

Data File : VW012684.D  
Acq On : 06 Sep 2019 12:06  
Operator : SY/VA  
Sample : VW0906SBS01  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

Manual Integrations  
APPROVED

MMDadoda  
9/9/2019 4:45:08 AM

Quant Time: Sep 07 05:24:17 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W082319S.M  
Quant Title : SW846 8260  
QLast Update : Mon Aug 26 07:18:31 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 240106   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 355529   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 313850   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 159909   | 50.00 | ug/l  | 0.00     |

#### System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 8.30   | 65  | 133393   | 46.73 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.46% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 105574   | 49.75 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.50% |      |
| 50) Toluene-d8            | 10.32  | 98  | 393786   | 45.76 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 91.52% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 149461   | 49.28 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.56% |      |

#### Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 35892  | 24.277 | ug/l   | 97     |
| 3) Chloromethane              | 2.21 | 50  | 40420  | 17.647 | ug/l   | 96     |
| 4) Vinyl Chloride             | 2.35 | 62  | 46545  | 16.603 | ug/l   | 100    |
| 5) Bromomethane               | 2.77 | 94  | 23126  | 16.288 | ug/l   | 99     |
| 6) Chloroethane               | 2.90 | 64  | 24499  | 15.491 | ug/l   | 95     |
| 7) Trichlorofluoromethane     | 3.23 | 101 | 28814  | 20.469 | ug/l   | 96     |
| 8) Diethyl Ether              | 3.67 | 74  | 24381  | 18.247 | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.04 | 101 | 47719  | 19.943 | ug/l   | 98     |
| 10) Methyl Iodide             | 4.26 | 142 | 57591  | 17.788 | ug/l   | 97     |
| 11) Tert butyl alcohol        | 5.23 | 59  | 13833  | 80.533 | ug/l # | 88     |
| 12) 1,1-Dichloroethene        | 4.02 | 96  | 43960  | 18.253 | ug/l   | 96     |
| 13) Acrolein                  | 3.90 | 56  | 10314  | 63.789 | ug/l   | 97     |
| 14) Allyl chloride            | 4.65 | 41  | 87378  | 16.971 | ug/l   | 95     |
| 15) Acrylonitrile             | 5.37 | 53  | 60817  | 91.828 | ug/l   | 98     |
| 16) Acetone                   | 4.14 | 43  | 59287  | 81.258 | ug/l   | 95     |
| 17) Carbon Disulfide          | 4.37 | 76  | 90477  | 12.431 | ug/l   | 99     |
| 18) Methyl Acetate            | 4.67 | 43  | 31902  | 17.654 | ug/l   | 96     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73  | 81939  | 21.038 | ug/l   | 97     |
| 20) Methylene Chloride        | 4.90 | 84  | 55000  | 19.940 | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 5.40 | 96  | 46687  | 18.077 | ug/l   | 95     |
| 22) Diisopropyl ether         | 6.30 | 45  | 173288 | 18.157 | ug/l   | 96     |
| 23) Vinyl Acetate             | 6.24 | 43  | 503236 | 85.681 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 93360  | 17.966 | ug/l   | 99     |
| 25) 2-Butanone                | 7.17 | 43  | 80917  | 81.614 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 7.16 | 77  | 57041  | 19.394 | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.16 | 96  | 51662  | 18.723 | ug/l   | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 40298  | 17.793 | ug/l   | 92     |
| 29) Tetrahydrofuran           | 7.53 | 42  | 50436  | 84.790 | ug/l   | 97     |
| 30) Chloroform                | 7.67 | 83  | 90630  | 19.063 | ug/l   | 97     |
| 31) Cyclohexane               | 7.95 | 56  | 88600  | 17.234 | ug/l # | 96     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 75283  | 20.017 | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.07 | 75  | 72298  | 19.678 | ug/l   | 100    |
| 37) Ethyl Acetate             | 7.26 | 43  | 37924  | 18.837 | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 69921  | 21.988 | ug/l   | 99     |

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

Manual Integrations  
APPROVED

MMDadoda  
9/9/2019 4:45:08 AM

Quant Time: Sep 07 05:24:17 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W082319S.M  
Quant Title : SW846 8260  
QLast Update : Mon Aug 26 07:18:31 2019  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 78888    | 19.113  | ug/l   | 99       |
| 40) Benzene                    | 8.32  | 78   | 198870   | 19.823  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.48  | 41   | 24531    | 20.731  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 67494    | 21.467  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.42  | 43   | 69668    | 18.682  | ug/l   | 97       |
| 44) Trichloroethene            | 9.09  | 130  | 49463    | 20.282  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 52495    | 19.443  | ug/l   | 95       |
| 46) Dibromomethane             | 9.45  | 93   | 24705    | 20.566  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.64  | 83   | 65391    | 20.453  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.43  | 41   | 32138    | 18.107  | ug/l   | 92       |
| 49) 1,4-Dioxane                | 9.48  | 88   | 6445     | 350.458 | ug/l # | 1        |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 181029   | 95.439  | ug/l   | 99       |
| 52) Toluene                    | 10.38 | 92   | 119939   | 19.901  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 65067    | 19.980  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 76220    | 19.383  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 35801    | 21.064  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.64 | 69   | 48421    | 19.574  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 65102    | 20.269  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.92  | 63   | 131178   | 103.326 | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.97 | 43   | 123446   | 91.979  | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 39606    | 20.921  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.23 | 107  | 31988    | 20.202  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.86 | 164  | 40685    | 19.995  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.65 | 112  | 126271   | 20.432  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 45195    | 20.963  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 241174   | 20.259  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.83 | 106  | 174879   | 40.781  | ug/l   | 98       |
| 69) o-Xylene                   | 12.16 | 106  | 79884    | 20.128  | ug/l   | 98       |
| 70) Styrene                    | 12.18 | 104  | 144647   | 21.056  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 22850    | 21.273  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.46 | 105  | 234987   | 19.611  | ug/l   | 98       |
| 74) N-amyl acetate             | 12.27 | 43   | 65095    | 17.981  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 39934    | 18.179  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 27240m   | 17.491  | ug/l   |          |
| 77) Bromobenzene               | 12.74 | 156  | 49855    | 19.233  | ug/l   | 95       |
| 78) n-propylbenzene            | 12.80 | 91   | 280089   | 19.148  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 160864   | 19.370  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 201637   | 20.139  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 12052    | 16.967  | ug/l   | 90       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 171040   | 19.669  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 175375   | 20.678  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 198266   | 19.713  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.38 | 105  | 243976   | 20.079  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.49 | 119  | 222660   | 20.519  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 102595   | 20.235  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 103215   | 20.502  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.82 | 91   | 213830   | 19.815  | ug/l   | 100      |
| 90) Hexachloroethane           | 14.09 | 117  | 36401    | 19.120  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 91473    | 20.565  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 7215     | 19.483  | ug/l   | 95       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW090619\  
Quantitation Report (QT Reviewed)

Data File : VW012684.D  
Acq On : 06 Sep 2019 12:06  
Operator : SY/VA  
Sample : VW0906SBS01  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

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MMDadoda  
9/9/2019 4:45:08 AM

Quant Time: Sep 07 05:24:17 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W082319S.M  
Quant Title : SW846 8260  
QLast Update : Mon Aug 26 07:18:31 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180  | 64497    | 20.983 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 43398    | 21.382 | ug/l  | 99       |
| 95) Naphthalene            | 15.36 | 128  | 105903   | 20.361 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.55 | 180  | 56452    | 21.050 | ug/l  | 99       |

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

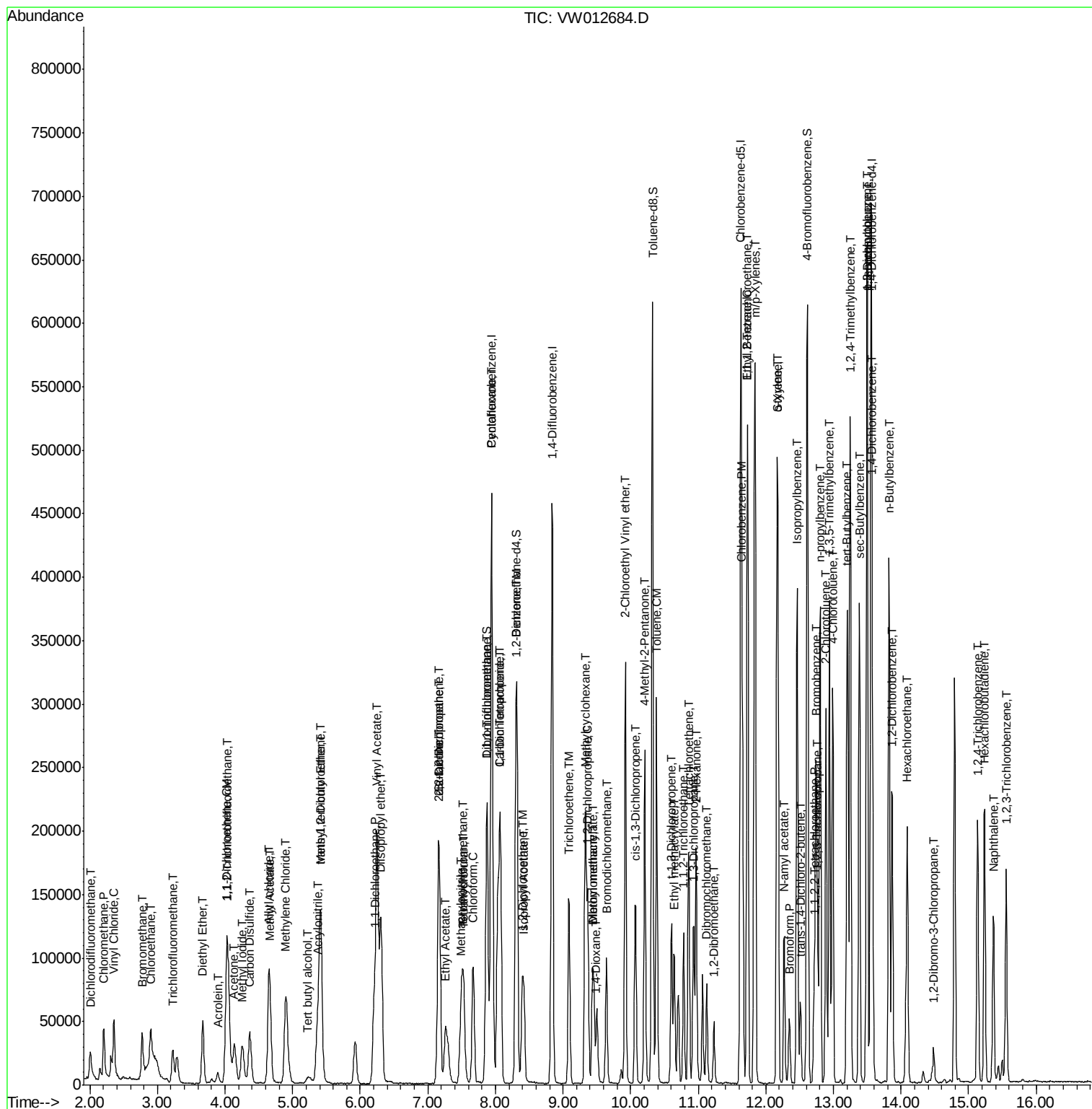
Data File : VW012684.D  
Acq On : 06 Sep 2019 12:06  
Operator : SY/VA  
Sample : VW0906SBS01  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

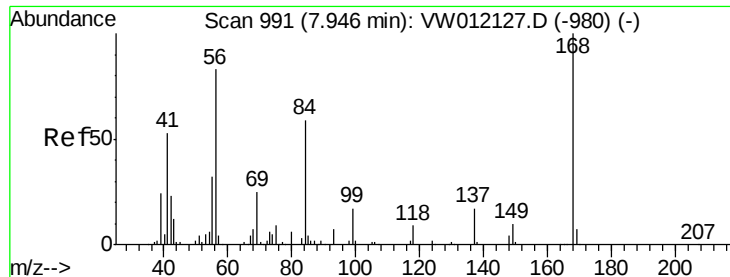
Instrument :  
MSVOA\_W  
Client Sampled :  
VW0906SBS01

Manual Integrations  
APPROVED

MMDadoda  
9/9/2019 4:45:08 AM

Quant Time: Sep 07 05:24:17 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W082319S.M  
Quant Title : SW846 8260  
QLast Update : Mon Aug 26 07:18:31 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0906SBS01

Tgt Ion: 168 Resp: 240106

Ion Ratio Lower Upper

168 100

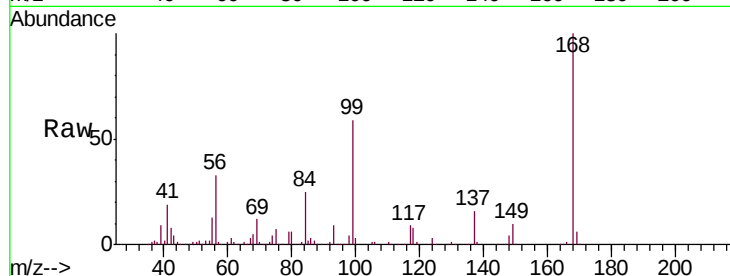
99 58.6 49.2 73.8

Manual Integrations

APPROVED

MMDadoda

9/9/2019 4:45:08 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

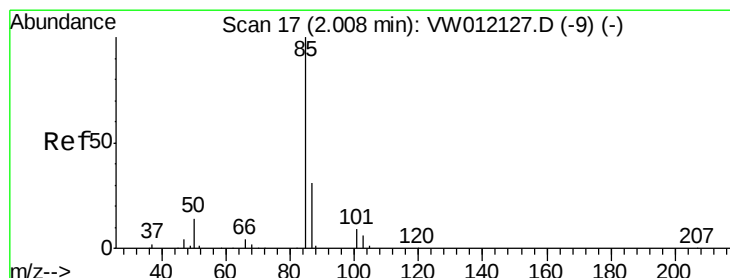
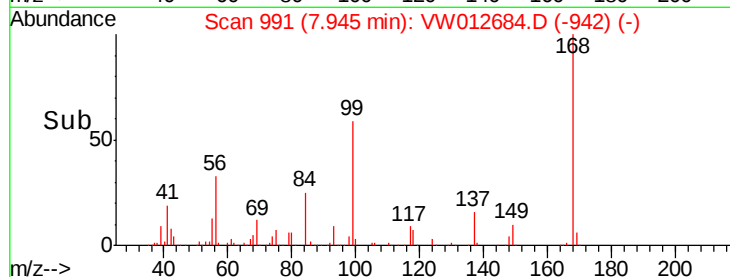
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 24.277 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012684.D

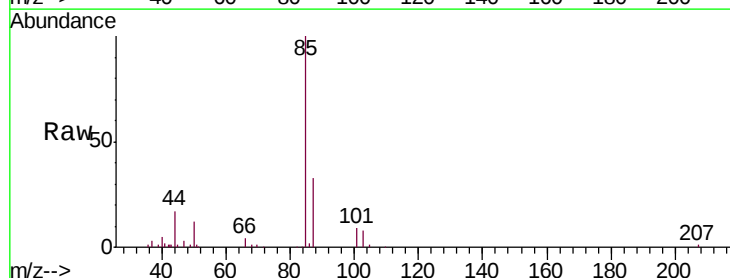
Acq: 06 Sep 2019 12:06

Tgt Ion: 85 Resp: 35892

Ion Ratio Lower Upper

85 100

87 33.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

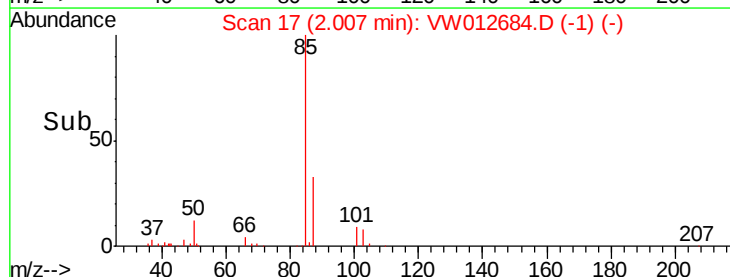
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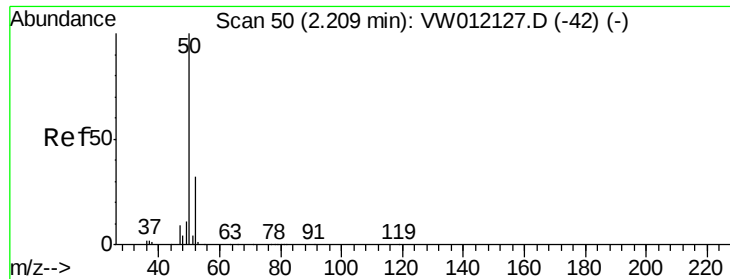
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 17.647 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0906SBS01

Tgt Ion: 50 Resp: 40420

Ion Ratio Lower Upper

50 100

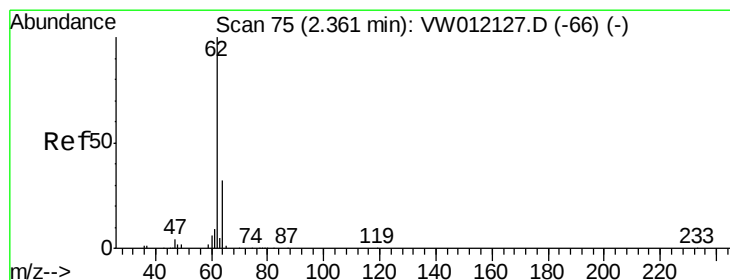
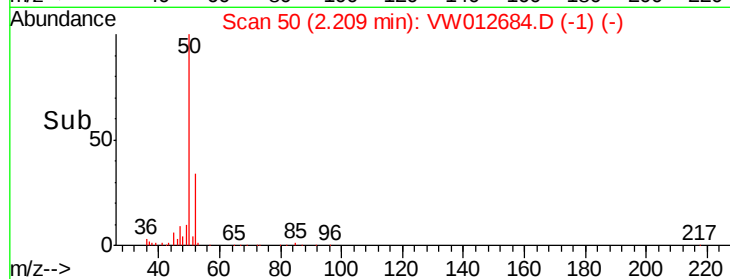
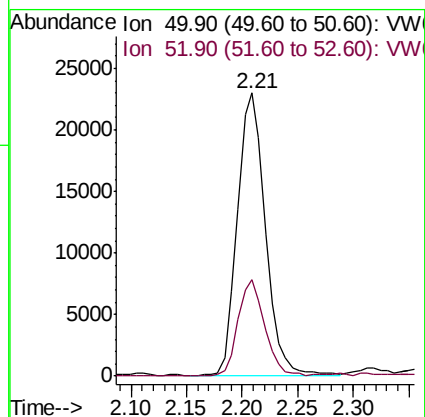
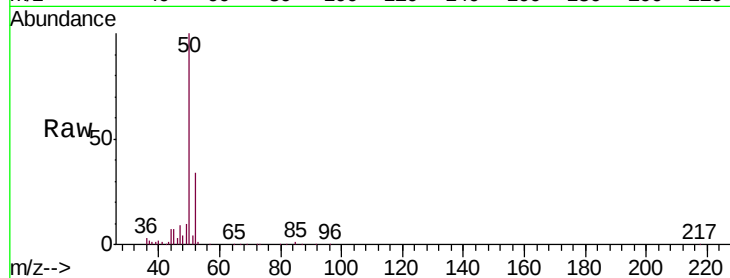
52 34.3 25.5 38.3

Manual Integrations

APPROVED

MMDadoda

9/9/2019 4:45:08 AM



#4

Vinyl Chloride

Concen: 16.603 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012684.D

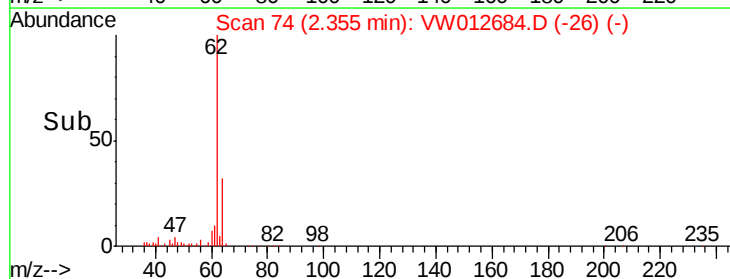
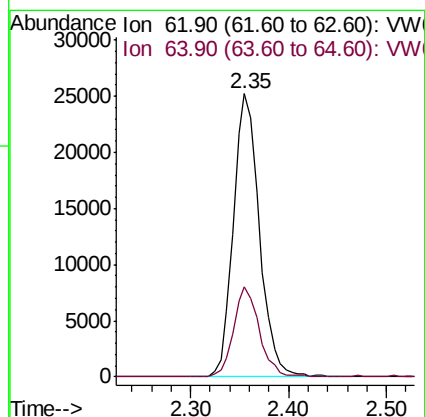
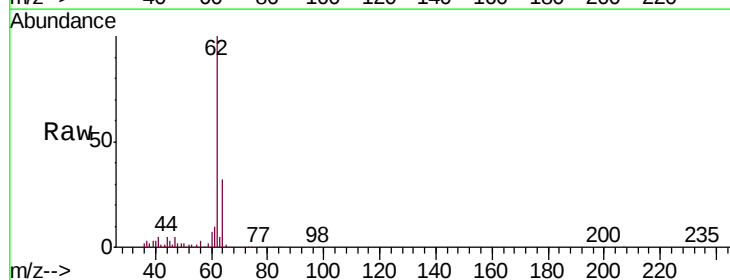
Acq: 06 Sep 2019 12:06

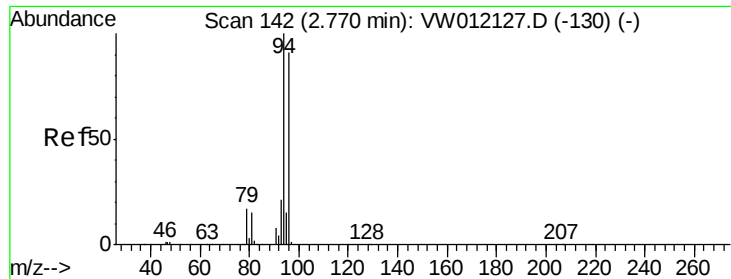
Tgt Ion: 62 Resp: 46545

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 16.288 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0906SBS01

Tgt Ion: 94 Resp: 23126

Ion Ratio Lower Upper

94 100

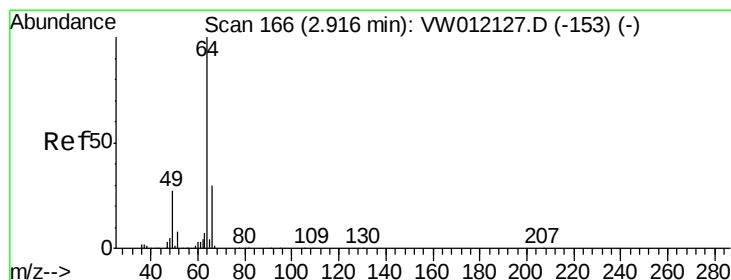
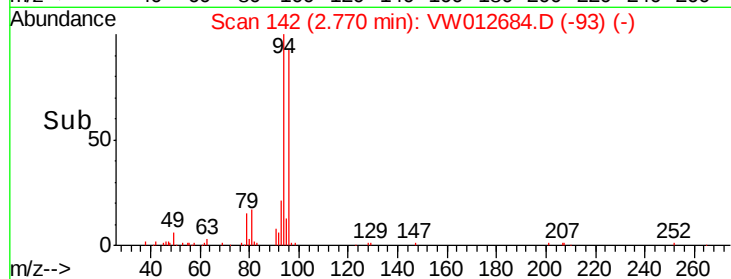
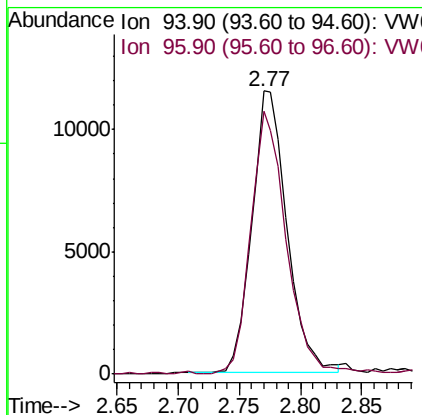
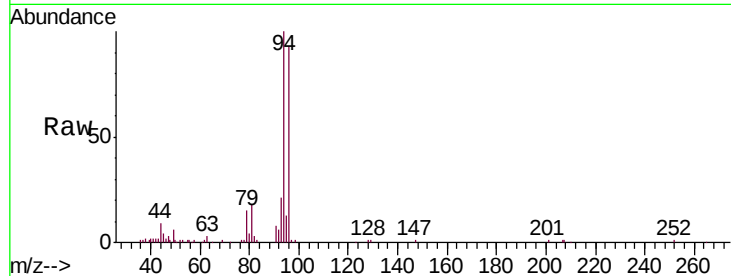
96 92.3 72.9 109.3

Manual Integrations

APPROVED

MMDadoda

9/9/2019 4:45:08 AM



#6

Chloroethane

Concen: 15.491 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012684.D

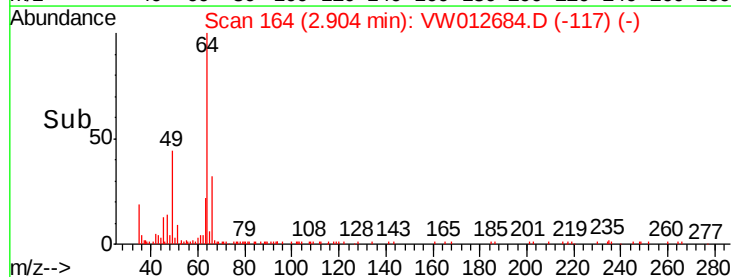
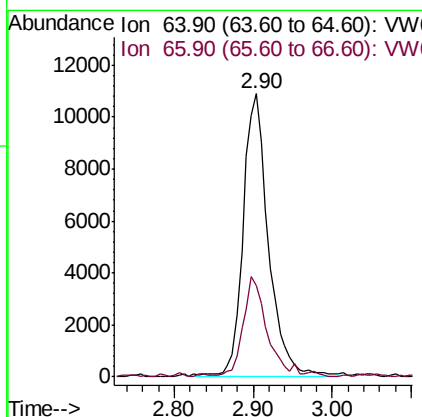
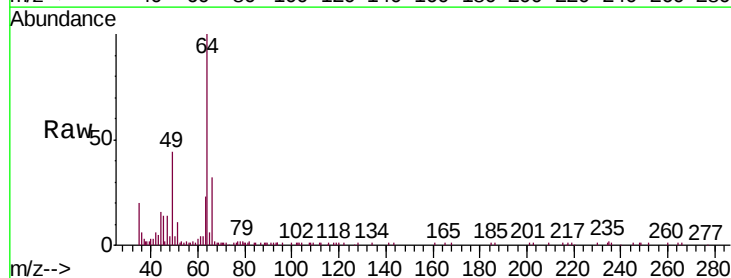
Acq: 06 Sep 2019 12:06

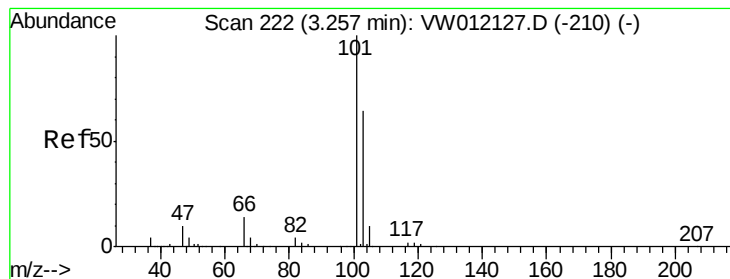
Tgt Ion: 64 Resp: 24499

Ion Ratio Lower Upper

64 100

66 32.3 23.8 35.8





#7

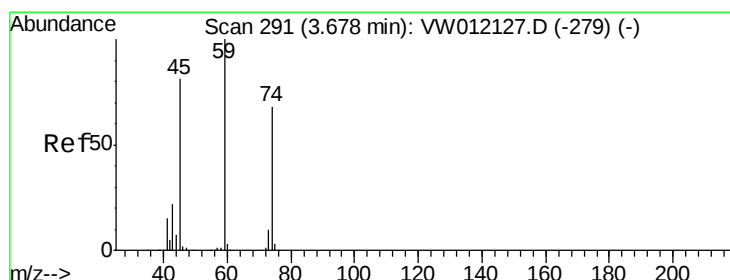
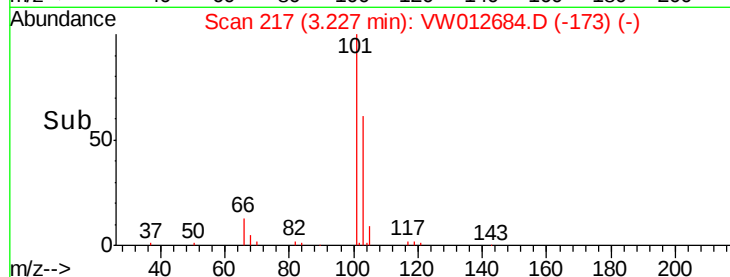
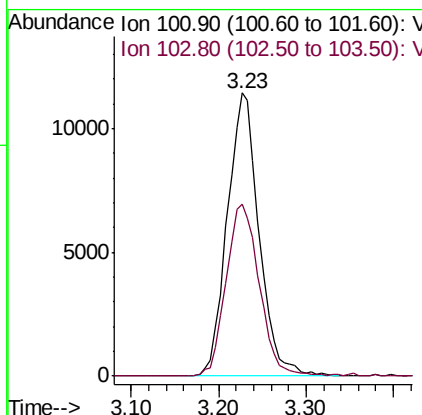
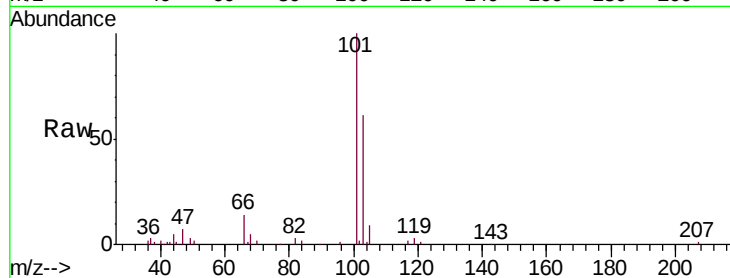
Trichlorofluoromethane  
 Concen: 20.469 ug/l  
 RT: 3.23 min Scan# 217  
 Delta R.T. -0.03 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0906SBS01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 101     | 100   | 28814 |       |       |
| 103     | 61.0  | 51.2  | 76.8  |       |

Manual Integrations  
 APPROVED

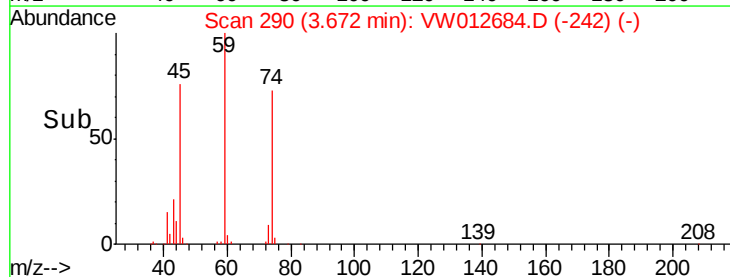
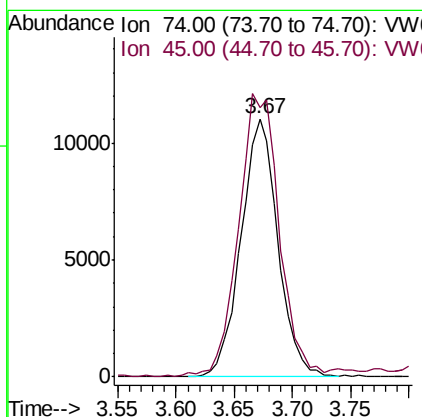
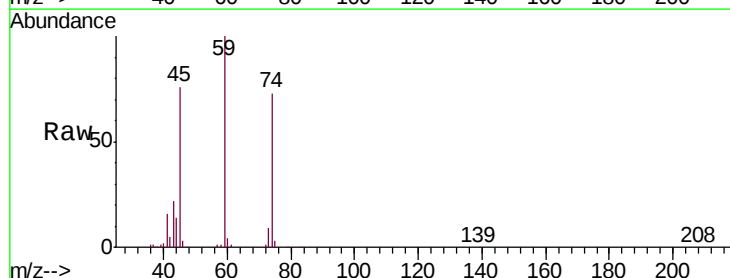
MMDadoda  
 9/9/2019 4:45:08 AM

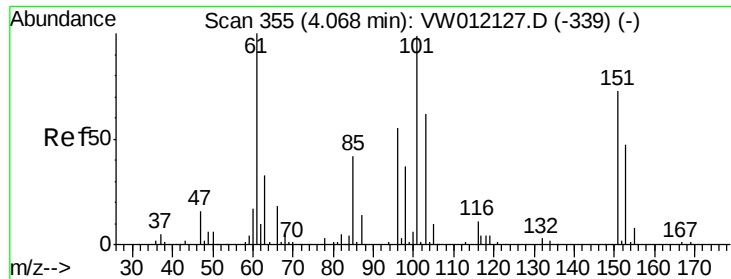


#8

Diethyl Ether  
 Concen: 18.247 ug/l  
 RT: 3.67 min Scan# 290  
 Delta R.T. -0.01 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 24381 |       |       |
| 45      | 121.5 | 59.2  | 177.6 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.943 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.02 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

Instrument :

