

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070218\  
 Data File : VW003682.D  
 Acq On : 02 Jul 2018 17:50  
 Operator : SY/AP  
 Sample : VSTDICCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

apatel  
 7/3/2018 10:16:34 AM

Quant Time: Jul 03 02:42:20 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W070218S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 03 02:27:04 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 248279   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 387698   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 364533   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 194635   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 146982   | 53.55 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.10% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 129441   | 52.88 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.76% |      |
| 50) Toluene-d8            | 10.33  | 98  | 513661   | 53.03 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.06% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 187145   | 54.35 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 108.70% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 60034   | 72.12  | ug/l | 100    |
| 3) Chloromethane              | 2.21 | 50  | 101391  | 52.41  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.36 | 62  | 137841  | 49.27  | ug/l | 100    |
| 5) Bromomethane               | 2.78 | 94  | 88559   | 47.93  | ug/l | 100    |
| 6) Chloroethane               | 2.92 | 64  | 80556   | 42.33  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 70198   | 43.08  | ug/l | 100    |
| 8) Diethyl Ether              | 3.67 | 74  | 64883   | 52.36  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 117211  | 50.24  | ug/l | 100    |
| 10) Methyl Iodide             | 4.26 | 142 | 176800  | 50.23  | ug/l | 100    |
| 11) Tert butyl alcohol        | 5.22 | 59  | 44739   | 300.12 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 4.03 | 96  | 117745  | 51.29  | ug/l | 100    |
| 13) Acrolein                  | 3.89 | 56  | 13913   | 76.15  | ug/l | 100    |
| 14) Allyl chloride            | 4.65 | 41  | 203385  | 51.44  | ug/l | 100    |
| 15) Acrylonitrile             | 5.37 | 53  | 151383  | 291.53 | ug/l | 100    |
| 16) Acetone                   | 4.14 | 43  | 165591  | 283.49 | ug/l | 100    |
| 17) Carbon Disulfide          | 4.37 | 76  | 372829  | 54.29  | ug/l | 100    |
| 18) Methyl Acetate            | 4.67 | 43  | 69850   | 51.44  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 235445  | 54.69  | ug/l | 100    |
| 20) Methylene Chloride        | 4.91 | 84  | 131937  | 46.49  | ug/l | 100    |
| 21) trans-1,2-Dichloroethene  | 5.41 | 96  | 131750  | 52.58  | ug/l | 100    |
| 22) Diisopropyl ether         | 6.31 | 45  | 427139  | 53.49  | ug/l | 100    |
| 23) Vinyl Acetate             | 6.26 | 43  | 1360725 | 291.61 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 246109  | 51.93  | ug/l | 100    |
| 25) 2-Butanone                | 7.18 | 43  | 223132  | 304.74 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 145192  | 46.75  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 141168  | 51.78  | ug/l | 100    |
| 28) Bromochloromethane        | 7.51 | 49  | 109923  | 55.87  | ug/l | 100    |
| 29) Tetrahydrofuran           | 7.54 | 42  | 136578  | 304.06 | ug/l | 100    |
| 30) Chloroform                | 7.67 | 83  | 248256  | 51.61  | ug/l | 100    |
| 31) Cyclohexane               | 7.95 | 56  | 219347  | 49.38  | ug/l | 100    |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 193379  | 49.12  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 200274  | 52.51  | ug/l | 100    |
| 37) Ethyl Acetate             | 7.26 | 43  | 95665   | 59.17  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 188012  | 50.68  | ug/l | 100    |

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 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VSTDICCC050

Manual Integrations  
 APPROVED

apatel  
 7/3/2018 10:16:34 AM

Quant Time: Jul 03 02:42:20 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W070218S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 03 02:27:04 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 236162   | 53.36   | ug/l   | 100      |
| 40) Benzene                    | 8.32  | 78   | 554254   | 52.70   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.49  | 41   | 55057    | 56.21   | ug/l   | 100      |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 173389   | 52.68   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 181260   | 57.09   | ug/l   | 100      |
| 44) Trichloroethene            | 9.09  | 130  | 140498   | 50.86   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 142073   | 53.07   | ug/l   | 100      |
| 46) Dibromomethane             | 9.46  | 93   | 74334    | 54.01   | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.65  | 83   | 185167   | 52.78   | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.44  | 41   | 89178    | 59.58   | ug/l   | 100      |
| 49) 1,4-Dioxane                | 9.48  | 88   | 23972    | 1151.23 | ug/l # | 100      |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 487173   | 299.17  | ug/l   | 100      |
| 52) Toluene                    | 10.39 | 92   | 354067   | 52.60   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 196559   | 54.71   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 223242   | 54.51   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 104813   | 54.07   | ug/l   | 100      |
| 56) Ethyl methacrylate         | 10.65 | 69   | 139864   | 59.02   | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 184287   | 55.00   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 281865   | 269.80  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.98 | 43   | 350238   | 307.24  | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 123155   | 53.74   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 100590   | 54.84   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.87 | 164  | 122510   | 49.83   | ug/l   | 100      |
| 65) Chlorobenzene              | 11.66 | 112  | 383843   | 50.13   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 136279   | 50.72   | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.74 | 91   | 698461   | 51.41   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.84 | 106  | 531756   | 102.95  | ug/l   | 100      |
| 69) o-Xylene                   | 12.17 | 106  | 245430   | 51.45   | ug/l   | 100      |
| 70) Styrene                    | 12.18 | 104  | 424112   | 53.15   | ug/l   | 100      |
| 71) Bromoform                  | 12.35 | 173  | 75700    | 53.97   | ug/l   | 100      |
| 73) Isopropylbenzene           | 12.47 | 105  | 683876   | 50.32   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.28 | 43   | 180588   | 57.03   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 128037   | 54.56   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 86574m   | 51.35   | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 161393   | 50.77   | ug/l   | 100      |
| 78) n-propylbenzene            | 12.81 | 91   | 851977   | 51.04   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 479284   | 50.81   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 580119   | 50.80   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 42132    | 56.78   | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 503196   | 50.31   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 492788   | 50.69   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 604674   | 51.36   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.39 | 105  | 730306   | 50.49   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 643307   | 50.54   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 323331   | 49.67   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 321889   | 49.70   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.83 | 91   | 632151   | 50.84   | ug/l   | 100      |
| 90) Hexachloroethane           | 14.10 | 117  | 115986   | 50.30   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 288369   | 50.47   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 22274    | 56.33   | ug/l   | 100      |

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Operator : SY/AP  
Sample : VSTDICCC050  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
APPROVED

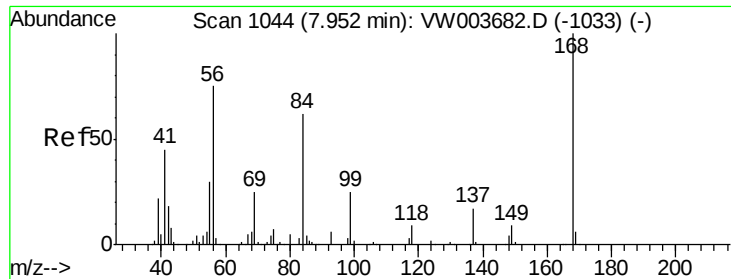
apatel  
7/3/2018 10:16:34 AM

Quant Time: Jul 03 02:42:20 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W070218S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 03 02:27:04 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.15 | 180  | 204766   | 51.02 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.25 | 225  | 117131   | 48.90 | ug/l  | 100      |
| 95) Naphthalene            | 15.38 | 128  | 387748   | 56.26 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 181364   | 51.23 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA\_W

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 248279

Ion Ratio Lower Upper

168 100

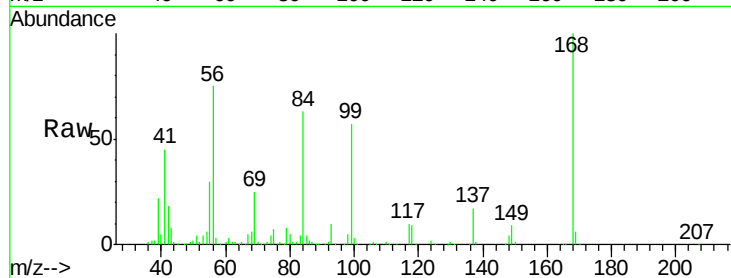
99 56.8 45.4 68.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

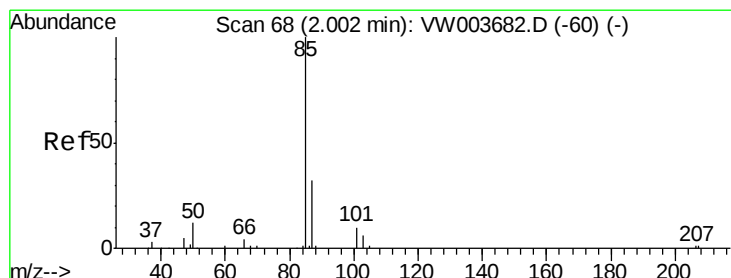
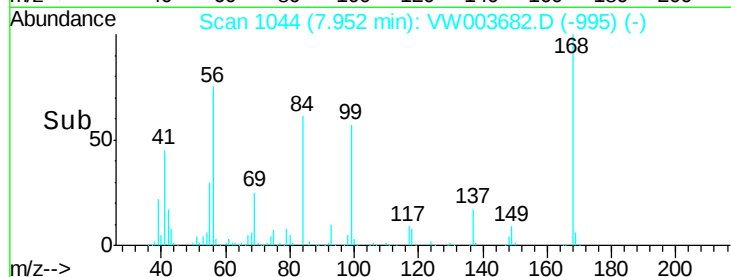
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 72.12 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003682.D

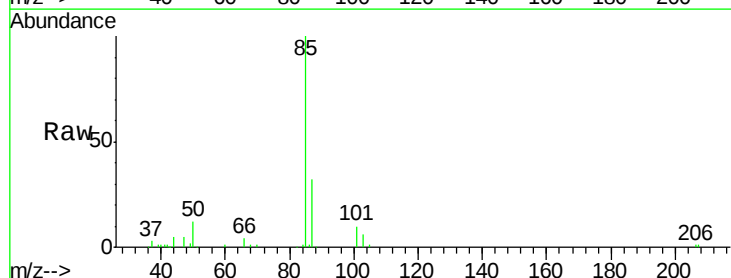
Acq: 02 Jul 2018 17:50

Tgt Ion: 85 Resp: 60034

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

20000

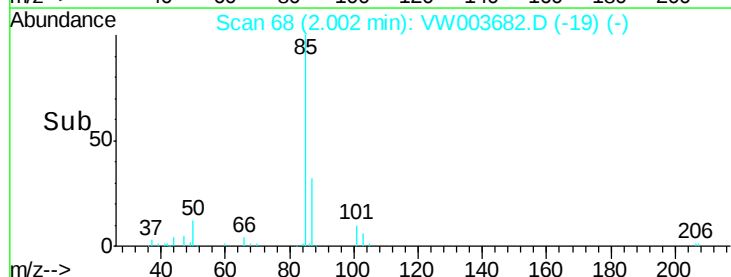
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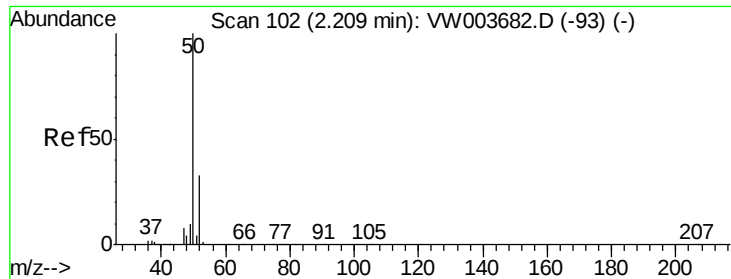
10000

5000

0

Time-->





#3

Chloromethane

Concen: 52.41 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 101391

Ion Ratio Lower Upper

50 100

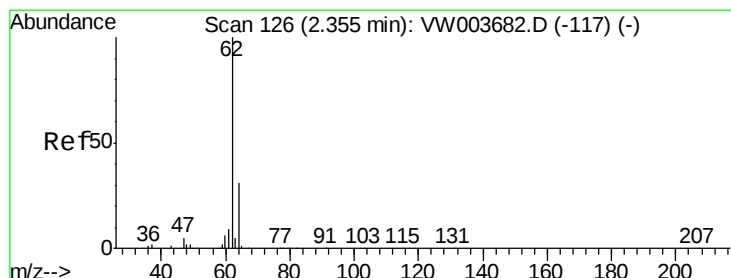
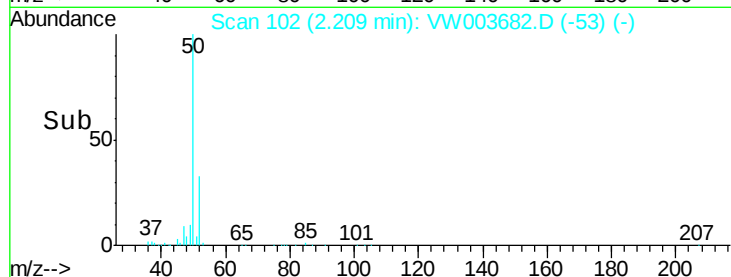
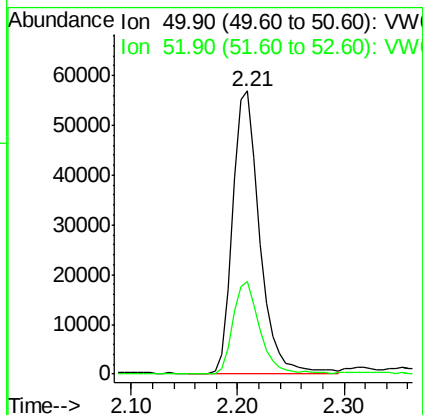
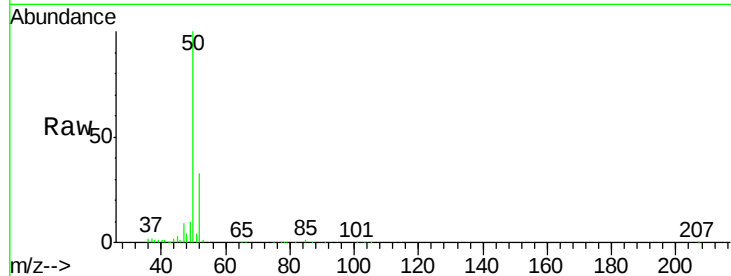
52 32.6 26.1 39.1

Manual Integrations

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apatel

7/3/2018 10:16:34 AM



#4

Vinyl Chloride

Concen: 49.27 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003682.D

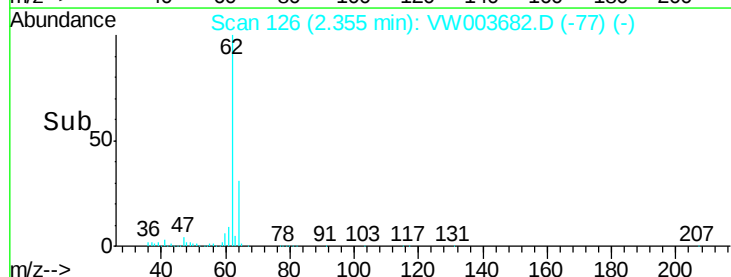
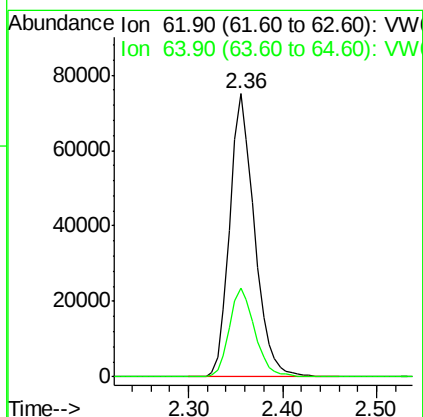
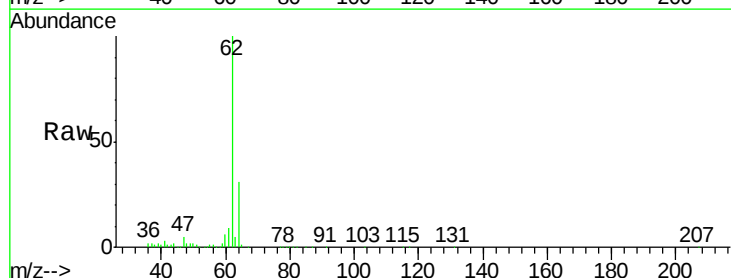
Acq: 02 Jul 2018 17:50

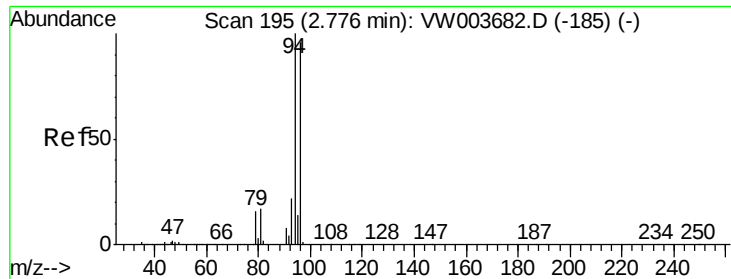
Tgt Ion: 62 Resp: 137841

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 47.93 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA\_W

ClientSampled :

VSTDICCC050

Tot Ion: 94 Resp: 88559

Ion Ratio Lower Upper

94 100

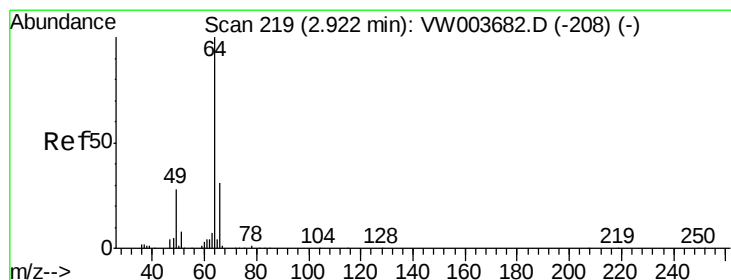
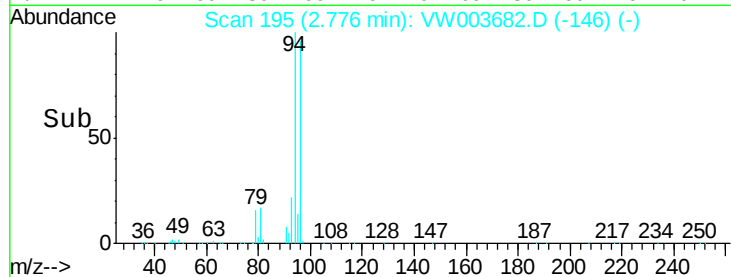
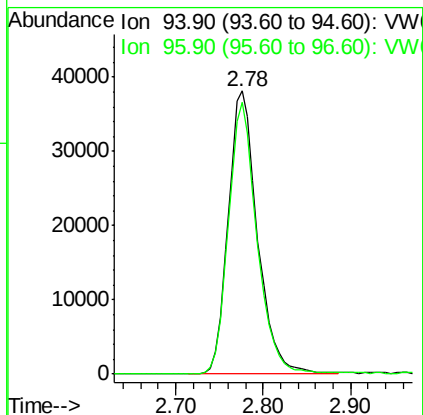
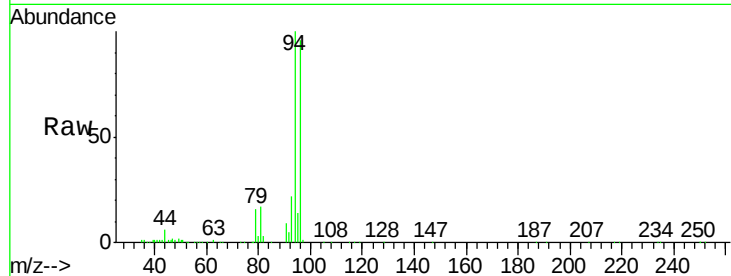
96 95.8 76.6 115.0

Manual Integrations

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7/3/2018 10:16:34 AM



#6

Chloroethane

Concen: 42.33 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003682.D

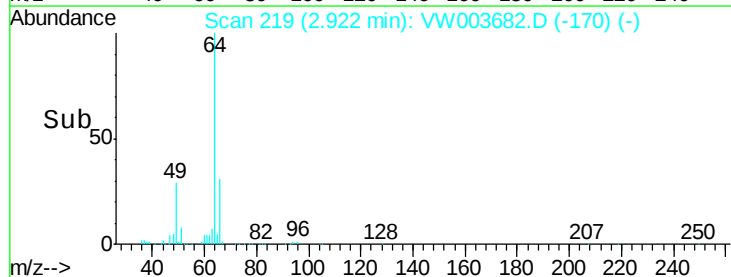
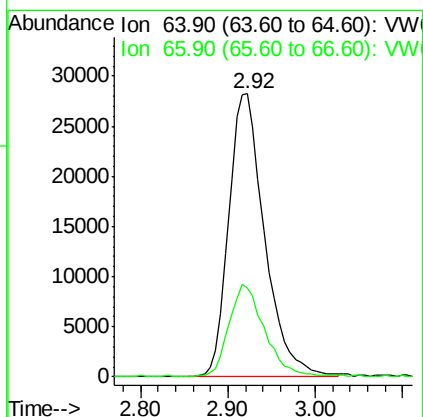
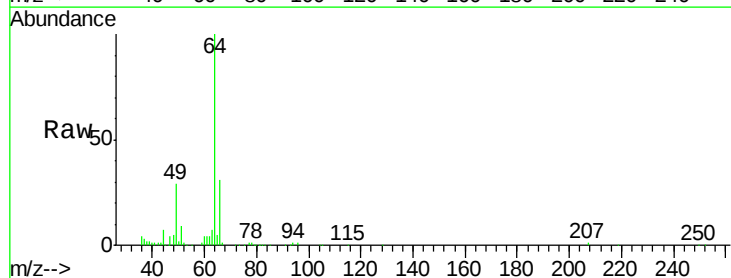
Acq: 02 Jul 2018 17:50

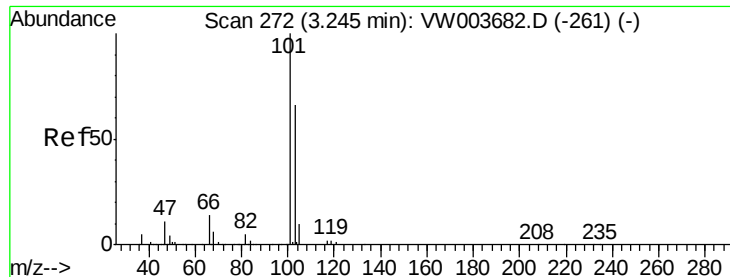
Tgt Ion: 64 Resp: 80556

Ion Ratio Lower Upper

64 100

66 31.3 25.0 37.6





#7

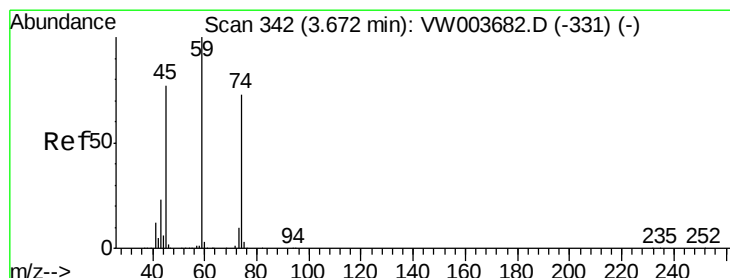
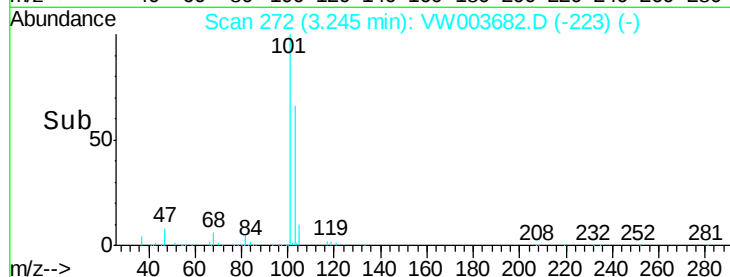
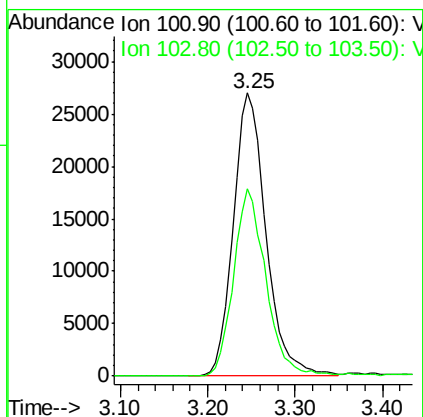
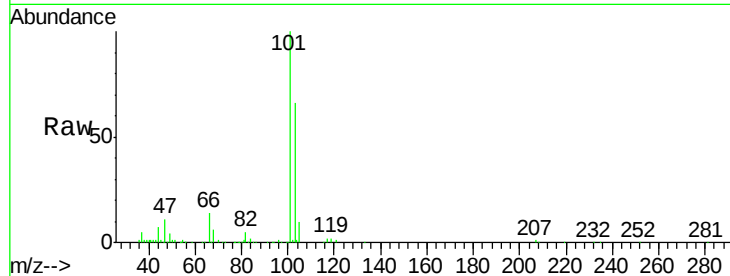
Trichlorofluoromethane  
 Concen: 43.08 ug/l  
 RT: 3.25 min Scan# 272  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 66.1  | 52.9  | 79.3  |

Manual Integrations  
 APPROVED

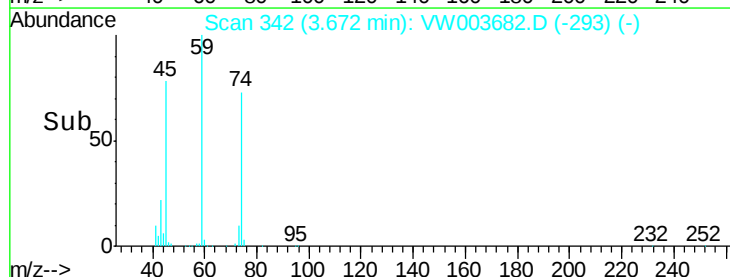
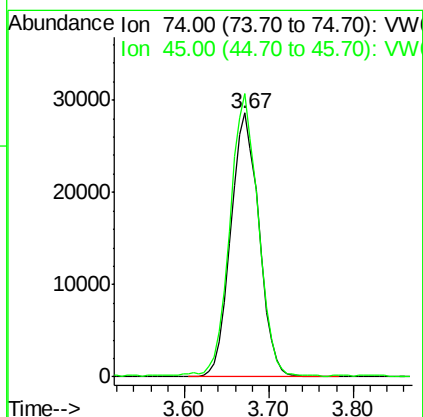
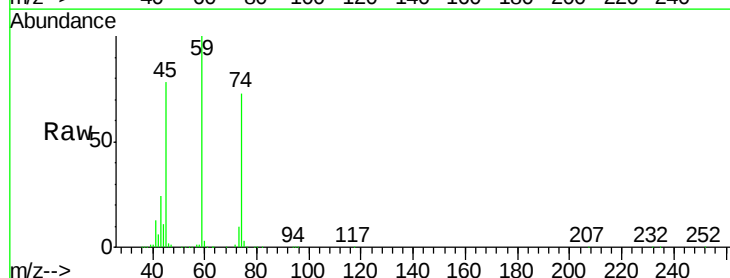
apatel  
 7/3/2018 10:16:34 AM

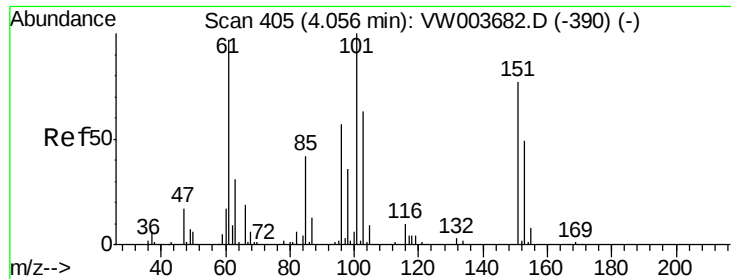


#8

Diethyl Ether  
 Concen: 52.36 ug/l  
 RT: 3.67 min Scan# 342  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 107.0 | 53.5  | 160.5 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.24 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA\_W

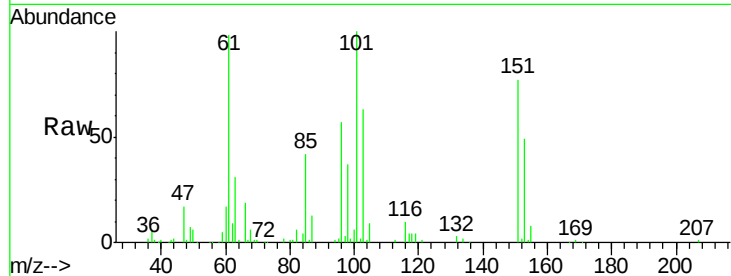
ClientSampleId :

VSTDICCC050

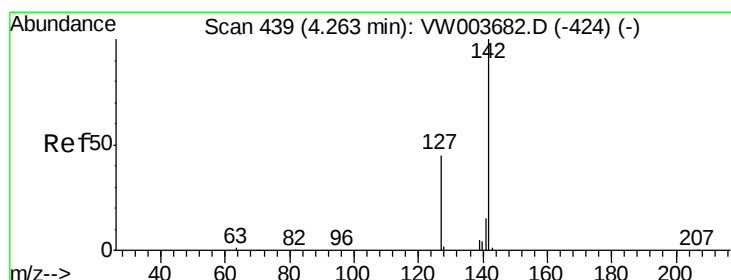
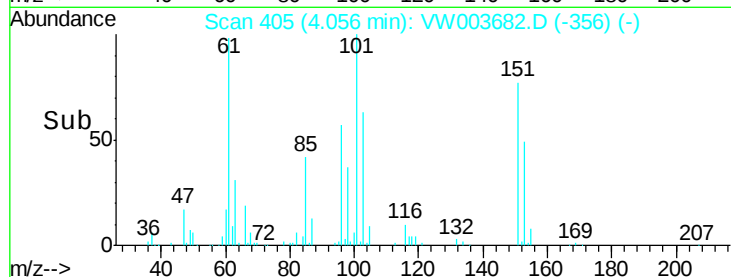
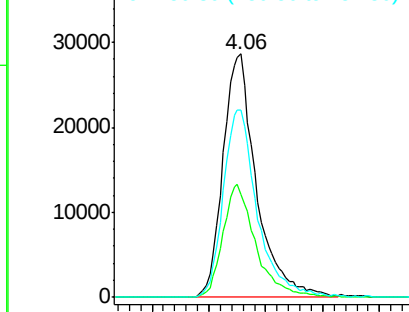
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 117211 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 45.8  | 36.6  | 55.0   |
| 151       | 78.0  | 62.4  | 93.6   |

Manual Integrations  
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Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 84.90 (84.60 to 85.60): V  
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.23 ug/l

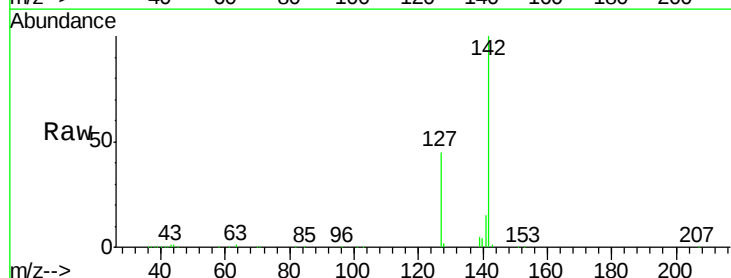
RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

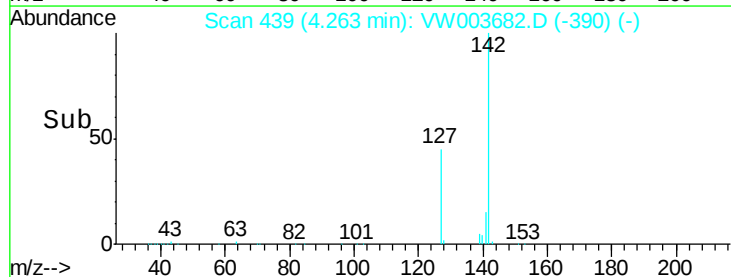
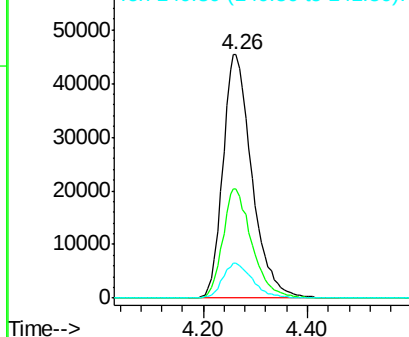
Lab File: VW003682.D

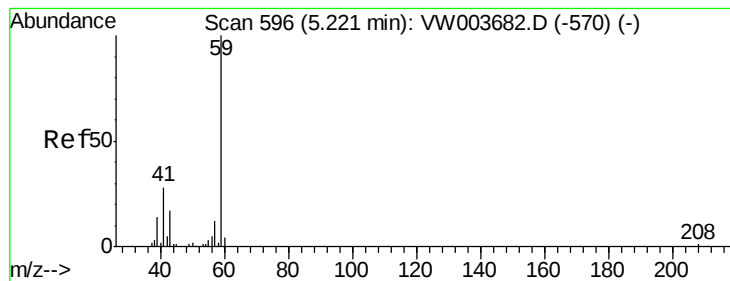
Acq: 02 Jul 2018 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 176800 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 45.0  | 36.0  | 54.0   |
| 141       | 14.9  | 11.9  | 17.9   |



Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V





#11

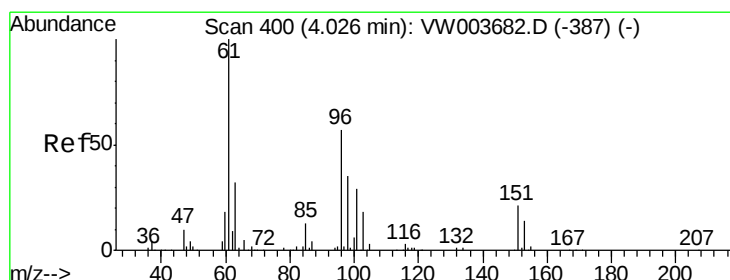
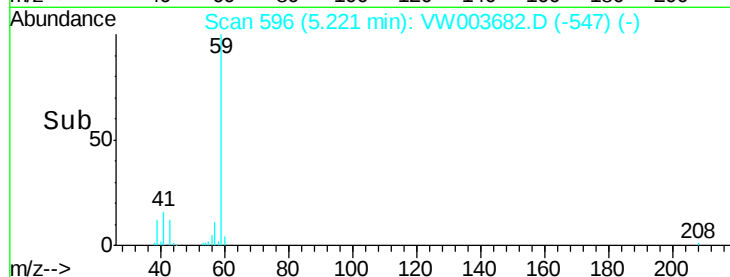
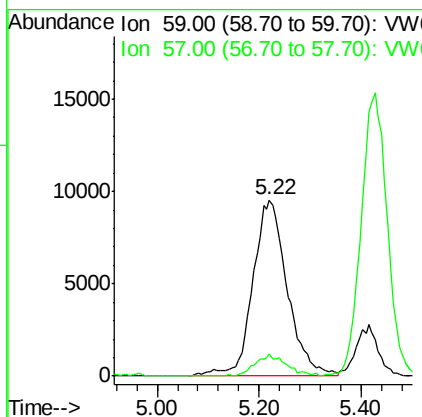
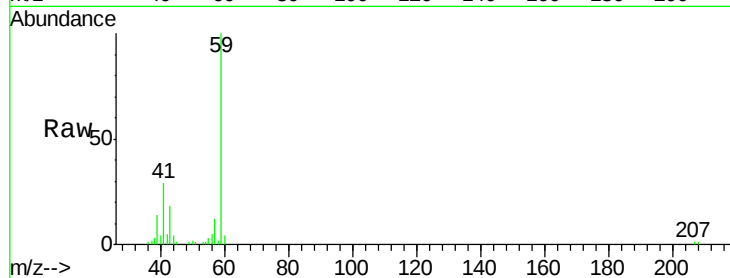
Tert butyl alcohol  
Concen: 300.12 ug/l  
RT: 5.22 min Scan# 596  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | 59 | 57 | Ratio | 100 | 11.2 | Resp | 44739 | Lower | 9.0 | Upper | 13.4 |
|---------|----|----|-------|-----|------|------|-------|-------|-----|-------|------|
| Ion     |    |    |       |     |      |      |       |       |     |       |      |

Manual Integrations  
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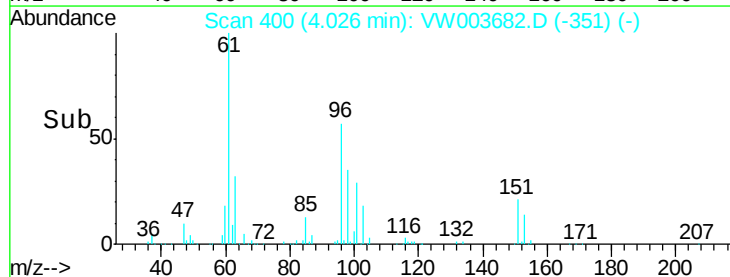
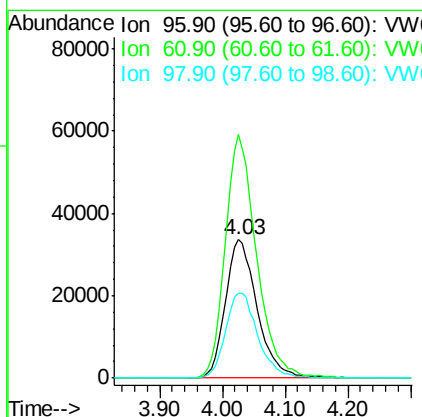
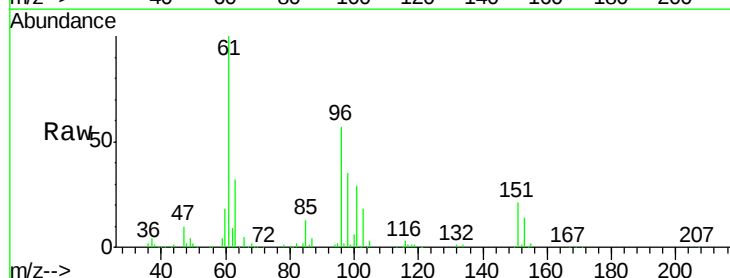
apatel  
7/3/2018 10:16:34 AM

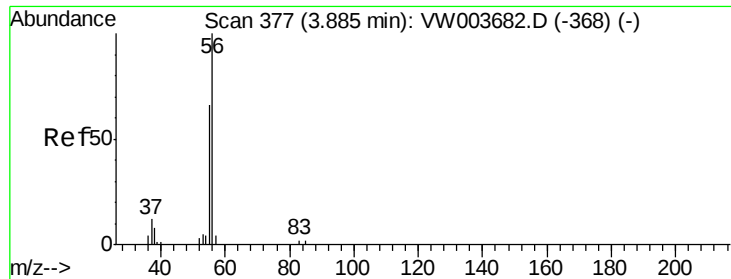


#12

1,1-Dichloroethene  
Concen: 51.29 ug/l  
RT: 4.03 min Scan# 400  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion | 96 | 61 | 98 | Ratio | 100 | 175.8 | 61.7 | Resp | 117745 | Lower | 140.6 | 49.4 | Upper | 211.0 | 74.0 |
|---------|----|----|----|-------|-----|-------|------|------|--------|-------|-------|------|-------|-------|------|
| Ion     |    |    |    |       |     |       |      |      |        |       |       |      |       |       |      |





#13

Acrolein

Concen: 76.15 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 13913

Ion Ratio Lower Upper

56 100

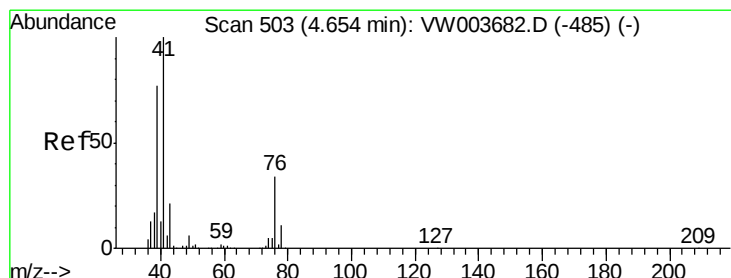
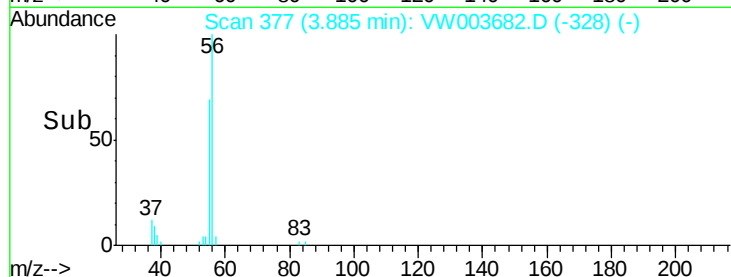
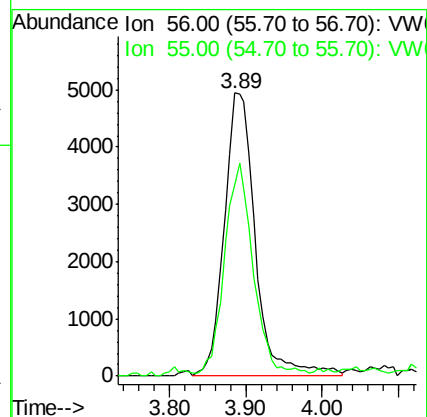
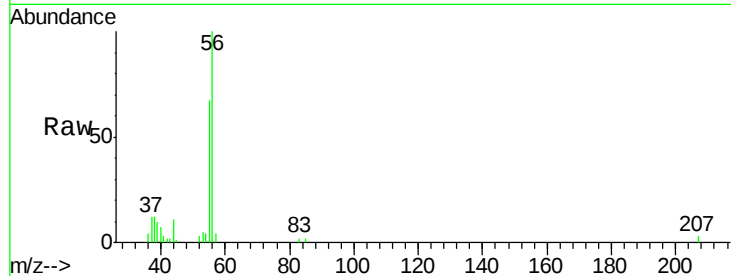
55 68.4 54.7 82.1

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#14

Allyl chloride

Concen: 51.44 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

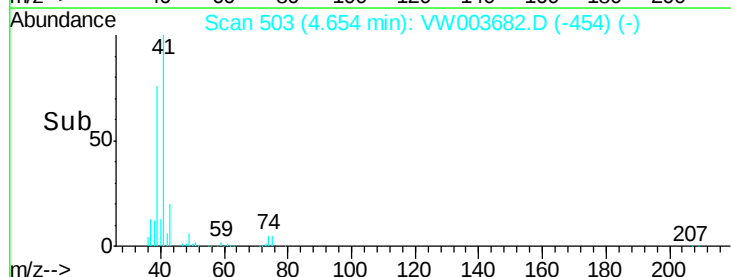
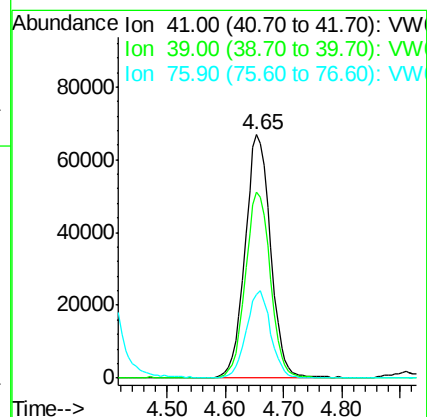
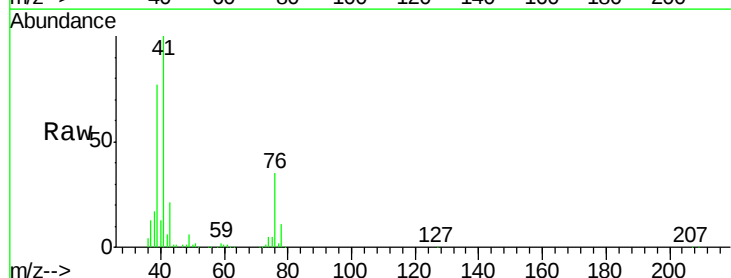
Tgt Ion: 41 Resp: 203385

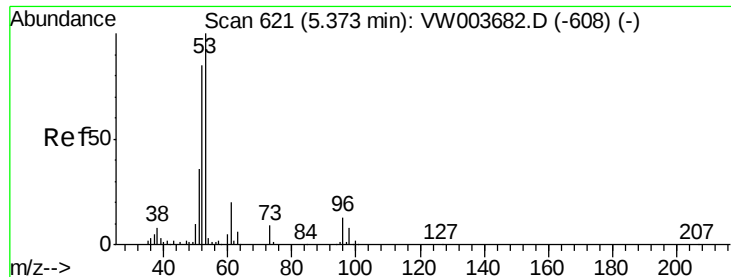
Ion Ratio Lower Upper

41 100

39 75.1 60.1 90.1

76 34.0 27.2 40.8





#15

Acrylonitrile

Concen: 291.53 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA\_W

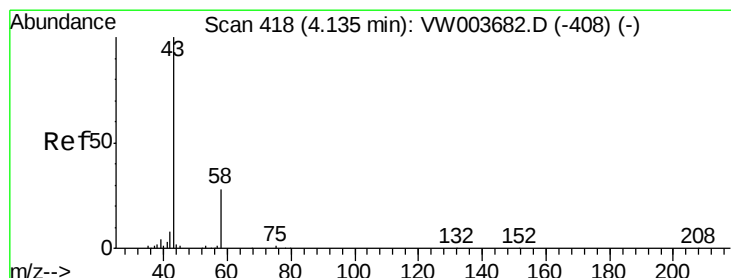
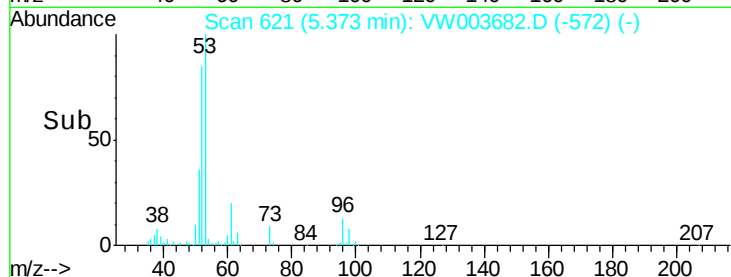
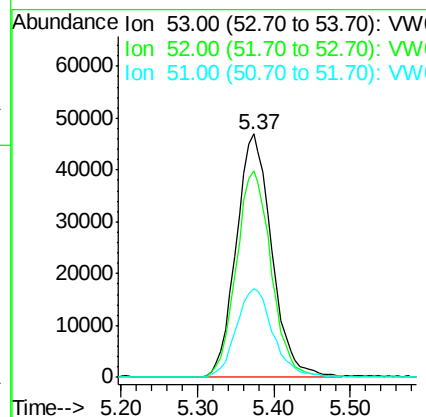
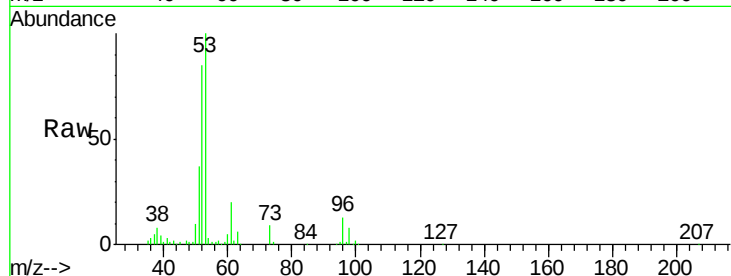
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 151383 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.5  | 66.8  | 100.2  |
| 51        | 37.8  | 30.2  | 45.4   |

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#16

Acetone

Concen: 283.49 ug/l

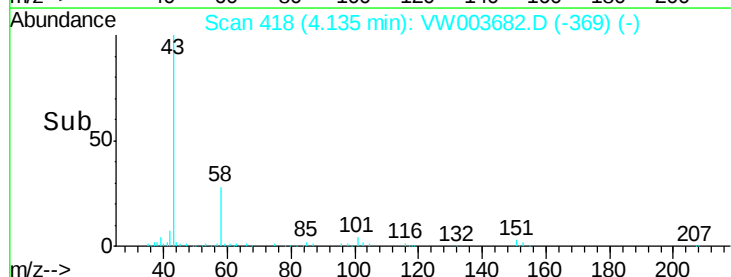
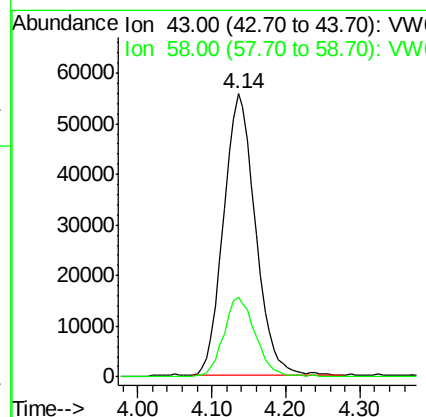
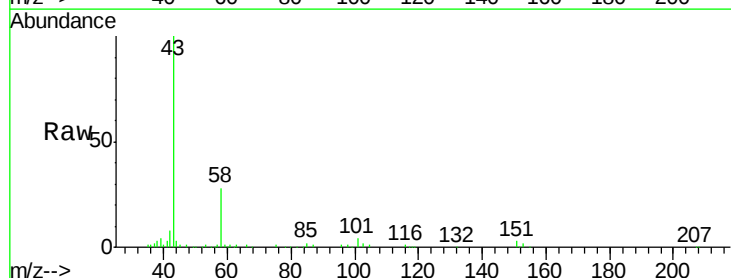
RT: 4.14 min Scan# 418

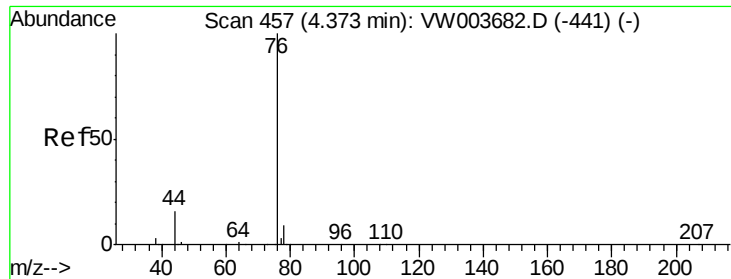
Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 165591 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 28.4  | 22.7  | 34.1   |





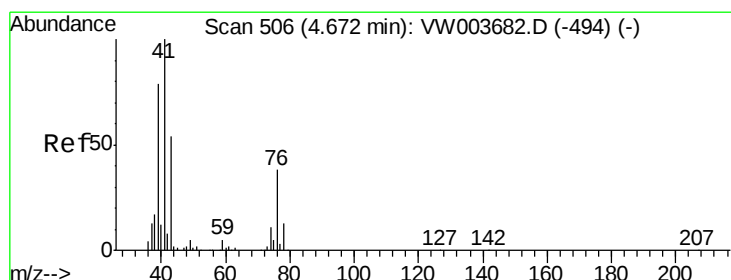
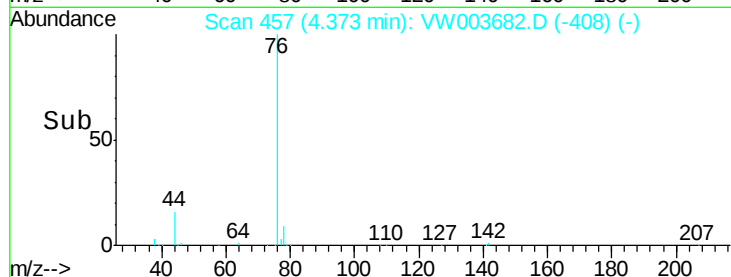
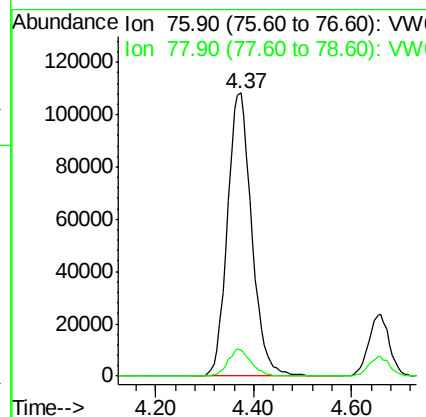
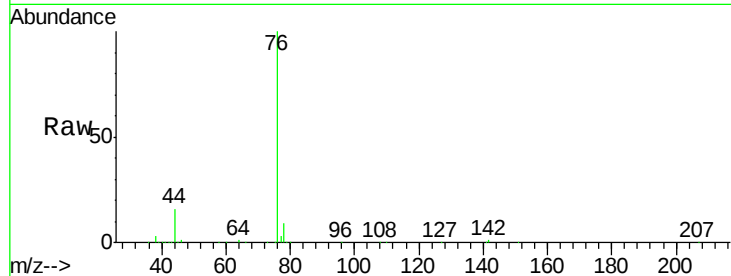
#17  
Carbon Disulfide  
Concen: 54.29 ug/l  
RT: 4.37 min Scan# 457  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.3   | 7.4   | 11.2  |

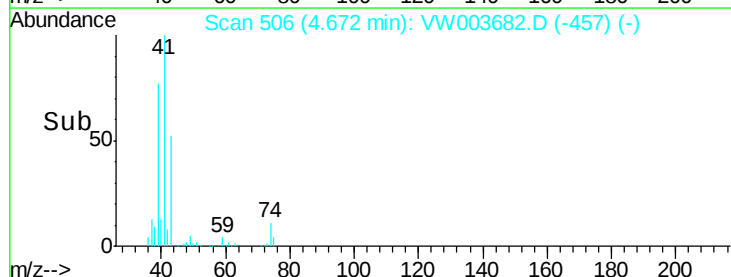
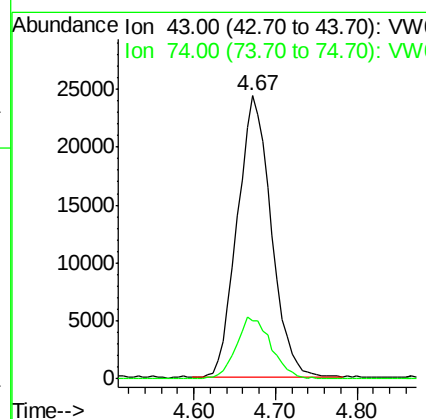
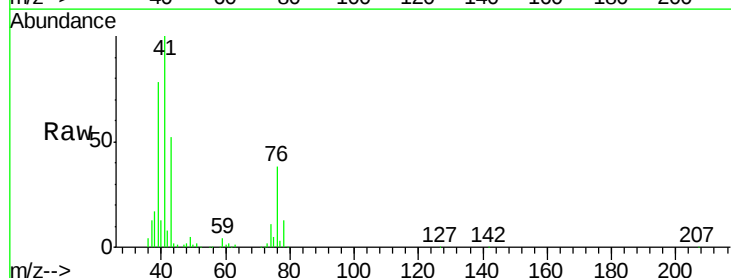
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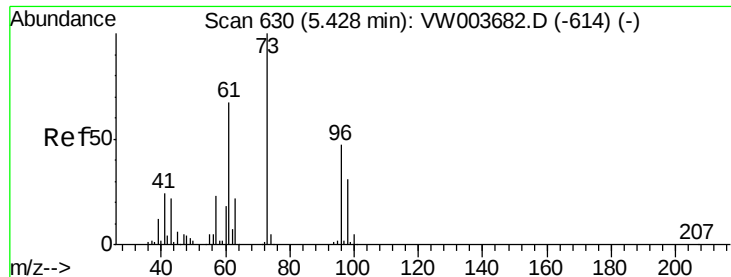
apatel  
7/3/2018 10:16:34 AM



#18  
Methyl Acetate  
Concen: 51.44 ug/l  
RT: 4.67 min Scan# 506  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.7  | 18.2  | 27.2  |





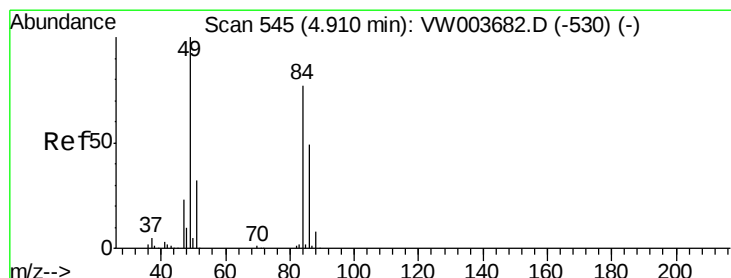
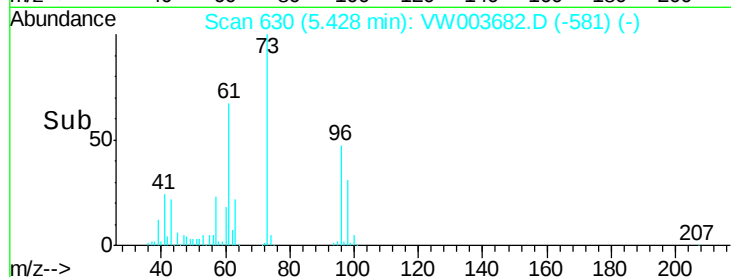
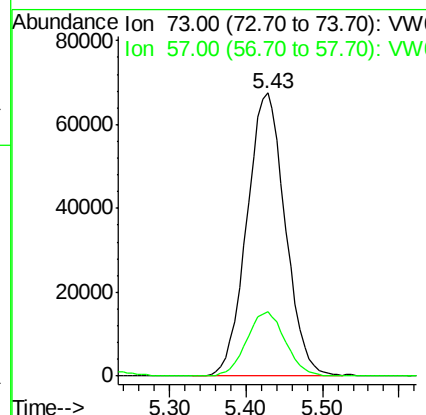
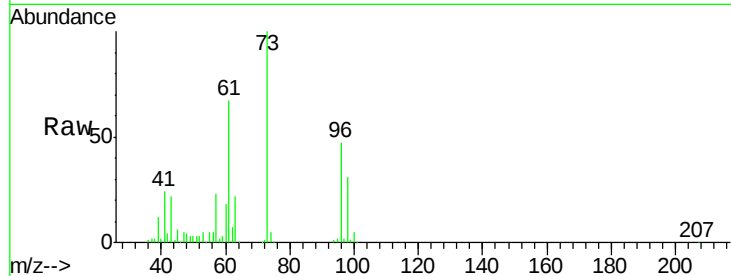
#19  
Methyl tert-butyl Ether  
Concen: 54.69 ug/l  
RT: 5.43 min Scan# 630  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.6  | 18.1  | 27.1  |

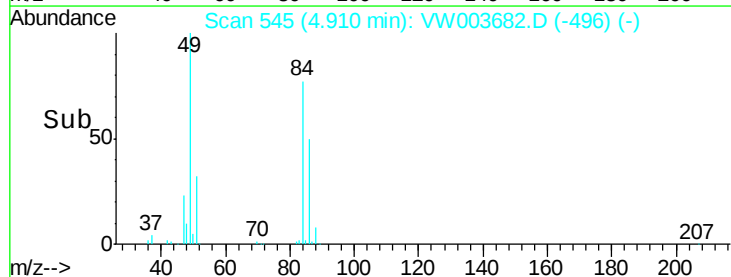
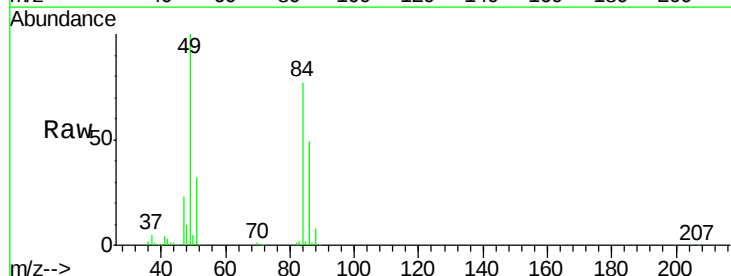
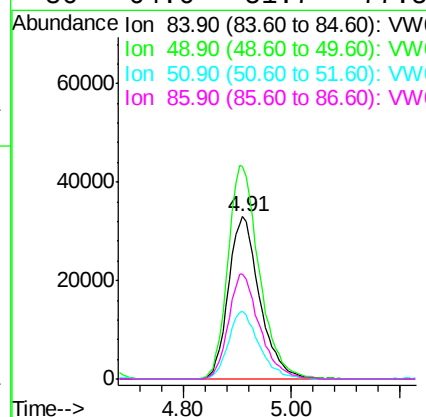
Manual Integrations  
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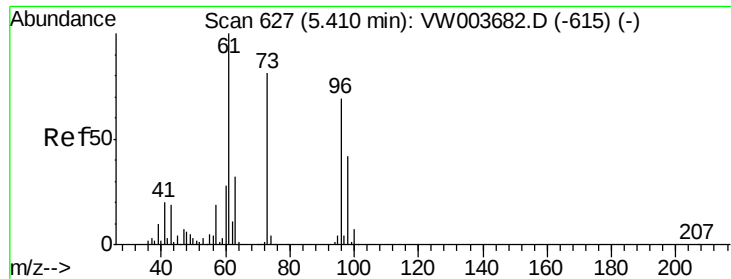
apatel  
7/3/2018 10:16:34 AM



#20  
Methylene Chloride  
Concen: 46.49 ug/l  
RT: 4.91 min Scan# 545  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 130.7 | 104.6 | 156.8 |
| 51      | 41.5  | 33.2  | 49.8  |
| 86      | 64.6  | 51.7  | 77.5  |





#21

trans-1,2-Dichloroethene

Concen: 52.58 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA\_W

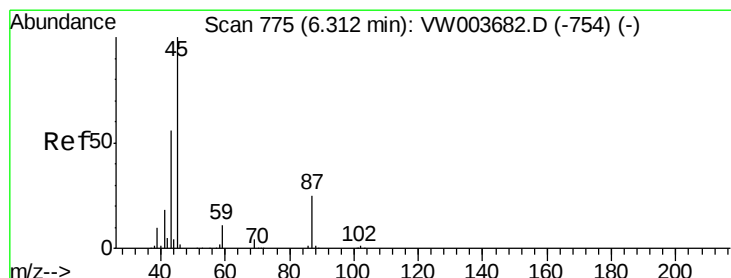
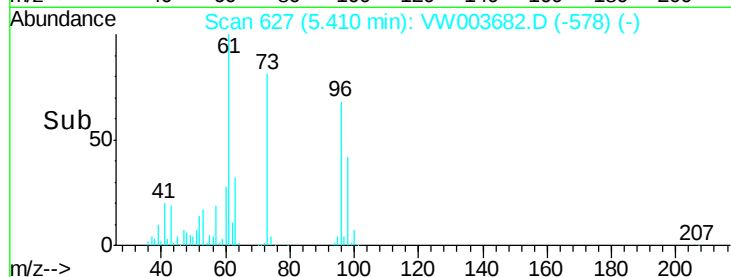
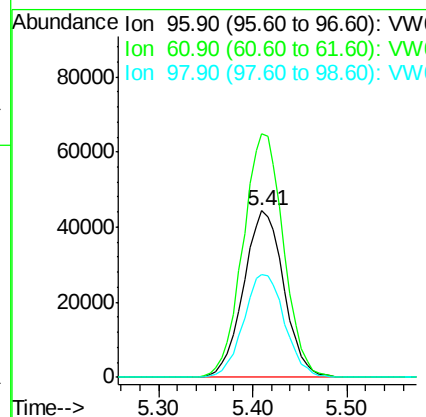
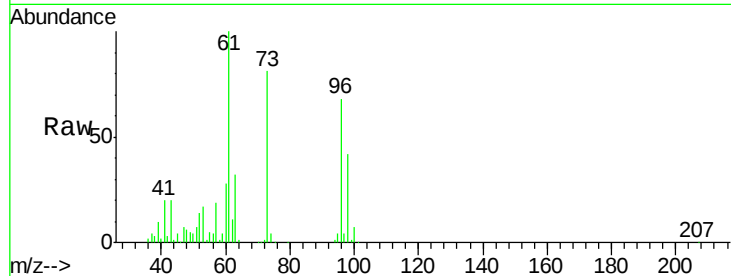
ClientSampleId :

VSTDICCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 131750 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 146.0 | 116.8 | 175.2  |
| 98       | 62.0  | 49.6  | 74.4   |

Manual Integrations  
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apatel  
7/3/2018 10:16:34 AM



#22

Diisopropyl ether

Concen: 53.49 ug/l

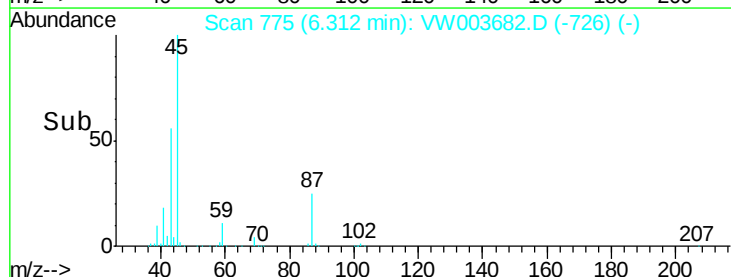
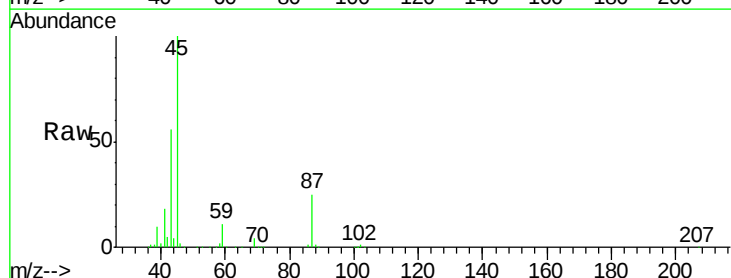
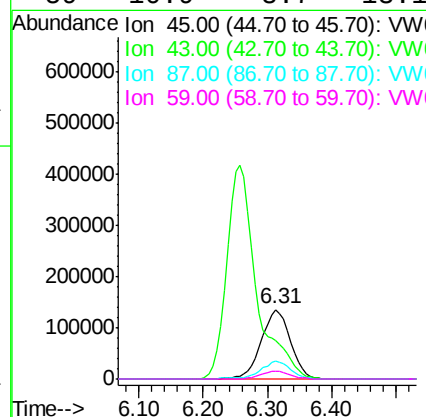
RT: 6.31 min Scan# 775

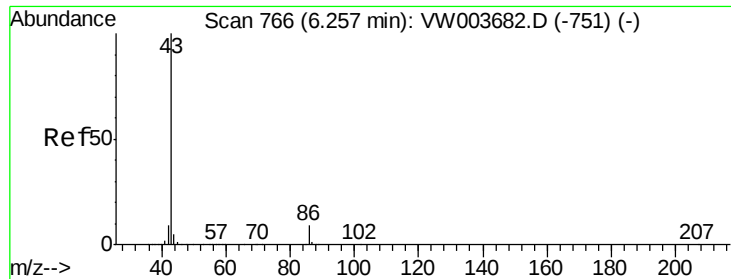
Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 427139 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 55.6  | 44.5  | 66.7   |
| 87       | 25.3  | 20.2  | 30.4   |
| 59       | 10.9  | 8.7   | 13.1   |





