

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\  
 Data File : VW013106.D  
 Acq On : 18 Sep 2019 12:09  
 Operator : SY/VA  
 Sample : VW0918SBS01  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0918SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/19/2019 11:22:10 AM

Quant Time: Sep 19 08:22:58 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W091419S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 13 17:26:01 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 358514   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 512305   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 439348   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 221623   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.30   | 65  | 136744   | 41.30 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 82.60%  |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 133807   | 48.14 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.28%  |      |
| 50) Toluene-d8            | 10.32  | 98  | 548902   | 50.46 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.92% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 190190   | 48.62 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.24%  |      |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 32128  | 20.797 | ug/l   | 95     |
| 3) Chloromethane              | 2.21 | 50  | 37154  | 18.475 | ug/l   | 94     |
| 4) Vinyl Chloride             | 2.35 | 62  | 51266  | 19.978 | ug/l   | 99     |
| 5) Bromomethane               | 2.77 | 94  | 31167  | 19.888 | ug/l   | 97     |
| 6) Chloroethane               | 2.90 | 64  | 29936  | 19.021 | ug/l   | 94     |
| 7) Trichlorofluoromethane     | 3.24 | 101 | 29988  | 16.711 | ug/l   | 94     |
| 8) Diethyl Ether              | 3.68 | 74  | 27134  | 19.365 | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 55784  | 20.496 | ug/l   | 96     |
| 10) Methyl Iodide             | 4.26 | 142 | 73356  | 21.536 | ug/l   | 95     |
| 11) Tert butyl alcohol        | 5.20 | 59  | 18690m | 68.027 | ug/l   |        |
| 12) 1,1-Dichloroethene        | 4.03 | 96  | 51814  | 20.938 | ug/l   | 97     |
| 13) Acrolein                  | 3.89 | 56  | 20298  | 78.344 | ug/l   | 99     |
| 14) Allyl chloride            | 4.66 | 41  | 88200  | 18.774 | ug/l   | 93     |
| 15) Acrylonitrile             | 5.37 | 53  | 63564  | 88.820 | ug/l   | 99     |
| 16) Acetone                   | 4.13 | 43  | 56119  | 63.527 | ug/l # | 86     |
| 17) Carbon Disulfide          | 4.37 | 76  | 99470  | 20.170 | ug/l   | 99     |
| 18) Methyl Acetate            | 4.67 | 43  | 33201  | 17.600 | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 5.42 | 73  | 88633  | 18.144 | ug/l   | 92     |
| 20) Methylene Chloride        | 4.90 | 84  | 59353  | 18.969 | ug/l   | 93     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 55279  | 20.856 | ug/l   | 99     |
| 22) Diisopropyl ether         | 6.31 | 45  | 184560 | 18.910 | ug/l   | 98     |
| 23) Vinyl Acetate             | 6.25 | 43  | 509835 | 87.218 | ug/l   | 95     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 107203 | 19.051 | ug/l   | 99     |
| 25) 2-Butanone                | 7.17 | 43  | 83837  | 79.628 | ug/l   | 92     |
| 26) 2,2-Dichloropropane       | 7.16 | 77  | 69394  | 16.529 | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 7.16 | 96  | 66468  | 20.947 | ug/l   | 92     |
| 28) Bromochloromethane        | 7.51 | 49  | 42242  | 17.835 | ug/l   | 93     |
| 29) Tetrahydrofuran           | 7.53 | 42  | 50959  | 84.946 | ug/l   | 99     |
| 30) Chloroform                | 7.67 | 83  | 109627 | 19.173 | ug/l   | 98     |
| 31) Cyclohexane               | 7.95 | 56  | 94846  | 19.894 | ug/l # | 87     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 86167  | 18.300 | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 81537  | 19.917 | ug/l   | 96     |
| 37) Ethyl Acetate             | 7.25 | 43  | 35132  | 16.168 | ug/l # | 94     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 77073  | 18.372 | ug/l   | 98     |

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 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VW0918SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 9/19/2019 11:22:10 AM

Quant Time: Sep 19 08:22:58 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W091419S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 13 17:26:01 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 39) Methylcyclohexane          | 9.34  | 83   | 95192    | 21.220  | ug/l   | 93       |
| 40) Benzene                    | 8.32  | 78   | 235860   | 20.638  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.48  | 41   | 24426    | 17.070  | ug/l # | 90       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 67010    | 17.491  | ug/l   | 94       |
| 43) Isopropyl Acetate          | 8.42  | 43   | 69853    | 16.743  | ug/l   | 96       |
| 44) Trichloroethene            | 9.09  | 130  | 66526    | 21.252  | ug/l   | 83       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 62354    | 20.536  | ug/l   | 100      |
| 46) Dibromomethane             | 9.46  | 93   | 28999    | 19.935  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.64  | 83   | 75226    | 18.436  | ug/l   | 95       |
| 48) Methyl methacrylate        | 9.43  | 41   | 31665    | 16.172  | ug/l   | 89       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 8210     | 336.813 | ug/l # | 76       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 180082   | 83.605  | ug/l   | 96       |
| 52) Toluene                    | 10.38 | 92   | 152700   | 21.027  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 74167    | 18.073  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 90355    | 19.243  | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 43452    | 19.607  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 56819    | 19.048  | ug/l # | 88       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 76429    | 19.442  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.92  | 63   | 154685   | 96.670  | ug/l   | 97       |
| 59) 2-Hexanone                 | 10.97 | 43   | 126073   | 84.059  | ug/l   | 96       |
| 60) Dibromochloromethane       | 11.13 | 129  | 50460    | 18.834  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.23 | 107  | 39935    | 19.754  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.86 | 164  | 55336    | 21.172  | ug/l   | 94       |
| 65) Chlorobenzene              | 11.66 | 112  | 163724   | 20.921  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 59149    | 19.723  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 300024   | 20.758  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.84 | 106  | 226140   | 42.830  | ug/l   | 95       |
| 69) o-Xylene                   | 12.16 | 106  | 104751   | 21.161  | ug/l   | 96       |
| 70) Styrene                    | 12.18 | 104  | 183868   | 20.881  | ug/l   | 97       |
| 71) Bromoform                  | 12.35 | 173  | 29310    | 18.606  | ug/l   | 99       |
| 73) Isopropylbenzene           | 12.46 | 105  | 298468   | 20.318  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 64677    | 17.116  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 51288    | 19.879  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 38297m   | 19.728  | ug/l   |          |
| 77) Bromobenzene               | 12.74 | 156  | 69115    | 20.423  | ug/l   | 94       |
| 78) n-propylbenzene            | 12.80 | 91   | 353993   | 20.486  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 196421   | 19.774  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 252410   | 20.311  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 15826    | 18.494  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 208429   | 19.887  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 225083   | 20.249  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 251740   | 20.499  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 13.38 | 105  | 308895   | 20.396  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 283824   | 20.412  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 137319   | 20.498  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 135982   | 20.655  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.82 | 91   | 261734   | 19.959  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.09 | 117  | 46774    | 18.771  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 122172   | 20.738  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.48 | 75   | 7240     | 15.330  | ug/l   | 91       |

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Operator : SY/VA  
Sample : VW0918SBS01  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

Manual Integrations  
APPROVED

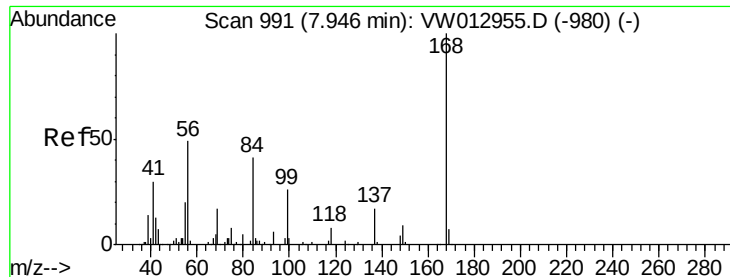
MMDadoda  
9/19/2019 11:22:10 AM

Quant Time: Sep 19 08:22:58 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W091419S.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 13 17:26:01 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180  | 83416    | 19.854 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 57565    | 19.354 | ug/l  | 98       |
| 95) Naphthalene            | 15.36 | 128  | 130102   | 18.533 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 72384    | 19.489 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

ClientSampleId :

VW0918SBS01

Tot Ion:168 Resp: 358514

Ion Ratio Lower Upper

168 100

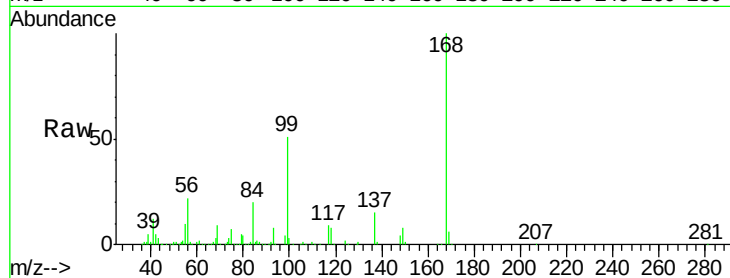
99 50.9 46.2 69.2

Manual Integrations

APPROVED

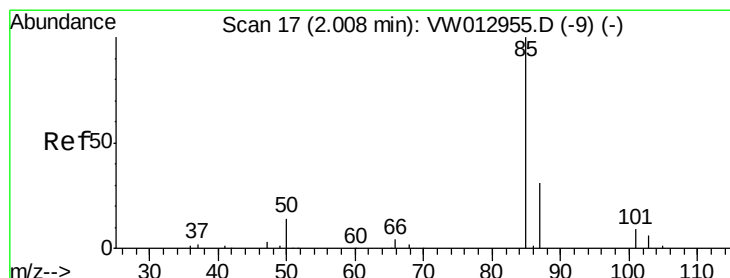
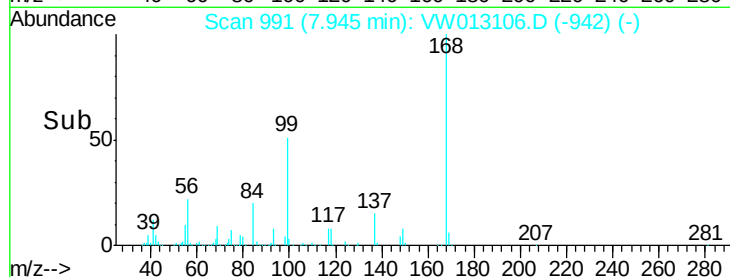
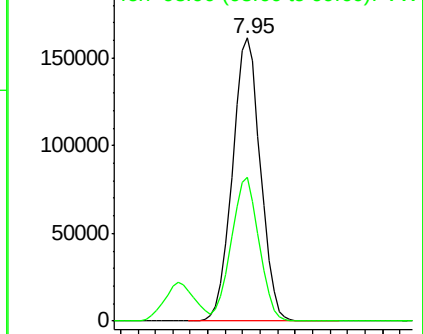
MMDadoda

9/19/2019 11:22:10 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.797 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013106.D

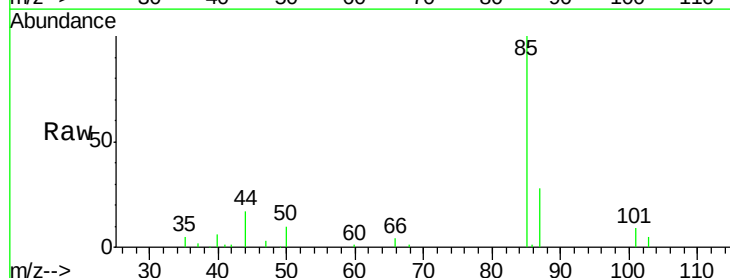
Acq: 18 Sep 2019 12:09

Tgt Ion: 85 Resp: 32128

Ion Ratio Lower Upper

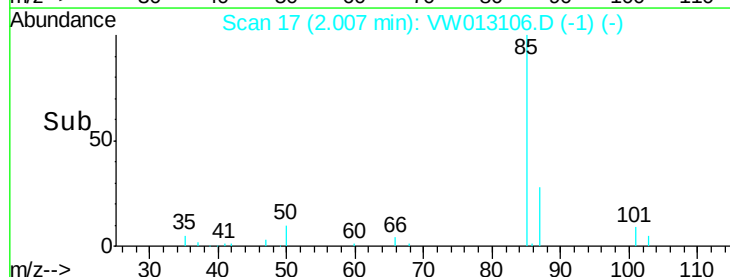
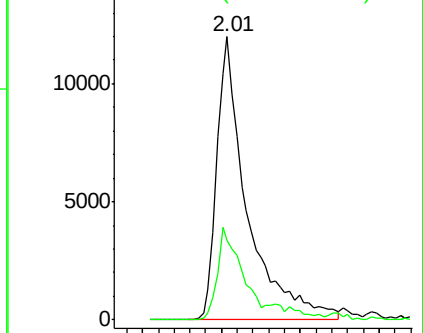
85 100

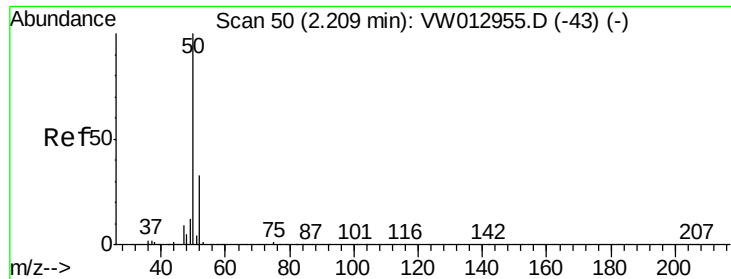
87 28.3 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.475 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

ClientSampleId :

VW0918SBS01

Tot Ion: 50 Resp: 37154

Ion Ratio Lower Upper

50 100

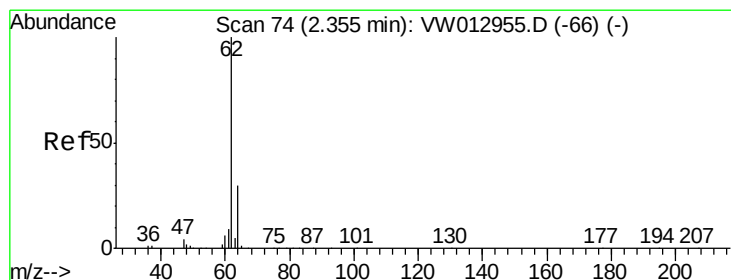
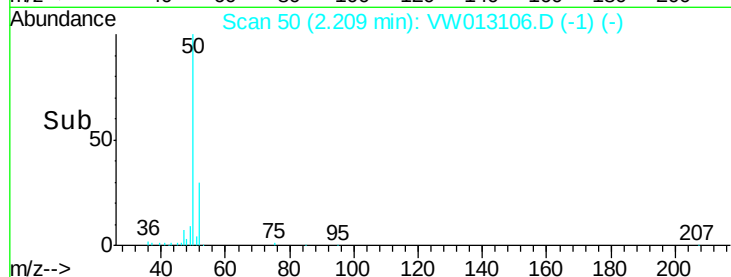
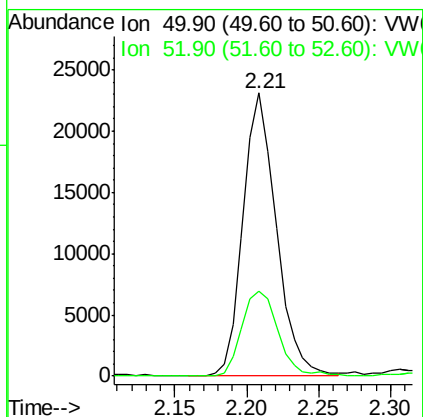
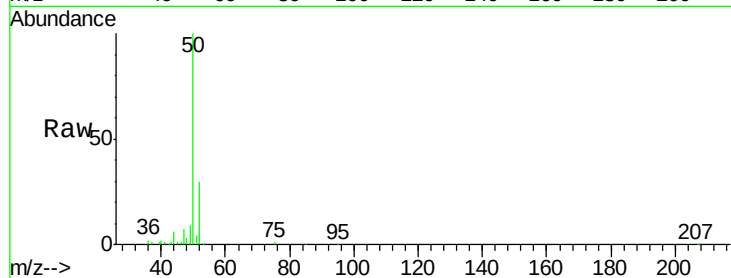
52 29.9 26.6 39.8

Manual Integrations

APPROVED

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9/19/2019 11:22:10 AM



#4

Vinyl Chloride

Concen: 19.978 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW013106.D

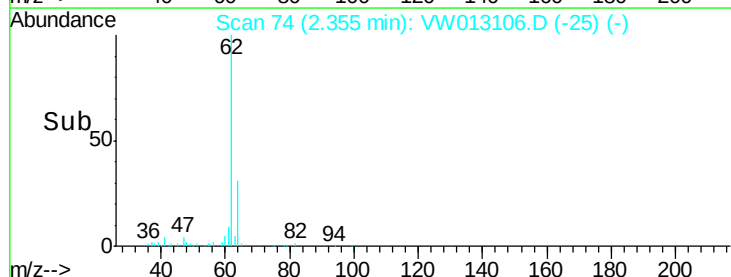
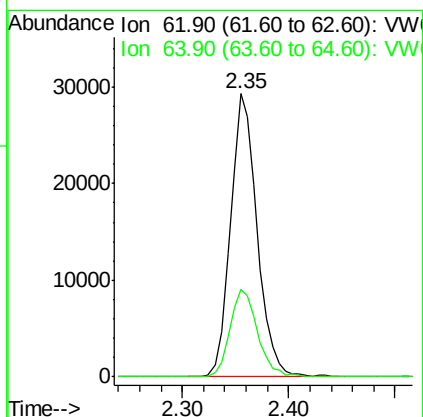
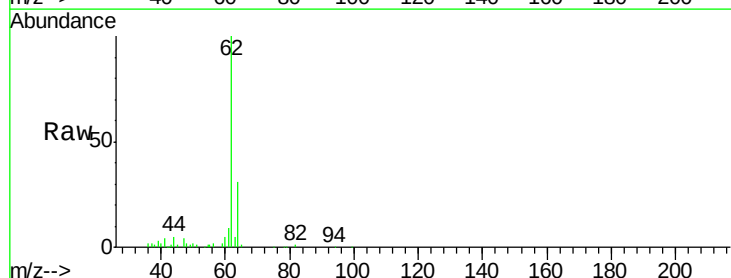
Acq: 18 Sep 2019 12:09

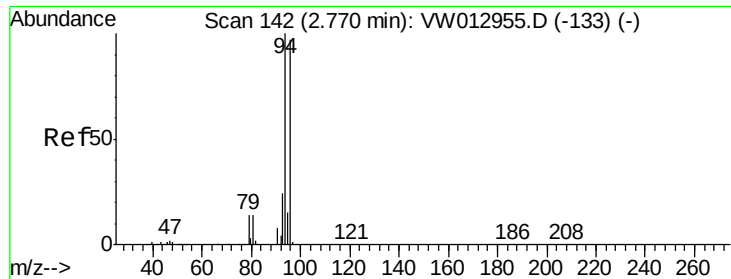
Tgt Ion: 62 Resp: 51266

Ion Ratio Lower Upper

62 100

64 30.8 24.2 36.4





#5

Bromomethane

Concen: 19.888 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

ClientSampleId :

VW0918SBS01

Tot Ion: 94 Resp: 31167

Ion Ratio Lower Upper

94 100

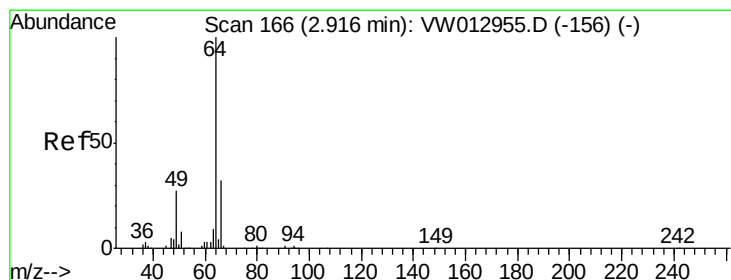
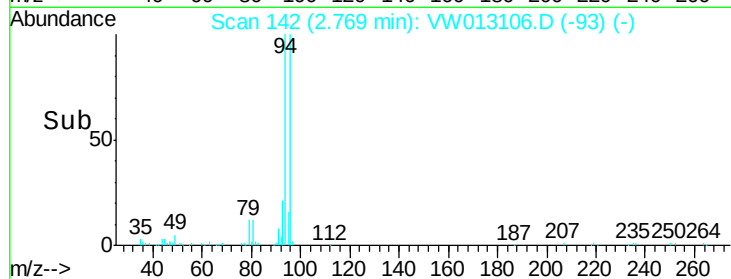
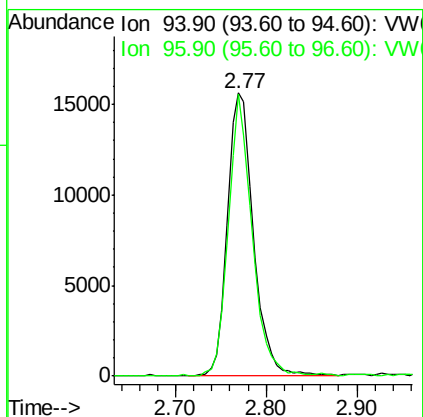
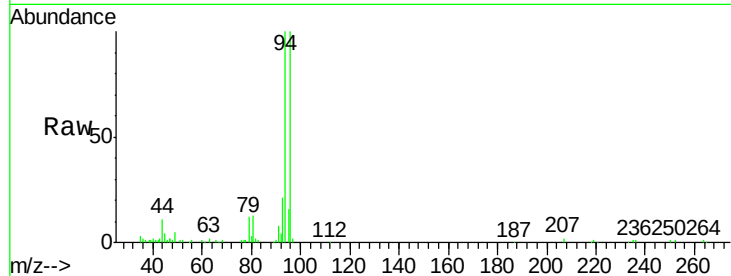
96 99.7 77.8 116.6

Manual Integrations

APPROVED

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9/19/2019 11:22:10 AM



#6

Chloroethane

Concen: 19.021 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW013106.D

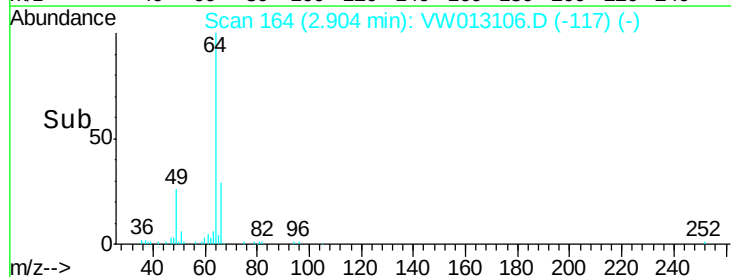
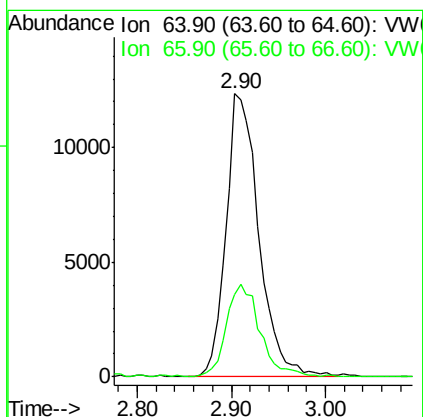
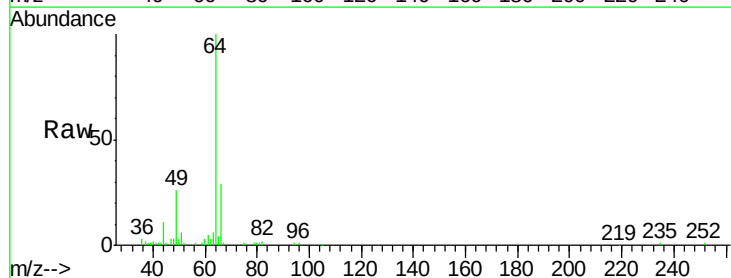
Acq: 18 Sep 2019 12:09

Tgt Ion: 64 Resp: 29936

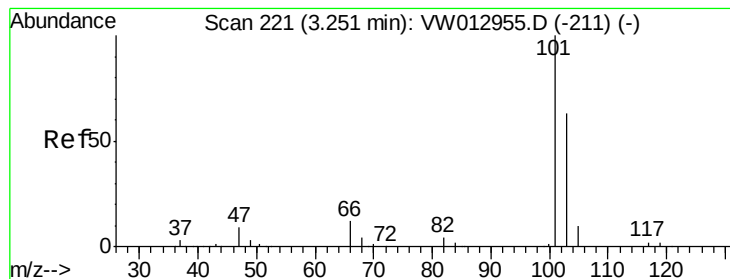
Ion Ratio Lower Upper

64 100

66 29.3 25.9 38.9







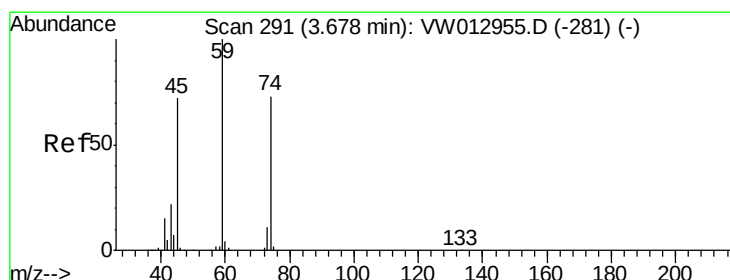
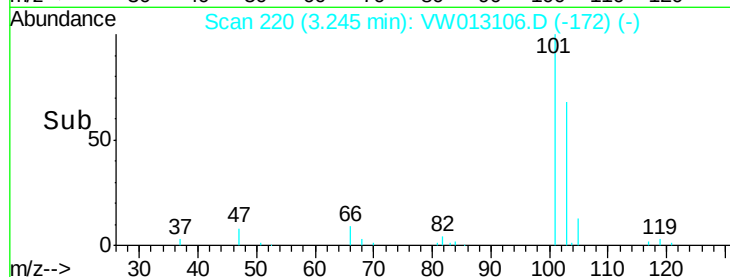
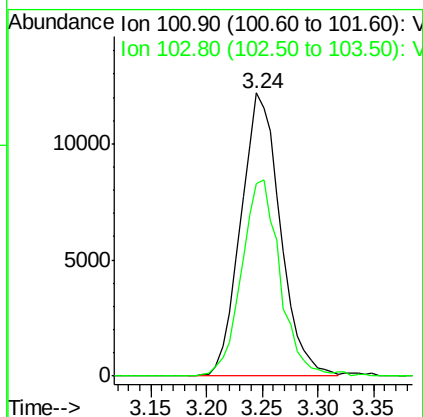
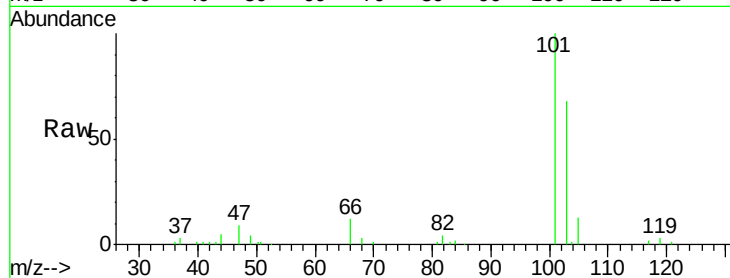
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 Trichlorofluoromethane  
 Concen: 16.711 ug/l  
 RT: 3.24 min Scan# 220  
 Delta R.T. -0.01 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0918SBS01

Tot Ion:101 Resp: 29988  
 Ion Ratio Lower Upper  
 101 100  
 103 68.0 50.7 76.1

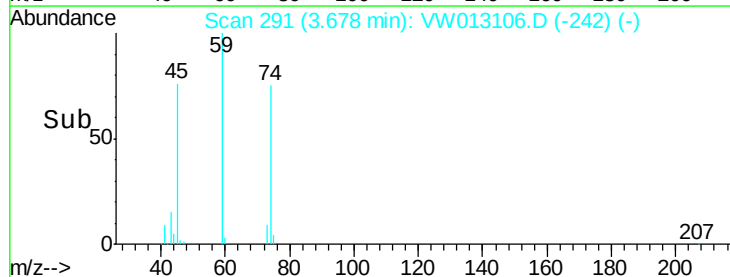
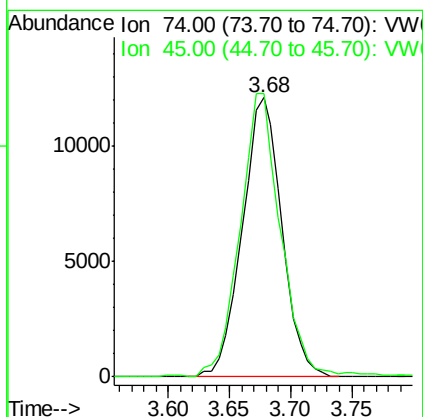
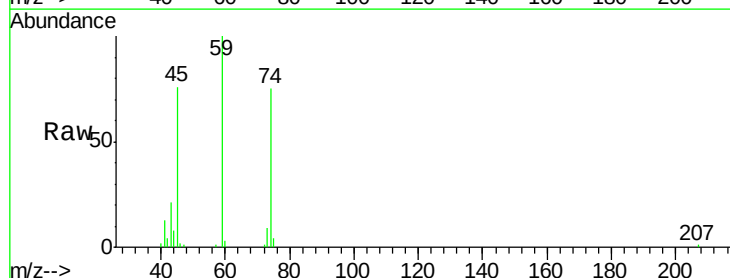
Manual Integrations  
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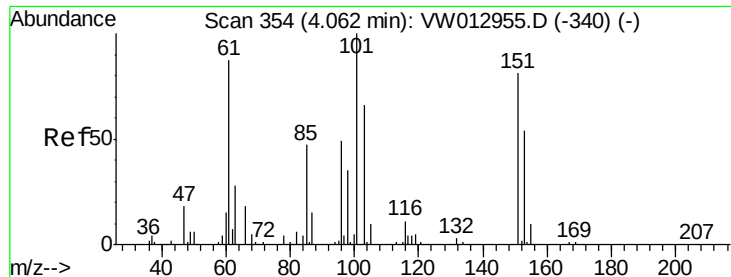


#8  
 Diethyl Ether  
 Concen: 19.365 ug/l  
 RT: 3.68 min Scan# 291  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

Tgt Ion: 74 Resp: 27134  
 Ion Ratio Lower Upper  
 74 100  
 45 104.4 53.8 161.4







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.496 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

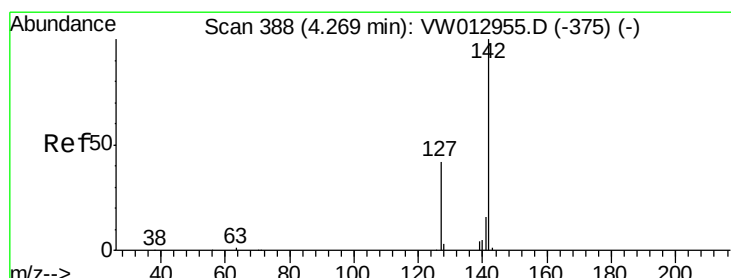
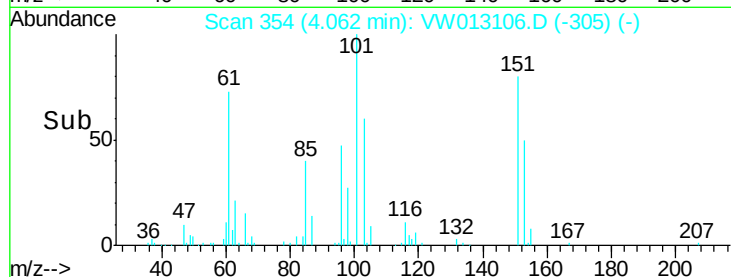
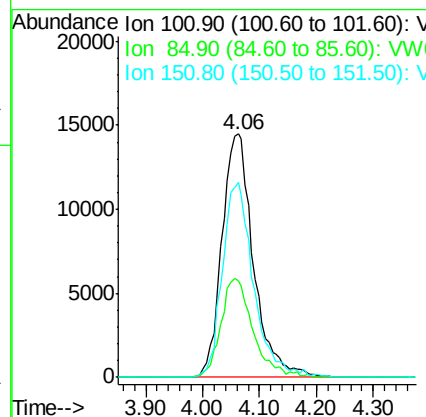
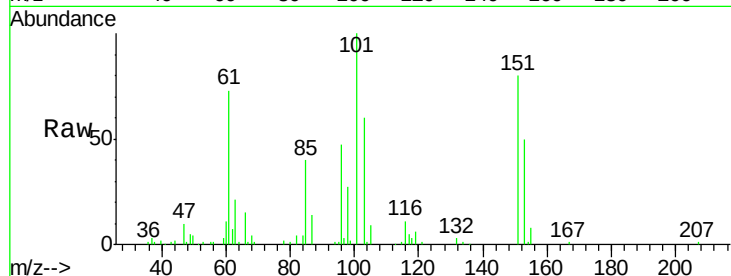
ClientSampleId :

VW0918SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 101   | Resp: | 55784 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 41.3  | 34.9  | 52.3  |
| 151      | 79.0  | 66.0  | 99.0  |

