

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\  
 Data File : VW012366.D  
 Acq On : 30 Aug 2019 23:28  
 Operator : SY/VA  
 Sample : VW0830SBS02  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBS02

Manual Integrations  
 APPROVED

MMDadoda  
 8/31/2019 9:11:46 AM

Quant Time: Aug 31 04:35:14 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W082319S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 26 07:18:31 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 185588   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 305970   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 270483   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 134367   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 126803   | 57.48 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 114.96% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 99392    | 54.42 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.84% |      |
| 50) Toluene-d8            | 10.32  | 98  | 392683   | 53.03 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.06% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 142040   | 54.41 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.82% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 21828  | 19.102  | ug/l   | 96     |
| 3) Chloromethane              | 2.21 | 50  | 36459  | 20.593  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.36 | 62  | 40100  | 18.505  | ug/l   | 97     |
| 5) Bromomethane               | 2.73 | 94  | 21428m | 19.526  | ug/l   |        |
| 6) Chloroethane               | 2.90 | 64  | 25118  | 20.548  | ug/l   | 95     |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 19621  | 18.033  | ug/l   | 96     |
| 8) Diethyl Ether              | 3.67 | 74  | 22124  | 21.421  | ug/l   | 92     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 36633  | 19.807  | ug/l   | 97     |
| 10) Methyl Iodide             | 4.26 | 142 | 49709  | 19.864  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 5.16 | 59  | 17689  | 133.233 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 35893  | 19.281  | ug/l   | 97     |
| 13) Acrolein                  | 3.89 | 56  | 10841  | 86.744  | ug/l   | 94     |
| 14) Allyl chloride            | 4.66 | 41  | 81090  | 20.376  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.36 | 53  | 61790  | 120.704 | ug/l   | 99     |
| 16) Acetone                   | 4.12 | 43  | 56303  | 99.837  | ug/l   | 99     |
| 17) Carbon Disulfide          | 4.38 | 76  | 90777  | 16.135  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.66 | 43  | 38452  | 27.529  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73  | 69634  | 23.131  | ug/l   | 98     |
| 20) Methylene Chloride        | 4.91 | 84  | 48540  | 22.768  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 39788  | 19.932  | ug/l   | 98     |
| 22) Diisopropyl ether         | 6.31 | 45  | 169380 | 22.961  | ug/l   | 98     |
| 23) Vinyl Acetate             | 6.25 | 43  | 494651 | 108.960 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 87293  | 21.734  | ug/l   | 98     |
| 25) 2-Butanone                | 7.17 | 43  | 85197  | 111.174 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 44991  | 19.790  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 46422  | 21.766  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 40011  | 22.856  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.52 | 42  | 55839  | 121.449 | ug/l   | 99     |
| 30) Chloroform                | 7.67 | 83  | 84013  | 22.863  | ug/l   | 100    |
| 31) Cyclohexane               | 7.95 | 56  | 71880  | 18.089  | ug/l # | 93     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 62215  | 21.402  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 61268  | 19.377  | ug/l   | 98     |
| 37) Ethyl Acetate             | 7.25 | 43  | 38939  | 22.474  | ug/l   | 100    |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 54740  | 20.003  | ug/l   | 97     |

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Manual Integrations  
 APPROVED

MMDadoda  
 8/31/2019 9:11:46 AM

Quant Time: Aug 31 04:35:14 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W082319S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 26 07:18:31 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 62808    | 17.682  | ug/l   | 96       |
| 40) Benzene                    | 8.32  | 78   | 178371   | 20.660  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.48  | 41   | 23870    | 23.440  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 60875    | 22.497  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.42  | 43   | 72873    | 22.706  | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 42906    | 20.443  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 50916    | 21.913  | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 22840    | 22.093  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.64  | 83   | 59756    | 21.718  | ug/l   | 95       |
| 48) Methyl methacrylate        | 9.43  | 41   | 35016    | 22.924  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 7851     | 496.060 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 191543   | 117.338 | ug/l   | 99       |
| 52) Toluene                    | 10.38 | 92   | 108153   | 20.852  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 58995    | 21.049  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 69954    | 20.671  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 33168    | 22.675  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 47544    | 22.333  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 62553    | 22.630  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.92  | 63   | 119918   | 109.756 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.97 | 43   | 130077   | 112.618 | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 35833    | 21.994  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.23 | 107  | 30435    | 22.334  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.86 | 164  | 36241    | 20.666  | ug/l   | 97       |
| 65) Chlorobenzene              | 11.66 | 112  | 110849   | 20.813  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 39988    | 21.522  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.73 | 91   | 212438   | 20.706  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.84 | 106  | 151756   | 41.063  | ug/l   | 98       |
| 69) o-Xylene                   | 12.16 | 106  | 69884    | 20.431  | ug/l   | 95       |
| 70) Styrene                    | 12.18 | 104  | 125895   | 21.264  | ug/l   | 98       |
| 71) Bromoform                  | 12.35 | 173  | 19912    | 21.510  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.46 | 105  | 201086   | 19.972  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 67460    | 22.177  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 39304    | 21.294  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 27677m   | 21.149  | ug/l   |          |
| 77) Bromobenzene               | 12.74 | 156  | 45855    | 21.052  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.80 | 91   | 247233   | 20.114  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 144120   | 20.652  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 174259   | 20.713  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 12033    | 20.160  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 150096   | 20.542  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 145680   | 20.442  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 176537   | 20.889  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.38 | 105  | 204781   | 20.057  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 188778   | 20.703  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 89993    | 21.123  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 89346    | 21.121  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.82 | 91   | 183065   | 20.189  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.09 | 117  | 31875    | 19.925  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 81850    | 21.900  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.48 | 75   | 6546     | 21.036  | ug/l   | 97       |

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ALS Vial : 33 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

Manual Integrations  
APPROVED

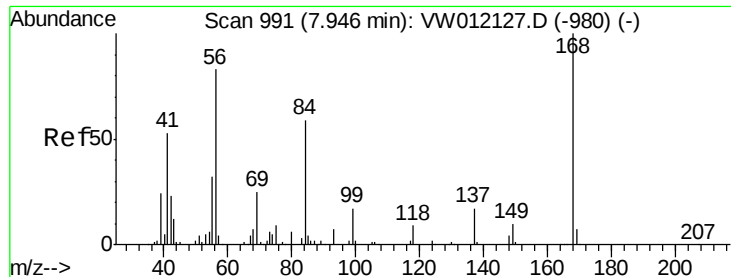
MMDadoda  
8/31/2019 9:11:46 AM

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

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.13 | 180  | 56753    | 21.973 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 38098    | 22.339 | ug/l  | 96       |
| 95) Naphthalene            | 15.36 | 128  | 98472    | 22.071 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.55 | 180  | 49160    | 21.815 | ug/l  | 98       |

(#) = 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: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion:168 Resp: 185588

Ion Ratio Lower Upper

168 100

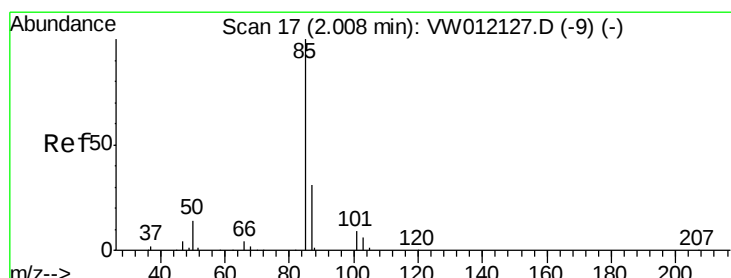
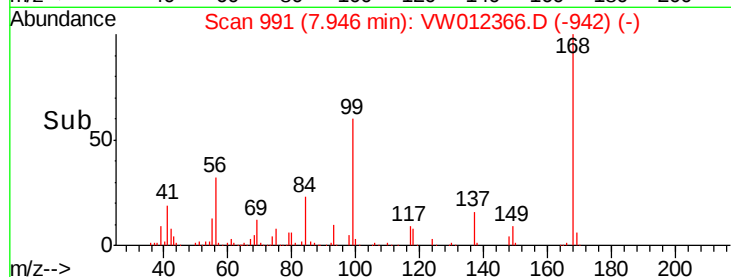
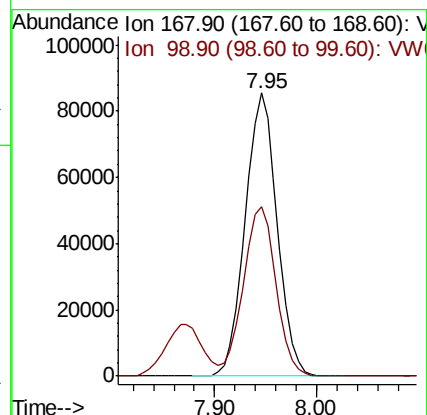
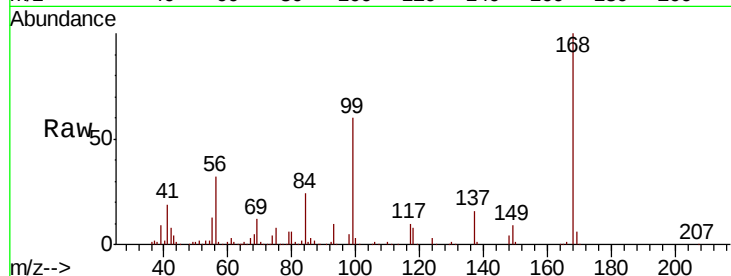
99 59.8 49.2 73.8

Manual Integrations

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8/31/2019 9:11:46 AM



#2

Dichlorodifluoromethane

Concen: 19.102 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW012366.D

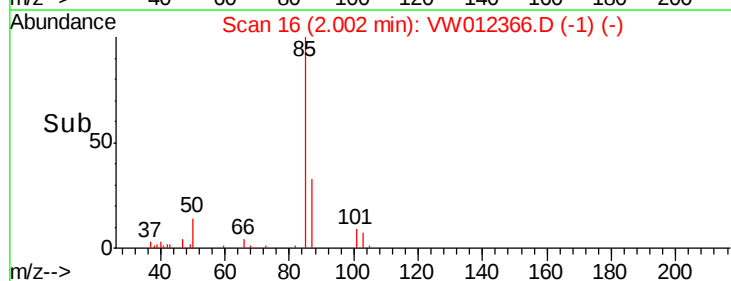
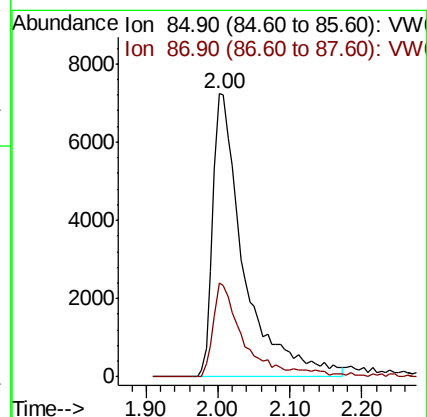
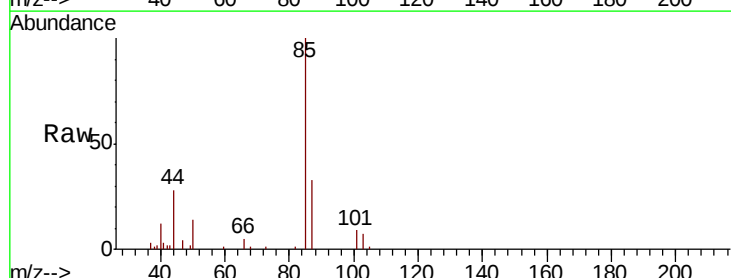
Acq: 30 Aug 2019 23:28

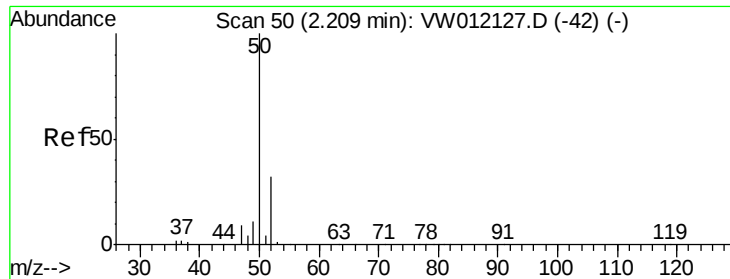
Tgt Ion: 85 Resp: 21828

Ion Ratio Lower Upper

85 100

87 33.3 15.6 46.8





#3

Chloromethane

Concen: 20.593 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 50 Resp: 36459

Ion Ratio Lower Upper

50 100

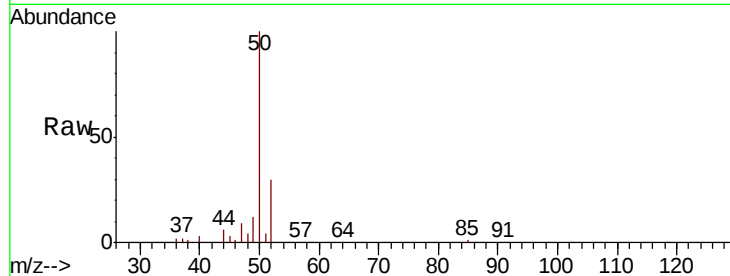
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Manual Integrations

APPROVED

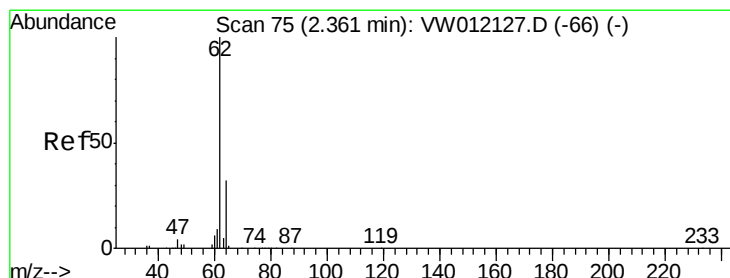
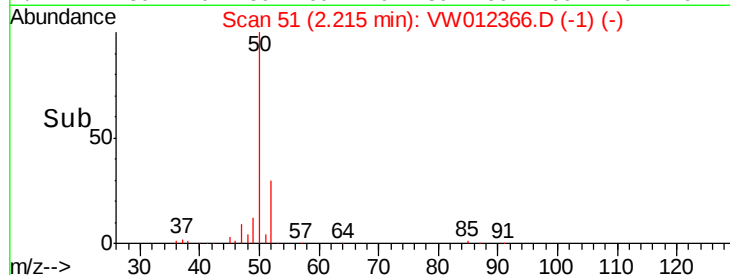
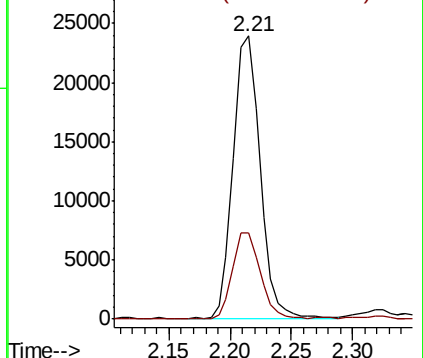
MMDadoda

8/31/2019 9:11:46 AM



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 18.505 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012366.D

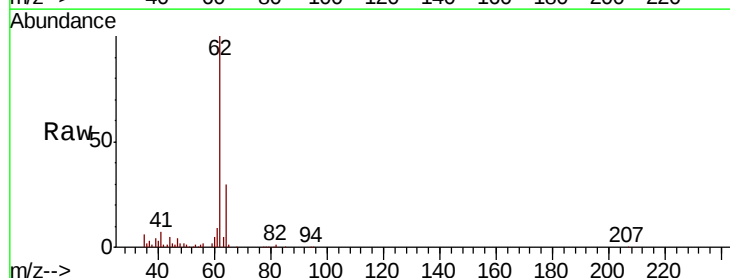
Acq: 30 Aug 2019 23:28

Tgt Ion: 62 Resp: 40100

Ion Ratio Lower Upper

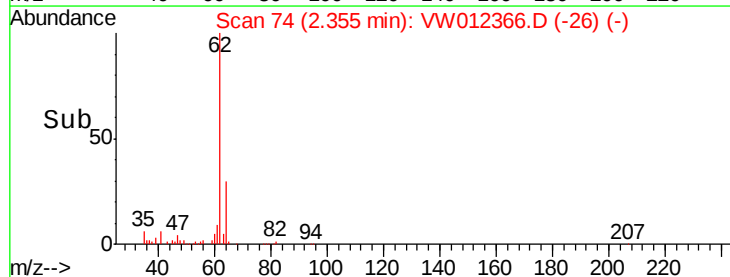
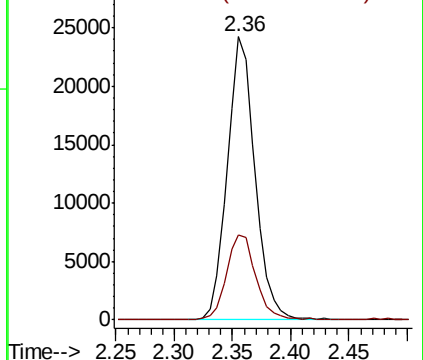
62 100

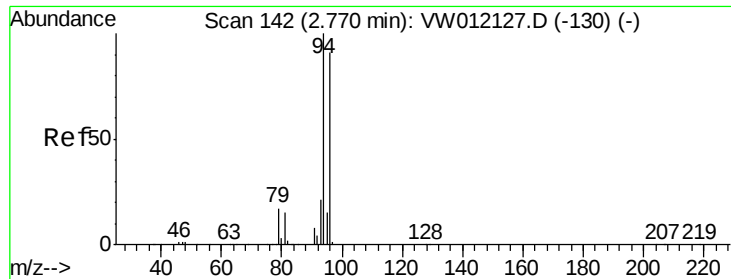
64 29.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 19.526 ug/l m

RT: 2.73 min Scan# 136

Delta R.T. -0.04 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

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ClientSampleId :

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Tot Ion: 94 Resp: 21428

Ion Ratio Lower Upper

94 100

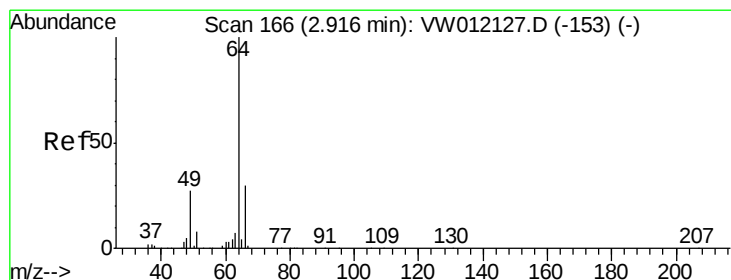
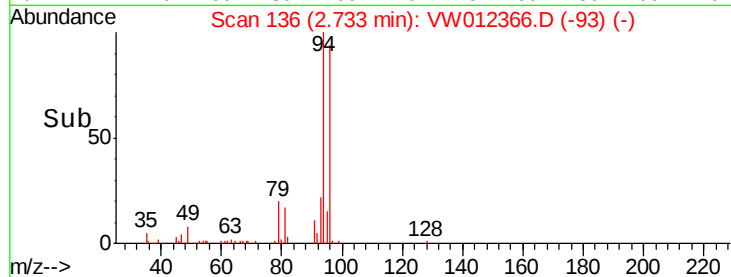
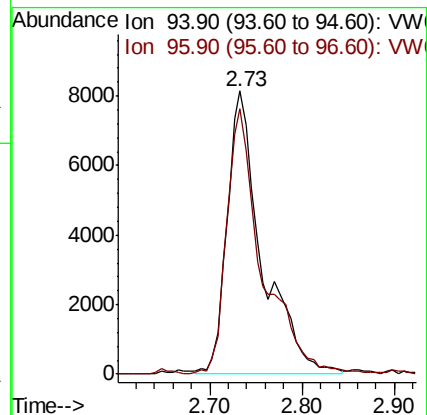
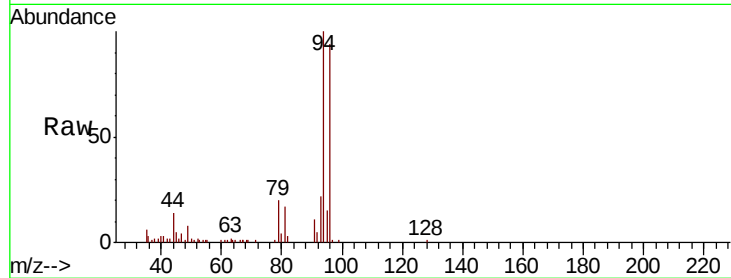
96 93.8 72.9 109.3

Manual Integrations

APPROVED

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8/31/2019 9:11:46 AM



#6

Chloroethane

Concen: 20.548 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012366.D

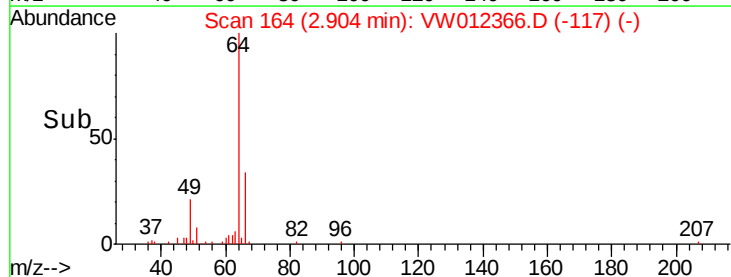
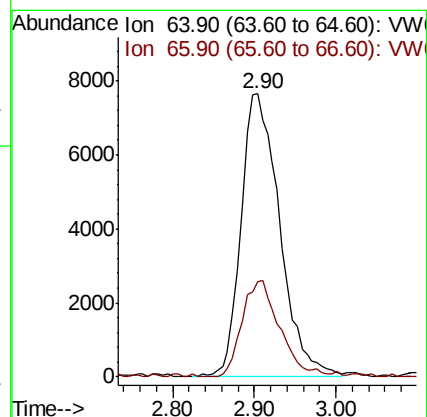
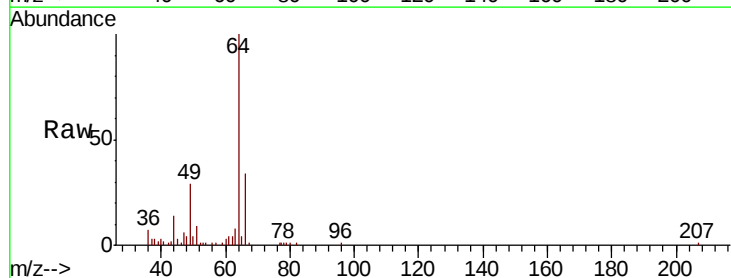
Acq: 30 Aug 2019 23:28

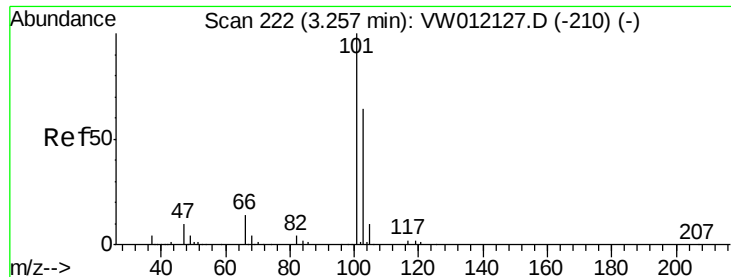
Tgt Ion: 64 Resp: 25118

Ion Ratio Lower Upper

64 100

66 32.7 23.8 35.8





#7

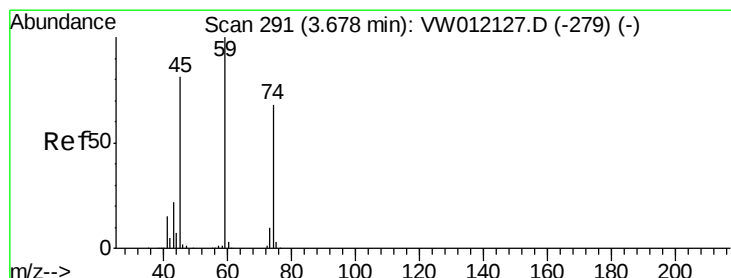
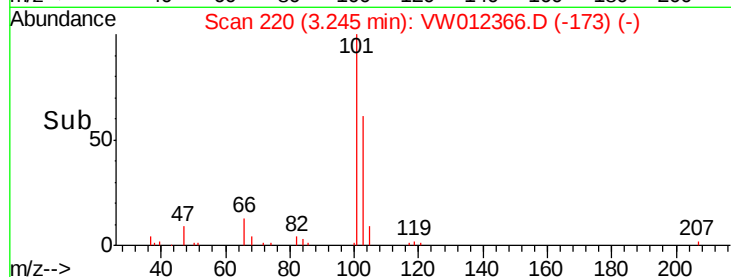
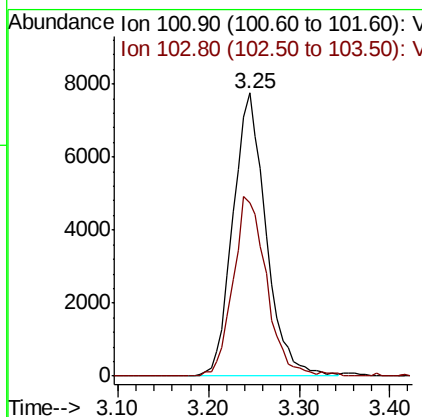
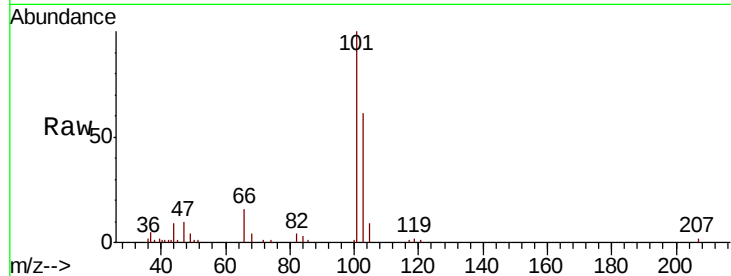
Trichlorofluoromethane  
 Concen: 18.033 ug/l  
 RT: 3.25 min Scan# 220  
 Delta R.T. -0.01 min  
 Lab File: VW012366.D  
 Acq: 30 Aug 2019 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBS02

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 101     | 100   | 19621 |       |       |
| 103     | 61.2  | 51.2  | 76.8  |       |

Manual Integrations  
 APPROVED

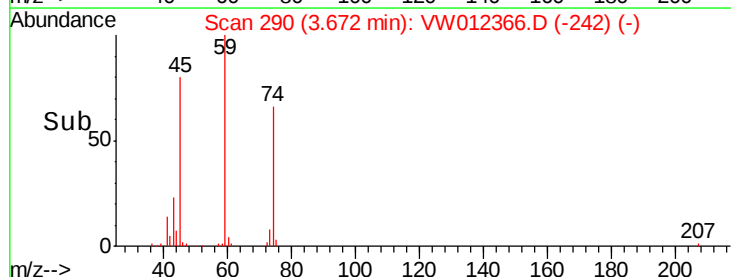
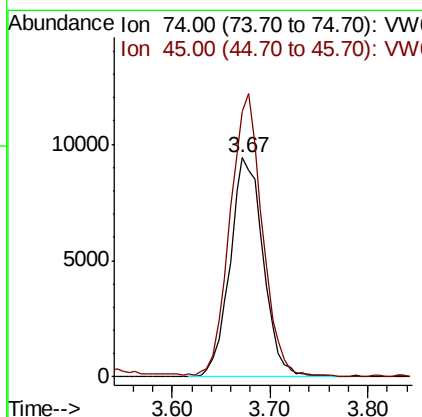
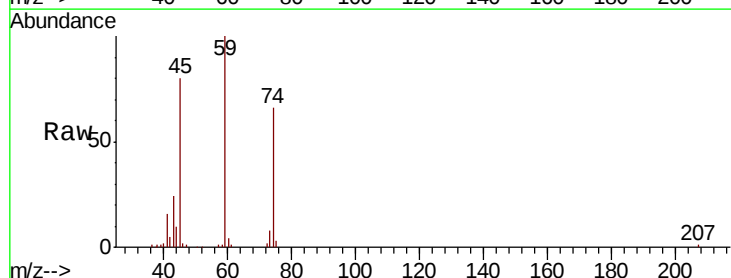
MMDadoda  
 8/31/2019 9:11:46 AM

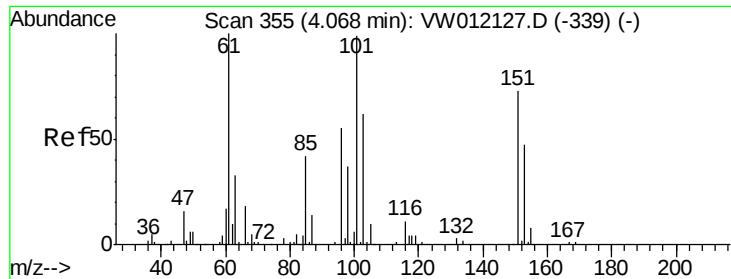


#8

Diethyl Ether  
 Concen: 21.421 ug/l  
 RT: 3.67 min Scan# 290  
 Delta R.T. -0.01 min  
 Lab File: VW012366.D  
 Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 22124 |       |       |
| 45      | 126.8 | 59.2  | 177.6 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.807 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

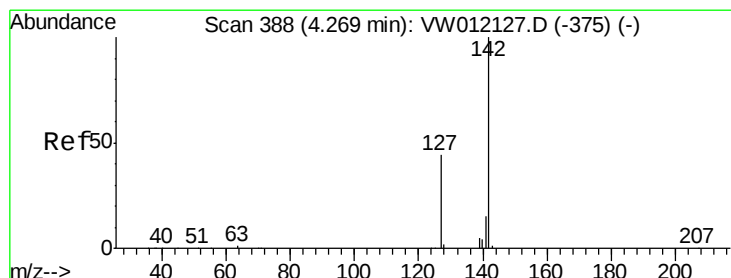
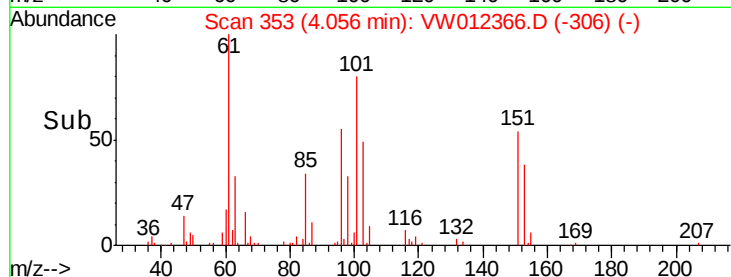
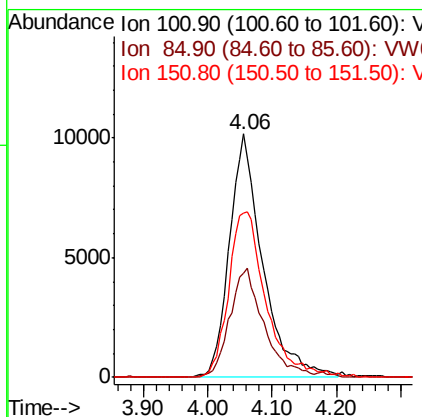
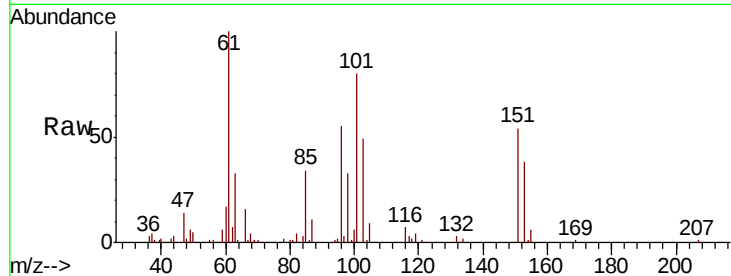
ClientSampleId :

VW0830SBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 36633 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 46.0  | 35.8  | 53.6  |
| 151       | 75.9  | 58.6  | 87.8  |

Manual Integrations  
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MMDadoda  
8/31/2019 9:11:46 AM



#10

Methyl Iodide

Concen: 19.864 ug/l

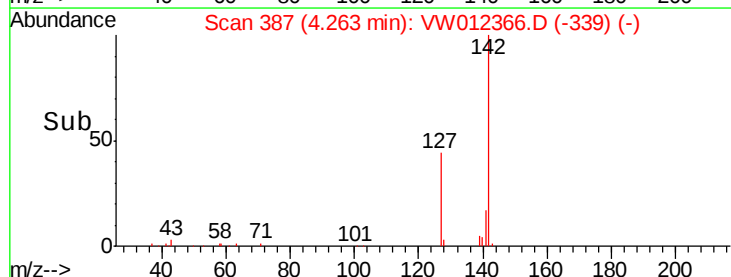
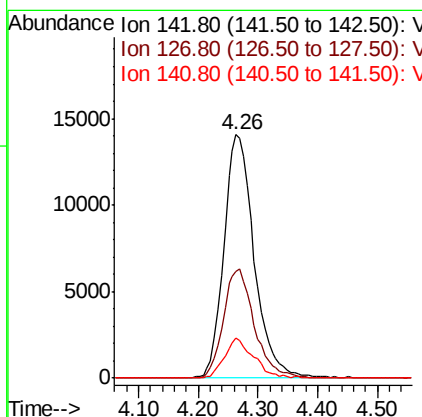
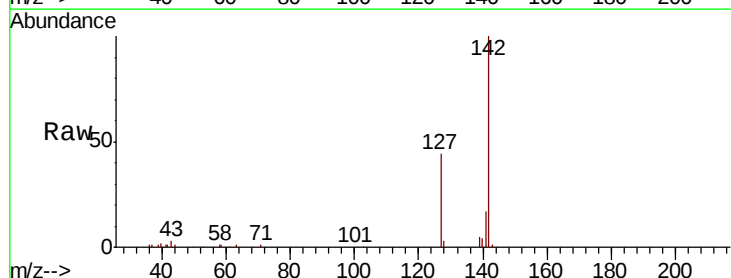
RT: 4.26 min Scan# 387

