

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\  
 Data File : VW012367.D  
 Acq On : 30 Aug 2019 23:54  
 Operator : SY/VA  
 Sample : VW0830SBSD02  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBSD02

Manual Integrations  
 APPROVED

MMDadoda  
 8/31/2019 9:11:51 AM

Quant Time: Aug 31 04:37:12 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  | 174310   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 278488   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 245735   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 121682   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 122403   | 59.07 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 118.14% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 92116    | 55.41 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 110.82% |          |
| 50) Toluene-d8              | 10.32 | 98   | 374730   | 55.60 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 111.20% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 134555   | 56.63 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 113.26% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85   | 20257    | 18.874  | ug/l  | 99     |
| 3) Chloromethane              | 2.21 | 50   | 35678    | 21.456  | ug/l  | 97     |
| 4) Vinyl Chloride             | 2.35 | 62   | 42134    | 20.702  | ug/l  | 99     |
| 5) Bromomethane               | 2.76 | 94   | 22060    | 21.402  | ug/l  | 97     |
| 6) Chloroethane               | 2.92 | 64   | 24512    | 21.350  | ug/l  | 97     |
| 7) Trichlorofluoromethane     | 3.25 | 101  | 21579    | 21.115  | ug/l  | 100    |
| 8) Diethyl Ether              | 3.68 | 74   | 21509    | 22.173  | ug/l  | 89     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101  | 38034    | 21.895  | ug/l  | 100    |
| 10) Methyl Iodide             | 4.27 | 142  | 49771    | 21.176  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 5.17 | 59   | 18864    | 151.276 | ug/l  | 97     |
| 12) 1,1-Dichloroethene        | 4.03 | 96   | 37485    | 21.439  | ug/l  | 98     |
| 13) Acrolein                  | 3.89 | 56   | 10567    | 90.022  | ug/l  | 95     |
| 14) Allyl chloride            | 4.67 | 41   | 79962    | 21.393  | ug/l  | 100    |
| 15) Acrylonitrile             | 5.36 | 53   | 63518    | 132.107 | ug/l  | 99     |
| 16) Acetone                   | 4.12 | 43   | 58305    | 110.076 | ug/l  | 100    |
| 17) Carbon Disulfide          | 4.38 | 76   | 93367    | 17.670  | ug/l  | 99     |
| 18) Methyl Acetate            | 4.67 | 43   | 38573    | 29.402  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73   | 69669    | 24.640  | ug/l  | 92     |
| 20) Methylene Chloride        | 4.92 | 84   | 46037    | 22.991  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96   | 39866    | 21.263  | ug/l  | 99     |
| 22) Diisopropyl ether         | 6.31 | 45   | 162908   | 23.513  | ug/l  | 96     |
| 23) Vinyl Acetate             | 6.25 | 43   | 500047   | 117.275 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 6.21 | 63   | 84637    | 22.436  | ug/l  | 99     |
| 25) 2-Butanone                | 7.17 | 43   | 90691    | 126.000 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 7.17 | 77   | 46595    | 21.822  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96   | 45402    | 22.665  | ug/l  | 99     |
| 28) Bromochloromethane        | 7.51 | 49   | 40276    | 24.496  | ug/l  | 100    |
| 29) Tetrahydrofuran           | 7.53 | 42   | 60914    | 141.060 | ug/l  | 98     |
| 30) Chloroform                | 7.68 | 83   | 80667    | 23.372  | ug/l  | 100    |
| 31) Cyclohexane               | 7.95 | 56   | 74630    | 19.996  | ug/l  | 97     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97   | 63415    | 23.226  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 8.08 | 75   | 63159    | 21.947  | ug/l  | 99     |
| 37) Ethyl Acetate             | 7.25 | 43   | 40704    | 25.811  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117  | 56181    | 22.555  | ug/l  | 92     |

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 ClientSampleID :  
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Manual Integrations  
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MMDadoda  
 8/31/2019 9:11:51 AM

Quant Time: Aug 31 04:37:12 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   | 66418    | 20.544  | ug/l   | 99       |
| 40) Benzene                    | 8.32  | 78   | 174141   | 22.160  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.48  | 41   | 24655    | 26.600  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 59278    | 24.069  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.42  | 43   | 75596    | 25.879  | ug/l   | 100      |
| 44) Trichloroethene            | 9.09  | 130  | 41732    | 21.846  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 48564    | 22.963  | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 22839    | 24.272  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.65  | 83   | 57098    | 22.800  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.43  | 41   | 34829    | 25.051  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 7875     | 546.679 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 200188   | 134.736 | ug/l   | 99       |
| 52) Toluene                    | 10.38 | 92   | 106011   | 22.456  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 58330    | 22.866  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 67458    | 21.901  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 32899    | 24.711  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 47222    | 24.371  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 61258    | 24.348  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.92  | 63   | 120825   | 121.499 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.97 | 43   | 136725   | 130.055 | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 35346    | 23.836  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.23 | 107  | 29867    | 24.080  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.86 | 164  | 36061    | 22.635  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.66 | 112  | 107596   | 22.236  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 37975    | 22.496  | ug/l   | 97       |
| 67) Ethyl Benzene              | 11.73 | 91   | 206172   | 22.119  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.84 | 106  | 150024   | 44.683  | ug/l   | 99       |
| 69) o-Xylene                   | 12.16 | 106  | 69312    | 22.305  | ug/l   | 98       |
| 70) Styrene                    | 12.18 | 104  | 120998   | 22.495  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 20324    | 24.166  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.46 | 105  | 197355   | 21.645  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.27 | 43   | 67282    | 24.424  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.71 | 83   | 40855    | 24.441  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 29041m   | 24.505  | ug/l   |          |
| 77) Bromobenzene               | 12.74 | 156  | 44010    | 22.311  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.80 | 91   | 242163   | 21.756  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 137971   | 21.832  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 170772   | 22.414  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.51 | 75   | 11876    | 21.972  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 146076   | 22.076  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 143535   | 22.241  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.25 | 105  | 170220   | 22.241  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.38 | 105  | 204242   | 22.089  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.50 | 119  | 183232   | 22.190  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.50 | 146  | 85488    | 22.157  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 86038    | 22.459  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.82 | 91   | 180790   | 22.017  | ug/l   | 100      |
| 90) Hexachloroethane           | 14.09 | 117  | 31837    | 21.976  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 78064    | 23.064  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 7461     | 26.476  | ug/l   | 91       |

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ALS Vial : 34 Sample Multiplier: 1

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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  | 53009    | 22.663 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 37268    | 24.130 | ug/l  | 97       |
| 95) Naphthalene            | 15.36 | 128  | 100224   | 24.270 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.55 | 180  | 48262    | 23.649 | ug/l  | 99       |

(#) = 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: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBSD02

Tot Ion:168 Resp: 174310

Ion Ratio Lower Upper

168 100

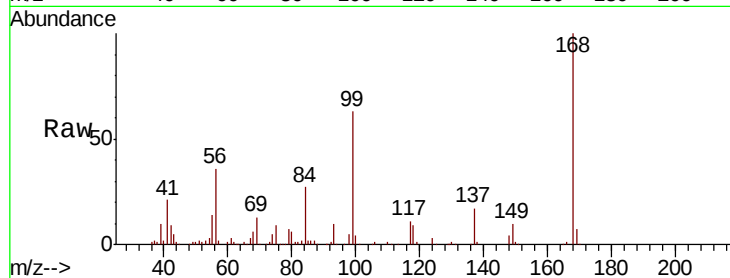
99 63.2 49.2 73.8

Manual Integrations

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8/31/2019 9:11:51 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

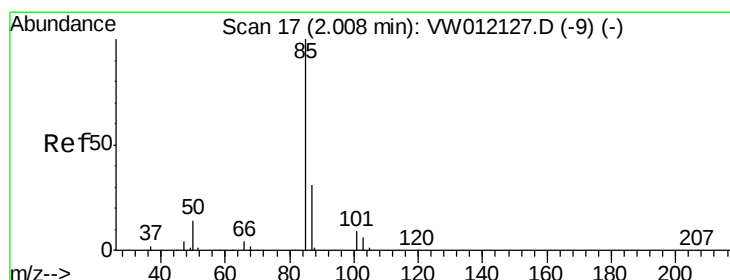
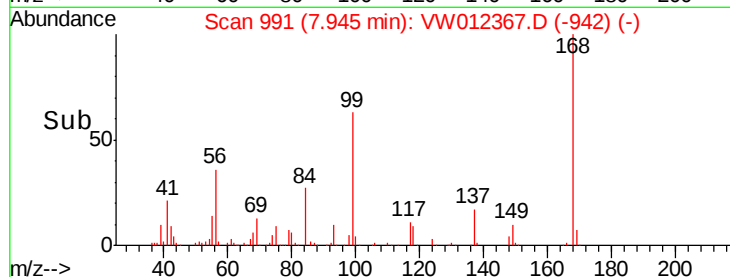
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 18.874 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012367.D

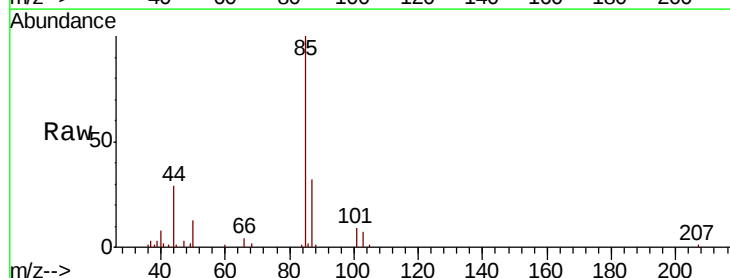
Acq: 30 Aug 2019 23:54

Tgt Ion: 85 Resp: 20257

Ion Ratio Lower Upper

85 100

87 31.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

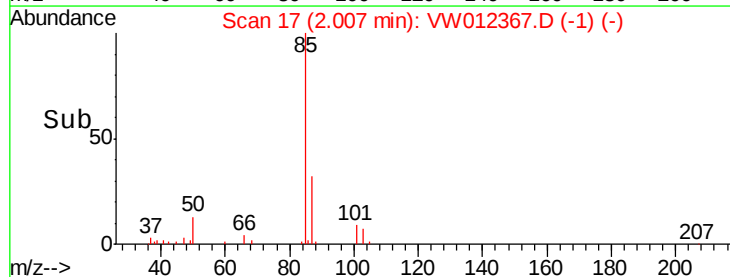
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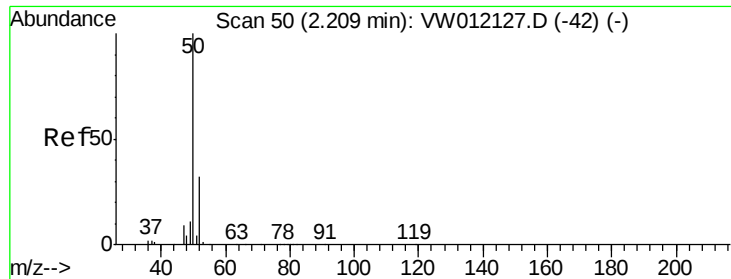
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 21.456 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 50 Resp: 35678

Ion Ratio Lower Upper

50 100

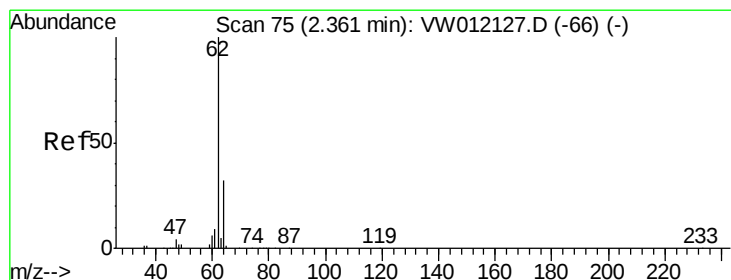
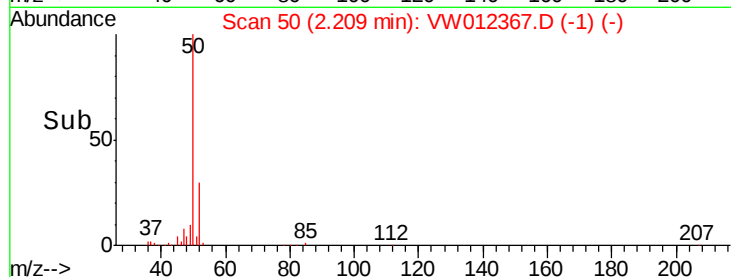
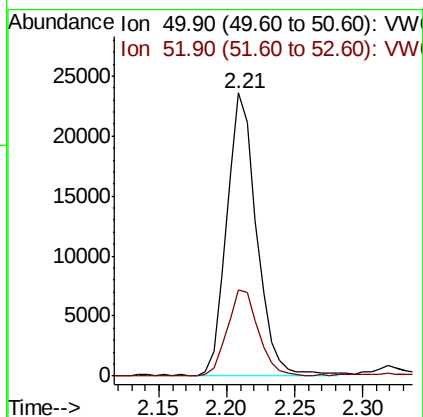
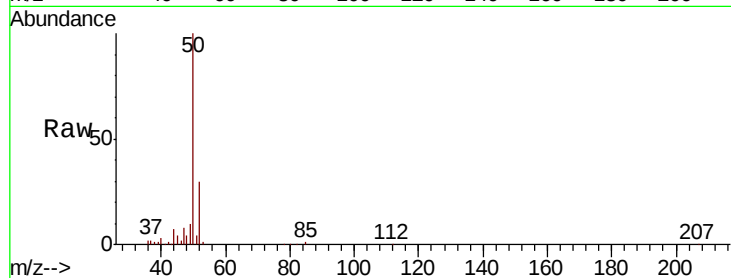
52 30.4 25.5 38.3

Manual Integrations

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8/31/2019 9:11:51 AM



#4

Vinyl Chloride

Concen: 20.702 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012367.D

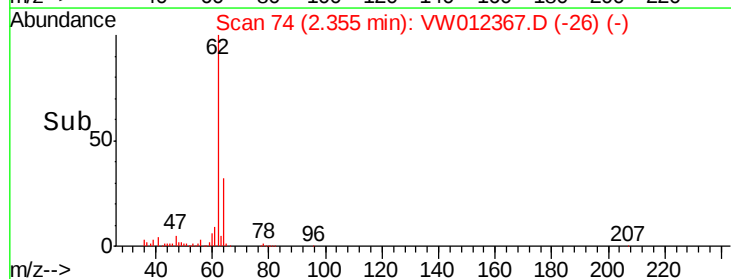
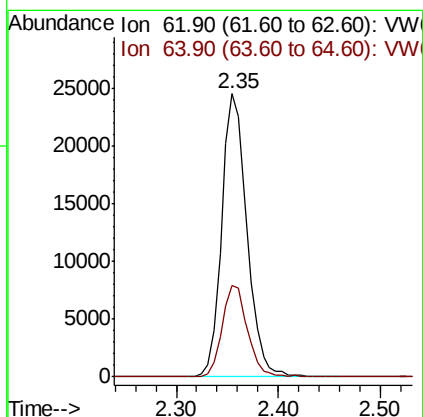
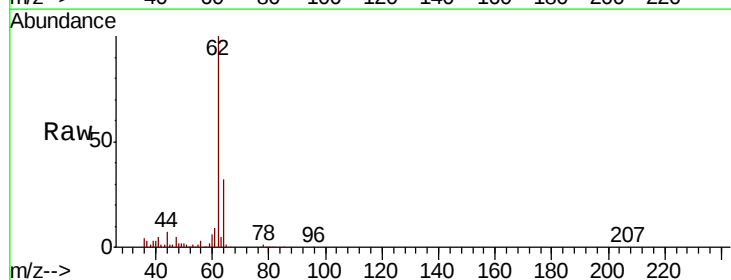
Acq: 30 Aug 2019 23:54

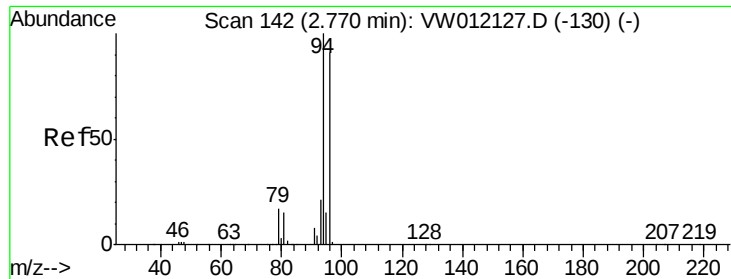
Tgt Ion: 62 Resp: 42134

Ion Ratio Lower Upper

62 100

64 32.4 25.3 37.9





#5

Bromomethane

Concen: 21.402 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 94 Resp: 22060

Ion Ratio Lower Upper

94 100

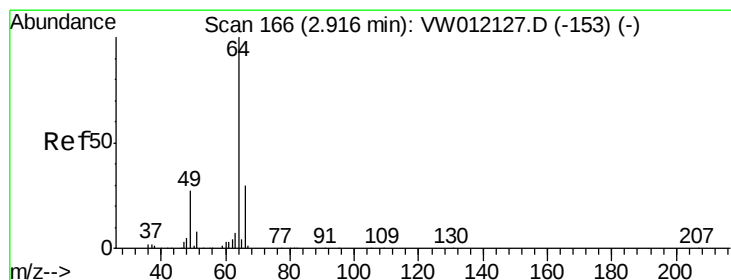
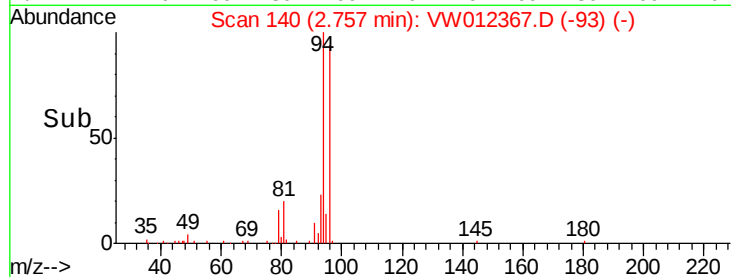
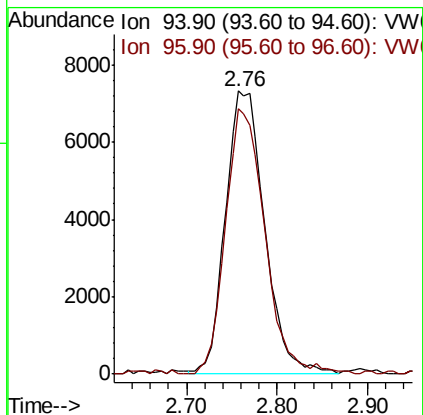
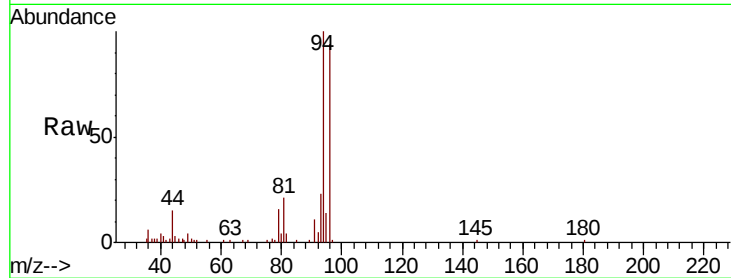
96 93.7 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 21.350 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012367.D

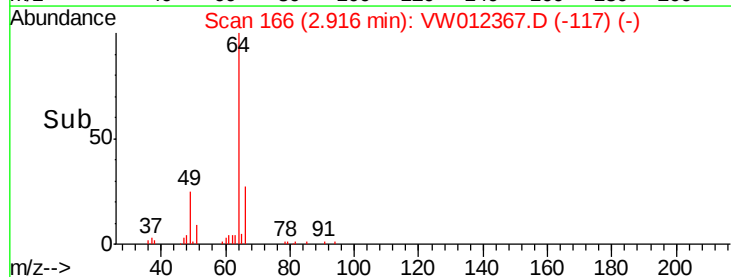
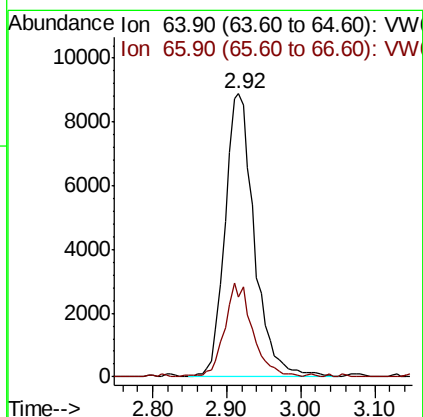
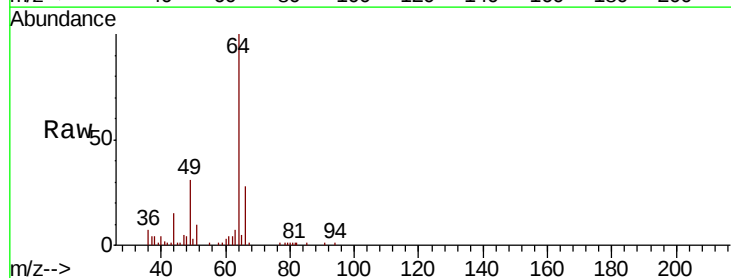
Acq: 30 Aug 2019 23:54

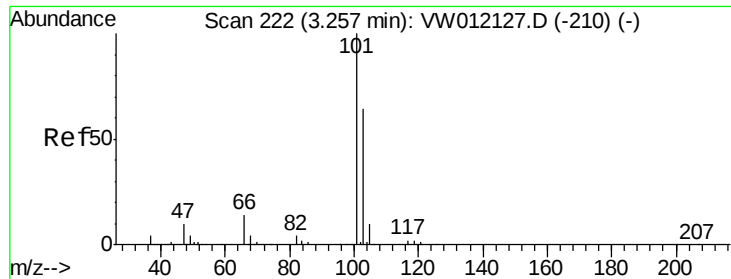
Tgt Ion: 64 Resp: 24512

Ion Ratio Lower Upper

64 100

66 28.1 23.8 35.8





#7

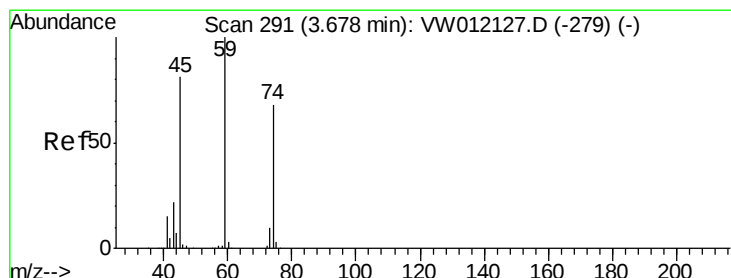
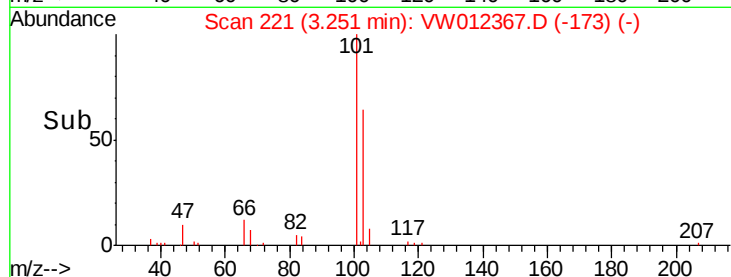
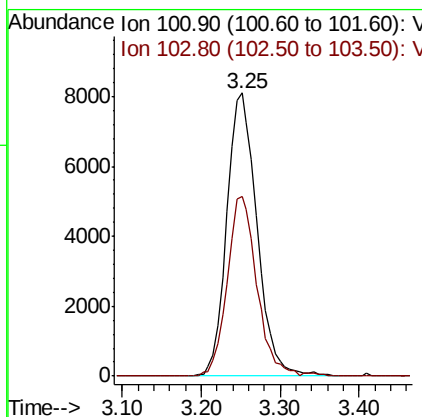
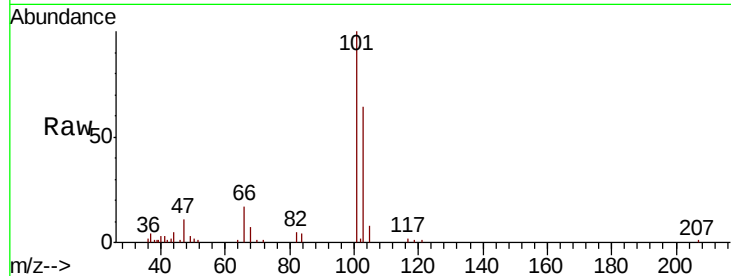
Trichlorofluoromethane  
 Concen: 21.115 ug/l  
 RT: 3.25 min Scan# 221  
 Delta R.T. -0.01 min  
 Lab File: VW012367.D  
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Instrument :  
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 VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.6  | 51.2  | 76.8  |

Manual Integrations  
 APPROVED

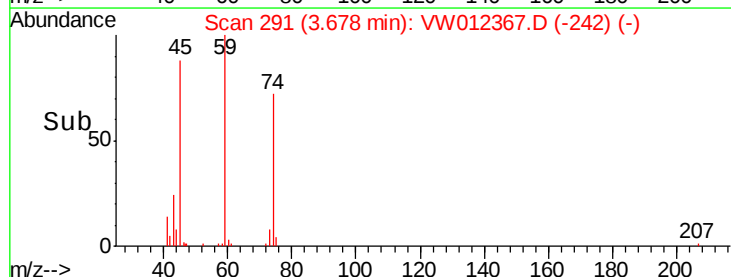
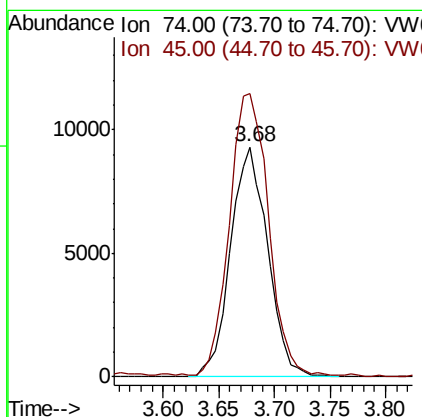
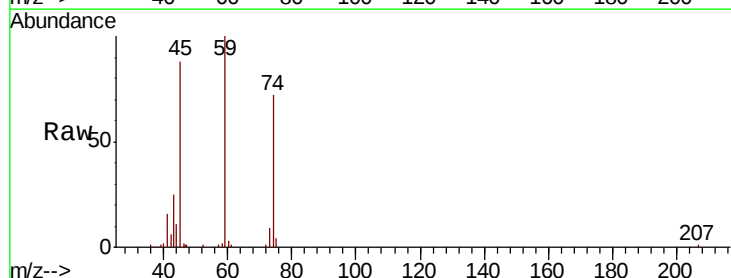
MMDadoda  
 8/31/2019 9:11:51 AM

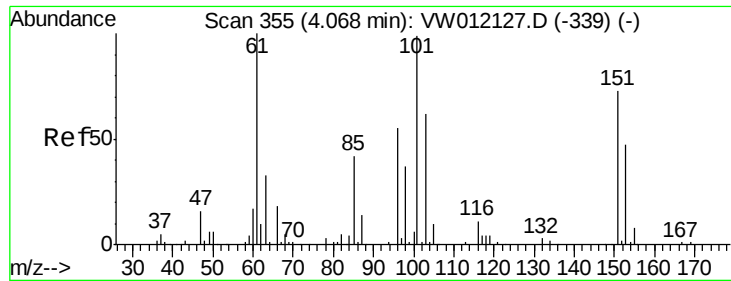


#8

Diethyl Ether  
 Concen: 22.173 ug/l  
 RT: 3.68 min Scan# 291  
 Delta R.T. -0.00 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 131.0 | 59.2  | 177.6 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.895 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

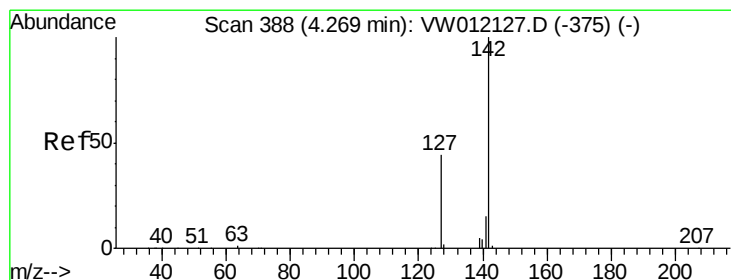
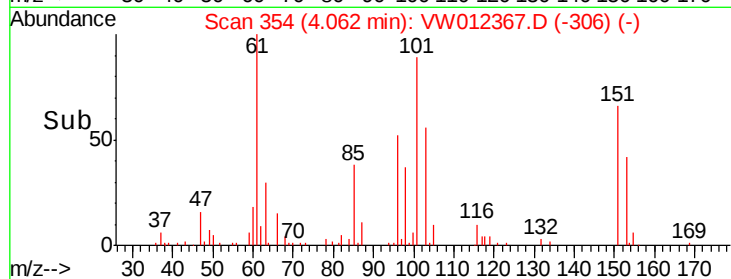
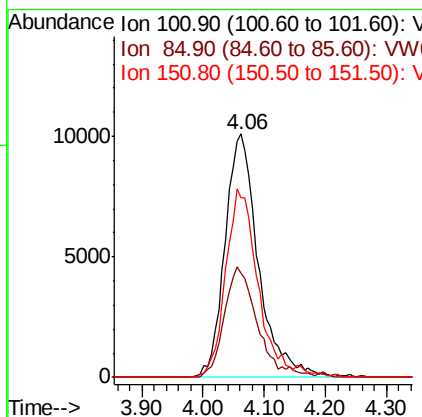
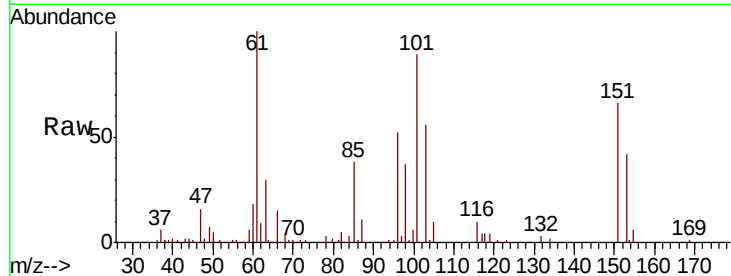
ClientSampleId :

VW0830SBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 38034 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.0  | 35.8  | 53.6  |
| 151       | 73.4  | 58.6  | 87.8  |

Manual Integrations  
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8/31/2019 9:11:51 AM



#10

Methyl Iodide

Concen: 21.176 ug/l

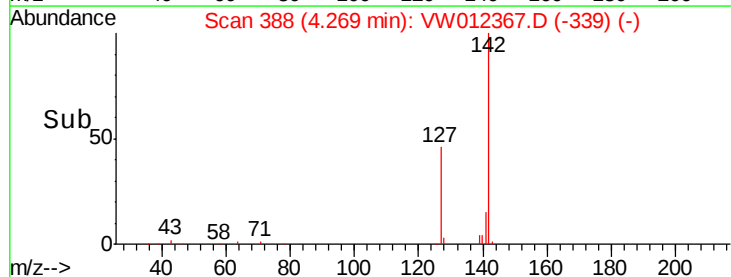
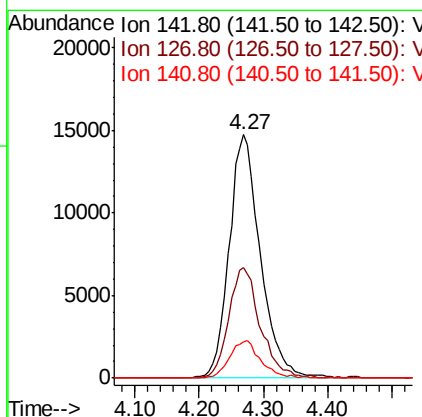
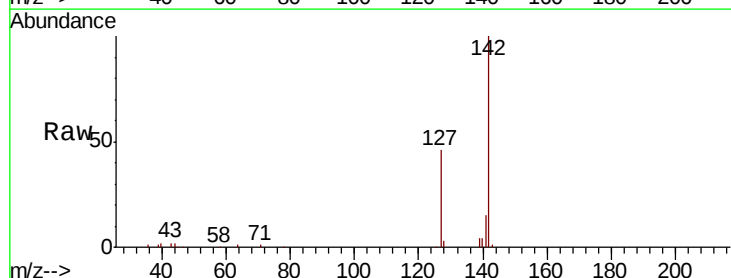
RT: 4.27 min Scan# 388

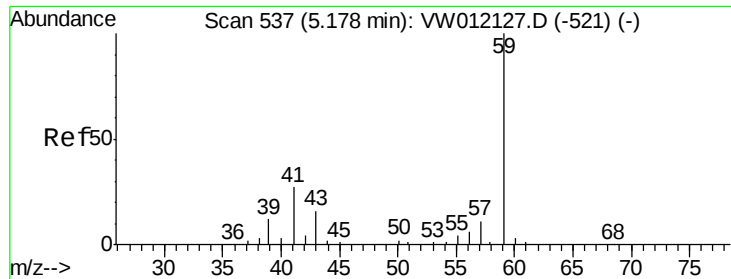
Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 49771 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 45.9  | 35.5  | 53.3  |
| 141       | 15.4  | 11.8  | 17.8  |