MSVOA\_W

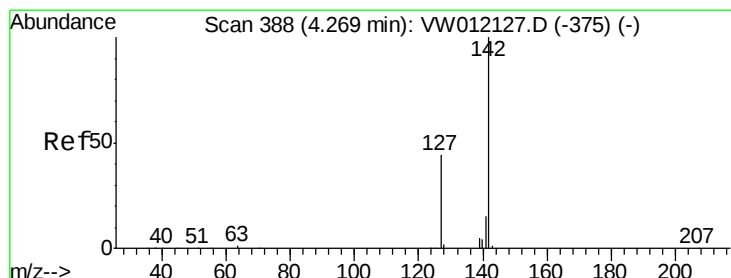
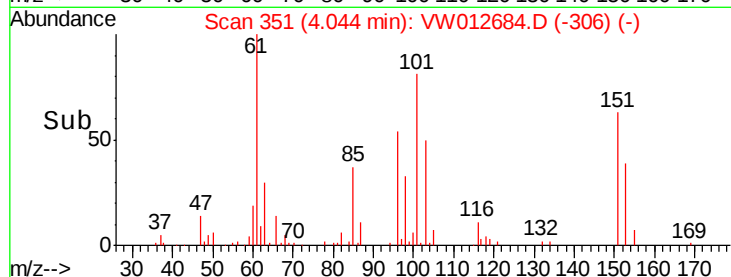
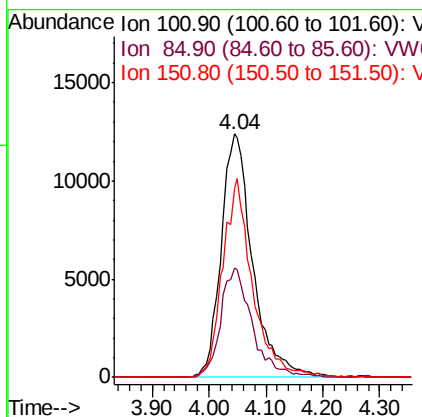
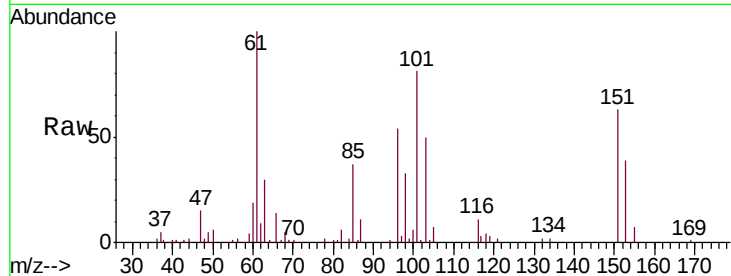
ClientSampleId :

VW0906SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 47719 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.0  | 35.8  | 53.6  |
| 151       | 76.0  | 58.6  | 87.8  |

Manual Integrations  
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9/9/2019 4:45:08 AM



#10

Methyl Iodide

Concen: 17.788 ug/l

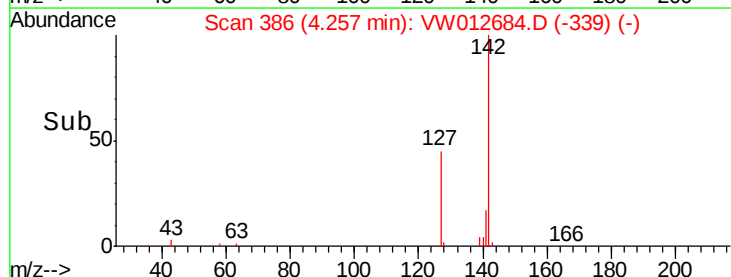
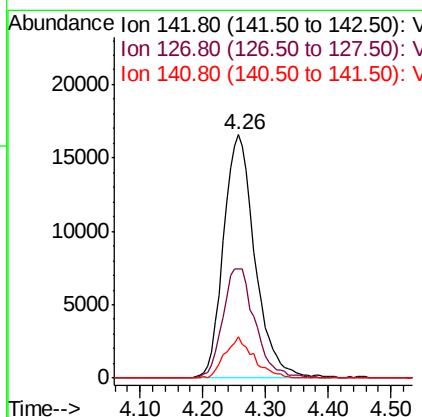
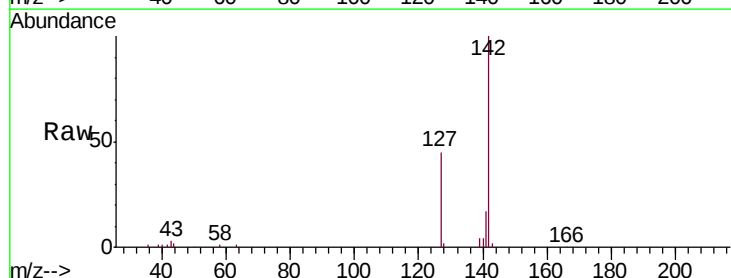
RT: 4.26 min Scan# 386

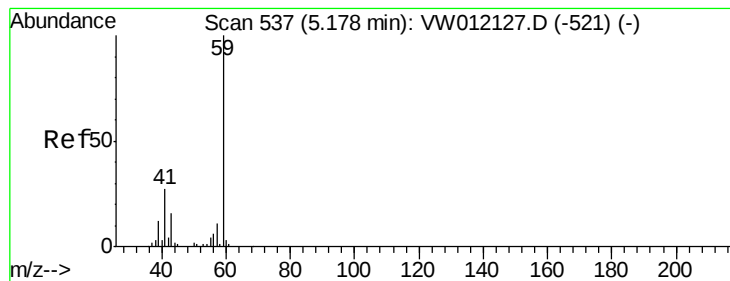
Delta R.T. -0.01 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 57591 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 46.3  | 35.5  | 53.3  |
| 141       | 15.4  | 11.8  | 17.8  |





#11

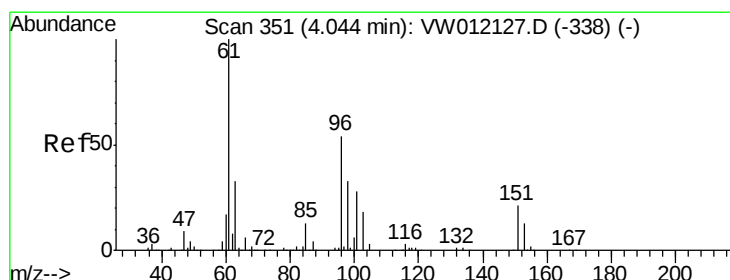
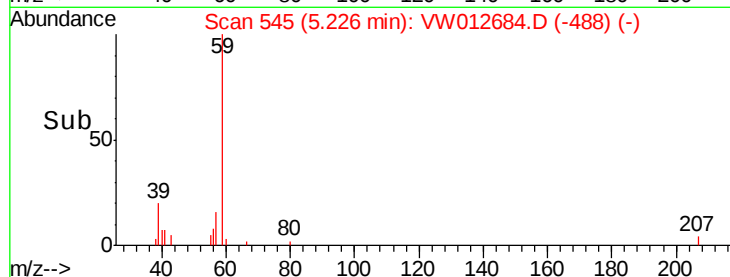
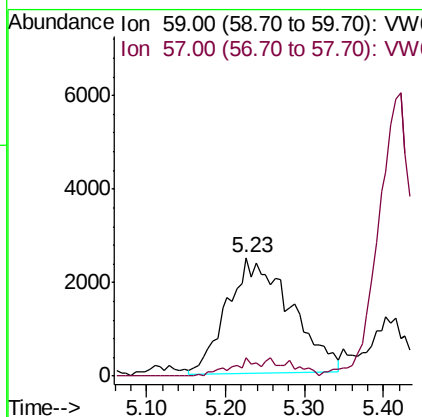
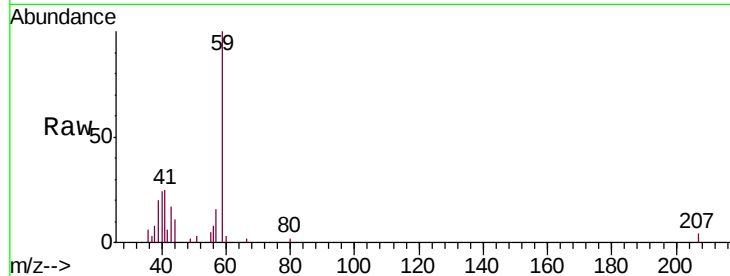
Tert butyl alcohol  
Concen: 80.533 ug/l  
RT: 5.23 min Scan# 545  
Delta R.T. 0.05 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 6.6   | 9.0   | 13.4# |

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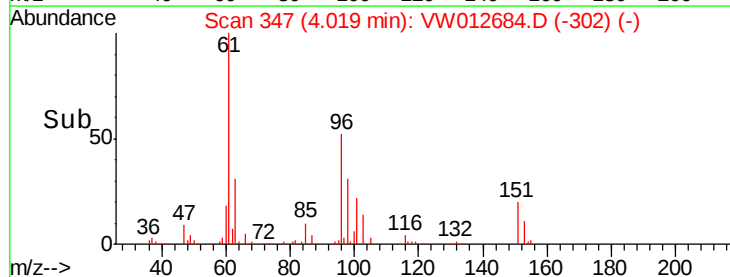
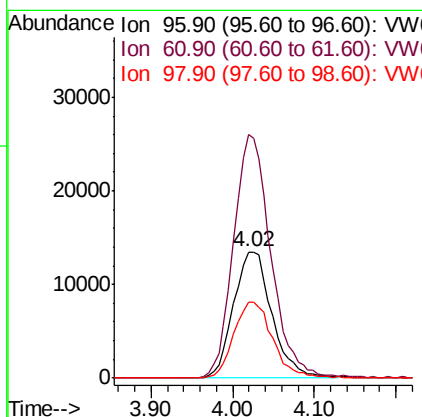
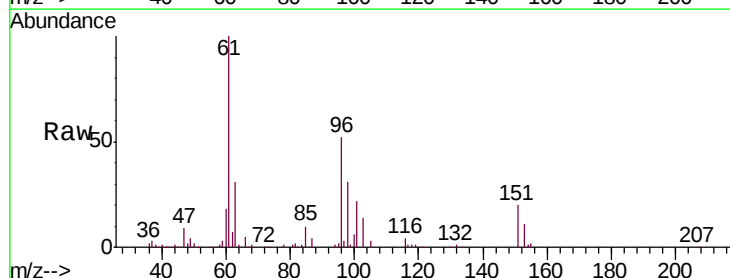
MMDadoda  
9/9/2019 4:45:08 AM

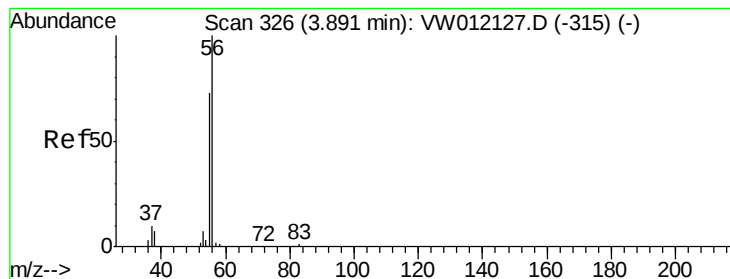


#12

1,1-Dichloroethene  
Concen: 18.253 ug/l  
RT: 4.02 min Scan# 347  
Delta R.T. -0.02 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 193.4 | 149.1 | 223.7 |
| 98      | 60.7  | 49.4  | 74.2  |





#13

Acrolein

Concen: 63.789 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0906SBS01

Tgt Ion: 56 Resp: 10314

Ion Ratio Lower Upper

56 100

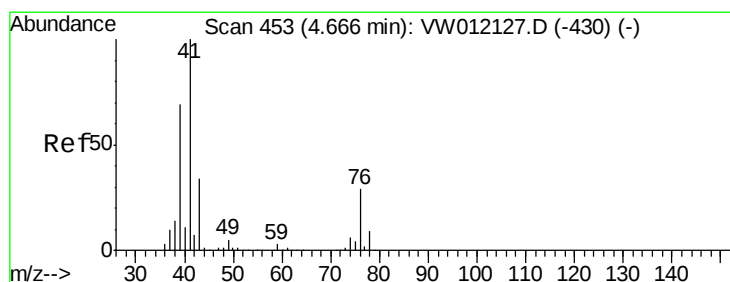
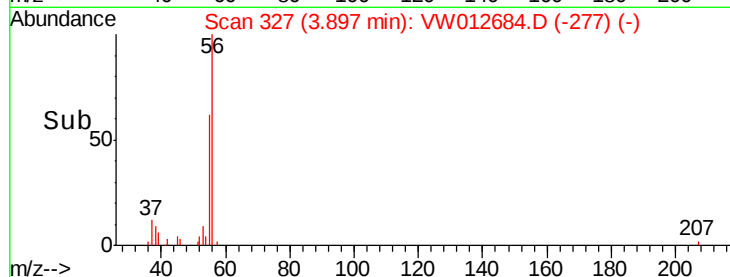
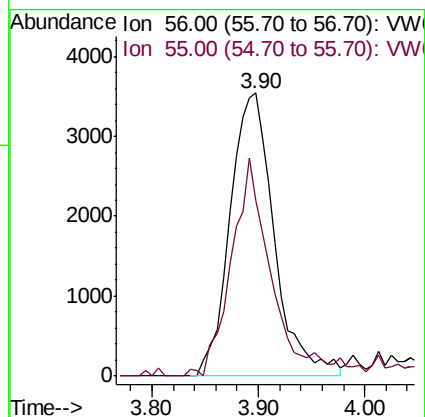
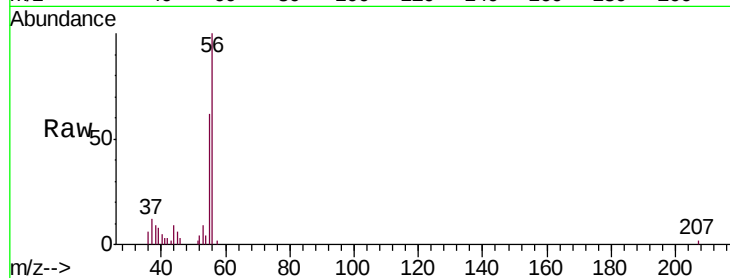
55 67.6 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 16.971 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

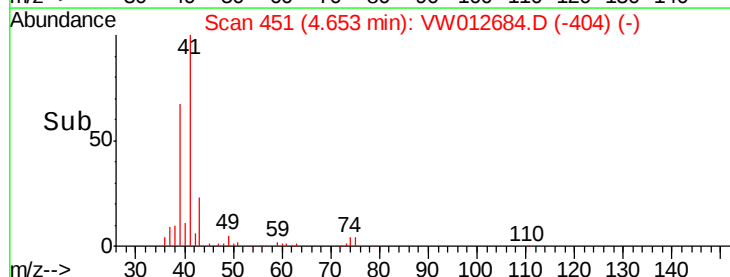
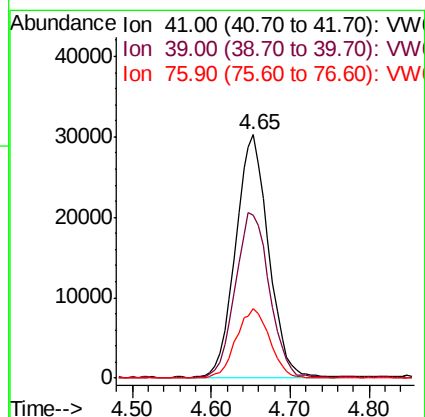
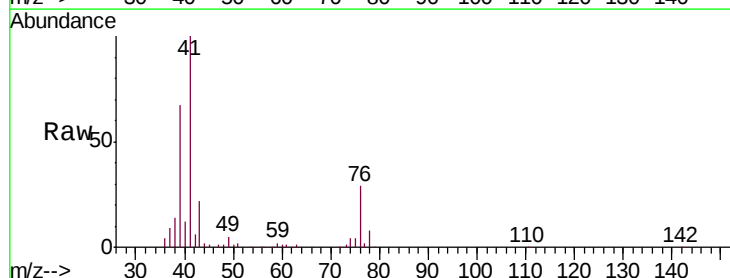
Tgt Ion: 41 Resp: 87378

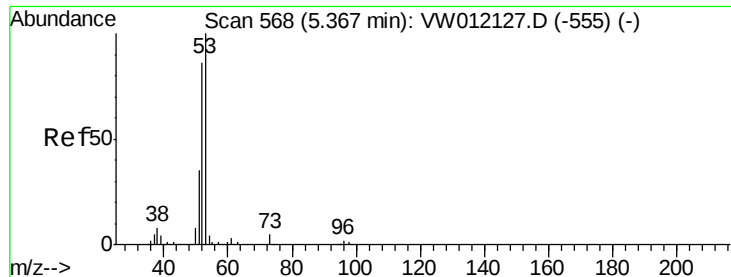
Ion Ratio Lower Upper

41 100

39 71.5 53.4 80.2

76 29.1 22.1 33.1





#15

Acrylonitrile

Concen: 91.828 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

Instrument :

MSVOA\_W

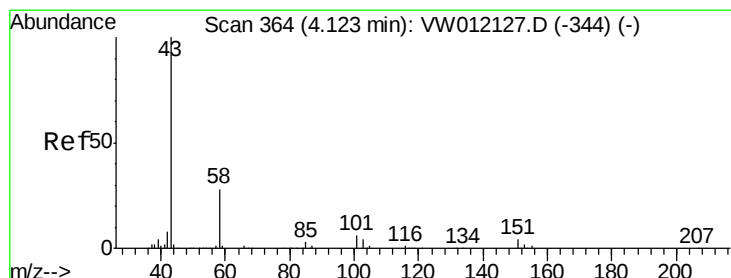
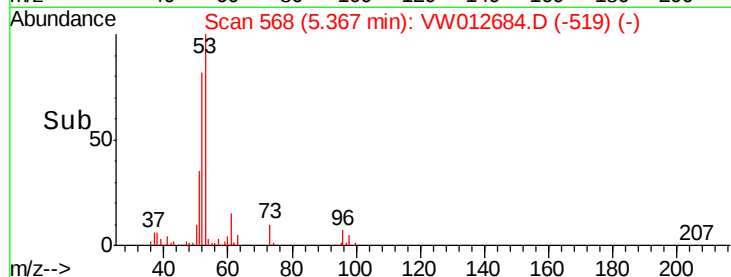
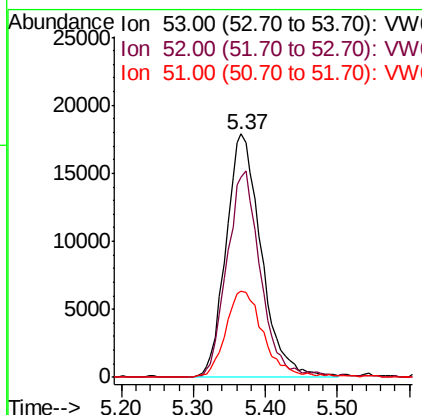
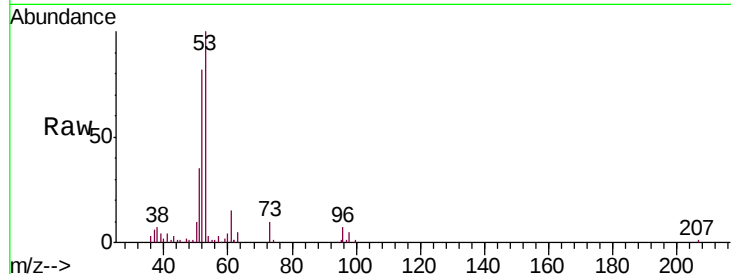
ClientSampleId :

VW0906SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 60817 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 80.5  | 66.7  | 100.1 |
| 51       | 37.8  | 30.1  | 45.1  |

Manual Integrations  
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#16

Acetone

Concen: 81.258 ug/l

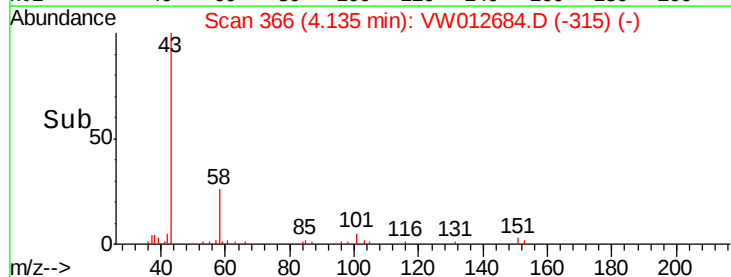
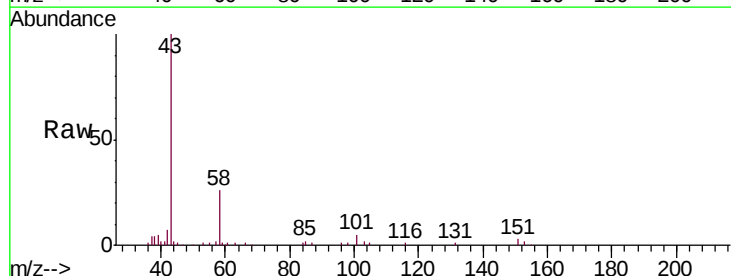
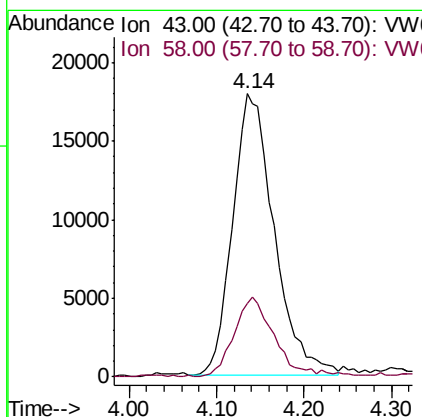
RT: 4.14 min Scan# 366

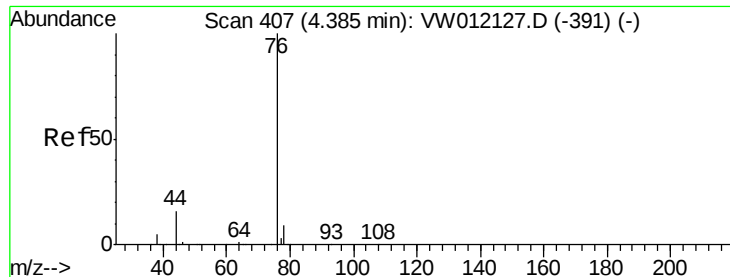
Delta R.T. 0.01 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 59287 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 25.4  | 22.4  | 33.6  |





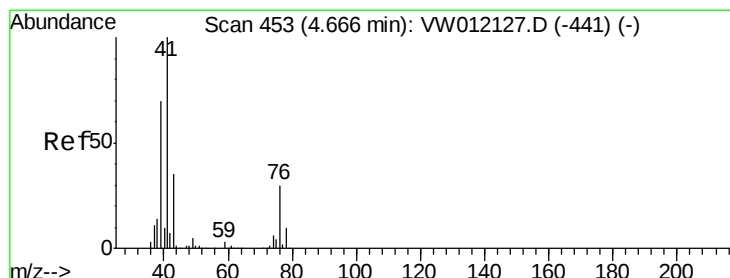
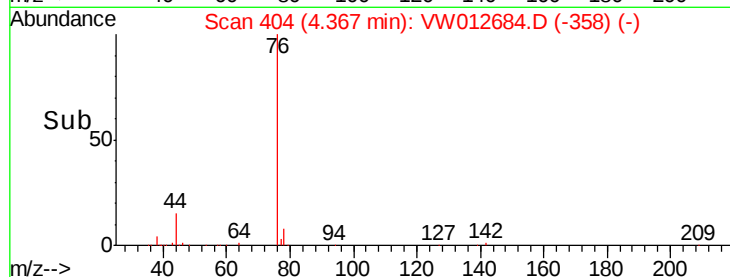
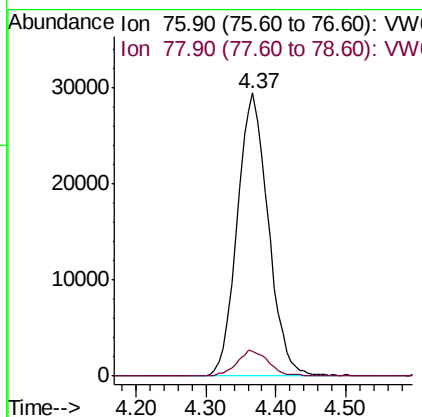
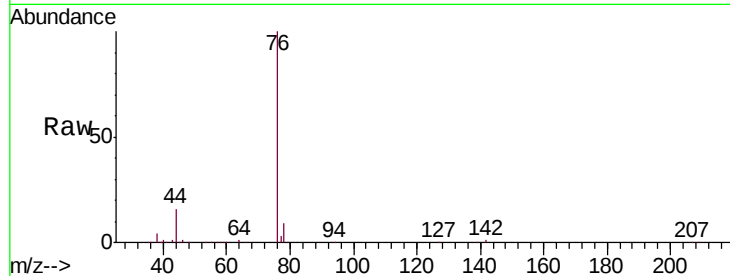
#17  
Carbon Disulfide  
Concen: 12.431 ug/l  
RT: 4.37 min Scan# 404  
Delta R.T. -0.02 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

Tgt Ion: 76 Resp: 90477  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.3 10.9

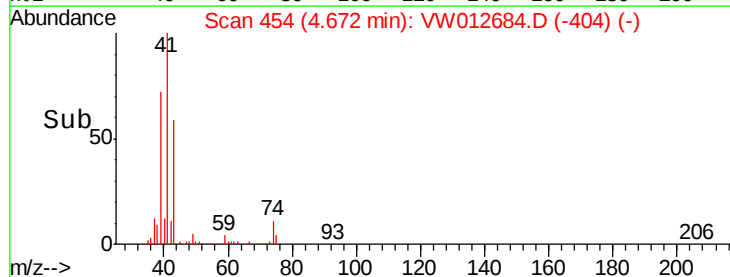
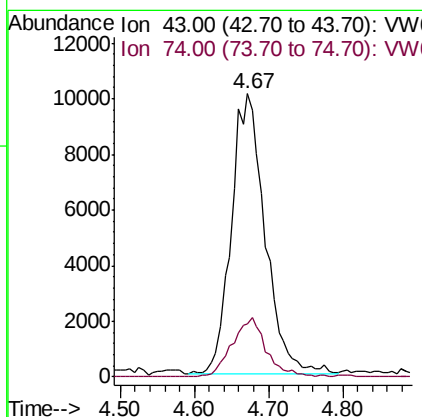
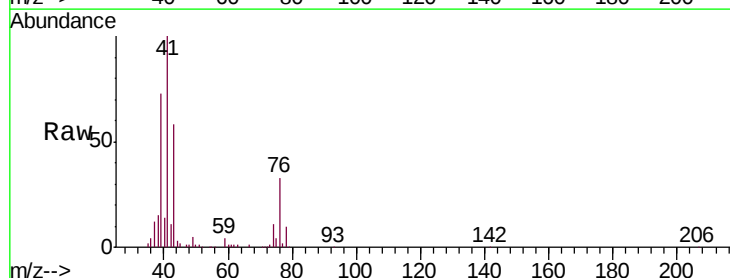
Manual Integrations  
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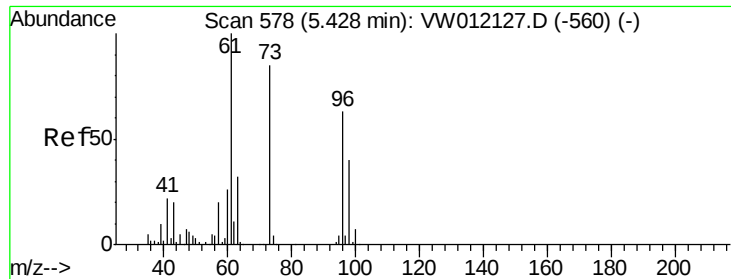
MMDadoda  
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#18  
Methyl Acetate  
Concen: 17.654 ug/l  
RT: 4.67 min Scan# 454  
Delta R.T. 0.01 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Tgt Ion: 43 Resp: 31902  
Ion Ratio Lower Upper  
43 100  
74 21.4 15.7 23.5





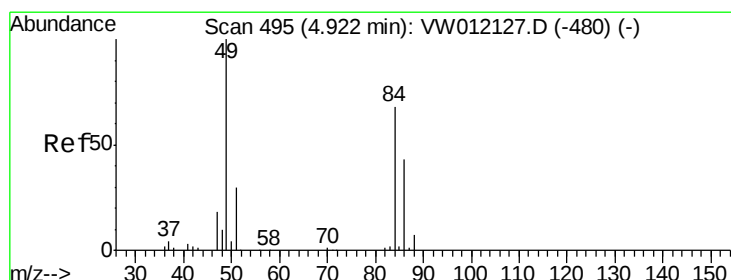
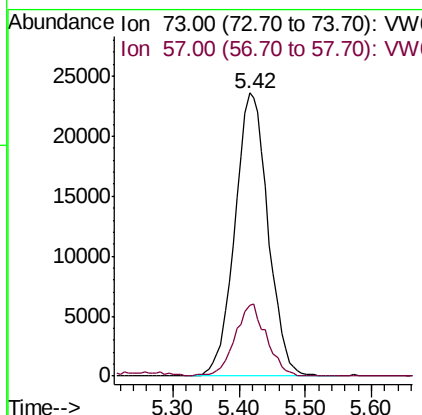
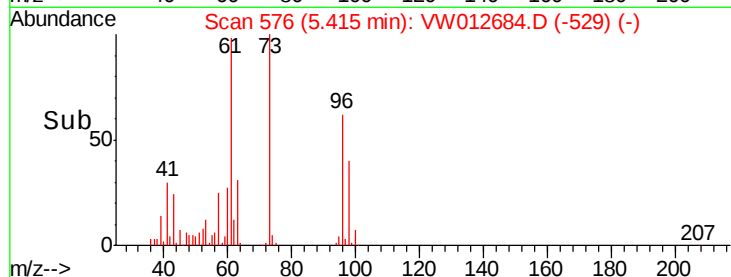
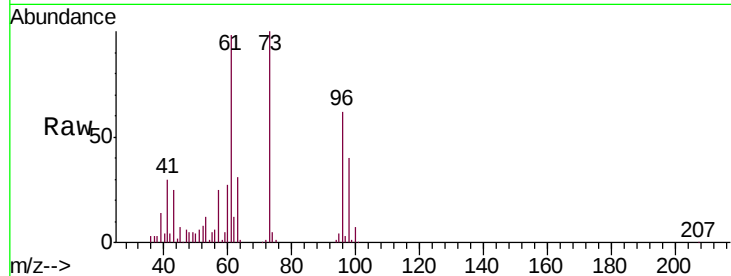
#19  
Methyl tert-butyl Ether  
Concen: 21.038 ug/l  
RT: 5.42 min Scan# 576  
Delta R.T. -0.01 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0906SBS01

Tgt Ion: 73 Resp: 81939  
Ion Ratio Lower Upper  
73 100  
57 25.1 18.9 28.3

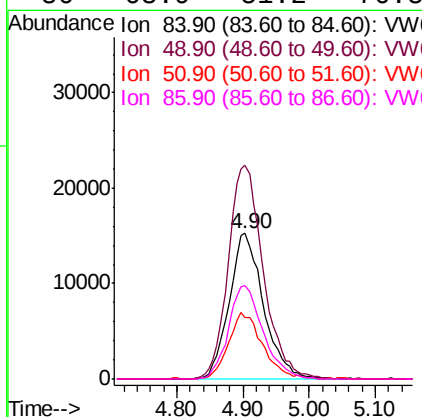
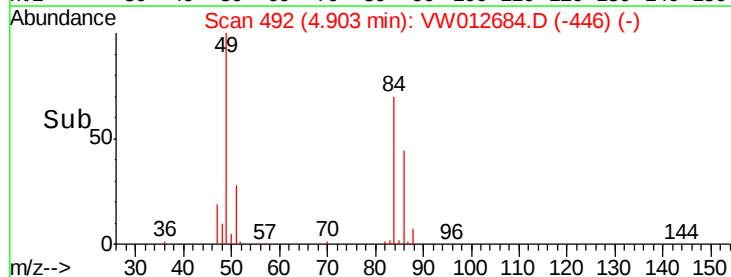
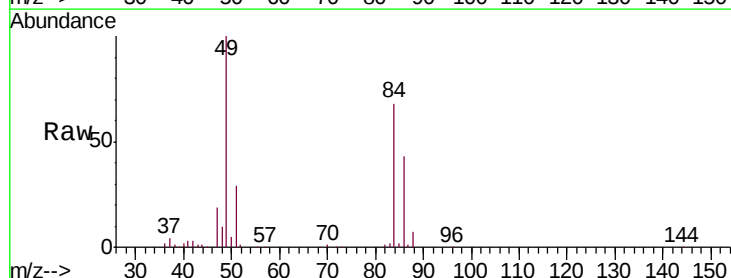
Manual Integrations  
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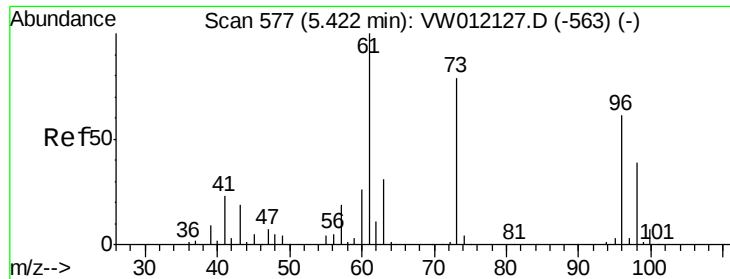
MMDadoda  
9/9/2019 4:45:08 AM



#20  
Methylene Chloride  
Concen: 19.940 ug/l  
RT: 4.90 min Scan# 492  
Delta R.T. -0.02 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Tgt Ion: 84 Resp: 55000  
Ion Ratio Lower Upper  
84 100  
49 147.0 117.8 176.8  
51 42.7 35.6 53.4  
86 63.9 51.2 76.8





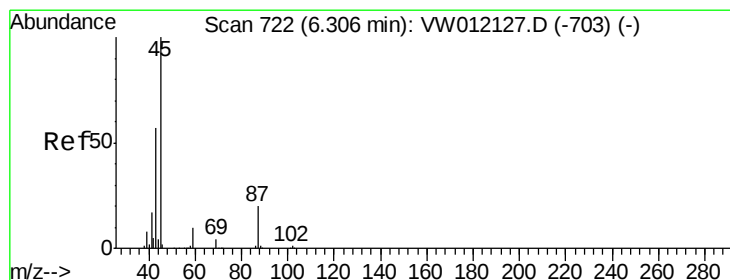
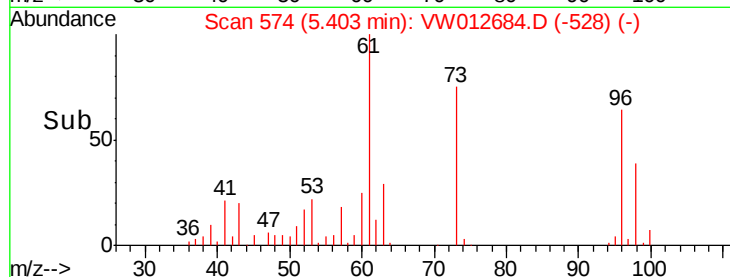
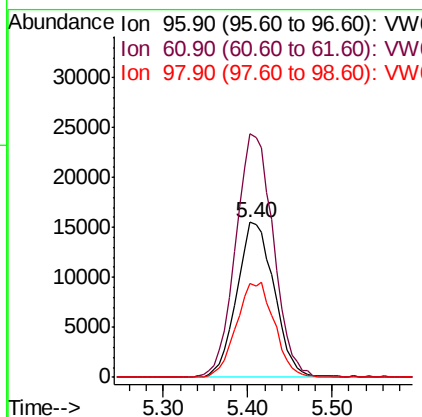
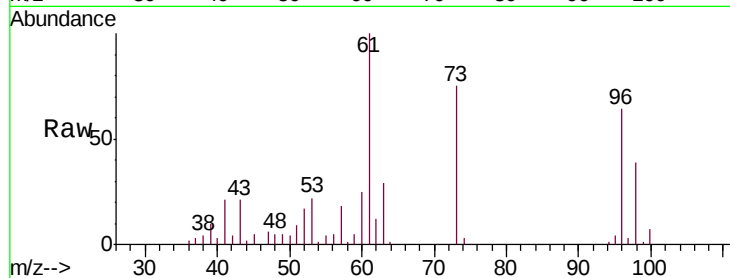
#21  
trans-1,2-Dichloroethene  
Concen: 18.077 ug/l  
RT: 5.40 min Scan# 574  
Delta R.T. -0.02 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 156.9 | 131.4 | 197.0 |
| 98      | 60.5  | 51.4  | 77.0  |