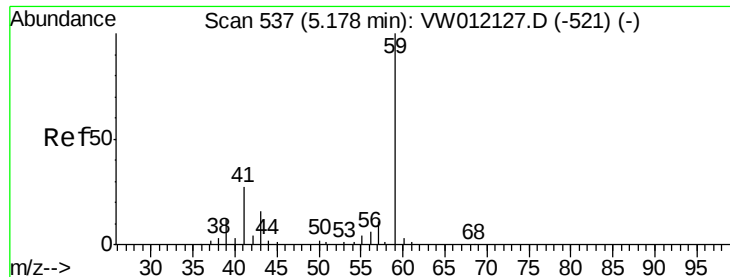
Delta R.T. -0.01 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 49709 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 45.4  | 35.5  | 53.3  |
| 141       | 15.7  | 11.8  | 17.8  |





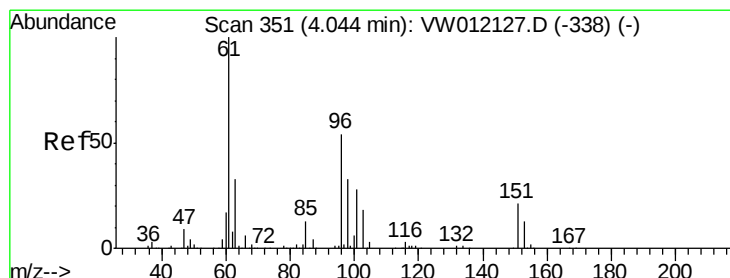
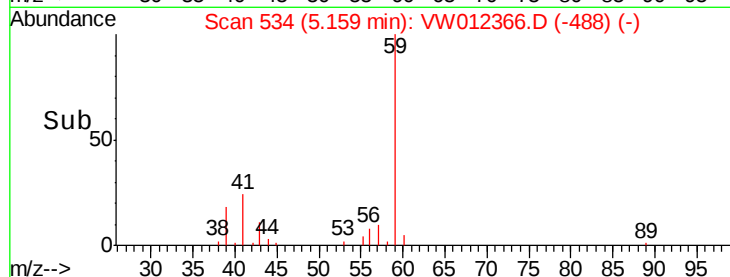
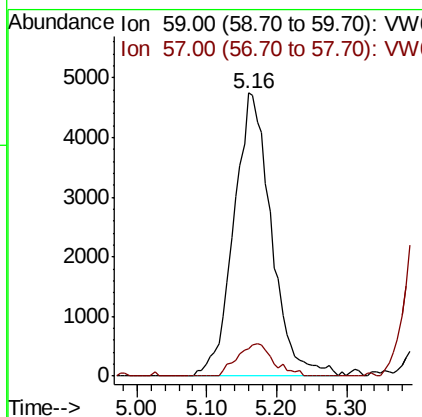
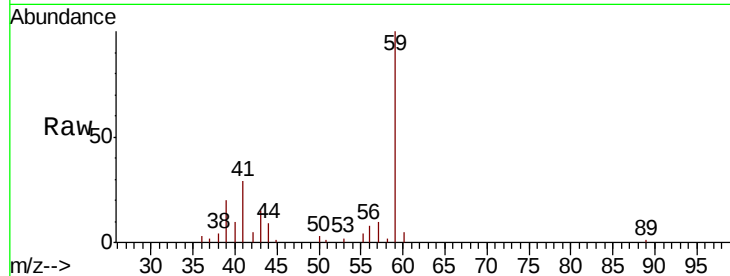
#11  
Tert butyl alcohol  
Concen: 133.233 ug/l  
RT: 5.16 min Scan# 534  
Delta R.T. -0.02 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

Tot Ion: 59 Resp: 17689  
Ion Ratio Lower Upper  
59 100  
57 11.0 9.0 13.4

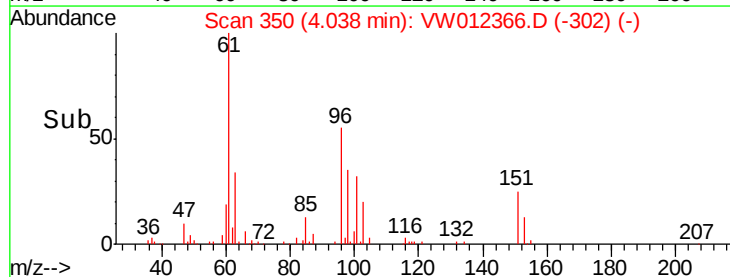
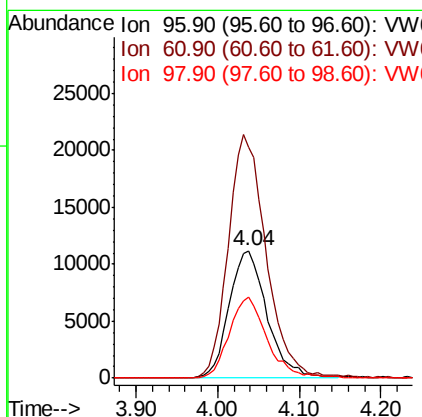
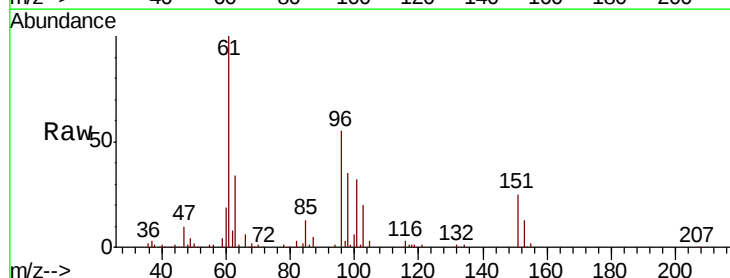
Manual Integrations  
APPROVED

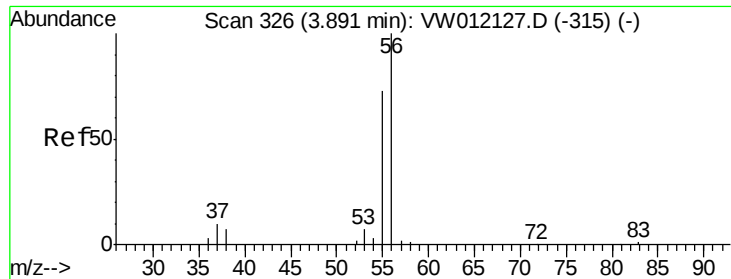
MMDadoda  
8/31/2019 9:11:46 AM



#12  
1,1-Dichloroethene  
Concen: 19.281 ug/l  
RT: 4.04 min Scan# 350  
Delta R.T. -0.01 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Tgt Ion: 96 Resp: 35893  
Ion Ratio Lower Upper  
96 100  
61 181.2 149.1 223.7  
98 63.3 49.4 74.2





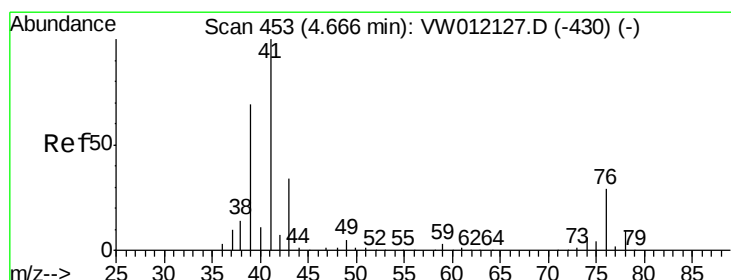
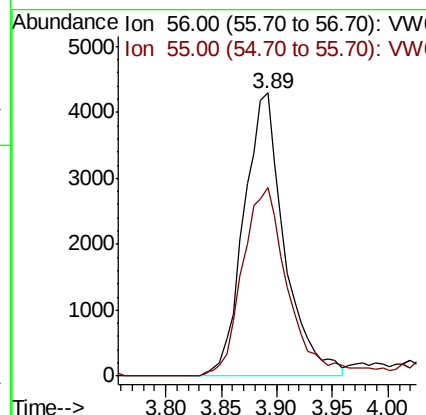
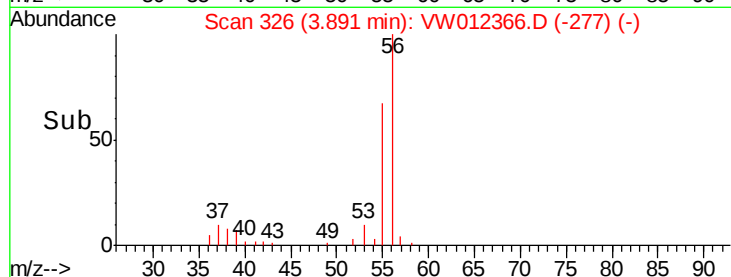
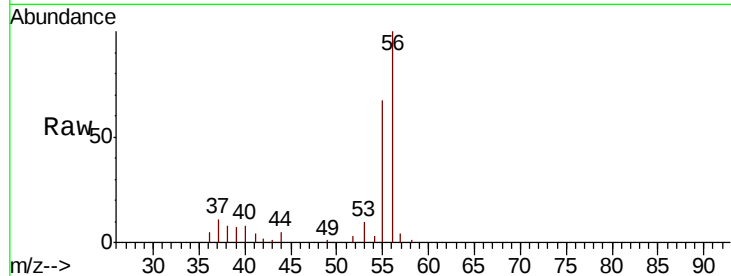
#13  
Acrolein  
Concen: 86.744 ug/l  
RT: 3.89 min Scan# 326  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion   | 56   | Resp  | 10841 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 55        | 74.7 | 55.8  | 83.8  |

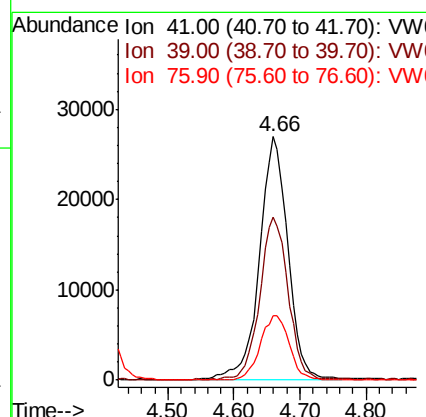
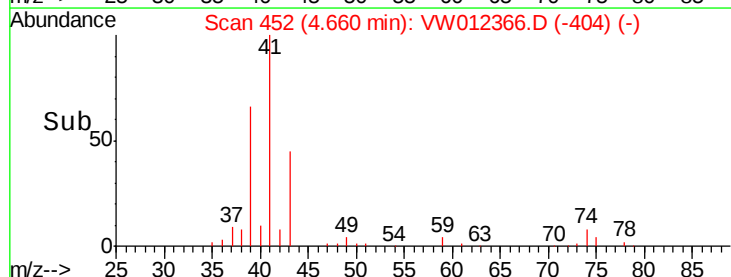
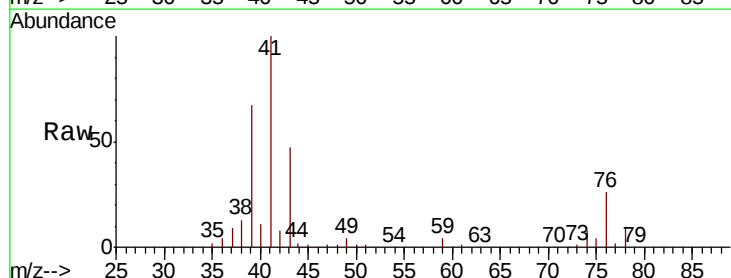
Manual Integrations  
APPROVED

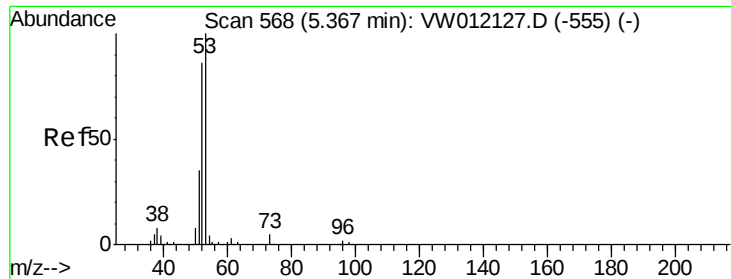
MMDadoda  
8/31/2019 9:11:46 AM



#14  
Allyl chloride  
Concen: 20.376 ug/l  
RT: 4.66 min Scan# 452  
Delta R.T. -0.01 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

| Tgt Ion   | 41   | Resp  | 81090 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 39        | 65.9 | 53.4  | 80.2  |
| 76        | 27.0 | 22.1  | 33.1  |





#15

Acrylonitrile

Concen: 120.704 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

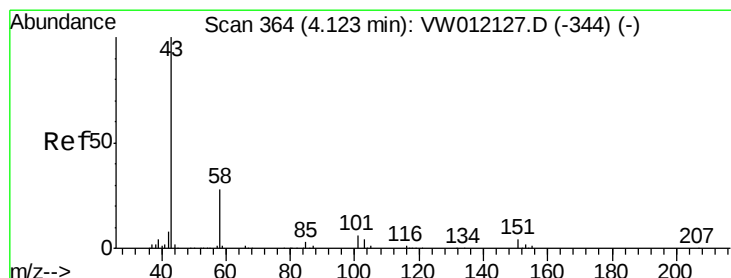
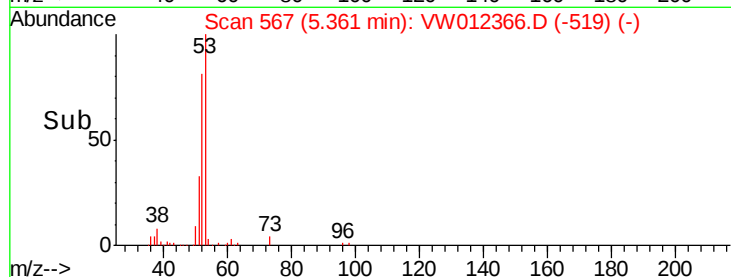
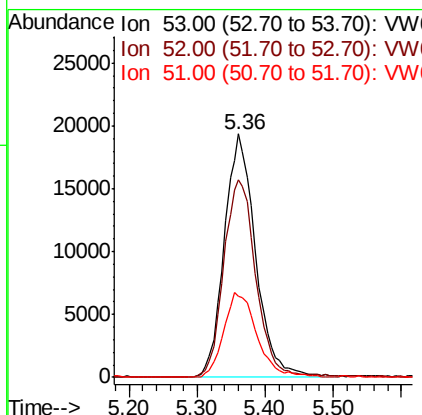
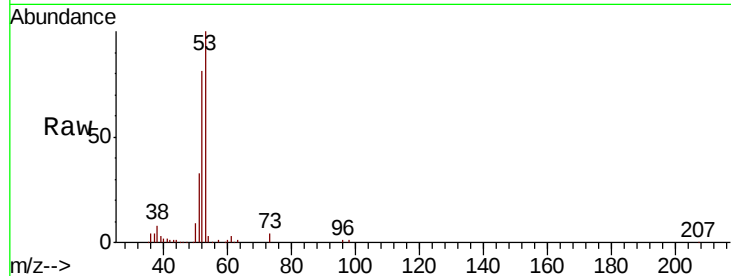
ClientSampleId :

VW0830SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 61790 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.6  | 66.7  | 100.1 |
| 51       | 37.0  | 30.1  | 45.1  |

Manual Integrations  
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8/31/2019 9:11:46 AM



#16

Acetone

Concen: 99.837 ug/l

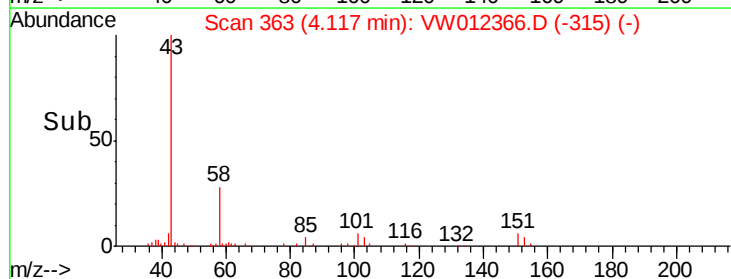
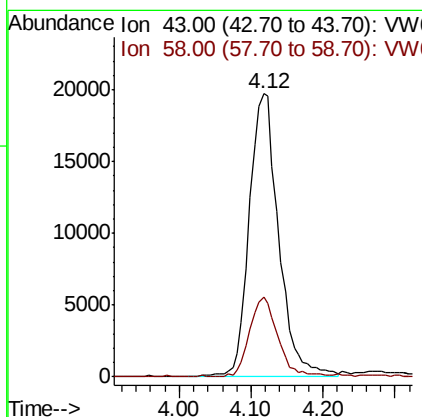
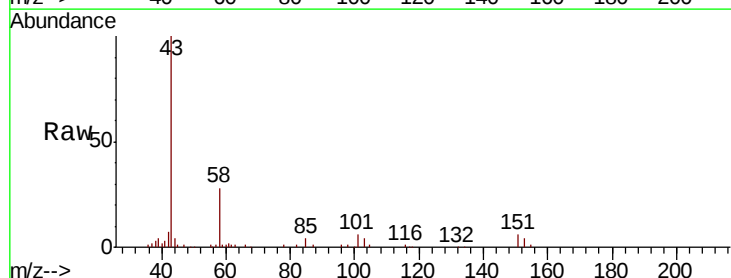
RT: 4.12 min Scan# 363

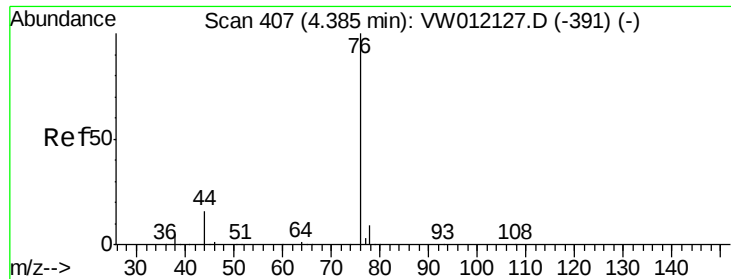
Delta R.T. -0.01 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 56303 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 28.3  | 22.4  | 33.6  |





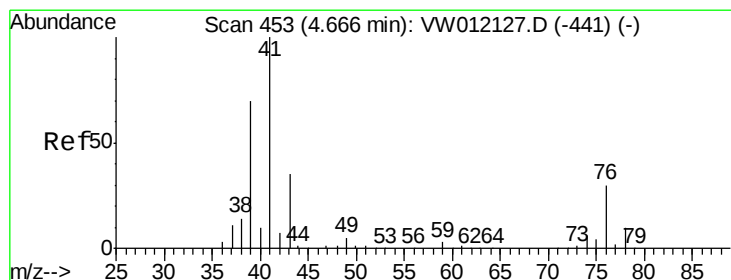
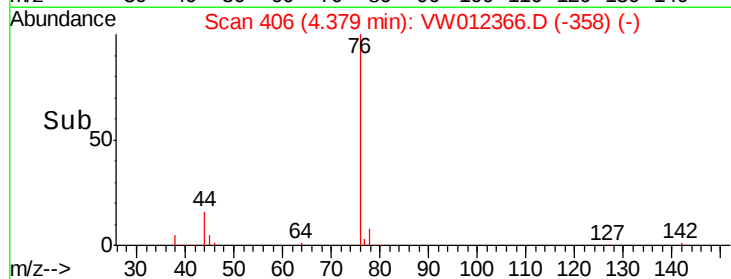
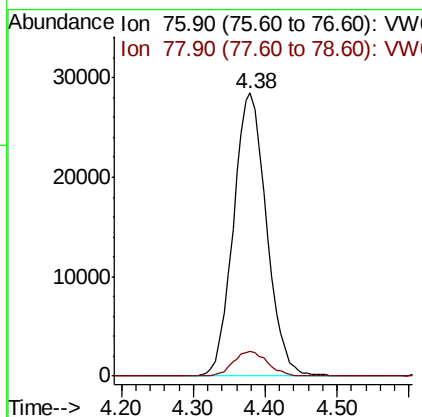
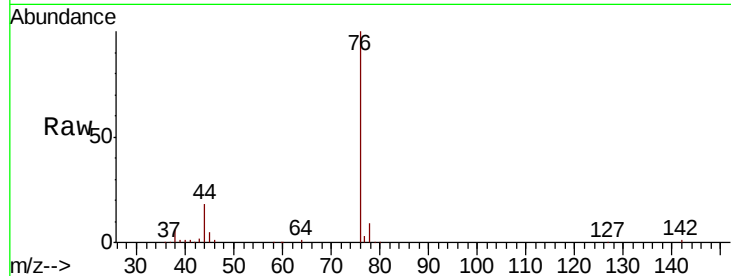
#17  
Carbon Disulfide  
Concen: 16.135 ug/l  
RT: 4.38 min Scan# 406  
Delta R.T. -0.01 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.9   | 7.3   | 10.9  |

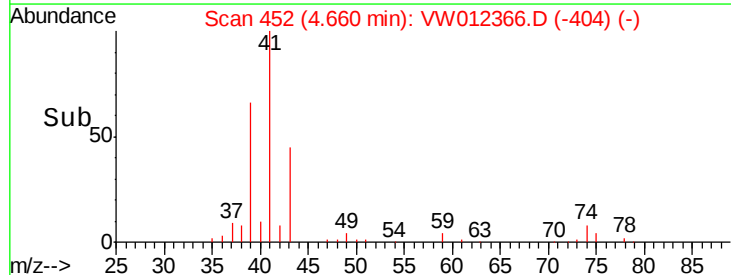
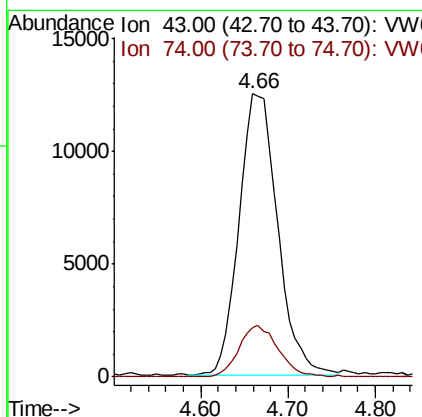
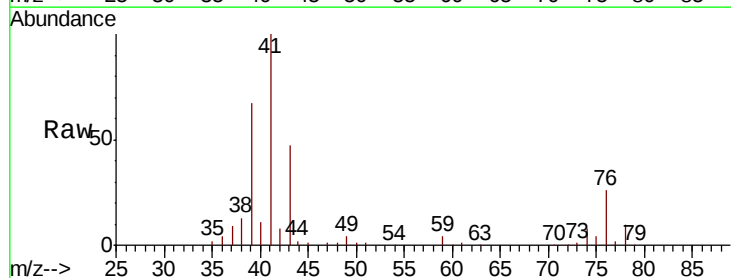
Manual Integrations  
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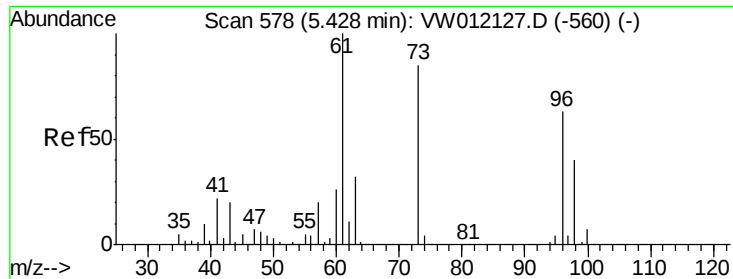
MMDadoda  
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#18  
Methyl Acetate  
Concen: 27.529 ug/l  
RT: 4.66 min Scan# 452  
Delta R.T. -0.01 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 18.5  | 15.7  | 23.5  |





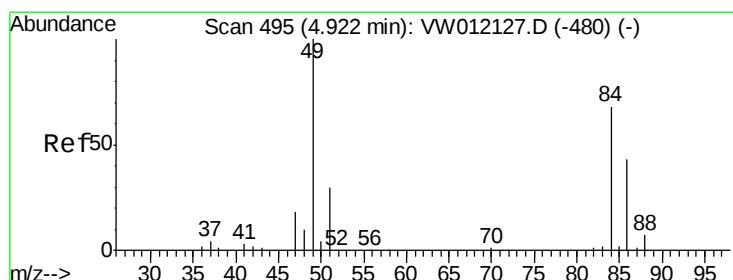
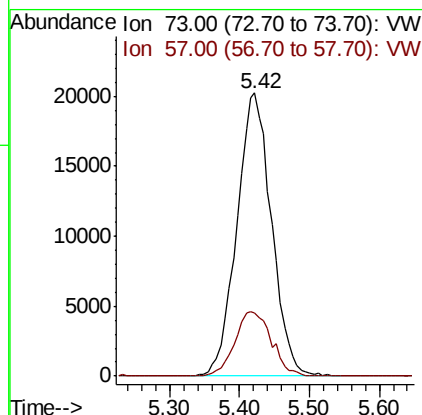
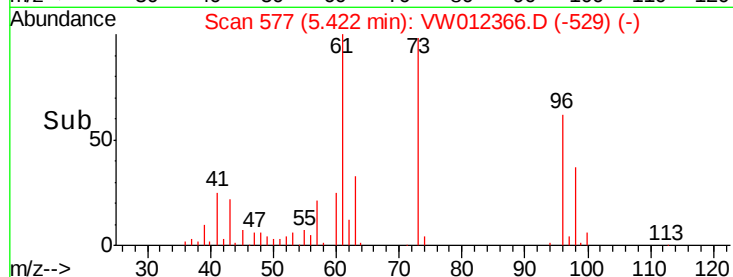
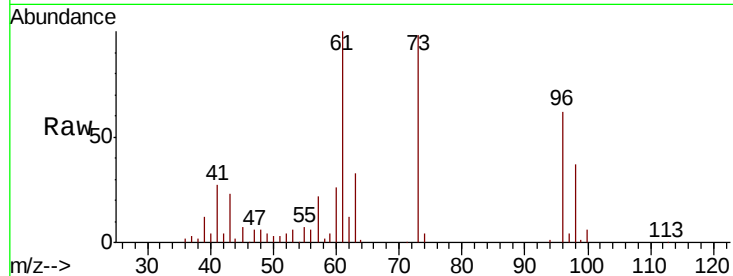
#19  
Methyl tert-butyl Ether  
Concen: 23.131 ug/l  
RT: 5.42 min Scan# 577  
Delta R.T. -0.01 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

Tot Ion: 73 Resp: 69634  
Ion Ratio Lower Upper  
73 100  
57 22.5 18.9 28.3

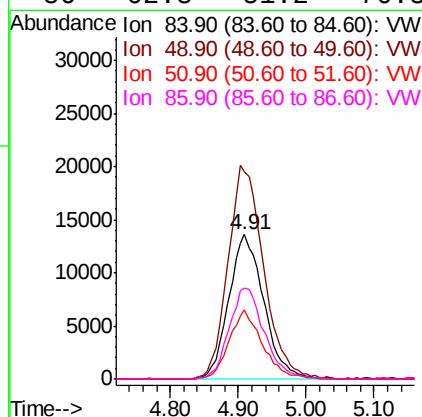
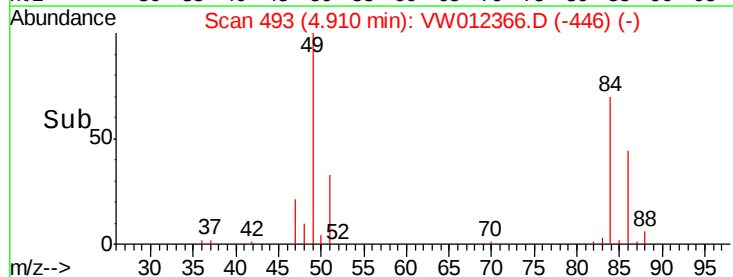
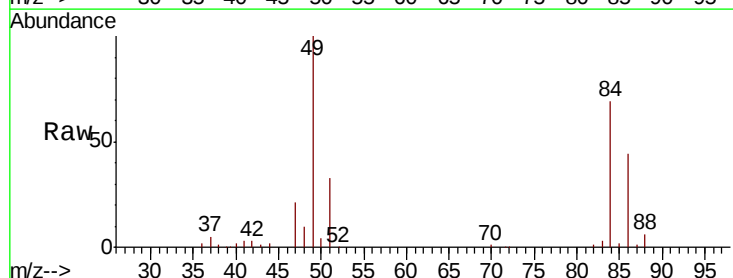
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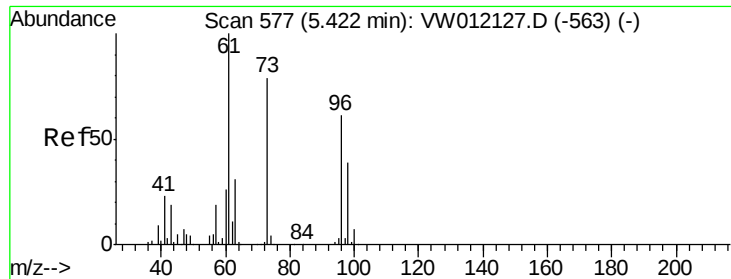
MMDadoda  
8/31/2019 9:11:46 AM



#20  
Methylene Chloride  
Concen: 22.768 ug/l  
RT: 4.91 min Scan# 493  
Delta R.T. -0.01 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Tgt Ion: 84 Resp: 48540  
Ion Ratio Lower Upper  
84 100  
49 144.0 117.8 176.8  
51 47.6 35.6 53.4  
86 62.8 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.932 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

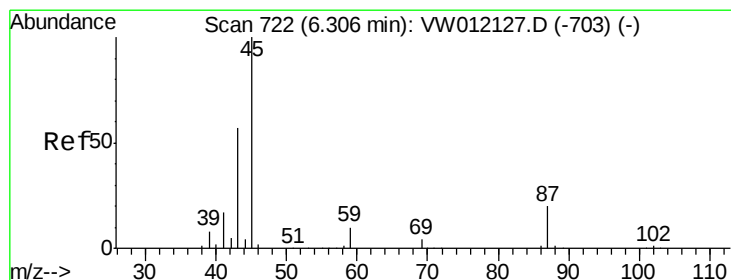
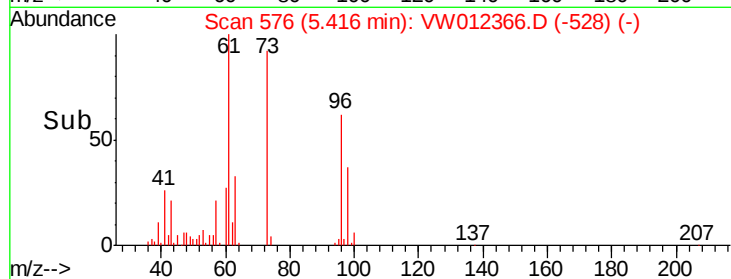
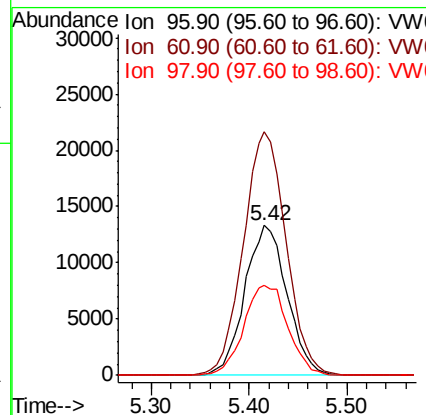
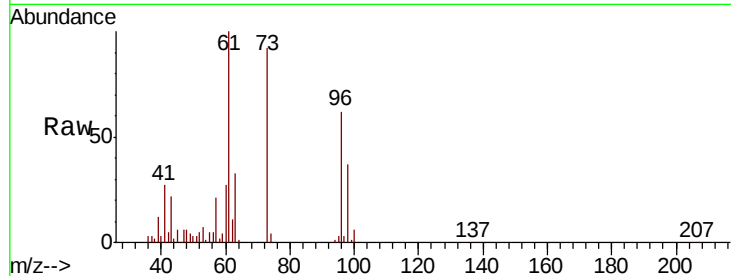
ClientSampleId :

VW0830SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 39788 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 162.5 | 131.4 | 197.0 |
| 98       | 60.4  | 51.4  | 77.0  |

Manual Integrations  
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MMDadoda  
8/31/2019 9:11:46 AM