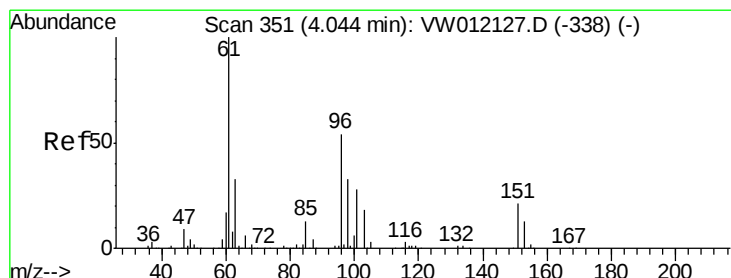
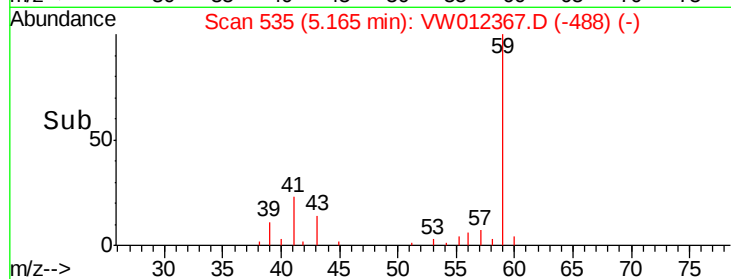
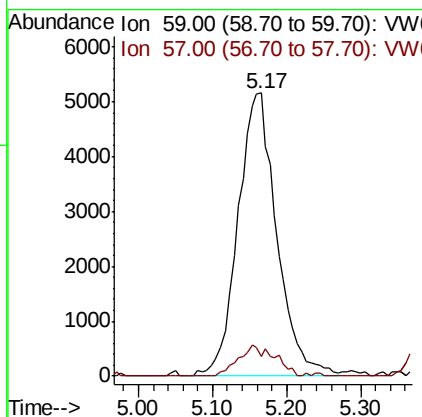
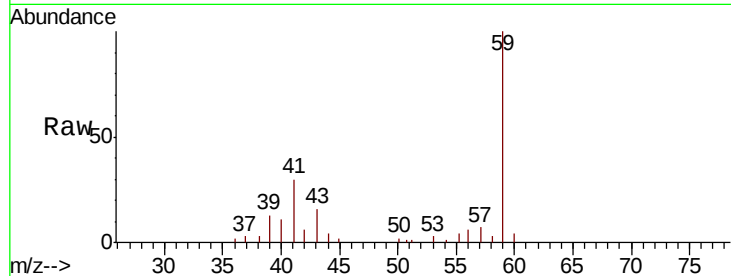
#11  
Tert butyl alcohol  
Concen: 151.276 ug/l  
RT: 5.17 min Scan# 535  
Delta R.T. -0.01 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.1  | 9.0   | 13.4  |

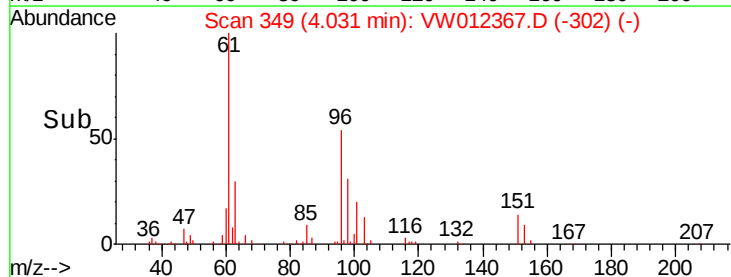
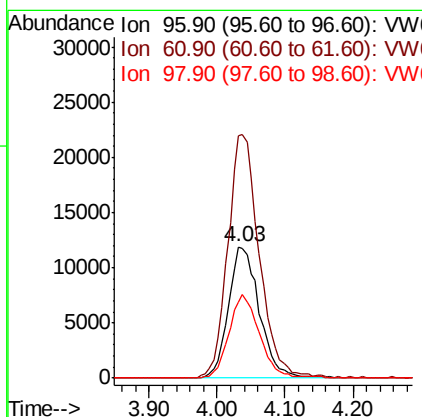
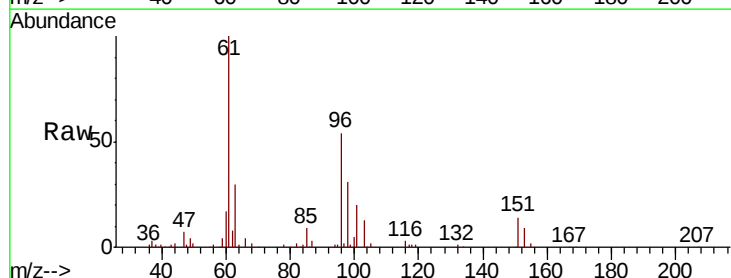
Manual Integrations  
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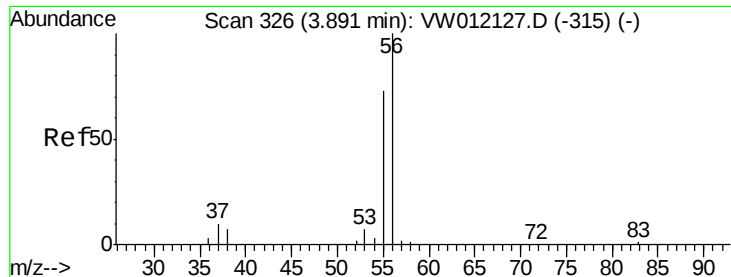
MMDadoda  
8/31/2019 9:11:51 AM



#12  
1,1-Dichloroethene  
Concen: 21.439 ug/l  
RT: 4.03 min Scan# 349  
Delta R.T. -0.01 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 185.3 | 149.1 | 223.7 |
| 98      | 58.2  | 49.4  | 74.2  |





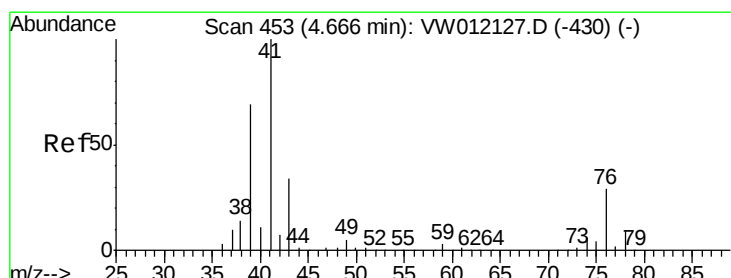
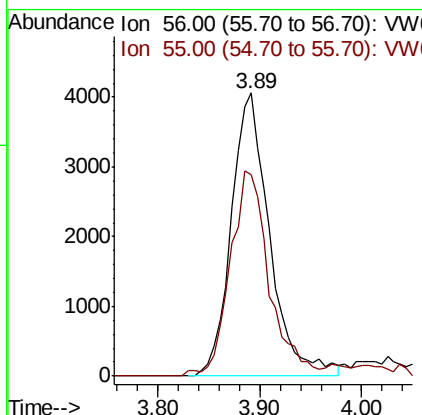
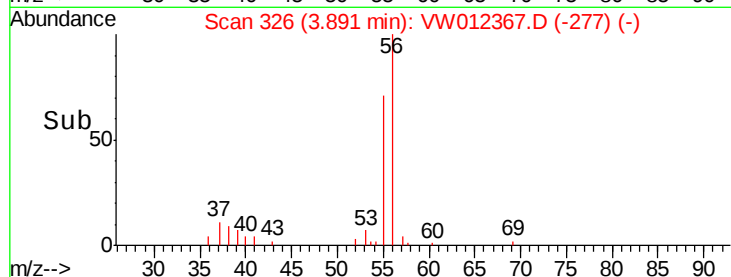
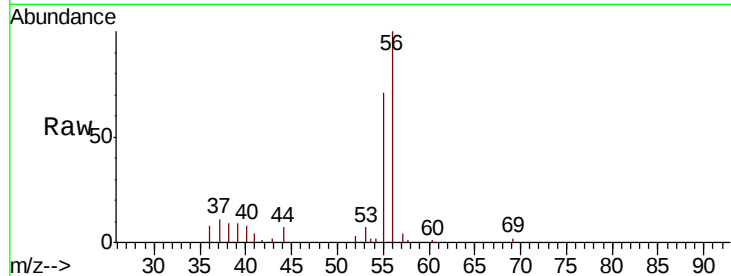
#13  
Acrolein  
Concen: 90.022 ug/l  
RT: 3.89 min Scan# 326  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 56      | 100  |       |       |       |
| 55      | 73.5 | 55.8  | 83.8  |       |

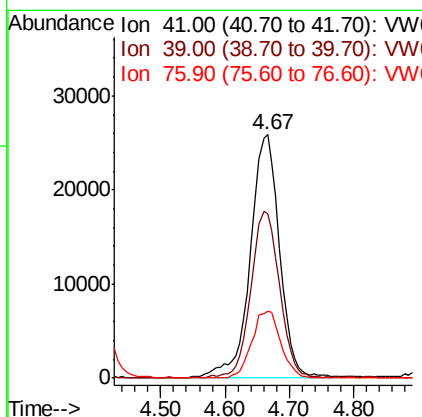
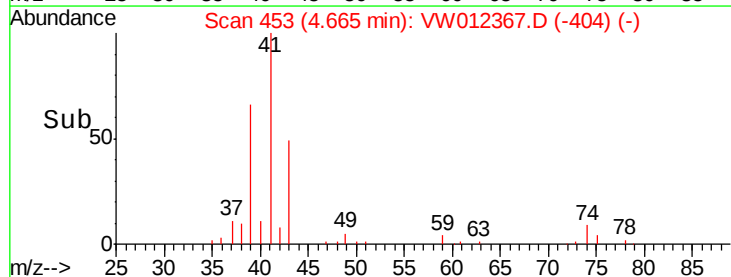
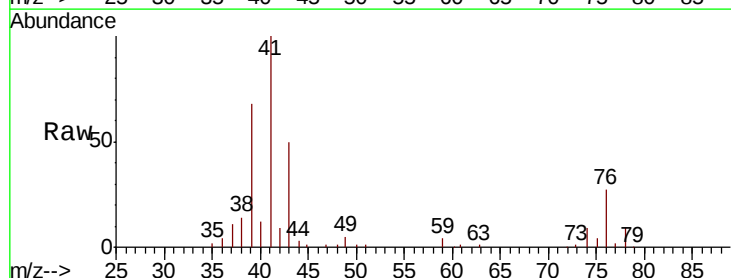
Manual Integrations  
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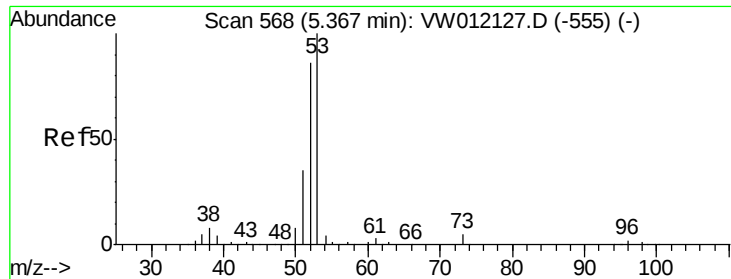
MMDadoda  
8/31/2019 9:11:51 AM



#14  
Allyl chloride  
Concen: 21.393 ug/l  
RT: 4.67 min Scan# 453  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 66.7 | 53.4  | 80.2  |       |
| 76      | 27.3 | 22.1  | 33.1  |       |





#15

Acrylonitrile

Concen: 132.107 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

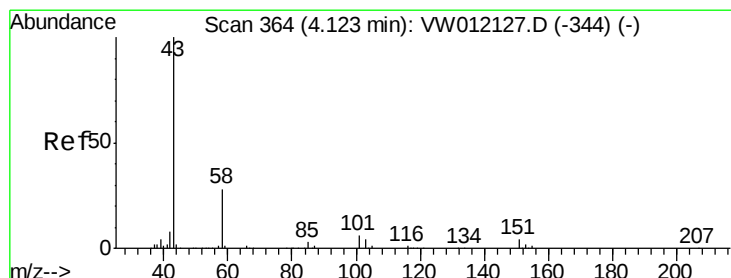
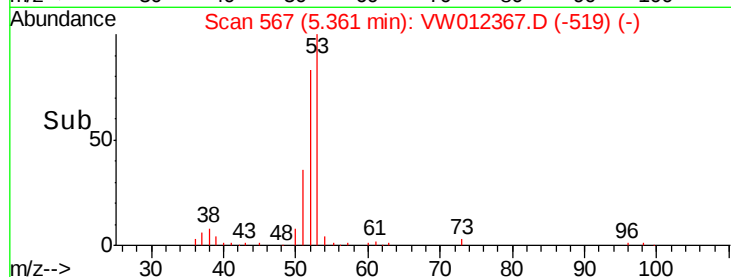
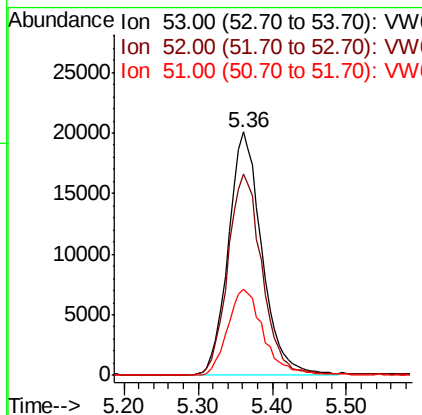
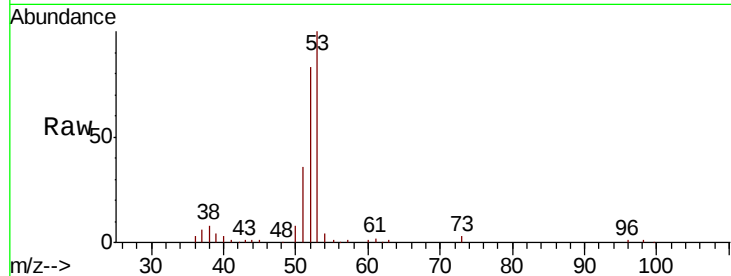
ClientSampleId :

VW0830SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 63518 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 84.1  | 66.7  | 100.1 |
| 51       | 37.8  | 30.1  | 45.1  |

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8/31/2019 9:11:51 AM



#16

Acetone

Concen: 110.076 ug/l

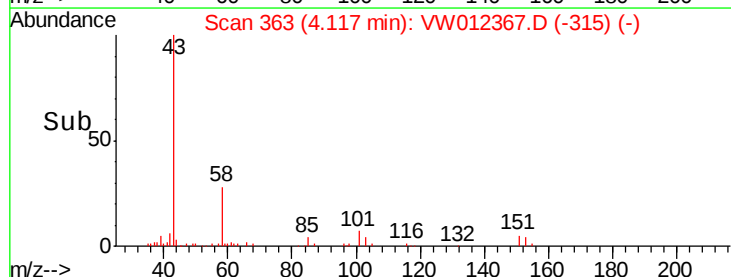
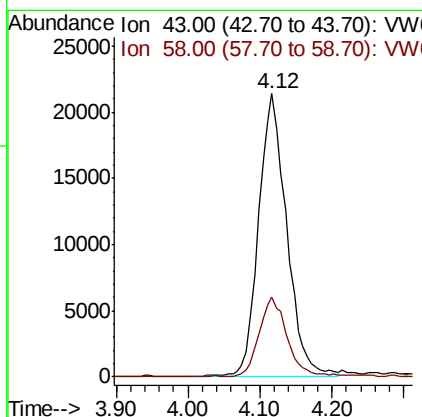
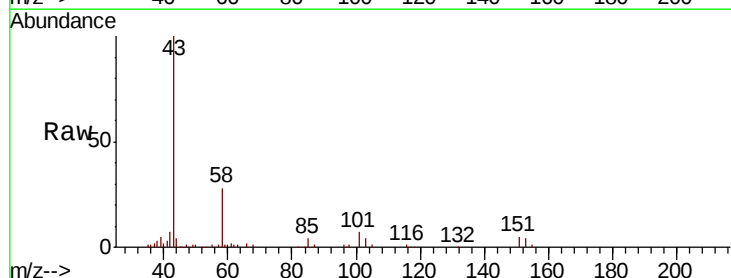
RT: 4.12 min Scan# 363

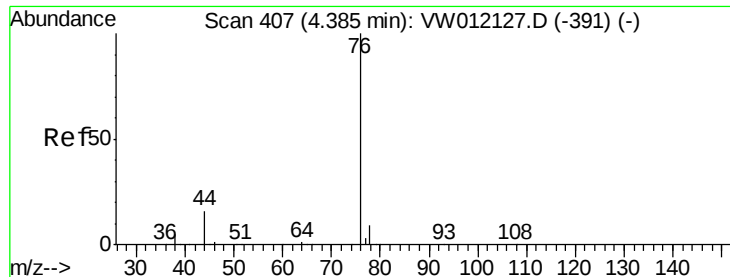
Delta R.T. -0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 58305 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 27.9  | 22.4  | 33.6  |





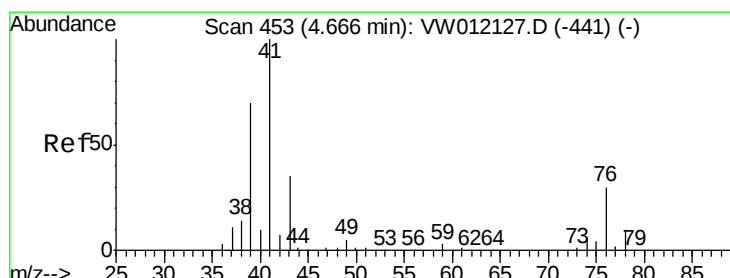
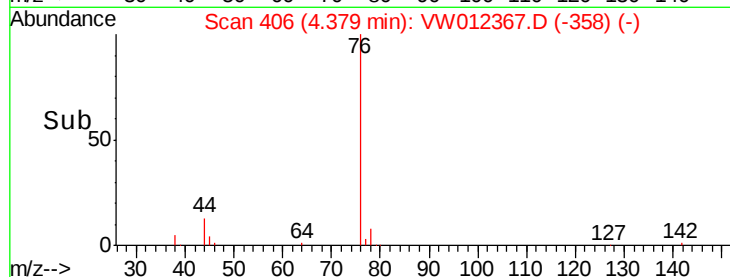
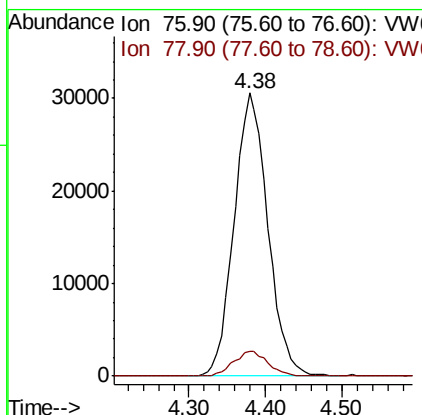
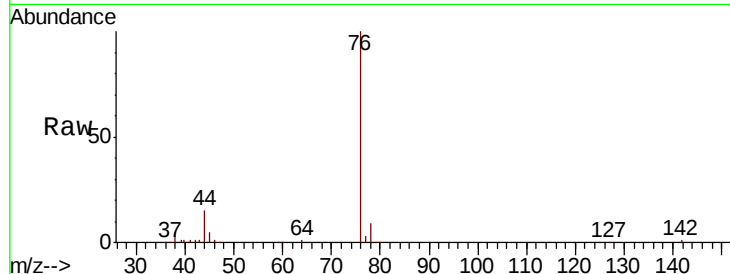
#17  
Carbon Disulfide  
Concen: 17.670 ug/l  
RT: 4.38 min Scan# 406  
Delta R.T. -0.01 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.8   | 7.3   | 10.9  |

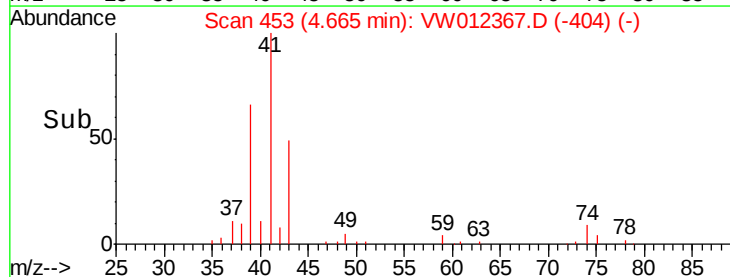
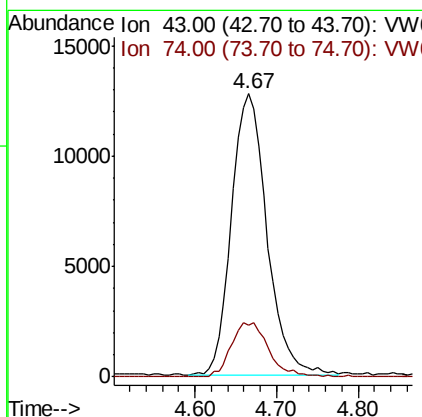
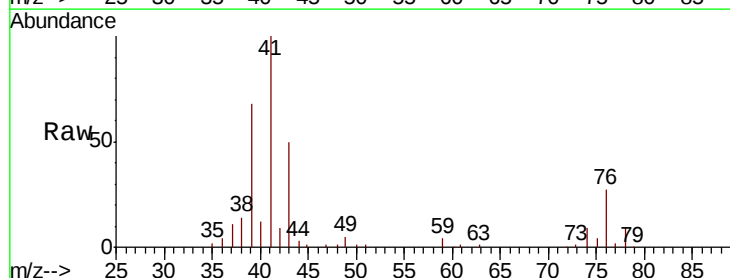
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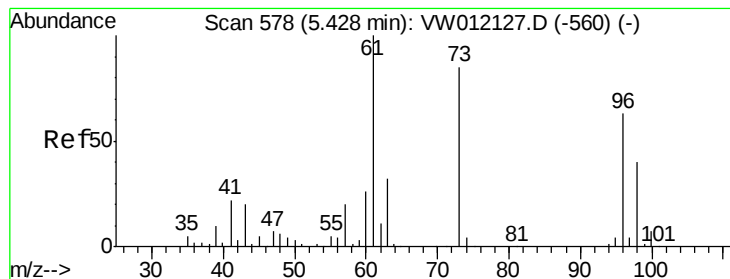
MMDadoda  
8/31/2019 9:11:51 AM



#18  
Methyl Acetate  
Concen: 29.402 ug/l  
RT: 4.67 min Scan# 453  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 20.2  | 15.7  | 23.5  |





#19

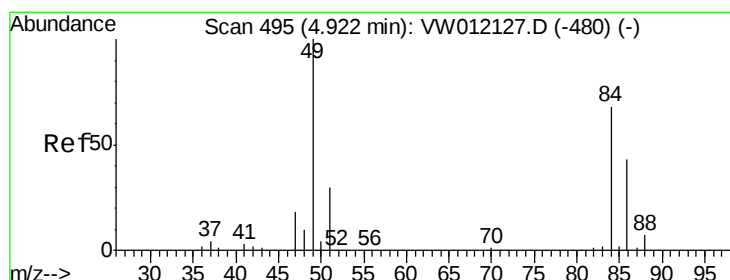
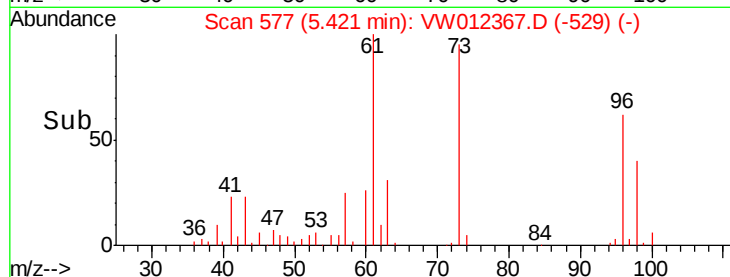
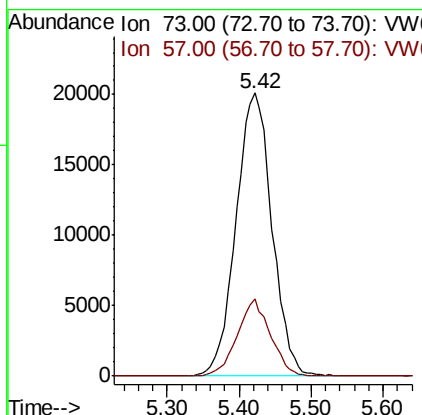
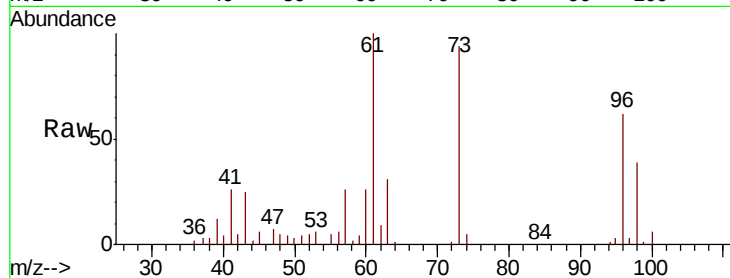
Methyl tert-butyl Ether  
 Concen: 24.640 ug/l  
 RT: 5.42 min Scan# 577  
 Delta R.T. -0.01 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 27.4  | 18.9  | 28.3  |

Manual Integrations  
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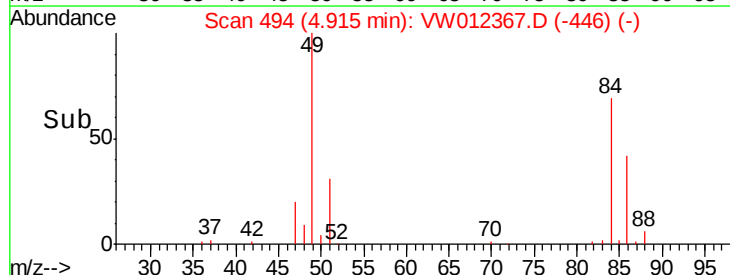
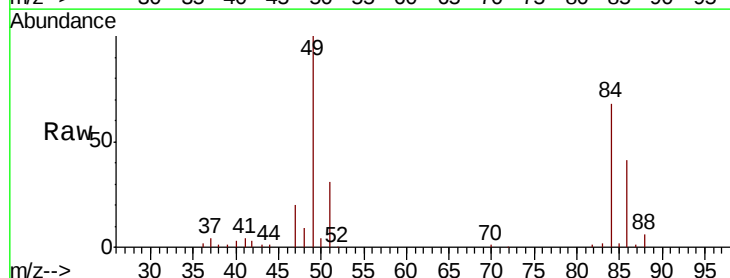
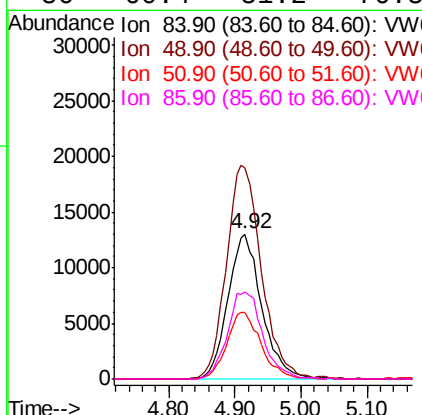
MMDadoda  
 8/31/2019 9:11:51 AM

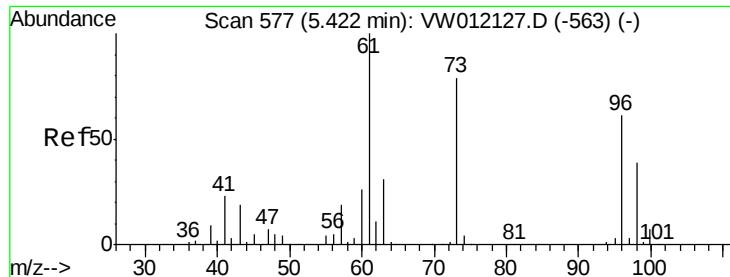


#20

Methylene Chloride  
 Concen: 22.991 ug/l  
 RT: 4.92 min Scan# 494  
 Delta R.T. -0.01 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 146.1 | 117.8 | 176.8 |
| 51      | 45.8  | 35.6  | 53.4  |
| 86      | 60.4  | 51.2  | 76.8  |





#21

trans-1,2-Dichloroethene

Concen: 21.263 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

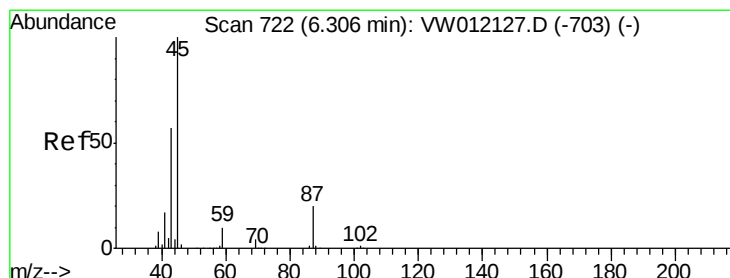
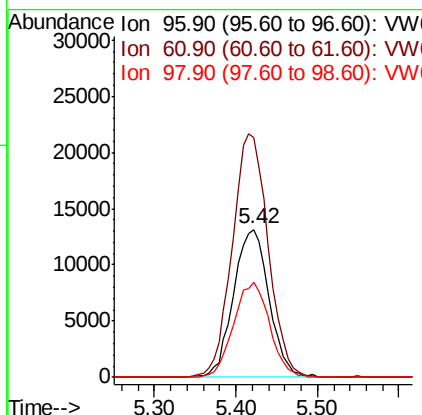
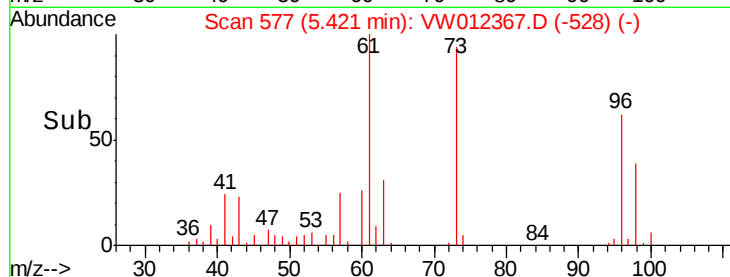
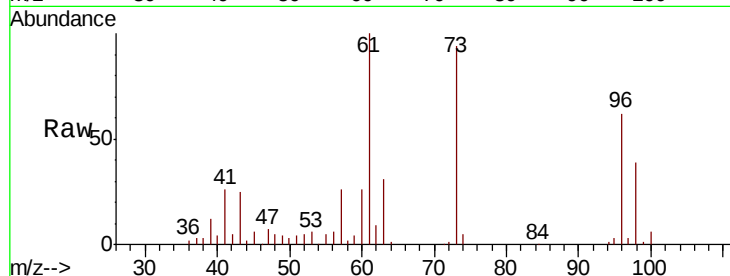
ClientSampleId :

VW0830SBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 39866 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 162.0 | 131.4 | 197.0 |
| 98       | 63.9  | 51.4  | 77.0  |

Manual Integrations  
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MMDadoda  
8/31/2019 9:11:51 AM



#22

Diisopropyl ether

Concen: 23.513 ug/l

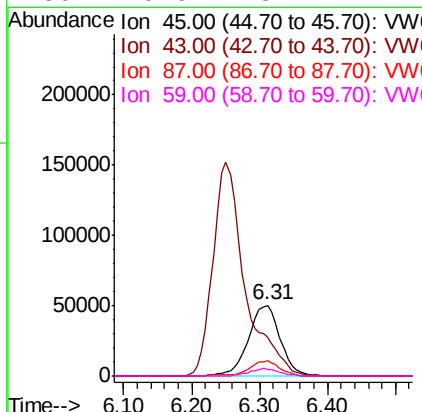
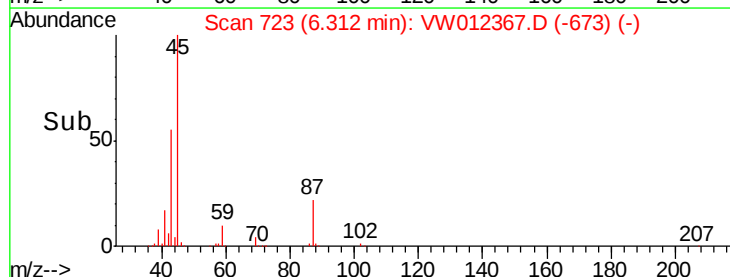
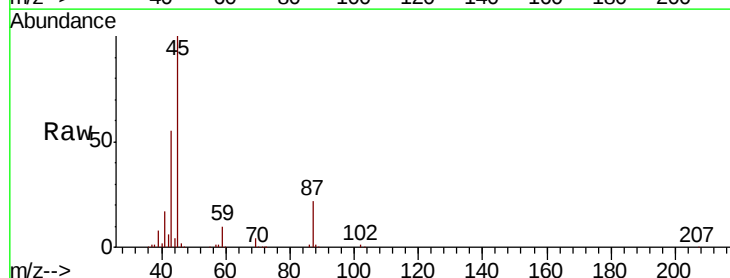
RT: 6.31 min Scan# 723

