

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011719\  
 Data File : VW008326.D  
 Acq On : 17 Jan 2019 14:05  
 Operator : SY/VA  
 Sample : VSTDICCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 1/18/2019 2:09:39 PM

Quant Time: Jan 18 00:42:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W011719S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 18 00:24:44 2019  
 Response via : Initial Calibration

| Internal Standards            | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|-------------------------------|--------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene         | 7.95   | 168  | 108552   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.84   | 114  | 177531   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 11.63  | 117  | 164398   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.56  | 152  | 83852    | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4     | 8.31   | 65   | 58034    | 51.39   | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 |      | Recovery | =       | 102.78% |          |
| 35) Dibromofluoromethane      | 7.88   | 113  | 57971    | 51.16   | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 |      | Recovery | =       | 102.32% |          |
| 50) Toluene-d8                | 10.32  | 98   | 233585   | 52.47   | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 |      | Recovery | =       | 104.94% |          |
| 62) 4-Bromofluorobenzene      | 12.62  | 95   | 82509    | 51.67   | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 |      | Recovery | =       | 103.34% |          |
| Target Compounds              |        |      |          |         |         |          |
|                               |        |      |          |         | Qvalue  |          |
| 2) Dichlorodifluoromethane    | 2.01   | 85   | 35455    | 51.836  | ug/l    | 100      |
| 3) Chloromethane              | 2.21   | 50   | 45668    | 45.547  | ug/l    | 100      |
| 4) Vinyl Chloride             | 2.37   | 62   | 61818    | 48.254  | ug/l    | 100      |
| 5) Bromomethane               | 2.78   | 94   | 46661    | 48.061  | ug/l    | 100      |
| 6) Chloroethane               | 2.93   | 64   | 42566    | 50.762  | ug/l    | 100      |
| 7) Trichlorofluoromethane     | 3.26   | 101  | 47556    | 50.557  | ug/l    | 100      |
| 8) Diethyl Ether              | 3.68   | 74   | 32704    | 50.138  | ug/l    | 100      |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06   | 101  | 54058    | 49.362  | ug/l    | 100      |
| 10) Methyl Iodide             | 4.26   | 142  | 91395    | 51.746  | ug/l    | 100      |
| 11) Tert butyl alcohol        | 5.17   | 59   | 18621    | 238.558 | ug/l    | 100      |
| 12) 1,1-Dichloroethene        | 4.03   | 96   | 55749    | 50.052  | ug/l    | 100      |
| 13) Acrolein                  | 3.89   | 56   | 22865    | 341.029 | ug/l    | 100      |
| 14) Allyl chloride            | 4.66   | 41   | 96142    | 51.632  | ug/l    | 100      |
| 15) Acrylonitrile             | 5.37   | 53   | 65030    | 259.534 | ug/l    | 100      |
| 16) Acetone                   | 4.12   | 43   | 66780    | 254.653 | ug/l    | 100      |
| 17) Carbon Disulfide          | 4.37   | 76   | 179174   | 52.865  | ug/l    | 100      |
| 18) Methyl Acetate            | 4.67   | 43   | 33881    | 48.367  | ug/l    | 100      |
| 19) Methyl tert-butyl Ether   | 5.42   | 73   | 90749    | 53.224  | ug/l    | 100      |
| 20) Methylene Chloride        | 4.90   | 84   | 64126    | 46.050  | ug/l    | 100      |
| 21) trans-1,2-Dichloroethene  | 5.42   | 96   | 64103    | 51.242  | ug/l    | 100      |
| 22) Diisopropyl ether         | 6.31   | 45   | 196974   | 54.183  | ug/l    | 100      |
| 23) Vinyl Acetate             | 6.25   | 43   | 533134   | 274.350 | ug/l    | 100      |
| 24) 1,1-Dichloroethane        | 6.21   | 63   | 113076   | 51.085  | ug/l    | 100      |
| 25) 2-Butanone                | 7.17   | 43   | 87266    | 259.815 | ug/l    | 100      |
| 26) 2,2-Dichloropropane       | 7.17   | 77   | 70427    | 49.858  | ug/l    | 100      |
| 27) cis-1,2-Dichloroethene    | 7.17   | 96   | 70062    | 51.692  | ug/l    | 100      |
| 28) Bromochloromethane        | 7.51   | 49   | 47816    | 52.433  | ug/l #  | 100      |
| 29) Tetrahydrofuran           | 7.52   | 42   | 55576    | 265.417 | ug/l    | 100      |
| 30) Chloroform                | 7.67   | 83   | 114421   | 52.246  | ug/l    | 100      |
| 31) Cyclohexane               | 7.95   | 56   | 101398   | 48.079  | ug/l    | 100      |
| 32) 1,1,1-Trichloroethane     | 7.87   | 97   | 92586    | 50.373  | ug/l    | 100      |
| 36) 1,1-Dichloropropene       | 8.08   | 75   | 91295    | 51.114  | ug/l    | 100      |
| 37) Ethyl Acetate             | 7.25   | 43   | 35761    | 48.552  | ug/l    | 100      |
| 38) Carbon Tetrachloride      | 8.07   | 117  | 87752    | 49.754  | ug/l    | 100      |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

MMDadoda  
 1/18/2019 2:09:39 PM

Quant Time: Jan 18 00:42:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W011719S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 18 00:24:44 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 110607   | 52.061  | ug/l  | 100      |
| 40) Benzene                    | 8.32  | 78   | 259648   | 51.319  | ug/l  | 100      |
| 41) Methacrylonitrile          | 7.48  | 41   | 22374    | 52.181  | ug/l  | 100      |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 72943    | 51.558  | ug/l  | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 72344    | 51.998  | ug/l  | 100      |
| 44) Trichloroethene            | 9.09  | 130  | 71722    | 51.742  | ug/l  | 100      |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 63873    | 50.823  | ug/l  | 100      |
| 46) Dibromomethane             | 9.46  | 93   | 32942    | 50.292  | ug/l  | 100      |
| 47) Bromodichloromethane       | 9.65  | 83   | 84422    | 52.251  | ug/l  | 100      |
| 48) Methyl methacrylate        | 9.44  | 41   | 35090    | 53.576  | ug/l  | 100      |
| 49) 1,4-Dioxane                | 9.45  | 88   | 10299    | 976.720 | ug/l  | 100      |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 186184   | 264.282 | ug/l  | 100      |
| 52) Toluene                    | 10.39 | 92   | 167220   | 52.226  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 10.60 | 75   | 86087    | 53.385  | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 100954   | 53.107  | ug/l  | 100      |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 46784    | 51.495  | ug/l  | 100      |
| 56) Ethyl methacrylate         | 10.65 | 69   | 58061    | 54.417  | ug/l  | 100      |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 82414    | 52.245  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 141536   | 275.011 | ug/l  | 100      |
| 59) 2-Hexanone                 | 10.97 | 43   | 134078   | 271.627 | ug/l  | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 56943    | 52.517  | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 46485    | 52.839  | ug/l  | 100      |
| 64) Tetrachloroethene          | 10.87 | 164  | 58816    | 51.023  | ug/l  | 100      |
| 65) Chlorobenzene              | 11.66 | 112  | 185188   | 51.643  | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 63972    | 51.834  | ug/l  | 100      |
| 67) Ethyl Benzene              | 11.73 | 91   | 324728   | 52.154  | ug/l  | 100      |
| 68) m/p-Xylenes                | 11.84 | 106  | 255685   | 105.799 | ug/l  | 100      |
| 69) o-Xylene                   | 12.17 | 106  | 119981   | 53.140  | ug/l  | 100      |
| 70) Styrene                    | 12.18 | 104  | 194418   | 53.608  | ug/l  | 100      |
| 71) Bromoform                  | 12.35 | 173  | 32876    | 53.473  | ug/l  | 100      |
| 73) Isopropylbenzene           | 12.47 | 105  | 320484   | 52.455  | ug/l  | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 68231    | 52.112  | ug/l  | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 52822    | 50.829  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 38033m   | 46.659  | ug/l  |          |
| 77) Bromobenzene               | 12.75 | 156  | 75522    | 51.462  | ug/l  | 100      |
| 78) n-propylbenzene            | 12.81 | 91   | 388053   | 52.475  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 218392   | 51.688  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 266940   | 52.358  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 16552    | 51.729  | ug/l  | 100      |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 227931   | 51.624  | ug/l  | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 236295   | 52.658  | ug/l  | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 268702   | 51.736  | ug/l  | 100      |
| 85) sec-Butylbenzene           | 13.39 | 105  | 333652   | 51.787  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 296062   | 52.613  | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 149252   | 51.187  | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 149506   | 51.179  | ug/l  | 100      |
| 89) n-Butylbenzene             | 13.83 | 91   | 284521   | 52.711  | ug/l  | 100      |
| 90) Hexachloroethane           | 14.10 | 117  | 52725    | 50.630  | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 133326   | 51.789  | ug/l  | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 8513     | 50.098  | ug/l  | 100      |

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

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W011719S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 18 00:24:44 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 92382    | 53.010 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 52028    | 52.973 | ug/l  | 100      |
| 95) Naphthalene            | 15.37 | 128  | 161988   | 55.626 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 79247    | 52.207 | ug/l  | 100      |

