

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060519\  
 Data File : VW010682.D  
 Acq On : 05 Jun 2019 10:18  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 6/6/2019 11:51:35 AM

Quant Time: Jun 05 15:26:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W060419S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 05 03:21:19 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 279562   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 446750   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 389953   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 182443   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 151575   | 46.00 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.00% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 121058   | 49.92 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.84% |      |
| 50) Toluene-d8            | 10.32  | 98  | 513465   | 48.29 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.58% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 184226   | 47.61 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.22% |      |

## Target Compounds

|                               |      |     |         |         | Qvalue   |
|-------------------------------|------|-----|---------|---------|----------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 125390  | 48.536  | ug/l 98  |
| 3) Chloromethane              | 2.21 | 50  | 185776  | 48.877  | ug/l 99  |
| 4) Vinyl Chloride             | 2.35 | 62  | 177255  | 50.475  | ug/l 98  |
| 5) Bromomethane               | 2.76 | 94  | 95600   | 49.574  | ug/l 98  |
| 6) Chloroethane               | 2.92 | 64  | 108074  | 51.271  | ug/l 99  |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 240385  | 52.733  | ug/l 99  |
| 8) Diethyl Ether              | 3.68 | 74  | 78534   | 48.208  | ug/l 99  |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 146218  | 52.172  | ug/l 98  |
| 10) Methyl Iodide             | 4.27 | 142 | 131863  | 46.088  | ug/l 98  |
| 11) Tert butyl alcohol        | 5.18 | 59  | 58085   | 216.375 | ug/l 99  |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 139732  | 51.684  | ug/l 98  |
| 13) Acrolein                  | 3.90 | 56  | 26499   | 241.568 | ug/l 95  |
| 14) Allyl chloride            | 4.67 | 41  | 319292  | 53.562  | ug/l 100 |
| 15) Acrylonitrile             | 5.37 | 53  | 182832  | 231.014 | ug/l 100 |
| 16) Acetone                   | 4.13 | 43  | 248958  | 281.971 | ug/l 99  |
| 17) Carbon Disulfide          | 4.37 | 76  | 453406  | 52.831  | ug/l 100 |
| 18) Methyl Acetate            | 4.67 | 43  | 85009   | 44.728  | ug/l 97  |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 376515  | 48.287  | ug/l 99  |
| 20) Methylene Chloride        | 4.92 | 84  | 146169  | 47.191  | ug/l 99  |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 158104  | 51.515  | ug/l 94  |
| 22) Diisopropyl ether         | 6.31 | 45  | 605635  | 50.747  | ug/l 100 |
| 23) Vinyl Acetate             | 6.26 | 43  | 1819593 | 252.638 | ug/l 100 |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 308989  | 51.663  | ug/l 99  |
| 25) 2-Butanone                | 7.17 | 43  | 317262  | 259.140 | ug/l 97  |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 268000  | 55.067  | ug/l 100 |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 171315  | 50.722  | ug/l 99  |
| 28) Bromochloromethane        | 7.51 | 49  | 122380  | 45.851  | ug/l 97  |
| 29) Tetrahydrofuran           | 7.53 | 42  | 174100  | 226.083 | ug/l 99  |
| 30) Chloroform                | 7.68 | 83  | 279602  | 51.111  | ug/l 100 |
| 31) Cyclohexane               | 7.95 | 56  | 330307  | 49.682  | ug/l 99  |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 253480  | 53.044  | ug/l 100 |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 246244  | 53.847  | ug/l 99  |
| 37) Ethyl Acetate             | 7.25 | 43  | 119606  | 47.199  | ug/l 100 |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 217252  | 55.033  | ug/l 96  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060519\  
 Data File : VW010682.D  
 Acq On : 05 Jun 2019 10:18  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 6/6/2019 11:51:35 AM

Quant Time: Jun 05 15:26:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W060419S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 05 03:21:19 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 311898   | 53.652  | ug/l  | 99       |
| 40) Benzene                    | 8.32  | 78   | 647960   | 51.939  | ug/l  | 100      |
| 41) Methacrylonitrile          | 7.48  | 41   | 80129    | 53.198  | ug/l  | 93       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 199171   | 50.303  | ug/l  | 100      |
| 43) Isopropyl Acetate          | 8.42  | 43   | 237599   | 48.532  | ug/l  | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 159937   | 51.972  | ug/l  | 99       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 170642   | 51.672  | ug/l  | 100      |
| 46) Dibromomethane             | 9.46  | 93   | 75700    | 49.352  | ug/l  | 99       |
| 47) Bromodichloromethane       | 9.64  | 83   | 209674   | 52.734  | ug/l  | 97       |
| 48) Methyl methacrylate        | 9.43  | 41   | 115838   | 49.075  | ug/l  | 100      |
| 49) 1,4-Dioxane                | 9.46  | 88   | 20745    | 865.042 | ug/l  | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 601931   | 240.669 | ug/l  | 100      |
| 52) Toluene                    | 10.39 | 92   | 398527   | 51.920  | ug/l  | 98       |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 221735   | 52.651  | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 261084   | 52.684  | ug/l  | 100      |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 109125   | 49.384  | ug/l  | 98       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 167439   | 49.244  | ug/l  | 98       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 206522   | 49.594  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 403818   | 226.746 | ug/l  | 100      |
| 59) 2-Hexanone                 | 10.97 | 43   | 472328   | 261.304 | ug/l  | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 127152   | 51.909  | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 103039   | 49.216  | ug/l  | 99       |
| 64) Tetrachloroethene          | 10.86 | 164  | 132215   | 51.066  | ug/l  | 95       |
| 65) Chlorobenzene              | 11.66 | 112  | 398073   | 51.911  | ug/l  | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 140036   | 52.754  | ug/l  | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 784355   | 53.222  | ug/l  | 99       |
| 68) m/p-Xylenes                | 11.84 | 106  | 562035   | 106.534 | ug/l  | 100      |
| 69) o-Xylene                   | 12.16 | 106  | 260412   | 52.046  | ug/l  | 97       |
| 70) Styrene                    | 12.18 | 104  | 452586   | 52.070  | ug/l  | 99       |
| 71) Bromoform                  | 12.35 | 173  | 71044    | 51.748  | ug/l  | 100      |
| 73) Isopropylbenzene           | 12.47 | 105  | 746804   | 54.472  | ug/l  | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 222526   | 50.222  | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 129159   | 49.486  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 95260m   | 49.721  | ug/l  |          |
| 77) Bromobenzene               | 12.75 | 156  | 155107   | 51.829  | ug/l  | 98       |
| 78) n-propylbenzene            | 12.80 | 91   | 900764   | 54.488  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 504823   | 53.451  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 608304   | 54.207  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 45273    | 54.310  | ug/l  | 97       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 521509   | 53.507  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 518573   | 54.451  | ug/l  | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 606333   | 53.694  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 13.38 | 105  | 754460   | 54.410  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 677243   | 54.617  | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 302272   | 52.376  | ug/l  | 98       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 298289   | 52.135  | ug/l  | 99       |
| 89) n-Butylbenzene             | 13.83 | 91   | 681034   | 55.046  | ug/l  | 100      |
| 90) Hexachloroethane           | 14.10 | 117  | 126771   | 57.088  | ug/l  | 98       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 266210   | 51.293  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 22102    | 49.314  | ug/l  | 98       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060519\  
Data File : VW010682.D  
Acq On : 05 Jun 2019 10:18  
Operator : SY/VA  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

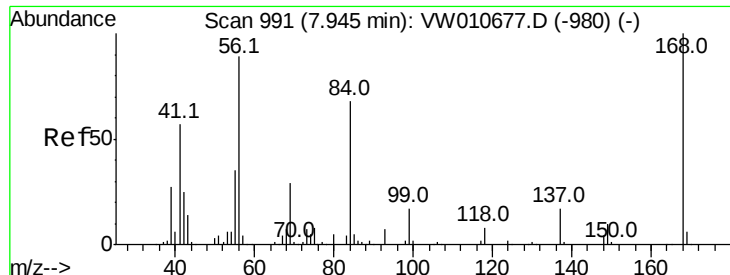
MMDadoda  
6/6/2019 11:51:35 AM

Quant Time: Jun 05 15:26:50 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W060419S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 05 03:21:19 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 191174   | 52.490 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 124705   | 54.556 | ug/l  | 99       |
| 95) Naphthalene            | 15.37 | 128  | 335230   | 50.660 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 162864   | 52.581 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 279562

Ion Ratio Lower Upper

168 100

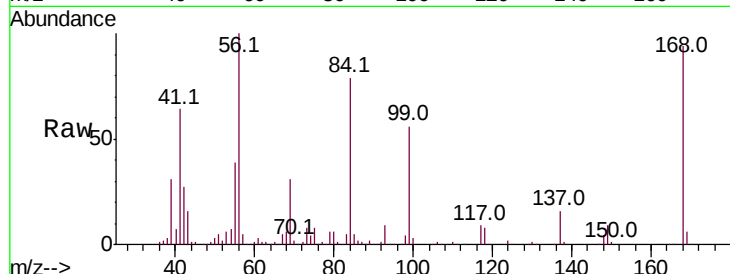
99 58.9 47.7 71.5

Manual Integrations

APPROVED

MMDadoda

6/6/2019 11:51:35 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

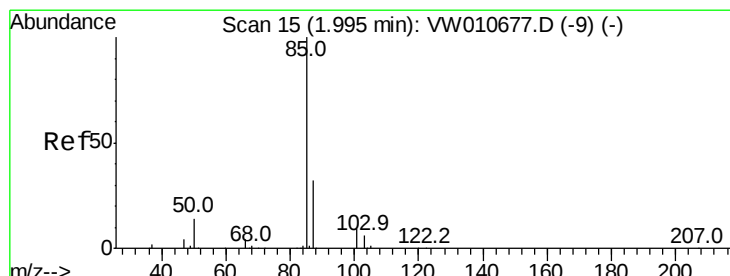
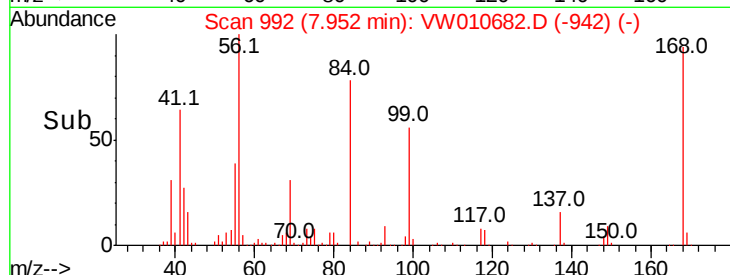
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 48.536 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010682.D

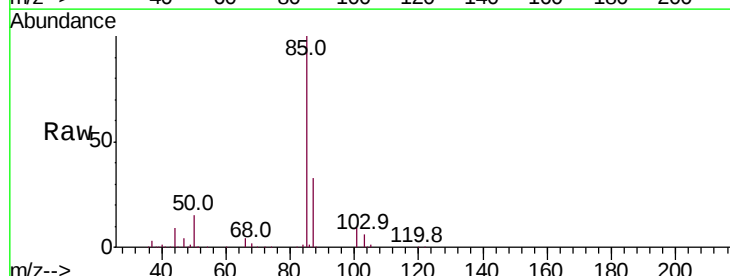
Acq: 05 Jun 2019 10:18

Tgt Ion: 85 Resp: 125390

Ion Ratio Lower Upper

85 100

87 33.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

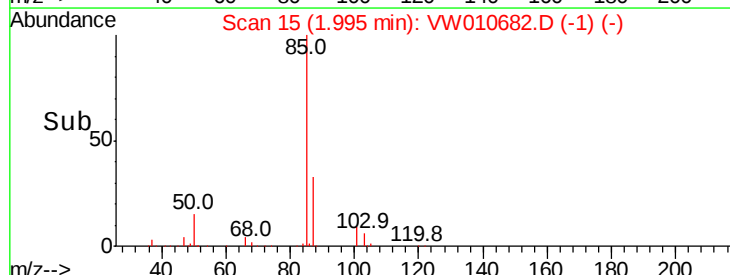
60000

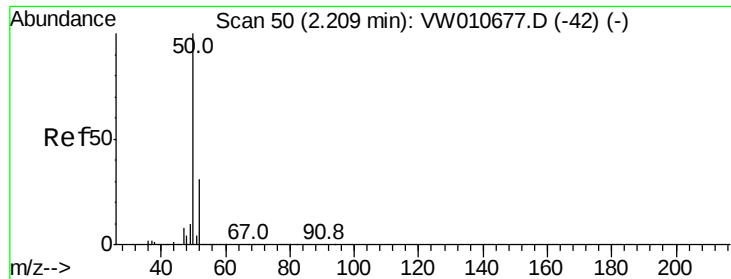
40000

20000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 48.877 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 185776

Ion Ratio Lower Upper

50 100

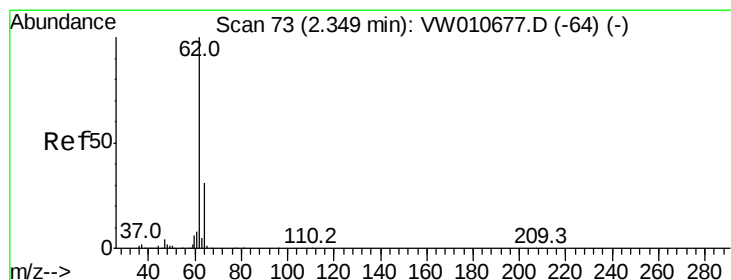
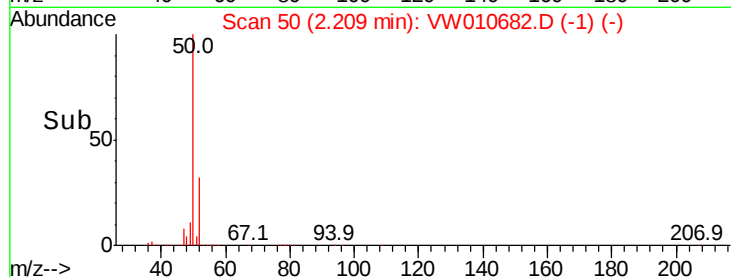
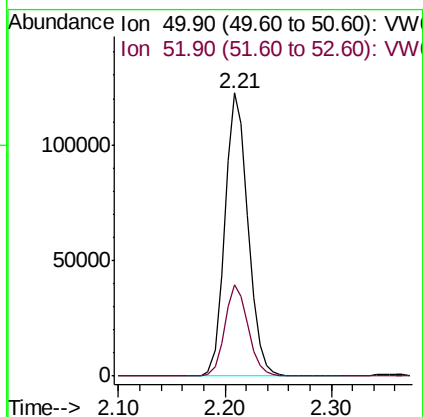
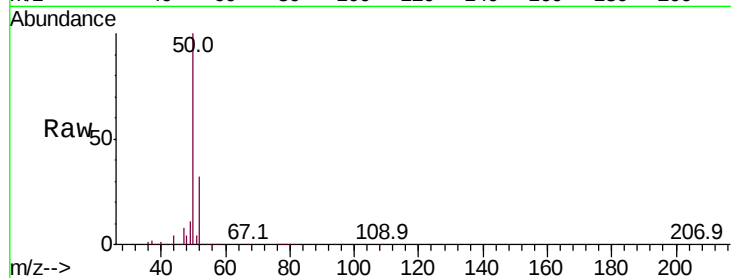
52 32.1 25.2 37.8

Manual Integrations

APPROVED

MMDadoda

6/6/2019 11:51:35 AM



#4

Vinyl Chloride

Concen: 50.475 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010682.D

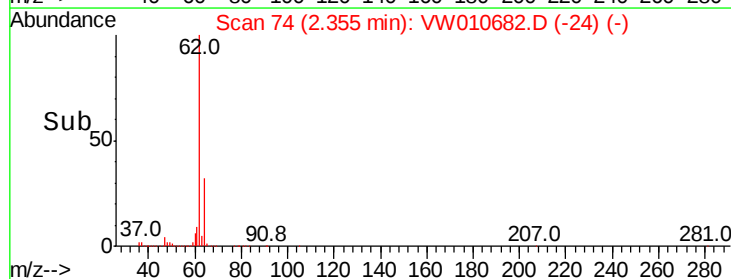
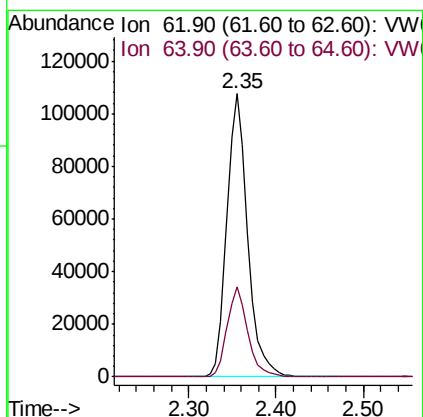
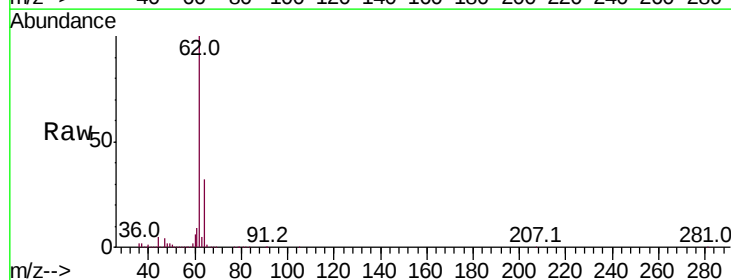
Acq: 05 Jun 2019 10:18

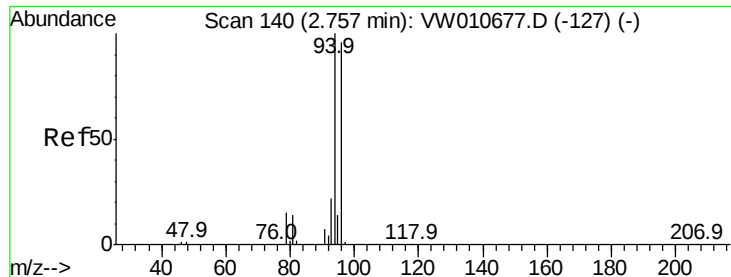
Tgt Ion: 62 Resp: 177255

Ion Ratio Lower Upper

62 100

64 32.0 24.5 36.7





#5

Bromomethane

Concen: 49.574 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.01 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 95600

Ion Ratio Lower Upper

94 100

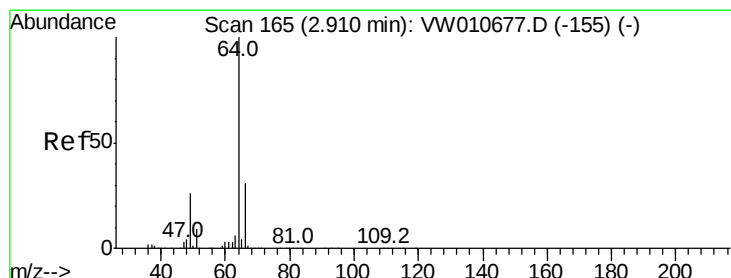
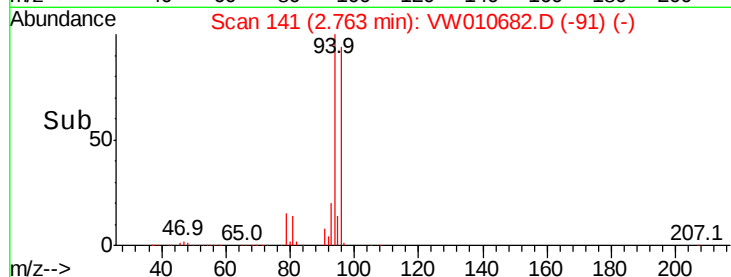
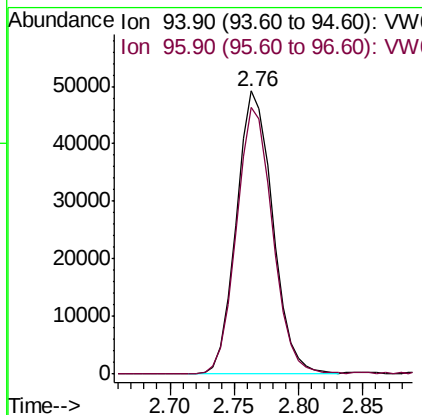
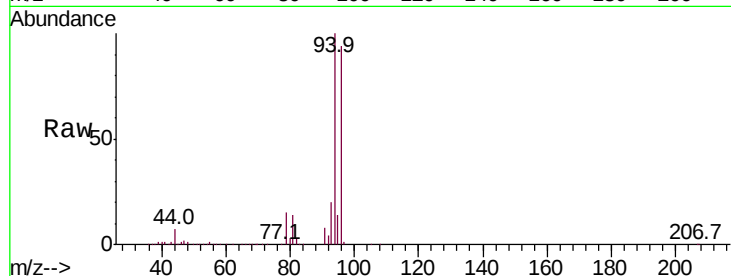
96 94.1 76.5 114.7

Manual Integrations

APPROVED

MMDadoda

6/6/2019 11:51:35 AM



#6

Chloroethane

Concen: 51.271 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.01 min

Lab File: VW010682.D

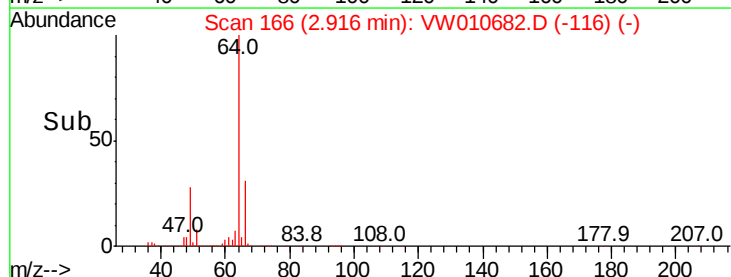
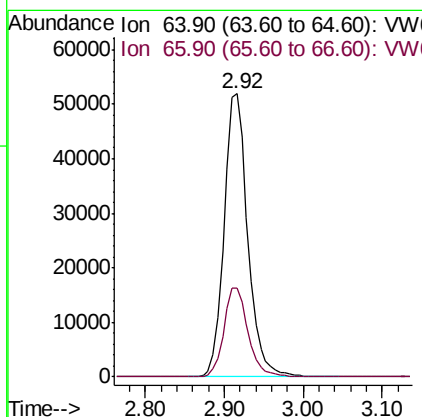
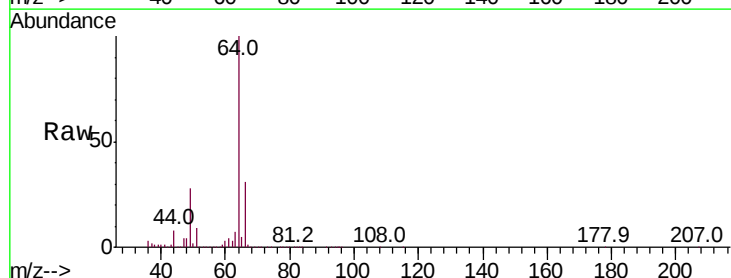
Acq: 05 Jun 2019 10:18

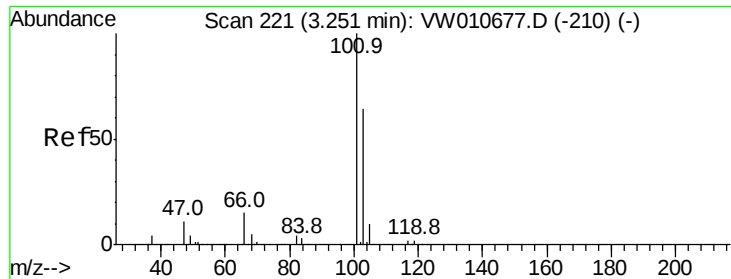
Tgt Ion: 64 Resp: 108074

Ion Ratio Lower Upper

64 100

66 31.0 25.1 37.7





#7

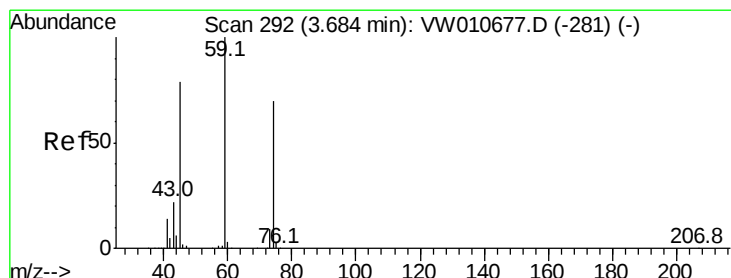
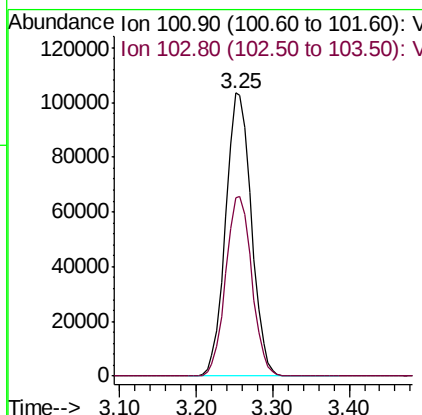
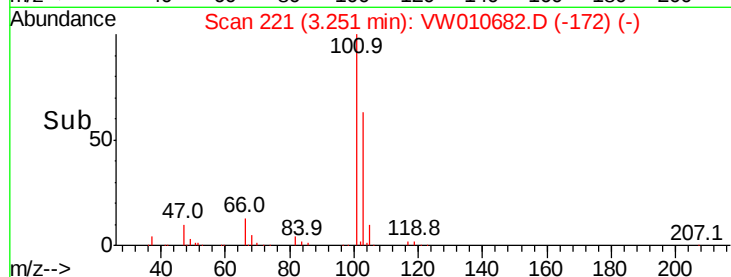
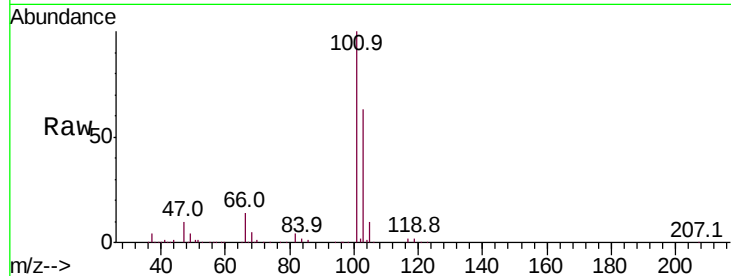
Trichlorofluoromethane  
Concen: 52.733 ug/l  
RT: 3.25 min Scan# 221  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.9  | 51.2  | 76.8  |

Manual Integrations  
APPROVED

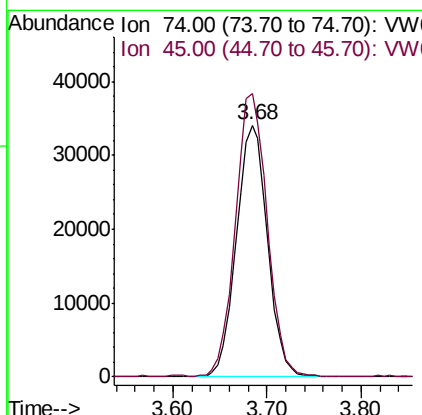
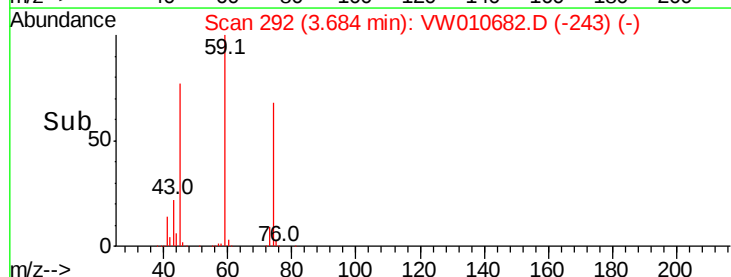
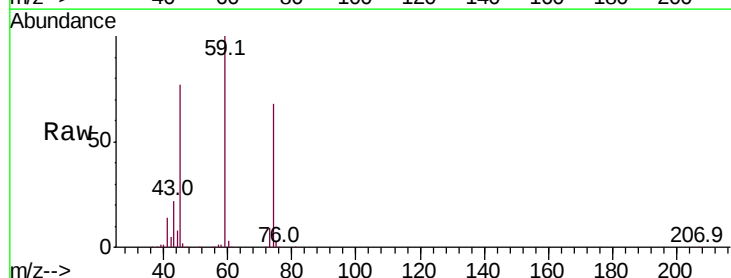
MMDadoda  
6/6/2019 11:51:35 AM

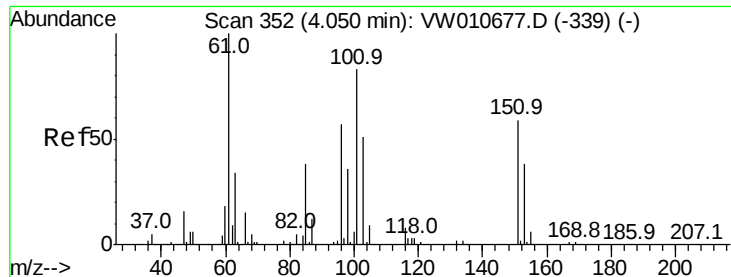


#8

Diethyl Ether  
Concen: 48.208 ug/l  
RT: 3.68 min Scan# 292  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 114.4 | 56.9  | 170.7 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.172 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

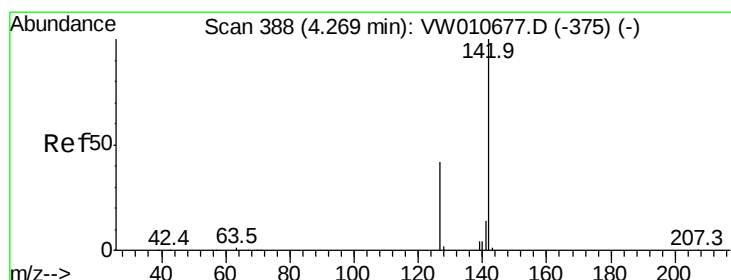
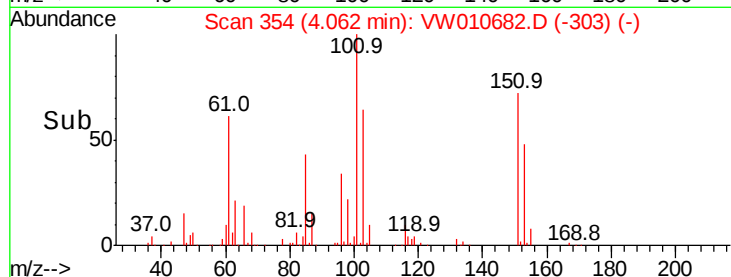
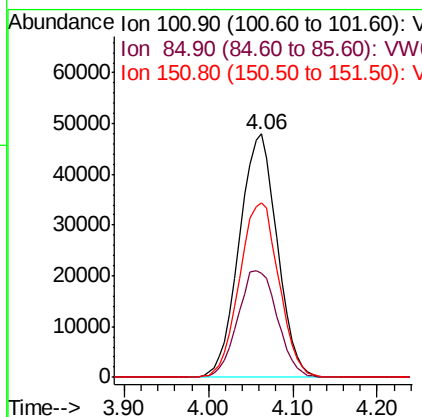
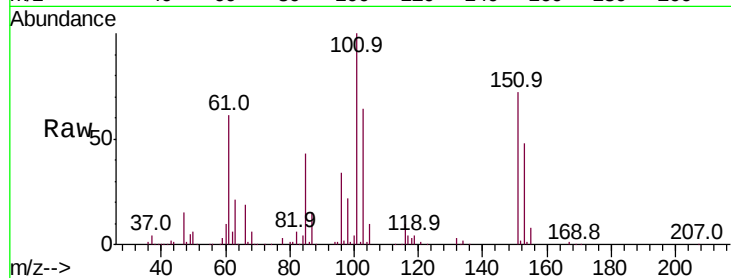
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 146218 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 45.7  | 35.8  | 53.8   |
| 151       | 74.7  | 58.1  | 87.1   |

Manual Integrations  
APPROVED

MMDadoda  
6/6/2019 11:51:35 AM



#10

Methyl Iodide

Concen: 46.088 ug/l

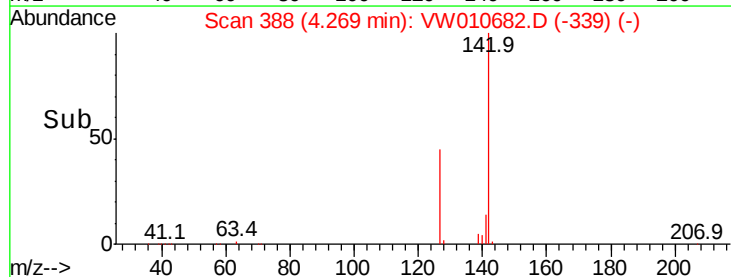
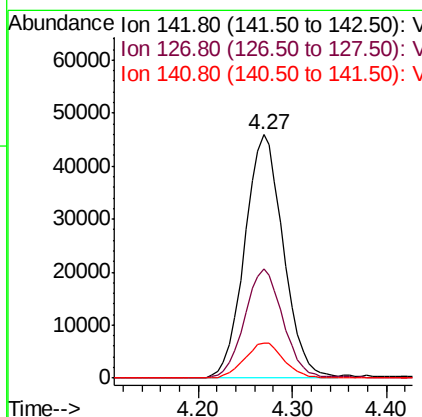
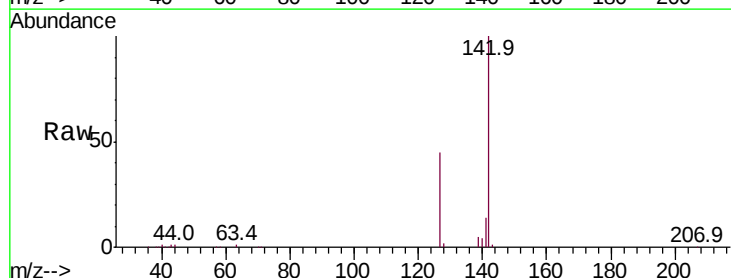
RT: 4.27 min Scan# 388