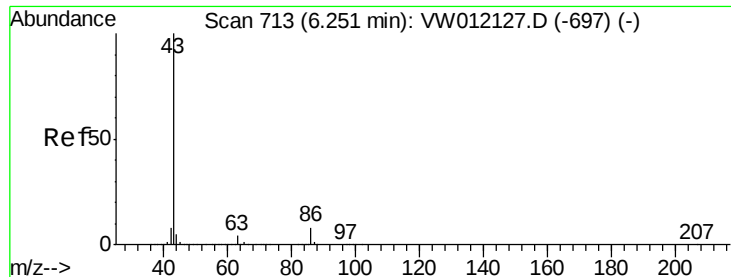
Delta R.T. 0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 162908 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 54.2  | 45.5  | 68.3   |
| 87       | 22.4  | 16.1  | 24.1   |
| 59       | 9.9   | 8.2   | 12.2   |





#23

Vinyl Acetate

Concen: 117.275 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012367.D

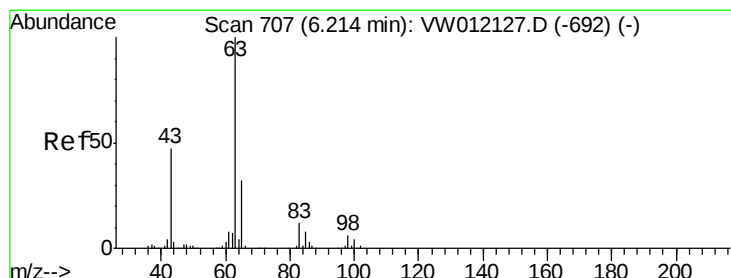
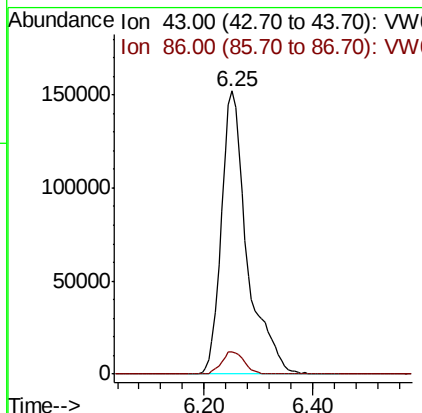
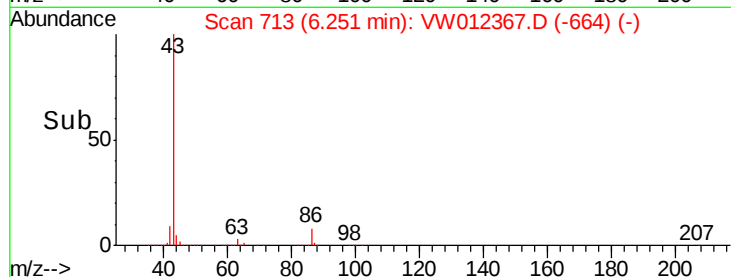
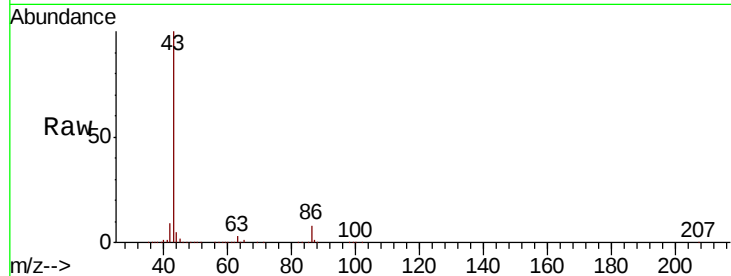
Acq: 30 Aug 2019 23:54

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 43    | Resp: | 500047 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 86        | 7.9   | 6.5   | 9.7    |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

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#24

1,1-Dichloroethane

Concen: 22.436 ug/l

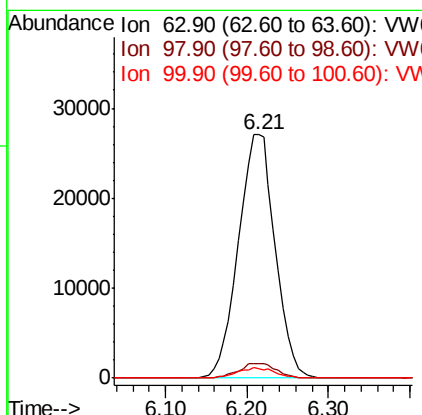
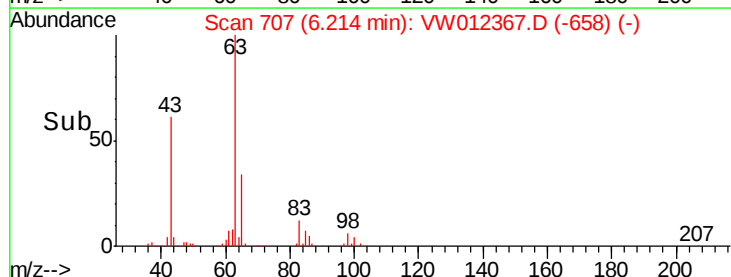
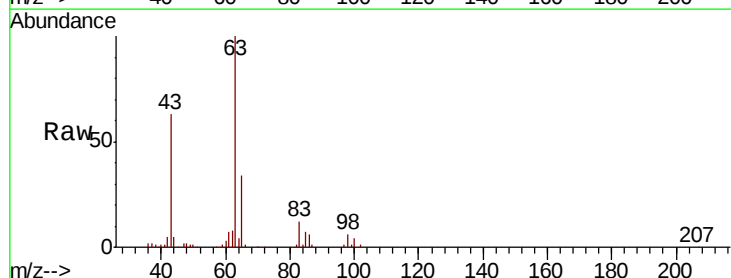
RT: 6.21 min Scan# 707

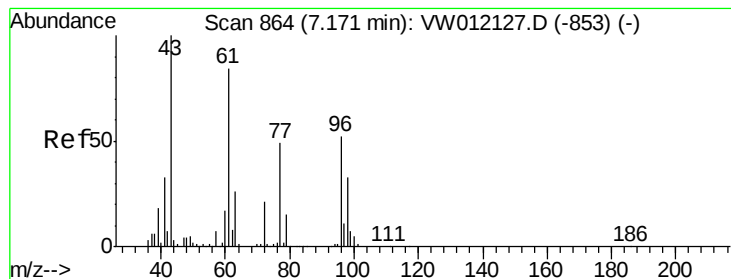
Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 63    | Resp: | 84637 |
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 98        | 5.9   | 3.0   | 9.2   |
| 100       | 4.1   | 2.0   | 6.0   |





#25

2-Butanone

Concen: 126.000 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 43 Resp: 90691

Ion Ratio Lower Upper

43 100

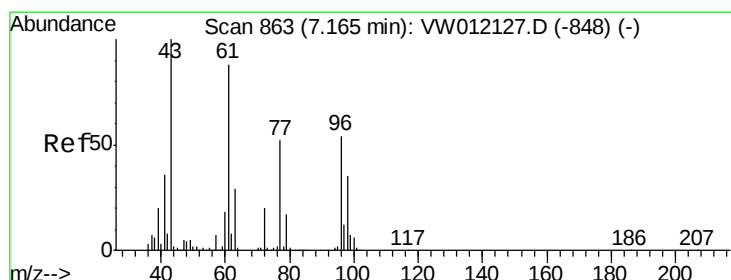
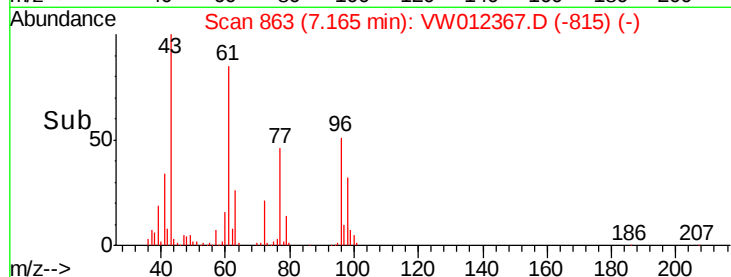
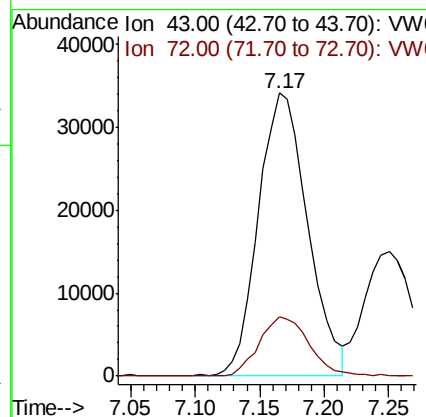
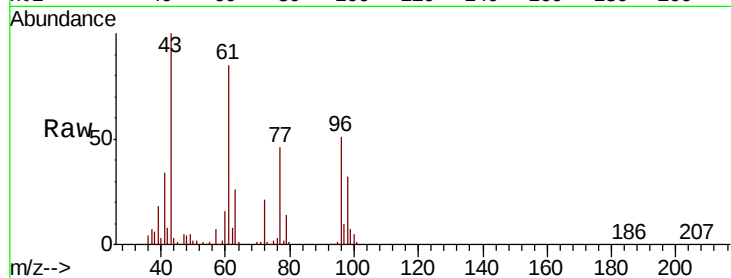
72 21.0 16.6 24.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.822 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012367.D

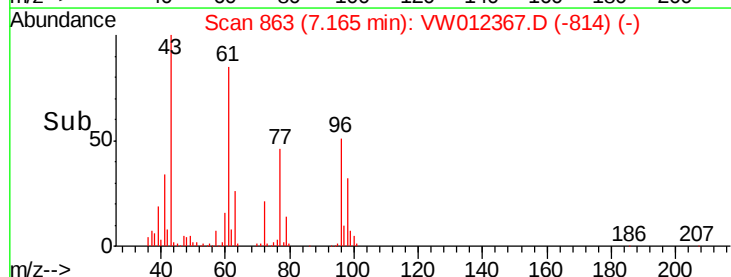
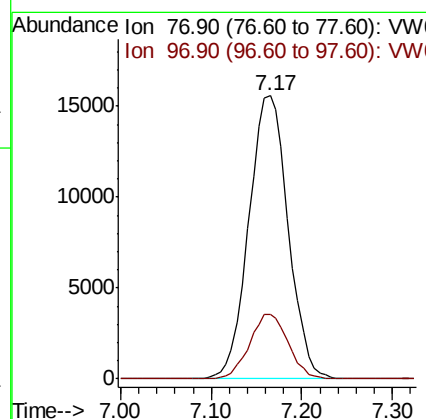
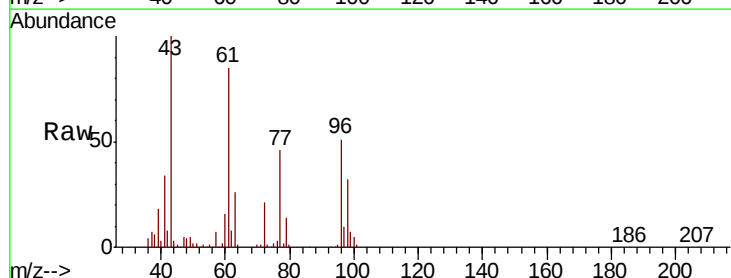
Acq: 30 Aug 2019 23:54

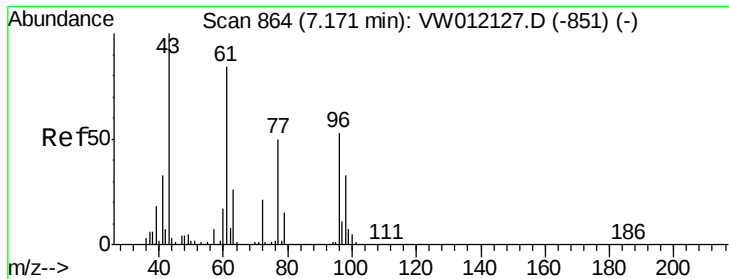
Tgt Ion: 77 Resp: 46595

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.1





#27

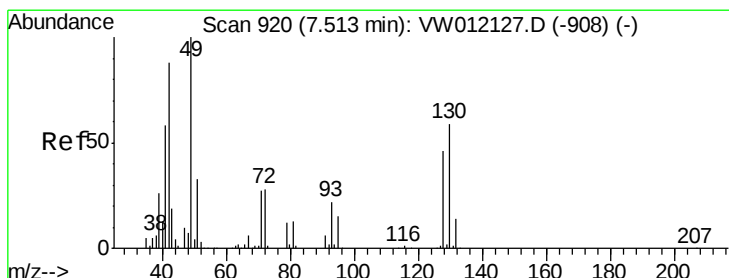
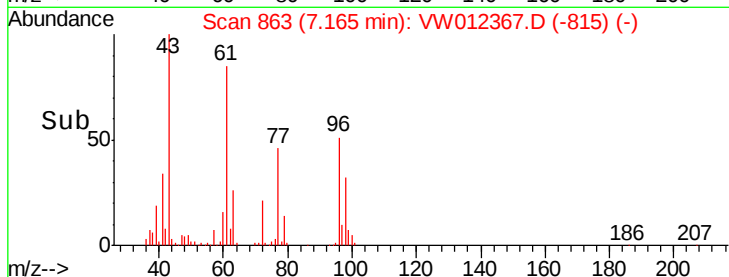
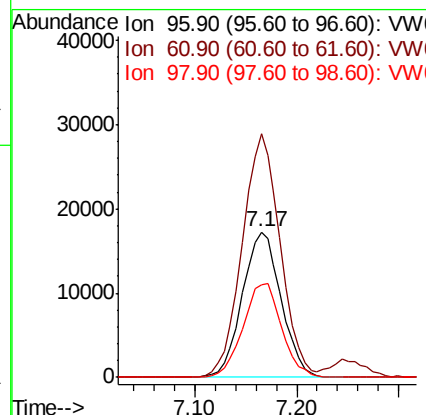
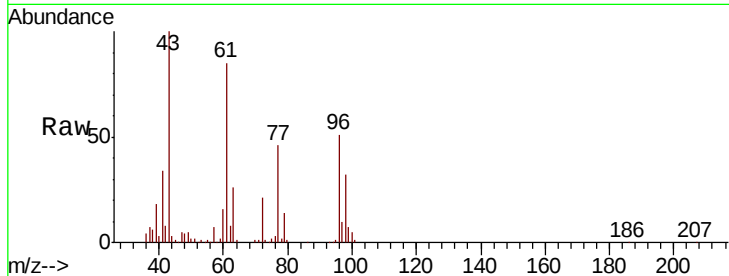
cis-1,2-Dichloroethene  
Concen: 22.665 ug/l  
RT: 7.17 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 164.1 | 0.0   | 326.6 |
| 98      | 64.3  | 0.0   | 127.4 |

Manual Integrations  
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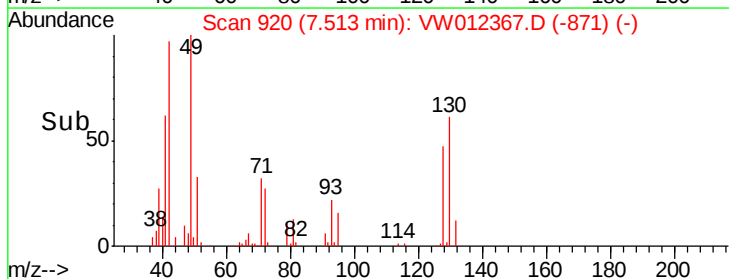
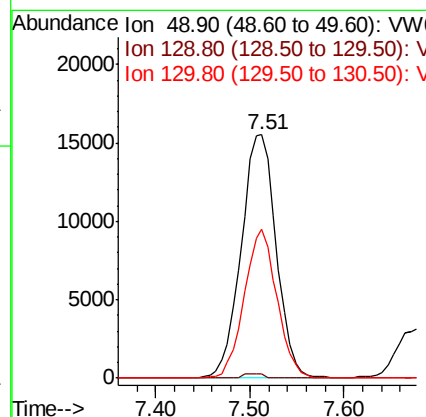
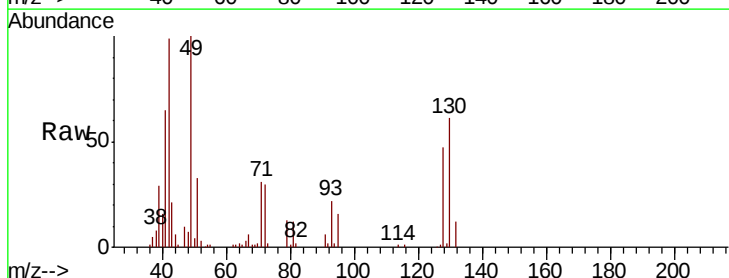
MMDadoda  
8/31/2019 9:11:51 AM

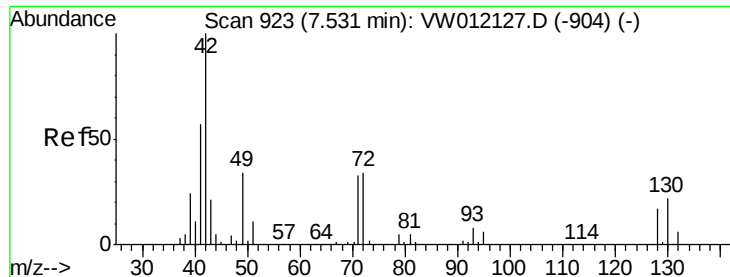


#28

Bromochloromethane  
Concen: 24.496 ug/l  
RT: 7.51 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.0   | 0.0   | 1.4   |
| 130     | 57.3  | 45.5  | 68.3  |





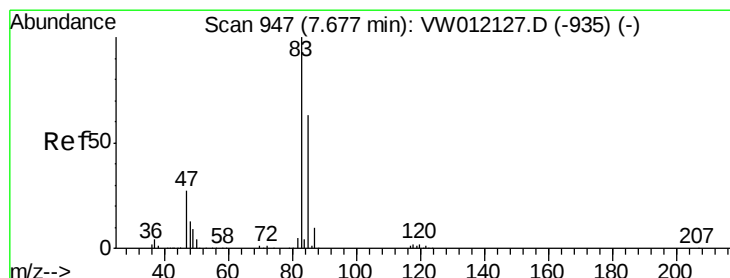
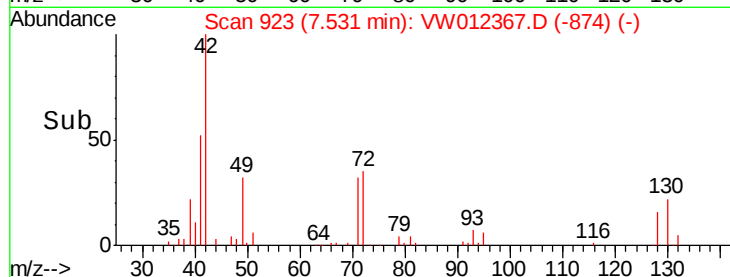
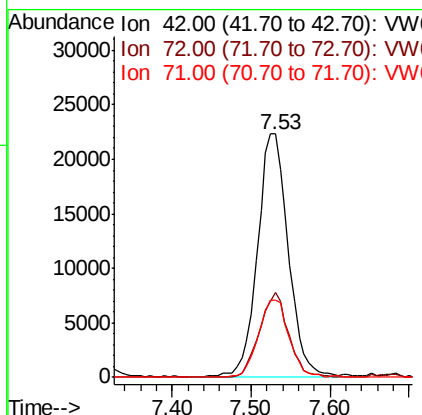
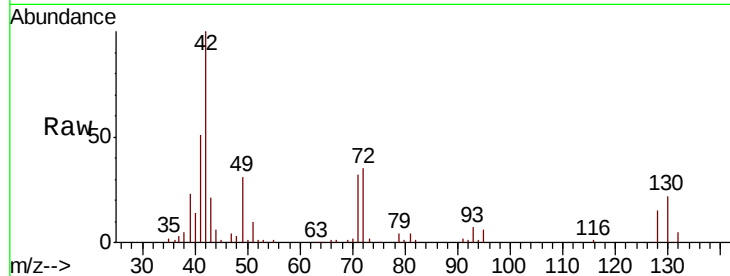
#29  
Tetrahydrofuran  
Concen: 141.060 ug/l  
RT: 7.53 min Scan# 923  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 32.6  | 27.3  | 40.9  |
| 71      | 31.3  | 25.5  | 38.3  |

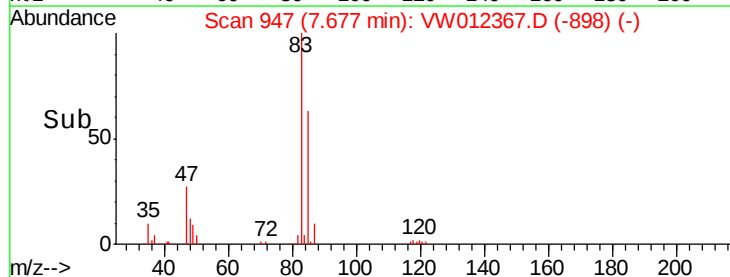
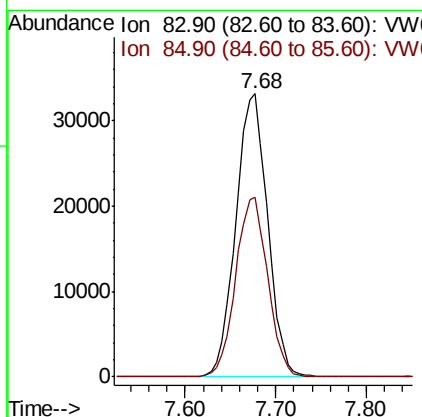
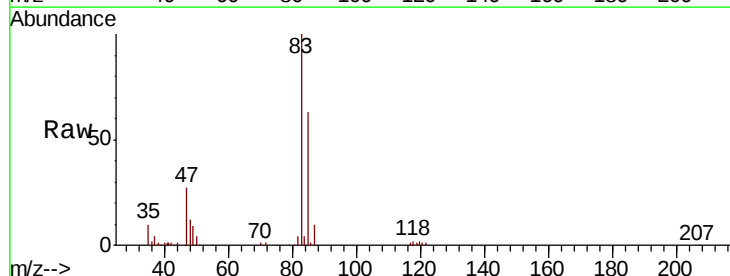
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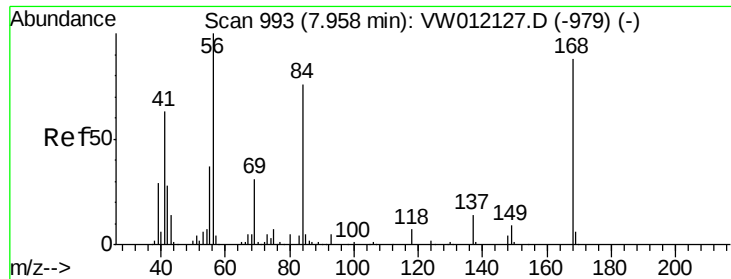
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#30  
Chloroform  
Concen: 23.372 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.4  | 50.6  | 76.0  |





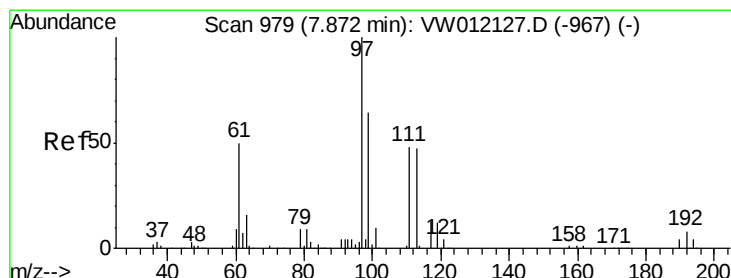
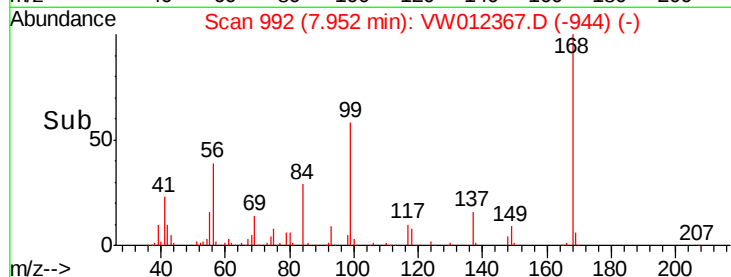
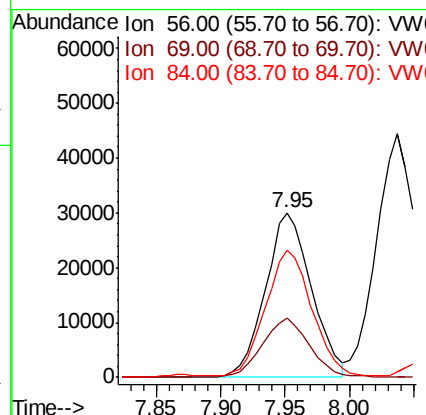
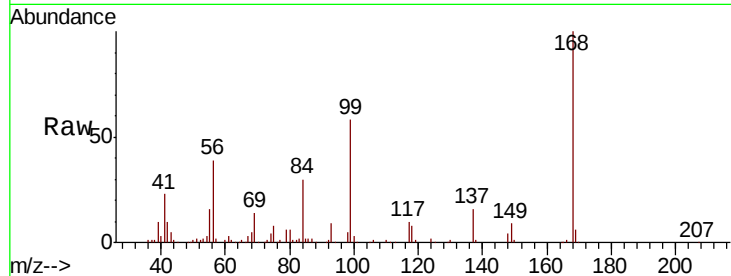
#31  
Cyclohexane  
Concen: 19.996 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 36.2  | 24.9  | 37.3  |
| 84      | 76.5  | 60.6  | 90.8  |

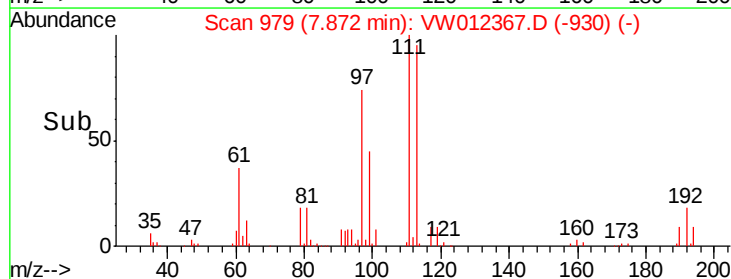
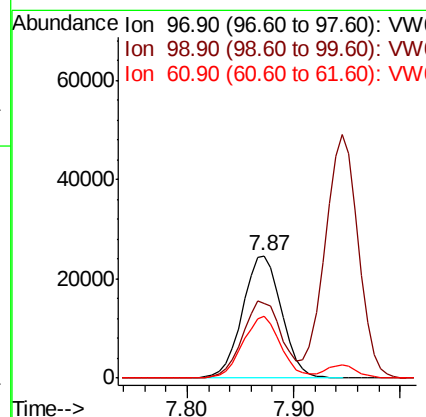
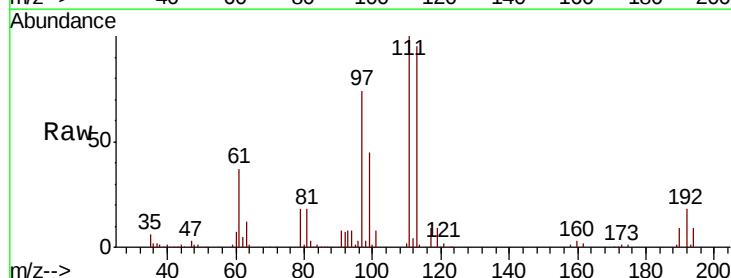
Manual Integrations  
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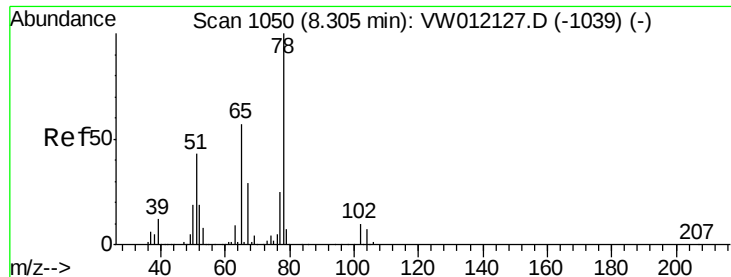
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#32  
1,1,1-Trichloroethane  
Concen: 23.226 ug/l  
RT: 7.87 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 62.3  | 51.4  | 77.0  |
| 61      | 49.6  | 39.5  | 59.3  |





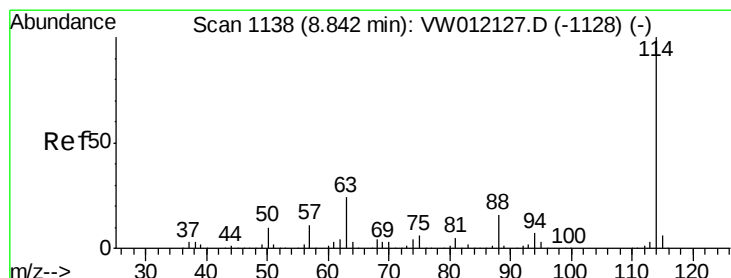
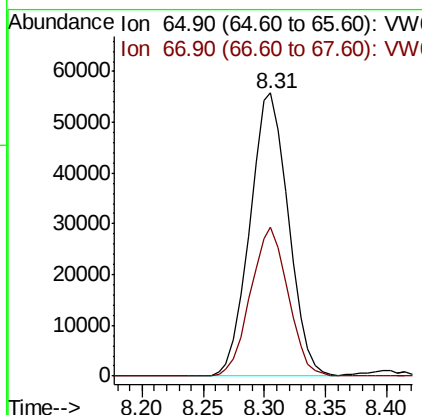
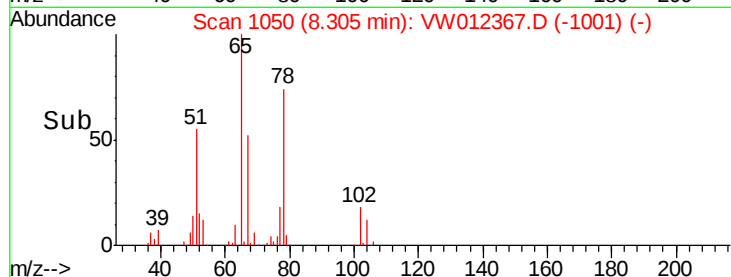
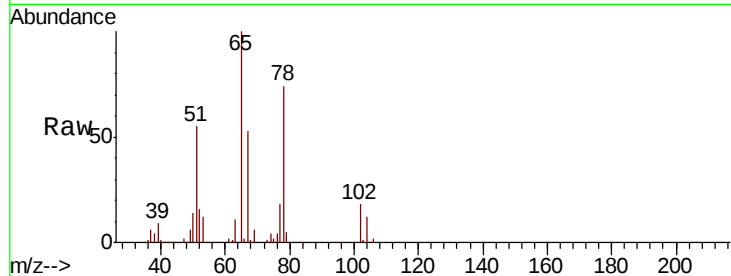
#33  
 1,2-Dichloroethane-d4  
 Concen: 59.071 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 51.3  | 0.0   | 102.6 |

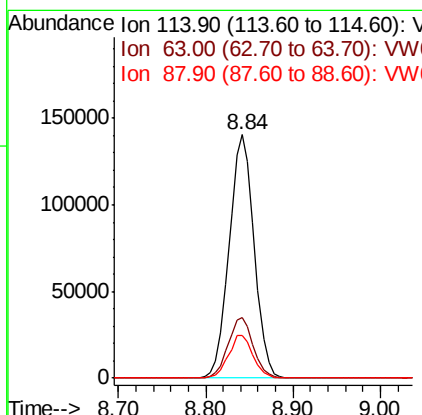
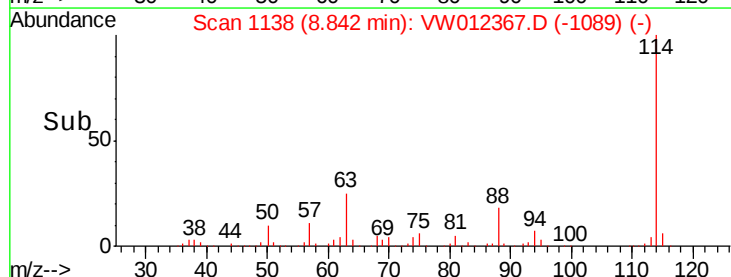
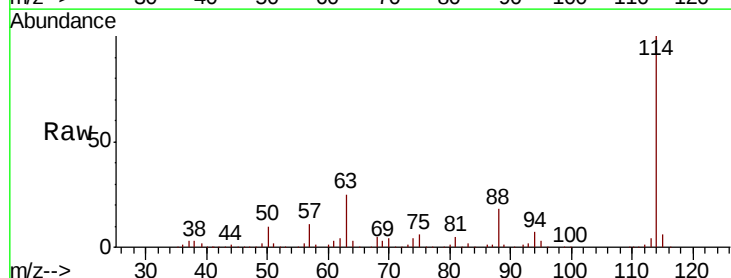
Manual Integrations  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