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

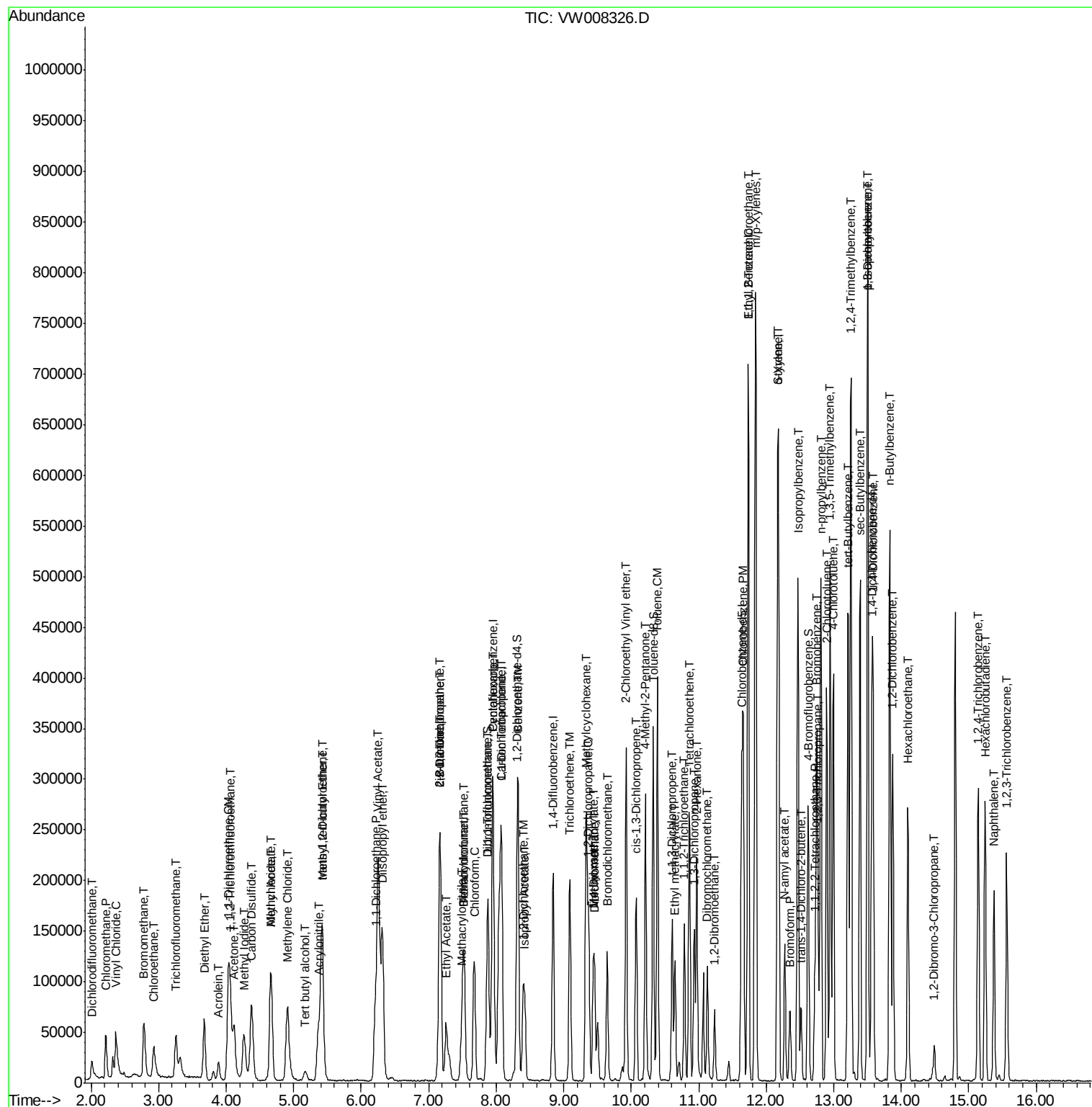
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 Data File : VW008326.D  
 Acq On : 17 Jan 2019 14:05  
 Operator : SY/VA  
 Sample : VSTDICCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

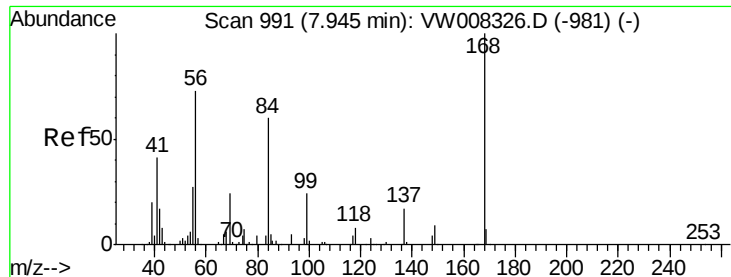
Instrument :  
 MSVOA\_W  
 Client Sample Id :  
 VSTDICCC050

Manual Integrations  
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 1/18/2019 2:09:39 PM

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 Quant Title : SW846 8260  
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 108552

Ion Ratio Lower Upper

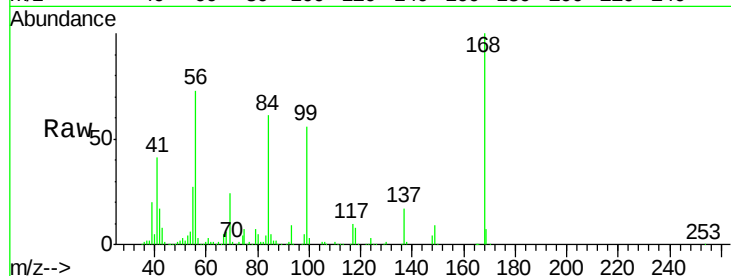
168 100

99 55.7 44.6 66.8

Manual Integrations  
APPROVED

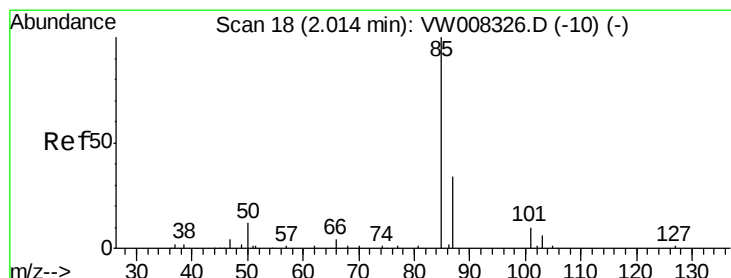
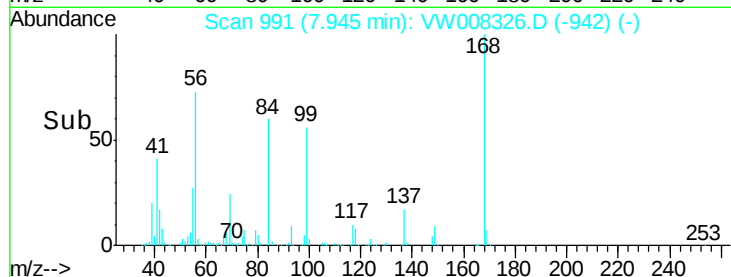
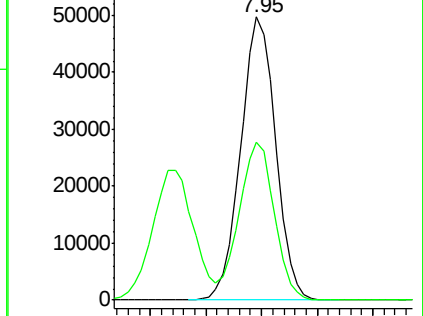
MMDadoda

1/18/2019 2:09:39 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 51.836 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW008326.D

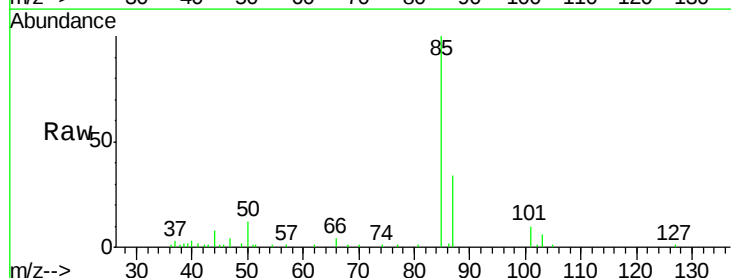
Acq: 17 Jan 2019 14:05

Tgt Ion: 85 Resp: 35455

Ion Ratio Lower Upper

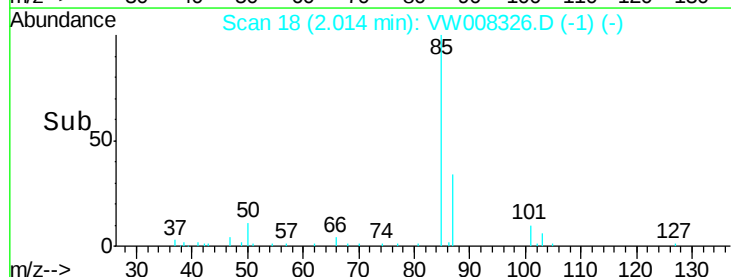
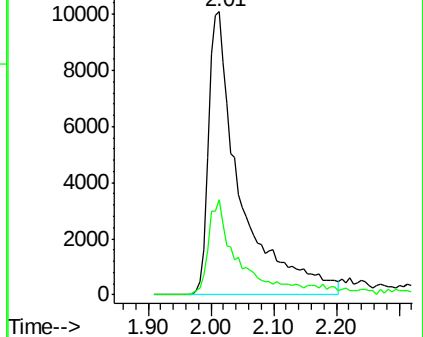
85 100

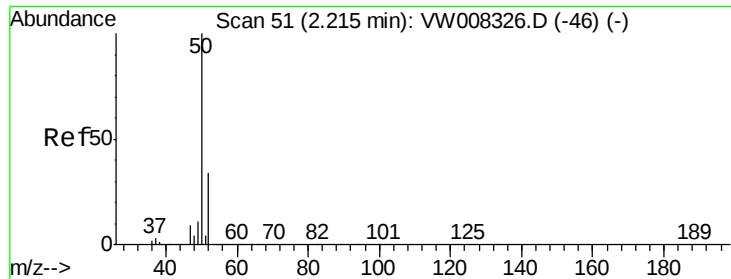
87 33.7 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.547 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 45668

Ion Ratio Lower Upper

50 100

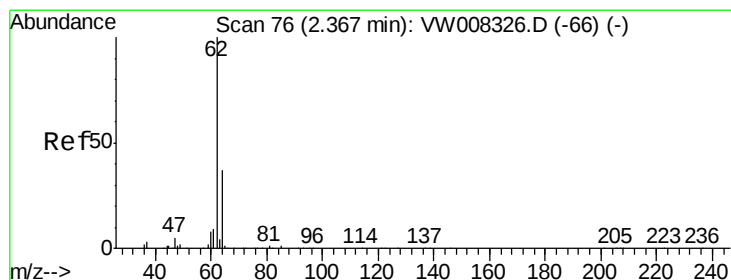
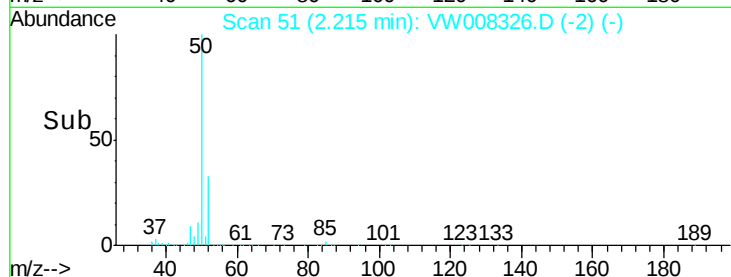
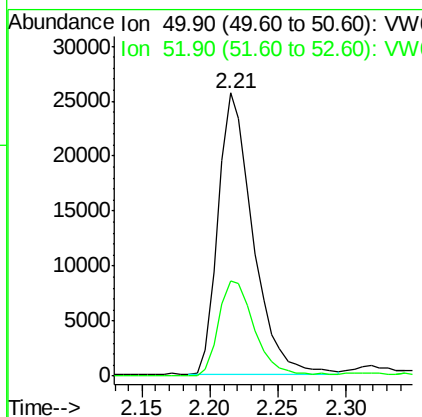
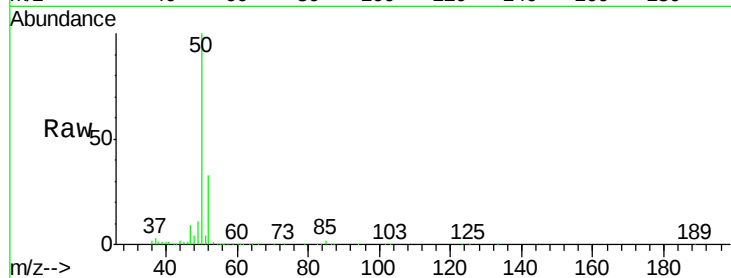
52 33.4 26.7 40.1