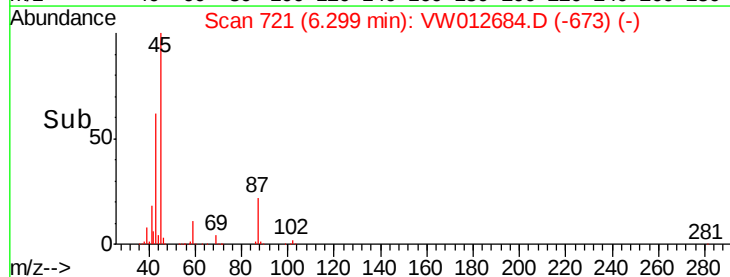
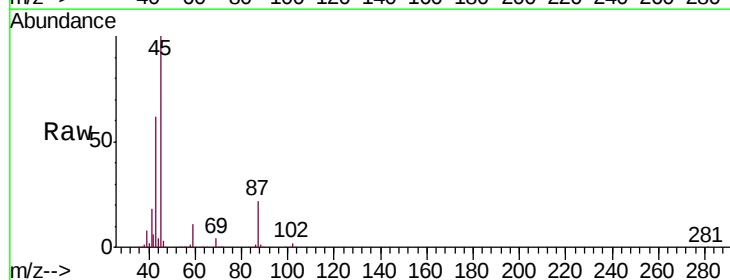
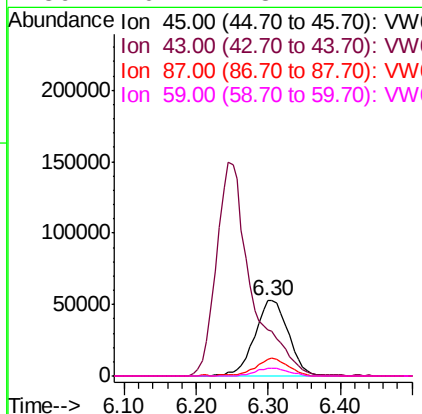
Manual Integrations  
APPROVED

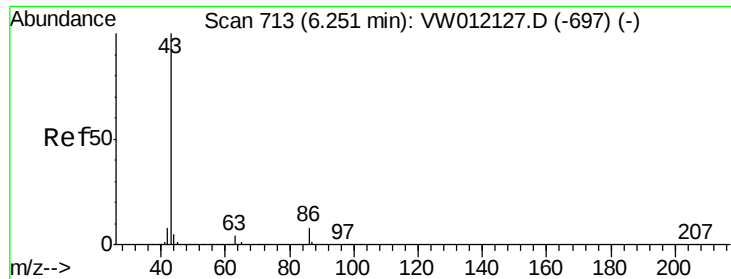
MMDadoda  
9/9/2019 4:45:08 AM



#22  
Diisopropyl ether  
Concen: 18.157 ug/l  
RT: 6.30 min Scan# 721  
Delta R.T. -0.01 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 60.6  | 45.5  | 68.3  |
| 87      | 21.5  | 16.1  | 24.1  |
| 59      | 10.4  | 8.2   | 12.2  |





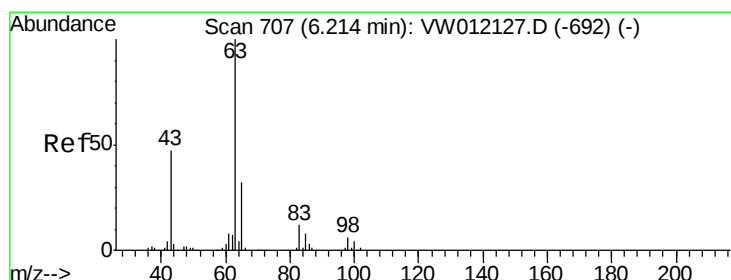
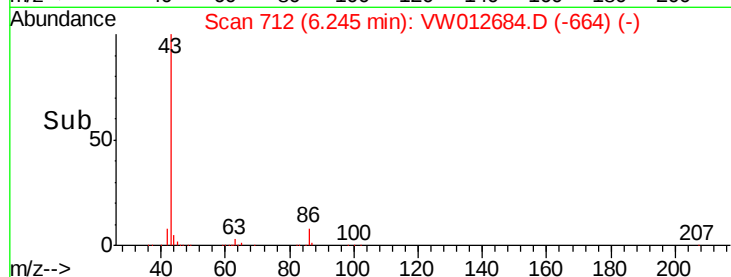
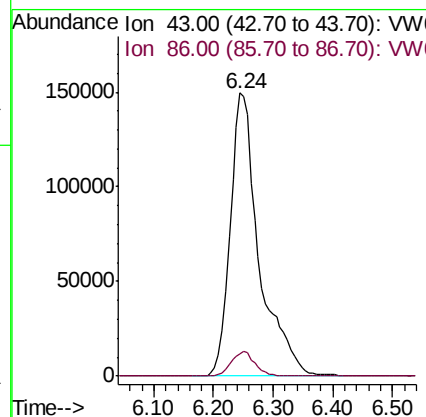
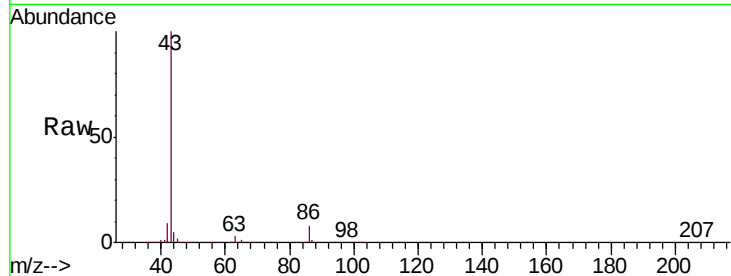
#23  
 Vinyl Acetate  
 Concen: 85.681 ug/l  
 RT: 6.24 min Scan# 712  
 Delta R.T. -0.01 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0906SBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 43      | 100   | 503236 |       |       |
| 86      | 7.9   | 6.5    | 9.7   |       |

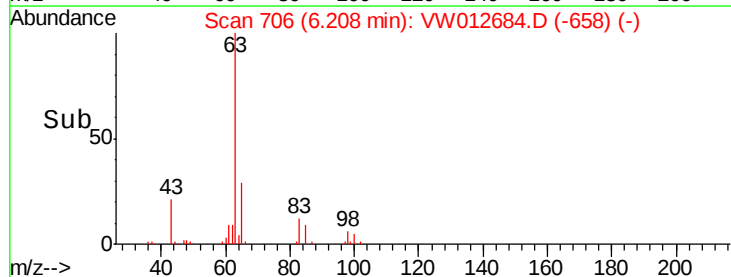
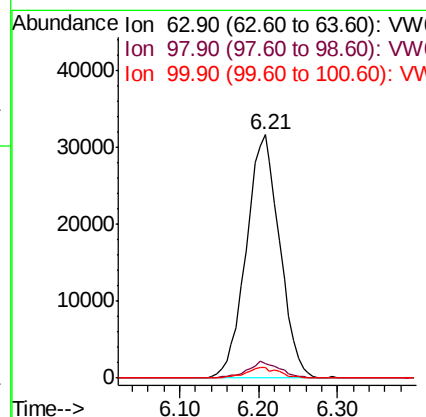
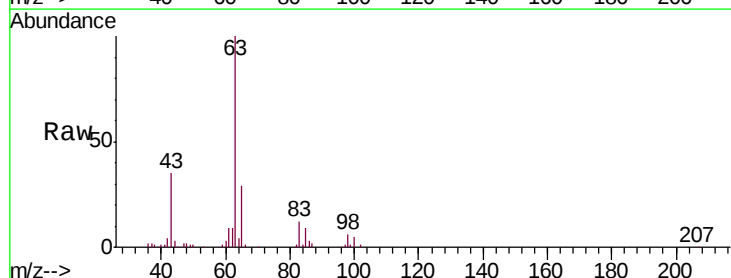
Manual Integrations  
 APPROVED

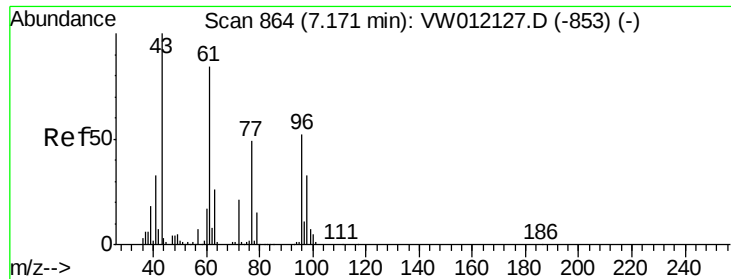
MMDadoda  
 9/9/2019 4:45:08 AM



#24  
 1,1-Dichloroethane  
 Concen: 17.966 ug/l  
 RT: 6.21 min Scan# 706  
 Delta R.T. -0.01 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 63      | 100   | 93360 |       |       |
| 98      | 5.7   | 3.0   | 9.2   |       |
| 100     | 4.5   | 2.0   | 6.0   |       |





#25

2-Butanone

Concen: 81.614 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0906SBS01

Tgt Ion: 43 Resp: 80917

Ion Ratio Lower Upper

43 100

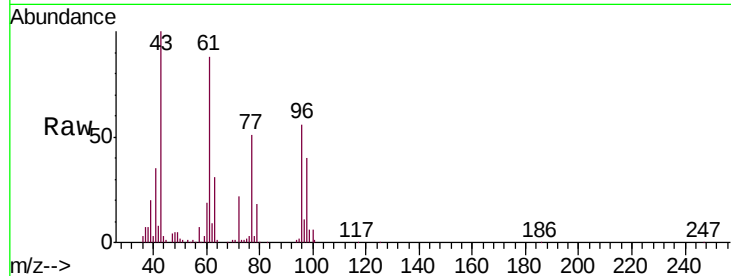
72 21.6 16.6 24.8

Manual Integrations

APPROVED

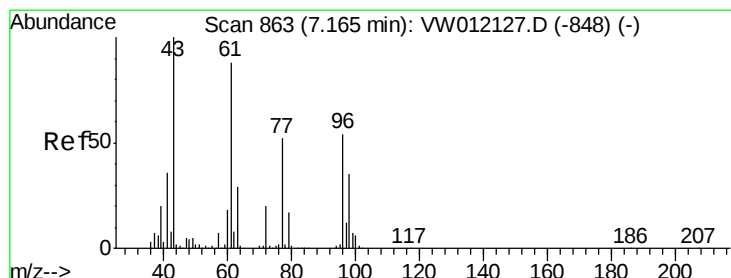
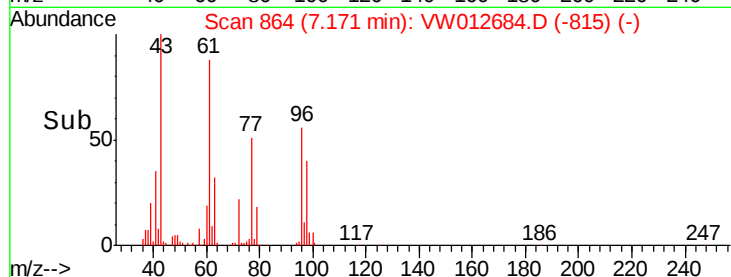
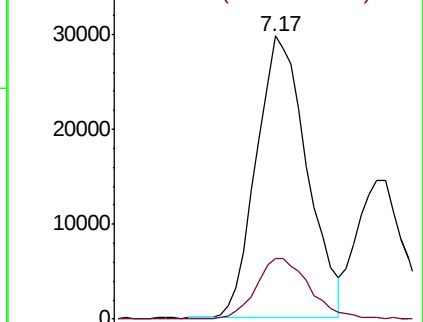
MMDadoda

9/9/2019 4:45:08 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 19.394 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012684.D

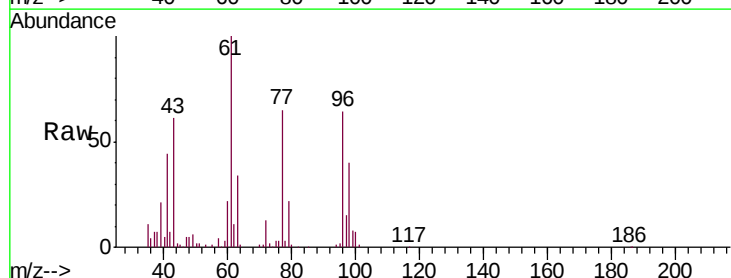
Acq: 06 Sep 2019 12:06

Tgt Ion: 77 Resp: 57041

Ion Ratio Lower Upper

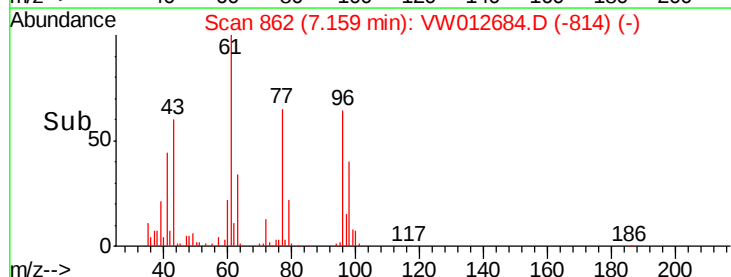
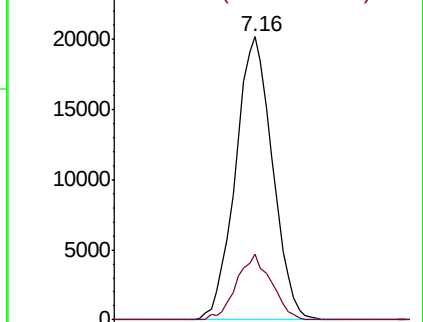
77 100

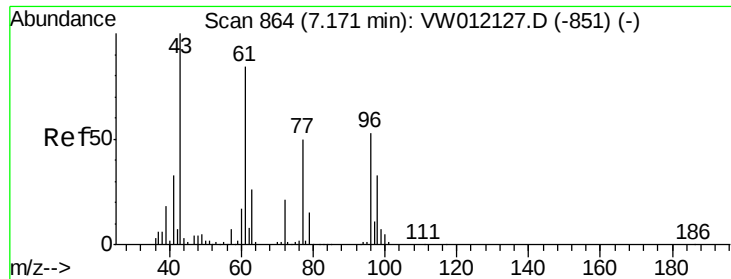
97 21.9 11.1 33.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

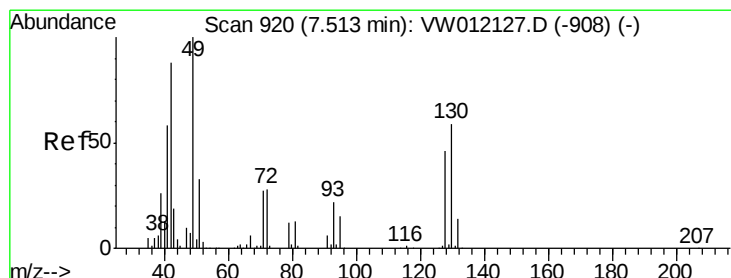
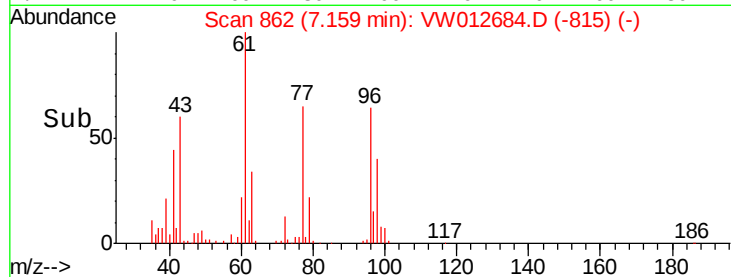
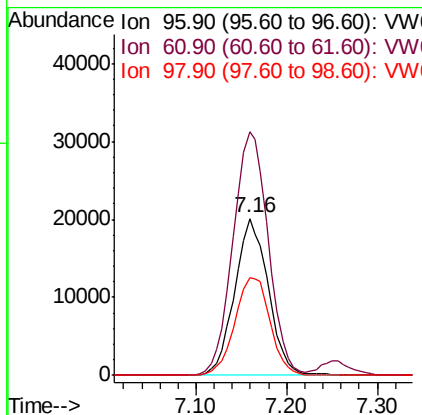
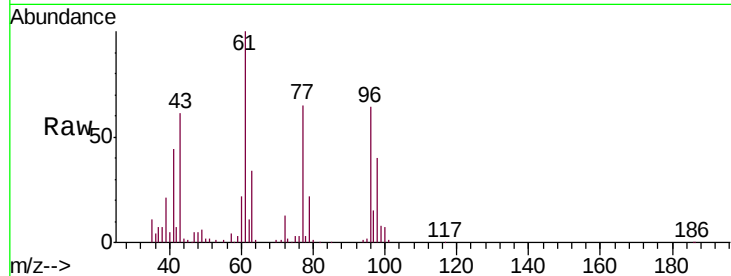
cis-1,2-Dichloroethene  
Concen: 18.723 ug/l  
RT: 7.16 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 51662 |       |       |
| 61      | 162.5 | 0.0   | 326.6 |       |
| 98      | 65.2  | 0.0   | 127.4 |       |

Manual Integrations  
APPROVED

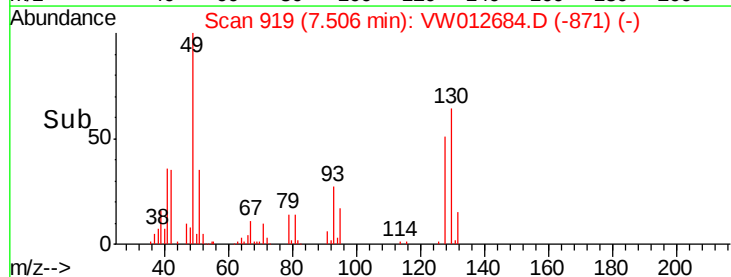
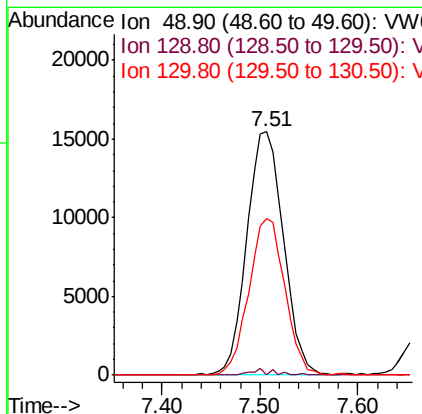
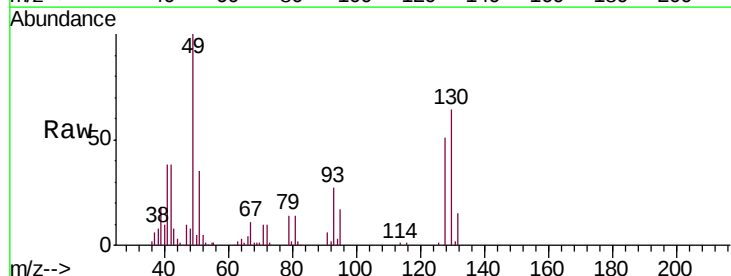
MMDadoda  
9/9/2019 4:45:08 AM

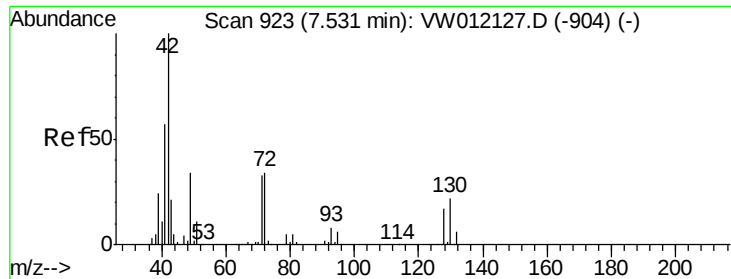


#28

Bromochloromethane  
Concen: 17.793 ug/l  
RT: 7.51 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 40298 |       |       |
| 129     | 0.8   | 0.0   | 1.4   |       |
| 130     | 62.8  | 45.5  | 68.3  |       |





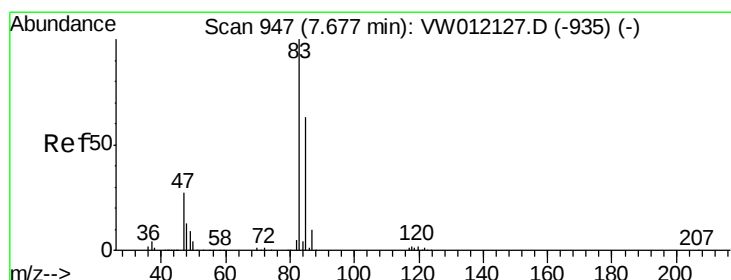
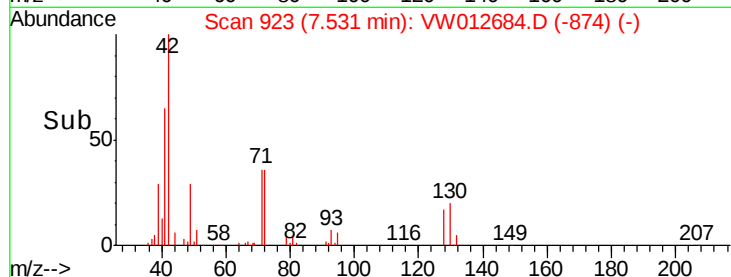
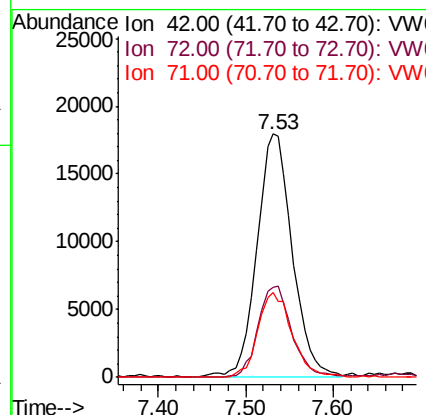
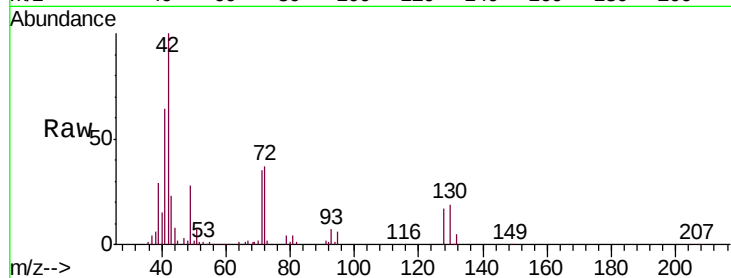
#29  
Tetrahydrofuran  
Concen: 84.790 ug/l  
RT: 7.53 min Scan# 923  
Delta R.T. -0.00 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 50436 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 36.1  | 27.3  | 40.9  |
| 71       | 33.7  | 25.5  | 38.3  |

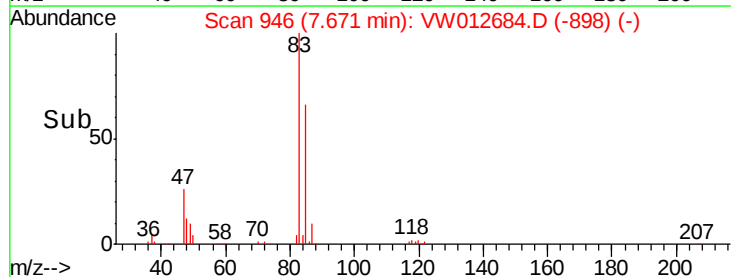
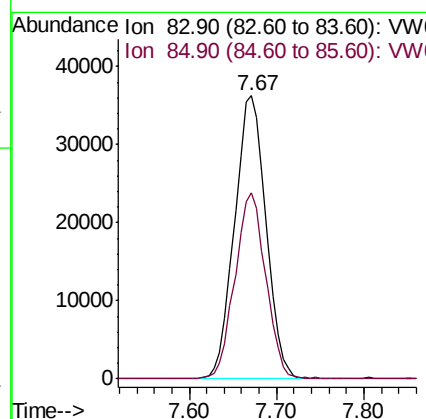
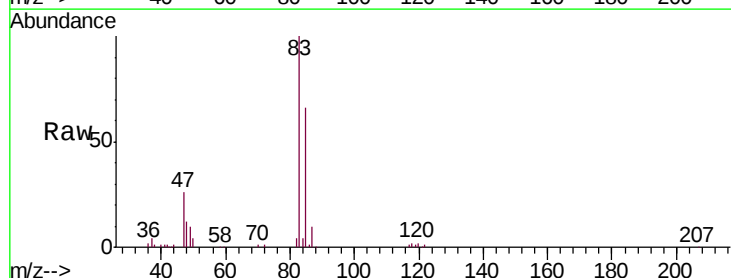
Manual Integrations  
APPROVED

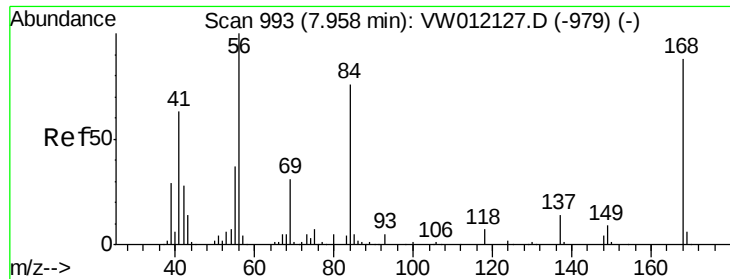
MMDadoda  
9/9/2019 4:45:08 AM



#30  
Chloroform  
Concen: 19.063 ug/l  
RT: 7.67 min Scan# 946  
Delta R.T. -0.01 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 90630 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.9  | 50.6  | 76.0  |





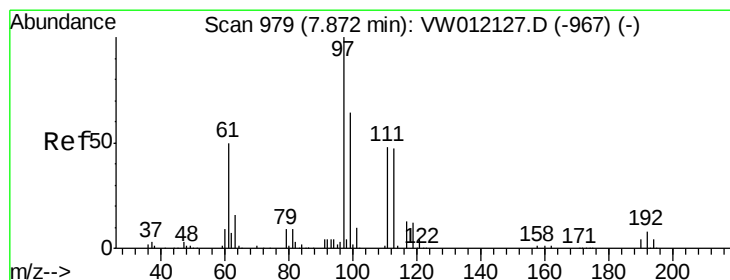
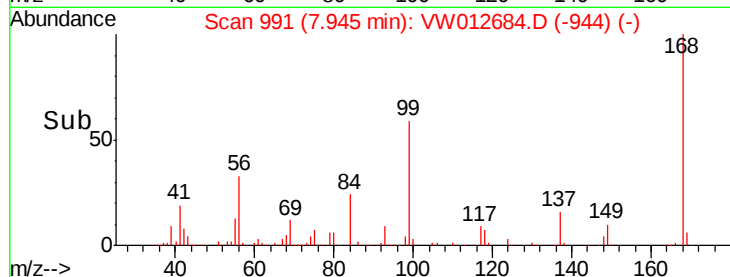
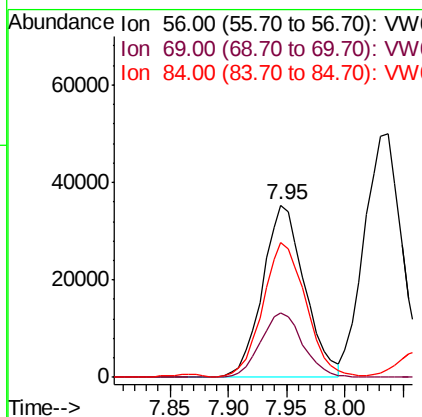
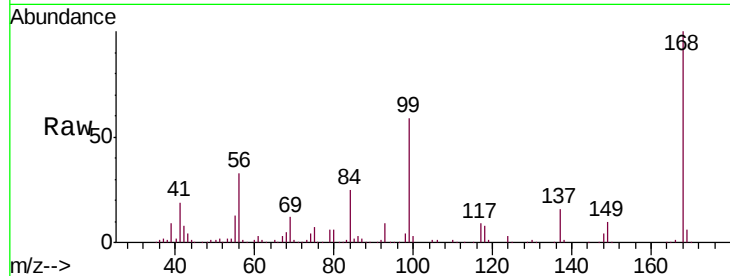
#31  
Cyclohexane  
Concen: 17.234 ug/l  
RT: 7.95 min Scan# 991  
Delta R.T. -0.01 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 37.8  | 24.9  | 37.3# |
| 84      | 76.4  | 60.6  | 90.8  |

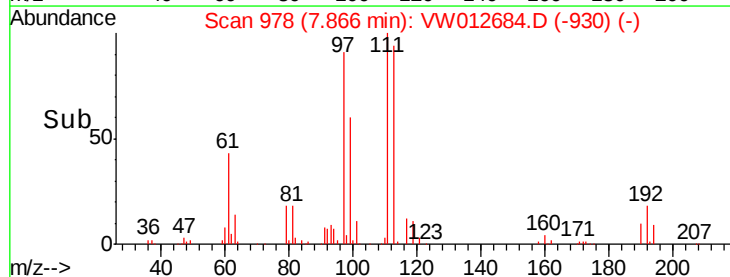
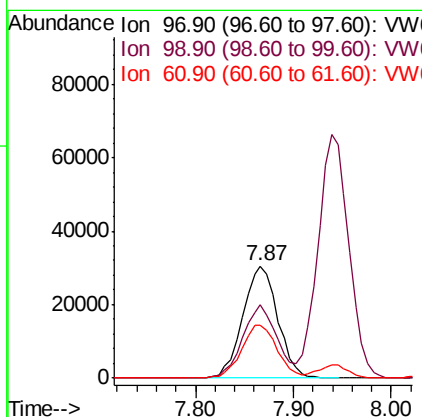
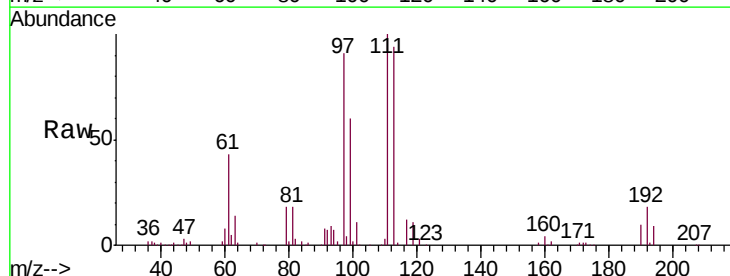
Manual Integrations  
APPROVED

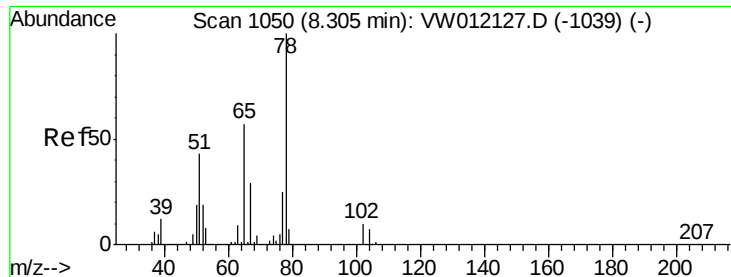
MMDadoda  
9/9/2019 4:45:08 AM



#32  
1,1,1-Trichloroethane  
Concen: 20.017 ug/l  
RT: 7.87 min Scan# 978  
Delta R.T. -0.01 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.9  | 51.4  | 77.0  |
| 61      | 48.1  | 39.5  | 59.3  |





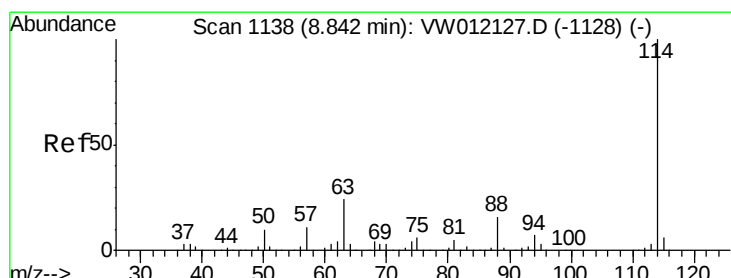
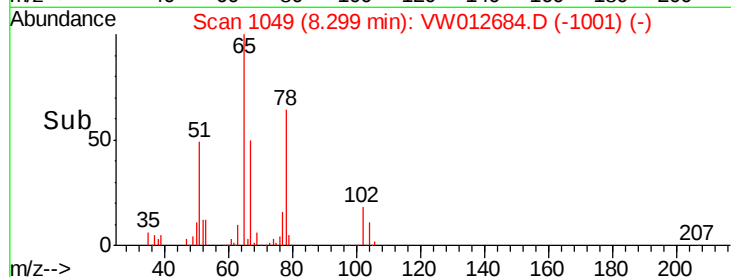
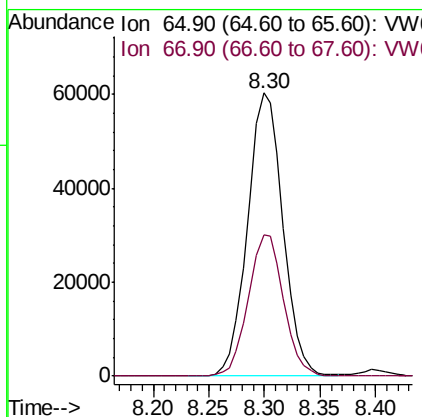
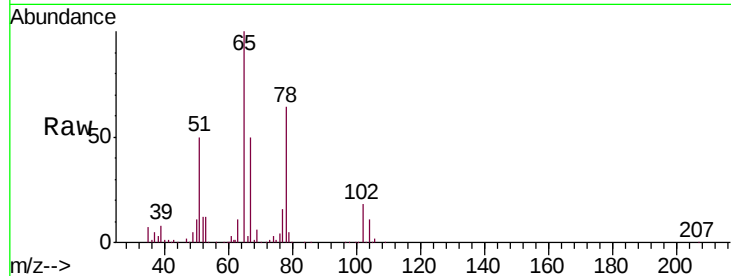
#33  
 1,2-Dichloroethane-d4  
 Concen: 46.734 ug/l  
 RT: 8.30 min Scan# 1049  
 Delta R.T. -0.01 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0906SBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 133393 |       |       |
| 67      | 49.9  | 0.0    | 102.6 |       |