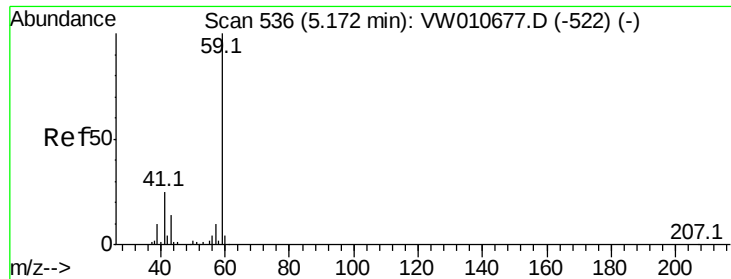
Delta R.T. 0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 131863 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 44.9  | 34.6  | 51.8   |
| 141       | 14.8  | 11.6  | 17.4   |





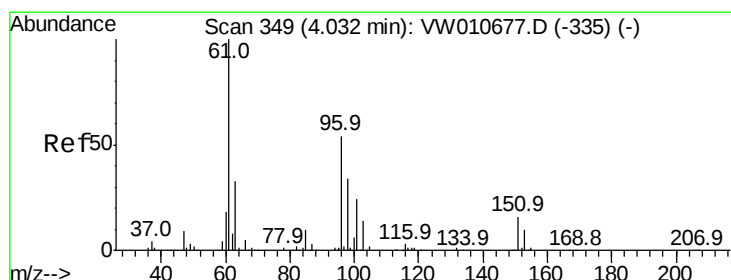
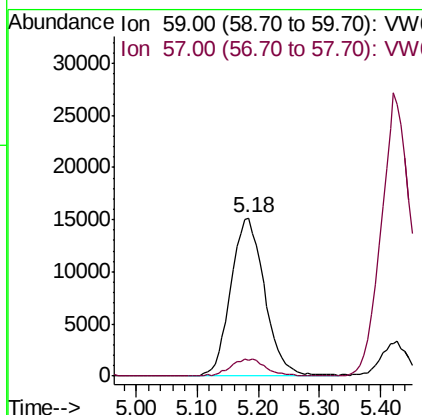
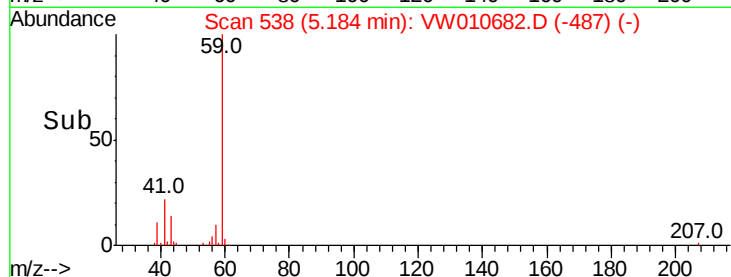
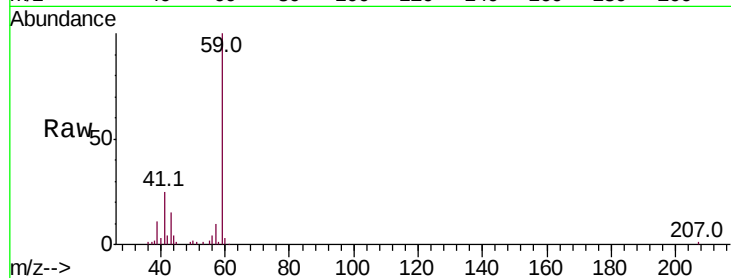
#11  
Tert butyl alcohol  
Concen: 216.375 ug/l  
RT: 5.18 min Scan# 538  
Delta R.T. 0.01 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

Tot Ion: 59 Resp: 58085  
Ion Ratio Lower Upper  
59 100  
57 11.2 8.6 12.8

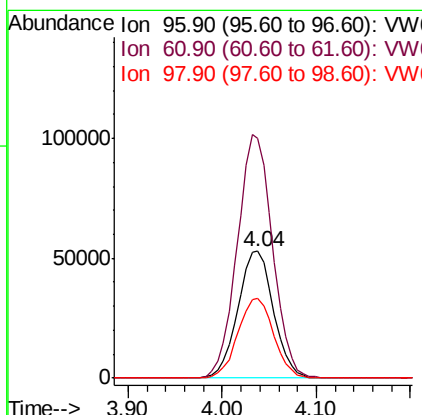
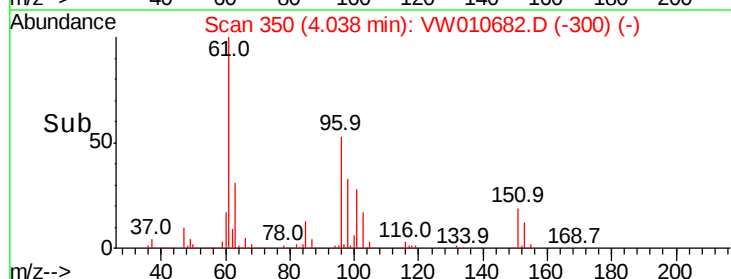
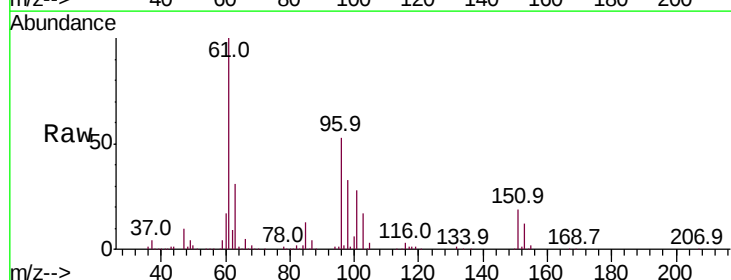
Manual Integrations  
APPROVED

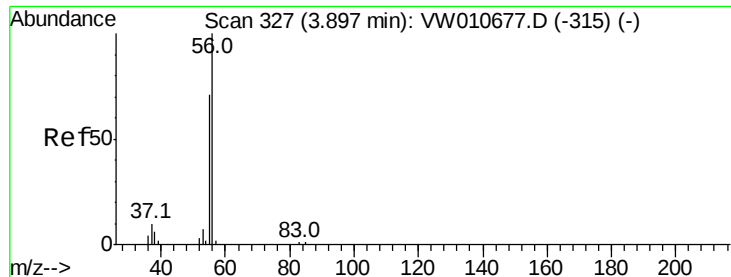
MMDadoda  
6/6/2019 11:51:35 AM



#12  
1,1-Dichloroethene  
Concen: 51.684 ug/l  
RT: 4.04 min Scan# 350  
Delta R.T. 0.01 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Tgt Ion: 96 Resp: 139732  
Ion Ratio Lower Upper  
96 100  
61 189.1 149.1 223.7  
98 63.1 51.1 76.7





#13

Acrolein

Concen: 241.568 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 26499

Ion Ratio Lower Upper

56 100

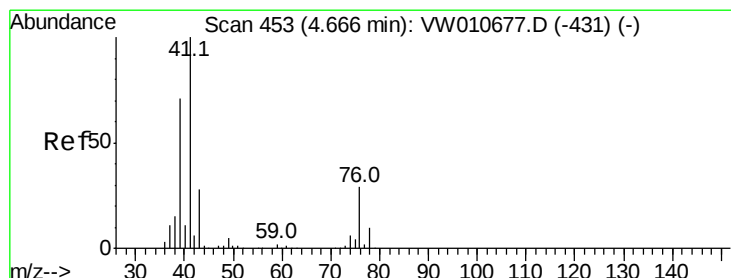
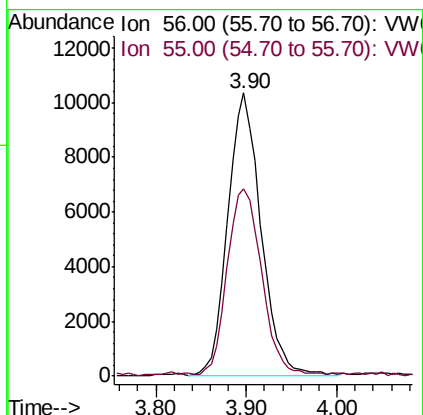
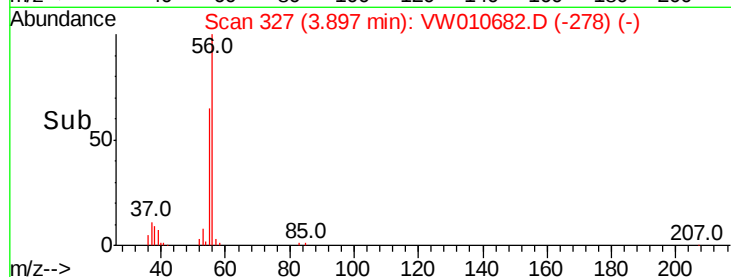
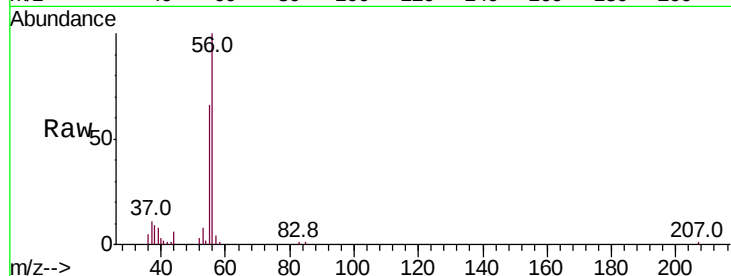
55 67.8 57.6 86.4

Manual Integrations

APPROVED

MMDadoda

6/6/2019 11:51:35 AM



#14

Allyl chloride

Concen: 53.562 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

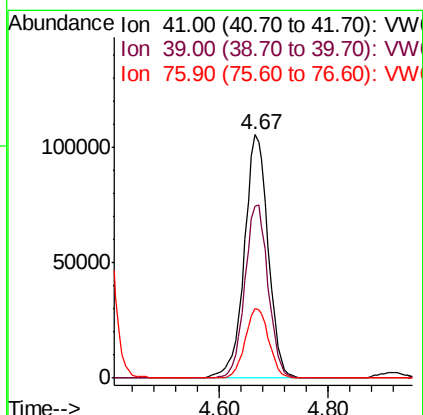
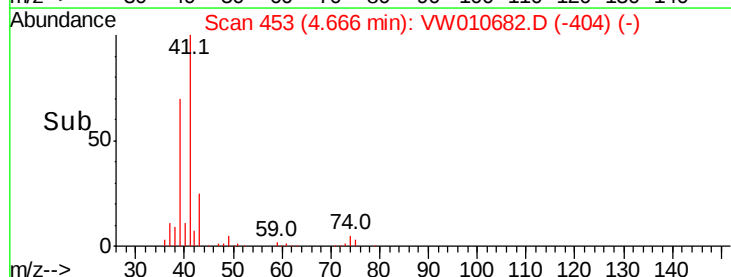
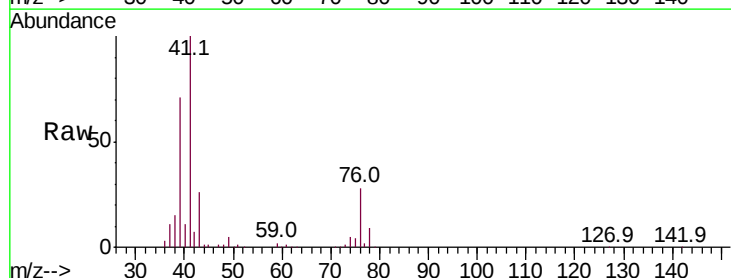
Tgt Ion: 41 Resp: 319292

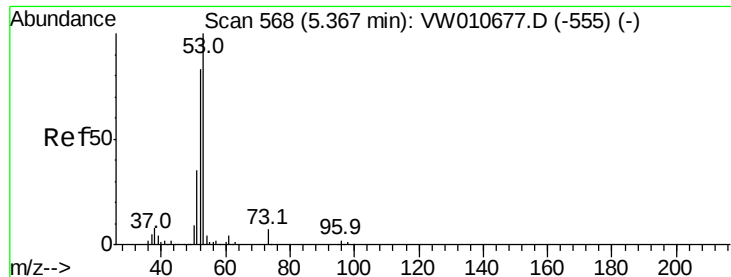
Ion Ratio Lower Upper

41 100

39 69.5 55.8 83.6

76 28.0 22.7 34.1





#15

Acrylonitrile

Concen: 231.014 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

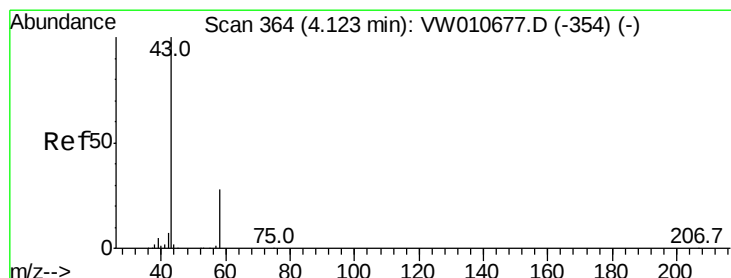
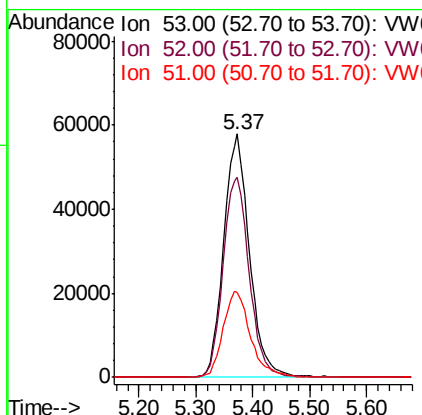
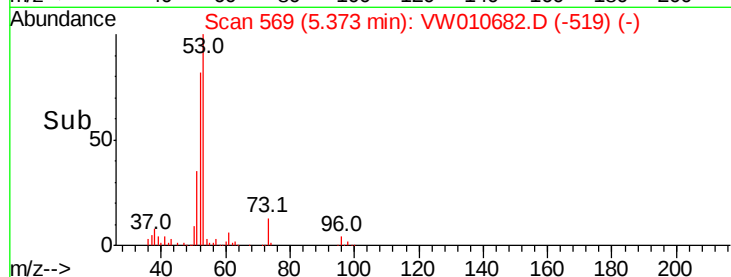
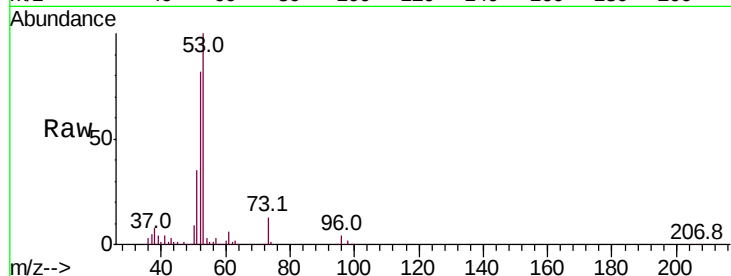
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 182832 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.3  | 66.6  | 100.0  |
| 51        | 37.4  | 29.8  | 44.8   |

Manual Integrations  
APPROVED

MMDadoda  
6/6/2019 11:51:35 AM



#16

Acetone

Concen: 281.971 ug/l

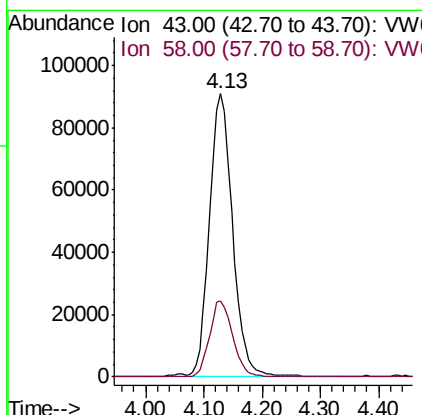
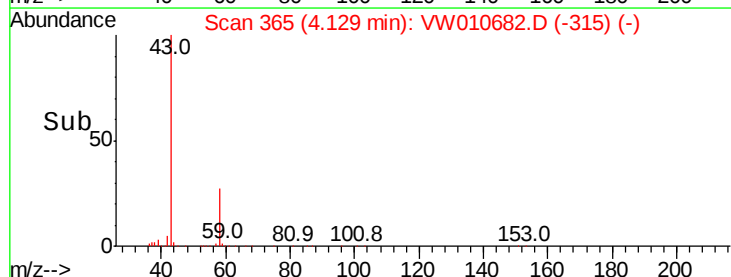
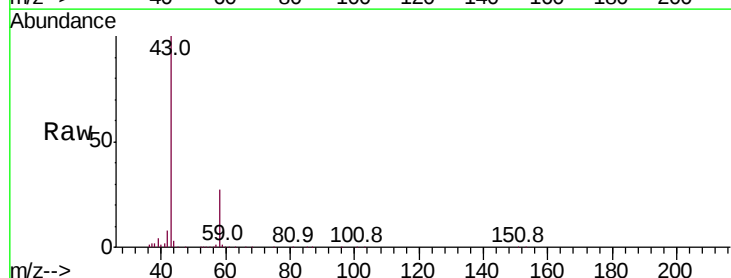
RT: 4.13 min Scan# 365

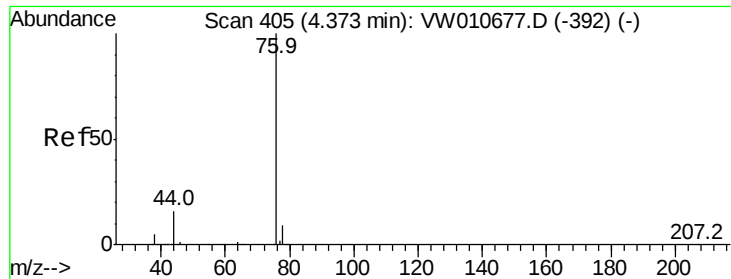
Delta R.T. 0.01 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 248958 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 27.0  | 22.1  | 33.1   |





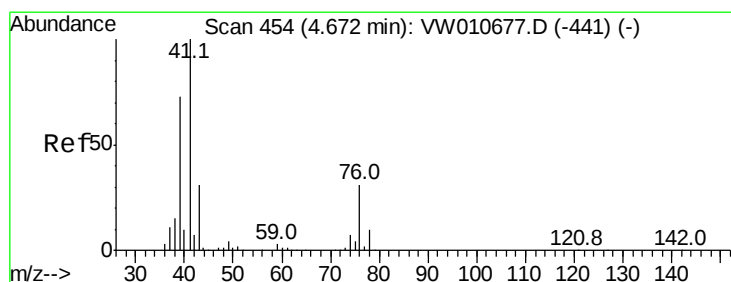
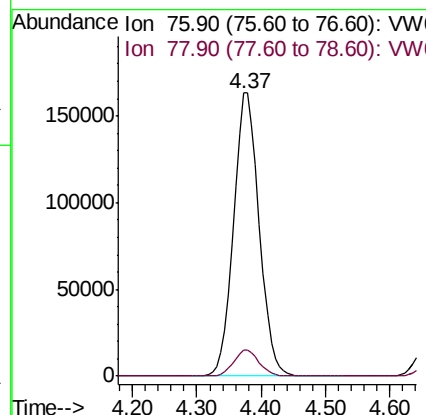
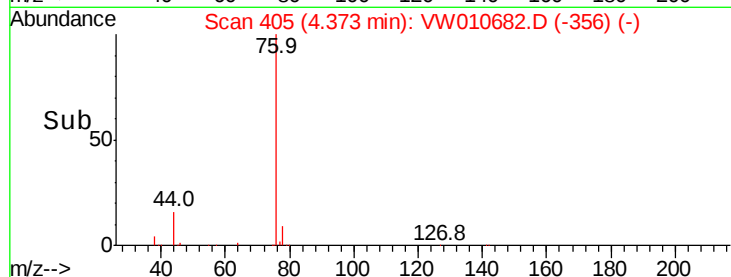
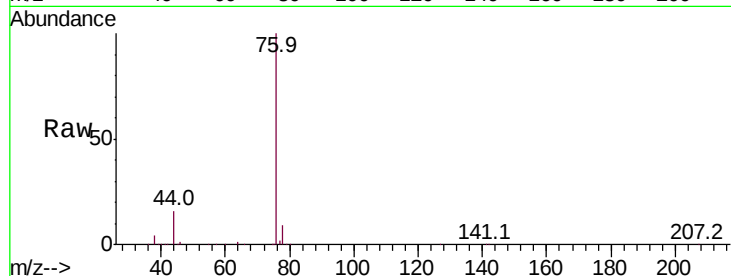
#17  
Carbon Disulfide  
Concen: 52.831 ug/l  
RT: 4.37 min Scan# 405  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.3   | 7.5   | 11.3  |

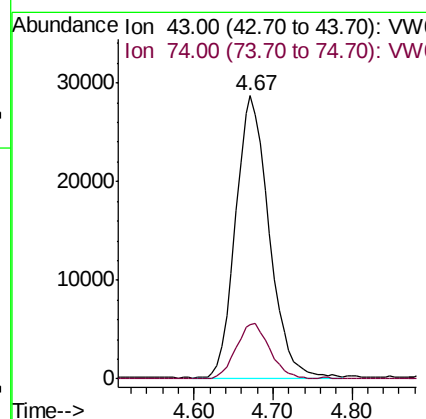
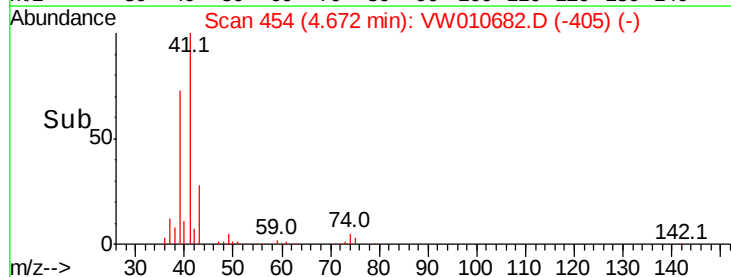
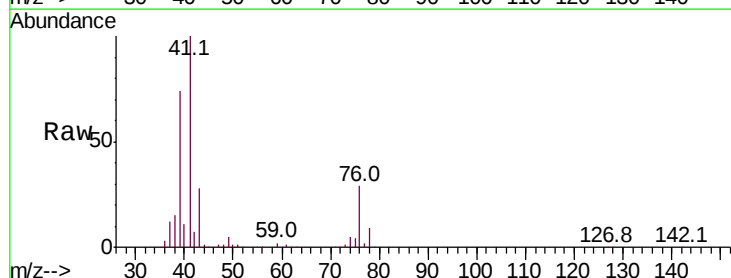
Manual Integrations  
APPROVED

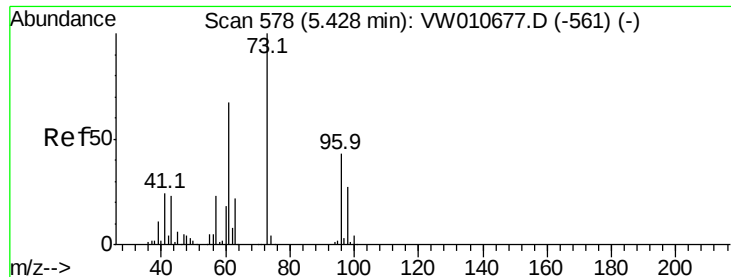
MMDadoda  
6/6/2019 11:51:35 AM



#18  
Methyl Acetate  
Concen: 44.728 ug/l  
RT: 4.67 min Scan# 454  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 19.7  | 16.7  | 25.1  |





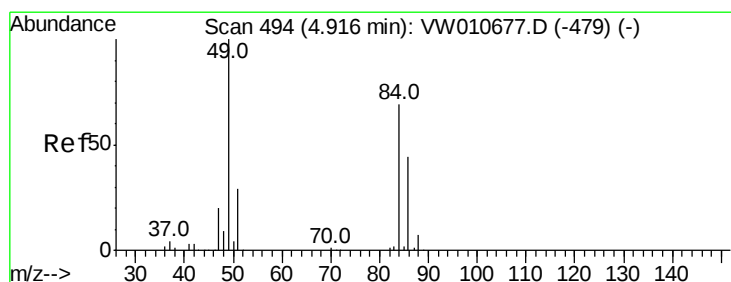
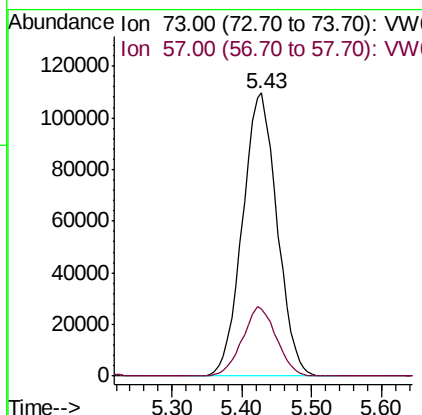
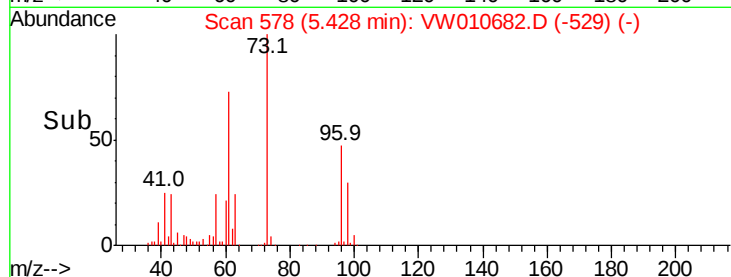
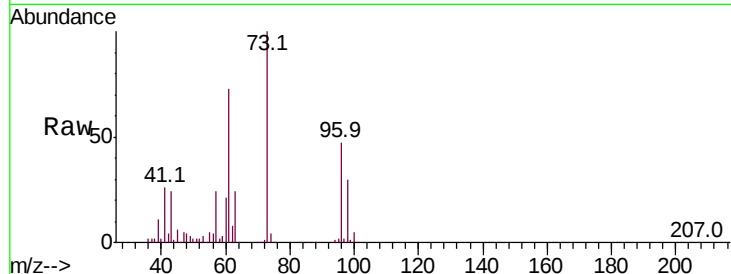
#19  
Methvl tert-butvl Ether  
Concen: 48.287 ug/l  
RT: 5.43 min Scan# 578  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 376515  
Ion Ratio Lower Upper  
73 100  
57 23.8 18.6 27.8

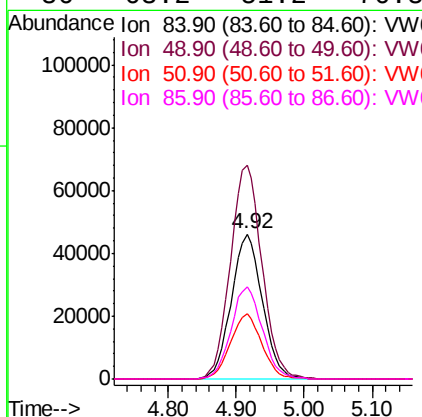
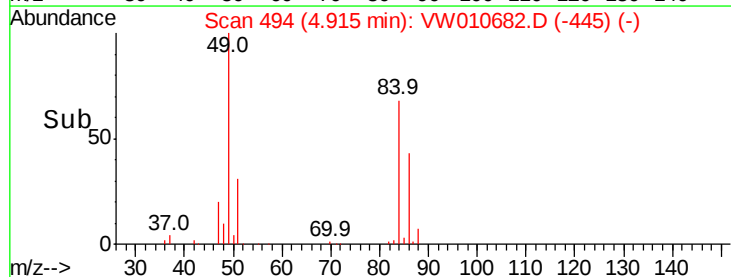
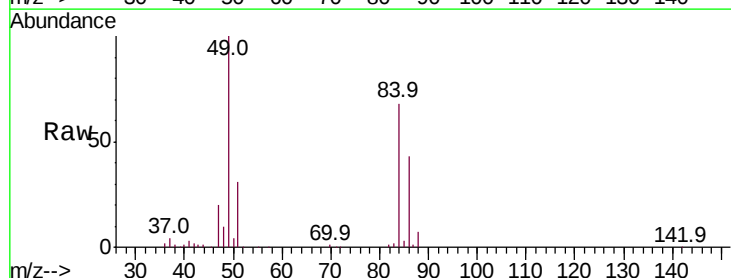
Manual Integrations  
APPROVED

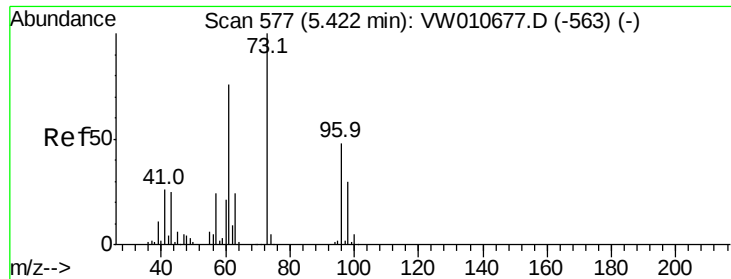
MMDadoda  
6/6/2019 11:51:35 AM



#20  
Methylene Chloride  
Concen: 47.191 ug/l  
RT: 4.92 min Scan# 494  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Tgt Ion: 84 Resp: 146169  
Ion Ratio Lower Upper  
84 100  
49 147.0 116.7 175.1  
51 44.9 34.2 51.2  
86 63.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.515 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

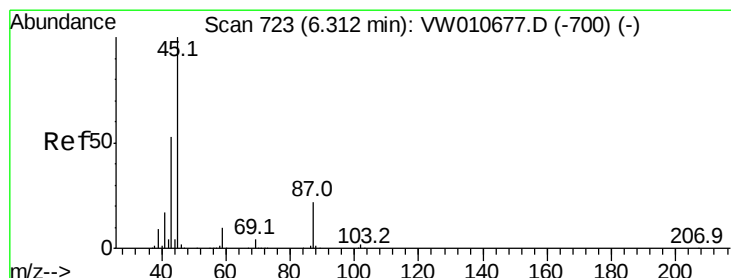
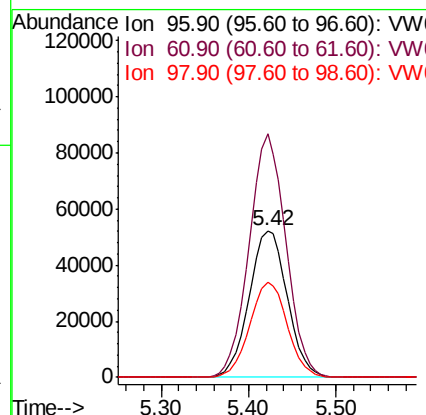
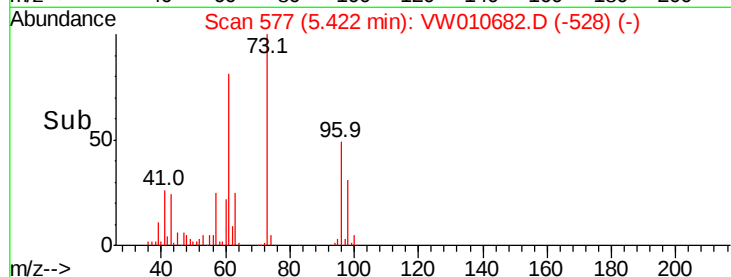
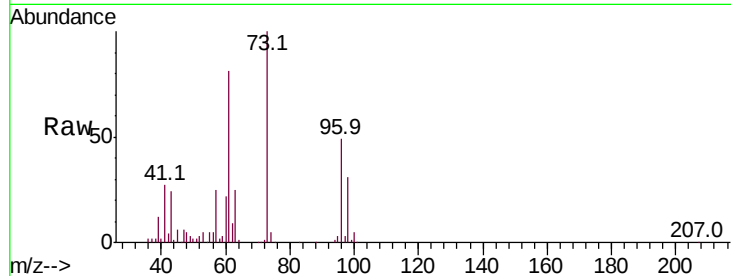
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 158104 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 165.9 | 126.0 | 189.0  |
| 98       | 64.5  | 49.6  | 74.4   |

Manual Integrations  
APPROVED

MMDadoda  
6/6/2019 11:51:35 AM



#22

Diisopropyl ether

Concen: 50.747 ug/l

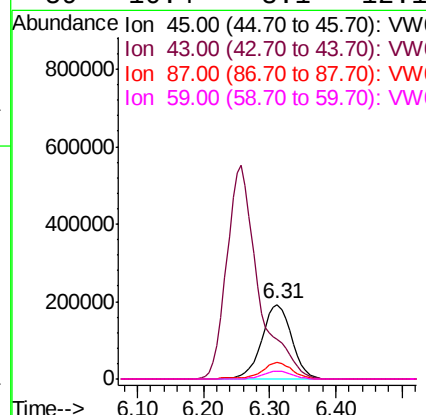
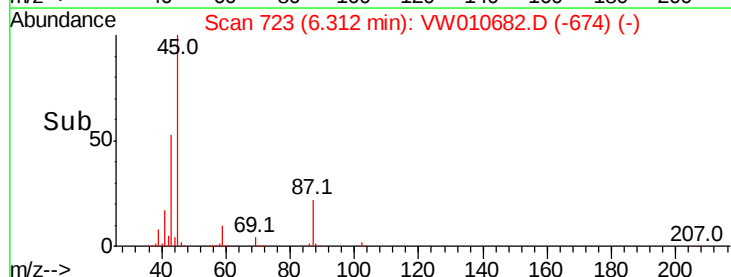
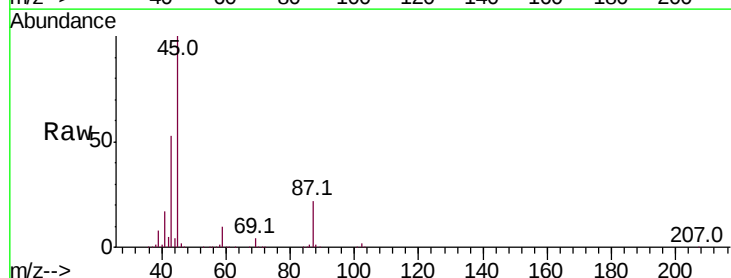
RT: 6.31 min Scan# 723