Manual Integrations

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1/18/2019 2:09:39 PM



#4

Vinyl Chloride

Concen: 48.254 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008326.D

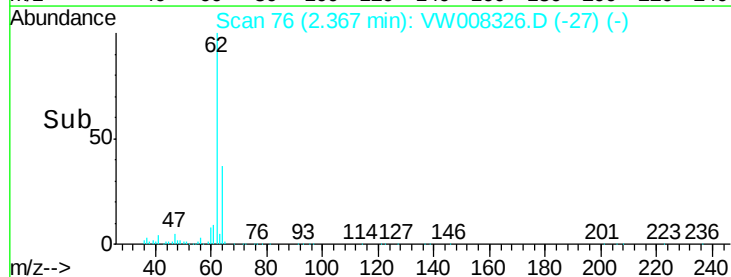
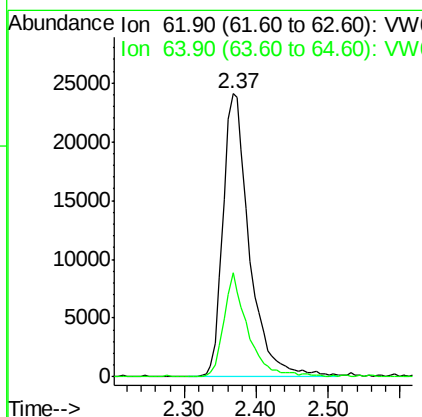
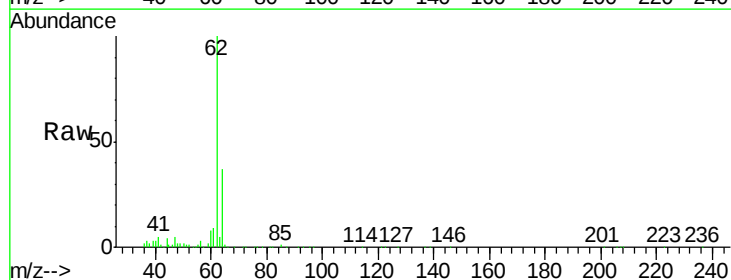
Acq: 17 Jan 2019 14:05

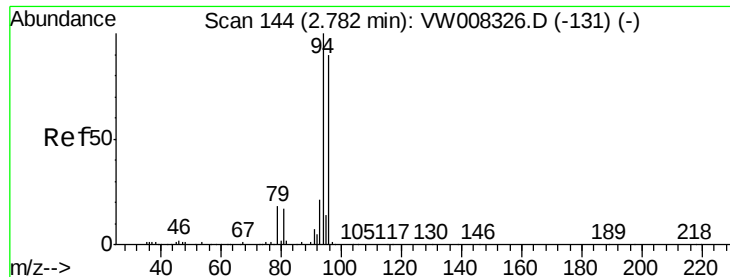
Tgt Ion: 62 Resp: 61818

Ion Ratio Lower Upper

62 100

64 36.8 29.4 44.2





#5

Bromomethane

Concen: 48.061 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 46661

Ion Ratio Lower Upper

94 100

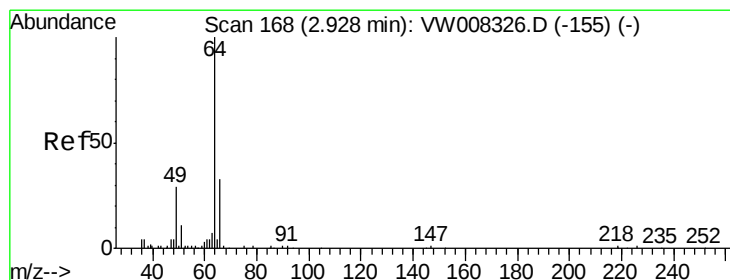
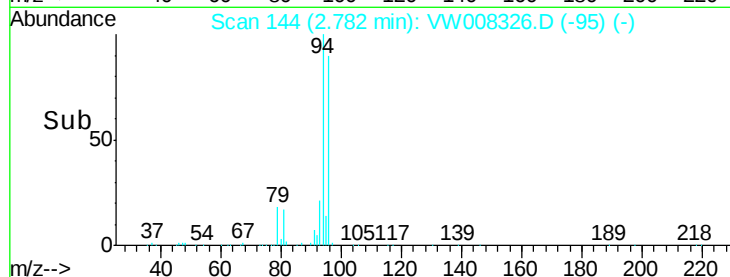
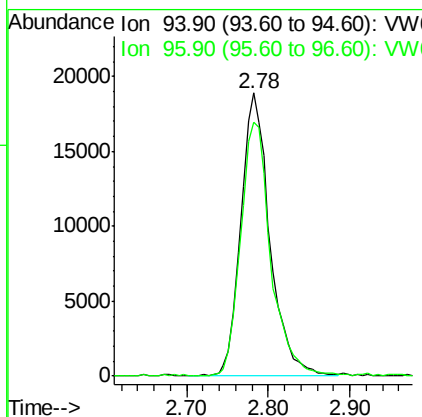
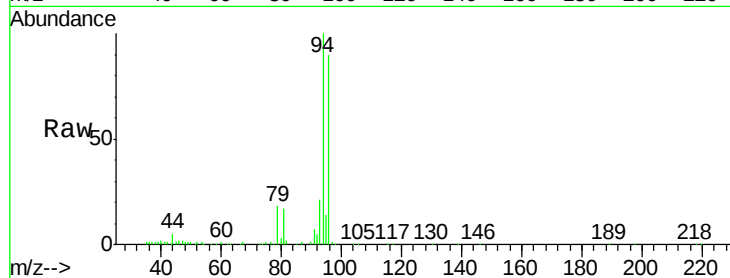
96 89.2 71.4 107.0

Manual Integrations

APPROVED

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#6

Chloroethane

Concen: 50.762 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW008326.D

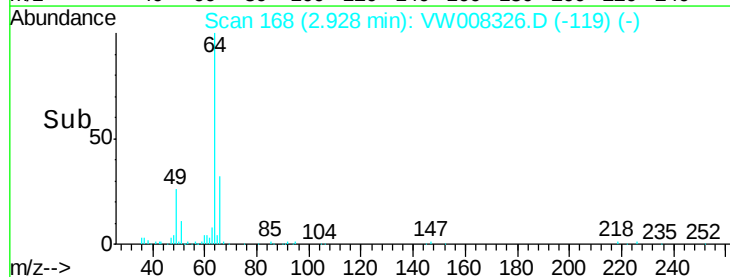
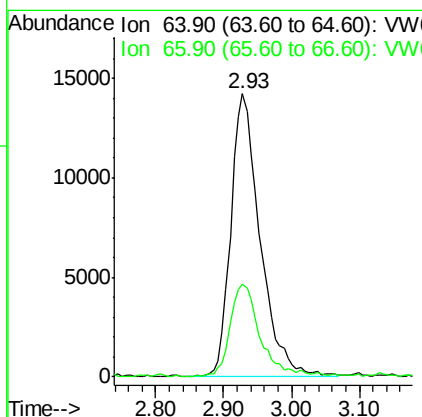
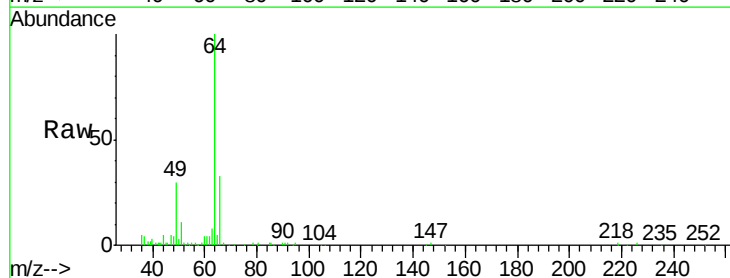
Acq: 17 Jan 2019 14:05

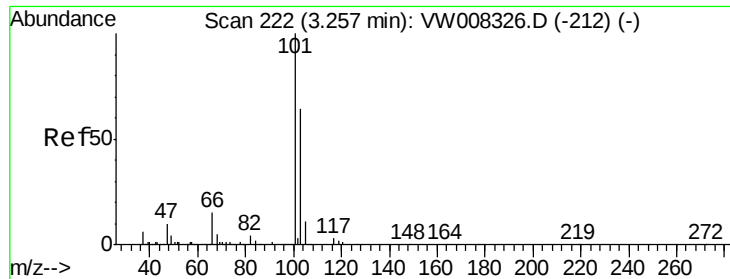
Tgt Ion: 64 Resp: 42566

Ion Ratio Lower Upper

64 100

66 32.8 26.2 39.4





#7

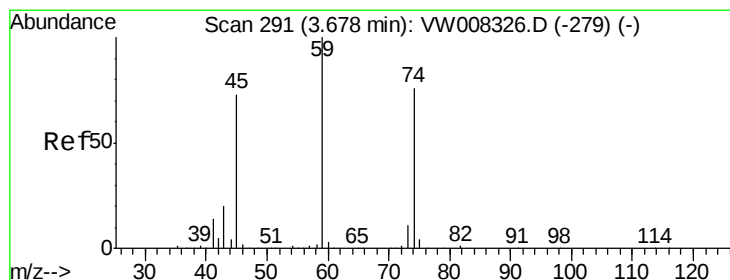
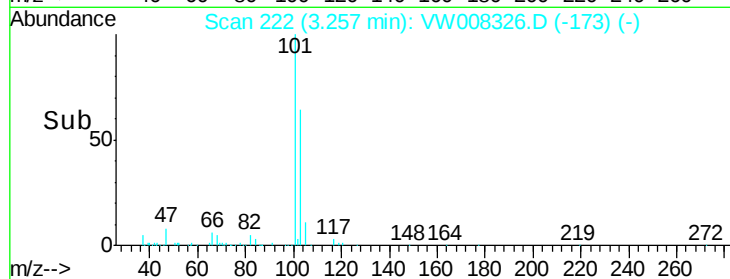
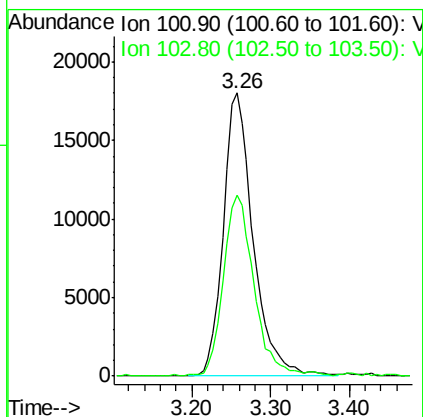
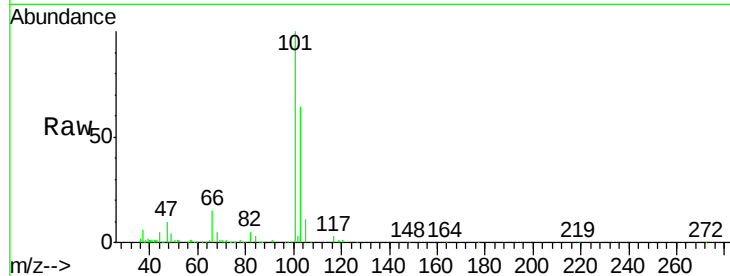
Trichlorofluoromethane  
 Concen: 50.557 ug/l  
 RT: 3.26 min Scan# 222  
 Delta R.T. 0.00 min  
 Lab File: VW008326.D  
 Acq: 17 Jan 2019 14:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.6  | 50.9  | 76.3  |