#22

Diisopropyl ether

Concen: 22.961 ug/l

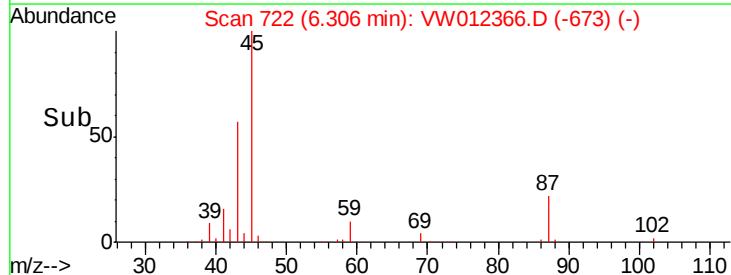
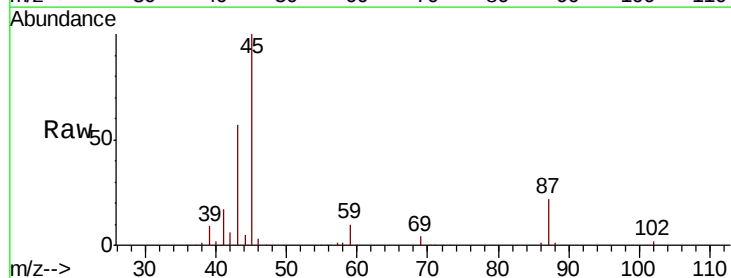
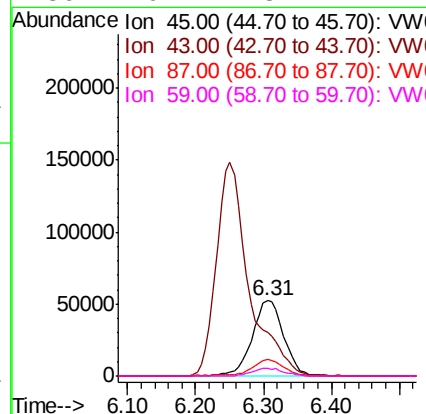
RT: 6.31 min Scan# 722

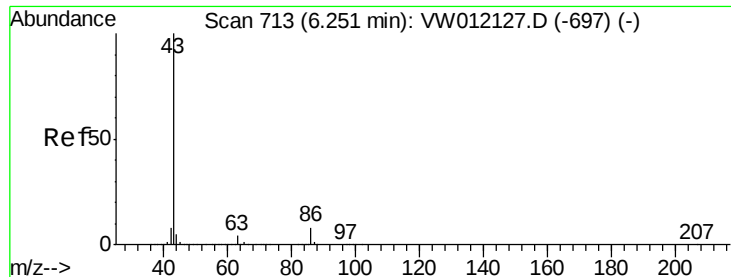
Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 169380 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 56.3  | 45.5  | 68.3   |
| 87       | 21.9  | 16.1  | 24.1   |
| 59       | 10.1  | 8.2   | 12.2   |





#23

Vinyl Acetate

Concen: 108.960 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 43 Resp: 494651

Ion Ratio Lower Upper

43 100

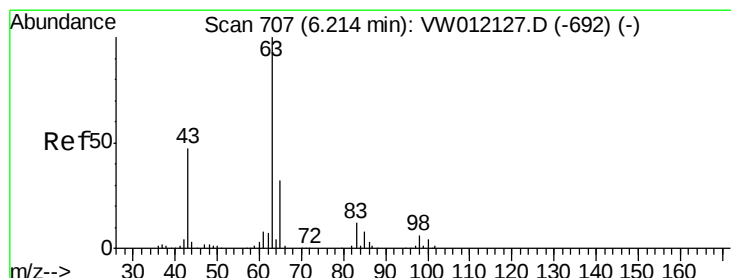
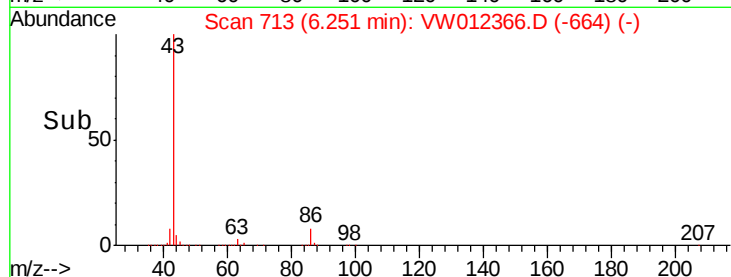
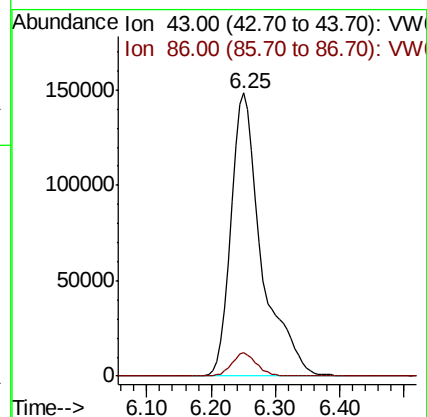
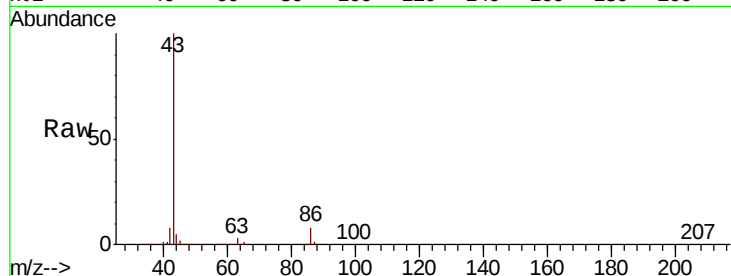
86 8.3 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 21.734 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

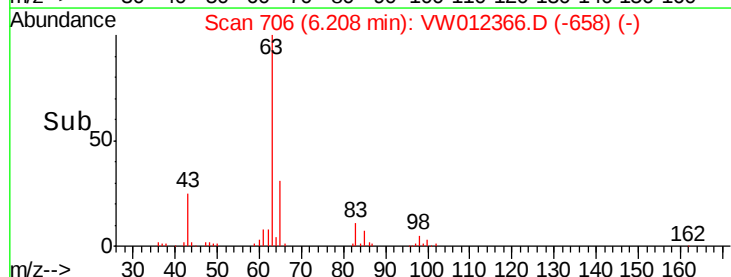
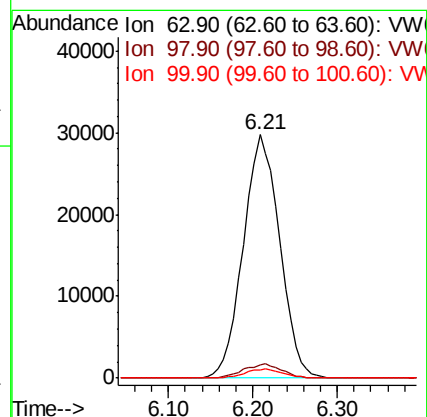
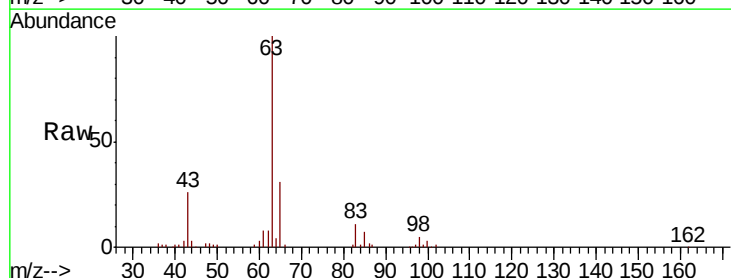
Tgt Ion: 63 Resp: 87293

Ion Ratio Lower Upper

63 100

98 5.3 3.0 9.2

100 3.4 2.0 6.0





#25

2-Butanone

Concen: 111.174 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 43 Resp: 85197

Ion Ratio Lower Upper

43 100

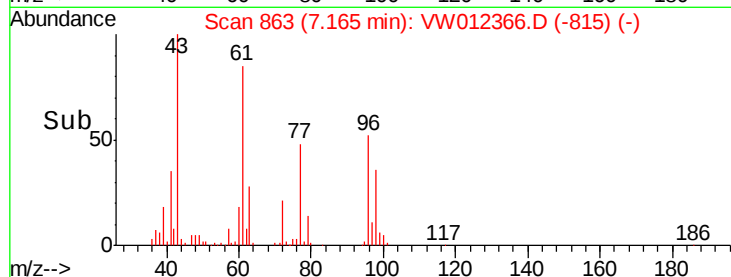
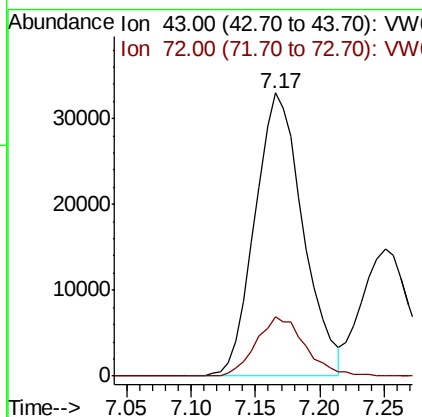
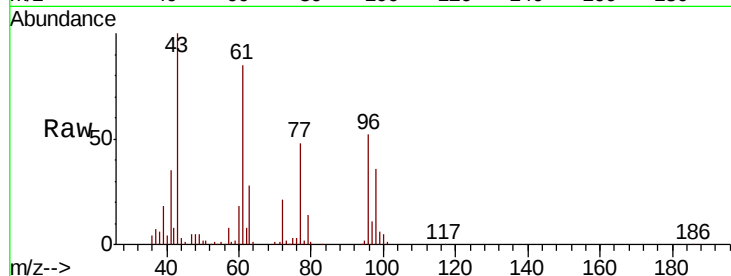
72 20.9 16.6 24.8

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#26

2,2-Dichloropropane

Concen: 19.790 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012366.D

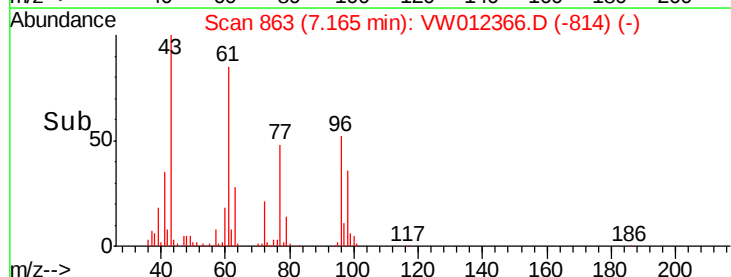
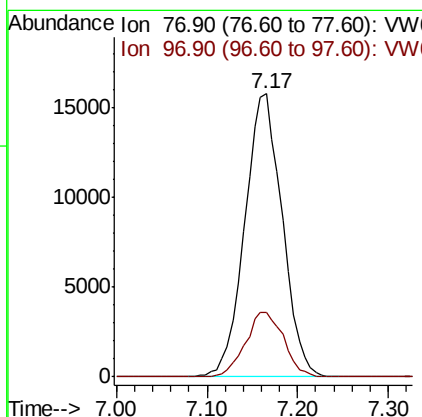
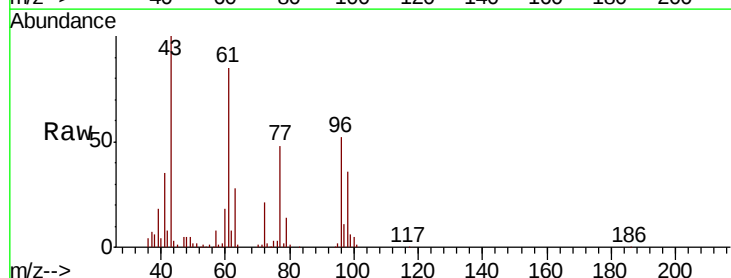
Acq: 30 Aug 2019 23:28

Tgt Ion: 77 Resp: 44991

Ion Ratio Lower Upper

77 100

97 23.3 11.1 33.1





#27

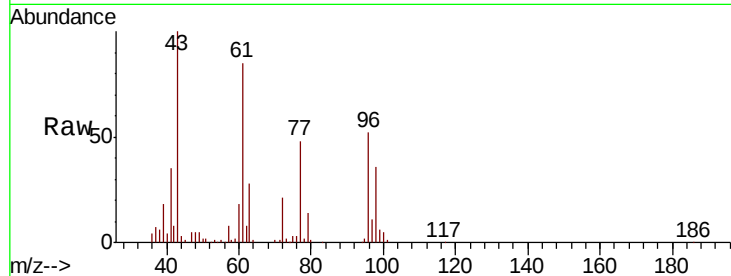
cis-1,2-Dichloroethene  
Concen: 21.766 ug/l  
RT: 7.17 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

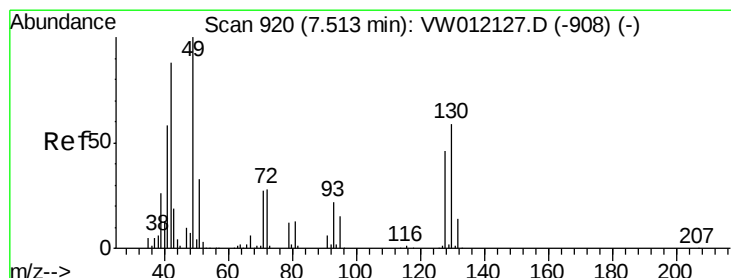
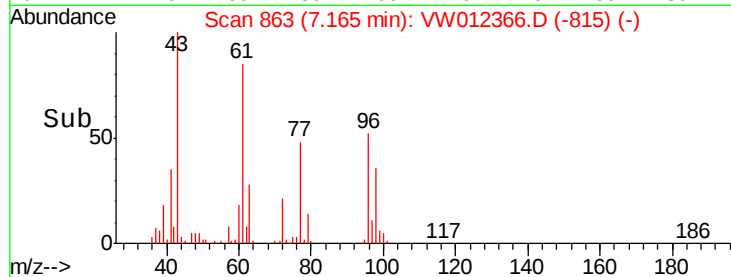
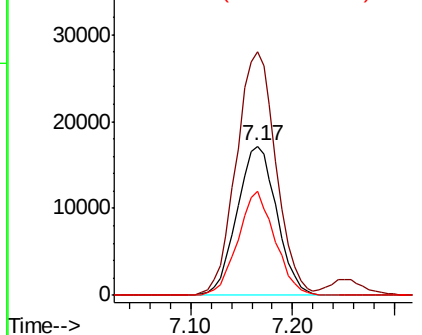
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 163.2 | 0.0   | 326.6 |
| 98      | 64.9  | 0.0   | 127.4 |

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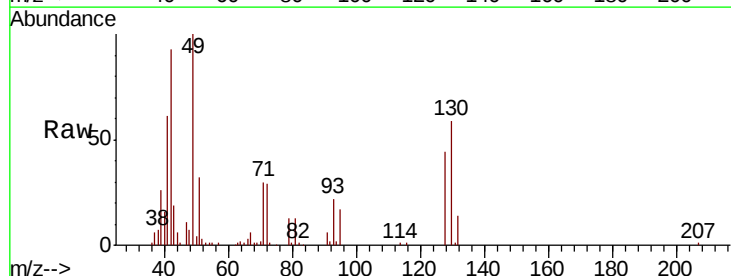
Abundance Ion 95.90 (95.60 to 96.60): VW  
Ion 60.90 (60.60 to 61.60): VW  
Ion 97.90 (97.60 to 98.60): VW



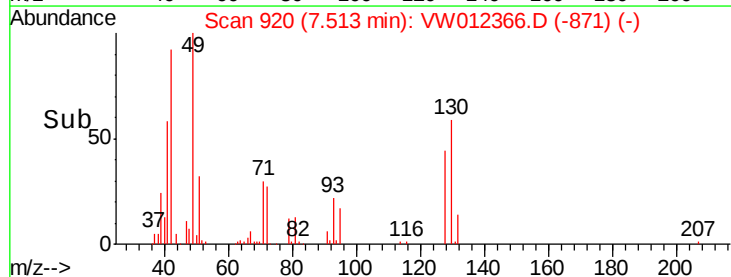
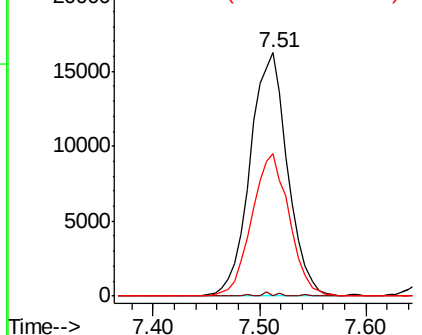
#28

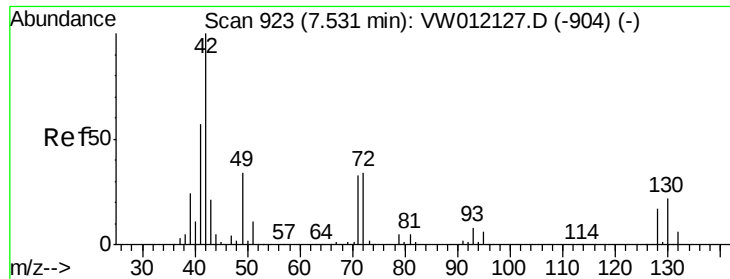
Bromochloromethane  
Concen: 22.856 ug/l  
RT: 7.51 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.5   | 0.0   | 1.4   |
| 130     | 58.5  | 45.5  | 68.3  |



Abundance Ion 48.90 (48.60 to 49.60): VW  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V





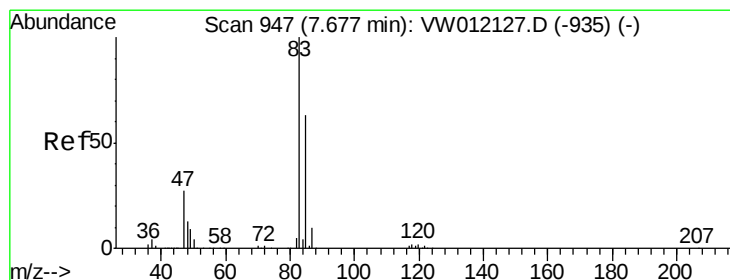
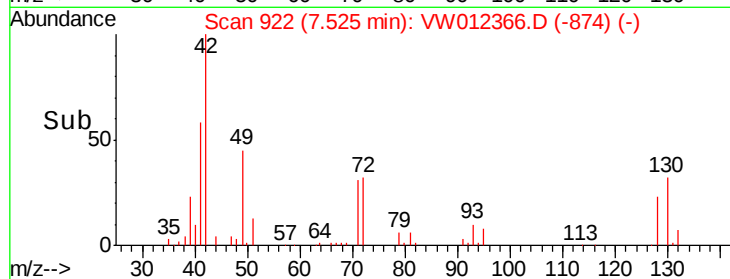
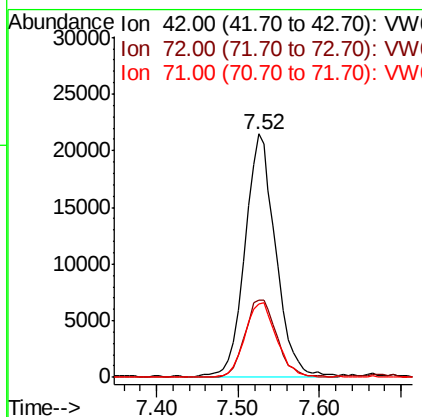
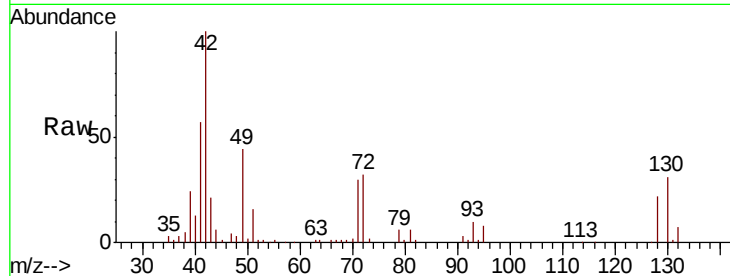
#29  
Tetrahydrofuran  
Concen: 121.449 ug/l  
RT: 7.52 min Scan# 922  
Delta R.T. -0.01 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 33.4  | 27.3  | 40.9  |
| 71      | 32.0  | 25.5  | 38.3  |

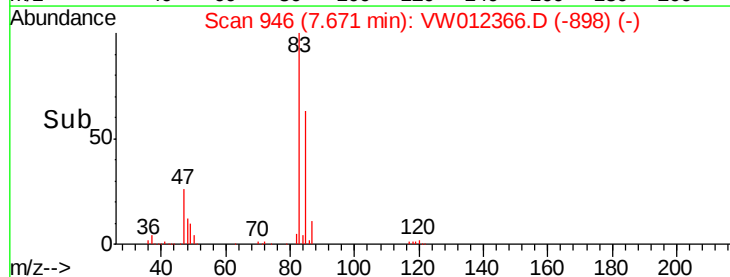
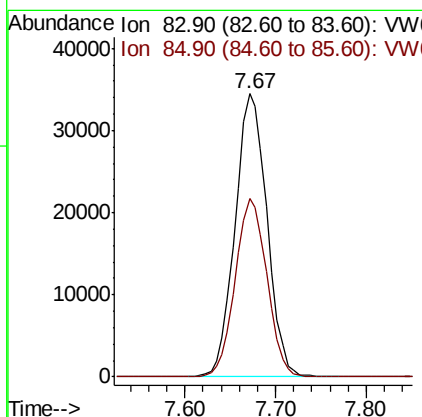
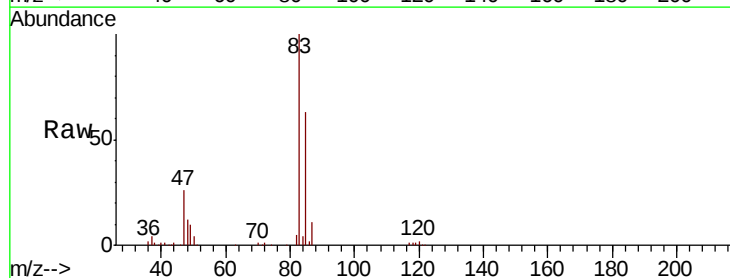
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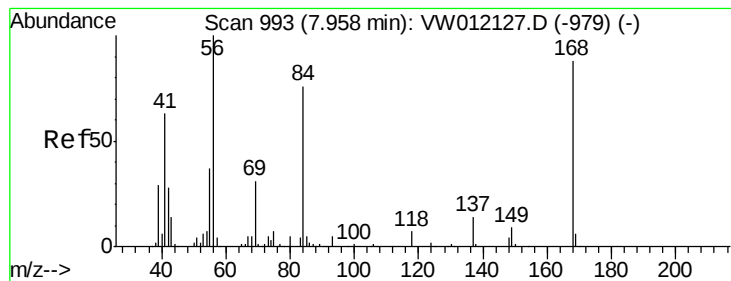
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#30  
Chloroform  
Concen: 22.863 ug/l  
RT: 7.67 min Scan# 946  
Delta R.T. -0.01 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.0  | 50.6  | 76.0  |





#31

Cyclohexane

Concen: 18.089 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 56 Resp: 71880

Ion Ratio Lower Upper

56 100

69 37.6 24.9 37.3#

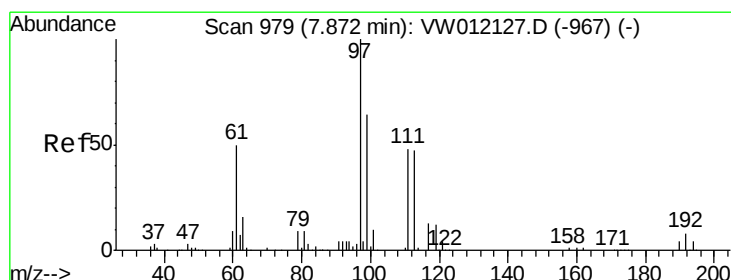
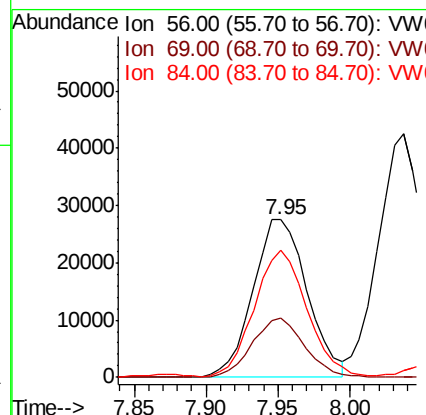
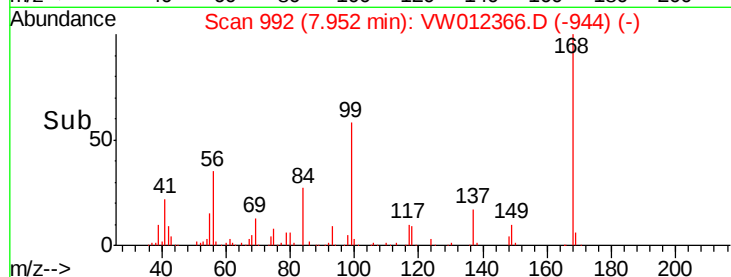
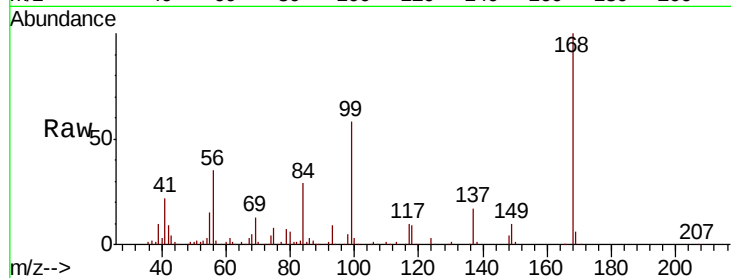
84 79.7 60.6 90.8

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#32

1,1,1-Trichloroethane

Concen: 21.402 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

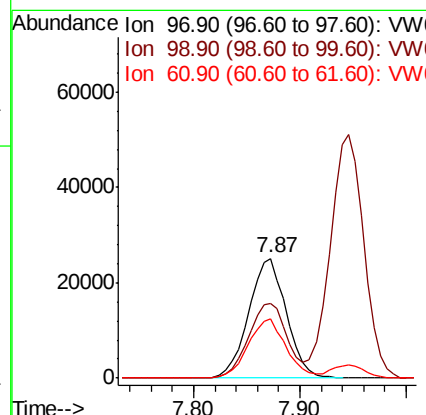
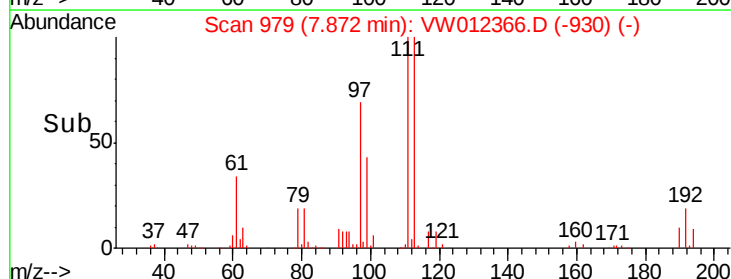
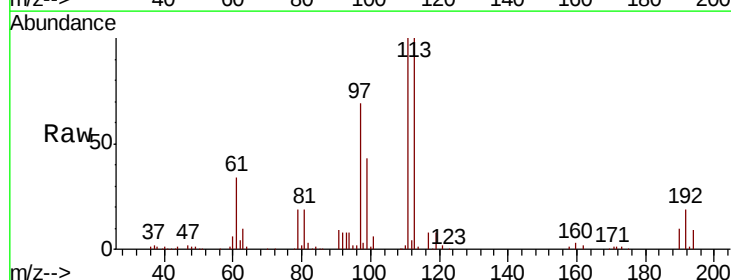
Tgt Ion: 97 Resp: 62215

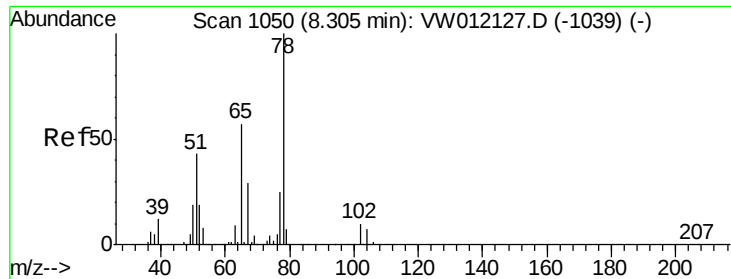
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

61 49.8 39.5 59.3





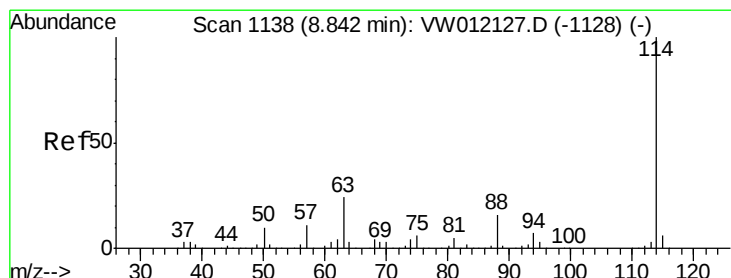
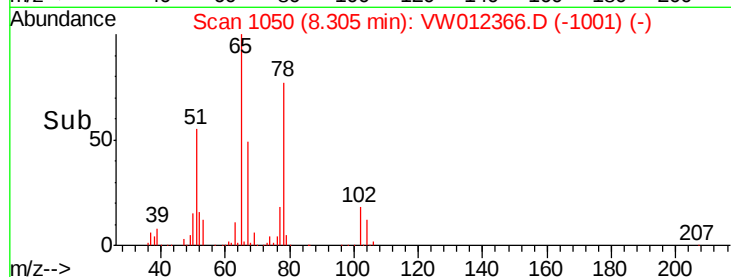
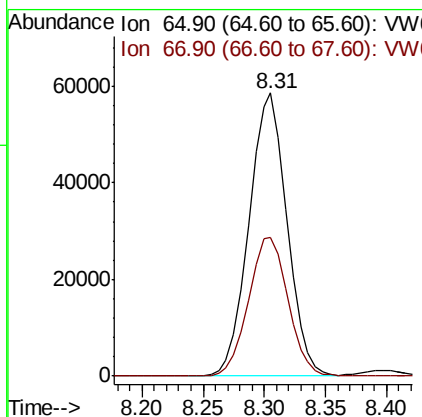
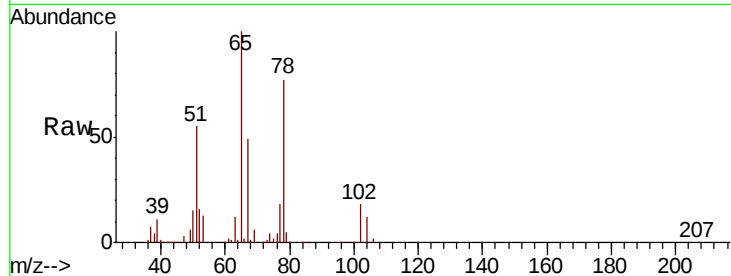
#33  
 1,2-Dichloroethane-d4  
 Concen: 57.476 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: VW012366.D  
 Acq: 30 Aug 2019 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 126803 |       |       |
| 67      | 50.9  | 0.0    | 102.6 |       |

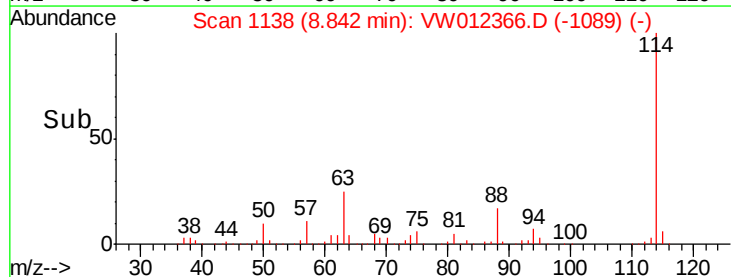
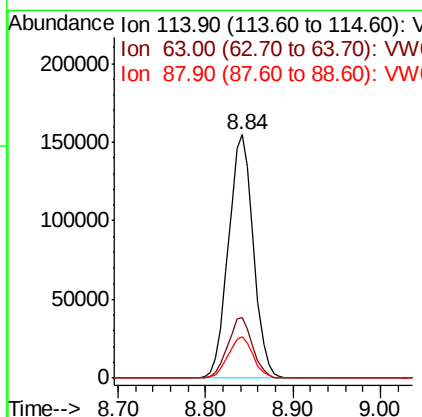
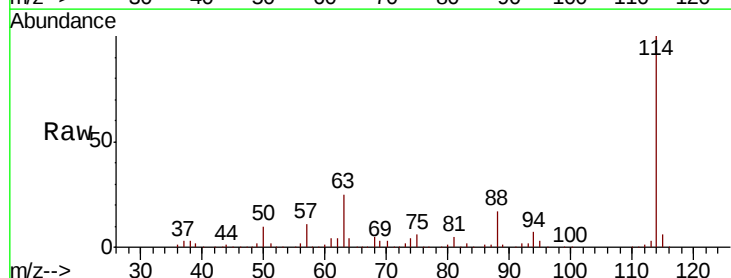
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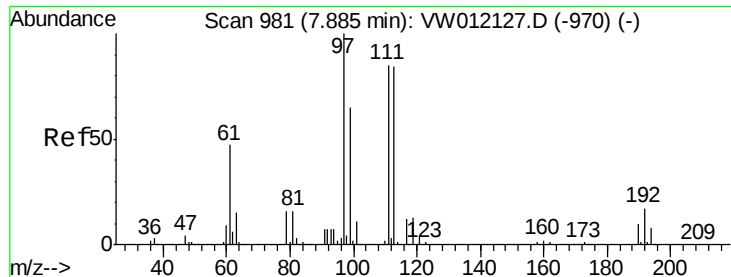
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VW012366.D  
 Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 305970 |       |       |
| 63      | 24.6  | 0.0    | 48.6  |       |
| 88      | 16.9  | 0.0    | 32.2  |       |