#23

Vinyl Acetate

Concen: 291.61 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1360725

Ion Ratio Lower Upper

43 100

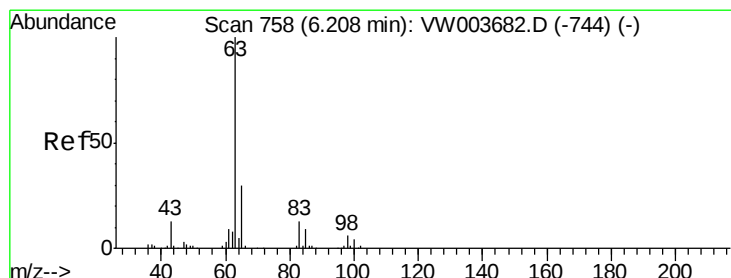
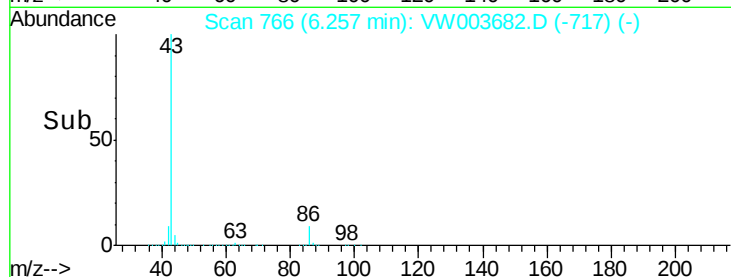
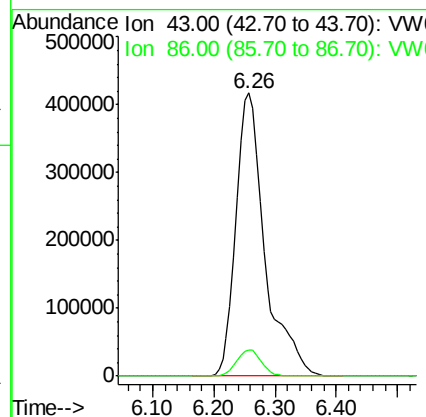
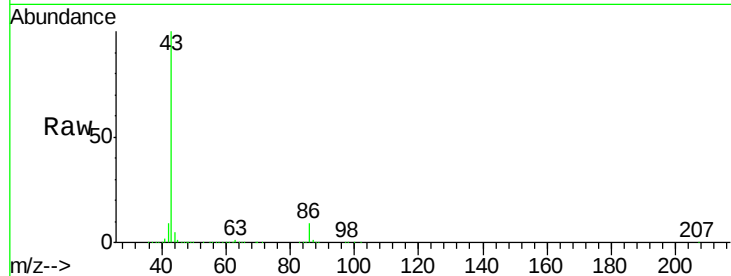
86 9.4 7.5 11.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.93 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

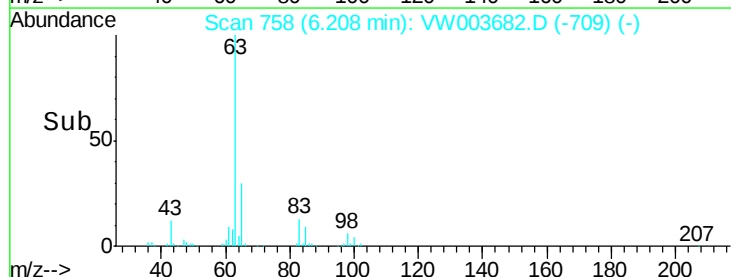
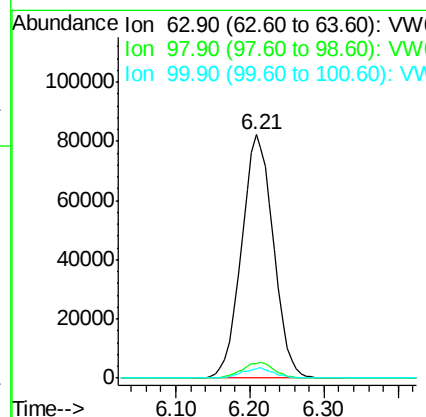
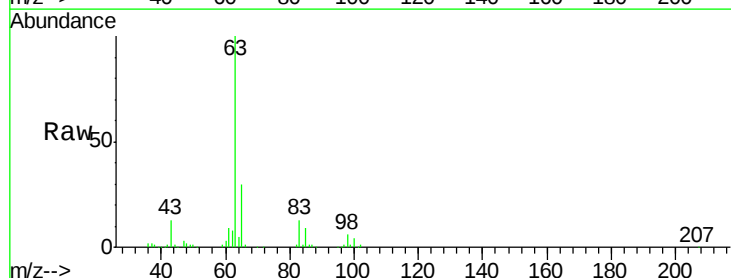
Tgt Ion: 63 Resp: 246109

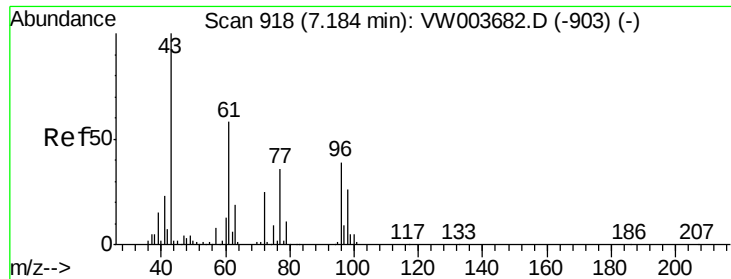
Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.6

100 3.8 1.9 5.7





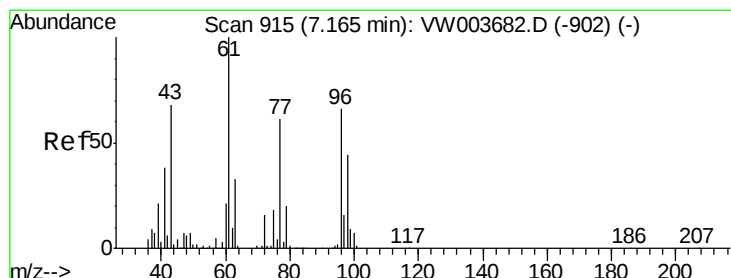
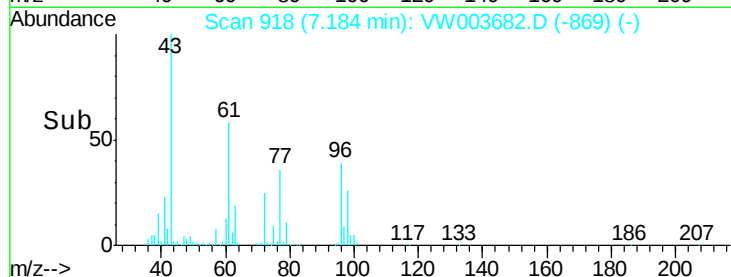
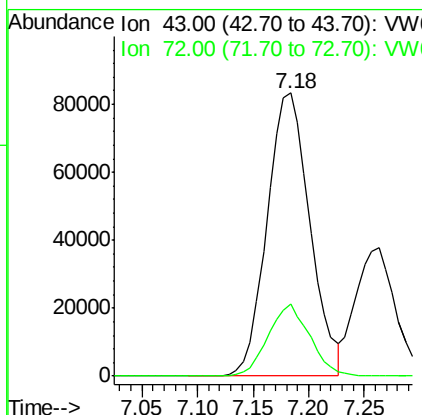
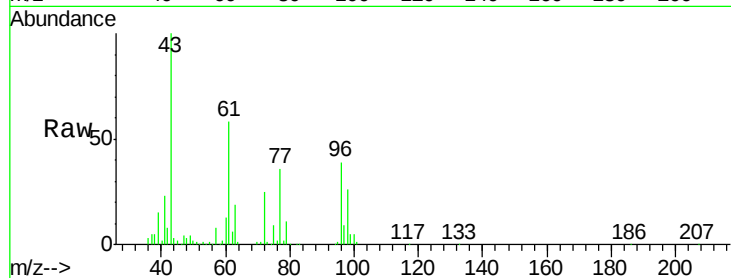
#25  
2-Butanone  
Concen: 304.74 ug/l  
RT: 7.18 min Scan# 918  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

Tot Ion: 43 Resp: 223132  
Ion Ratio Lower Upper  
43 100  
72 25.3 20.2 30.4

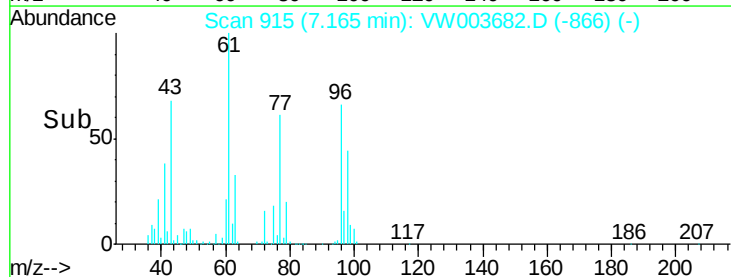
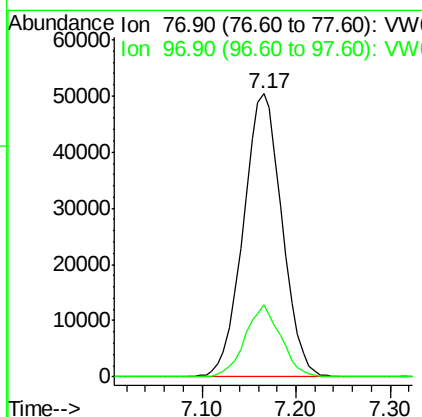
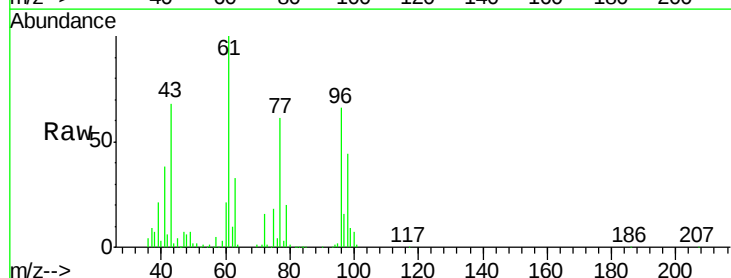
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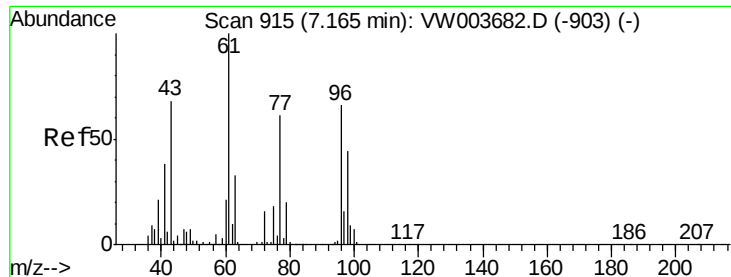
apatel  
7/3/2018 10:16:34 AM



#26  
2,2-Dichloropropane  
Concen: 46.75 ug/l  
RT: 7.17 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Tgt Ion: 77 Resp: 145192  
Ion Ratio Lower Upper  
77 100  
97 23.4 11.7 35.1





#27

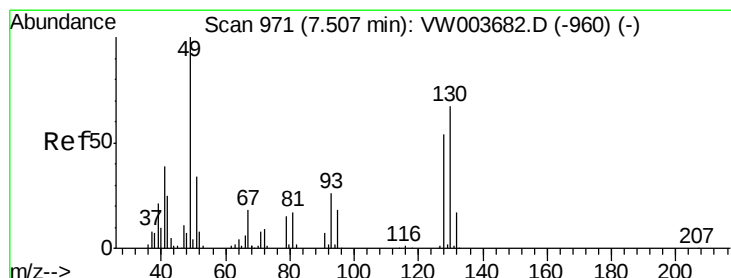
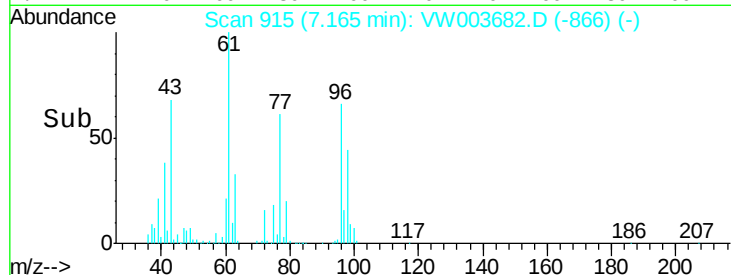
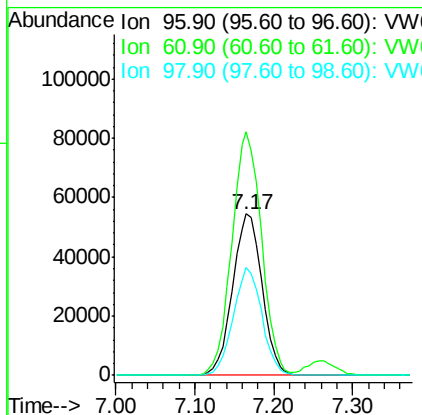
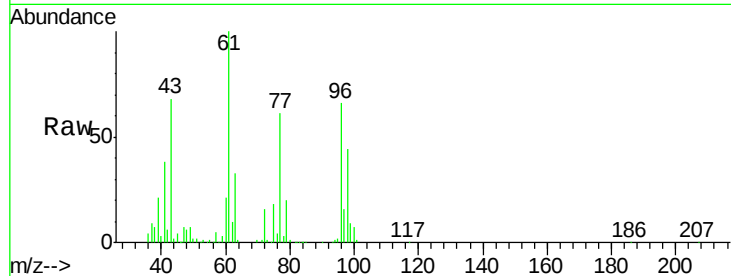
cis-1,2-Dichloroethene  
Concen: 51.78 ug/l  
RT: 7.17 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 152.5 | 0.0   | 305.0 |
| 98      | 64.8  | 0.0   | 129.6 |

Manual Integrations  
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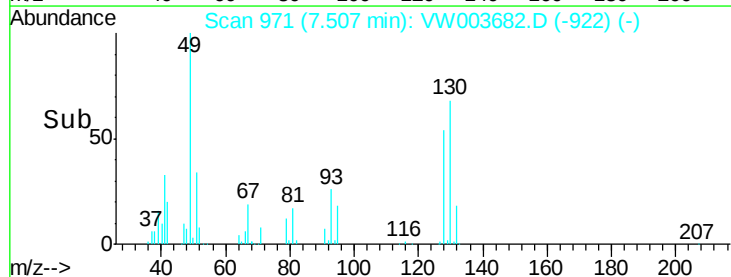
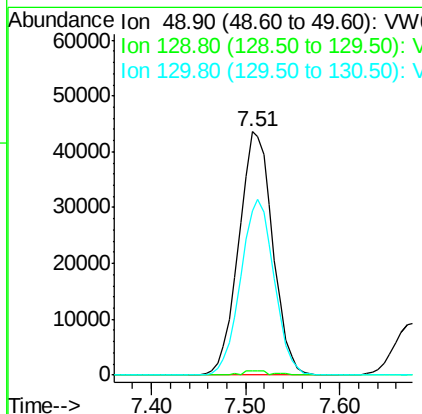
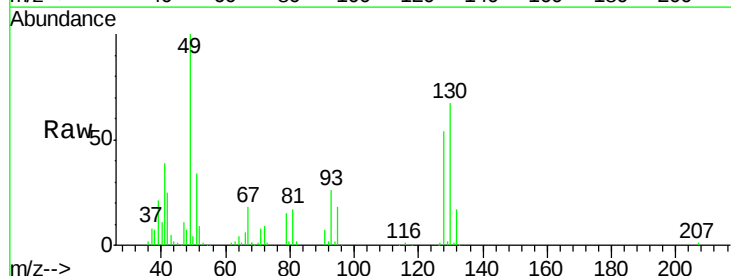
apatel  
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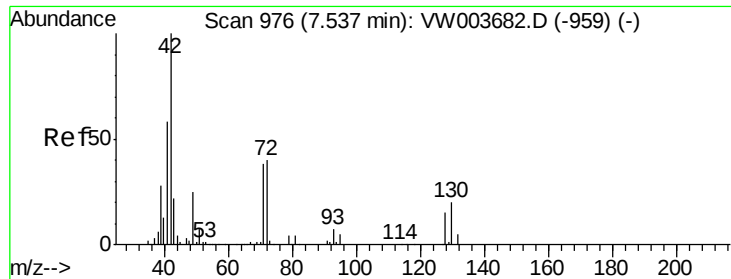


#28

Bromochloromethane  
Concen: 55.87 ug/l  
RT: 7.51 min Scan# 971  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.5   | 0.0   | 3.0   |
| 130     | 71.3  | 57.0  | 85.6  |





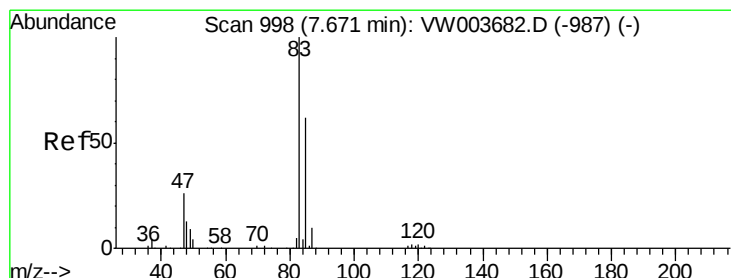
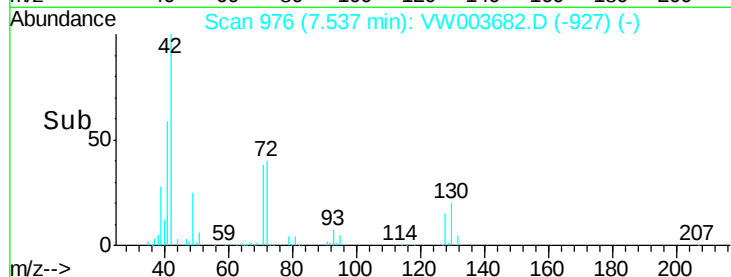
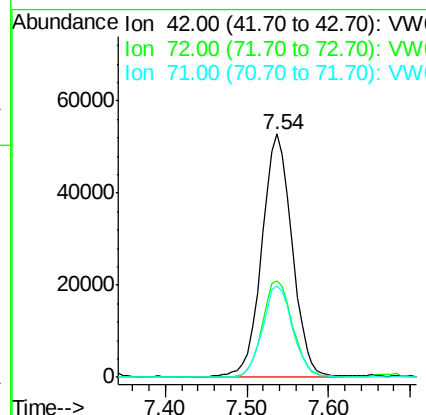
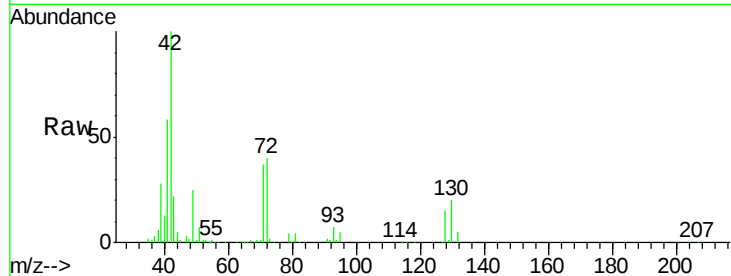
#29  
Tetrahydrofuran  
Concen: 304.06 ug/l  
RT: 7.54 min Scan# 976  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 40.0  | 32.0  | 48.0  |
| 71      | 37.7  | 30.2  | 45.2  |

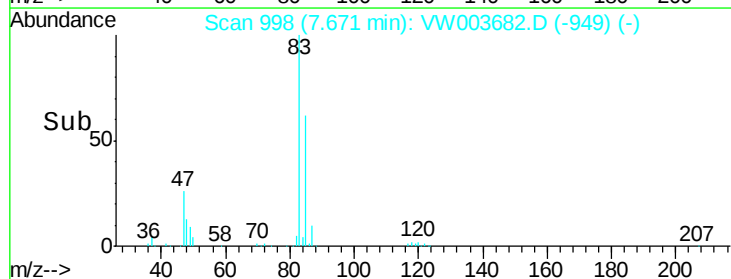
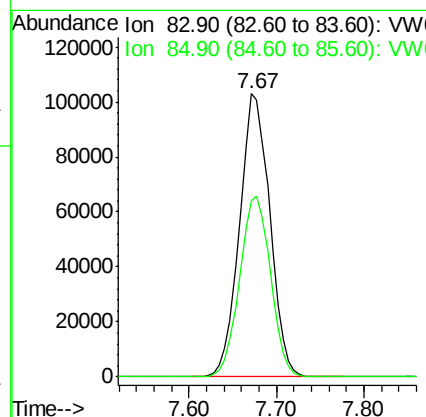
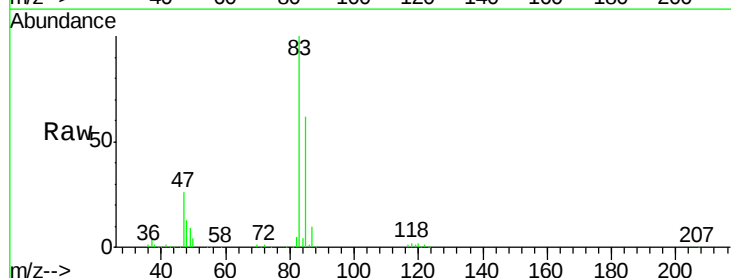
Manual Integrations  
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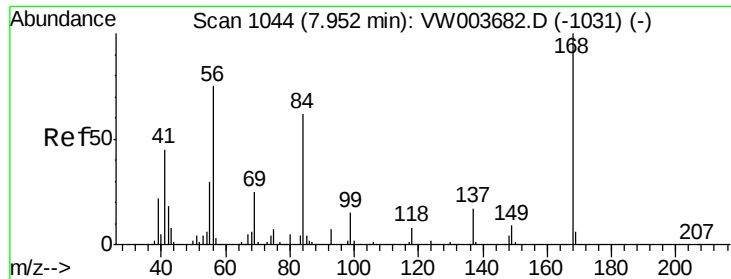
apatel  
7/3/2018 10:16:34 AM



#30  
Chloroform  
Concen: 51.61 ug/l  
RT: 7.67 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.1  | 49.7  | 74.5  |





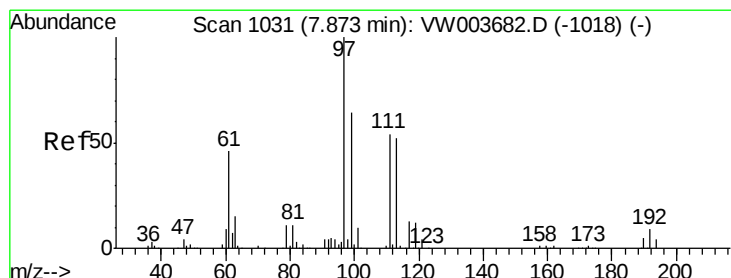
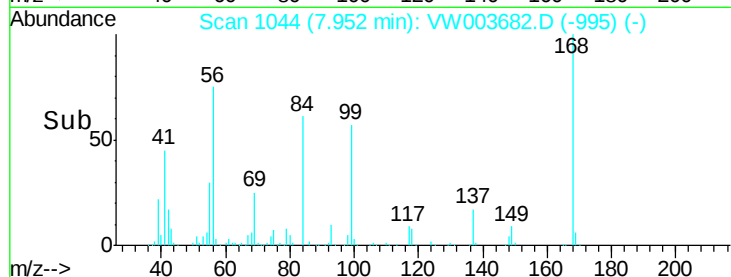
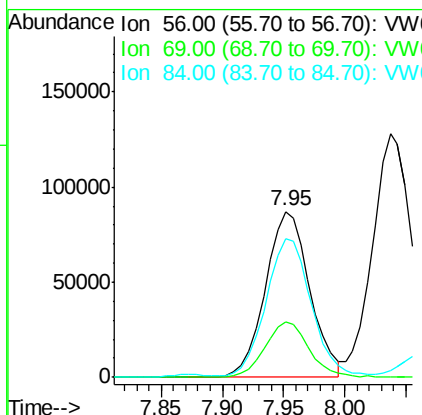
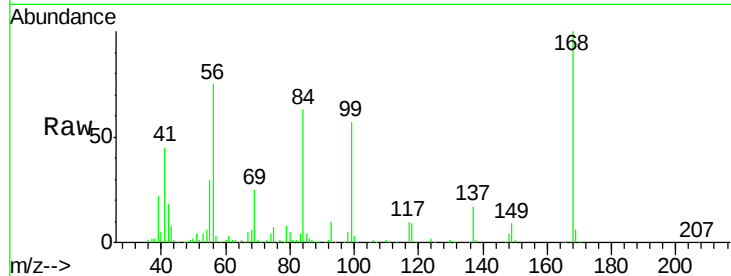
#31  
Cyclohexane  
Concen: 49.38 ug/l  
RT: 7.95 min Scan# 1044  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 33.7  | 27.0  | 40.4  |
| 84      | 81.7  | 65.4  | 98.0  |

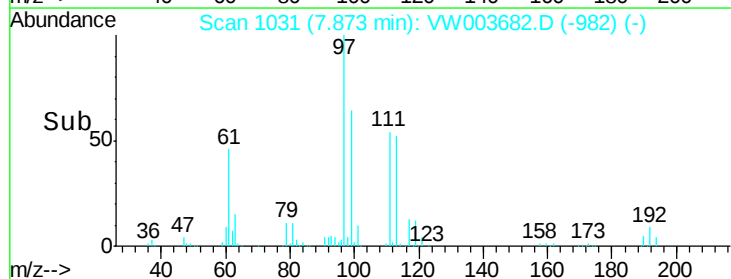
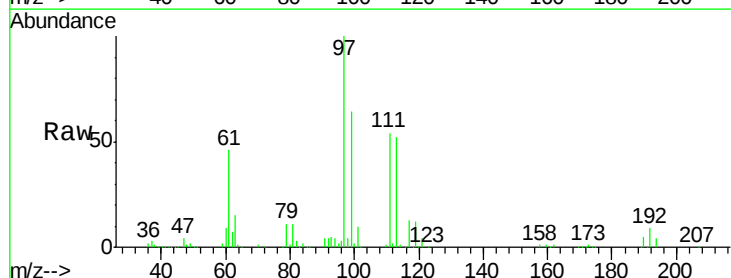
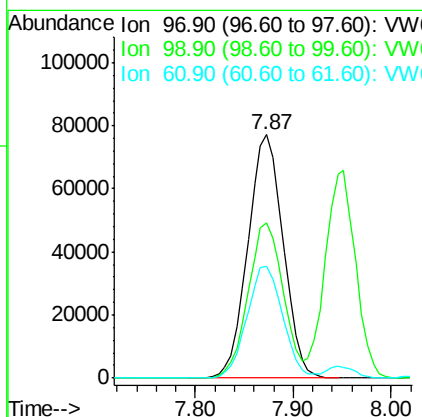
Manual Integrations  
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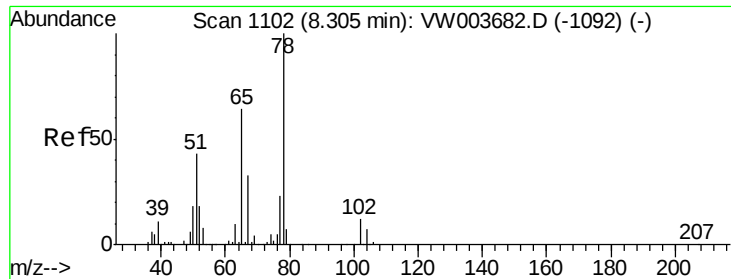
apatel  
7/3/2018 10:16:34 AM



#32  
1,1,1-Trichloroethane  
Concen: 49.12 ug/l  
RT: 7.87 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.3  | 50.6  | 76.0  |
| 61      | 46.5  | 37.2  | 55.8  |





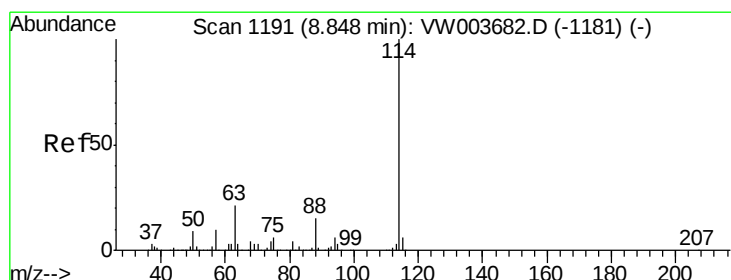
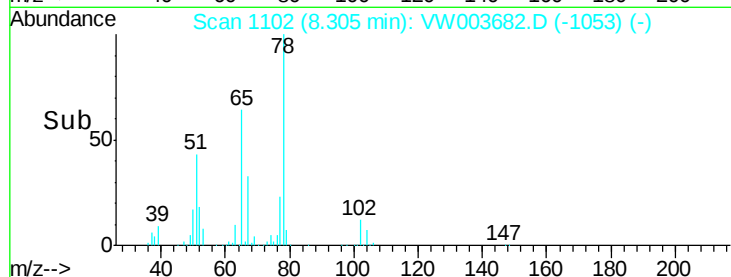
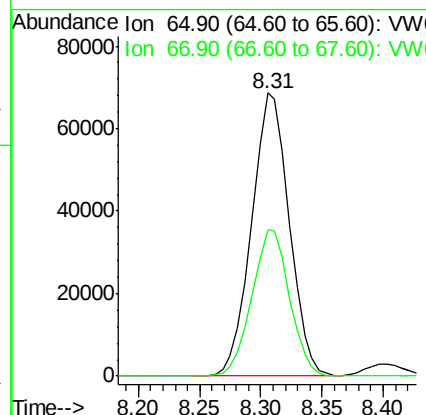
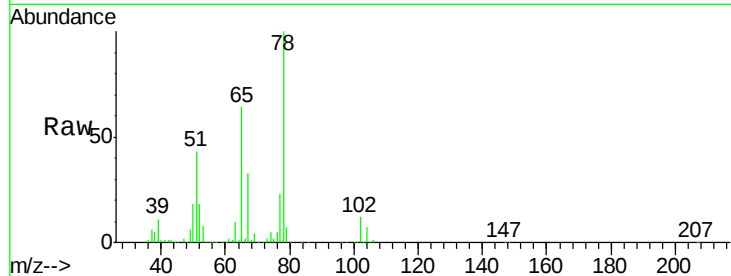
#33  
 1,2-Dichloroethane-d4  
 Concen: 53.55 ug/l  
 RT: 8.31 min Scan# 1102  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 52.0  | 0.0  | 104.0 |       |

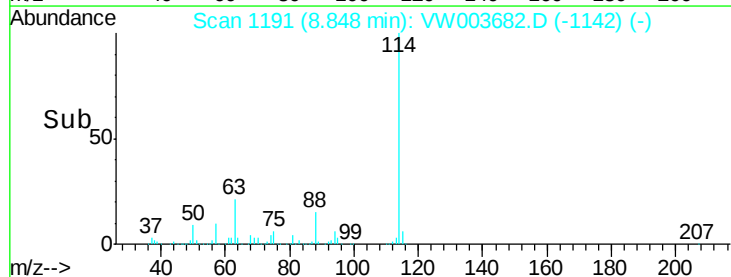
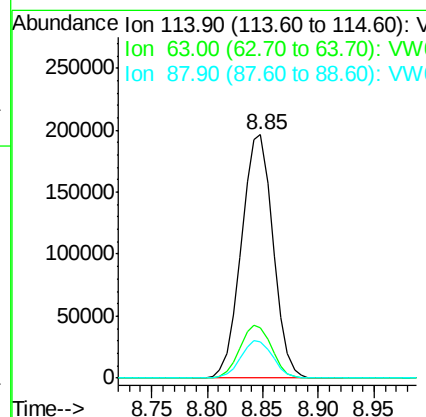
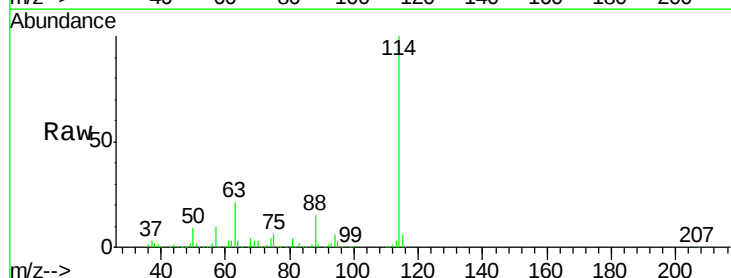
Manual Integrations  
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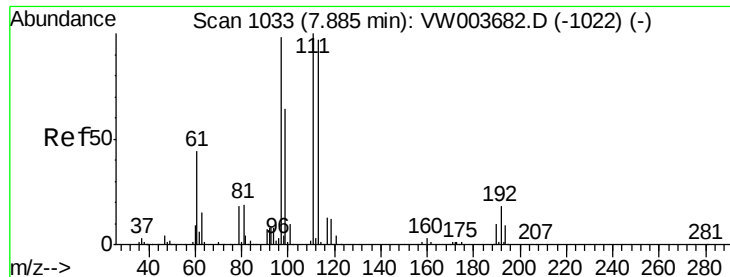
apatel  
 7/3/2018 10:16:34 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.85 min Scan# 1191  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 20.8  | 0.0  | 41.6  |       |
| 88      | 14.9  | 0.0  | 29.8  |       |