Manual Integrations  
 APPROVED

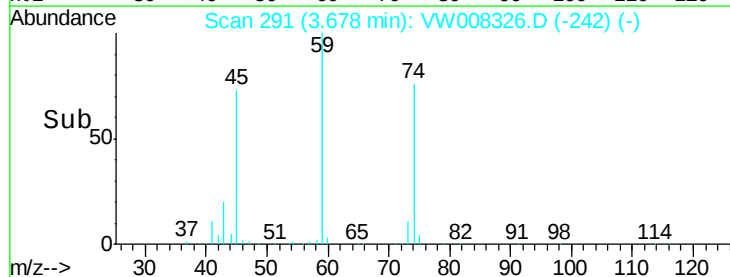
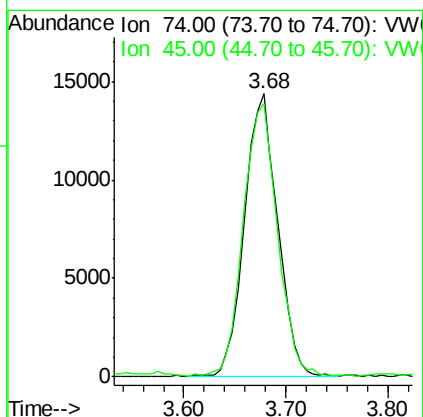
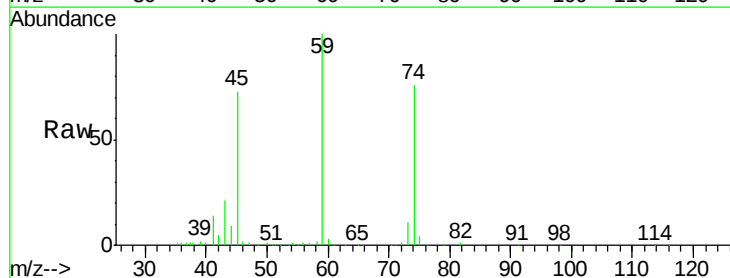
MMDadoda  
 1/18/2019 2:09:39 PM

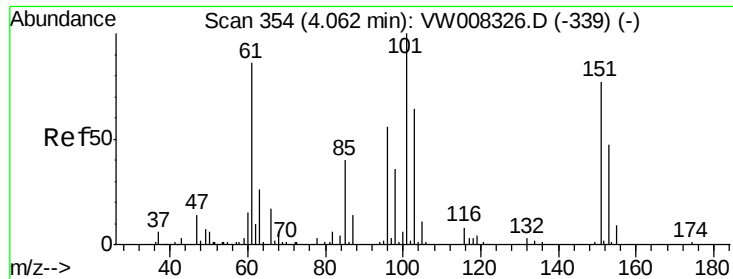


#8

Diethyl Ether  
 Concen: 50.138 ug/l  
 RT: 3.68 min Scan# 291  
 Delta R.T. 0.00 min  
 Lab File: VW008326.D  
 Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 100.2 | 50.1  | 150.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.362 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

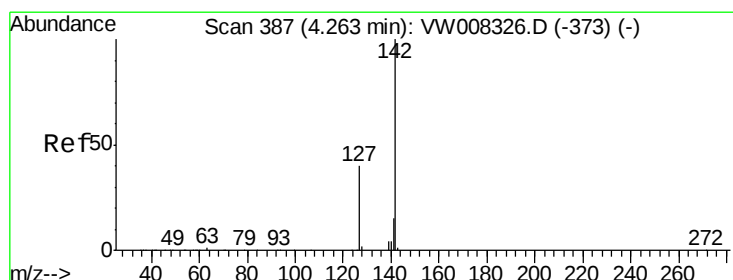
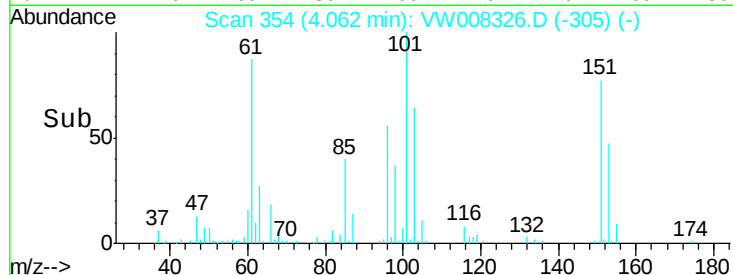
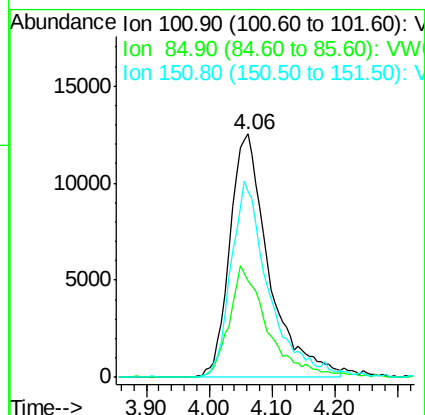
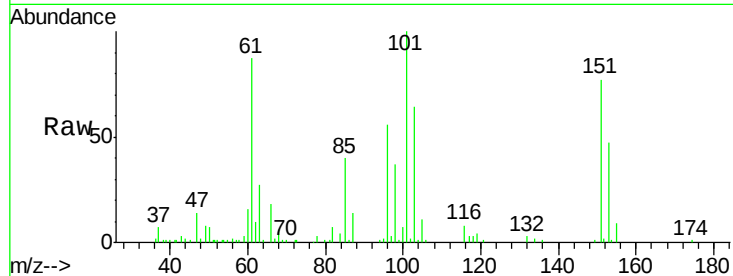
ClientSampleId :

VSTDICCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 54058 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 45.0  | 36.0  | 54.0  |
| 151       | 77.9  | 62.3  | 93.5  |

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#10

Methyl Iodide

Concen: 51.746 ug/l

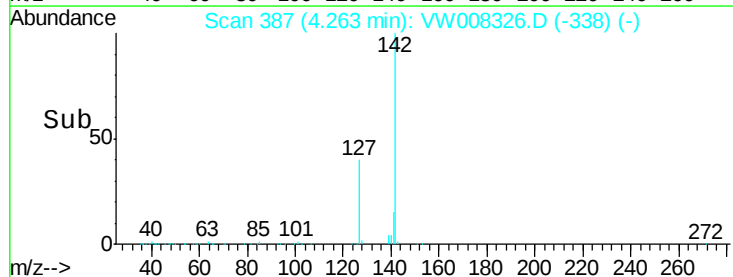
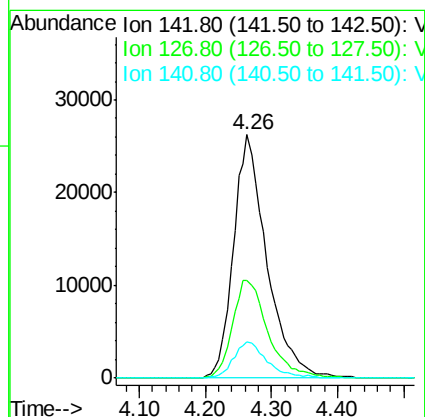
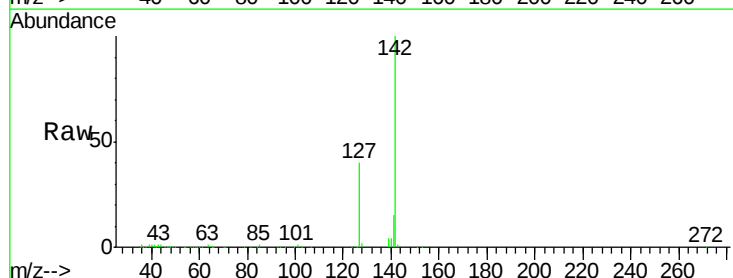
RT: 4.26 min Scan# 387

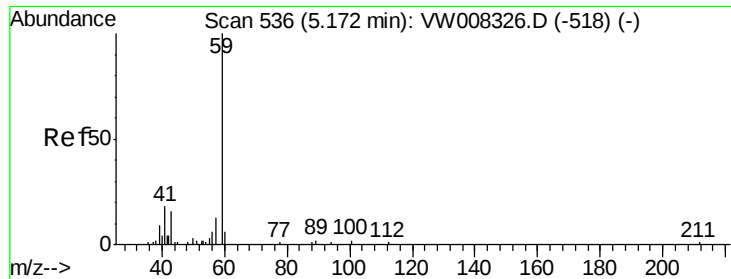
Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 91395 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 42.9  | 34.3  | 51.5  |
| 141       | 15.2  | 12.2  | 18.2  |





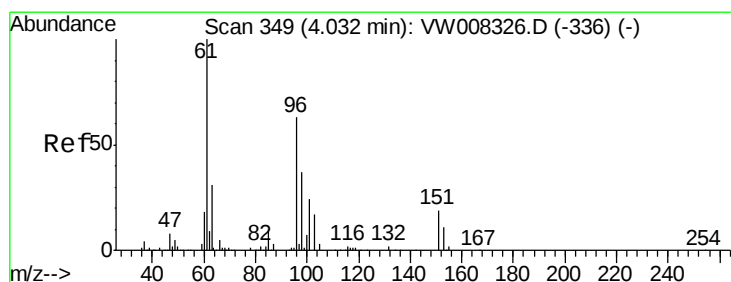
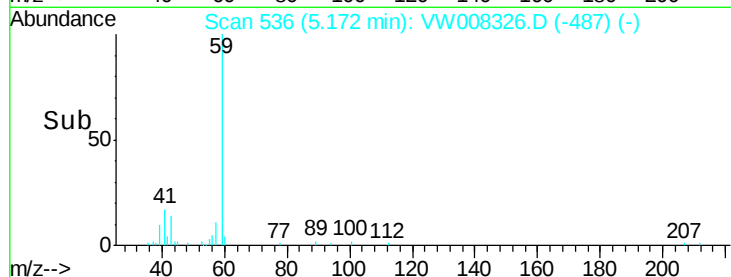
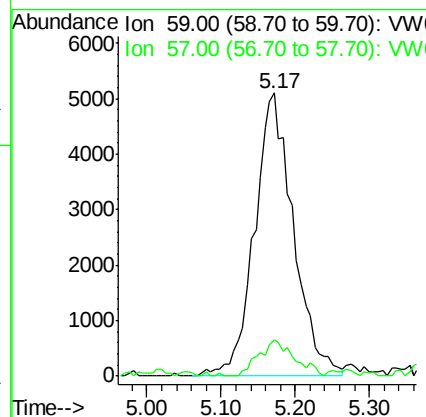
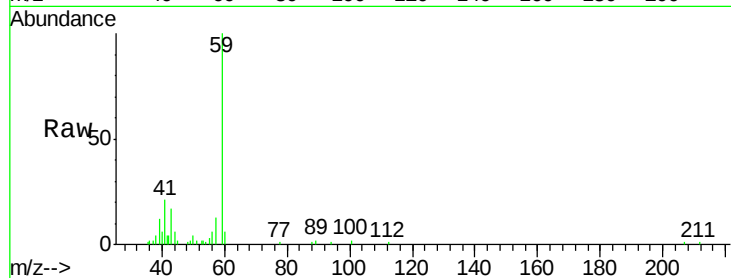
#11  
Tert butyl alcohol  
Concen: 238.558 ug/l  
RT: 5.17 min Scan# 536  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 11.8  | 9.4   | 14.2  |