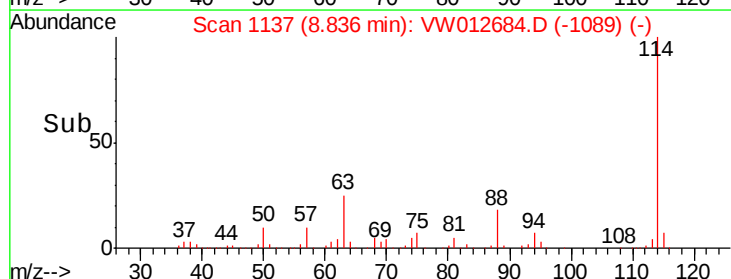
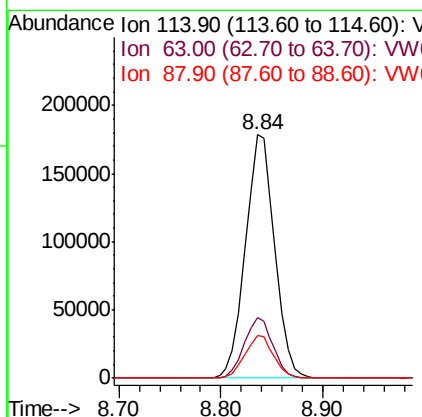
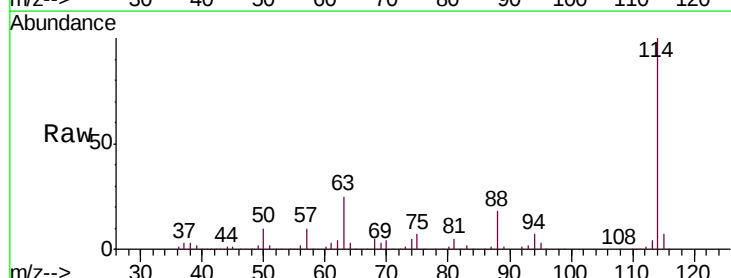
Manual Integrations  
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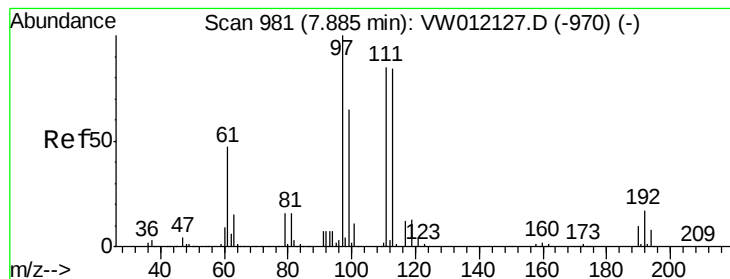
MMDadoda  
 9/9/2019 4:45:08 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1137  
 Delta R.T. -0.01 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 355529 |       |       |
| 63      | 24.7  | 0.0    | 48.6  |       |
| 88      | 17.6  | 0.0    | 32.2  |       |





#35

Dibromofluoromethane

Concen: 49.748 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

Instrument :

MSVOA\_W

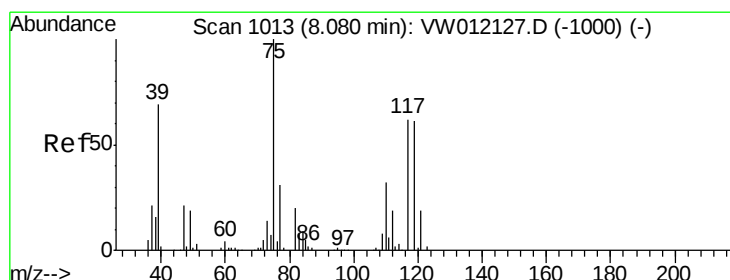
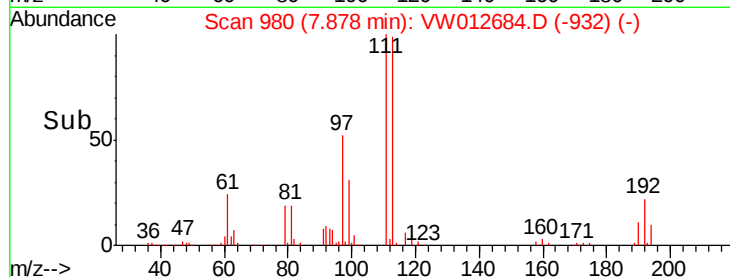
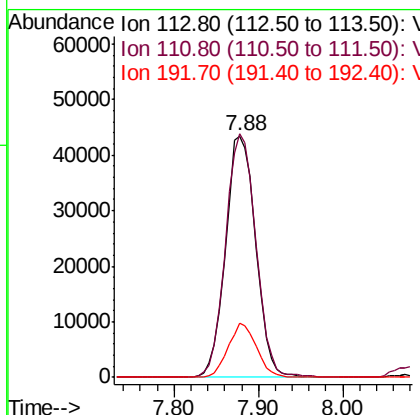
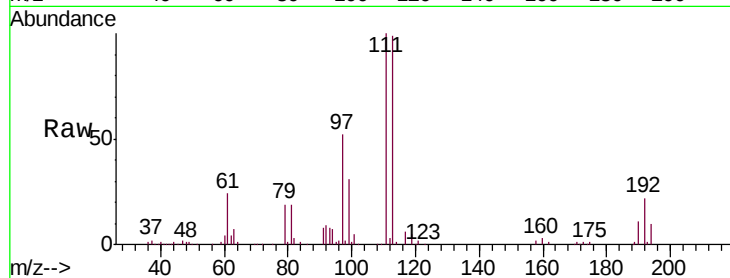
ClientSampleId :

VW0906SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 105574 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.3 | 82.7  | 124.1  |
| 192       | 20.9  | 16.2  | 24.2   |

Manual Integrations  
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MMDadoda  
9/9/2019 4:45:08 AM



#36

1,1-Dichloropropene

Concen: 19.678 ug/l

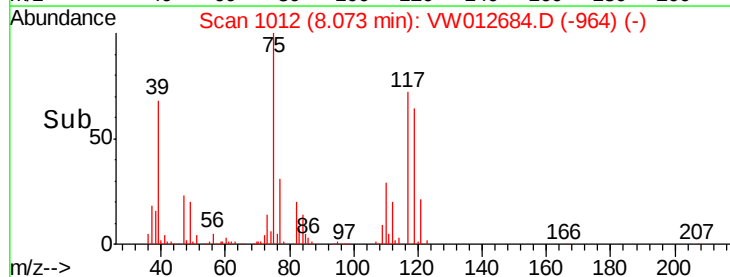
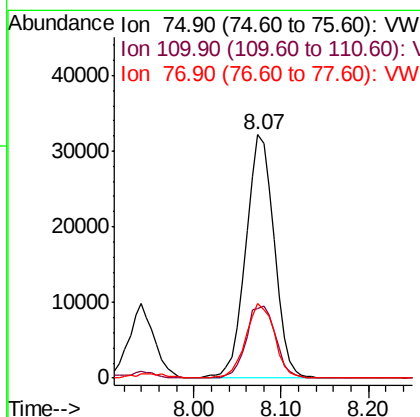
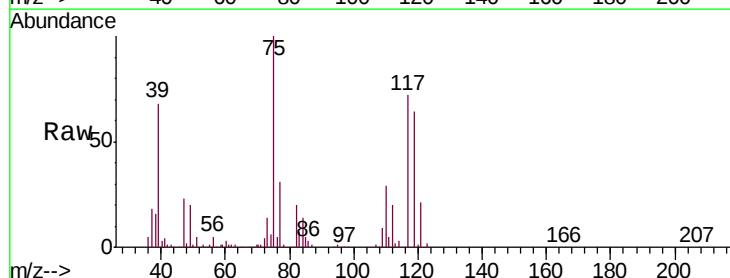
RT: 8.07 min Scan# 1012

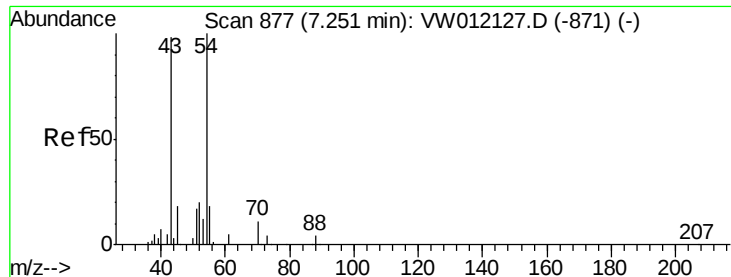
Delta R.T. -0.01 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 72298 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 31.1  | 15.6  | 46.8  |
| 77        | 31.0  | 24.6  | 36.8  |





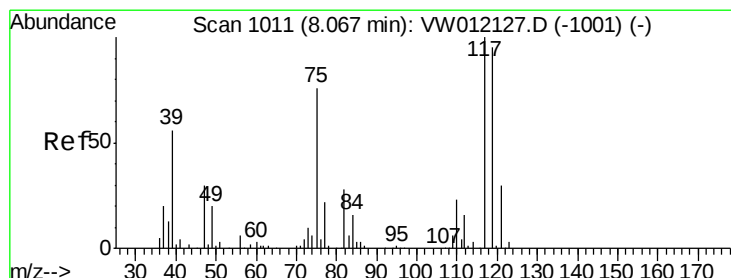
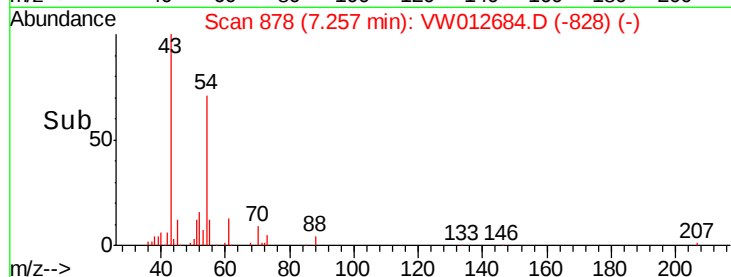
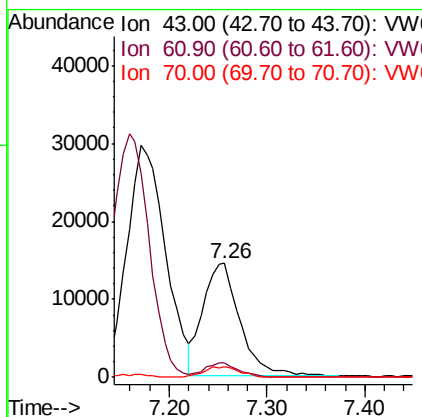
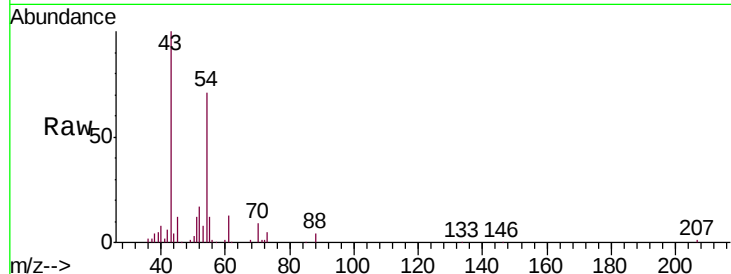
#37  
Ethyl Acetate  
Concen: 18.837 ug/l  
RT: 7.26 min Scan# 878  
Delta R.T. 0.01 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 11.9  | 9.2   | 13.8  |
| 70      | 9.4   | 6.9   | 10.3  |

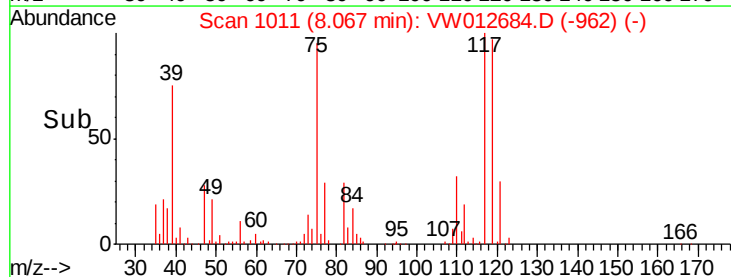
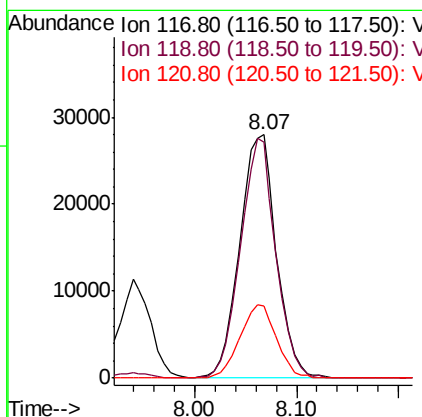
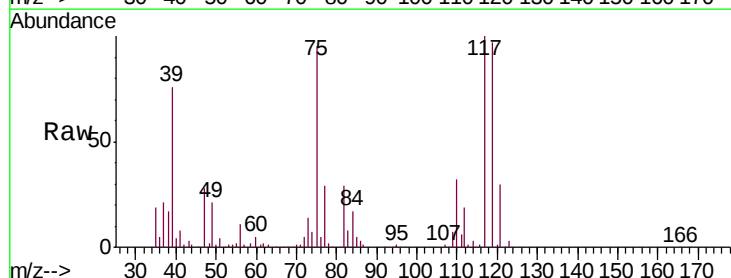
Manual Integrations  
APPROVED

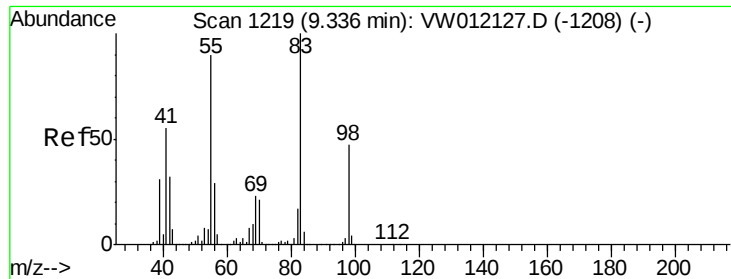
MMDadoda  
9/9/2019 4:45:08 AM



#38  
Carbon Tetrachloride  
Concen: 21.988 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.7  | 76.2  | 114.2 |
| 121     | 29.8  | 23.8  | 35.8  |





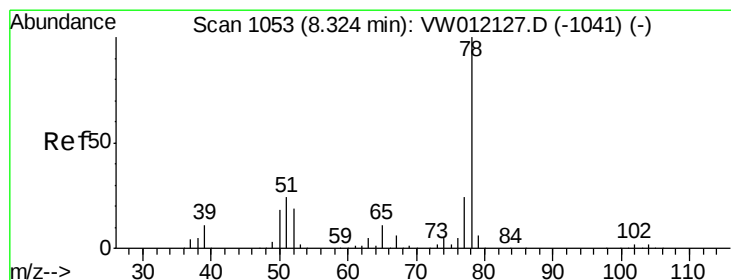
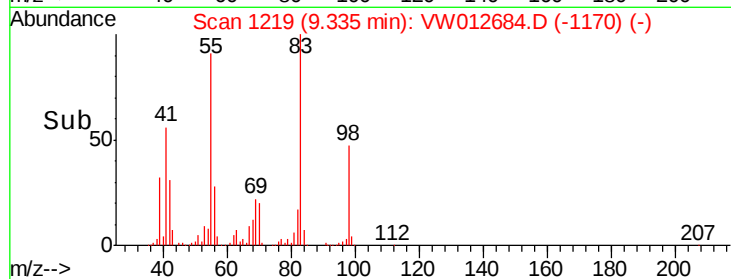
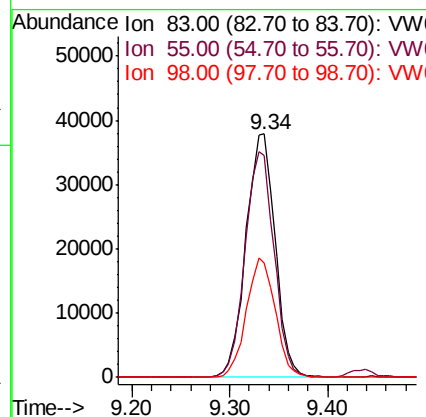
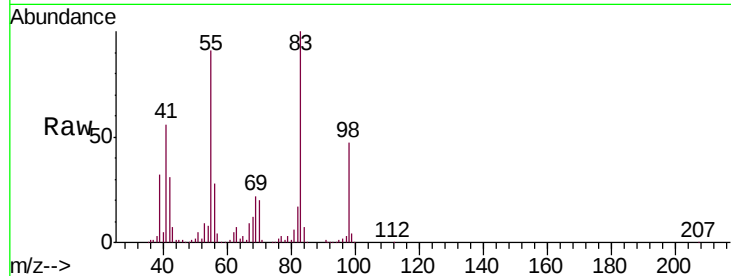
#39  
Methylcyclohexane  
Concen: 19.113 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 90.7  | 71.8  | 107.8 |
| 98      | 46.7  | 37.8  | 56.8  |

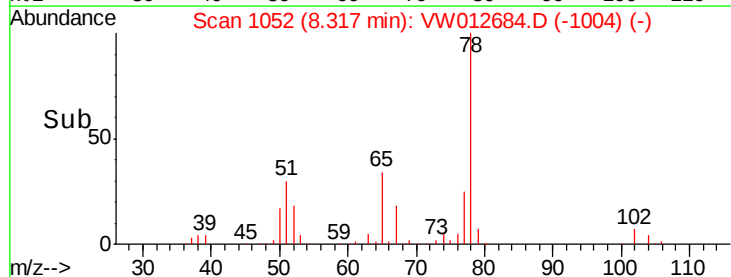
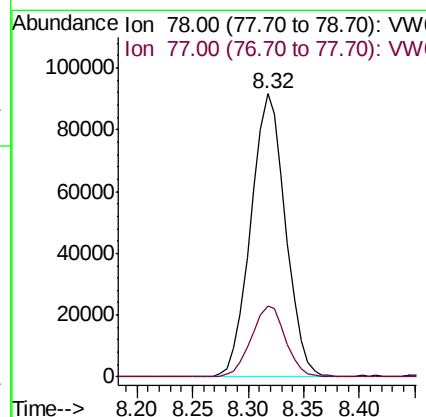
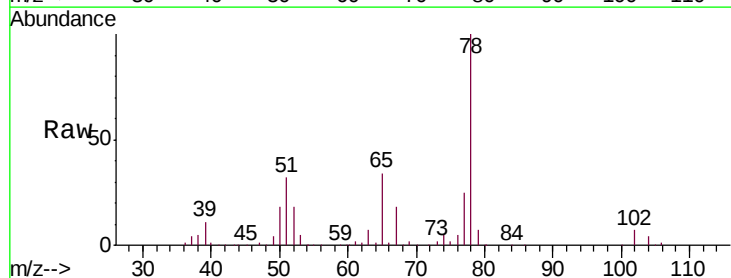
Manual Integrations  
APPROVED

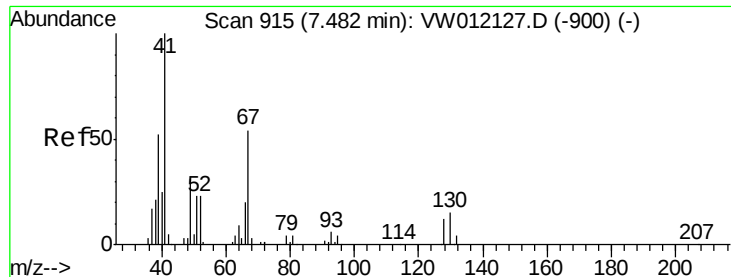
MMDadoda  
9/9/2019 4:45:08 AM



#40  
Benzene  
Concen: 19.823 ug/l  
RT: 8.32 min Scan# 1052  
Delta R.T. -0.01 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.9  | 19.5  | 29.3  |





#41

Methacrylonitrile

Concen: 20.731 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

Instrument :

MSVOA\_W

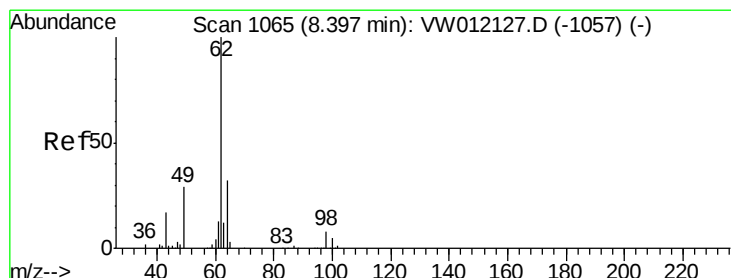
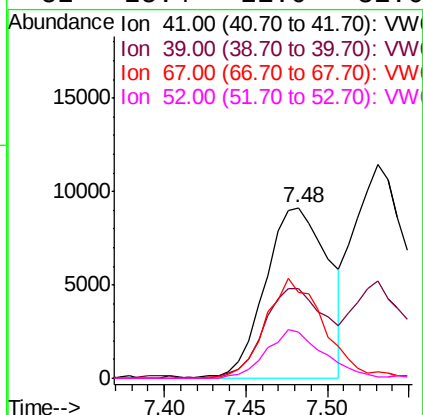
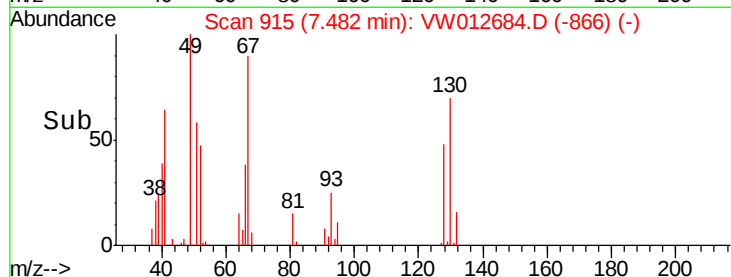
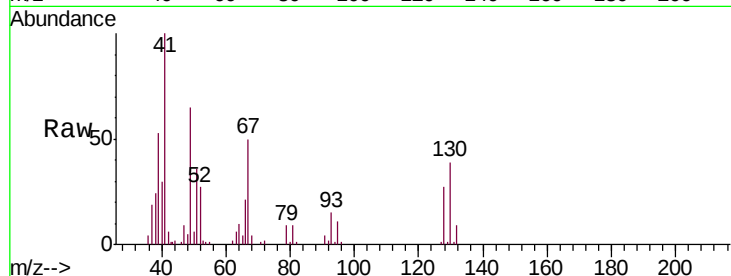
ClientSampleId :

VW0906SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 24531 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 52.3  | 45.8  | 68.8  |
| 67       | 54.1  | 46.2  | 69.4  |
| 52       | 25.4  | 21.0  | 31.6  |

Manual Integrations  
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9/9/2019 4:45:08 AM



#42

1,2-Dichloroethane

Concen: 21.467 ug/l

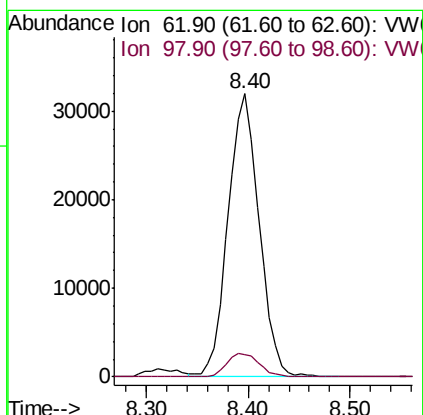
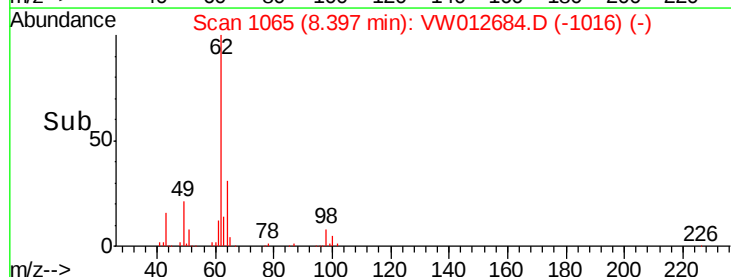
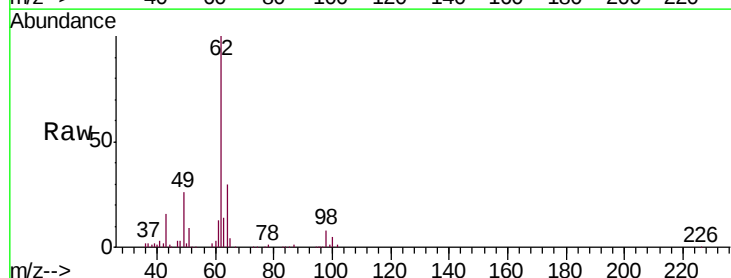
RT: 8.40 min Scan# 1065

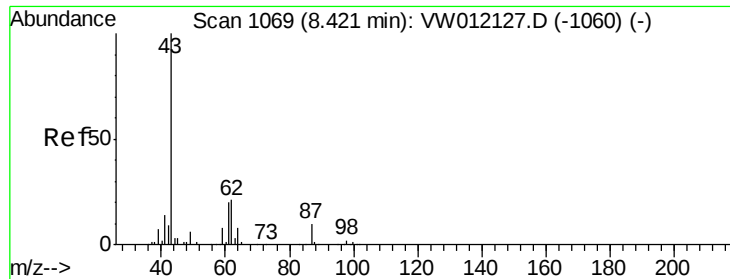
Delta R.T. -0.00 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 67494 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.8   | 0.0   | 16.6  |





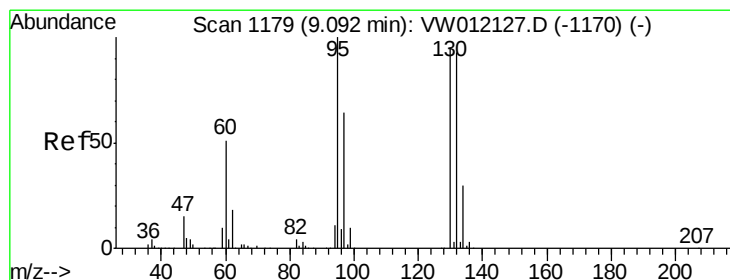
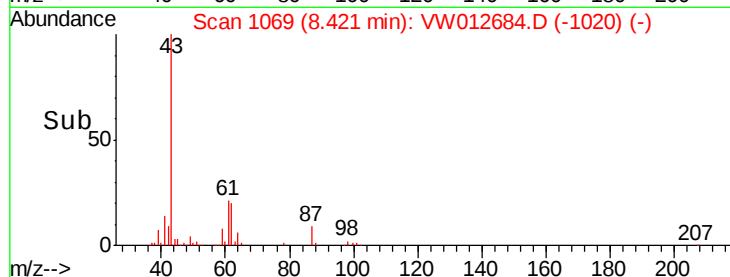
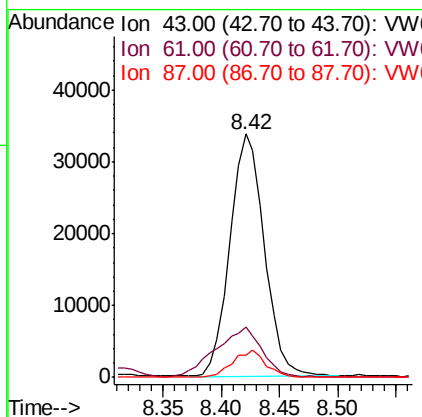
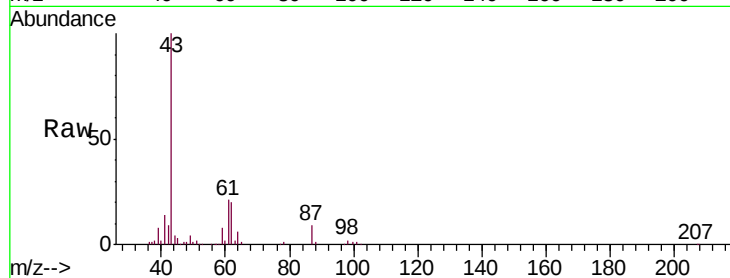
#43  
Isopropyl Acetate  
Concen: 18.682 ug/l  
RT: 8.42 min Scan# 1069  
Delta R.T. -0.00 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 28.0  | 21.1  | 31.7  |
| 87      | 10.7  | 8.2   | 12.2  |

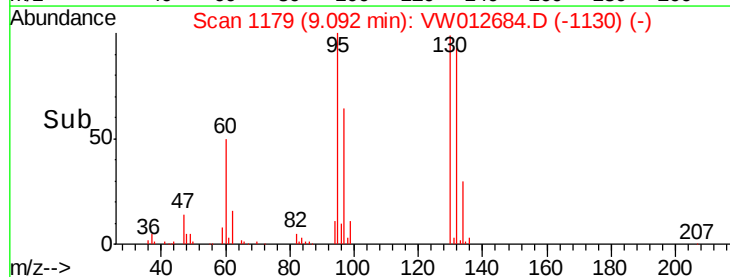
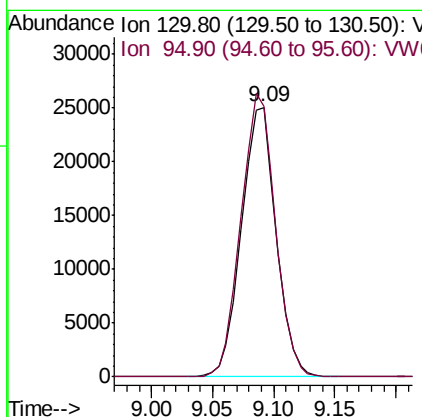
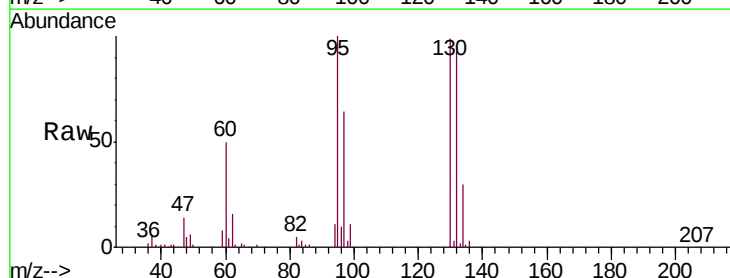
Manual Integrations  
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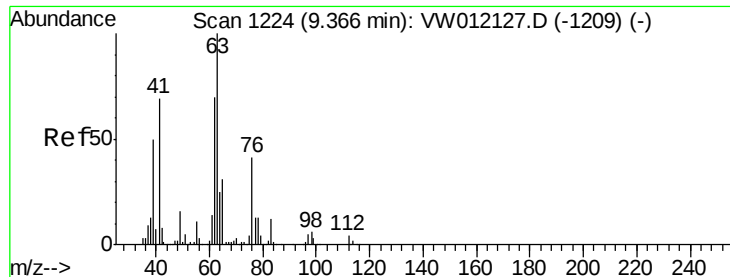
MMDadoda  
9/9/2019 4:45:08 AM



#44  
Trichloroethene  
Concen: 20.282 ug/l  
RT: 9.09 min Scan# 1179  
Delta R.T. -0.00 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 100.6 | 0.0   | 210.6 |





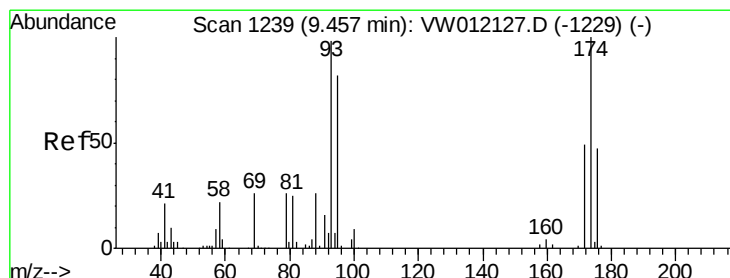
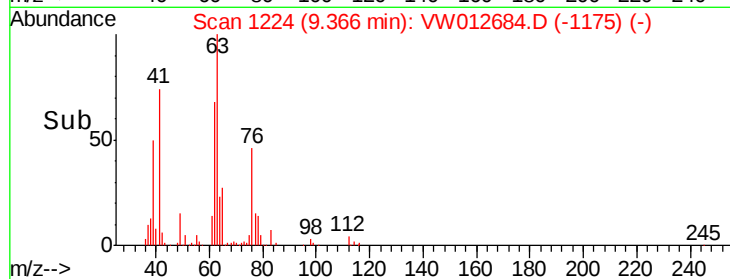
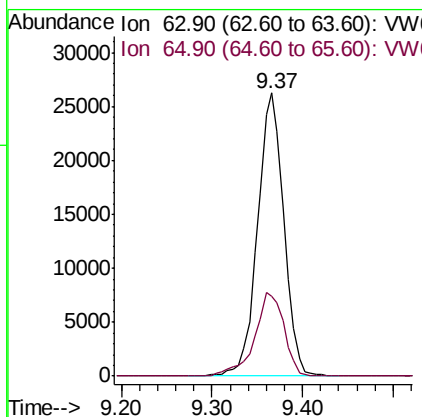
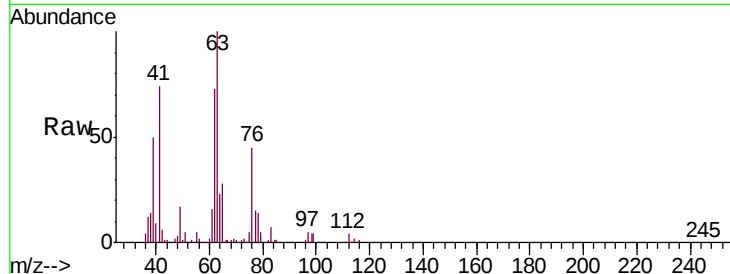
#45  
 1,2-Dichloropropane  
 Concen: 19.443 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0906SBS01