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#10

Methyl Iodide

Concen: 21.536 ug/l

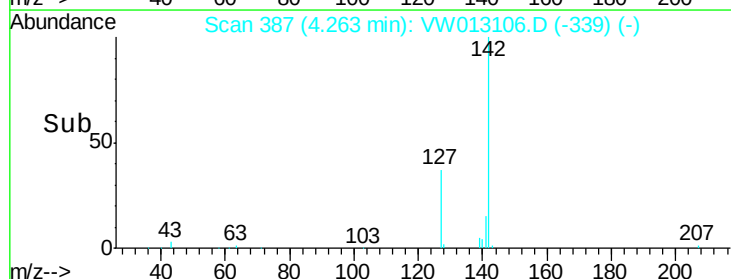
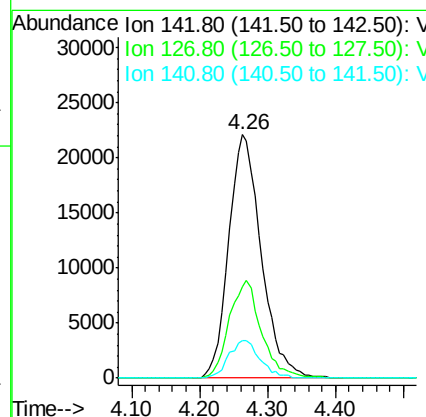
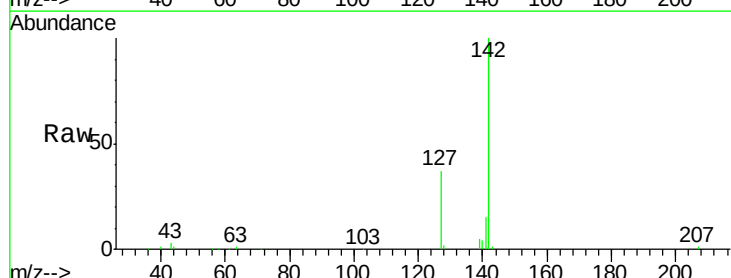
RT: 4.26 min Scan# 387

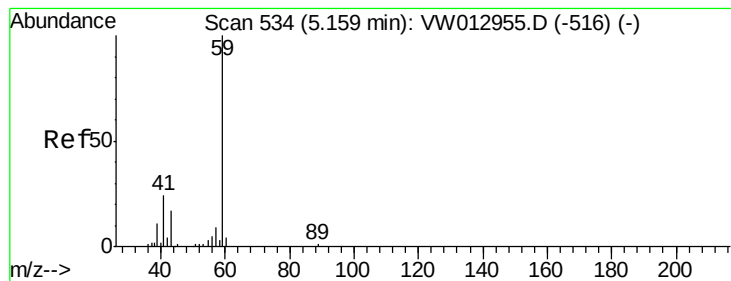
Delta R.T. -0.01 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 73356 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 39.3  | 34.7  | 52.1  |
| 141      | 14.9  | 12.2  | 18.2  |





#11

Tert butyl alcohol

Concen: 68.027 ug/l m

RT: 5.20 min Scan# 540

Delta R.T. 0.04 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

ClientSampleId :

VW0918SBS01

Tot Ion: 59 Resp: 18690

Ion Ratio Lower Upper

59 100

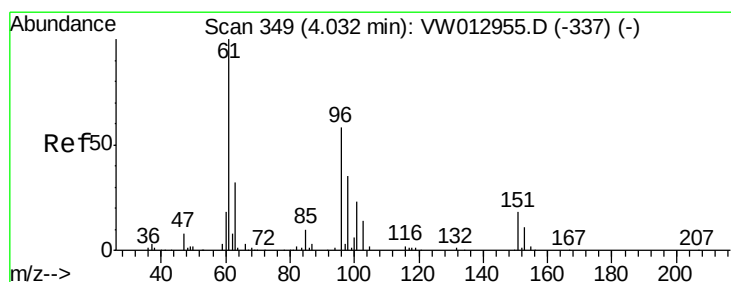
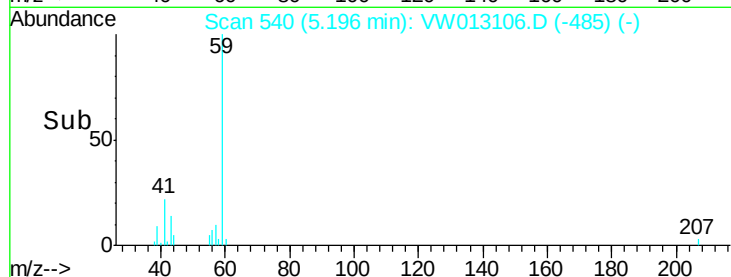
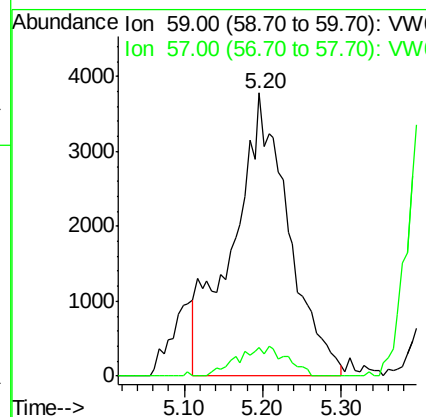
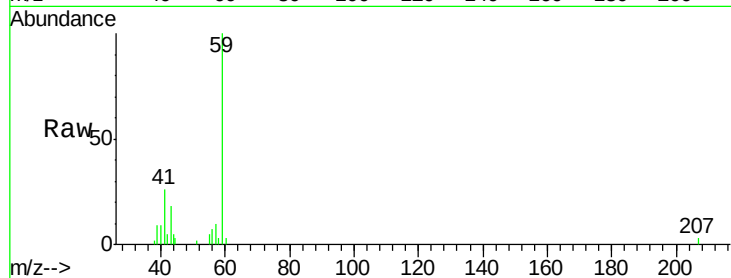
57 5.2 8.5 12.7#

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#12

1,1-Dichloroethene

Concen: 20.938 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

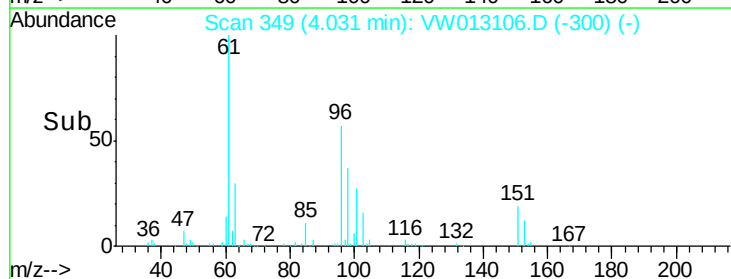
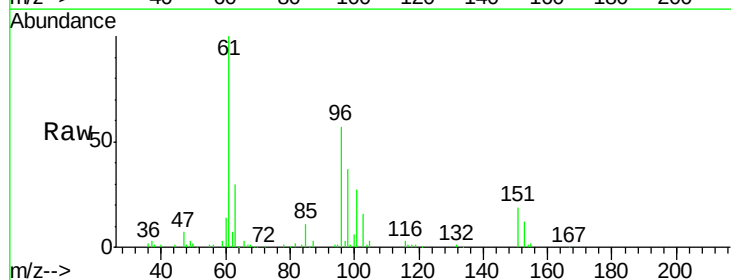
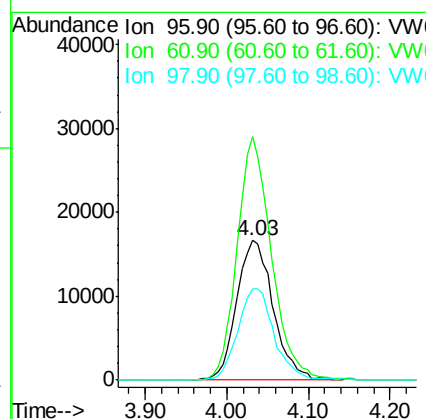
Tgt Ion: 96 Resp: 51814

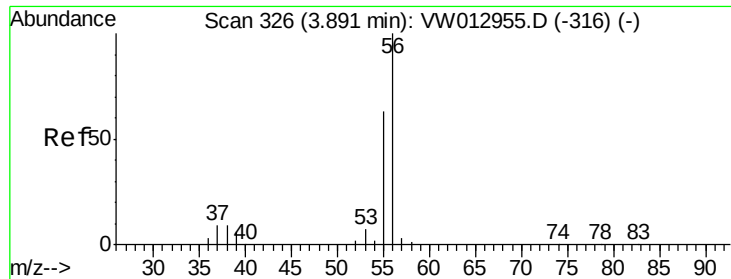
Ion Ratio Lower Upper

96 100

61 174.6 137.9 206.9

98 65.4 48.9 73.3





#13

Acrolein

Concen: 78.344 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

ClientSampleId :

VW0918SBS01

Tot Ion: 56 Resp: 20298

Ion Ratio Lower Upper

56 100

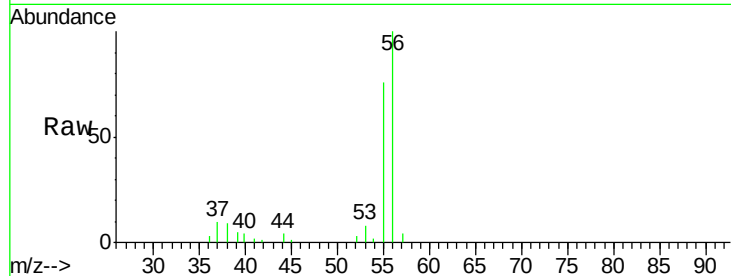
55 69.4 55.8 83.8

Manual Integrations

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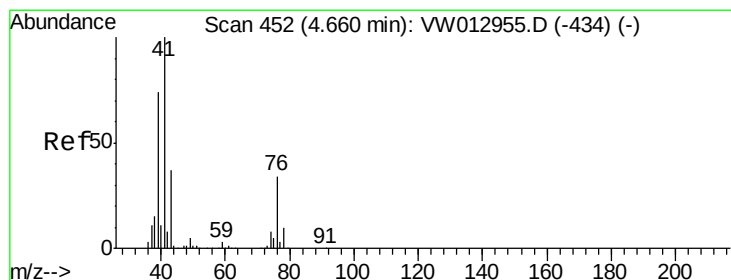
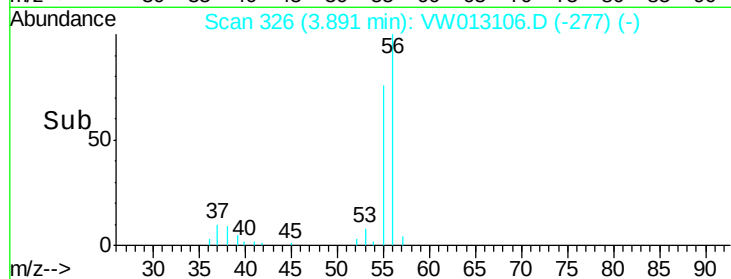
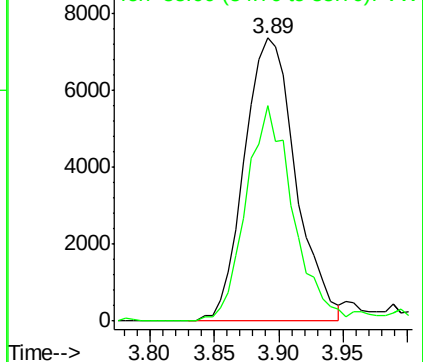
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 18.774 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

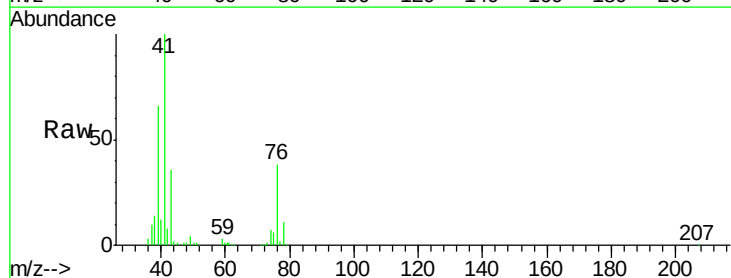
Tgt Ion: 41 Resp: 88200

Ion Ratio Lower Upper

41 100

39 65.1 56.7 85.1

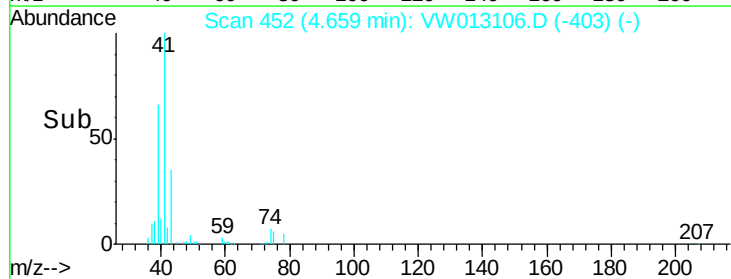
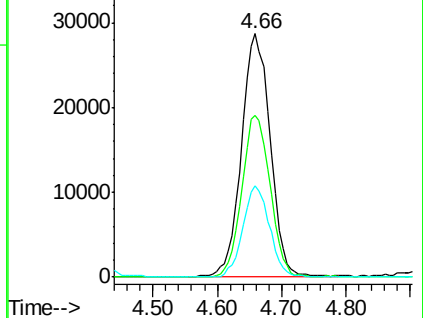
76 34.4 25.1 37.7

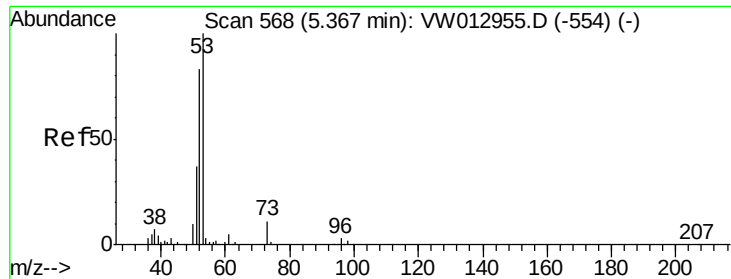


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 88.820 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

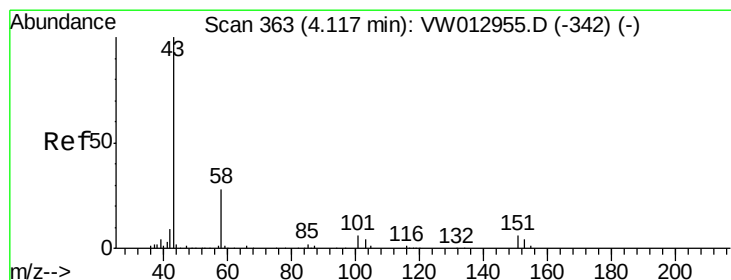
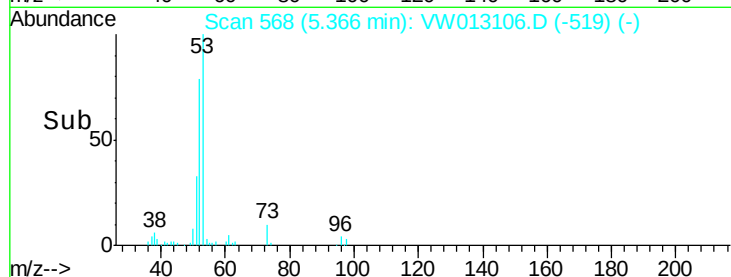
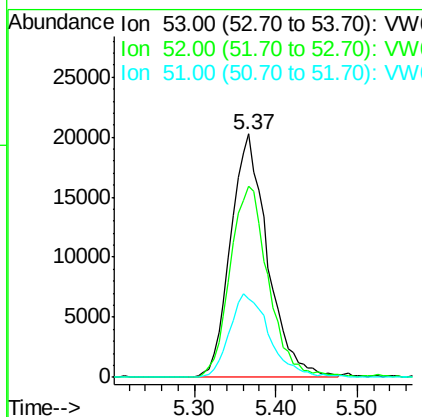
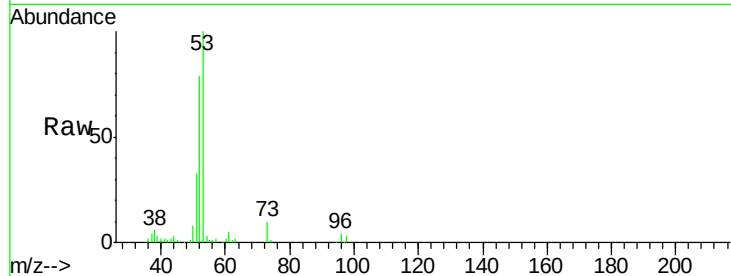
ClientSampleId :

VW0918SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 63564 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 81.5  | 66.6  | 100.0 |
| 51       | 37.1  | 29.8  | 44.8  |

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#16

Acetone

Concen: 63.527 ug/l

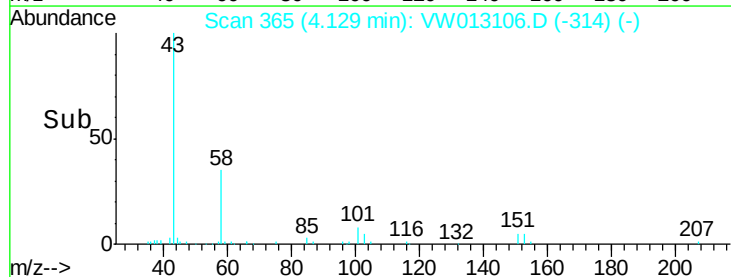
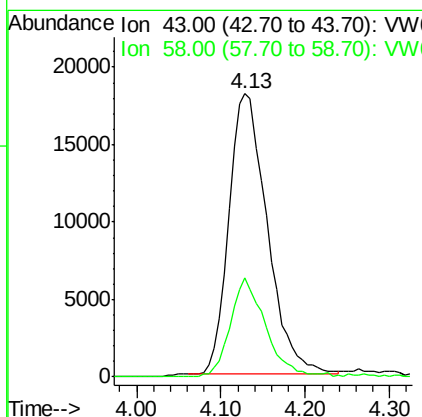
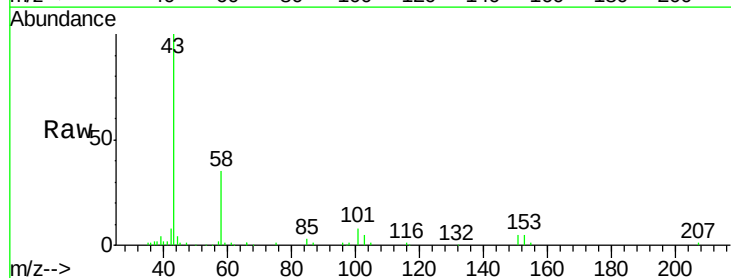
RT: 4.13 min Scan# 365

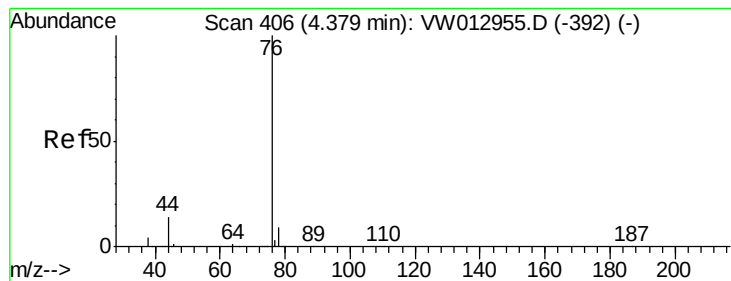
Delta R.T. 0.01 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 56119 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 35.4  | 22.3  | 33.5# |





#17

Carbon Disulfide

Concen: 20.170 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

ClientSampleId :

VW0918SBS01

Tot Ion: 76 Resp: 99470

Ion Ratio Lower Upper

76 100

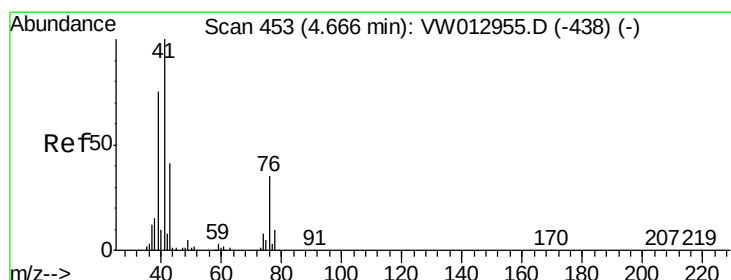
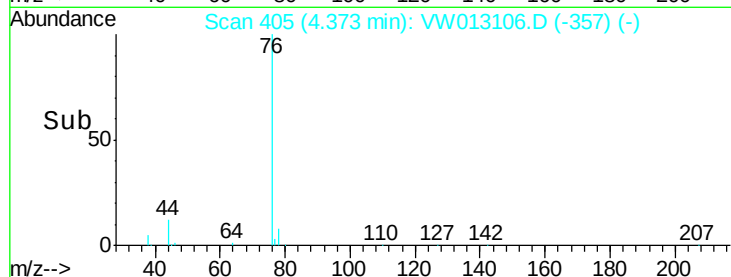
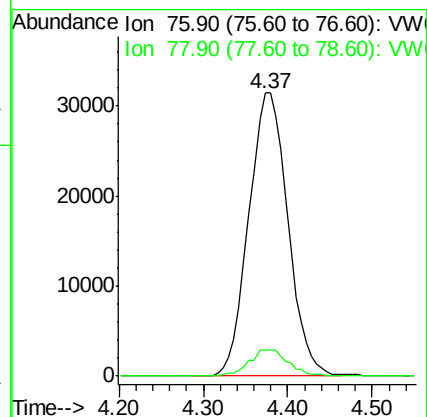
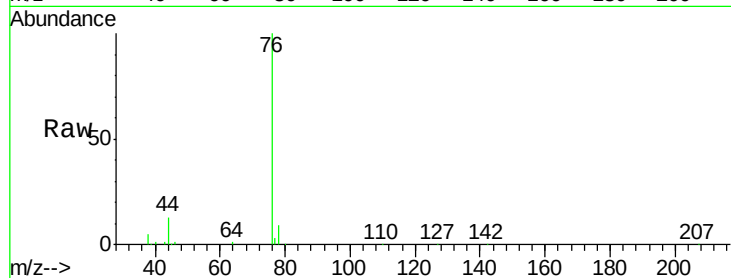
78 9.0 7.0 10.4

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#18

Methyl Acetate

Concen: 17.600 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW013106.D

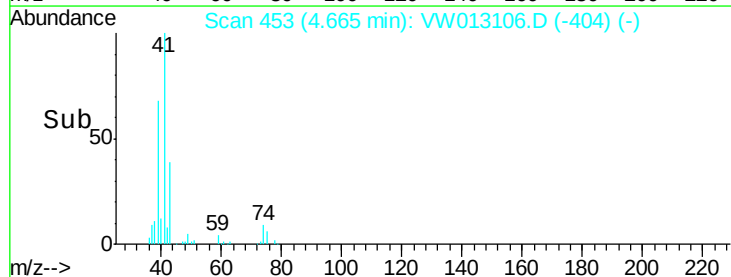
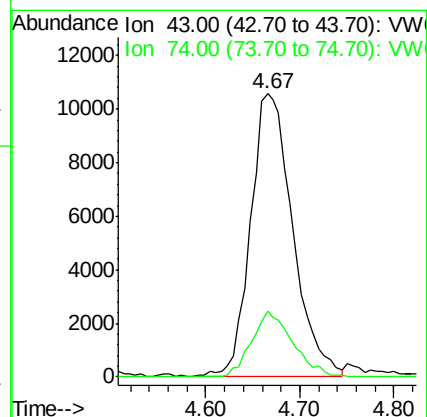
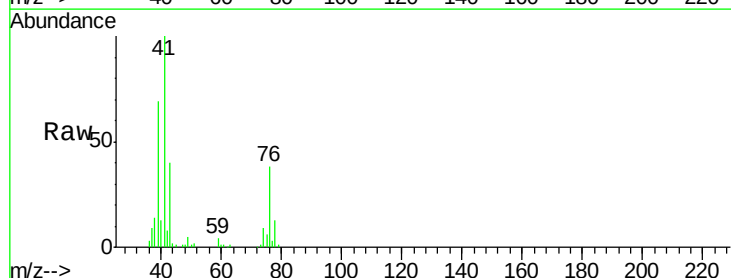
Acq: 18 Sep 2019 12:09

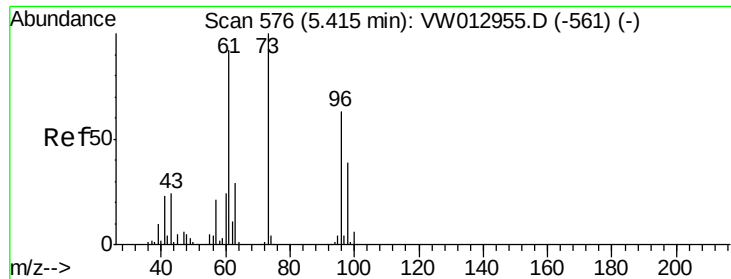
Tgt Ion: 43 Resp: 33201

Ion Ratio Lower Upper

43 100

74 22.5 17.8 26.8





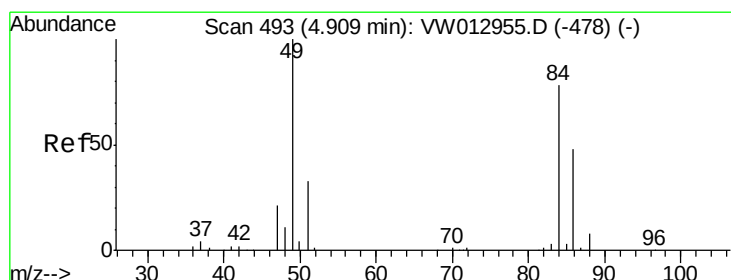
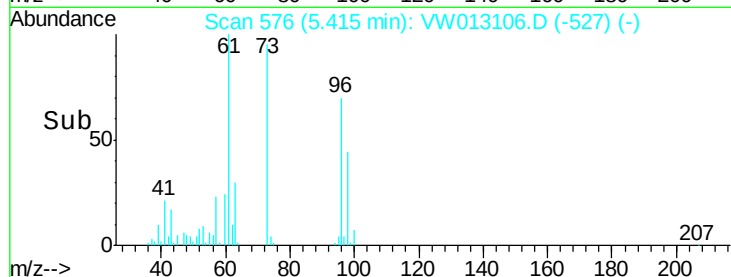
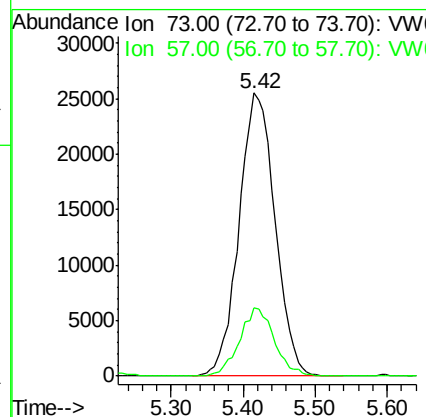
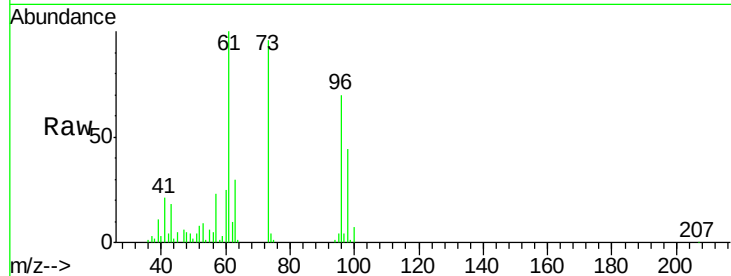
#19  
Methyl tert-butyl Ether  
Concen: 18.144 ug/l  
RT: 5.42 min Scan# 576  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

Tot Ion: 73 Resp: 88633  
Ion Ratio Lower Upper  
73 100  
57 24.1 16.4 24.6

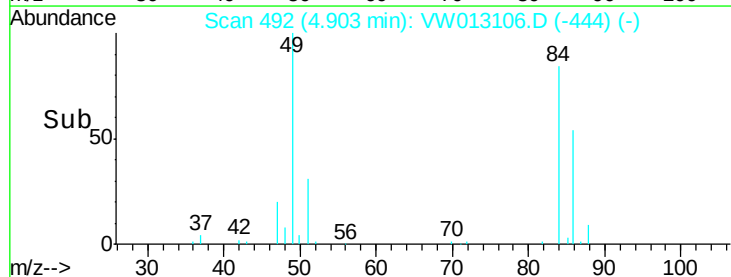
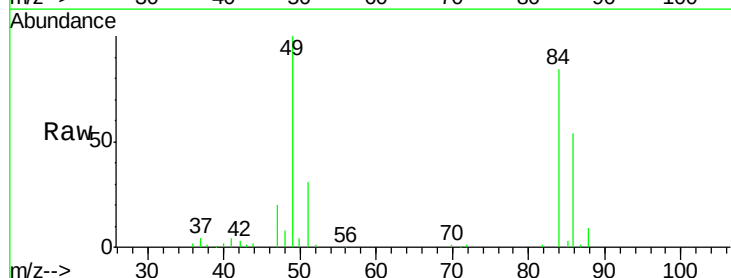
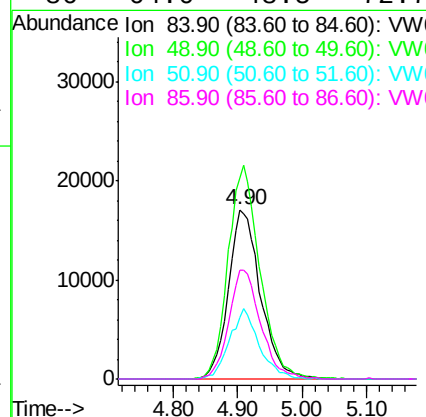
Manual Integrations  
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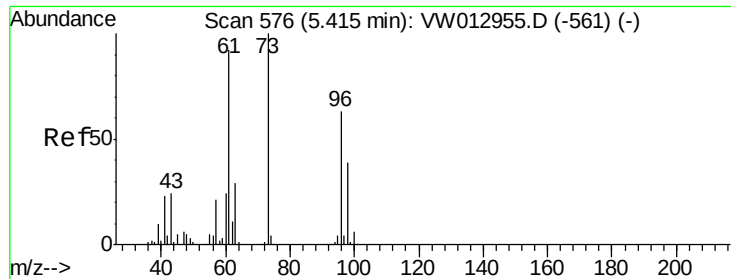
MMDadoda  
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#20  
Methylene Chloride  
Concen: 18.969 ug/l  
RT: 4.90 min Scan# 492  
Delta R.T. -0.01 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Tgt Ion: 84 Resp: 59353  
Ion Ratio Lower Upper  
84 100  
49 118.7 102.0 153.0  
51 36.4 34.0 51.0  
86 64.0 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 20.856 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

ClientSampleId :

VW0918SBS01

Tot Ion: 96 Resp: 55279

Ion Ratio Lower Upper

96 100

61 143.1 116.2 174.2

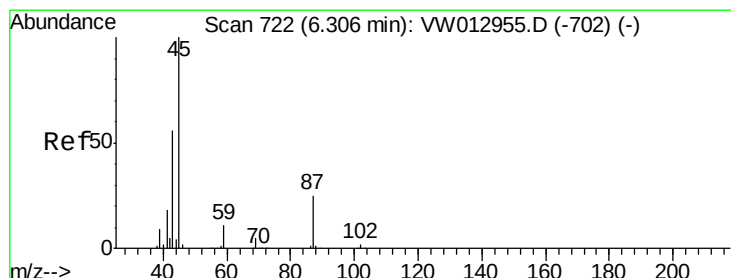
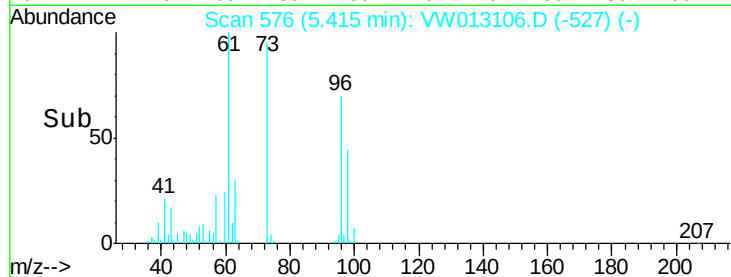
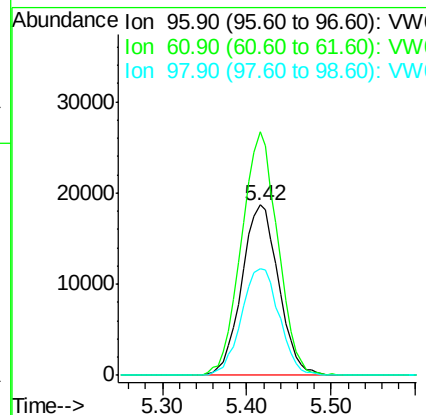
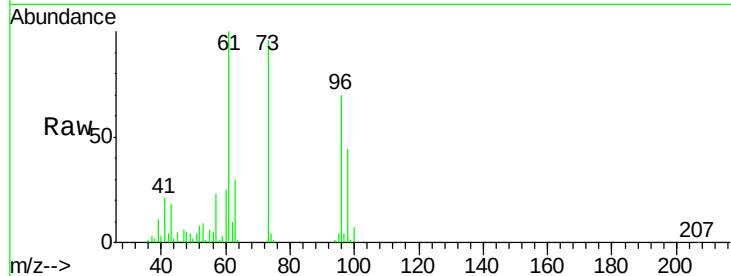
98 62.5 49.8 74.6

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#22

Diisopropyl ether

Concen: 18.910 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Tgt Ion: 45 Resp: 184560

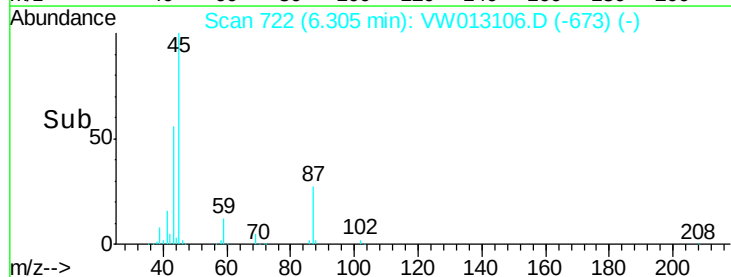
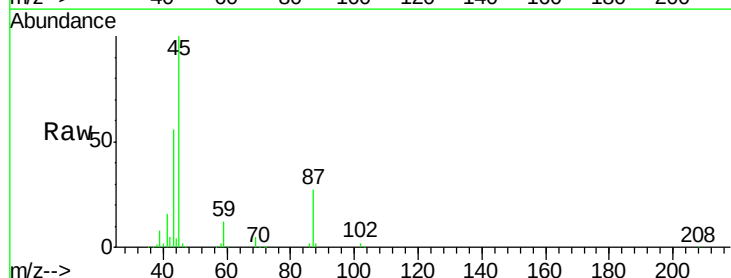
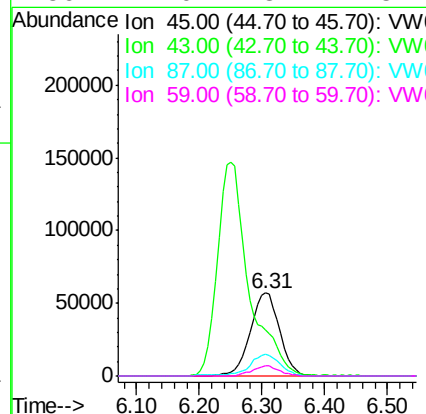
Ion Ratio Lower Upper