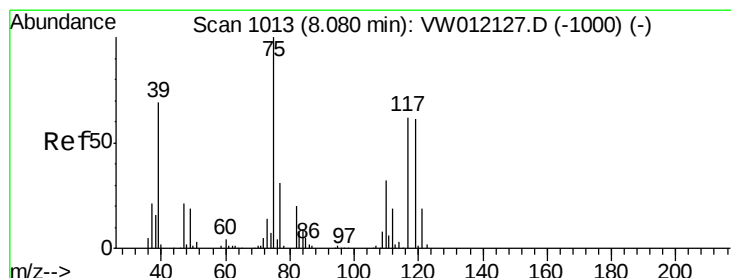
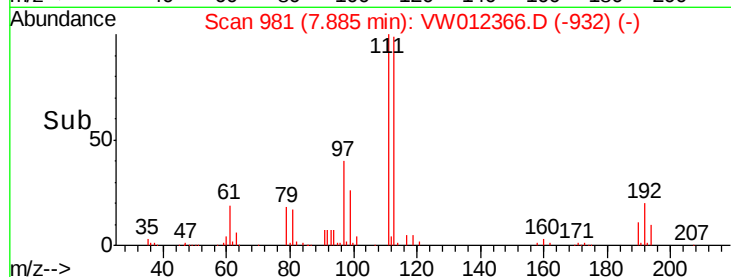
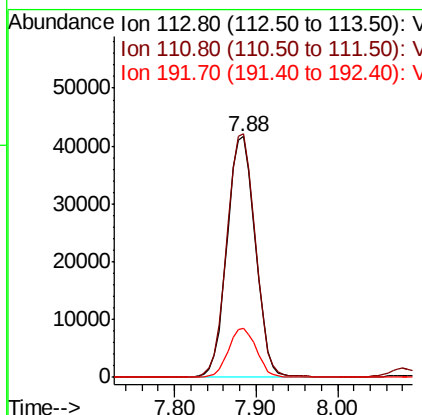
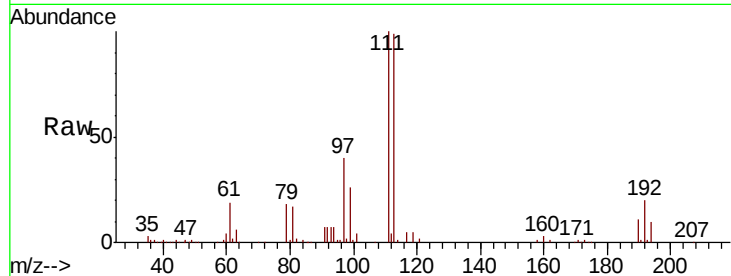
#35  
 Dibromofluoromethane  
 Concen: 54.421 ug/l  
 RT: 7.88 min Scan# 981  
 Delta R.T. 0.00 min  
 Lab File: VW012366.D  
 Acq: 30 Aug 2019 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBS02

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 113     | 100   |      |       |       |
| 111     | 101.7 | 82.7 | 124.1 |       |
| 192     | 20.1  | 16.2 | 24.2  |       |

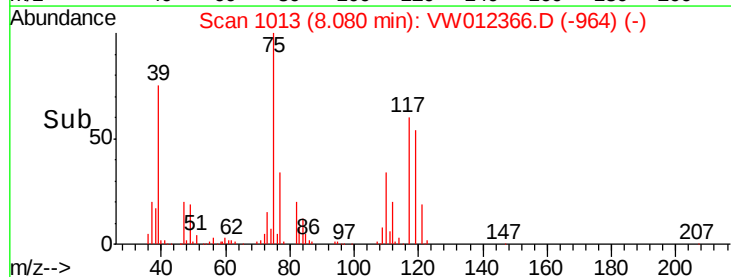
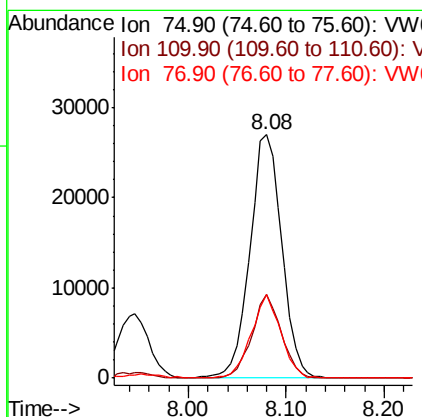
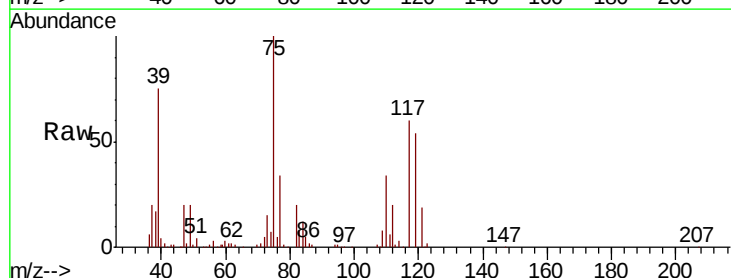
Manual Integrations  
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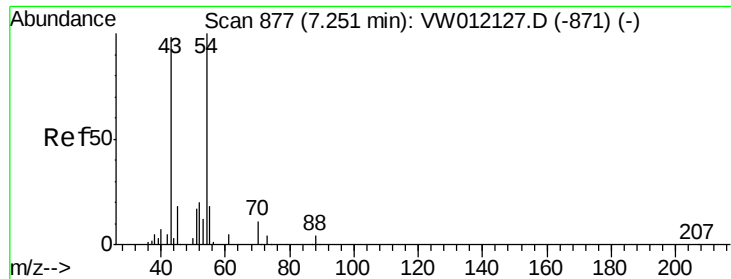
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#36  
 1,1-Dichloropropene  
 Concen: 19.377 ug/l  
 RT: 8.08 min Scan# 1013  
 Delta R.T. 0.00 min  
 Lab File: VW012366.D  
 Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 75      | 100   |      |       |       |
| 110     | 31.9  | 15.6 | 46.8  |       |
| 77      | 32.0  | 24.6 | 36.8  |       |





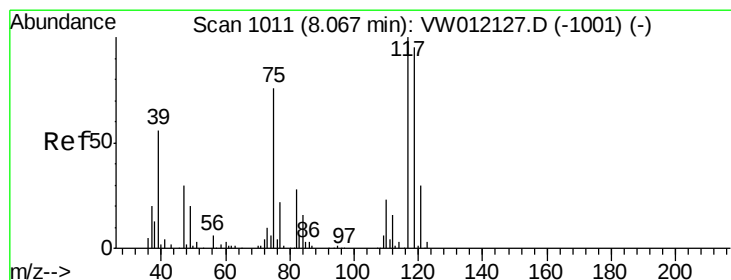
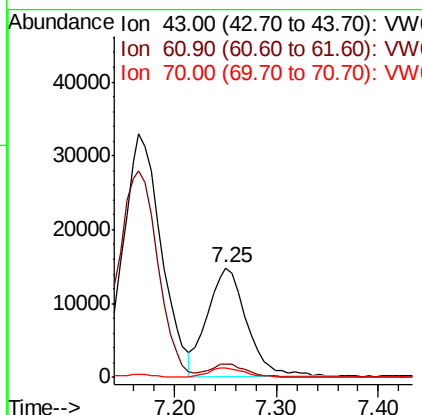
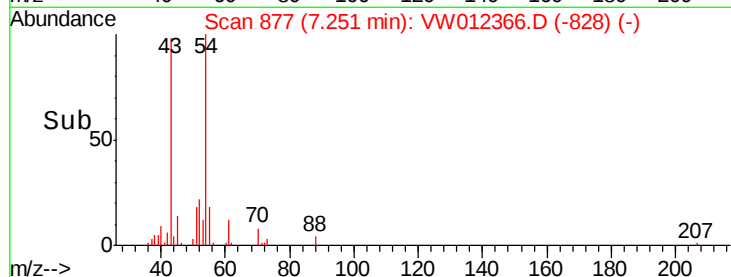
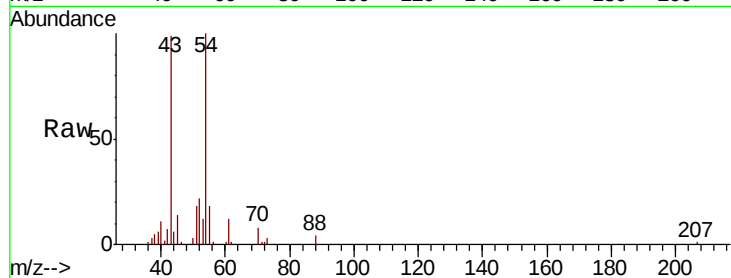
#37  
Ethyl Acetate  
Concen: 22.474 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 11.7  | 9.2   | 13.8  |
| 70      | 8.7   | 6.9   | 10.3  |

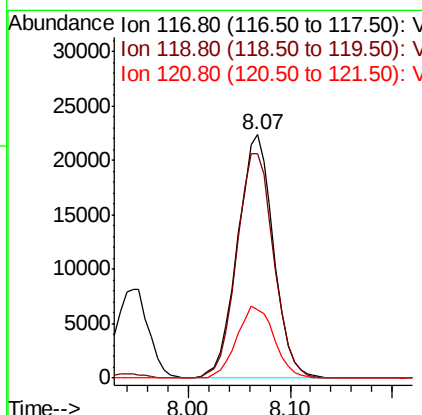
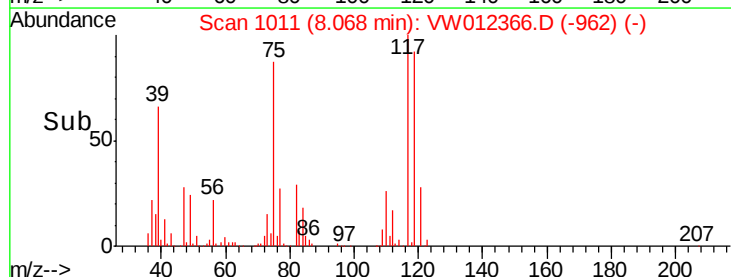
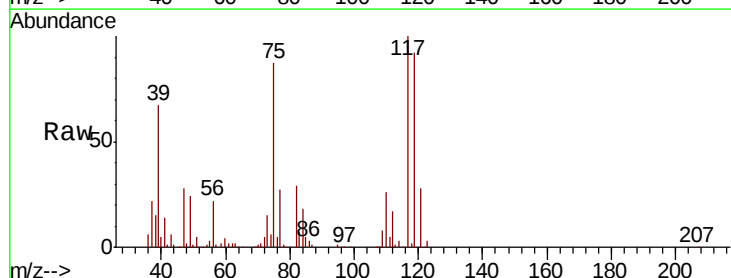
Manual Integrations  
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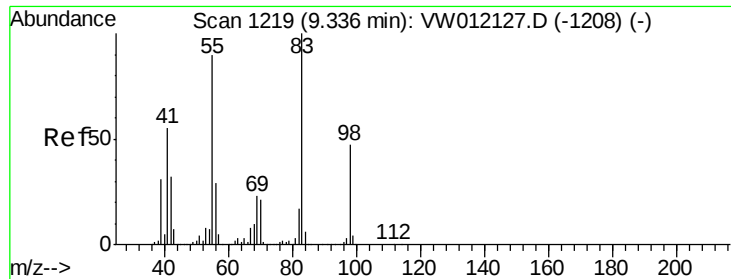
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#38  
Carbon Tetrachloride  
Concen: 20.003 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 91.9  | 76.2  | 114.2 |
| 121     | 28.3  | 23.8  | 35.8  |





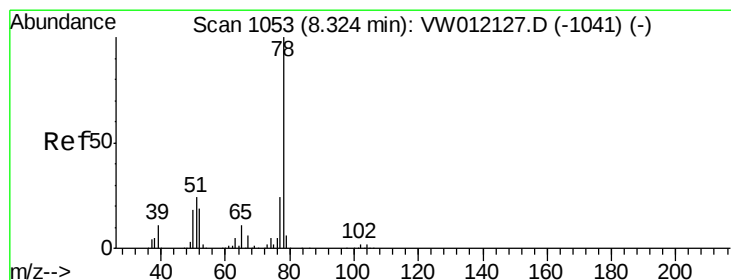
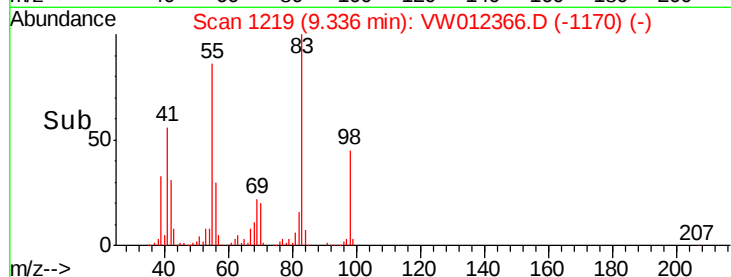
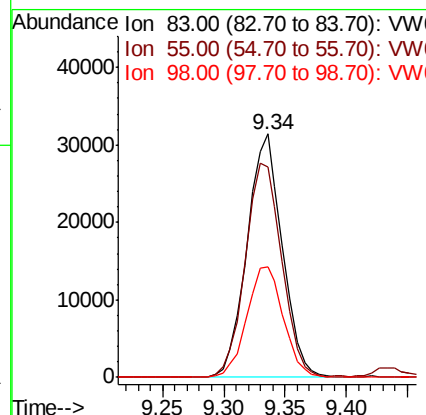
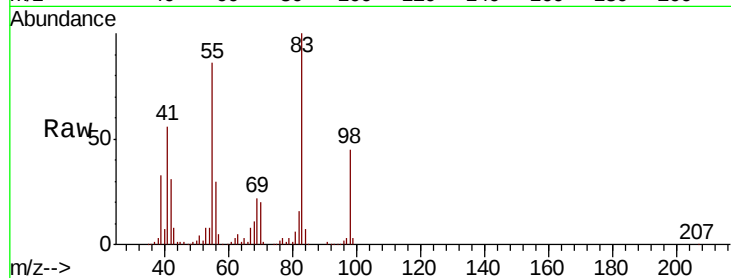
#39  
Methvlcvclohexane  
Concen: 17.682 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 86.3  | 71.8  | 107.8 |
| 98      | 45.2  | 37.8  | 56.8  |

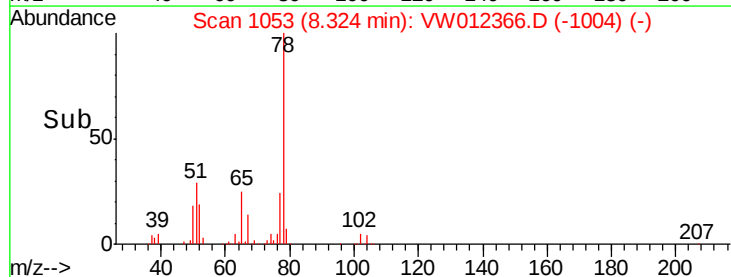
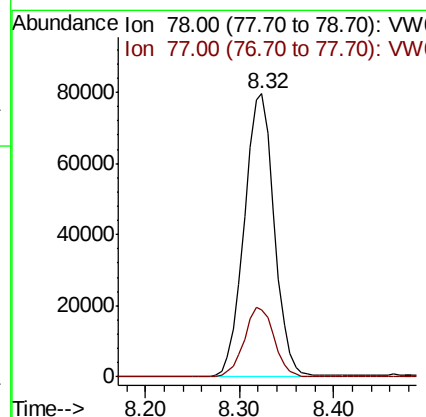
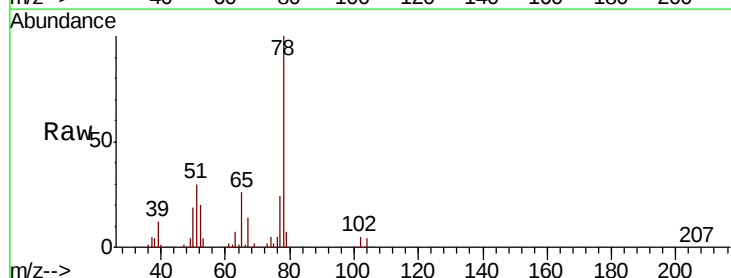
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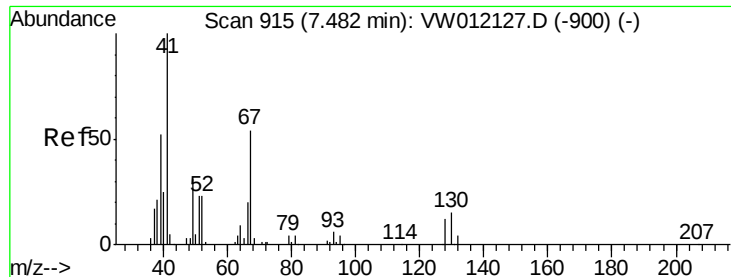
MMDadoda  
8/31/2019 9:11:46 AM



#40  
Benzene  
Concen: 20.660 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.9  | 19.5  | 29.3  |





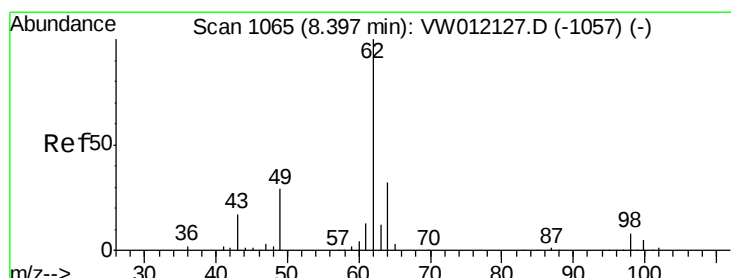
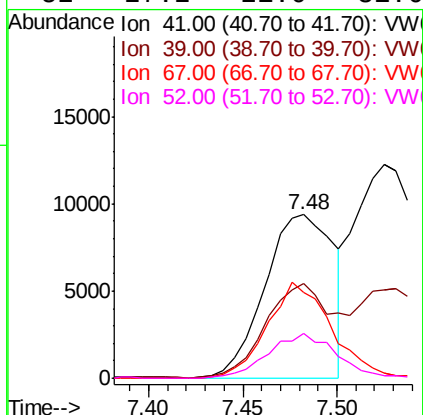
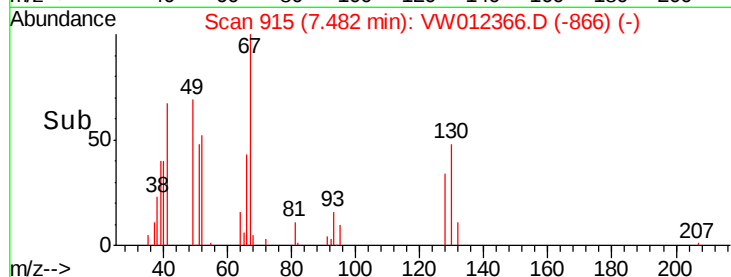
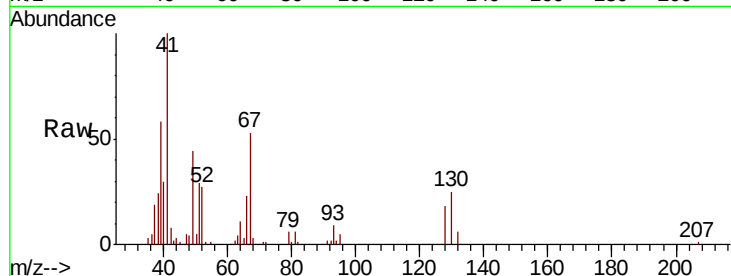
#41  
Methacrylonitrile  
Concen: 23.440 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | 41    | Resp  | 23870 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 59.8  | 45.8  | 68.8  |
| 67      | 55.2  | 46.2  | 69.4  |
| 52      | 27.2  | 21.0  | 31.6  |

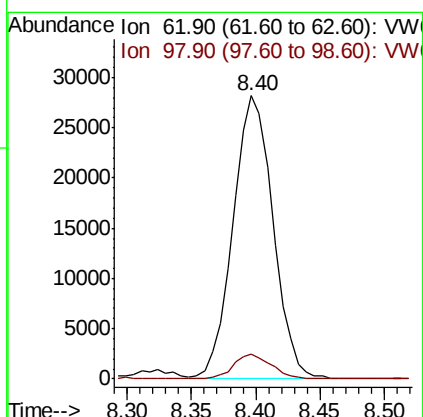
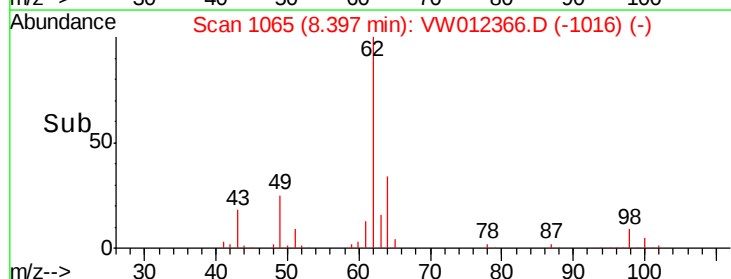
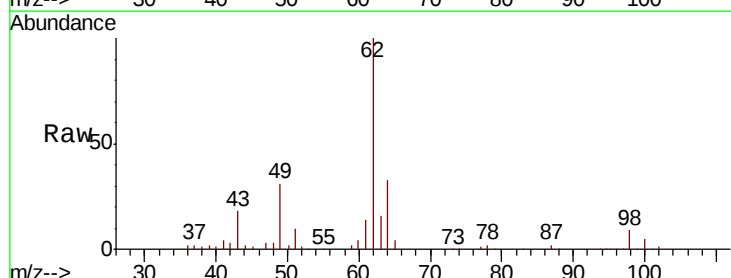
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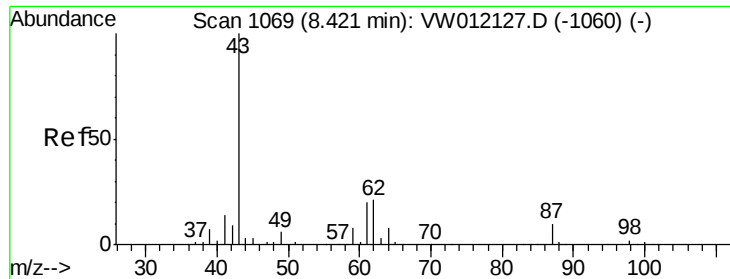
MMDadoda  
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#42  
1,2-Dichloroethane  
Concen: 22.497 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

| Tgt Ion | 62    | Resp  | 60875 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 62      | 100   |       |       |
| 98      | 8.4   | 0.0   | 16.6  |





#43

Isopropyl Acetate

Concen: 22.706 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 43 Resp: 72873

Ion Ratio Lower Upper

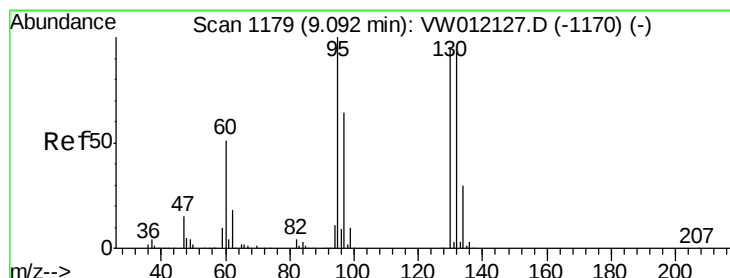
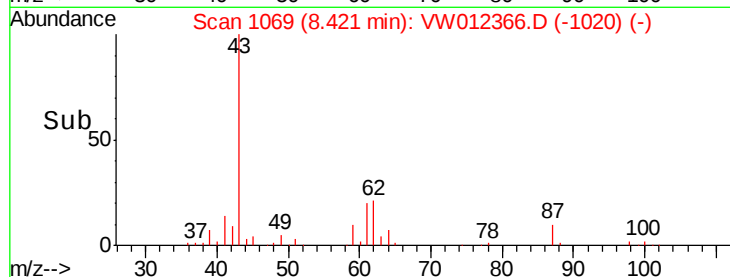
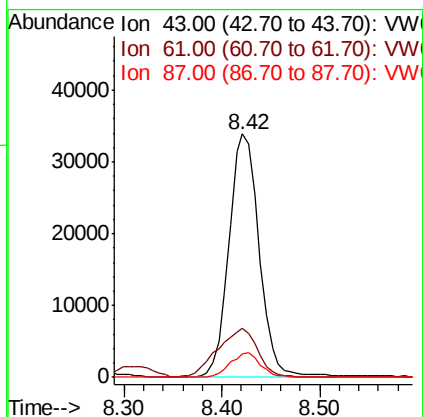
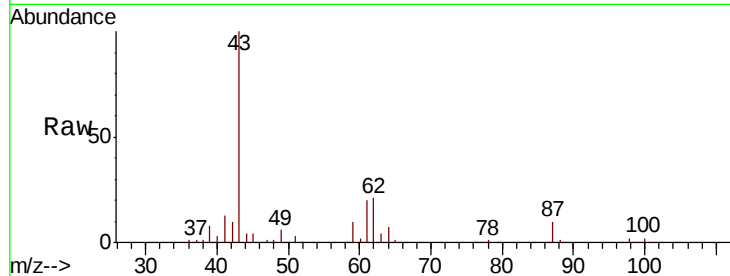
43 100

61 26.7 21.1 31.7

87 10.1 8.2 12.2

Manual Integrations  
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#44

Trichloroethene

Concen: 20.443 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW012366.D

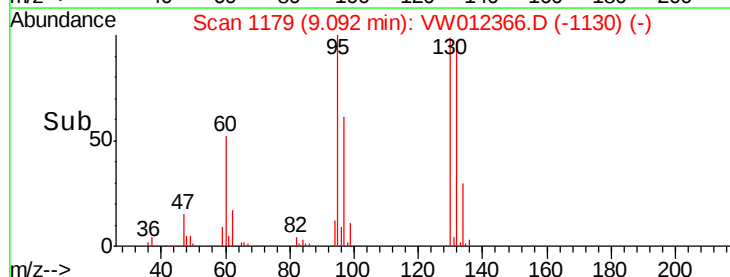
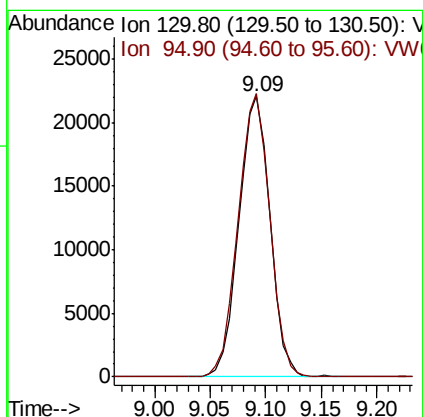
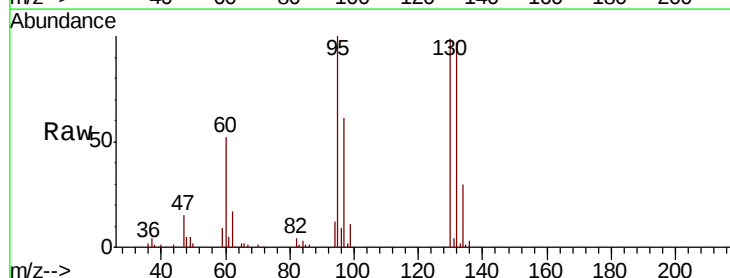
Acq: 30 Aug 2019 23:28

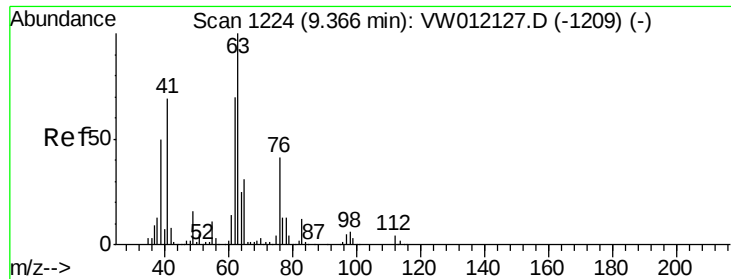
Tgt Ion: 130 Resp: 42906

Ion Ratio Lower Upper

130 100

95 101.0 0.0 210.6





#45

1,2-Dichloropropane

Concen: 21.913 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 63 Resp: 50916

Ion Ratio Lower Upper

63 100

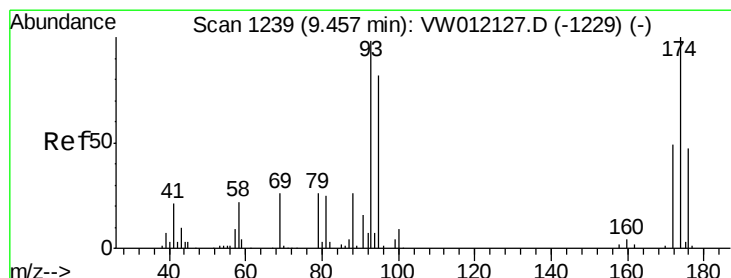
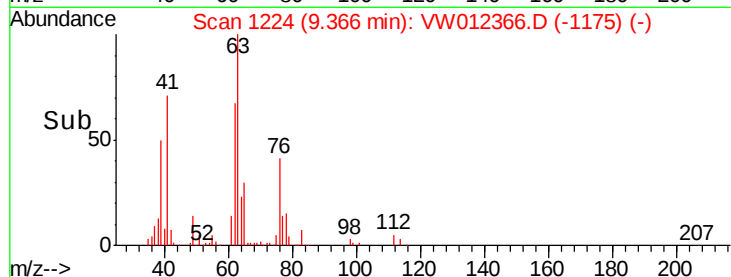
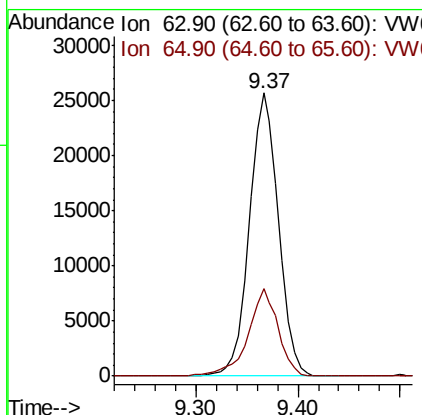
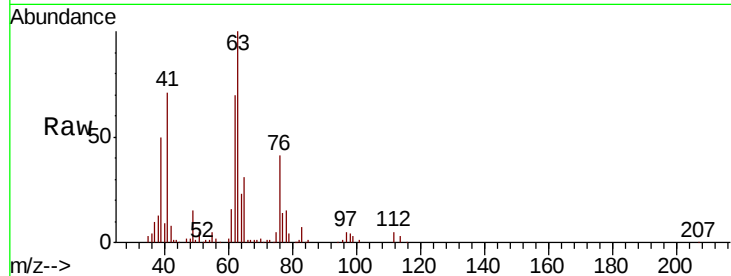
65 30.7 25.0 37.4

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#46

Dibromomethane

Concen: 22.093 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

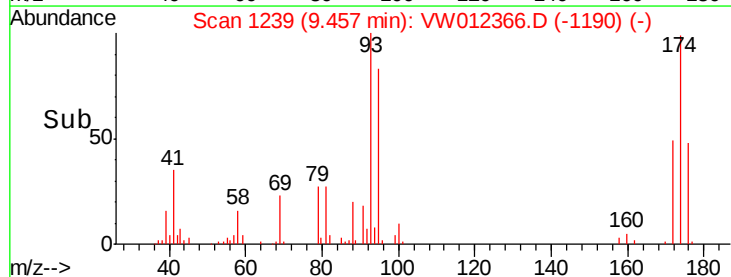
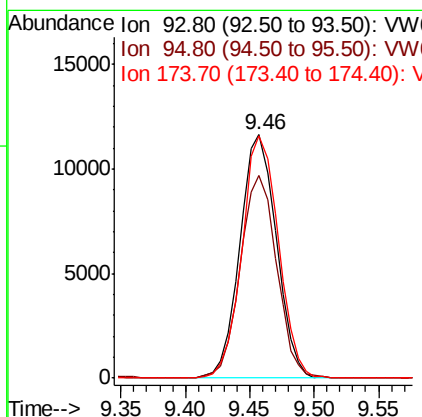
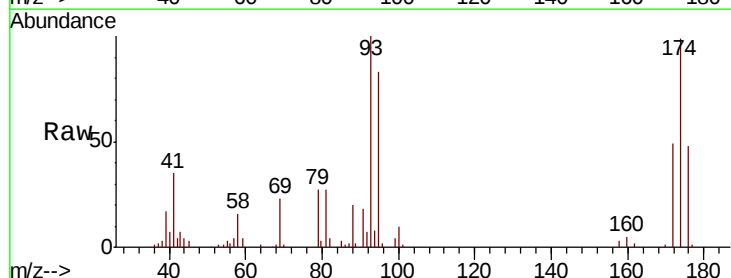
Tgt Ion: 93 Resp: 22840

