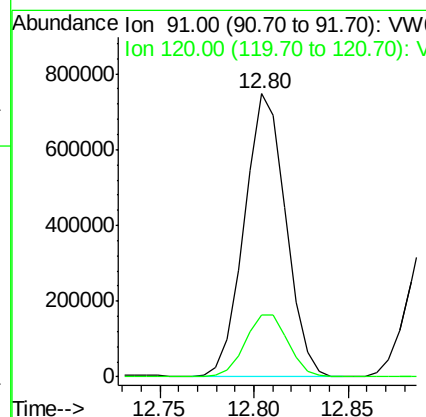
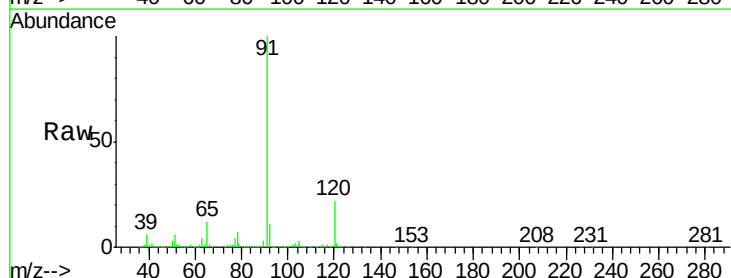
RT: 12.80 min Scan# 1788

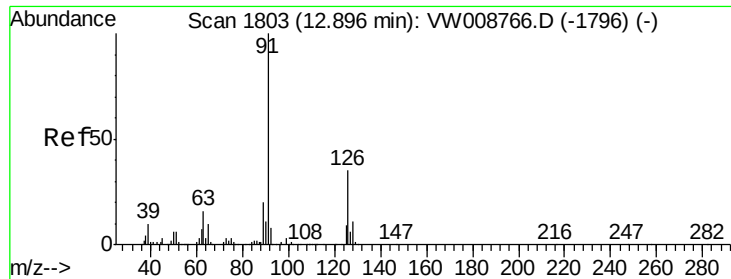
Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1140998 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 22.7  | 11.5  | 34.4    |





#79

2-Chlorotoluene

Concen: 51.458 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

ClientSampleId :

ICVW022119

Tot Ion: 91 Resp: 628585

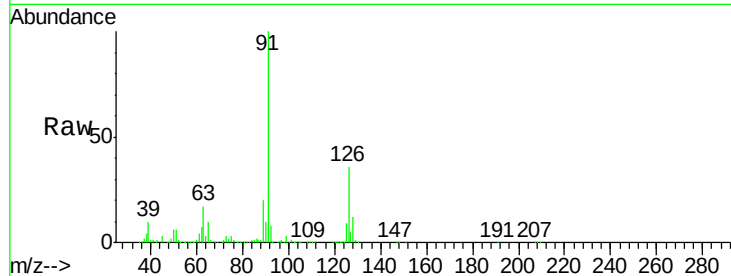
Ion Ratio Lower Upper

91 100

126 34.0 17.0 51.0

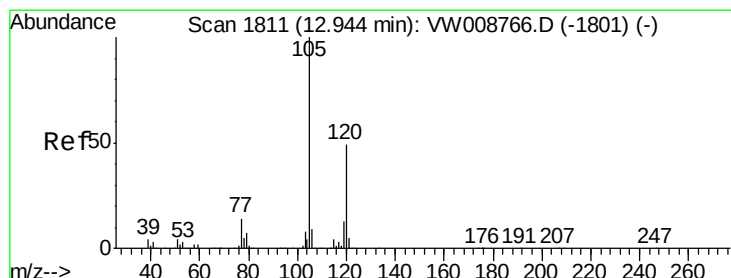
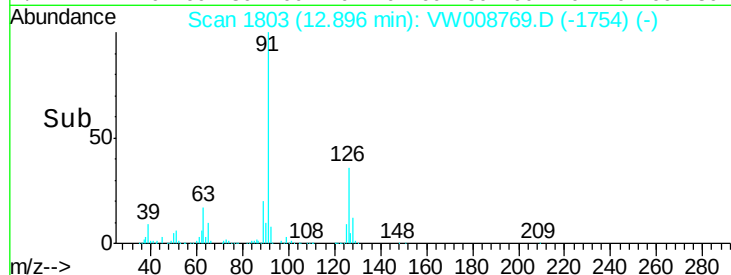
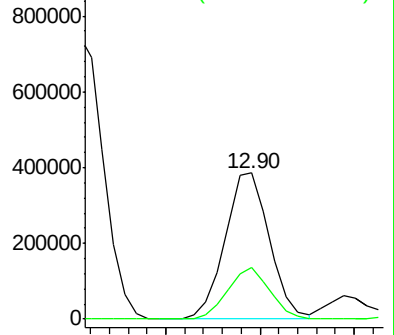
Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.854 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008769.D

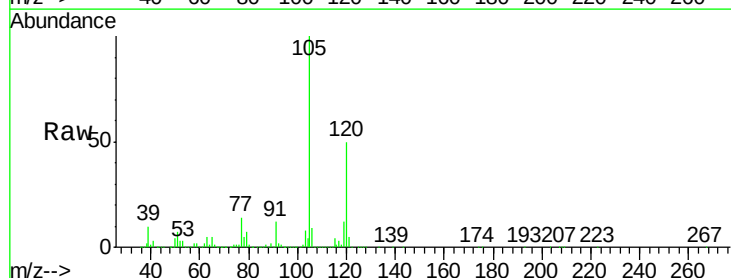
Acq: 21 Feb 2019 13:31

Tgt Ion: 105 Resp: 807884

Ion Ratio Lower Upper

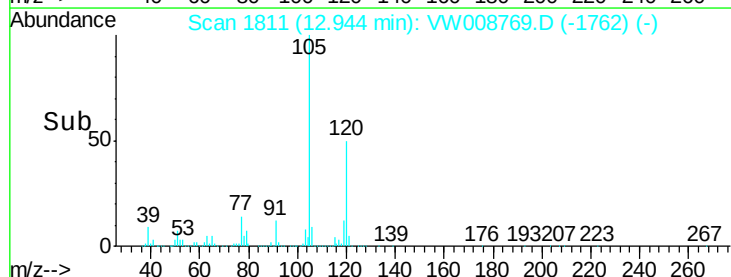
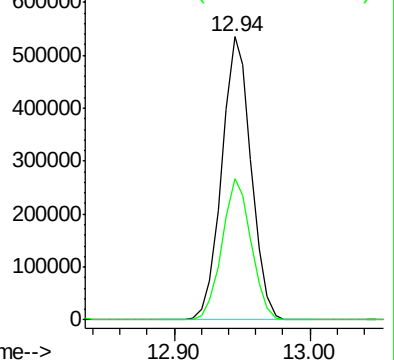
105 100