Tgt Ion: 63 Resp: 52495  
 Ion Ratio Lower Upper  
 63 100  
 65 28.2 25.0 37.4

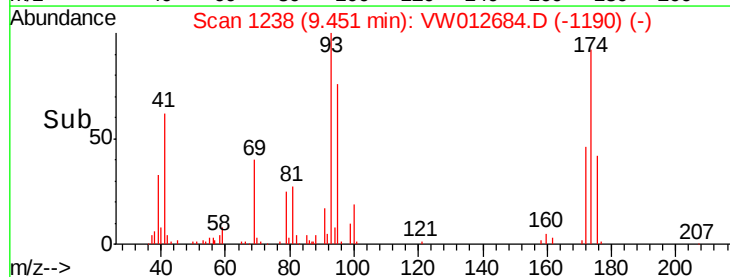
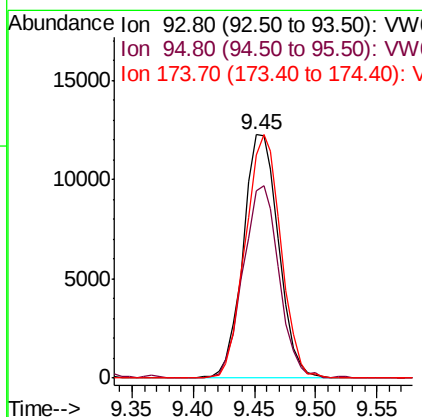
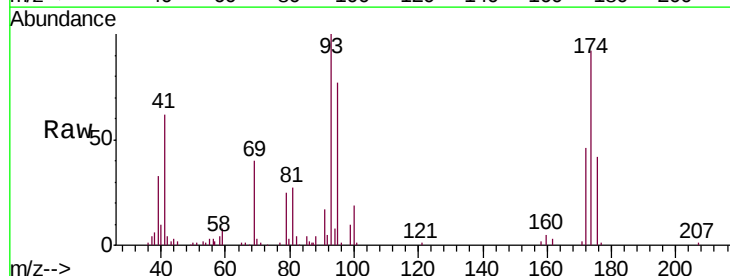
Manual Integrations  
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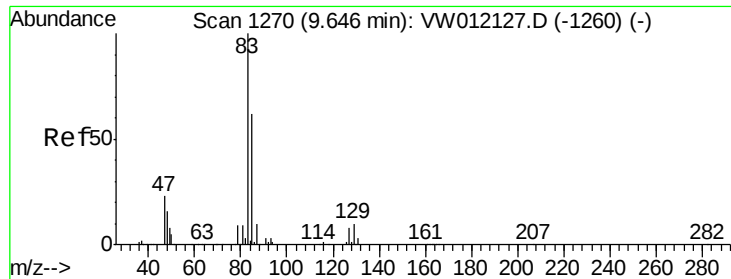
MMDadoda  
 9/9/2019 4:45:08 AM



#46  
 Dibromomethane  
 Concen: 20.566 ug/l  
 RT: 9.45 min Scan# 1238  
 Delta R.T. -0.01 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Tgt Ion: 93 Resp: 24705  
 Ion Ratio Lower Upper  
 93 100  
 95 79.8 67.2 100.8  
 174 100.2 79.0 118.6





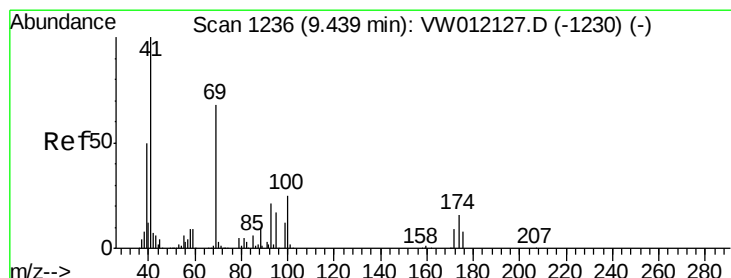
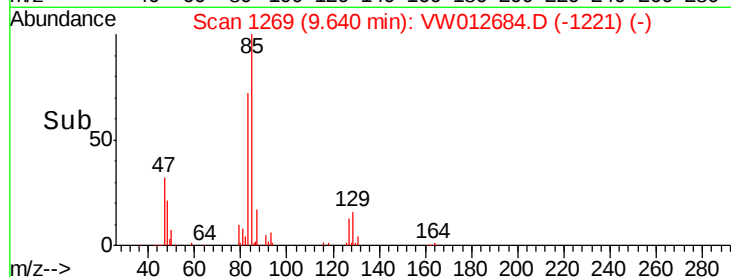
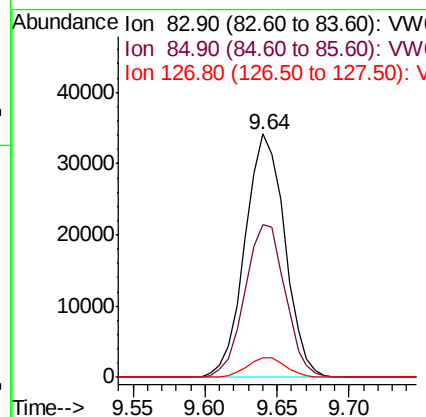
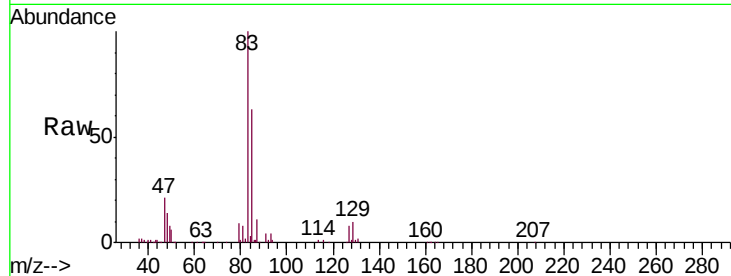
#47  
Bromodichloromethane  
Concen: 20.453 ug/l  
RT: 9.64 min Scan# 1269  
Delta R.T. -0.01 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 83      | 100   | 65391 |       |       |
| 85      | 62.6  | 49.4  | 74.2  |       |
| 127     | 8.0   | 6.1   | 9.1   |       |

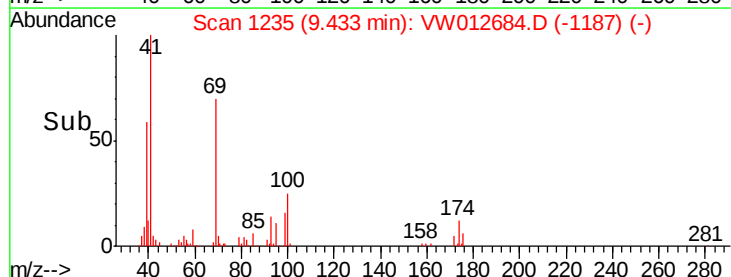
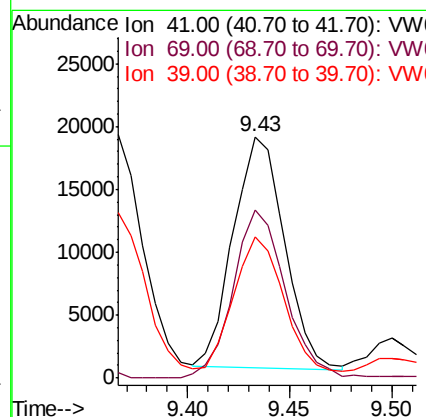
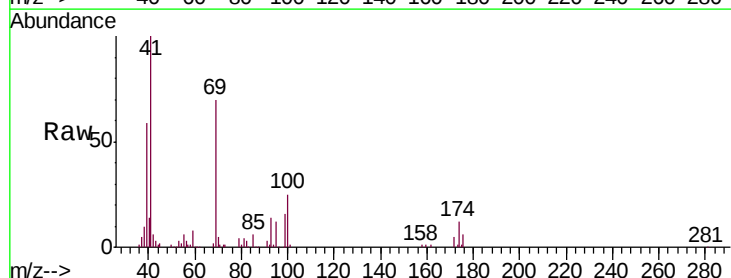
Manual Integrations  
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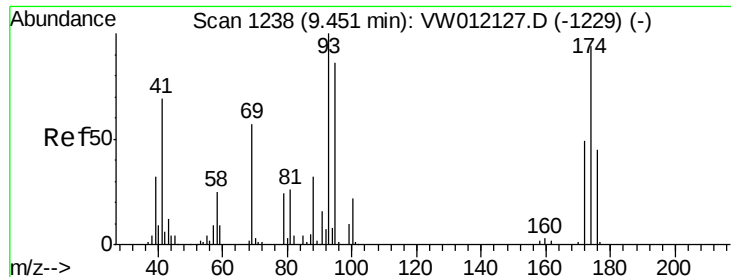
MMDadoda  
9/9/2019 4:45:08 AM



#48  
Methyl methacrylate  
Concen: 18.107 ug/l  
RT: 9.43 min Scan# 1235  
Delta R.T. -0.01 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 32138 |       |       |
| 69      | 74.8  | 56.7  | 85.1  |       |
| 39      | 61.8  | 42.0  | 63.0  |       |





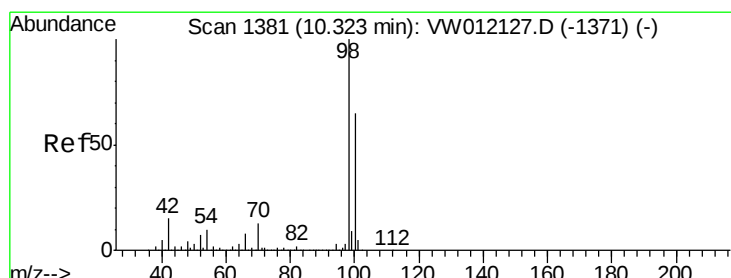
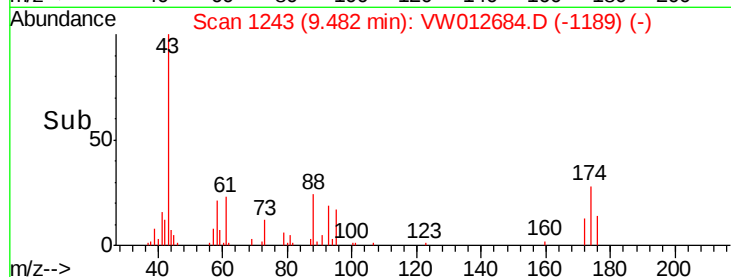
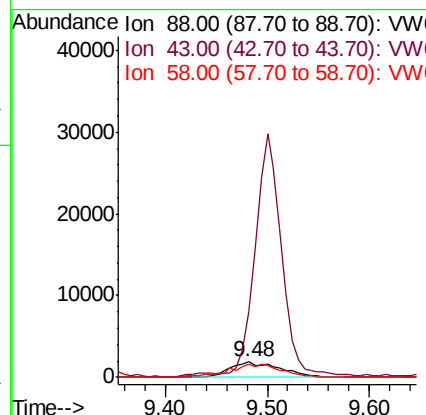
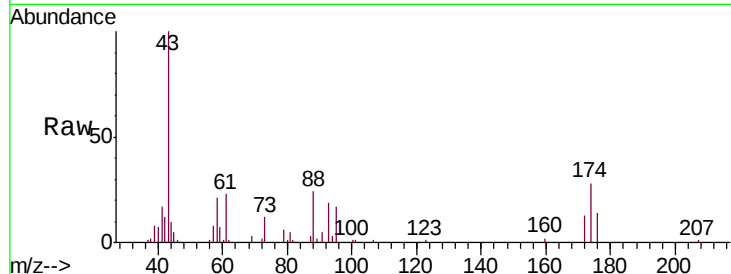
#49  
1,4-Dioxane  
Concen: 350.458 ug/l  
RT: 9.48 min Scan# 1243  
Delta R.T. 0.03 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

Tgt Ion: 88 Resp: 6445  
Ion Ratio Lower Upper  
88 100  
43 822.8 32.9 49.3#  
58 91.2 71.0 106.4

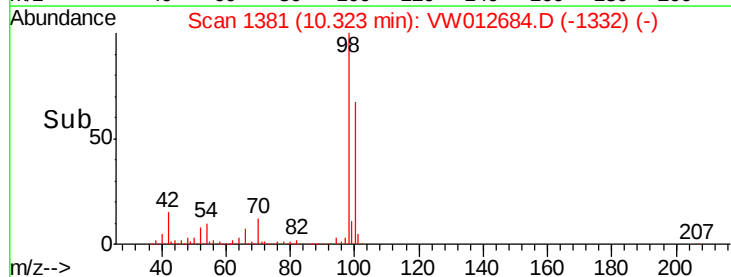
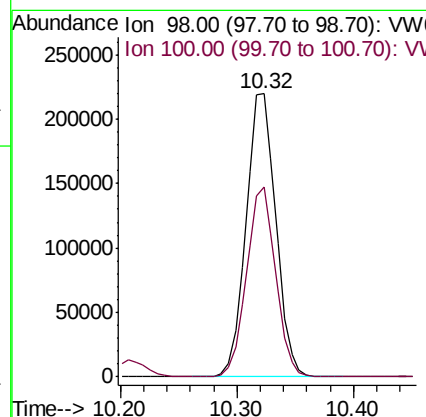
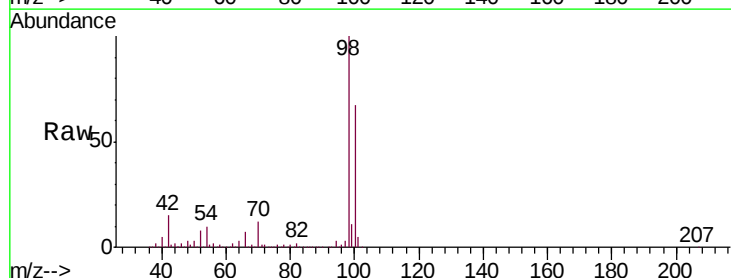
Manual Integrations  
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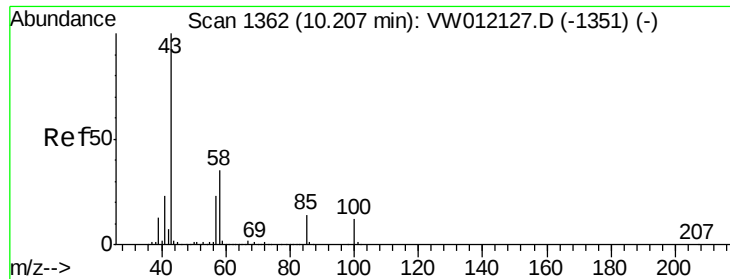
MMDadoda  
9/9/2019 4:45:08 AM



#50  
Toluene-d8  
Concen: 45.764 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Tgt Ion: 98 Resp: 393786  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.4 78.6





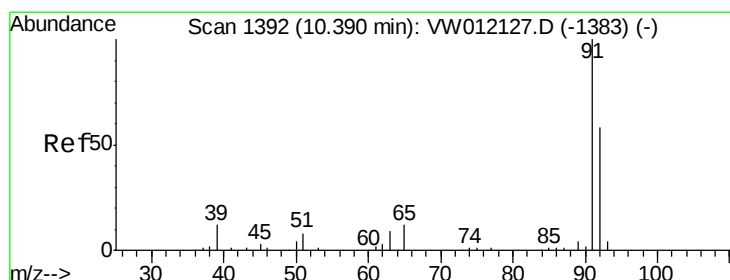
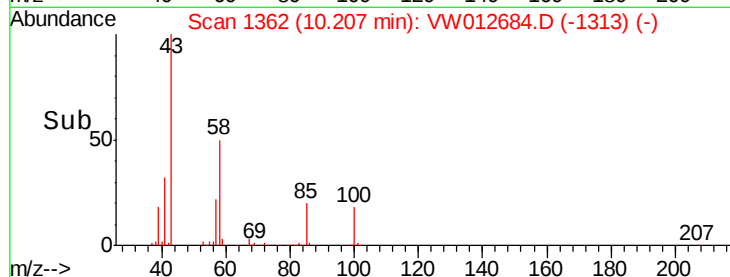
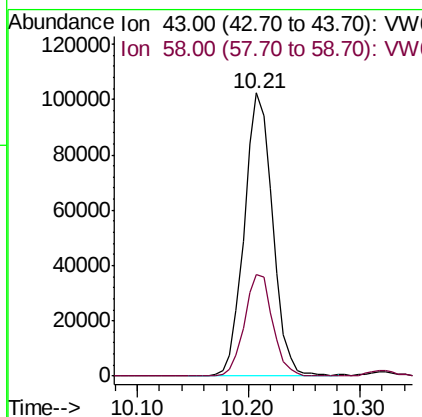
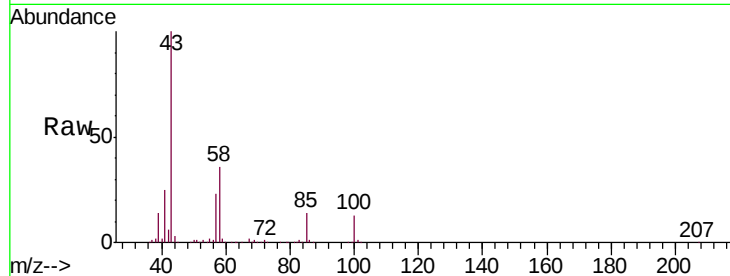
#51  
 4-Methyl-2-Pentanone  
 Concen: 95.439 ug/l  
 RT: 10.21 min Scan# 1362  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0906SBS01

Tgt Ion: 43 Resp: 181029  
 Ion Ratio Lower Upper  
 43 100  
 58 35.7 28.2 42.2

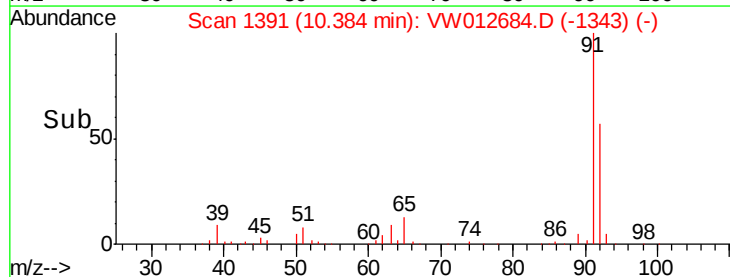
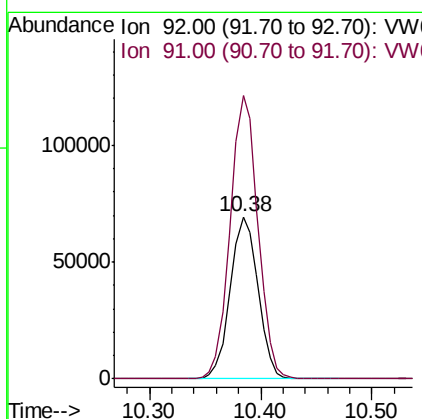
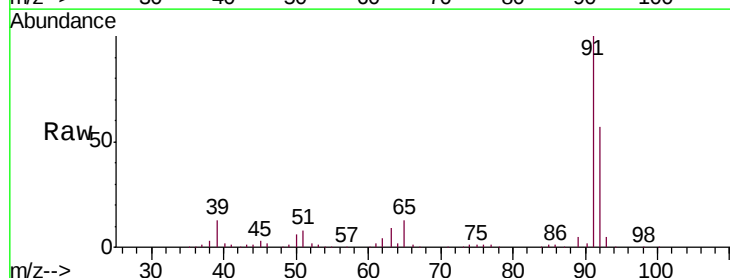
Manual Integrations  
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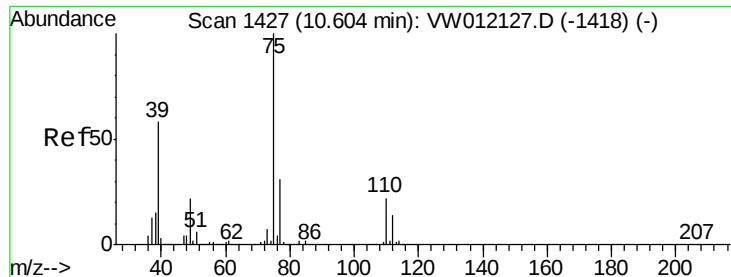
MMDadoda  
 9/9/2019 4:45:08 AM



#52  
 Toluene  
 Concen: 19.901 ug/l  
 RT: 10.38 min Scan# 1391  
 Delta R.T. -0.01 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Tgt Ion: 92 Resp: 119939  
 Ion Ratio Lower Upper  
 92 100  
 91 174.1 136.6 204.8





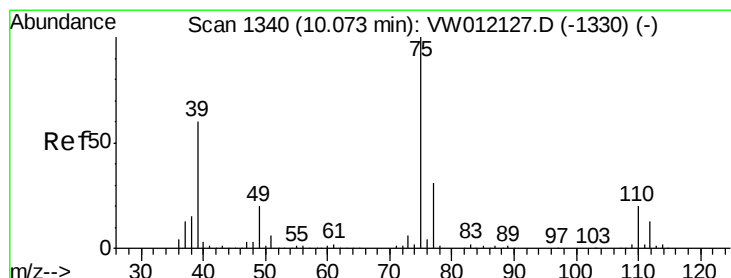
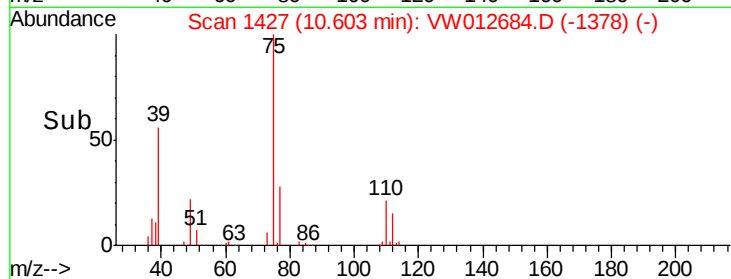
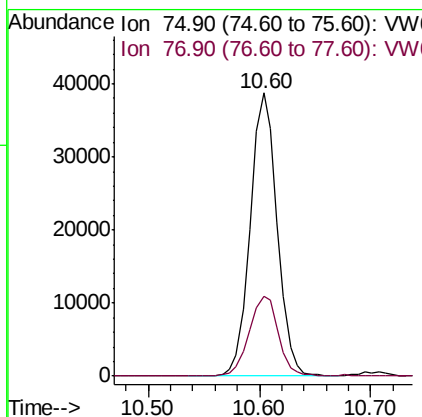
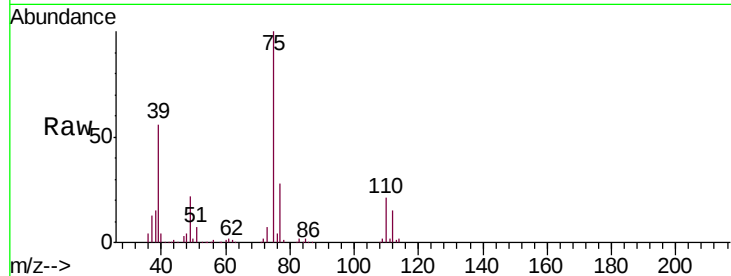
#53  
 t-1,3-Dichloropropene  
 Concen: 19.980 ug/l  
 RT: 10.60 min Scan# 1427  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0906SBS01

Tgt Ion: 75 Resp: 65067  
 Ion Ratio Lower Upper  
 75 100  
 77 28.2 25.0 37.4

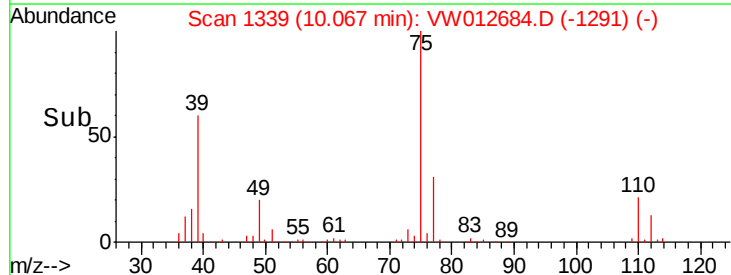
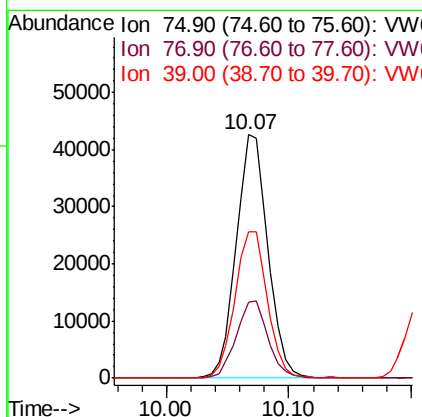
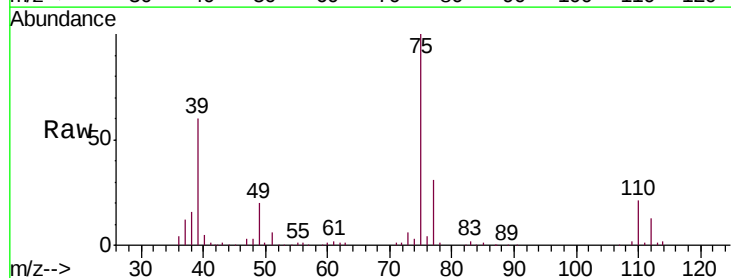
Manual Integrations  
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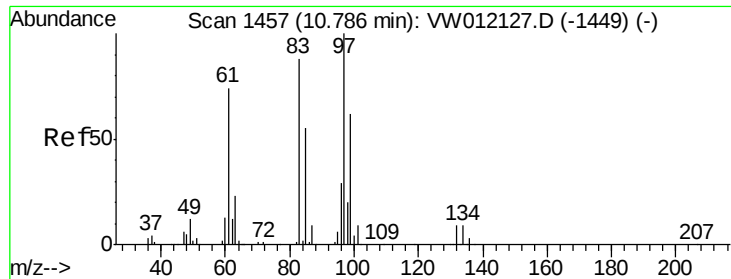
MMDadoda  
 9/9/2019 4:45:08 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.383 ug/l  
 RT: 10.07 min Scan# 1339  
 Delta R.T. -0.01 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Tgt Ion: 75 Resp: 76220  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.1 37.7  
 39 60.1 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 21.064 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

Instrument :

MSVOA\_W

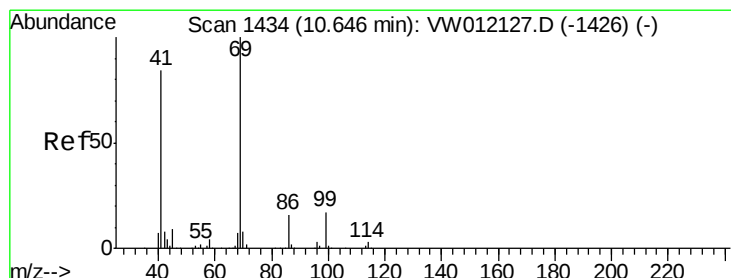
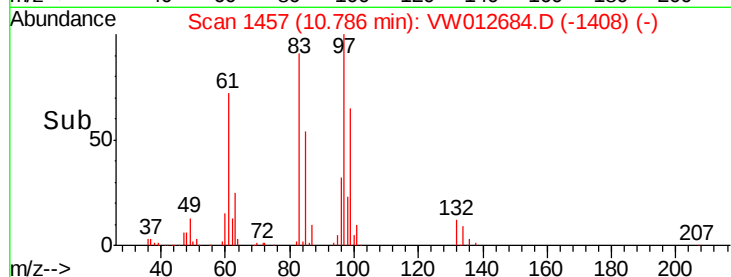
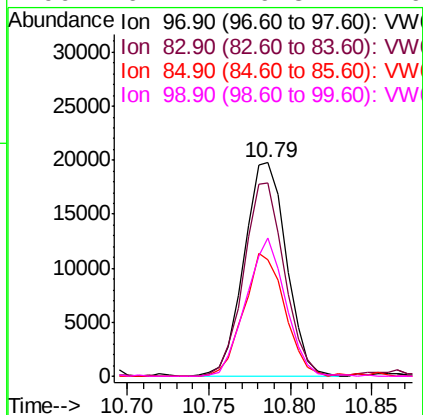
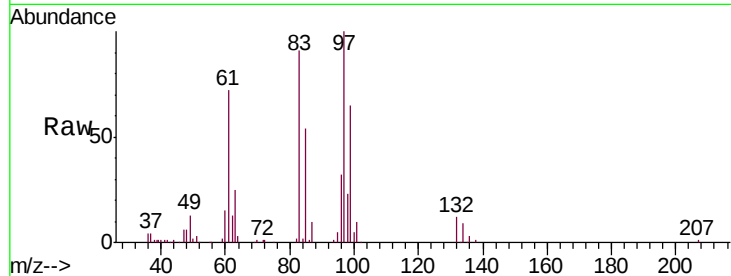
ClientSampleId :

VW0906SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 35801 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 90.6  | 70.8  | 106.2 |
| 85       | 54.4  | 43.8  | 65.8  |
| 99       | 64.7  | 49.8  | 74.6  |

Manual Integrations  
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#56

Ethyl methacrylate

Concen: 19.574 ug/l

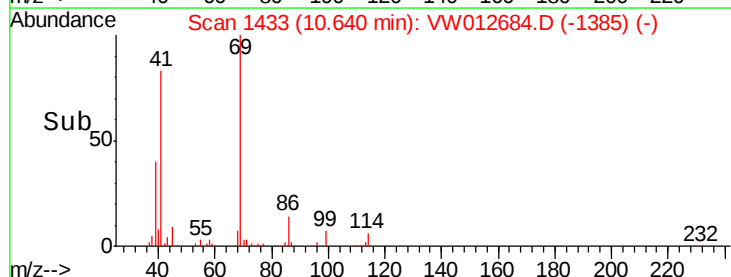
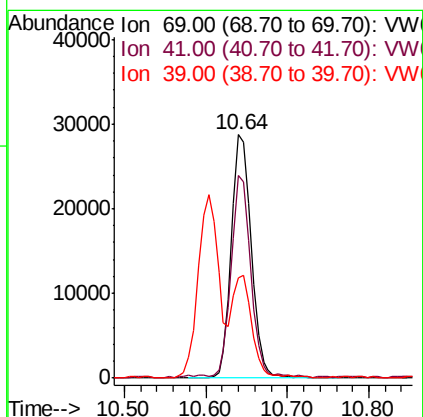
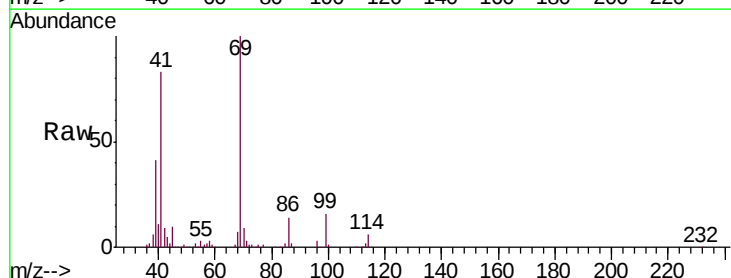
RT: 10.64 min Scan# 1433

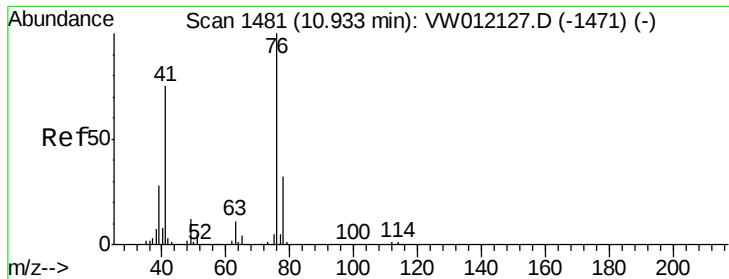
Delta R.T. -0.01 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 48421 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 81.6  | 66.5  | 99.7  |
| 39       | 39.3  | 31.0  | 46.4  |





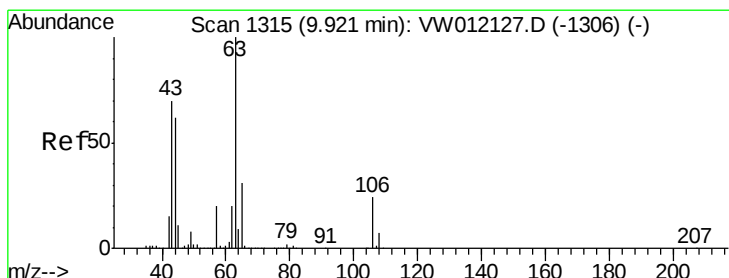
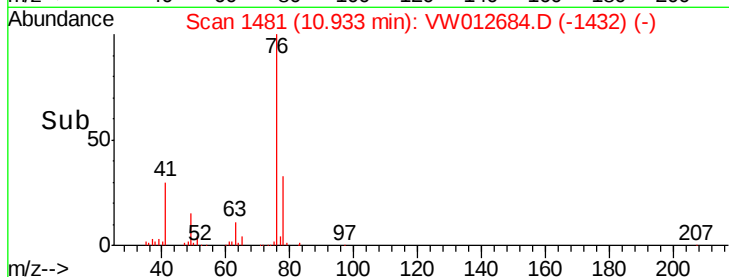
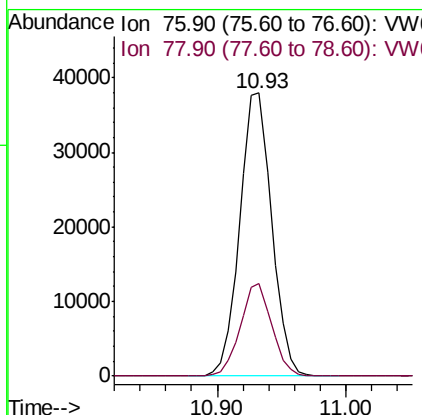
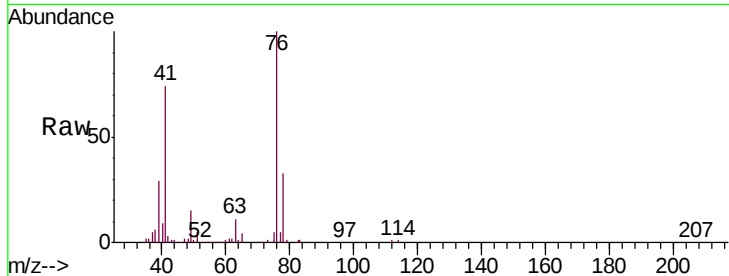
#57  
 1,3-Dichloropropane  
 Concen: 20.269 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0906SBS01

Tgt Ion: 76 Resp: 65102  
 Ion Ratio Lower Upper  
 76 100  
 78 32.1 25.8 38.8

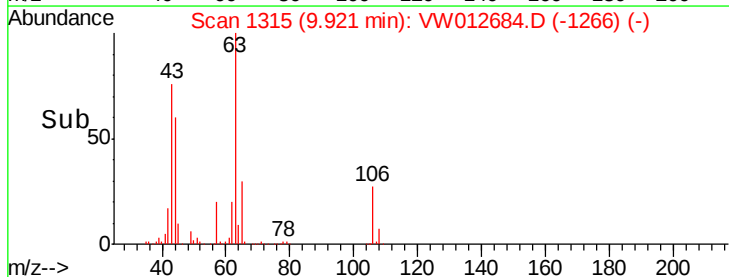
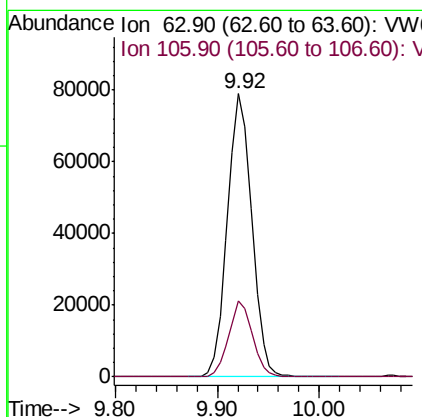
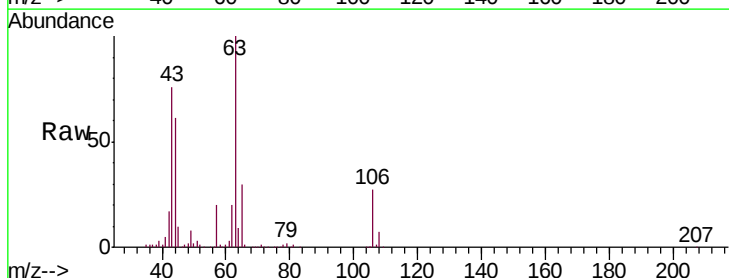
Manual Integrations  
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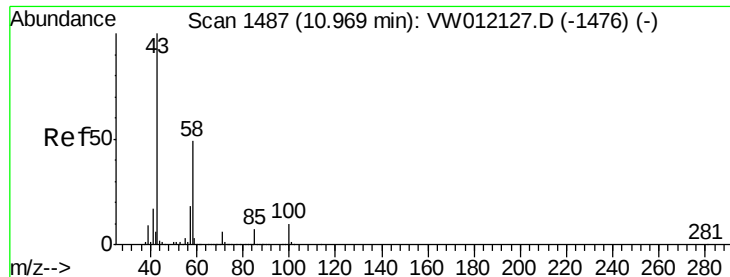
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 9/9/2019 4:45:08 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 103.326 ug/l  
 RT: 9.92 min Scan# 1315  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Tgt Ion: 63 Resp: 131178  
 Ion Ratio Lower Upper  
 63 100  
 106 26.1 19.8 29.8