Ion Ratio Lower Upper

93 100

95 82.9 67.2 100.8

174 99.3 79.0 118.6





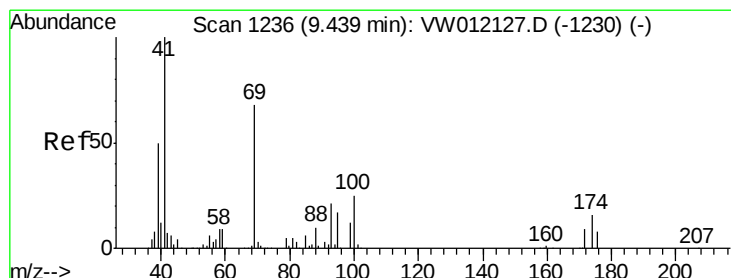
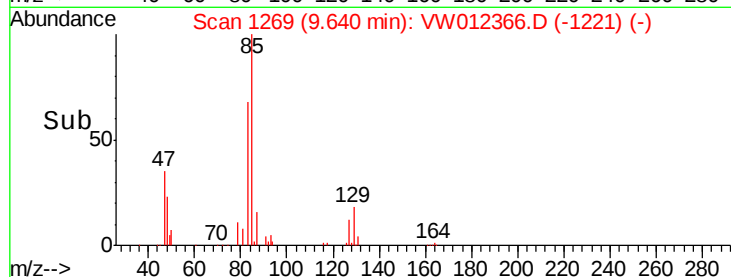
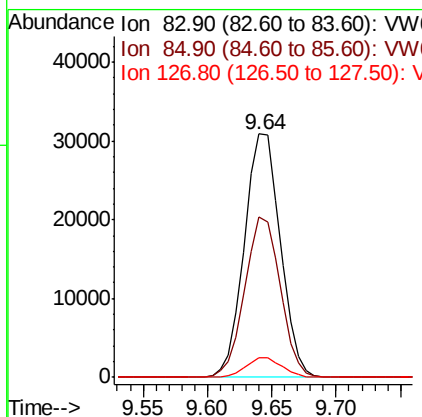
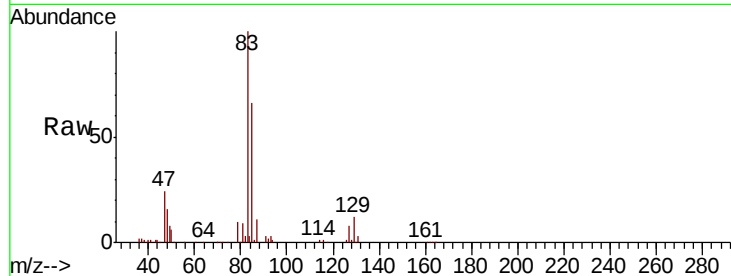
#47  
 Bromodichloromethane  
 Concen: 21.718 ug/l  
 RT: 9.64 min Scan# 1269  
 Delta R.T. -0.01 min  
 Lab File: VW012366.D  
 Acq: 30 Aug 2019 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBS02

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 83      | 100   | 59756 |       |       |
| 85      | 65.8  |       | 49.4  | 74.2  |
| 127     | 8.0   |       | 6.1   | 9.1   |

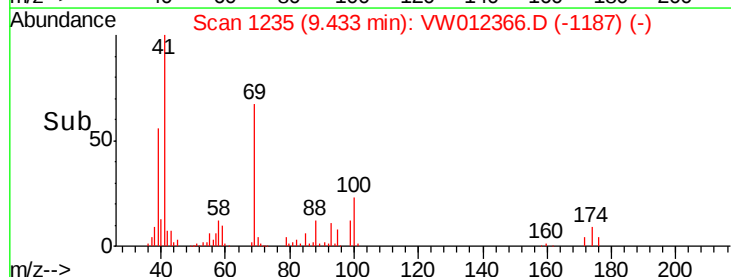
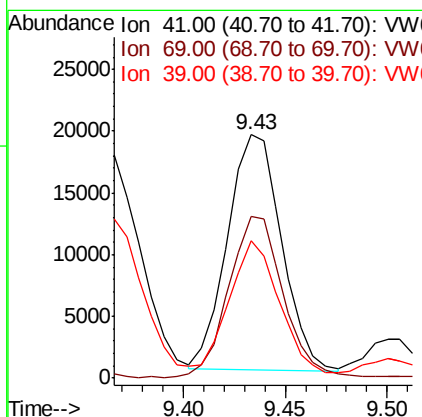
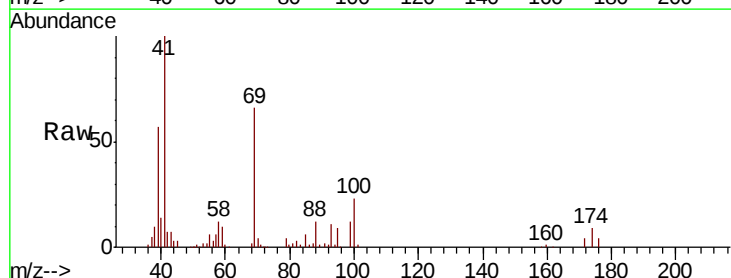
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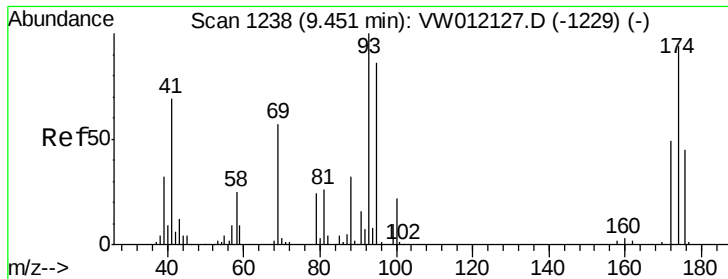
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#48  
 Methyl methacrylate  
 Concen: 22.924 ug/l  
 RT: 9.43 min Scan# 1235  
 Delta R.T. -0.01 min  
 Lab File: VW012366.D  
 Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 35016 |       |       |
| 69      | 69.2  |       | 56.7  | 85.1  |
| 39      | 56.5  |       | 42.0  | 63.0  |





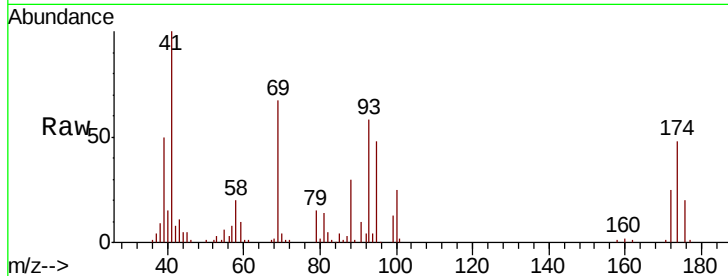
#49  
1,4-Dioxane  
Concen: 496.060 ug/l  
RT: 9.45 min Scan# 1237  
Delta R.T. -0.01 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 46.4  | 32.9  | 49.3  |
| 58      | 80.8  | 71.0  | 106.4 |

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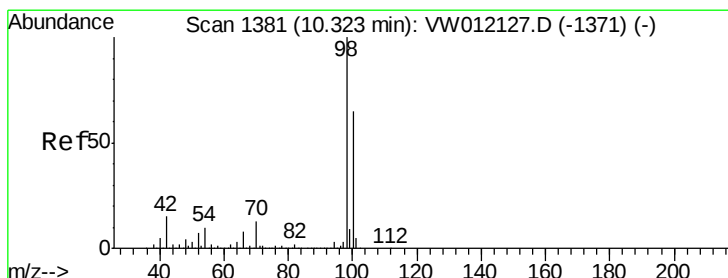
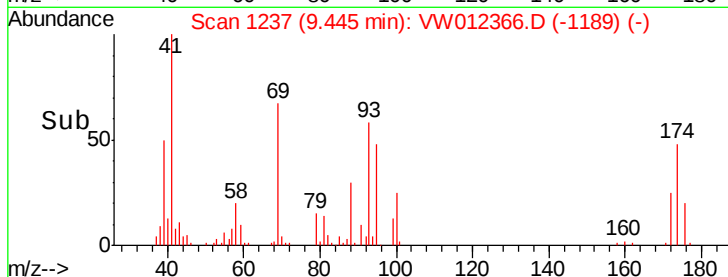
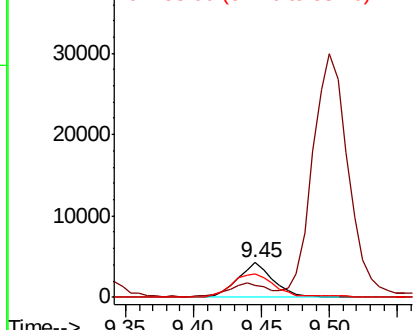


Abundance

Ion 88.00 (87.70 to 88.70): VW

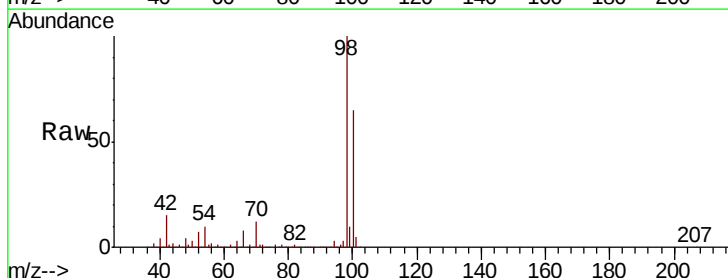
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50  
Toluene-d8  
Concen: 53.027 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

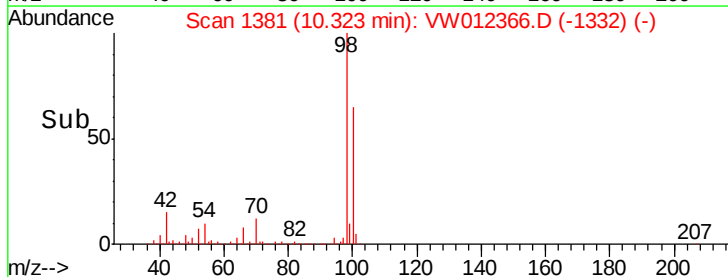
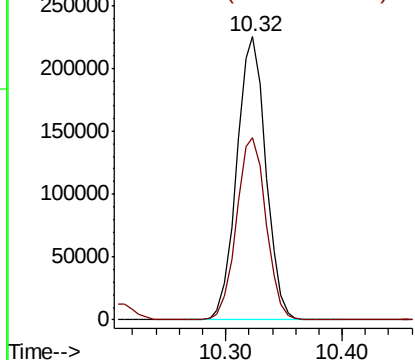
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.2  | 52.4  | 78.6  |

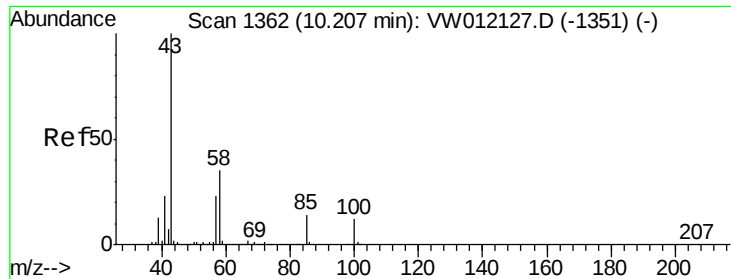


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 117.338 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 43 Resp: 191543

Ion Ratio Lower Upper

43 100

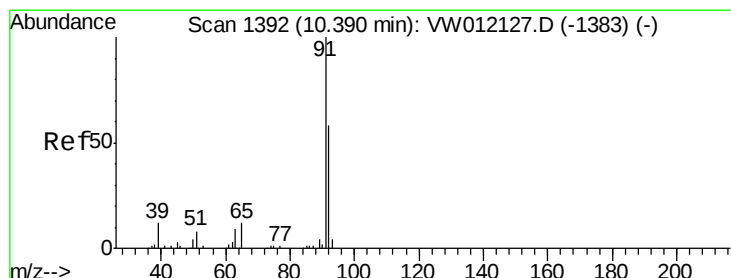
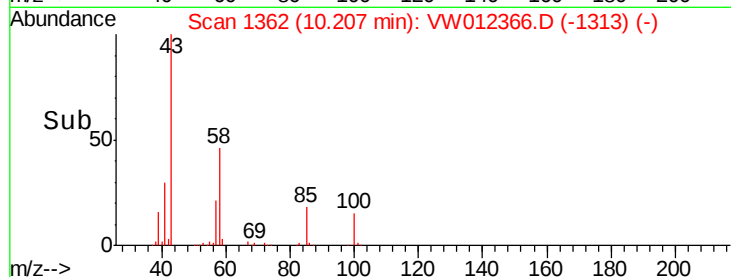
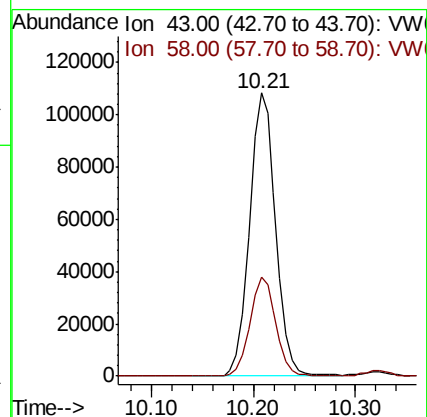
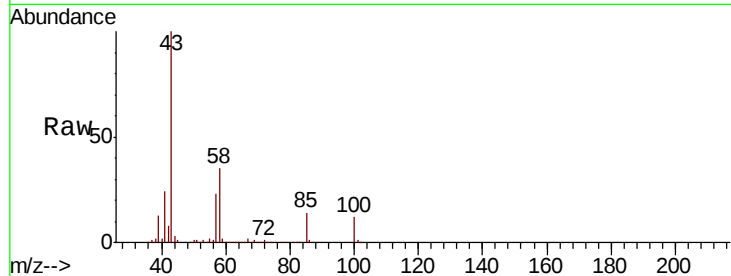
58 34.8 28.2 42.2

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#52

Toluene

Concen: 20.852 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012366.D

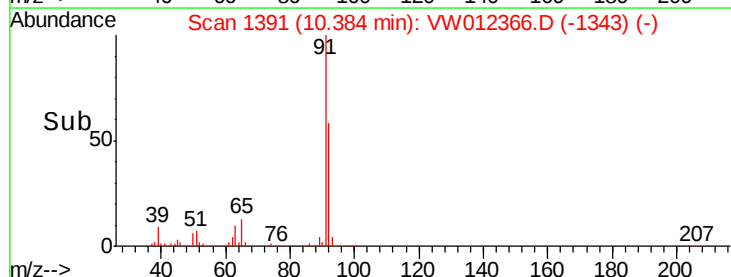
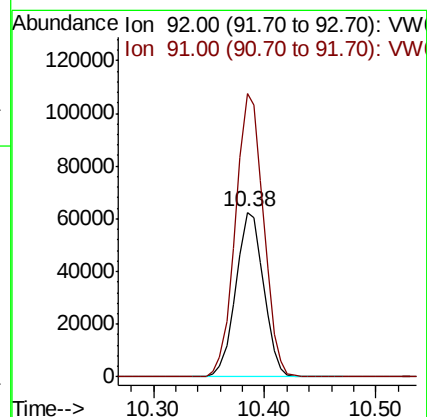
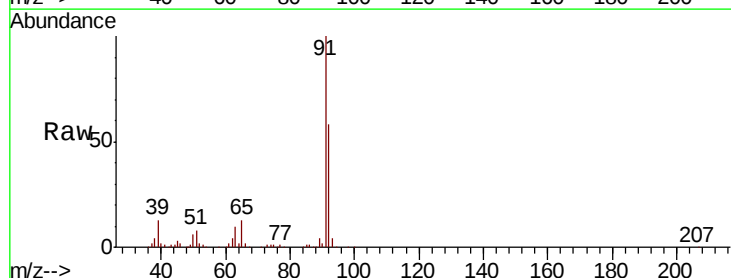
Acq: 30 Aug 2019 23:28

Tgt Ion: 92 Resp: 108153

Ion Ratio Lower Upper

92 100

91 173.7 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 21.049 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 75 Resp: 58995

Ion Ratio Lower Upper

75 100

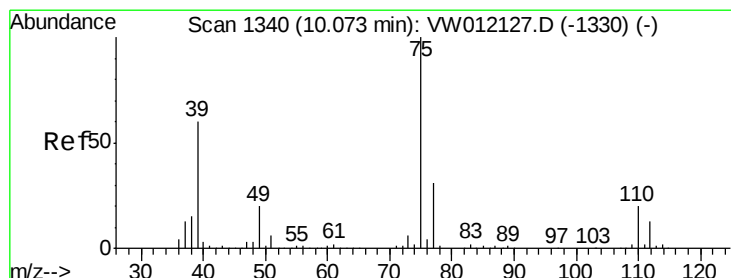
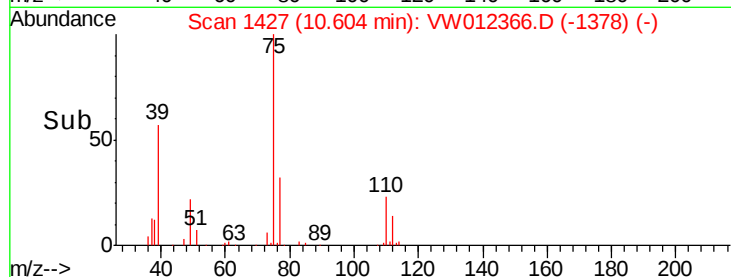
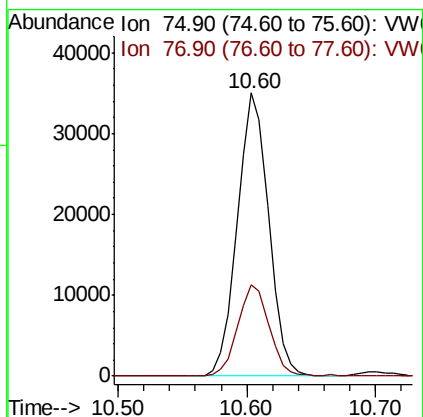
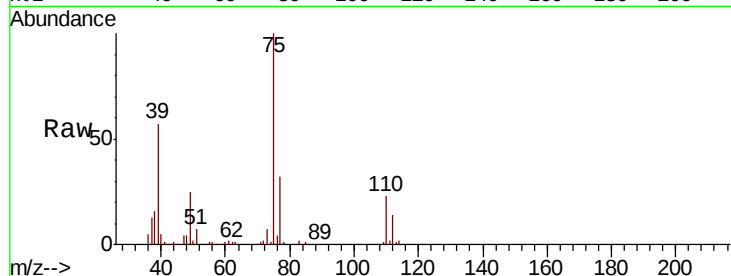
77 32.1 25.0 37.4

Manual Integrations

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8/31/2019 9:11:46 AM



#54

cis-1,3-Dichloropropene

Concen: 20.671 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

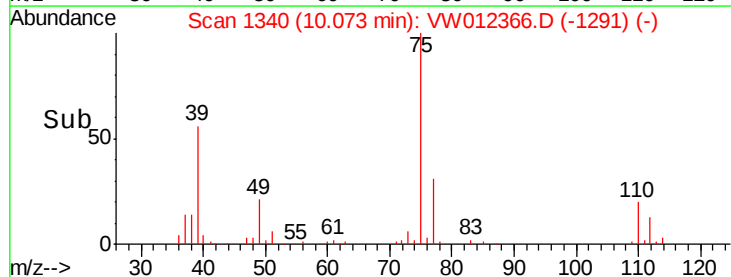
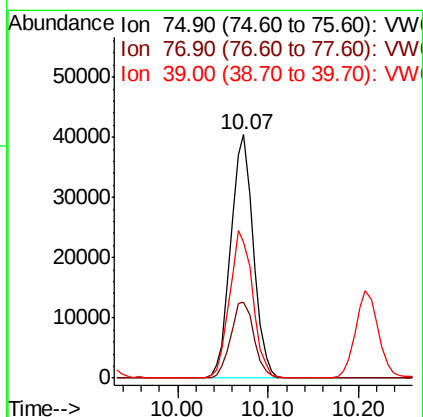
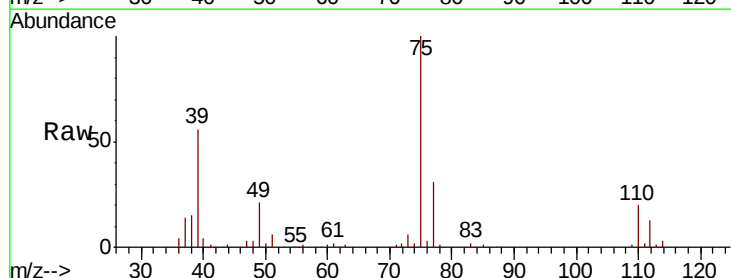
Tgt Ion: 75 Resp: 69954

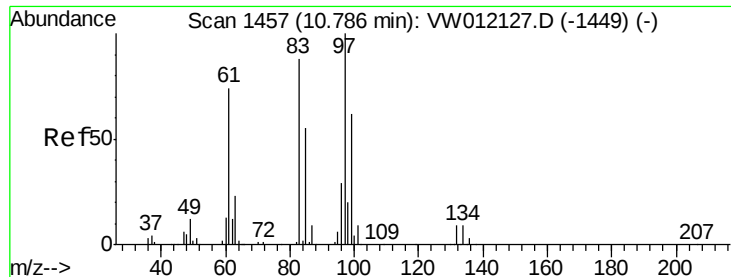
Ion Ratio Lower Upper

75 100

77 31.0 25.1 37.7

39 55.9 48.3 72.5





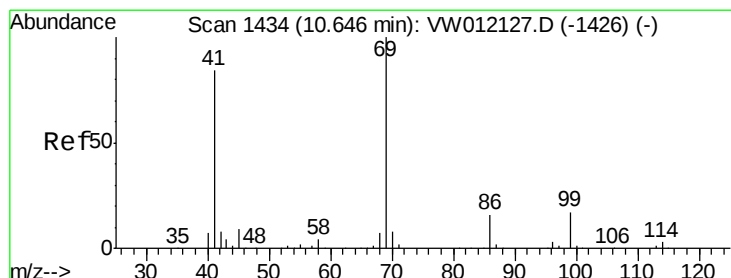
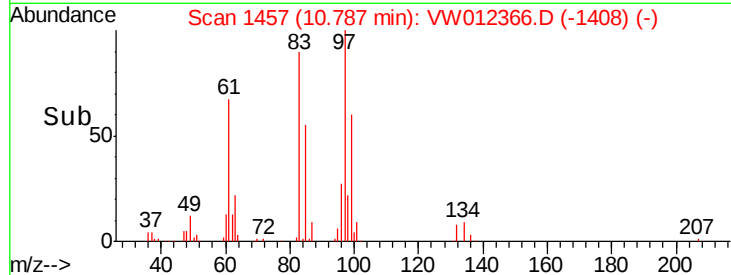
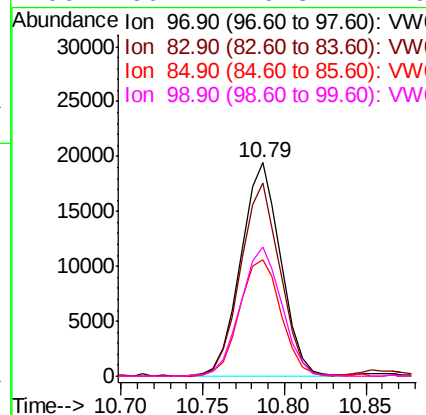
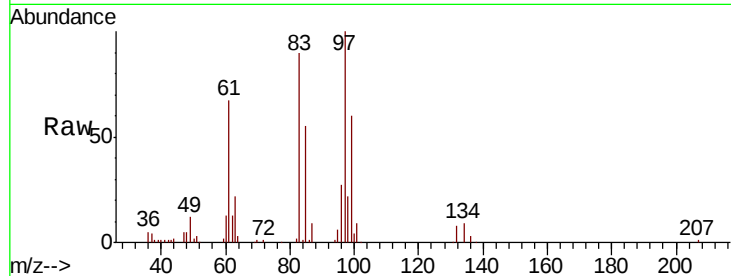
#55  
 1,1,2-Trichloroethane  
 Concen: 22.675 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. 0.00 min  
 Lab File: VW012366.D  
 Acq: 30 Aug 2019 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 33168 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 90.0  | 70.8  | 106.2 |
| 85       | 54.8  | 43.8  | 65.8  |
| 99       | 60.4  | 49.8  | 74.6  |

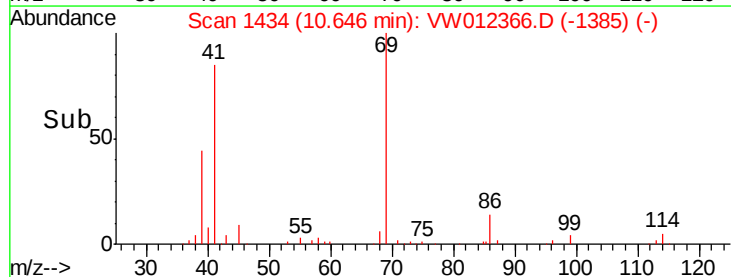
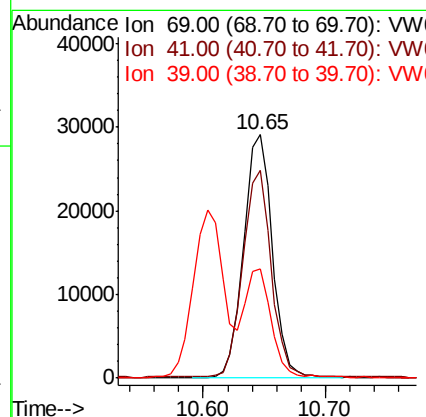
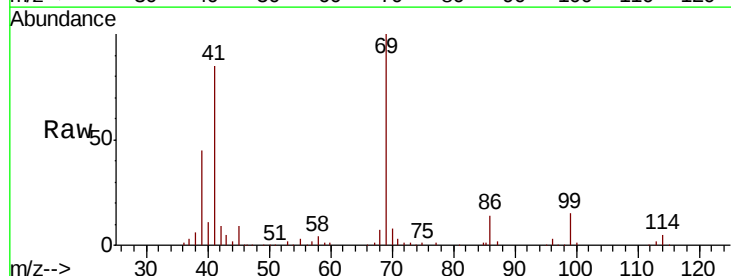
Manual Integrations  
 APPROVED

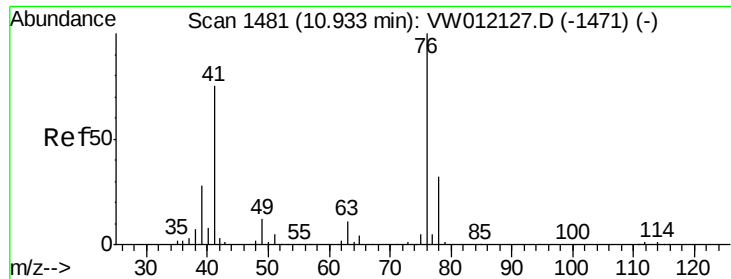
MMDadoda  
 8/31/2019 9:11:46 AM



#56  
 Ethyl methacrylate  
 Concen: 22.333 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VW012366.D  
 Acq: 30 Aug 2019 23:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 47544 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 82.7  | 66.5  | 99.7  |
| 39       | 39.8  | 31.0  | 46.4  |





#57

1,3-Dichloropropane

Concen: 22.630 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 76 Resp: 62553

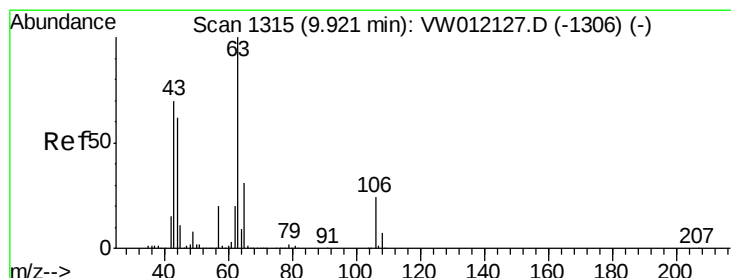
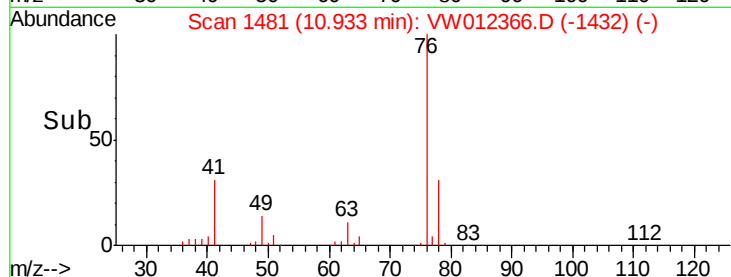
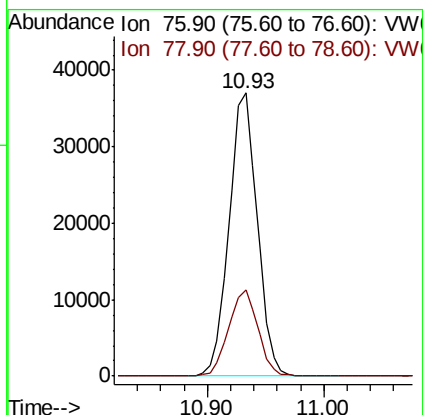
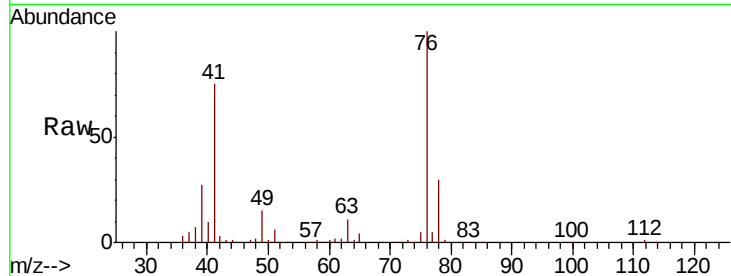
Ion Ratio Lower Upper

76 100

78 31.6 25.8 38.8

Manual Integrations  
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#58

2-Chloroethyl Vinyl ether

Concen: 109.756 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW012366.D

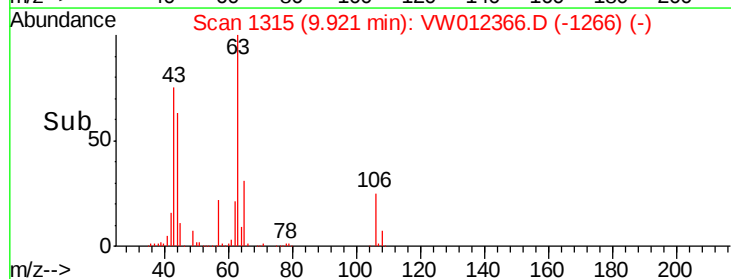
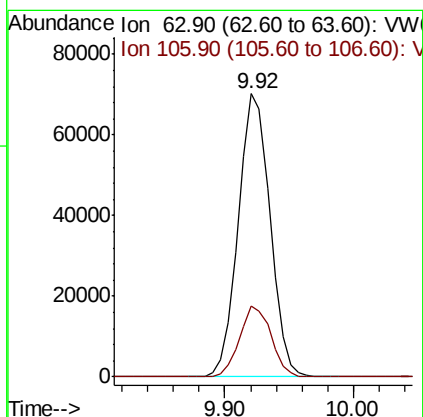
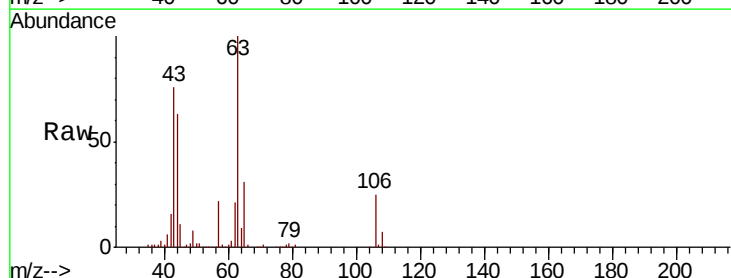
Acq: 30 Aug 2019 23:28

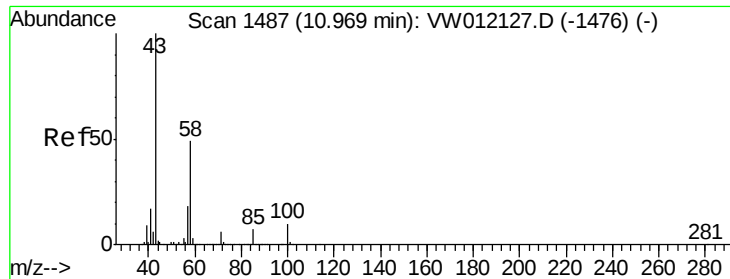
Tgt Ion: 63 Resp: 119918

Ion Ratio Lower Upper

63 100

106 24.7 19.8 29.8





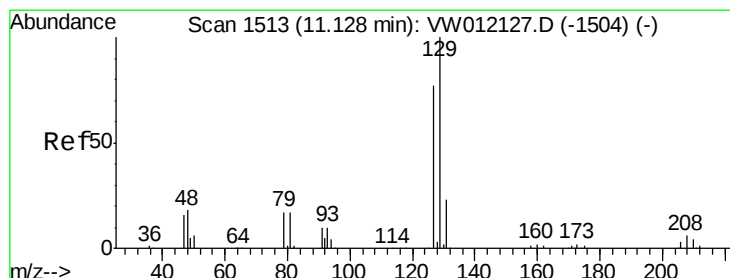
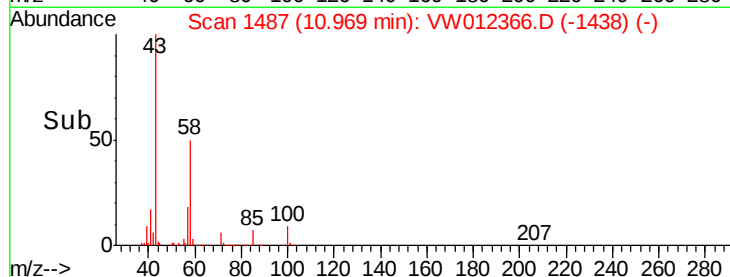
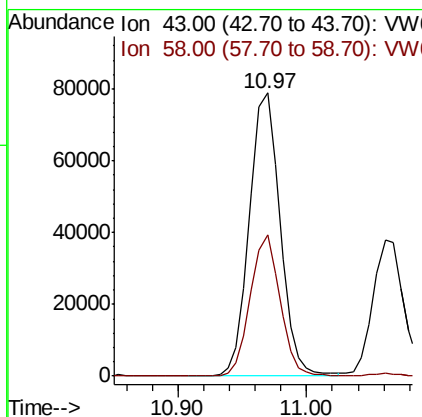
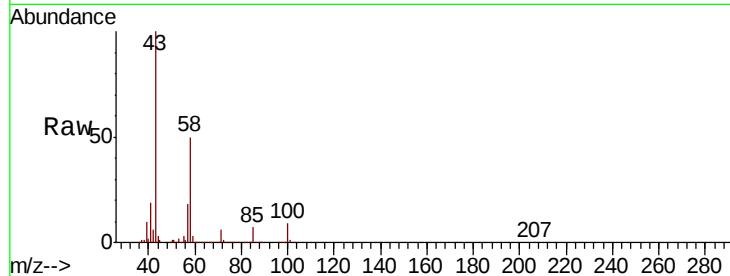
#59  
2-Hexanone  
Concen: 112.618 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 48.3  | 24.3  | 72.9  |