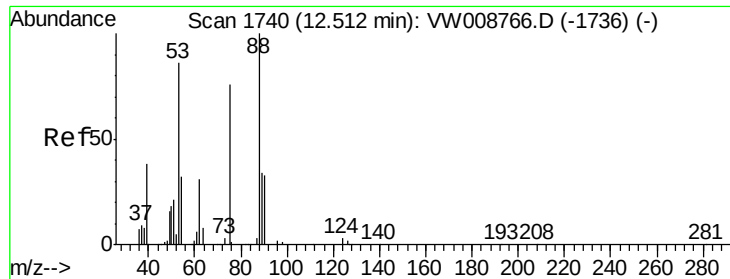
120 49.8 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





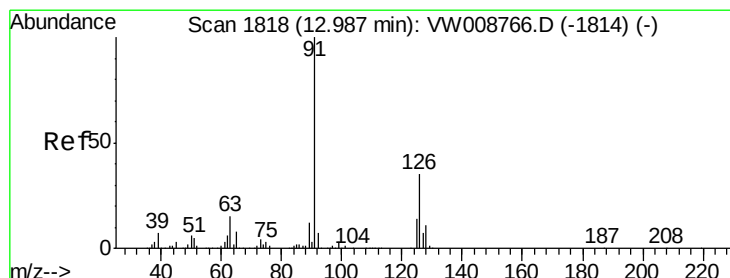
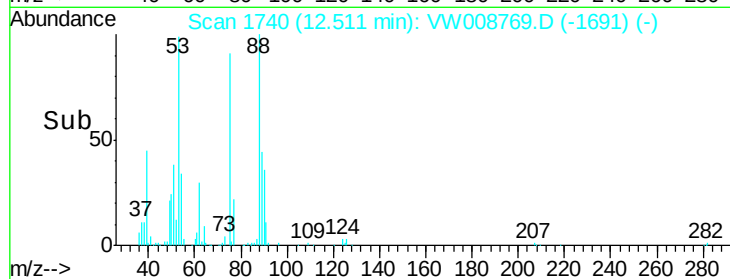
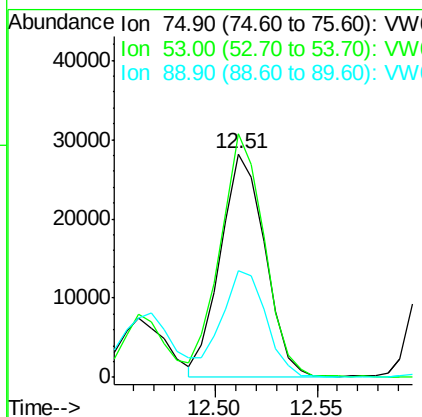
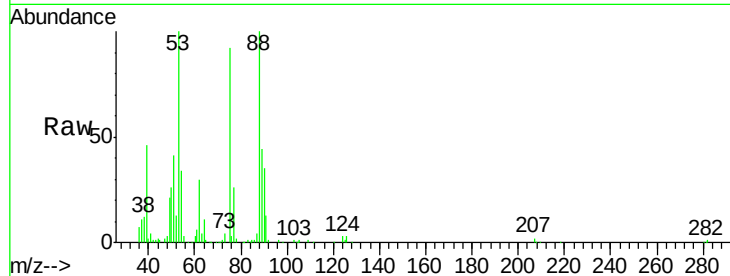
#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.667 ug/l  
RT: 12.51 min Scan# 1740  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 108.6 | 88.2  | 132.2 |
| 89      | 49.2  | 39.5  | 59.3  |

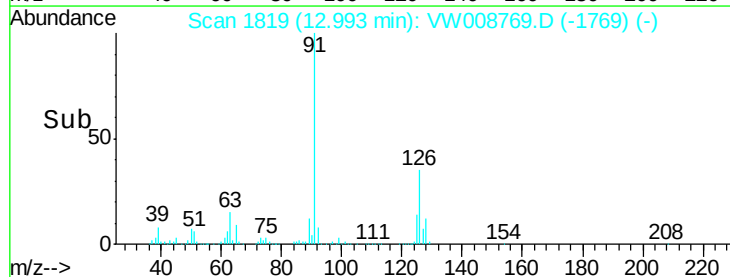
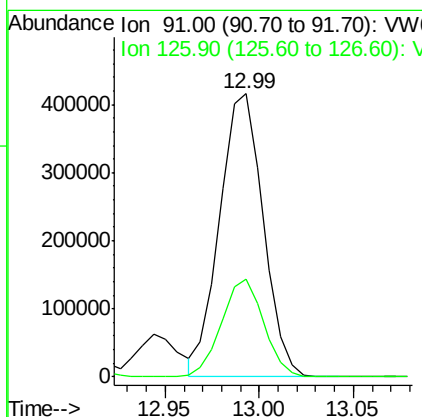
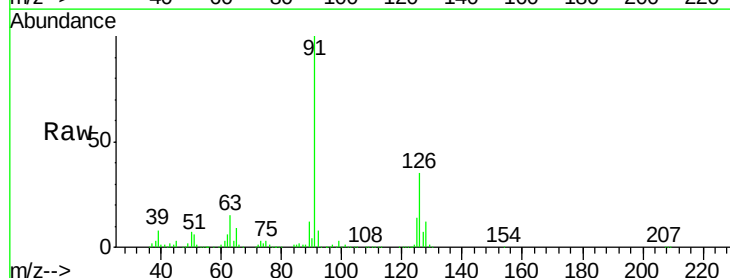
Manual Integrations  
APPROVED

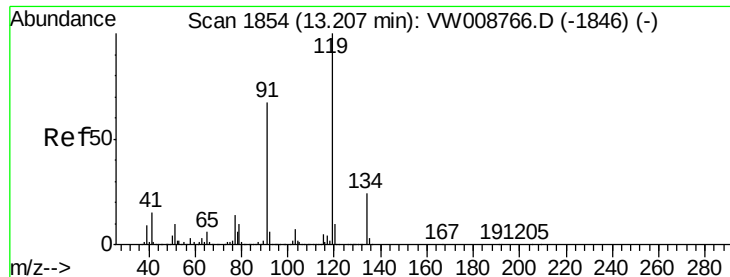
MMDadoda  
2/22/2019 12:25:39 PM



#82  
4-Chlorotoluene  
Concen: 51.813 ug/l  
RT: 12.99 min Scan# 1819  
Delta R.T. 0.01 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.7  | 17.2  | 51.6  |