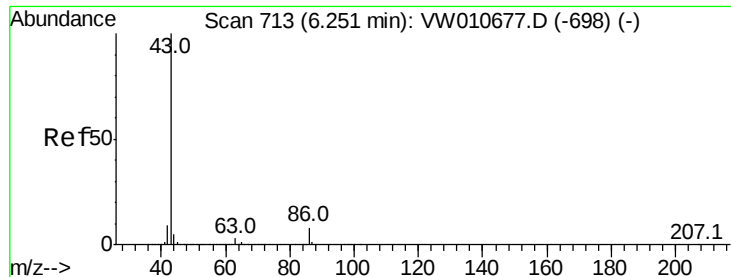
Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 605635 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 53.3  | 42.5  | 63.7   |
| 87       | 21.9  | 17.4  | 26.2   |
| 59       | 10.4  | 8.1   | 12.1   |





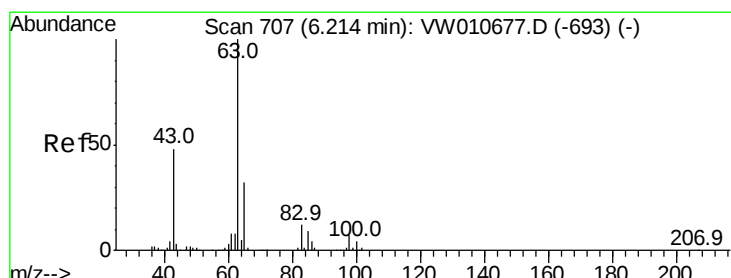
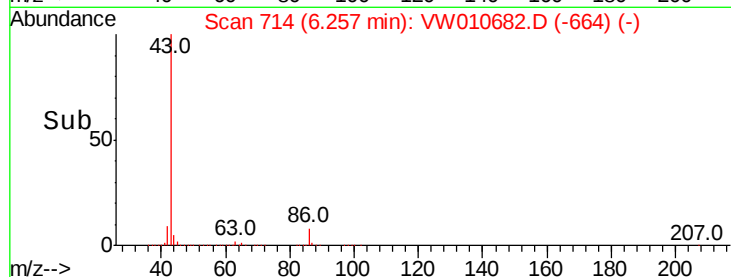
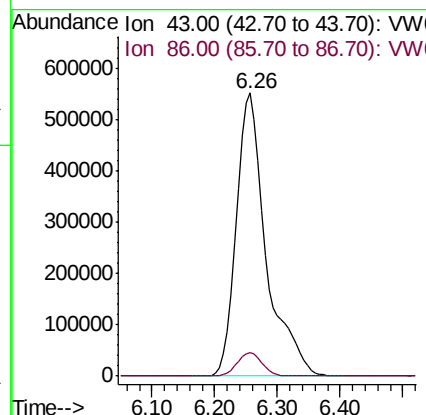
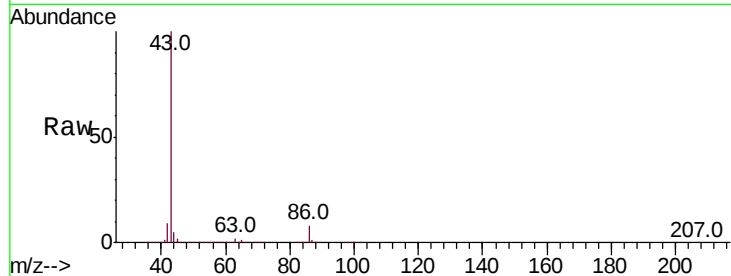
#23  
 Vinyl Acetate  
 Concen: 252.638 ug/l  
 RT: 6.26 min Scan# 714  
 Delta R.T. 0.01 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 43 Resp: 1819593  
 Ion Ratio Lower Upper  
 43 100  
 86 8.3 6.6 10.0

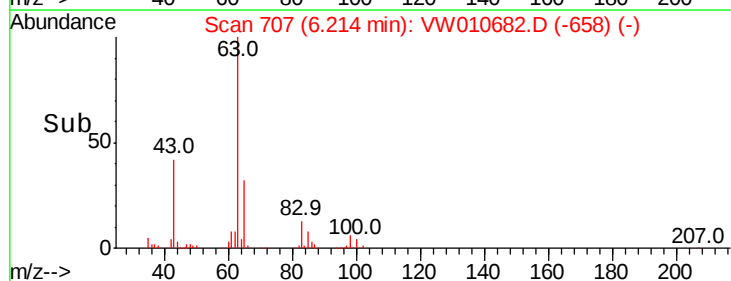
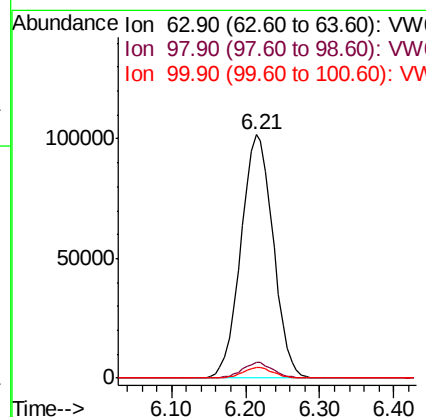
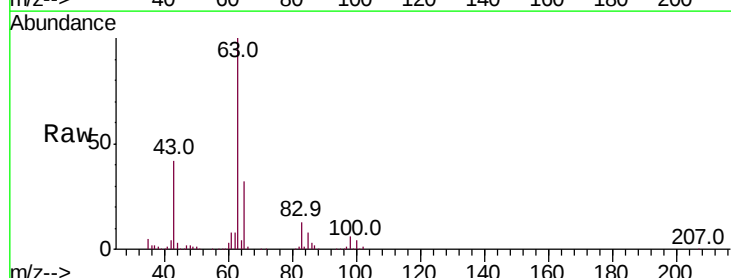
Manual Integrations  
 APPROVED

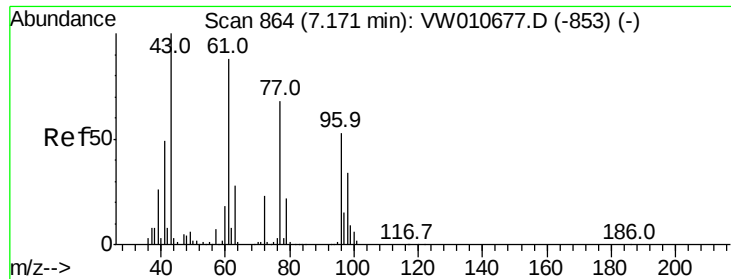
MMDadoda  
 6/6/2019 11:51:35 AM



#24  
 1,1-Dichloroethane  
 Concen: 51.663 ug/l  
 RT: 6.21 min Scan# 707  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

Tgt Ion: 63 Resp: 308989  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 3.4 10.2  
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 259.140 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 317262

Ion Ratio Lower Upper

43 100

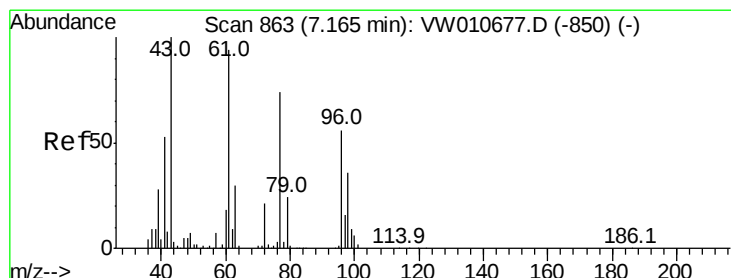
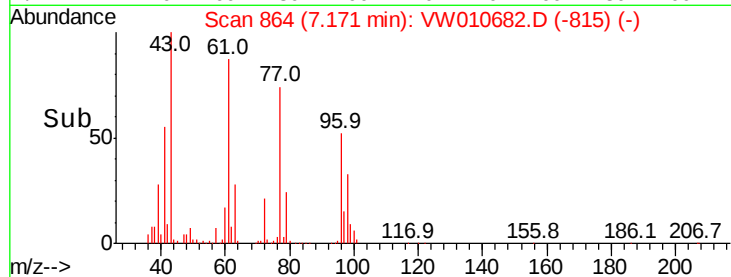
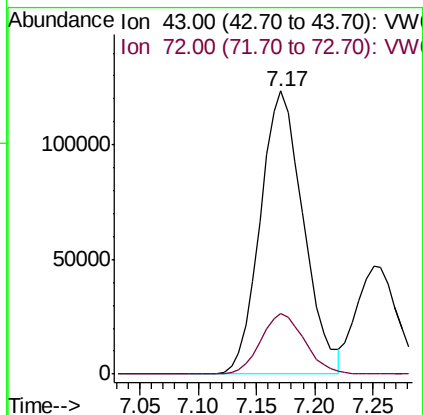
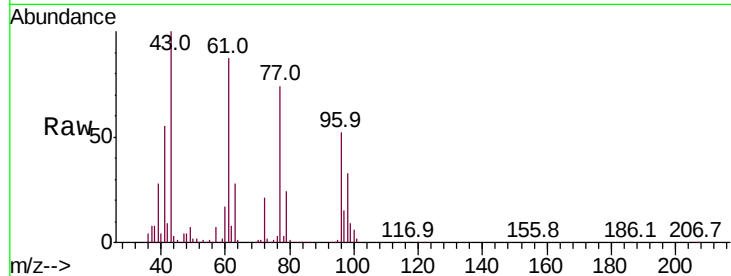
72 21.3 18.1 27.1

Manual Integrations

APPROVED

MMDadoda

6/6/2019 11:51:35 AM



#26

2,2-Dichloropropane

Concen: 55.067 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010682.D

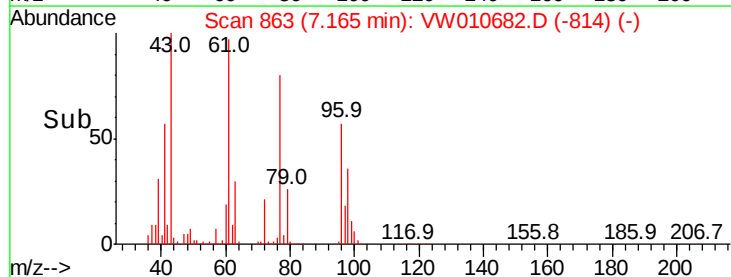
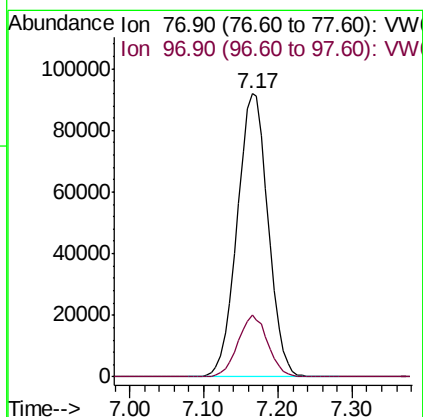
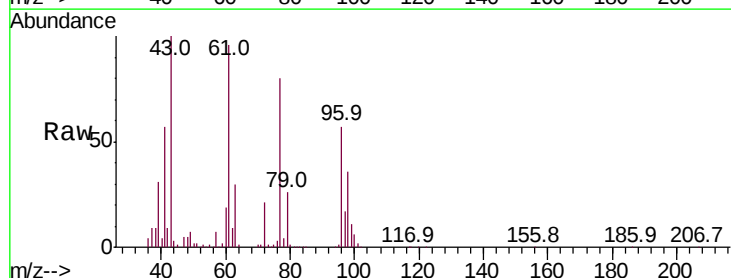
Acq: 05 Jun 2019 10:18

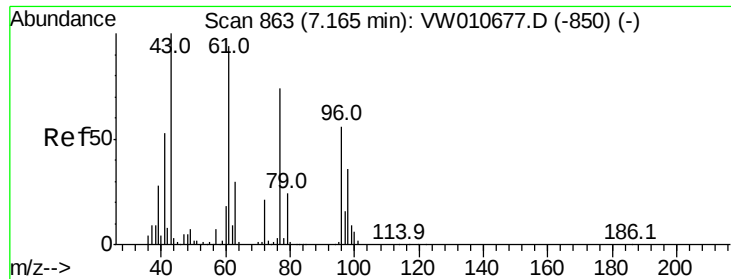
Tgt Ion: 77 Resp: 268000

Ion Ratio Lower Upper

77 100

97 20.9 10.5 31.6





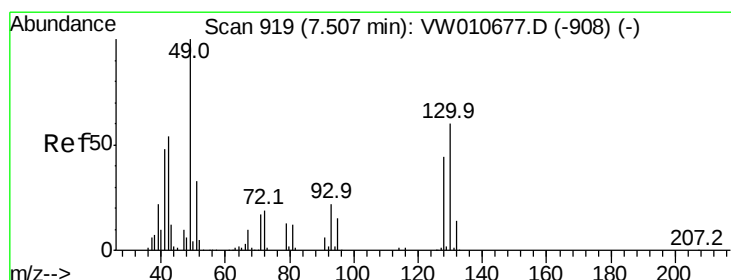
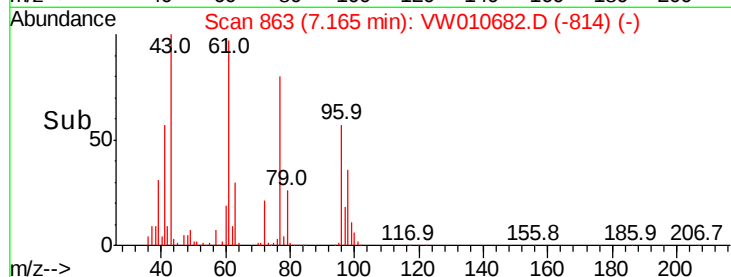
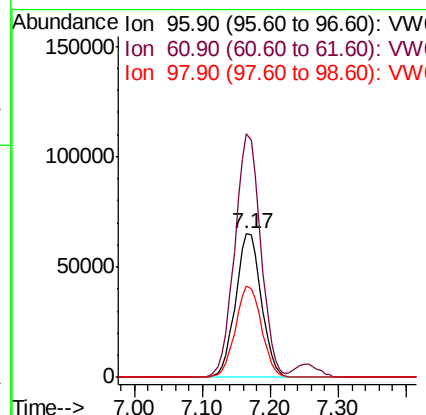
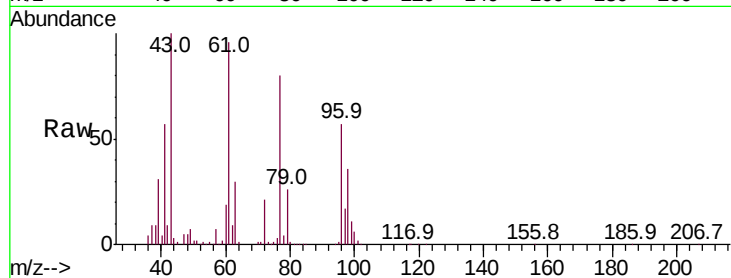
#27  
 cis-1,2-Dichloroethene  
 Concen: 50.722 ug/l  
 RT: 7.17 min Scan# 863  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 96      | 100   |      |       |       |
| 61      | 170.6 | 0.0  | 336.4 |       |
| 98      | 64.1  | 0.0  | 128.0 |       |

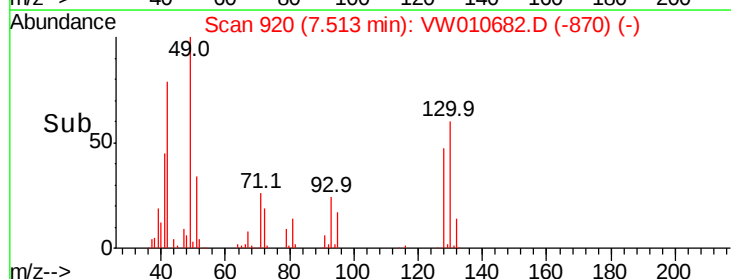
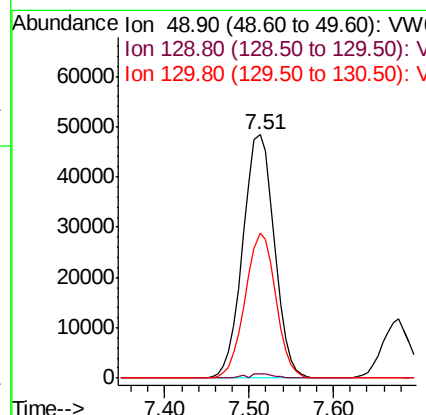
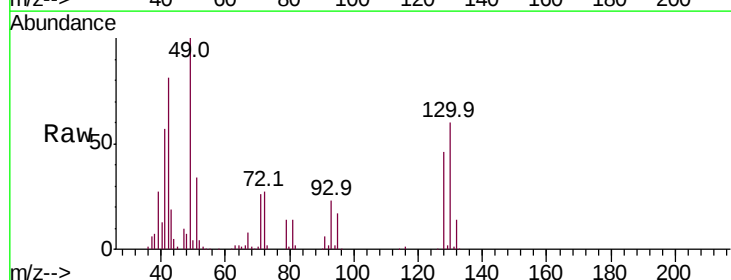
Manual Integrations  
 APPROVED

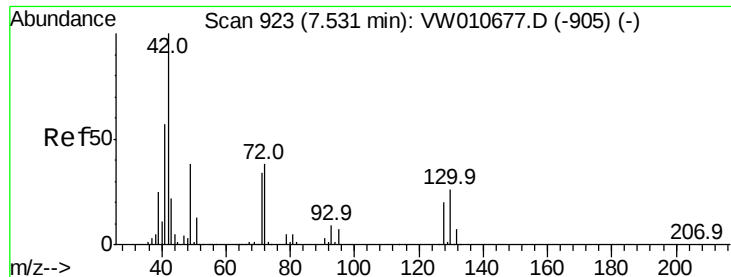
MMDadoda  
 6/6/2019 11:51:35 AM



#28  
 Bromochloromethane  
 Concen: 45.851 ug/l  
 RT: 7.51 min Scan# 920  
 Delta R.T. 0.01 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 49      | 100   |      |       |       |
| 129     | 1.5   | 0.0  | 3.2   |       |
| 130     | 58.0  | 48.3 | 72.5  |       |





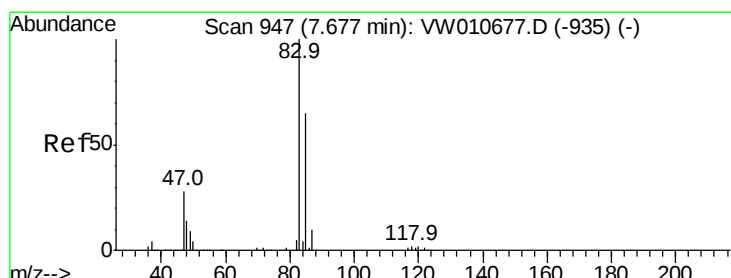
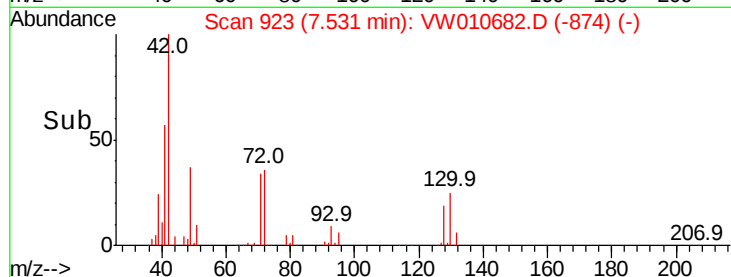
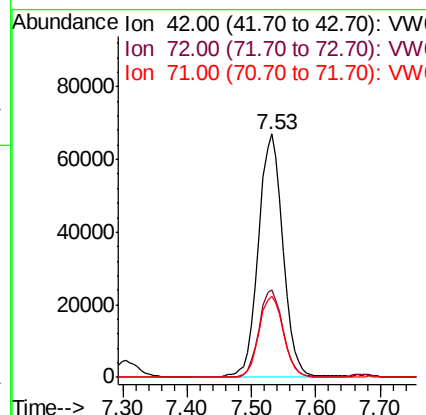
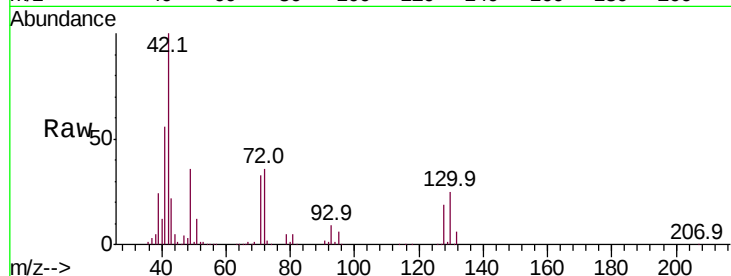
#29  
Tetrahydrofuran  
Concen: 226.083 ug/l  
RT: 7.53 min Scan# 923  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 35.4  | 28.7  | 43.1  |
| 71      | 33.4  | 26.6  | 39.8  |

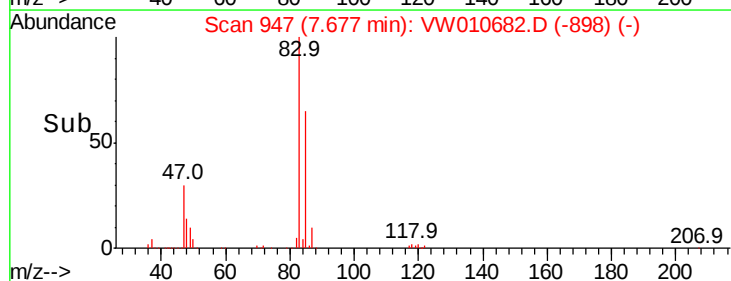
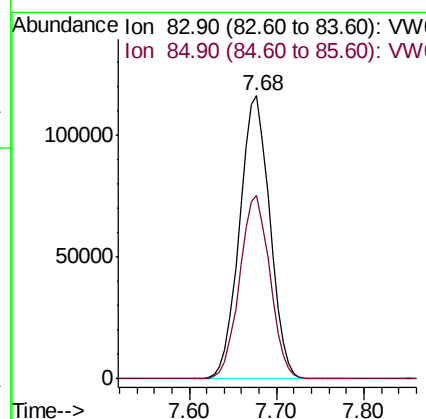
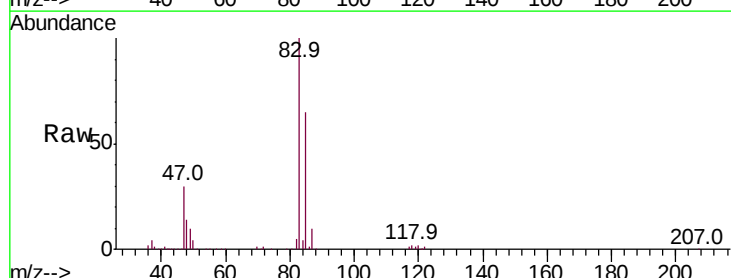
Manual Integrations  
APPROVED

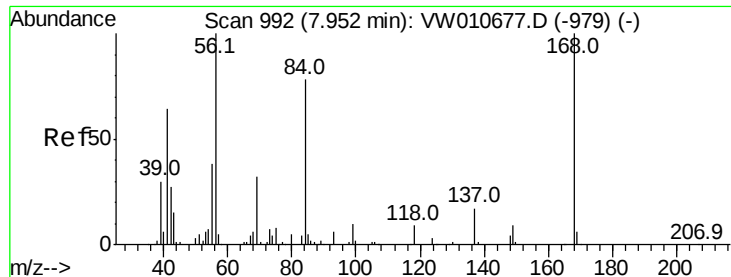
MMDadoda  
6/6/2019 11:51:35 AM



#30  
Chloroform  
Concen: 51.111 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.1  | 51.8  | 77.8  |





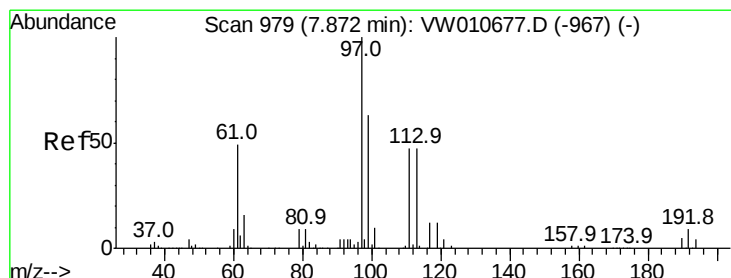
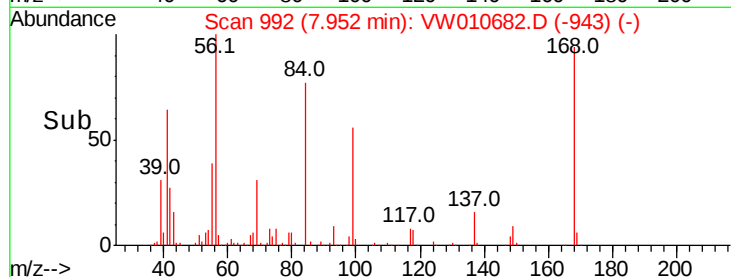
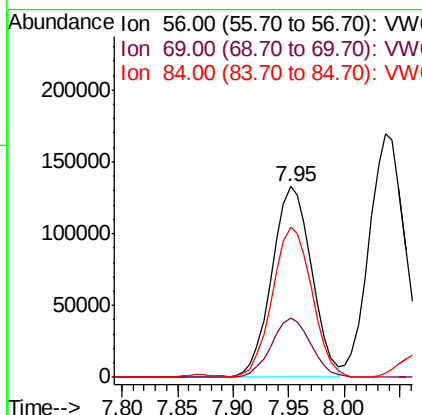
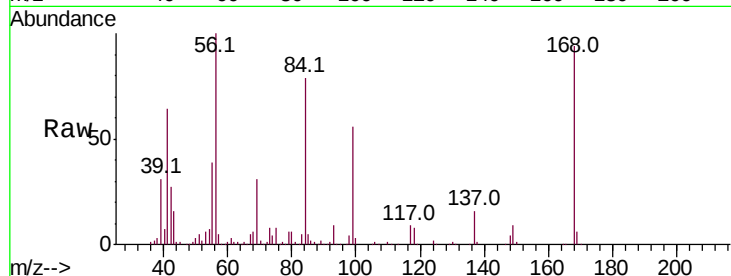
#31  
Cyclohexane  
Concen: 49.682 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 30.7  | 25.2  | 37.8  |
| 84      | 77.8  | 62.2  | 93.2  |

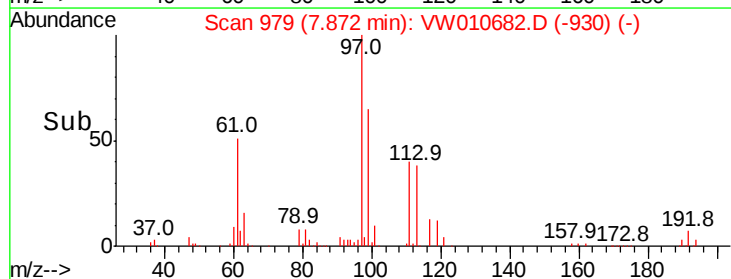
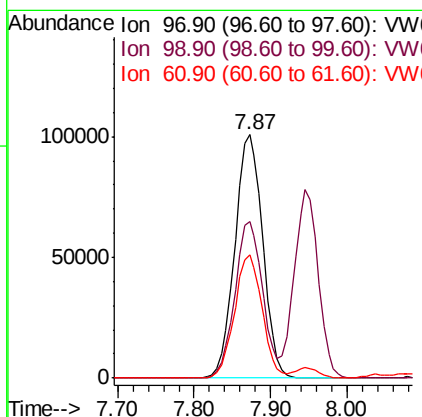
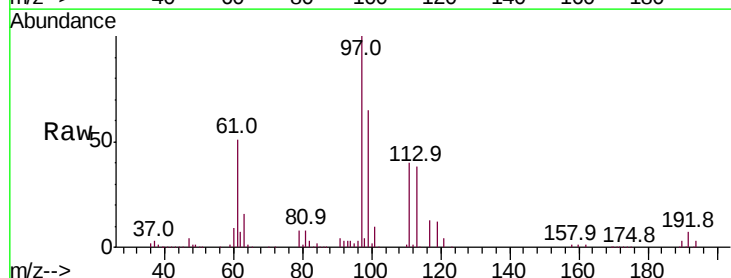
Manual Integrations  
APPROVED

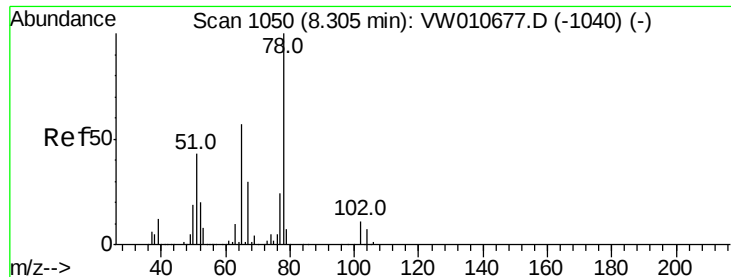
MMDadoda  
6/6/2019 11:51:35 AM



#32  
1,1,1-Trichloroethane  
Concen: 53.044 ug/l  
RT: 7.87 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.0  | 51.3  | 76.9  |
| 61      | 50.4  | 40.4  | 60.6  |





#33

1,2-Dichloroethane-d4

Concen: 46.000 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 151575

Ion Ratio Lower Upper

65 100

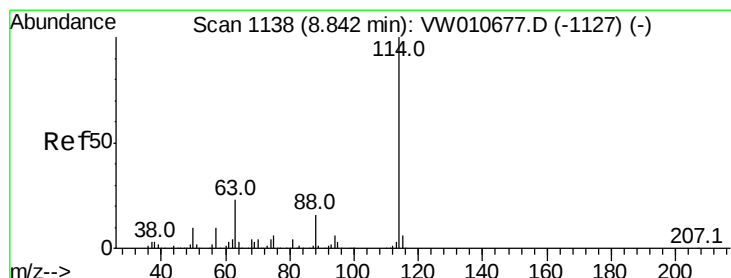
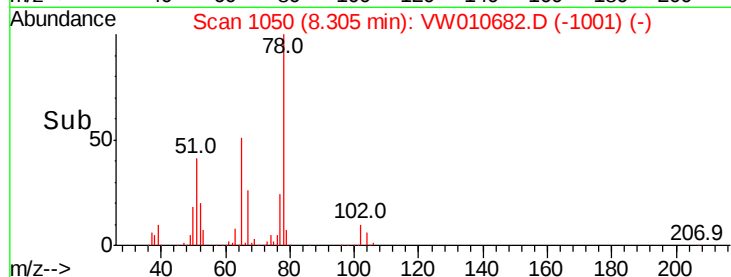
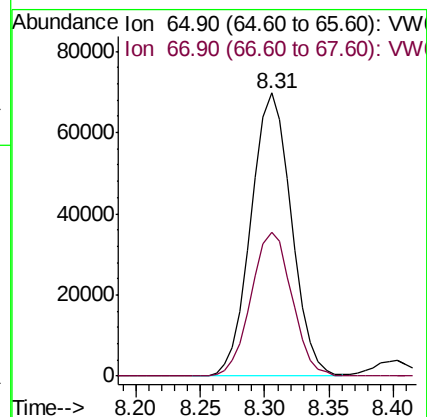
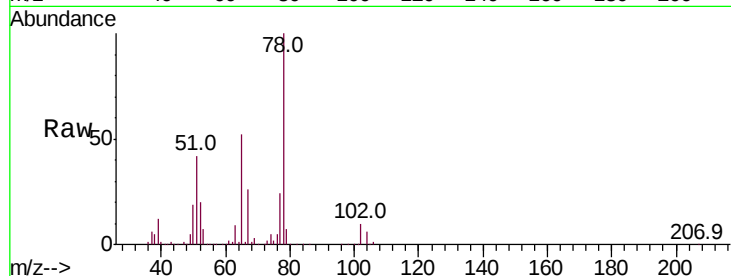
67 51.4 0.0 102.6

Manual Integrations

APPROVED

MMDadoda

6/6/2019 11:51:35 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

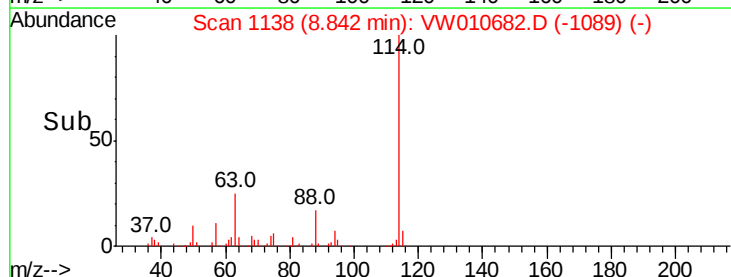
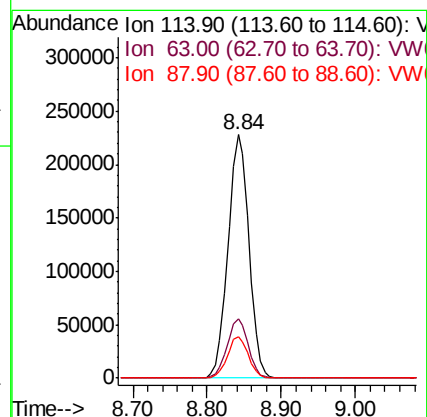
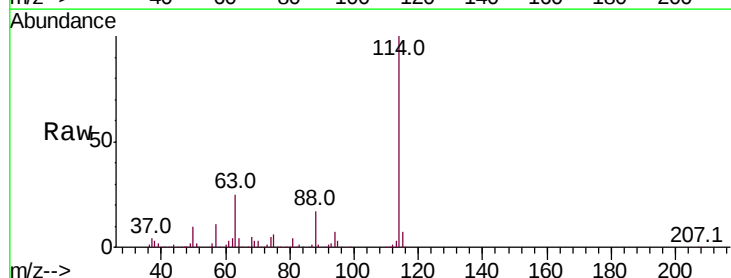
Tgt Ion: 114 Resp: 446750