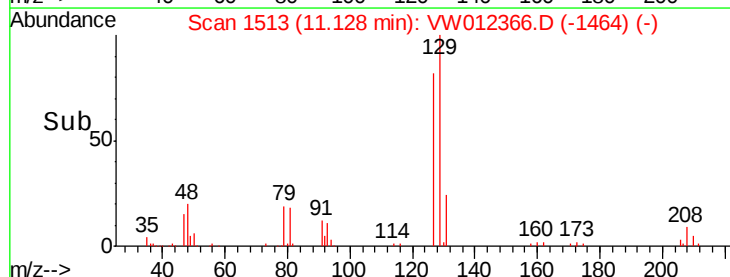
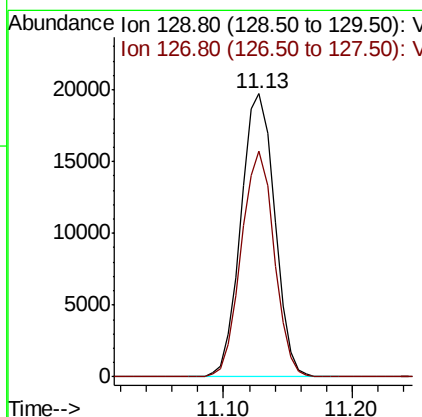
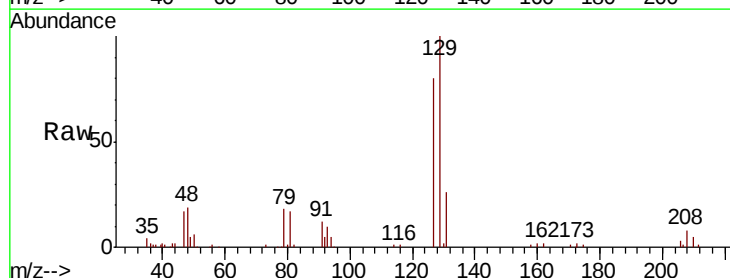
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#60  
Dibromochloromethane  
Concen: 21.994 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 77.5  | 38.6  | 115.8 |





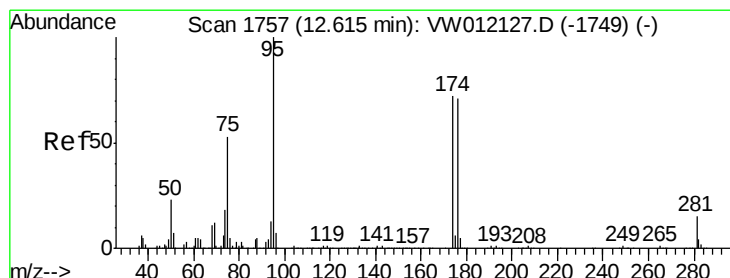
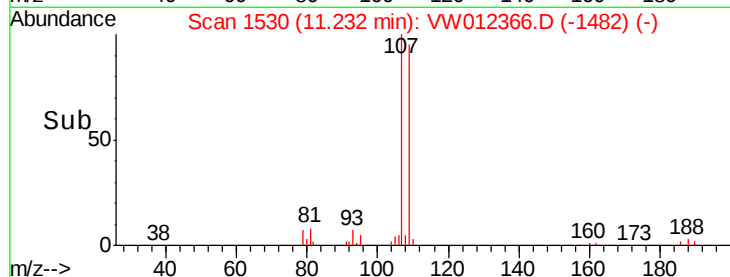
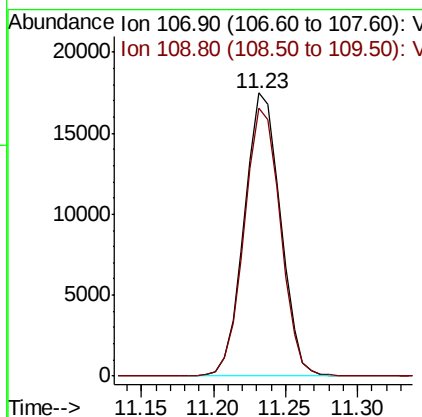
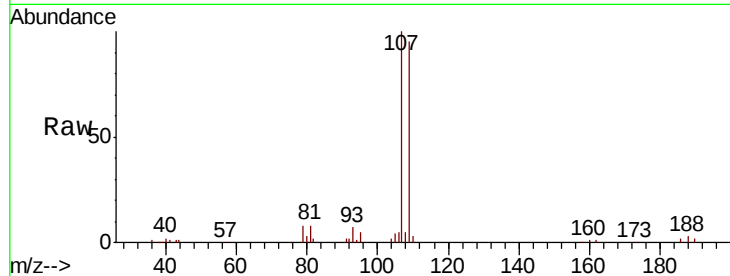
#61  
 1,2-Dibromoethane  
 Concen: 22.334 ug/l  
 RT: 11.23 min Scan# 1530  
 Delta R.T. -0.01 min  
 Lab File: VW012366.D  
 Acq: 30 Aug 2019 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 95.0  | 75.4  | 113.2 |

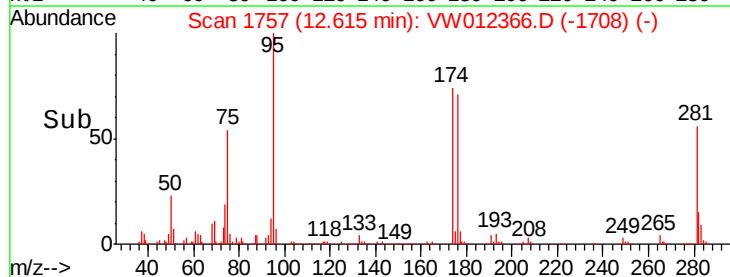
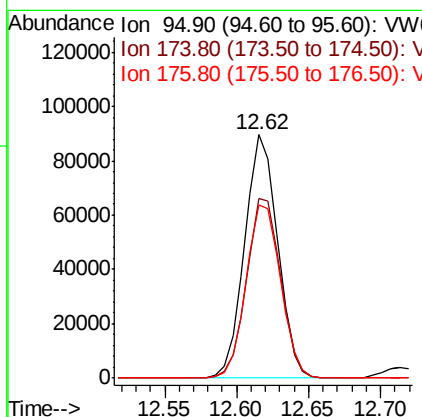
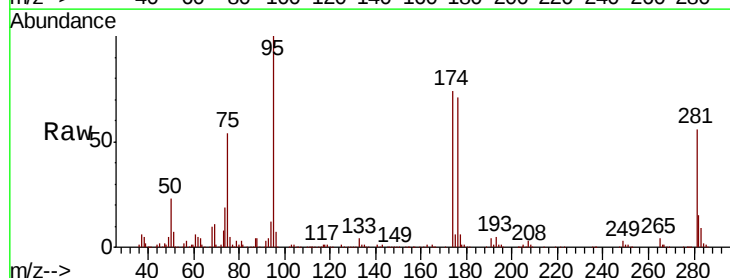
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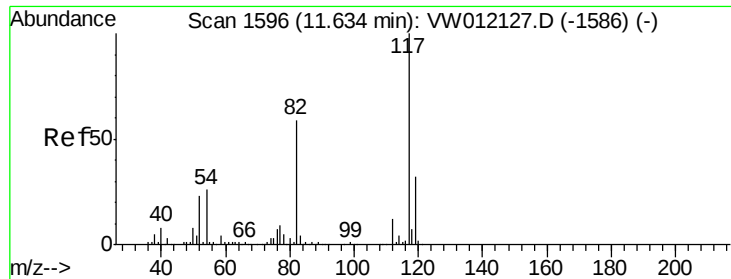
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#62  
 4-Bromofluorobenzene  
 Concen: 54.414 ug/l  
 RT: 12.62 min Scan# 1757  
 Delta R.T. 0.00 min  
 Lab File: VW012366.D  
 Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 75.8  | 0.0   | 150.8 |
| 176     | 74.4  | 0.0   | 148.6 |





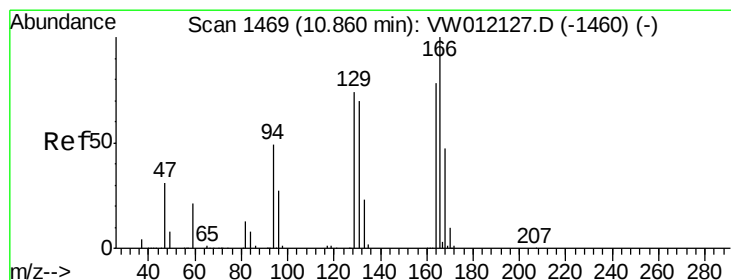
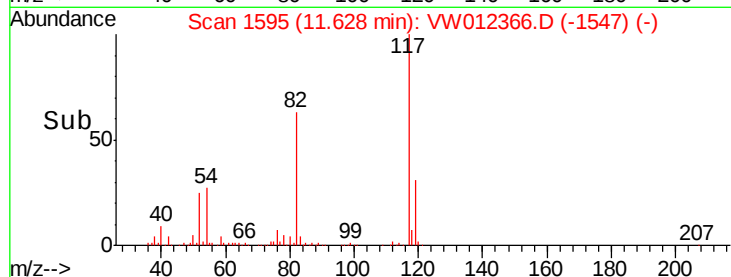
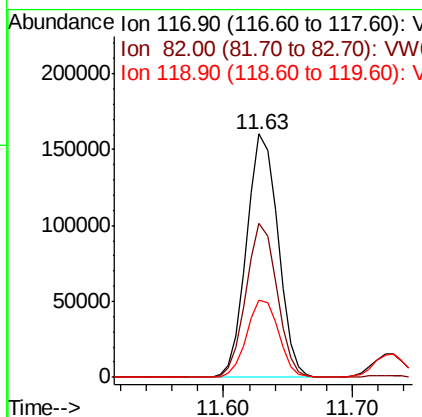
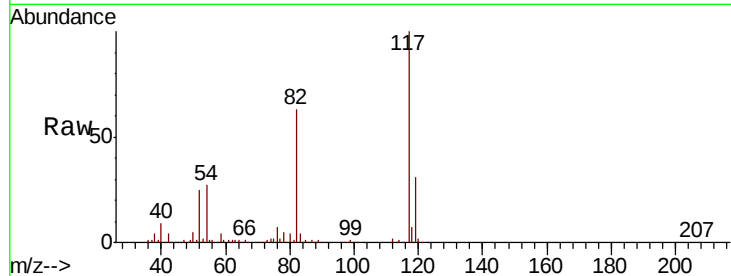
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1595  
Delta R.T. -0.01 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 270483 |       |       |
| 82      | 63.1  |        | 47.4  | 71.2  |
| 119     | 31.5  |        | 25.4  | 38.2  |

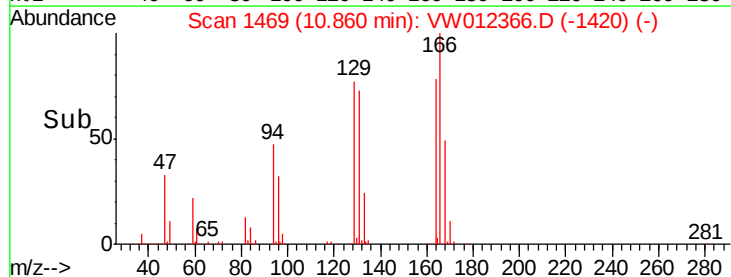
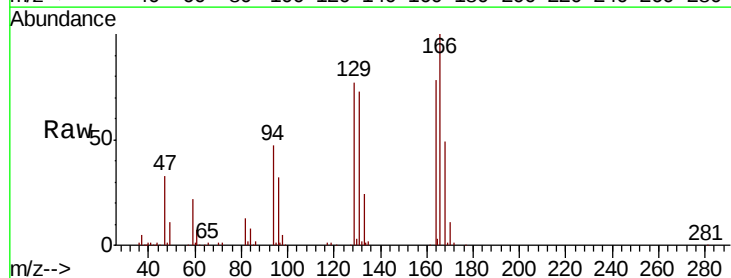
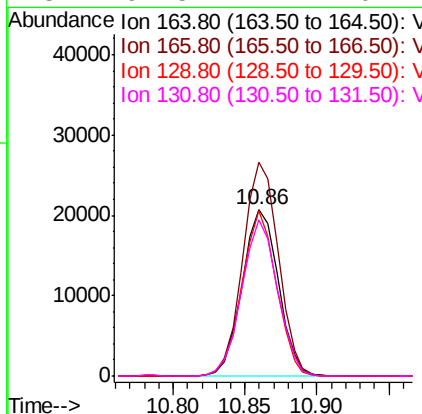
Manual Integrations  
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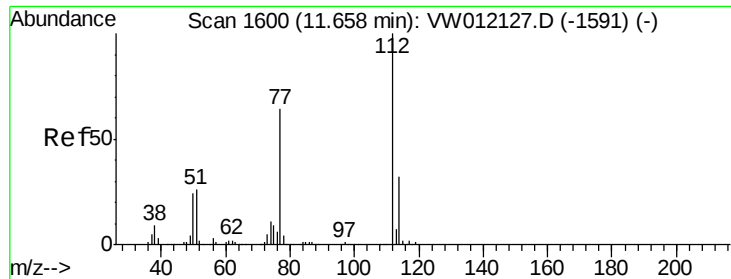
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#64  
Tetrachloroethene  
Concen: 20.666 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 36241 |       |       |
| 166     | 128.8 |       | 102.4 | 153.6 |
| 129     | 99.2  |       | 75.8  | 113.6 |
| 131     | 94.5  |       | 71.4  | 107.2 |





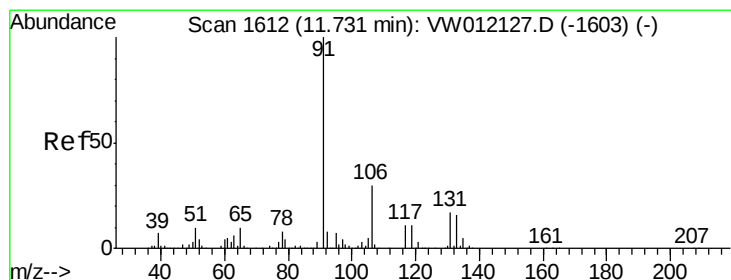
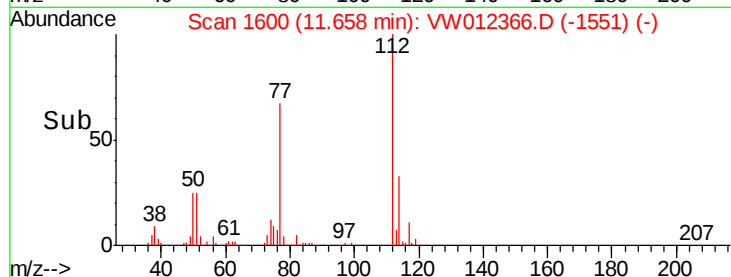
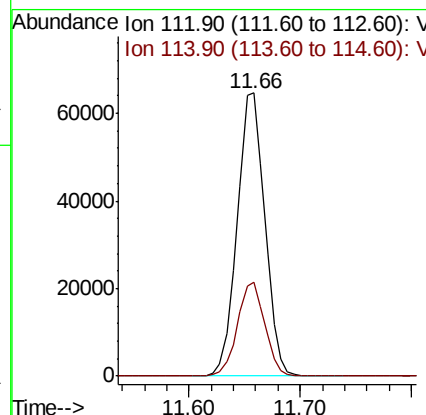
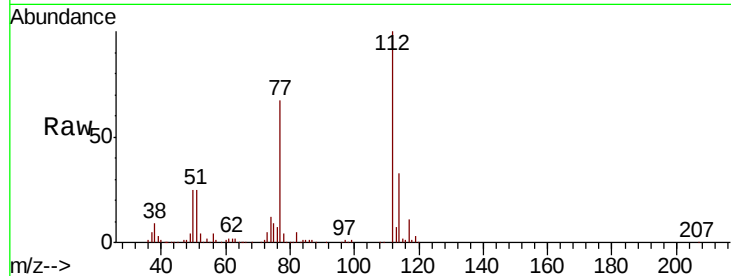
#65  
Chlorobenzene  
Concen: 20.813 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 110849 |       |       |
| 114     | 33.1  | 25.8   | 38.6  |       |

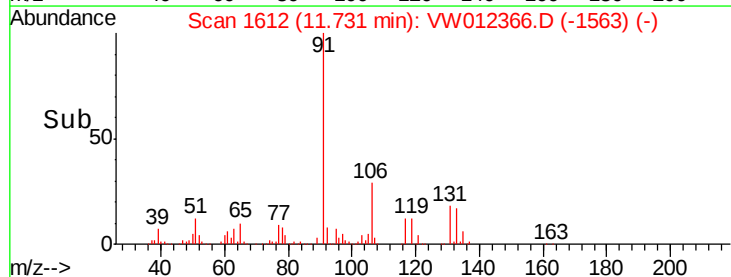
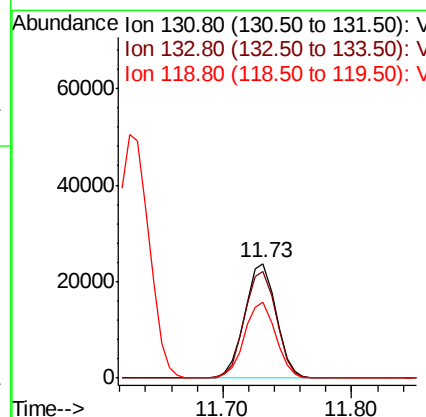
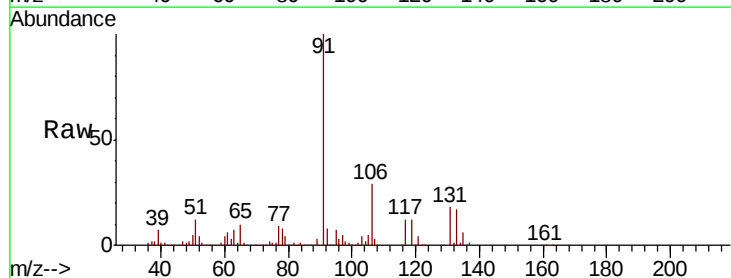
Manual Integrations  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.522 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 131     | 100   | 39988 |       |       |
| 133     | 94.9  | 47.1  | 141.3 |       |
| 119     | 65.7  | 31.8  | 95.3  |       |





#67

Ethyl Benzene

Concen: 20.706 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 91 Resp: 212438

Ion Ratio Lower Upper

91 100

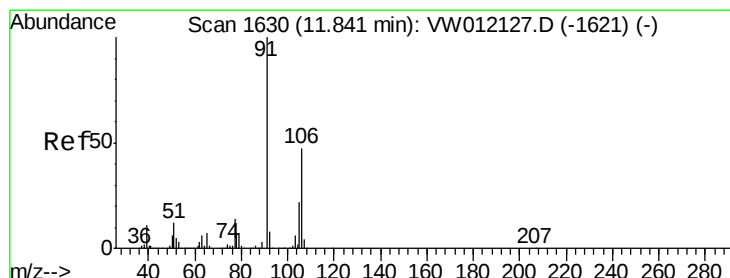
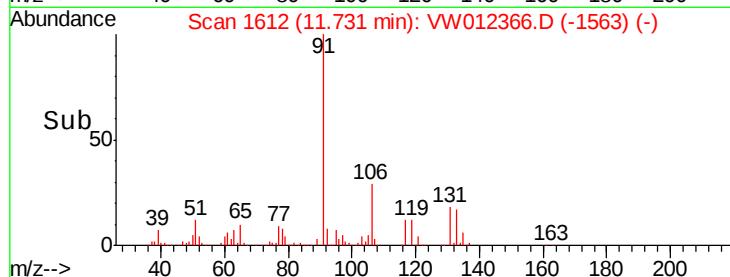
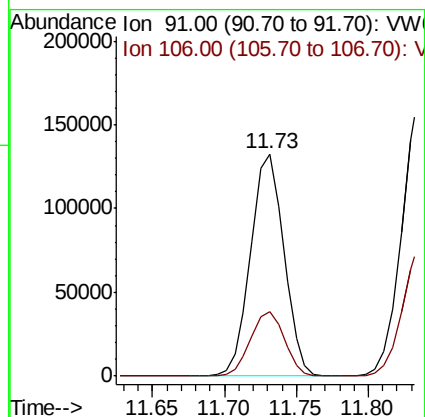
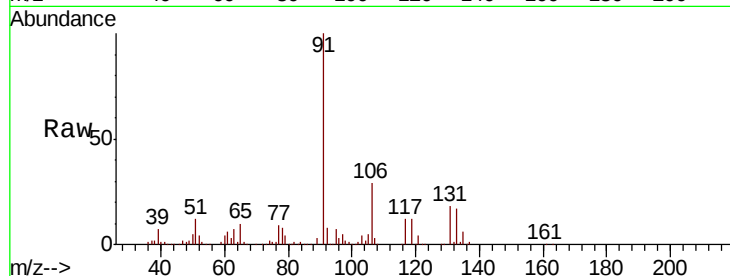
106 29.3 24.3 36.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 41.063 ug/l

RT: 11.84 min Scan# 1629

Delta R.T. -0.01 min

Lab File: VW012366.D

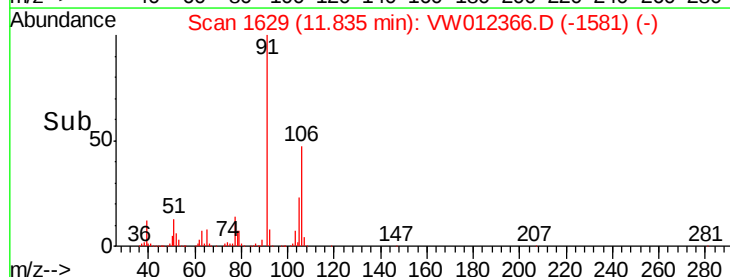
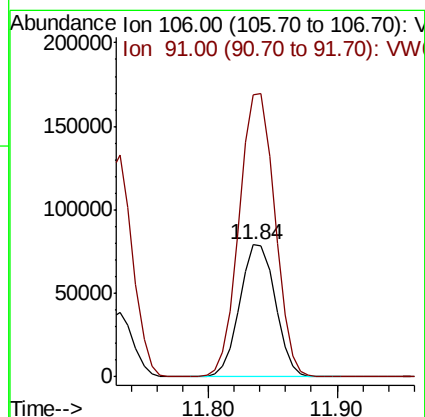
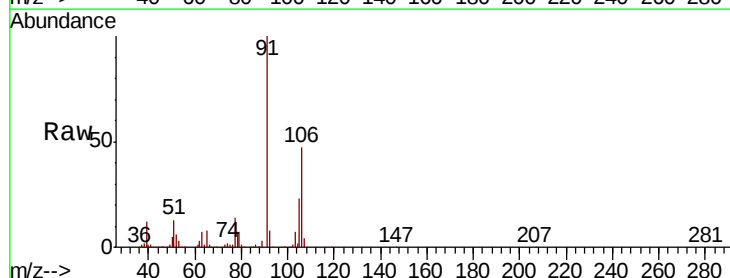
Acq: 30 Aug 2019 23:28

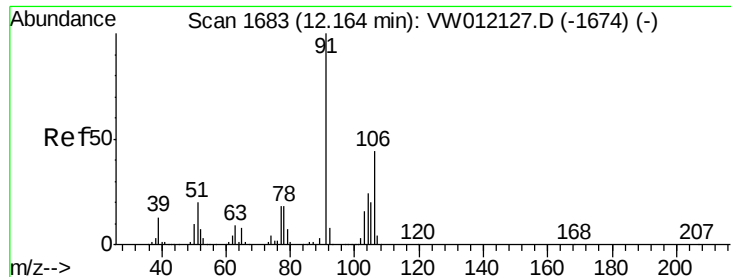
Tgt Ion: 106 Resp: 151756

Ion Ratio Lower Upper

106 100

91 215.0 169.5 254.3





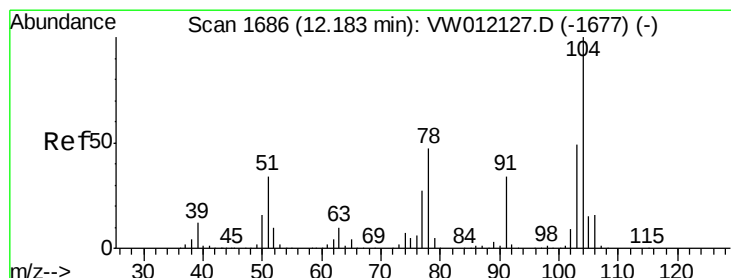
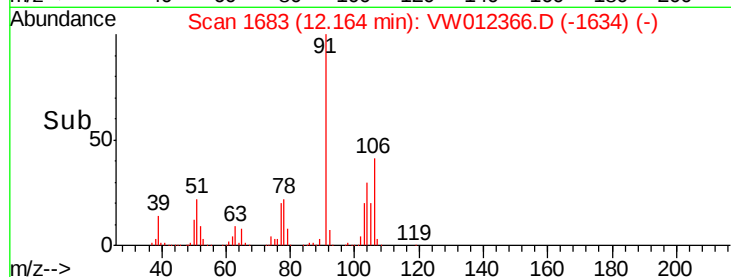
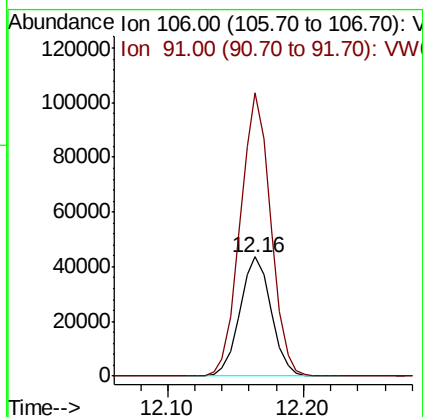
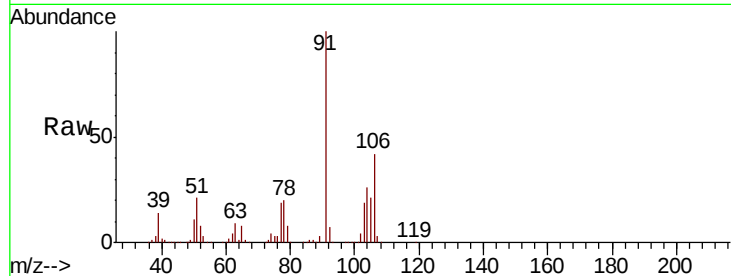
#69  
o-Xylene  
Concen: 20.431 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 231.5 | 111.6 | 334.6 |

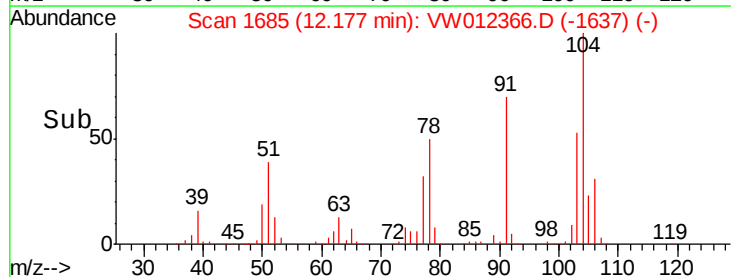
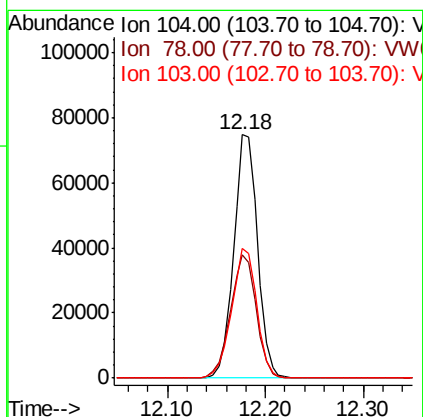
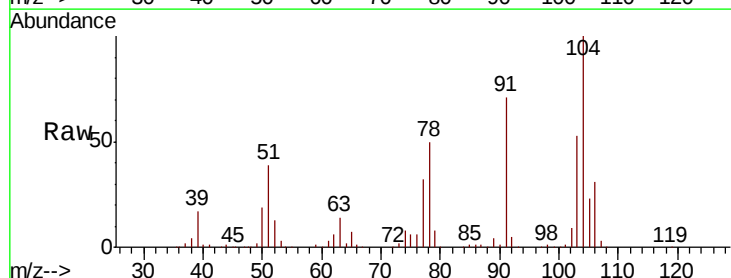
Manual Integrations  
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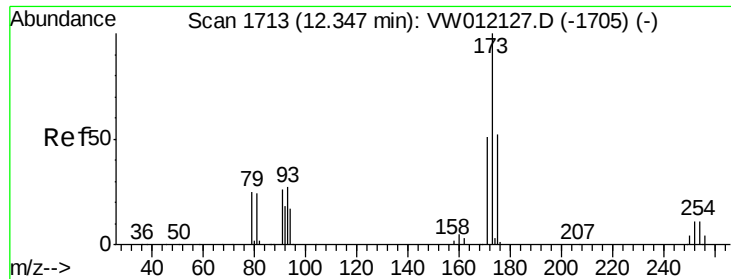
MMDadoda  
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#70  
Styrene  
Concen: 21.264 ug/l  
RT: 12.18 min Scan# 1685  
Delta R.T. -0.01 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 54.6  | 43.1  | 64.7  |
| 103     | 56.5  | 43.5  | 65.3  |





#71

Bromoform

Concen: 21.510 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

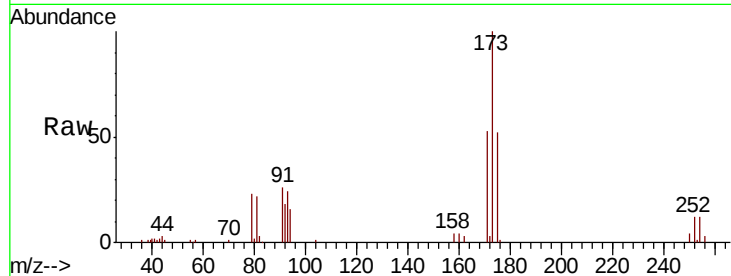
ClientSampleId :

VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 50.2  | 24.6  | 74.0  |
| 254     | 0.0   | 0.2   | 0.2   |

Manual Integrations  
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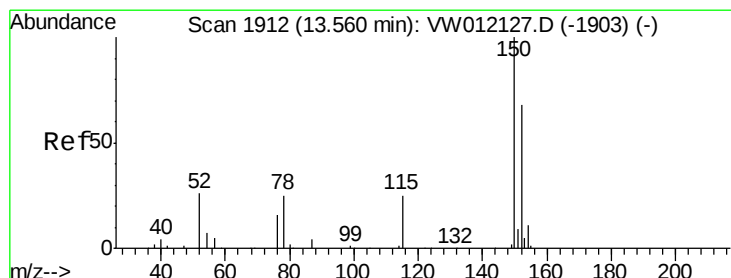
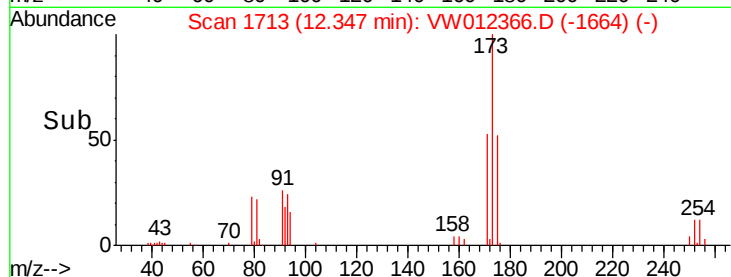
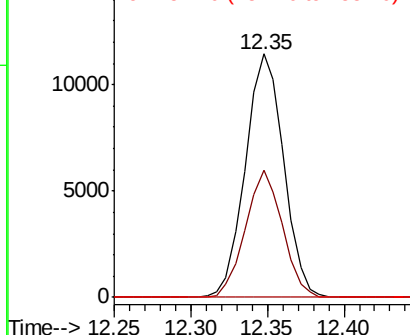