#83

tert-Butylbenzene

Concen: 51.956 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

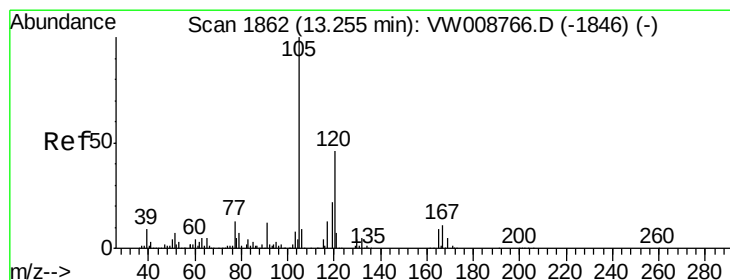
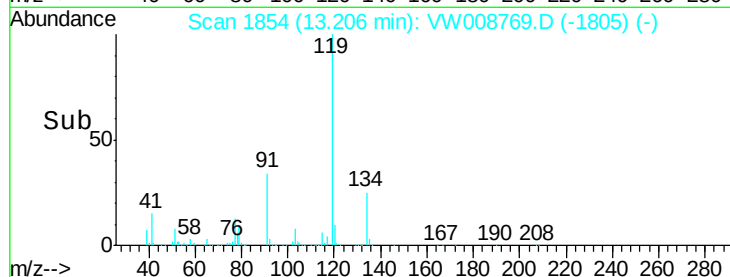
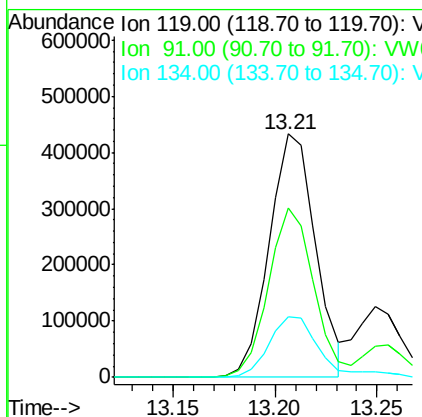
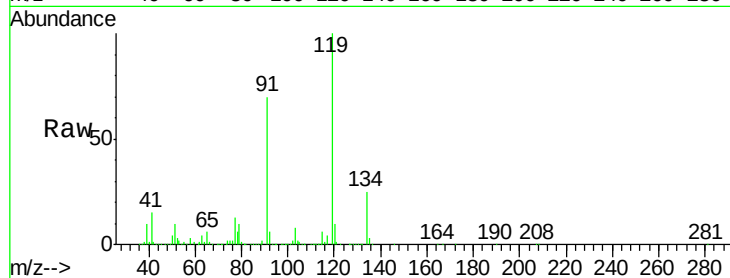
Instrument :  
MSVOA\_W

ClientSampleId :  
ICVW022119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 68.3  | 33.6  | 100.8 |
| 134     | 27.6  | 13.7  | 41.1  |

Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM



#84

1,2,4-Trimethylbenzene

Concen: 51.566 ug/l

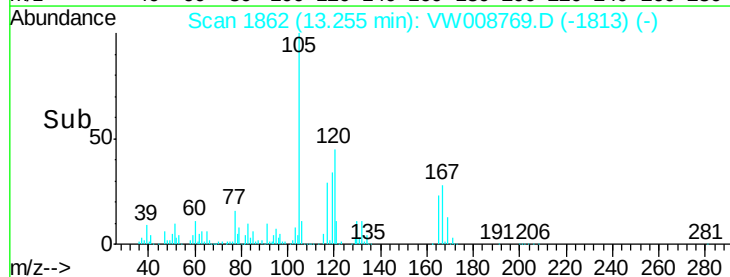
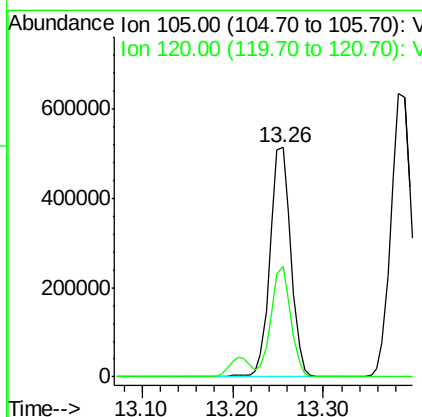
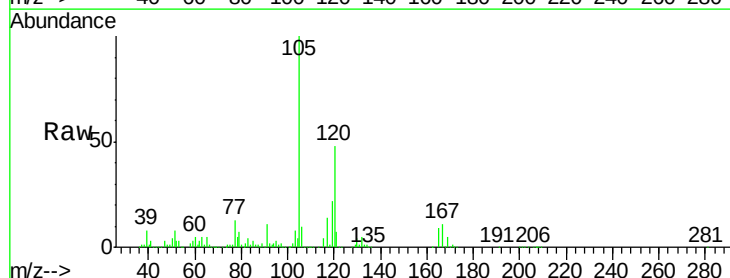
RT: 13.26 min Scan# 1862

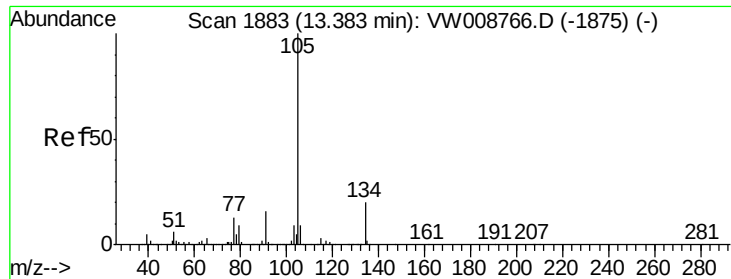
Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.8  | 22.8  | 68.4  |





#85

sec-Butylbenzene

Concen: 52.835 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

Instrument :

MSVOA\_W

ClientSampleId :