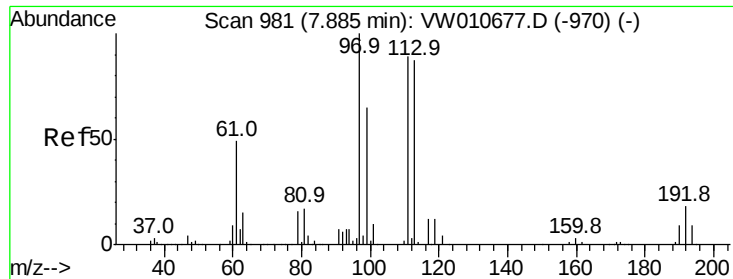
Ion Ratio Lower Upper

114 100

63 24.5 0.0 46.4

88 17.1 0.0 32.2





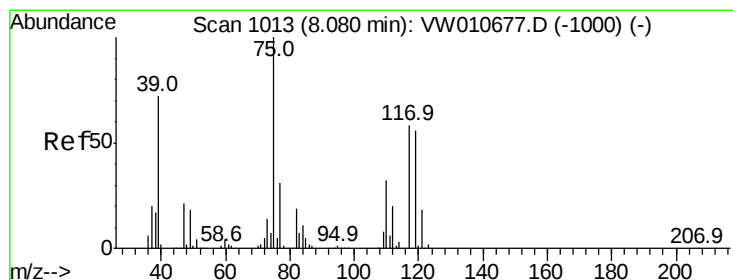
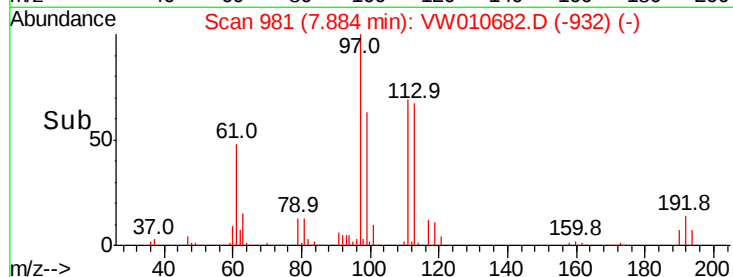
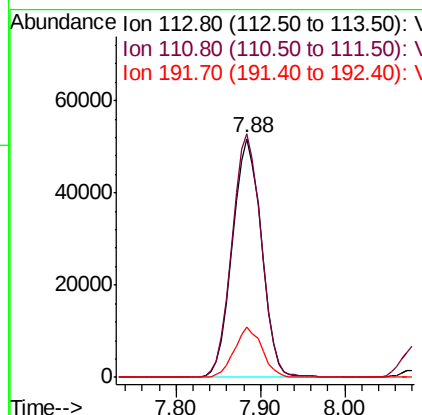
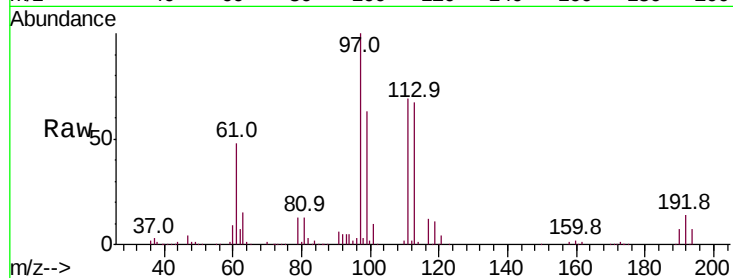
#35  
 Dibromofluoromethane  
 Concen: 49.924 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 121058 |       |       |
| 111     | 102.9 | 82.6   | 123.8 |       |
| 192     | 20.0  | 16.4   | 24.6  |       |

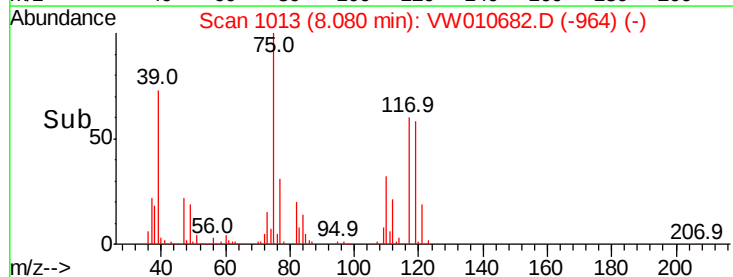
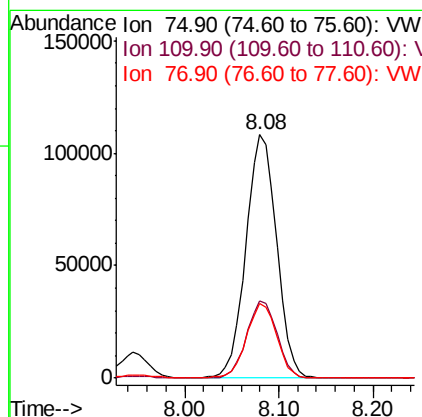
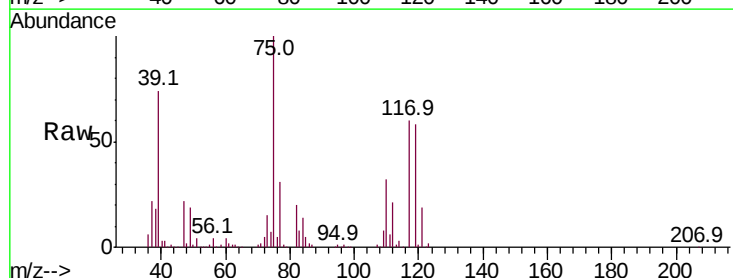
Manual Integrations  
 APPROVED

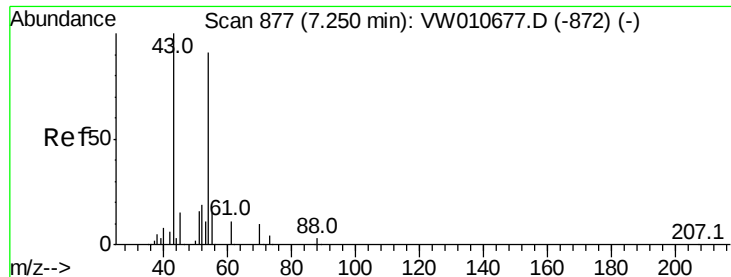
MMDadoda  
 6/6/2019 11:51:35 AM



#36  
 1,1-Dichloropropene  
 Concen: 53.847 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 246244 |       |       |
| 110     | 31.4  | 15.8   | 47.3  |       |
| 77      | 30.4  | 24.7   | 37.1  |       |





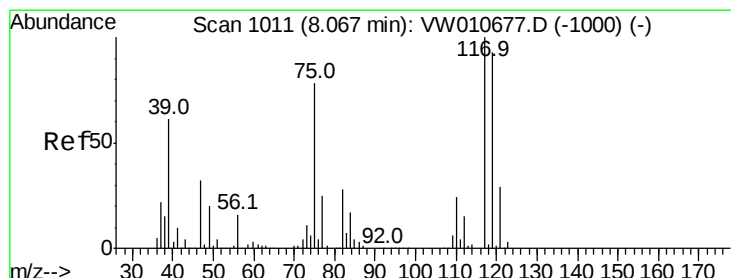
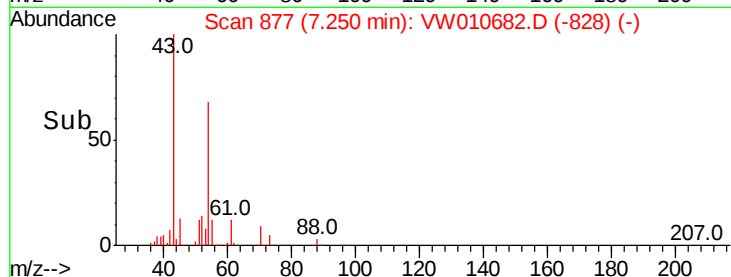
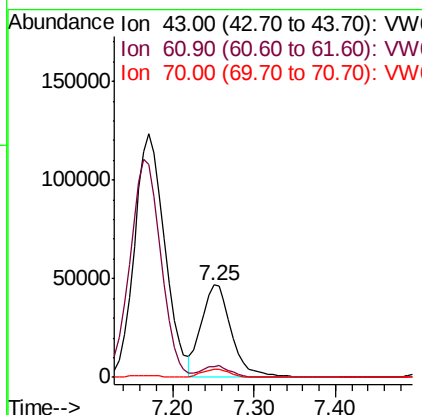
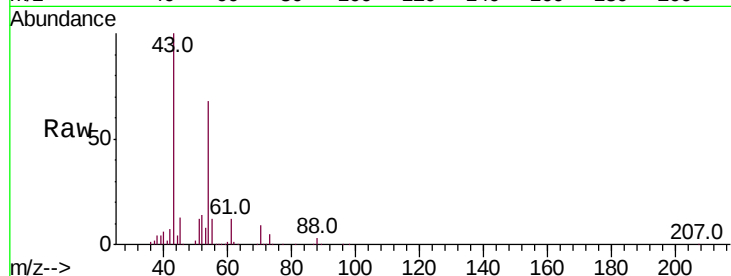
#37  
Ethyl Acetate  
Concen: 47.199 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 11.9  | 9.7   | 14.5  |
| 70      | 8.9   | 7.2   | 10.8  |

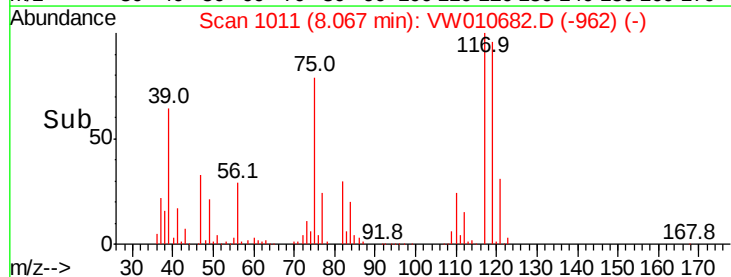
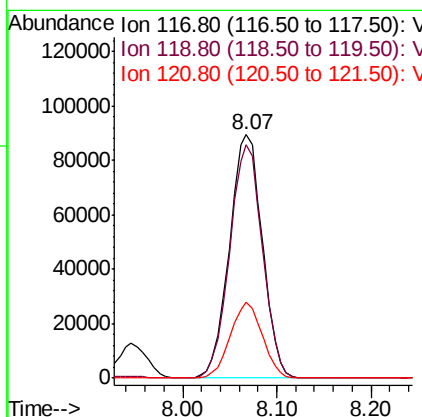
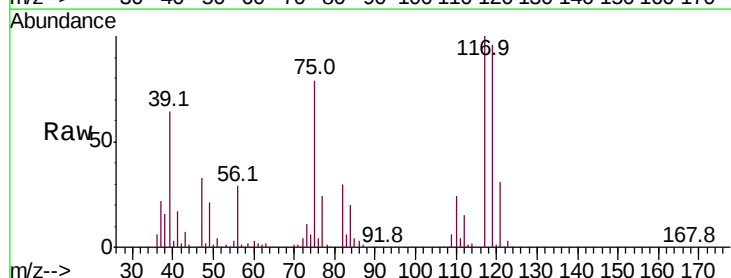
Manual Integrations  
APPROVED

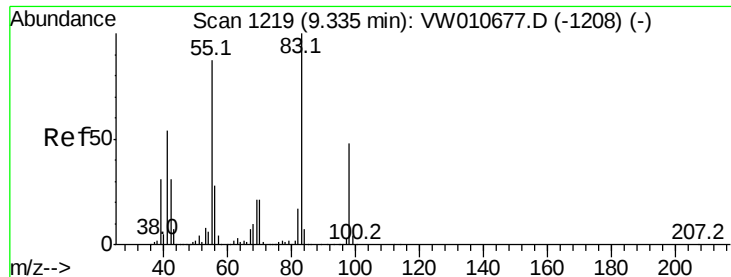
MMDadoda  
6/6/2019 11:51:35 AM



#38  
Carbon Tetrachloride  
Concen: 55.033 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.9  | 74.2  | 111.4 |
| 121     | 31.2  | 22.9  | 34.3  |





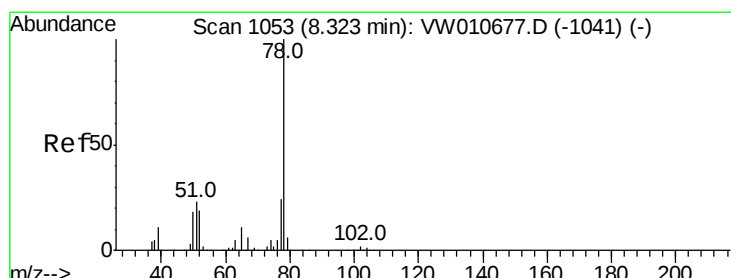
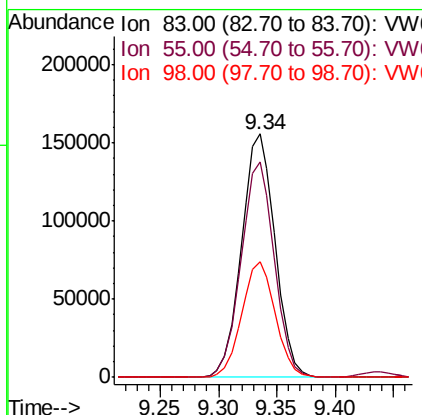
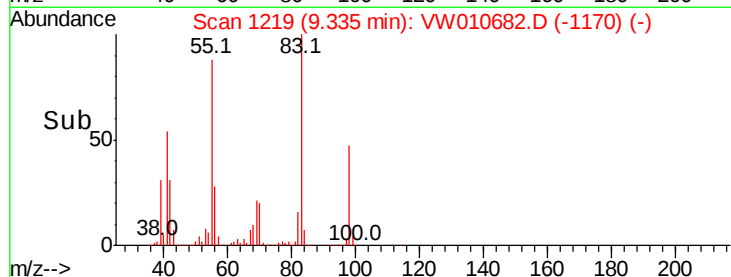
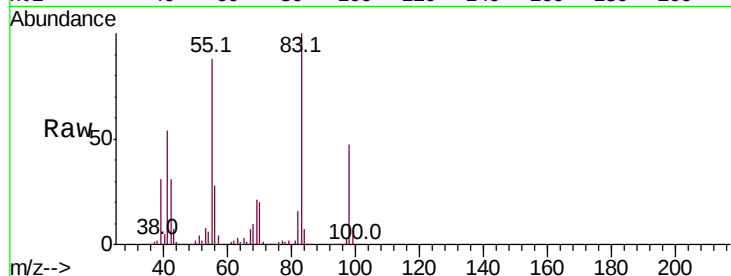
#39  
Methvlcvclohexane  
Concen: 53.652 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 88.4  | 70.0  | 105.0 |
| 98      | 47.3  | 38.1  | 57.1  |

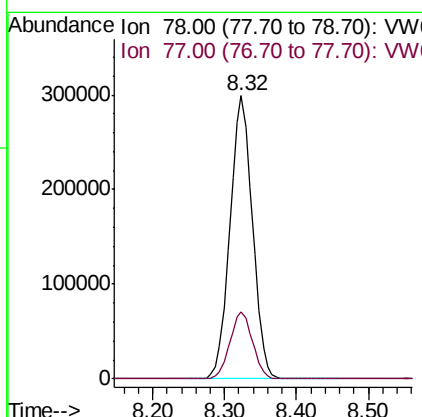
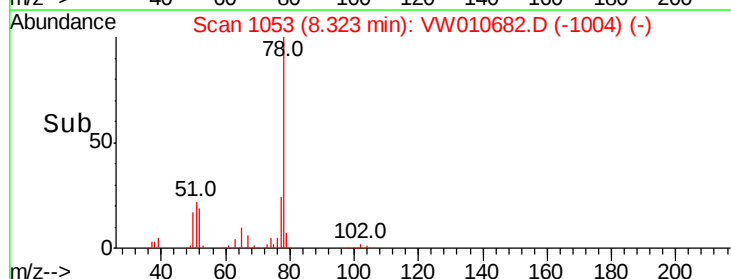
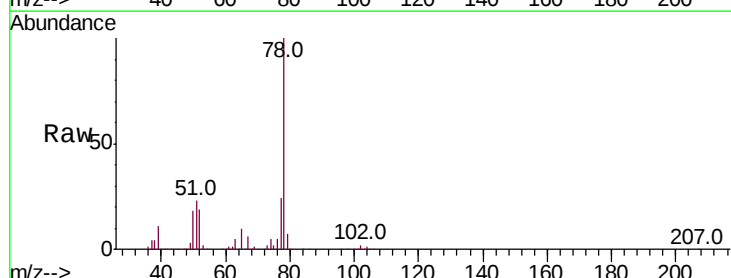
Manual Integrations  
APPROVED

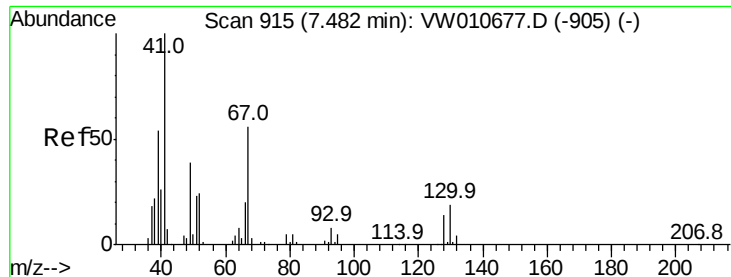
MMDadoda  
6/6/2019 11:51:35 AM



#40  
Benzene  
Concen: 51.939 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.9  | 19.1  | 28.7  |





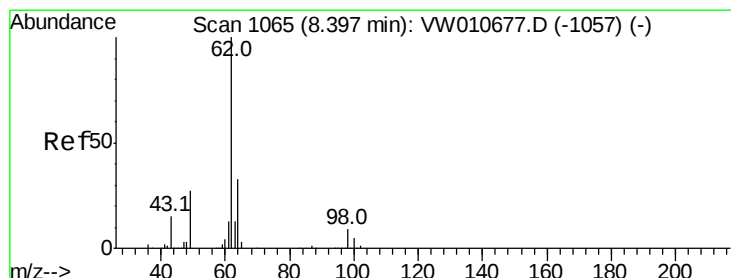
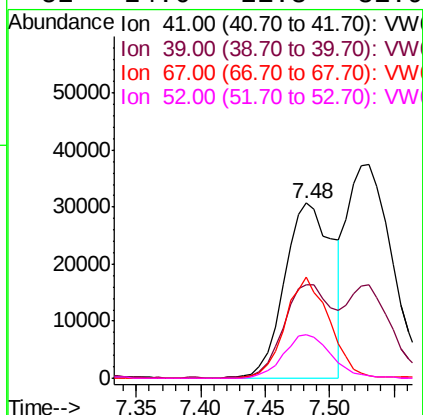
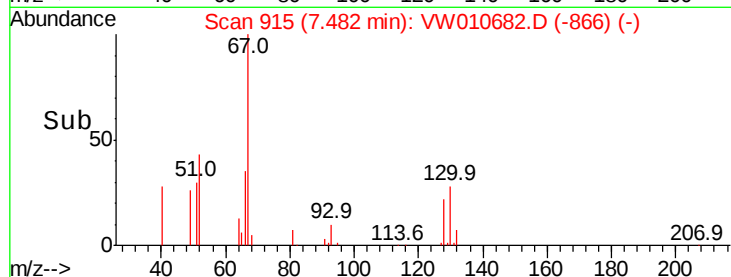
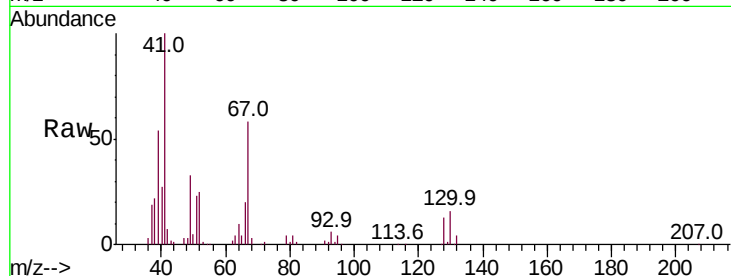
#41  
Methacrylonitrile  
Concen: 53.198 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 53.8  | 47.3  | 70.9  |
| 67      | 53.1  | 47.2  | 70.8  |
| 52      | 24.6  | 21.3  | 31.9  |

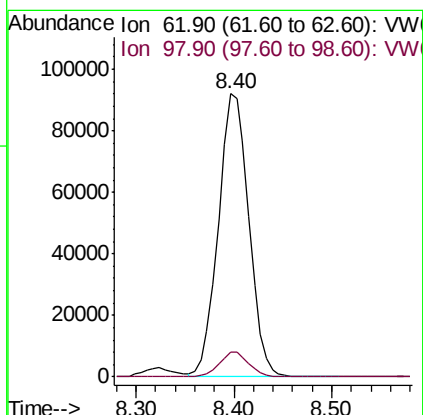
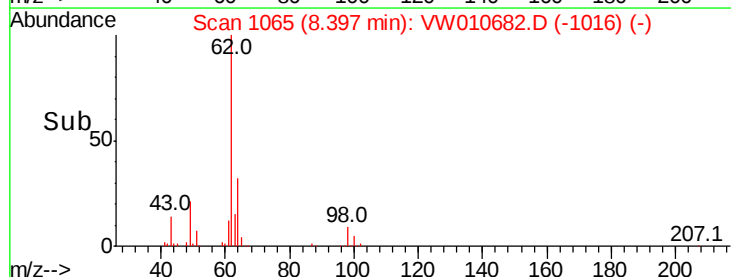
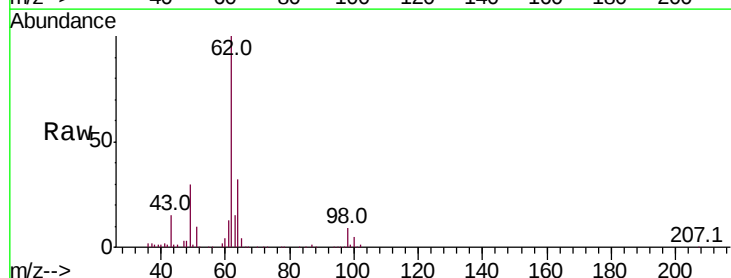
Manual Integrations  
APPROVED

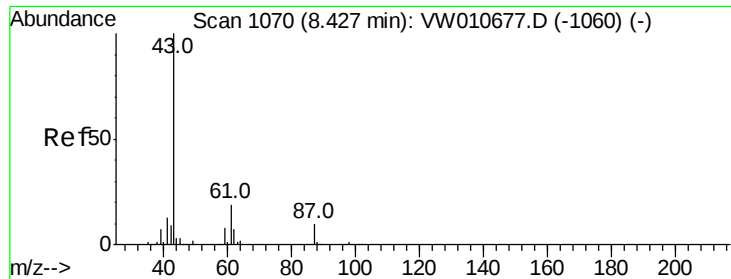
MMDadoda  
6/6/2019 11:51:35 AM



#42  
1,2-Dichloroethane  
Concen: 50.303 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.4   | 0.0   | 17.2  |





#43

Isopropyl Acetate

Concen: 48.532 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

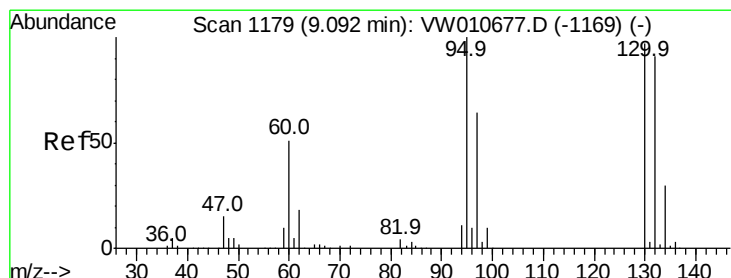
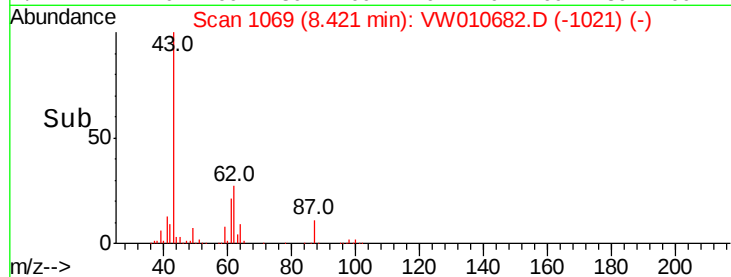
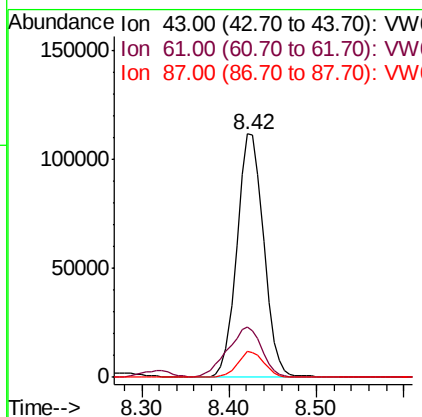
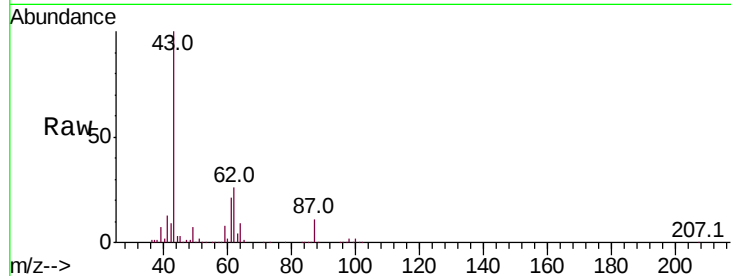
ClientSampleId :

VSTDCCC050

| Tot Ion | 43    | Resp  | 237599 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 43      | 100   |       |        |
| 61      | 26.1  | 21.2  | 31.8   |
| 87      | 10.4  | 8.3   | 12.5   |

Manual Integrations  
APPROVED

MMDadoda  
6/6/2019 11:51:35 AM



#44

Trichloroethene

Concen: 51.972 ug/l

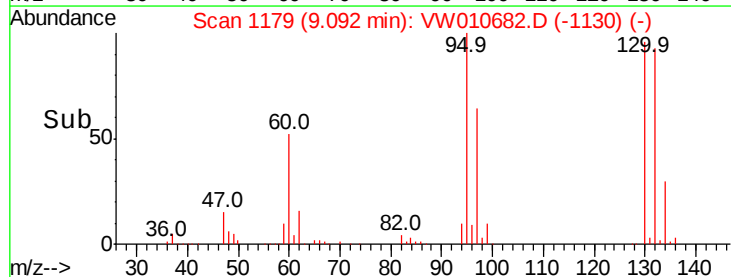
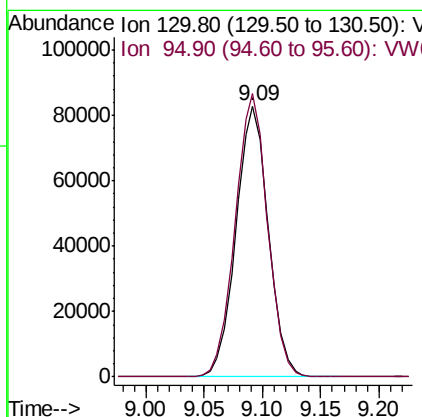
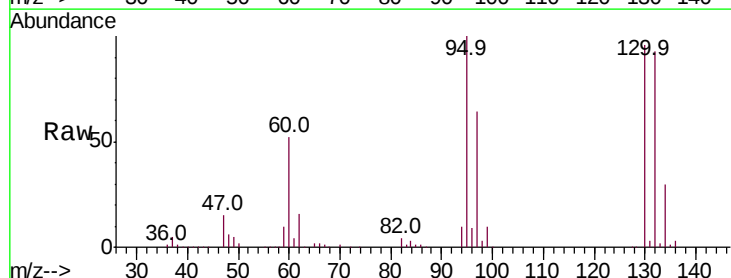
RT: 9.09 min Scan# 1179

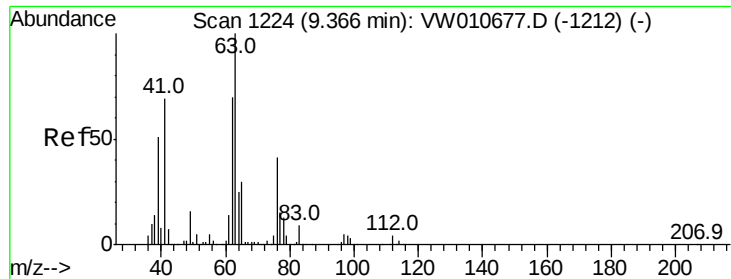
Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

| Tgt Ion | 130   | Resp  | 159937 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 130     | 100   |       |        |
| 95      | 104.4 | 0.0   | 207.0  |





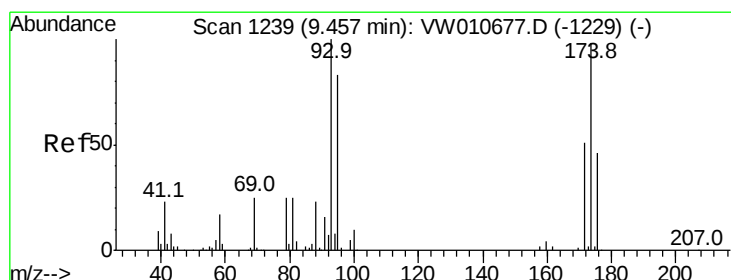
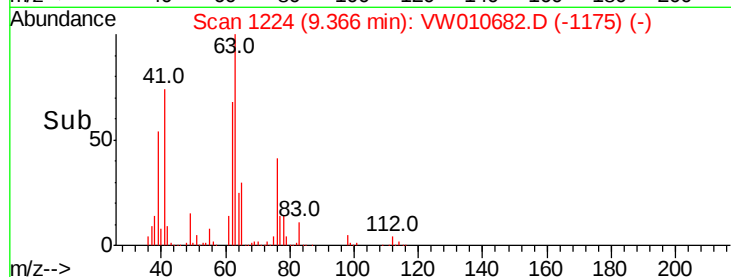
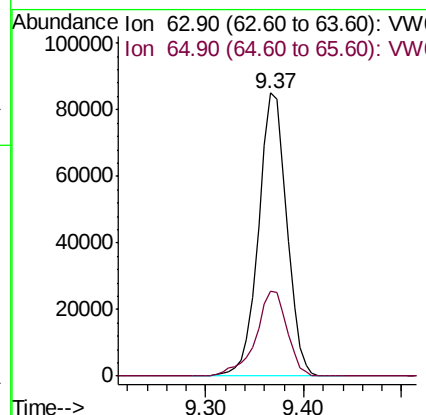
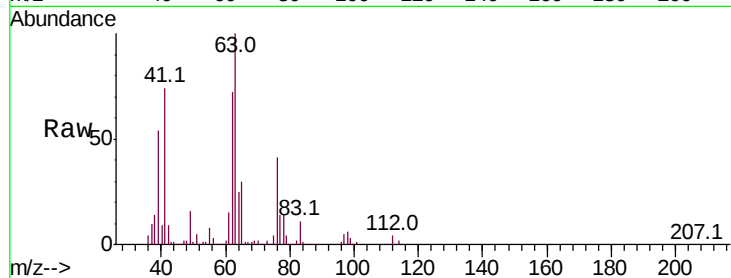
#45  
 1,2-Dichloropropane  
 Concen: 51.672 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 170642  
 Ion Ratio Lower Upper  
 63 100  
 65 29.9 23.8 35.6

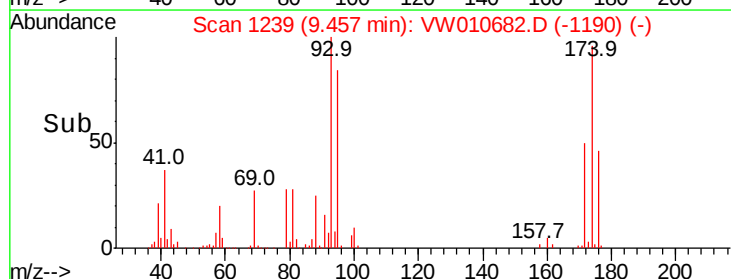
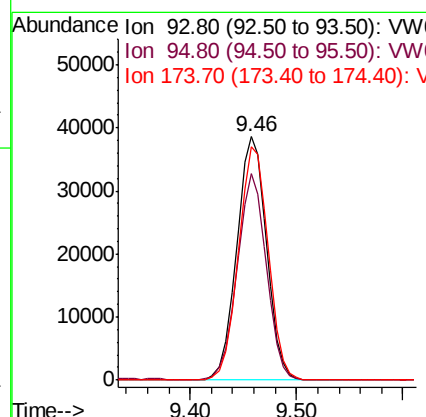
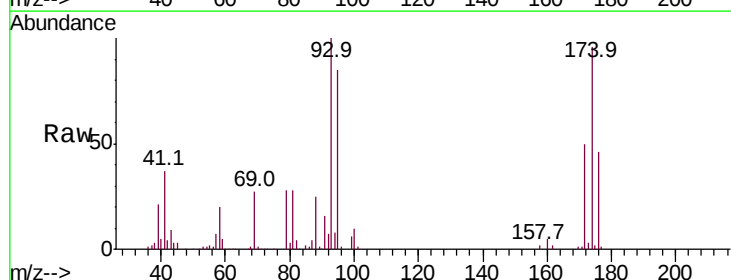
Manual Integrations  
 APPROVED

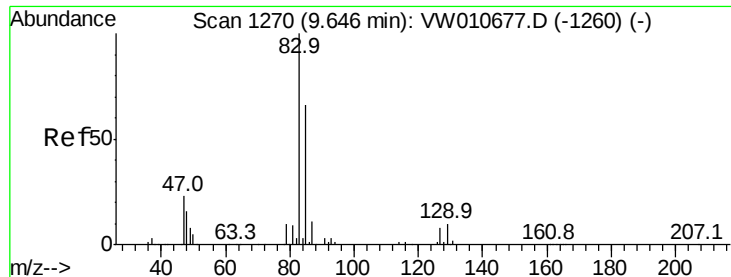
MMDadoda  
 6/6/2019 11:51:35 AM



#46  
 Dibromomethane  
 Concen: 49.352 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

Tgt Ion: 93 Resp: 75700  
 Ion Ratio Lower Upper  
 93 100  
 95 82.9 65.8 98.8  
 174 96.2 77.4 116.0