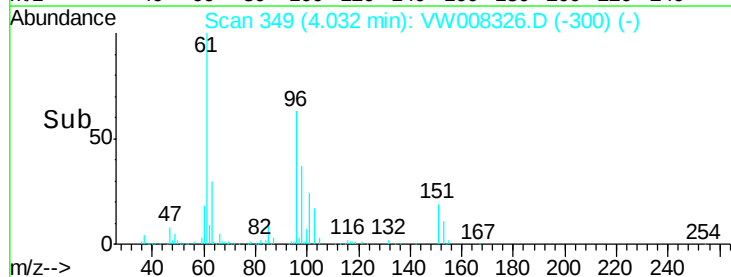
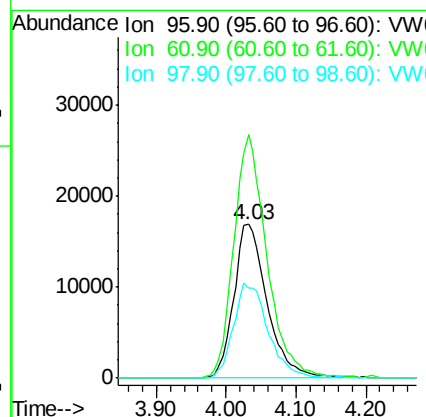
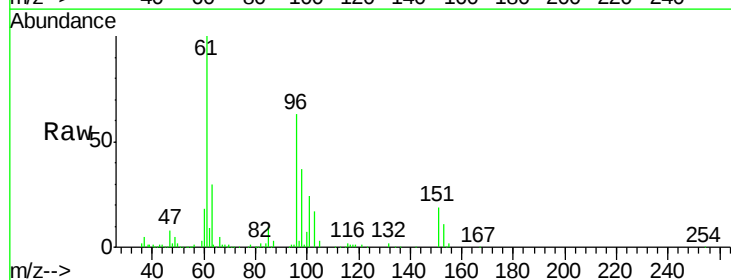
Manual Integrations  
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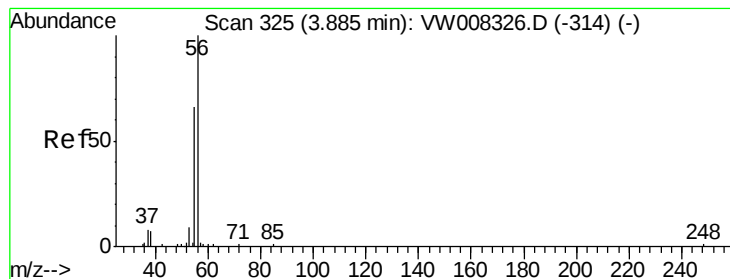
MMDadoda  
1/18/2019 2:09:39 PM



#12  
1,1-Dichloroethene  
Concen: 50.052 ug/l  
RT: 4.03 min Scan# 349  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 158.0 | 126.4 | 189.6 |
| 98      | 58.4  | 46.7  | 70.1  |





#13

Acrolein

Concen: 341.029 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 22865

Ion Ratio Lower Upper

56 100

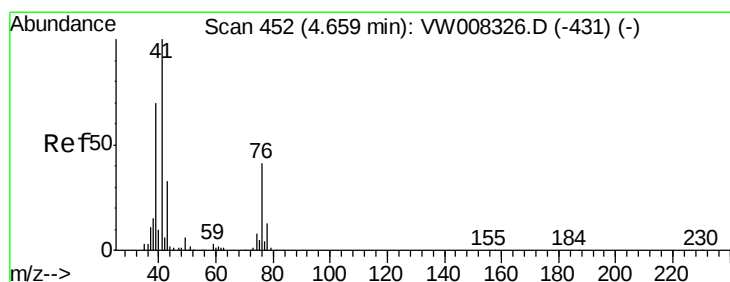
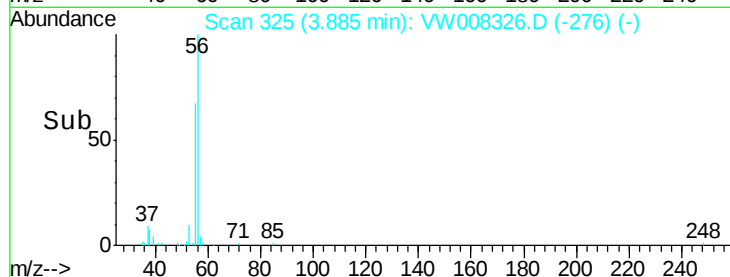
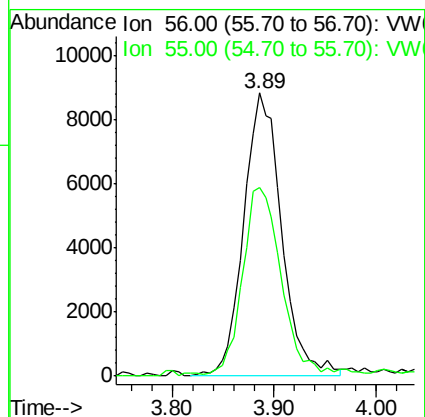
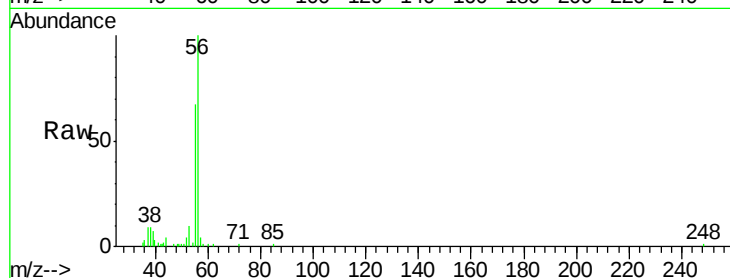
55 66.1 52.9 79.3

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#14

Allyl chloride

Concen: 51.632 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

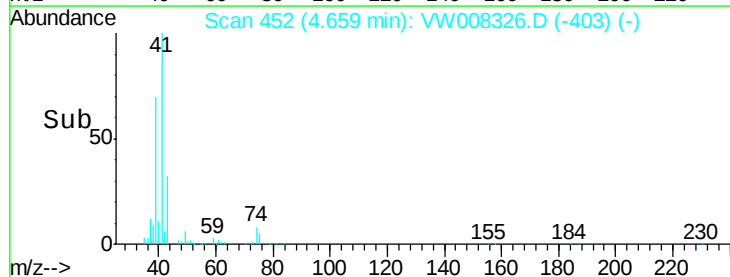
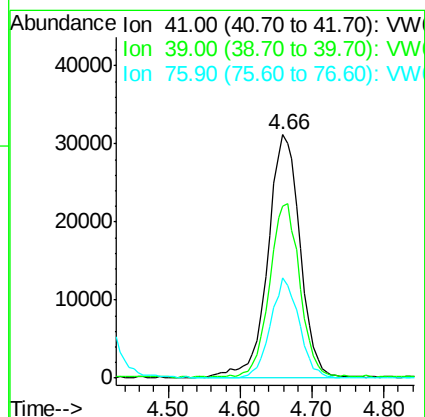
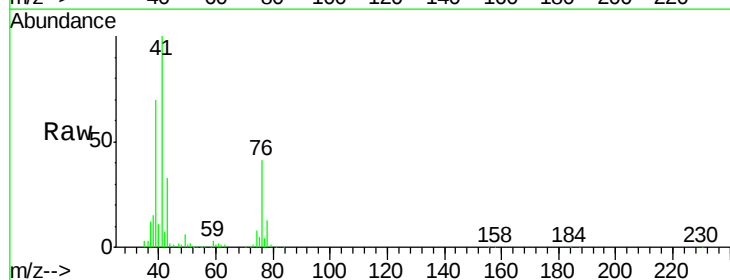
Tgt Ion: 41 Resp: 96142