ICVW022119

Tot Ion:105 Resp: 1004079

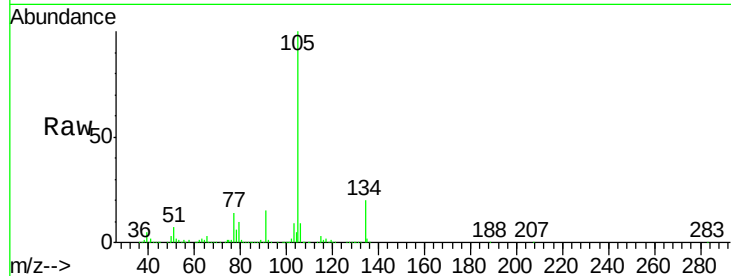
Ion Ratio Lower Upper

105 100

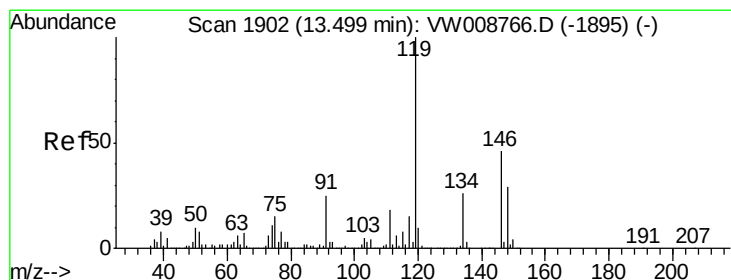
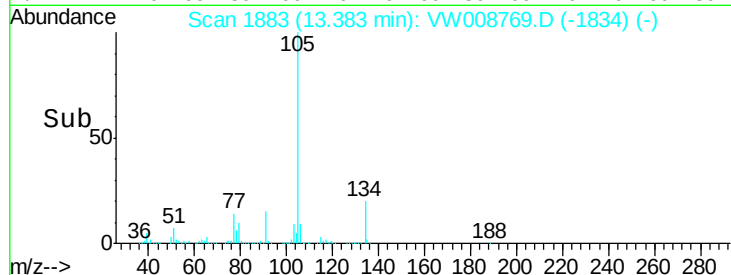
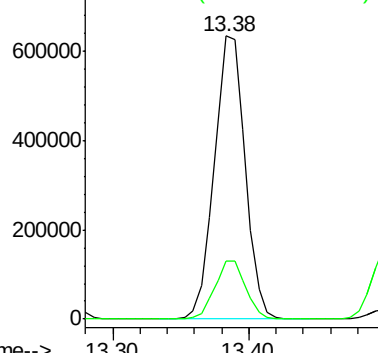
134 20.5 10.4 31.1

Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.412 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW008769.D

Acq: 21 Feb 2019 13:31

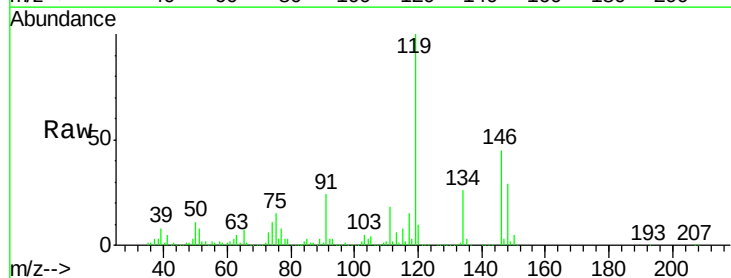
Tgt Ion:119 Resp: 913102

Ion Ratio Lower Upper

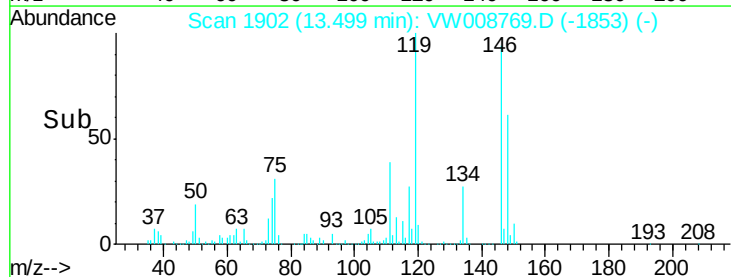
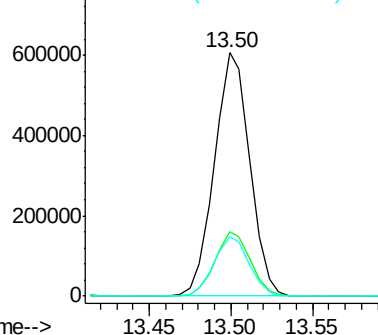
119 100