#47

Bromodichloromethane

Concen: 52.734 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

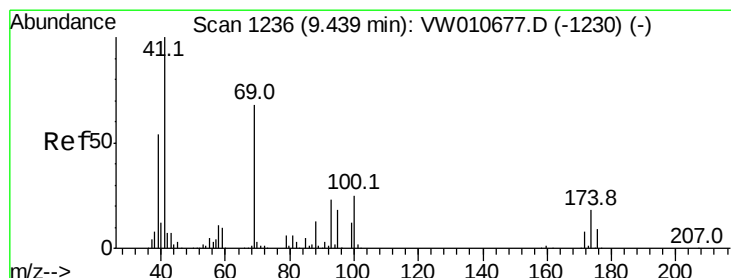
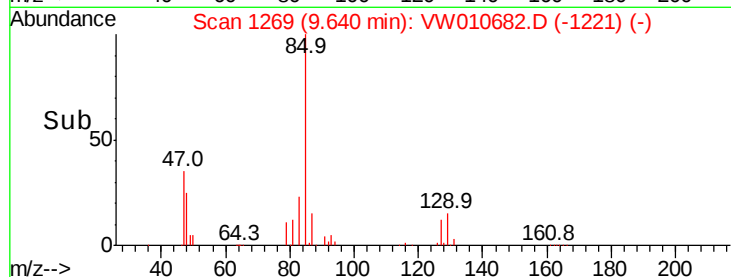
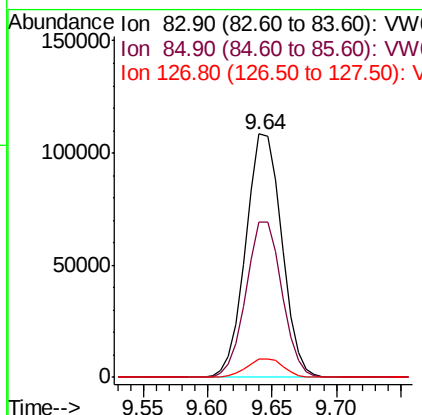
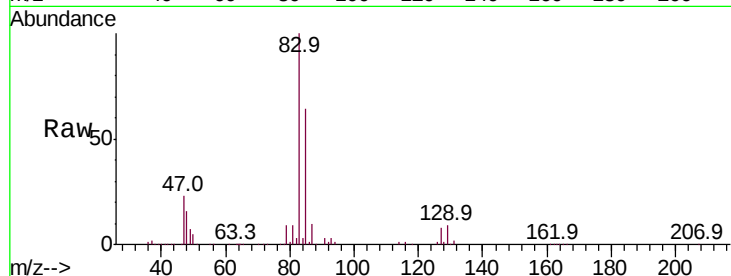
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 209674 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.9  | 53.0  | 79.4   |
| 127       | 7.8   | 6.4   | 9.6    |

Manual Integrations  
APPROVED

MMDadoda  
6/6/2019 11:51:35 AM



#48

Methyl methacrylate

Concen: 49.075 ug/l

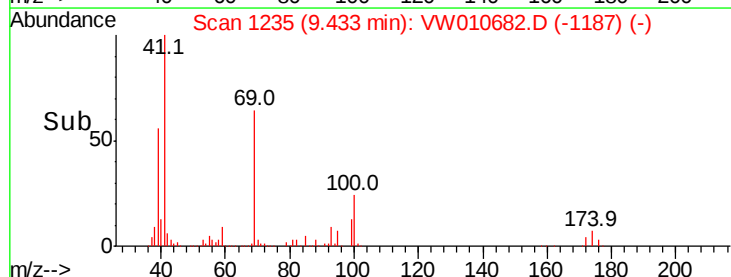
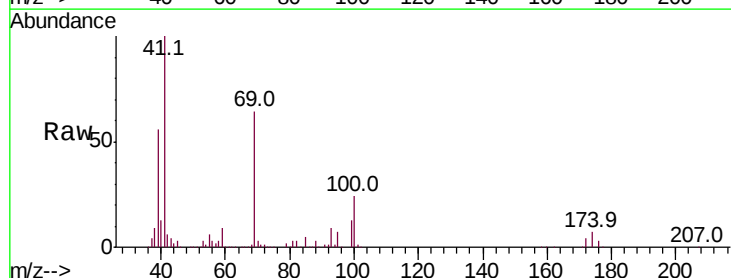
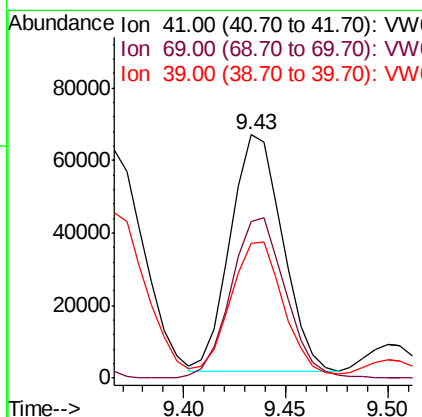
RT: 9.43 min Scan# 1235

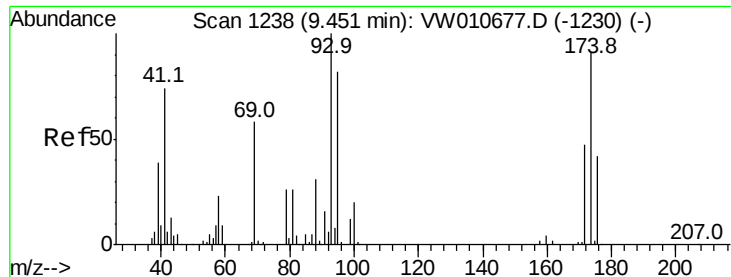
Delta R.T. -0.01 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 115838 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 71.0  | 56.6  | 85.0   |
| 39        | 55.9  | 44.4  | 66.6   |





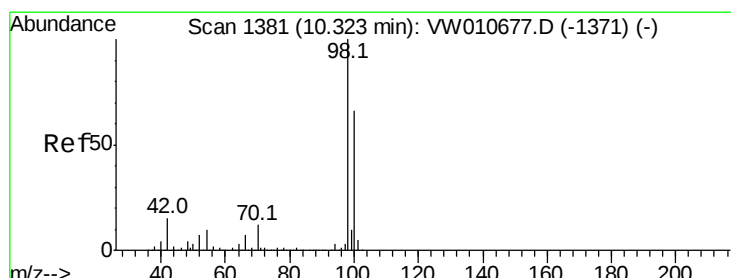
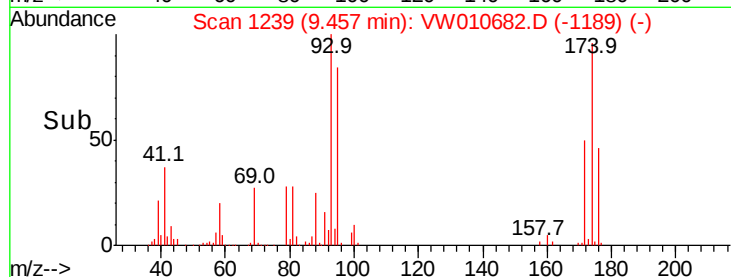
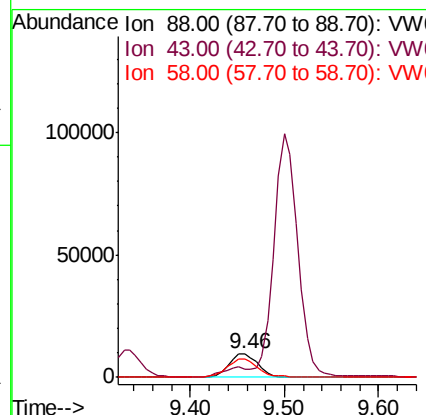
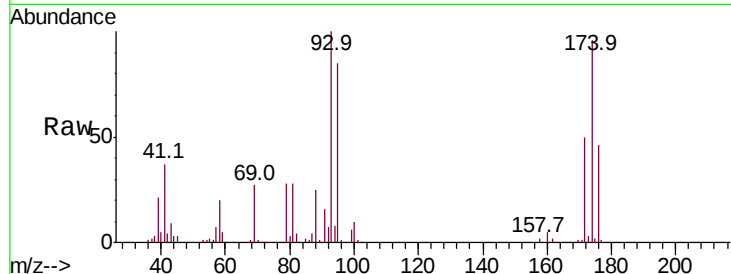
#49  
1,4-Dioxane  
Concen: 865.042 ug/l  
RT: 9.46 min Scan# 1239  
Delta R.T. 0.01 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 38.7  | 34.2  | 51.4  |
| 58      | 83.0  | 69.0  | 103.4 |

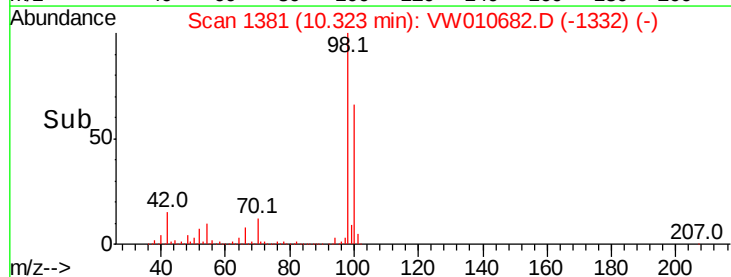
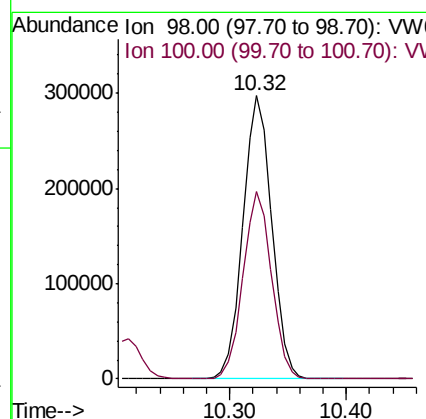
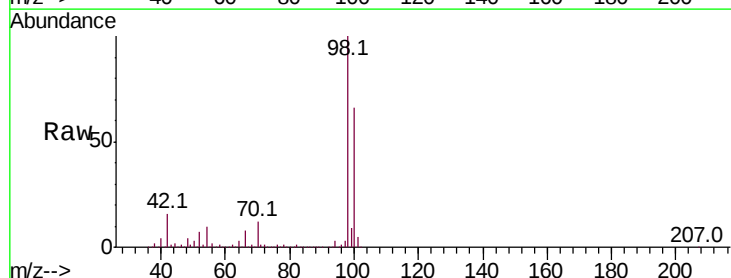
Manual Integrations  
APPROVED

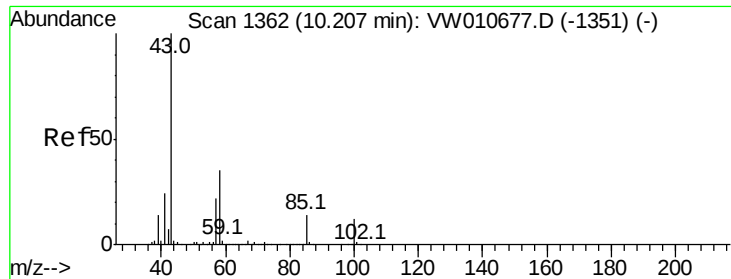
MMDadoda  
6/6/2019 11:51:35 AM



#50  
Toluene-d8  
Concen: 48.288 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.6  | 53.0  | 79.6  |





#51

4-Methyl-2-Pentanone

Concen: 240.669 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 601931

Ion Ratio Lower Upper

43 100

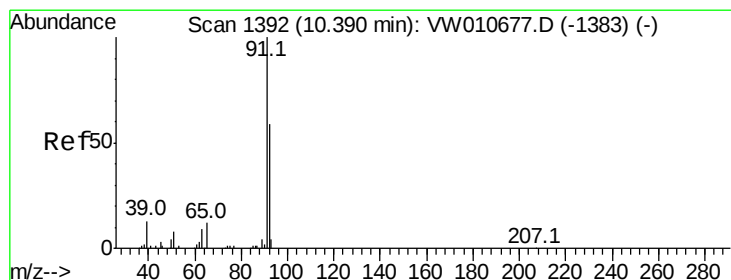
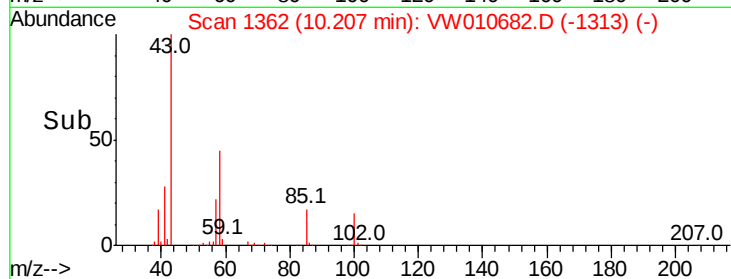
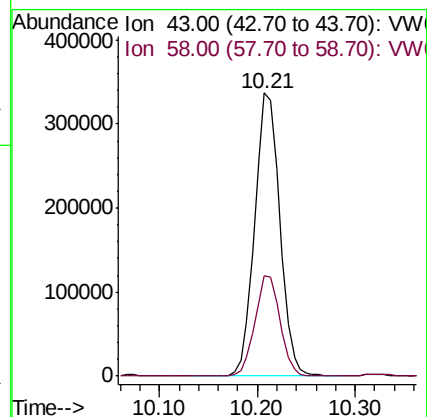
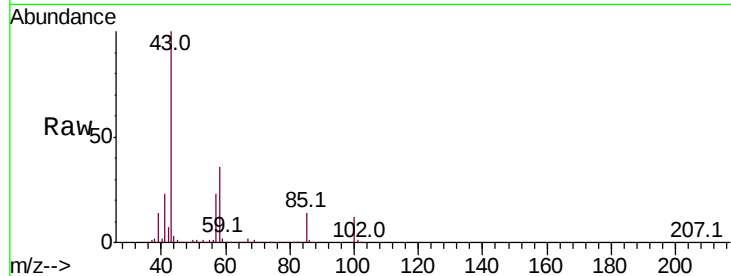
58 35.4 28.4 42.6

Manual Integrations

APPROVED

MMDadoda

6/6/2019 11:51:35 AM



#52

Toluene

Concen: 51.920 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010682.D

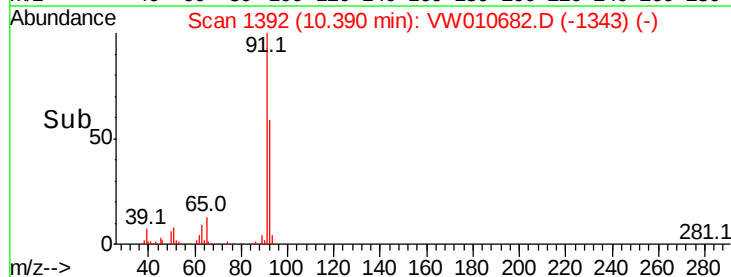
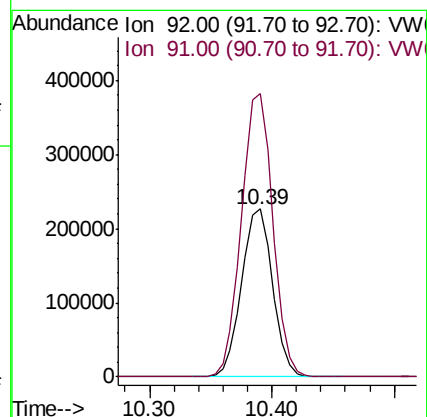
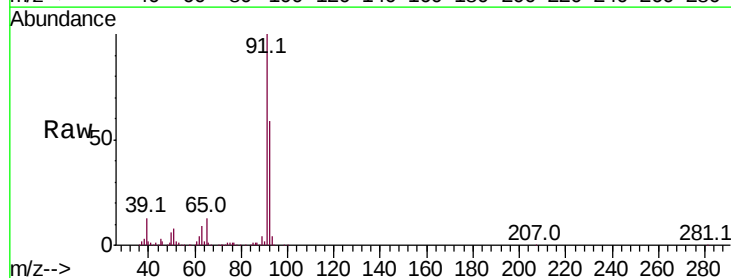
Acq: 05 Jun 2019 10:18

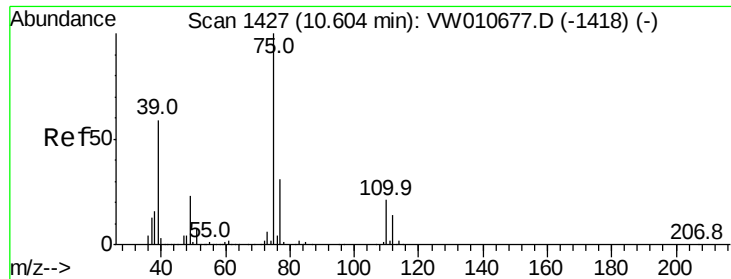
Tgt Ion: 92 Resp: 398527

Ion Ratio Lower Upper

92 100

91 171.1 134.9 202.3





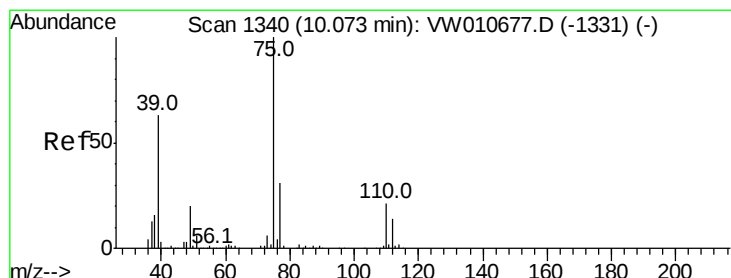
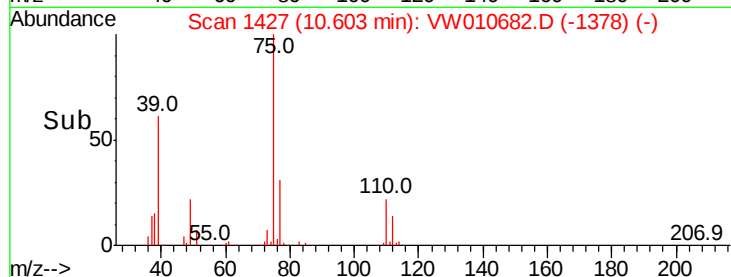
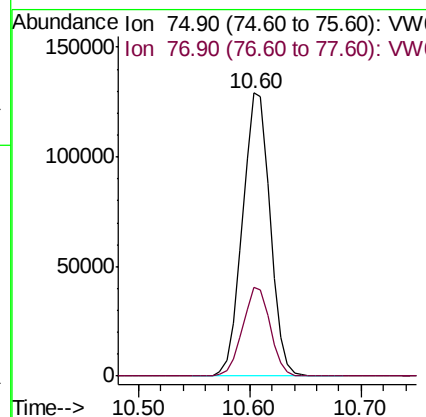
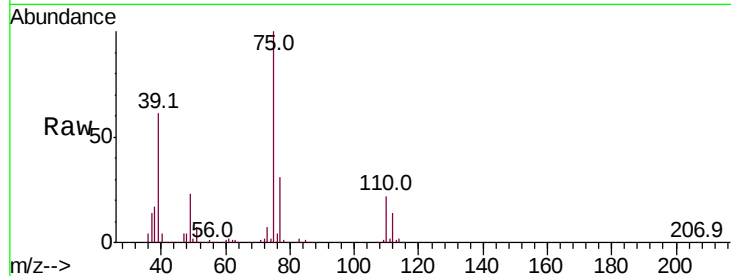
#53  
 t-1,3-Dichloropropene  
 Concen: 52.651 ug/l  
 RT: 10.60 min Scan# 1427  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.2  | 24.6  | 36.8  |

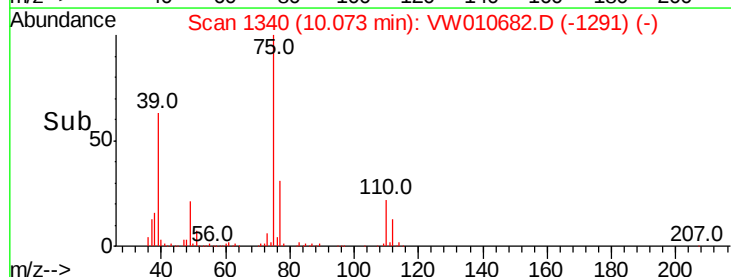
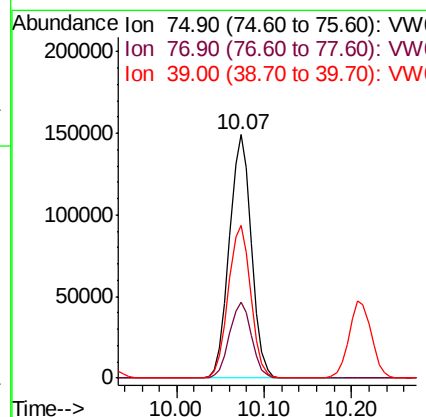
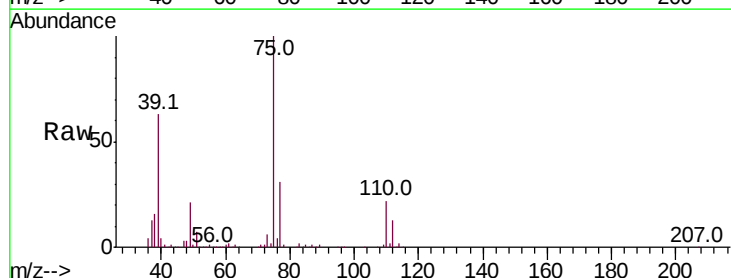
Manual Integrations  
 APPROVED

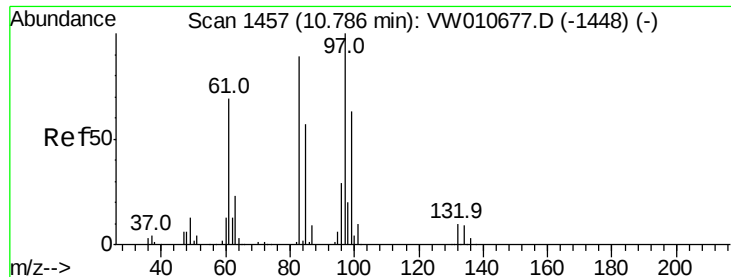
MMDadoda  
 6/6/2019 11:51:35 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.684 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.4  | 25.2  | 37.8  |
| 39      | 62.7  | 50.1  | 75.1  |





#55

1,1,2-Trichloroethane

Concen: 49.384 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 109125

Ion Ratio Lower Upper

97 100

83 86.7 71.1 106.7

85 55.5 45.2 67.8

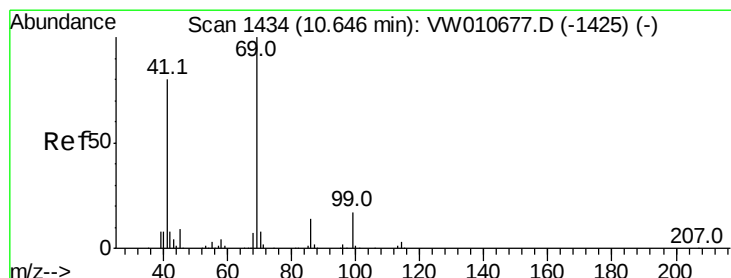
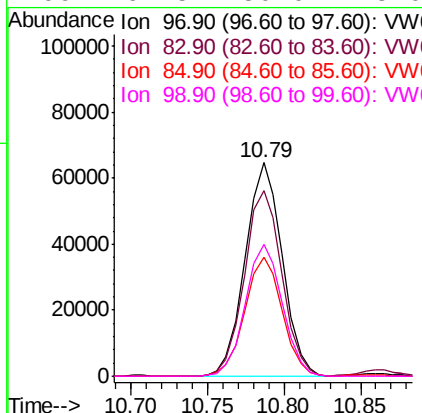
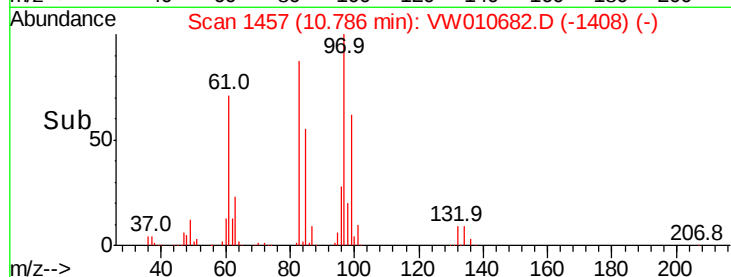
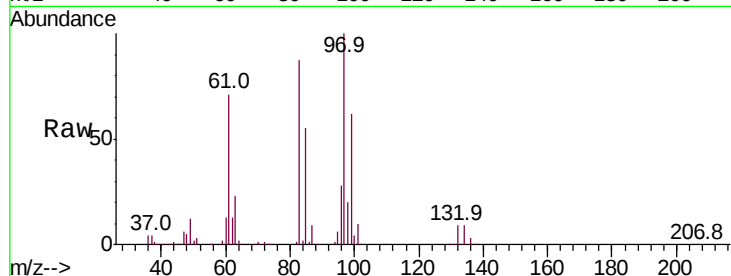
99 61.5 50.0 75.0

Manual Integrations

APPROVED

MMDadoda

6/6/2019 11:51:35 AM



#56

Ethyl methacrylate

Concen: 49.244 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

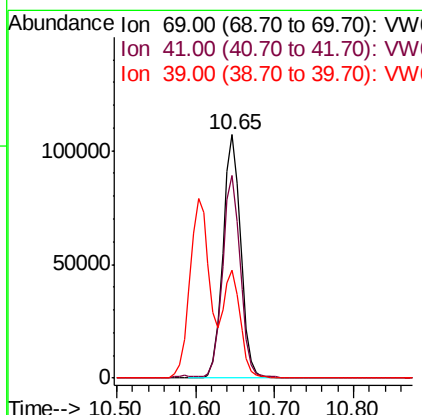
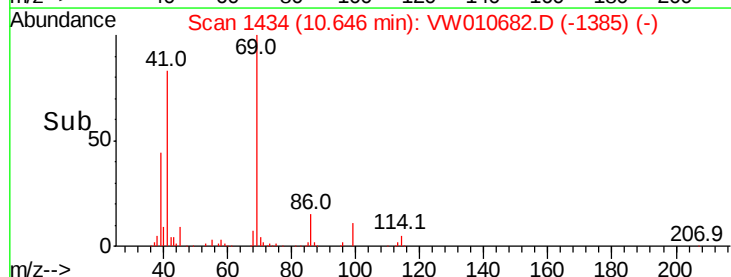
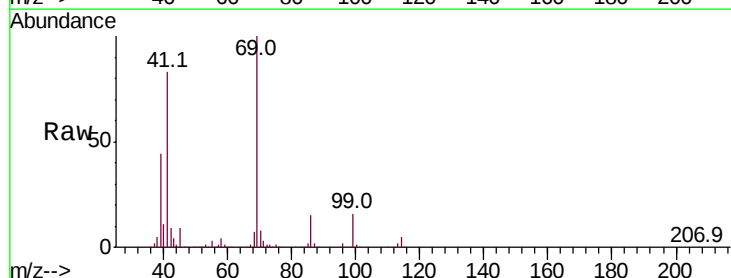
Tgt Ion: 69 Resp: 167439

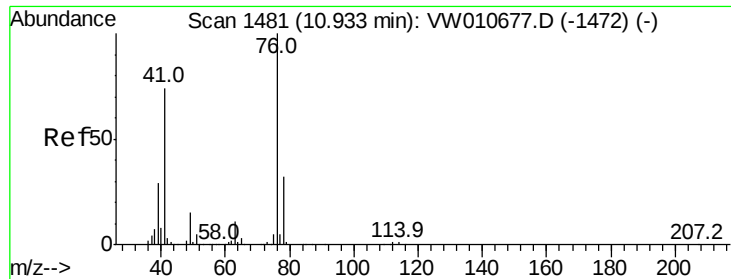
Ion Ratio Lower Upper

69 100

41 82.6 64.8 97.2

39 41.6 32.2 48.2





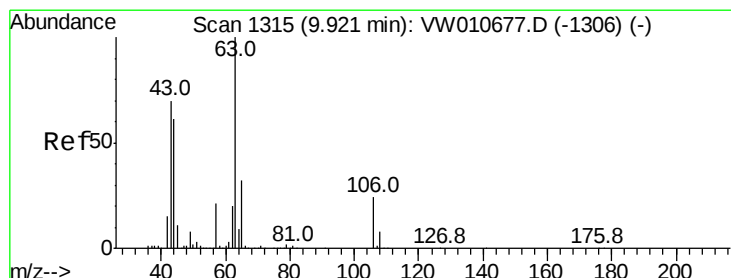
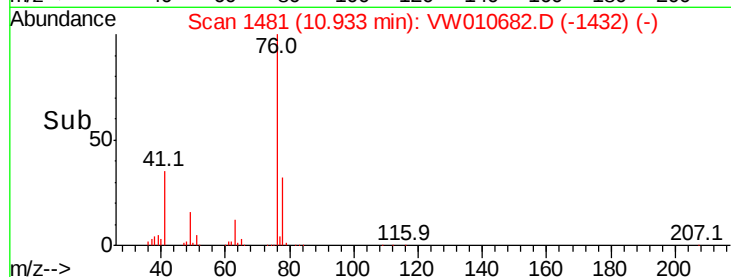
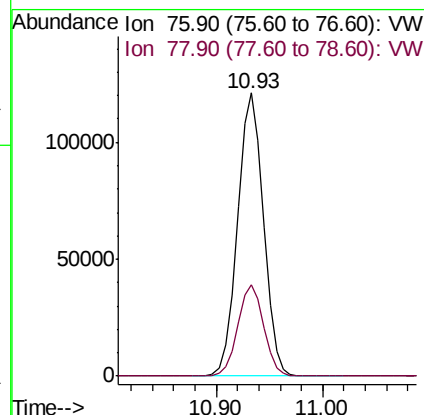
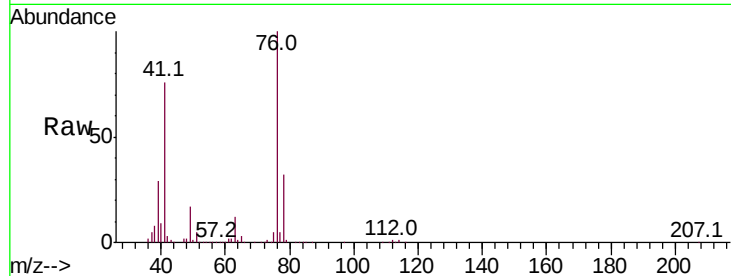
#57  
 1,3-Dichloropropane  
 Concen: 49.594 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tot Ion: 76 Resp: 206522  
 Ion Ratio Lower Upper  
 76 100  
 78 32.4 25.7 38.5

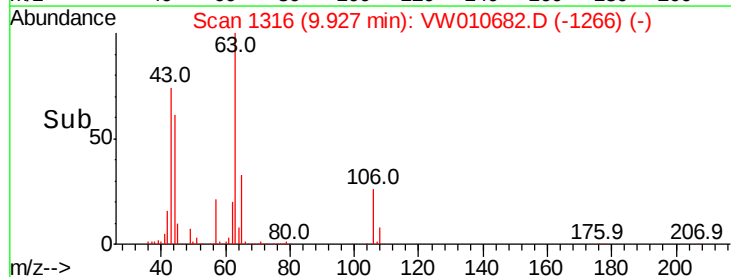
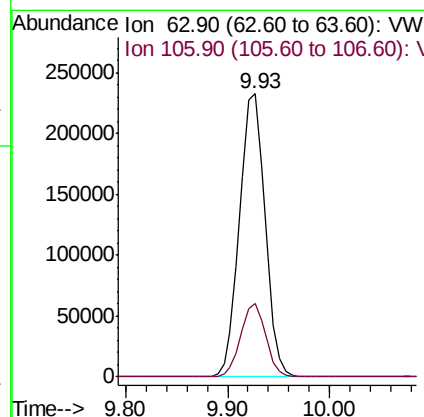
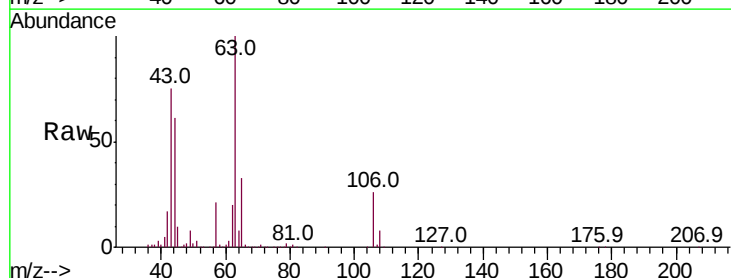
Manual Integrations  
 APPROVED

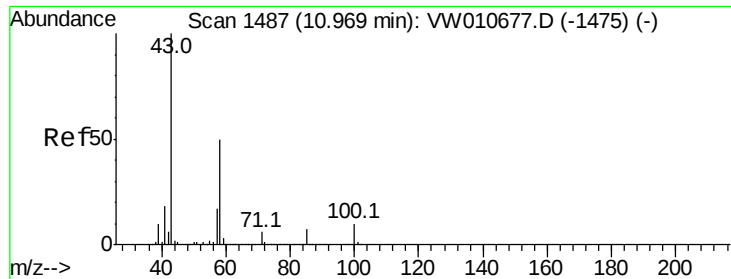
MMDadoda  
 6/6/2019 11:51:35 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 226.746 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.01 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

Tgt Ion: 63 Resp: 403818  
 Ion Ratio Lower Upper  
 63 100  
 106 25.3 20.1 30.1