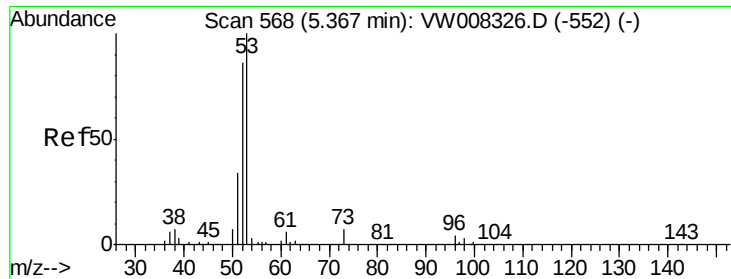
Ion Ratio Lower Upper

41 100

39 67.6 54.1 81.1

76 36.9 29.5 44.3





#15

Acrylonitrile

Concen: 259.534 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

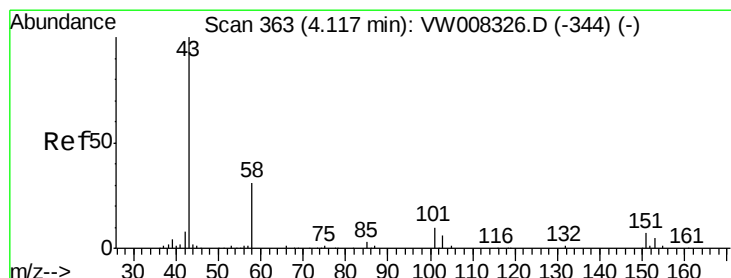
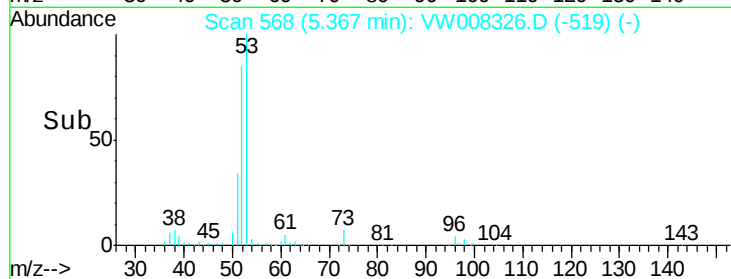
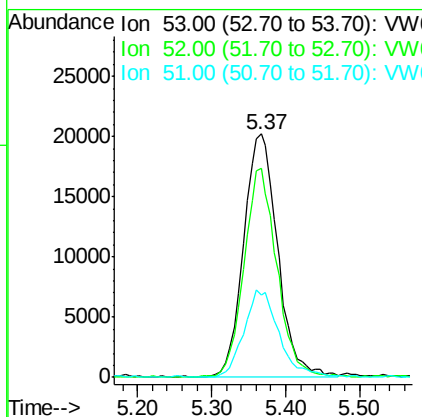
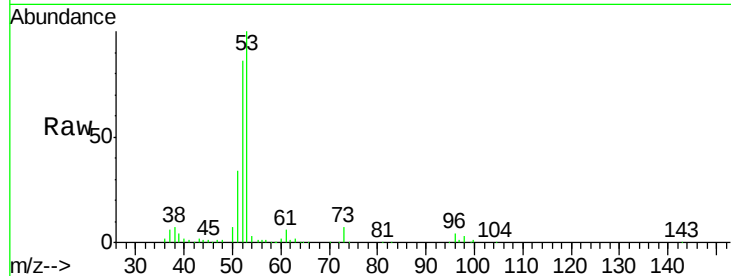
ClientSampleId :

VSTDICCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 65030 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.0  | 66.4  | 99.6  |
| 51       | 37.0  | 29.6  | 44.4  |

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#16

Acetone

Concen: 254.653 ug/l

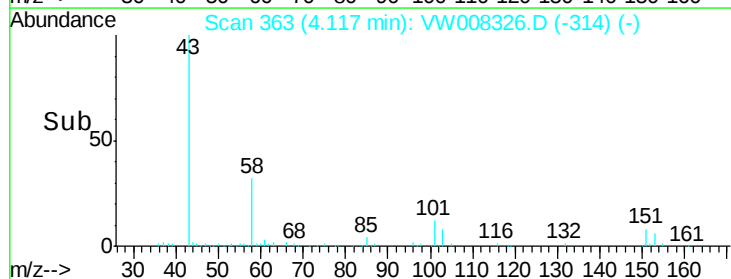
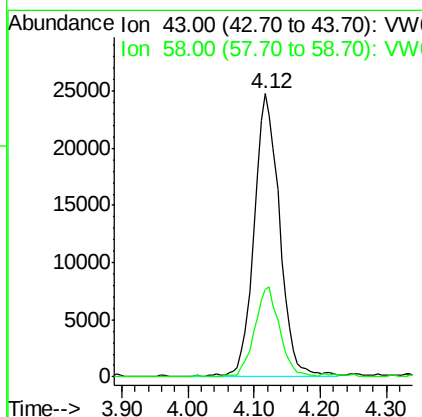
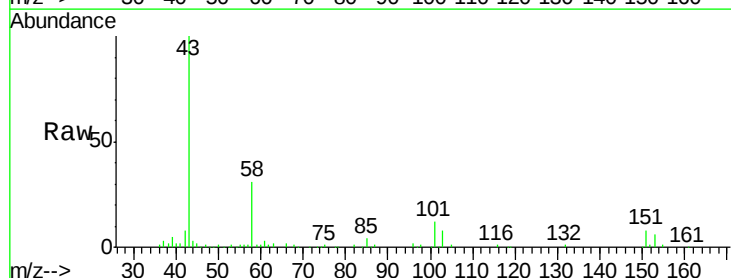
RT: 4.12 min Scan# 363

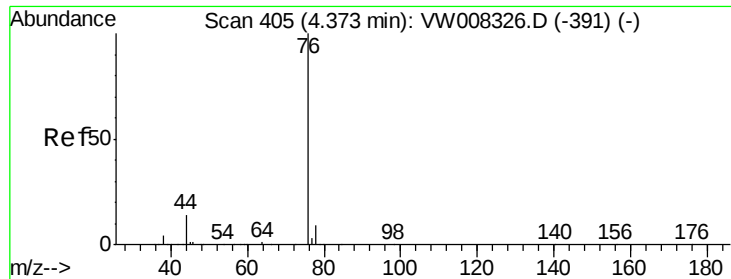
Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 66780 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 30.9  | 24.7  | 37.1  |





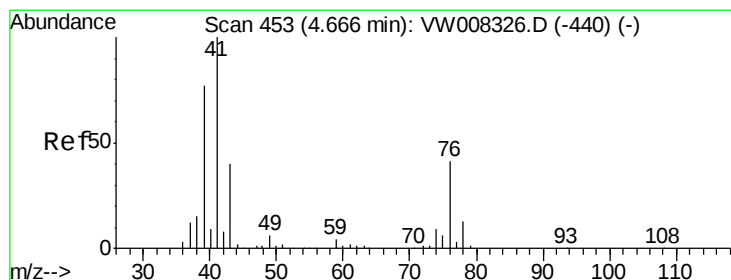
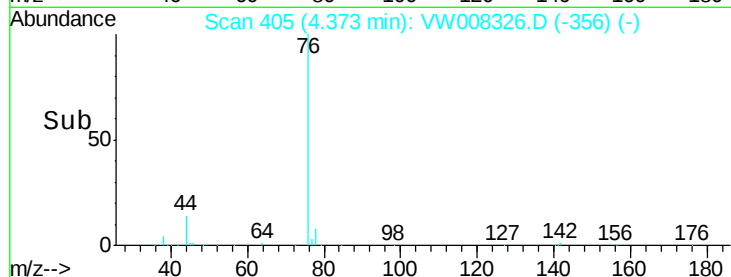
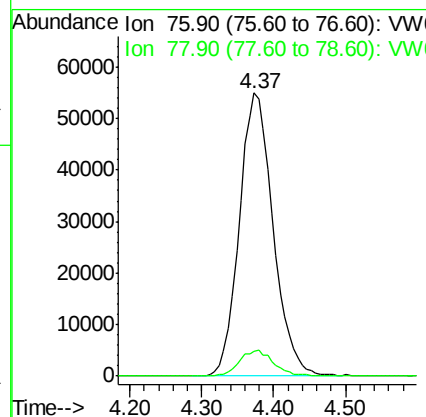
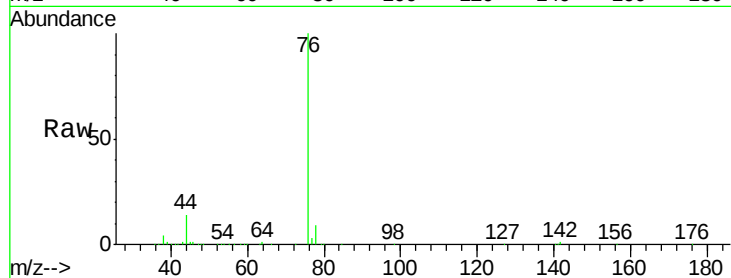
#17  
Carbon Disulfide  
Concen: 52.865 ug/l  
RT: 4.37 min Scan# 405  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.7   | 7.0   | 10.4  |

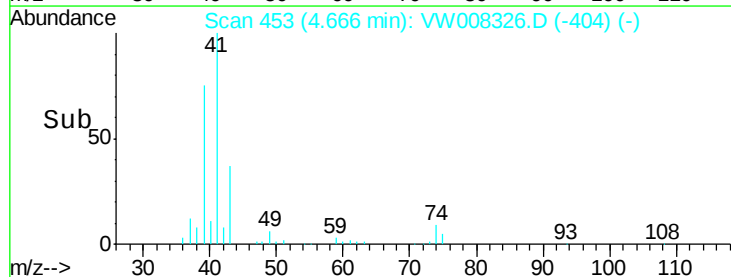
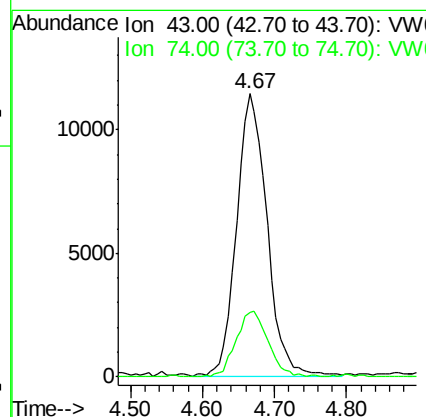
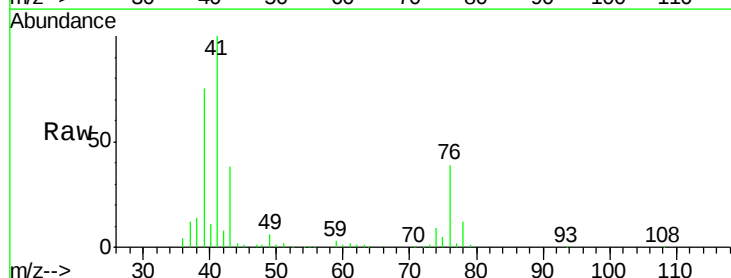
Manual Integrations  
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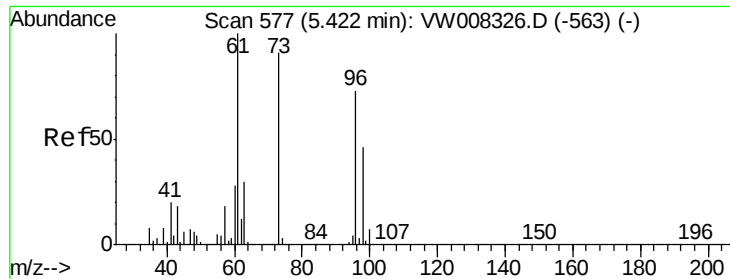
MMDadoda  
1/18/2019 2:09:39 PM



#18  
Methyl Acetate  
Concen: 48.367 ug/l  
RT: 4.67 min Scan# 453  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.2  | 19.4  | 29.0  |