134 26.3 13.1 39.3

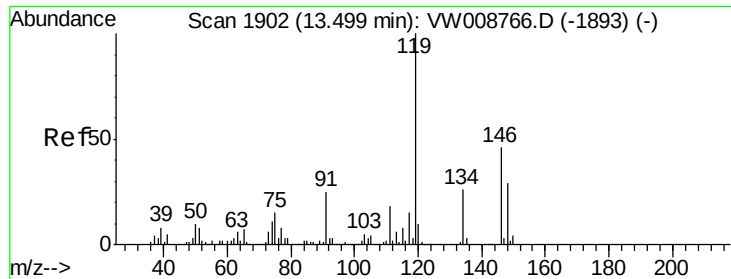
91 24.3 12.1 36.3



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







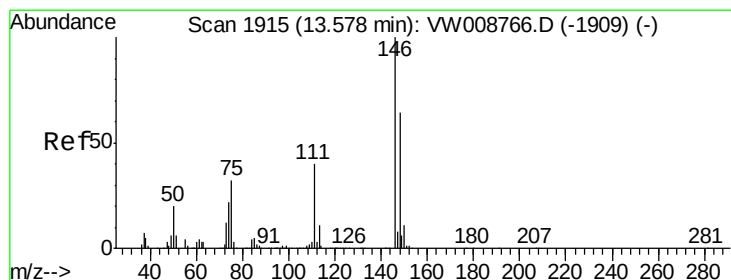
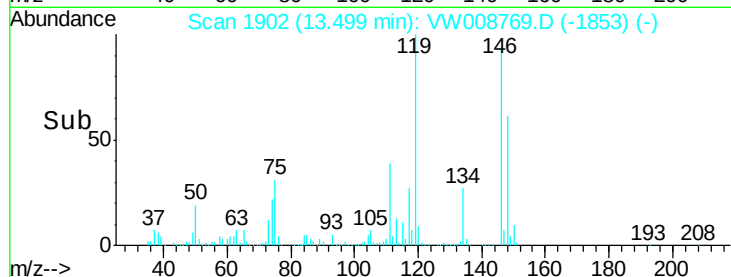
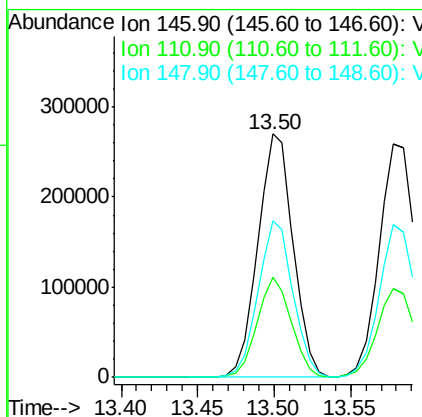
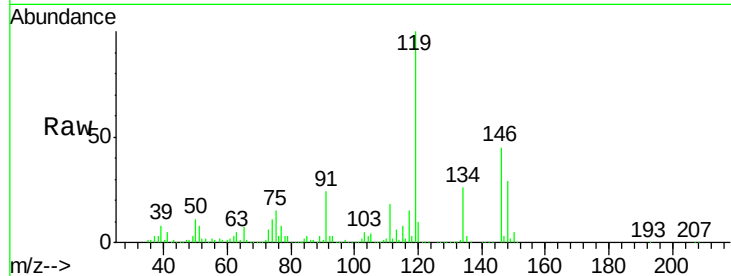
#87  
 1,3-Dichlorobenzene  
 Concen: 50.413 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW008769.D  
 Acq: 21 Feb 2019 13:31

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW022119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.7  | 19.9  | 59.7  |
| 148     | 63.5  | 31.6  | 94.8  |

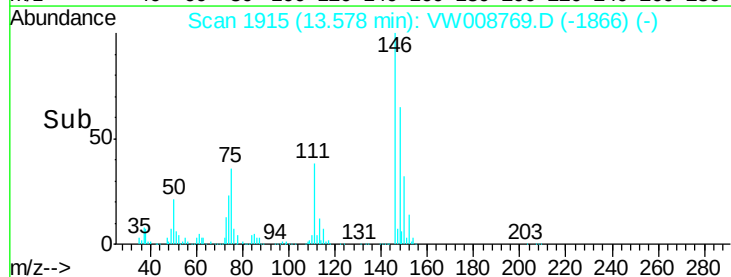
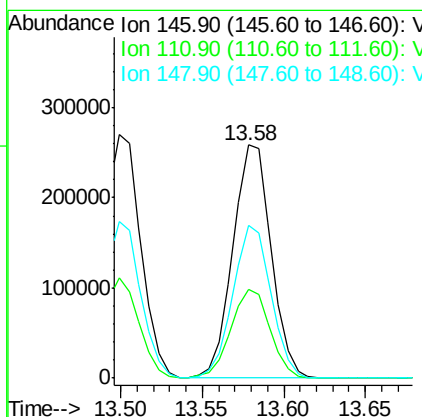
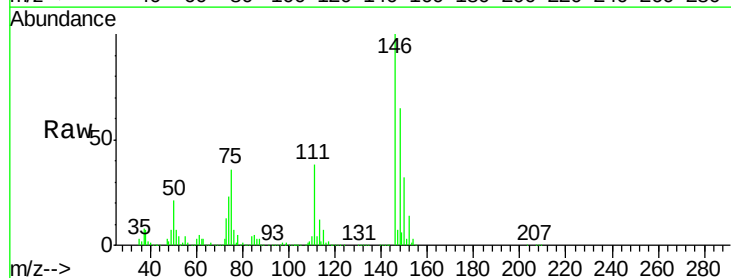
Manual Integrations  
 APPROVED

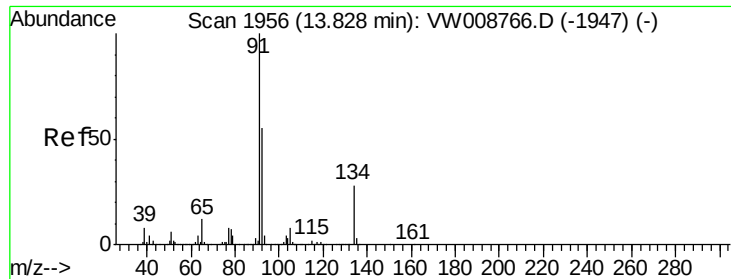
MMDadoda  
 2/22/2019 12:25:39 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 49.858 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW008769.D  
 Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.7  | 19.3  | 57.9  |
| 148     | 65.2  | 31.9  | 95.9  |





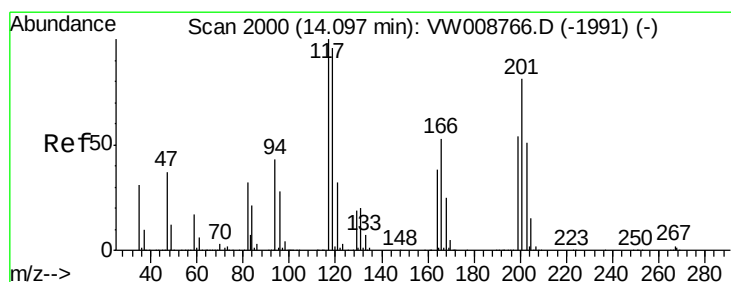
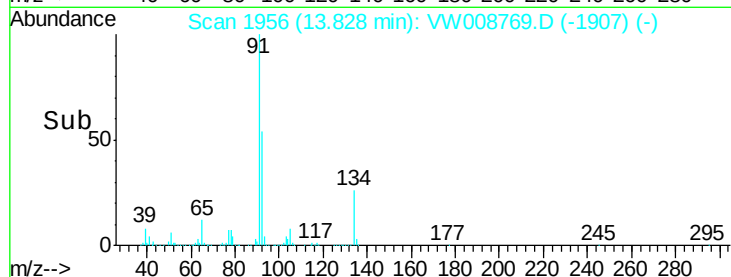
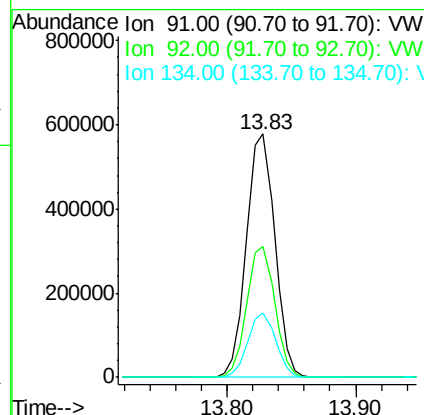
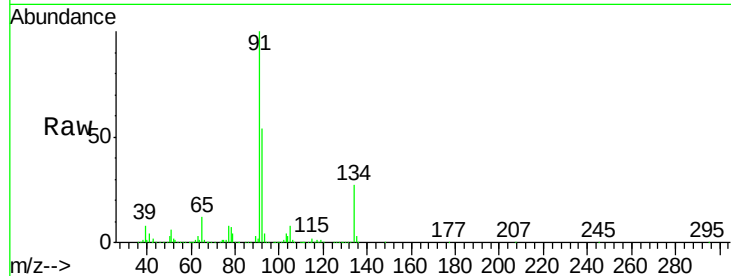
#89  
n-Butylbenzene  
Concen: 53.921 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.2  | 26.8  | 80.4  |
| 134     | 26.0  | 13.5  | 40.4  |