45 100

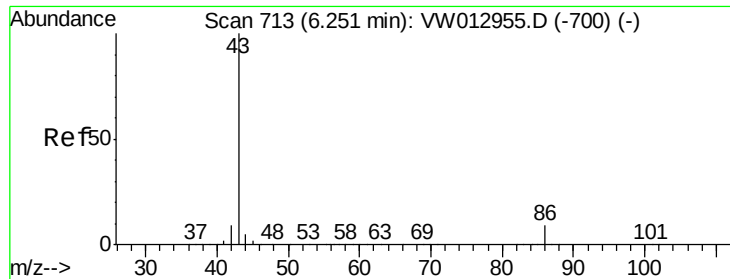
43 55.1 44.6 67.0

87 26.7 20.0 30.0

59 12.0 8.7 13.1







#23

Vinyl Acetate

Concen: 87.218 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

ClientSampleId :

VW0918SBS01

Tot Ion: 43 Resp: 509835

Ion Ratio Lower Upper

43 100

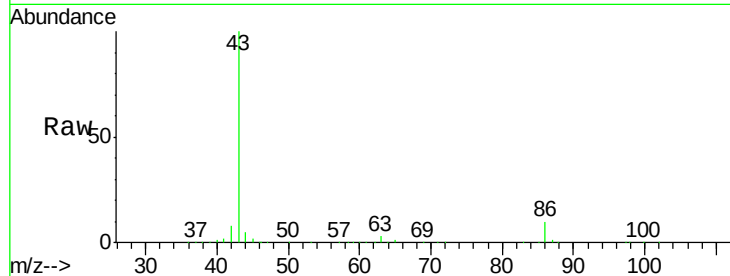
86 10.5 7.0 10.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

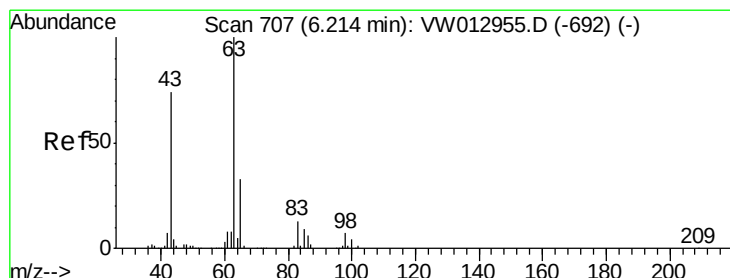
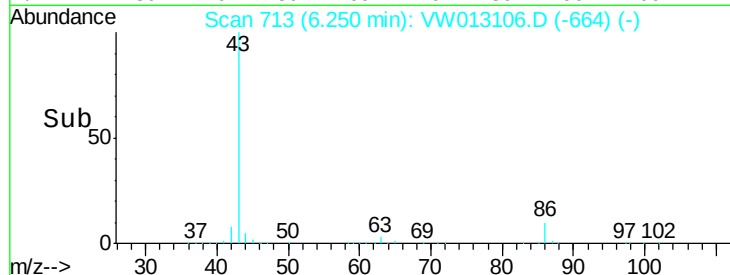
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.051 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

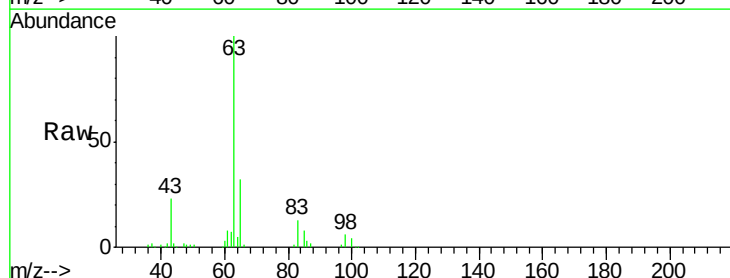
Tgt Ion: 63 Resp: 107203

Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

100 3.8 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

50000

40000

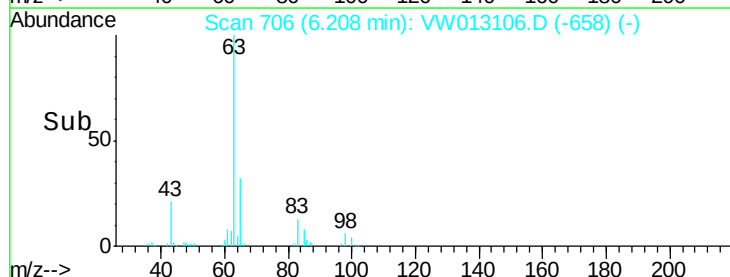
30000

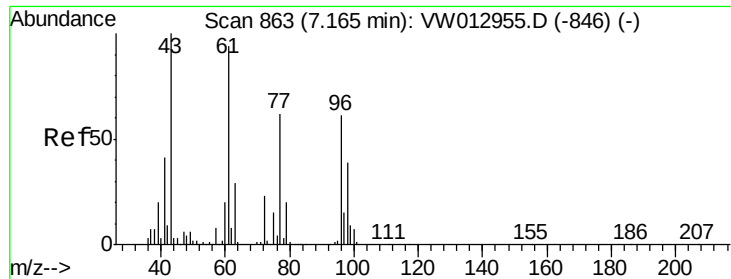
20000

10000

0

Time-->





#25

2-Butanone

Concen: 79.628 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

ClientSampleId :

VW0918SBS01

Tot Ion: 43 Resp: 83837

Ion Ratio Lower Upper

43 100

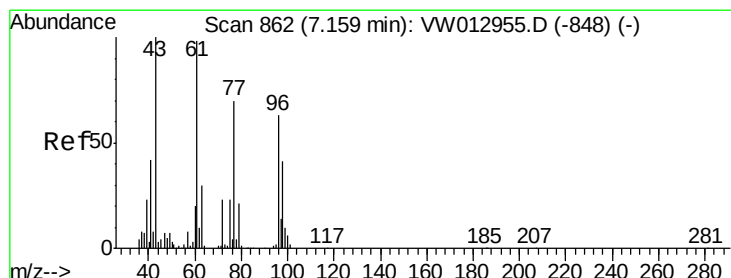
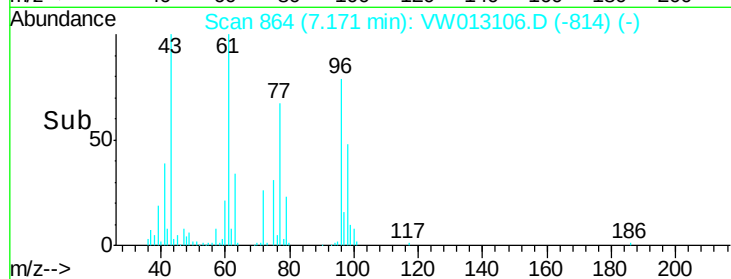
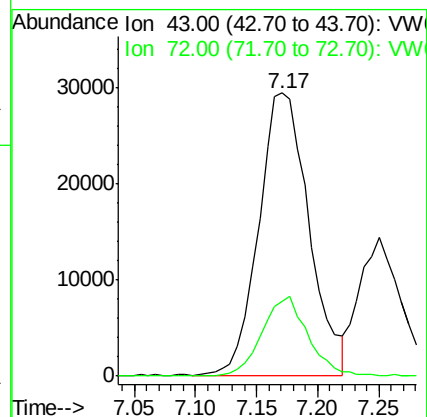
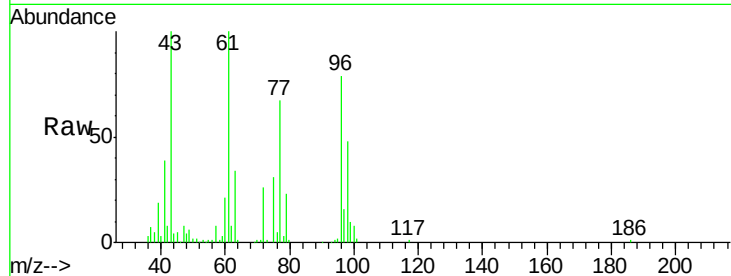
72 26.6 18.2 27.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.529 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW013106.D

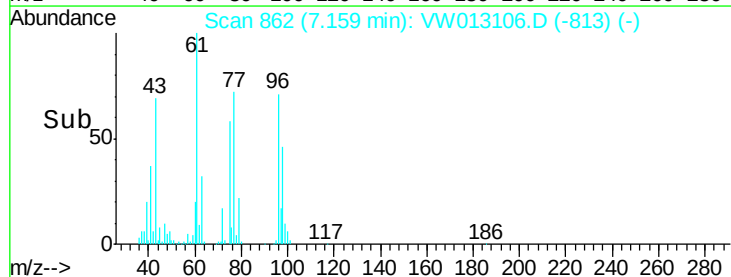
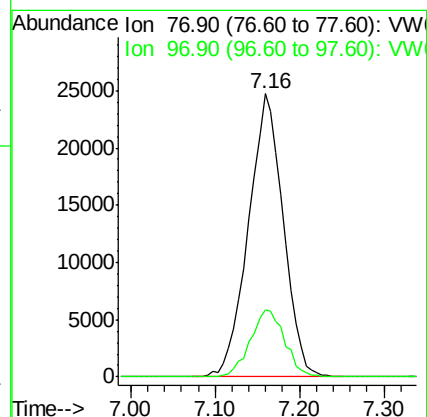
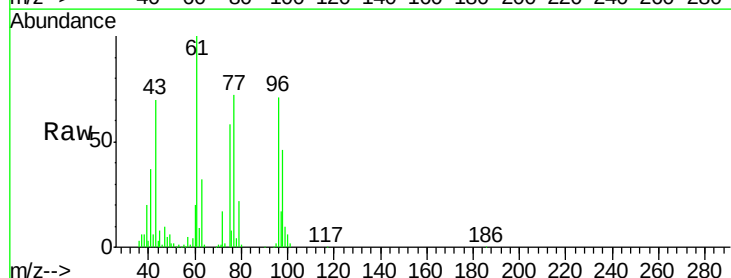
Acq: 18 Sep 2019 12:09

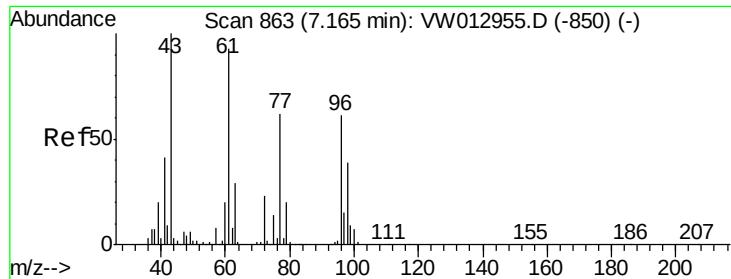
Tgt Ion: 77 Resp: 69394

Ion Ratio Lower Upper

77 100

97 23.3 10.7 32.1





#27

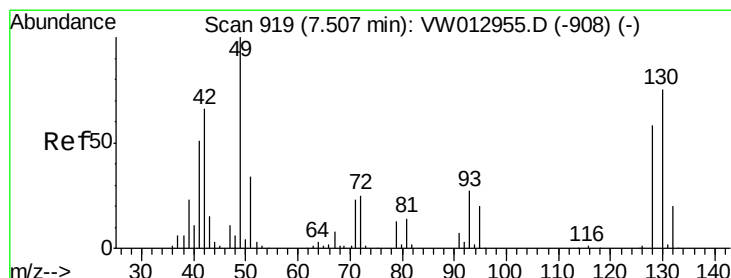
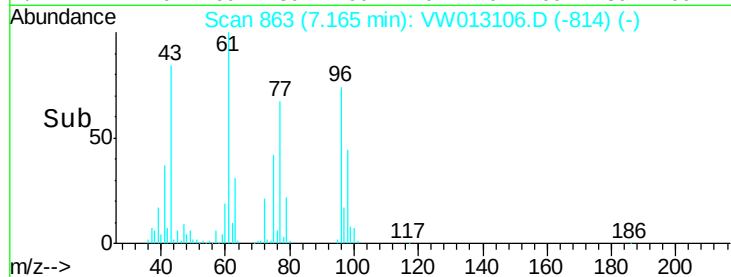
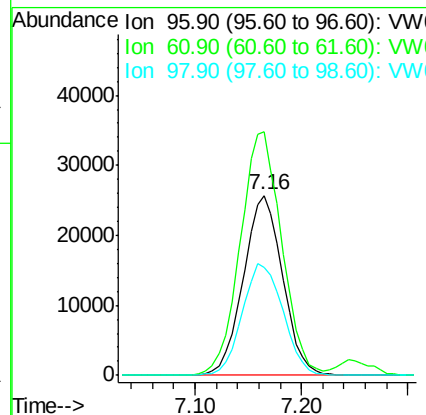
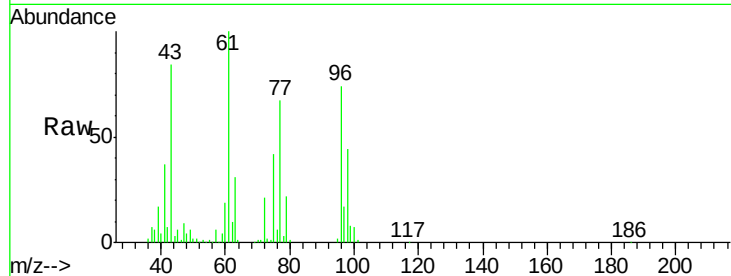
cis-1,2-Dichloroethene  
 Concen: 20.947 ug/l  
 RT: 7.16 min Scan# 863  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0918SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 142.9 | 0.0   | 315.4 |
| 98      | 64.4  | 0.0   | 131.0 |

Manual Integrations  
 APPROVED

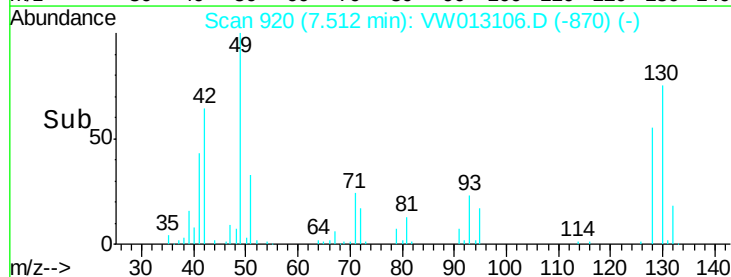
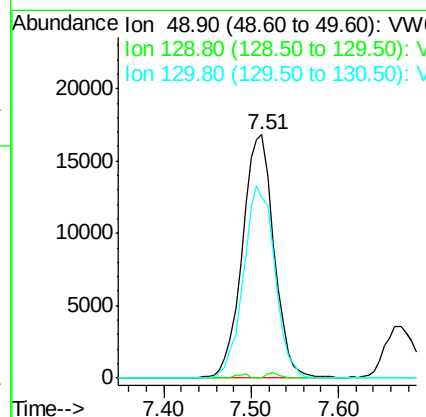
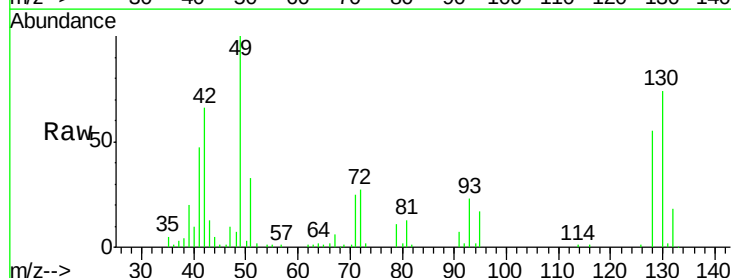
MMDadoda  
 9/19/2019 11:22:10 AM

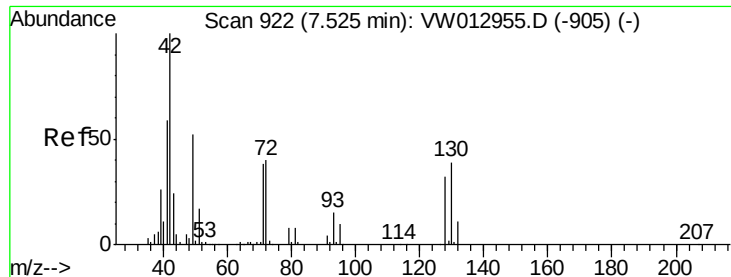


#28

Bromochloromethane  
 Concen: 17.835 ug/l  
 RT: 7.51 min Scan# 920  
 Delta R.T. 0.01 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.9   | 0.0   | 1.4   |
| 130     | 78.2  | 57.8  | 86.6  |





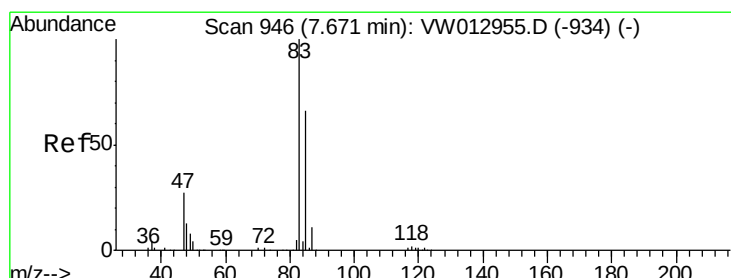
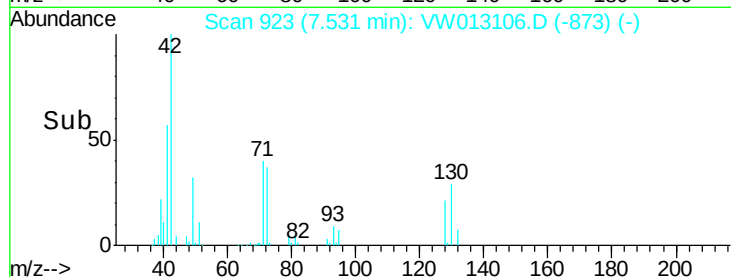
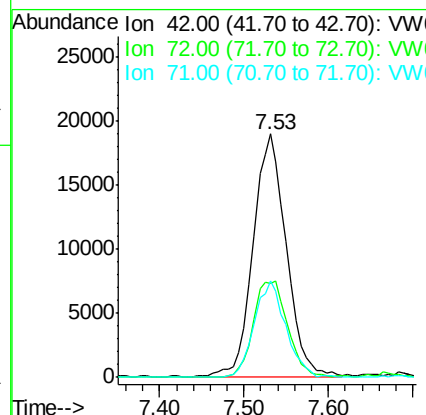
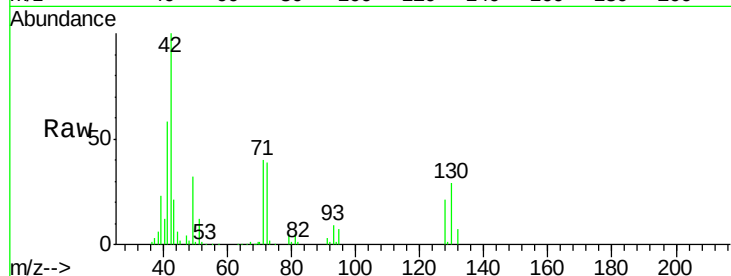
#29  
Tetrahydrofuran  
Concen: 84.946 ug/l  
RT: 7.53 min Scan# 923  
Delta R.T. 0.01 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.8  | 31.4  | 47.0  |
| 71      | 37.2  | 29.8  | 44.8  |

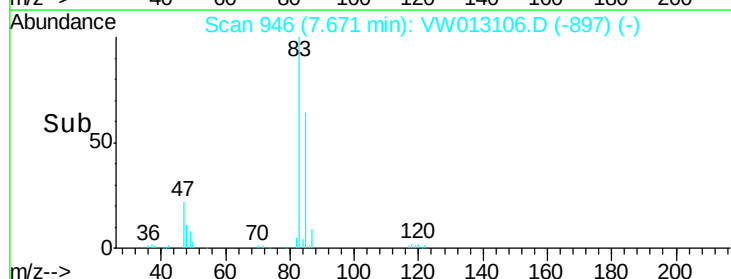
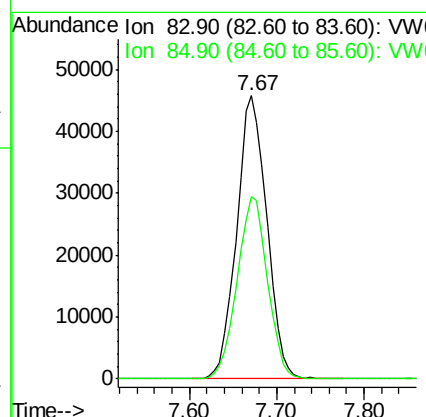
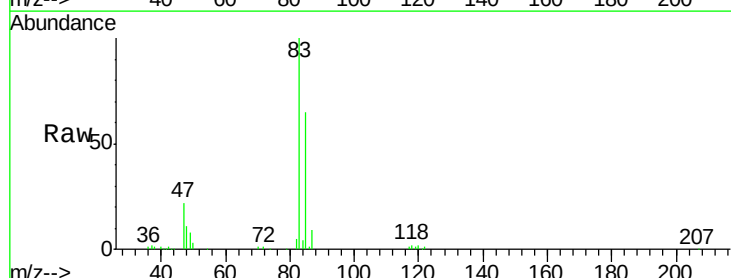
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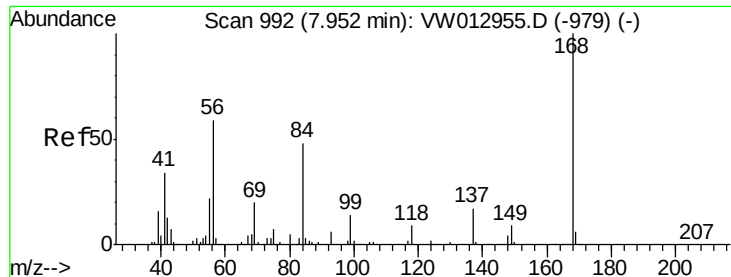
MMDadoda  
9/19/2019 11:22:10 AM



#30  
Chloroform  
Concen: 19.173 ug/l  
RT: 7.67 min Scan# 946  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.6  | 52.8  | 79.2  |





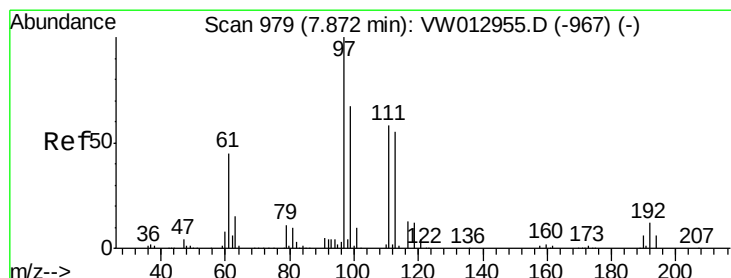
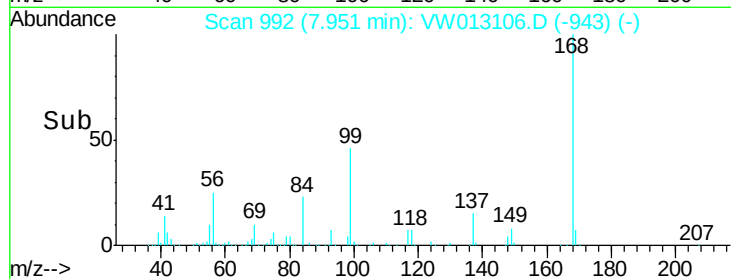
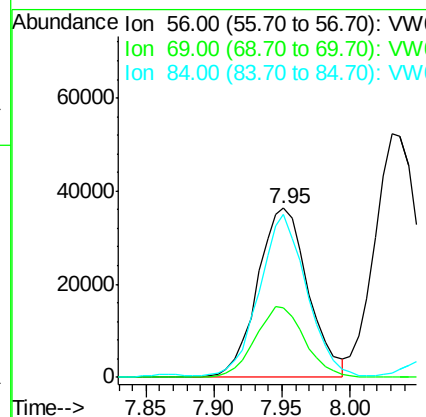
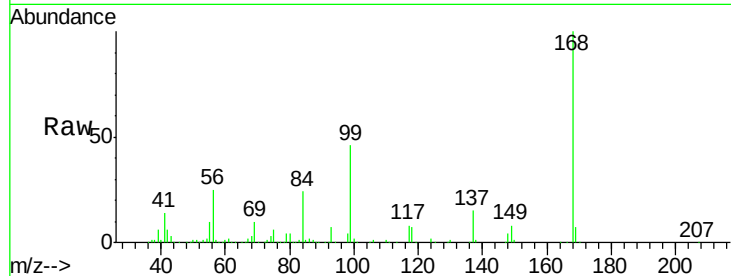
#31  
Cyclohexane  
Concen: 19.894 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. 0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 56      | 100   |      |       |       |
| 69      | 40.7  | 27.0 | 40.6# |       |
| 84      | 94.9  | 66.2 | 99.2  |       |

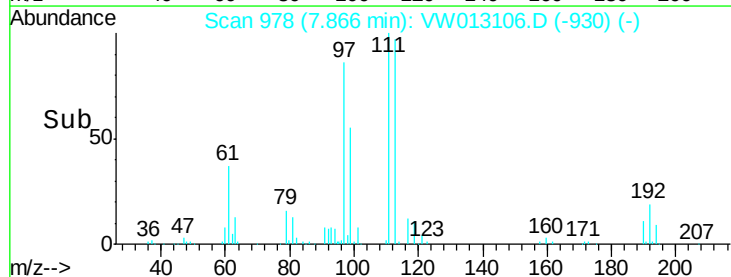
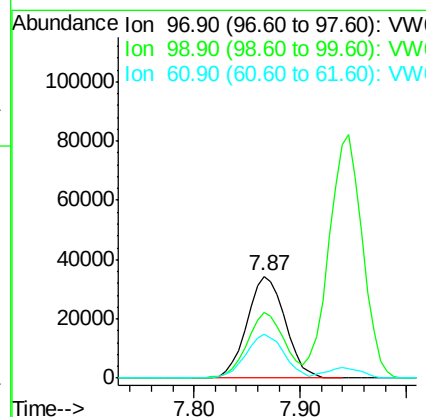
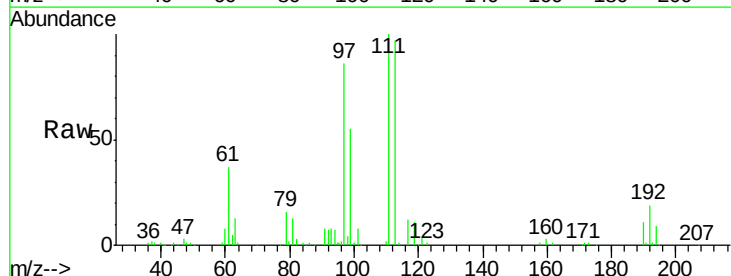
Manual Integrations  
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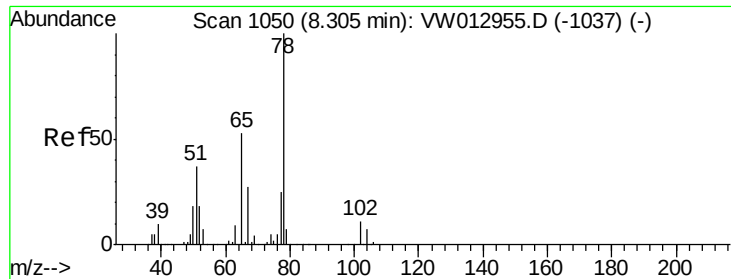
MMDadoda  
9/19/2019 11:22:10 AM



#32  
1,1,1-Trichloroethane  
Concen: 18.300 ug/l  
RT: 7.87 min Scan# 978  
Delta R.T. -0.01 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 97      | 100   |      |       |       |
| 99      | 63.3  | 53.0 | 79.4  |       |
| 61      | 43.1  | 36.5 | 54.7  |       |





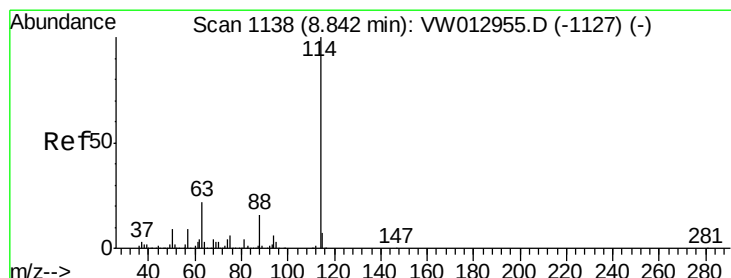
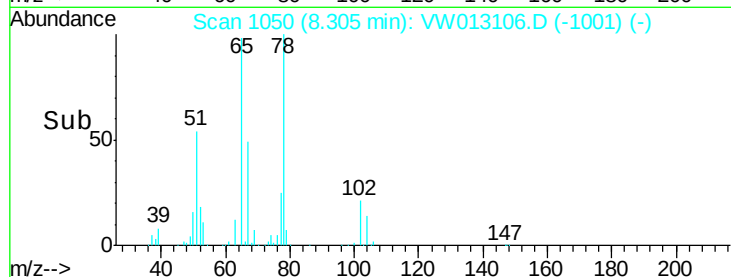
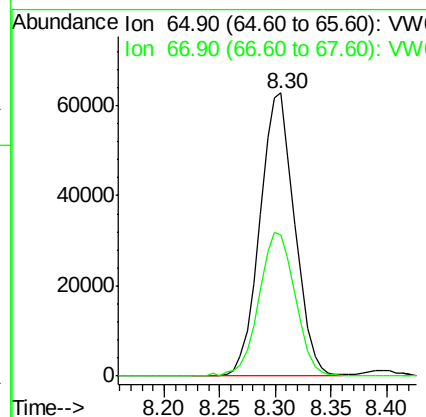
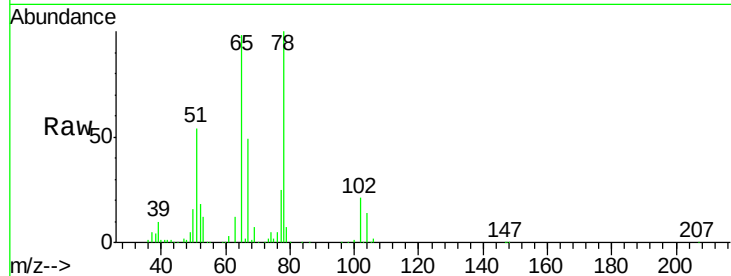
#33  
 1,2-Dichloroethane-d4  
 Concen: 41.298 ug/l  
 RT: 8.30 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0918SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 136744 |       |       |
| 67      | 52.8  | 0.0    | 101.2 |       |

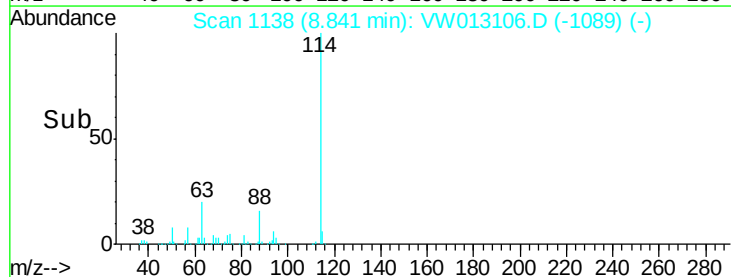
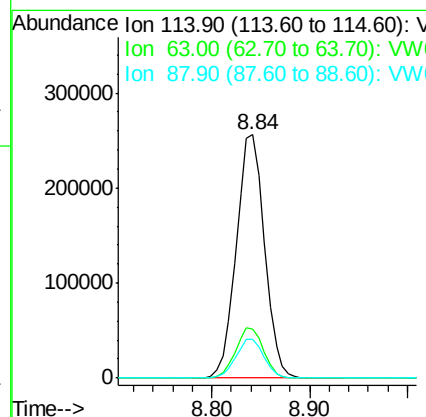
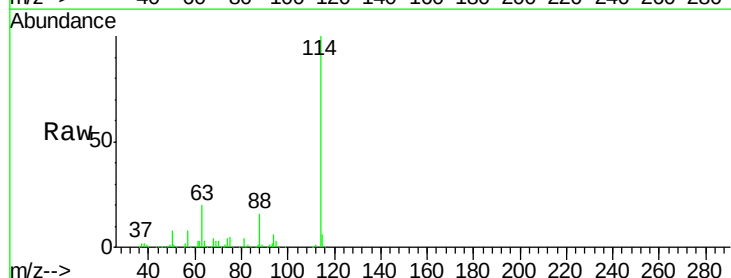
Manual Integrations  
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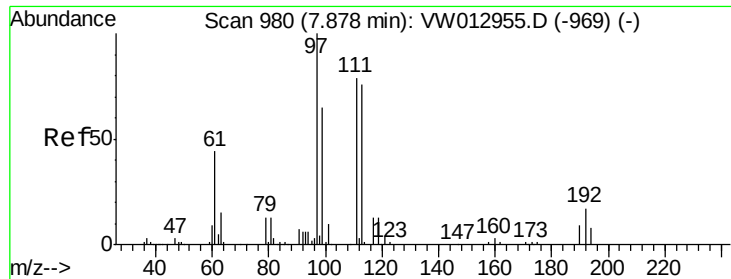
MMDadoda  
 9/19/2019 11:22:10 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 512305 |       |       |
| 63      | 19.9  | 0.0    | 43.4  |       |
| 88      | 16.0  | 0.0    | 31.6  |       |