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





#35

Dibromofluoromethane

Concen: 55.415 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

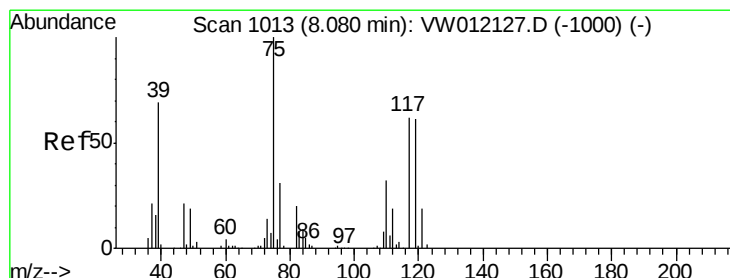
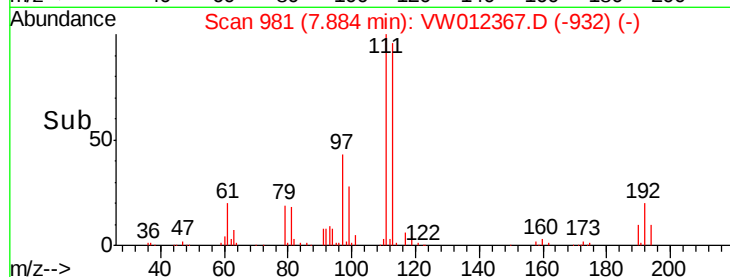
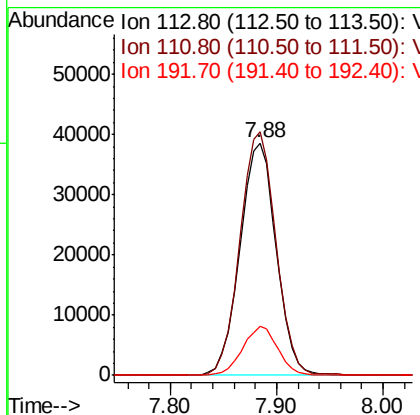
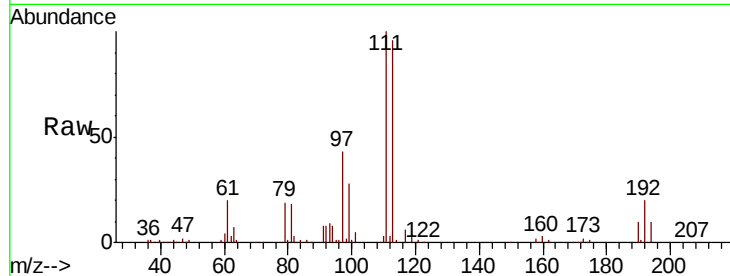
ClientSampleId :

VW0830SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 92116 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 104.0 | 82.7  | 124.1 |
| 192      | 20.5  | 16.2  | 24.2  |

Manual Integrations  
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8/31/2019 9:11:51 AM



#36

1,1-Dichloropropene

Concen: 21.947 ug/l

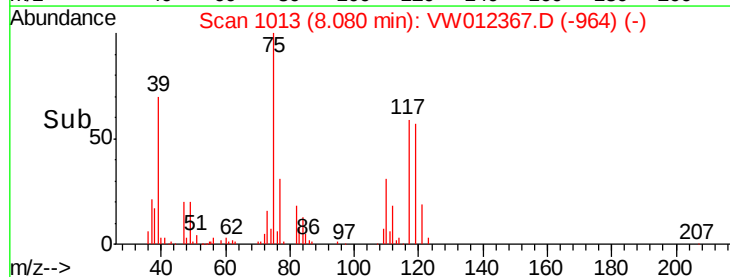
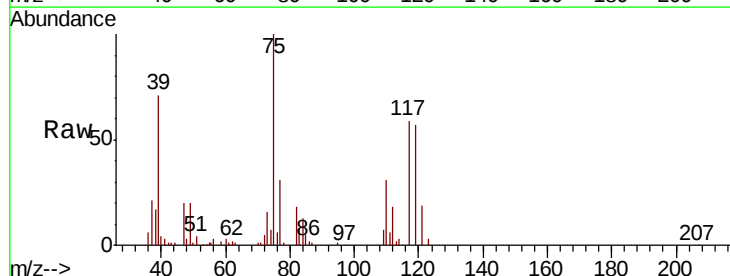
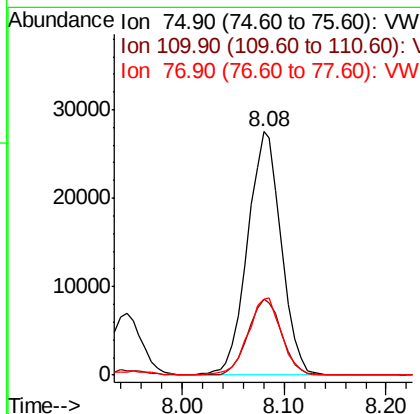
RT: 8.08 min Scan# 1013

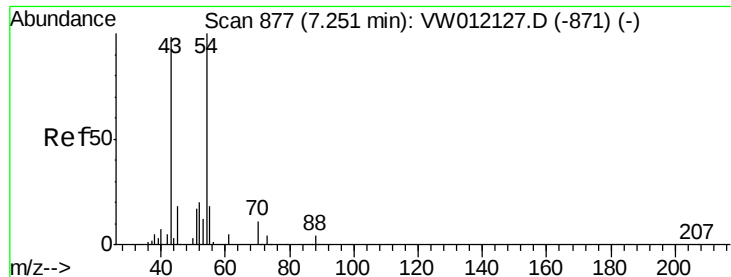
Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 63159 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 31.1  | 15.6  | 46.8  |
| 77       | 31.5  | 24.6  | 36.8  |





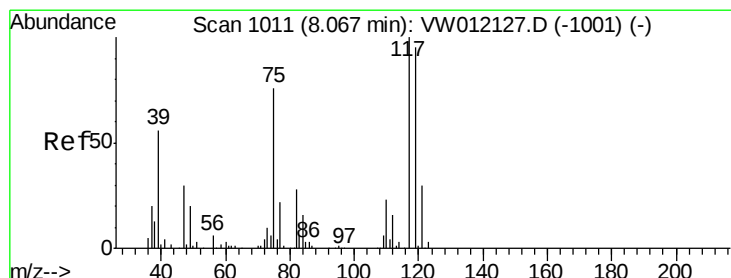
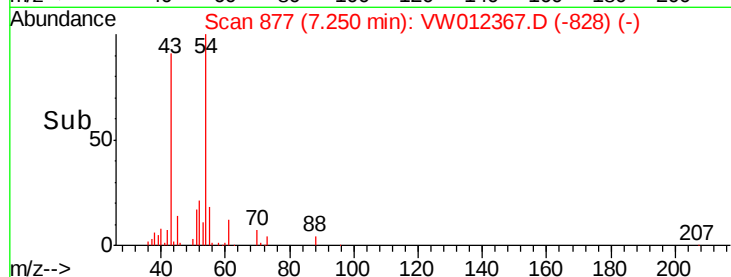
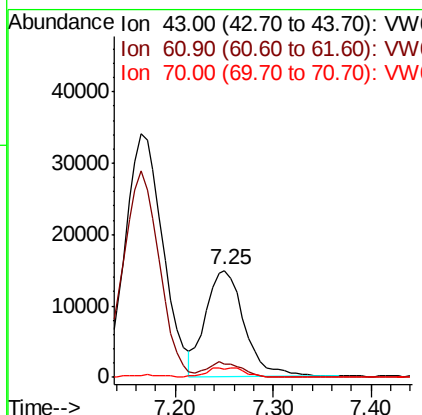
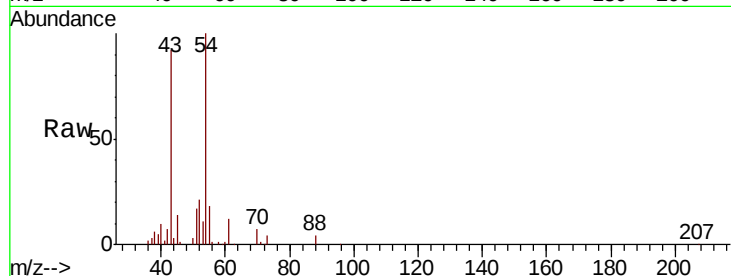
#37  
Ethyl Acetate  
Concen: 25.811 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 12.8  | 9.2   | 13.8  |
| 70      | 9.0   | 6.9   | 10.3  |

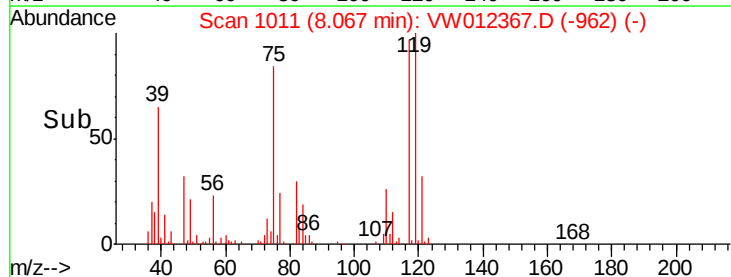
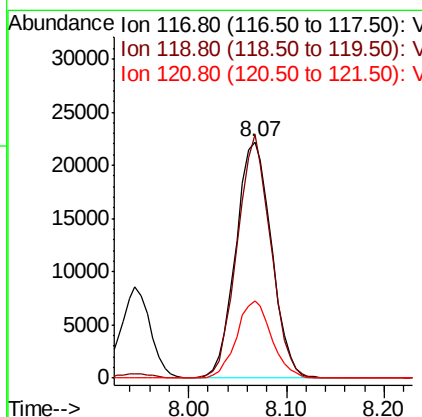
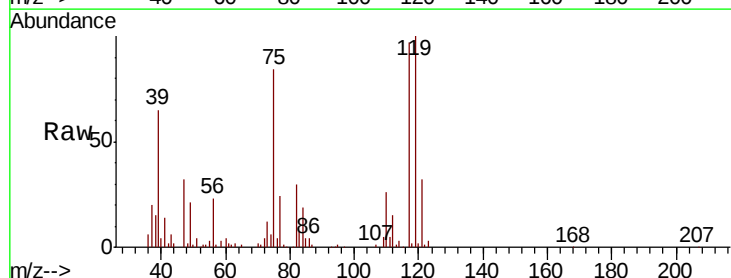
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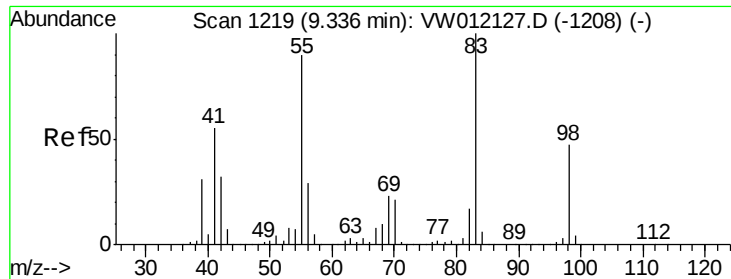
MMDadoda  
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#38  
Carbon Tetrachloride  
Concen: 22.555 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 103.2 | 76.2  | 114.2 |
| 121     | 32.7  | 23.8  | 35.8  |





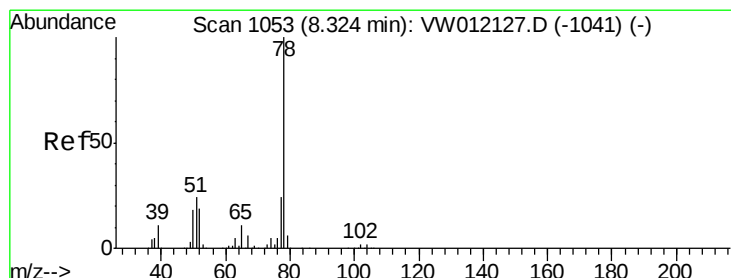
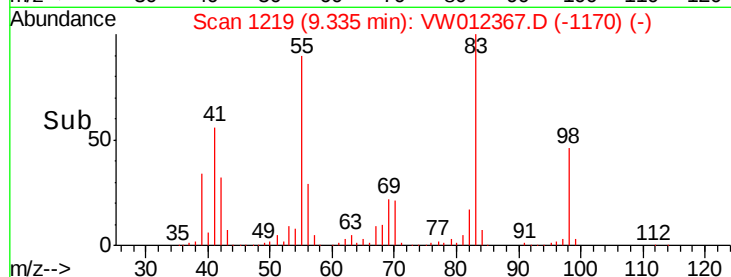
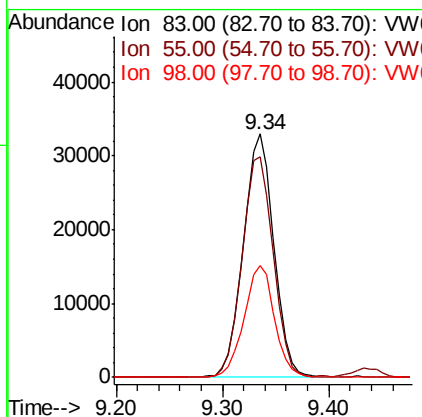
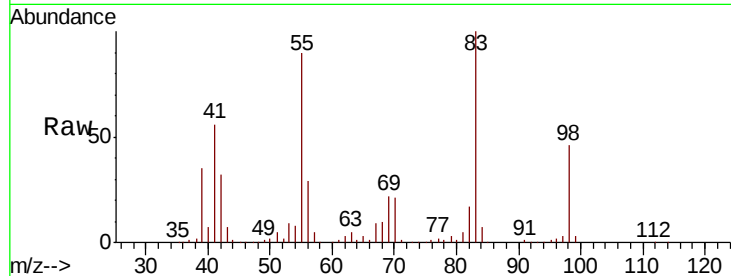
#39  
Methvlcvclohexane  
Concen: 20.544 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBSD02

| Tot Ion   | 83.00 | Resp  | 66418 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 55        | 90.4  | 71.8  | 107.8 |
| 98        | 45.8  | 37.8  | 56.8  |

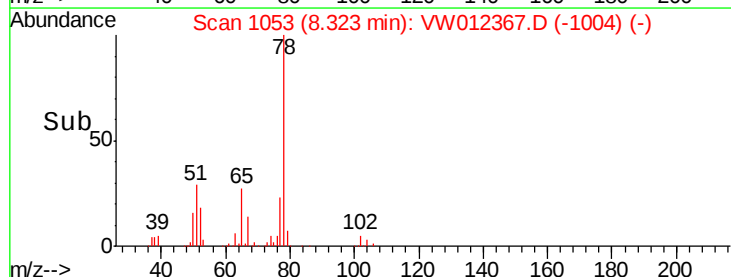
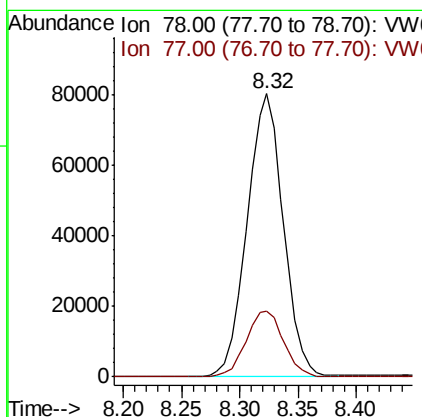
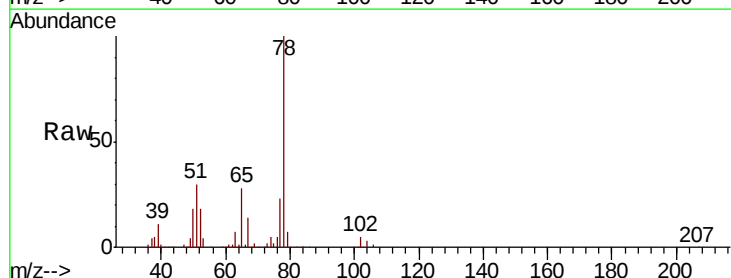
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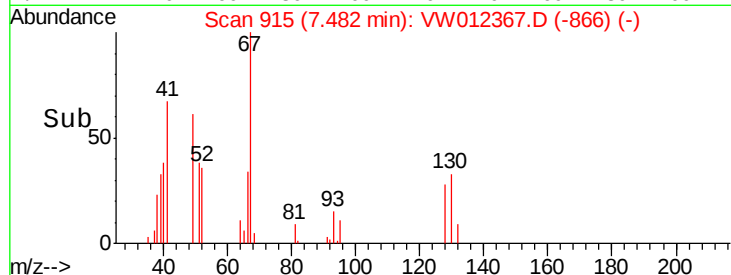
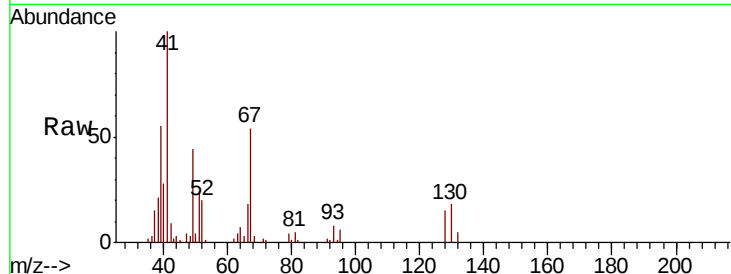
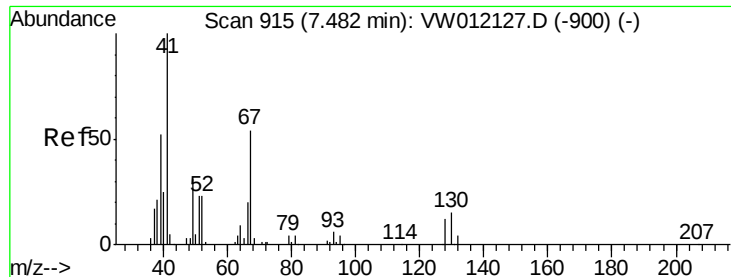
MMDadoda  
8/31/2019 9:11:51 AM



#40  
Benzene  
Concen: 22.160 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion   | 78    | Resp  | 174141 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 23.2  | 19.5  | 29.3   |





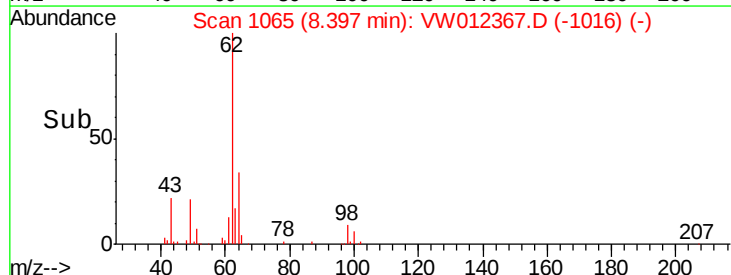
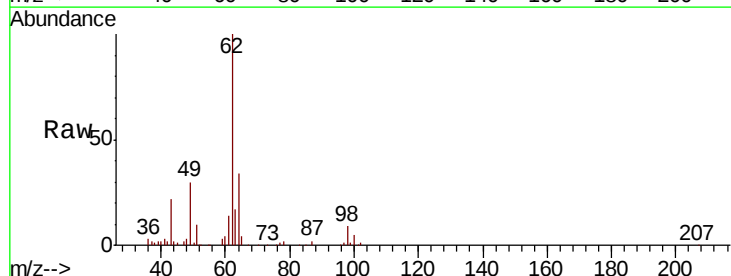
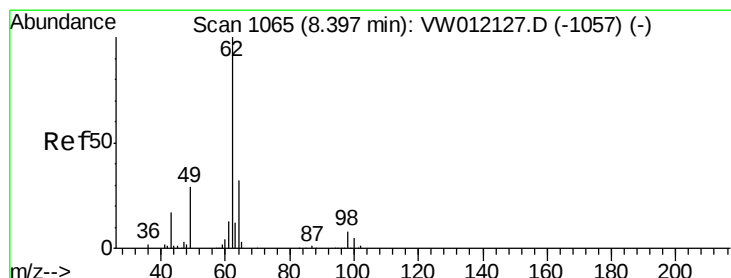
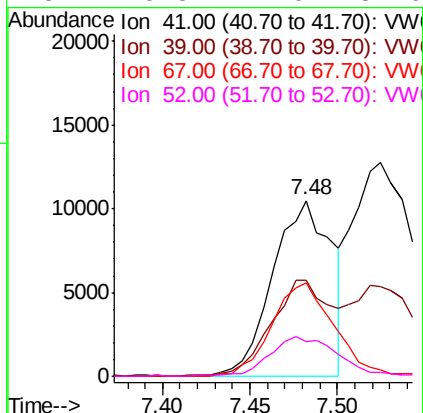
#41  
Methacrylonitrile  
Concen: 26.600 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tot Ion   | 41    | Resp  | 24655 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 55.4  | 45.8  | 68.8  |
| 67        | 56.7  | 46.2  | 69.4  |
| 52        | 26.3  | 21.0  | 31.6  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBSD02

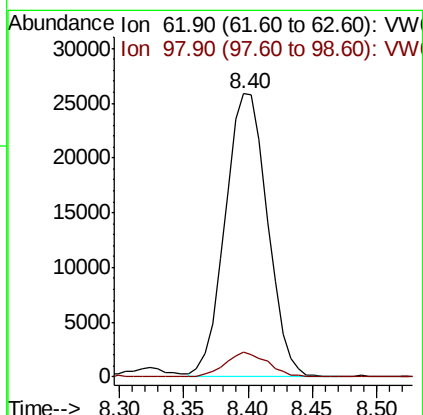
Manual Integrations  
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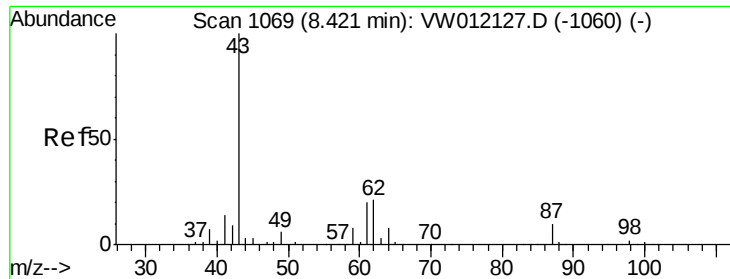
MMDadoda  
8/31/2019 9:11:51 AM



#42  
1,2-Dichloroethane  
Concen: 24.069 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion   | 62    | Resp  | 59278 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 8.6   | 0.0   | 16.6  |





#43

Isopropyl Acetate

Concen: 25.879 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

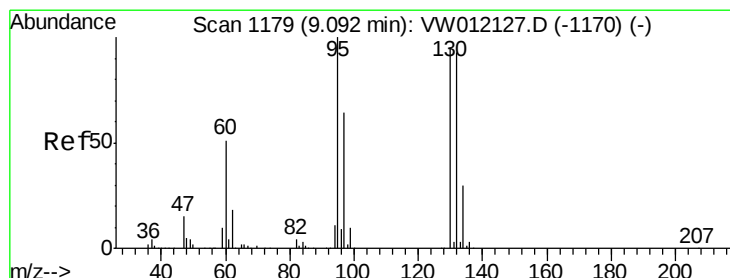
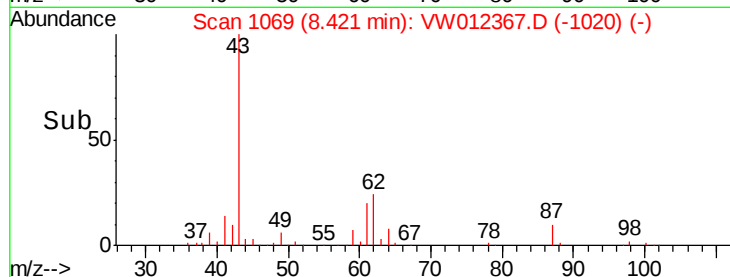
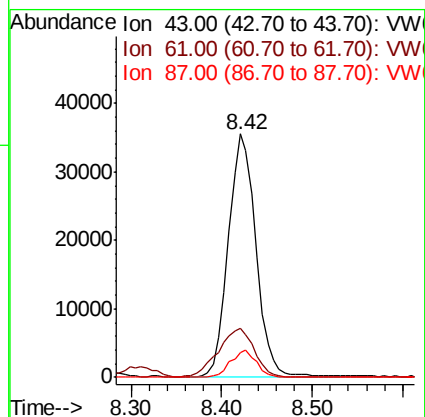
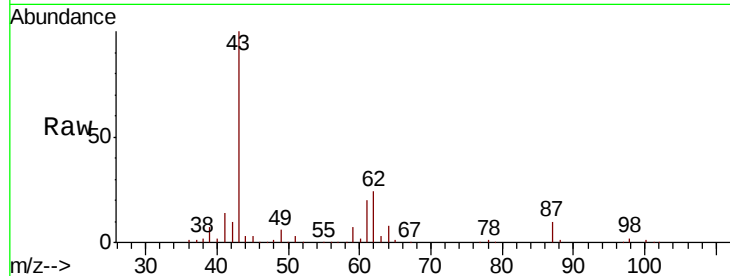
ClientSampleId :

VW0830SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 75596 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 26.3  | 21.1  | 31.7  |
| 87       | 10.4  | 8.2   | 12.2  |

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#44

Trichloroethene

Concen: 21.846 ug/l

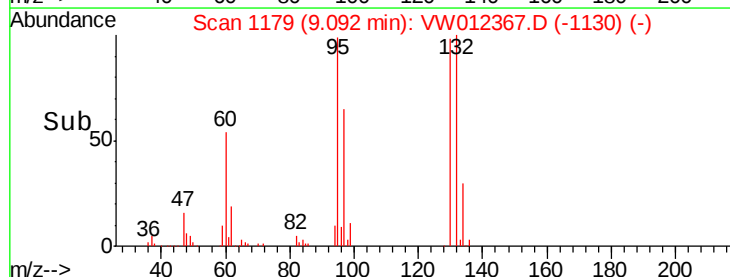
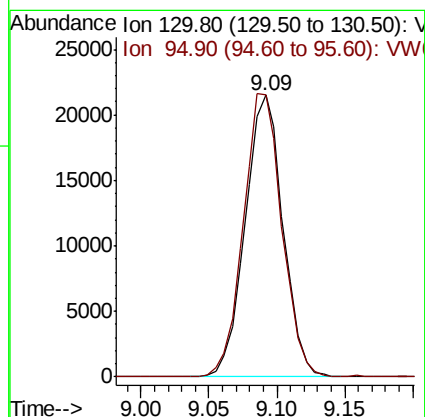
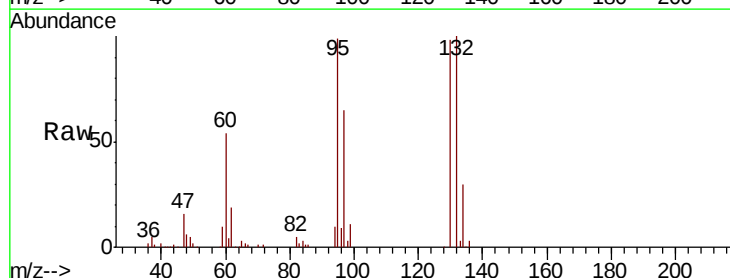
RT: 9.09 min Scan# 1179

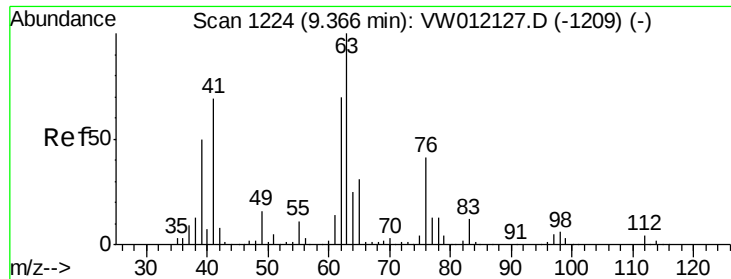
Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 41732 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 100.3 | 0.0   | 210.6 |





#45

1,2-Dichloropropane

Concen: 22.963 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 63 Resp: 48564

Ion Ratio Lower Upper

63 100

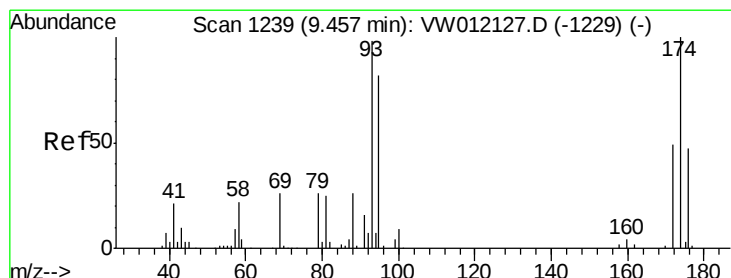
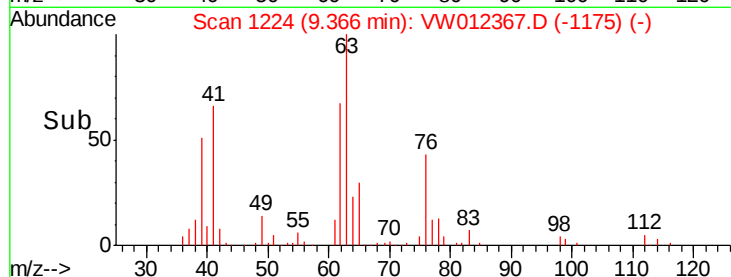
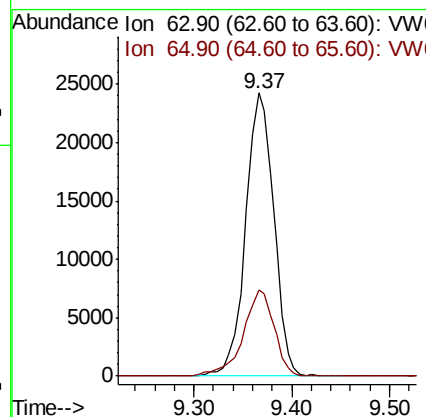
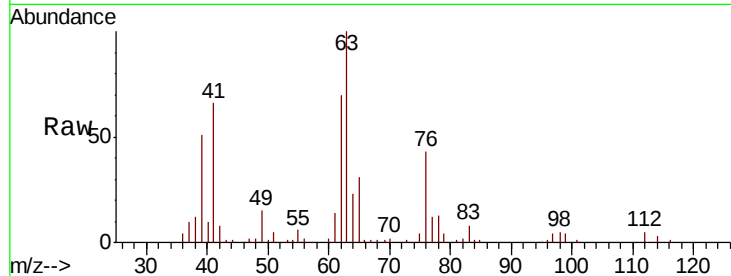
65 30.5 25.0 37.4

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#46

Dibromomethane

Concen: 24.272 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

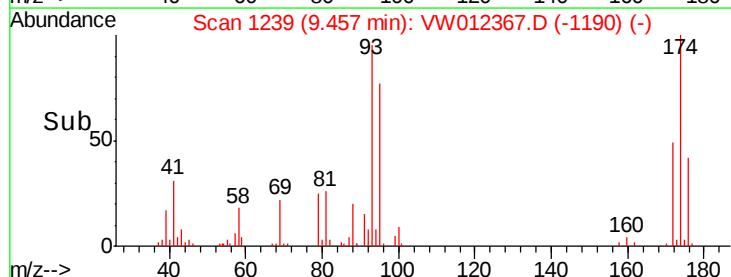
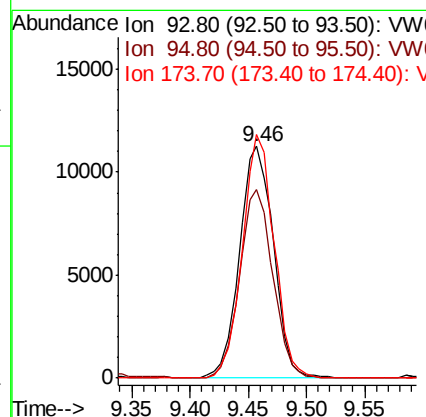
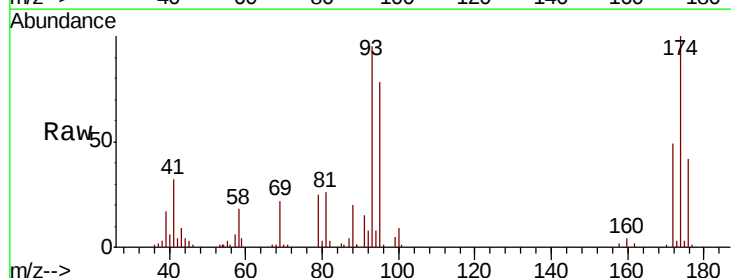
Tgt Ion: 93 Resp: 22839