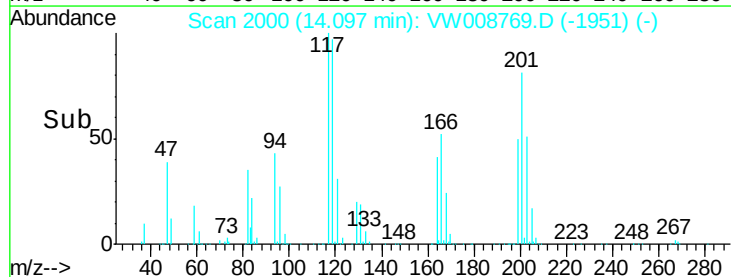
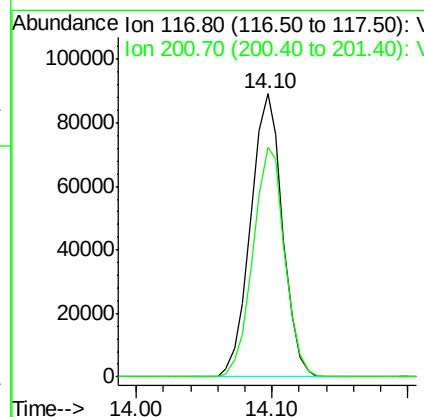
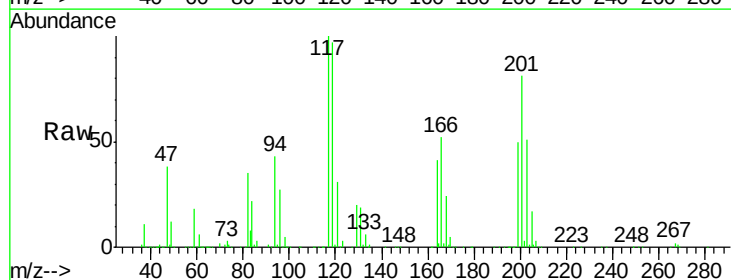
Manual Integrations  
APPROVED

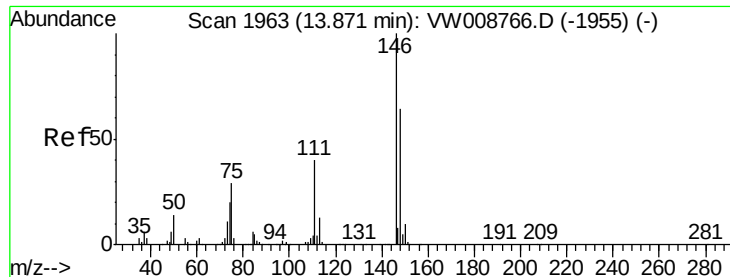
MMDadoda  
2/22/2019 12:25:39 PM



#90  
Hexachloroethane  
Concen: 51.398 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 80.9  | 40.3  | 120.8 |





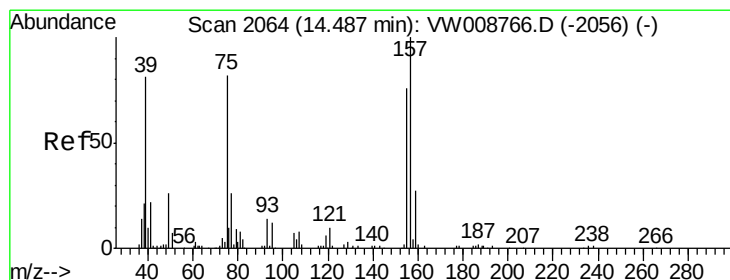
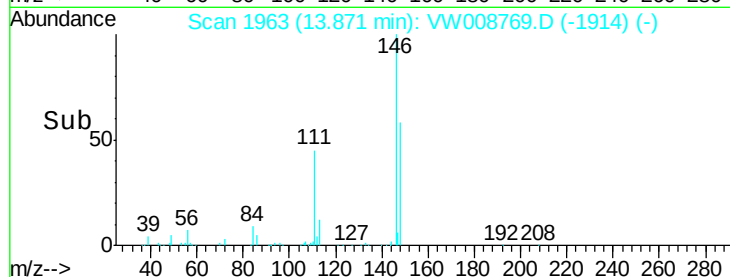
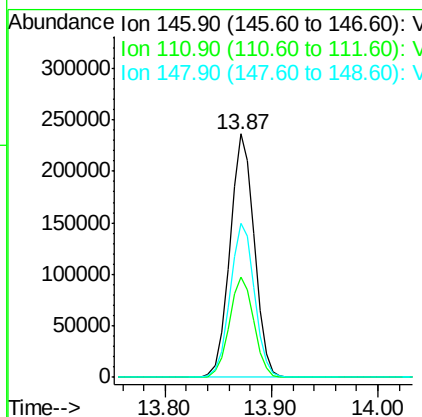
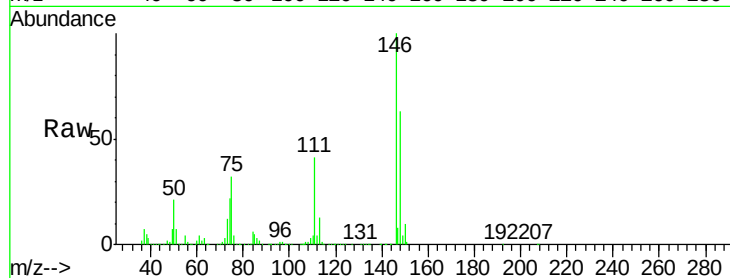
#91  
 1,2-Dichlorobenzene  
 Concen: 49.055 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW008769.D  
 Acq: 21 Feb 2019 13:31