#35

Dibromofluoromethane

Concen: 48.135 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

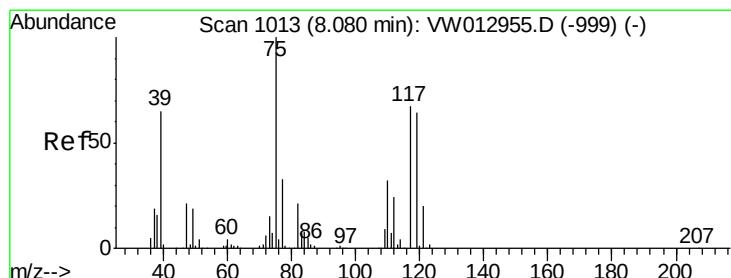
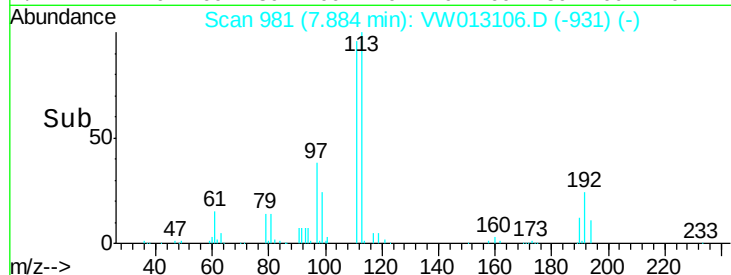
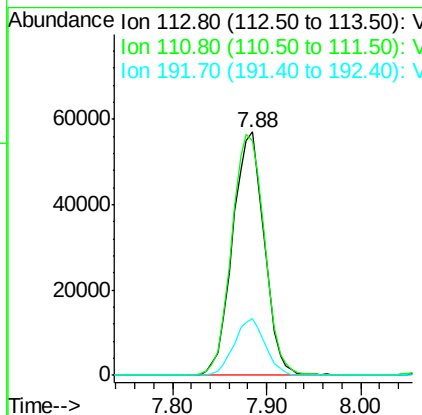
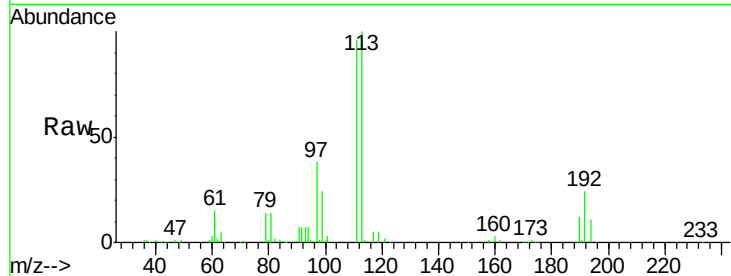
ClientSampleId :

VW0918SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 133807 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.9 | 82.8  | 124.2  |
| 192       | 22.8  | 17.8  | 26.8   |

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#36

1,1-Dichloropropene

Concen: 19.917 ug/l

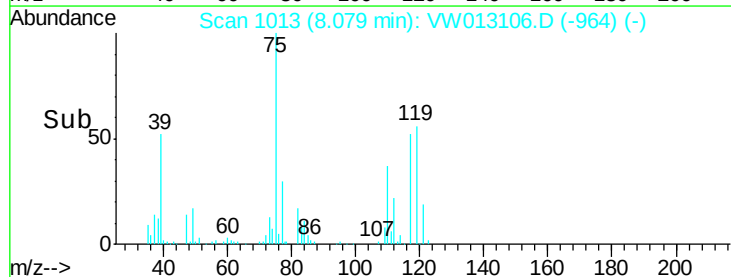
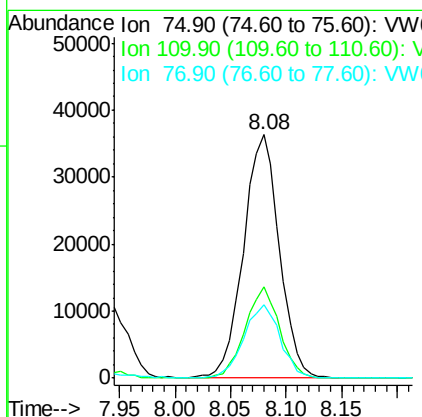
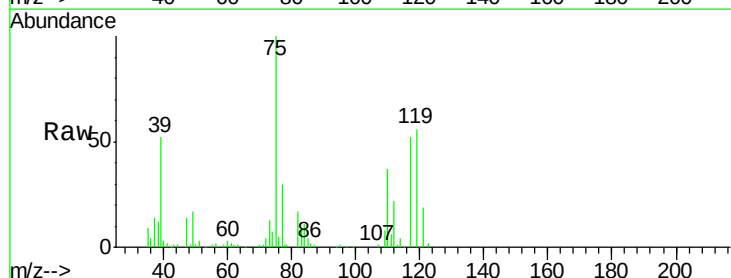
RT: 8.08 min Scan# 1013

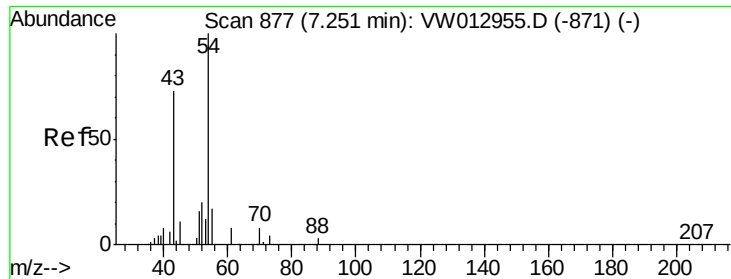
Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 81537 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 35.8  | 16.4  | 49.1  |
| 77        | 30.6  | 25.1  | 37.7  |





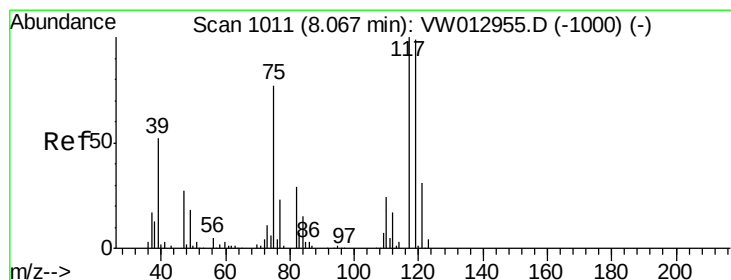
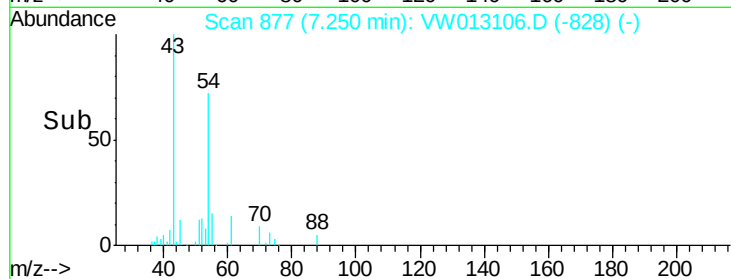
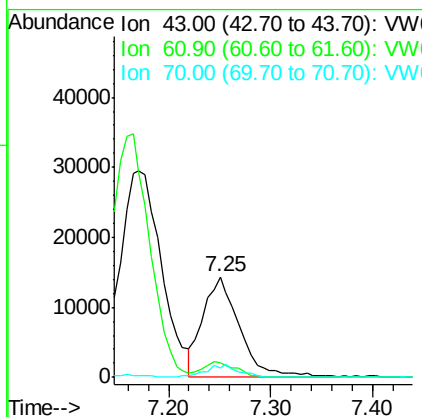
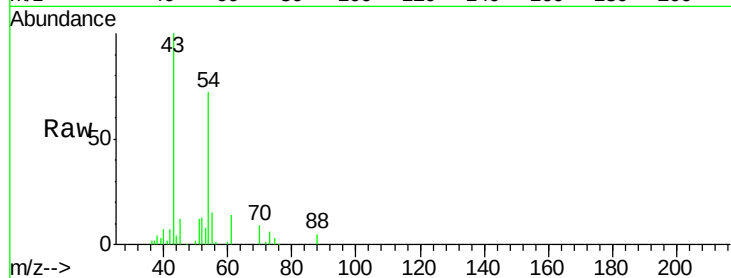
#37  
Ethyl Acetate  
Concen: 16.168 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 43      | 100   |      |       |       |
| 61      | 14.7  | 9.6  | 14.4# |       |
| 70      | 11.6  | 7.6  | 11.4# |       |

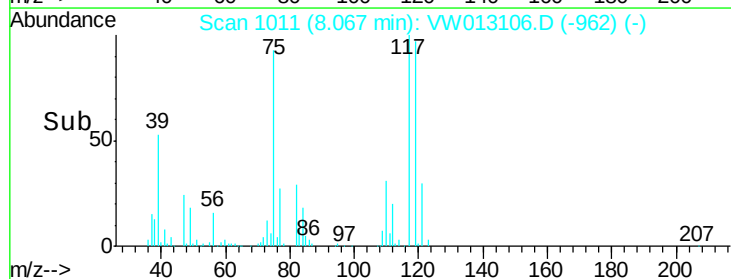
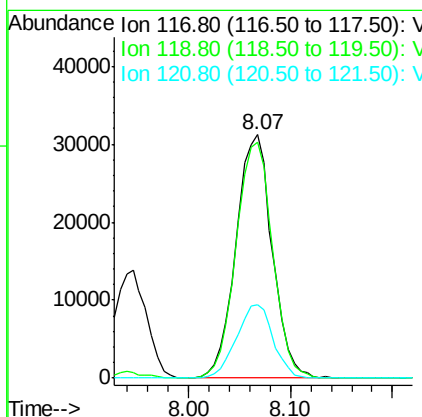
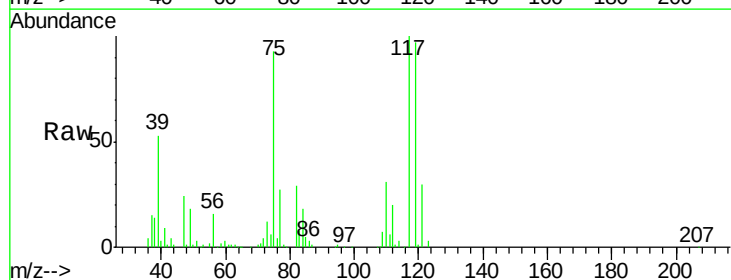
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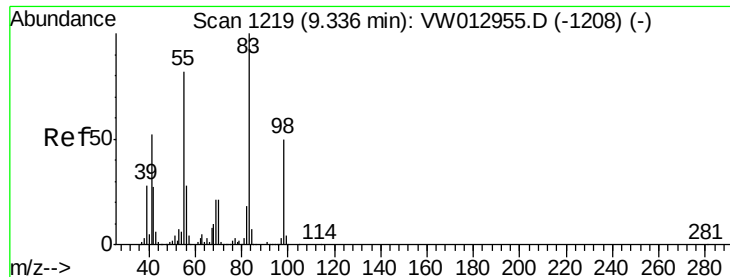


#38  
Carbon Tetrachloride  
Concen: 18.372 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 97.1  | 79.4 | 119.0 |       |
| 121     | 30.1  | 24.6 | 36.8  |       |







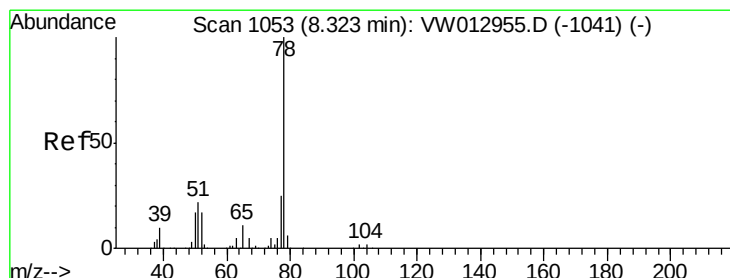
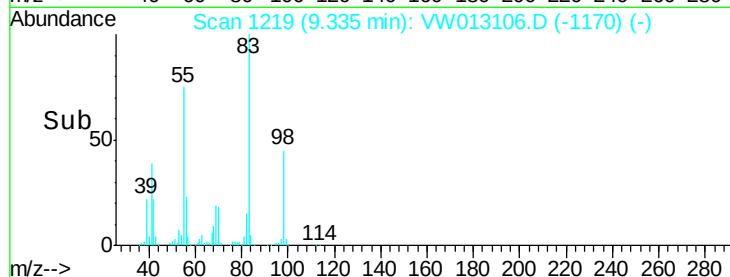
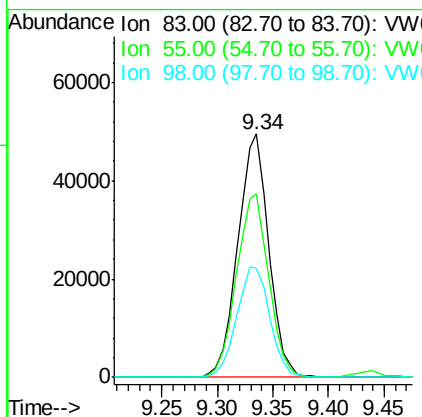
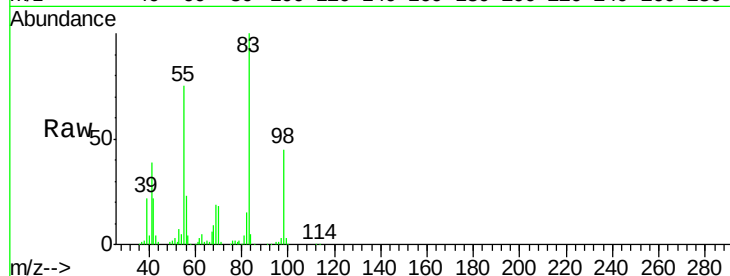
#39  
Methylvlcyclohexane  
Concen: 21.220 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 75.5  | 65.9  | 98.9  |
| 98      | 44.9  | 39.6  | 59.4  |

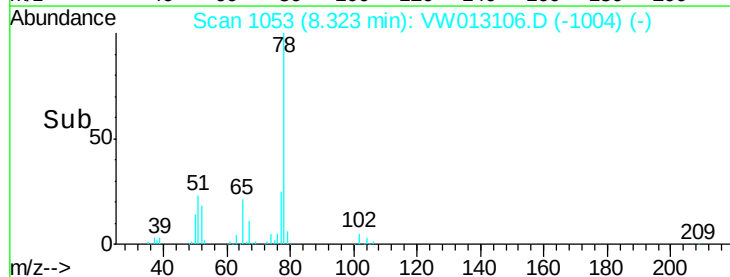
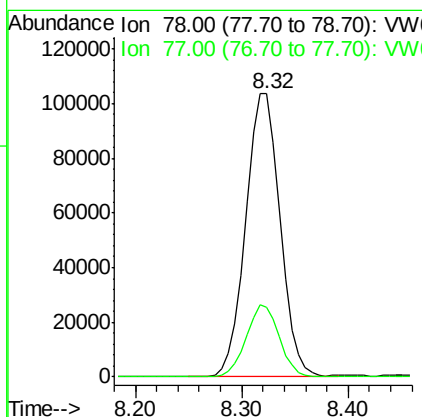
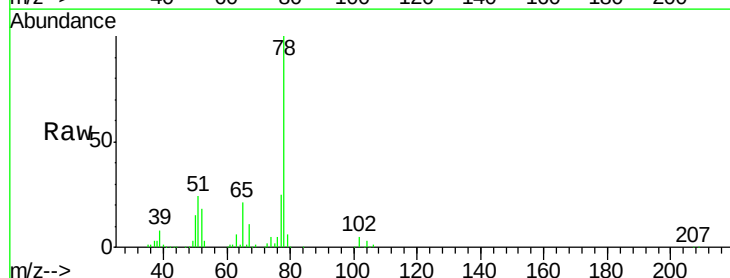
Manual Integrations  
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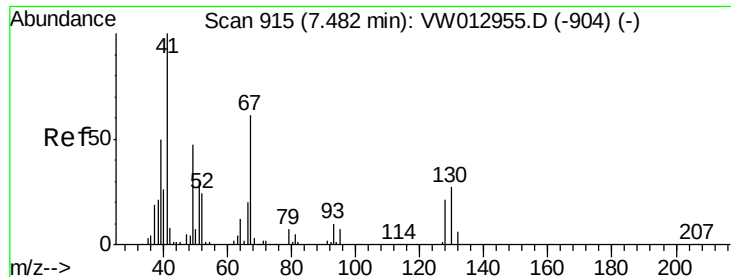
MMDadoda  
9/19/2019 11:22:10 AM



#40  
Benzene  
Concen: 20.638 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.7  | 19.6  | 29.4  |





#41

Methacrylonitrile

Concen: 17.070 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

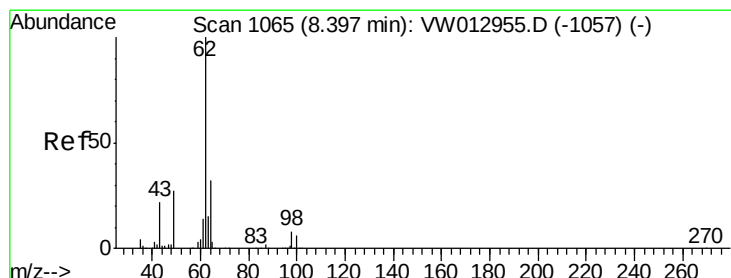
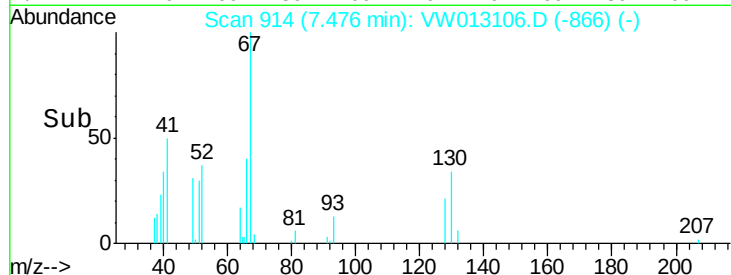
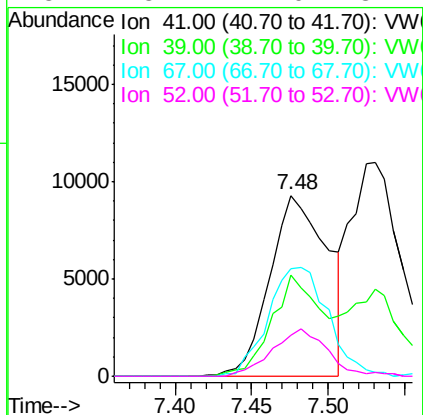
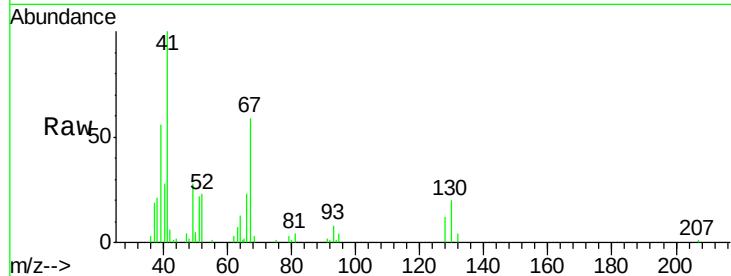
ClientSampleId :

VW0918SBS01

| Tot Ion | 41    | Resp  | 24426 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 46.3  | 48.2  | 72.4# |
| 67      | 62.4  | 47.5  | 71.3  |
| 52      | 25.1  | 21.0  | 31.4  |

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#42

1,2-Dichloroethane

Concen: 17.491 ug/l

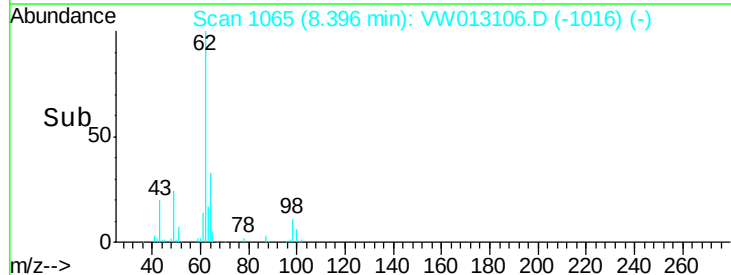
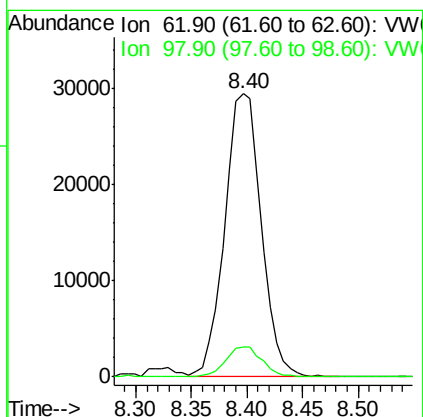
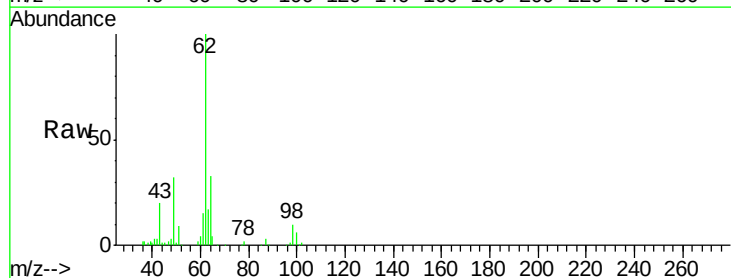
RT: 8.40 min Scan# 1065

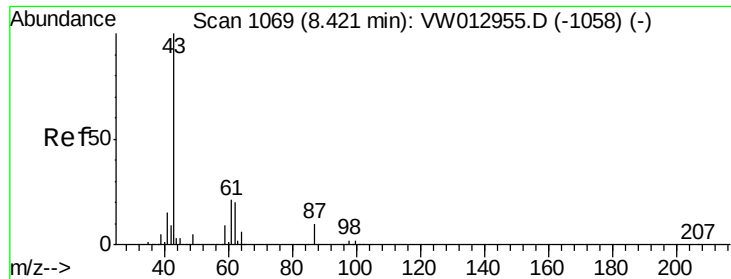
Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

| Tgt Ion | 62    | Resp  | 67010 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 62      | 100   |       |       |
| 98      | 10.6  | 0.0   | 16.8  |





#43

Isopropyl Acetate

Concen: 16.743 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

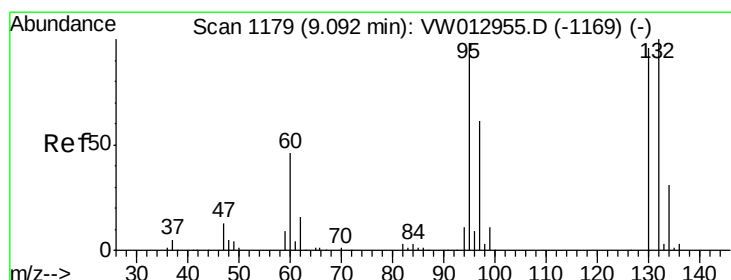
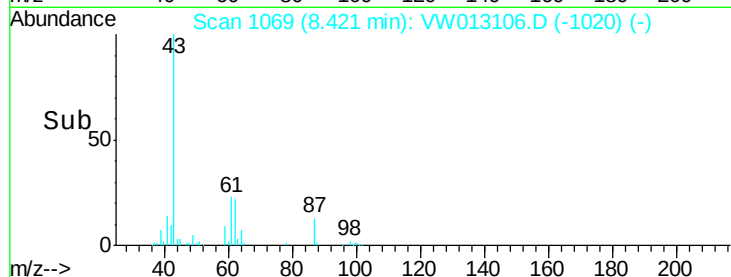
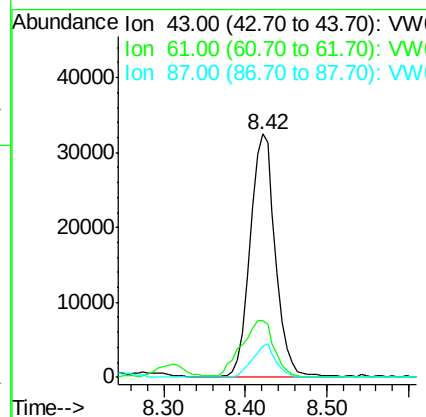
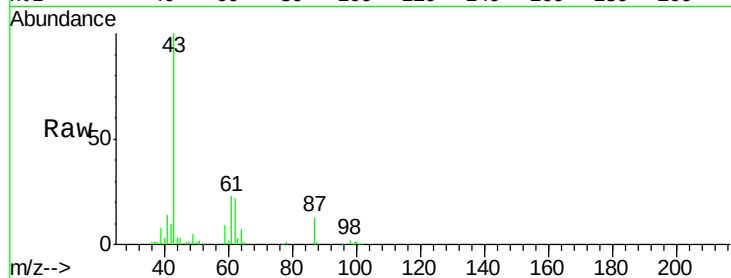
ClientSampleId :

VW0918SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 69853 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 30.5  | 22.7  | 34.1  |
| 87       | 12.7  | 9.4   | 14.2  |

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#44

Trichloroethene

Concen: 21.252 ug/l

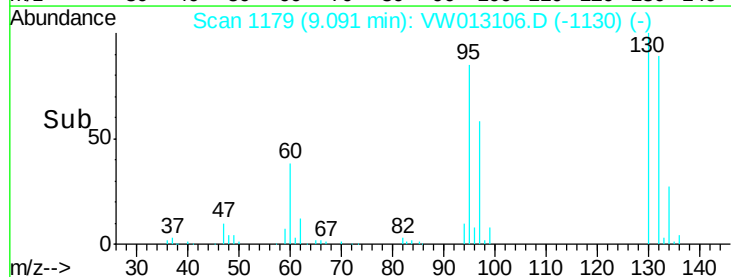
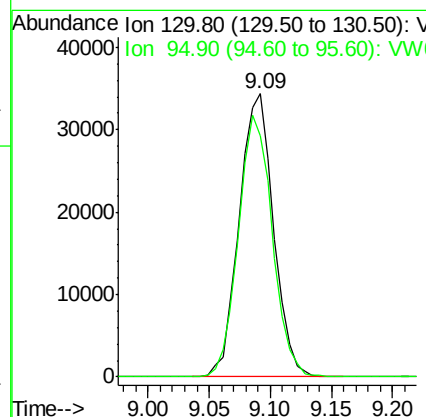
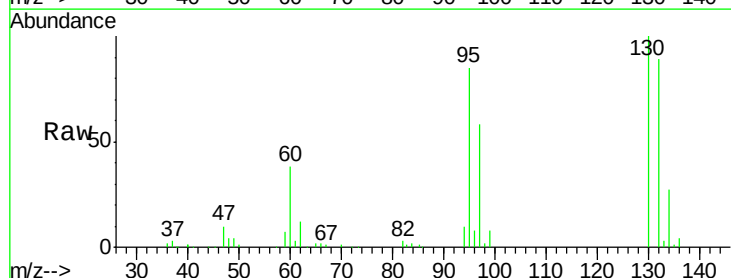
RT: 9.09 min Scan# 1179

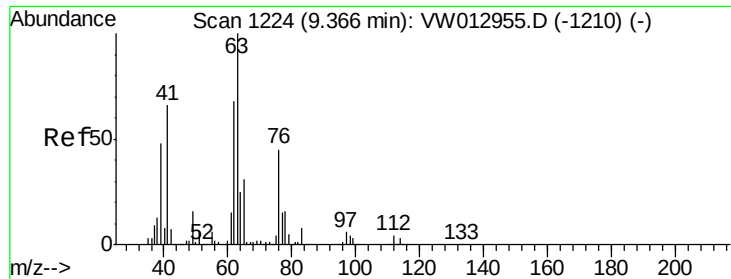
Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 66526 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 85.1  | 0.0   | 204.4 |





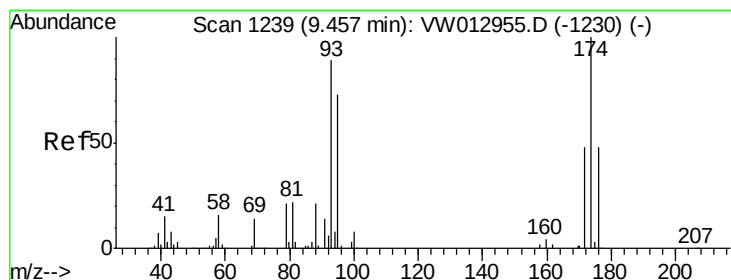
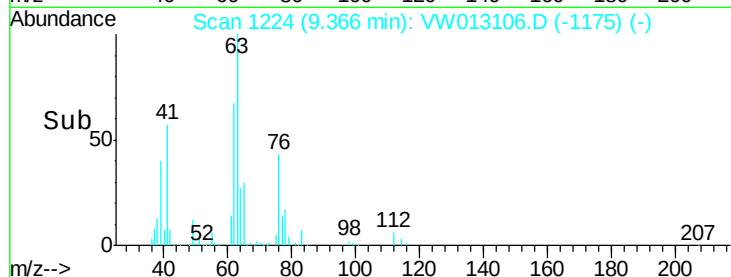
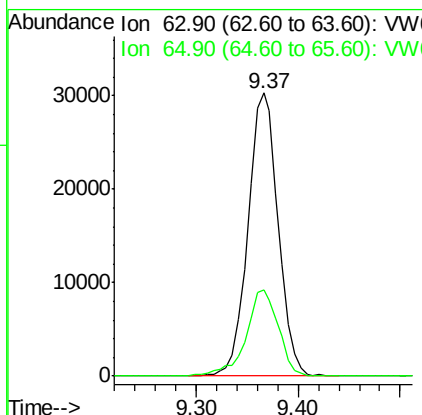
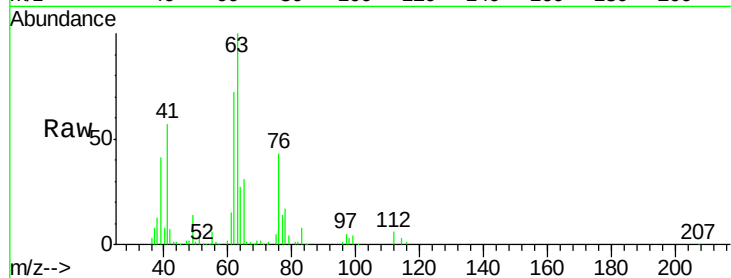
#45  
 1,2-Dichloropropane  
 Concen: 20.536 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0918SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.6  | 24.6  | 37.0  |

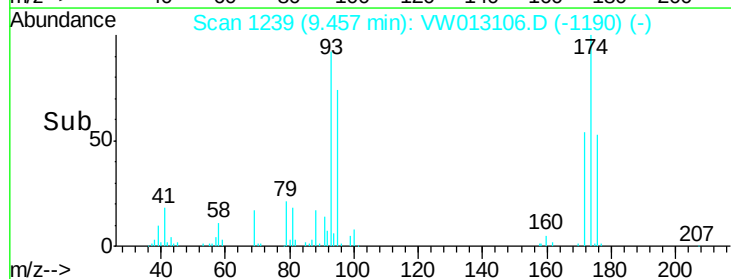
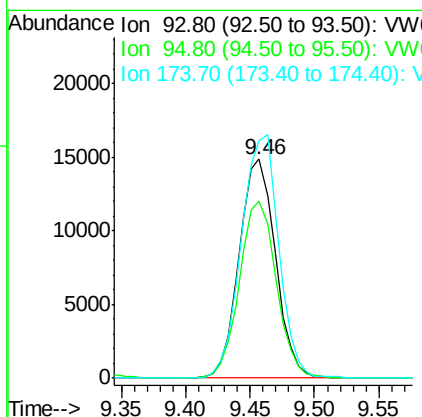
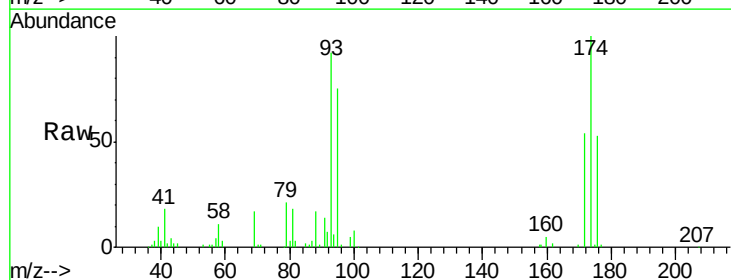
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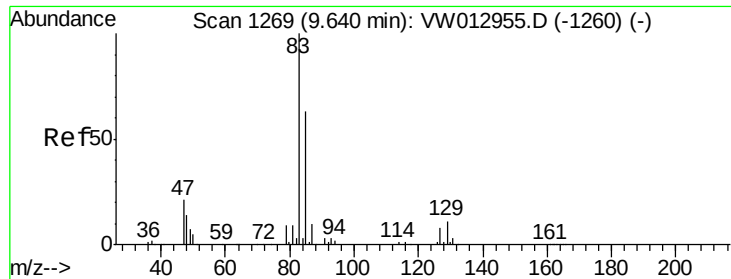
MMDadoda  
 9/19/2019 11:22:10 AM



#46  
 Dibromomethane  
 Concen: 19.935 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.2  | 67.0  | 100.4 |
| 174     | 114.2 | 90.5  | 135.7 |