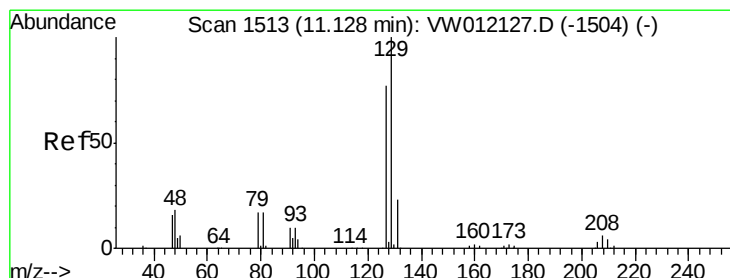
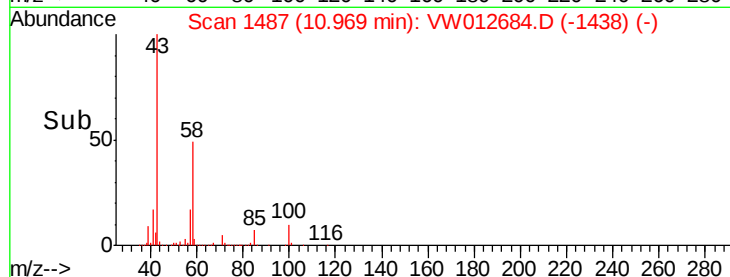
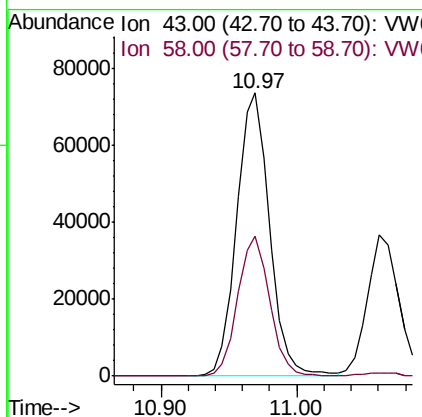
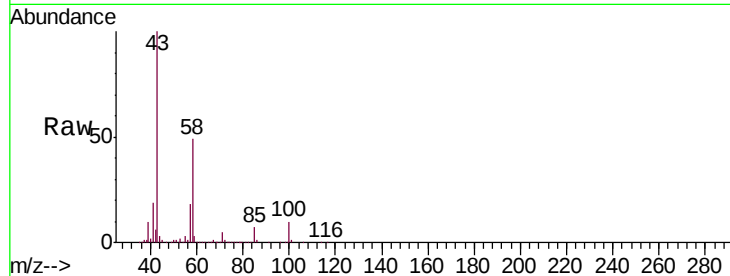
#59  
2-Hexanone  
Concen: 91.979 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 48.5  | 24.3  | 72.9  |

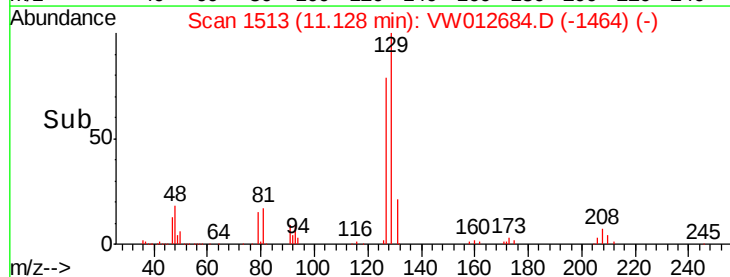
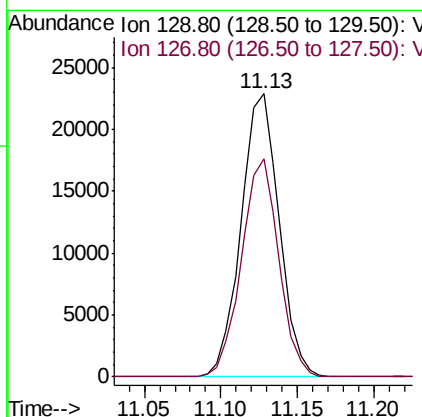
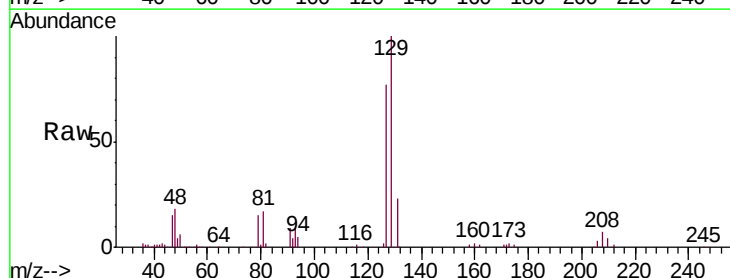
Manual Integrations  
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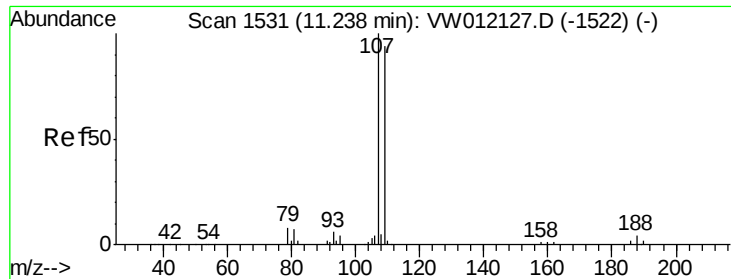
MMDadoda  
9/9/2019 4:45:08 AM



#60  
Dibromochloromethane  
Concen: 20.921 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 75.4  | 38.6  | 115.8 |





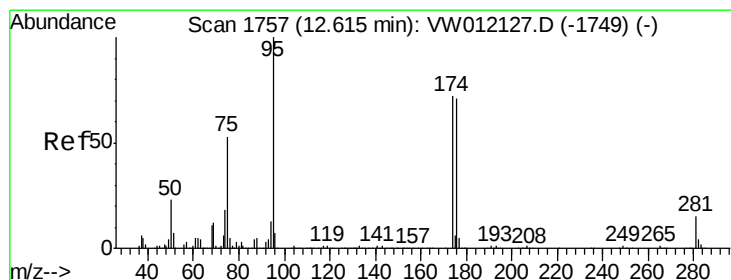
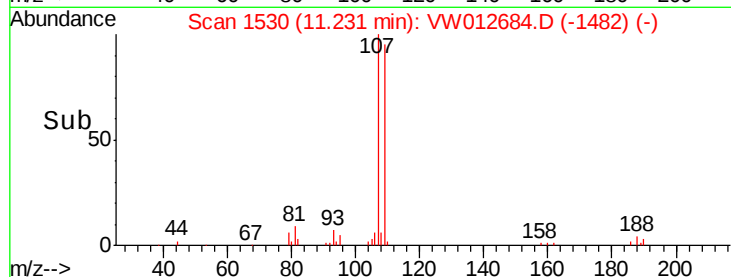
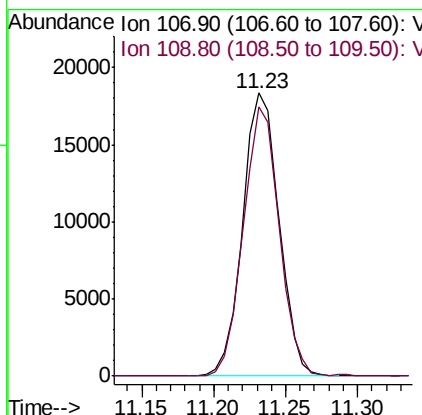
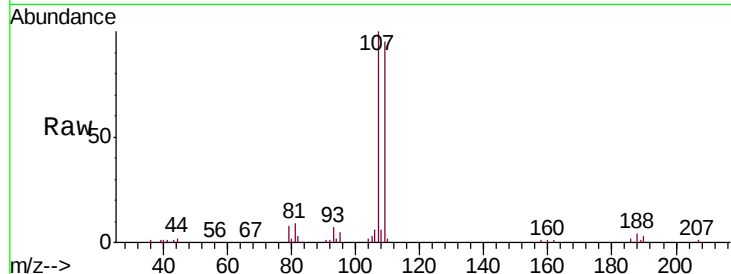
#61  
 1,2-Dibromoethane  
 Concen: 20.202 ug/l  
 RT: 11.23 min Scan# 1530  
 Delta R.T. -0.01 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0906SBS01

Tgt Ion: 107 Resp: 31988  
 Ion Ratio Lower Upper  
 107 100  
 109 94.0 75.4 113.2

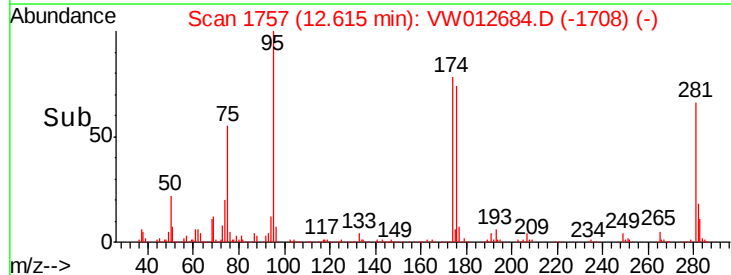
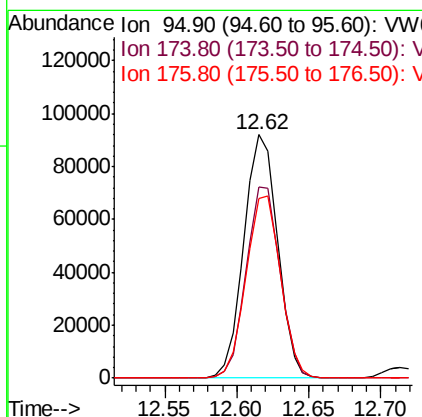
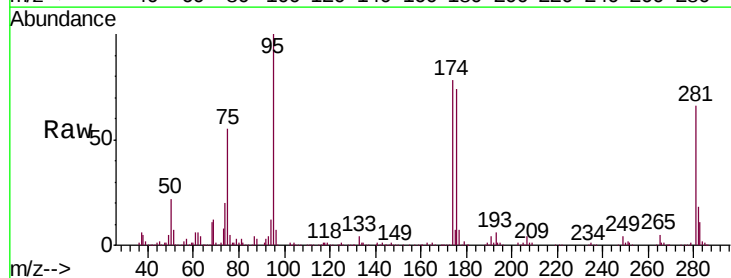
Manual Integrations  
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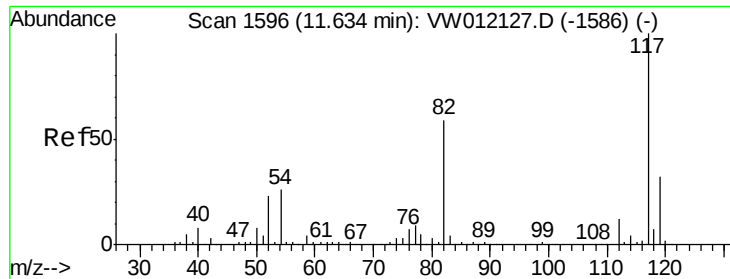
MMDadoda  
 9/9/2019 4:45:08 AM



#62  
 4-Bromofluorobenzene  
 Concen: 49.276 ug/l  
 RT: 12.62 min Scan# 1757  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Tgt Ion: 95 Resp: 149461  
 Ion Ratio Lower Upper  
 95 100  
 174 78.8 0.0 150.8  
 176 76.5 0.0 148.6





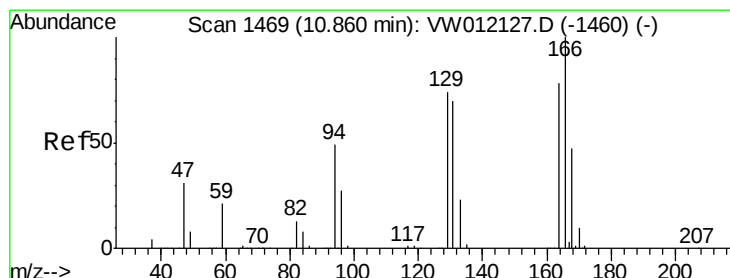
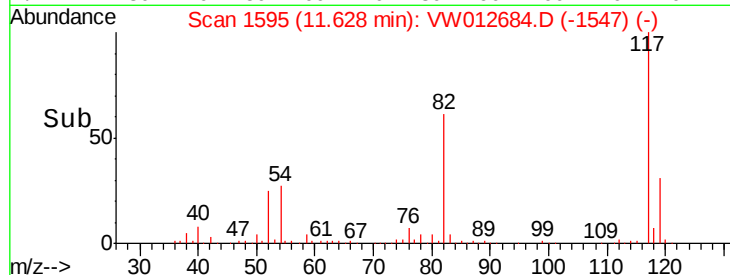
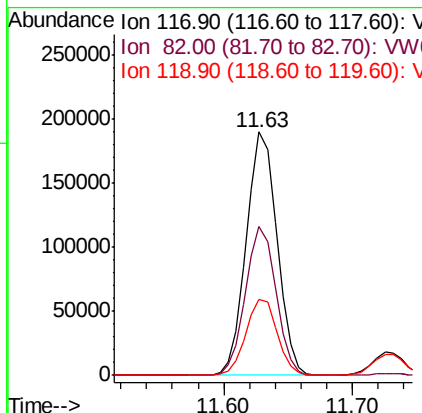
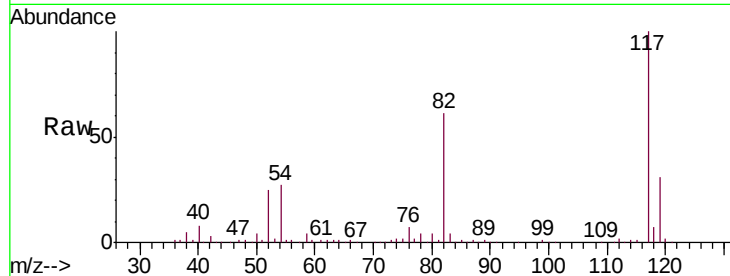
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1595  
Delta R.T. -0.01 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 313850 |       |       |
| 82      | 61.2  | 47.4   | 71.2  |       |
| 119     | 31.4  | 25.4   | 38.2  |       |

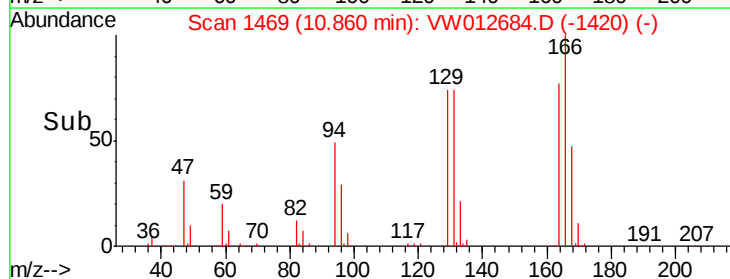
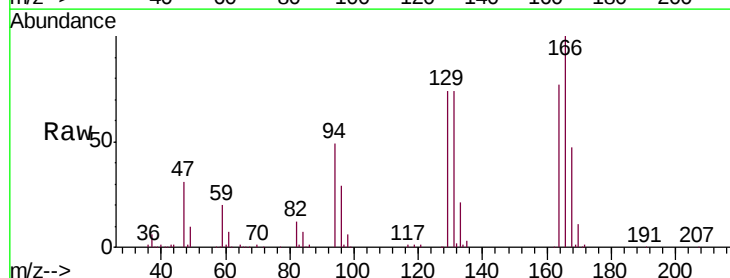
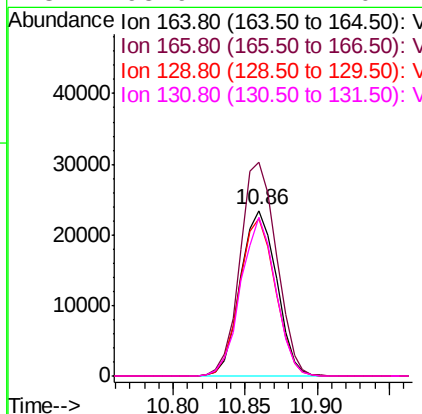
Manual Integrations  
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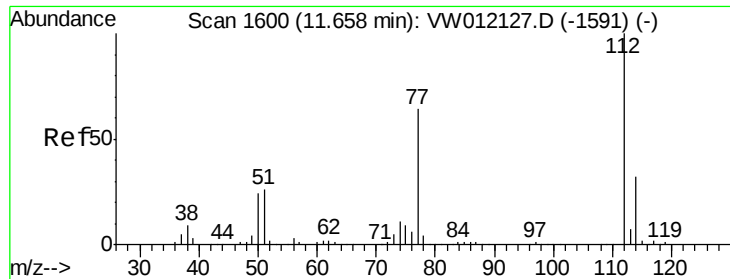
MMDadoda  
9/9/2019 4:45:08 AM



#64  
Tetrachloroethene  
Concen: 19.995 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 40685 |       |       |
| 166     | 129.3 | 102.4 | 153.6 |       |
| 129     | 95.6  | 75.8  | 113.6 |       |
| 131     | 95.9  | 71.4  | 107.2 |       |





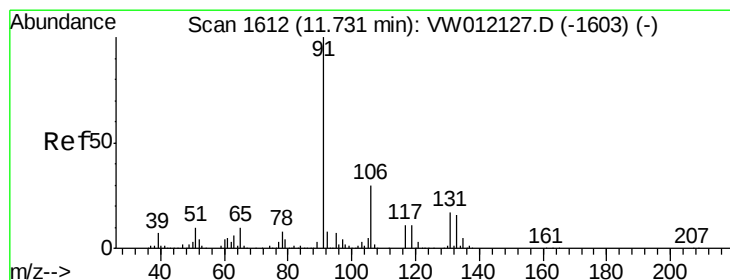
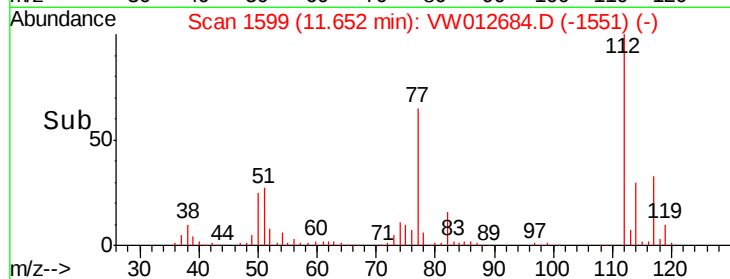
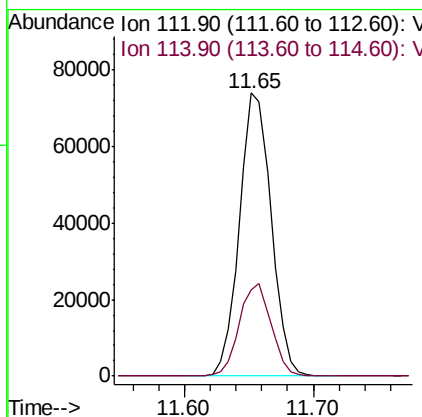
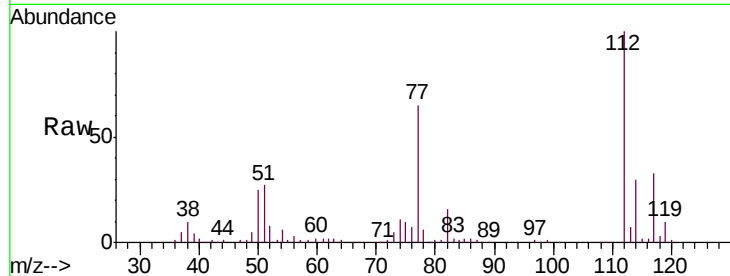
#65  
Chlorobenzene  
Concen: 20.432 ug/l  
RT: 11.65 min Scan# 1599  
Delta R.T. -0.01 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

Tgt Ion:112 Resp: 126271  
Ion Ratio Lower Upper  
112 100  
114 30.4 25.8 38.6

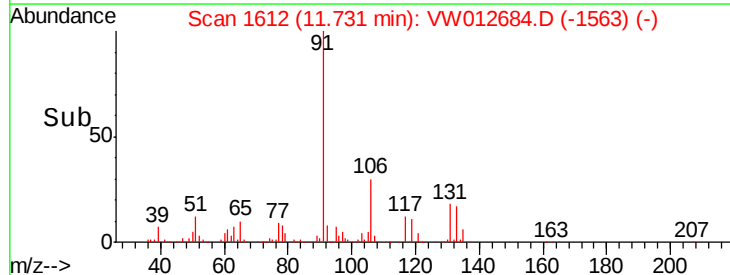
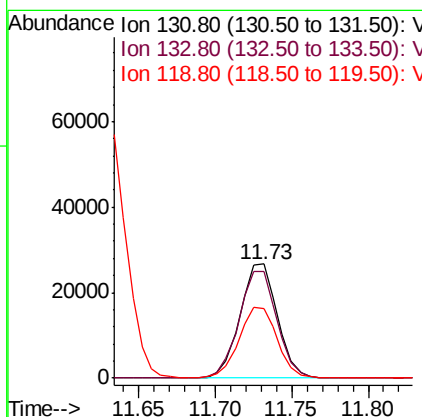
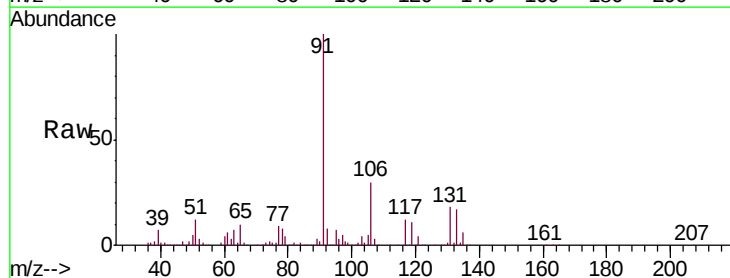
Manual Integrations  
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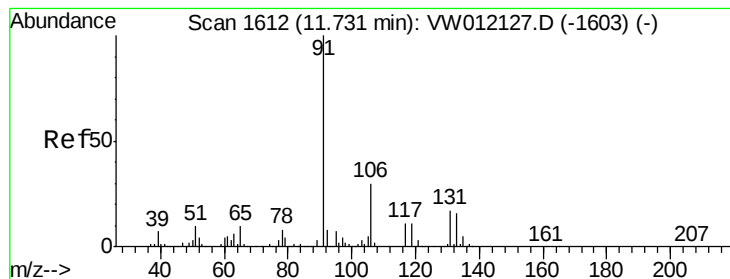
MMDadoda  
9/9/2019 4:45:08 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.963 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Tgt Ion:131 Resp: 45195  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.1 141.3  
119 63.2 31.8 95.3





#67

Ethyl Benzene

Concen: 20.259 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0906SBS01

Tgt Ion: 91 Resp: 241174

Ion Ratio Lower Upper

91 100

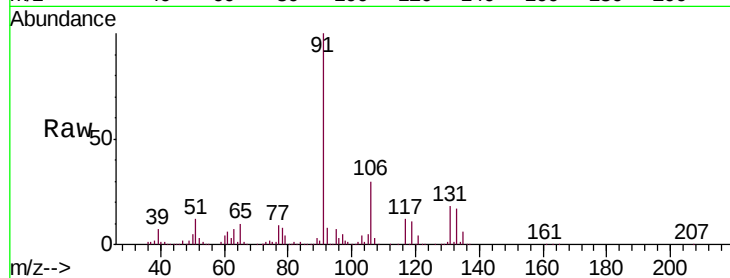
106 30.0 24.3 36.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

11.73

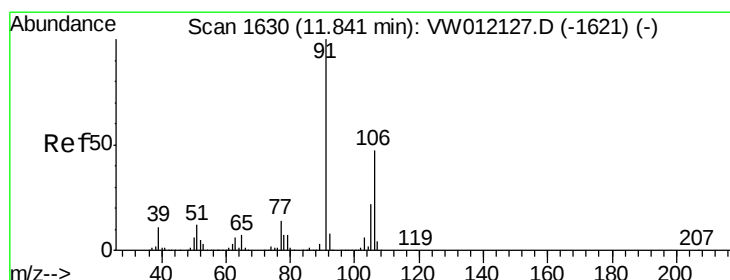
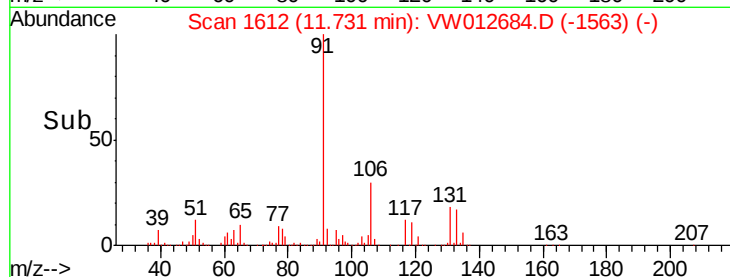
150000

100000

50000

0

Time-->



#68

m/p-Xylenes

Concen: 40.781 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW012684.D

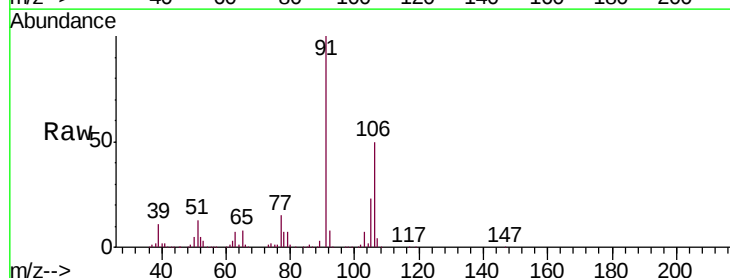
Acq: 06 Sep 2019 12:06

Tgt Ion: 106 Resp: 174879

Ion Ratio Lower Upper

106 100

91 208.0 169.5 254.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

11.83

200000

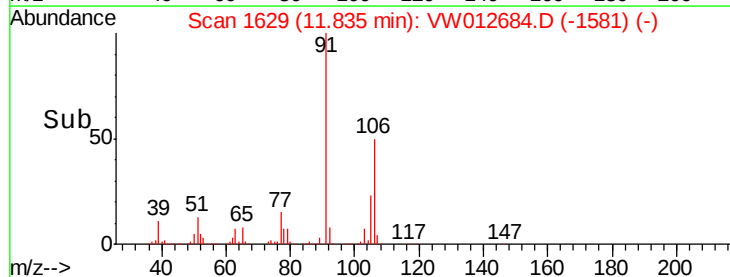
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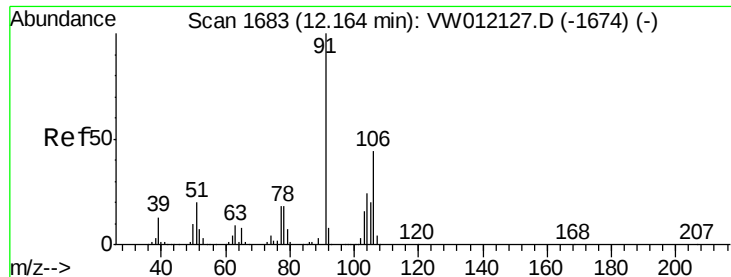
100000

50000

0

Time-->





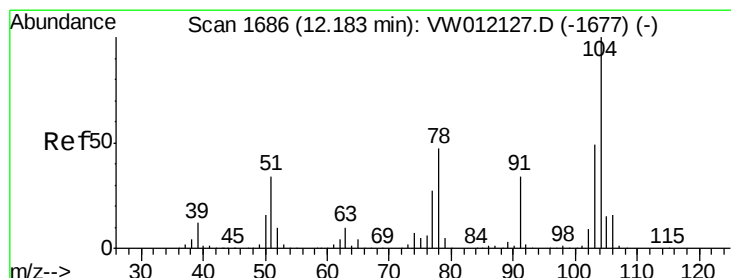
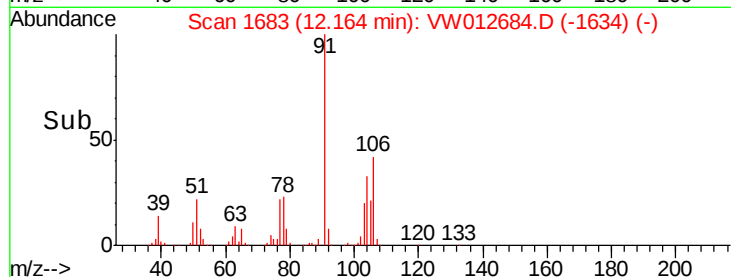
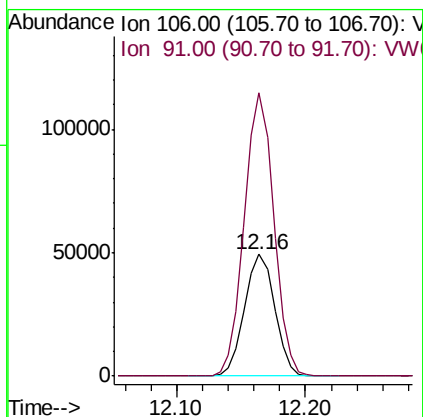
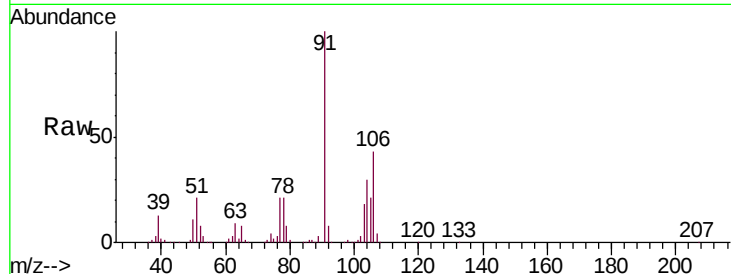
#69  
o-Xylene  
Concen: 20.128 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

Tgt Ion:106 Resp: 79884  
Ion Ratio Lower Upper  
106 100  
91 227.1 111.6 334.6

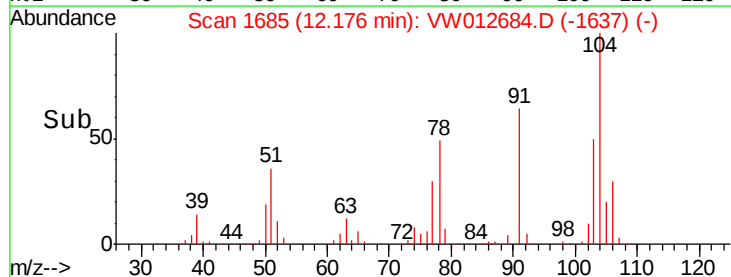
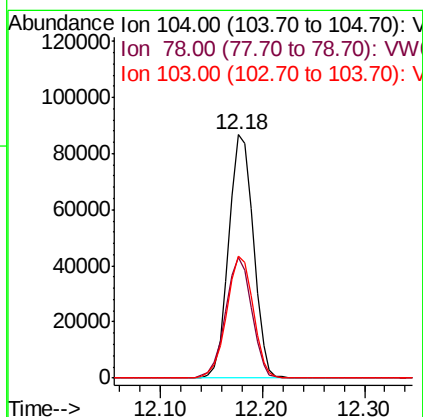
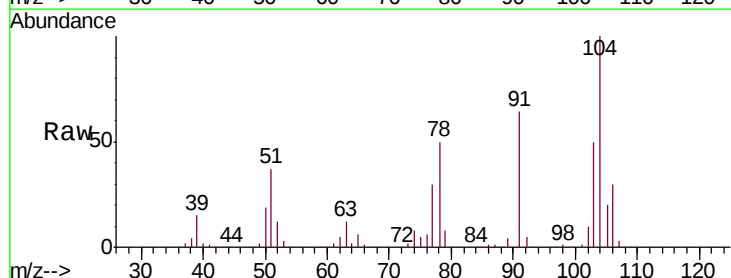
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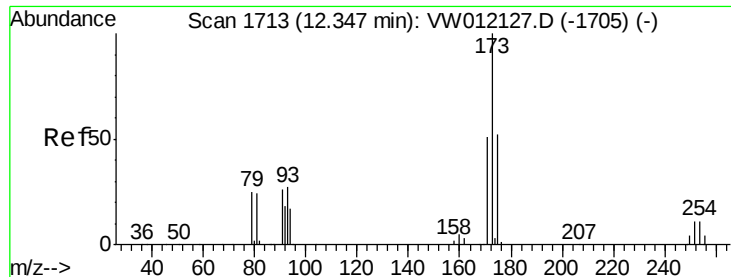
MMDadoda  
9/9/2019 4:45:08 AM



#70  
Styrene  
Concen: 21.056 ug/l  
RT: 12.18 min Scan# 1685  
Delta R.T. -0.01 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Tgt Ion:104 Resp: 144647  
Ion Ratio Lower Upper  
104 100  
78 52.9 43.1 64.7  
103 53.9 43.5 65.3





#71

Bromoform

Concen: 21.273 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

Instrument :

MSVOA\_W

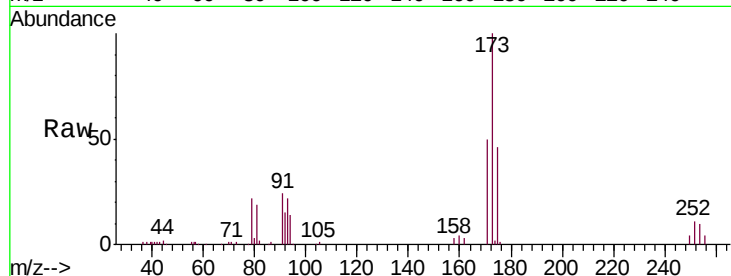
ClientSampleId :