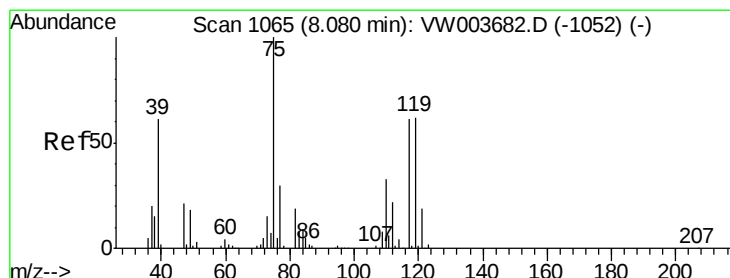
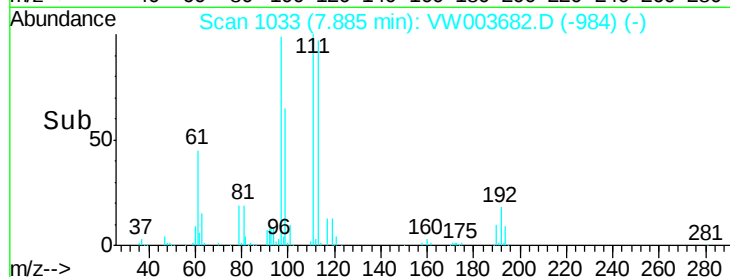
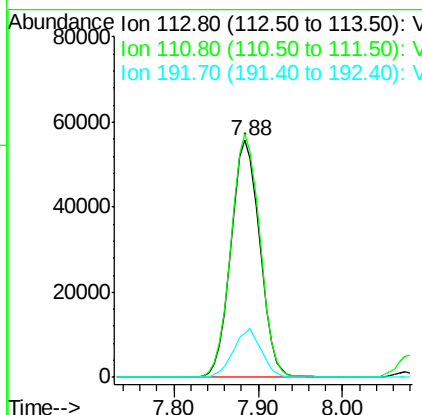
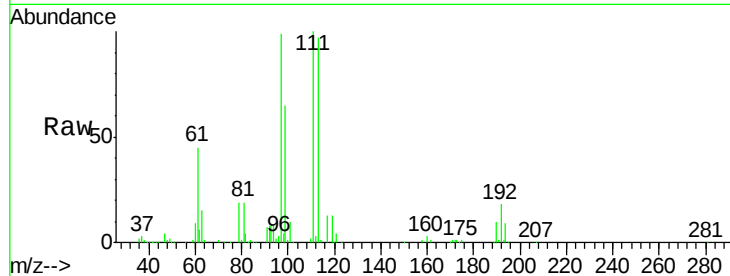
#35  
 Dibromofluoromethane  
 Concen: 52.88 ug/l  
 RT: 7.88 min Scan# 1033  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 129441 |       |       |
| 111     | 103.0 | 82.4   | 123.6 |       |
| 192     | 19.7  | 15.8   | 23.6  |       |

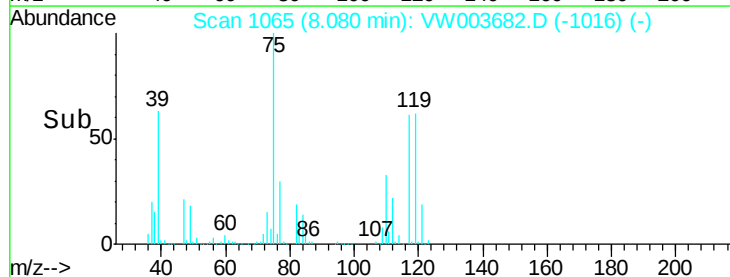
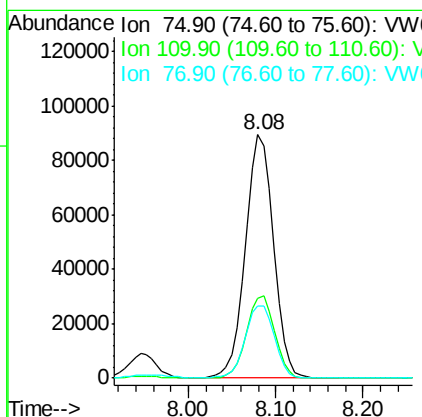
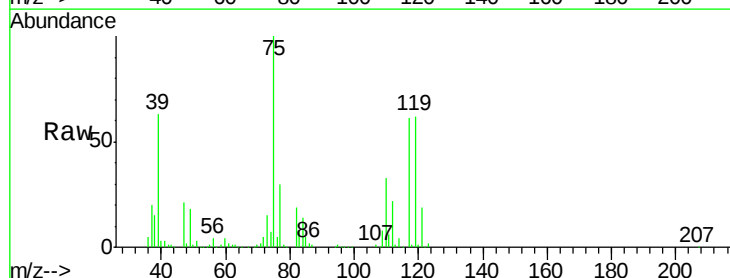
Manual Integrations  
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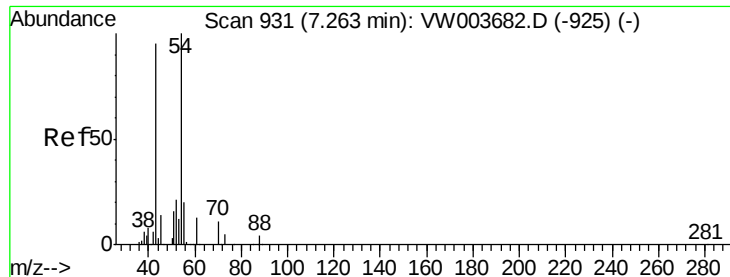
apatel  
 7/3/2018 10:16:34 AM



#36  
 1,1-Dichloropropene  
 Concen: 52.51 ug/l  
 RT: 8.08 min Scan# 1065  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 200274 |       |       |
| 110     | 33.7  | 16.9   | 50.6  |       |
| 77      | 31.1  | 24.9   | 37.3  |       |





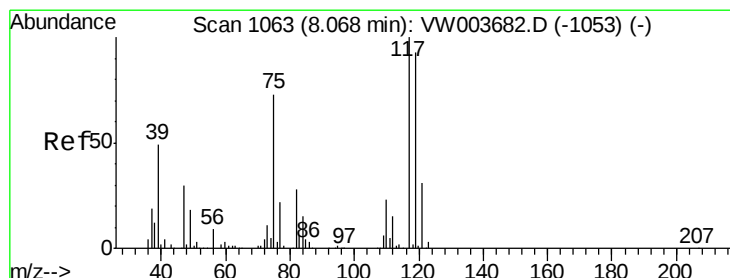
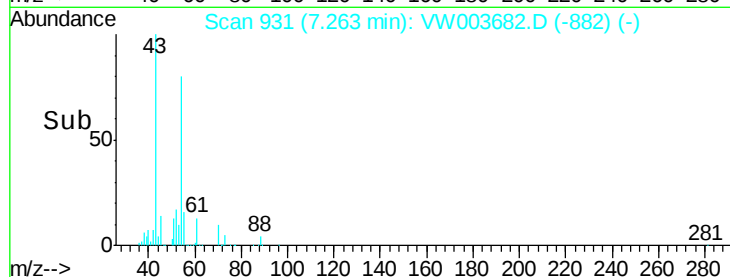
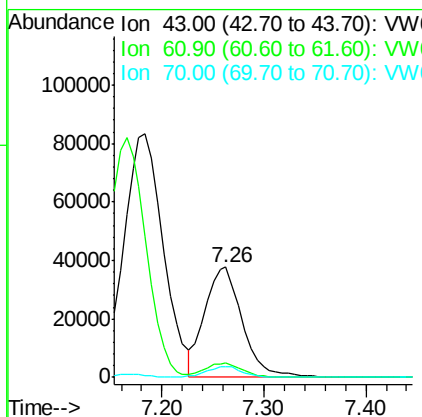
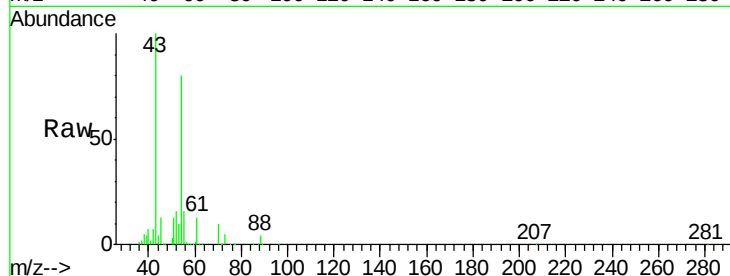
#37  
Ethyl Acetate  
Concen: 59.17 ug/l  
RT: 7.26 min Scan# 931  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.1  | 10.5  | 15.7  |
| 70      | 9.6   | 7.7   | 11.5  |

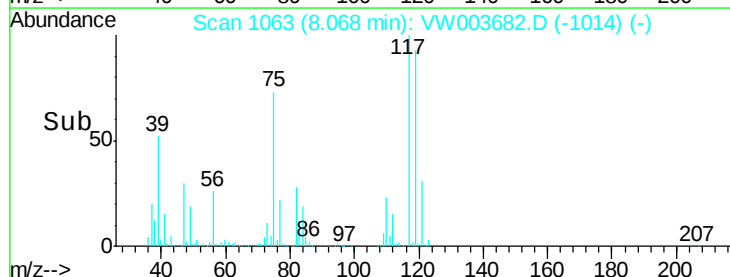
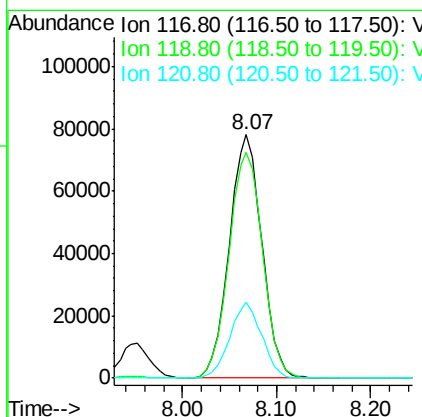
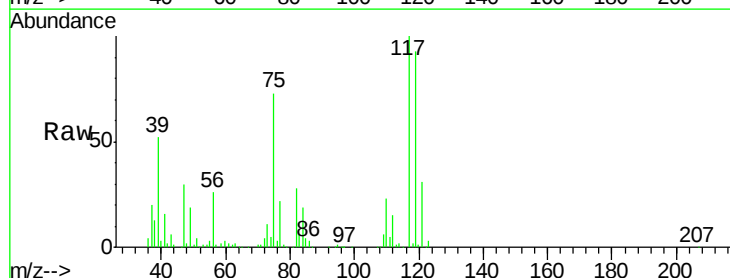
Manual Integrations  
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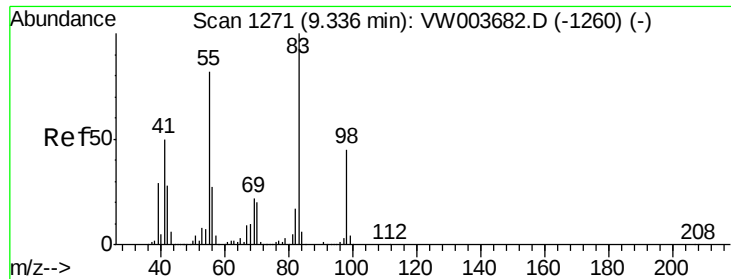
apatel  
7/3/2018 10:16:34 AM



#38  
Carbon Tetrachloride  
Concen: 50.68 ug/l  
RT: 8.07 min Scan# 1063  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.6  | 74.1  | 111.1 |
| 121     | 31.2  | 25.0  | 37.4  |





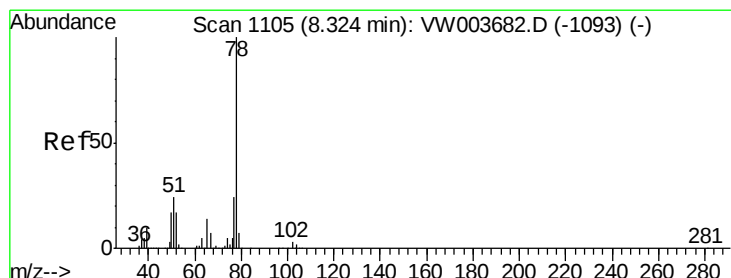
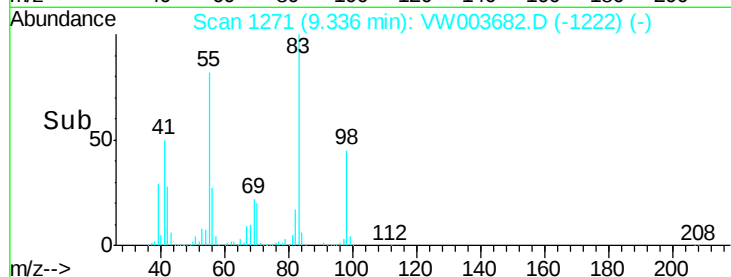
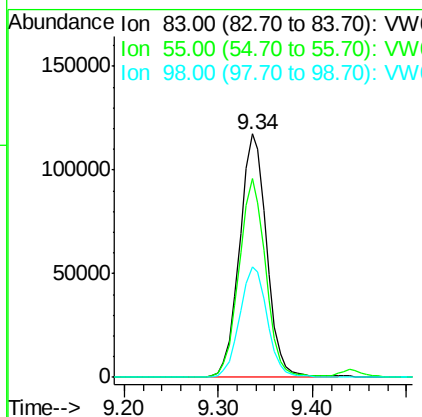
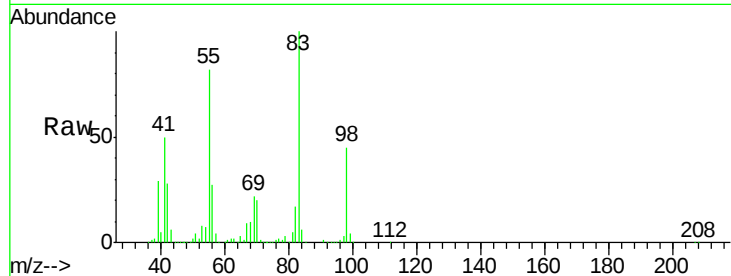
#39  
Methvlcvclohexane  
Concen: 53.36 ug/l  
RT: 9.34 min Scan# 1271  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 236162 |       |       |
| 55      | 81.6  |        | 65.3  | 97.9  |
| 98      | 45.4  |        | 36.3  | 54.5  |

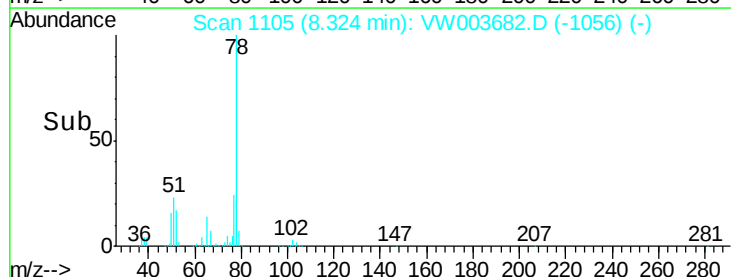
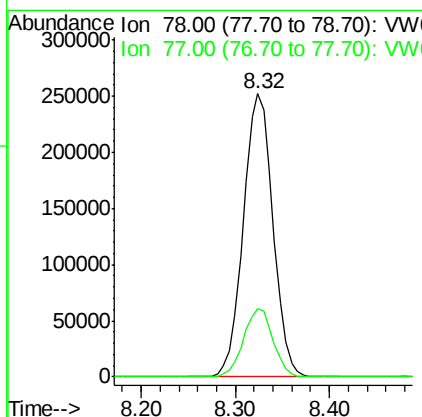
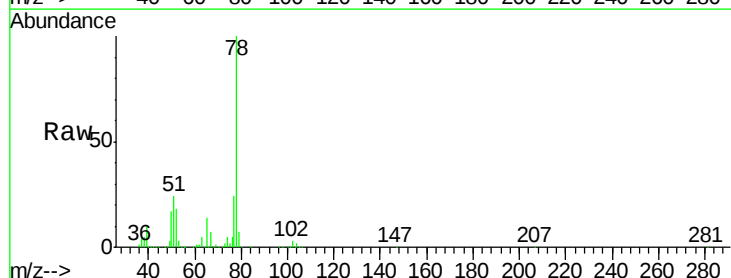
Manual Integrations  
APPROVED

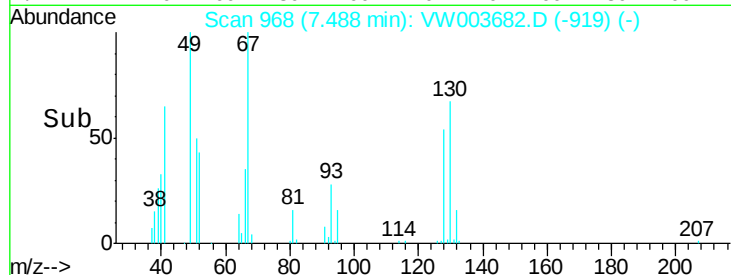
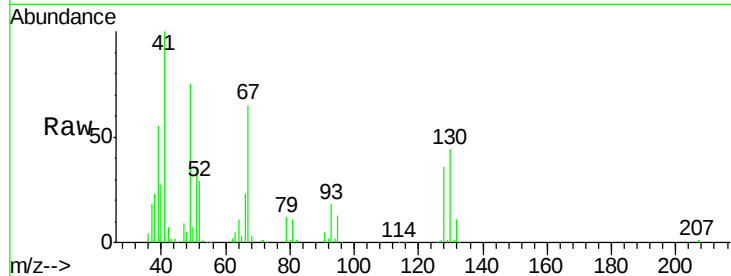
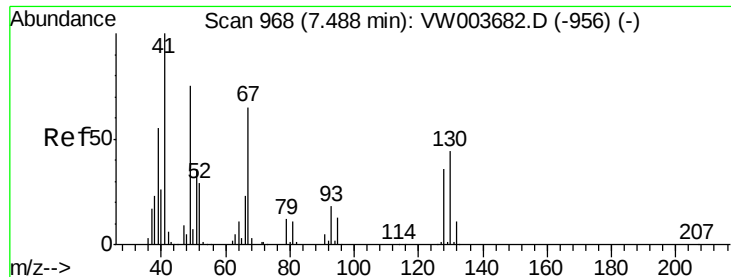
apatel  
7/3/2018 10:16:34 AM



#40  
Benzene  
Concen: 52.70 ug/l  
RT: 8.32 min Scan# 1105  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 554254 |       |       |
| 77      | 24.2  |        | 19.4  | 29.0  |





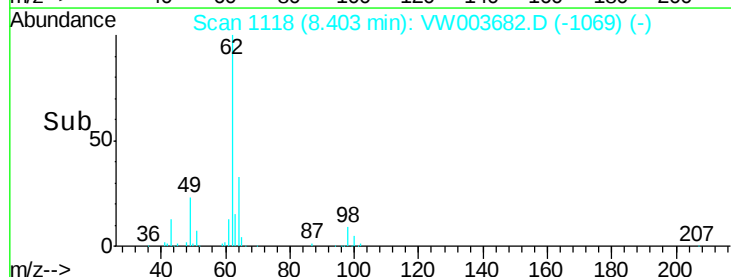
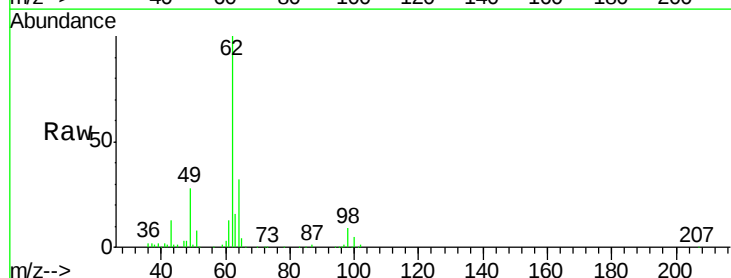
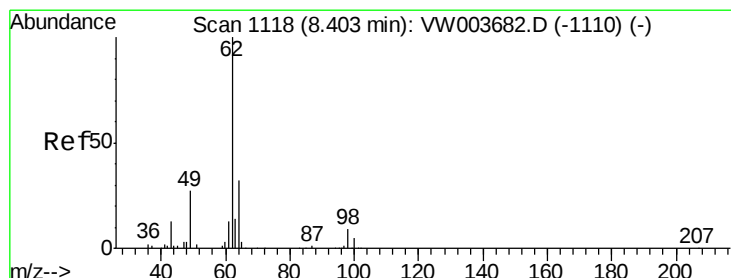
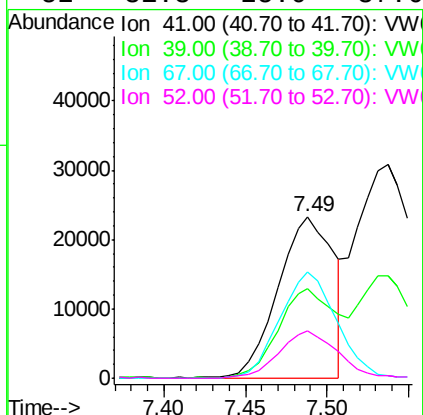
#41  
Methacrylonitrile  
Concen: 56.21 ug/l  
RT: 7.49 min Scan# 968  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 59.8  | 47.8  | 71.8  |
| 67      | 67.4  | 53.9  | 80.9  |
| 52      | 31.3  | 25.0  | 37.6  |

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDICCC050

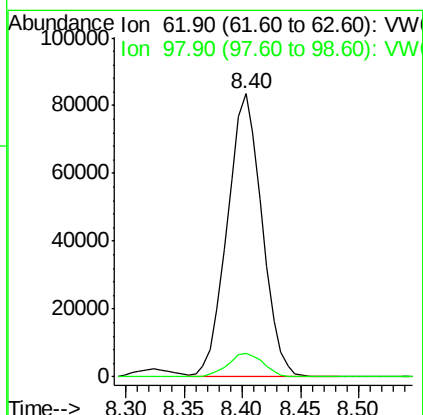
Manual Integrations  
APPROVED

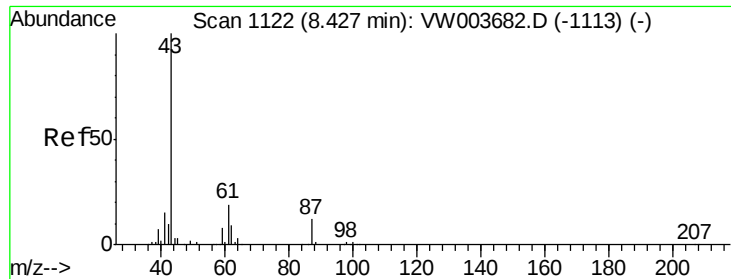
apatel  
7/3/2018 10:16:34 AM



#42  
1,2-Dichloroethane  
Concen: 52.68 ug/l  
RT: 8.40 min Scan# 1118  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.6   | 0.0   | 17.2  |





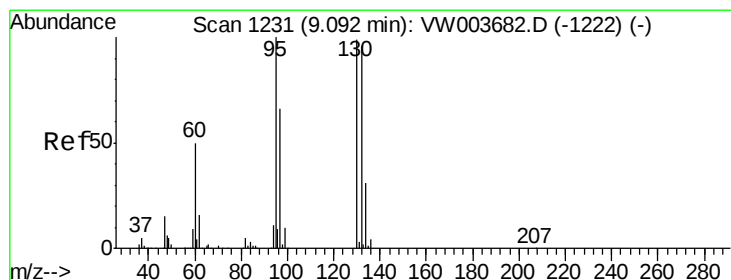
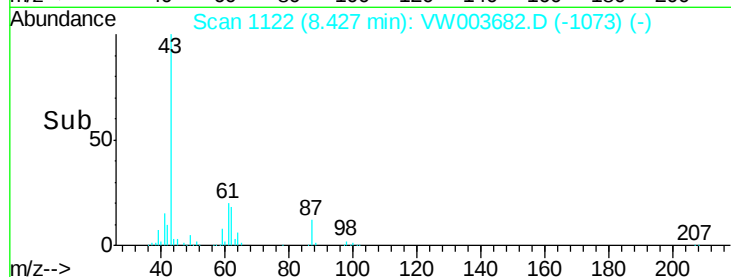
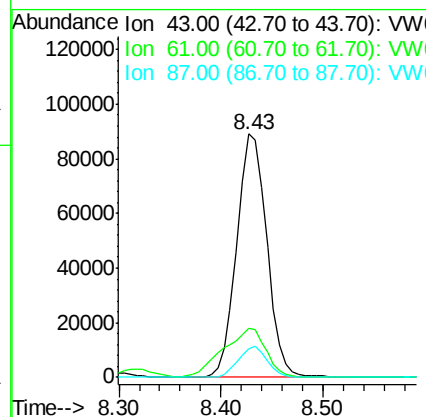
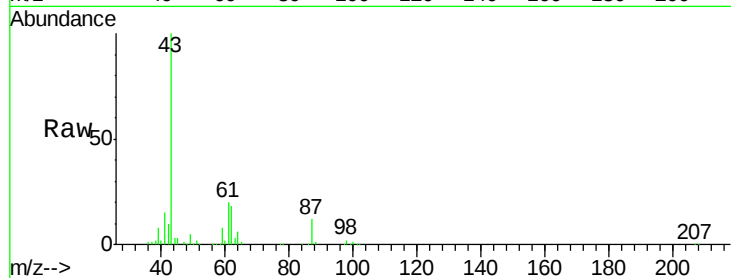
#43  
Isopropyl Acetate  
Concen: 57.09 ug/l  
RT: 8.43 min Scan# 1122  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 28.8  | 23.0  | 34.6  |
| 87      | 12.2  | 9.8   | 14.6  |

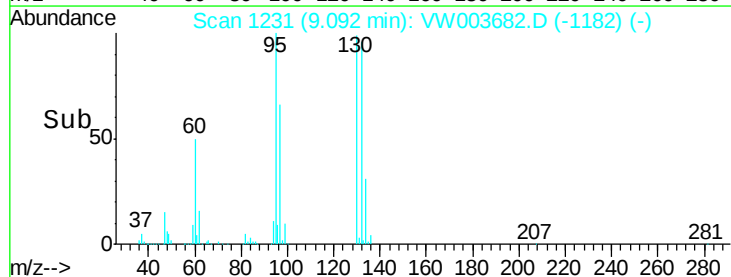
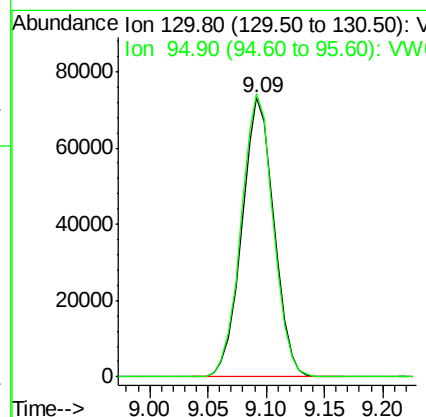
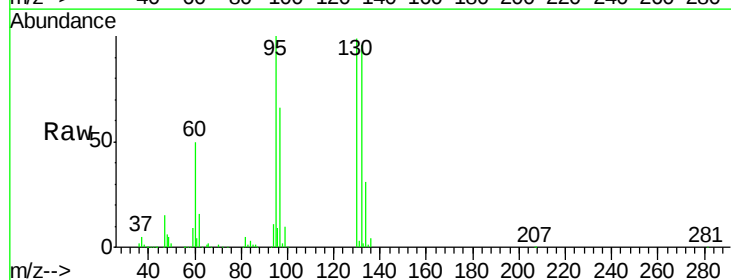
Manual Integrations  
APPROVED

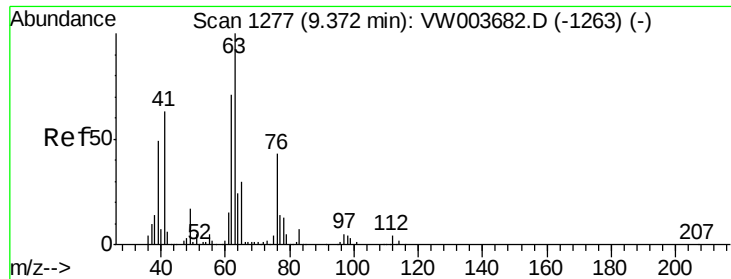
apatel  
7/3/2018 10:16:34 AM



#44  
Trichloroethene  
Concen: 50.86 ug/l  
RT: 9.09 min Scan# 1231  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 101.3 | 0.0   | 202.6 |





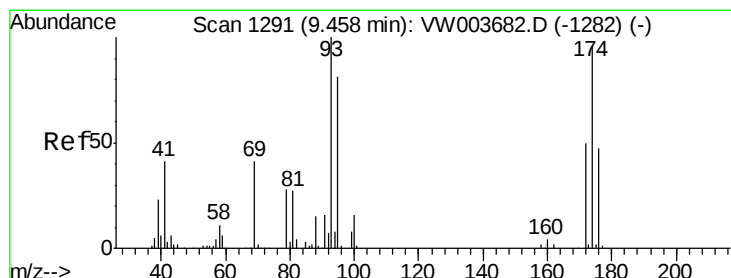
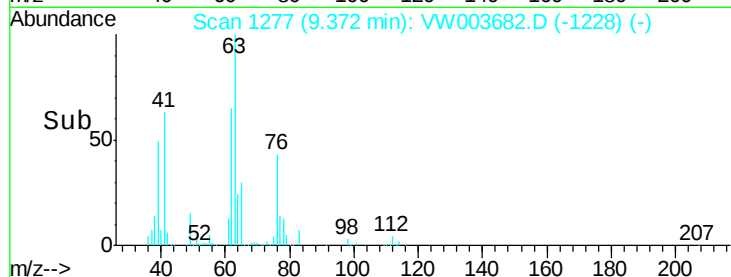
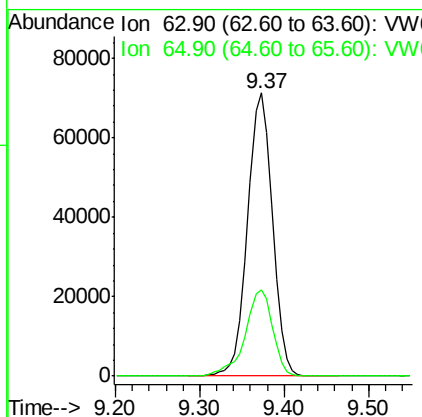
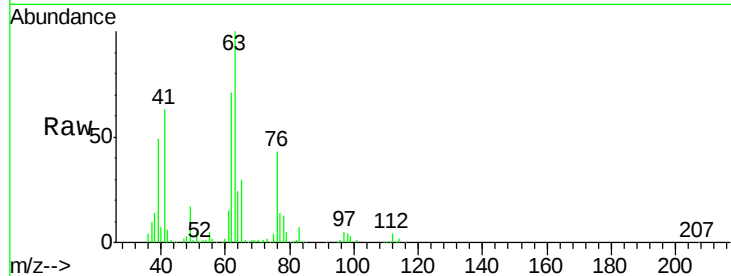
#45  
 1,2-Dichloropropane  
 Concen: 53.07 ug/l  
 RT: 9.37 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.4  | 24.3  | 36.5  |

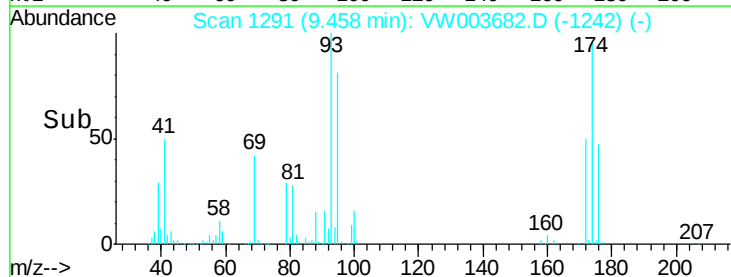
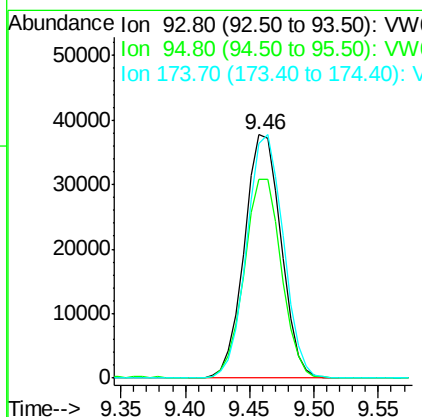
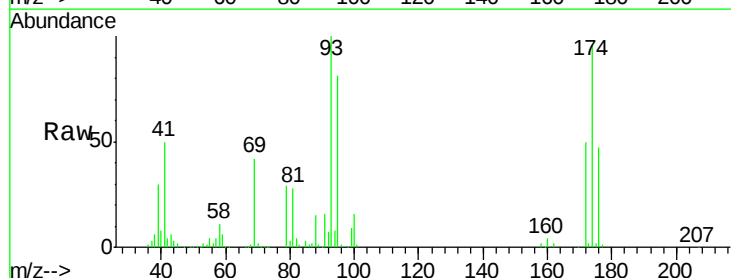
Manual Integrations  
 APPROVED

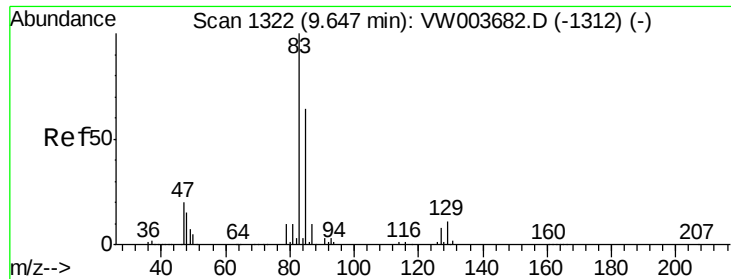
apatel  
 7/3/2018 10:16:34 AM



#46  
 Dibromomethane  
 Concen: 54.01 ug/l  
 RT: 9.46 min Scan# 1291  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.8  | 66.2  | 99.4  |
| 174     | 99.5  | 79.6  | 119.4 |