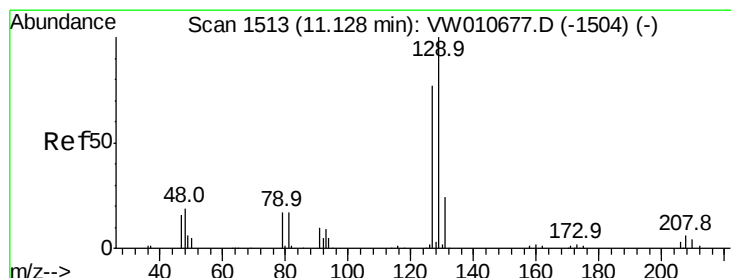
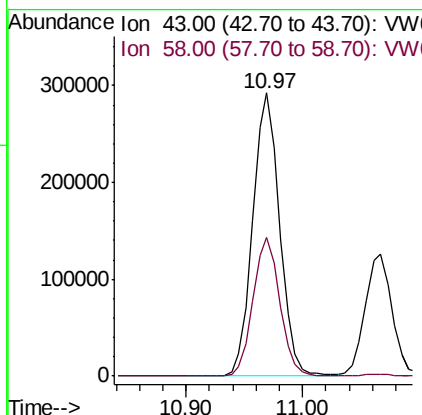
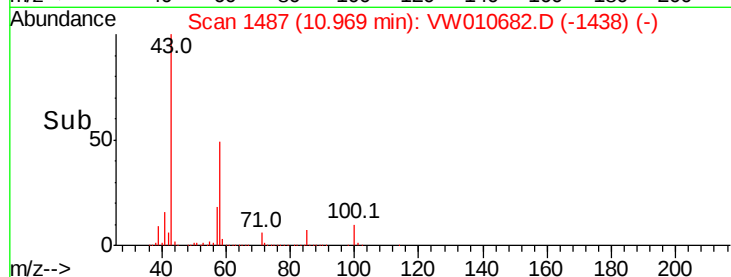
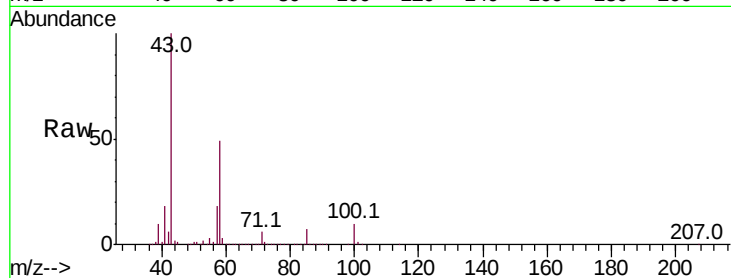
#59  
2-Hexanone  
Concen: 261.304 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 472328  
Ion Ratio Lower Upper  
43 100  
58 48.7 24.9 74.6

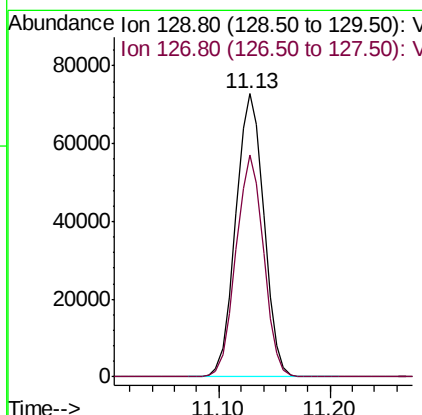
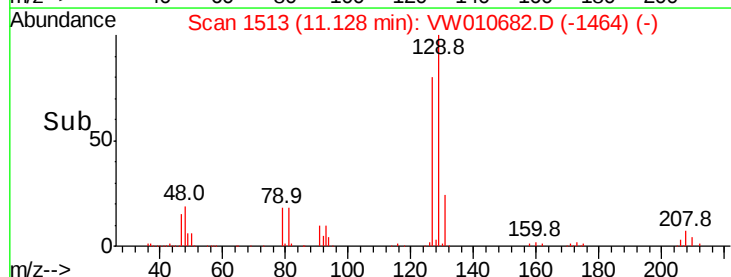
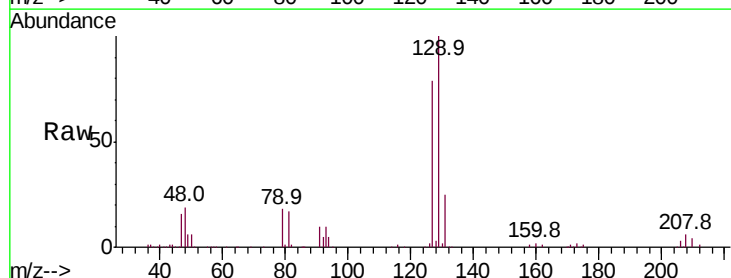
Manual Integrations  
APPROVED

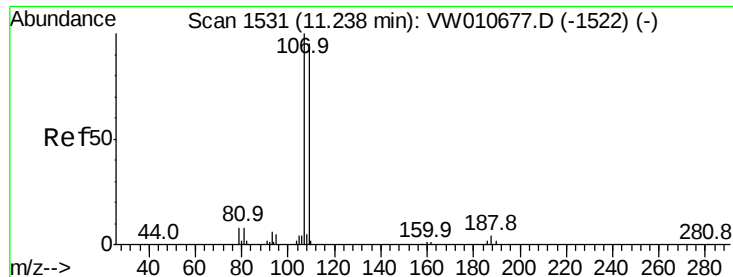
MMDadoda  
6/6/2019 11:51:35 AM



#60  
Dibromochloromethane  
Concen: 51.909 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Tgt Ion: 129 Resp: 127152  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.6 116.0





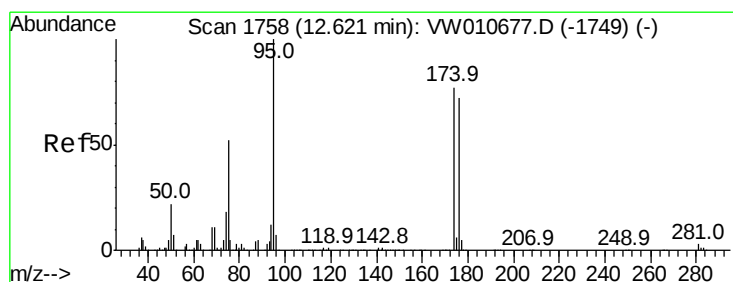
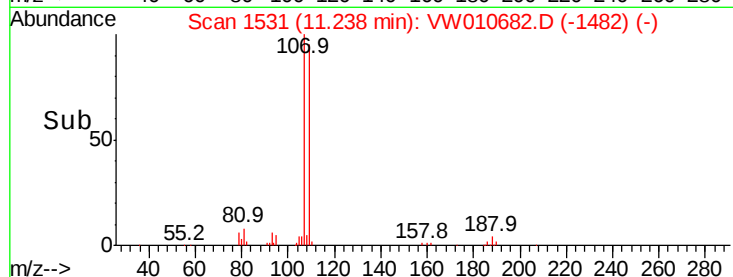
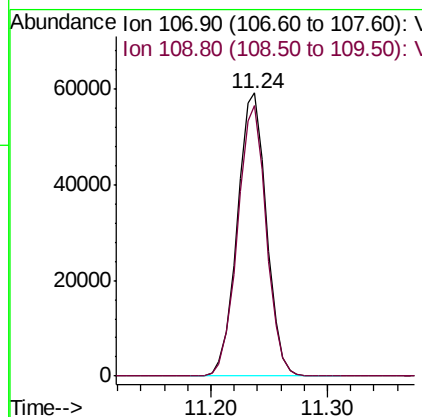
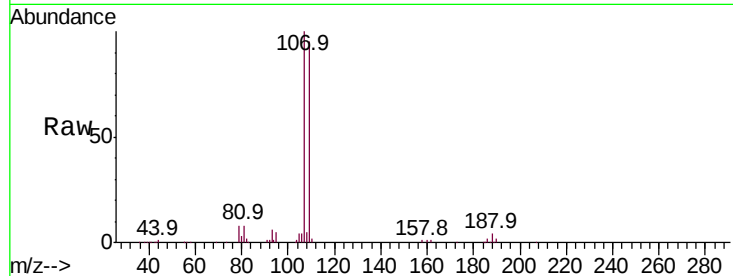
#61  
 1,2-Dibromoethane  
 Concen: 49.216 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.2  | 75.8  | 113.8 |

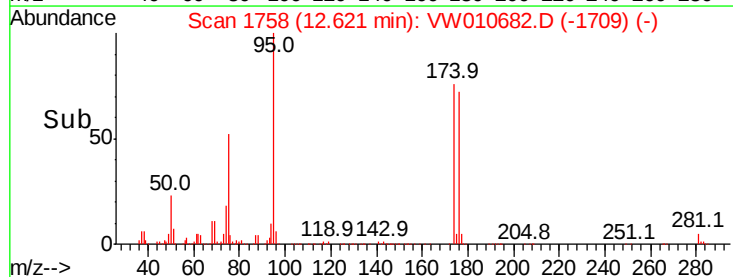
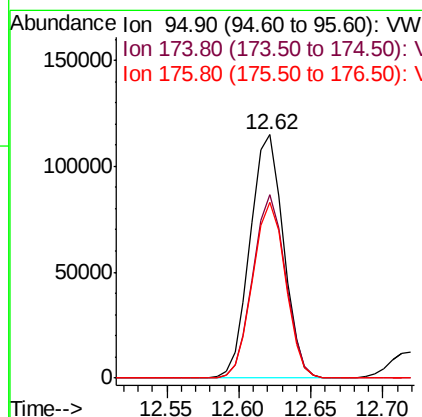
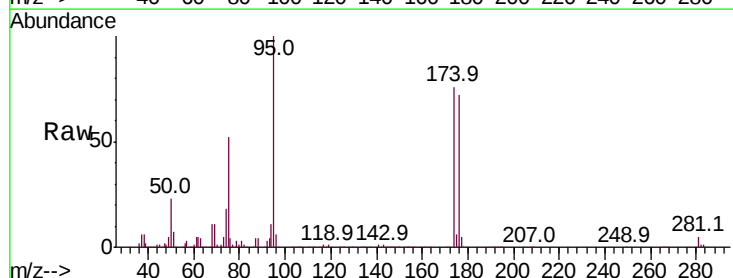
Manual Integrations  
 APPROVED

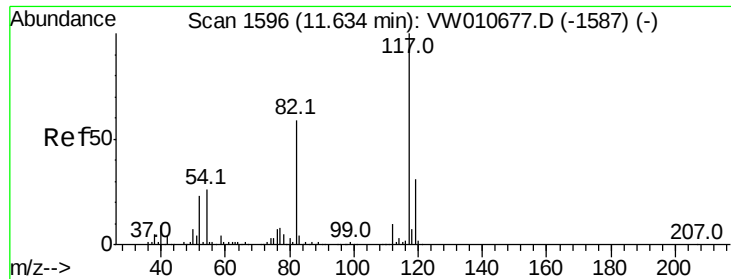
MMDadoda  
 6/6/2019 11:51:35 AM



#62  
 4-Bromofluorobenzene  
 Concen: 47.612 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 74.1  | 0.0   | 150.4 |
| 176     | 71.4  | 0.0   | 144.8 |





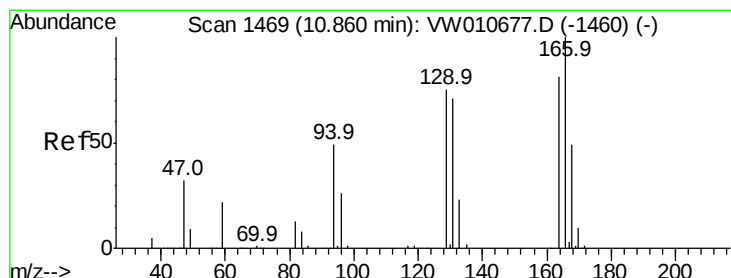
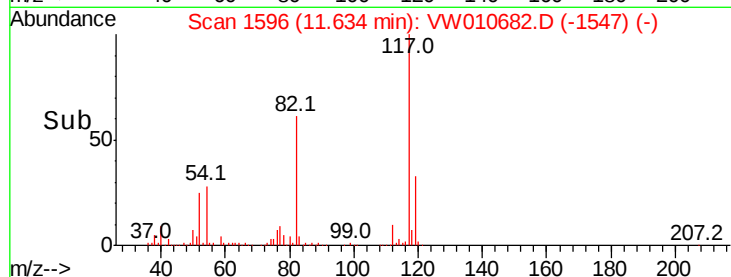
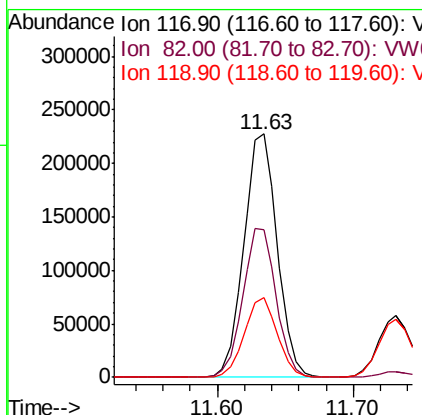
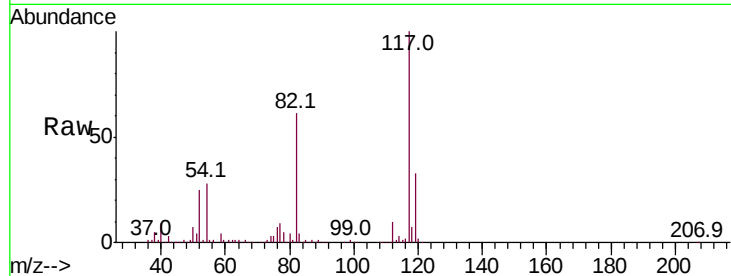
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 389953 |       |       |
| 82      | 60.6  |        | 47.0  | 70.4  |
| 119     | 32.9  |        | 25.1  | 37.7  |

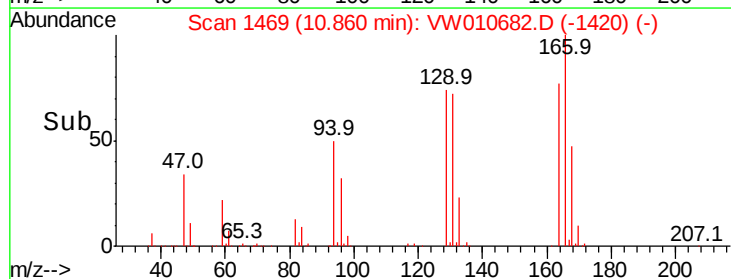
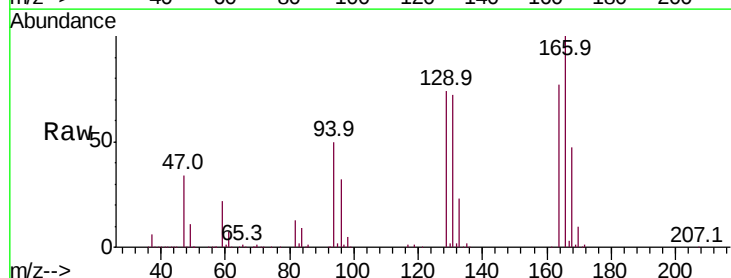
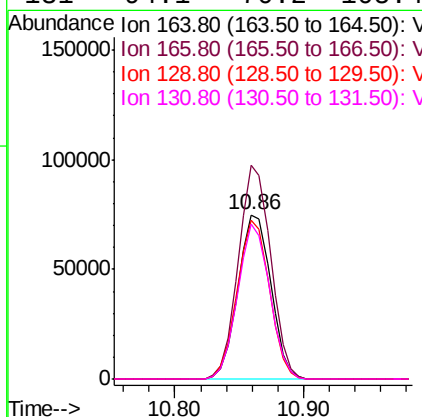
Manual Integrations  
APPROVED

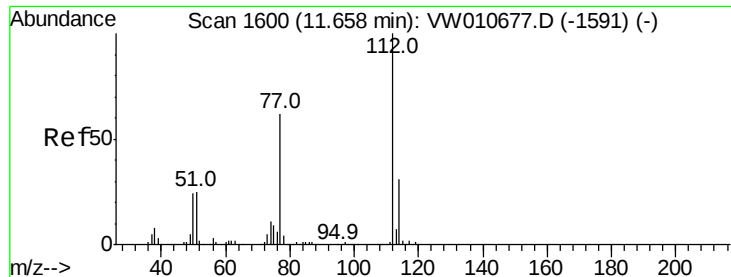
MMDadoda  
6/6/2019 11:51:35 AM



#64  
Tetrachloroethene  
Concen: 51.066 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 132215 |       |       |
| 166     | 130.0 |        | 99.2  | 148.8 |
| 129     | 96.7  |        | 74.6  | 112.0 |
| 131     | 94.1  |        | 70.2  | 105.4 |





#65

Chlorobenzene

Concen: 51.911 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 398073

Ion Ratio Lower Upper

112 100

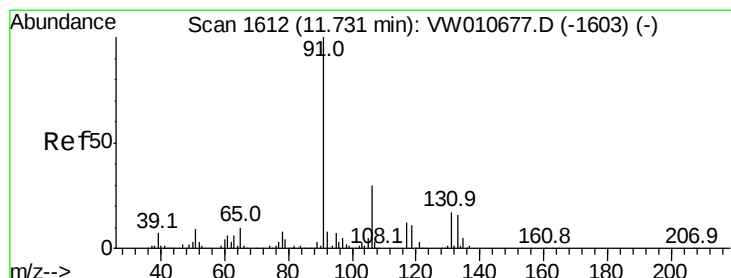
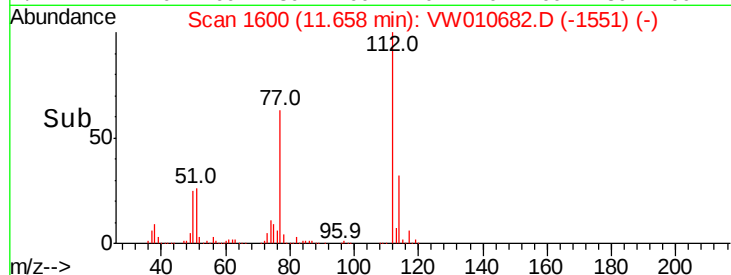
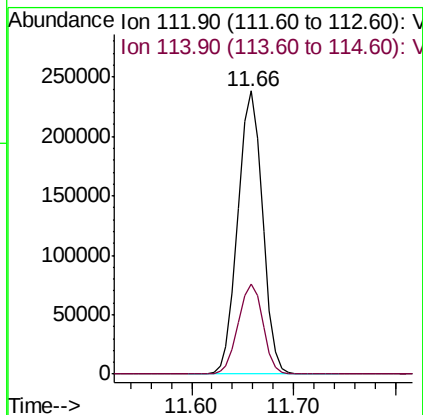
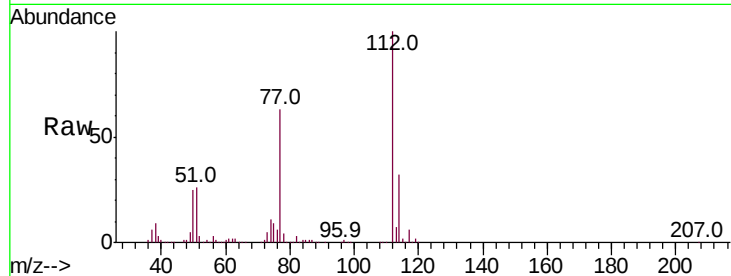
114 32.0 24.8 37.2

Manual Integrations

APPROVED

MMDadoda

6/6/2019 11:51:35 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 52.754 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

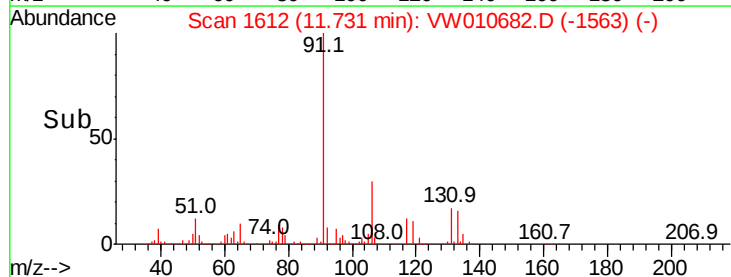
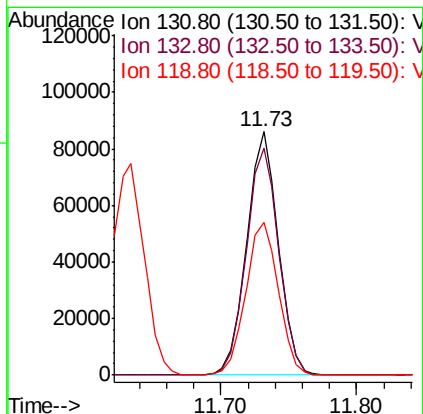
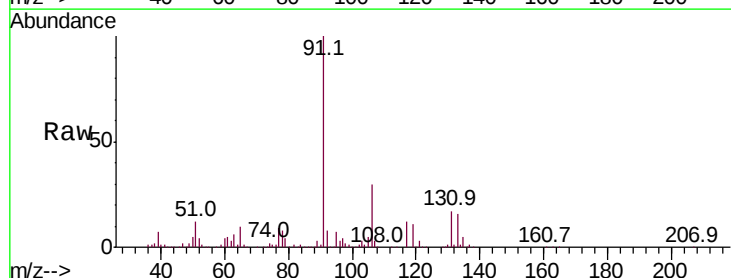
Tgt Ion:131 Resp: 140036

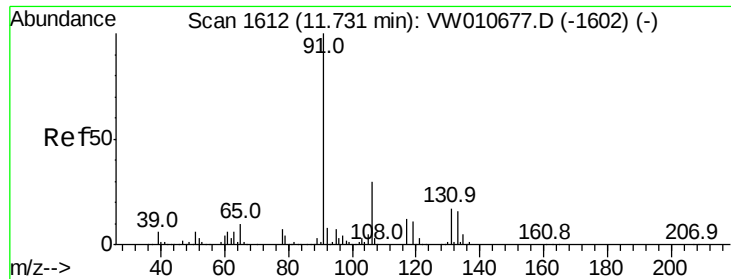
Ion Ratio Lower Upper

131 100

133 96.0 47.3 141.9

119 65.0 32.4 97.0





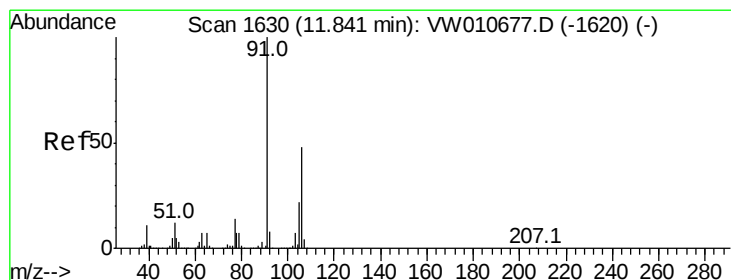
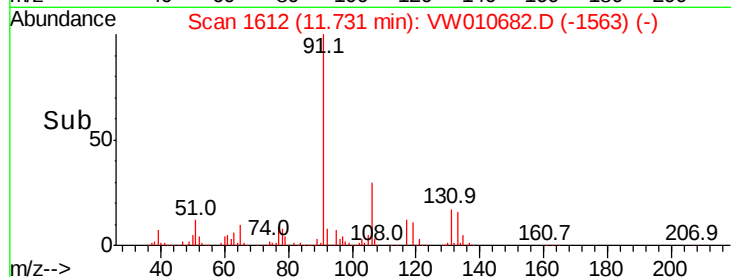
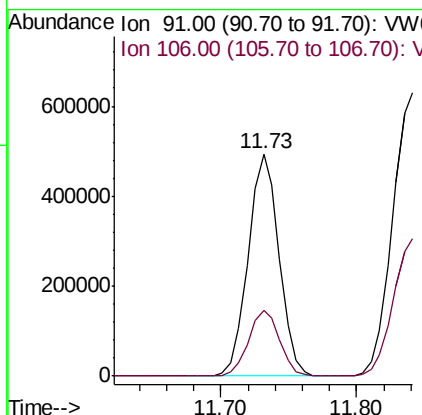
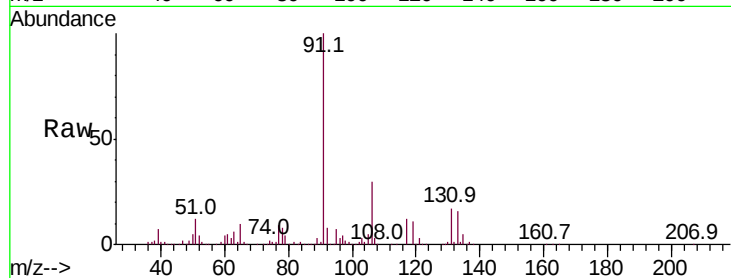
#67  
Ethyl Benzene  
Concen: 53.222 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 784355  
Ion Ratio Lower Upper  
91 100  
106 29.8 24.2 36.4

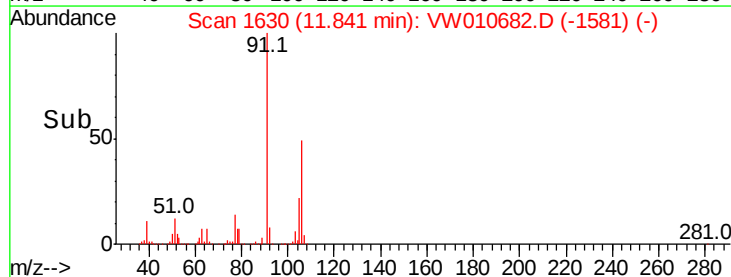
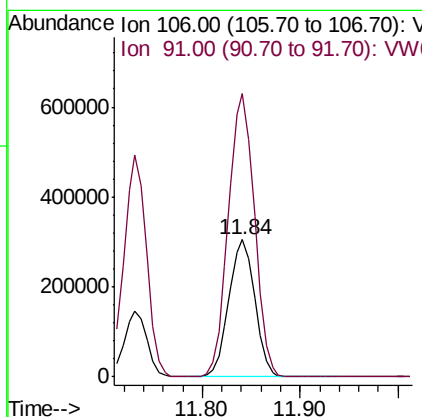
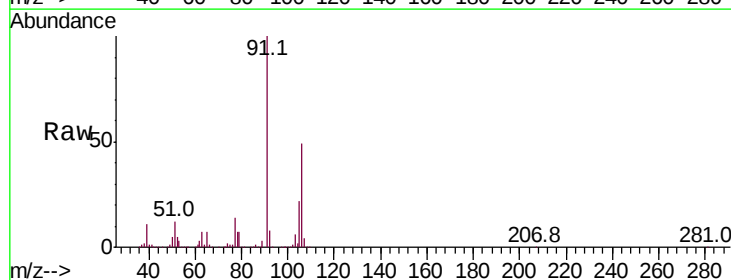
Manual Integrations  
APPROVED

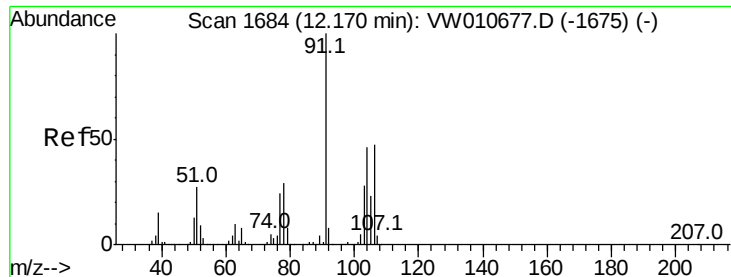
MMDadoda  
6/6/2019 11:51:35 AM



#68  
m/p-Xylenes  
Concen: 106.534 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Tgt Ion: 106 Resp: 562035  
Ion Ratio Lower Upper  
106 100  
91 208.2 166.5 249.7





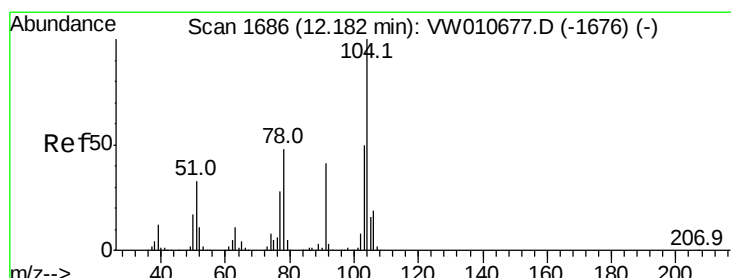
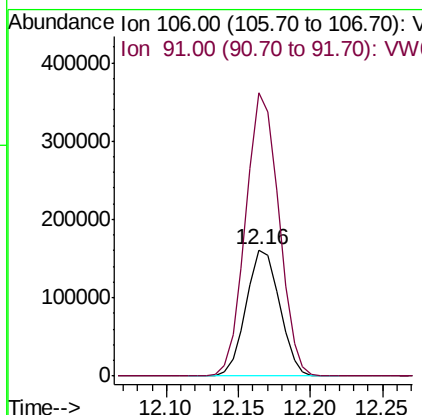
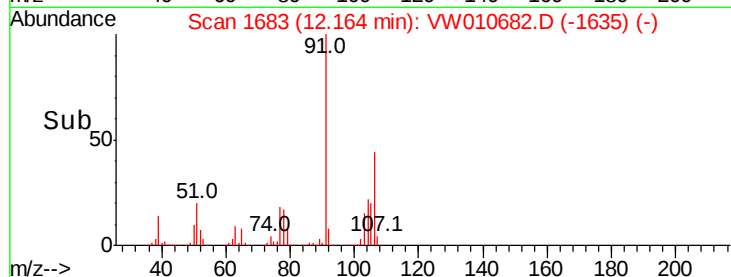
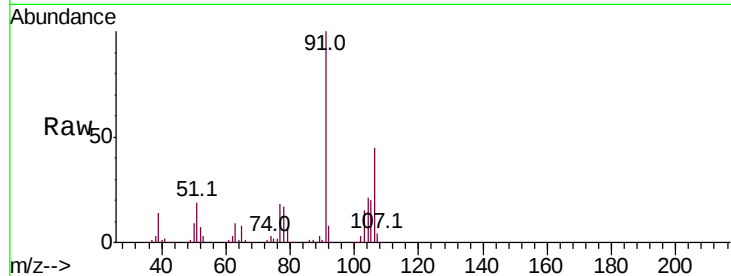
#69  
o-Xylene  
Concen: 52.046 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. -0.01 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 222.2 | 108.9 | 326.6 |

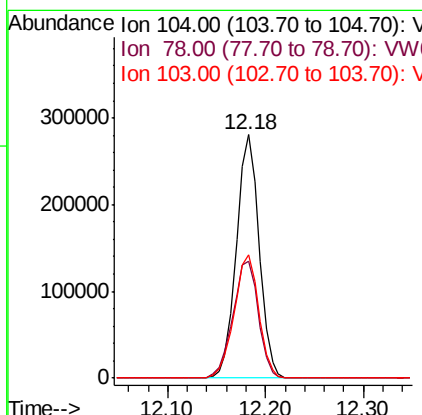
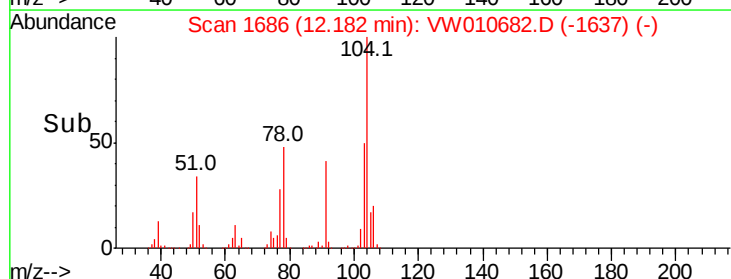
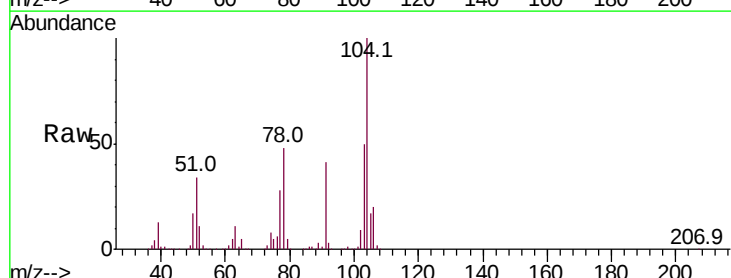
Manual Integrations  
APPROVED

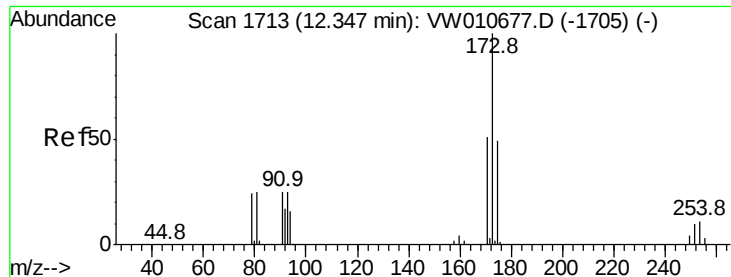
MMDadoda  
6/6/2019 11:51:35 AM



#70  
Styrene  
Concen: 52.070 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 54.1  | 42.7  | 64.1  |
| 103     | 54.6  | 43.6  | 65.4  |





#71

Bromoform

Concen: 51.748 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

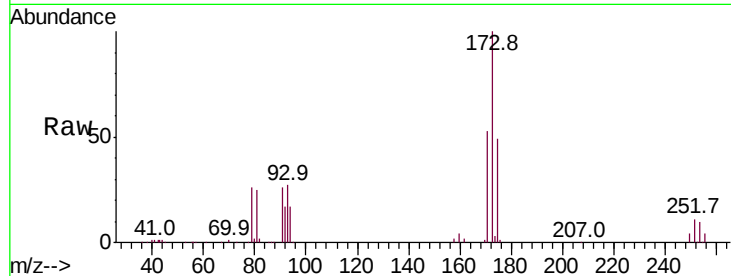
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.2  | 24.3  | 72.8  |
| 254     | 0.1   | 0.1   | 0.1   |