VW0906SBS01

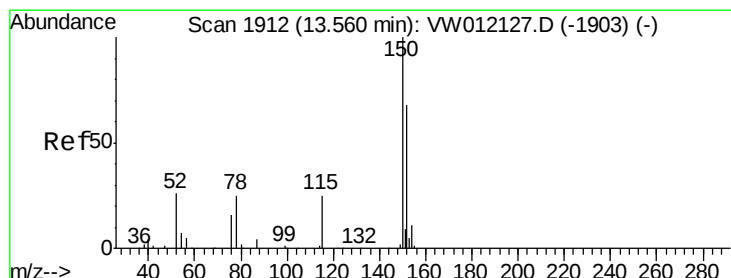
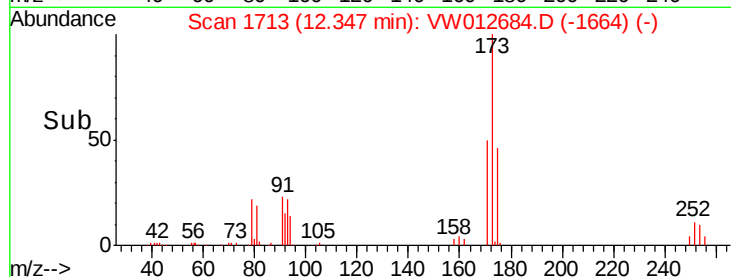
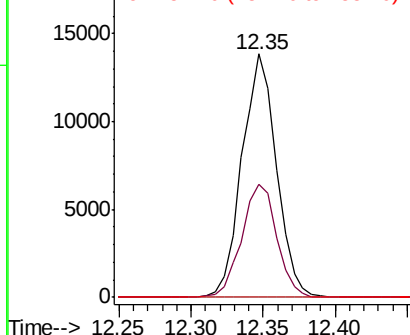
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 22850 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 47.3  | 24.6  | 74.0  |
| 254       | 0.0   | 0.2   | 0.2#  |

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

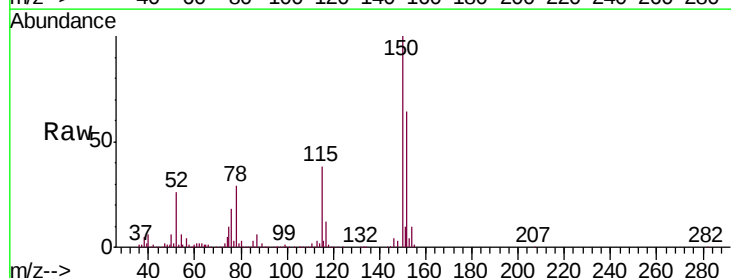
RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

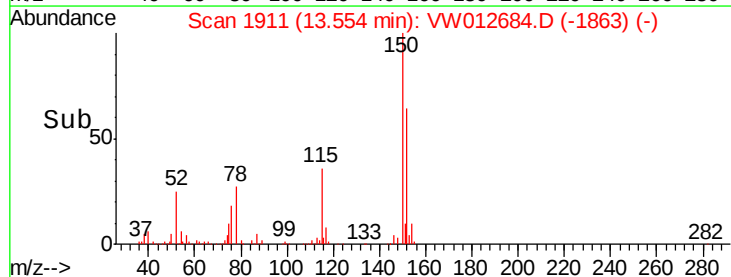
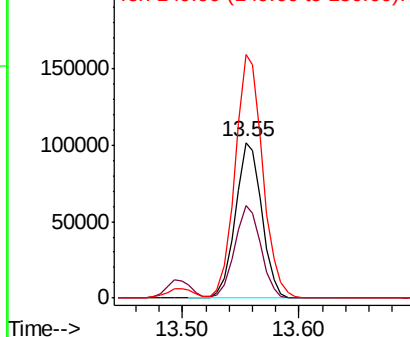
Lab File: VW012684.D

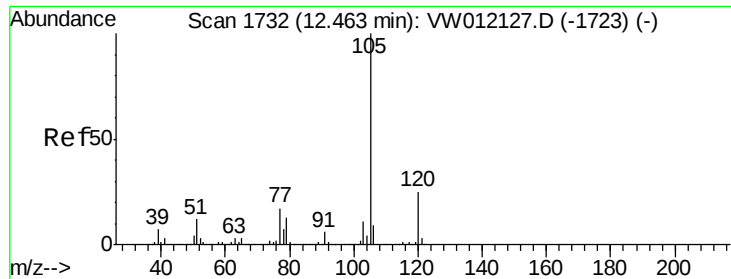
Acq: 06 Sep 2019 12:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 159909 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 59.1  | 30.1  | 90.3   |
| 150       | 163.7 | 0.0   | 345.8  |



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





#73

Isopropylbenzene

Concen: 19.611 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0906SBS01

Tgt Ion: 105 Resp: 234987

Ion Ratio Lower Upper

105 100

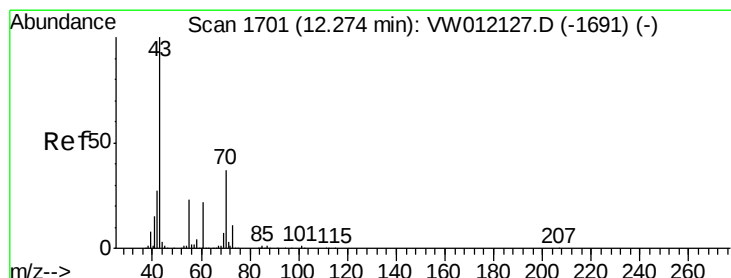
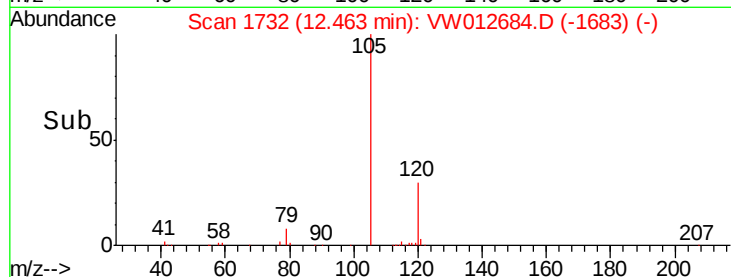
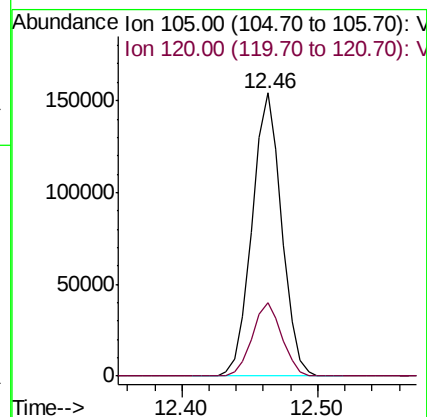
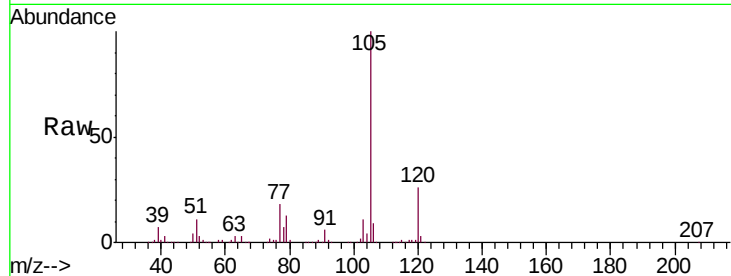
120 25.9 12.5 37.5

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#74

N-ethyl acetate

Concen: 17.981 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

Tgt Ion: 43 Resp: 65095

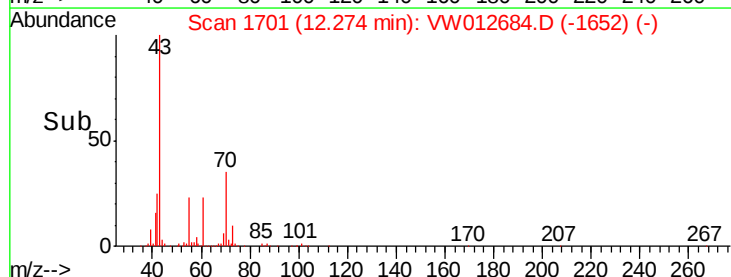
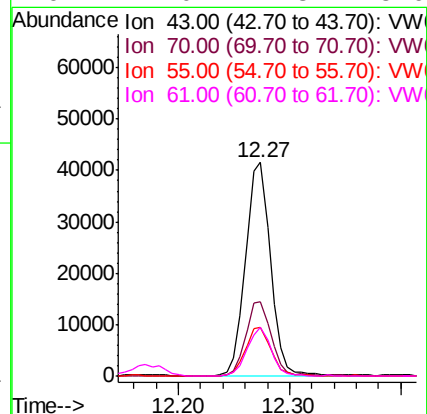
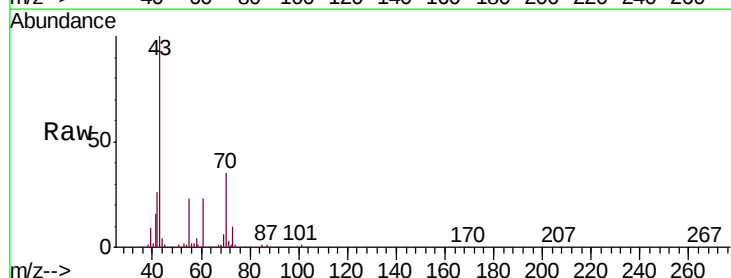
Ion Ratio Lower Upper

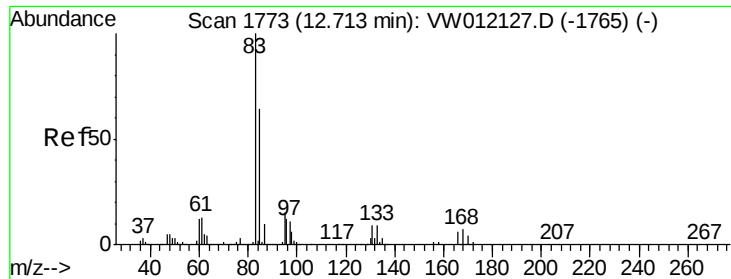
43 100

70 35.6 28.6 43.0

55 23.6 17.8 26.6

61 22.0 17.3 25.9





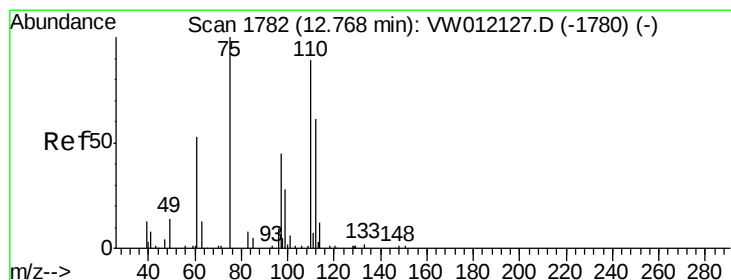
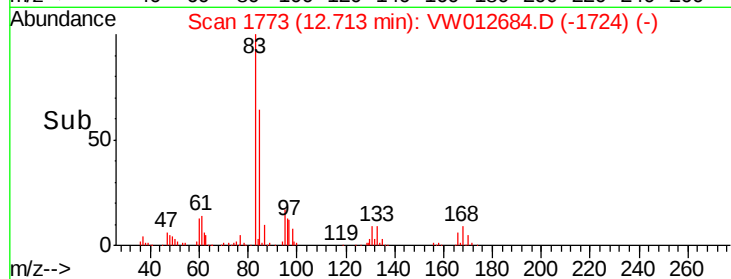
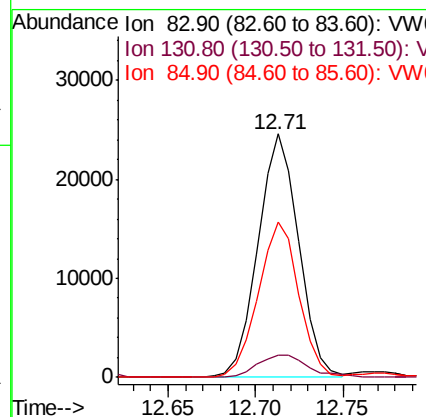
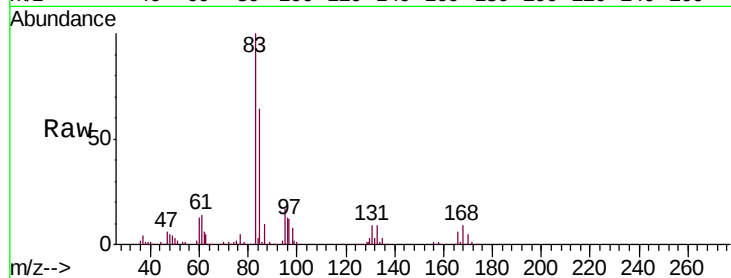
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 18.179 ug/l  
 RT: 12.71 min Scan# 1773  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0906SBS01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 83      | 100   | 39934 |       |       |
| 131     | 11.2  | 4.9   | 14.7  |       |
| 85      | 63.5  | 31.9  | 95.7  |       |

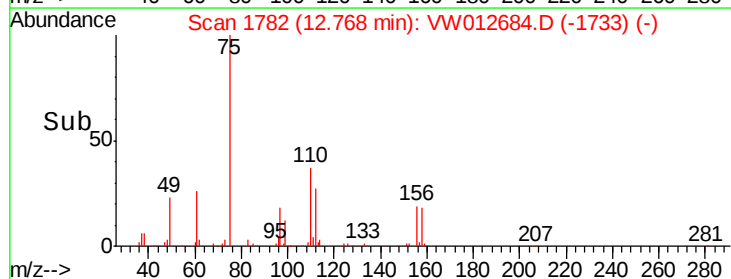
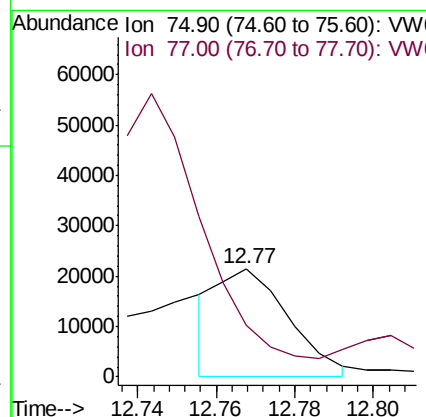
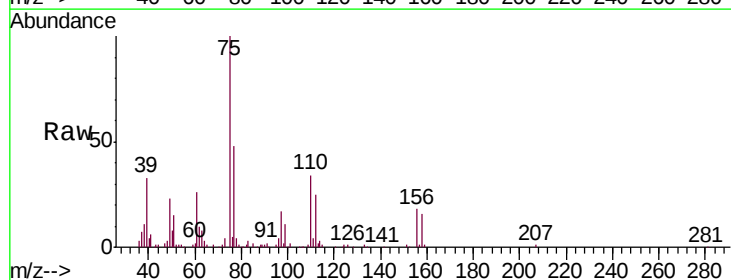
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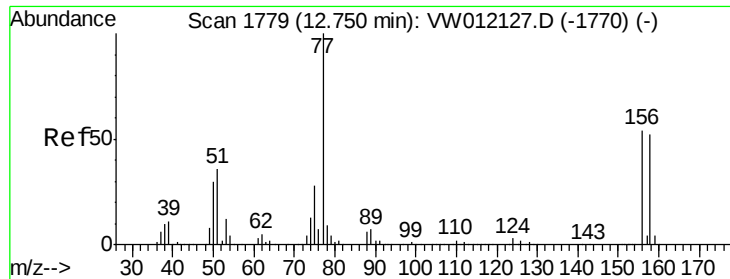
MMDadoda  
 9/9/2019 4:45:08 AM



#76  
 1,2,3-Trichloropropane  
 Concen: 17.491 ug/l m  
 RT: 12.77 min Scan# 1782  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 27240 |       |       |
| 77      | 0.0   | 0.0   | 0.0   |       |





#77

Bromobenzene

Concen: 19.233 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

Instrument :

MSVOA\_W

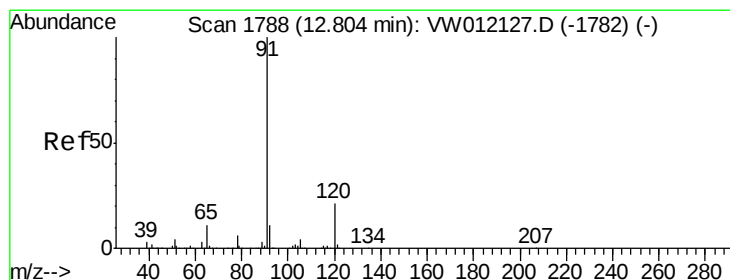
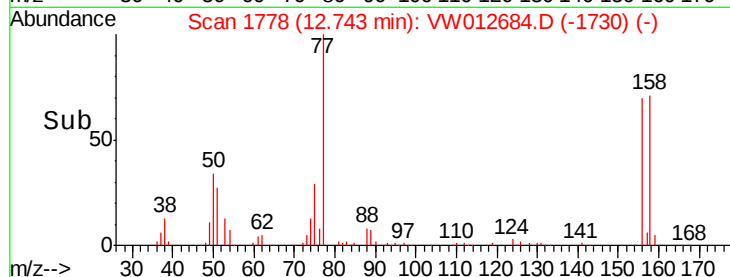
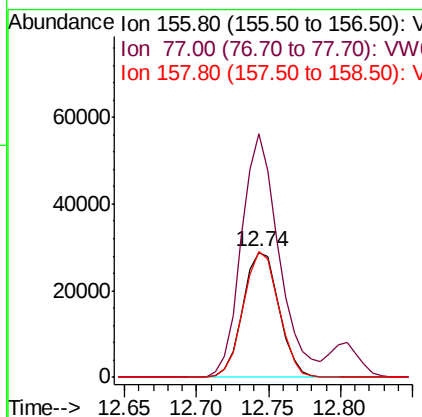
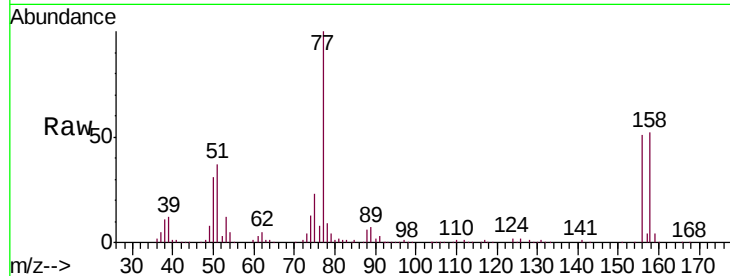
ClientSampleId :

VW0906SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 49855 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 204.3 | 107.3 | 321.8 |
| 158       | 98.9  | 49.0  | 147.0 |

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#78

n-propylbenzene

Concen: 19.148 ug/l

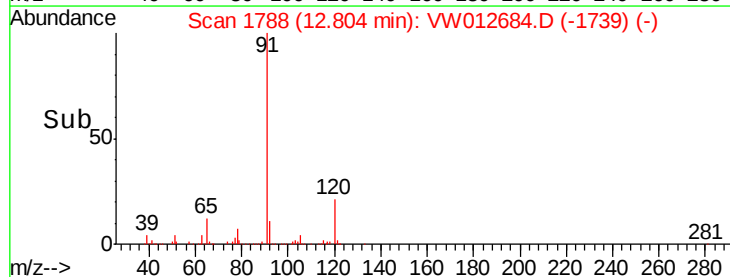
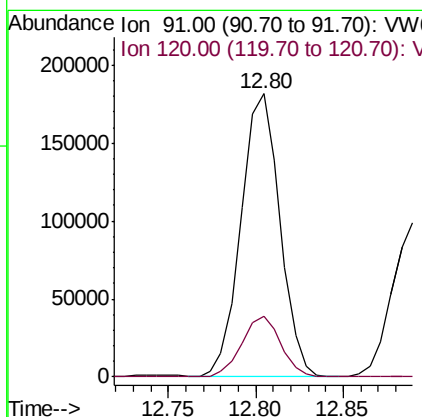
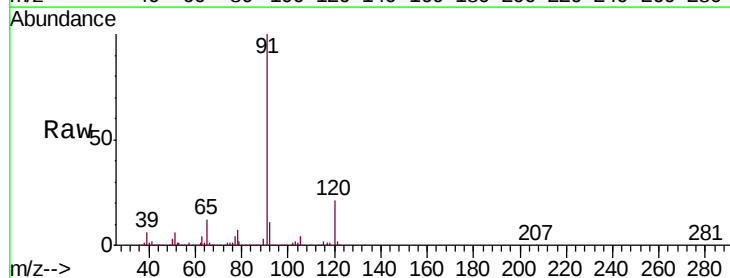
RT: 12.80 min Scan# 1788

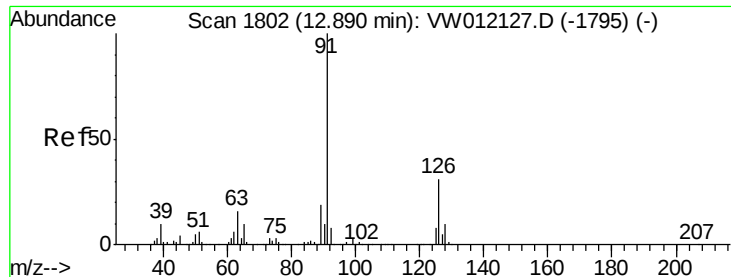
Delta R.T. -0.00 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 280089 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 21.5  | 10.5  | 31.6   |





#79

2-Chlorotoluene

Concen: 19.370 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012684.D

Acq: 06 Sep 2019 12:06

Instrument :

MSVOA\_W

ClientSampleId :

VW0906SBS01

Tgt Ion: 91 Resp: 160864

Ion Ratio Lower Upper

91 100

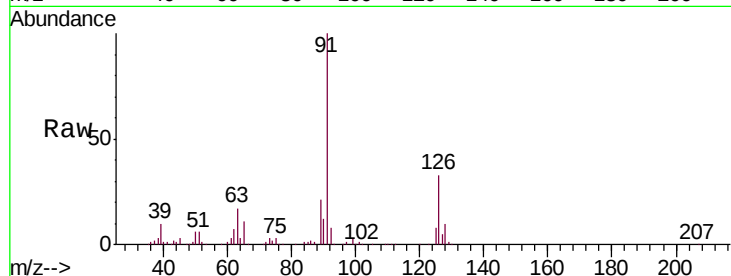
126 32.4 15.7 47.0

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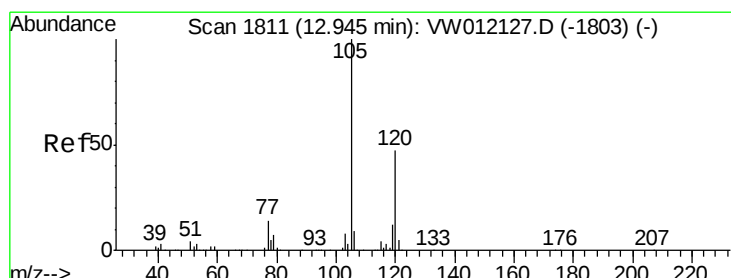
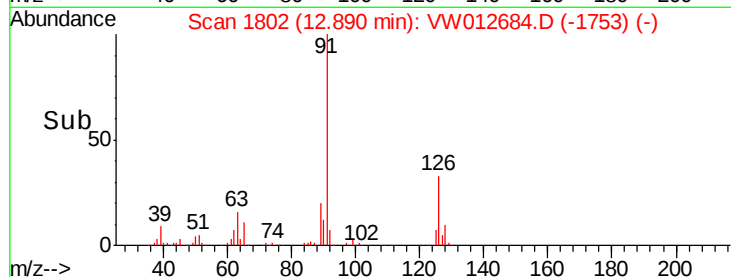
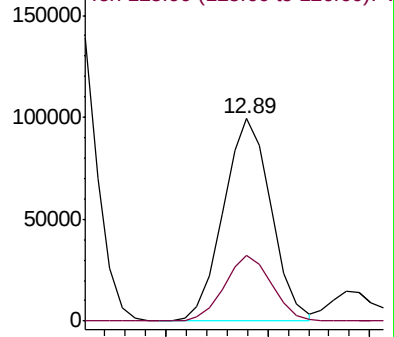
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.139 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW012684.D

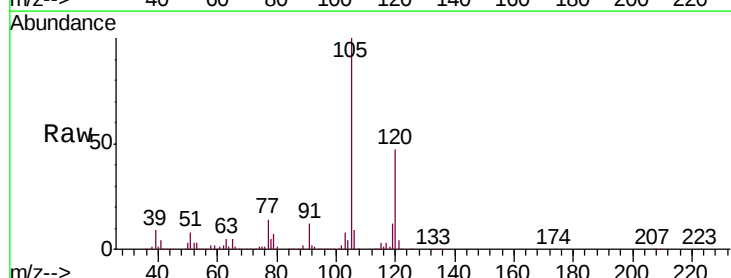
Acq: 06 Sep 2019 12:06

Tgt Ion: 105 Resp: 201637

Ion Ratio Lower Upper

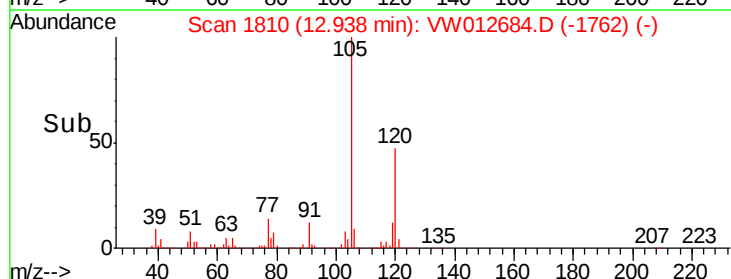
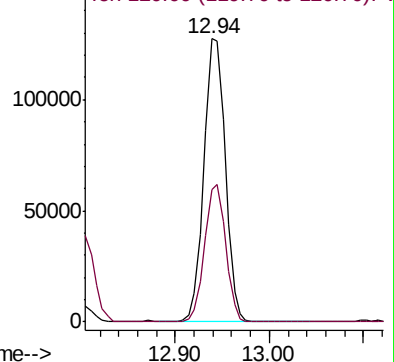
105 100

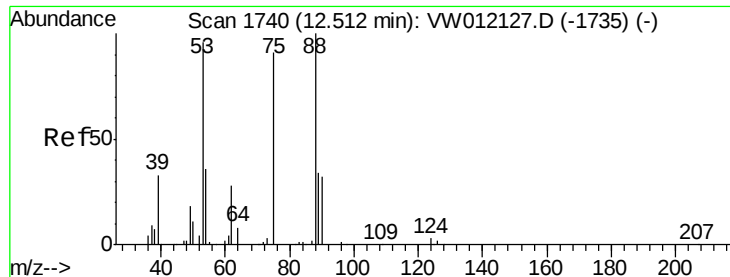
120 47.8 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





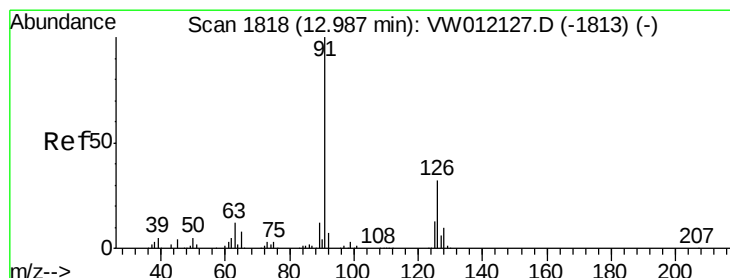
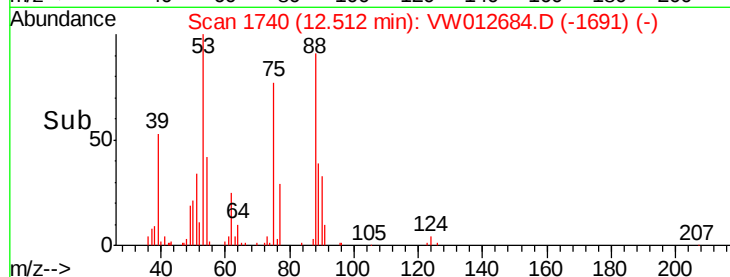
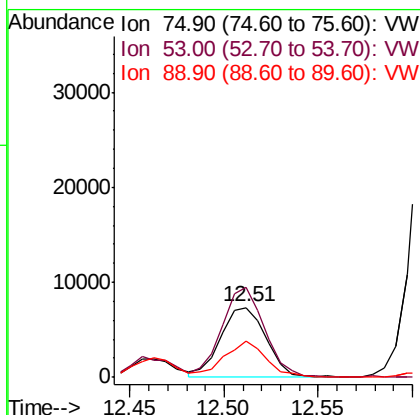
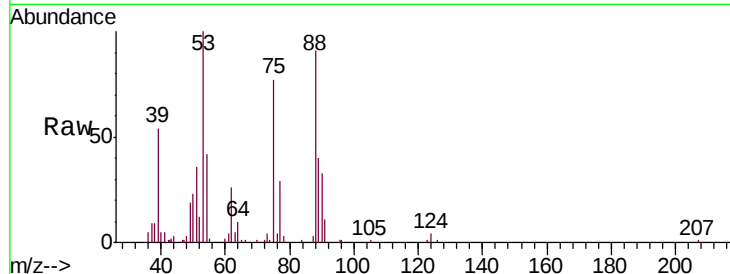
#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.967 ug/l  
RT: 12.51 min Scan# 1740  
Delta R.T. -0.00 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 122.4 | 89.4  | 134.0 |
| 89      | 48.6  | 34.5  | 51.7  |

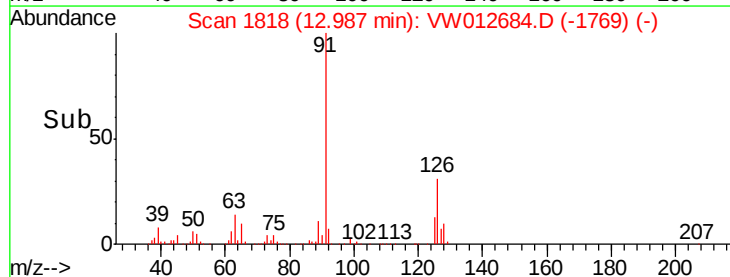
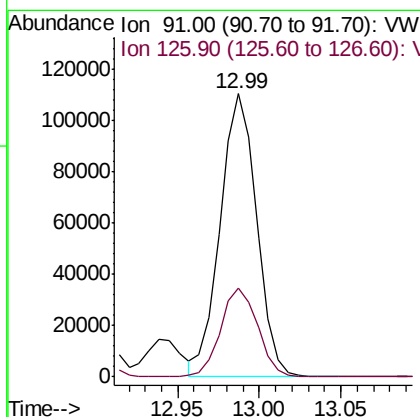
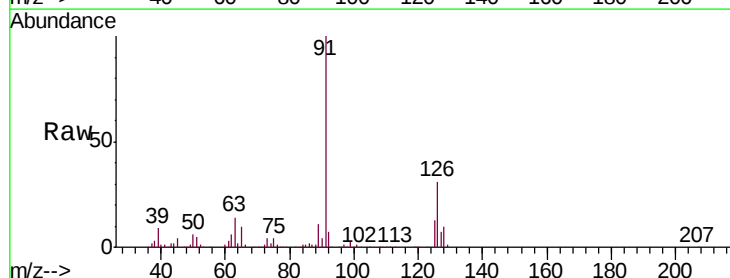
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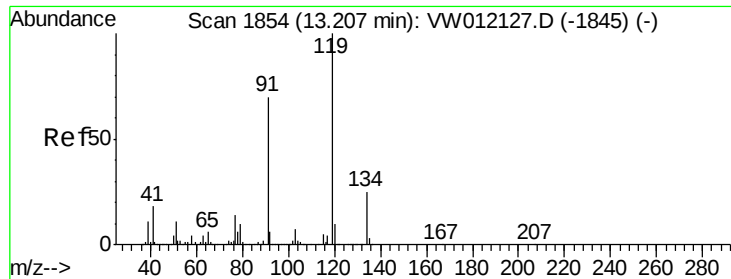
MMDadoda  
9/9/2019 4:45:08 AM



#82  
4-Chlorotoluene  
Concen: 19.669 ug/l  
RT: 12.99 min Scan# 1818  
Delta R.T. -0.00 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.0  | 15.6  | 46.8  |





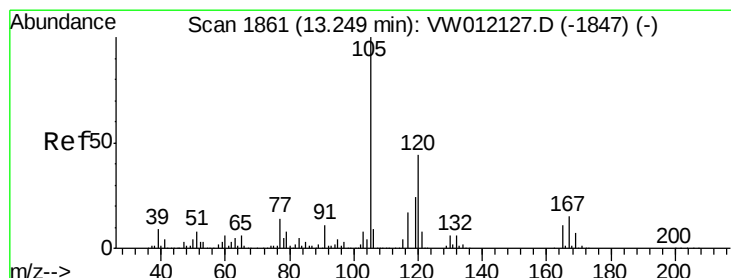
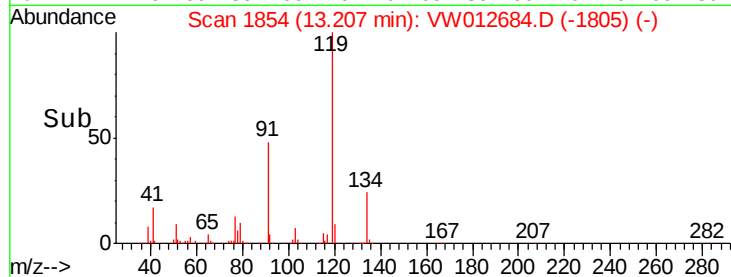
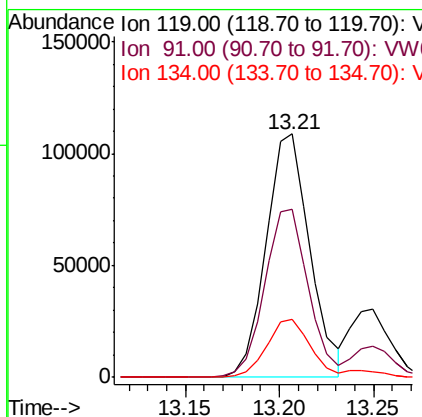
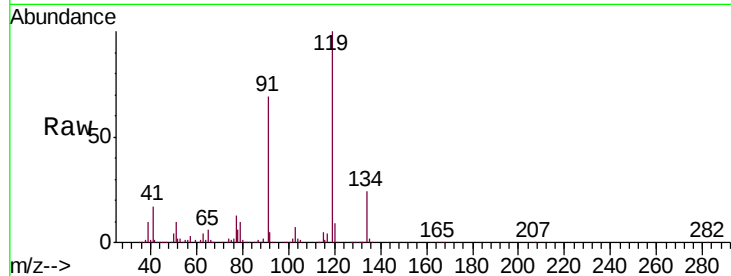
#83  
 tert-Butylbenzene  
 Concen: 20.678 ug/l  
 RT: 13.21 min Scan# 1854  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0906SBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 175375 |       |       |
| 91      | 68.8  | 34.8   | 104.3 |       |
| 134     | 26.1  | 13.3   | 39.8  |       |