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

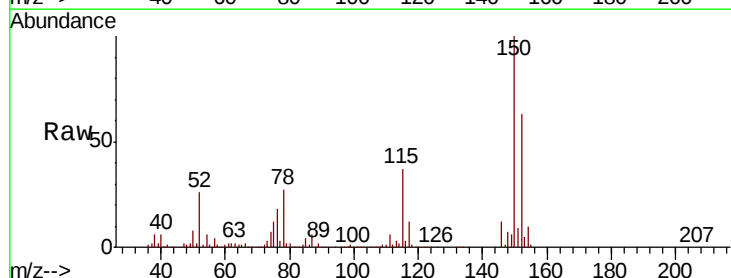
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.5  | 30.1  | 90.3  |
| 150     | 164.1 | 0.0   | 345.8 |

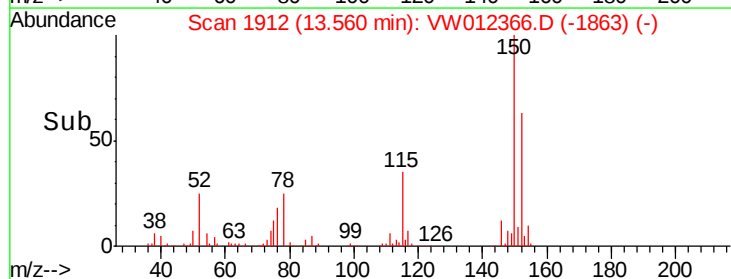
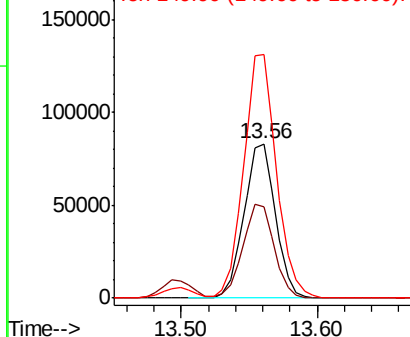


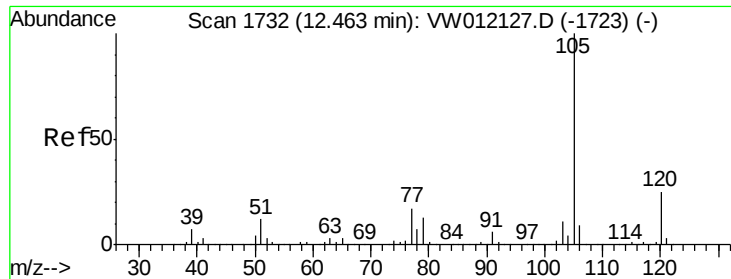
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





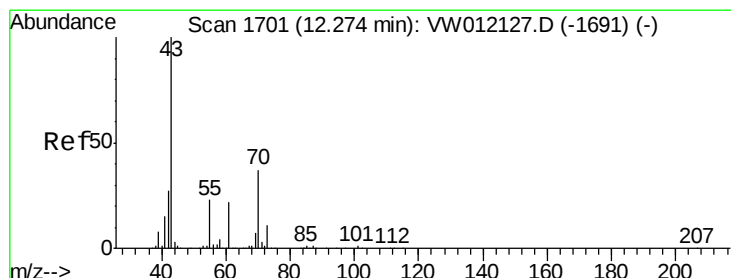
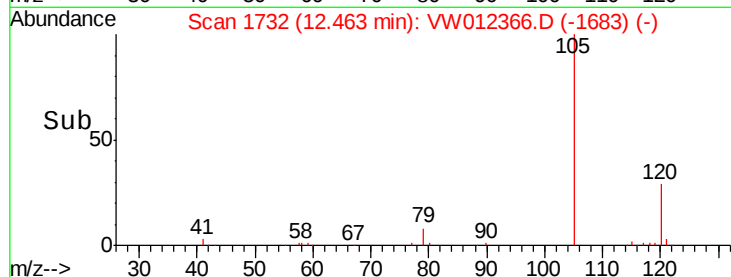
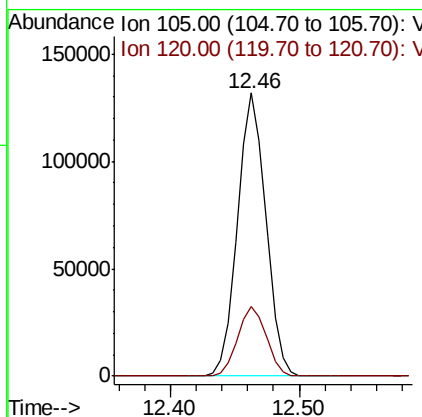
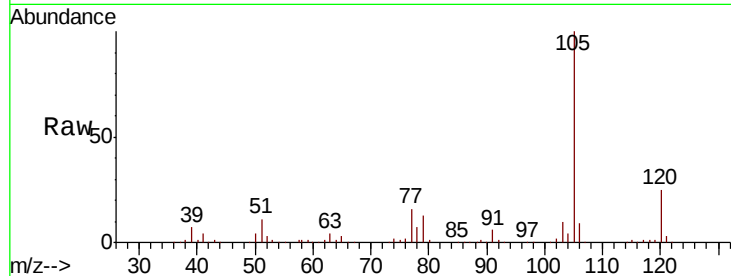
#73  
Isopropylbenzene  
Concen: 19.972 ug/l  
RT: 12.46 min Scan# 1732  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

Tot Ion: 105 Resp: 201086  
Ion Ratio Lower Upper  
105 100  
120 24.9 12.5 37.5

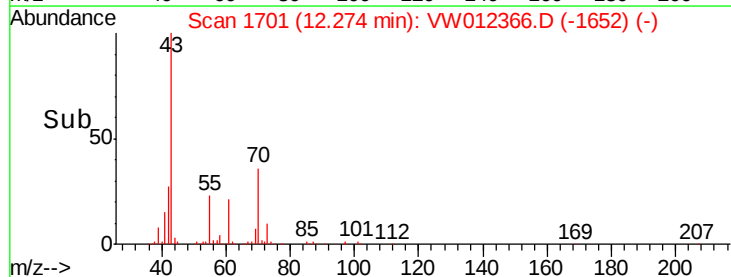
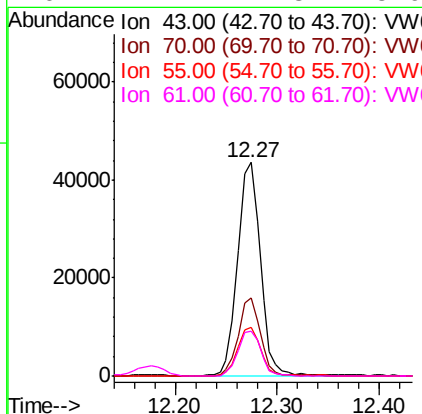
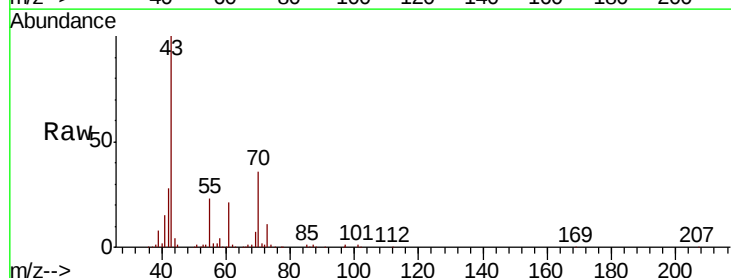
Manual Integrations  
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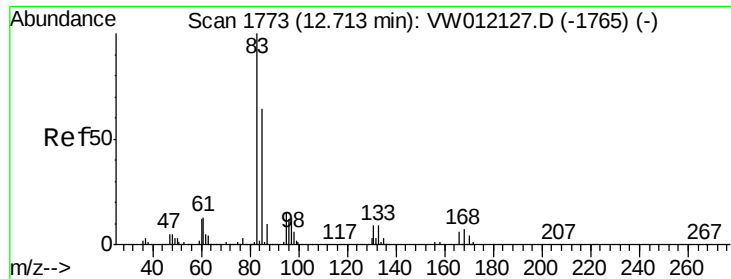
MMDadoda  
8/31/2019 9:11:46 AM



#74  
N-ethyl acetate  
Concen: 22.177 ug/l  
RT: 12.27 min Scan# 1701  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Tgt Ion: 43 Resp: 67460  
Ion Ratio Lower Upper  
43 100  
70 35.7 28.6 43.0  
55 23.2 17.8 26.6  
61 21.2 17.3 25.9





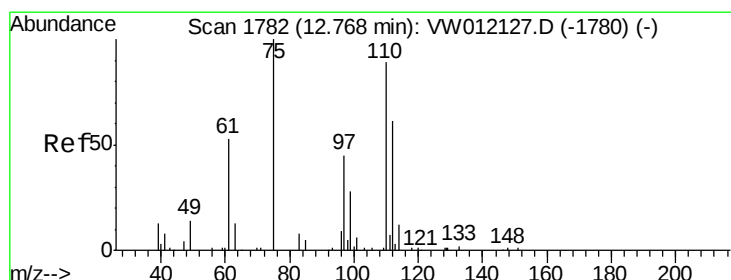
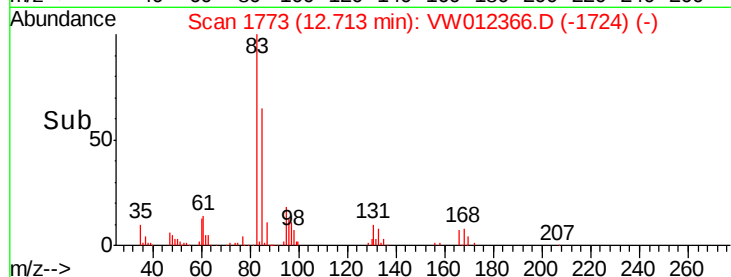
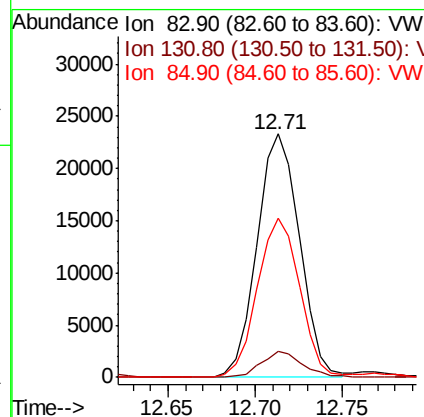
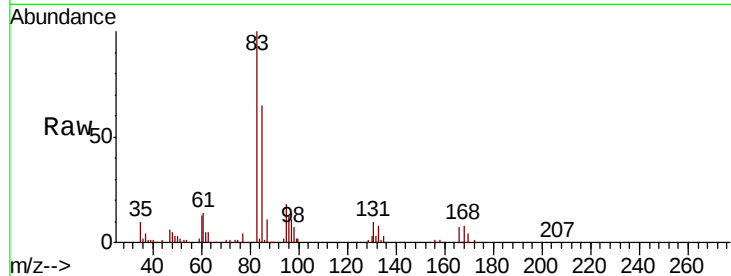
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 21.294 ug/l  
 RT: 12.71 min Scan# 1773  
 Delta R.T. 0.00 min  
 Lab File: VW012366.D  
 Acq: 30 Aug 2019 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 131     | 10.3  | 4.9   | 14.7  |
| 85      | 65.3  | 31.9  | 95.7  |

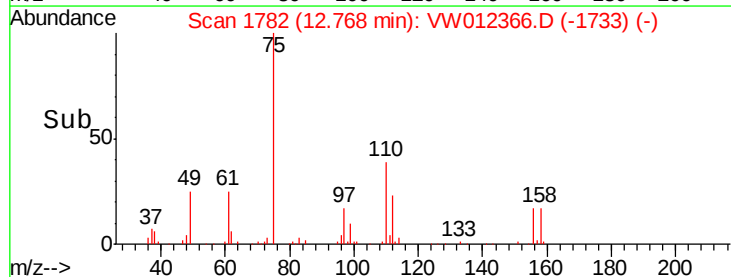
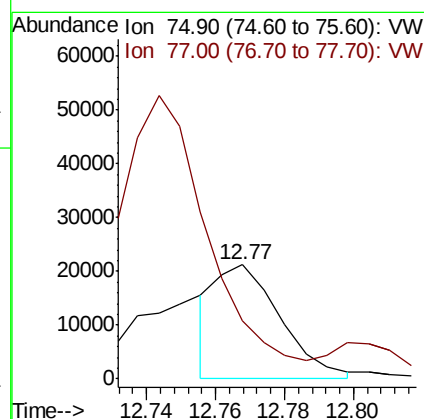
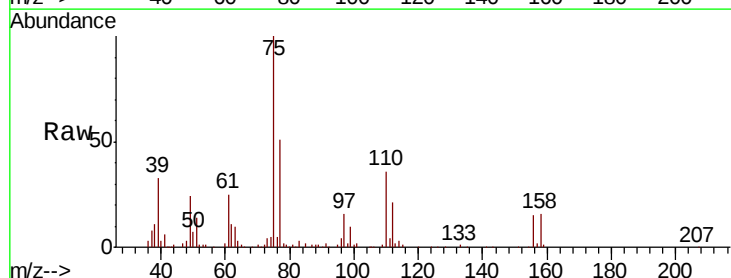
Manual Integrations  
 APPROVED

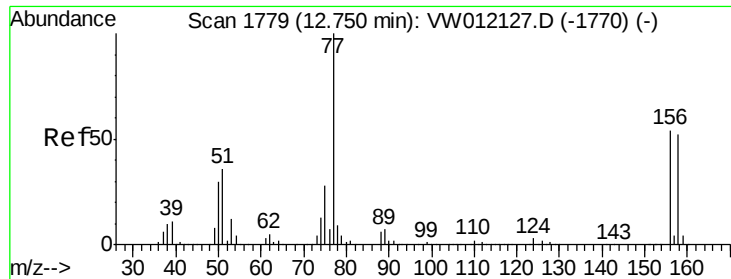
MMDadoda  
 8/31/2019 9:11:46 AM



#76  
 1,2,3-Trichloropropane  
 Concen: 21.149 ug/l m  
 RT: 12.77 min Scan# 1782  
 Delta R.T. 0.00 min  
 Lab File: VW012366.D  
 Acq: 30 Aug 2019 23:28

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





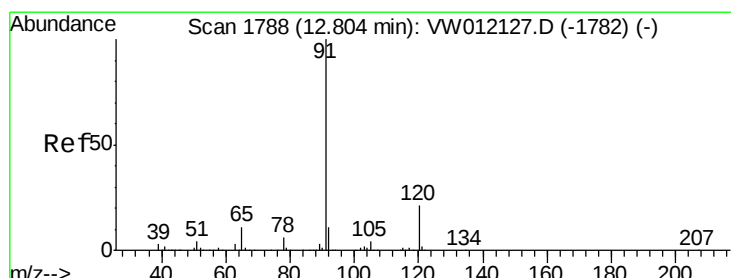
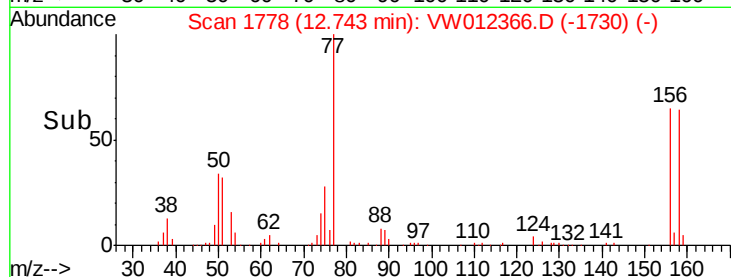
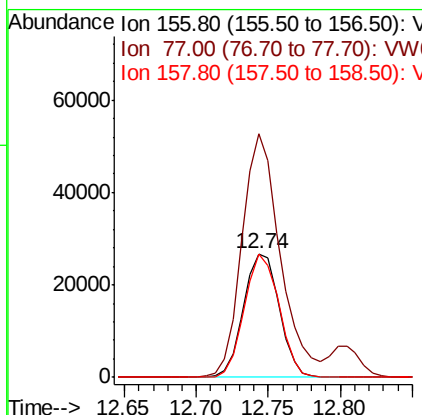
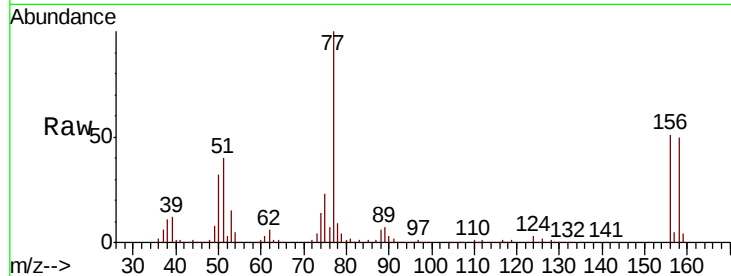
#77  
Bromobenzene  
Concen: 21.052 ug/l  
RT: 12.74 min Scan# 1778  
Delta R.T. -0.01 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 211.8 | 107.3 | 321.8 |
| 158     | 96.9  | 49.0  | 147.0 |

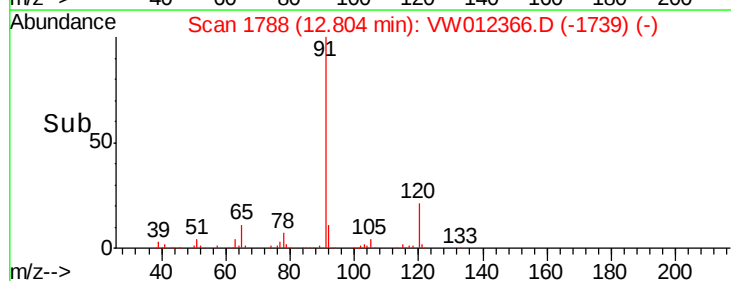
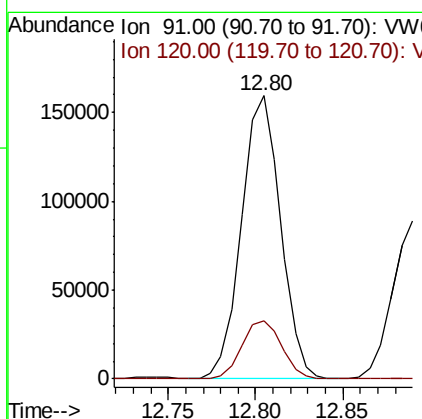
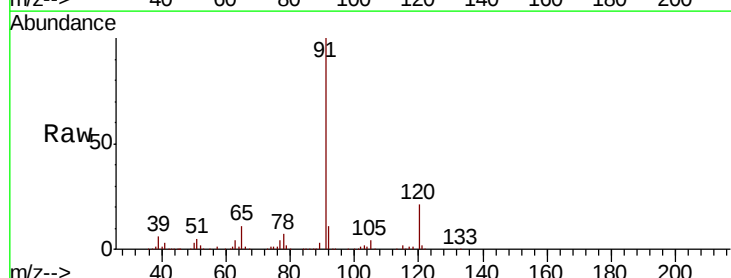
Manual Integrations  
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#78  
n-propylbenzene  
Concen: 20.114 ug/l  
RT: 12.80 min Scan# 1788  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 21.2  | 10.5  | 31.6  |





#79

2-Chlorotoluene

Concen: 20.652 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 91 Resp: 144120

Ion Ratio Lower Upper

91 100

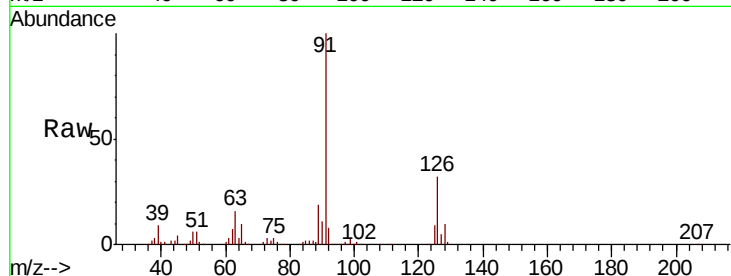
126 30.9 15.7 47.0

Manual Integrations

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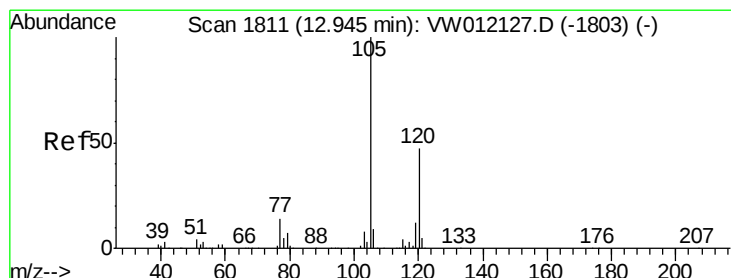
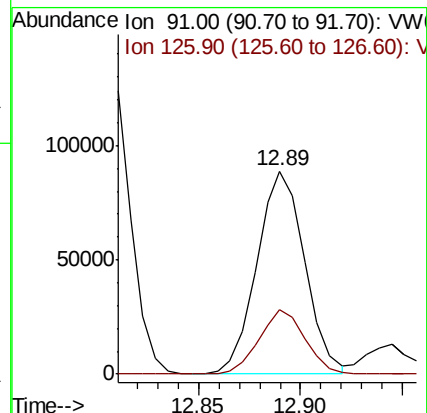
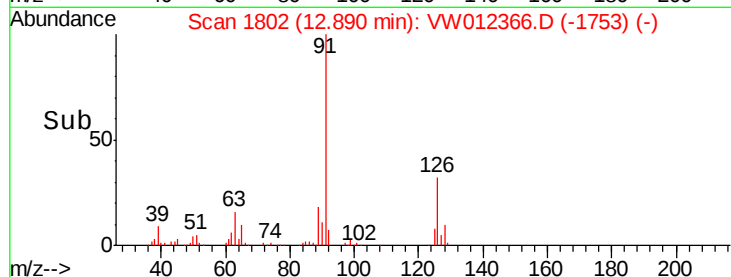
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.713 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012366.D

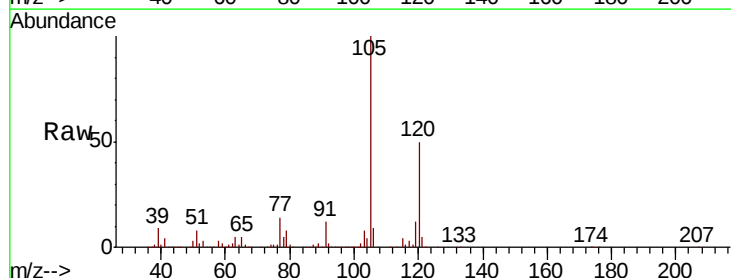
Acq: 30 Aug 2019 23:28

Tgt Ion:105 Resp: 174259

Ion Ratio Lower Upper

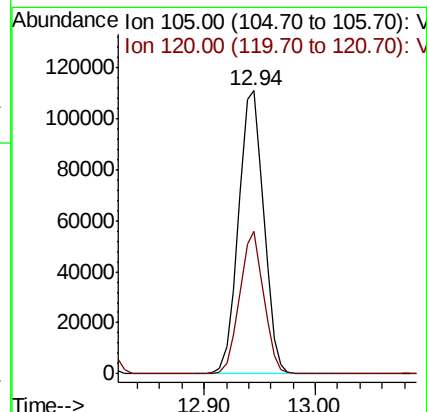
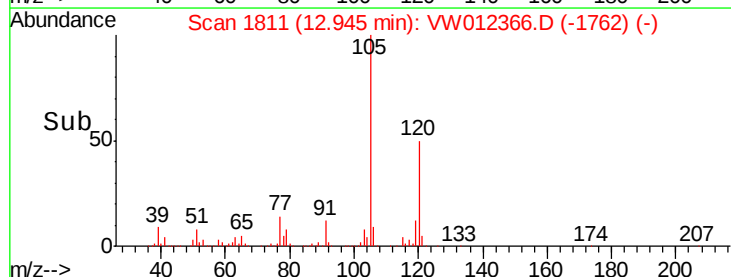
105 100

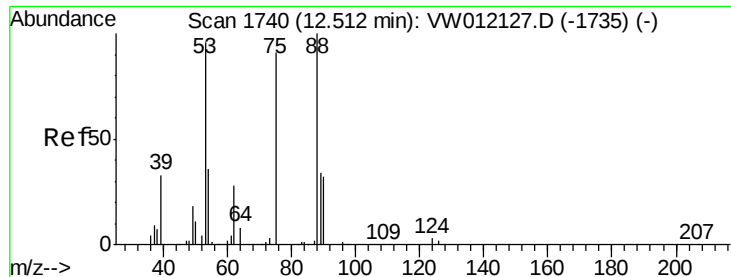
120 47.9 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





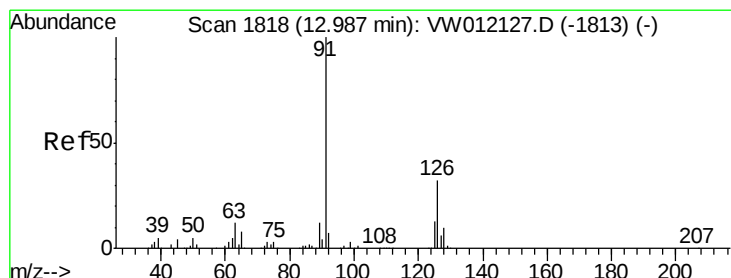
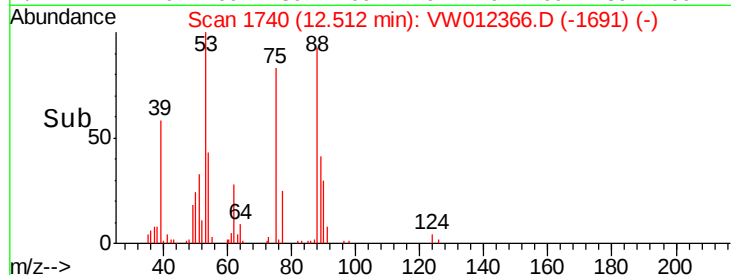
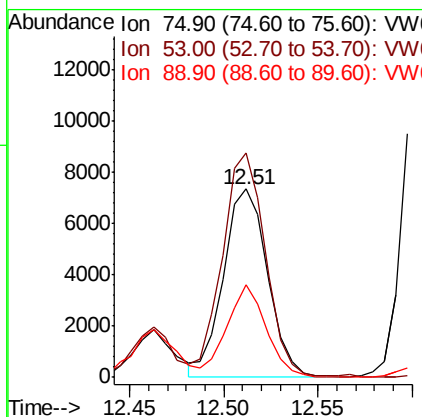
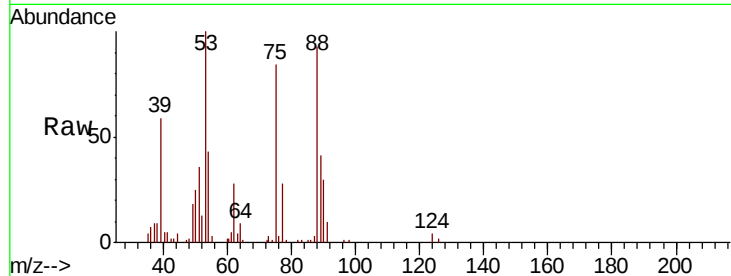
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.160 ug/l  
RT: 12.51 min Scan# 1740  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 116.4 | 89.4  | 134.0 |
| 89      | 43.3  | 34.5  | 51.7  |

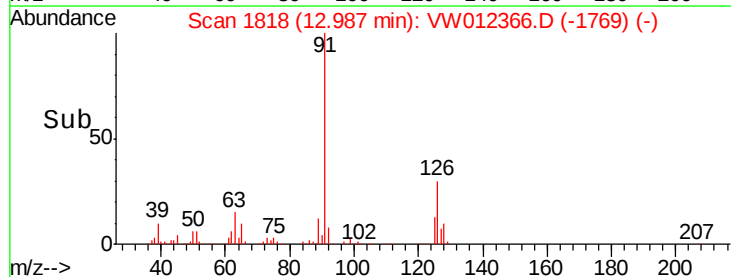
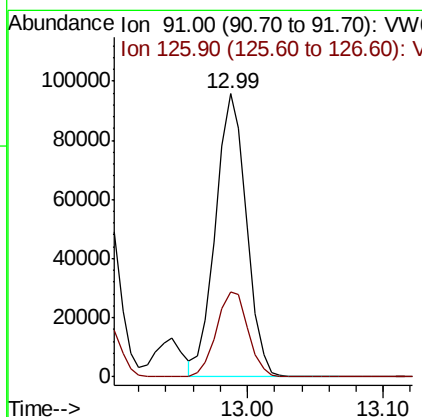
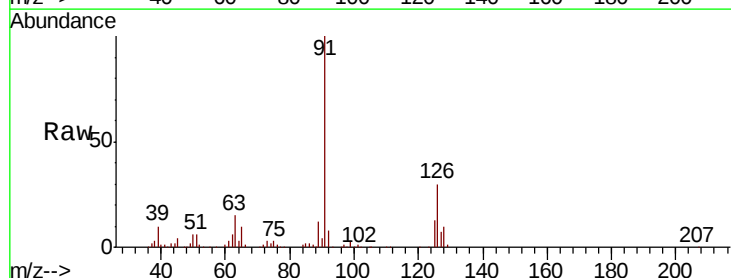
Manual Integrations  
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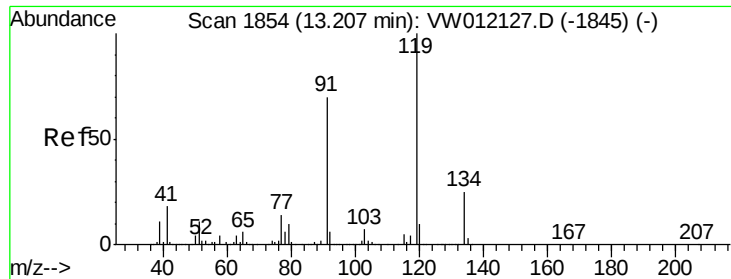
MMDadoda  
8/31/2019 9:11:46 AM



#82  
4-Chlorotoluene  
Concen: 20.542 ug/l  
RT: 12.99 min Scan# 1818  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 31.2  | 15.6  | 46.8  |





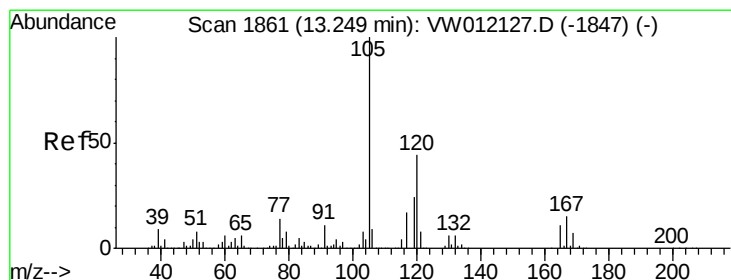
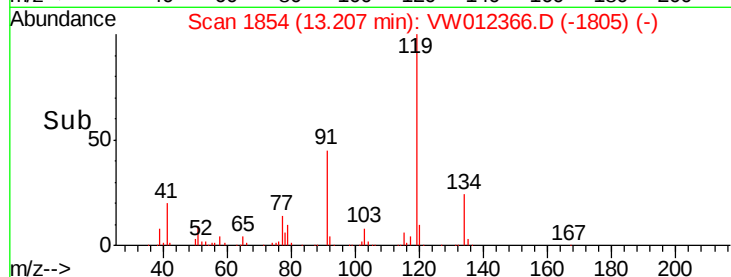
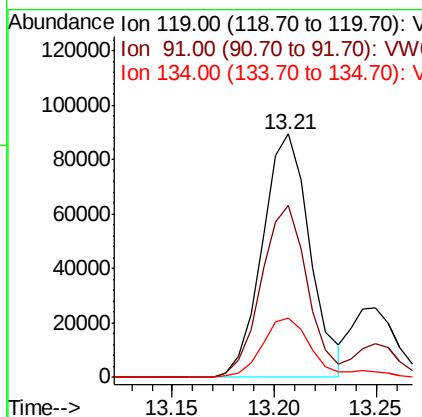
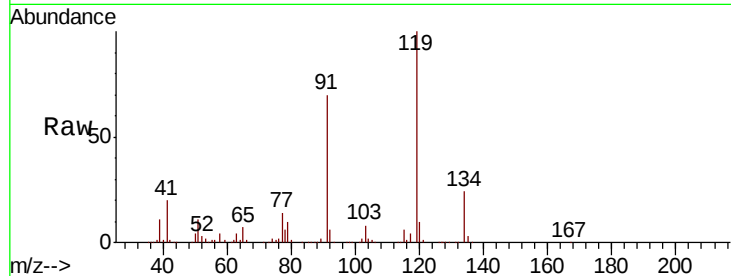
#83  
tert-Butylbenzene  
Concen: 20.442 ug/l  
RT: 13.21 min Scan# 1854  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 145680 |       |       |
| 91      | 68.5  | 34.8   | 104.3 |       |
| 134     | 26.6  | 13.3   | 39.8  |       |