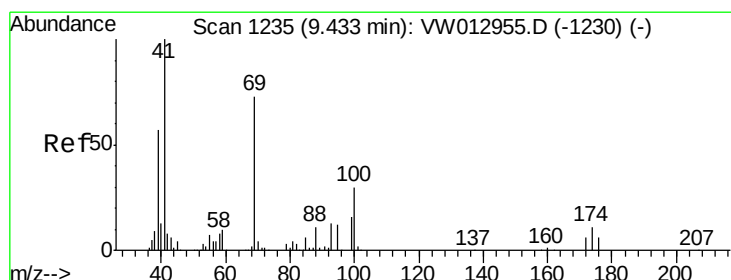
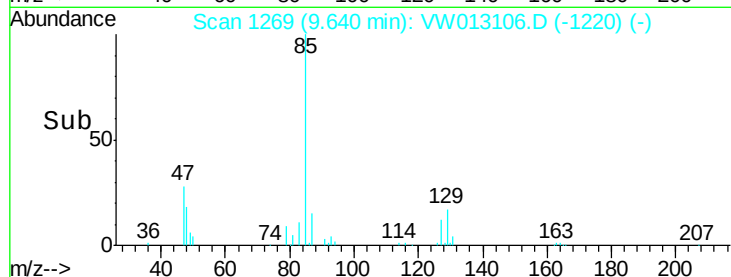
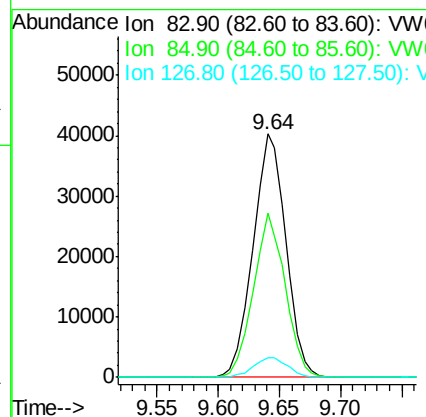
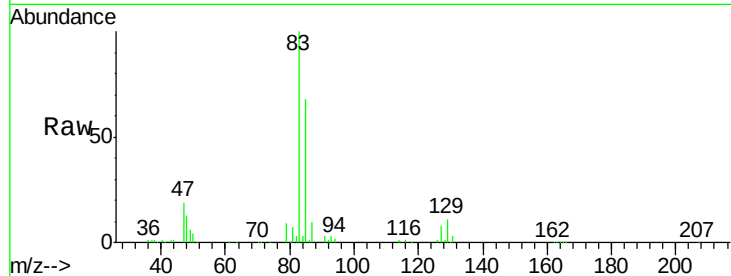
#47  
Bromodichloromethane  
Concen: 18.436 ug/l  
RT: 9.64 min Scan# 1269  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 67.6  | 50.6  | 75.8  |
| 127     | 8.0   | 6.7   | 10.1  |

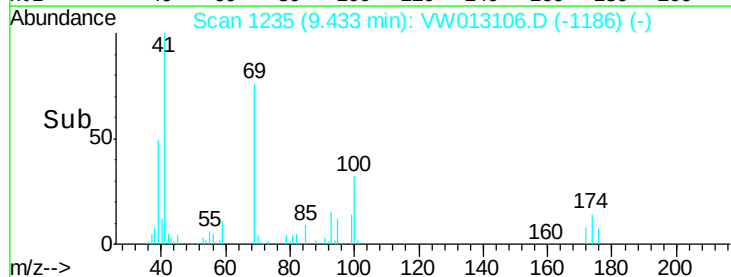
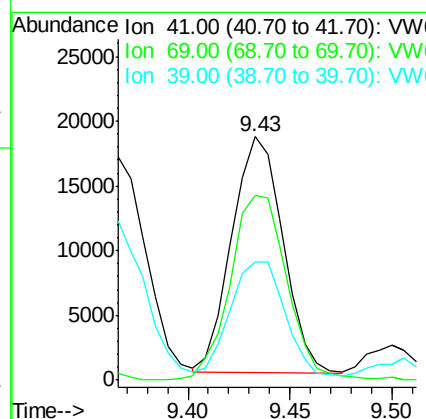
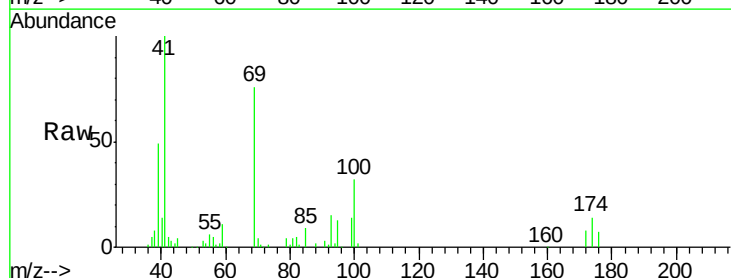
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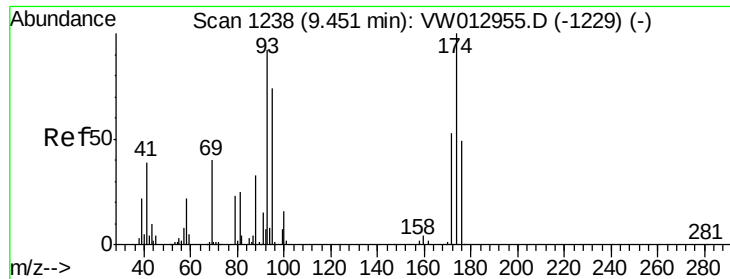
MMDadoda  
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#48  
Methyl methacrylate  
Concen: 16.172 ug/l  
RT: 9.43 min Scan# 1235  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 87.5  | 62.8  | 94.2  |
| 39      | 50.8  | 48.5  | 72.7  |





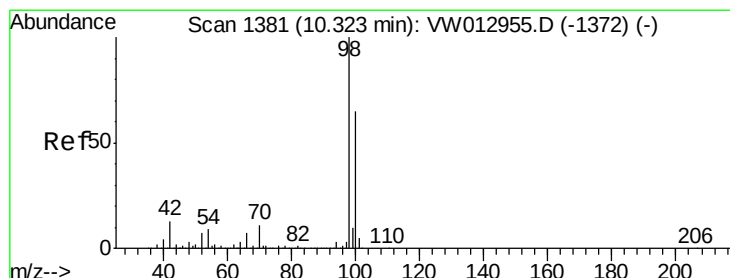
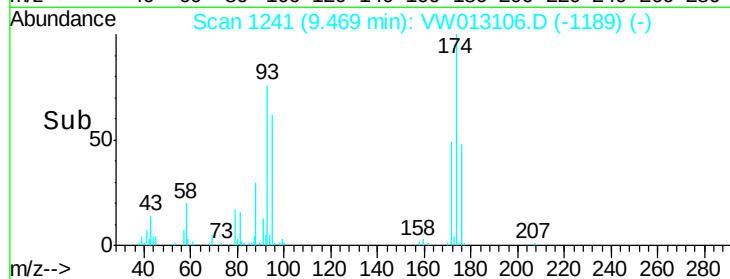
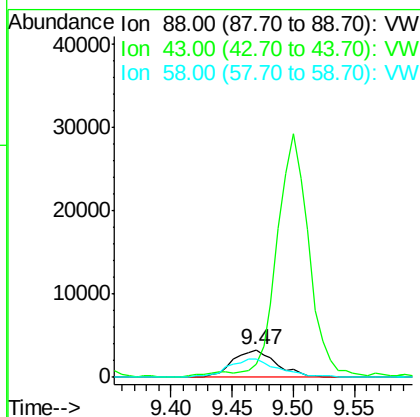
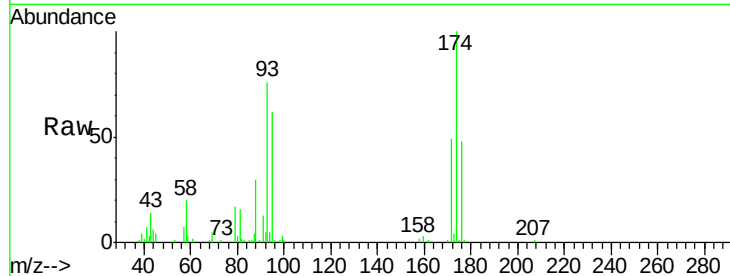
#49  
1,4-Dioxane  
Concen: 336.813 ug/l  
RT: 9.47 min Scan# 1241  
Delta R.T. 0.02 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

| Tot Ion | 88    | Resp  | 8210  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 0.0   | 31.3  | 46.9# |
| 58      | 77.6  | 60.2  | 90.2  |

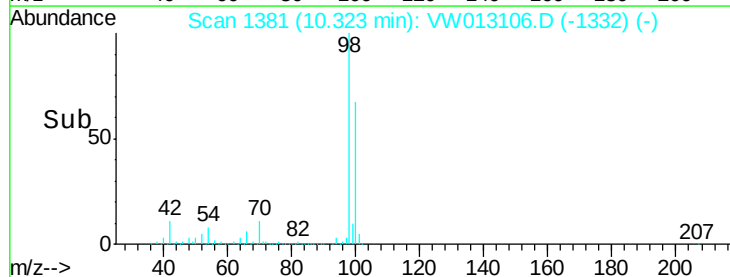
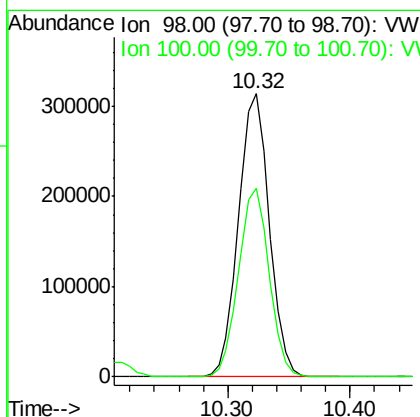
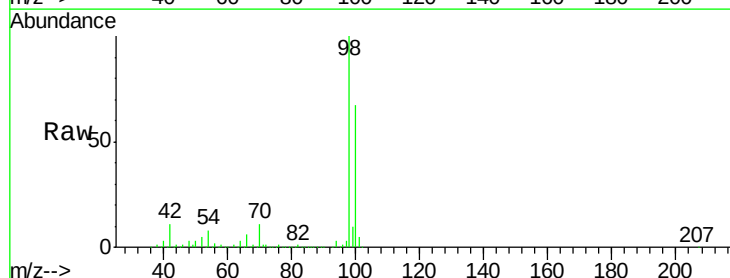
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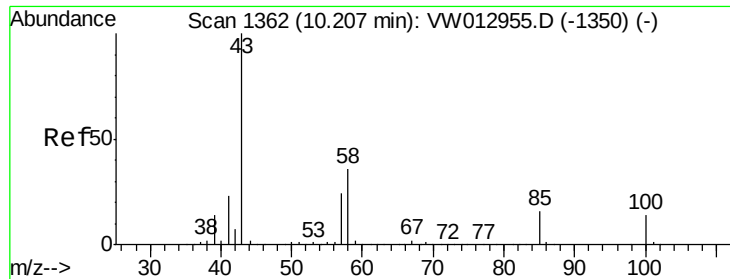
MMDadoda  
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#50  
Toluene-d8  
Concen: 50.461 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

| Tgt Ion | 98    | Resp  | 548902 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 66.3  | 52.1  | 78.1   |





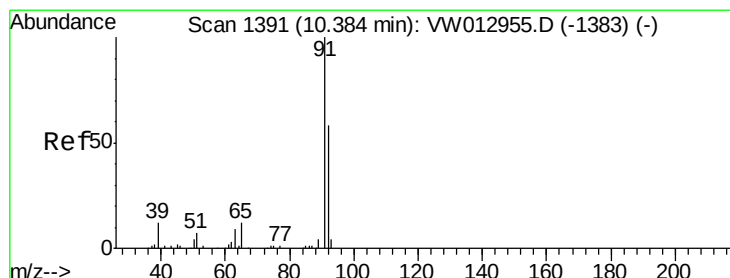
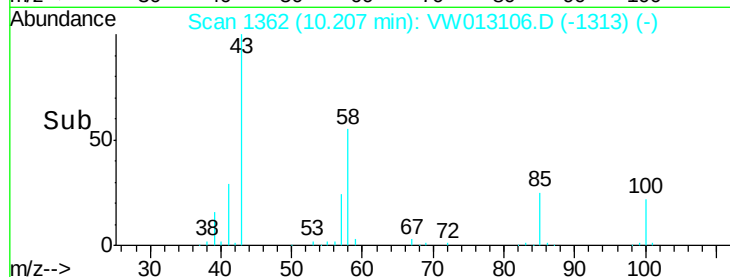
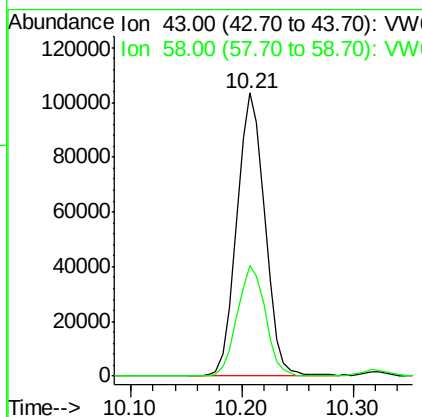
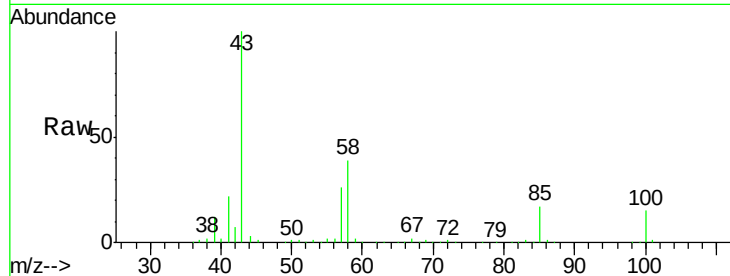
#51  
4-Methyl-2-Pentanone  
Concen: 83.605 ug/l  
RT: 10.21 min Scan# 1362  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 39.4  | 29.5  | 44.3  |

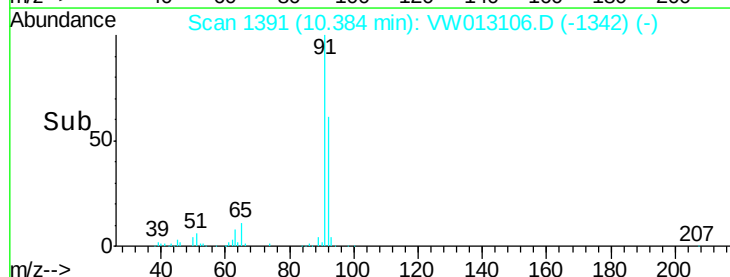
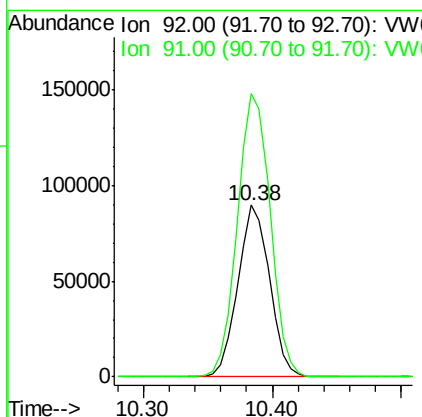
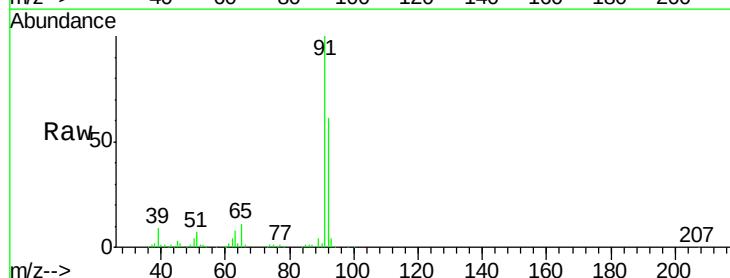
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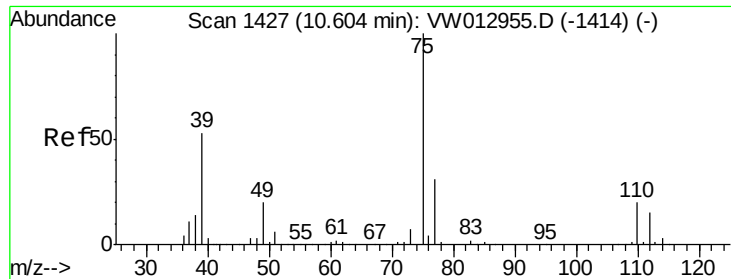
MMDadoda  
9/19/2019 11:22:10 AM



#52  
Toluene  
Concen: 21.027 ug/l  
RT: 10.38 min Scan# 1391  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 171.3 | 137.5 | 206.3 |





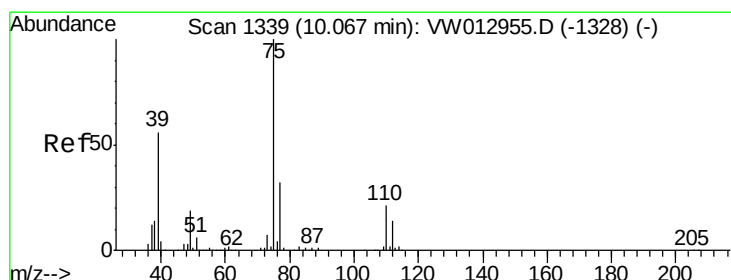
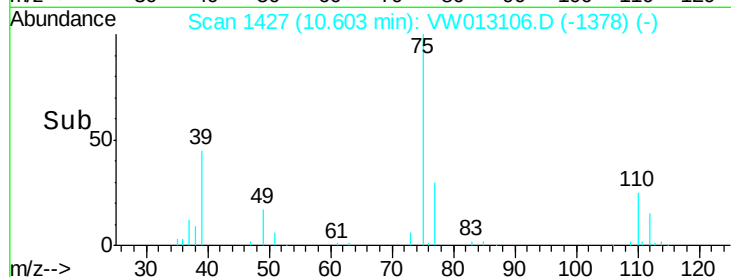
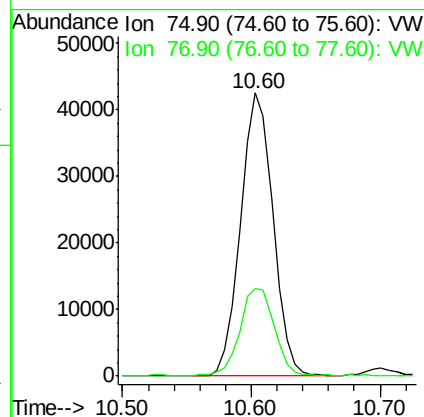
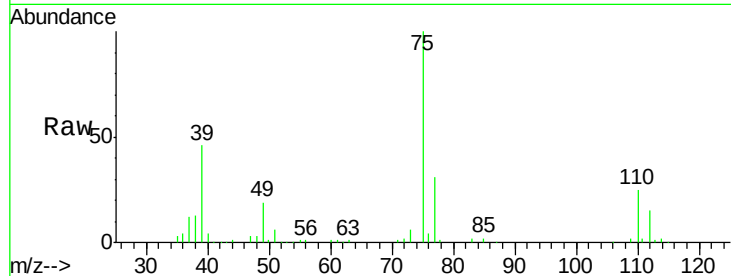
#53  
 t-1,3-Dichloropropene  
 Concen: 18.073 ug/l  
 RT: 10.60 min Scan# 1427  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0918SBS01

Tot Ion: 75 Resp: 74167  
 Ion Ratio Lower Upper  
 75 100  
 77 30.4 24.6 37.0

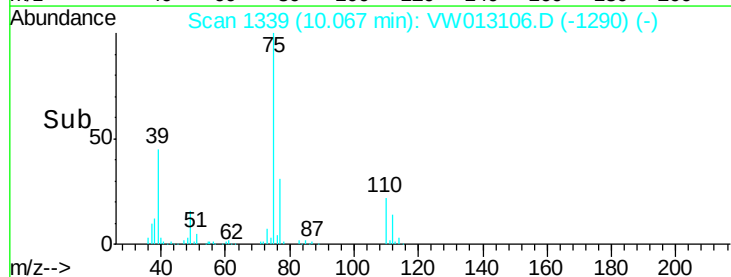
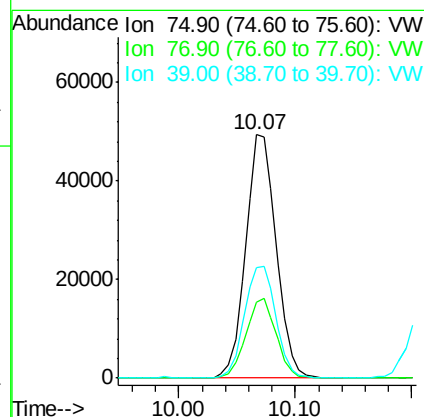
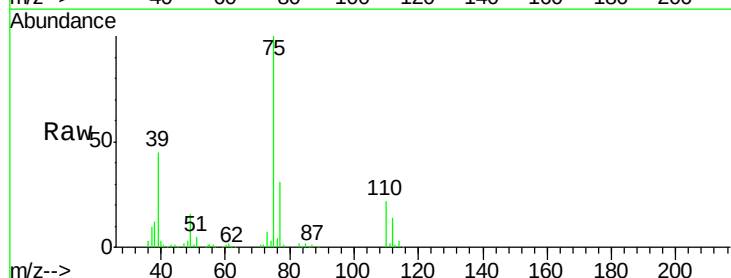
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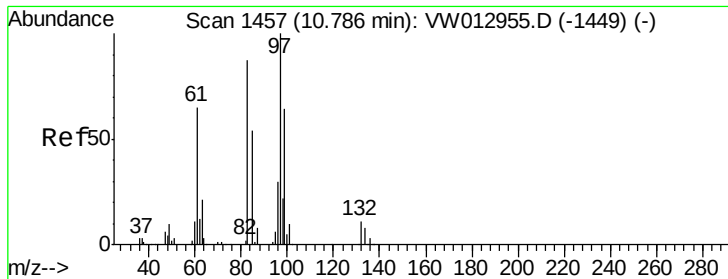


#54  
 cis-1,3-Dichloropropene  
 Concen: 19.243 ug/l  
 RT: 10.07 min Scan# 1339  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

Tgt Ion: 75 Resp: 90355  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.5 38.3  
 39 45.2 45.0 67.6







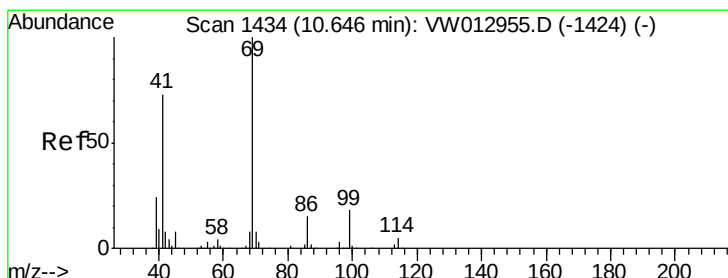
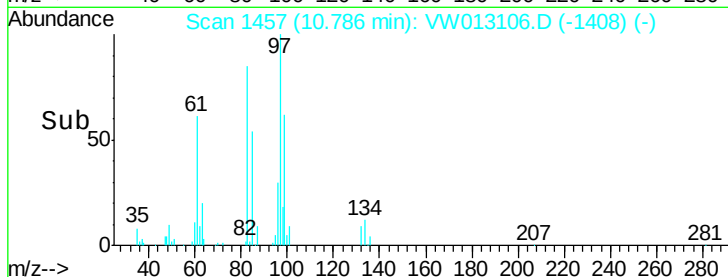
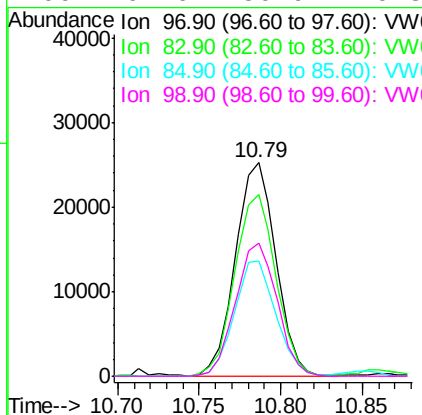
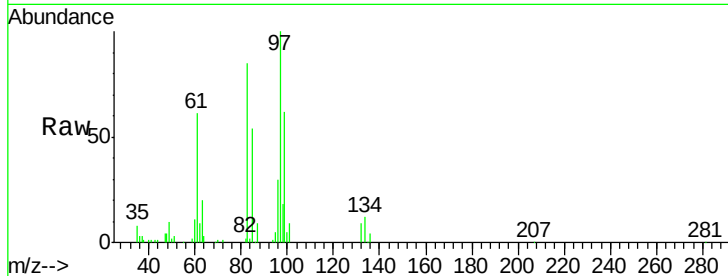
#55  
 1,1,2-Trichloroethane  
 Concen: 19.607 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0918SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 84.9  | 69.4  | 104.0 |
| 85      | 53.9  | 43.3  | 64.9  |
| 99      | 62.6  | 50.9  | 76.3  |

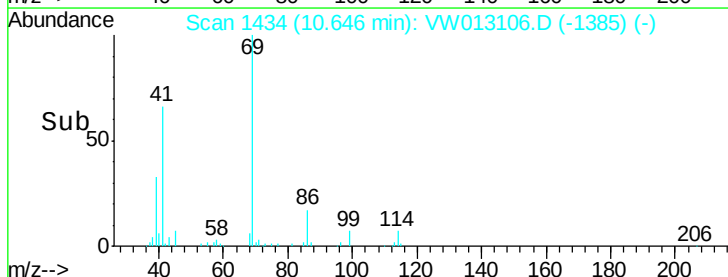
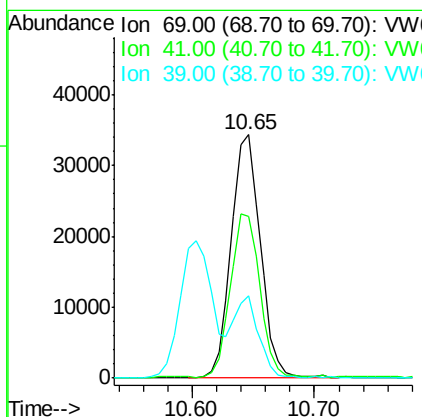
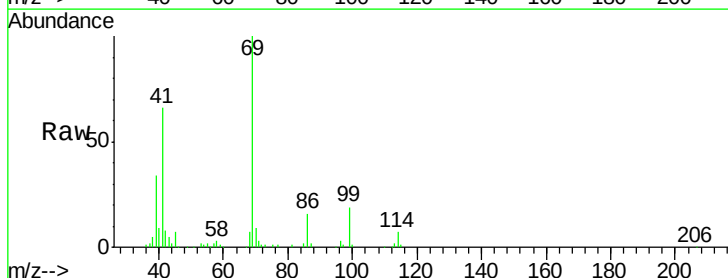
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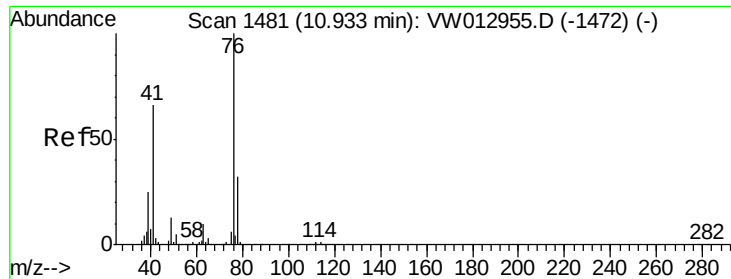
MMDadoda  
 9/19/2019 11:22:10 AM



#56  
 Ethyl methacrylate  
 Concen: 19.048 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 66.8  | 60.8  | 91.2  |
| 39      | 27.8  | 29.4  | 44.0# |





#57

1,3-Dichloropropane

Concen: 19.442 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

ClientSampleId :

VW0918SBS01

Tot Ion: 76 Resp: 76429

Ion Ratio Lower Upper

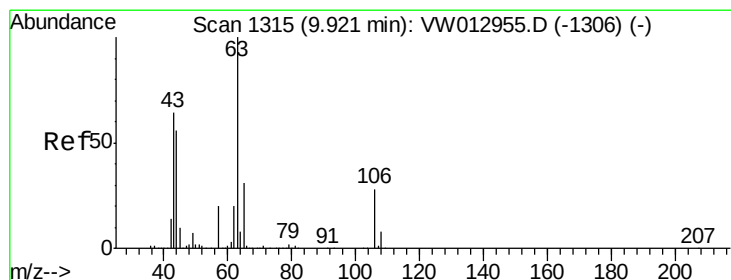
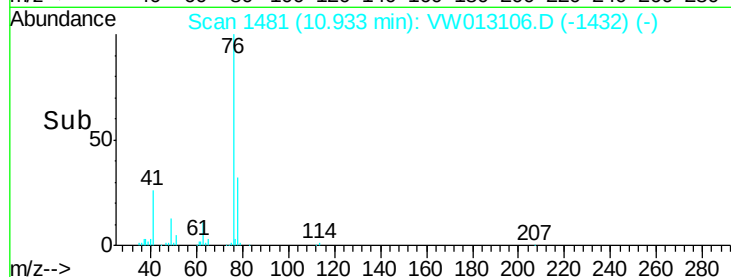
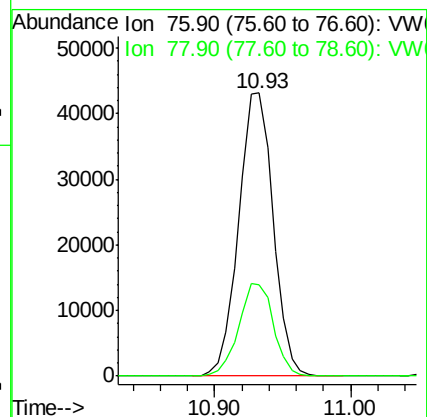
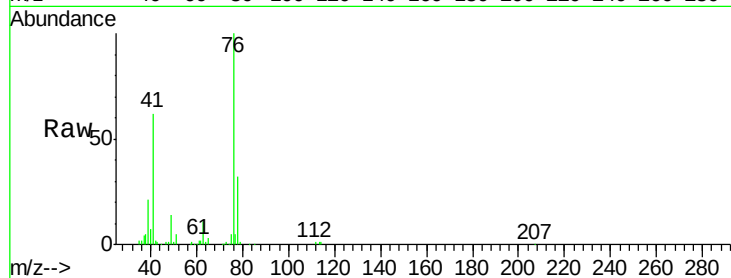
76 100

78 33.0 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 96.670 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW013106.D

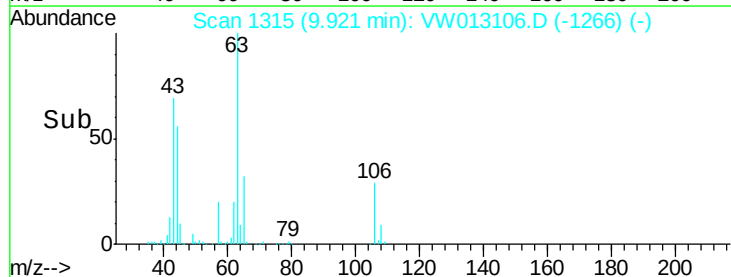
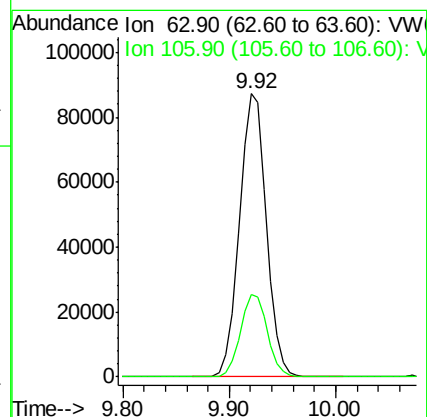
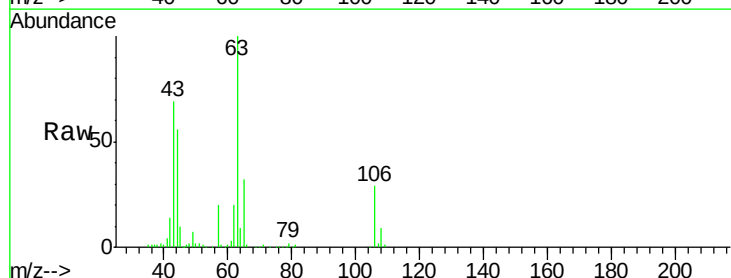
Acq: 18 Sep 2019 12:09

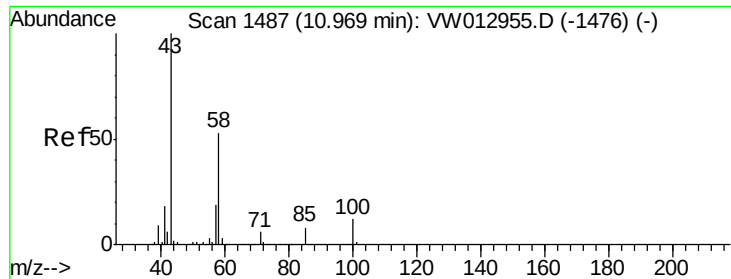
Tgt Ion: 63 Resp: 154685

Ion Ratio Lower Upper

63 100

106 29.0 22.2 33.2





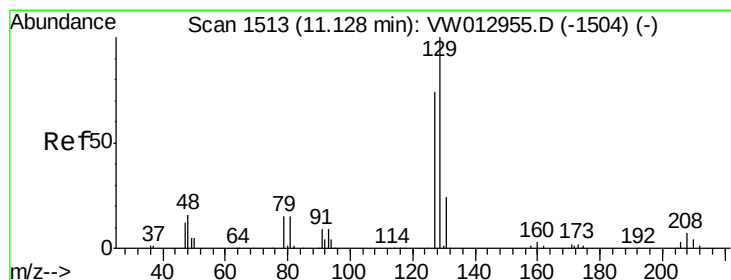
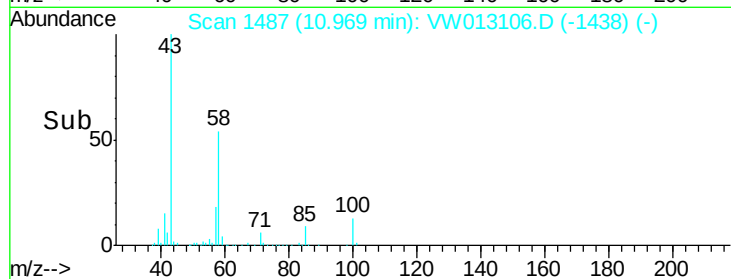
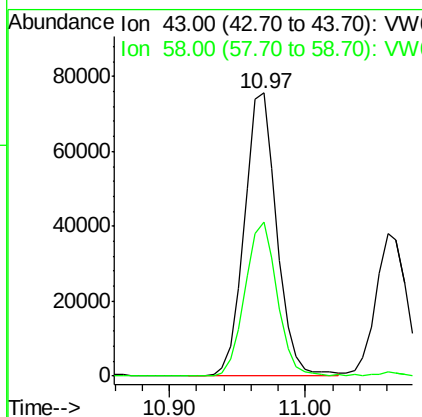
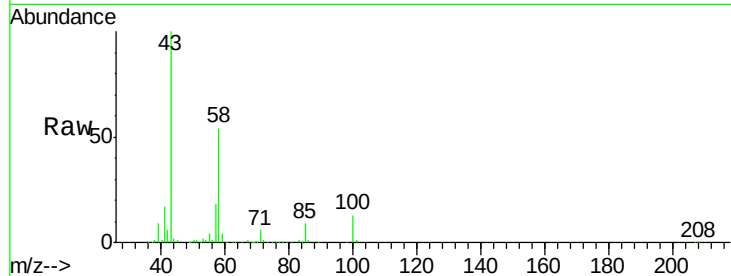
#59  
2-Hexanone  
Concen: 84.059 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