Ion Ratio Lower Upper

93 100

95 79.6 67.2 100.8

174 98.6 79.0 118.6





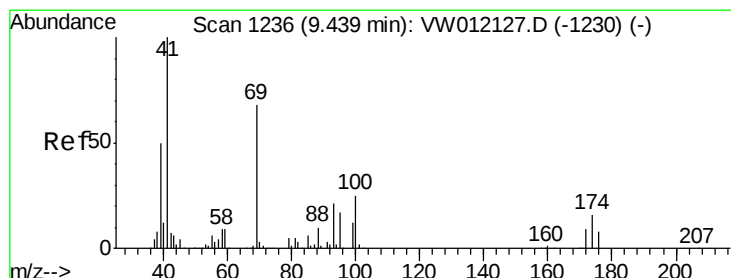
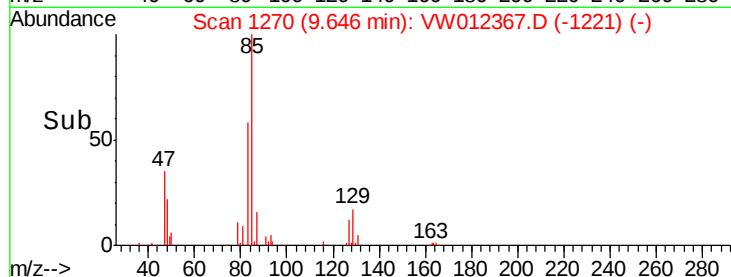
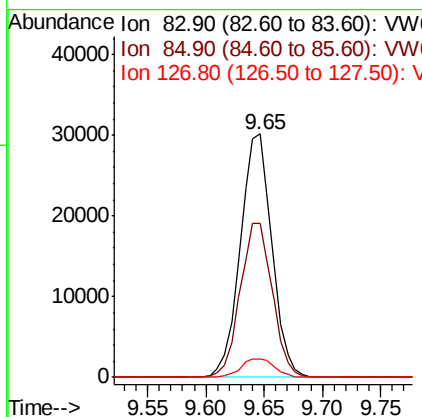
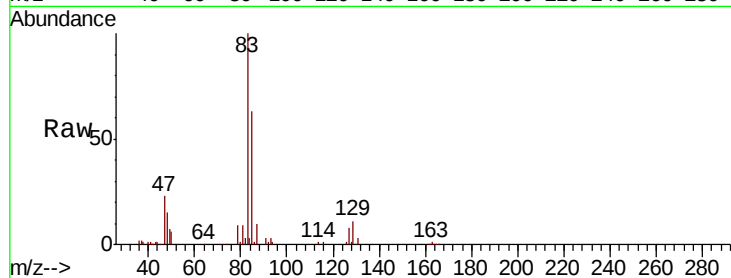
#47  
Bromodichloromethane  
Concen: 22.800 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion   | 83   | Resp  | 57098 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 85        | 63.4 | 49.4  | 74.2  |
| 127       | 7.7  | 6.1   | 9.1   |

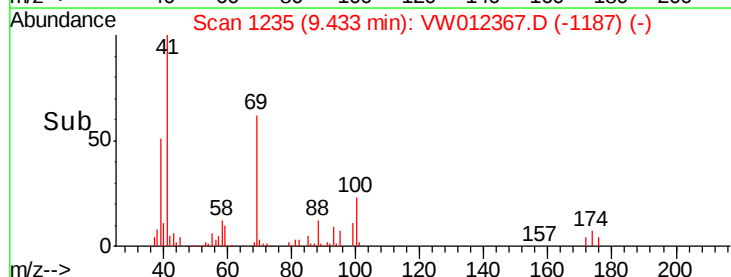
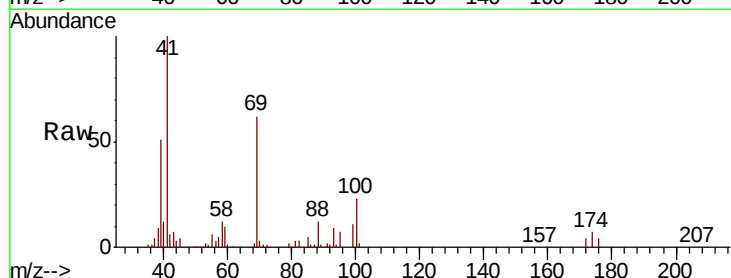
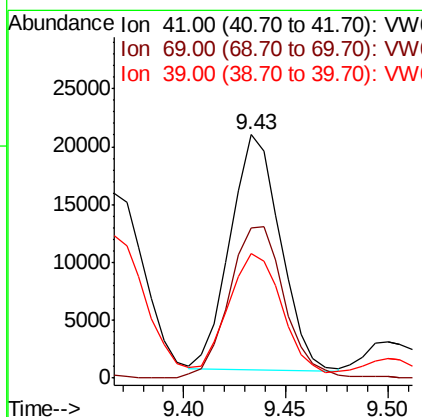
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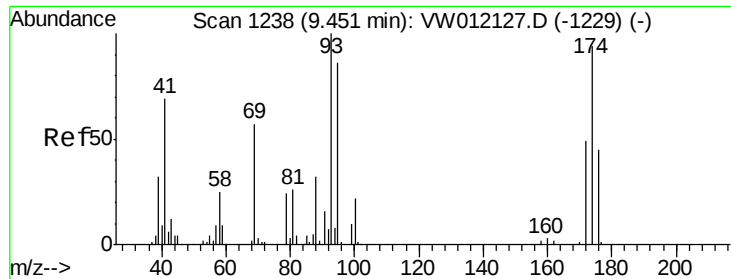
MMDadoda  
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#48  
Methyl methacrylate  
Concen: 25.051 ug/l  
RT: 9.43 min Scan# 1235  
Delta R.T. -0.01 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion   | 41   | Resp  | 34829 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 69        | 71.5 | 56.7  | 85.1  |
| 39        | 51.8 | 42.0  | 63.0  |





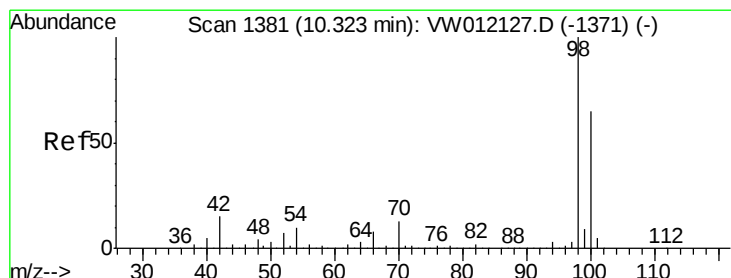
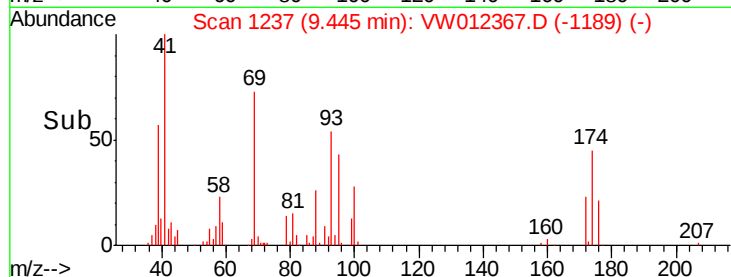
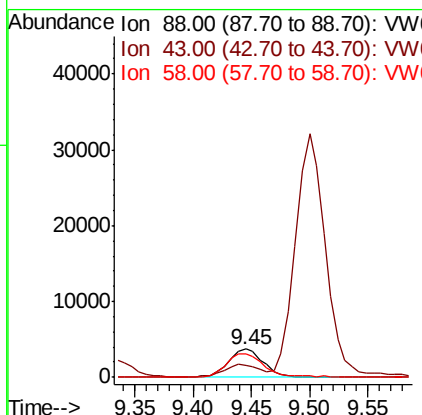
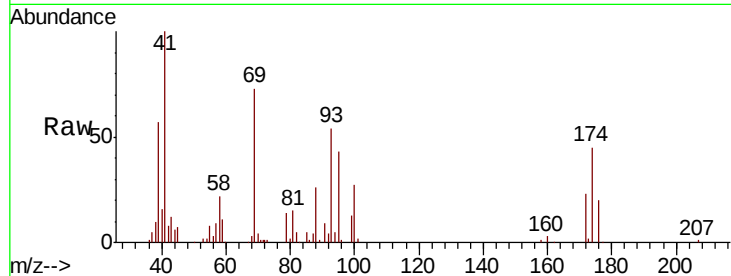
#49  
1,4-Dioxane  
Concen: 546.679 ug/l  
RT: 9.45 min Scan# 1237  
Delta R.T. -0.01 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | 88    | Resp  | 7875  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 42.3  | 32.9  | 49.3  |
| 58      | 92.0  | 71.0  | 106.4 |

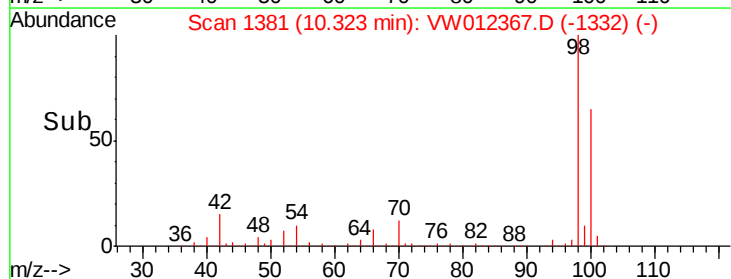
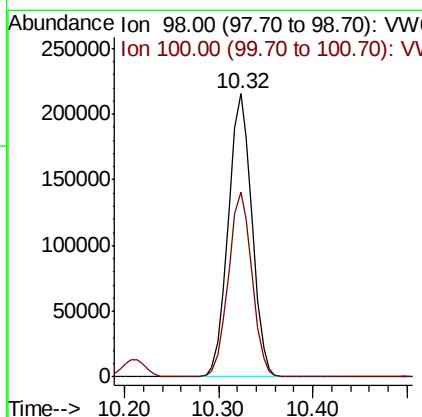
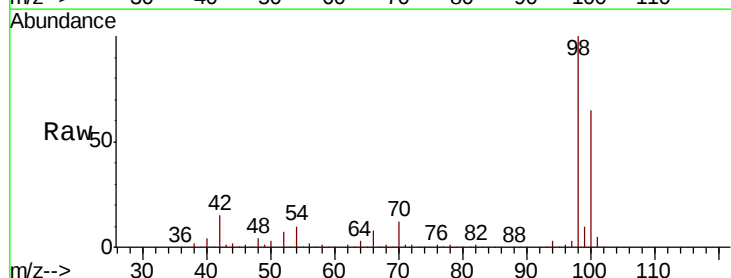
Manual Integrations  
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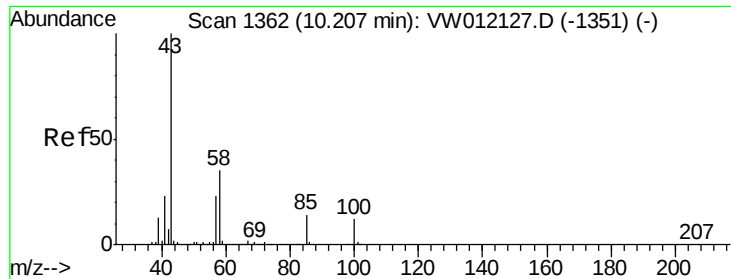
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#50  
Toluene-d8  
Concen: 55.597 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion | 98    | Resp  | 374730 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 64.8  | 52.4  | 78.6   |





#51

4-Methyl-2-Pentanone

Concen: 134.736 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 43 Resp: 200188

Ion Ratio Lower Upper

43 100

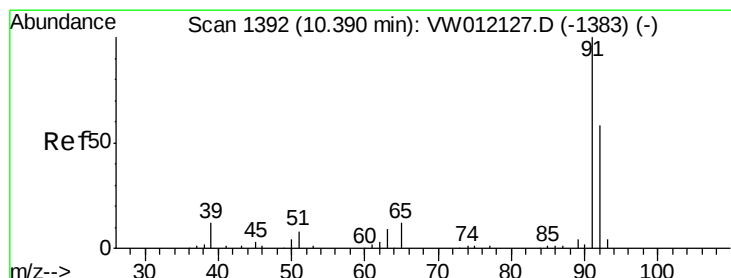
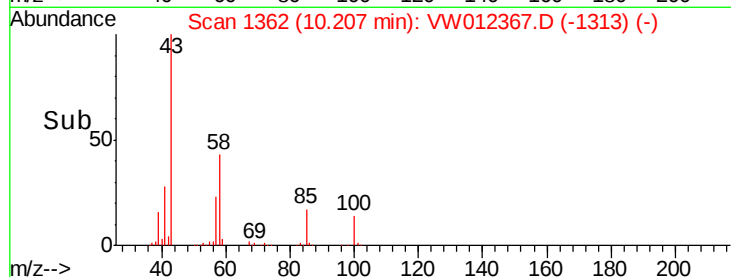
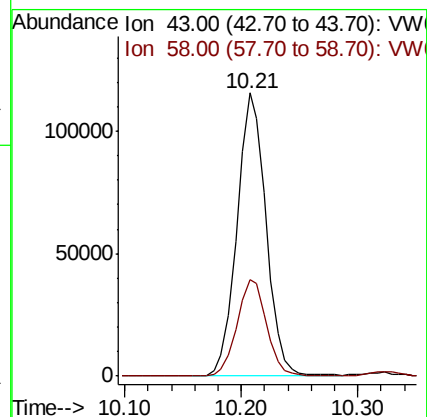
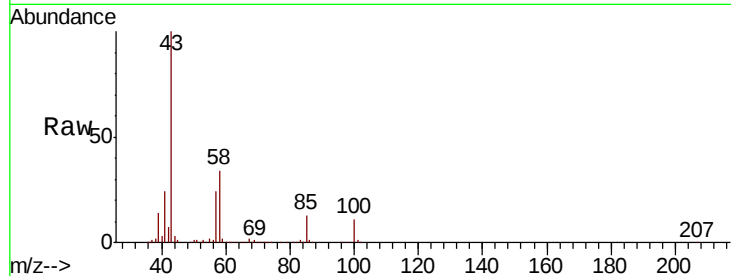
58 34.8 28.2 42.2

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#52

Toluene

Concen: 22.456 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012367.D

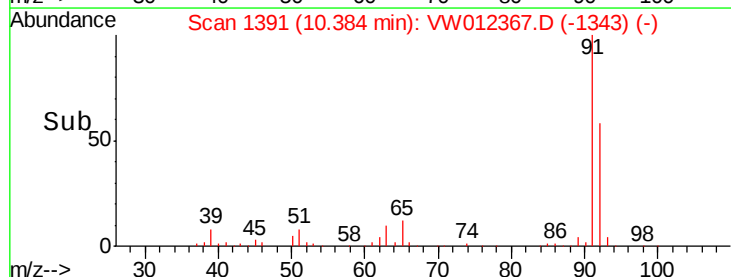
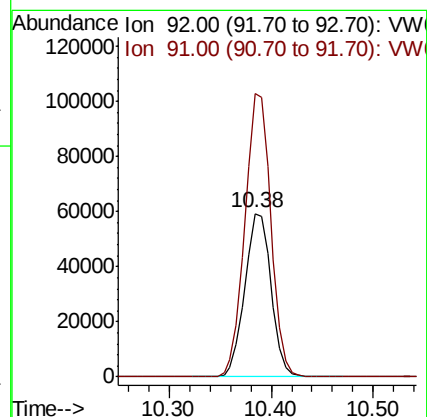
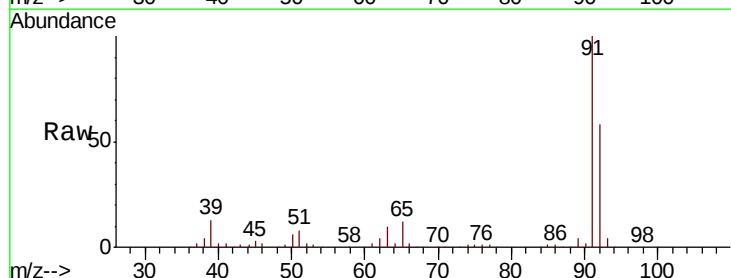
Acq: 30 Aug 2019 23:54

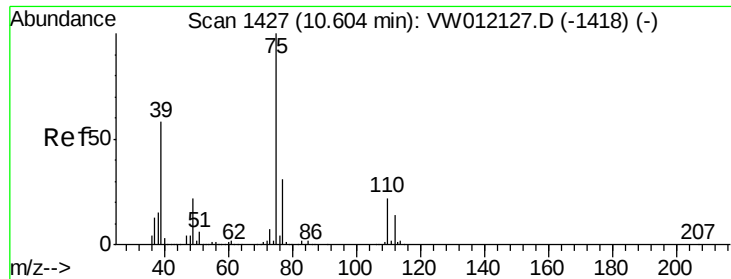
Tgt Ion: 92 Resp: 106011

Ion Ratio Lower Upper

92 100

91 171.3 136.6 204.8





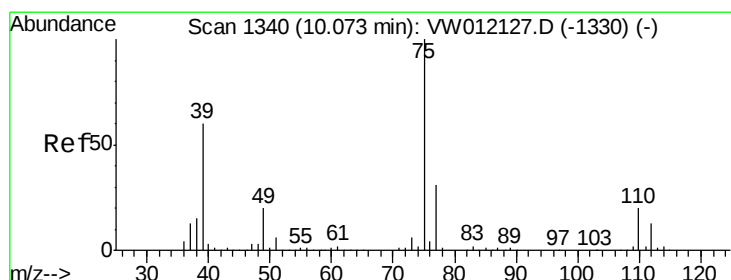
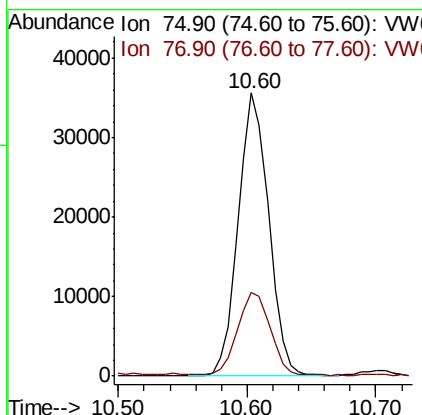
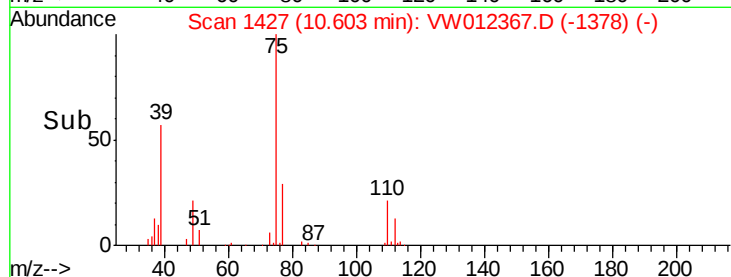
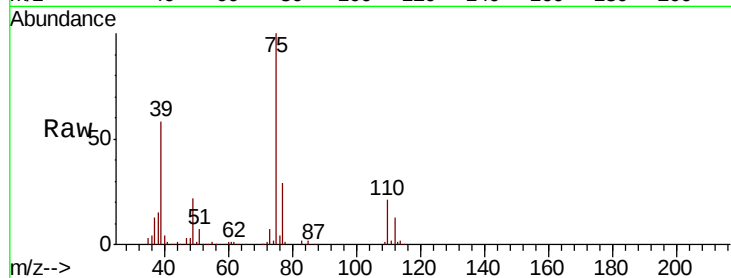
#53  
 t-1,3-Dichloropropene  
 Concen: 22.866 ug/l  
 RT: 10.60 min Scan# 1427  
 Delta R.T. -0.00 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBS02

Tot Ion: 75 Resp: 58330  
 Ion Ratio Lower Upper  
 75 100  
 77 29.0 25.0 37.4

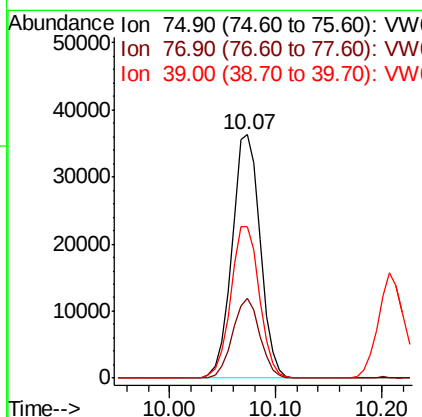
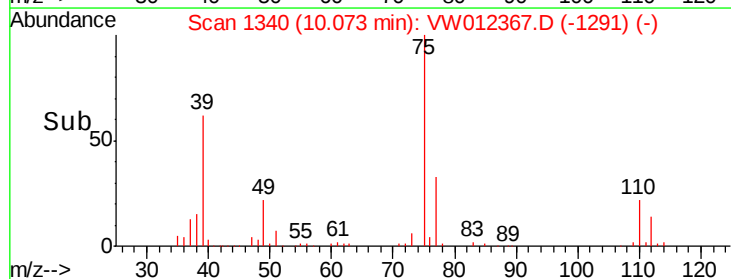
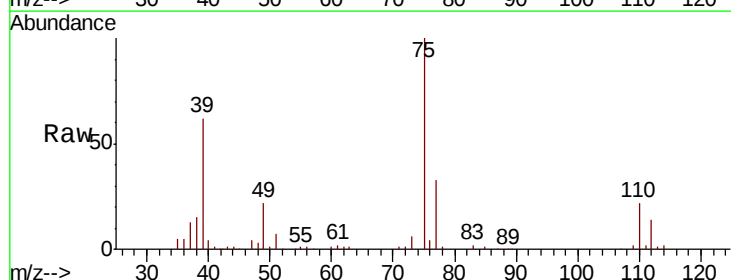
Manual Integrations  
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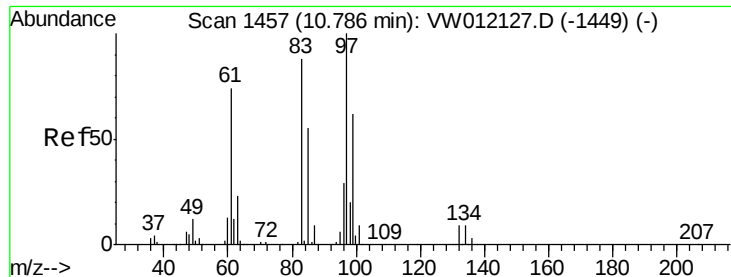
MMDadoda  
 8/31/2019 9:11:51 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.901 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. -0.00 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

Tgt Ion: 75 Resp: 67458  
 Ion Ratio Lower Upper  
 75 100  
 77 32.7 25.1 37.7  
 39 62.1 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 24.711 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

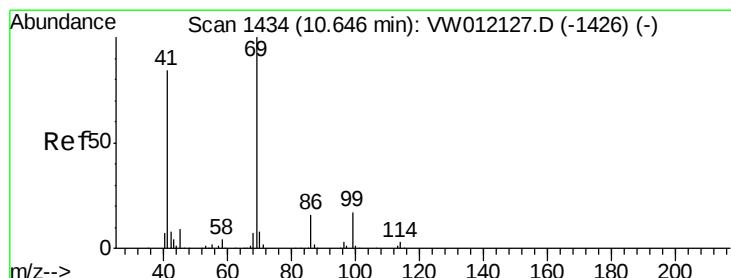
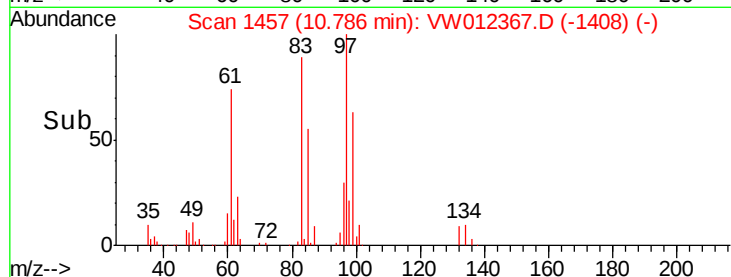
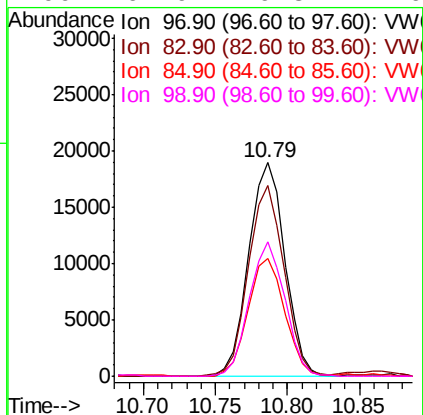
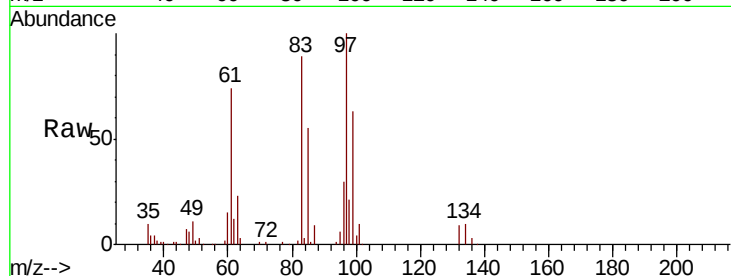
ClientSampleId :

VW0830SBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 32899 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 89.1  | 70.8  | 106.2 |
| 85       | 55.1  | 43.8  | 65.8  |
| 99       | 62.9  | 49.8  | 74.6  |

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#56

Ethyl methacrylate

Concen: 24.371 ug/l

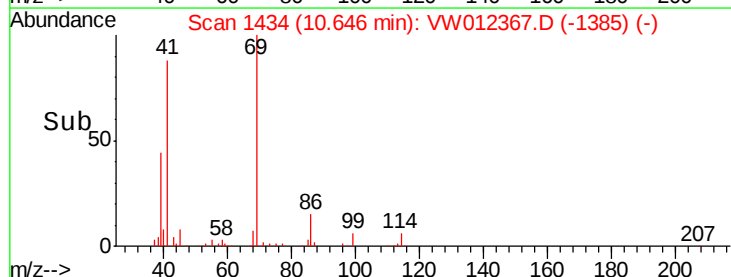
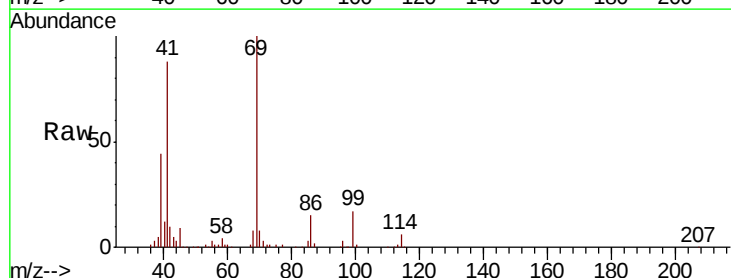
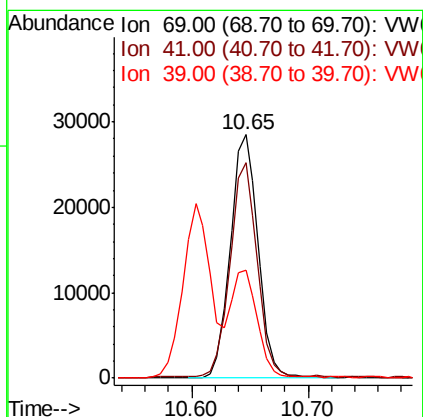
RT: 10.65 min Scan# 1434

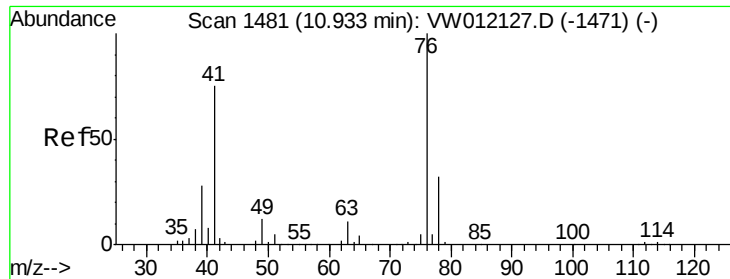
Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 47222 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 87.8  | 66.5  | 99.7  |
| 39       | 41.0  | 31.0  | 46.4  |





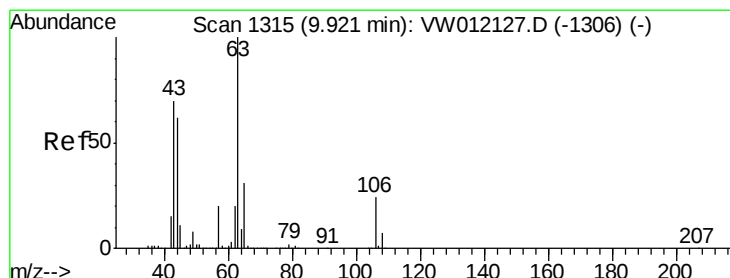
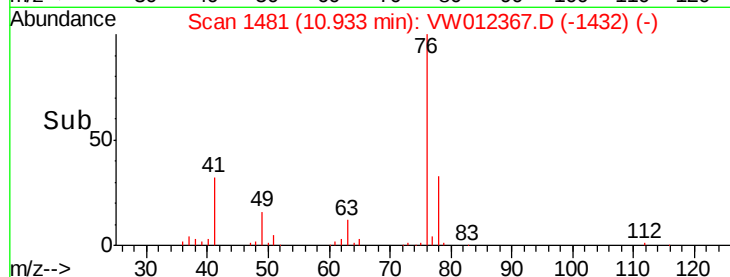
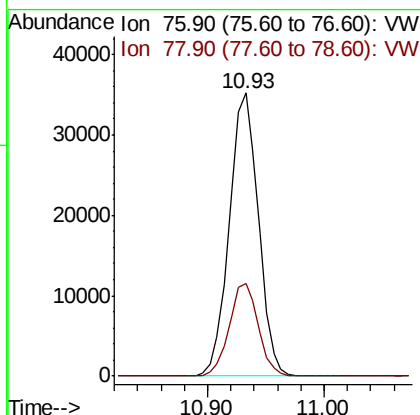
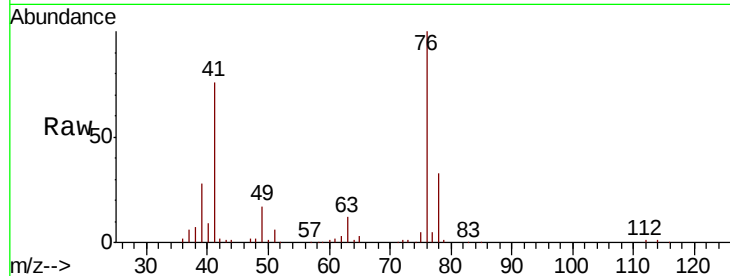
#57  
 1,3-Dichloropropane  
 Concen: 24.348 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBSD02

Tot Ion: 76 Resp: 61258  
 Ion Ratio Lower Upper  
 76 100  
 78 32.7 25.8 38.8

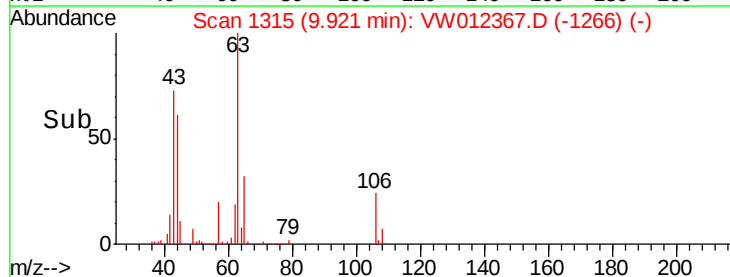
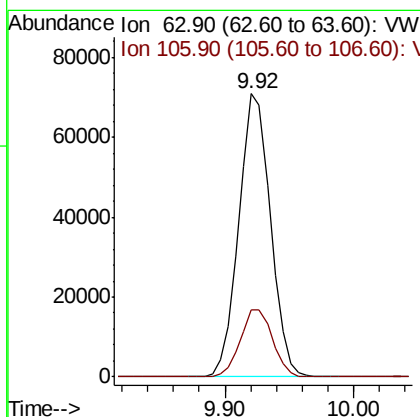
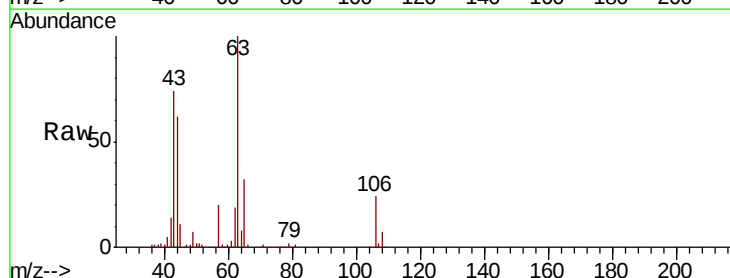
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 121.499 ug/l  
 RT: 9.92 min Scan# 1315  
 Delta R.T. -0.00 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

Tgt Ion: 63 Resp: 120825  
 Ion Ratio Lower Upper  
 63 100  
 106 24.1 19.8 29.8