#47

Bromodichloromethane

Concen: 52.78 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA\_W

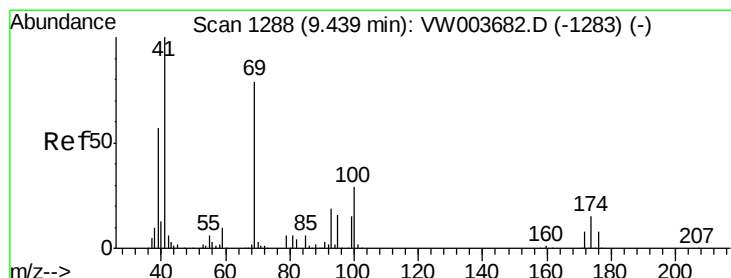
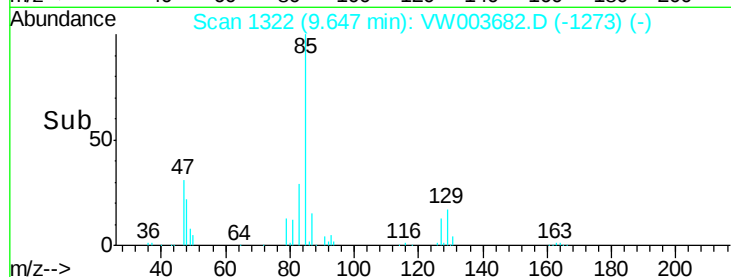
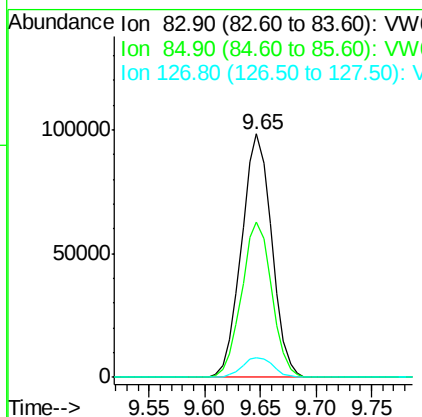
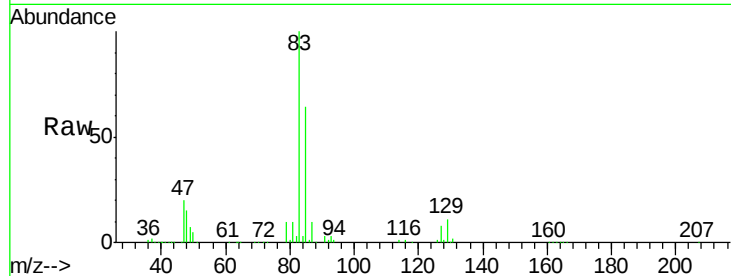
ClientSampled :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 185167 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.9  | 51.1  | 76.7   |
| 127       | 8.1   | 6.5   | 9.7    |

Manual Integrations  
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apatel  
7/3/2018 10:16:34 AM



#48

Methyl methacrylate

Concen: 59.58 ug/l

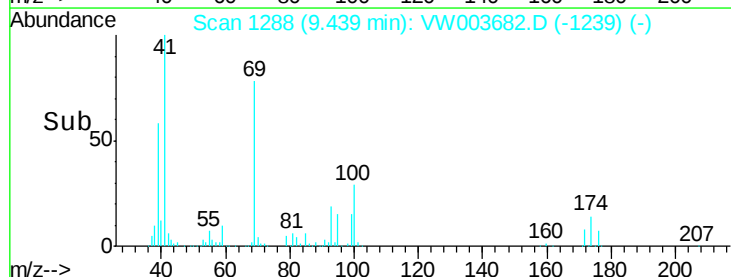
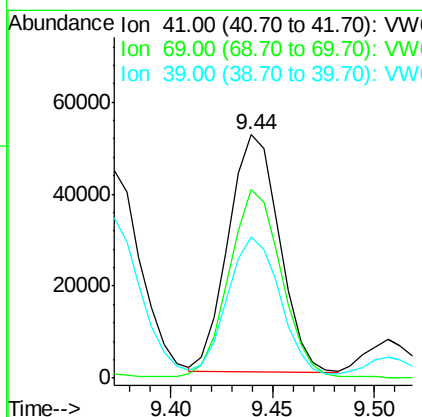
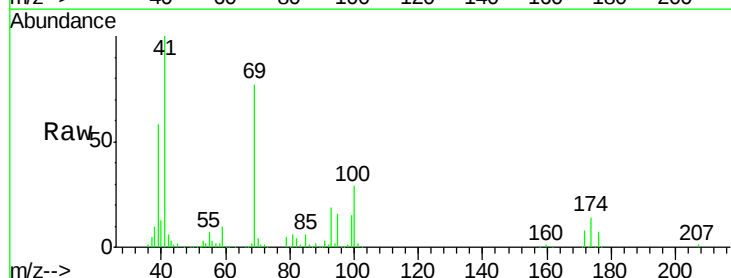
RT: 9.44 min Scan# 1288

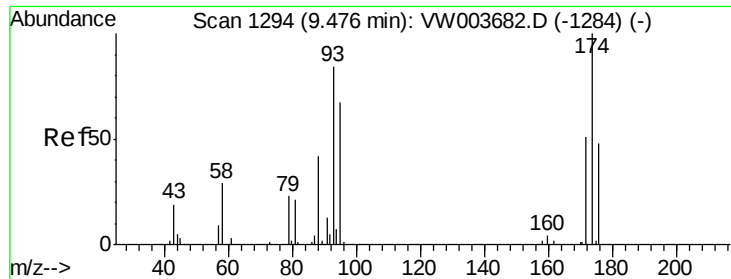
Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 89178 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 81.8  | 65.4  | 98.2  |
| 39        | 62.5  | 50.0  | 75.0  |





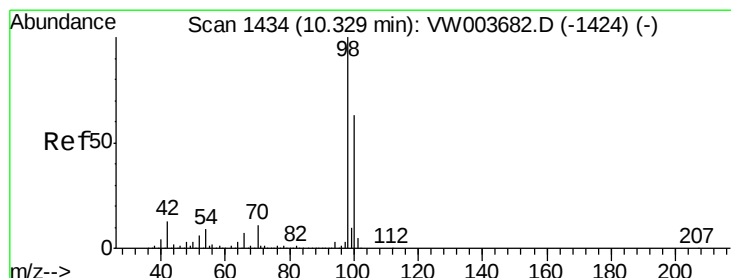
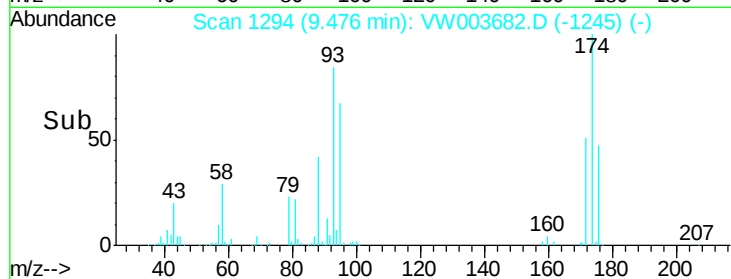
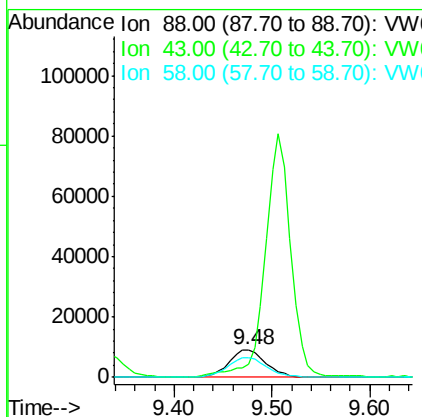
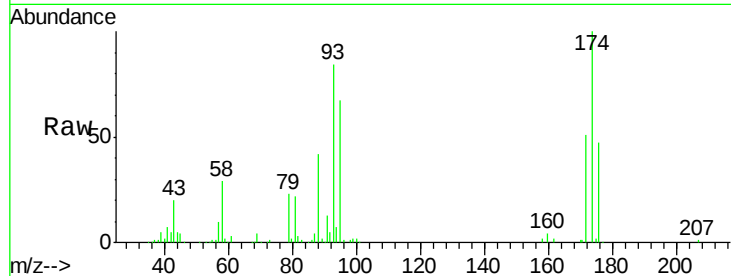
#49  
1,4-Dioxane  
Concen: 1151.23 ug/l  
RT: 9.48 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDICCC050

| Tot Ion   | 88    | Resp  | 23972 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 43        | 0.0   | 0.0   | 0.0   |
| 58        | 77.2  | 61.8  | 92.6  |

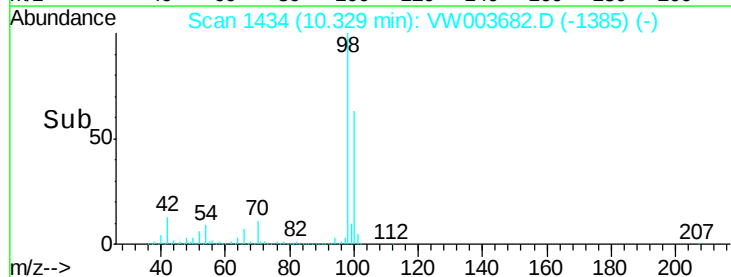
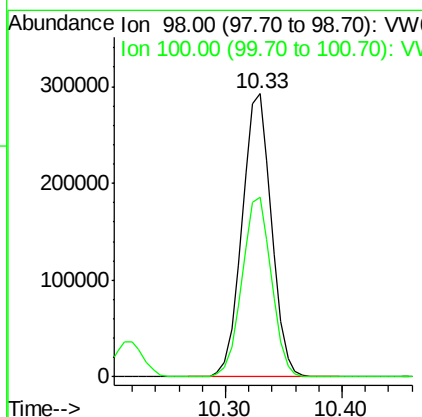
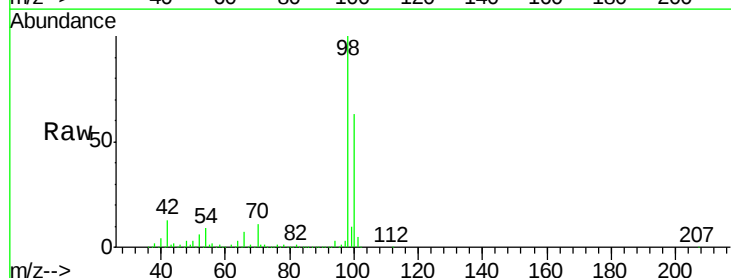
Manual Integrations  
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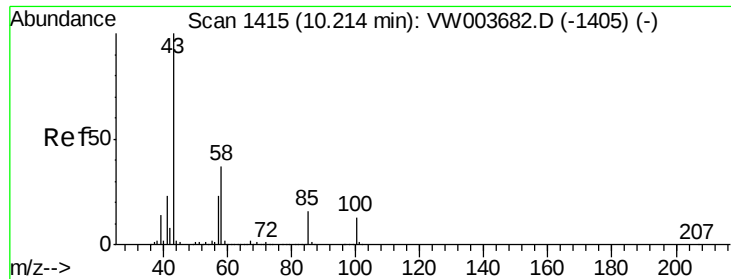
apatel  
7/3/2018 10:16:34 AM



#50  
Toluene-d8  
Concen: 53.03 ug/l  
RT: 10.33 min Scan# 1434  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion   | 98    | Resp  | 513661 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 63.5  | 50.8  | 76.2   |





#51

4-Methyl-2-Pentanone

Concen: 299.17 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA\_W

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 487173

Ion Ratio Lower Upper

43 100

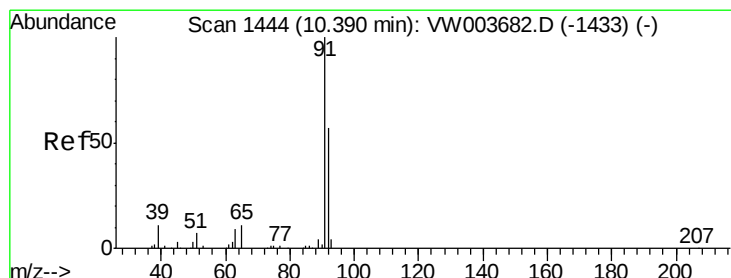
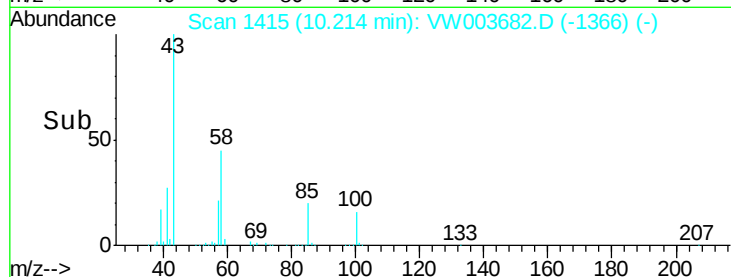
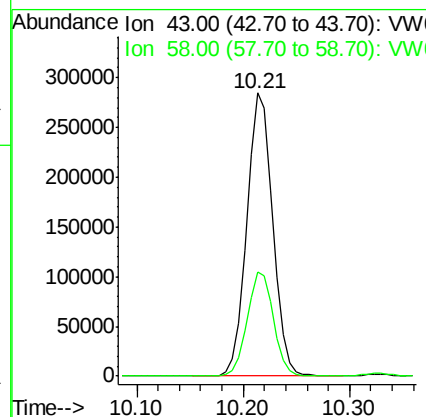
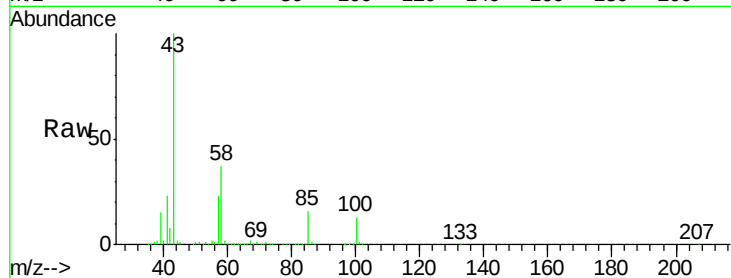
58 37.0 29.6 44.4

Manual Integrations

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#52

Toluene

Concen: 52.60 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003682.D

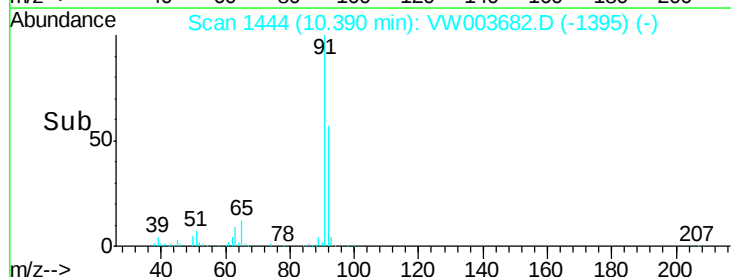
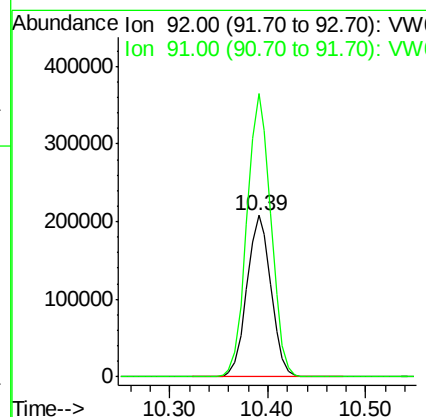
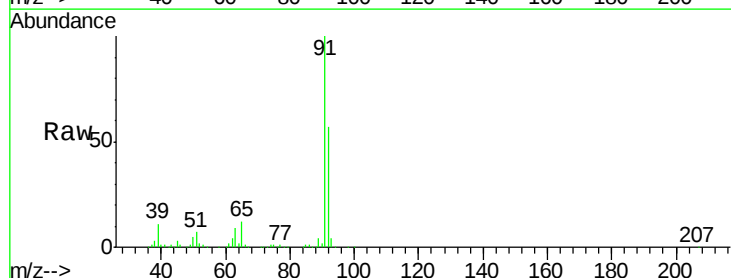
Acq: 02 Jul 2018 17:50

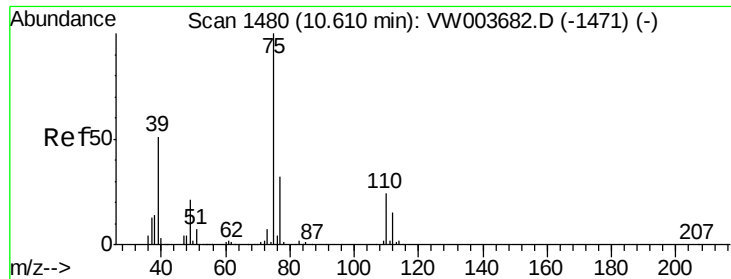
Tgt Ion: 92 Resp: 354067

Ion Ratio Lower Upper

92 100

91 175.2 140.2 210.2





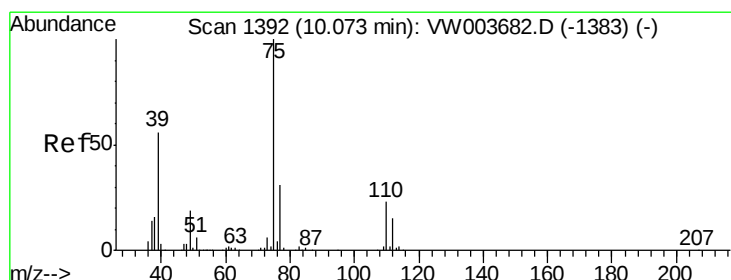
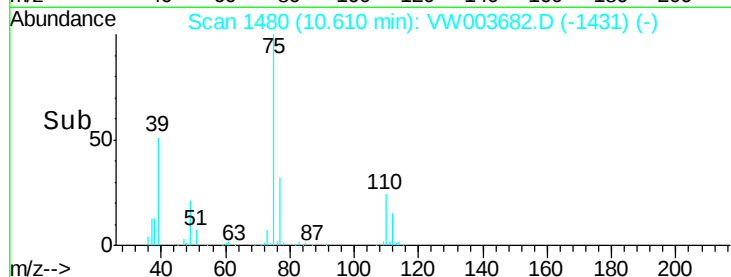
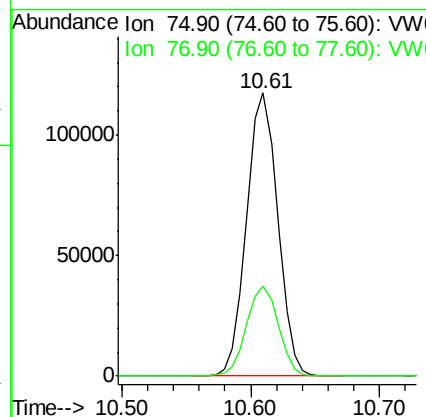
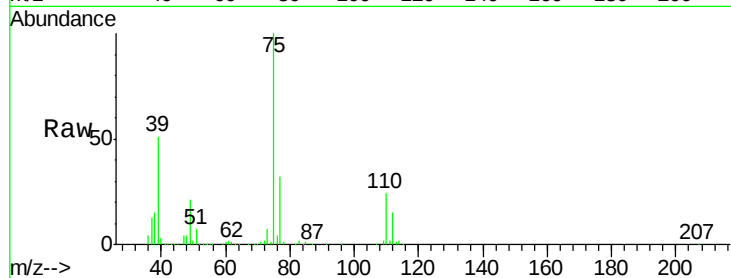
#53  
 t-1,3-Dichloropropene  
 Concen: 54.71 ug/l  
 RT: 10.61 min Scan# 1480  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.9  | 25.5  | 38.3  |

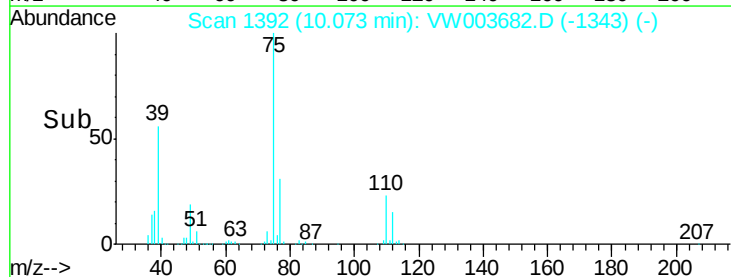
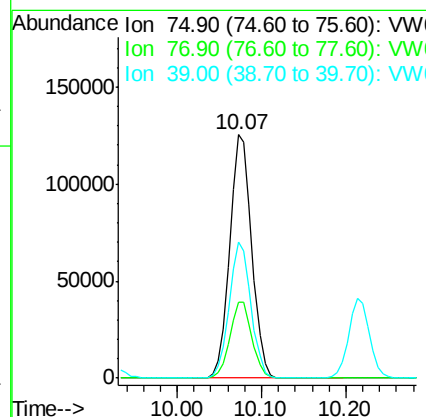
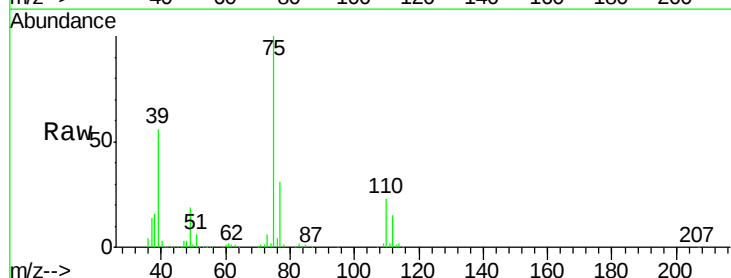
Manual Integrations  
 APPROVED

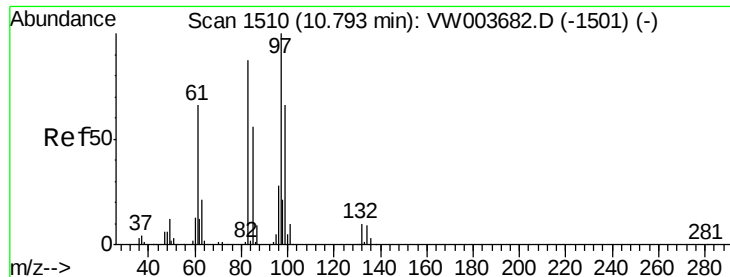
apatel  
 7/3/2018 10:16:34 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 54.51 ug/l  
 RT: 10.07 min Scan# 1392  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.1  | 24.9  | 37.3  |
| 39      | 55.8  | 44.6  | 67.0  |





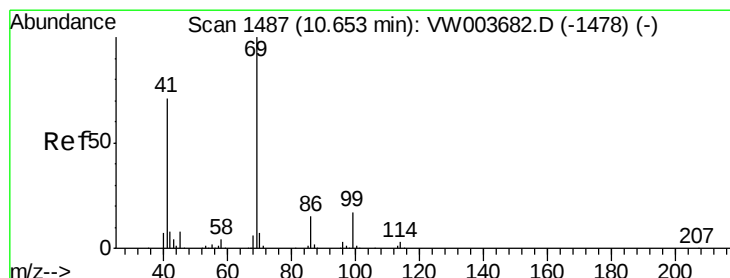
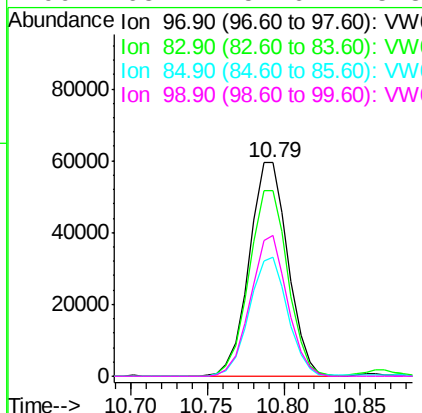
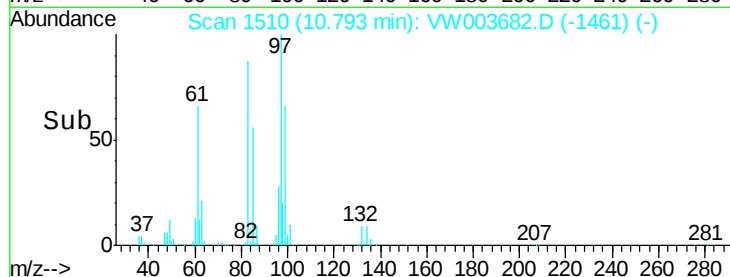
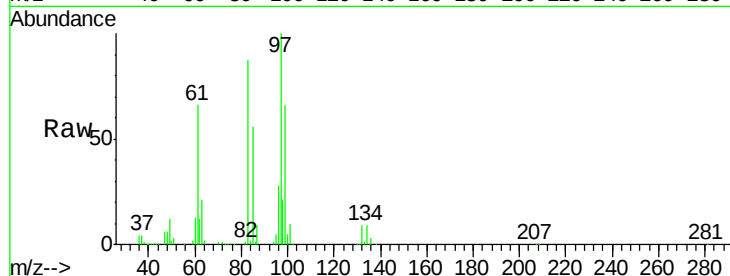
#55  
 1,1,2-Trichloroethane  
 Concen: 54.07 ug/l  
 RT: 10.79 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 104813 |       |       |
| 83      | 86.9 | 69.5  | 104.3  |       |       |
| 85      | 55.9 | 44.7  | 67.1   |       |       |
| 99      | 65.7 | 52.6  | 78.8   |       |       |

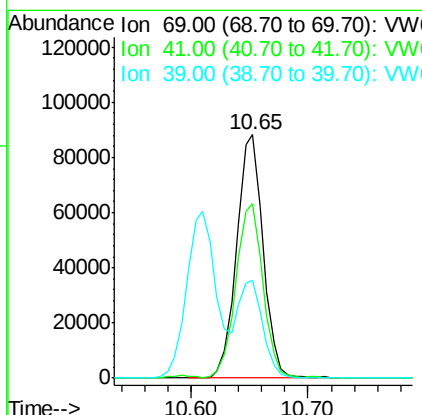
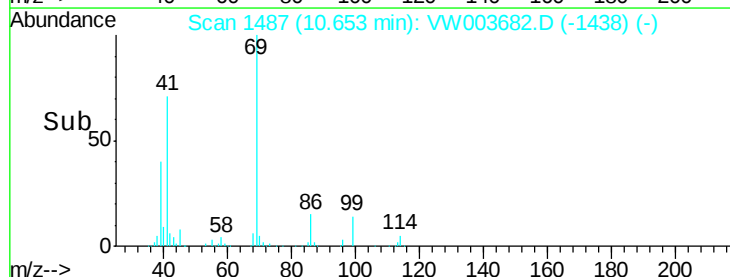
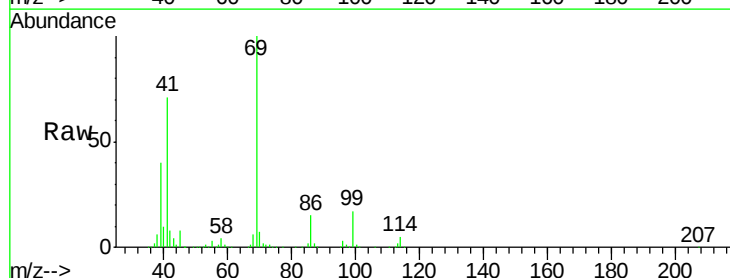
Manual Integrations  
 APPROVED

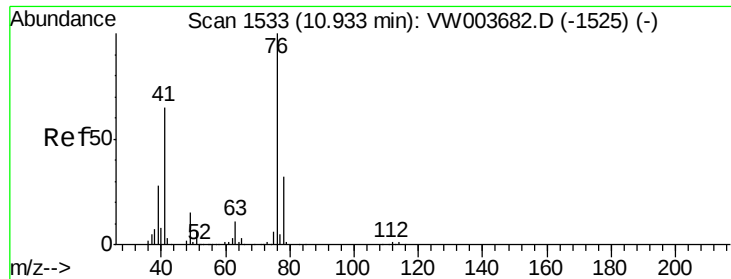
apatel  
 7/3/2018 10:16:34 AM



#56  
 Ethyl methacrylate  
 Concen: 59.02 ug/l  
 RT: 10.65 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 139864 |       |       |
| 41      | 71.9 | 57.5  | 86.3   |       |       |
| 39      | 36.7 | 29.4  | 44.0   |       |       |





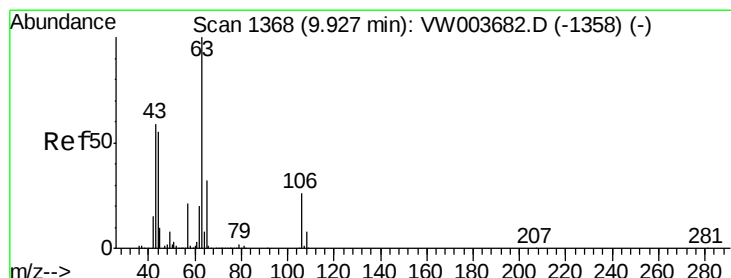
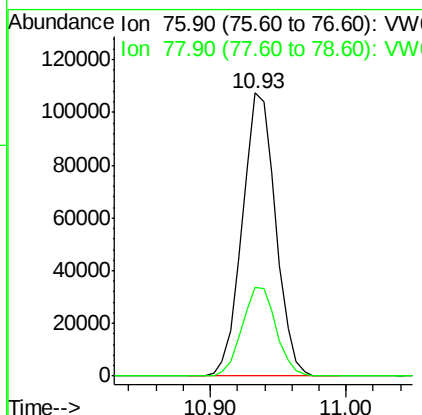
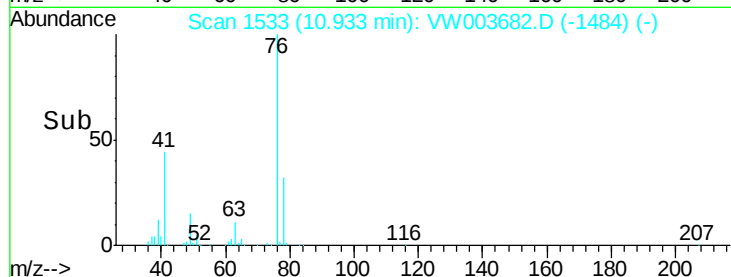
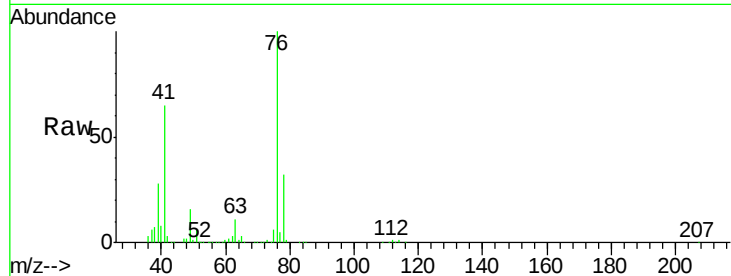
#57  
 1,3-Dichloropropane  
 Concen: 55.00 ug/l  
 RT: 10.93 min Scan# 1533  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDICCC050

Tot Ion: 76 Resp: 184287  
 Ion Ratio Lower Upper  
 76 100  
 78 32.0 25.6 38.4

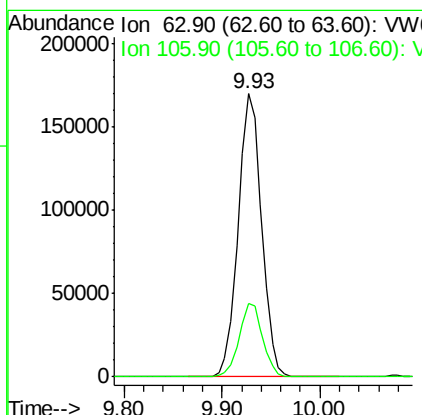
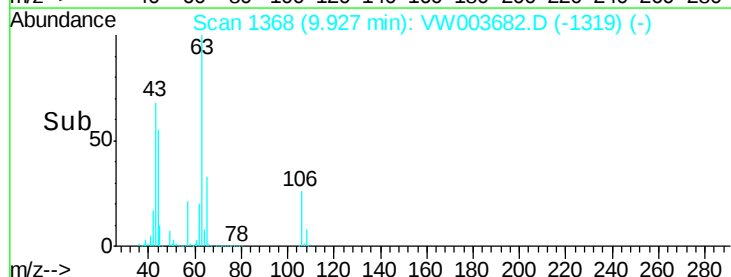
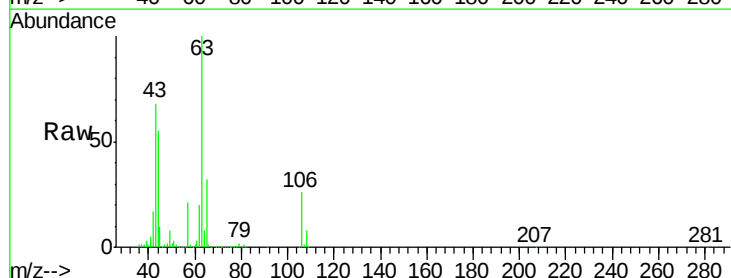
Manual Integrations  
 APPROVED

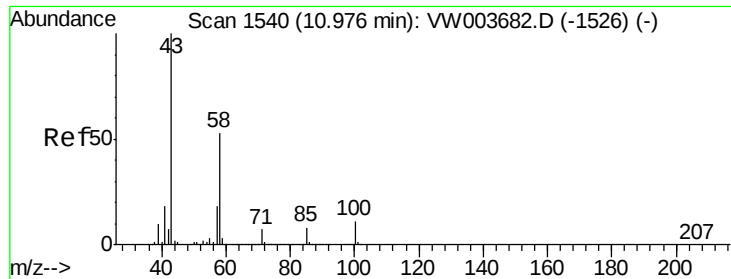
apatel  
 7/3/2018 10:16:34 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 269.80 ug/l  
 RT: 9.93 min Scan# 1368  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

Tgt Ion: 63 Resp: 281865  
 Ion Ratio Lower Upper  
 63 100  
 106 25.9 20.7 31.1