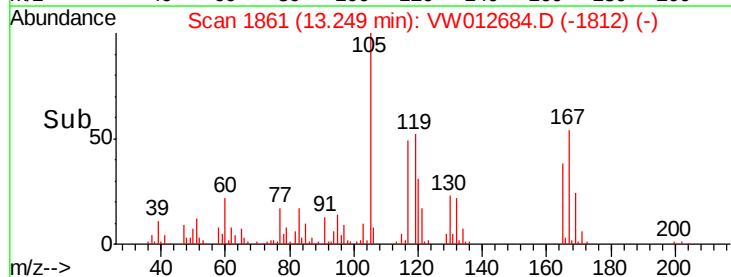
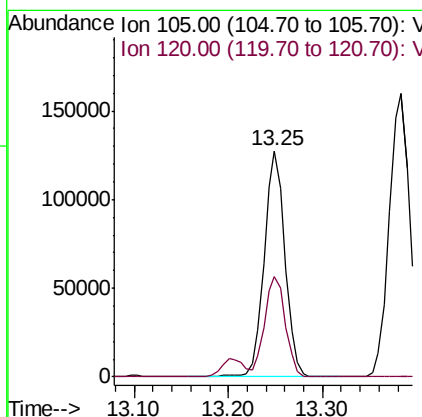
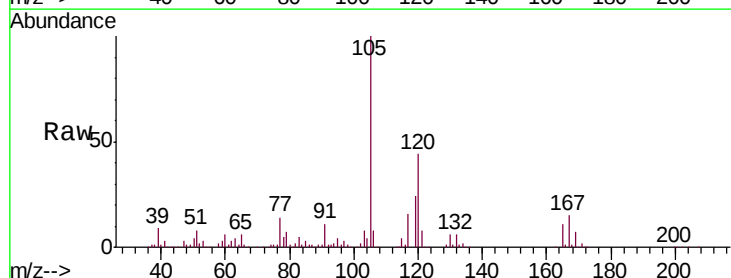
Manual Integrations  
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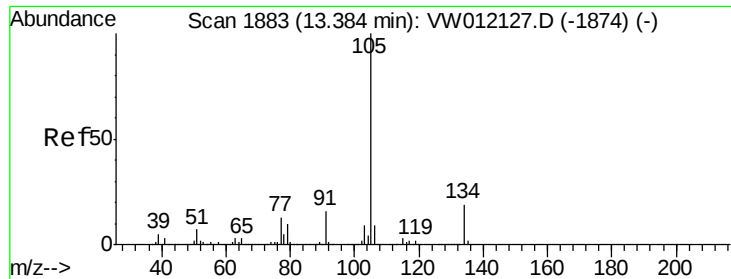
MMDadoda  
 9/9/2019 4:45:08 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.713 ug/l  
 RT: 13.25 min Scan# 1861  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 198266 |       |       |
| 120     | 44.0  | 21.9   | 65.7  |       |





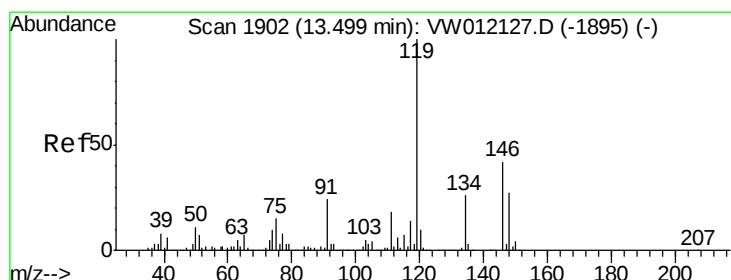
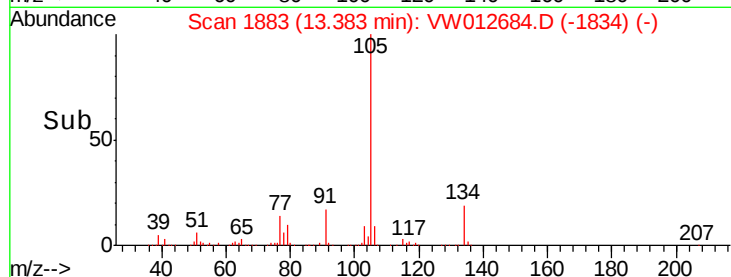
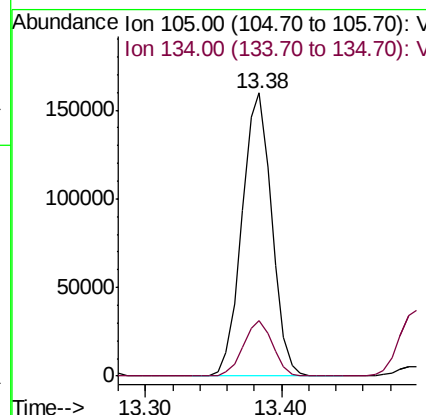
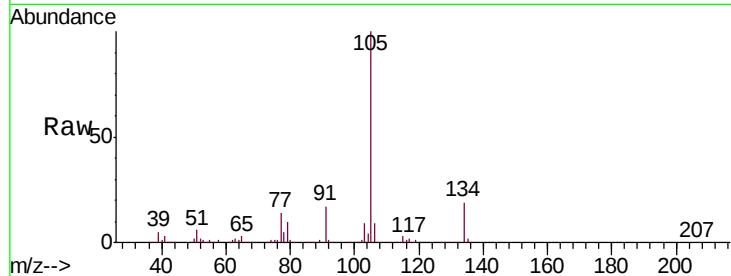
#85  
 sec-Butylbenzene  
 Concen: 20.079 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0906SBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 243976 |       |       |
| 134     | 19.2  | 9.8    | 29.4  |       |

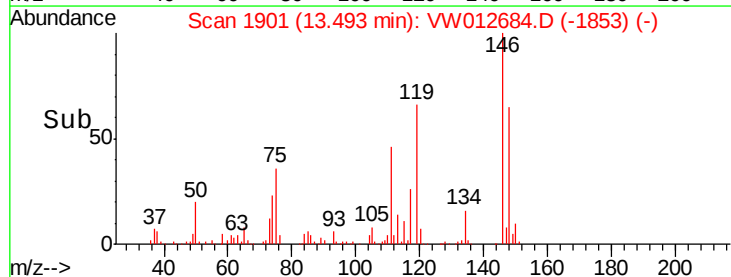
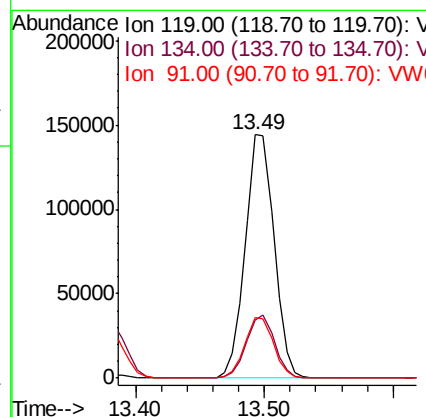
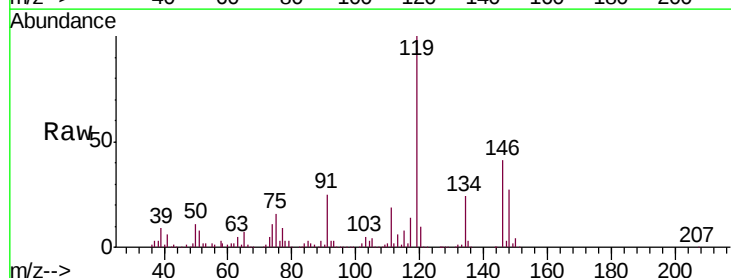
Manual Integrations  
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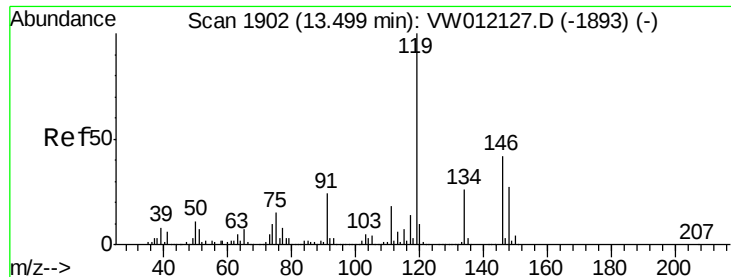
MMDadoda  
 9/9/2019 4:45:08 AM



#86  
 p-Isopropyltoluene  
 Concen: 20.519 ug/l  
 RT: 13.49 min Scan# 1901  
 Delta R.T. -0.01 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 222660 |       |       |
| 134     | 25.2  | 12.8   | 38.3  |       |
| 91      | 24.9  | 12.3   | 36.9  |       |





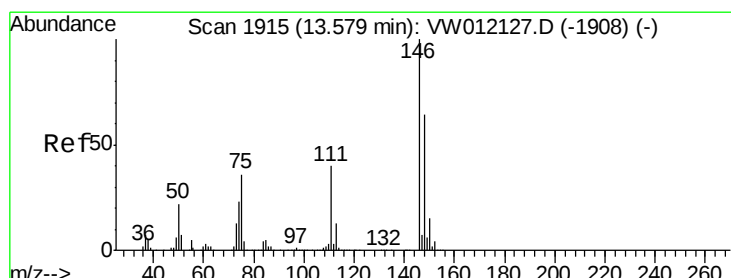
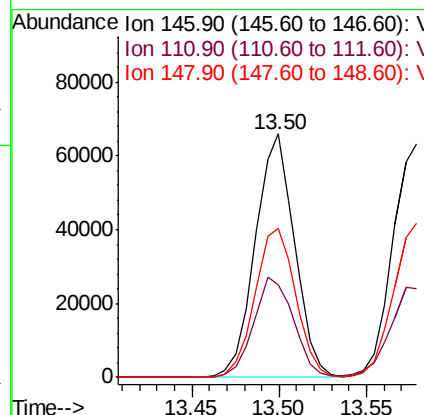
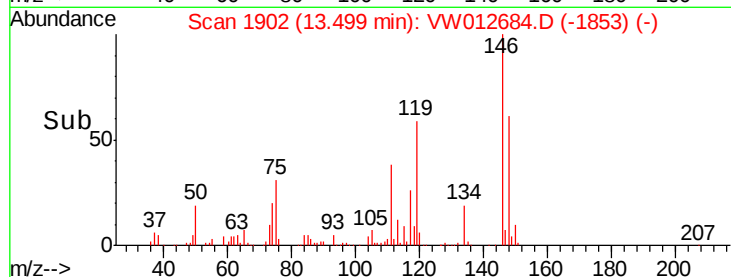
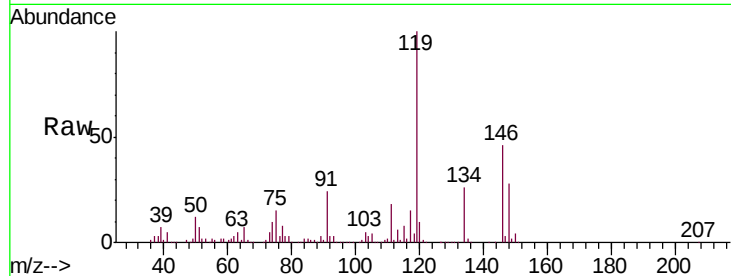
#87  
 1,3-Dichlorobenzene  
 Concen: 20.235 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0906SBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 102595 |       |       |
| 111     | 42.0  | 20.9   | 62.7  |       |
| 148     | 63.7  | 32.2   | 96.6  |       |

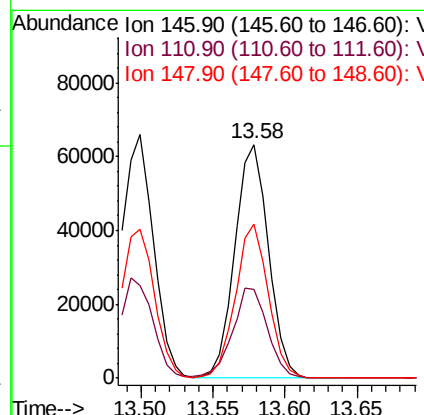
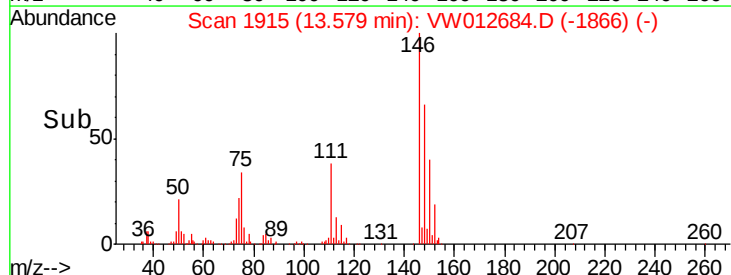
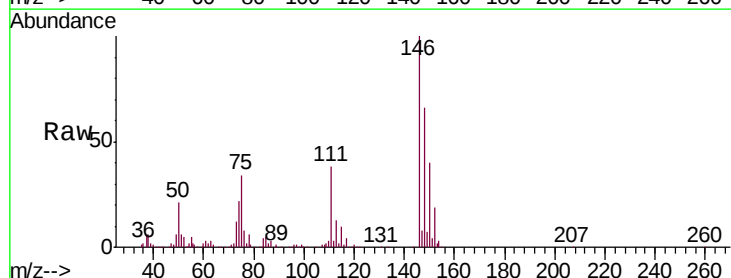
Manual Integrations  
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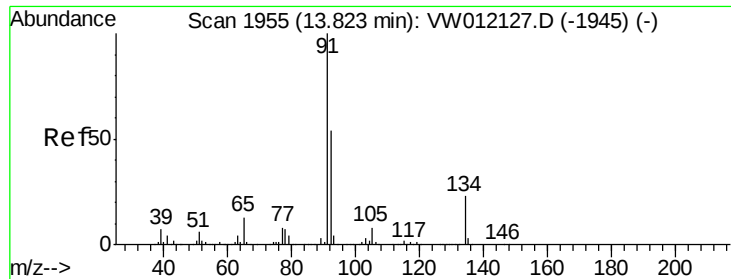
MMDadoda  
 9/9/2019 4:45:08 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 20.502 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 103215 |       |       |
| 111     | 40.3  | 20.0   | 60.0  |       |
| 148     | 64.5  | 32.1   | 96.3  |       |





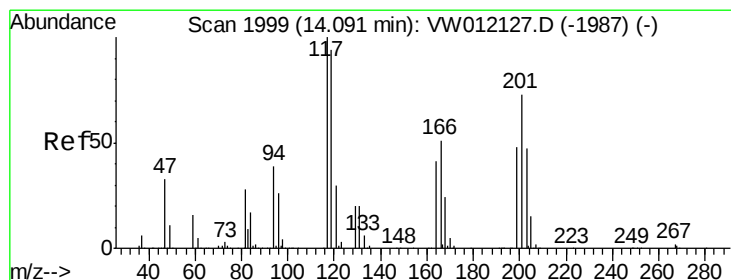
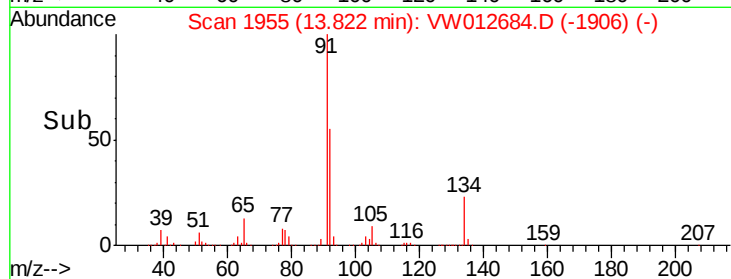
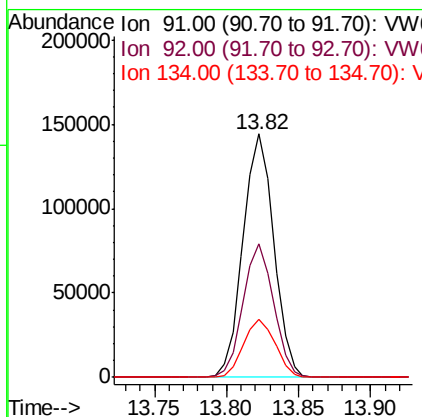
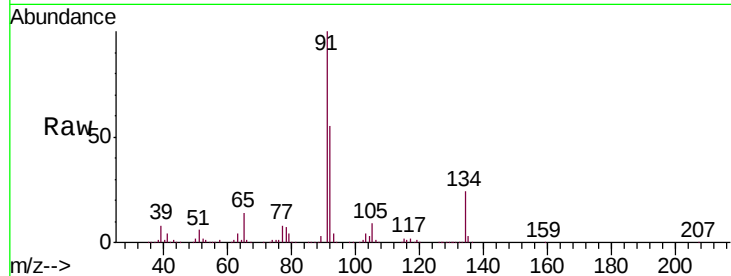
#89  
n-Butylbenzene  
Concen: 19.815 ug/l  
RT: 13.82 min Scan# 1955  
Delta R.T. -0.00 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 91      | 100   |            |            |
| 92      | 54.3  | 27.1       | 81.2       |
| 134     | 24.5  | 12.2       | 36.4       |

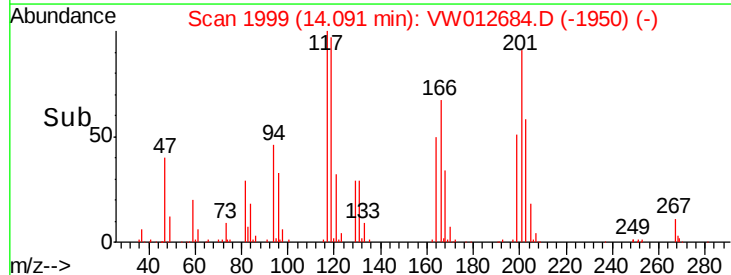
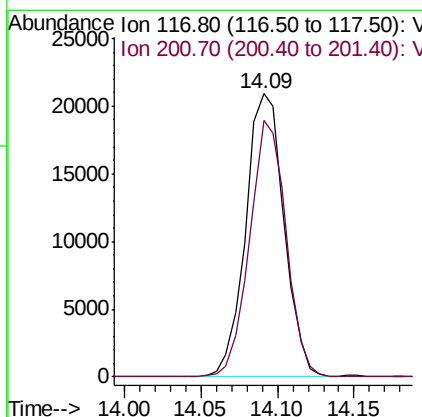
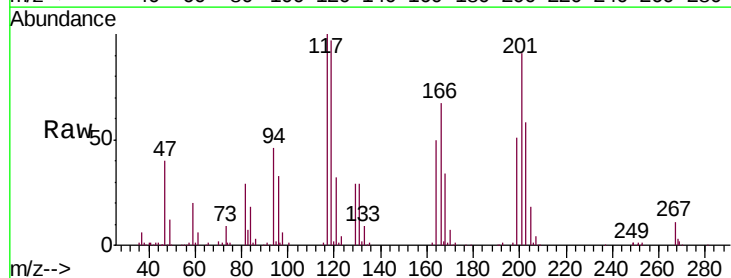
Manual Integrations  
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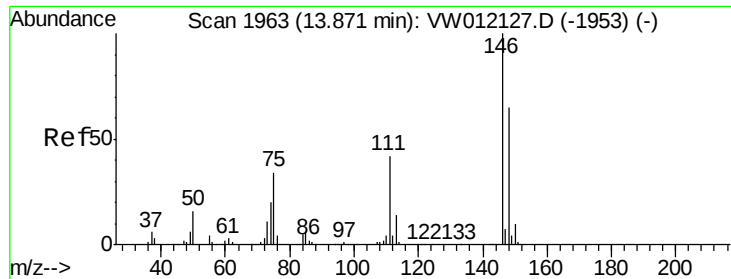
MMDadoda  
9/9/2019 4:45:08 AM



#90  
Hexachloroethane  
Concen: 19.120 ug/l  
RT: 14.09 min Scan# 1999  
Delta R.T. -0.00 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 117     | 100   |            |            |
| 201     | 86.4  | 38.6       | 115.7      |





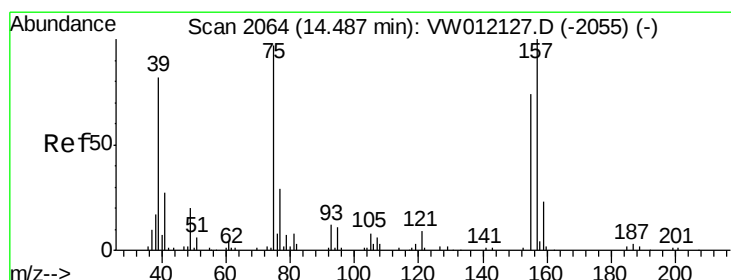
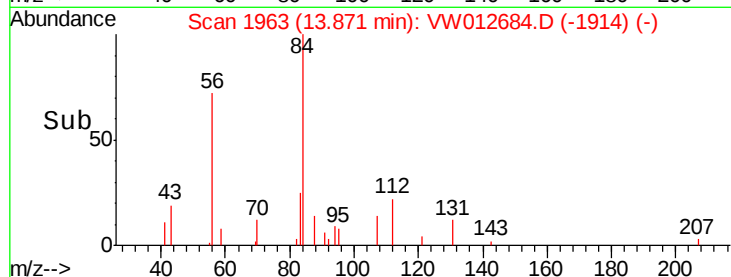
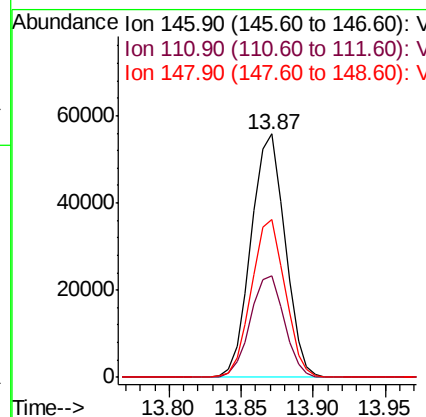
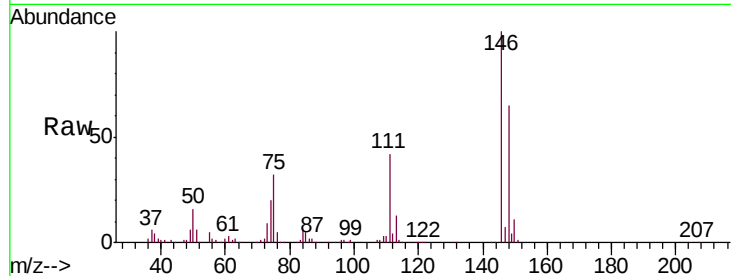
#91  
 1,2-Dichlorobenzene  
 Concen: 20.565 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0906SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.5  | 21.2  | 63.6  |
| 148     | 64.1  | 32.5  | 97.4  |

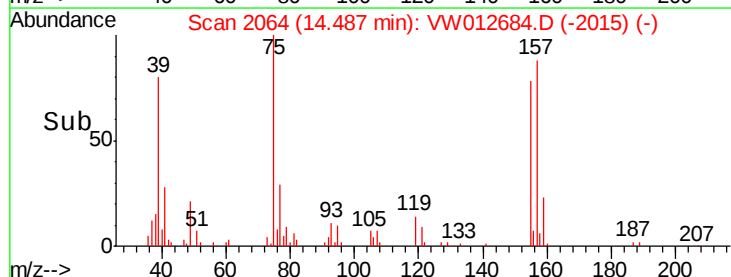
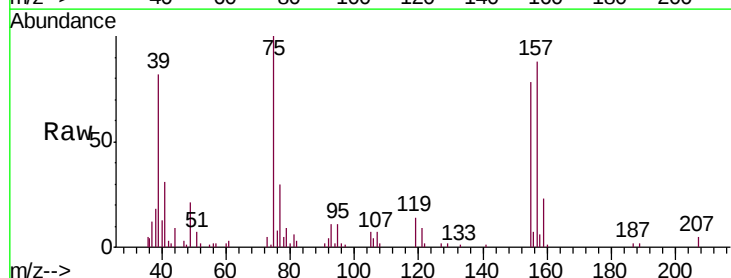
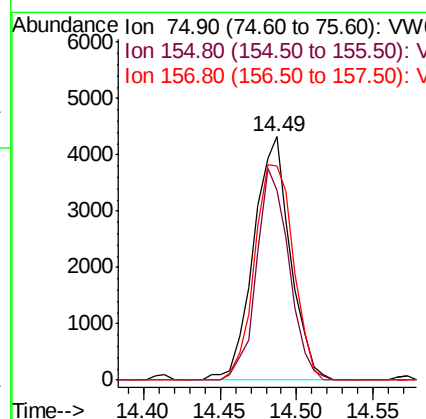
Manual Integrations  
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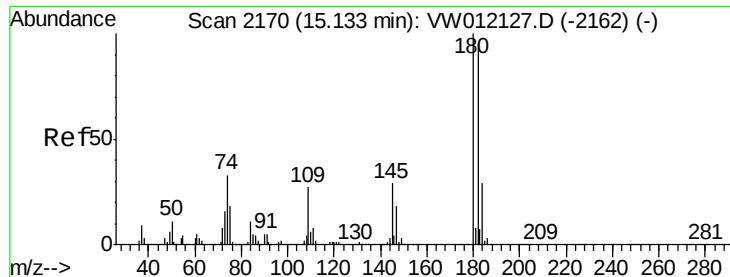
MMDadoda  
 9/9/2019 4:45:08 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.483 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 77.0  | 37.5  | 112.3 |
| 157     | 93.3  | 50.5  | 151.5 |





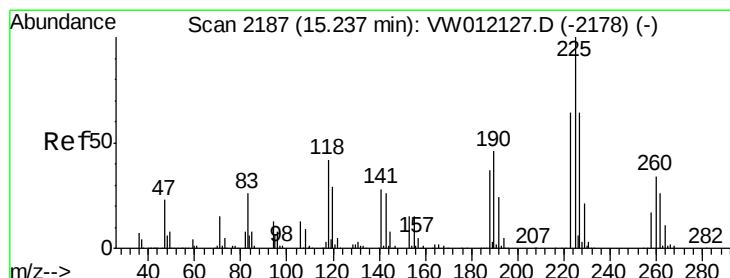
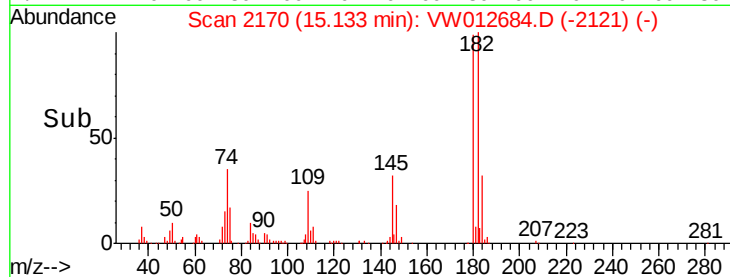
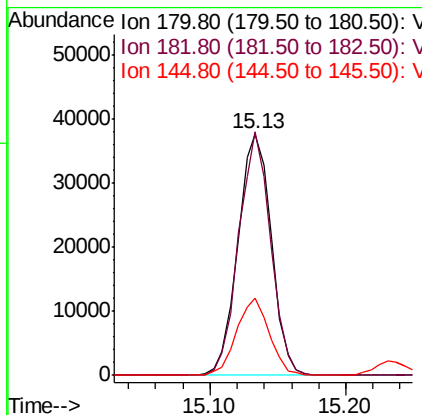
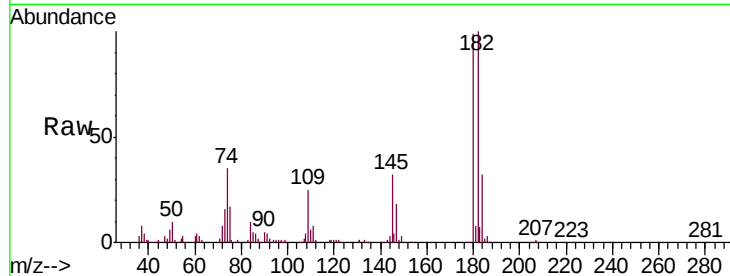
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.983 ug/l  
 RT: 15.13 min Scan# 2170  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0906SBS01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 64497 |       |       |
| 182     | 96.1  | 47.8  | 143.4 |       |
| 145     | 31.3  | 15.0  | 45.1  |       |

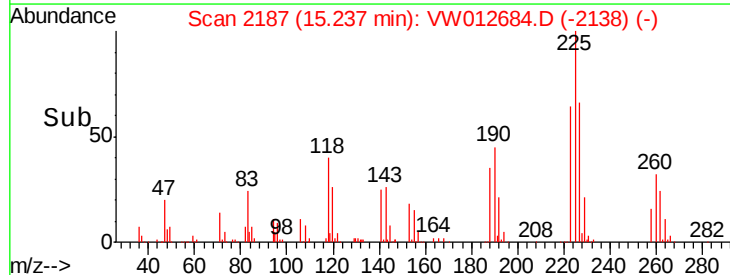
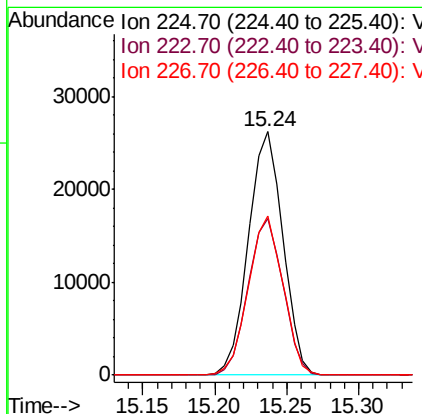
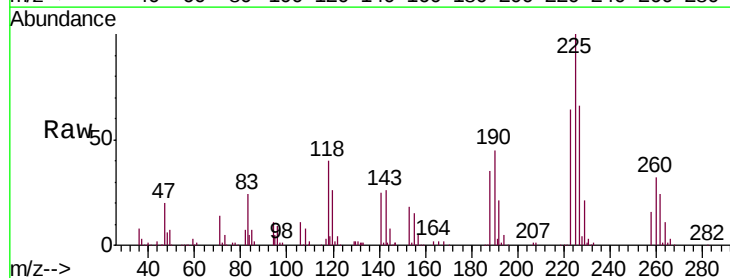
Manual Integrations  
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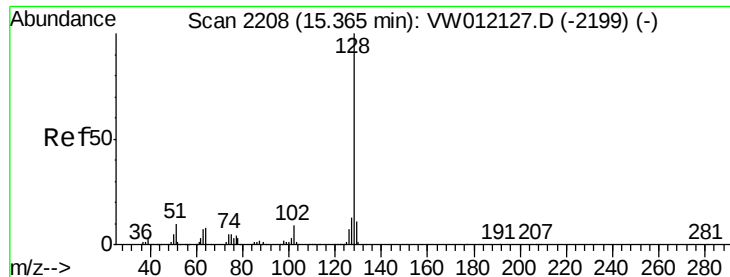
MMDadoda  
 9/9/2019 4:45:08 AM



#94  
 Hexachlorobutadiene  
 Concen: 21.382 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. -0.00 min  
 Lab File: VW012684.D  
 Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 43398 |       |       |
| 223     | 65.1  | 32.3  | 96.8  |       |
| 227     | 65.2  | 32.9  | 98.6  |       |





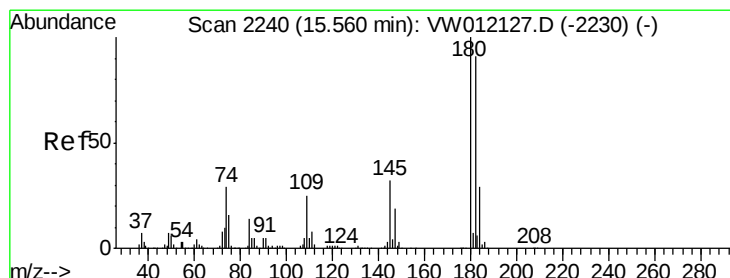
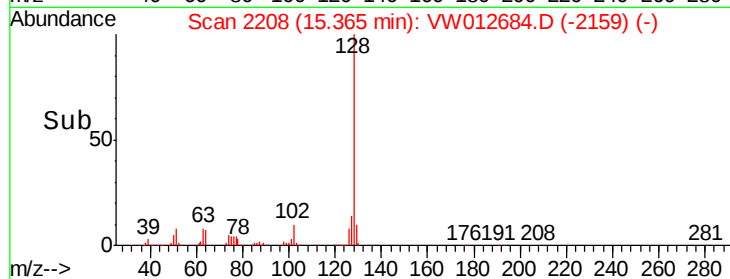
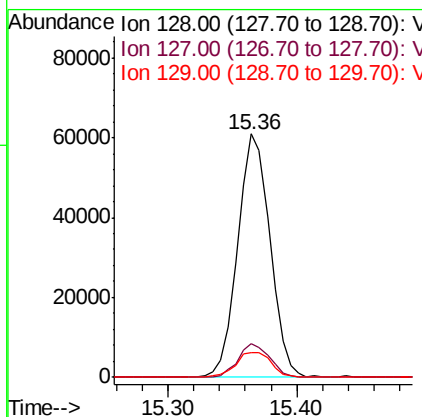
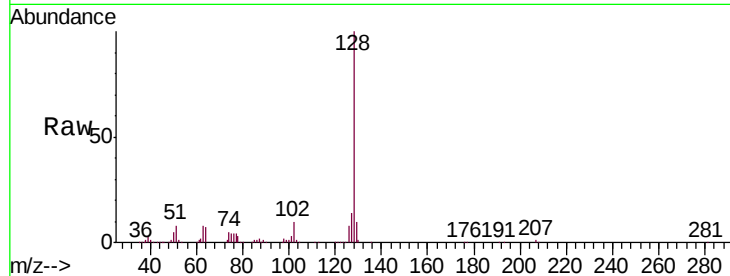
#95  
Naphthalene  
Concen: 20.361 ug/l  
RT: 15.36 min Scan# 2208  
Delta R.T. 0.00 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0906SBS01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 105903 |       |       |
| 127     | 13.5  | 10.7   | 16.1  |       |
| 129     | 11.2  | 8.7    | 13.1  |       |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 21.050 ug/l  
RT: 15.55 min Scan# 2239  
Delta R.T. -0.01 min  
Lab File: VW012684.D  
Acq: 06 Sep 2019 12:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 56452 |       |       |
| 182     | 95.8  | 47.1  | 141.3 |       |
| 145     | 31.9  | 16.2  | 48.5  |       |