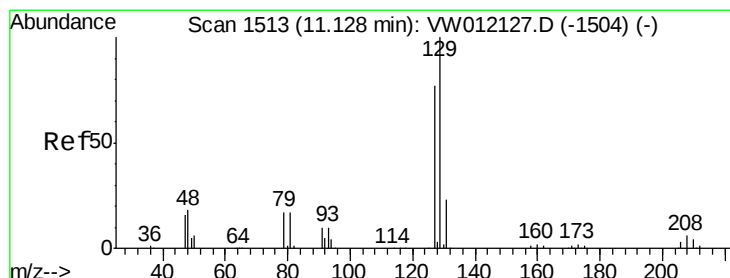
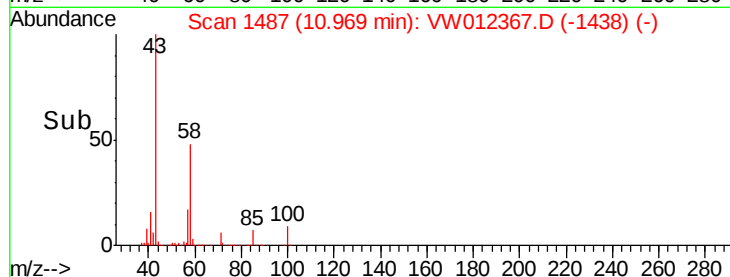
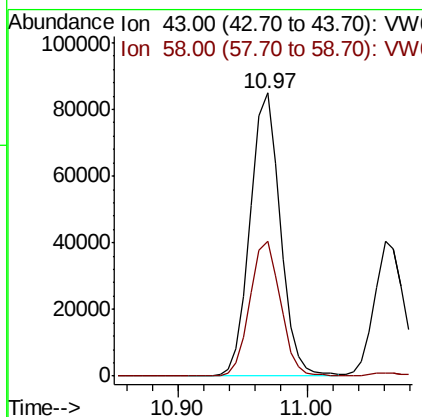
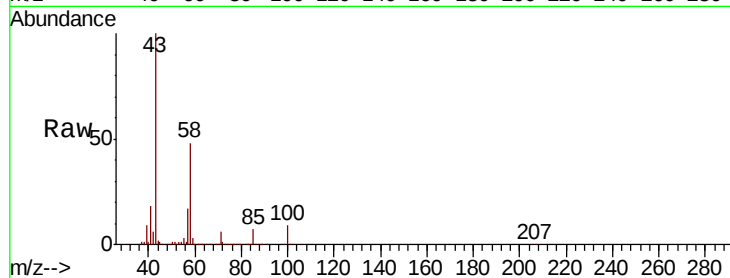
#59  
2-Hexanone  
Concen: 130.055 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 48.7  | 24.3  | 72.9  |

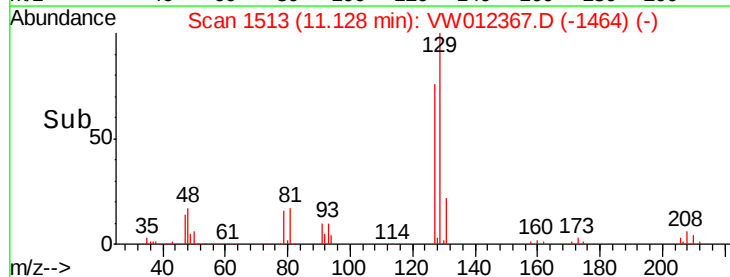
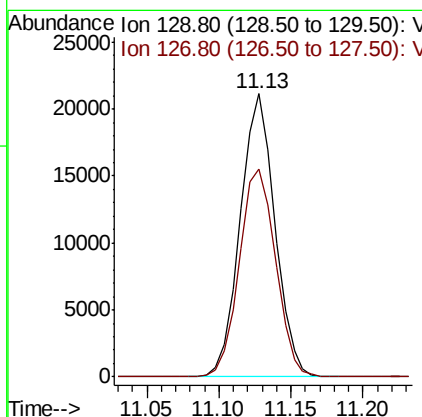
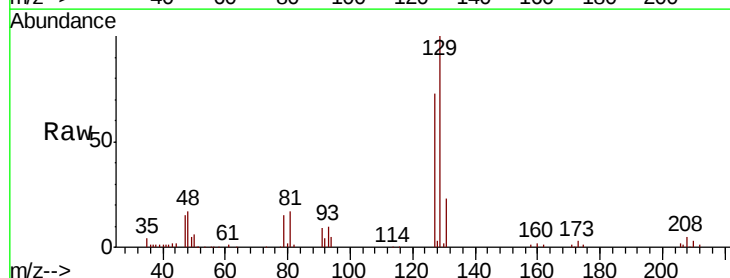
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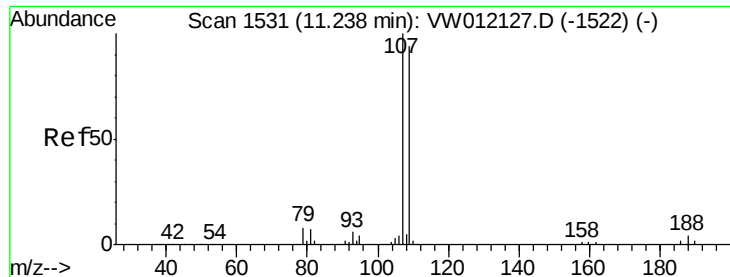
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#60  
Dibromochloromethane  
Concen: 23.836 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 76.8  | 38.6  | 115.8 |





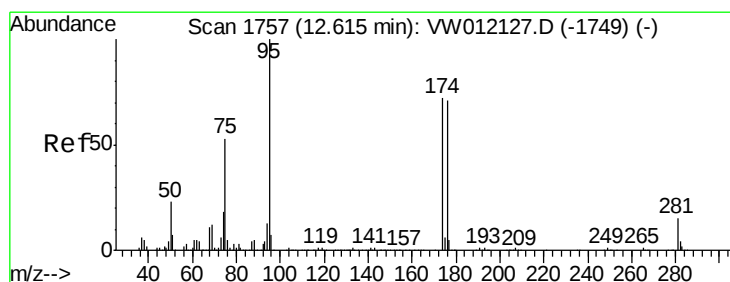
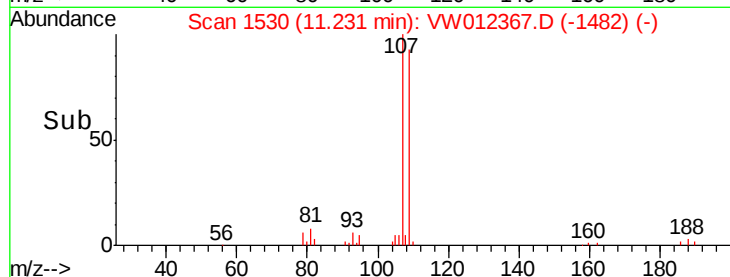
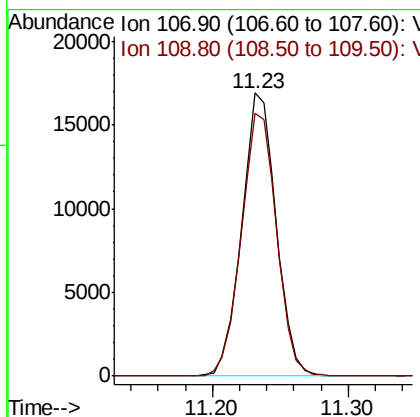
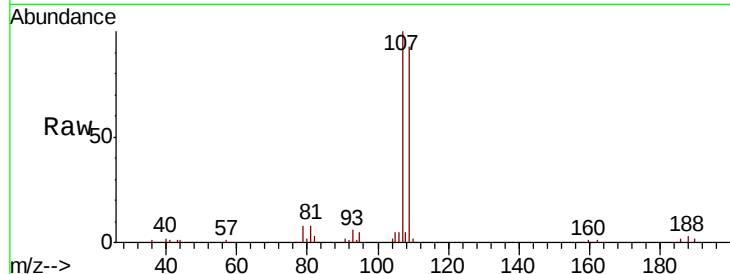
#61  
 1,2-Dibromoethane  
 Concen: 24.080 ug/l  
 RT: 11.23 min Scan# 1530  
 Delta R.T. -0.01 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 95.1  | 75.4  | 113.2 |

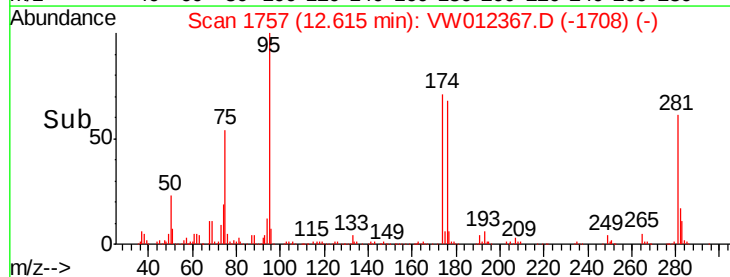
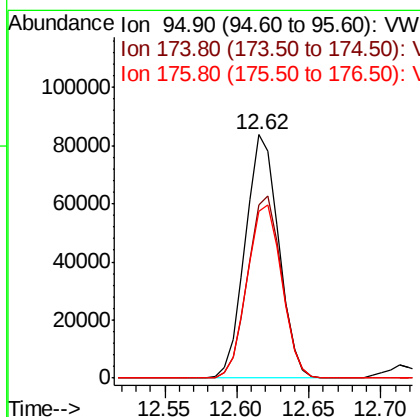
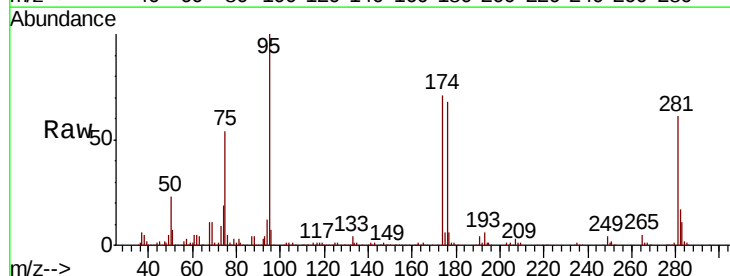
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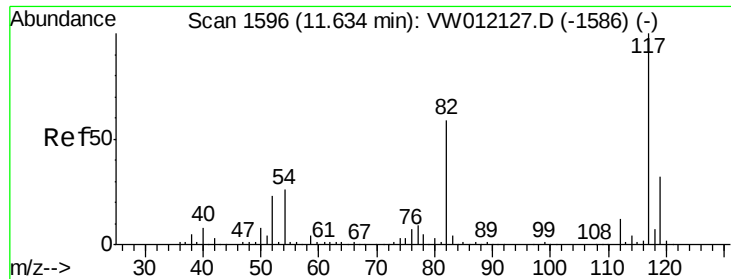
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#62  
 4-Bromofluorobenzene  
 Concen: 56.633 ug/l  
 RT: 12.62 min Scan# 1757  
 Delta R.T. -0.00 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 76.2  | 0.0   | 150.8 |
| 176     | 73.6  | 0.0   | 148.6 |





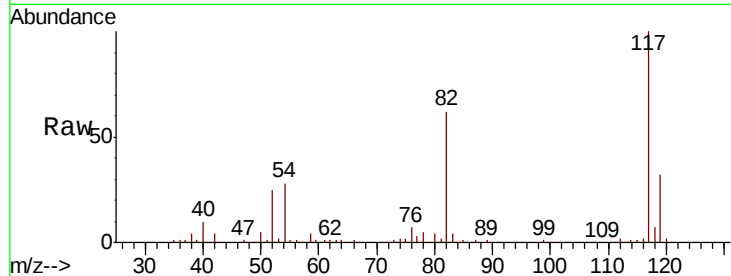
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1595  
Delta R.T. -0.01 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 245735 |       |       |
| 82      | 62.1  | 47.4   | 71.2  |       |
| 119     | 32.2  | 25.4   | 38.2  |       |

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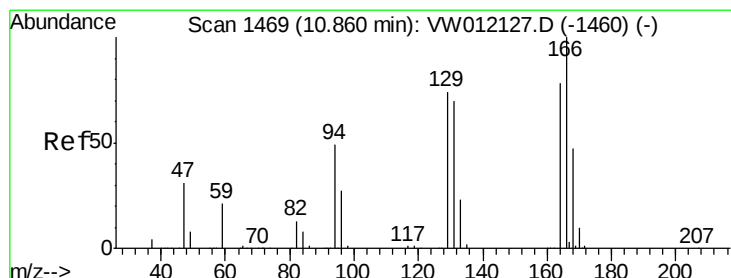
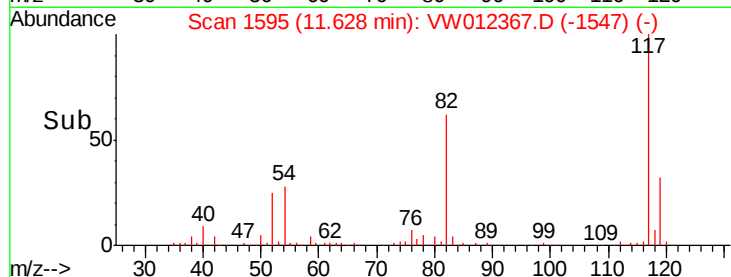
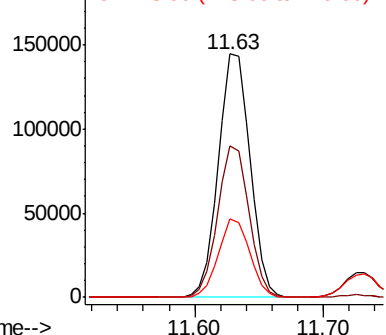


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 22.635 ug/l  
RT: 10.86 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 36061 |       |       |
| 166     | 124.4 | 102.4 | 153.6 |       |
| 129     | 91.6  | 75.8  | 113.6 |       |
| 131     | 90.0  | 71.4  | 107.2 |       |

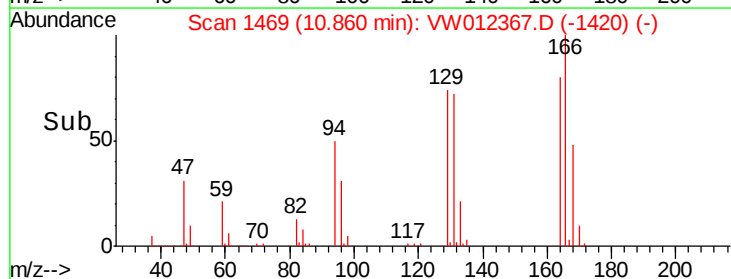
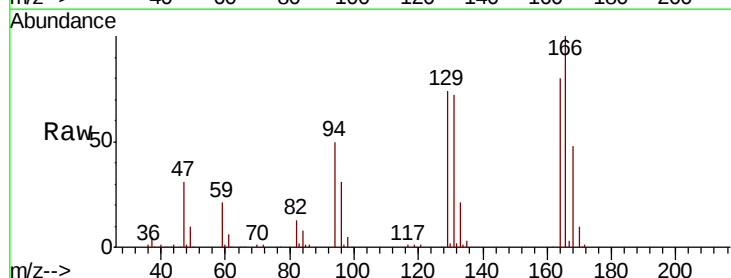
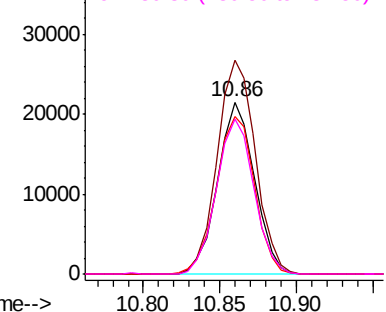
Abundance

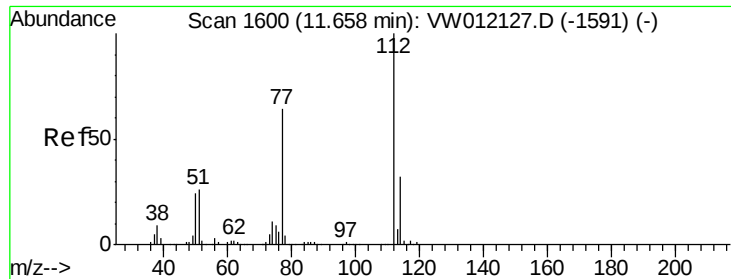
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 22.236 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion:112 Resp: 107596

Ion Ratio Lower Upper

112 100

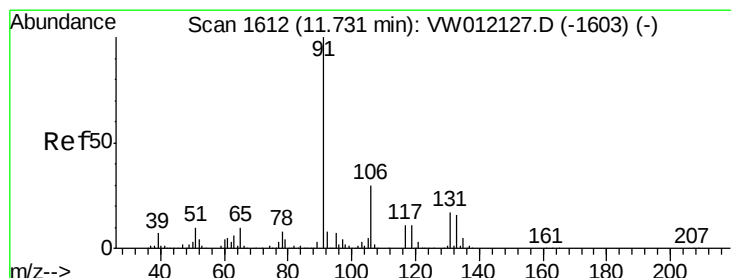
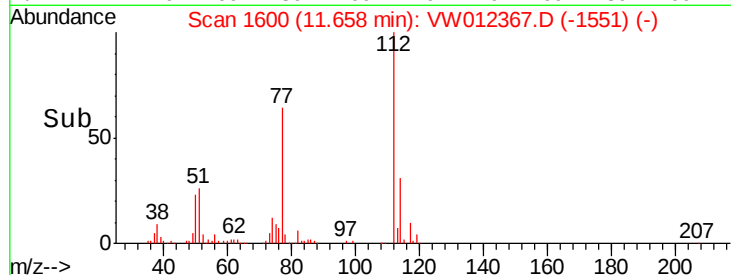
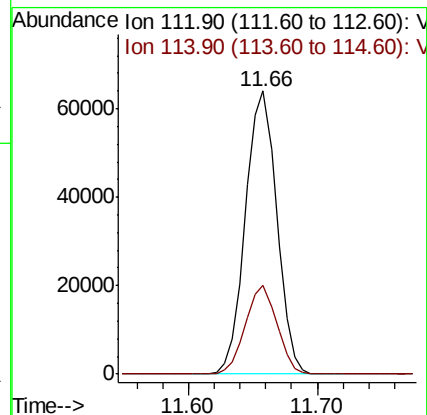
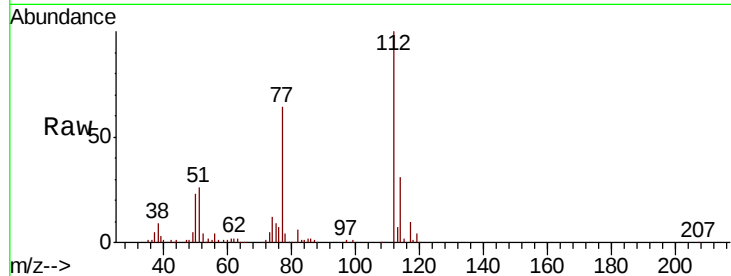
114 31.2 25.8 38.6

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#66

1,1,1,2-Tetrachloroethane

Concen: 22.496 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

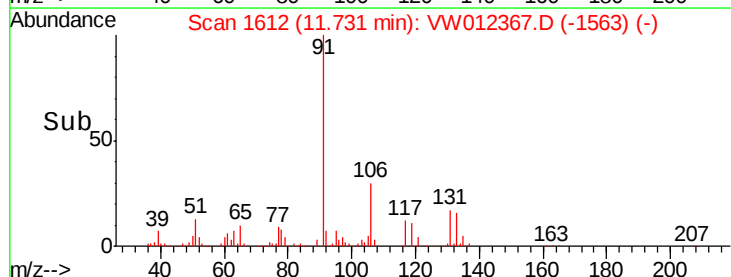
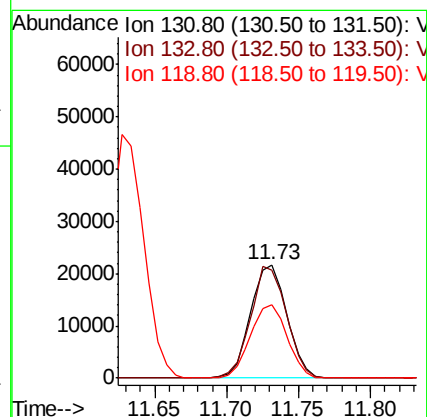
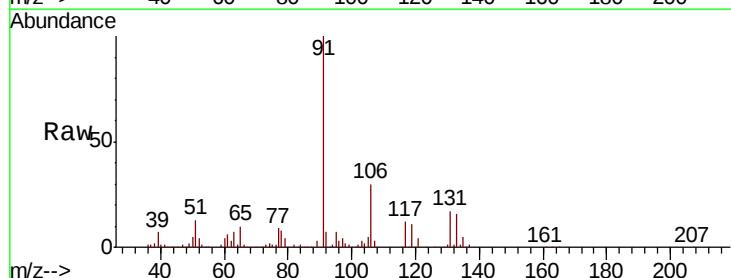
Tgt Ion:131 Resp: 37975

Ion Ratio Lower Upper

131 100

133 97.1 47.1 141.3

119 65.7 31.8 95.3





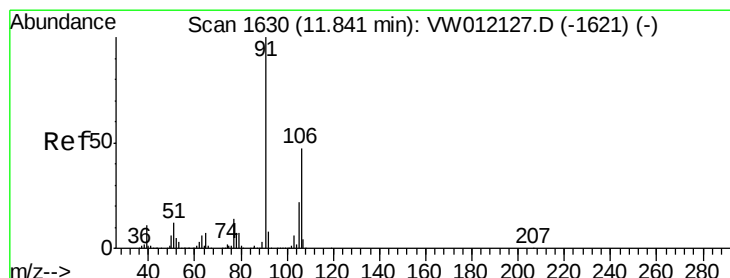
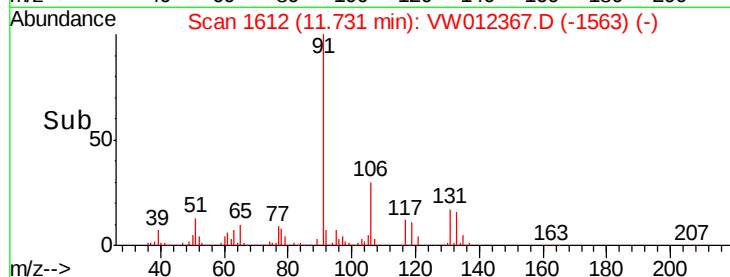
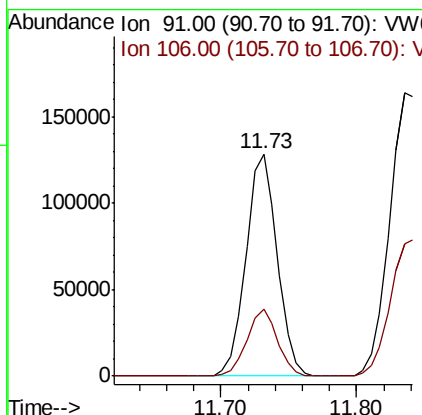
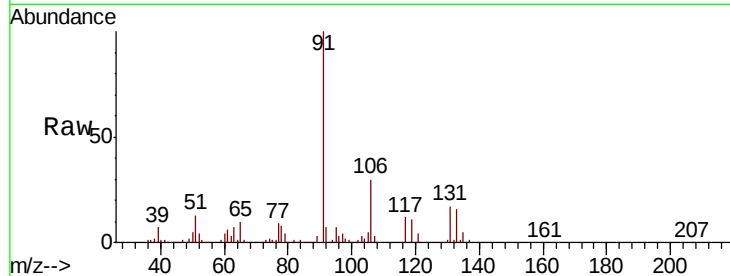
#67  
Ethyl Benzene  
Concen: 22.119 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 30.0  | 24.3  | 36.5  |

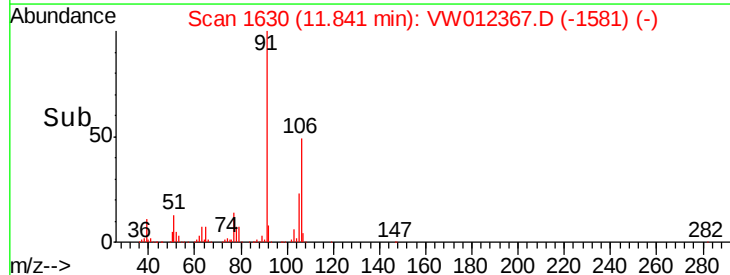
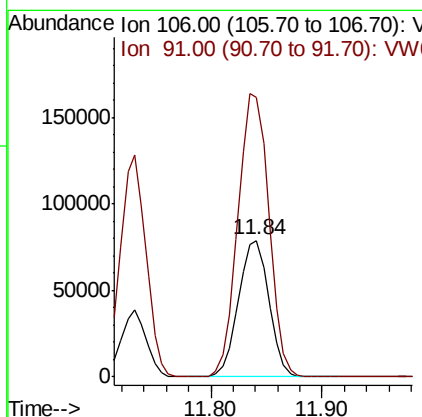
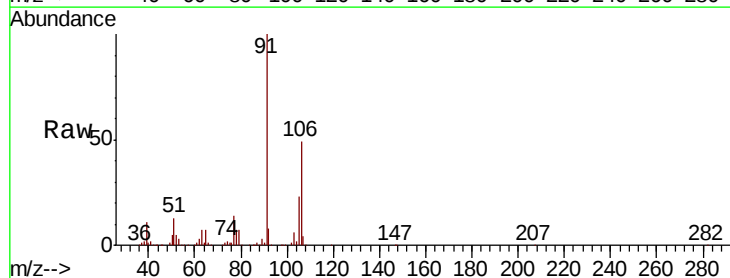
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#68  
m/p-Xylenes  
Concen: 44.683 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 210.8 | 169.5 | 254.3 |





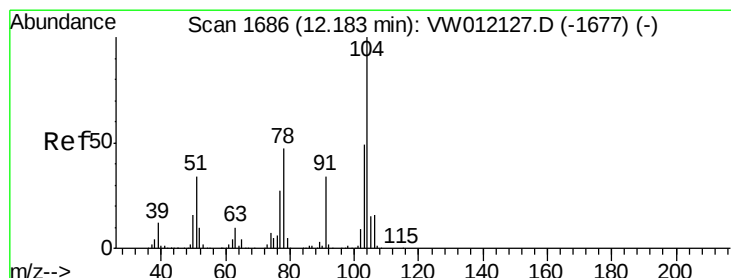
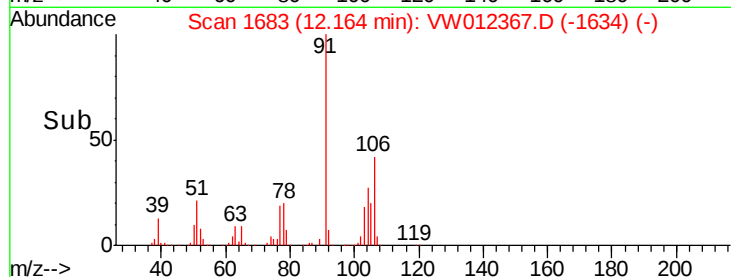
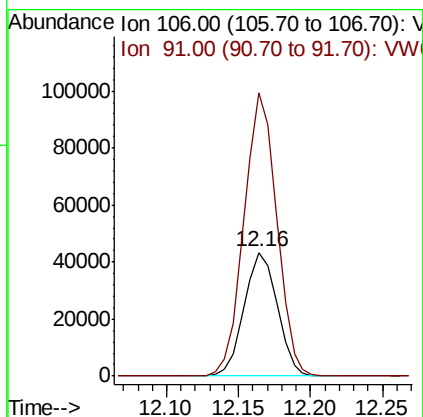
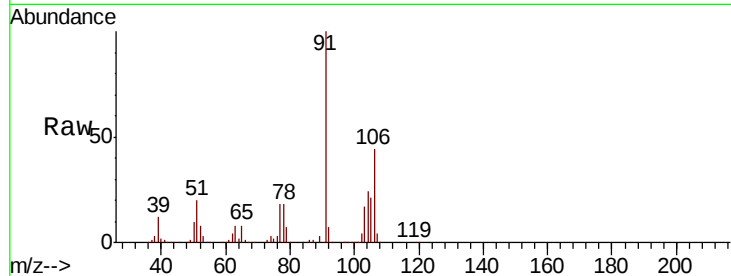
#69  
o-Xylene  
Concen: 22.305 ug/l  
RT: 12.16 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleID :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 226.1 | 111.6 | 334.6 |

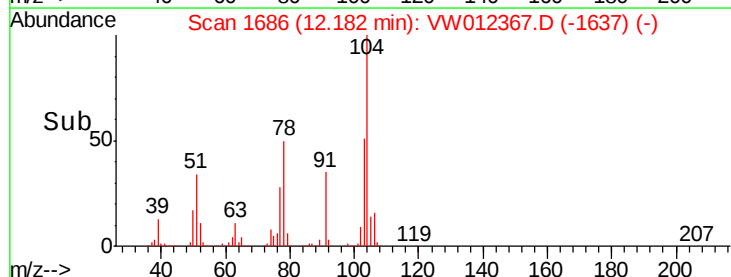
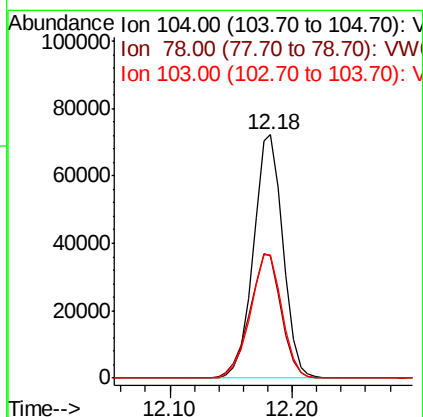
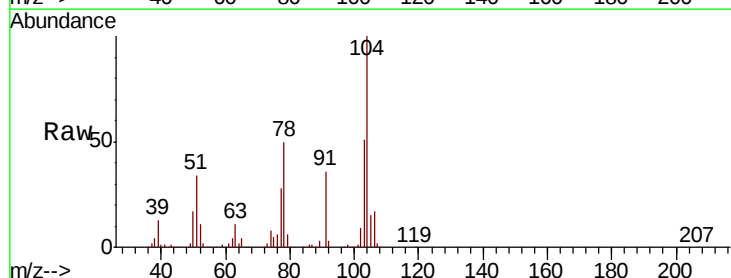
Manual Integrations  
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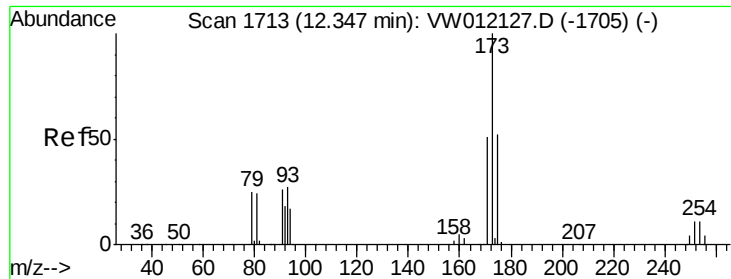
MMDadoda  
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#70  
Styrene  
Concen: 22.495 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 54.8  | 43.1  | 64.7  |
| 103     | 55.0  | 43.5  | 65.3  |





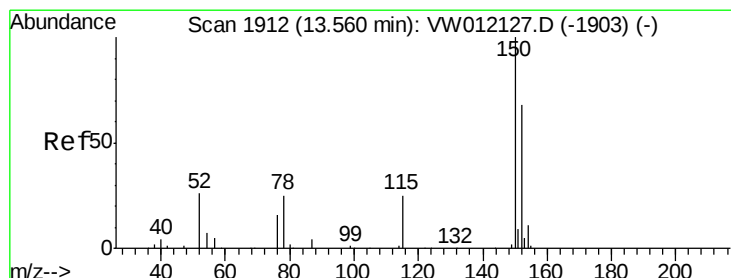
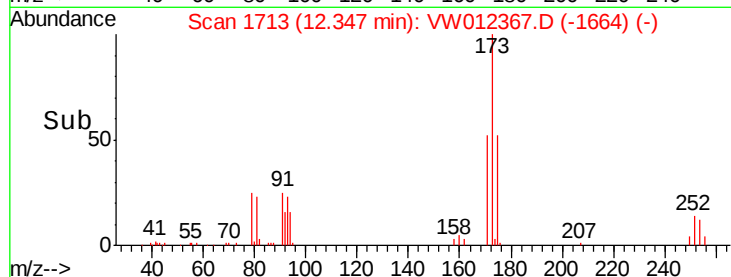
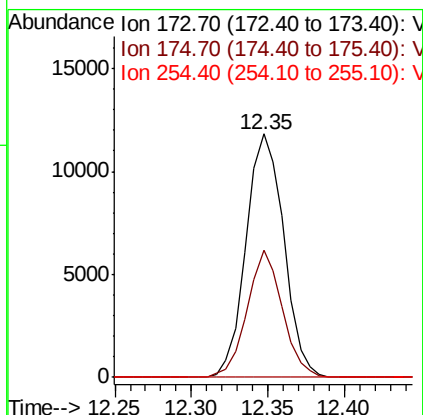
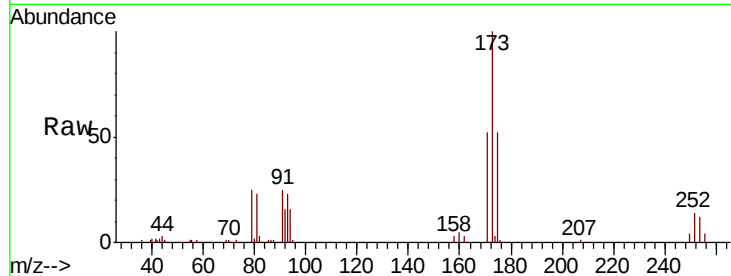
#71  
Bromoform  
Concen: 24.166 ug/l  
RT: 12.35 min Scan# 1713  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.6  | 24.6  | 74.0  |
| 254     | 0.0   | 0.2   | 0.2   |