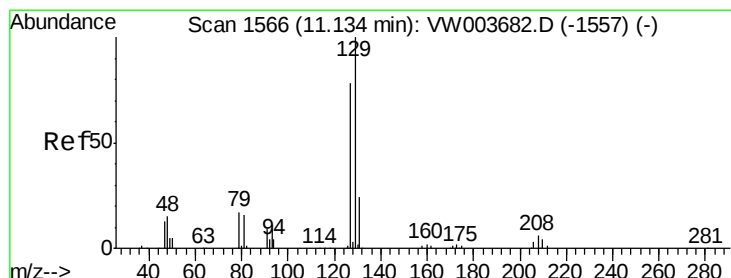
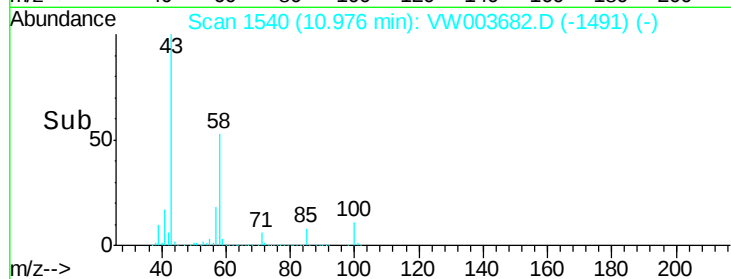
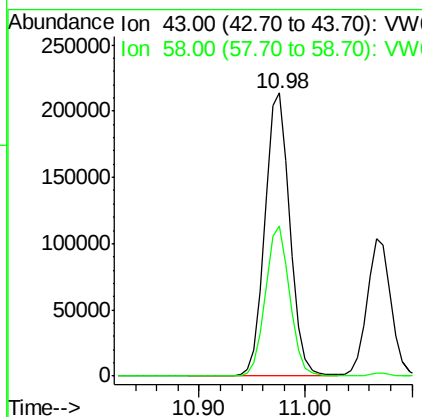
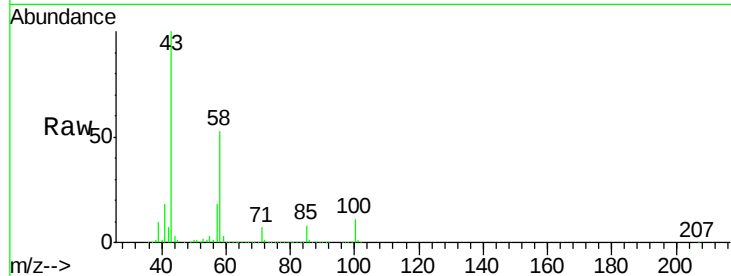
#59  
2-Hexanone  
Concen: 307.24 ug/l  
RT: 10.98 min Scan# 1540  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion   | 43 | Resp | 350238 |
|-----------|----|------|--------|
| Ion Ratio | 43 | 100  |        |
| Lower     | 58 | 51.7 | 25.9   |
| Upper     |    |      | 77.6   |

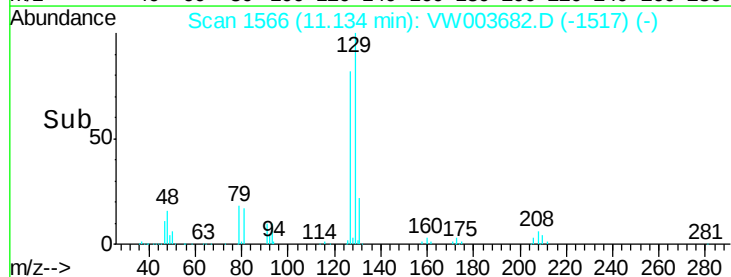
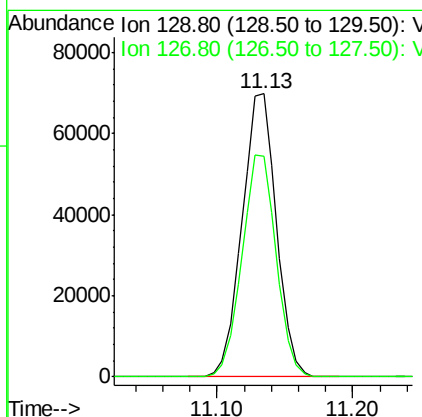
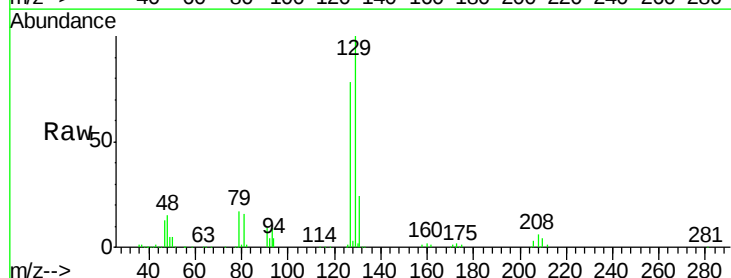
Manual Integrations  
APPROVED

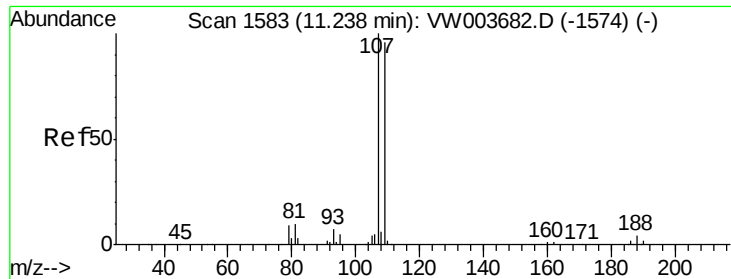
apatel  
7/3/2018 10:16:34 AM



#60  
Dibromochloromethane  
Concen: 53.74 ug/l  
RT: 11.13 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion   | 129 | Resp | 123155 |
|-----------|-----|------|--------|
| Ion Ratio | 129 | 100  |        |
| Lower     | 127 | 78.1 | 39.1   |
| Upper     |     |      | 117.2  |





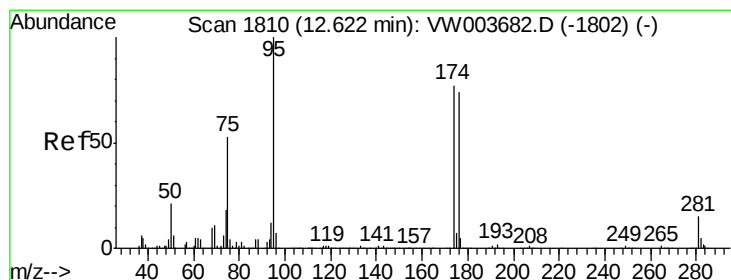
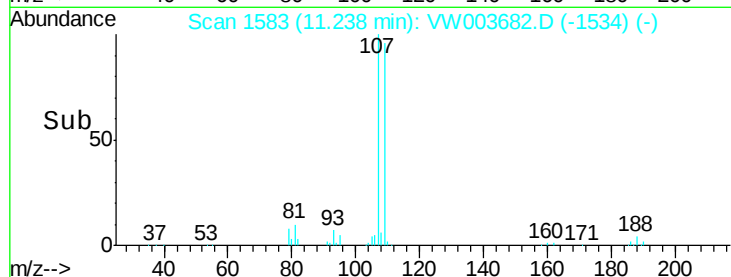
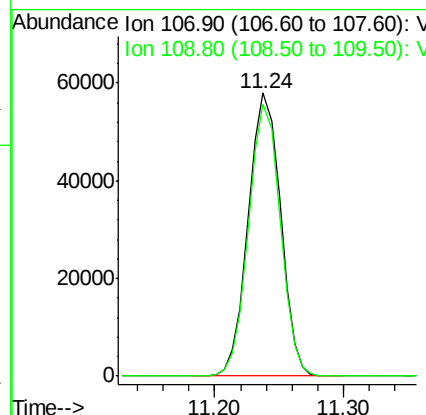
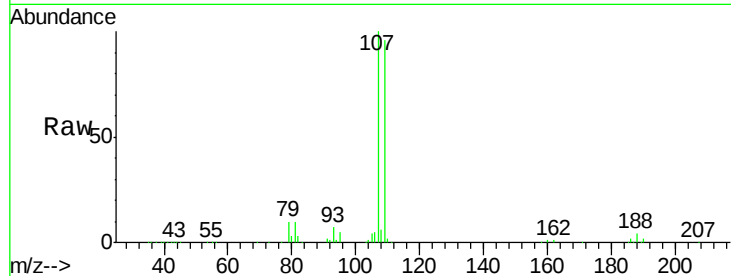
#61  
 1,2-Dibromoethane  
 Concen: 54.84 ug/l  
 RT: 11.24 min Scan# 1583  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.5  | 75.6  | 113.4 |

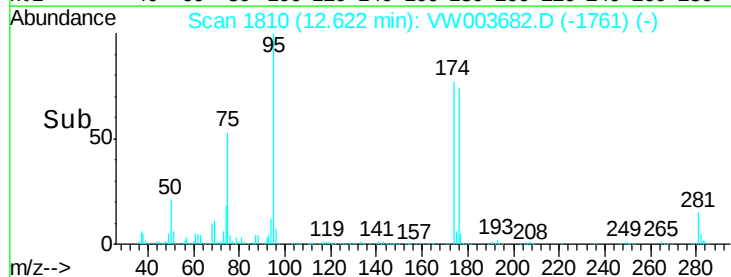
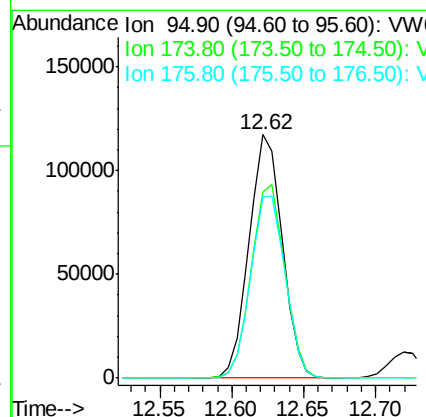
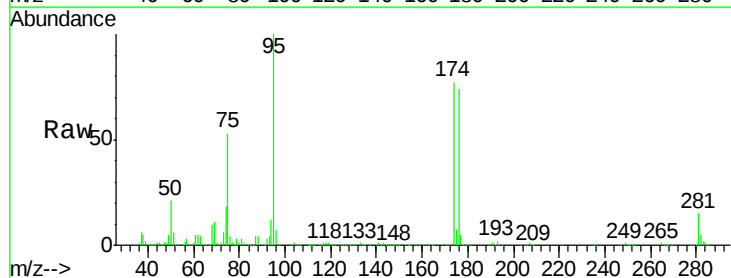
Manual Integrations  
 APPROVED

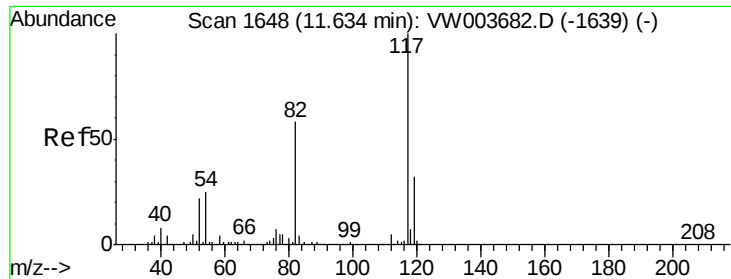
apatel  
 7/3/2018 10:16:34 AM



#62  
 4-Bromofluorobenzene  
 Concen: 54.35 ug/l  
 RT: 12.62 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 80.6  | 0.0   | 161.2 |
| 176     | 77.5  | 0.0   | 155.0 |





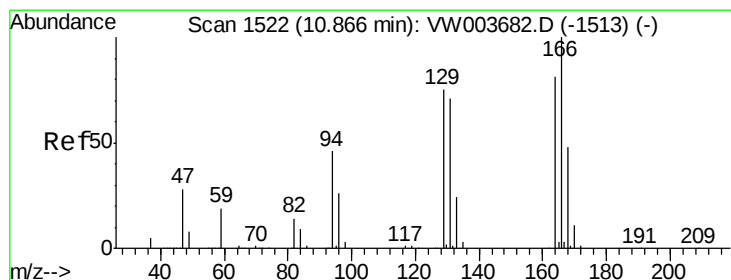
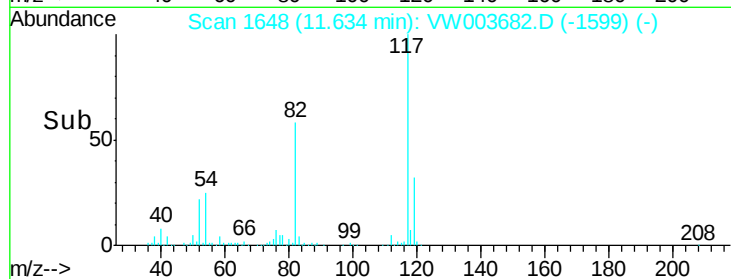
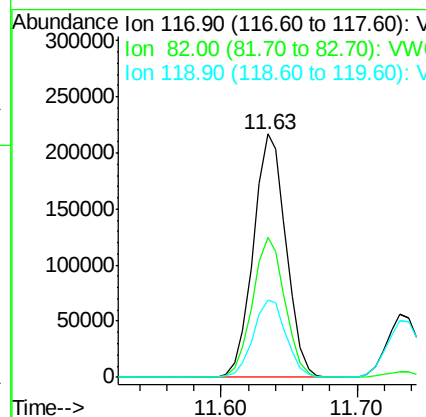
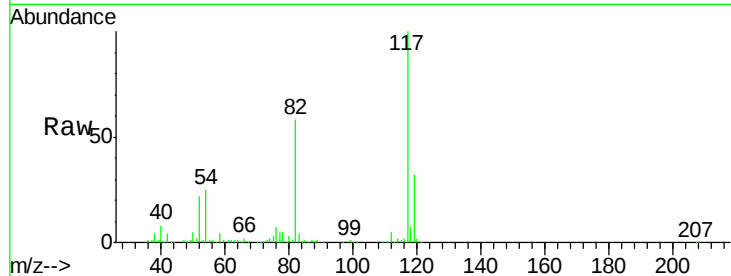
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.63 min Scan# 1648  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 364533 |       |       |
| 82      | 57.5  | 46.0   | 69.0  |       |
| 119     | 31.7  | 25.4   | 38.0  |       |

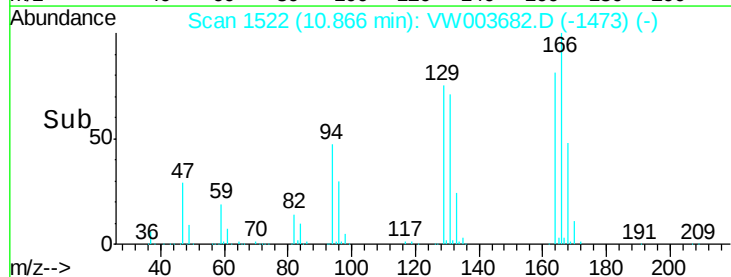
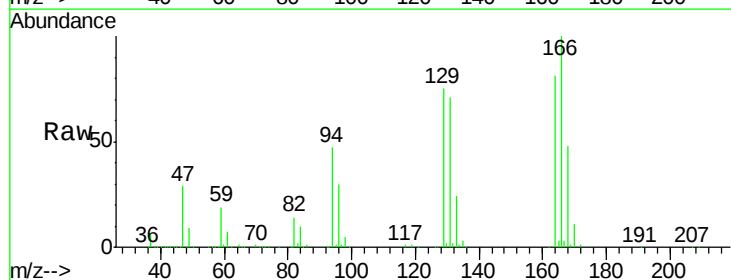
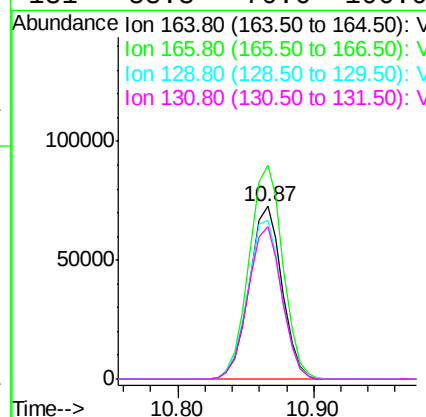
Manual Integrations  
APPROVED

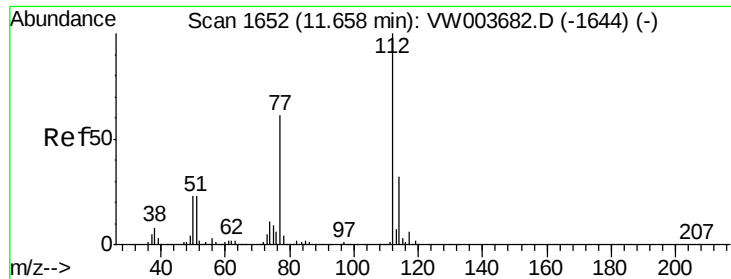
apatel  
7/3/2018 10:16:34 AM



#64  
Tetrachloroethene  
Concen: 49.83 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 122510 |       |       |
| 166     | 123.7 | 99.0   | 148.4 |       |
| 129     | 92.2  | 73.8   | 110.6 |       |
| 131     | 88.3  | 70.6   | 106.0 |       |





#65

Chlorobenzene

Concen: 50.13 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 383843

Ion Ratio Lower Upper

112 100

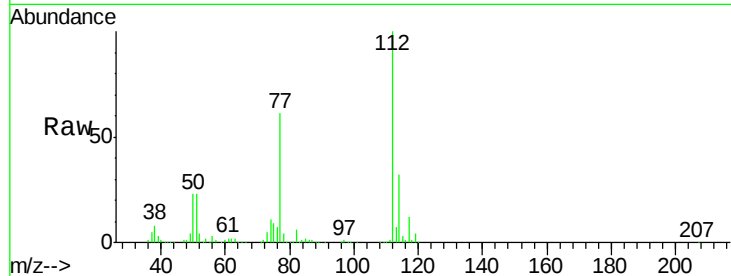
114 32.3 25.8 38.8

Manual Integrations

APPROVED

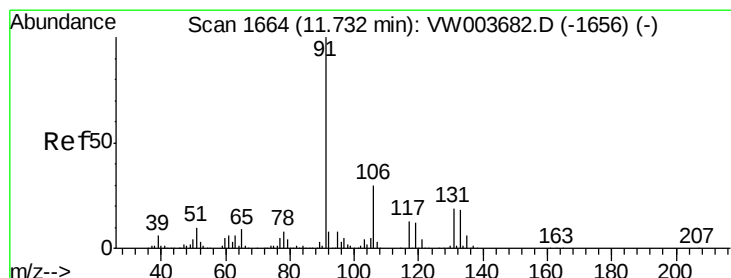
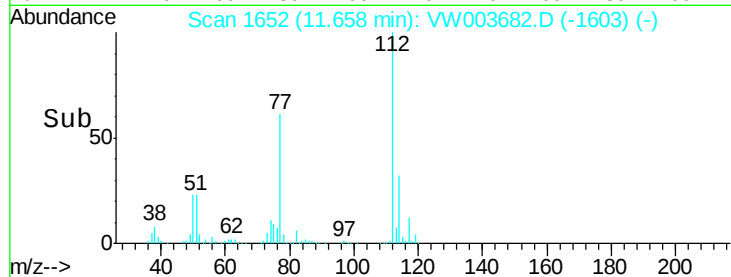
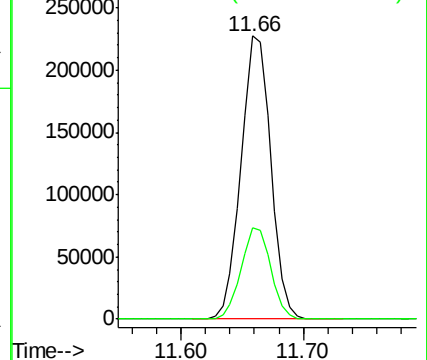
apatel

7/3/2018 10:16:34 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.72 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

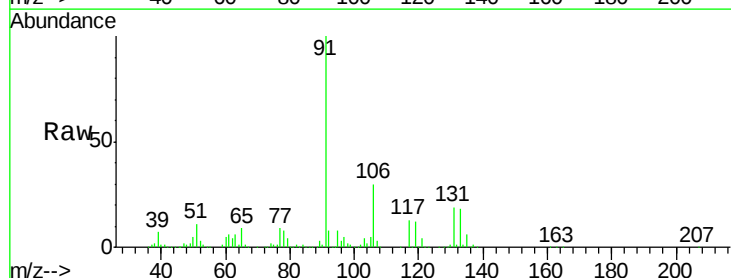
Tgt Ion:131 Resp: 136279

Ion Ratio Lower Upper

131 100

133 95.2 47.6 142.8

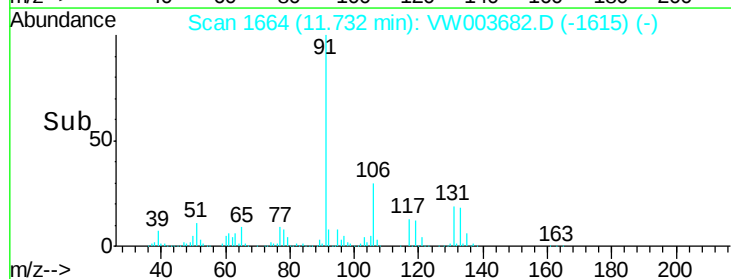
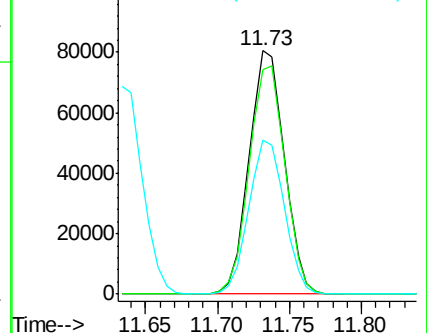
119 63.9 31.9 95.9

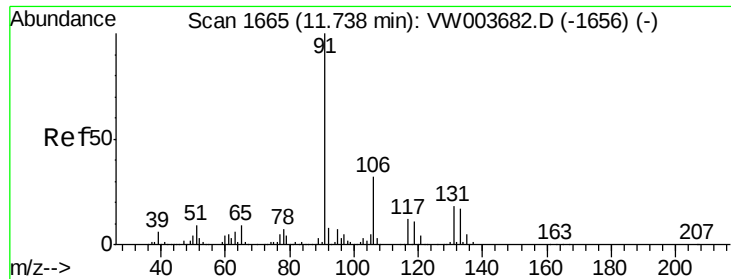


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





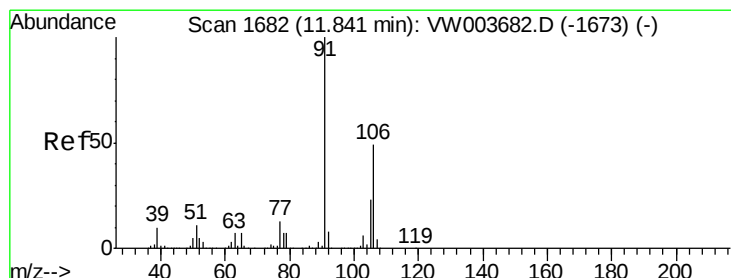
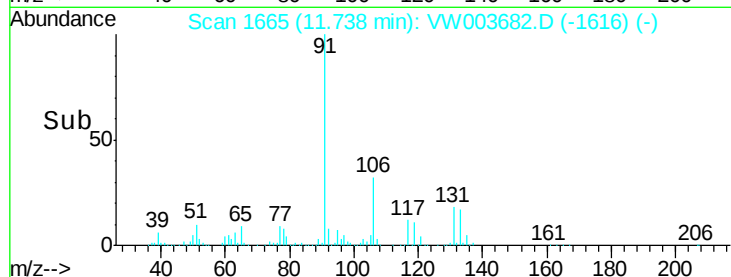
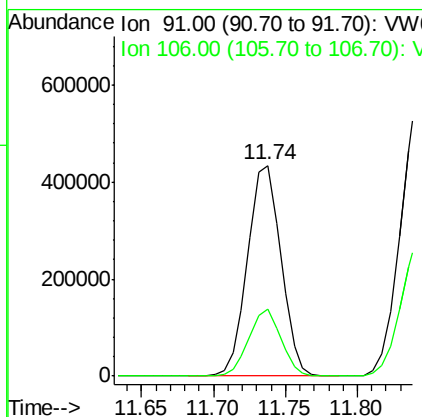
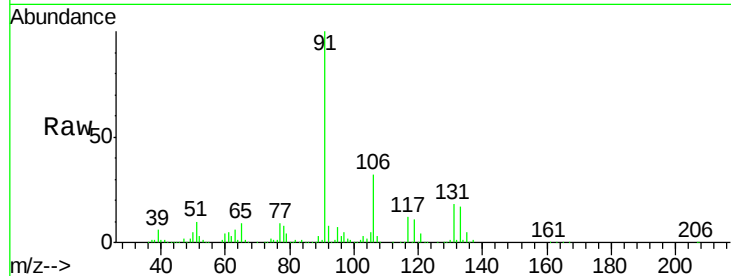
#67  
Ethyl Benzene  
Concen: 51.41 ug/l  
RT: 11.74 min Scan# 1665  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDICCC050

Tot Ion: 91 Resp: 698461  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.2 37.8

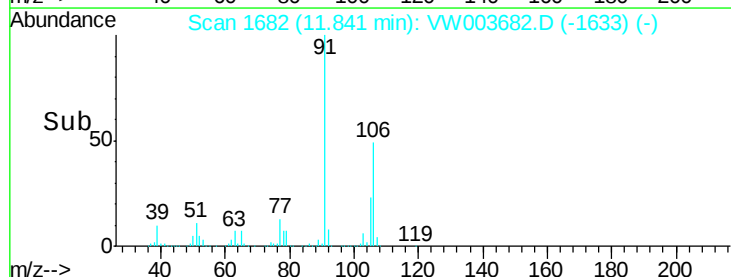
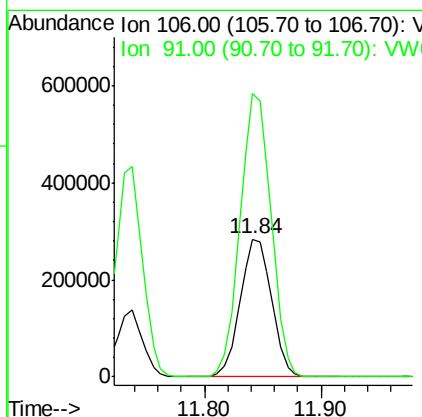
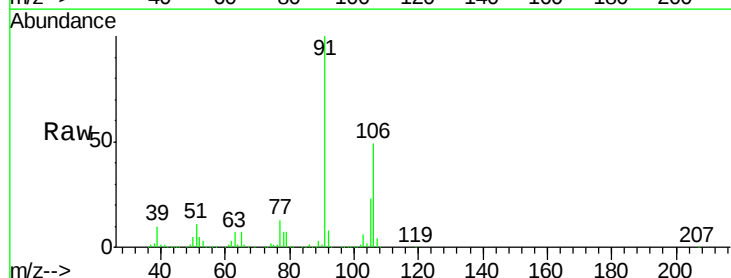
Manual Integrations  
APPROVED

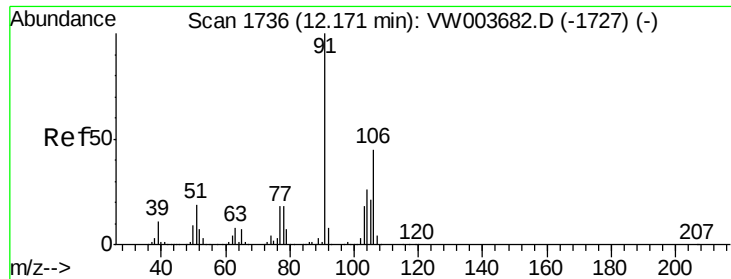
apatel  
7/3/2018 10:16:34 AM



#68  
m/p-Xylenes  
Concen: 102.95 ug/l  
RT: 11.84 min Scan# 1682  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Tgt Ion: 106 Resp: 531756  
Ion Ratio Lower Upper  
106 100  
91 204.6 163.7 245.5





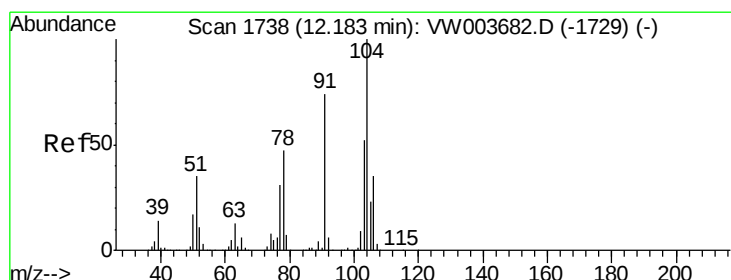
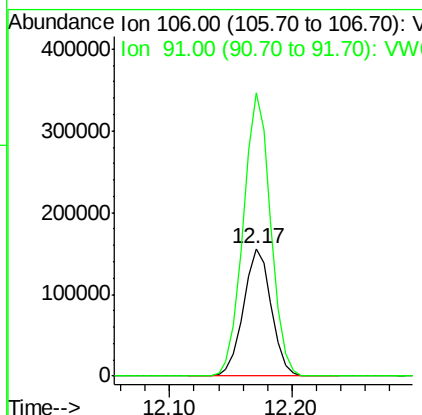
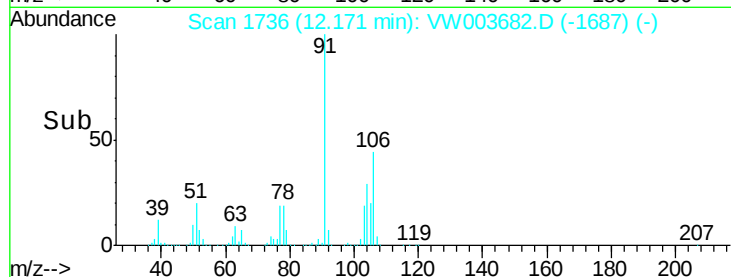
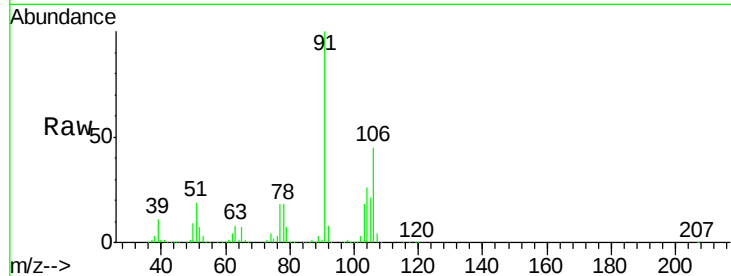
#69  
o-Xylene  
Concen: 51.45 ug/l  
RT: 12.17 min Scan# 1736  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 218.5 | 109.3 | 327.8 |

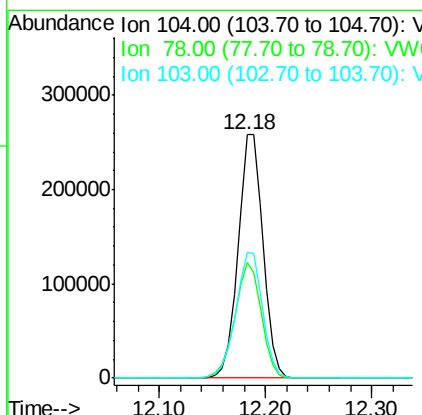
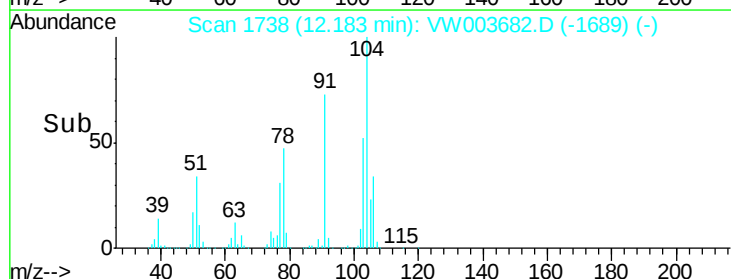
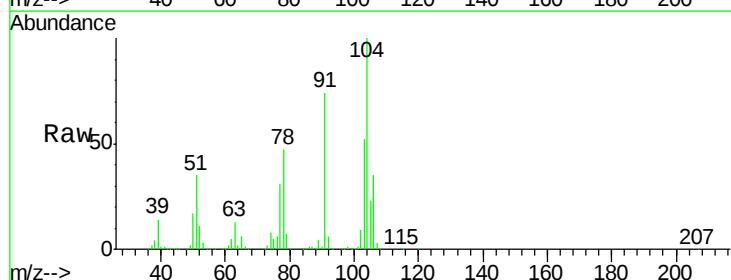
Manual Integrations  
APPROVED

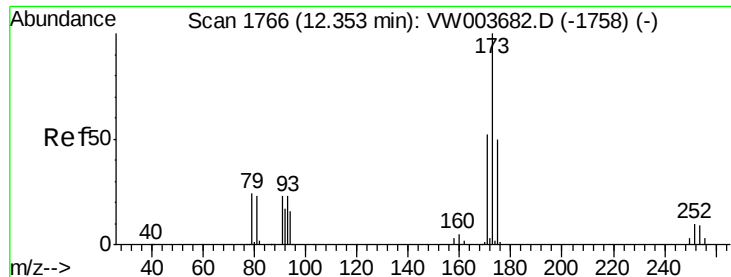
apatel  
7/3/2018 10:16:34 AM



#70  
Styrene  
Concen: 53.15 ug/l  
RT: 12.18 min Scan# 1738  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 50.3  | 40.2  | 60.4  |
| 103     | 55.5  | 44.4  | 66.6  |