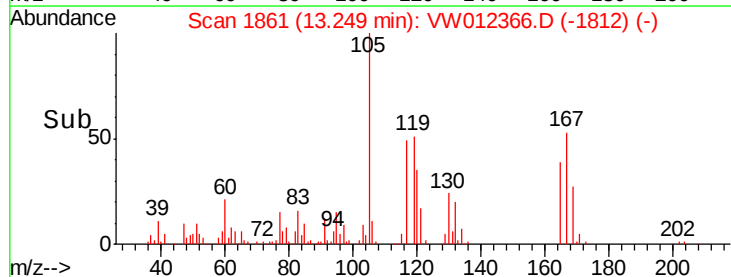
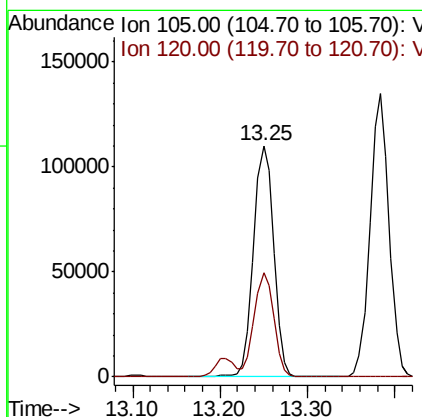
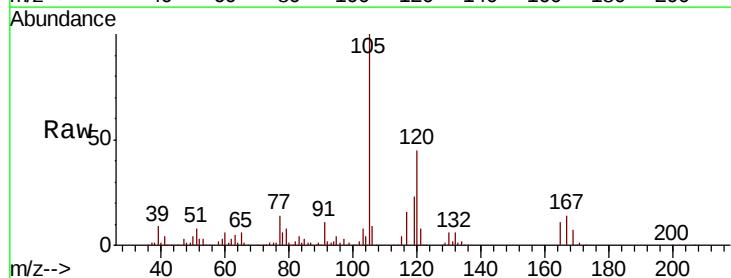
Manual Integrations  
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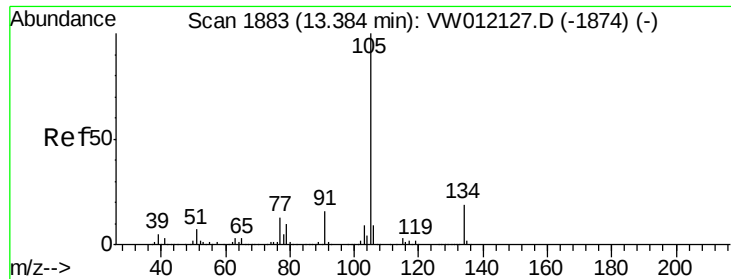
MMDadoda  
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#84  
1,2,4-Trimethylbenzene  
Concen: 20.889 ug/l  
RT: 13.25 min Scan# 1861  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 176537 |       |       |
| 120     | 43.4  | 21.9   | 65.7  |       |





#85

sec-Butylbenzene

Concen: 20.057 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion:105 Resp: 204781

Ion Ratio Lower Upper

105 100

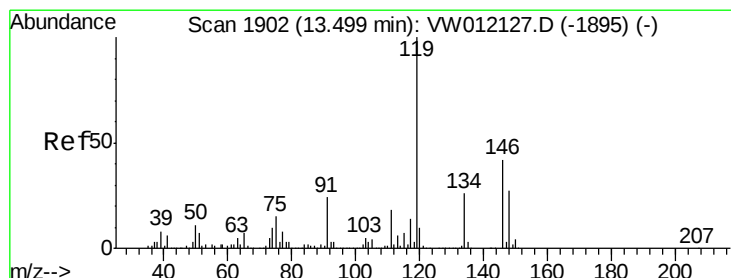
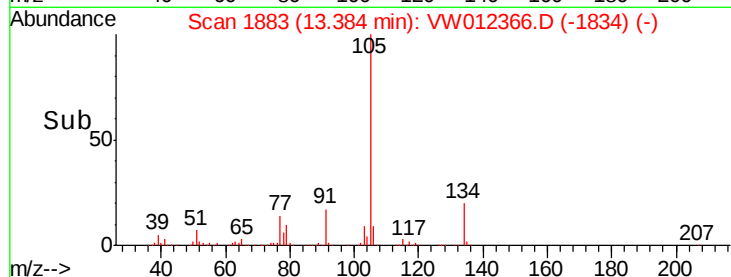
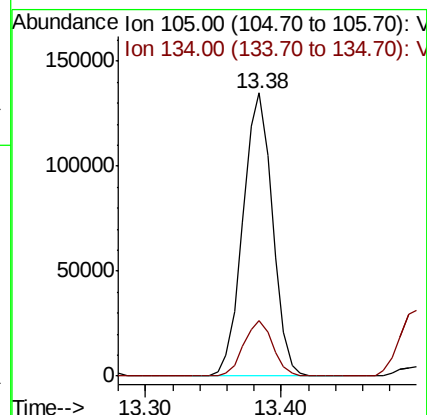
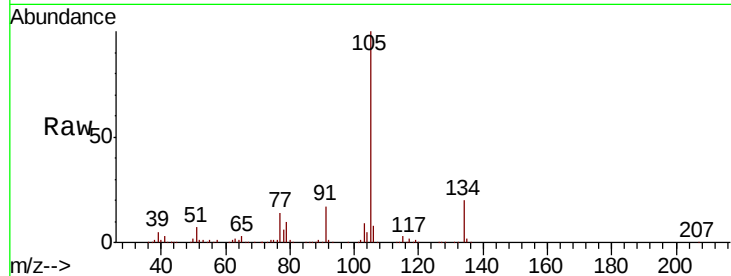
134 19.4 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.703 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

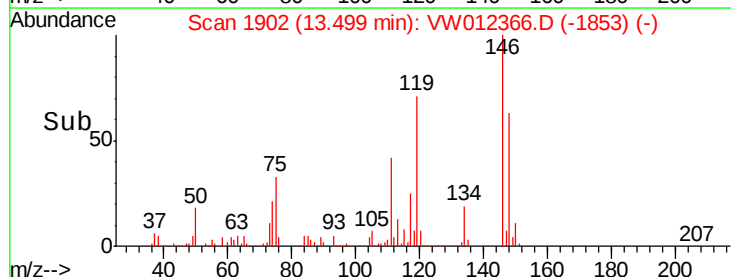
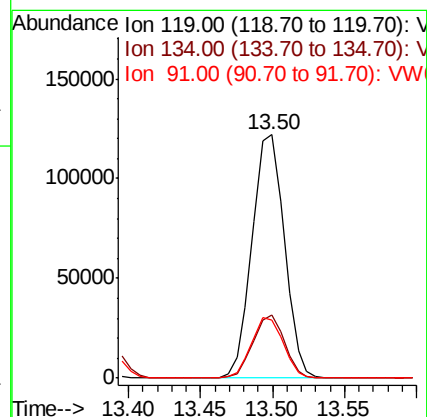
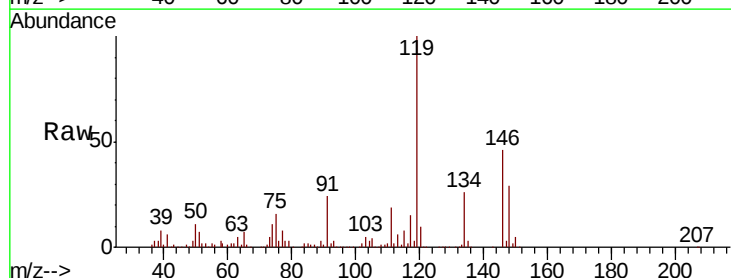
Tgt Ion:119 Resp: 188778

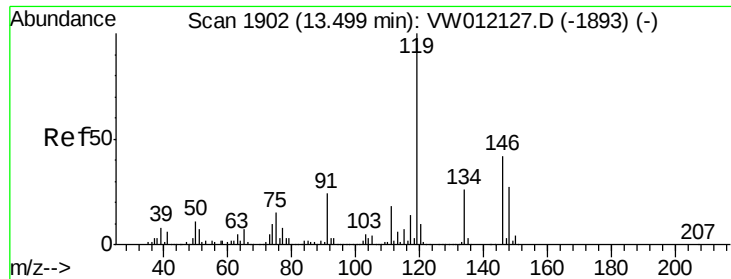
Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

91 24.7 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 21.123 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

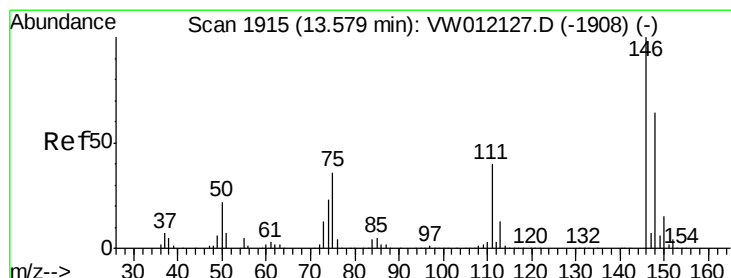
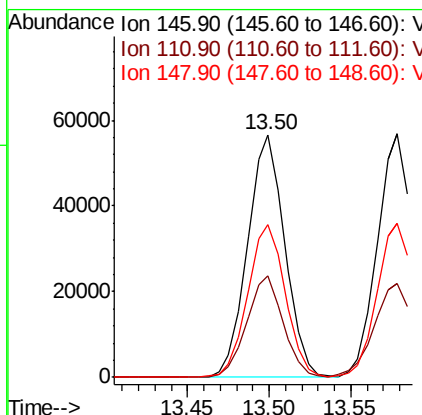
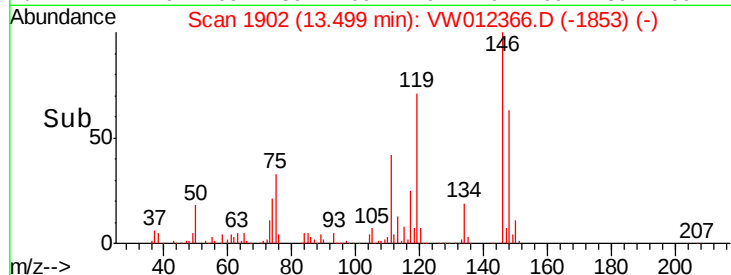
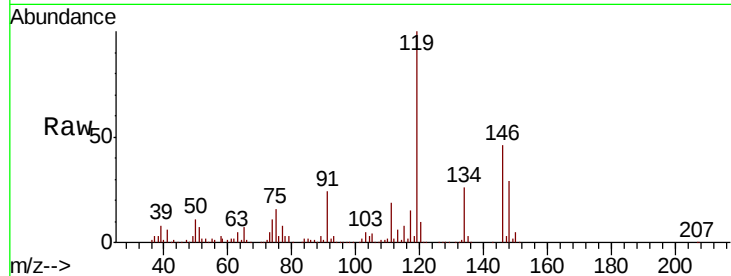
ClientSampleId :

VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.0  | 20.9  | 62.7  |
| 148     | 63.3  | 32.2  | 96.6  |

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#88

1,4-Dichlorobenzene

Concen: 21.121 ug/l

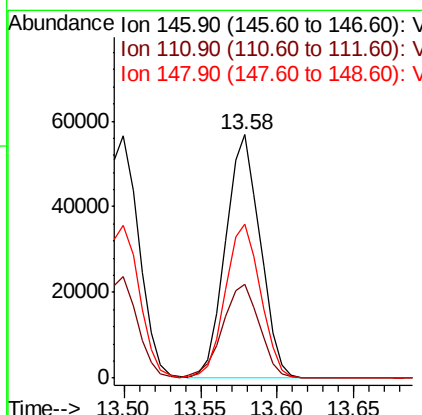
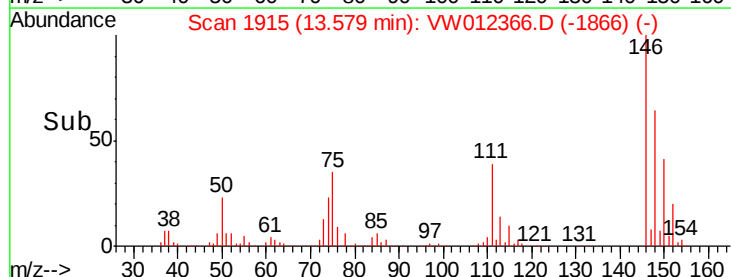
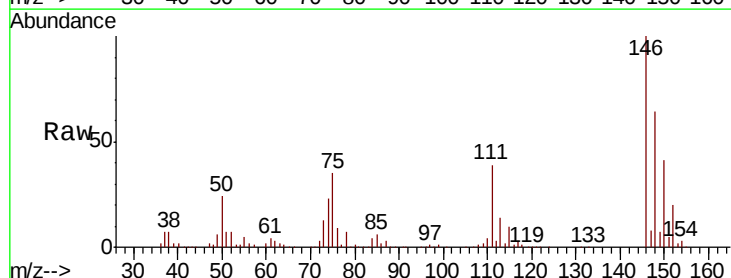
RT: 13.58 min Scan# 1915

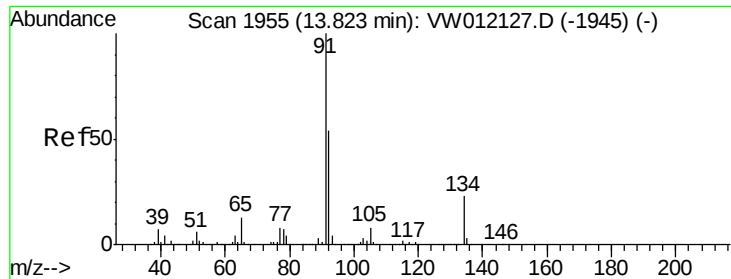
Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.5  | 20.0  | 60.0  |
| 148     | 64.5  | 32.1  | 96.3  |





#89

n-Butylbenzene

Concen: 20.189 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

Instrument :

MSVOA\_W

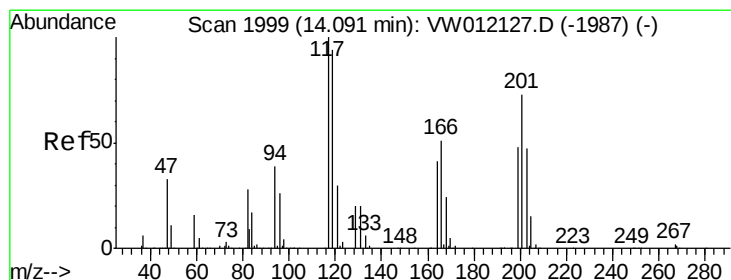
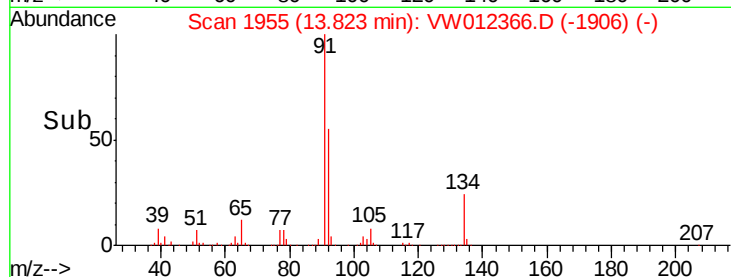
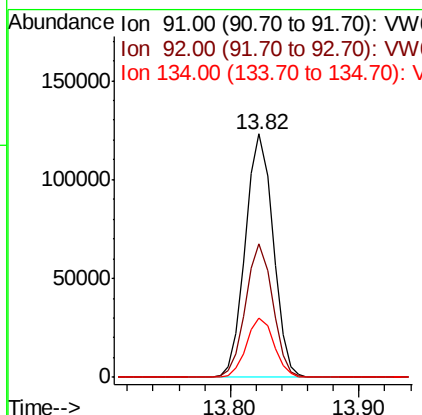
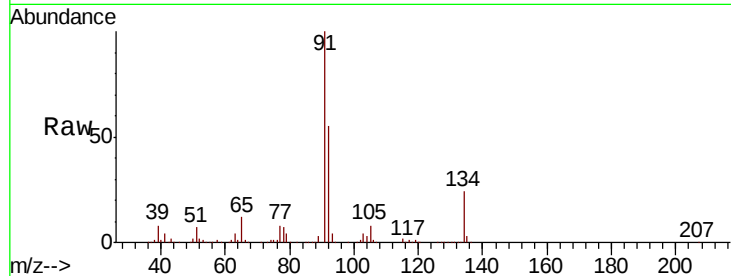
ClientSampleId :

VW0830SBS02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 91    | Resp: | 183065 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 53.7  | 27.1  | 81.2   |
| 134       | 24.1  | 12.2  | 36.4   |

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#90

Hexachloroethane

Concen: 19.925 ug/l

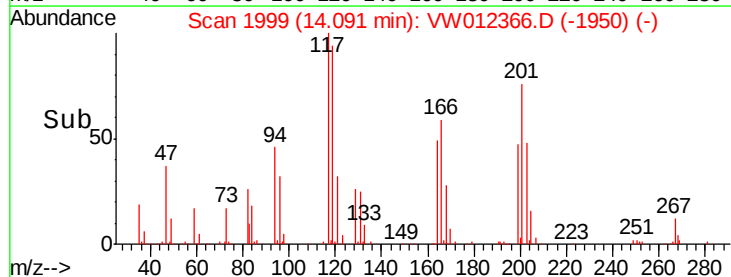
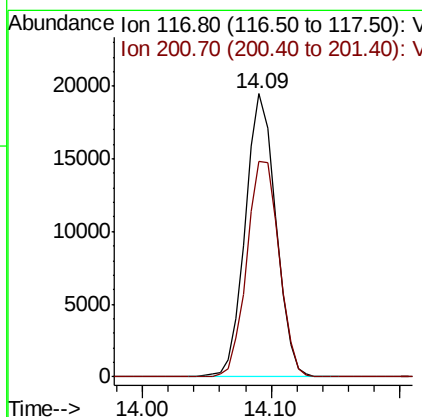
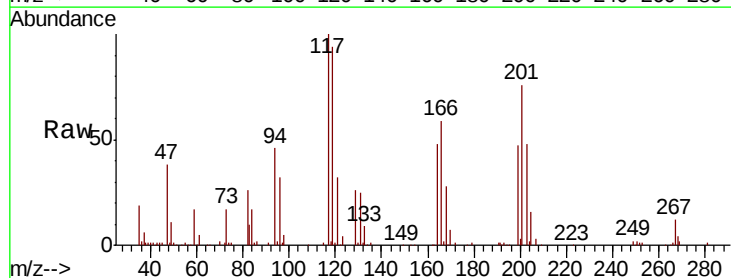
RT: 14.09 min Scan# 1999

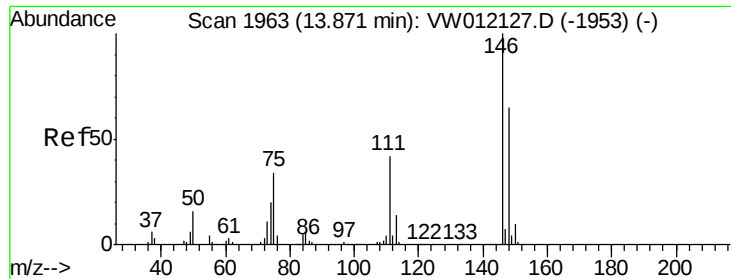
Delta R.T. 0.00 min

Lab File: VW012366.D

Acq: 30 Aug 2019 23:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 31875 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 80.0  | 38.6  | 115.7 |





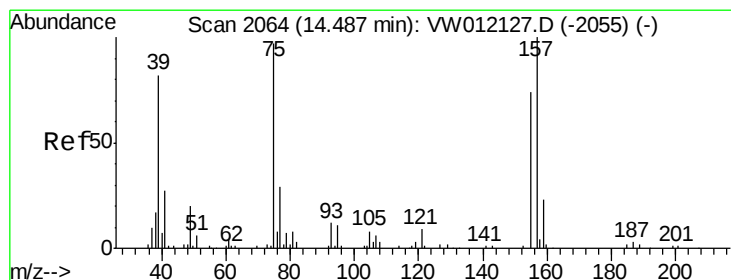
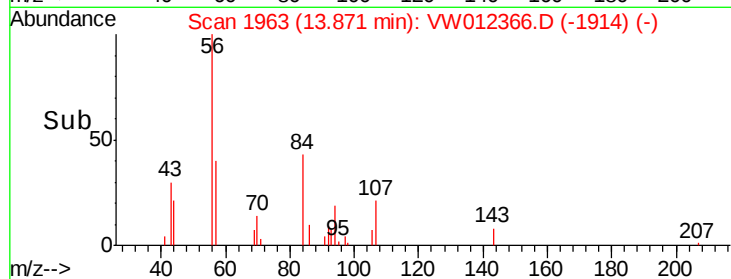
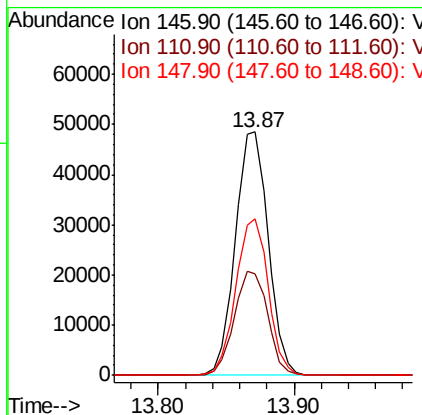
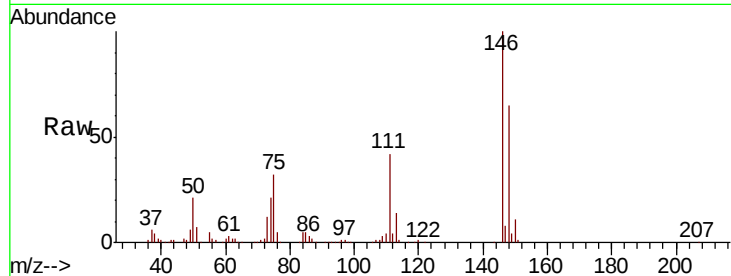
#91  
 1,2-Dichlorobenzene  
 Concen: 21.900 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. 0.00 min  
 Lab File: VW012366.D  
 Acq: 30 Aug 2019 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.4  | 21.2  | 63.6  |
| 148     | 63.6  | 32.5  | 97.4  |

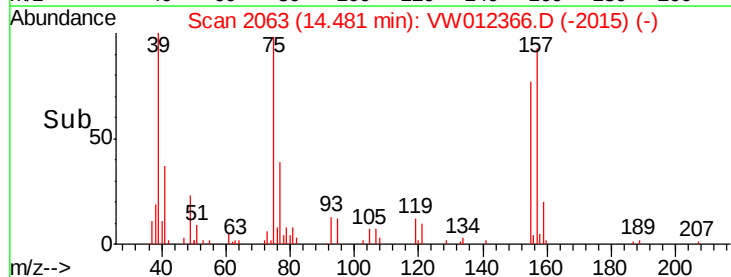
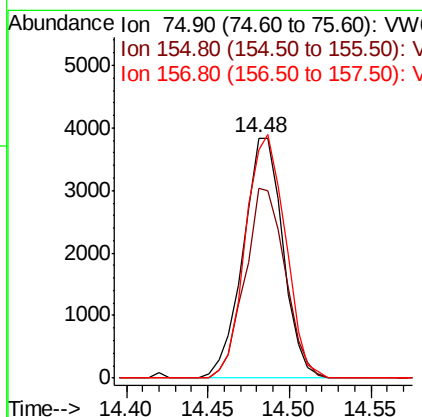
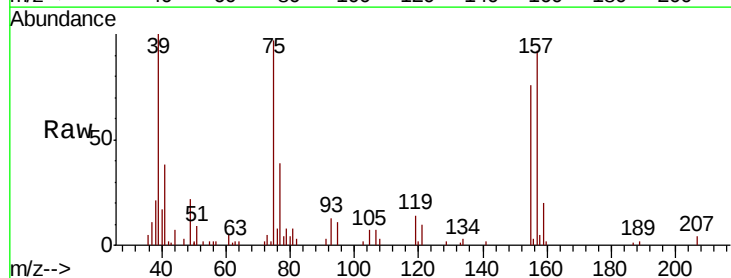
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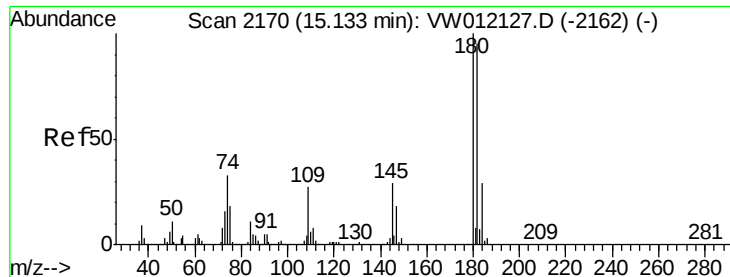
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.036 ug/l  
 RT: 14.48 min Scan# 2063  
 Delta R.T. -0.01 min  
 Lab File: VW012366.D  
 Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 79.7  | 37.5  | 112.3 |
| 157     | 101.4 | 50.5  | 151.5 |





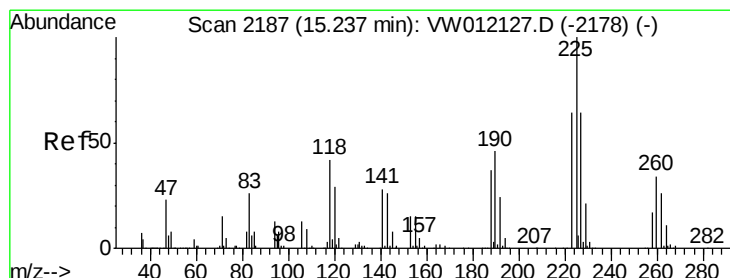
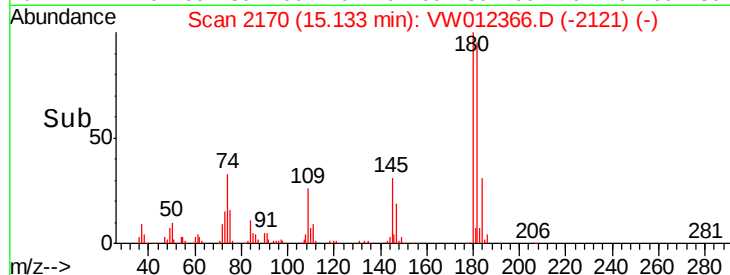
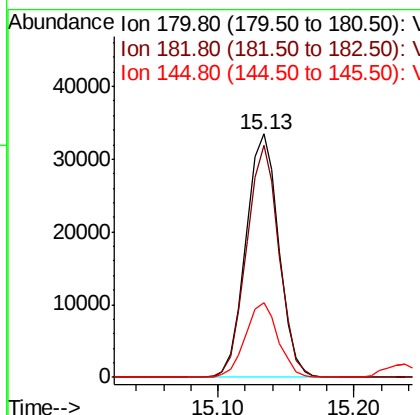
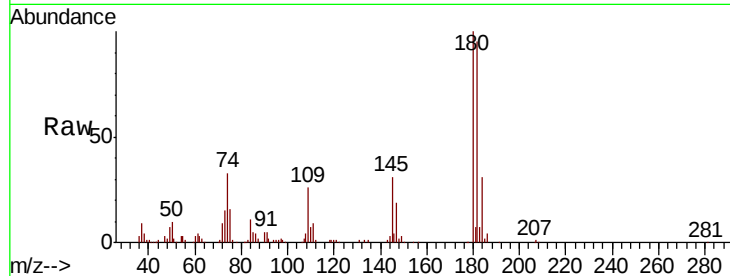
#93  
1,2,4-Trichlorobenzene  
Concen: 21.973 ug/l  
RT: 15.13 min Scan# 2170  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 56753 |       |       |
| 182     | 94.1  | 47.8  | 143.4 |       |
| 145     | 30.4  | 15.0  | 45.1  |       |

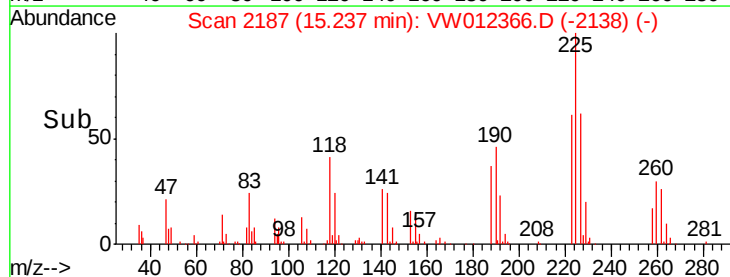
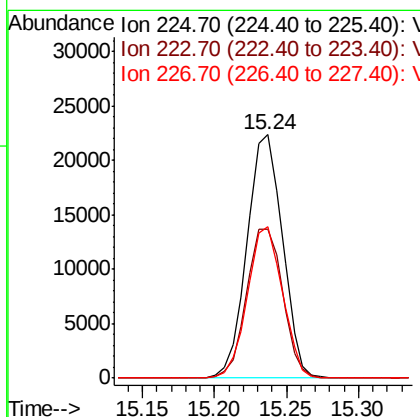
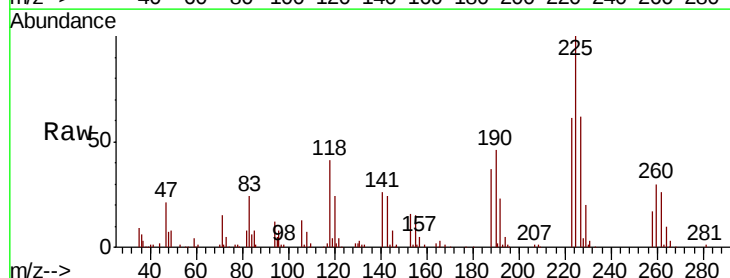
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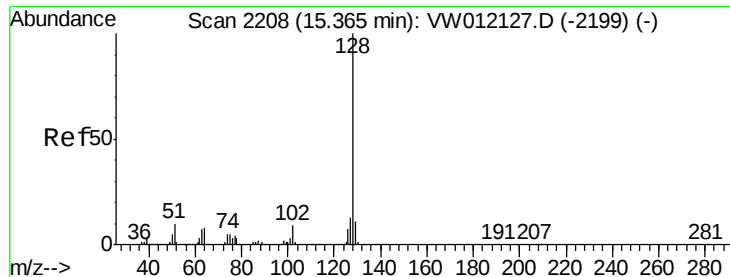
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#94  
Hexachlorobutadiene  
Concen: 22.339 ug/l  
RT: 15.24 min Scan# 2187  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 38098 |       |       |
| 223     | 62.6  | 32.3  | 96.8  |       |
| 227     | 61.4  | 32.9  | 98.6  |       |





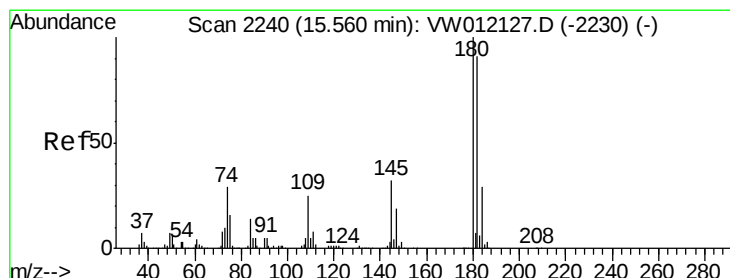
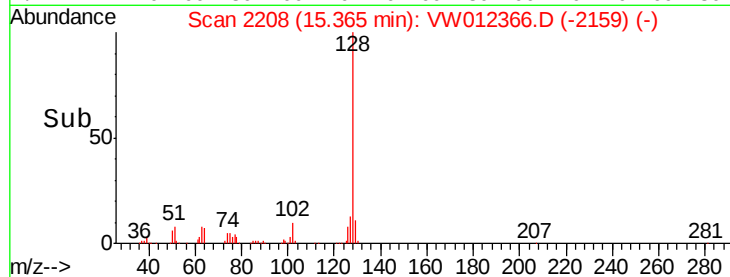
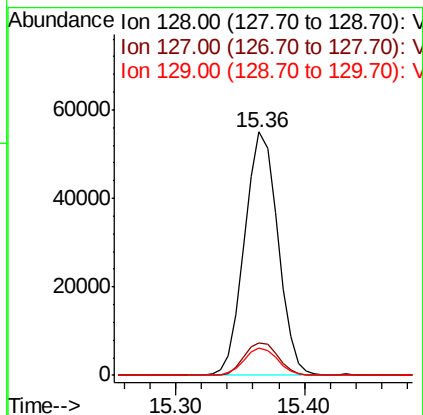
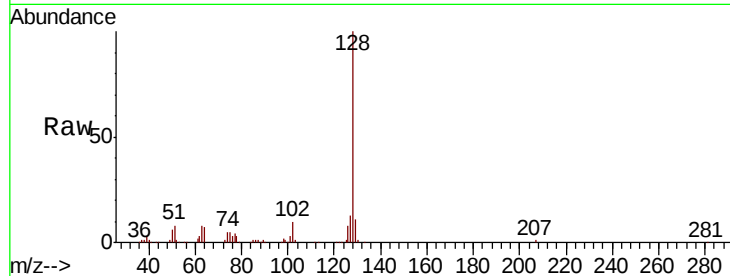
#95  
Naphthalene  
Concen: 22.071 ug/l  
RT: 15.36 min Scan# 2208  
Delta R.T. 0.00 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.6  | 10.7  | 16.1  |
| 129     | 11.4  | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 21.815 ug/l  
RT: 15.55 min Scan# 2239  
Delta R.T. -0.01 min  
Lab File: VW012366.D  
Acq: 30 Aug 2019 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.5  | 47.1  | 141.3 |
| 145     | 31.7  | 16.2  | 48.5  |