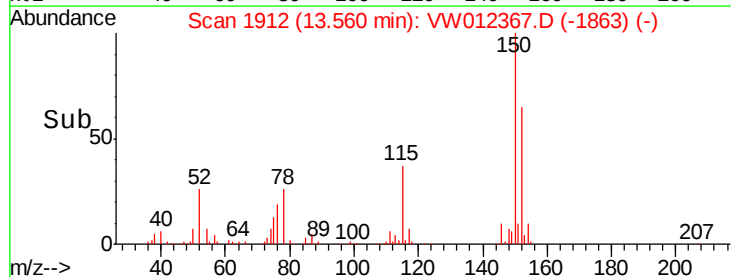
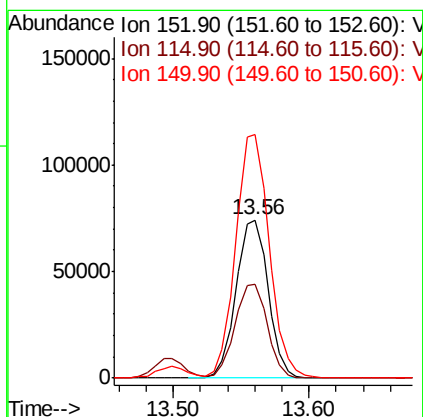
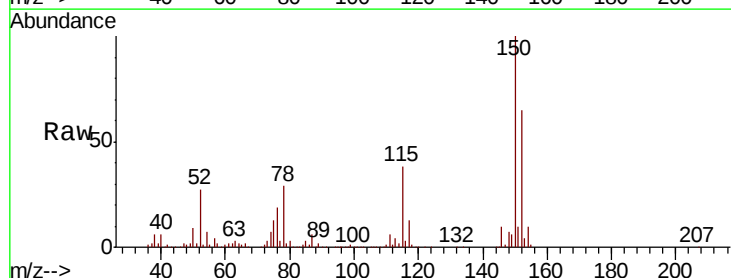
Manual Integrations  
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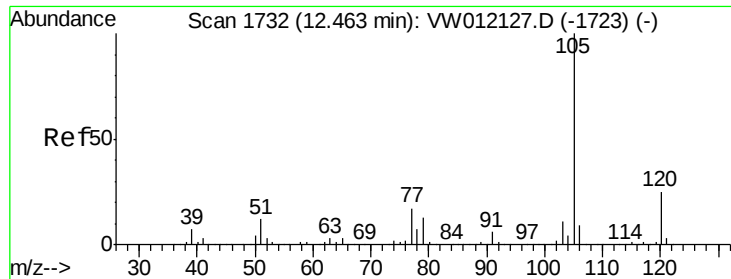
MMDadoda  
8/31/2019 9:11:51 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.56 min Scan# 1912  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.2  | 30.1  | 90.3  |
| 150     | 161.5 | 0.0   | 345.8 |





#73

Isopropylbenzene

Concen: 21.645 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBS02

Tot Ion: 105 Resp: 197355

Ion Ratio Lower Upper

105 100

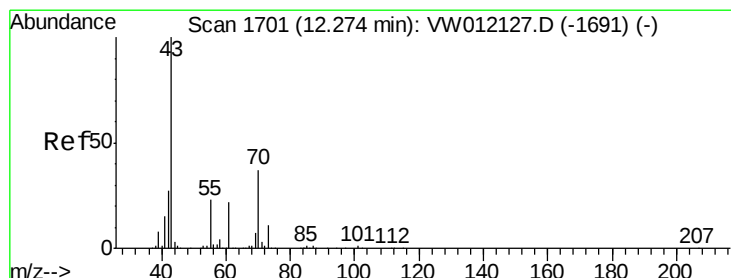
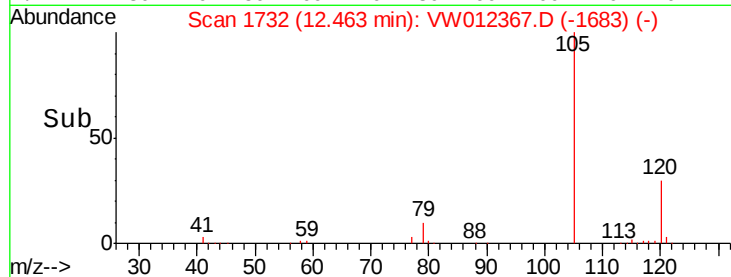
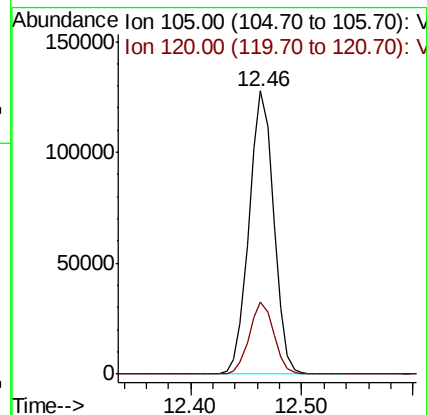
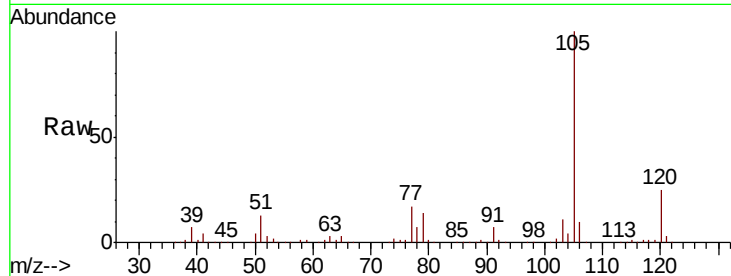
120 25.3 12.5 37.5

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#74

N-ethyl acetate

Concen: 24.424 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Tgt Ion: 43 Resp: 67282

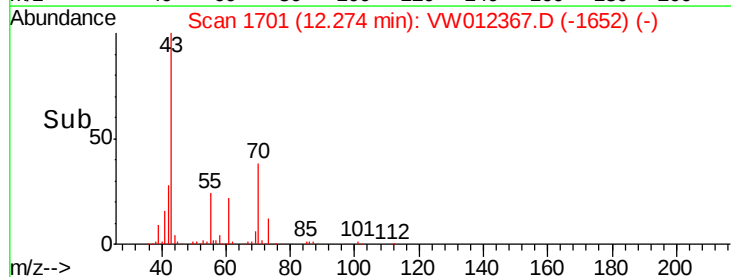
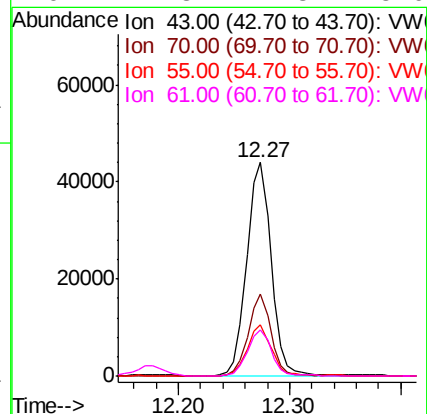
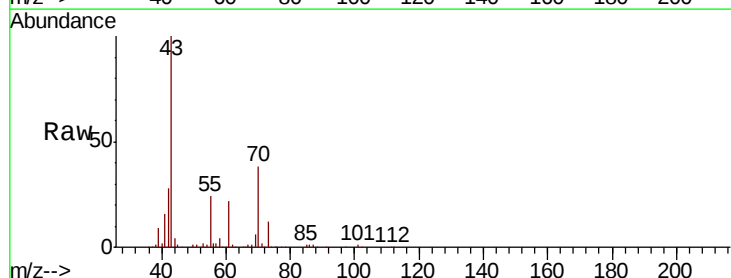
Ion Ratio Lower Upper

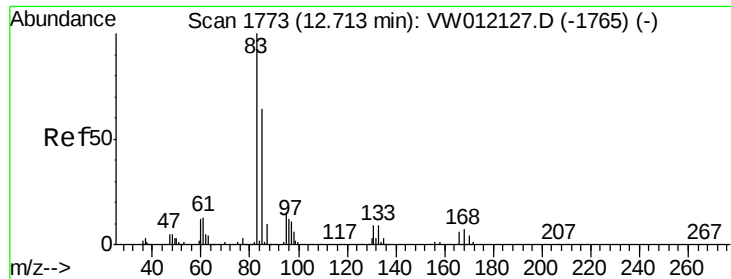
43 100

70 35.3 28.6 43.0

55 23.8 17.8 26.6

61 21.3 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 24.441 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

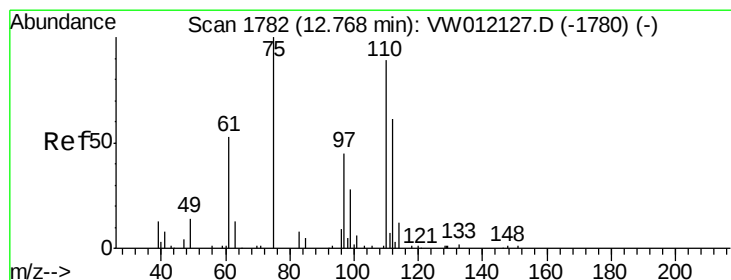
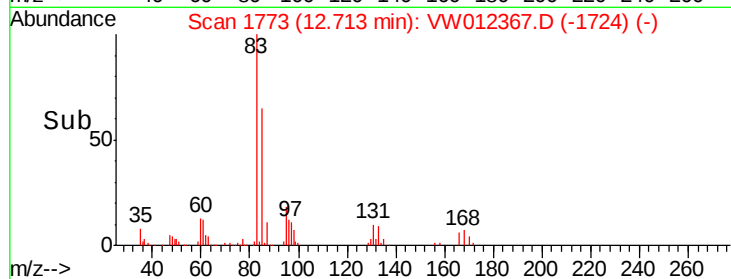
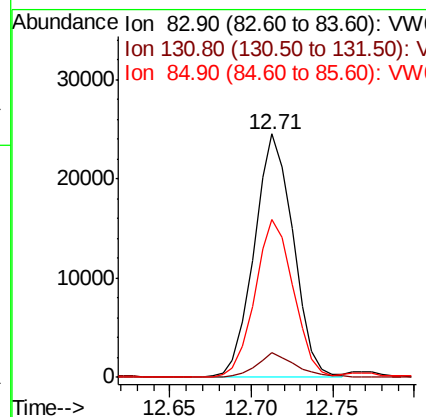
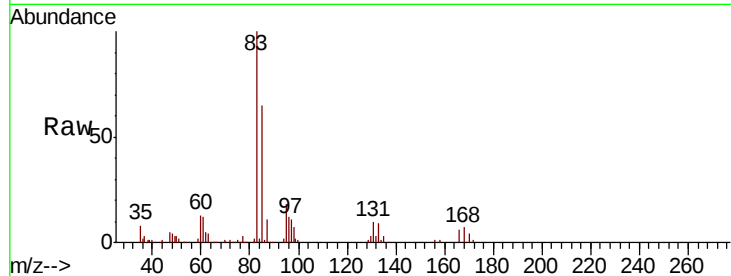
ClientSampleId :

VW0830SBSD02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 40855 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.1  | 4.9   | 14.7  |
| 85        | 64.1  | 31.9  | 95.7  |

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#76

1,2,3-Trichloropropane

Concen: 24.505 ug/l m

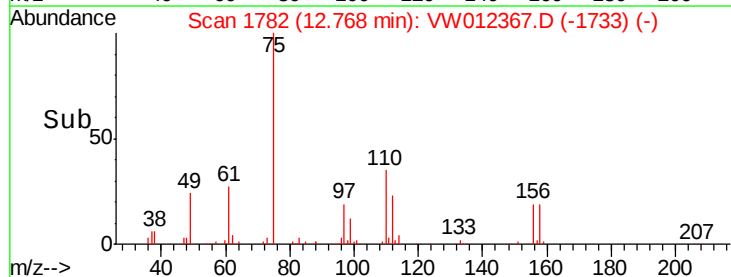
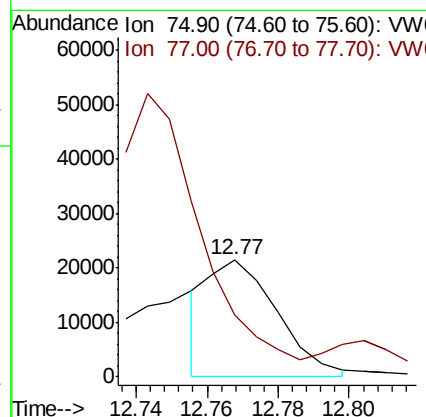
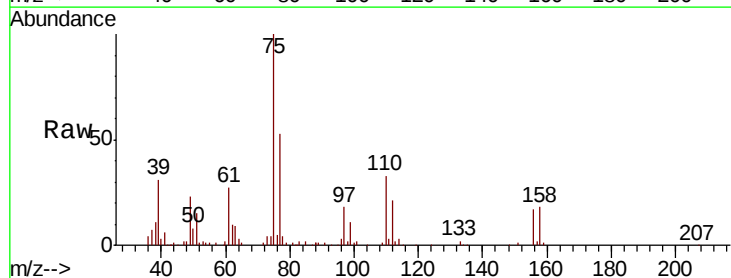
RT: 12.77 min Scan# 1782

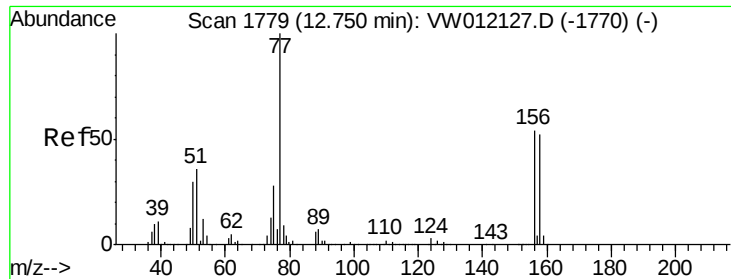
Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 29041 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





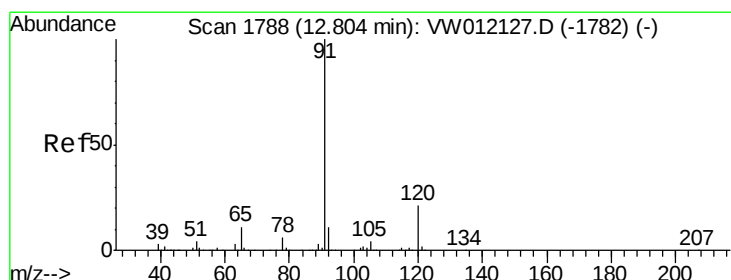
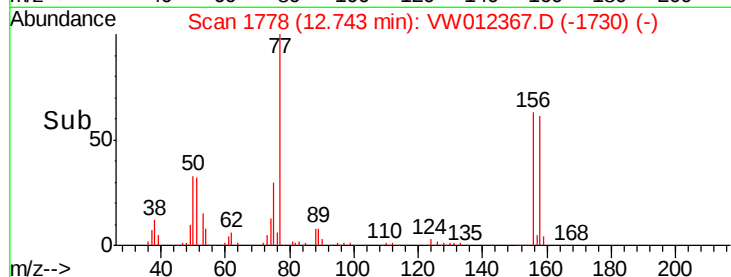
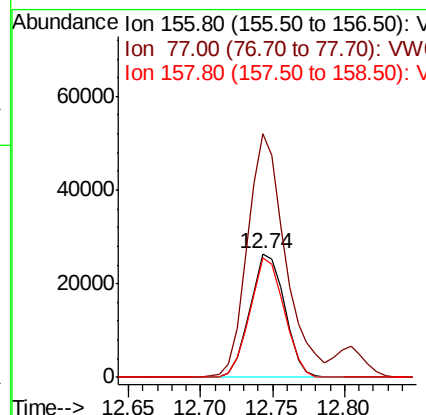
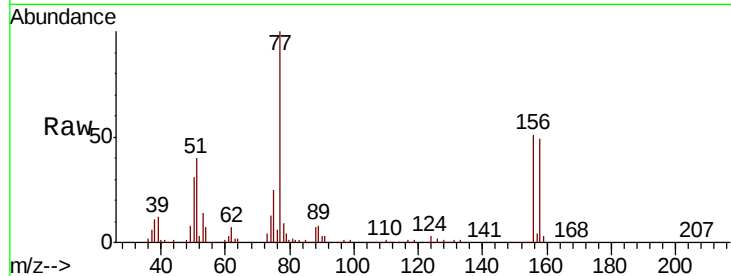
#77  
Bromobenzene  
Concen: 22.311 ug/l  
RT: 12.74 min Scan# 1778  
Delta R.T. -0.01 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |
| 77      | 214.3 | 107.3 | 321.8 |       |
| 158     | 95.3  | 49.0  | 147.0 |       |

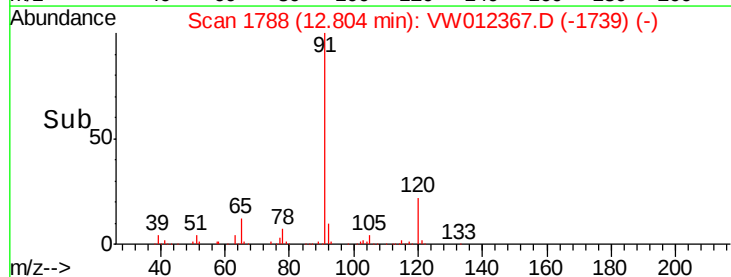
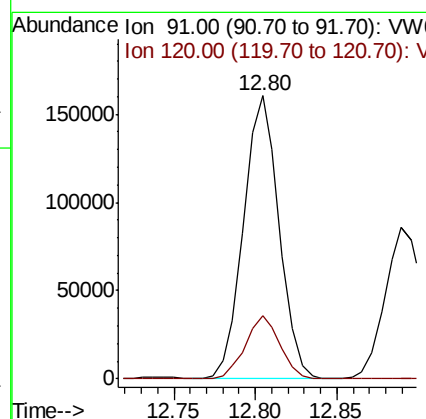
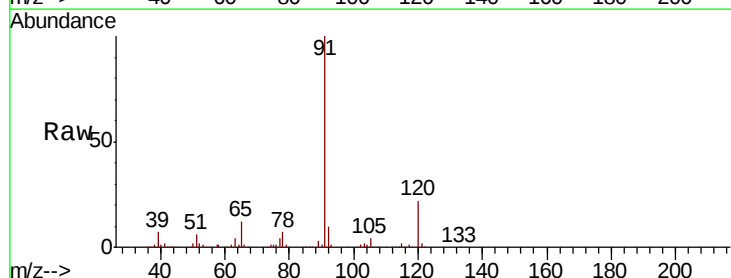
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#78  
n-propylbenzene  
Concen: 21.756 ug/l  
RT: 12.80 min Scan# 1788  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 120     | 21.8 | 10.5  | 31.6  |       |





#79

2-Chlorotoluene

Concen: 21.832 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

ClientSampleId :

VW0830SBSD02

Tot Ion: 91 Resp: 137971

Ion Ratio Lower Upper

91 100

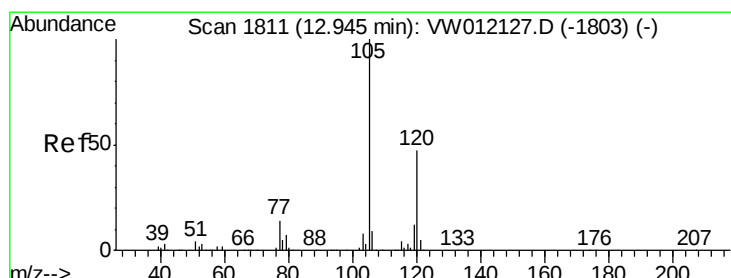
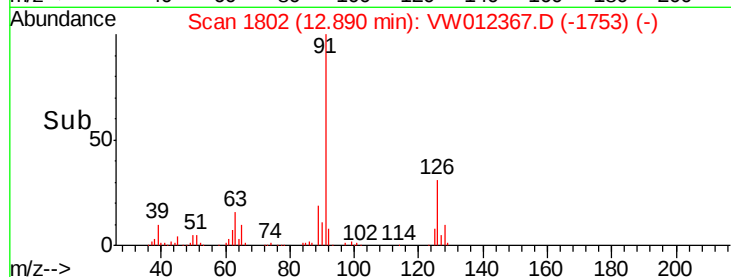
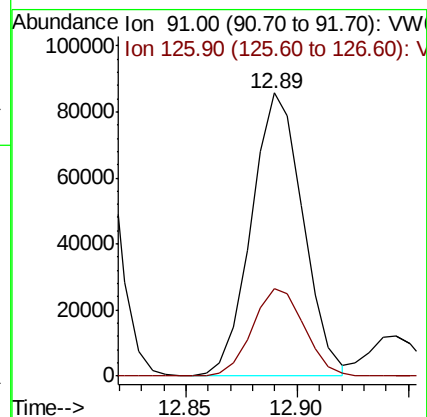
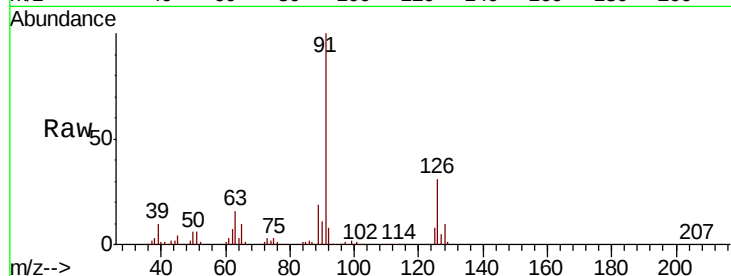
126 31.4 15.7 47.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 22.414 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012367.D

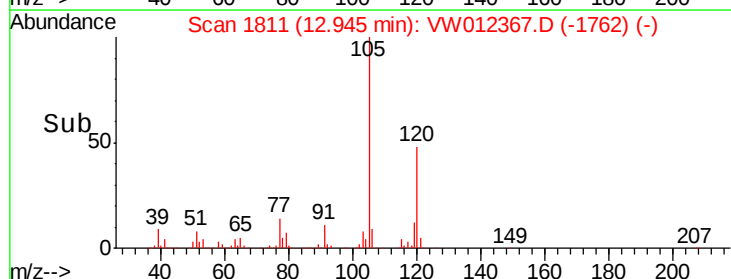
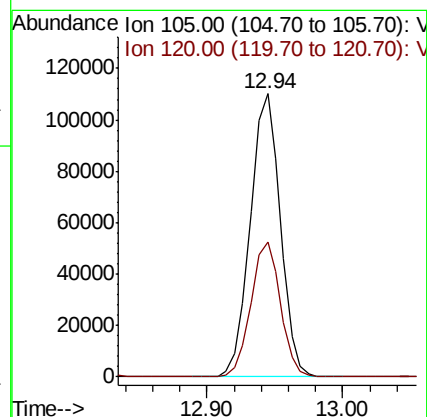
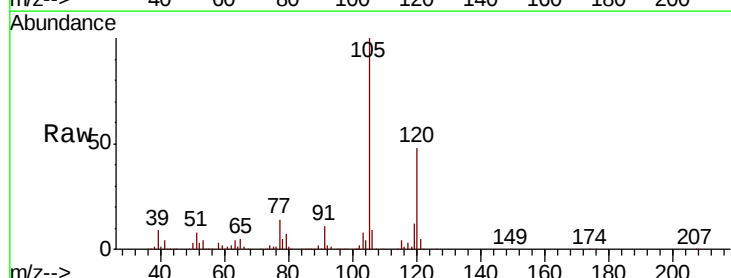
Acq: 30 Aug 2019 23:54

Tgt Ion:105 Resp: 170772

Ion Ratio Lower Upper

105 100

120 47.0 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 21.972 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

Instrument :

MSVOA\_W

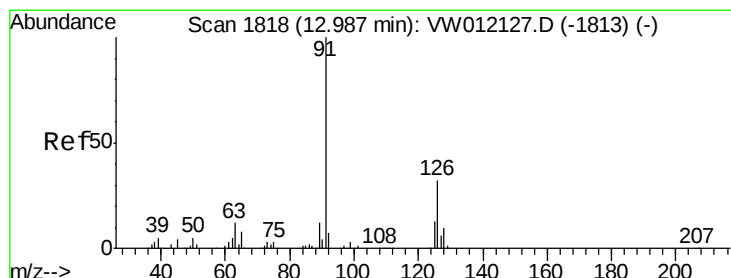
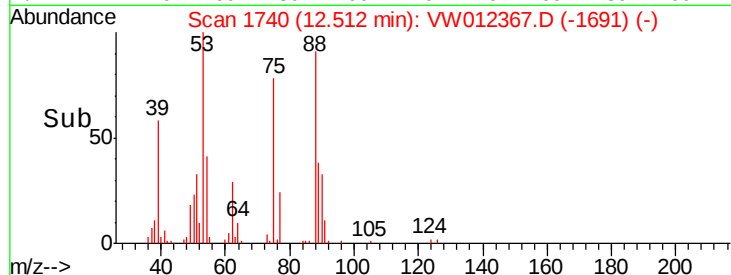
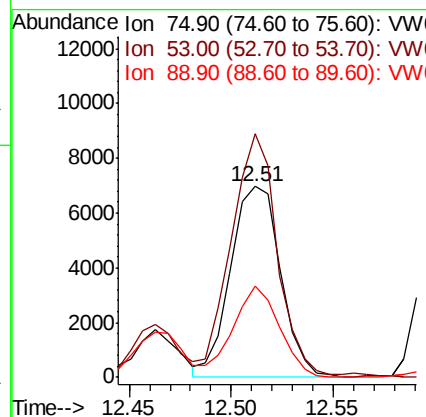
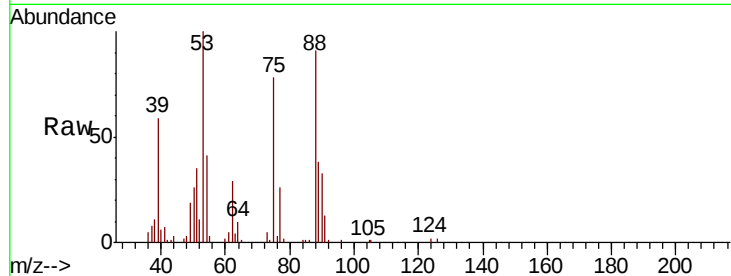
ClientSampleId :

VW0830SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 11876 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 116.0 | 89.4  | 134.0 |
| 89       | 45.4  | 34.5  | 51.7  |

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 22.076 ug/l

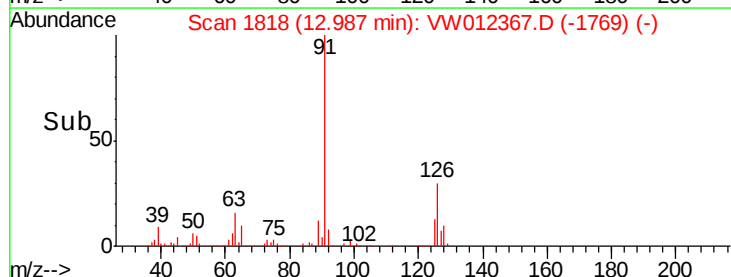
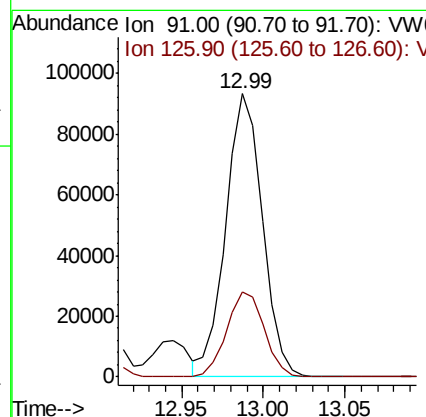
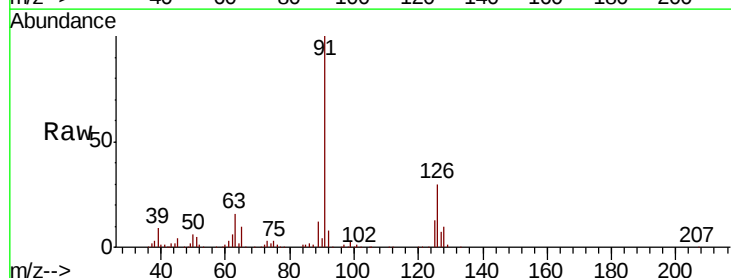
RT: 12.99 min Scan# 1818

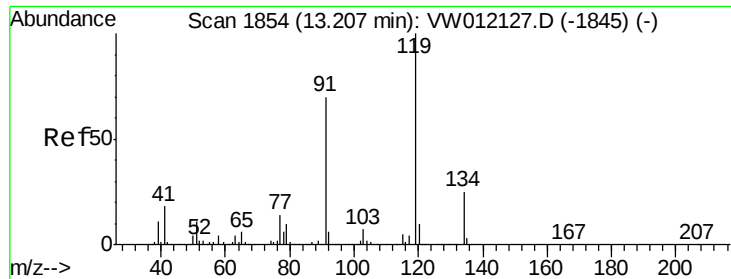
Delta R.T. -0.00 min

Lab File: VW012367.D

Acq: 30 Aug 2019 23:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 146076 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 30.8  | 15.6  | 46.8   |





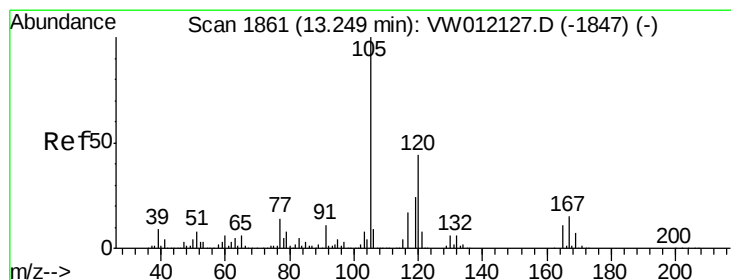
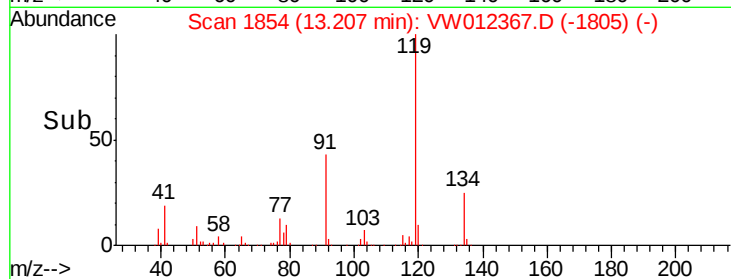
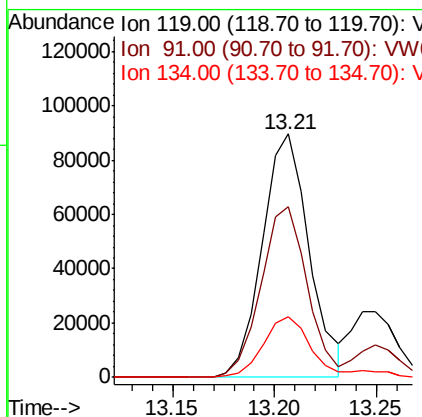
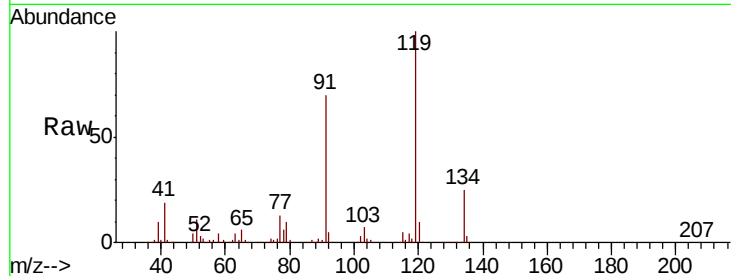
#83  
tert-Butylbenzene  
Concen: 22.241 ug/l  
RT: 13.21 min Scan# 1854  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 69.4  | 34.8  | 104.3 |
| 134     | 25.1  | 13.3  | 39.8  |