#71

Bromoform

Concen: 53.97 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 75700

Ion Ratio Lower Upper

173 100

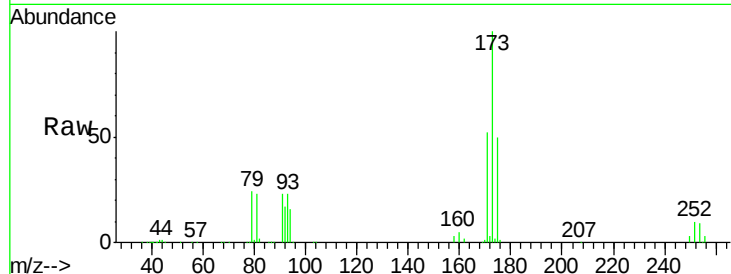
175 49.0 24.5 73.5

254 0.2 0.2 0.2

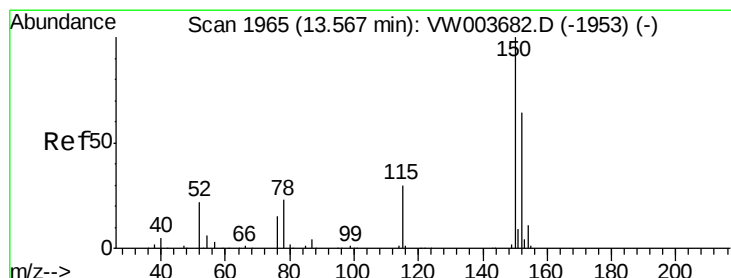
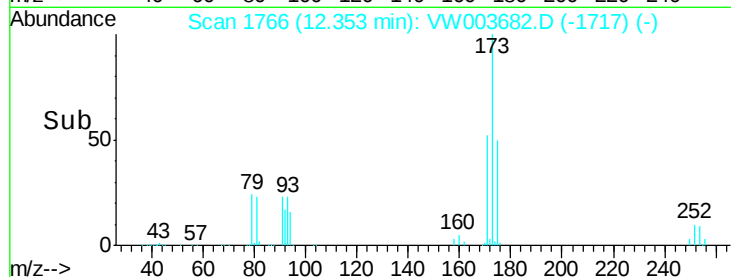
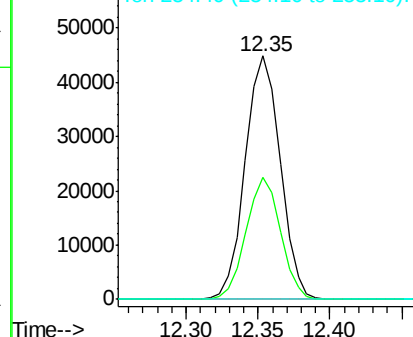
Manual Integrations  
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

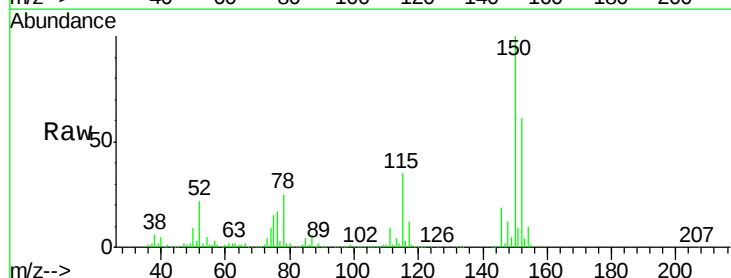
Tgt Ion:152 Resp: 194635

Ion Ratio Lower Upper

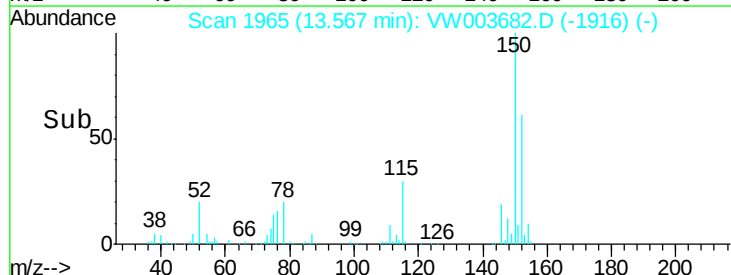
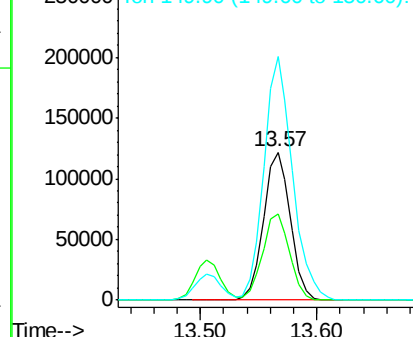
152 100

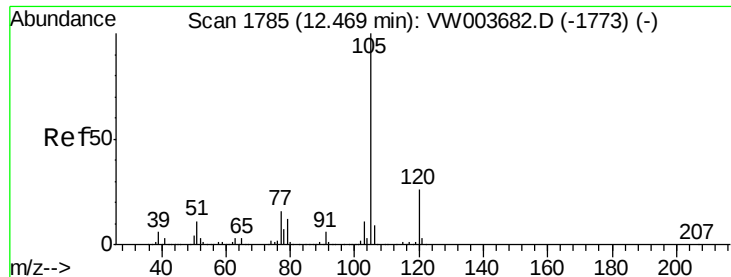
115 58.7 29.3 88.0

150 176.0 0.0 352.0



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





#73

Isopropylbenzene

Concen: 50.32 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA\_W

ClientSampled :

VSTDICCC050

Tot Ion: 105 Resp: 683876

Ion Ratio Lower Upper

105 100

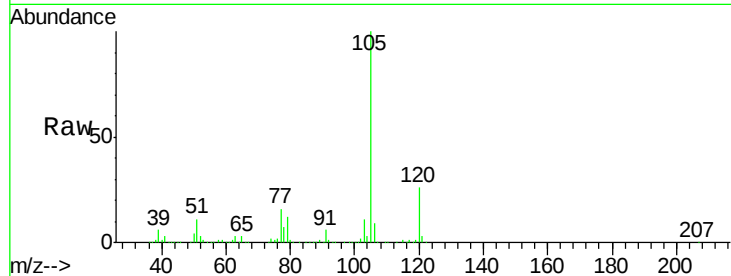
120 26.2 13.1 39.3

Manual Integrations

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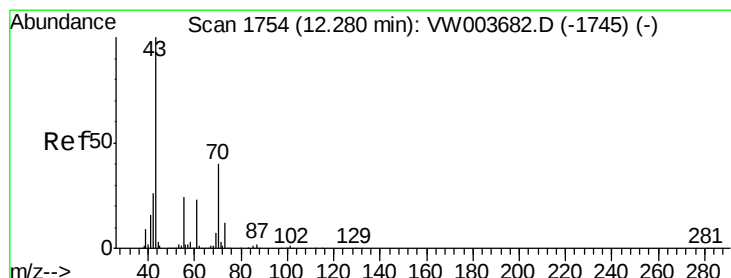
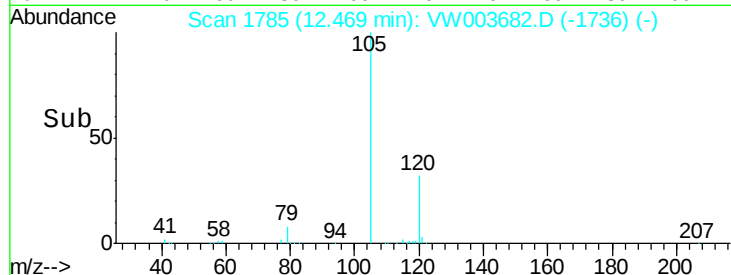
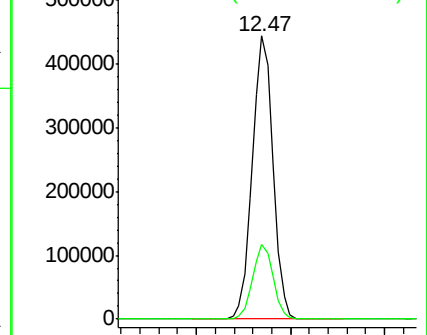
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.03 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Tgt Ion: 43 Resp: 180588

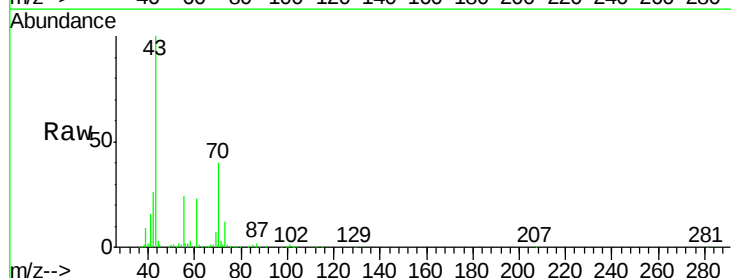
Ion Ratio Lower Upper

43 100

70 39.1 31.3 46.9

55 25.1 20.1 30.1

61 22.7 18.2 27.2

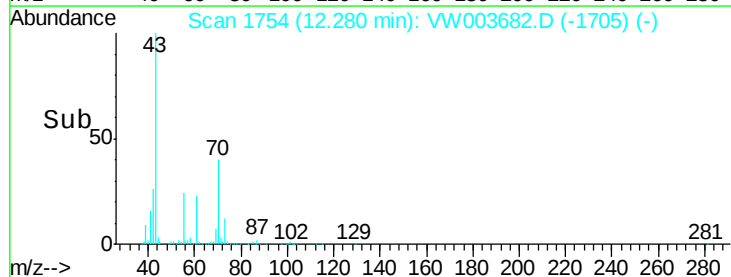
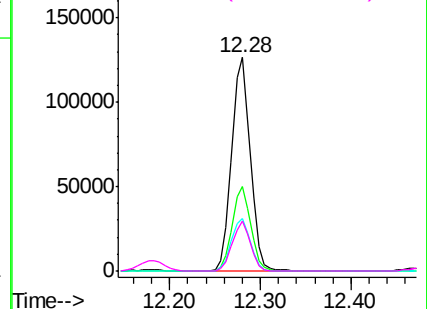


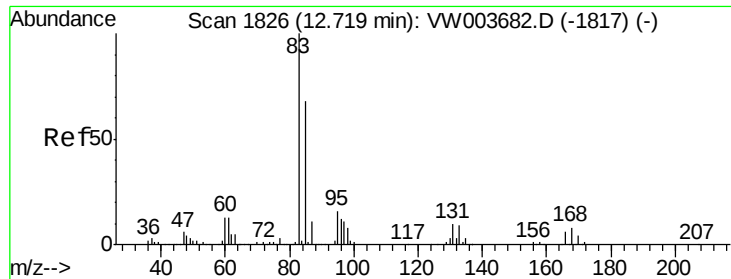
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





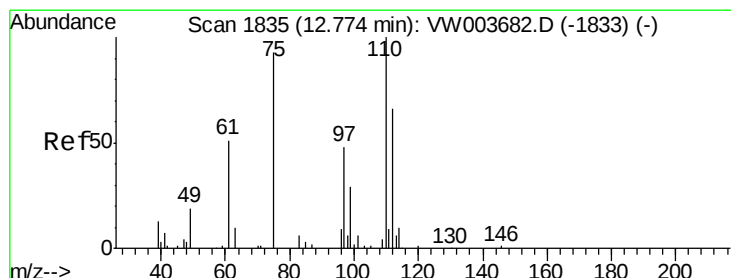
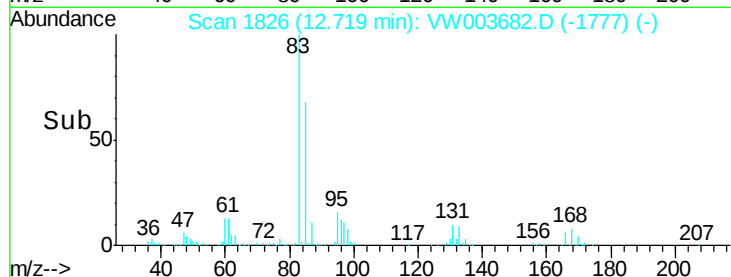
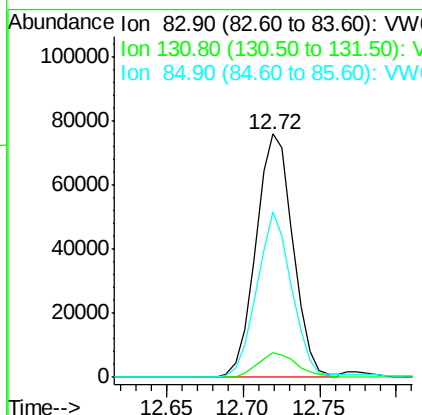
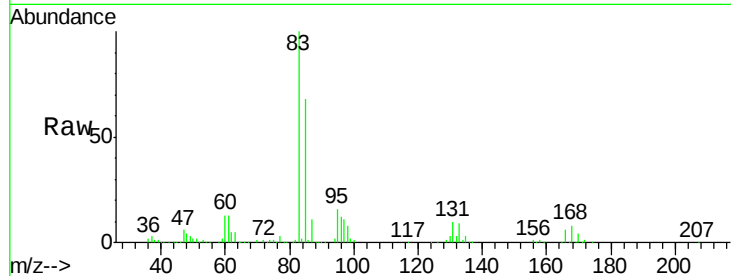
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 54.56 ug/l  
 RT: 12.72 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDICCC050

| Tot Ion   | 83   | Resp  | 128037 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 131       | 10.6 | 5.3   | 15.9   |
| 85        | 63.9 | 31.9  | 95.9   |

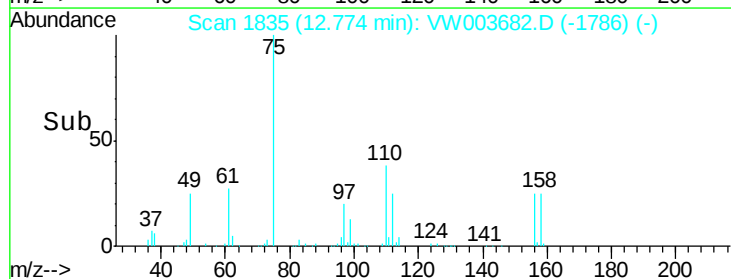
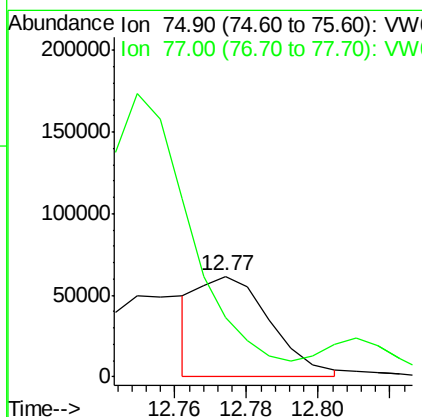
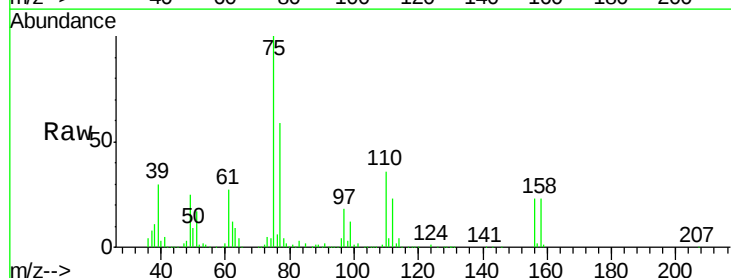
Manual Integrations  
 APPROVED

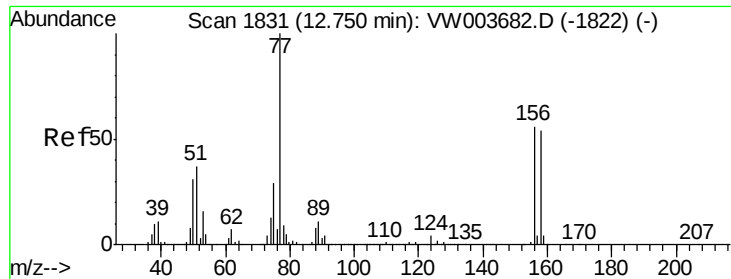
apatel  
 7/3/2018 10:16:34 AM



#76  
 1,2,3-Trichloropropane  
 Concen: 51.35 ug/l m  
 RT: 12.77 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

| Tgt Ion   | 75  | Resp  | 86574 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 75        | 100 |       |       |
| 77        | 0.0 | 0.0   | 0.0   |





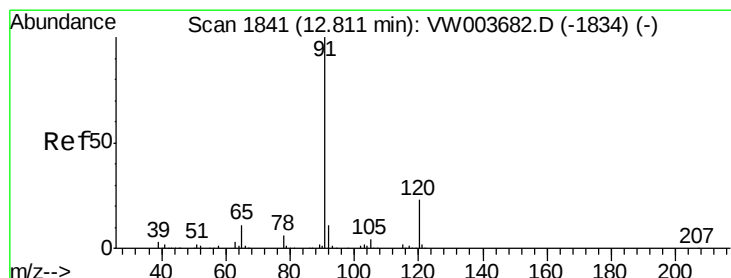
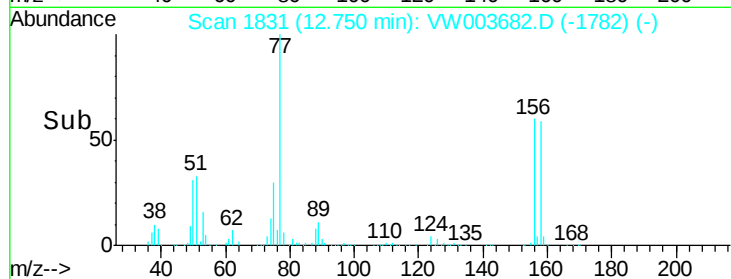
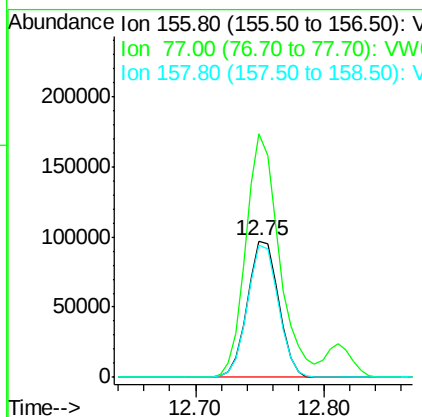
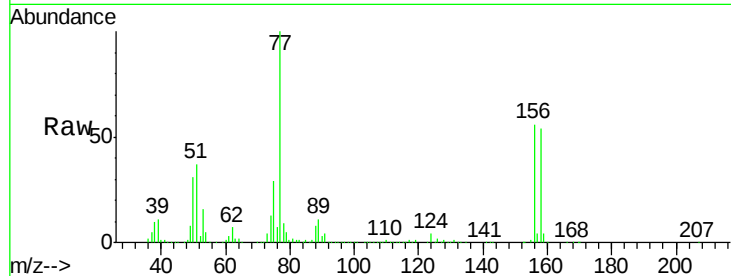
#77  
Bromobenzene  
Concen: 50.77 ug/l  
RT: 12.75 min Scan# 1831  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 191.6 | 95.8  | 287.4 |
| 158     | 96.4  | 48.2  | 144.6 |

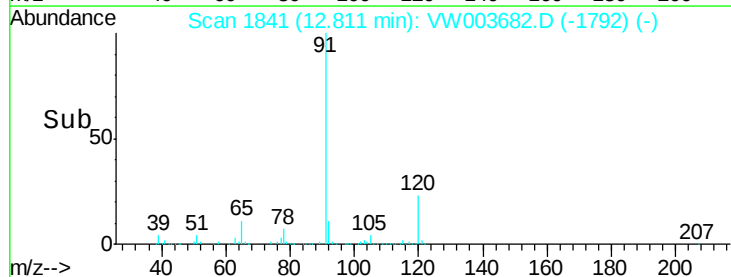
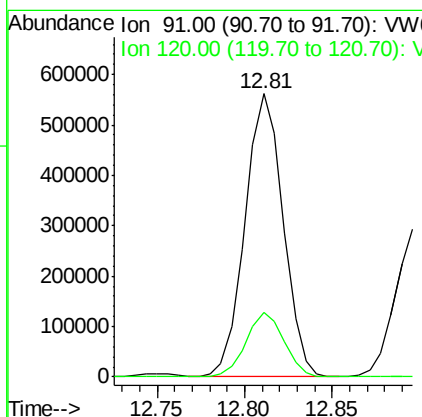
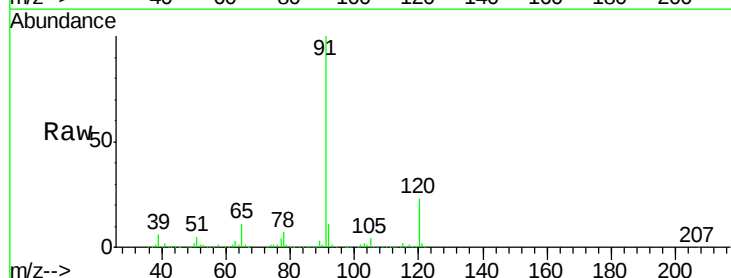
Manual Integrations  
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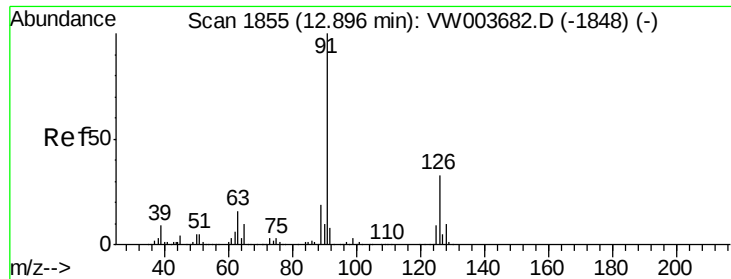
apatel  
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#78  
n-propylbenzene  
Concen: 51.04 ug/l  
RT: 12.81 min Scan# 1841  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.7  | 11.4  | 34.1  |





#79

2-Chlorotoluene

Concen: 50.81 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA\_W

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 479284

Ion Ratio Lower Upper

91 100

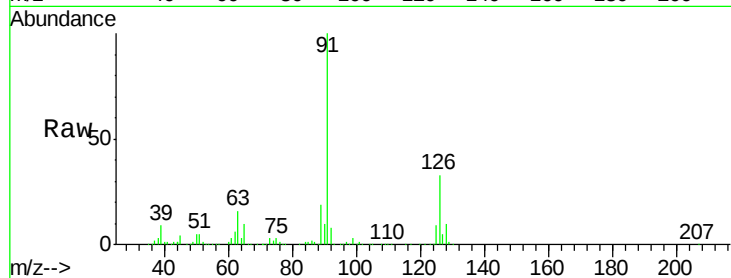
126 32.9 16.4 49.4

Manual Integrations

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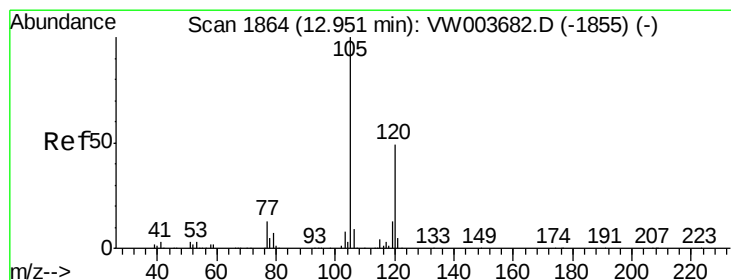
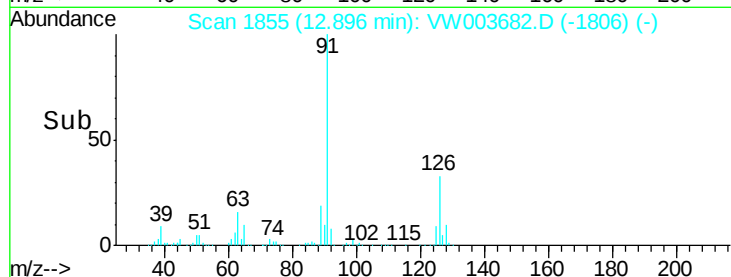
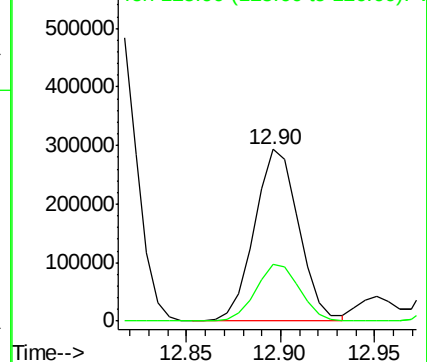
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.80 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003682.D

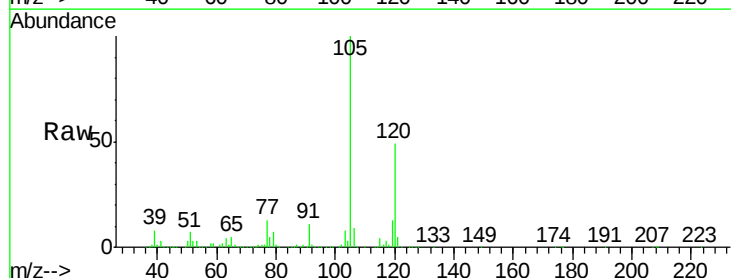
Acq: 02 Jul 2018 17:50

Tgt Ion:105 Resp: 580119

Ion Ratio Lower Upper

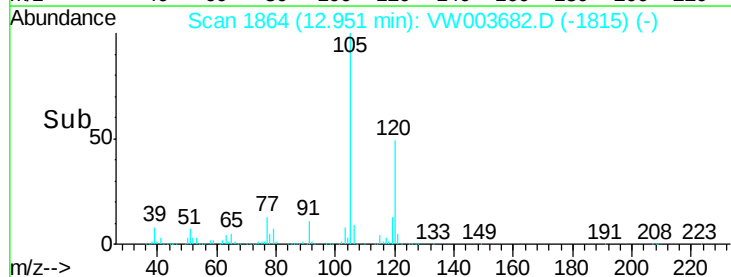
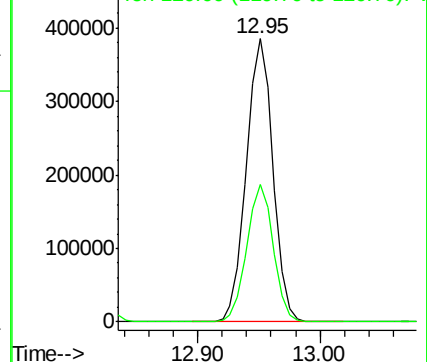
105 100

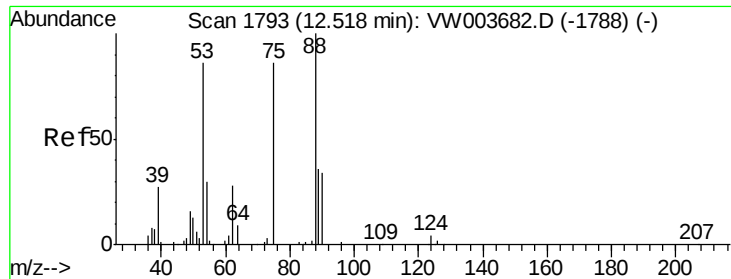
120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 56.78 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA\_W

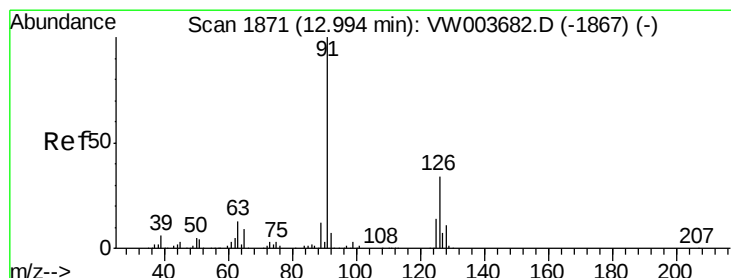
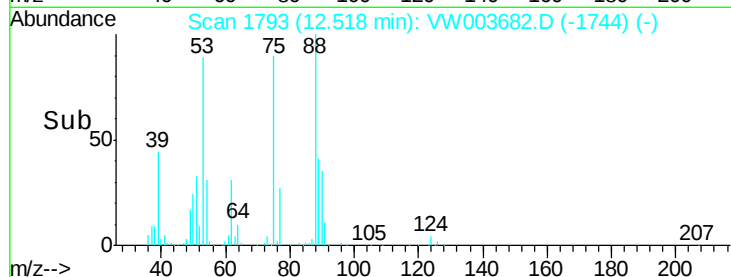
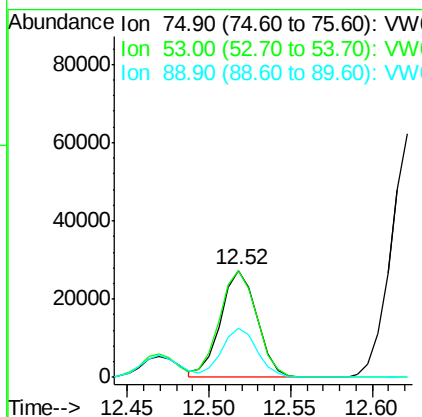
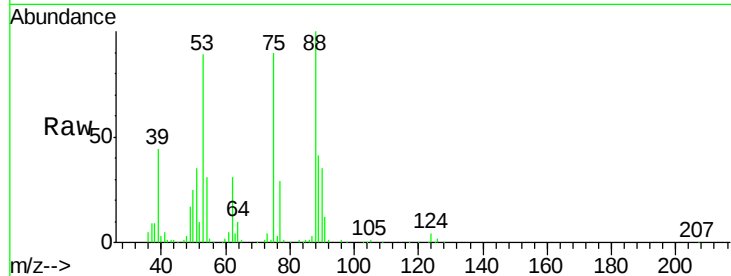
ClientSampled :

VSTDICCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 42132 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 103.0 | 82.4  | 123.6 |
| 89       | 44.9  | 35.9  | 53.9  |

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#82

4-Chlorotoluene

Concen: 50.31 ug/l

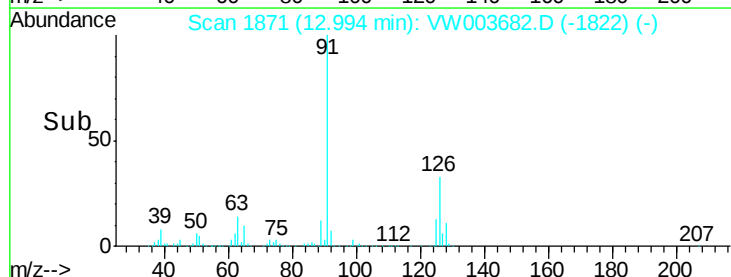
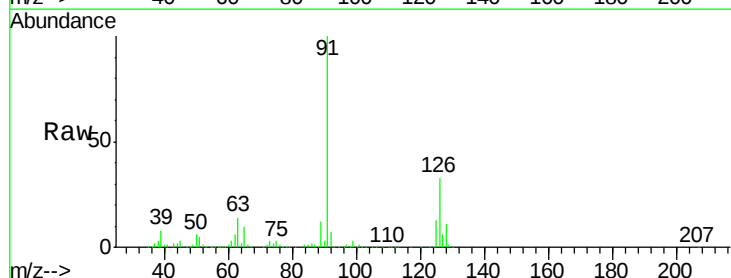
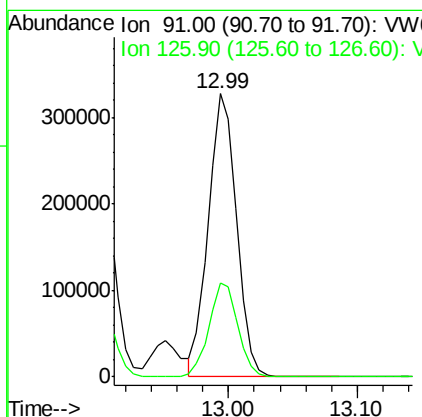
RT: 12.99 min Scan# 1871

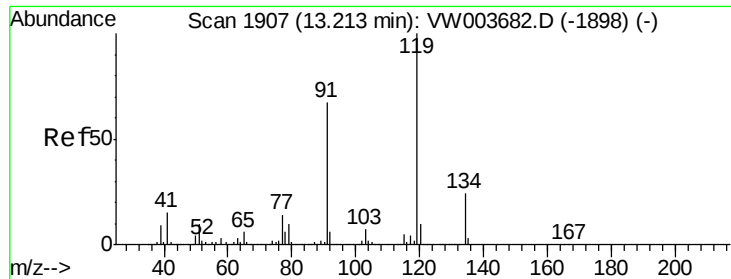
Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 503196 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 33.9  | 17.0  | 50.9   |





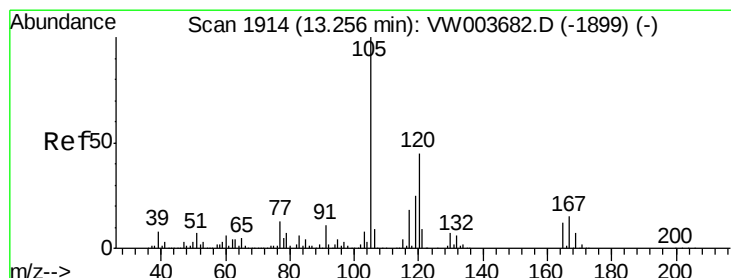
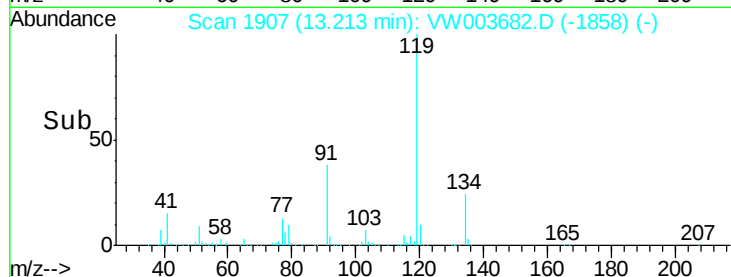
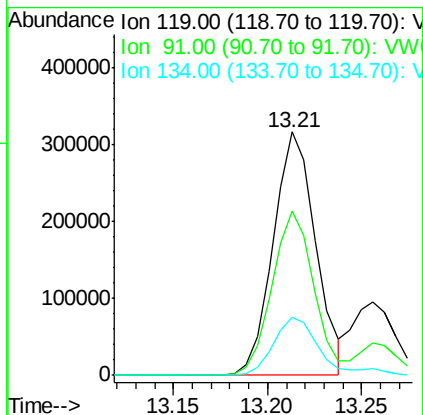
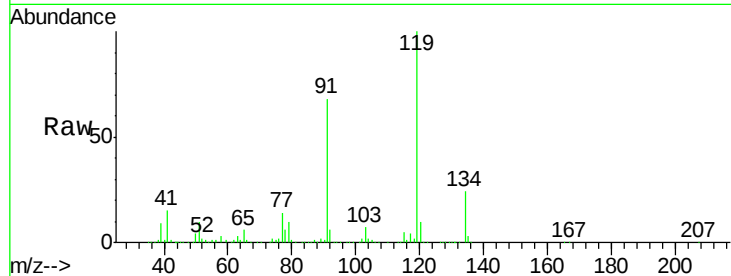
#83  
tert-Butylbenzene  
Concen: 50.69 ug/l  
RT: 13.21 min Scan# 1907  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 67.5  | 33.8  | 101.3 |
| 134     | 26.1  | 13.1  | 39.1  |