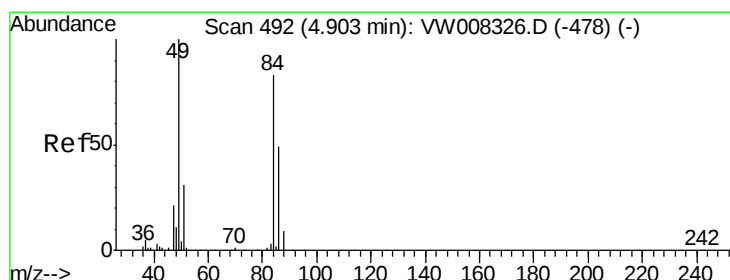
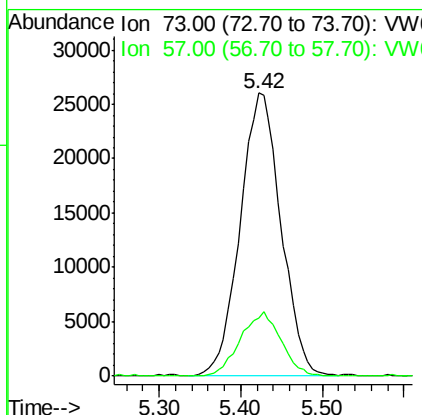
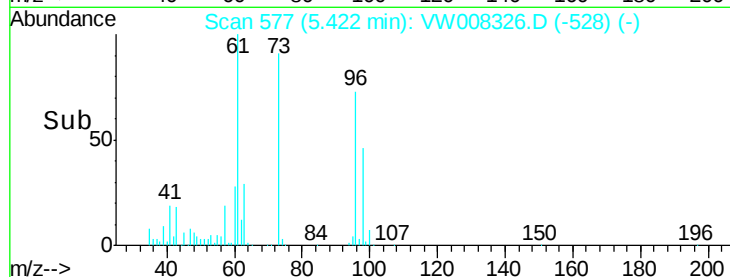
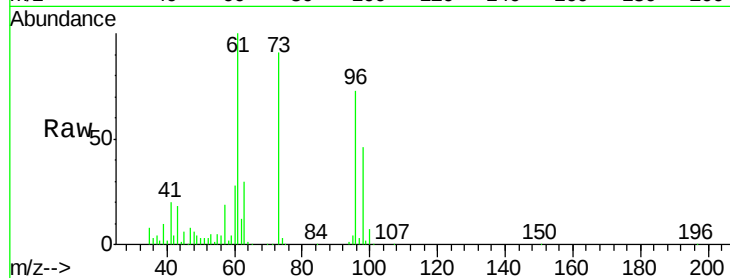
#19  
Methvl tert-butvl Ether  
Concen: 53.224 ug/l  
RT: 5.42 min Scan# 577  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

Tot Ion: 73 Resp: 90749  
Ion Ratio Lower Upper  
73 100  
57 20.4 16.3 24.5

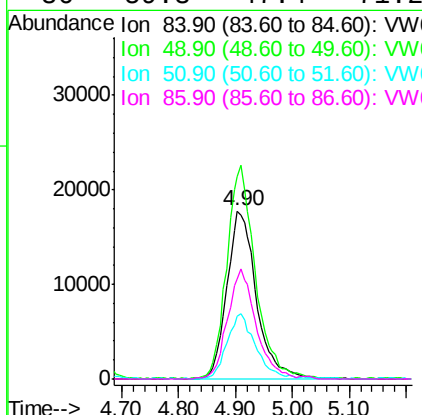
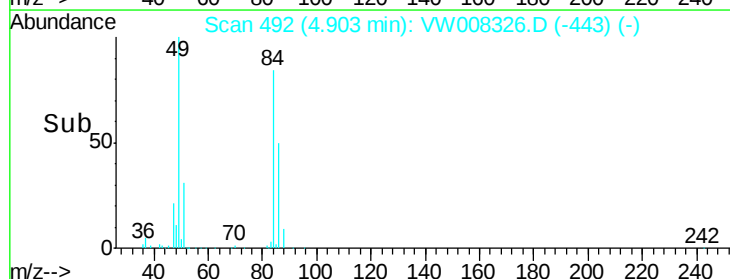
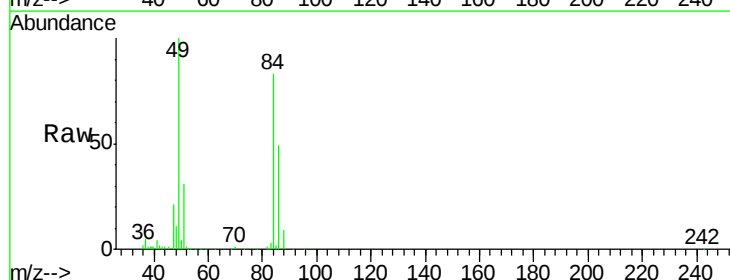
Manual Integrations  
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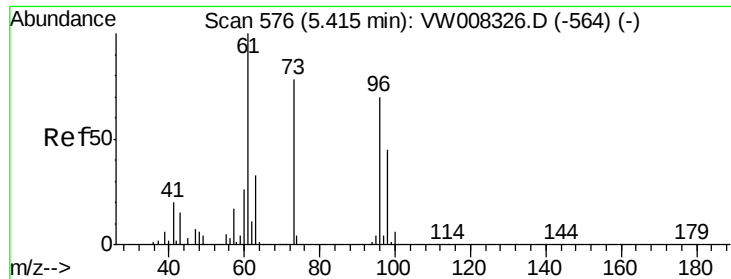
MMDadoda  
1/18/2019 2:09:39 PM



#20  
Methylene Chloride  
Concen: 46.050 ug/l  
RT: 4.90 min Scan# 492  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Tgt Ion: 84 Resp: 64126  
Ion Ratio Lower Upper  
84 100  
49 119.9 95.9 143.9  
51 36.6 29.3 43.9  
86 59.3 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 51.242 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

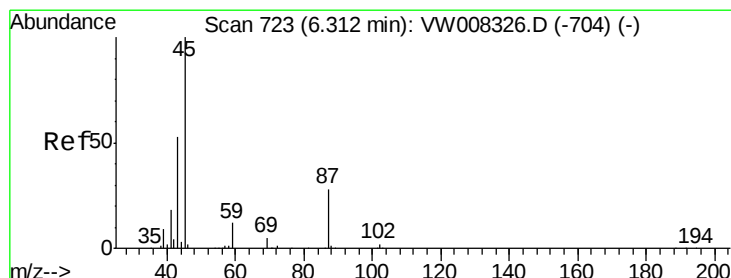
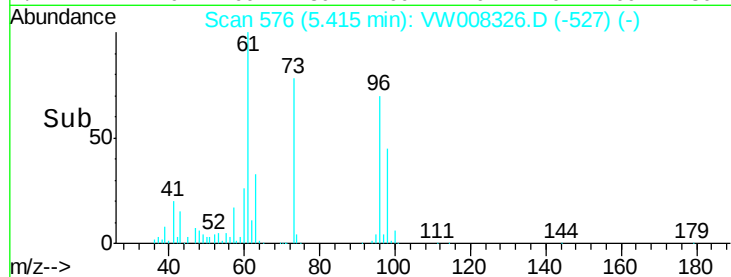
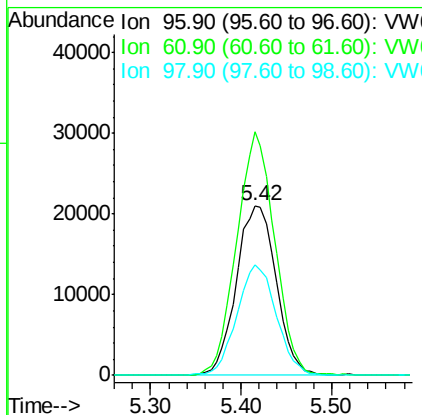
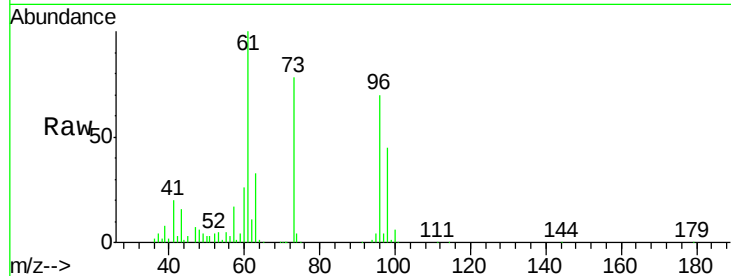
ClientSampleId :

VSTDICCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 64103 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 143.1 | 114.5 | 171.7 |
| 98       | 65.0  | 52.0  | 78.0  |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 54.183 ug/l

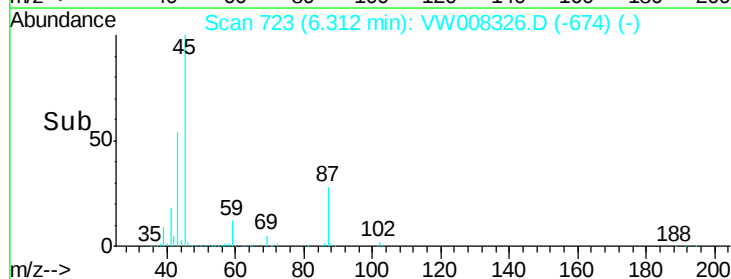
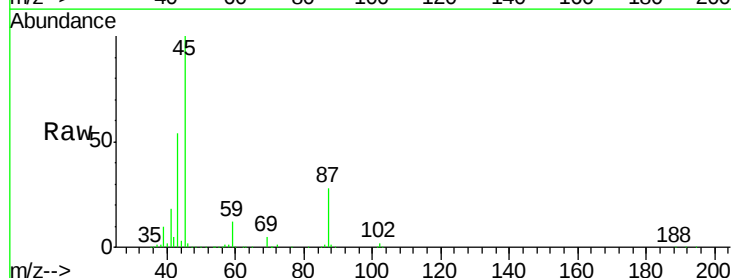
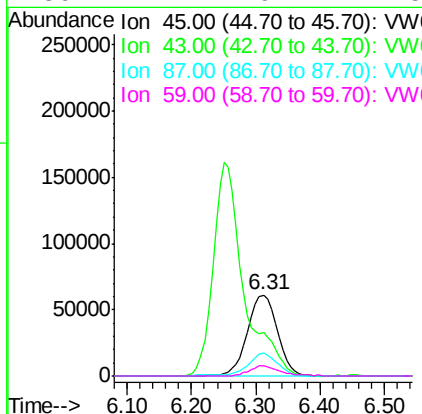
RT: 6.31 min Scan# 723

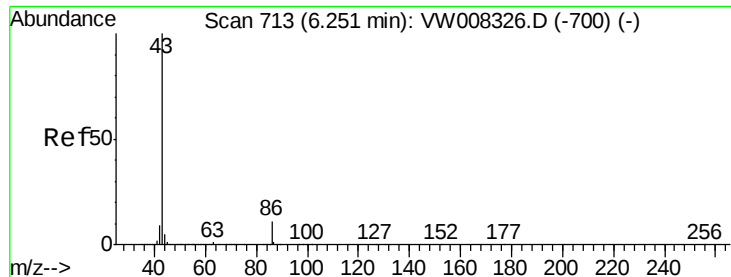
Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 196974 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 53.1  | 42.5  | 63.7   |
| 87       | 27.7  | 22.2  | 33.2   |
| 59       | 12.1  | 9.7   | 14.5   |