Manual Integrations  
APPROVED

MMDadoda  
6/6/2019 11:51:35 AM

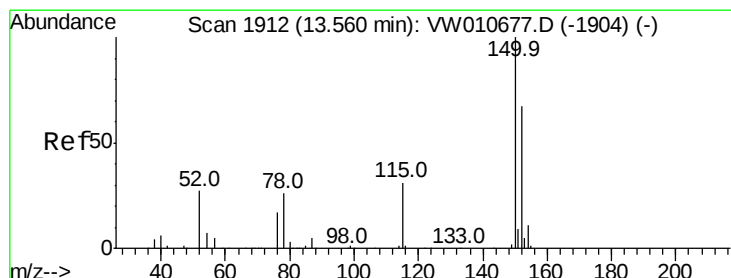
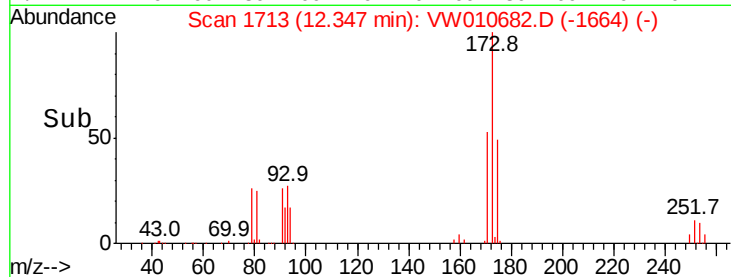
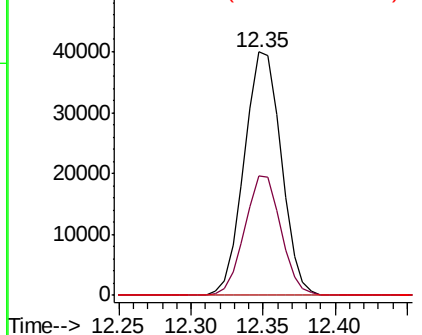


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

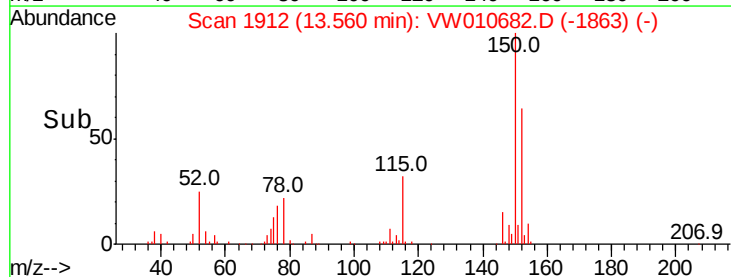
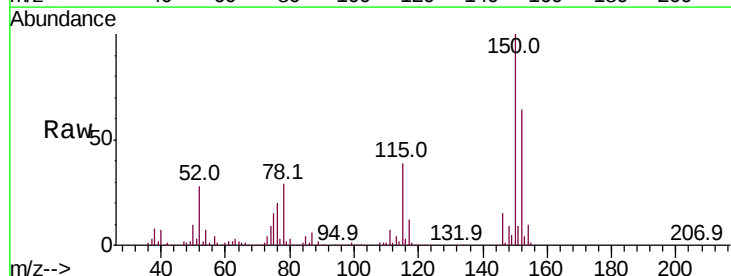
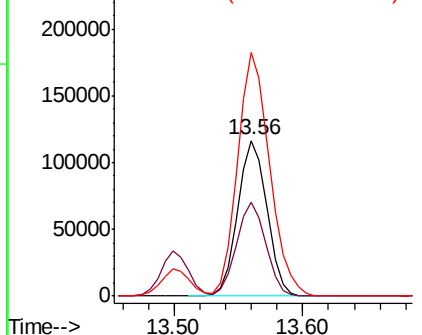
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.3  | 29.8  | 89.3  |
| 150     | 172.4 | 0.0   | 345.0 |

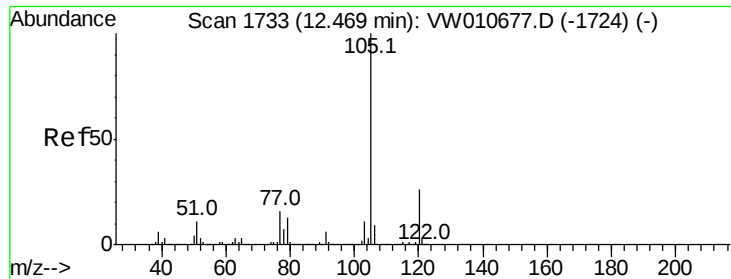
Abundance

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





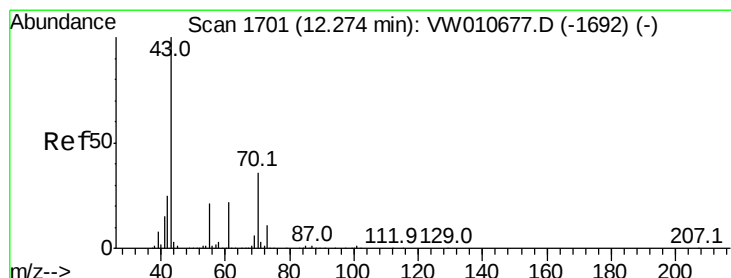
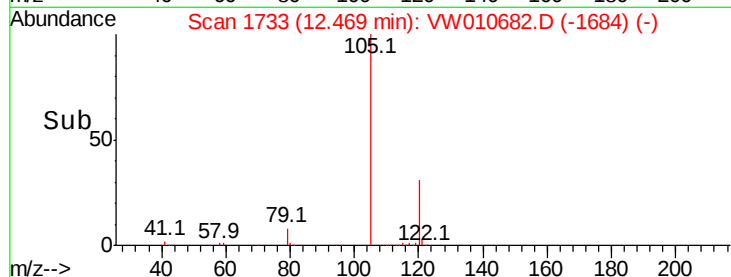
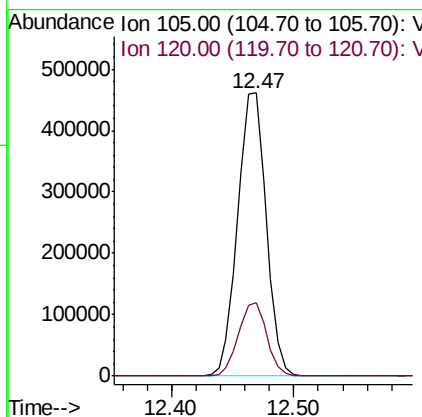
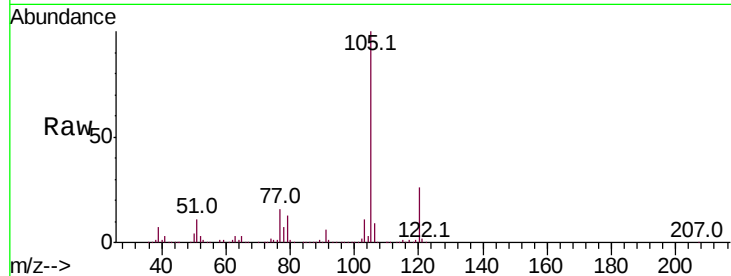
#73  
Isopropylbenzene  
Concen: 54.472 ug/l  
RT: 12.47 min Scan# 1733  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.9  | 13.1  | 39.1  |

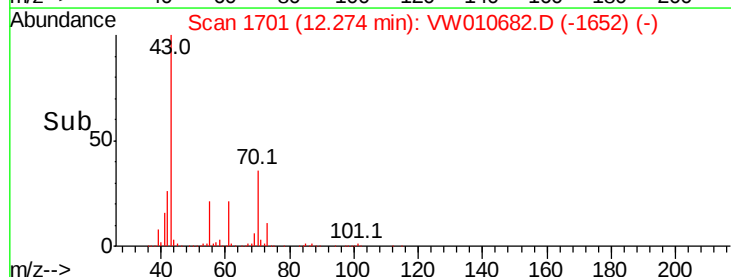
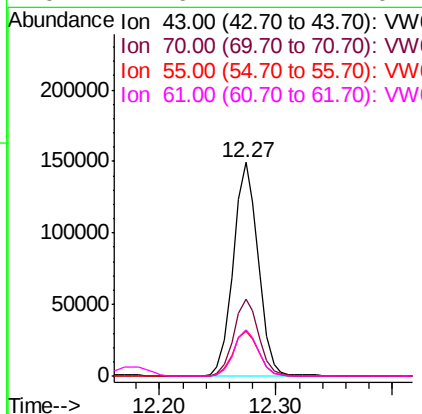
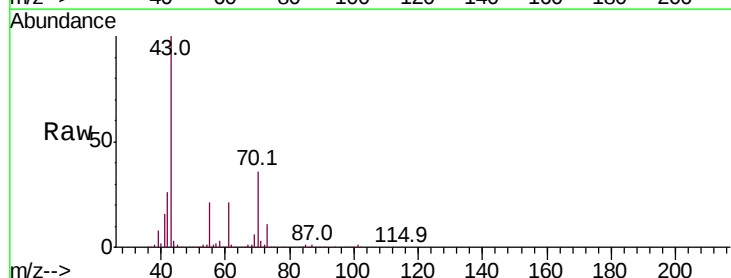
Manual Integrations  
APPROVED

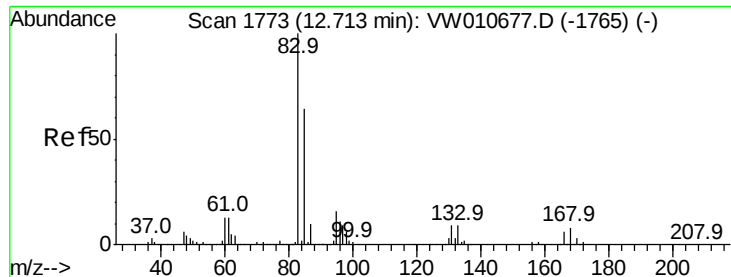
MMDadoda  
6/6/2019 11:51:35 AM



#74  
N-ethyl acetate  
Concen: 50.222 ug/l  
RT: 12.27 min Scan# 1701  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 35.8  | 29.2  | 43.8  |
| 55      | 21.4  | 17.5  | 26.3  |
| 61      | 21.6  | 17.4  | 26.2  |





#75

1,1,2,2-Tetrachloroethane

Concen: 49.486 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

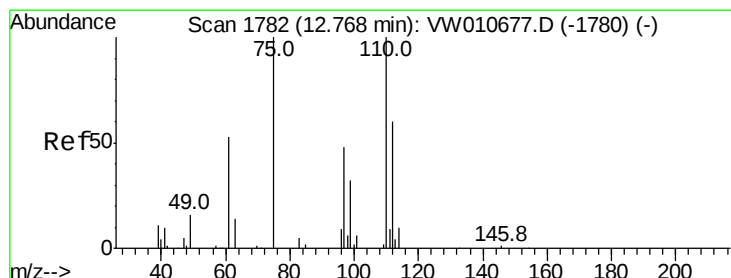
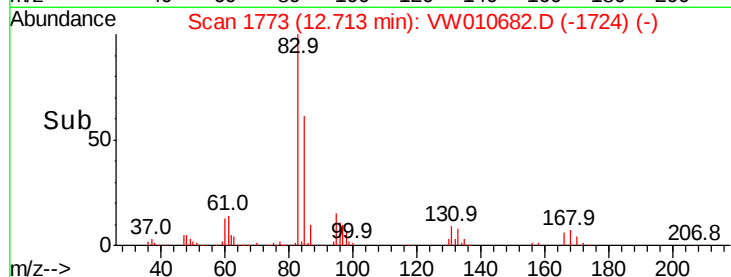
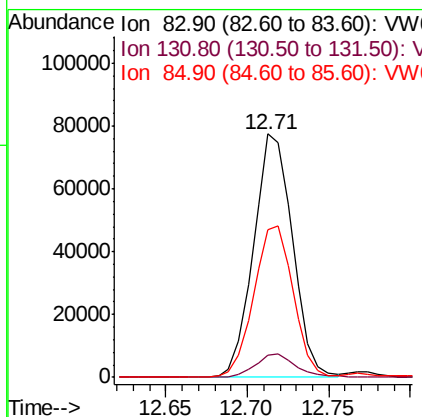
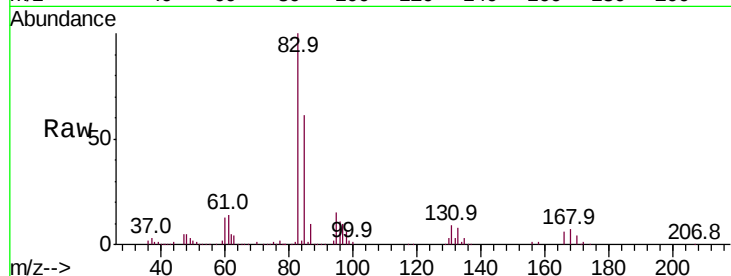
ClientSampled :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 129159 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.1  | 4.9   | 14.7   |
| 85        | 62.9  | 31.9  | 95.9   |

Manual Integrations  
APPROVED

MMDadoda  
6/6/2019 11:51:35 AM



#76

1,2,3-Trichloropropane

Concen: 49.721 ug/l m

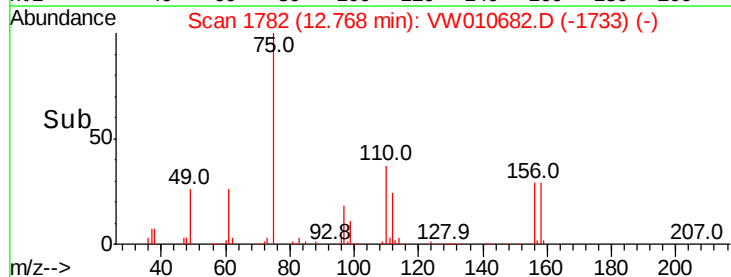
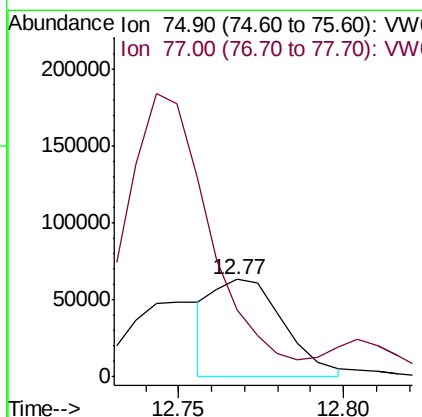
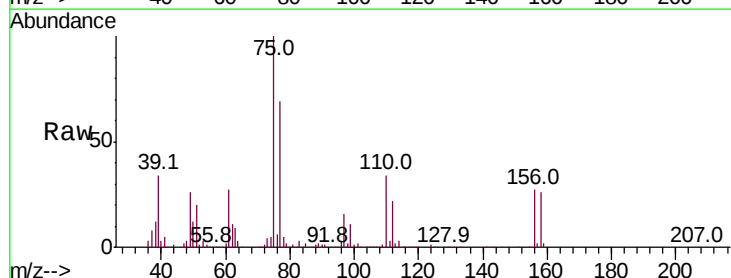
RT: 12.77 min Scan# 1782

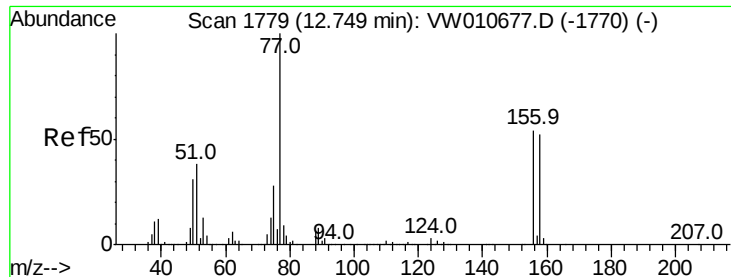
Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 95260 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





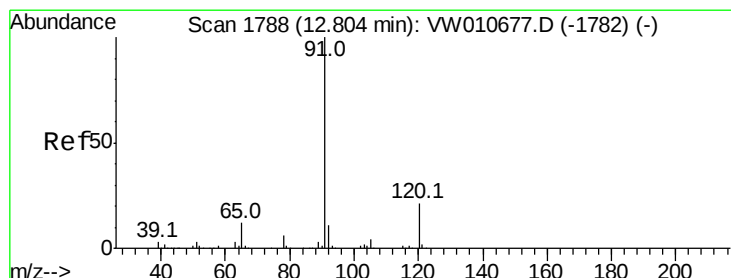
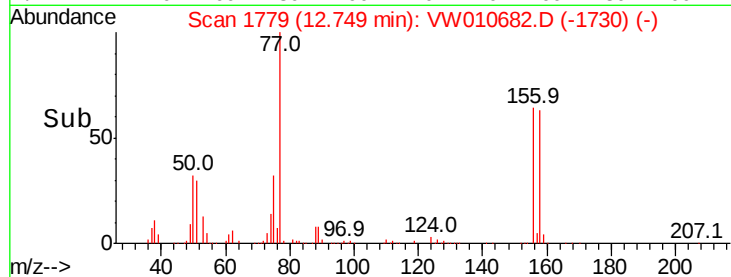
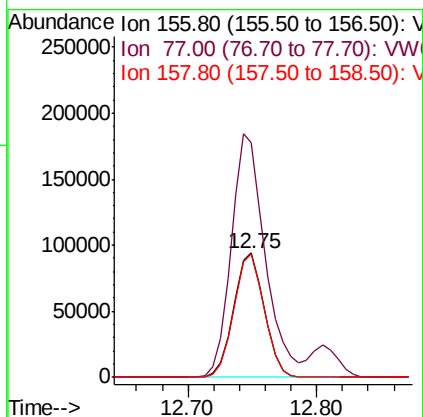
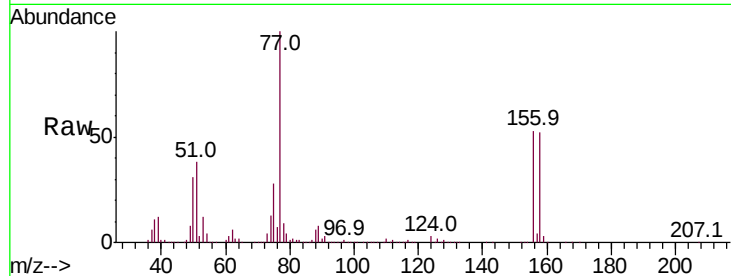
#77  
Bromobenzene  
Concen: 51.829 ug/l  
RT: 12.75 min Scan# 1779  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 216.1 | 106.5 | 319.4 |
| 158     | 98.3  | 48.3  | 144.9 |

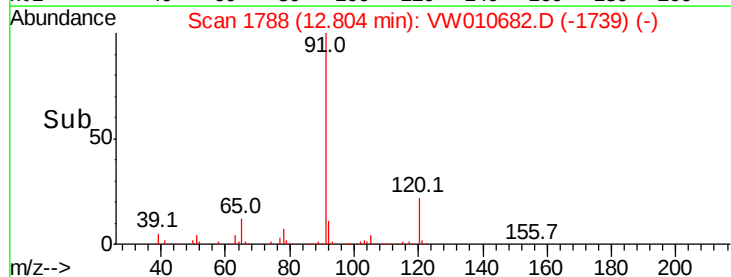
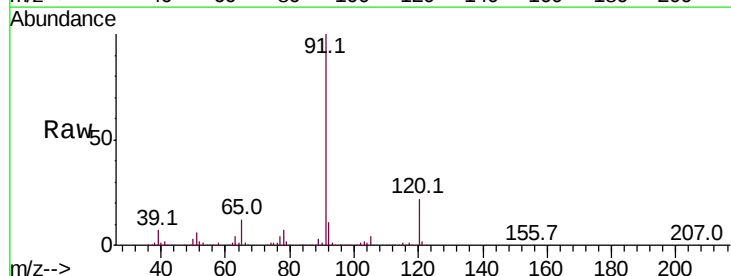
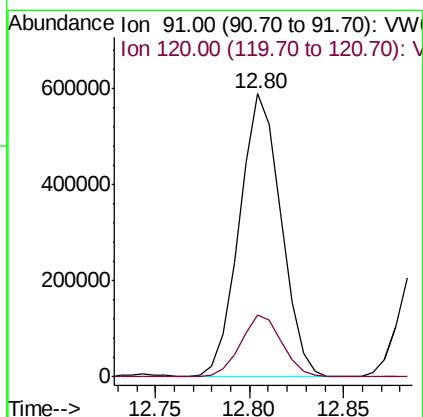
Manual Integrations  
APPROVED

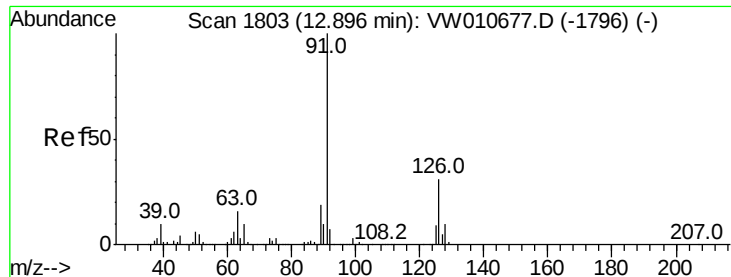
MMDadoda  
6/6/2019 11:51:35 AM



#78  
n-propylbenzene  
Concen: 54.488 ug/l  
RT: 12.80 min Scan# 1788  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 21.5  | 10.8  | 32.4  |





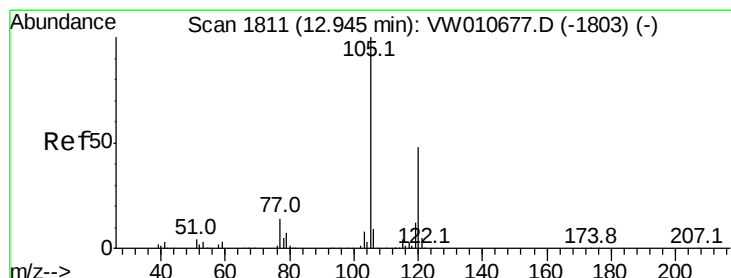
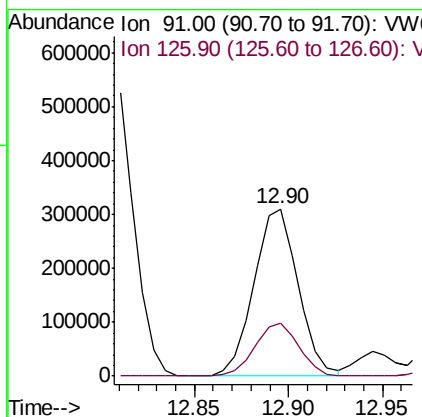
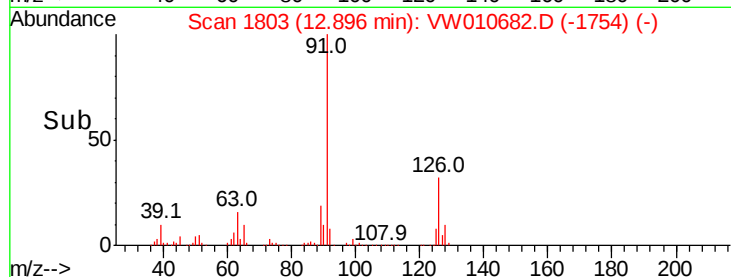
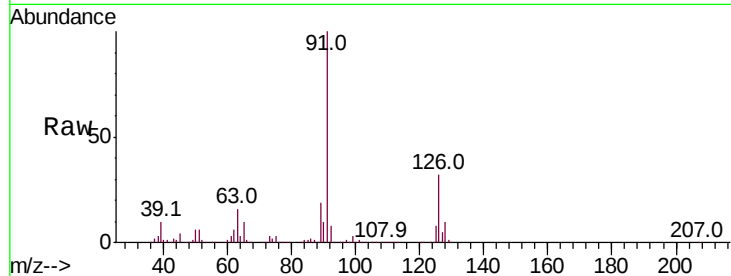
#79  
 2-Chlorotoluene  
 Concen: 53.451 ug/l  
 RT: 12.90 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

Tot Ion: 91 Resp: 504823  
 Ion Ratio Lower Upper  
 91 100  
 126 31.3 15.7 47.0

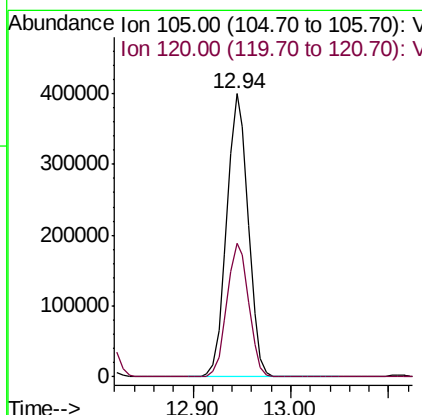
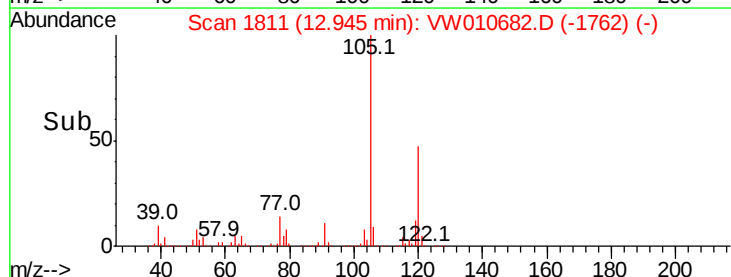
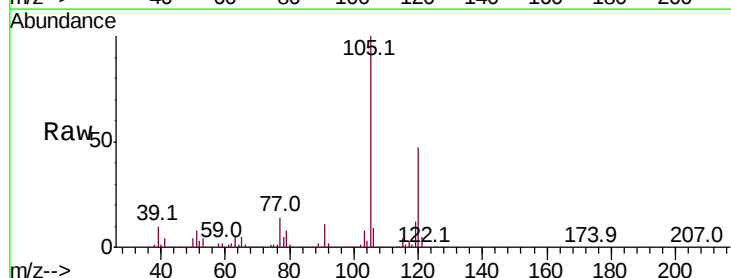
Manual Integrations  
 APPROVED

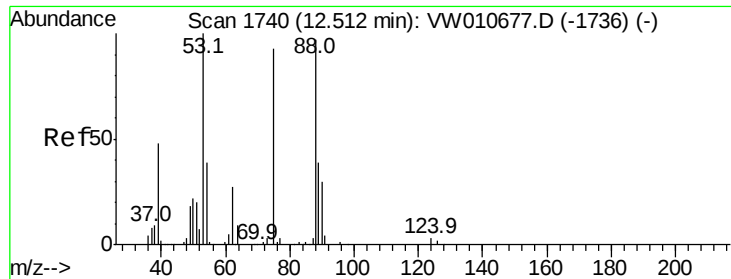
MMDadoda  
 6/6/2019 11:51:35 AM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 54.207 ug/l  
 RT: 12.94 min Scan# 1811  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

Tgt Ion:105 Resp: 608304  
 Ion Ratio Lower Upper  
 105 100  
 120 47.8 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 54.310 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

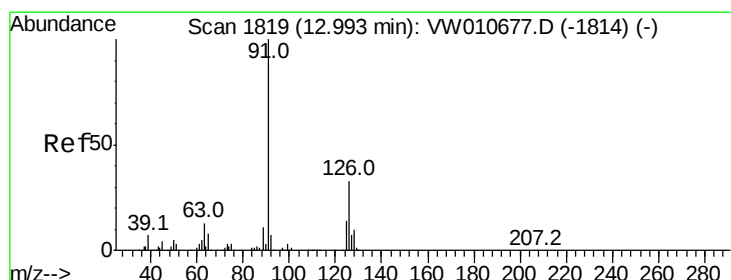
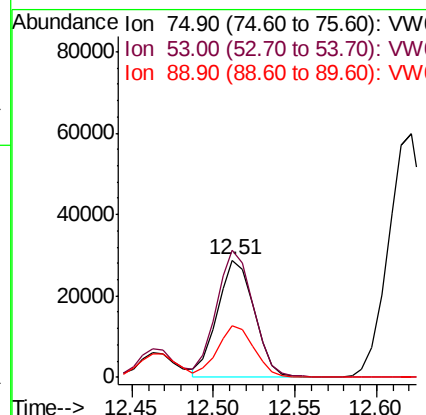
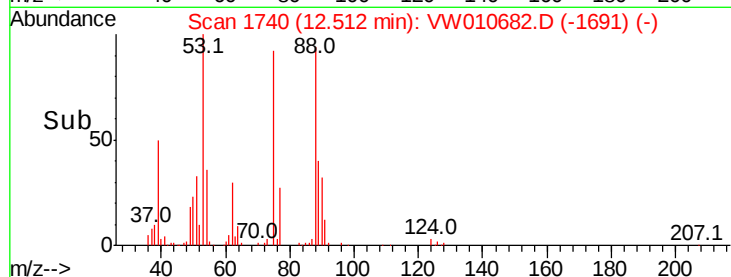
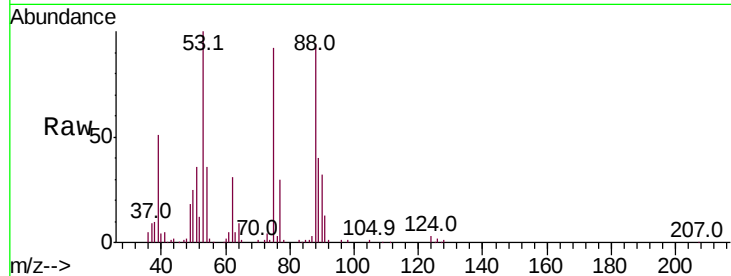
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 45273 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 108.5 | 90.1  | 135.1 |
| 89       | 44.2  | 34.6  | 52.0  |

Manual Integrations  
APPROVED

MMDadoda  
6/6/2019 11:51:35 AM



#82

4-Chlorotoluene

Concen: 53.507 ug/l

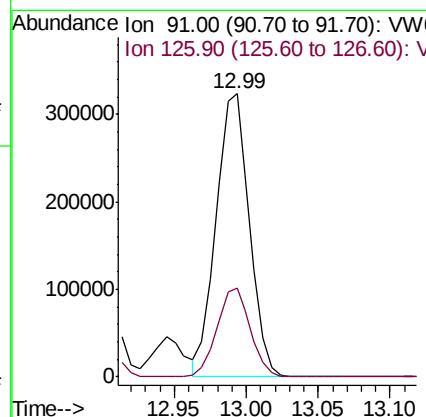
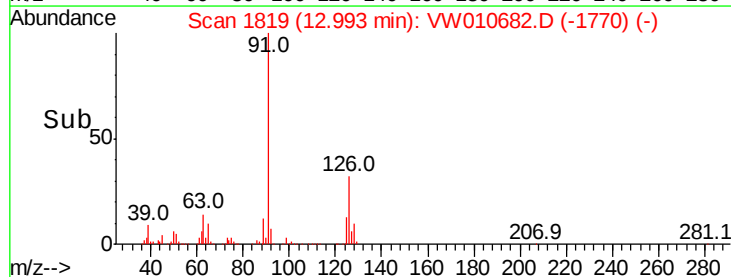
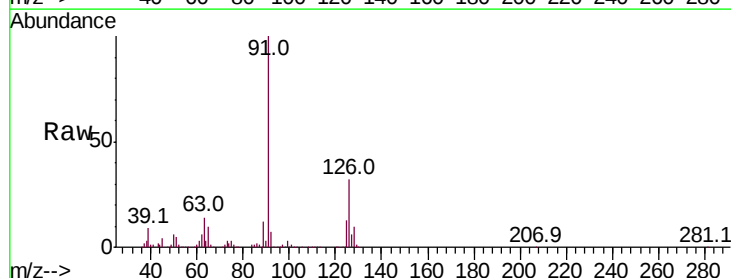
RT: 12.99 min Scan# 1819

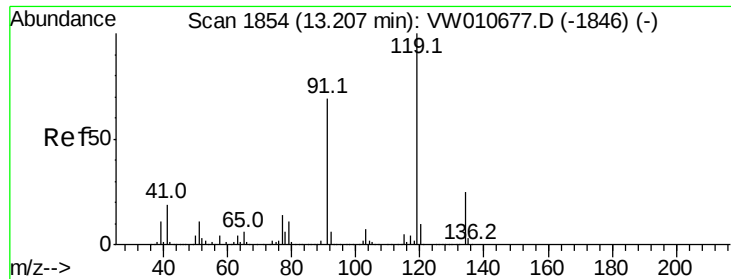
Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 521509 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 31.5  | 15.9  | 47.7   |





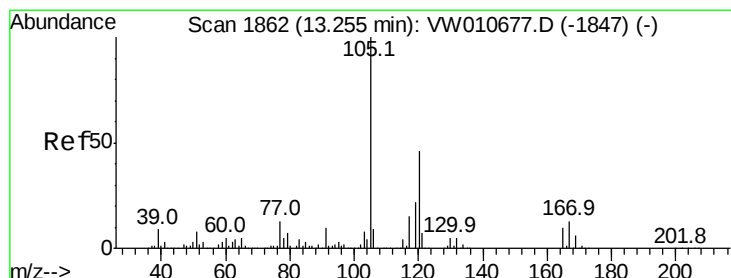
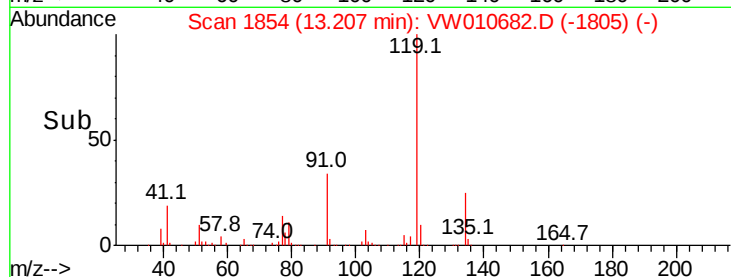
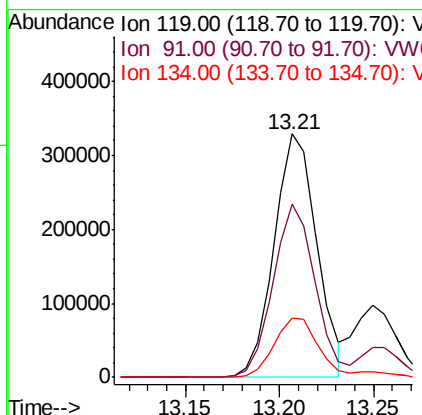
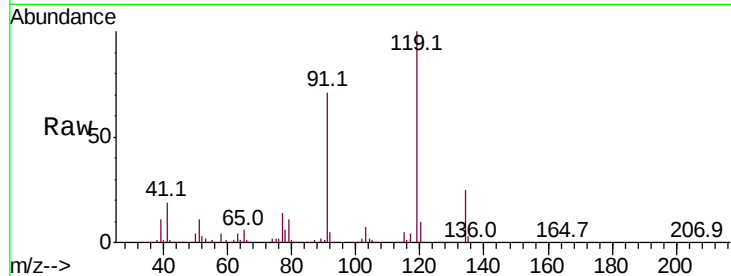
#83  
tert-Butylbenzene  
Concen: 54.451 ug/l  
RT: 13.21 min Scan# 1854  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 70.5  | 35.1  | 105.3 |
| 134     | 27.0  | 13.6  | 40.7  |