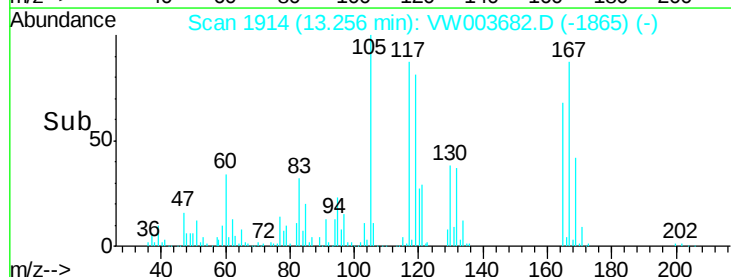
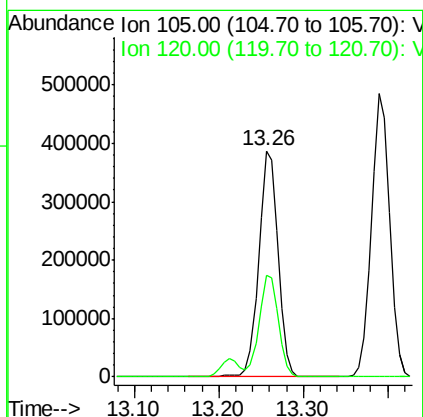
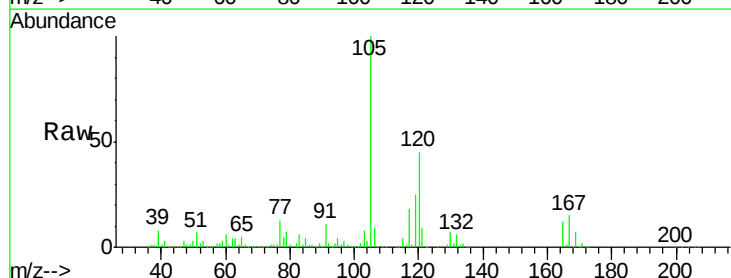
Manual Integrations  
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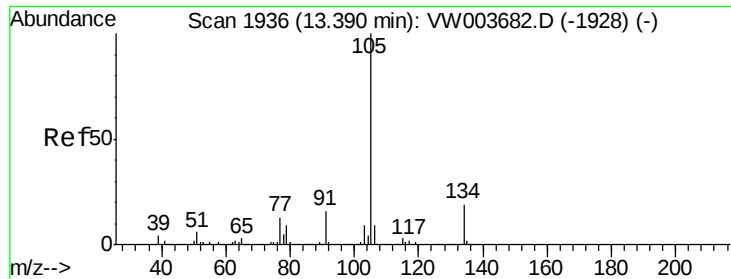
apatel  
7/3/2018 10:16:34 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 51.36 ug/l  
RT: 13.26 min Scan# 1914  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.9  | 22.4  | 67.3  |





#85

sec-Butylbenzene

Concen: 50.49 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

Instrument :

MSVOA\_W

ClientSampled :

VSTDICCC050

Tot Ion:105 Resp: 730306

Ion Ratio Lower Upper

105 100

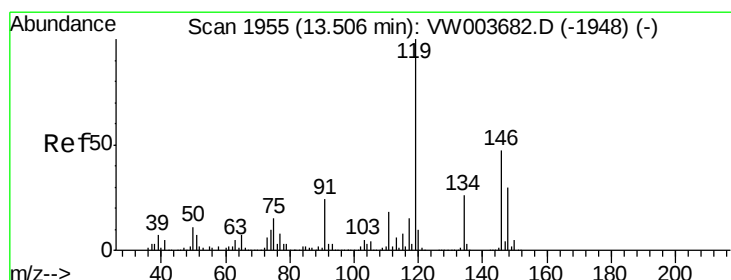
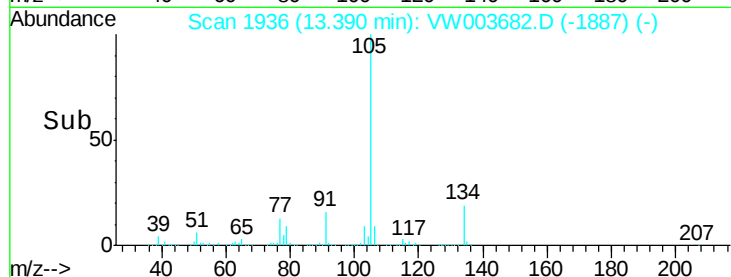
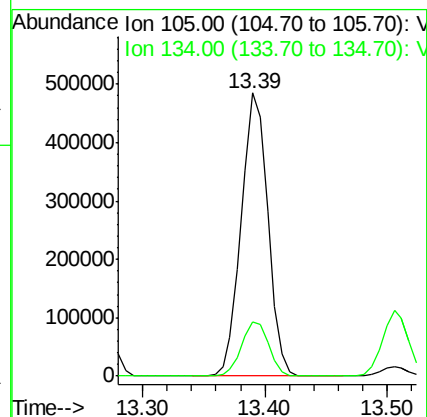
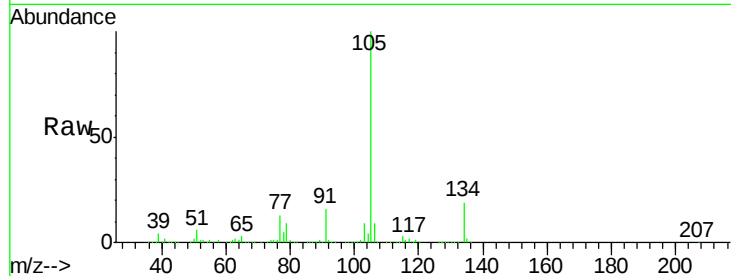
134 19.6 9.8 29.4

Manual Integrations

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apatel

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#86

p-Isopropyltoluene

Concen: 50.54 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003682.D

Acq: 02 Jul 2018 17:50

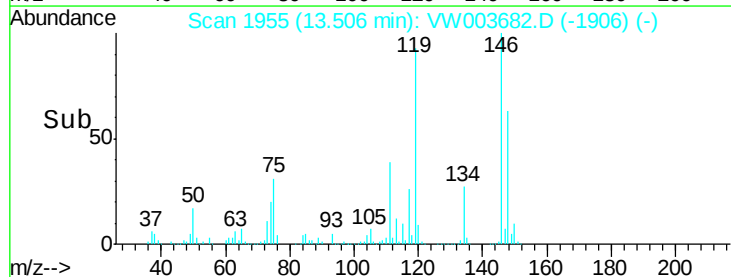
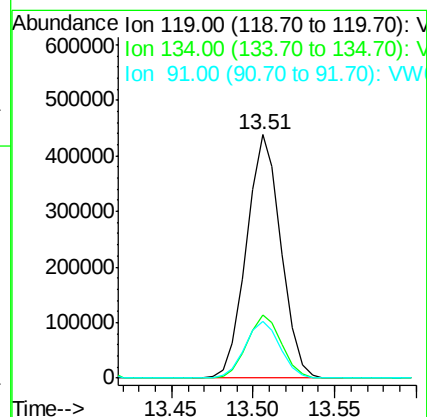
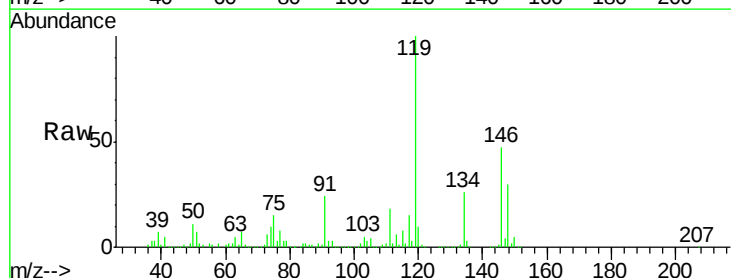
Tgt Ion:119 Resp: 643307

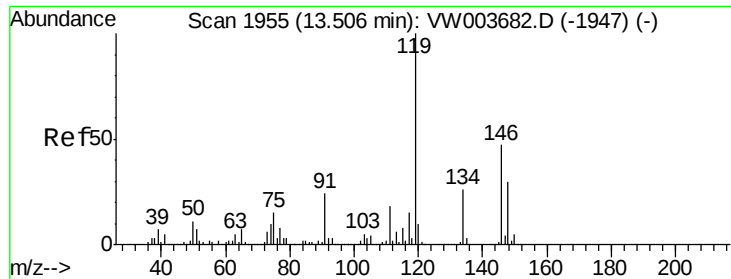
Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 23.6 11.8 35.4





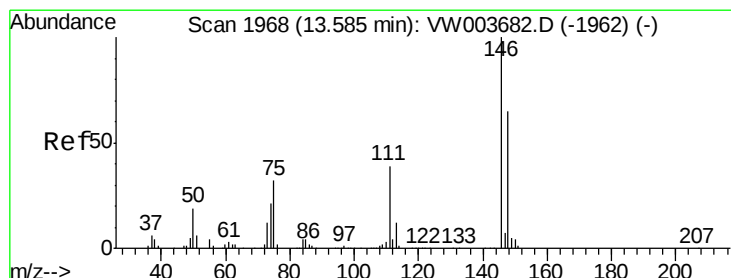
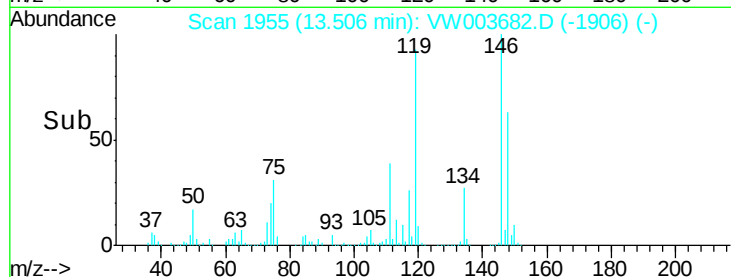
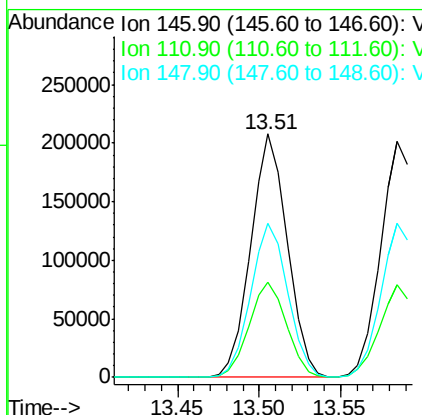
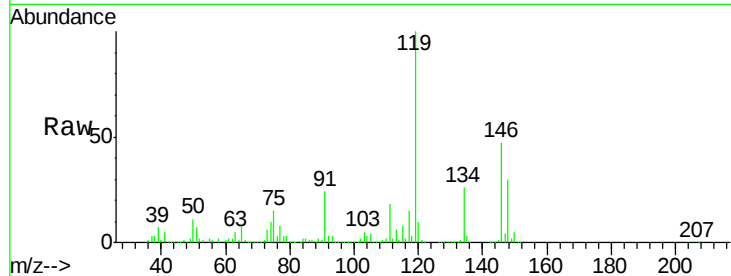
#87  
 1,3-Dichlorobenzene  
 Concen: 49.67 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.8  | 19.9  | 59.7  |
| 148     | 63.9  | 31.9  | 95.9  |

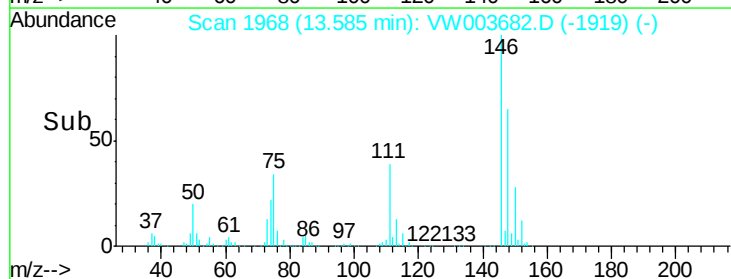
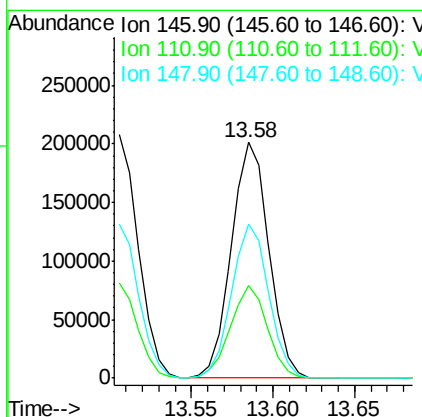
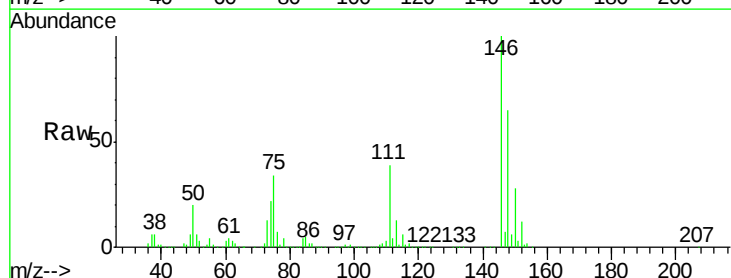
Manual Integrations  
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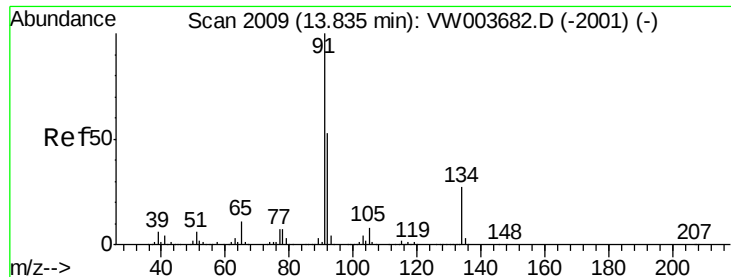
apatel  
 7/3/2018 10:16:34 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 49.70 ug/l  
 RT: 13.58 min Scan# 1968  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.6  | 19.3  | 57.9  |
| 148     | 64.6  | 32.3  | 96.9  |





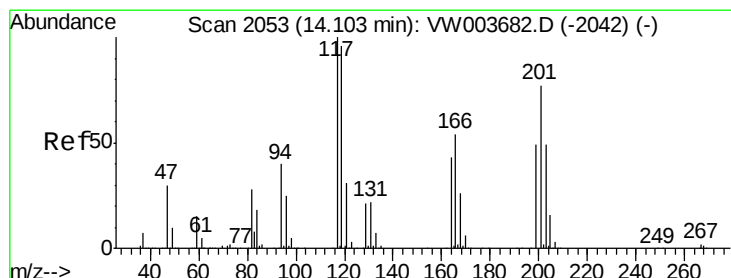
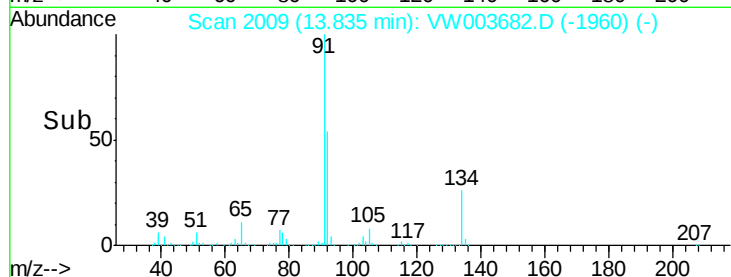
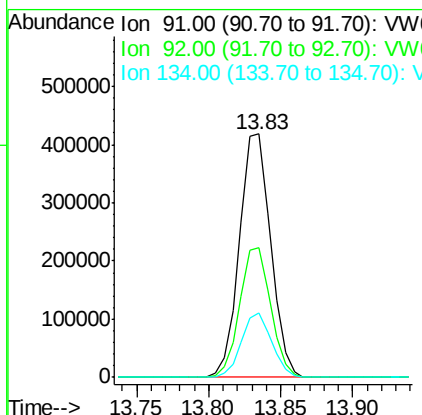
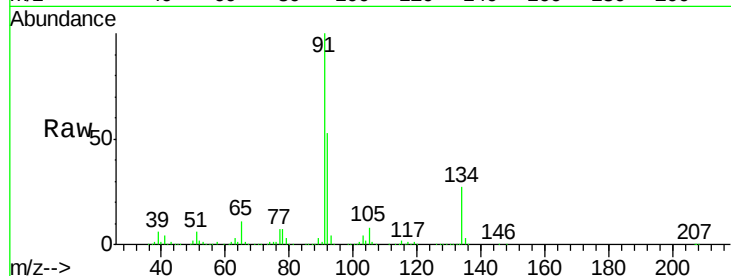
#89  
n-Butylbenzene  
Concen: 50.84 ug/l  
RT: 13.83 min Scan# 2009  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.8  | 26.4  | 79.2  |
| 134     | 25.4  | 12.7  | 38.1  |

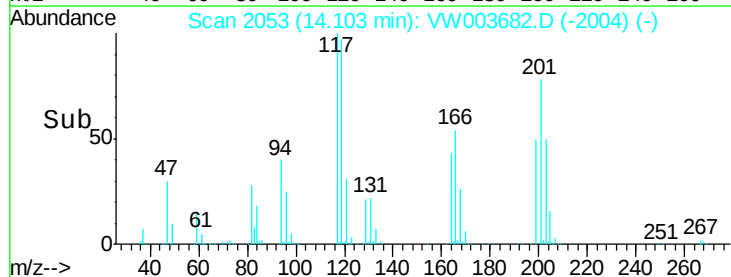
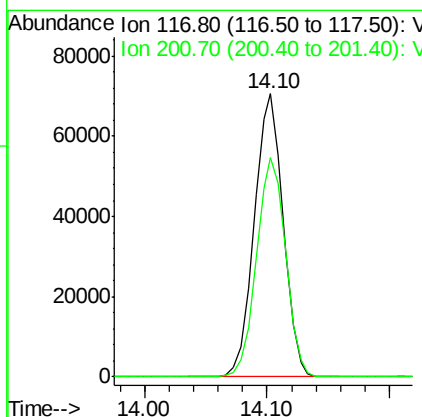
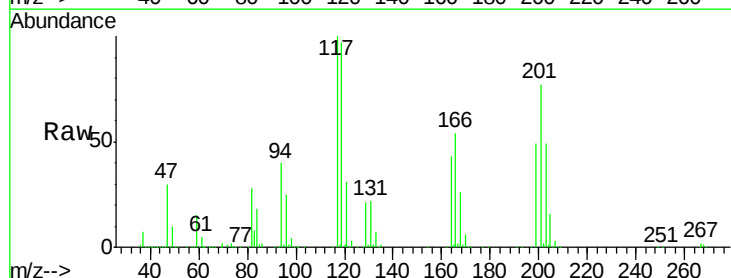
Manual Integrations  
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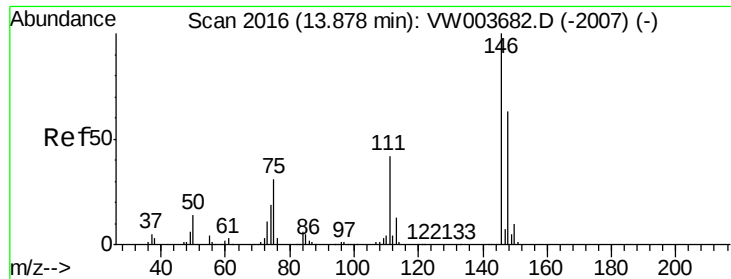
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#90  
Hexachloroethane  
Concen: 50.30 ug/l  
RT: 14.10 min Scan# 2053  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 78.1  | 39.1  | 117.2 |





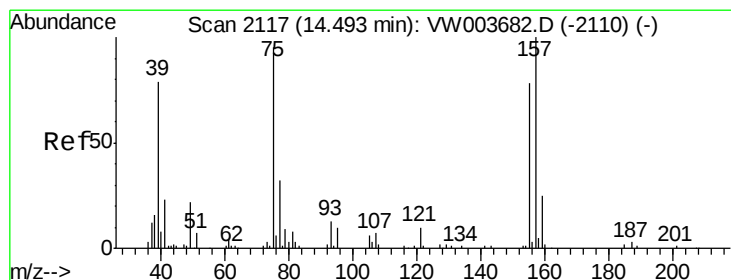
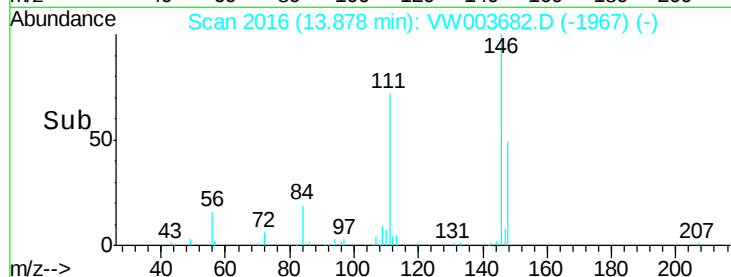
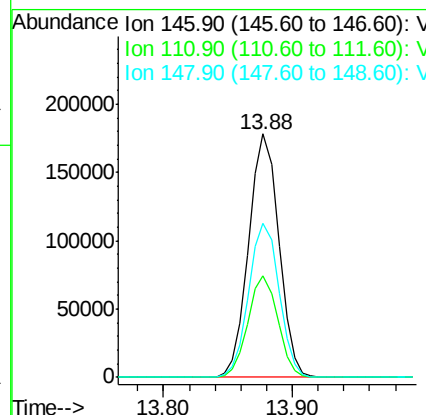
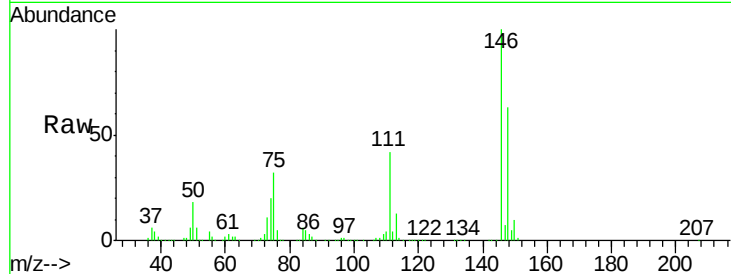
#91  
 1,2-Dichlorobenzene  
 Concen: 50.47 ug/l  
 RT: 13.88 min Scan# 2016  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 288369 |       |       |
| 111     | 41.3  | 20.6   | 61.9  |       |
| 148     | 63.8  | 31.9   | 95.7  |       |

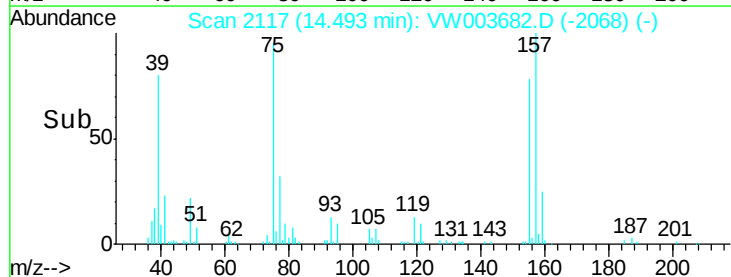
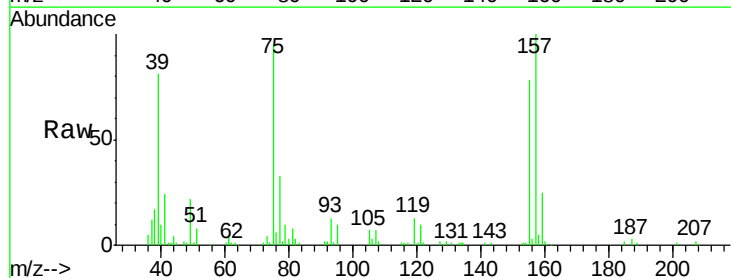
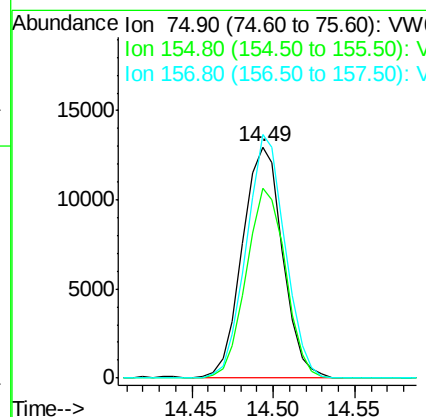
Manual Integrations  
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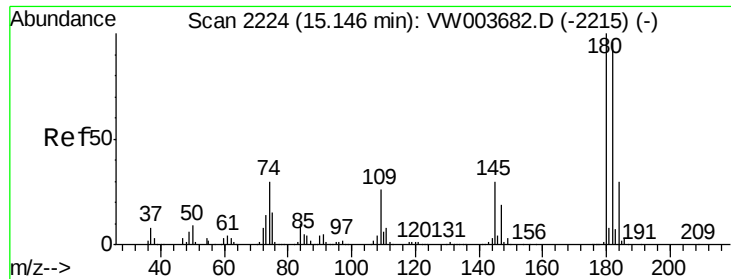
apatel  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 56.33 ug/l  
 RT: 14.49 min Scan# 2117  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 22274 |       |       |
| 155     | 80.4  | 40.2  | 120.6 |       |
| 157     | 101.5 | 50.7  | 152.3 |       |





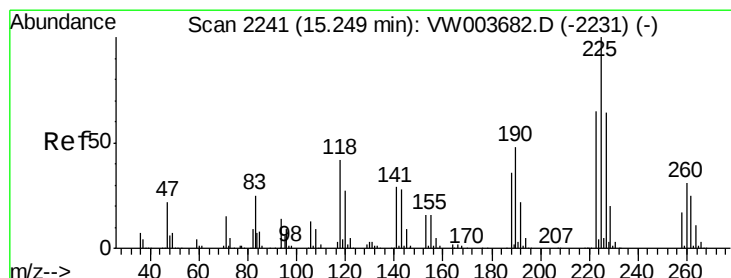
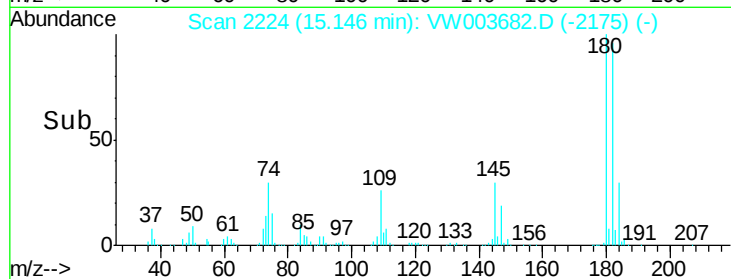
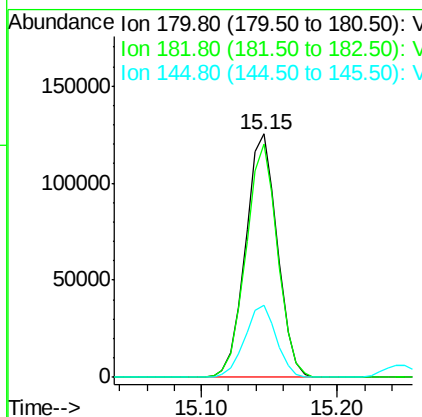
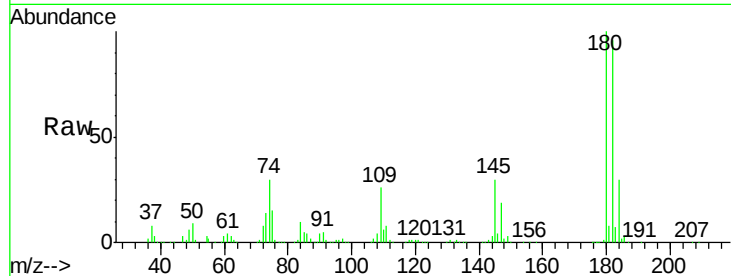
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.02 ug/l  
 RT: 15.15 min Scan# 2224  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 47.6  | 142.8 |
| 145     | 29.7  | 14.9  | 44.5  |

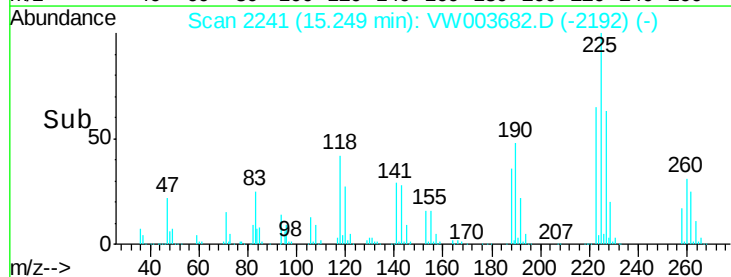
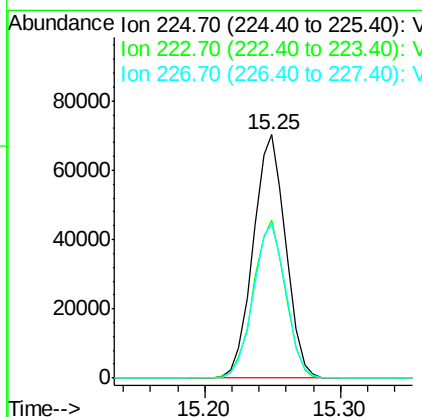
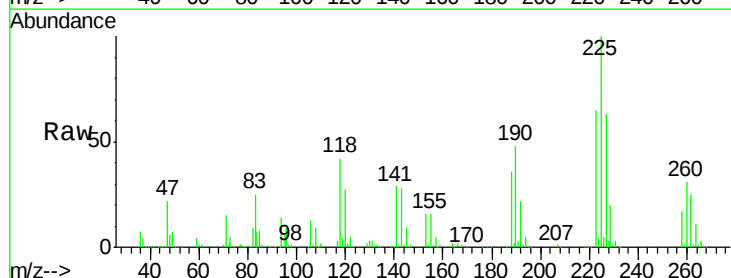
Manual Integrations  
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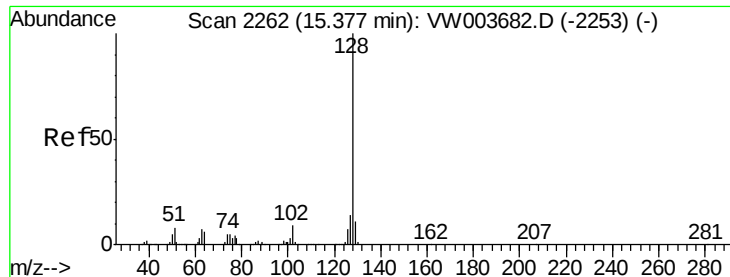
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#94  
 Hexachlorobutadiene  
 Concen: 48.90 ug/l  
 RT: 15.25 min Scan# 2241  
 Delta R.T. 0.00 min  
 Lab File: VW003682.D  
 Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.1  | 32.0  | 96.2  |
| 227     | 63.8  | 31.9  | 95.7  |





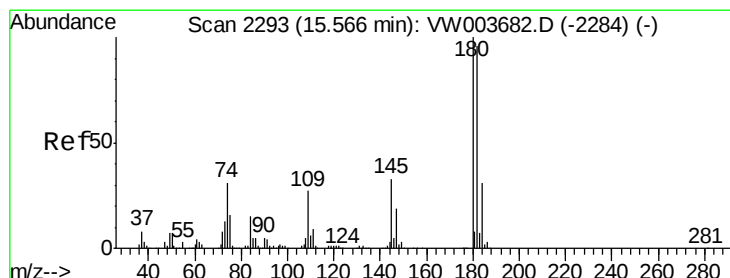
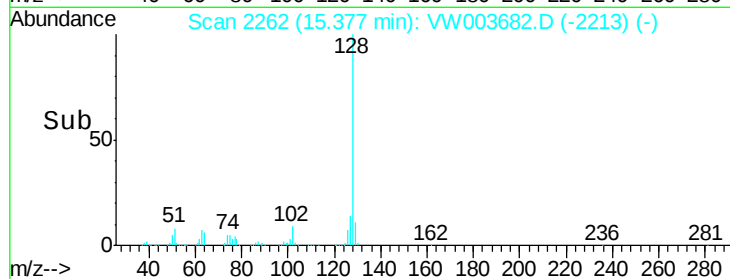
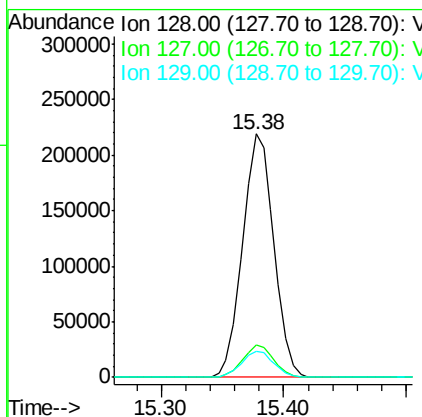
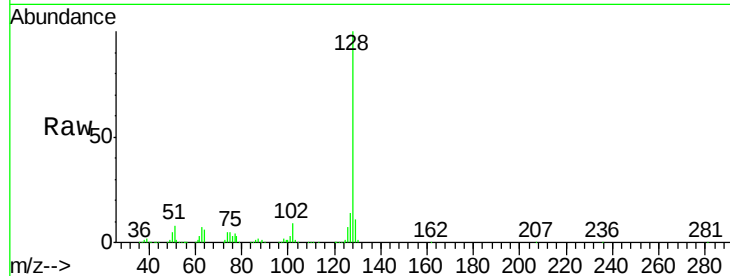
#95  
Naphthalene  
Concen: 56.26 ug/l  
RT: 15.38 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.2  | 10.6  | 15.8  |
| 129     | 11.0  | 8.8   | 13.2  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 51.23 ug/l  
RT: 15.57 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: VW003682.D  
Acq: 02 Jul 2018 17:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 47.8  | 143.3 |
| 145     | 31.8  | 15.9  | 47.7  |