Tot Ion: 43 Resp: 126073  
Ion Ratio Lower Upper  
43 100  
58 54.0 25.8 77.3

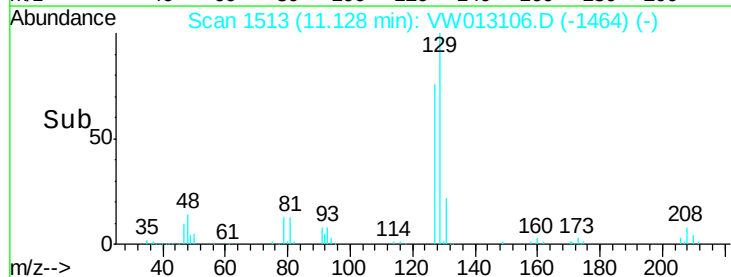
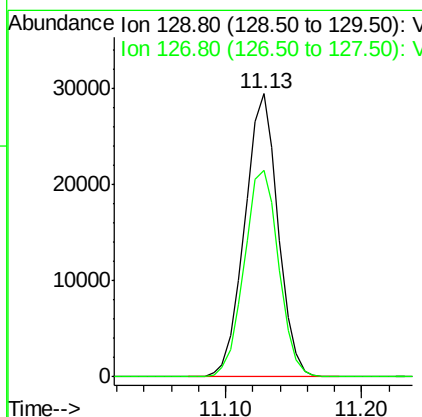
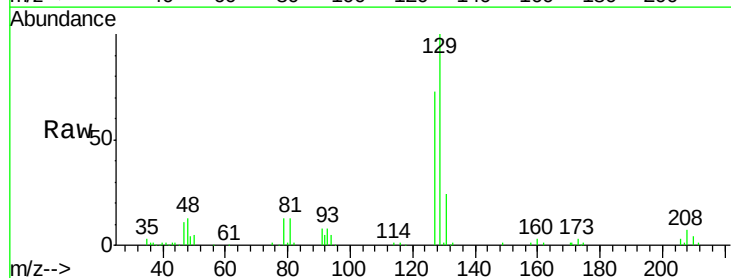
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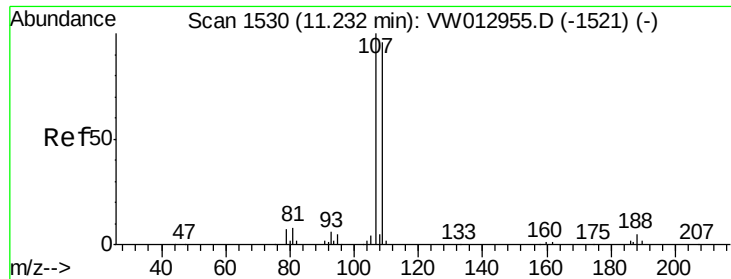
MMDadoda  
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#60  
Dibromochloromethane  
Concen: 18.834 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Tgt Ion: 129 Resp: 50460  
Ion Ratio Lower Upper  
129 100  
127 75.8 37.4 112.2





#61

1,2-Dibromoethane

Concen: 19.754 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

ClientSampleId :

VW0918SBS01

Tot Ion: 107 Resp: 39935

Ion Ratio Lower Upper

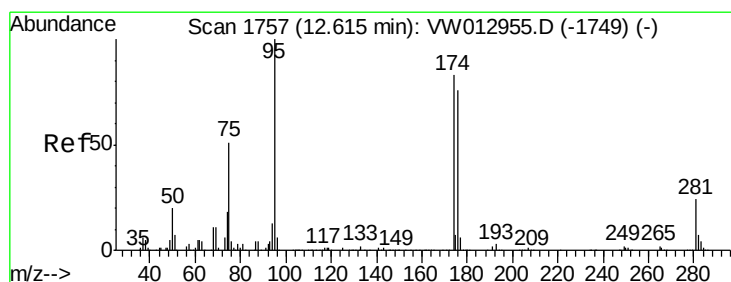
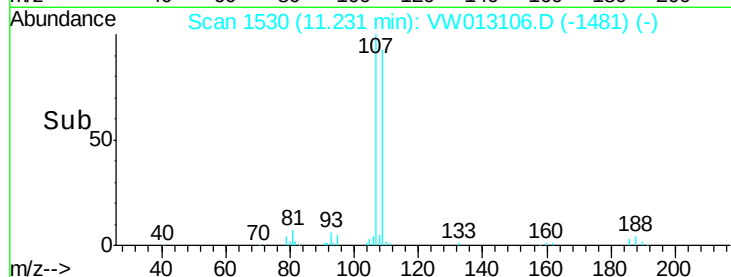
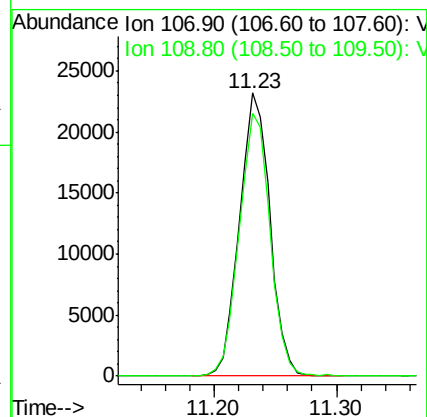
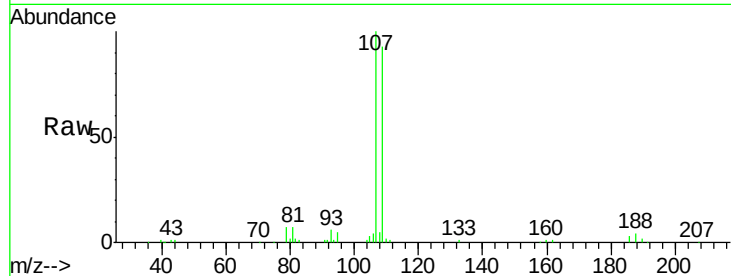
107 100

109 94.1 75.0 112.6

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#62

4-Bromofluorobenzene

Concen: 48.624 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

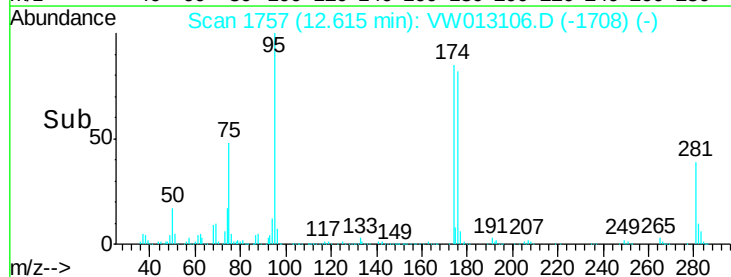
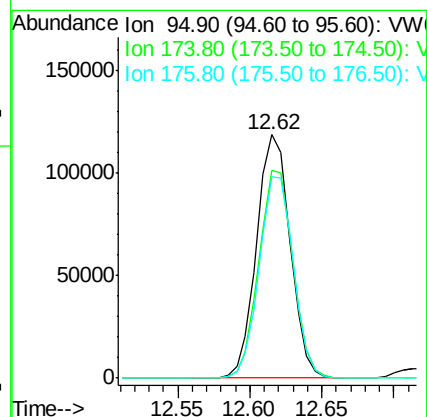
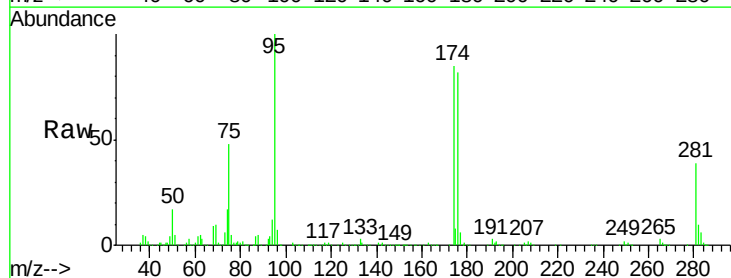
Tgt Ion: 95 Resp: 190190

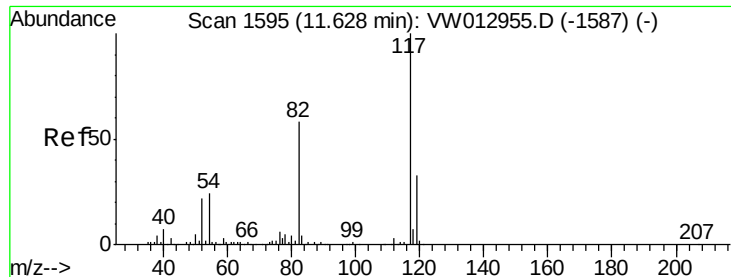
Ion Ratio Lower Upper

95 100

174 87.0 0.0 170.4

176 84.3 0.0 164.6





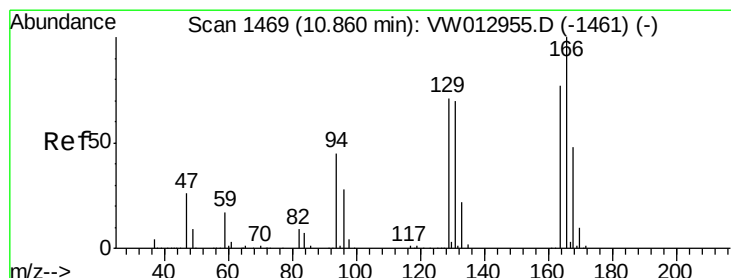
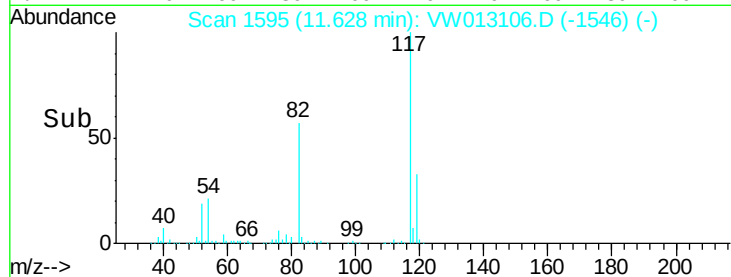
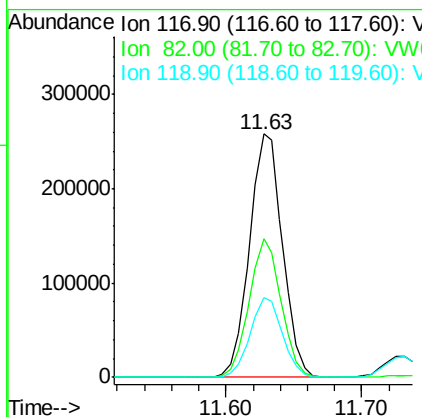
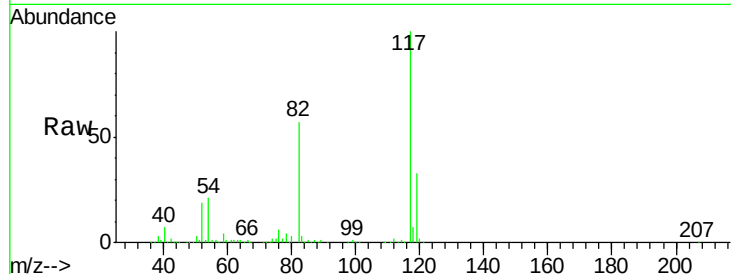
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1595  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 439348 |       |       |
| 82      | 56.7  | 46.3   | 69.5  |       |
| 119     | 32.8  | 26.2   | 39.4  |       |

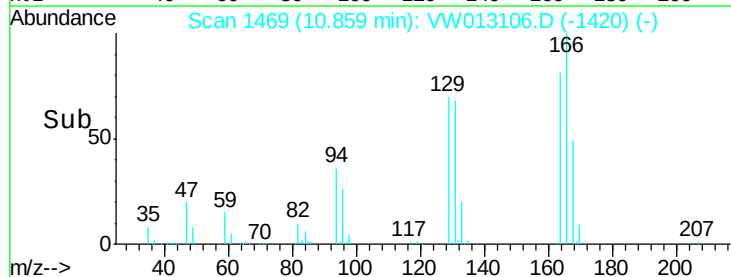
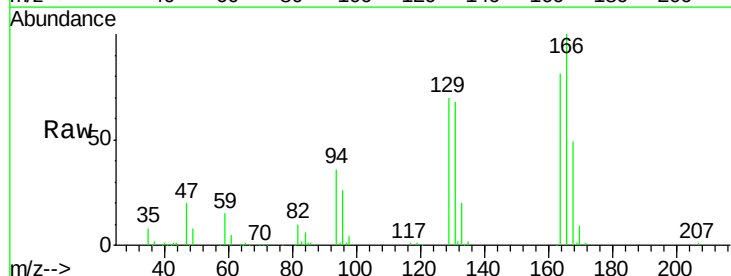
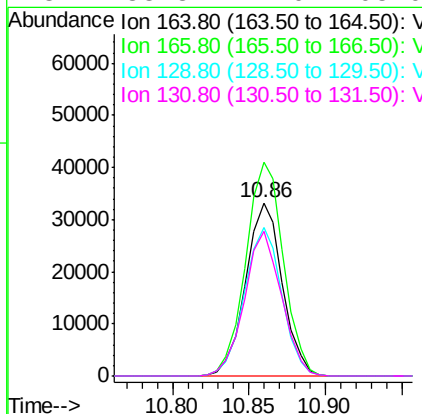
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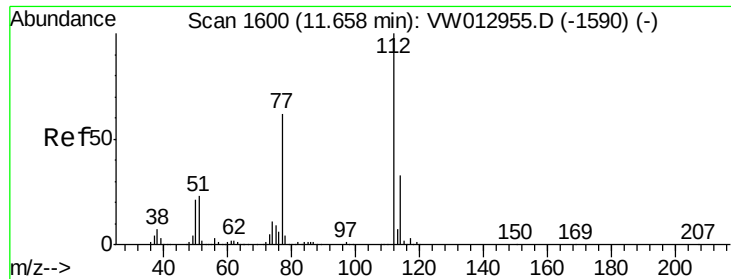
MMDadoda  
9/19/2019 11:22:10 AM



#64  
Tetrachloroethene  
Concen: 21.172 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 55336 |       |       |
| 166     | 123.3 | 103.3 | 154.9 |       |
| 129     | 86.1  | 73.8  | 110.8 |       |
| 131     | 83.3  | 72.0  | 108.0 |       |





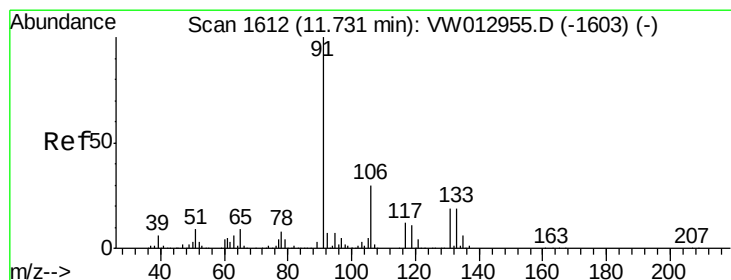
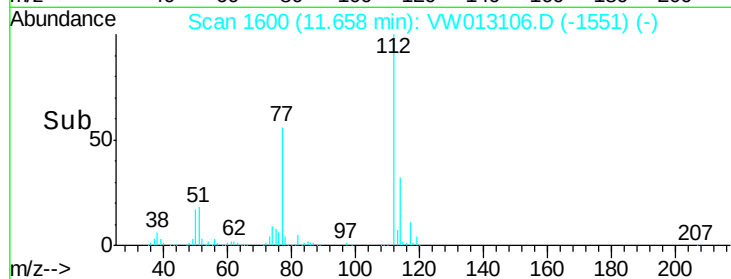
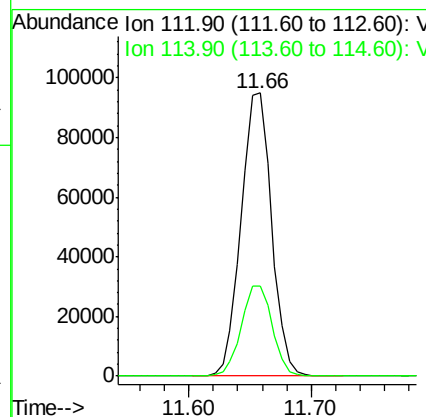
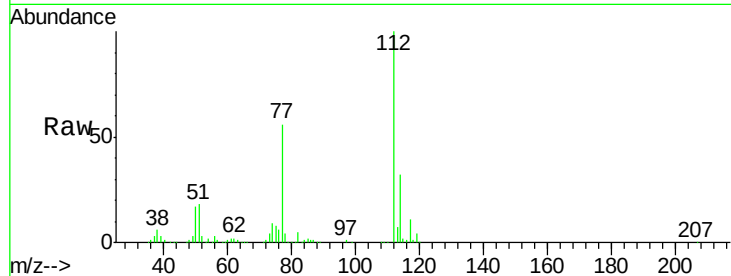
#65  
Chlorobenzene  
Concen: 20.921 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

Tot Ion:112 Resp: 163724  
Ion Ratio Lower Upper  
112 100  
114 32.0 26.4 39.6

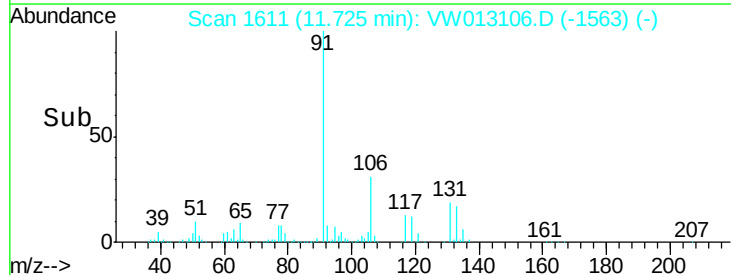
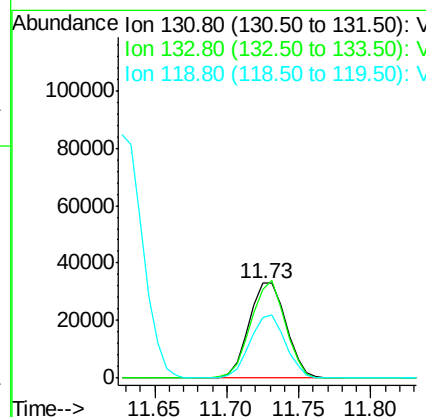
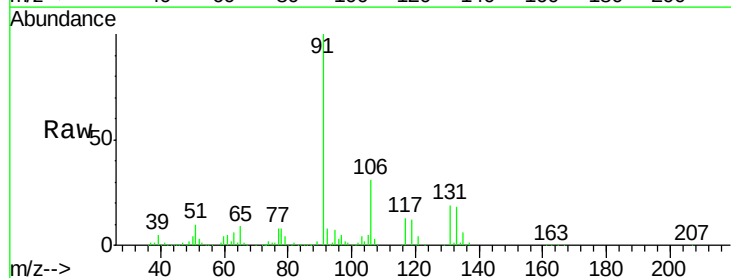
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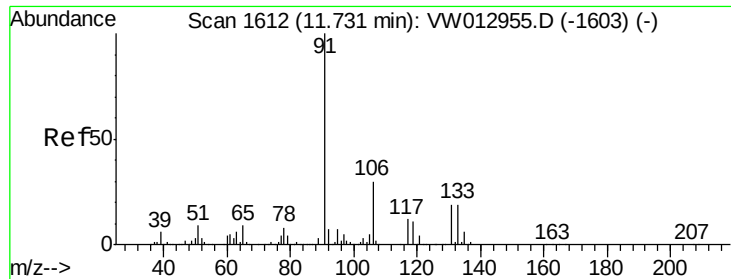
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.723 ug/l  
RT: 11.73 min Scan# 1611  
Delta R.T. -0.01 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Tgt Ion:131 Resp: 59149  
Ion Ratio Lower Upper  
131 100  
133 94.9 47.9 143.8  
119 63.5 30.9 92.7





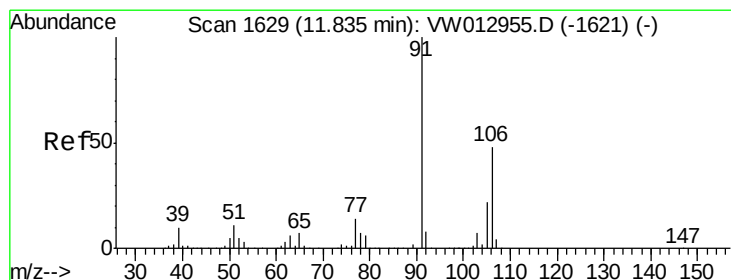
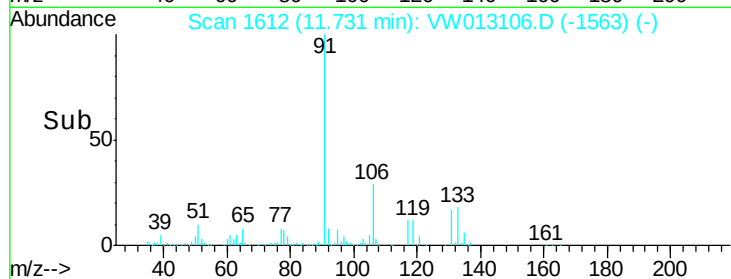
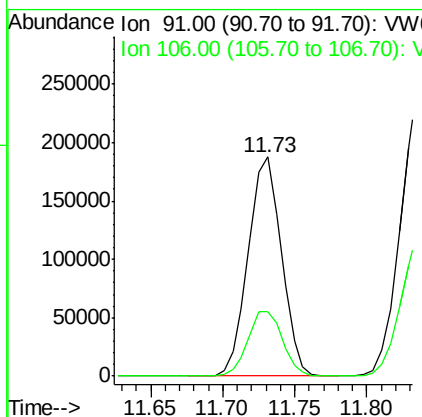
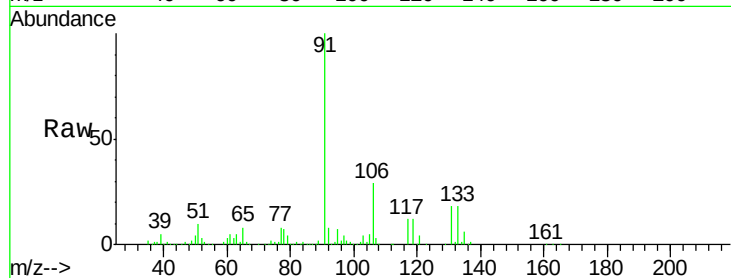
#67  
Ethyl Benzene  
Concen: 20.758 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

Tot Ion: 91 Resp: 300024  
Ion Ratio Lower Upper  
91 100  
106 29.4 24.3 36.5

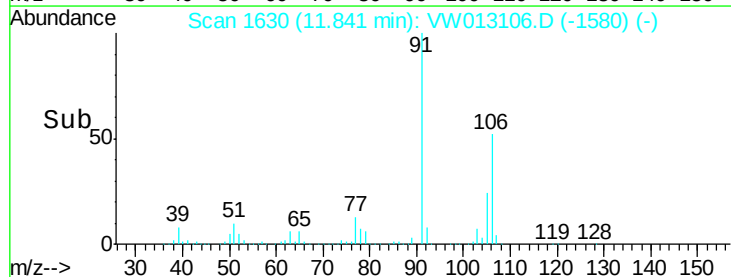
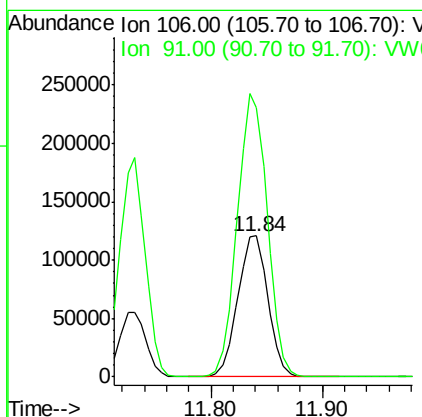
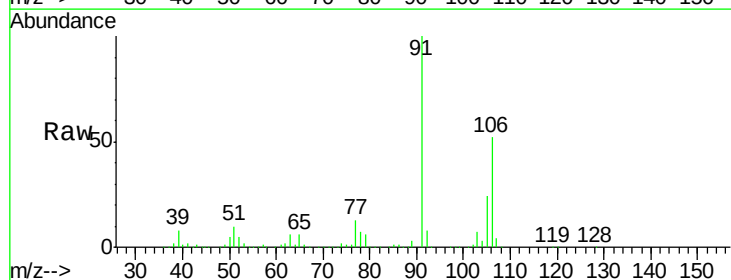
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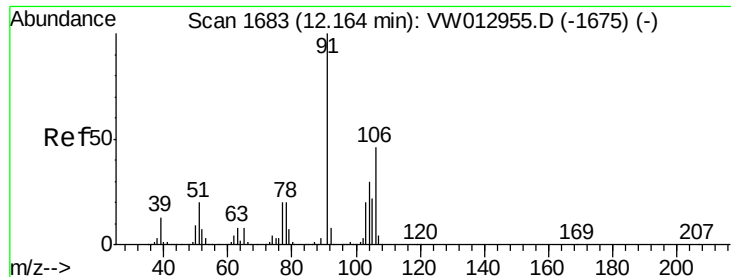
MMDadoda  
9/19/2019 11:22:10 AM



#68  
m/p-Xylenes  
Concen: 42.830 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. 0.01 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Tgt Ion: 106 Resp: 226140  
Ion Ratio Lower Upper  
106 100  
91 199.9 165.8 248.8





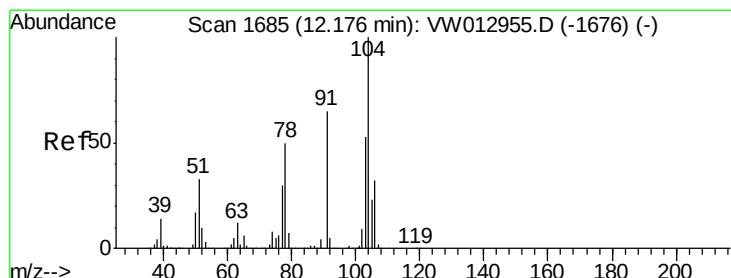
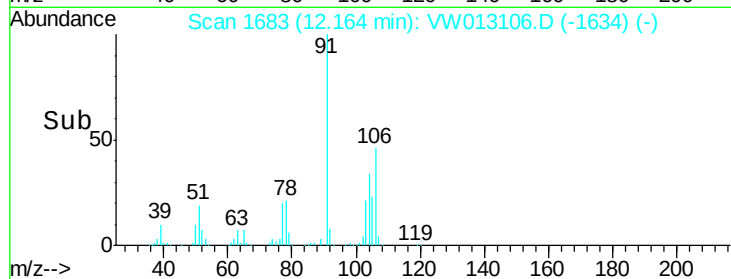
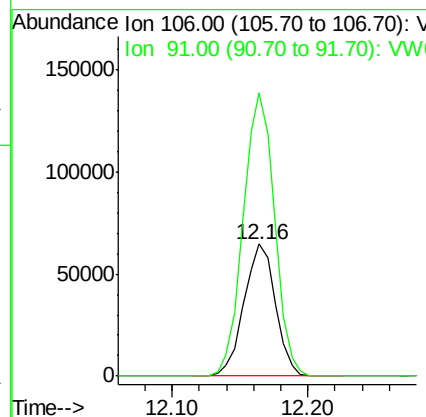
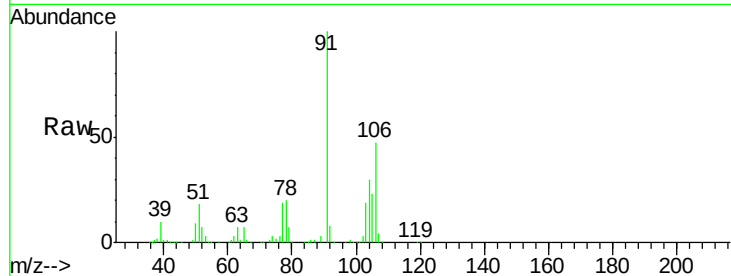
#69  
o-Xylene  
Concen: 21.161 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 106     | 100   |       |       |       |       |
| 91      | 212.6 | 109.7 | 329.0 |       |       |

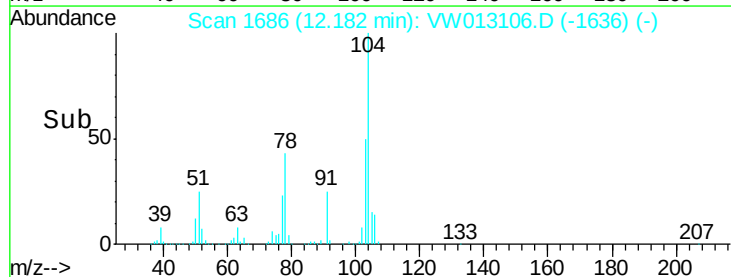
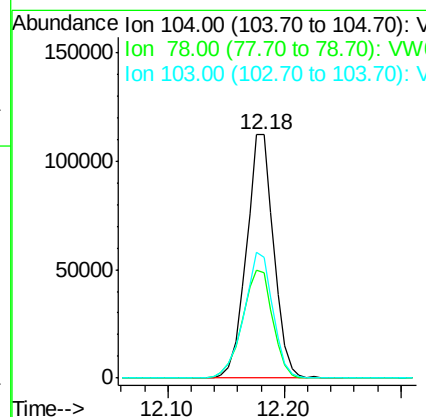
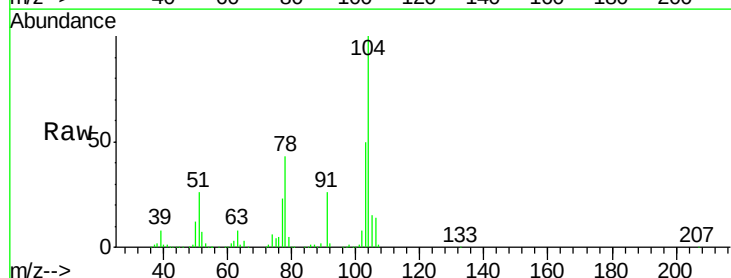
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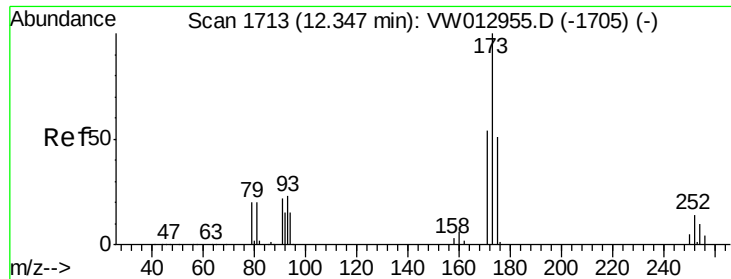


#70  
Styrene  
Concen: 20.881 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.01 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 104     | 100  |       |      |       |       |
| 78      | 49.1 | 42.1  | 63.1 |       |       |
| 103     | 54.5 | 44.2  | 66.4 |       |       |







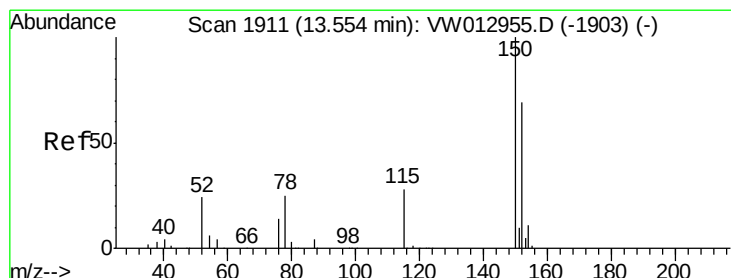
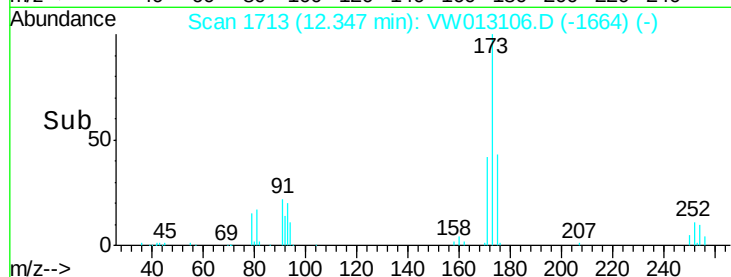
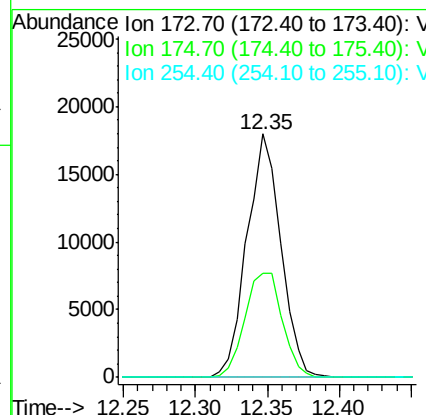
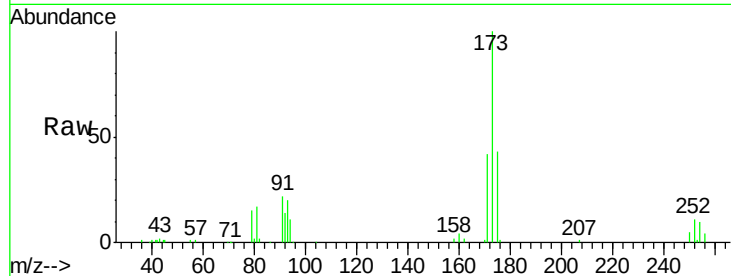
#71  
Bromoform  
Concen: 18.606 ug/l  
RT: 12.35 min Scan# 1713  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.5  | 24.2  | 72.6  |
| 254     | 0.1   | 0.1   | 0.1   |