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW022119

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 376935 |       |       |
| 111     | 41.6  | 20.3   | 60.8  |       |
| 148     | 63.5  | 32.5   | 97.5  |       |

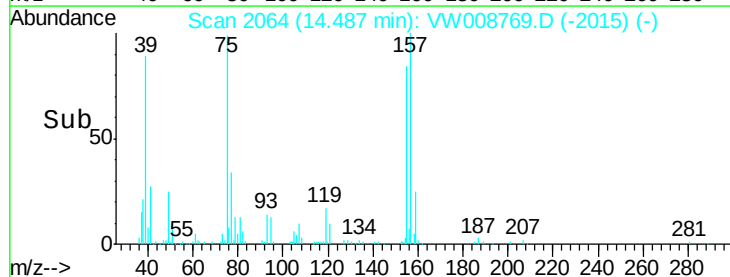
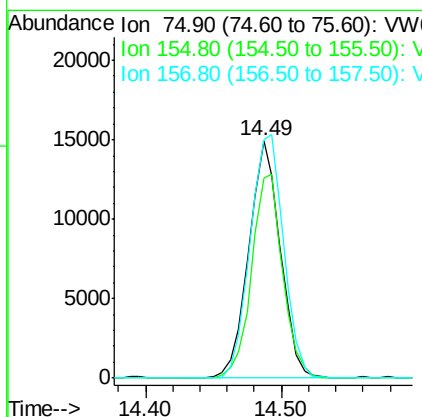
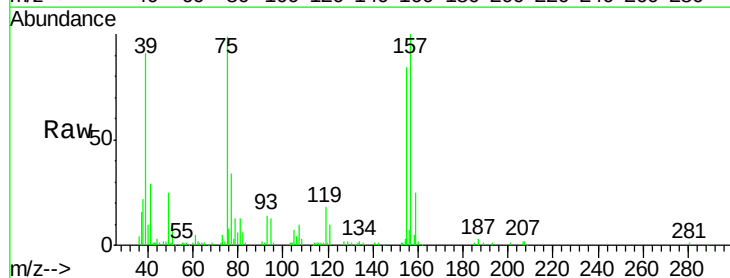
Manual Integrations  
 APPROVED

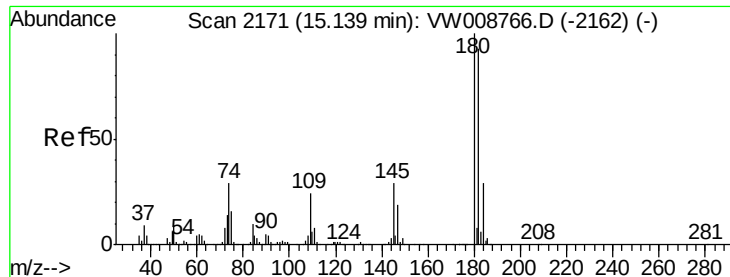
MMDadoda  
 2/22/2019 12:25:39 PM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 46.759 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: VW008769.D  
 Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 24309 |       |       |
| 155     | 84.3  | 41.8  | 125.4 |       |
| 157     | 108.7 | 56.6  | 169.9 |       |





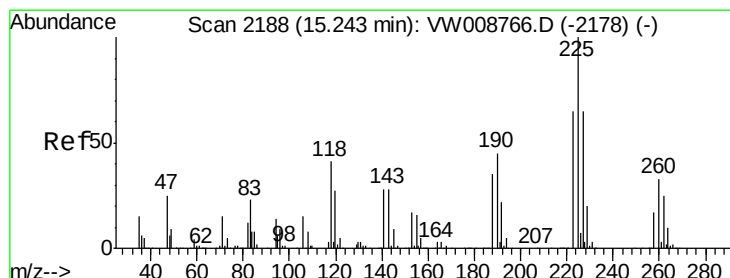
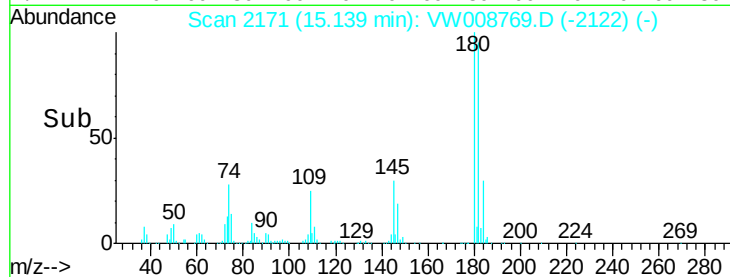
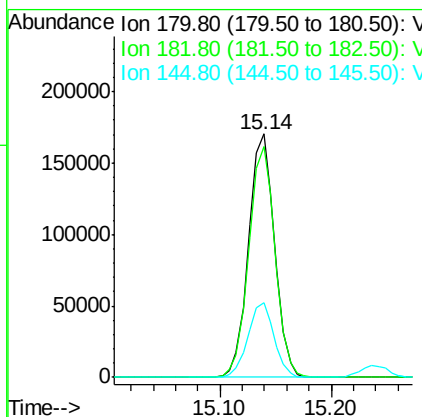
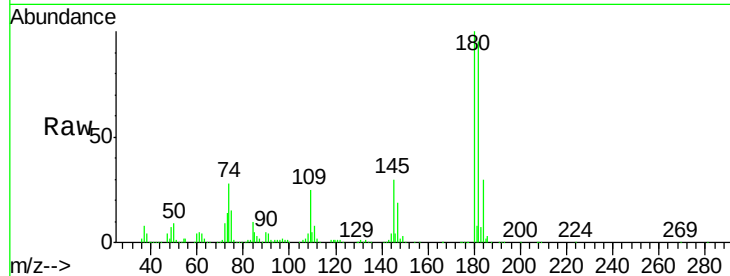
#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.926 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. -0.00 min  
 Lab File: VW008769.D  
 Acq: 21 Feb 2019 13:31

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW022119

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 276406 |       |       |
| 182     | 95.9  | 47.2   | 141.6 |       |
| 145     | 30.9  | 14.4   | 43.0  |       |