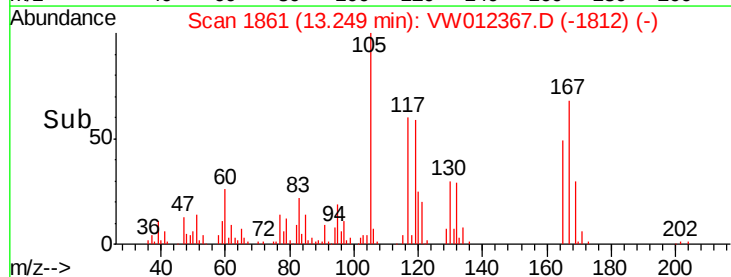
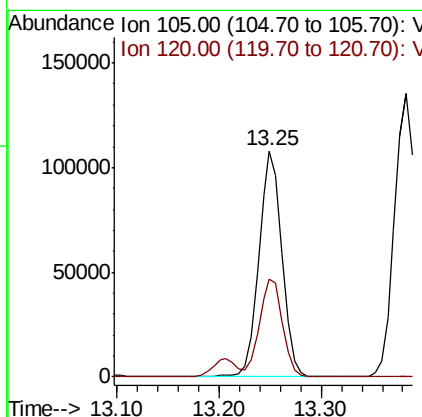
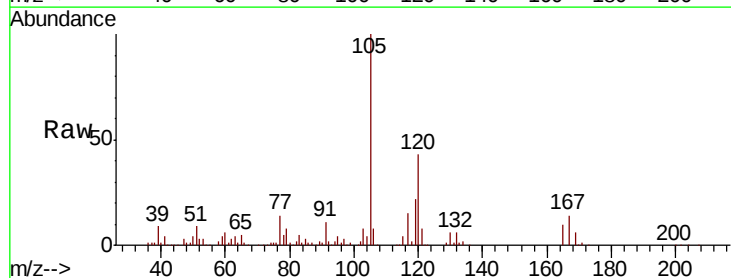
Manual Integrations  
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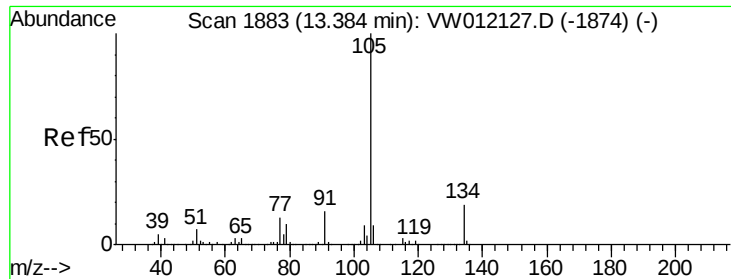
MMDadoda  
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#84  
1,2,4-Trimethylbenzene  
Concen: 22.241 ug/l  
RT: 13.25 min Scan# 1861  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.2  | 21.9  | 65.7  |





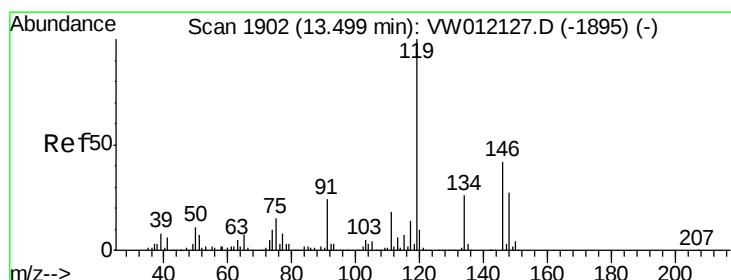
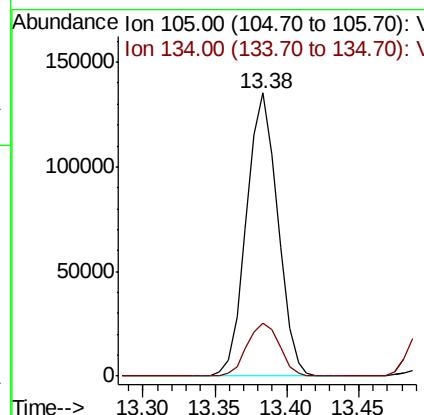
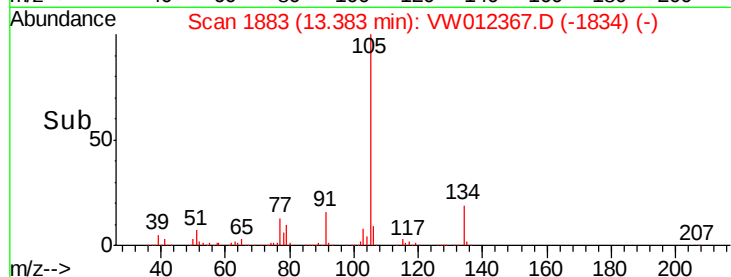
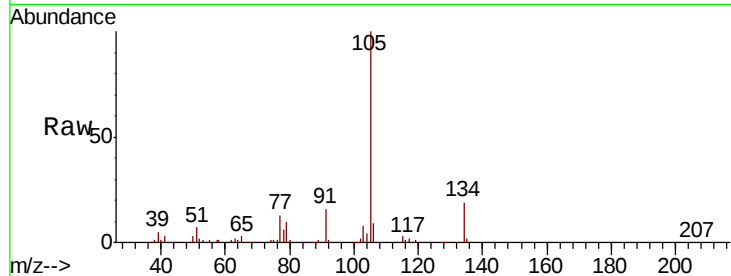
#85  
 sec-Butylbenzene  
 Concen: 22.089 ug/l  
 RT: 13.38 min Scan# 1883  
 Delta R.T. -0.00 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 204242 |       |       |
| 134     | 19.4  | 9.8    | 29.4  |       |

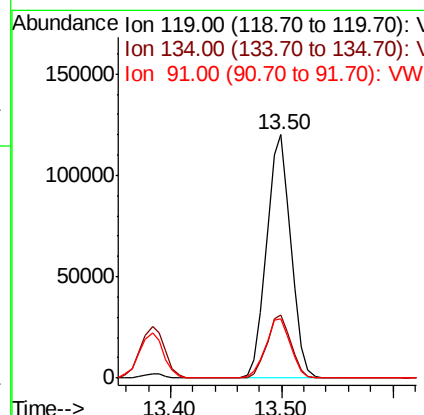
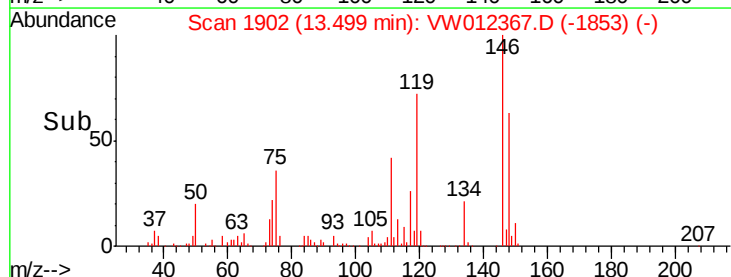
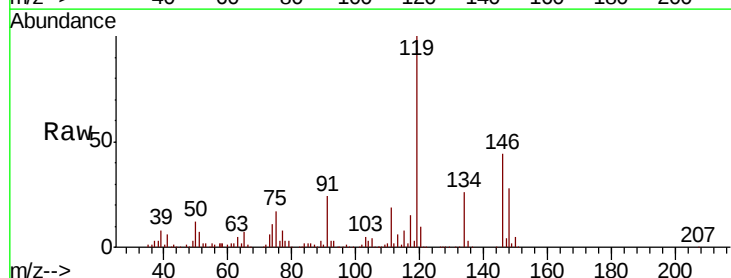
Manual Integrations  
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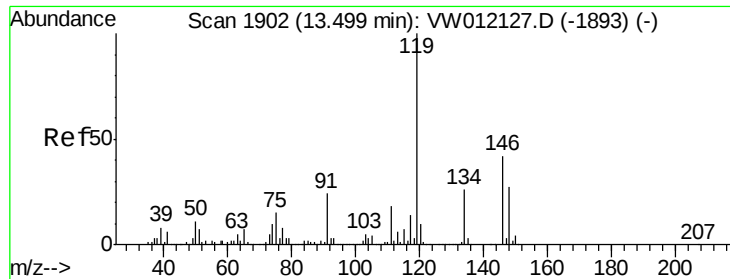
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#86  
 p-Isopropyltoluene  
 Concen: 22.190 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 183232 |       |       |
| 134     | 25.6  | 12.8   | 38.3  |       |
| 91      | 24.7  | 12.3   | 36.9  |       |





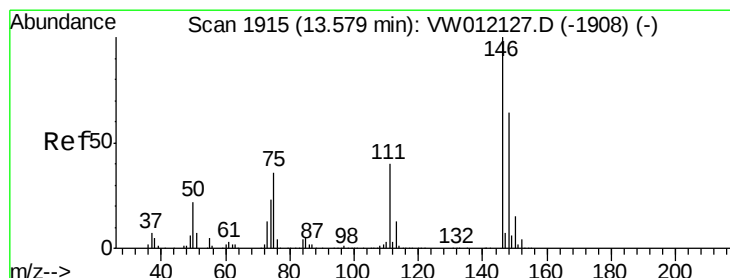
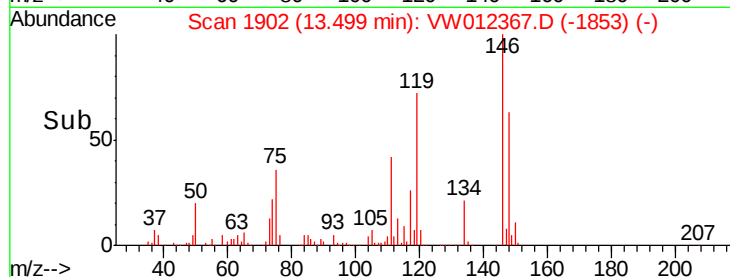
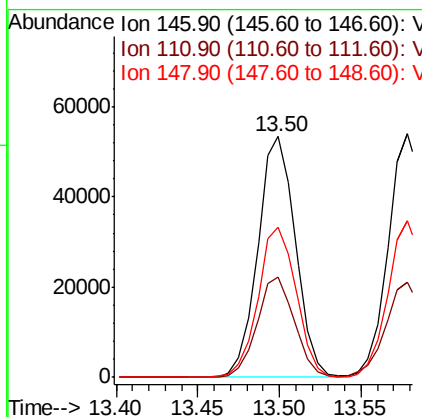
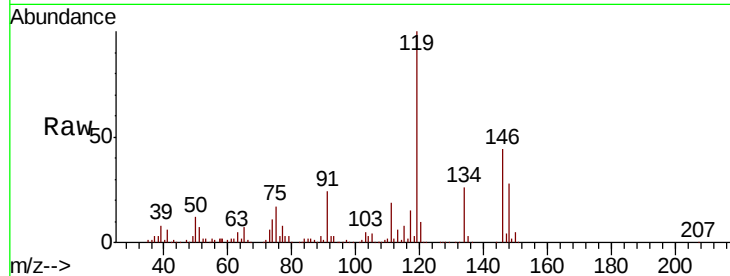
#87  
 1,3-Dichlorobenzene  
 Concen: 22.157 ug/l  
 RT: 13.50 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.6  | 20.9  | 62.7  |
| 148     | 63.2  | 32.2  | 96.6  |

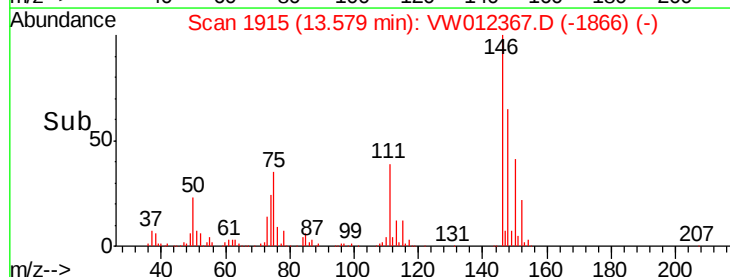
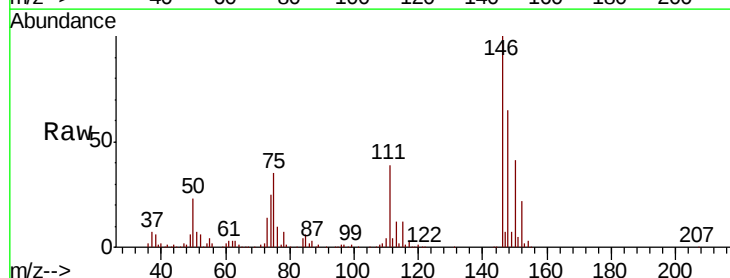
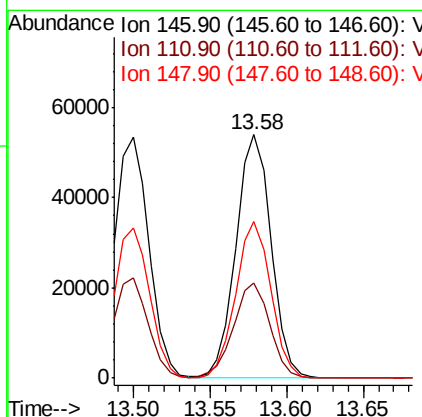
Manual Integrations  
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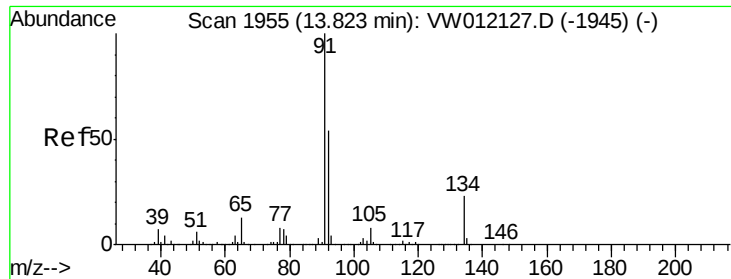
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 8/31/2019 9:11:51 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 22.459 ug/l  
 RT: 13.58 min Scan# 1915  
 Delta R.T. -0.00 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.6  | 20.0  | 60.0  |
| 148     | 64.4  | 32.1  | 96.3  |





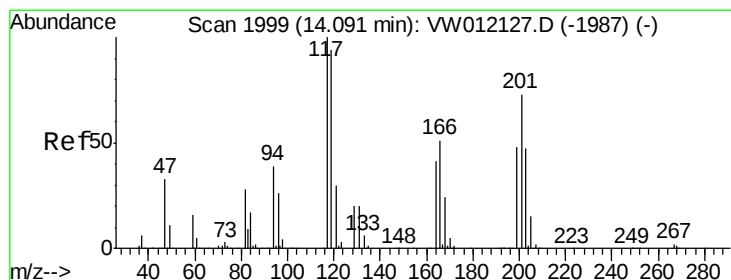
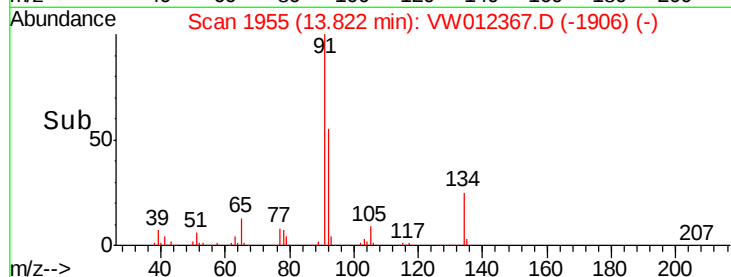
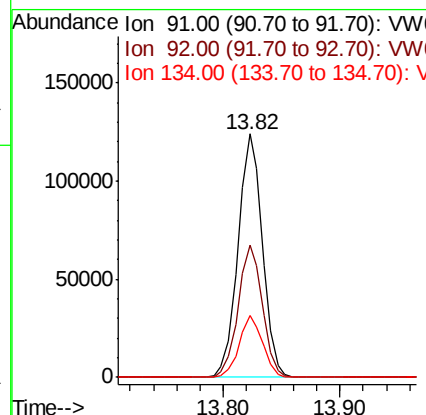
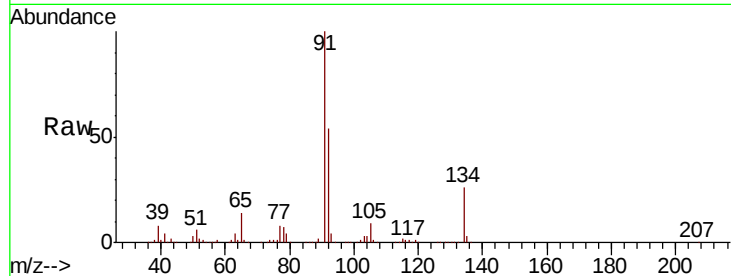
#89  
n-Butylbenzene  
Concen: 22.017 ug/l  
RT: 13.82 min Scan# 1955  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.0  | 27.1  | 81.2  |
| 134     | 24.5  | 12.2  | 36.4  |

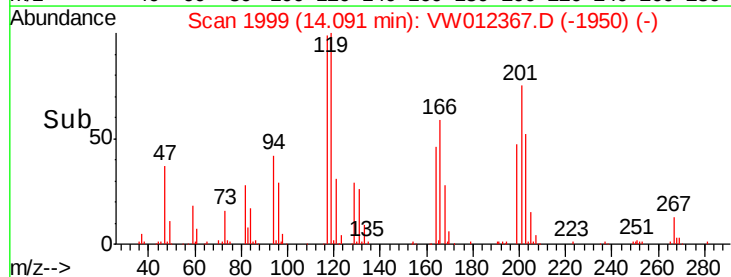
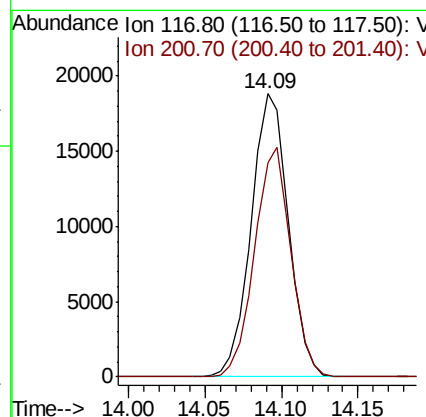
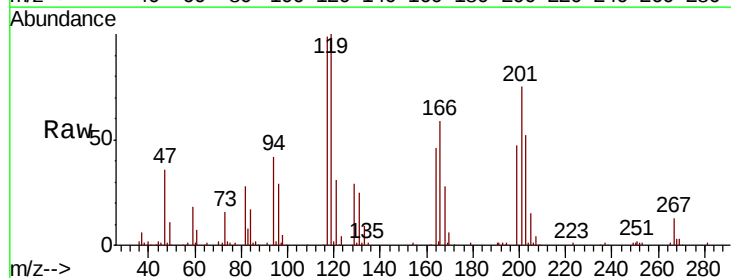
Manual Integrations  
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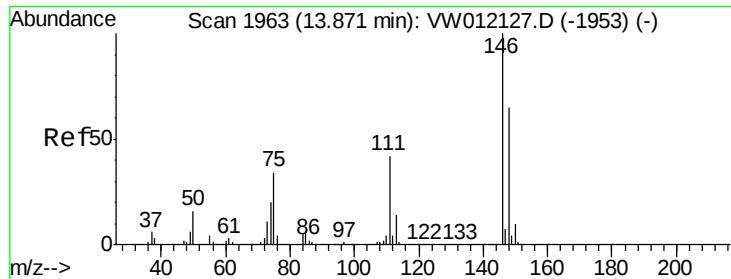
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8/31/2019 9:11:51 AM



#90  
Hexachloroethane  
Concen: 21.976 ug/l  
RT: 14.09 min Scan# 1999  
Delta R.T. -0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 79.2  | 38.6  | 115.7 |





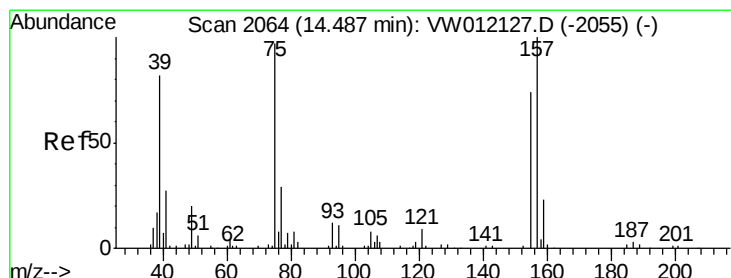
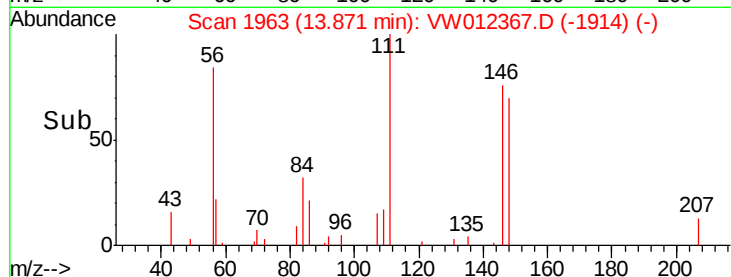
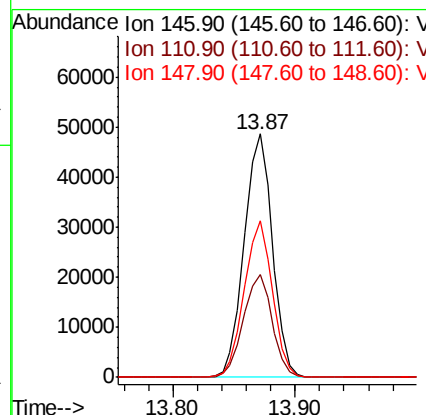
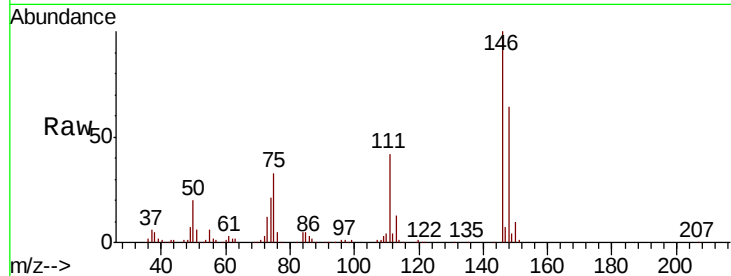
#91  
 1,2-Dichlorobenzene  
 Concen: 23.064 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.2  | 21.2  | 63.6  |
| 148     | 63.8  | 32.5  | 97.4  |

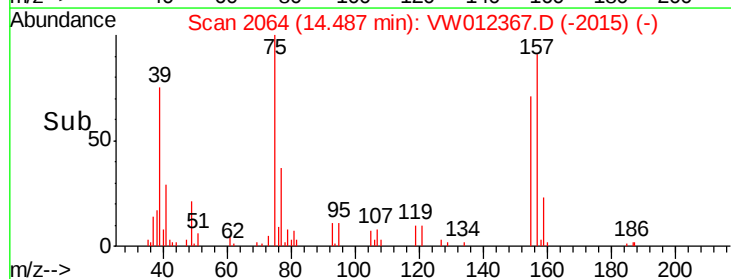
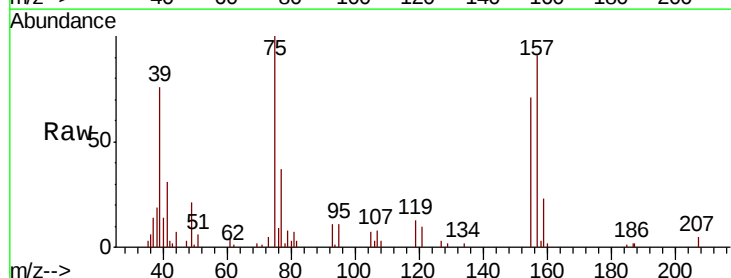
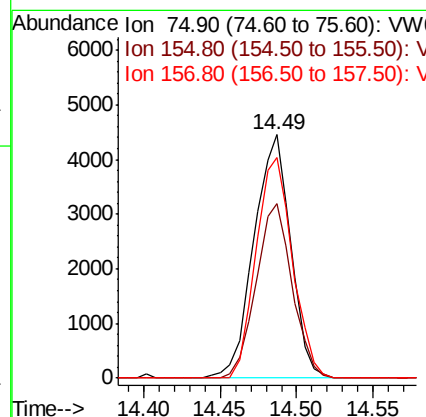
Manual Integrations  
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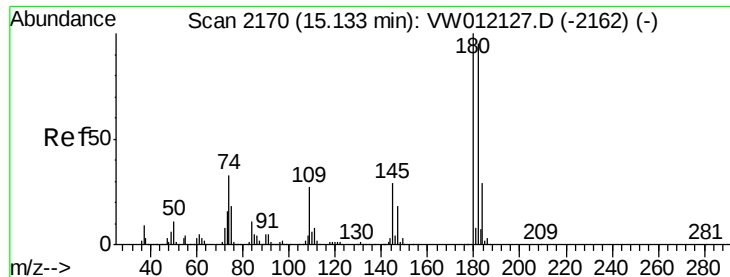
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 26.476 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.00 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 70.1  | 37.5  | 112.3 |
| 157     | 89.5  | 50.5  | 151.5 |





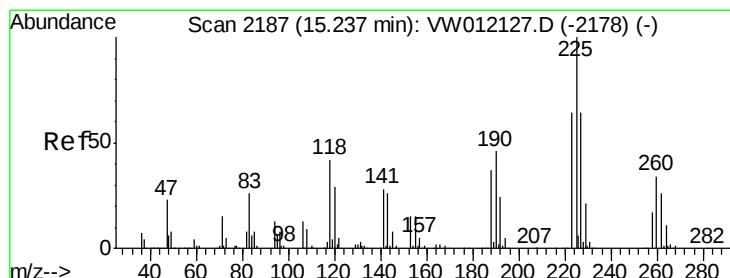
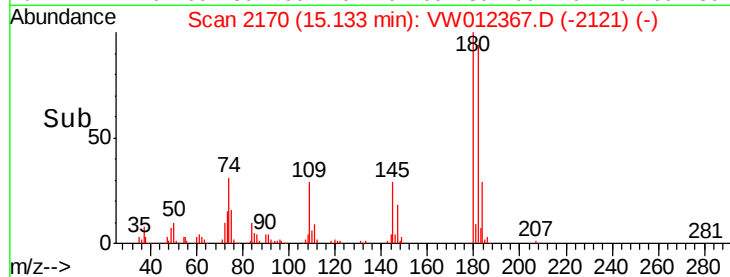
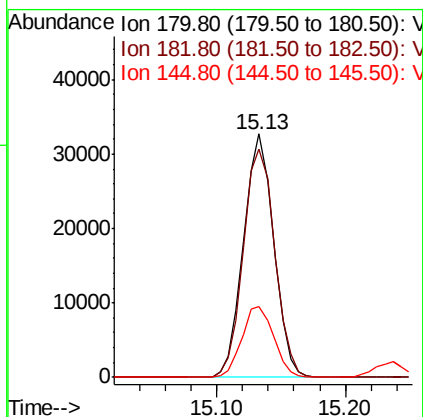
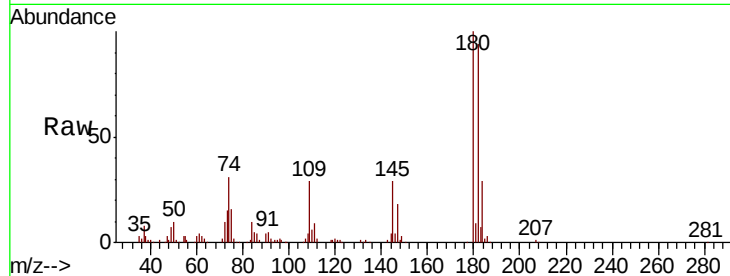
#93  
 1,2,4-Trichlorobenzene  
 Concen: 22.663 ug/l  
 RT: 15.13 min Scan# 2170  
 Delta R.T. -0.00 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0830SBSD02

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 53009 |       |       |
| 182     | 97.3  |       | 47.8  | 143.4 |
| 145     | 30.7  |       | 15.0  | 45.1  |

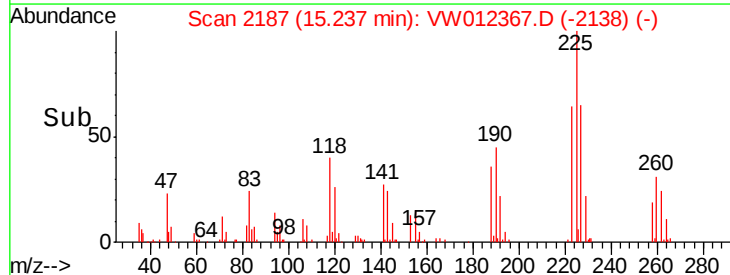
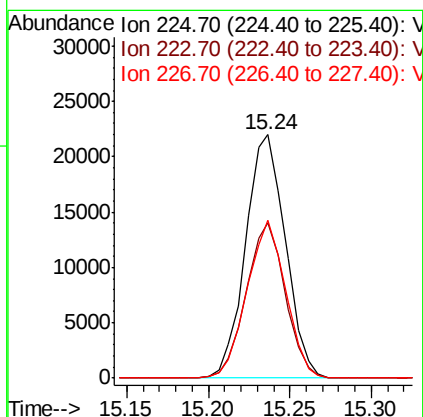
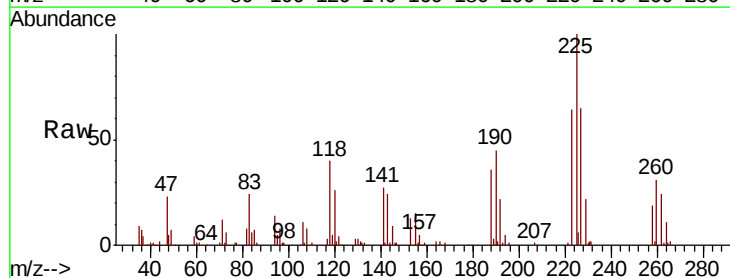
Manual Integrations  
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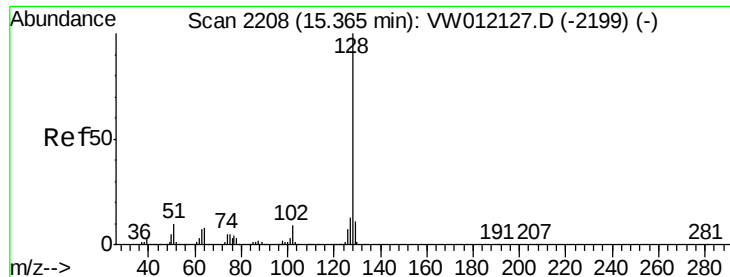
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 8/31/2019 9:11:51 AM



#94  
 Hexachlorobutadiene  
 Concen: 24.130 ug/l  
 RT: 15.24 min Scan# 2187  
 Delta R.T. -0.00 min  
 Lab File: VW012367.D  
 Acq: 30 Aug 2019 23:54

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 37268 |       |       |
| 223     | 62.5  |       | 32.3  | 96.8  |
| 227     | 62.9  |       | 32.9  | 98.6  |





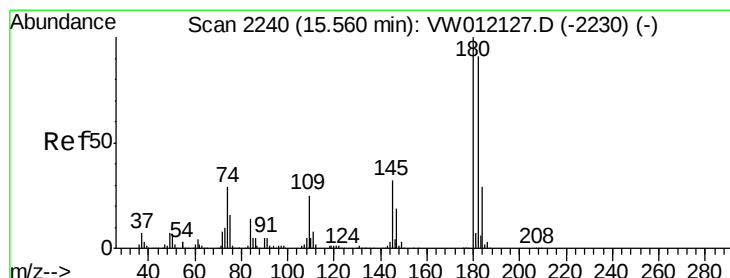
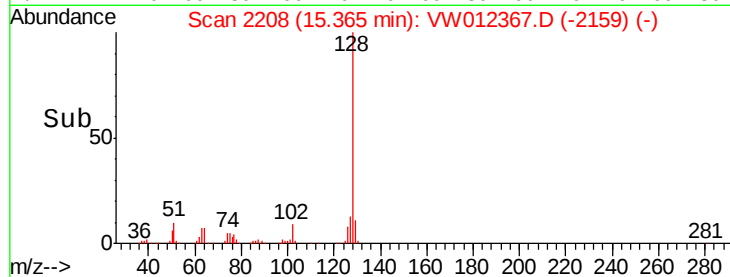
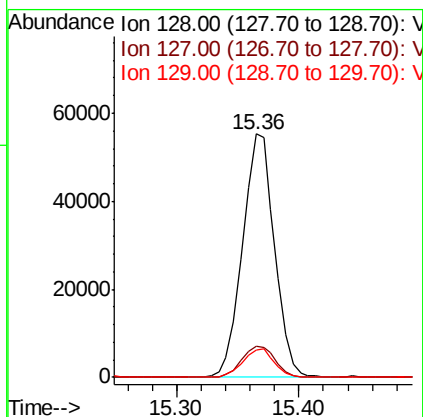
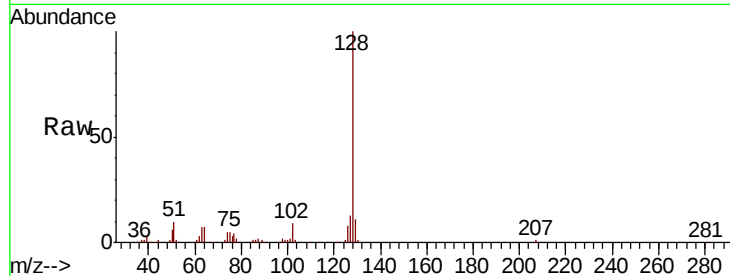
#95  
Naphthalene  
Concen: 24.270 ug/l  
RT: 15.36 min Scan# 2208  
Delta R.T. 0.00 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0830SBS02

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:128 | Resp: | 100224    |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 13.3  | 10.7 16.1 |
| 129         | 11.3  | 8.7 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 23.649 ug/l  
RT: 15.55 min Scan# 2239  
Delta R.T. -0.01 min  
Lab File: VW012367.D  
Acq: 30 Aug 2019 23:54

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 48262      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 94.6  | 47.1 141.3 |
| 145         | 31.8  | 16.2 48.5  |