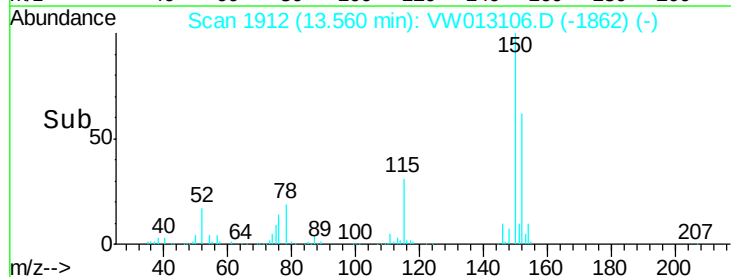
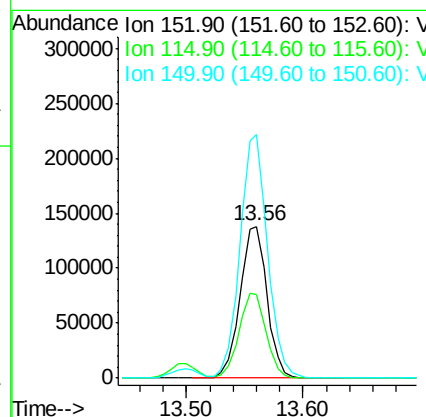
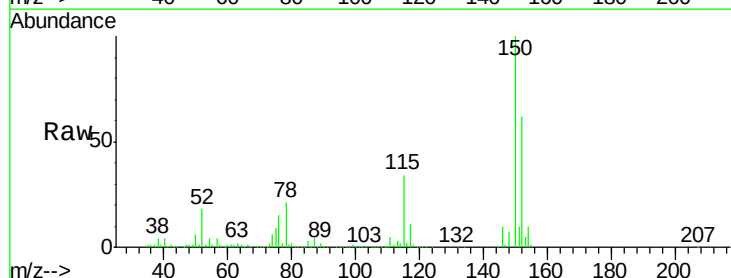
Manual Integrations  
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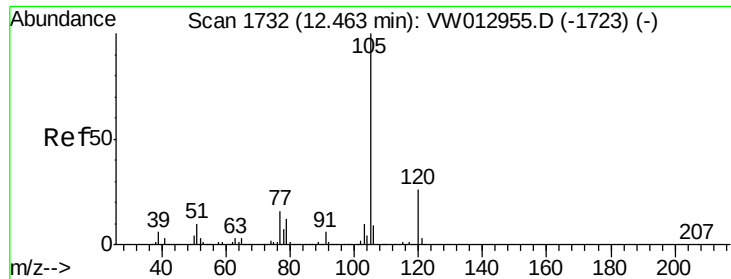
MMDadoda  
9/19/2019 11:22:10 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.56 min Scan# 1912  
Delta R.T. 0.01 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 56.1  | 28.8  | 86.4  |
| 150     | 164.2 | 0.0   | 340.2 |





#73

Isopropylbenzene

Concen: 20.318 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

ClientSampleId :

VW0918SBS01

Tot Ion:105 Resp: 298468

Ion Ratio Lower Upper

105 100

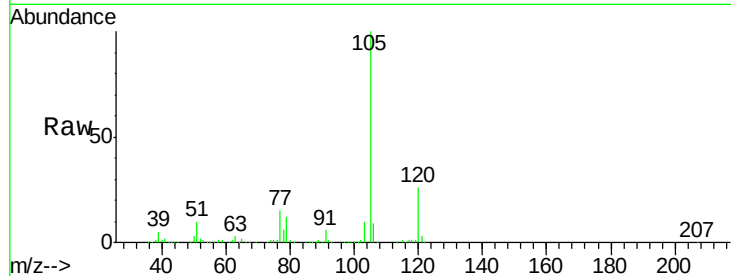
120 26.2 13.0 39.0

Manual Integrations

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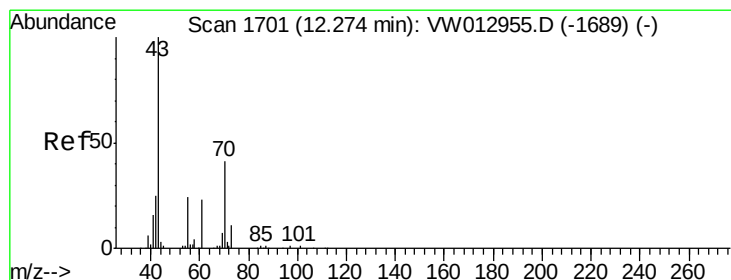
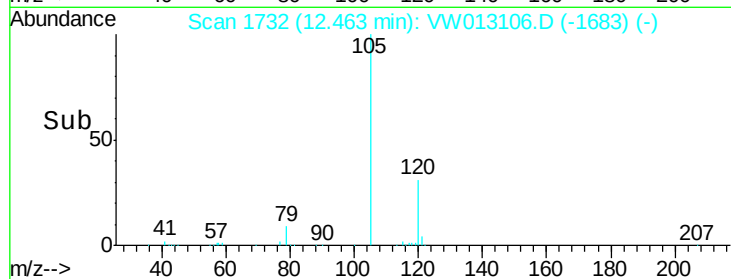
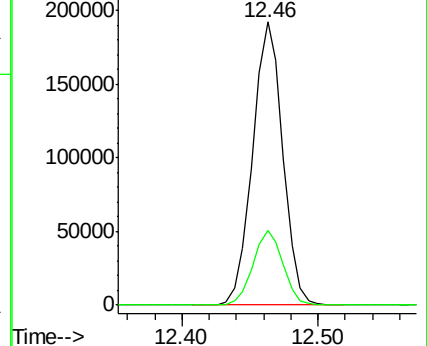
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.116 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Tgt Ion: 43 Resp: 64677

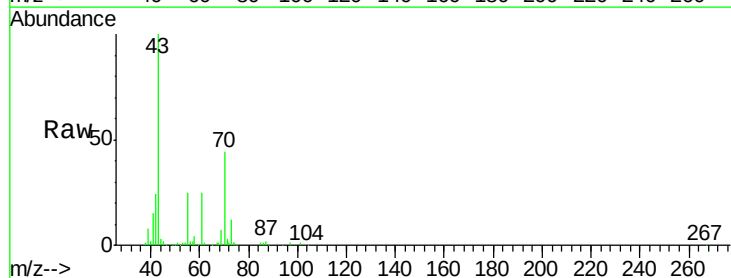
Ion Ratio Lower Upper

43 100

70 43.4 31.7 47.5

55 25.7 19.4 29.2

61 23.8 18.7 28.1

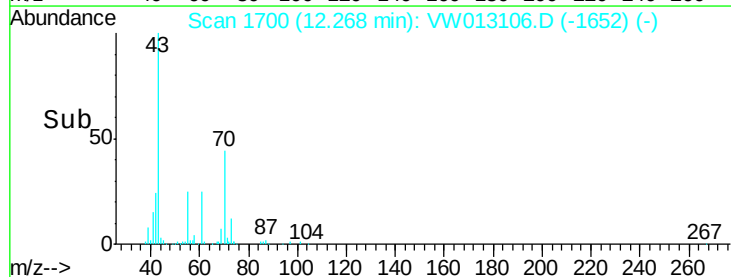
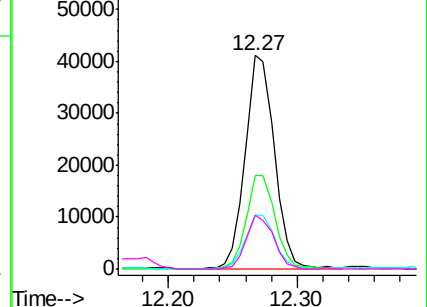


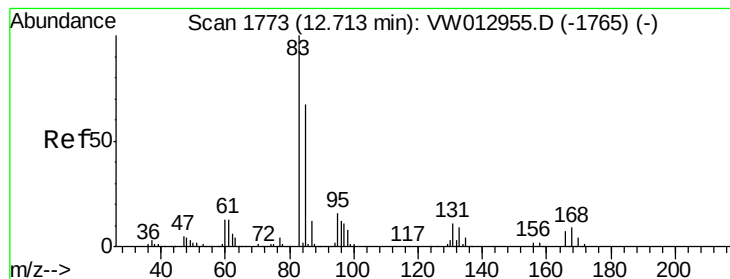
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 19.879 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

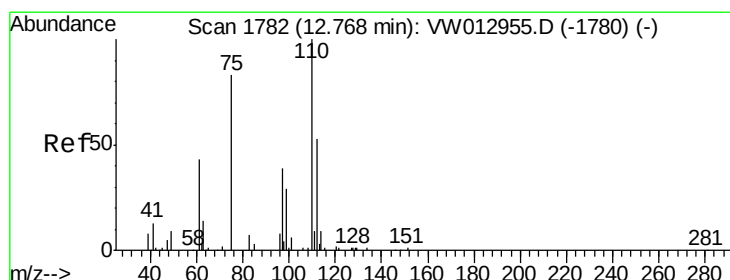
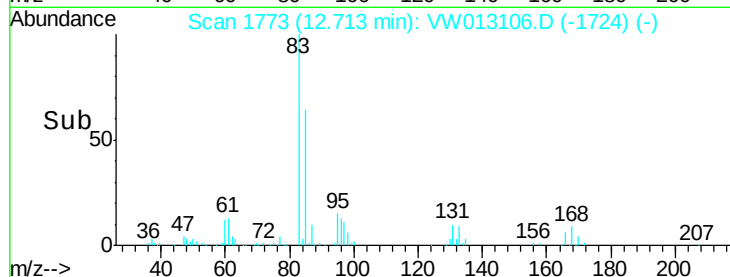
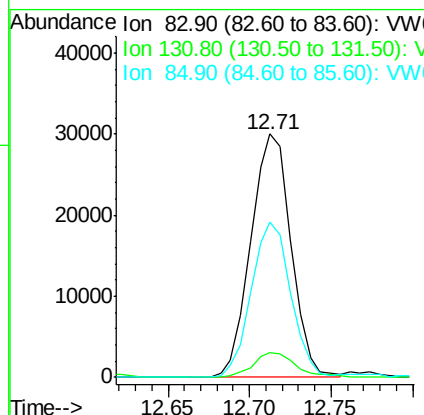
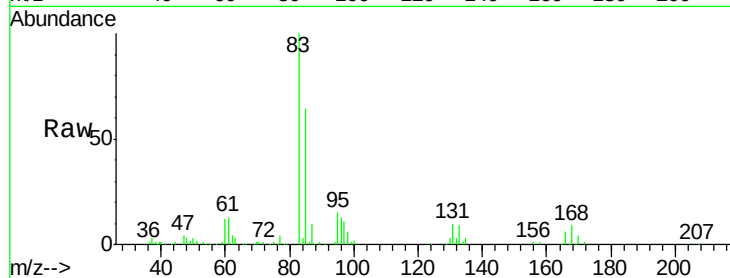
ClientSampled :

VW0918SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 51288 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 10.8  | 5.7   | 17.1  |
| 85       | 62.5  | 31.4  | 94.3  |

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#76

1,2,3-Trichloropropane

Concen: 19.728 ug/l m

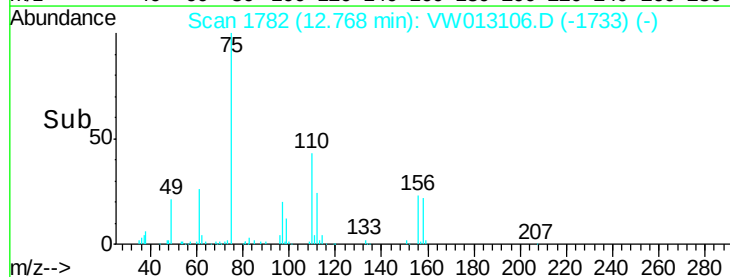
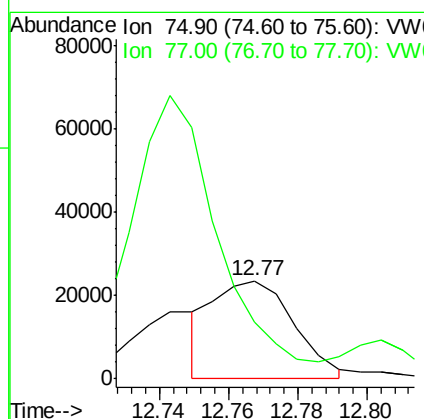
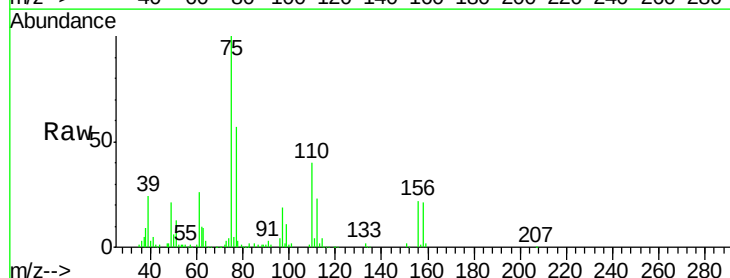
RT: 12.77 min Scan# 1782

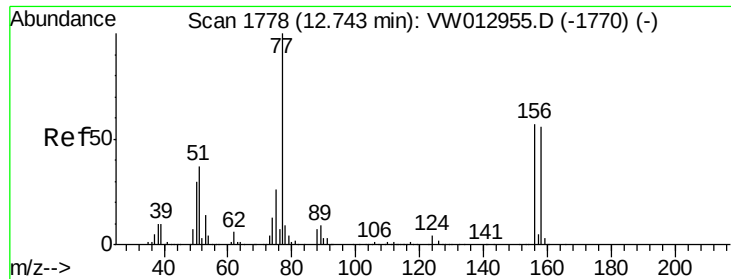
Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 38297 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 20.423 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

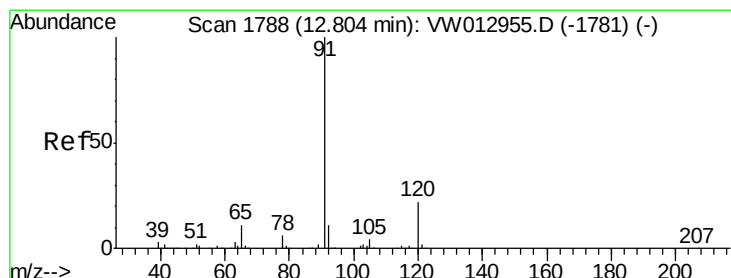
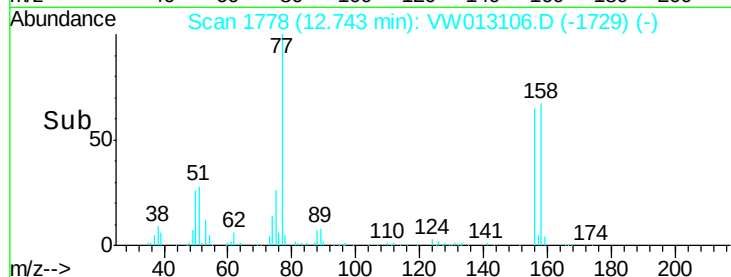
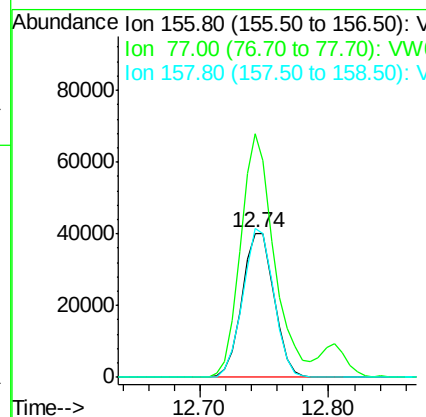
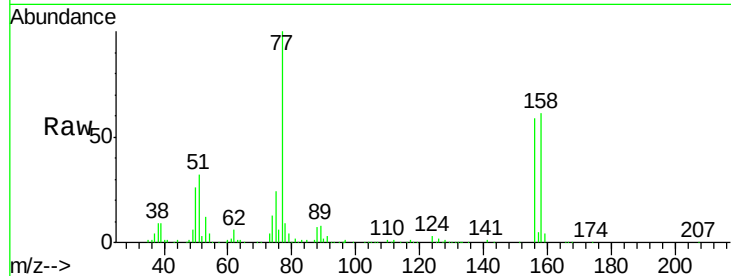
ClientSampleId :

VW0918SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 156   | Resp: | 69115 |
| Ion      | Ratio | Lower | Upper |
| 156      | 100   |       |       |
| 77       | 176.4 | 95.2  | 285.6 |
| 158      | 98.7  | 49.0  | 147.2 |

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#78

n-propylbenzene

Concen: 20.486 ug/l

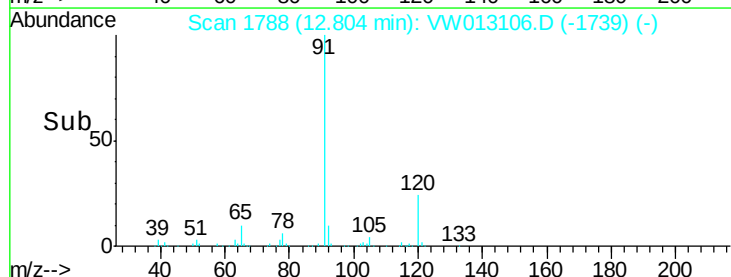
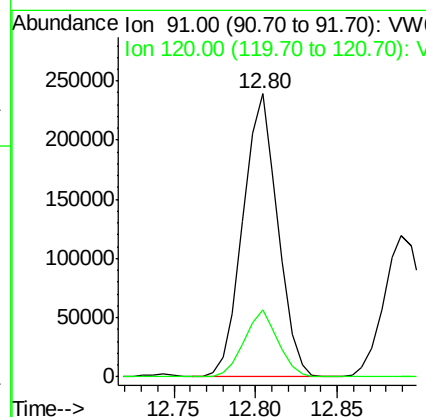
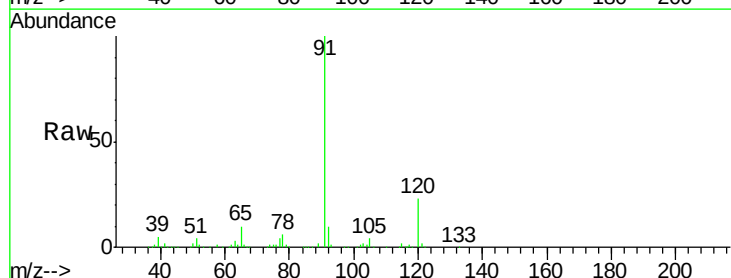
RT: 12.80 min Scan# 1788

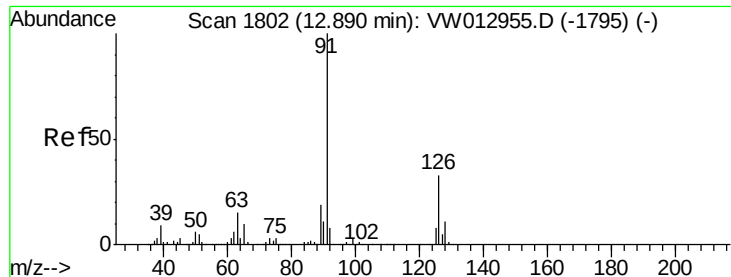
Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 353993 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 120      | 23.0  | 11.2  | 33.5   |





#79

2-Chlorotoluene

Concen: 19.774 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013106.D

Acq: 18 Sep 2019 12:09

Instrument :

MSVOA\_W

ClientSampleId :

VW0918SBS01

Tot Ion: 91 Resp: 196421

Ion Ratio Lower Upper

91 100

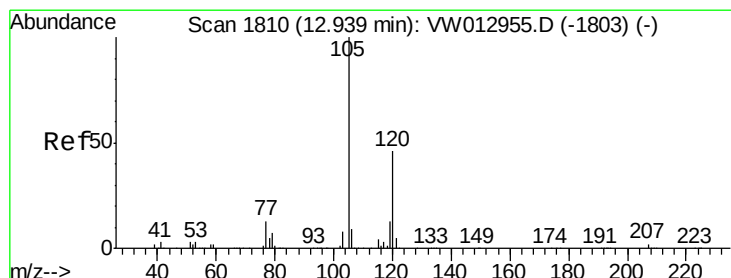
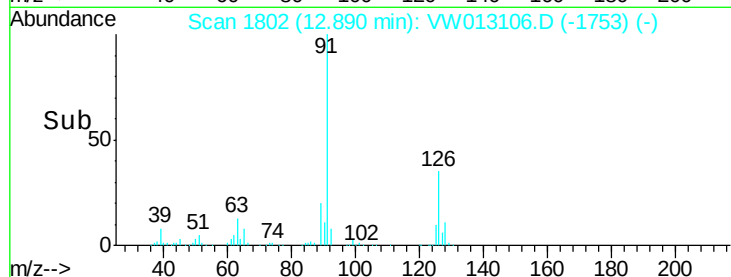
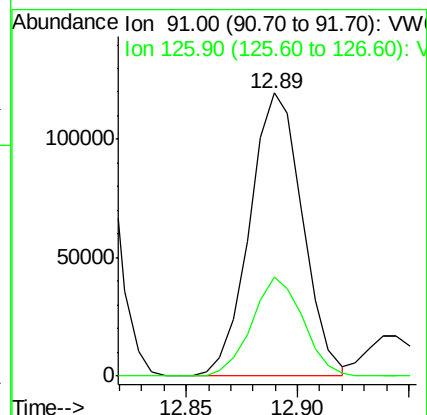
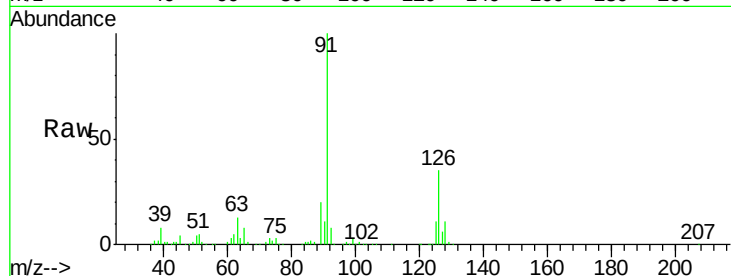
126 34.1 16.5 49.5

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#80

1,3,5-Trimethylbenzene

Concen: 20.311 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW013106.D

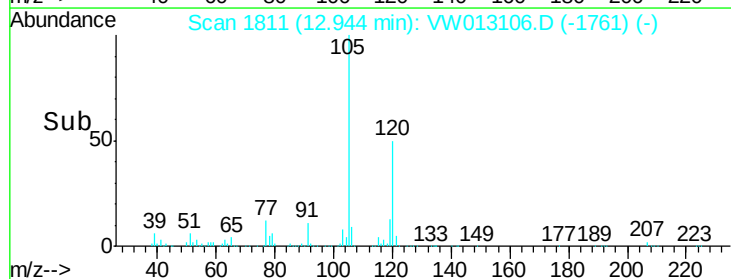
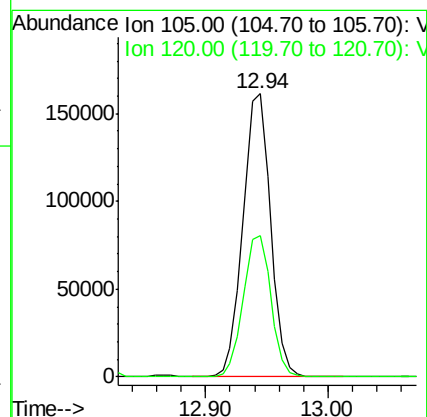
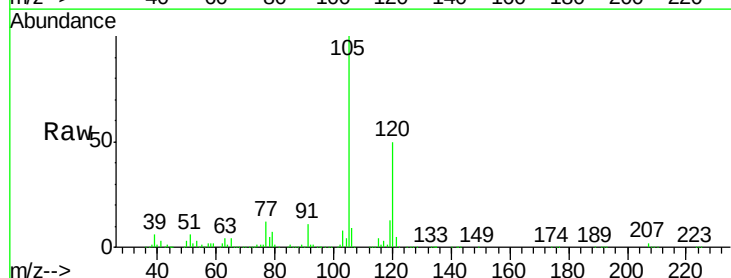
Acq: 18 Sep 2019 12:09

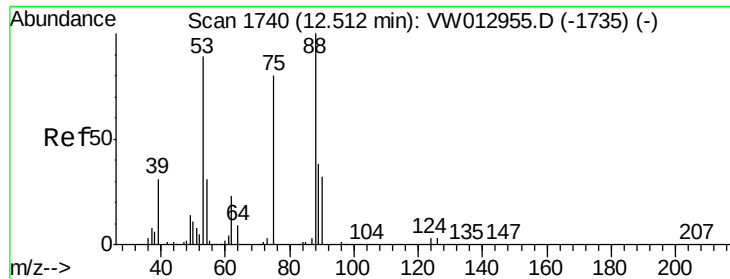
Tgt Ion:105 Resp: 252410

Ion Ratio Lower Upper

105 100

120 50.2 24.2 72.6





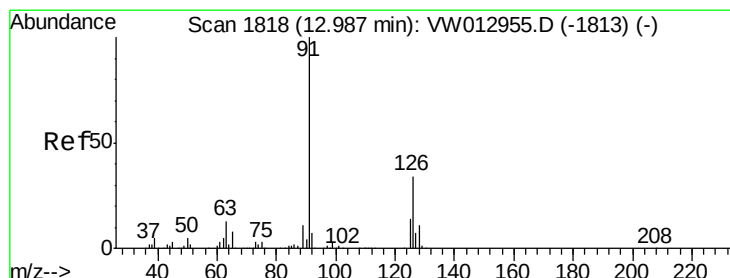
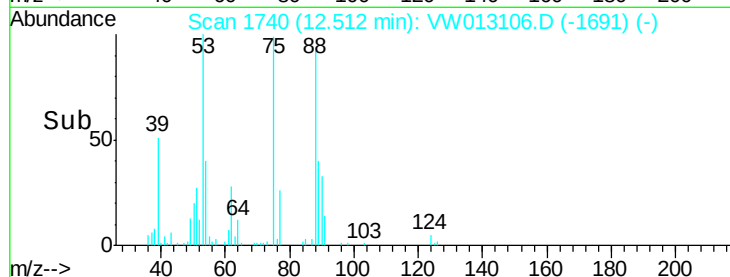
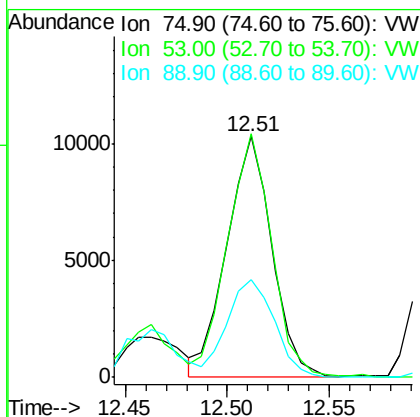
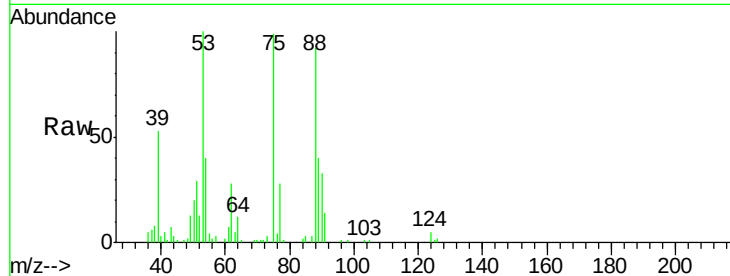
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.494 ug/l  
RT: 12.51 min Scan# 1740  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 100.0 | 85.6  | 128.4 |
| 89      | 42.2  | 37.2  | 55.8  |

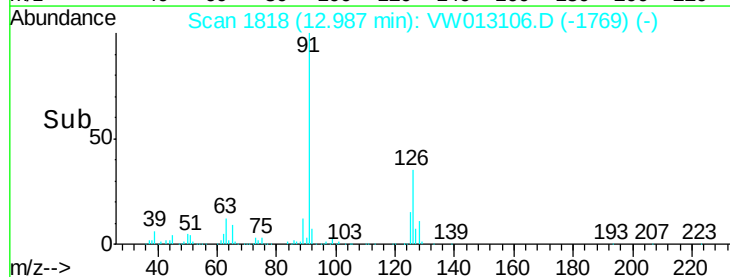
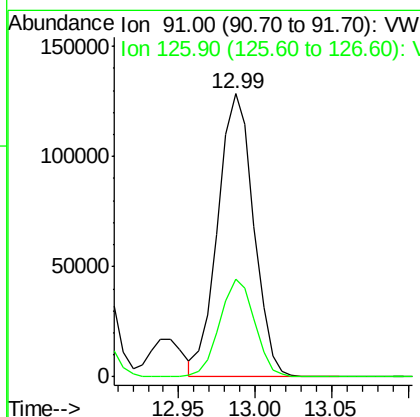
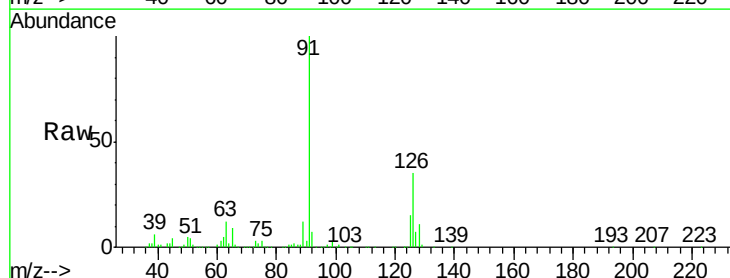
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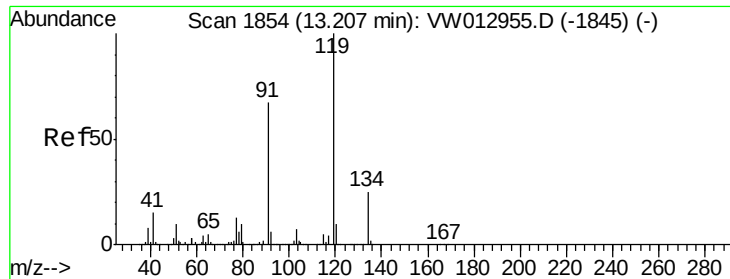
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 19.887 ug/l  
RT: 12.99 min Scan# 1818  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.8  | 16.1  | 48.3  |





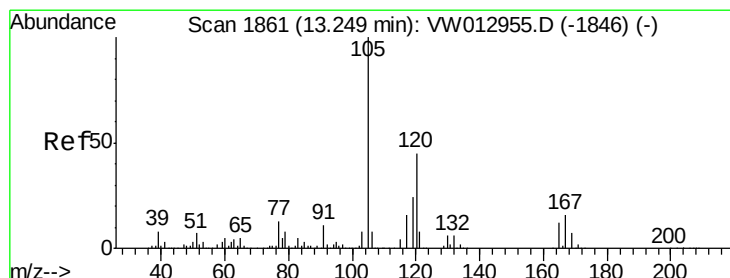
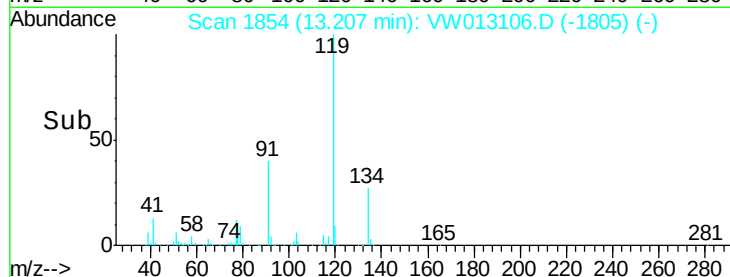
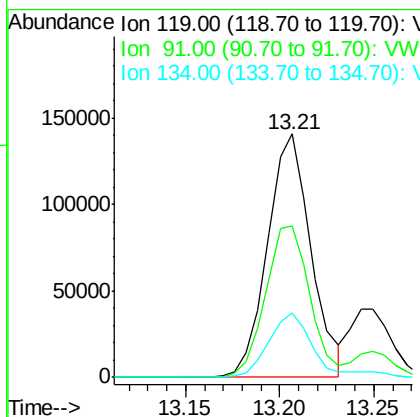
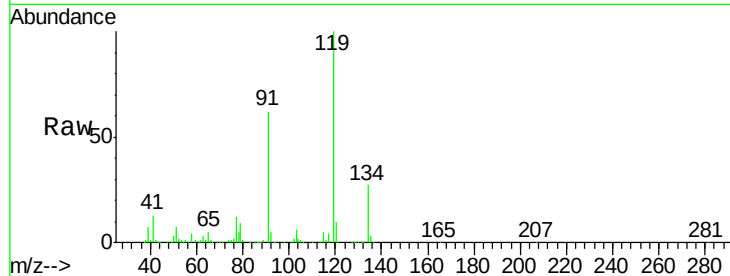
#83  
 tert-Butylbenzene  
 Concen: 20.249 ug/l  
 RT: 13.21 min Scan# 1854  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0918SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 63.1  | 32.6  | 98.0  |
| 134     | 25.7  | 12.4  | 37.4  |