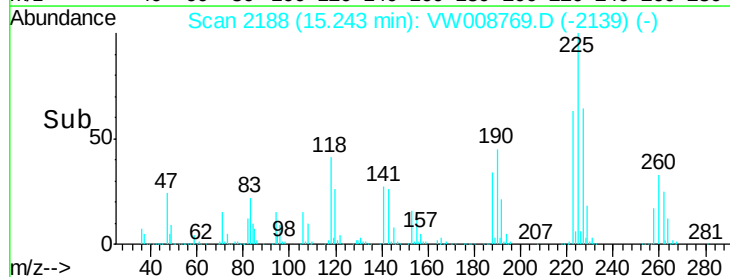
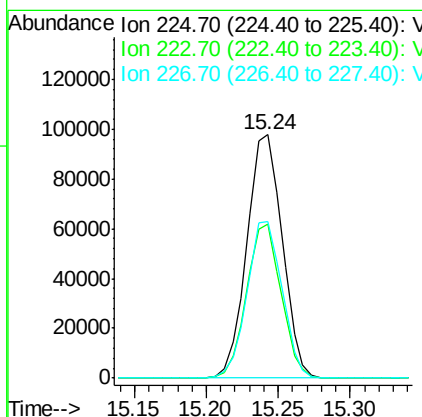
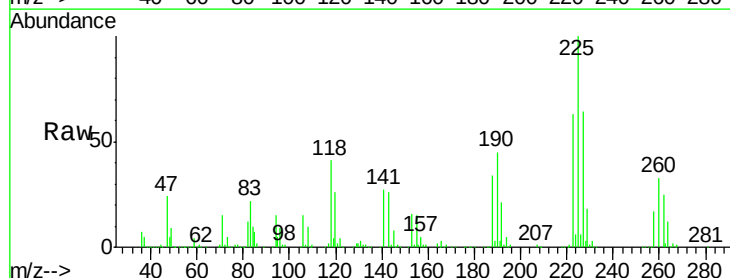
Manual Integrations  
 APPROVED

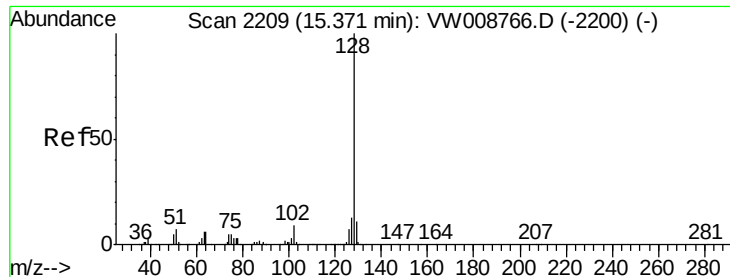
MMDadoda  
 2/22/2019 12:25:39 PM



#94  
 Hexachlorobutadiene  
 Concen: 50.917 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. -0.00 min  
 Lab File: VW008769.D  
 Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 166044 |       |       |
| 223     | 61.6  | 31.5   | 94.5  |       |
| 227     | 63.7  | 31.6   | 94.8  |       |





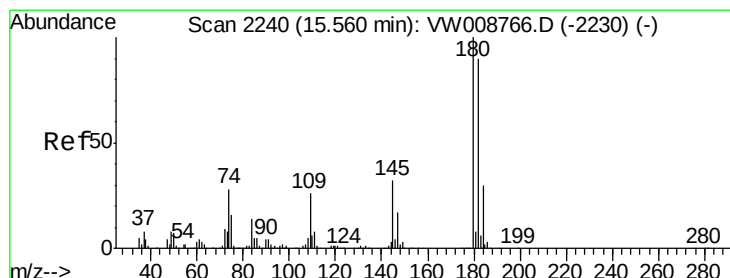
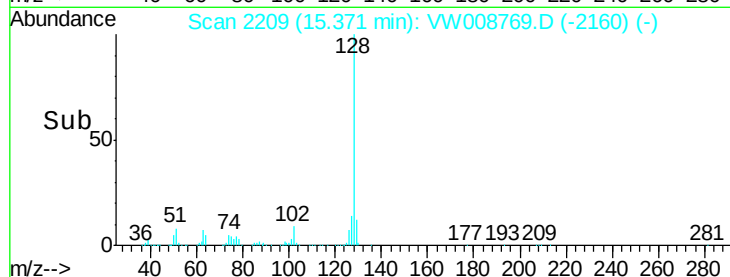
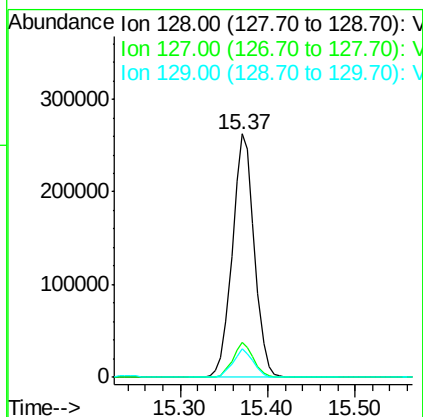
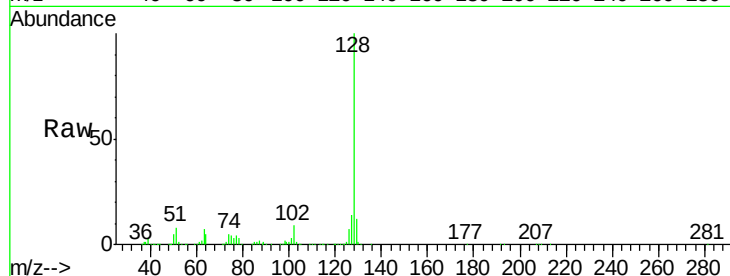
#95  
Naphthalene  
Concen: 48.631 ug/l  
RT: 15.37 min Scan# 2209  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW022119

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 458413 |       |       |
| 127     | 13.5  | 10.8   | 16.2  |       |
| 129     | 10.8  | 8.7    | 13.1  |       |

Manual Integrations  
APPROVED

MMDadoda  
2/22/2019 12:25:39 PM



#96  
1,2,3-Trichlorobenzene  
Concen: 48.918 ug/l  
RT: 15.56 min Scan# 2240  
Delta R.T. -0.00 min  
Lab File: VW008769.D  
Acq: 21 Feb 2019 13:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 234164 |       |       |
| 182     | 95.2  | 46.9   | 140.8 |       |
| 145     | 32.0  | 15.9   | 47.6  |       |