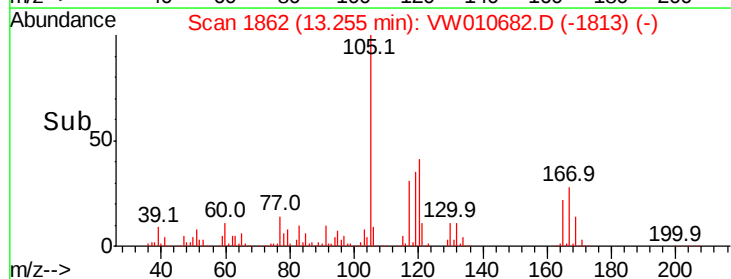
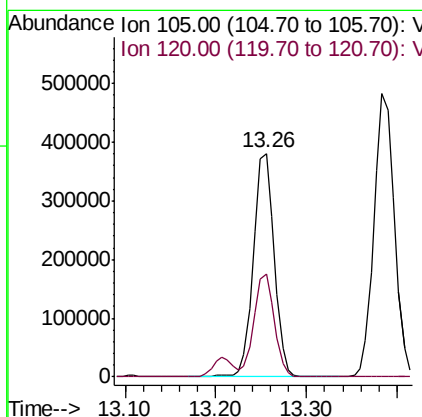
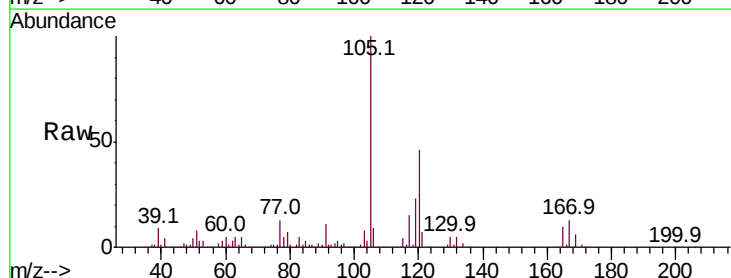
Manual Integrations  
APPROVED

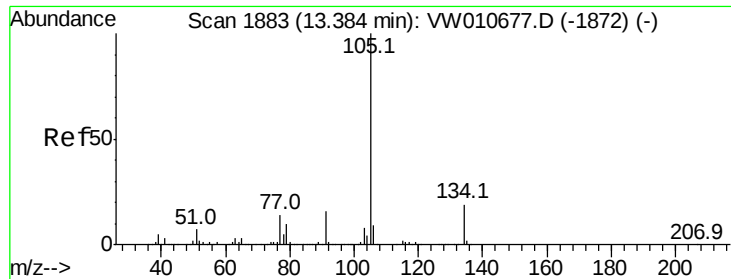
MMDadoda  
6/6/2019 11:51:35 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 53.694 ug/l  
RT: 13.26 min Scan# 1862  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.9  | 22.5  | 67.5  |





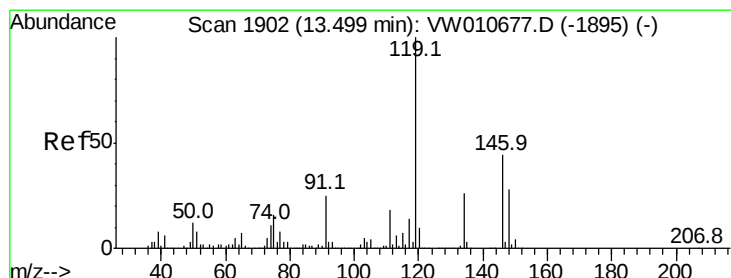
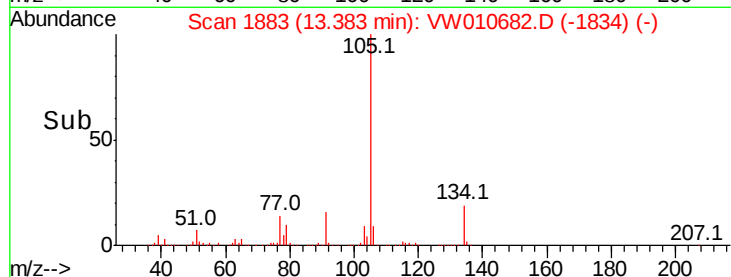
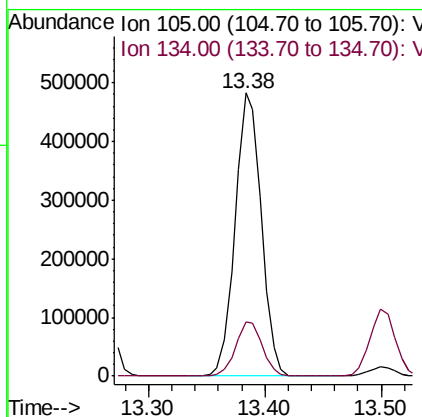
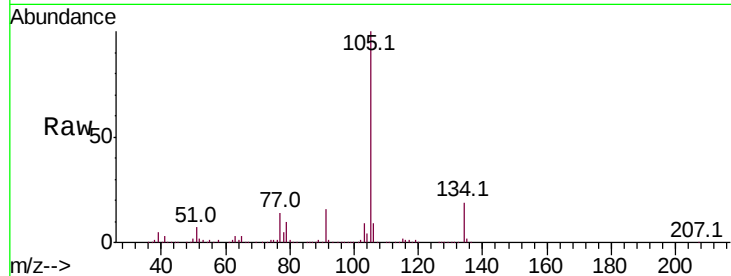
#85  
 sec-Butylbenzene  
 Concen: 54.410 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 754460 |       |       |
| 134     | 19.4  | 9.7    | 28.9  |       |

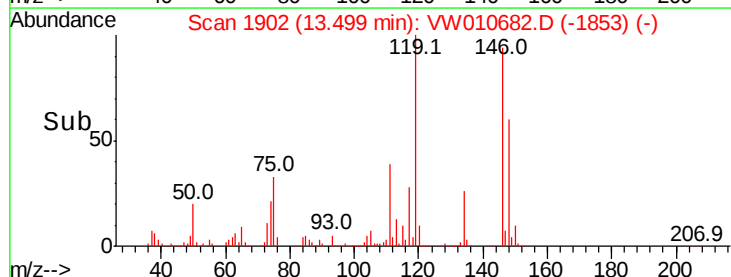
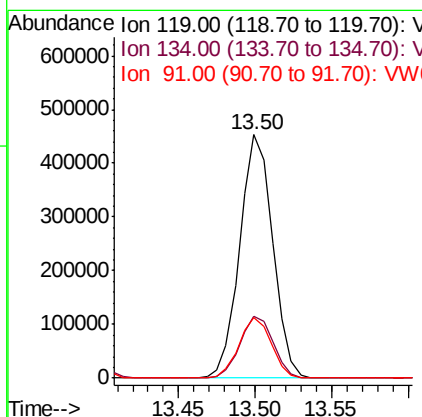
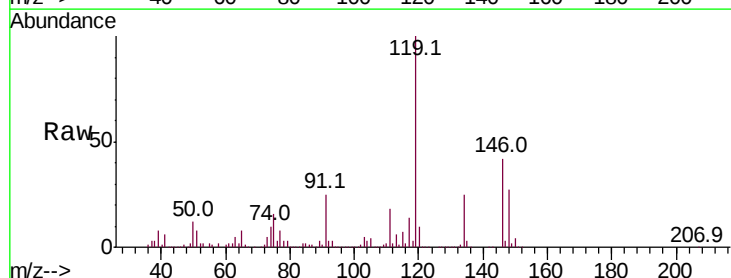
Manual Integrations  
 APPROVED

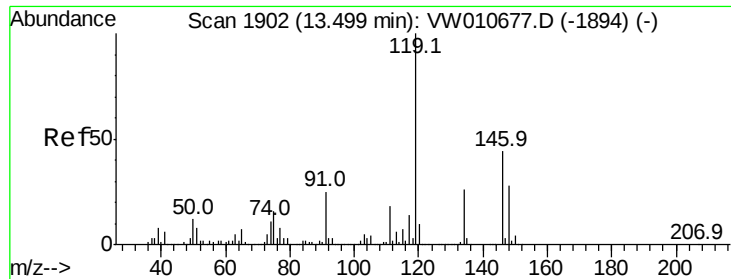
MMDadoda  
 6/6/2019 11:51:35 AM



#86  
 p-Isopropyltoluene  
 Concen: 54.617 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 677243 |       |       |
| 134     | 25.7  | 13.0   | 39.0  |       |
| 91      | 24.4  | 12.2   | 36.4  |       |





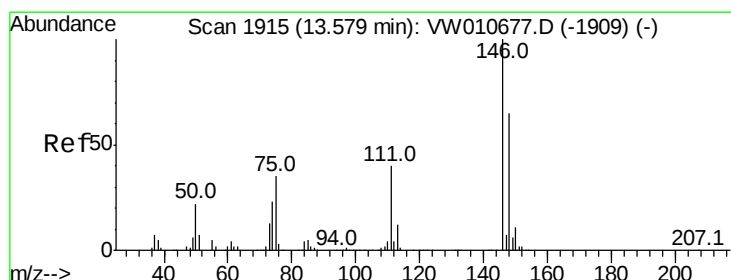
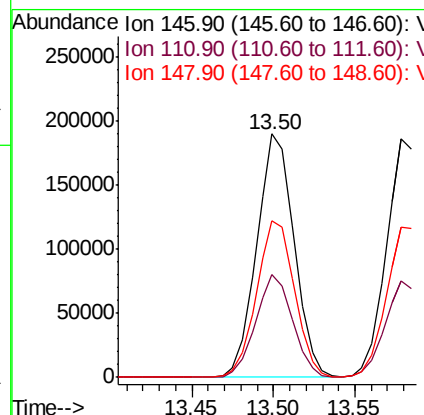
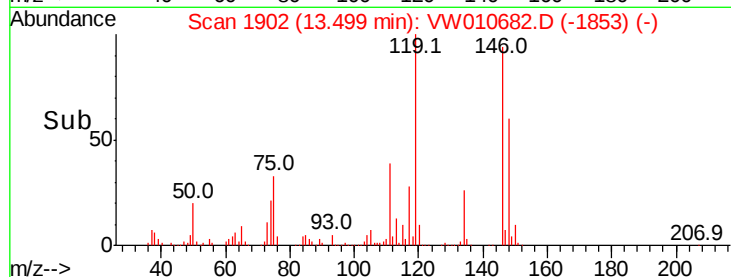
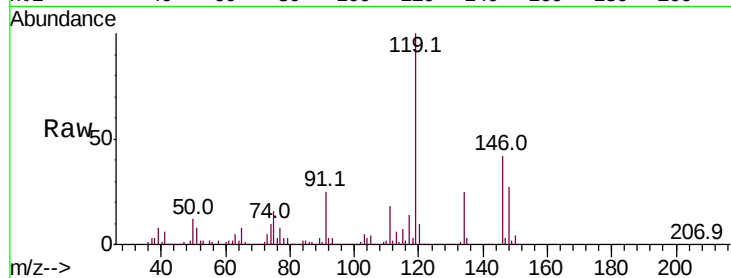
#87  
 1,3-Dichlorobenzene  
 Concen: 52.376 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.4  | 20.4  | 61.3  |
| 148     | 65.2  | 31.5  | 94.5  |

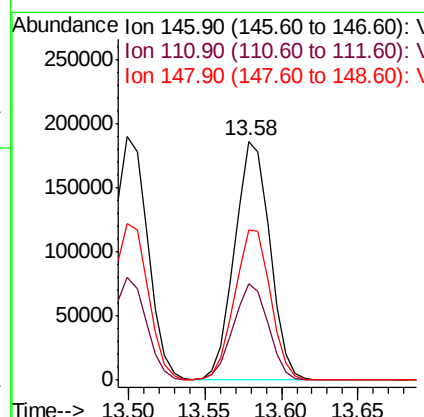
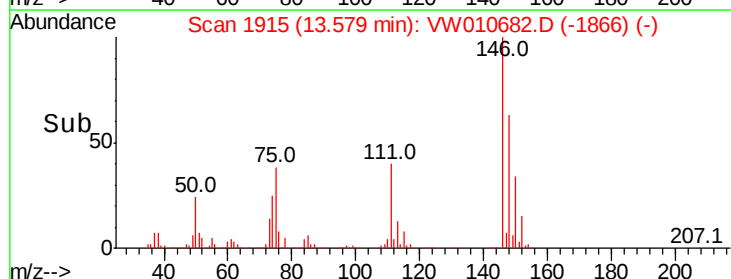
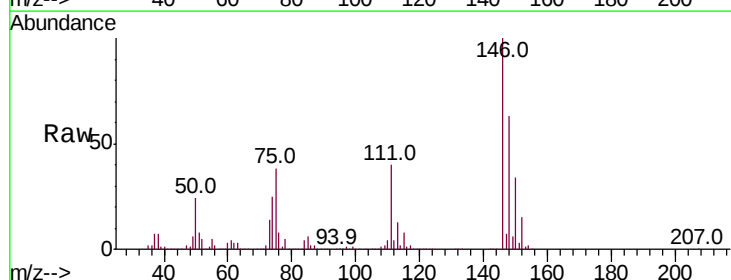
Manual Integrations  
 APPROVED

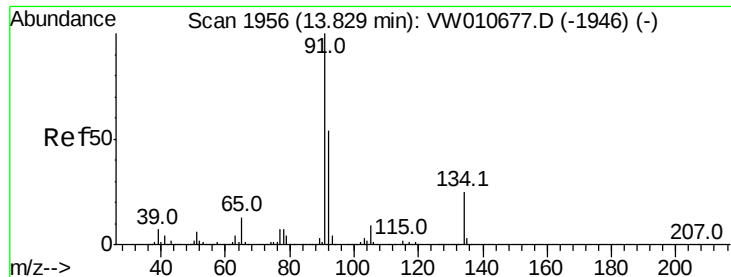
MMDadoda  
 6/6/2019 11:51:35 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 52.135 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.3  | 20.3  | 60.9  |
| 148     | 63.9  | 32.4  | 97.2  |





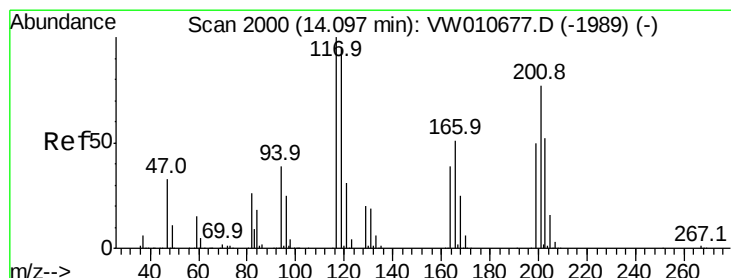
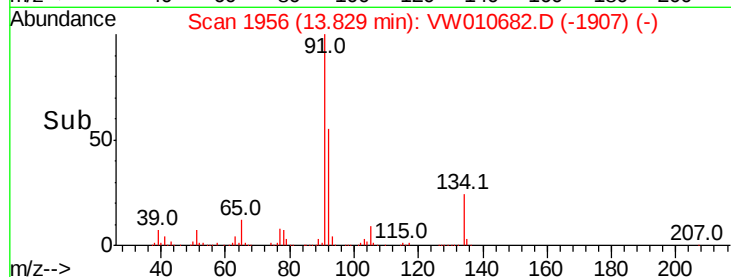
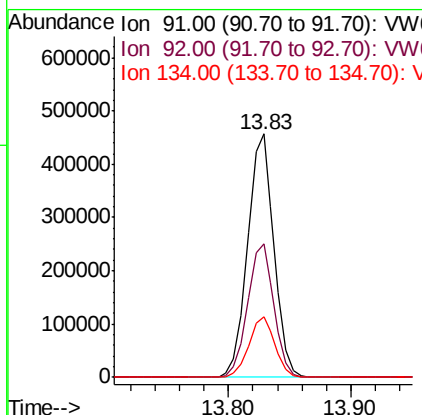
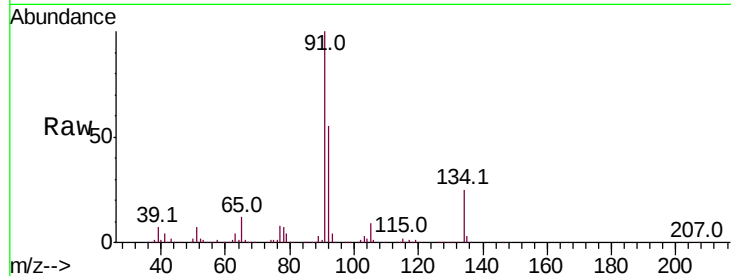
#89  
n-Butylbenzene  
Concen: 55.046 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.8  | 27.3  | 81.8  |
| 134     | 24.5  | 12.3  | 36.9  |

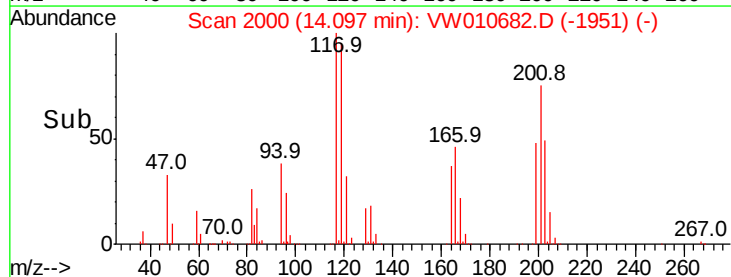
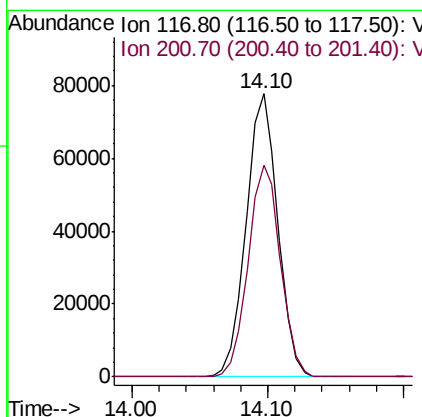
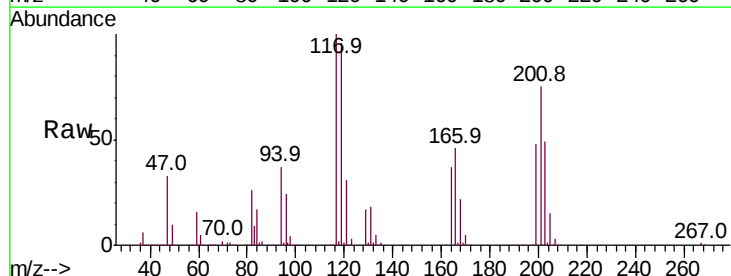
Manual Integrations  
APPROVED

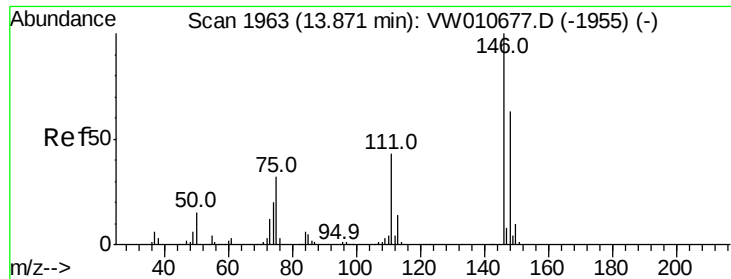
MMDadoda  
6/6/2019 11:51:35 AM



#90  
Hexachloroethane  
Concen: 57.088 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. -0.00 min  
Lab File: VW010682.D  
Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 76.3  | 38.8  | 116.4 |





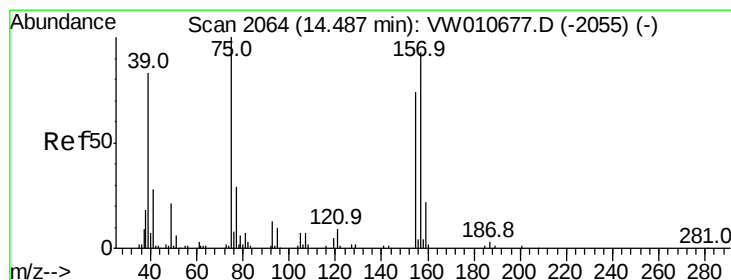
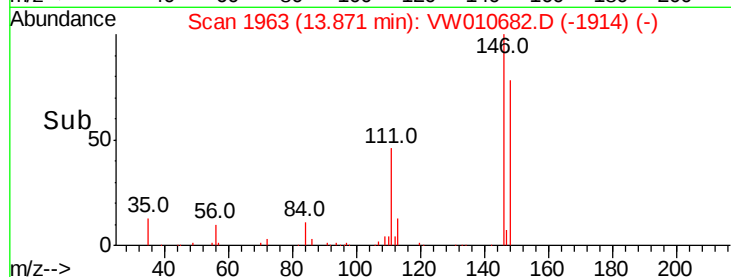
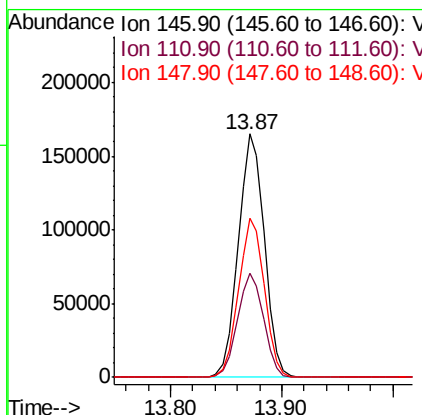
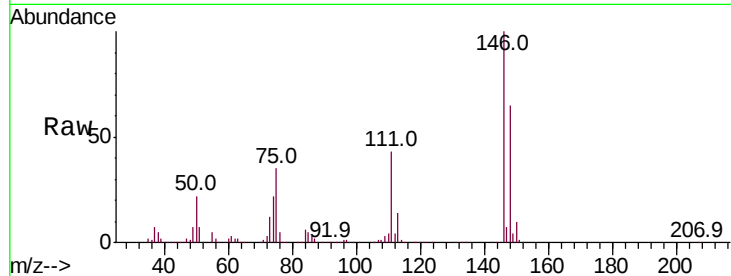
#91  
 1,2-Dichlorobenzene  
 Concen: 51.293 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.8  | 21.5  | 64.5  |
| 148     | 64.6  | 31.9  | 95.5  |

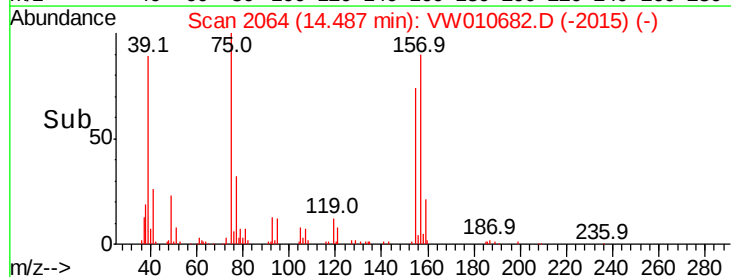
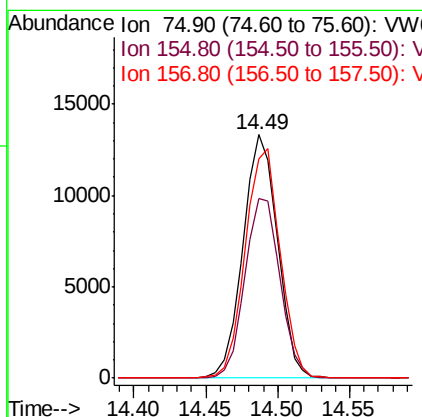
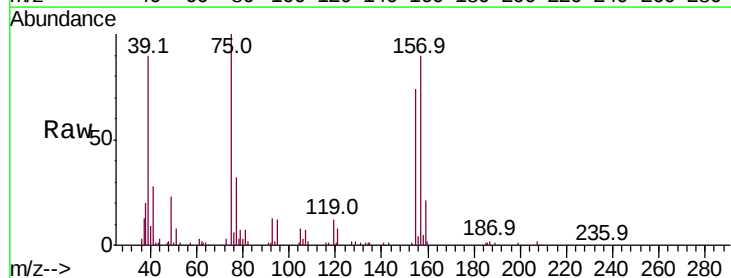
Manual Integrations  
 APPROVED

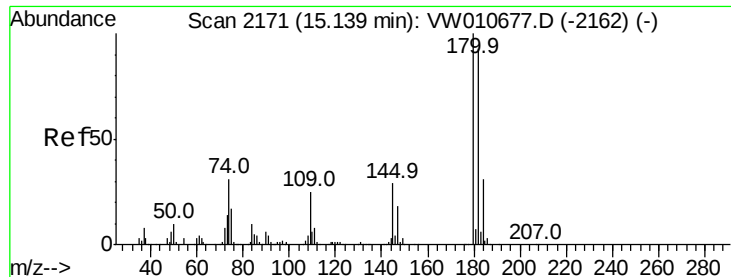
MMDadoda  
 6/6/2019 11:51:35 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.314 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 75.0  | 38.8  | 116.4 |
| 157     | 95.4  | 48.4  | 145.0 |





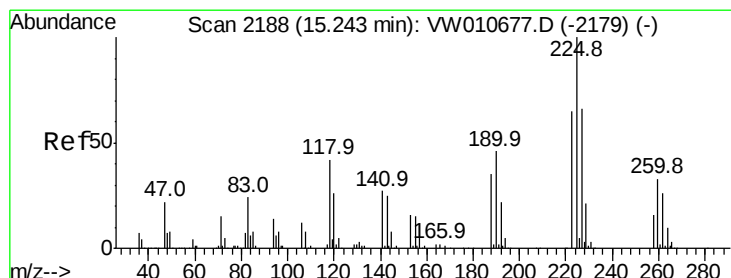
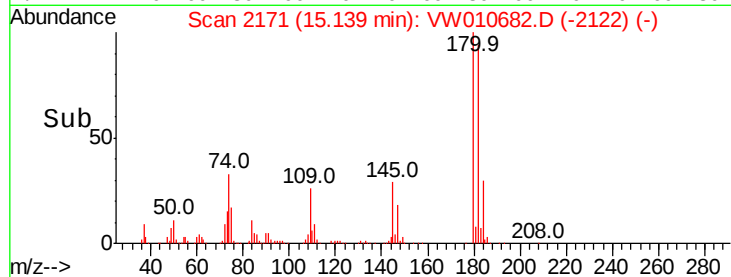
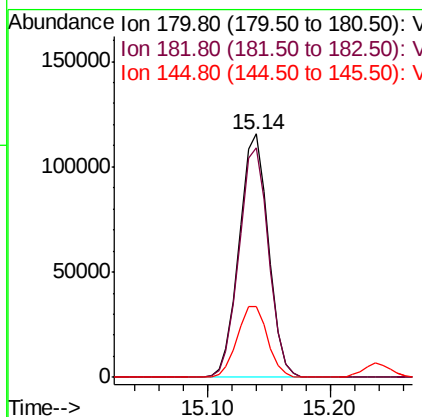
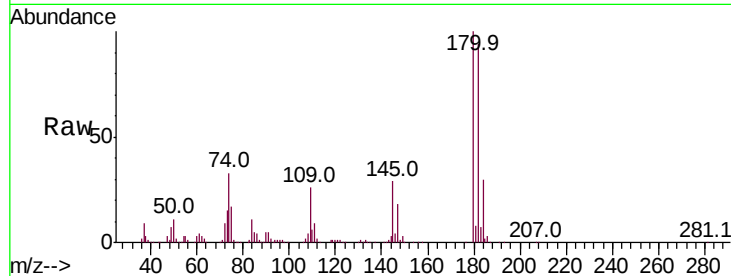
#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.490 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. -0.00 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 191174 |       |       |
| 182     | 95.3  | 47.1   | 141.4 |       |
| 145     | 30.4  | 15.2   | 45.5  |       |

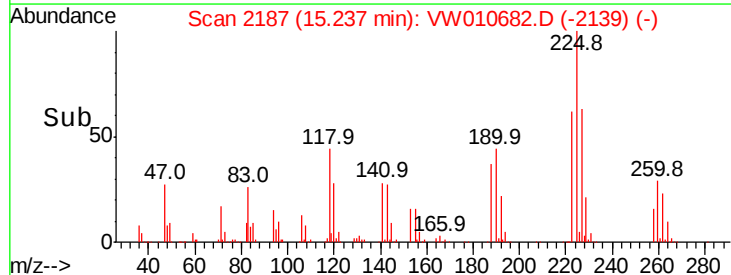
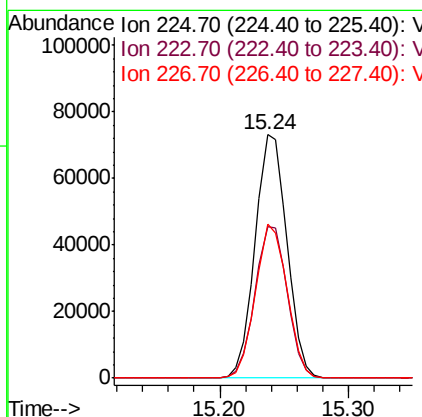
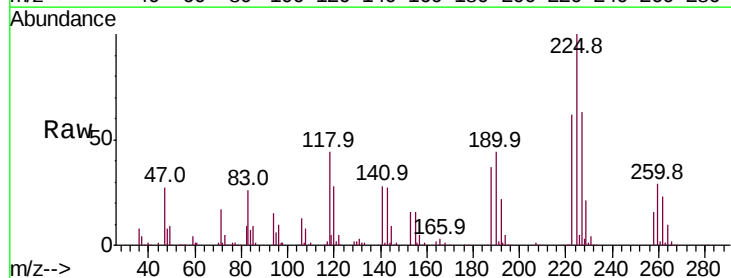
Manual Integrations  
 APPROVED

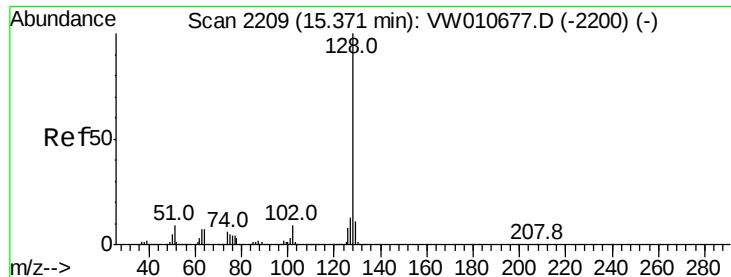
MMDadoda  
 6/6/2019 11:51:35 AM



#94  
 Hexachlorobutadiene  
 Concen: 54.556 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. -0.01 min  
 Lab File: VW010682.D  
 Acq: 05 Jun 2019 10:18

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 124705 |       |       |
| 223     | 63.4  | 32.2   | 96.6  |       |
| 227     | 62.8  | 32.0   | 96.0  |       |





#95

Naphthalene

Concen: 50.660 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

Instrument :

MSVOA\_W

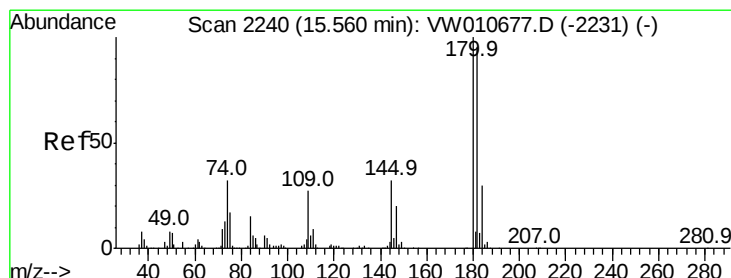
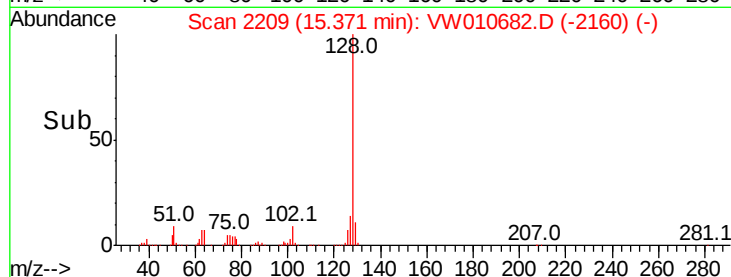
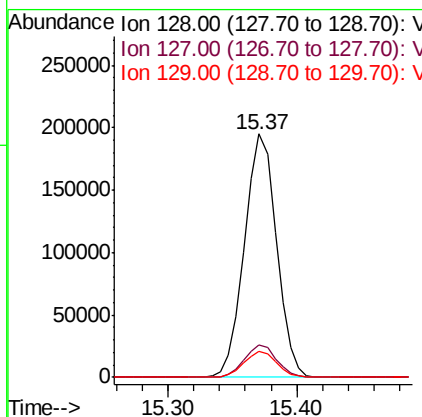
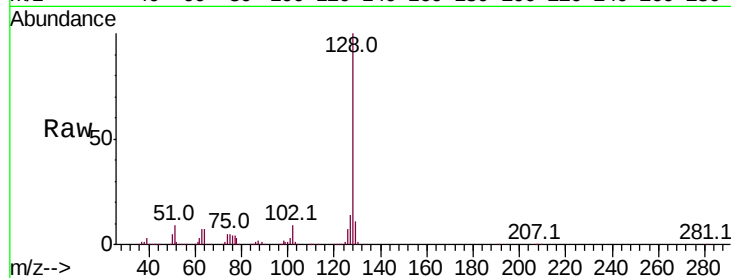
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 335230 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.4  | 10.6  | 15.8   |
| 129       | 10.9  | 8.6   | 13.0   |

Manual Integrations  
APPROVED

MMDadoda  
6/6/2019 11:51:35 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.581 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010682.D

Acq: 05 Jun 2019 10:18

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 162864 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.2  | 47.0  | 141.0  |
| 145       | 32.4  | 16.1  | 48.3   |