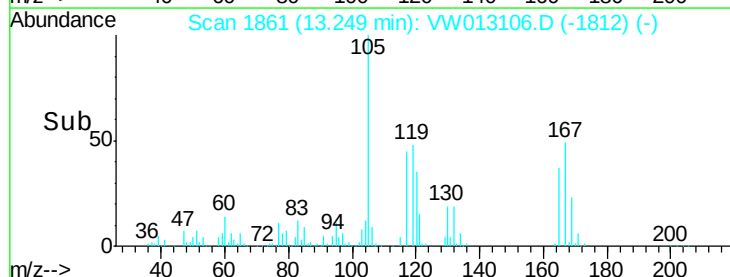
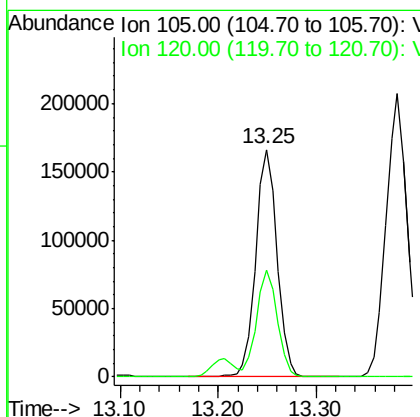
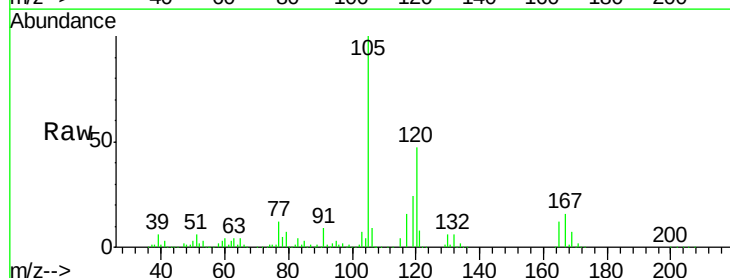
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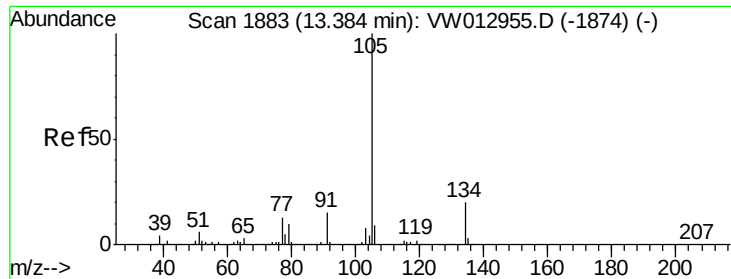
MMDadoda  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.499 ug/l  
 RT: 13.25 min Scan# 1861  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.7  | 21.9  | 65.7  |





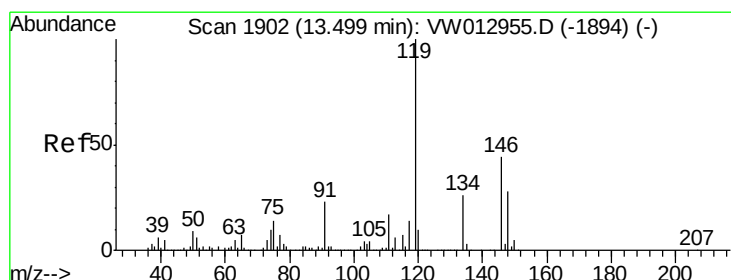
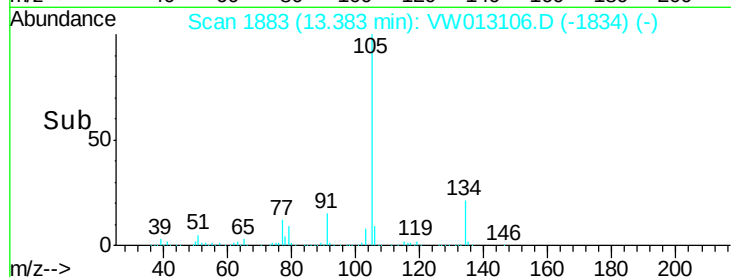
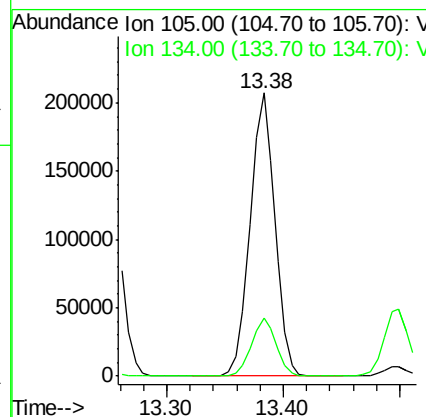
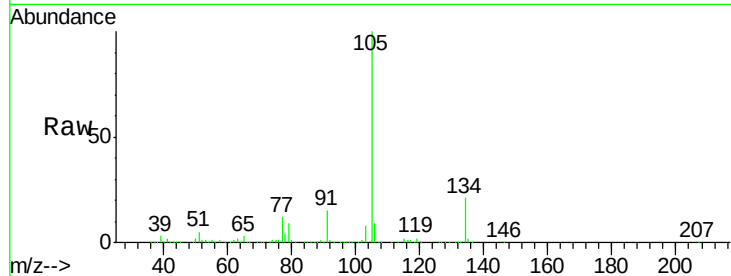
#85  
 sec-Butylbenzene  
 Concen: 20.396 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0918SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 308895 |       |       |
| 134     | 20.3  | 10.2   | 30.4  |       |

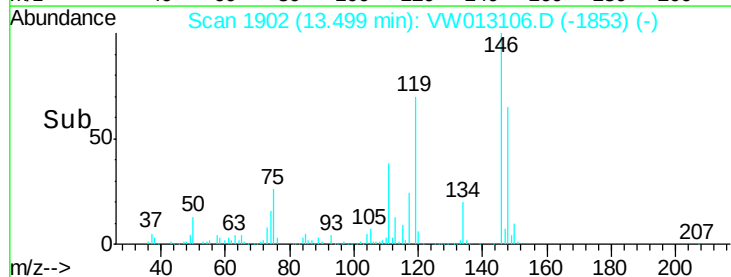
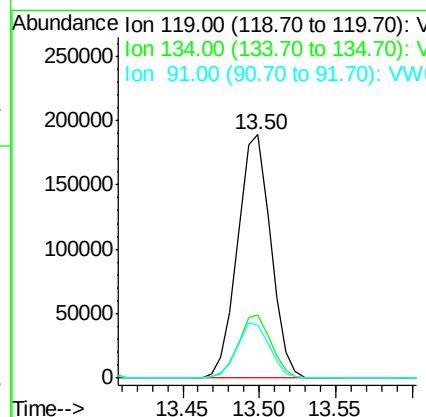
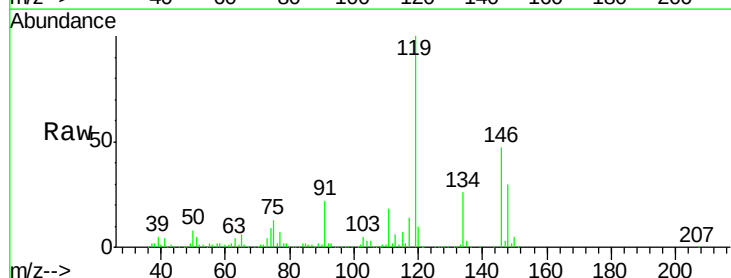
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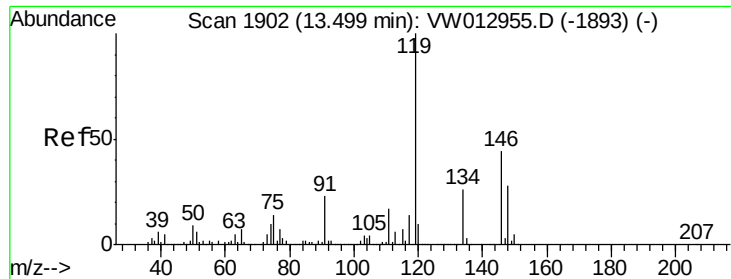


#86  
 p-Isopropyltoluene  
 Concen: 20.412 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 283824 |       |       |
| 134     | 25.9  | 12.8   | 38.3  |       |
| 91      | 22.3  | 11.8   | 35.4  |       |







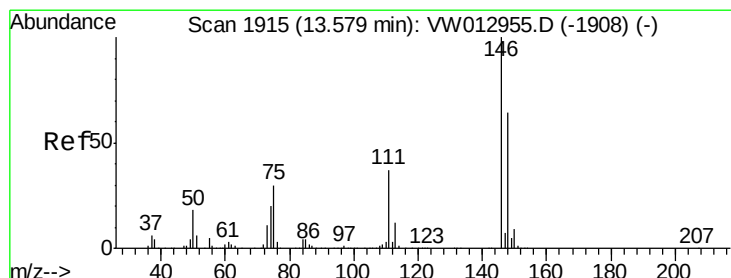
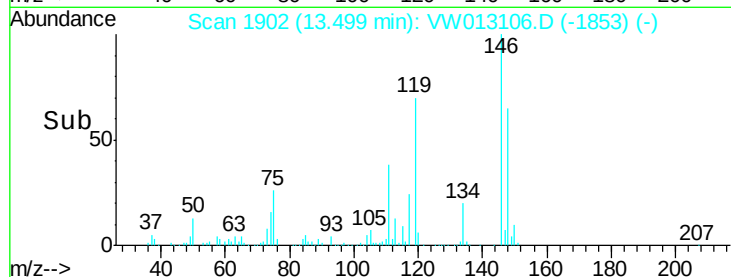
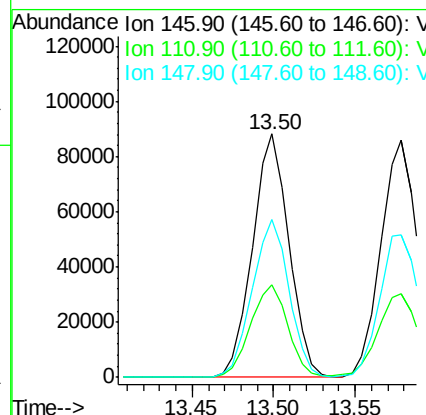
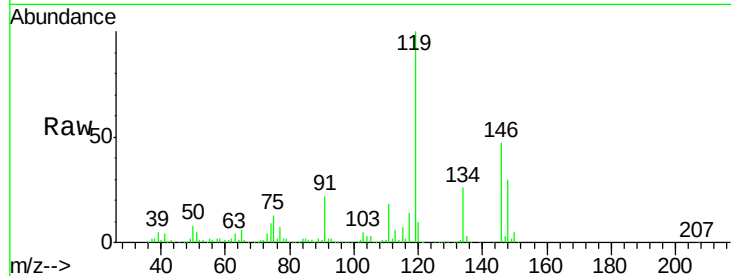
#87  
 1,3-Dichlorobenzene  
 Concen: 20.498 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0918SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 137319 |       |       |
| 111     | 38.8  | 19.8   | 59.4  |       |
| 148     | 65.7  | 31.9   | 95.7  |       |

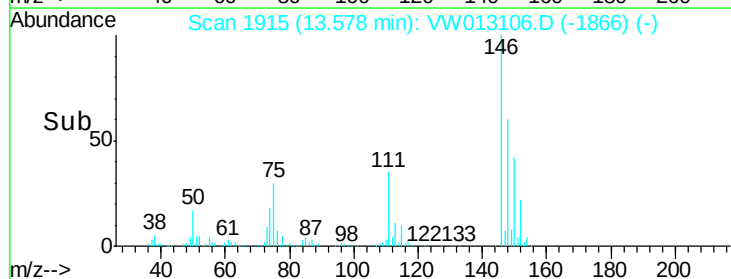
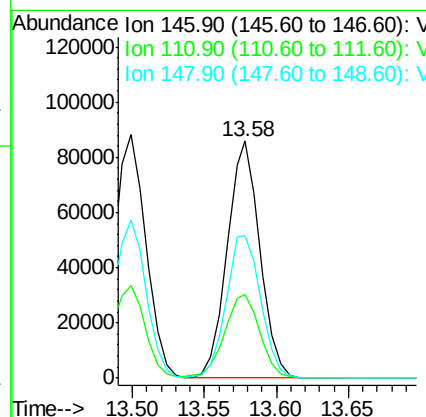
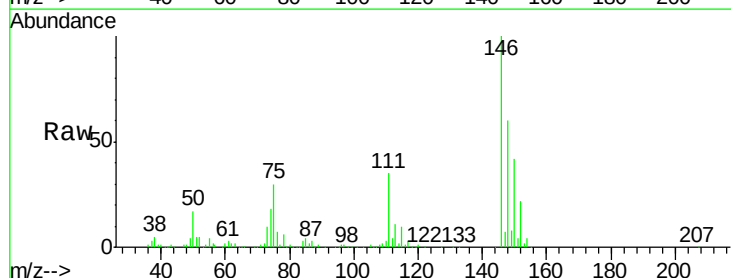
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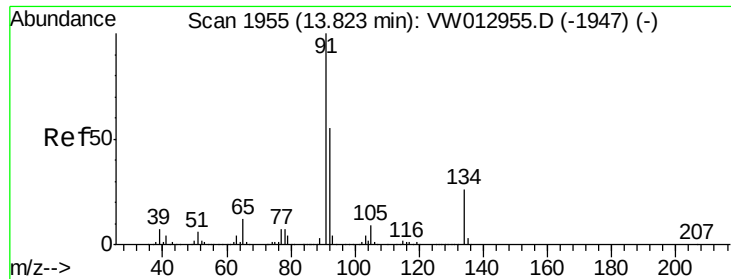
MMDadoda  
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#88  
 1,4-Dichlorobenzene  
 Concen: 20.655 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 135982 |       |       |
| 111     | 38.5  | 19.4   | 58.2  |       |
| 148     | 63.9  | 31.9   | 95.5  |       |





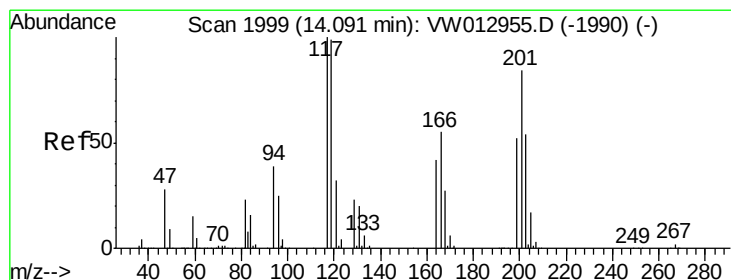
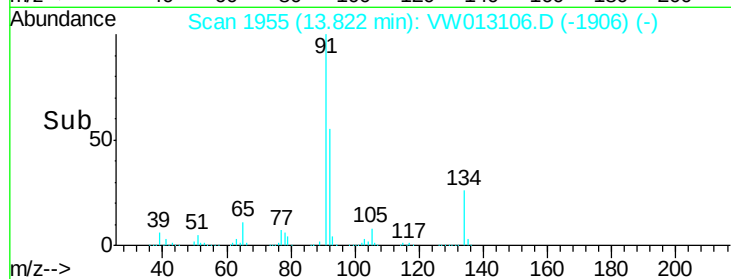
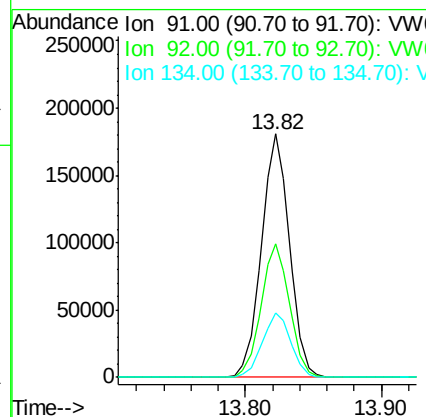
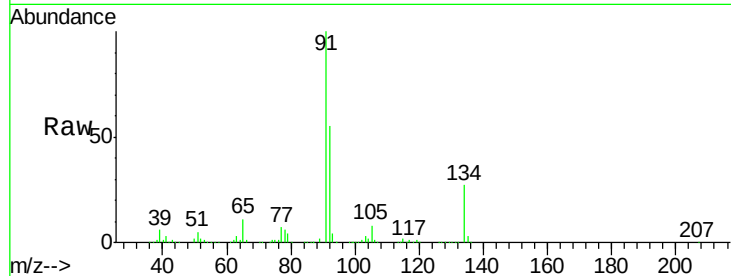
#89  
n-Butylbenzene  
Concen: 19.959 ug/l  
RT: 13.82 min Scan# 1955  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 261734 |       |       |
| 92      | 55.2  |        | 27.2  | 81.5  |
| 134     | 27.2  |        | 13.1  | 39.1  |

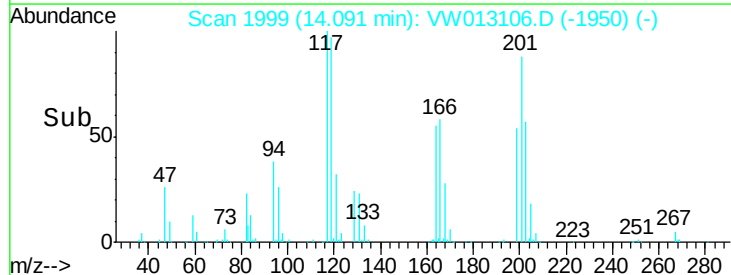
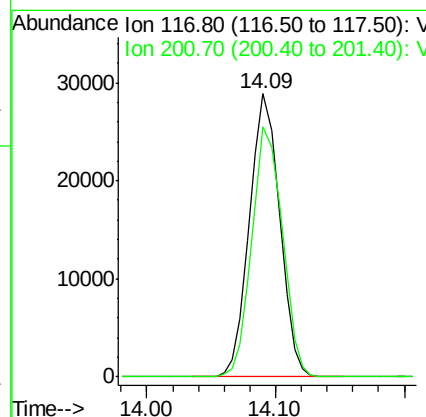
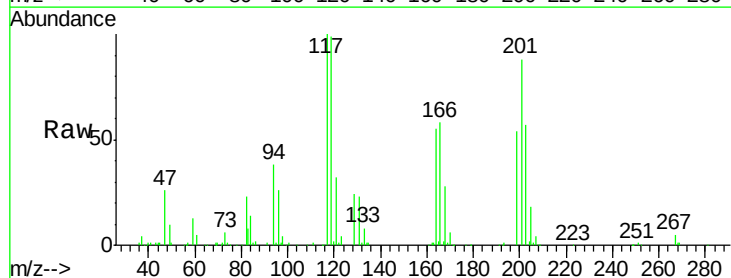
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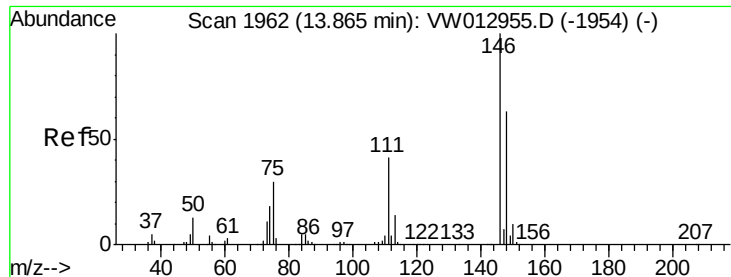
MMDadoda  
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#90  
Hexachloroethane  
Concen: 18.771 ug/l  
RT: 14.09 min Scan# 1999  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 46774 |       |       |
| 201     | 89.0  |       | 45.3  | 135.9 |





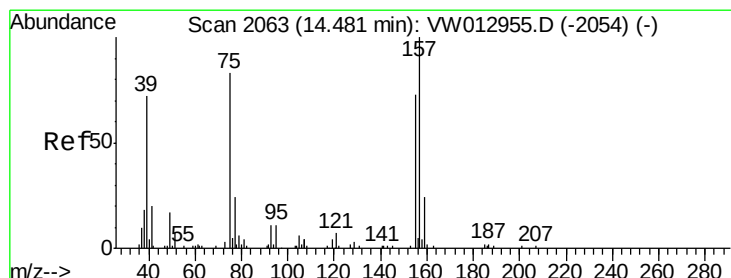
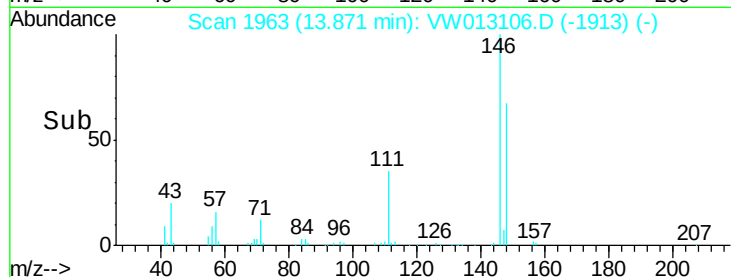
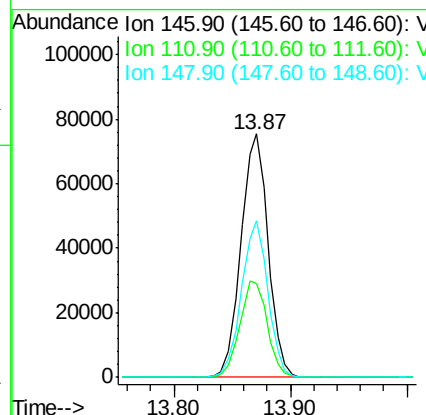
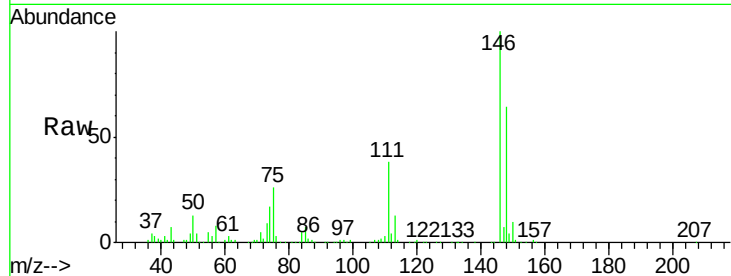
#91  
 1,2-Dichlorobenzene  
 Concen: 20.738 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. 0.01 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0918SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.2  | 20.8  | 62.5  |
| 148     | 62.9  | 32.7  | 98.1  |

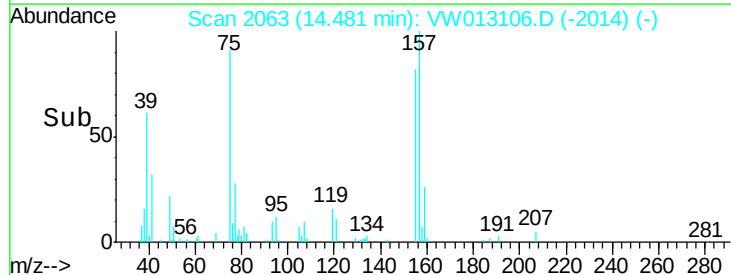
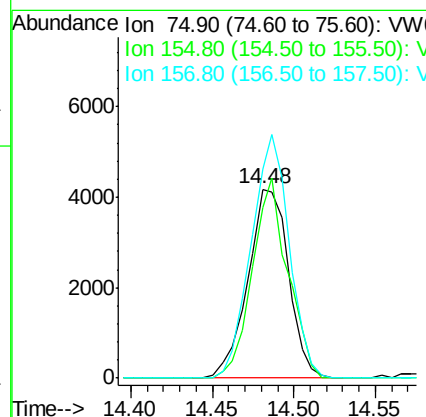
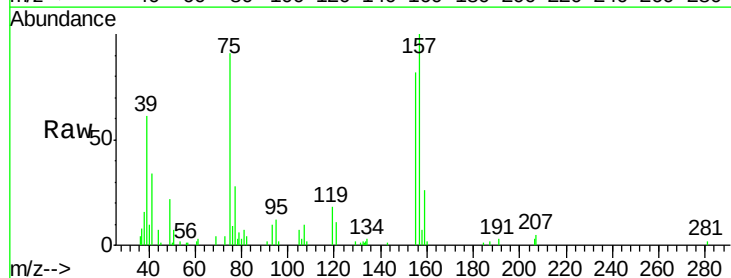
Manual Integrations  
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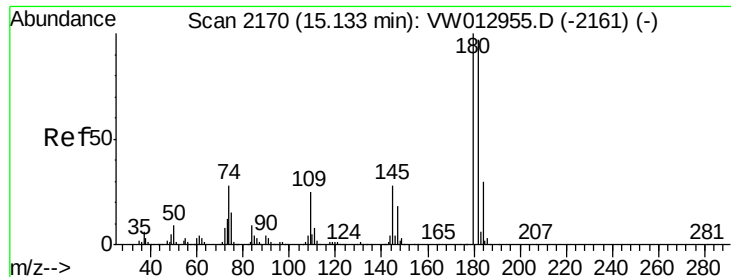
MMDadoda  
 9/19/2019 11:22:10 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 15.330 ug/l  
 RT: 14.48 min Scan# 2063  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 92.9  | 43.3  | 129.9 |
| 157     | 120.8 | 54.7  | 164.1 |





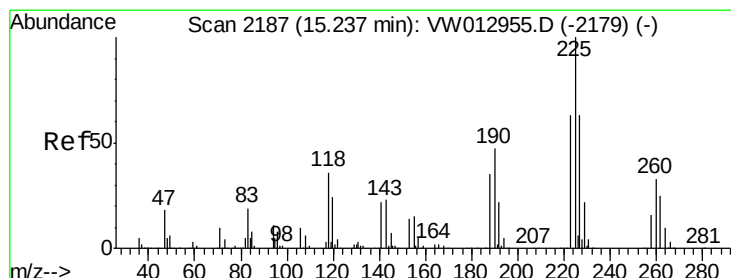
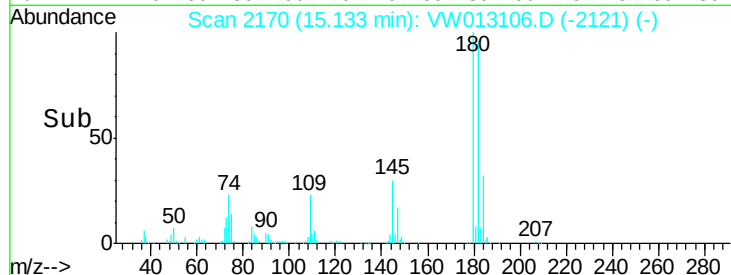
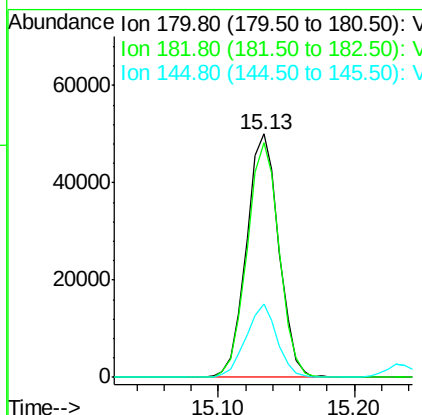
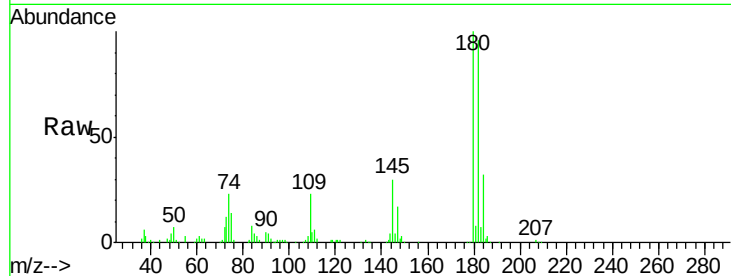
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.854 ug/l  
 RT: 15.13 min Scan# 2170  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0918SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 95.7  | 47.4 | 142.2 |       |
| 145     | 28.7  | 14.9 | 44.7  |       |

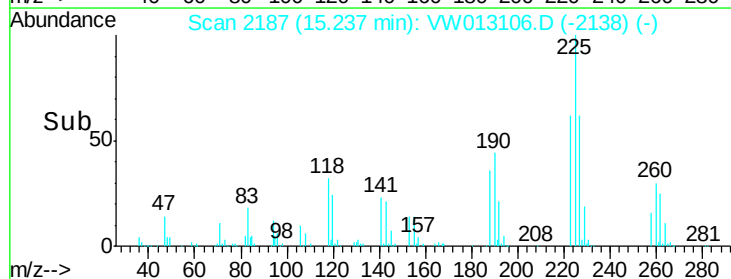
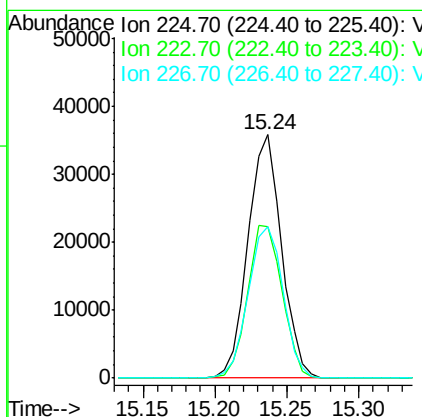
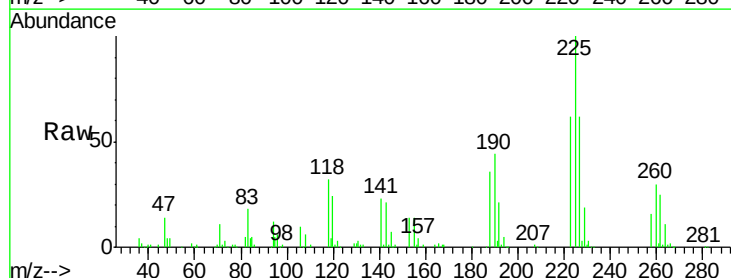
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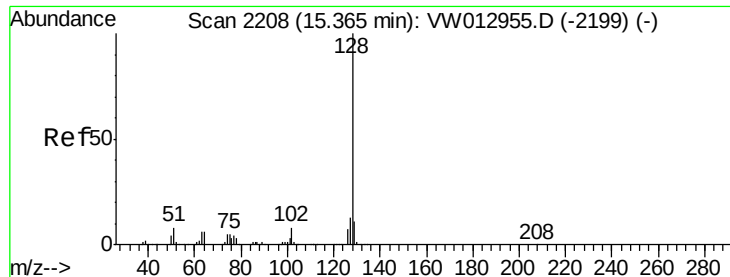
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 9/19/2019 11:22:10 AM



#94  
 Hexachlorobutadiene  
 Concen: 19.354 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. -0.00 min  
 Lab File: VW013106.D  
 Acq: 18 Sep 2019 12:09

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 64.4  | 31.8 | 95.3  |       |
| 227     | 65.0  | 31.3 | 93.8  |       |





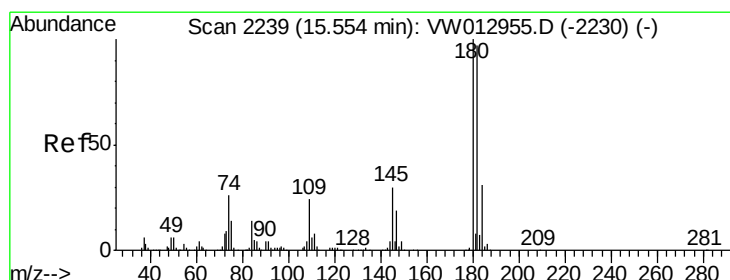
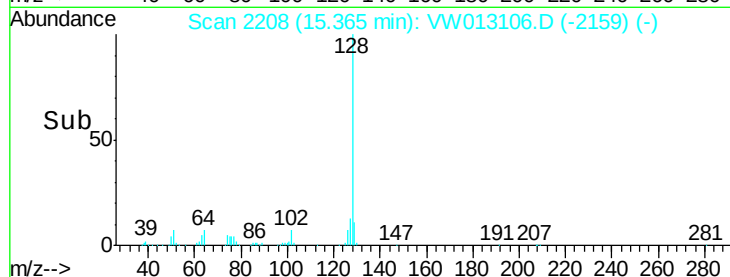
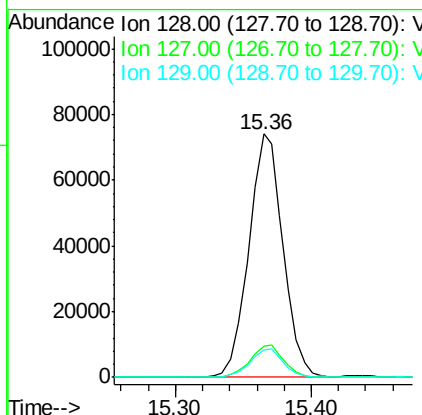
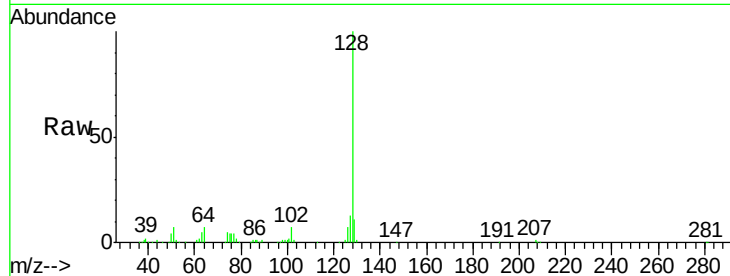
#95  
Naphthalene  
Concen: 18.533 ug/l  
RT: 15.36 min Scan# 2208  
Delta R.T. -0.00 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0918SBS01

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 128     | 100  |       |      |       |       |
| 127     | 13.1 |       | 11.0 | 16.6  |       |
| 129     | 11.3 |       | 8.6  | 12.8  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 19.489 ug/l  
RT: 15.56 min Scan# 2240  
Delta R.T. 0.01 min  
Lab File: VW013106.D  
Acq: 18 Sep 2019 12:09

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 180     | 100  |       |      |       |       |
| 182     | 95.1 |       | 47.6 | 142.8 |       |
| 145     | 29.9 |       | 15.4 | 46.2  |       |