#23

Vinyl Acetate

Concen: 274.350 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Tot Ion: 43 Resp: 533134

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0

Instrument :

MSVOA\_W

ClientSampleId :

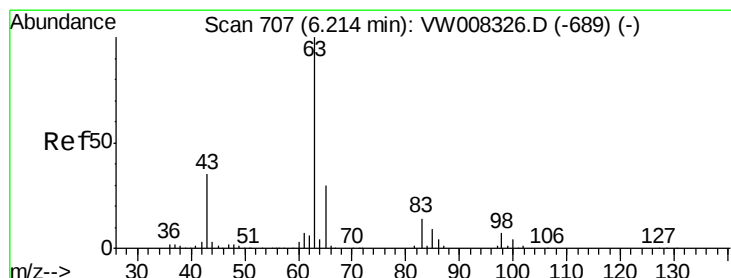
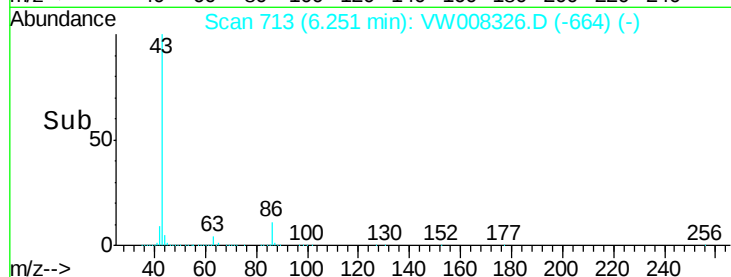
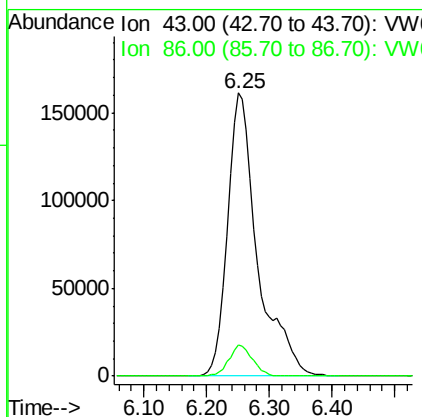
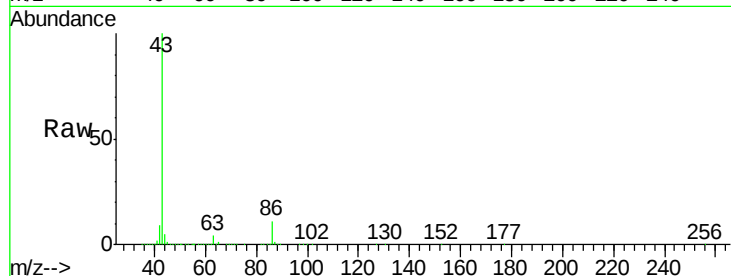
VSTDICCC050

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.085 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

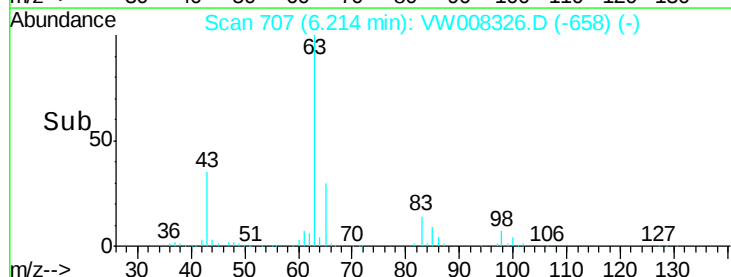
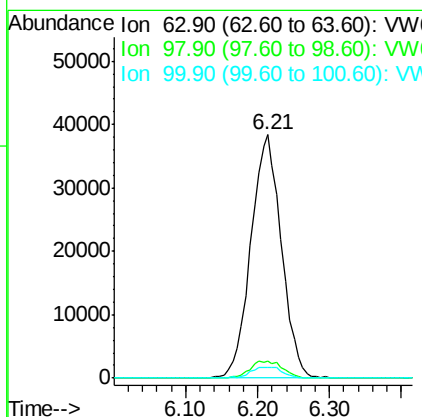
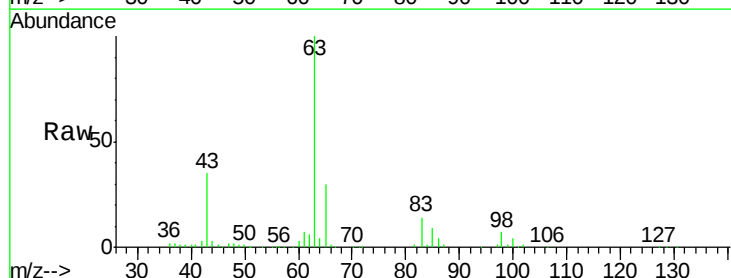
Tgt Ion: 63 Resp: 113076

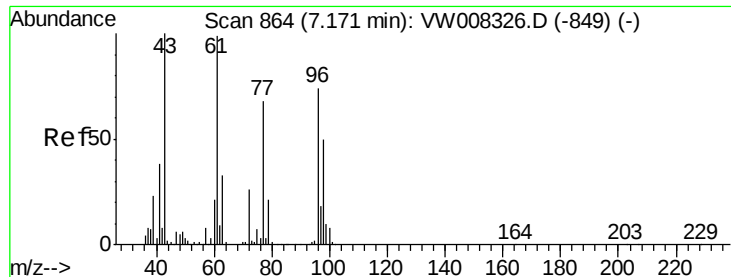
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 259.815 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 87266

Ion Ratio Lower Upper

43 100

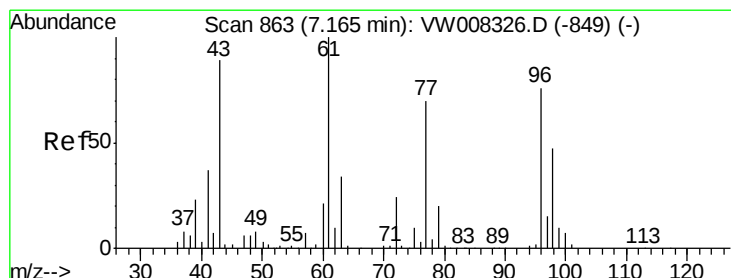
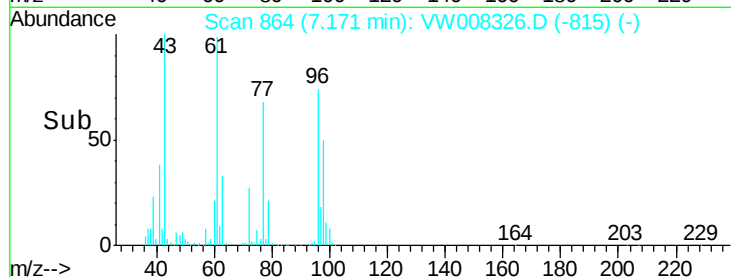
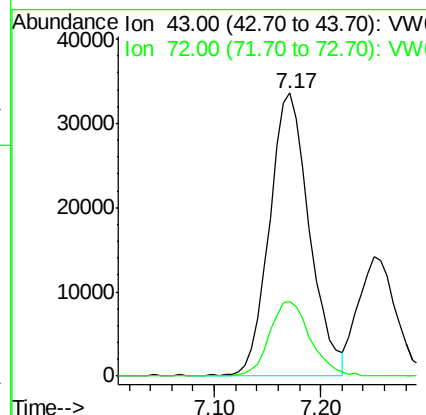
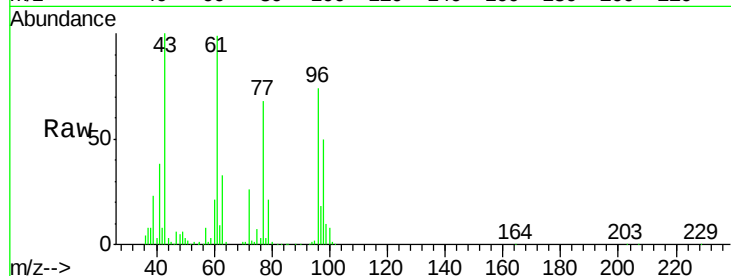
72 26.5 21.2 31.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.858 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008326.D

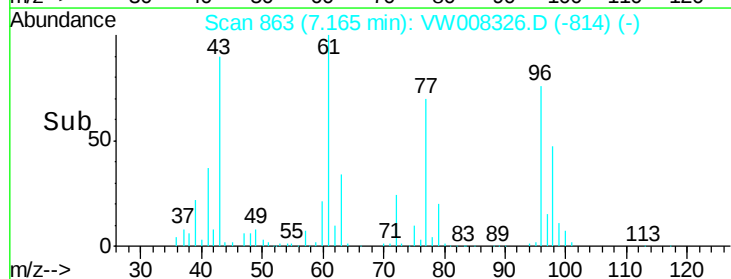
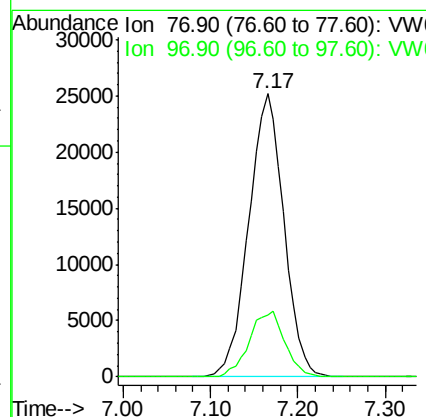
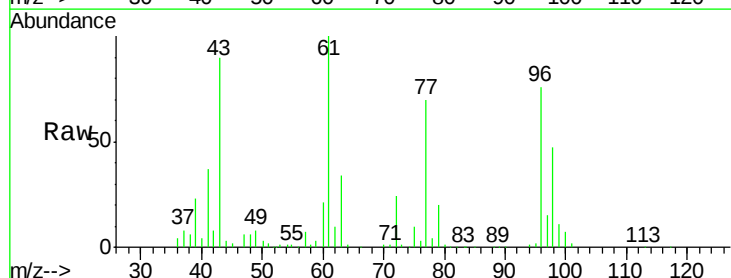
Acq: 17 Jan 2019 14:05

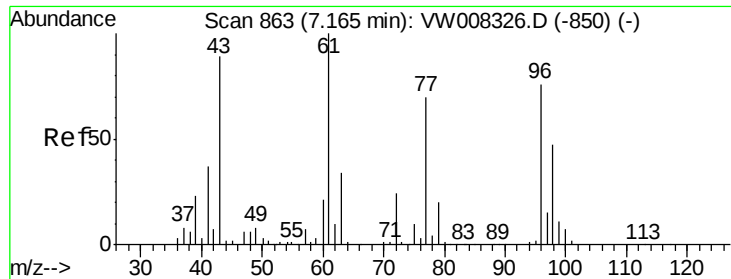
Tgt Ion: 77 Resp: 70427

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1





#27

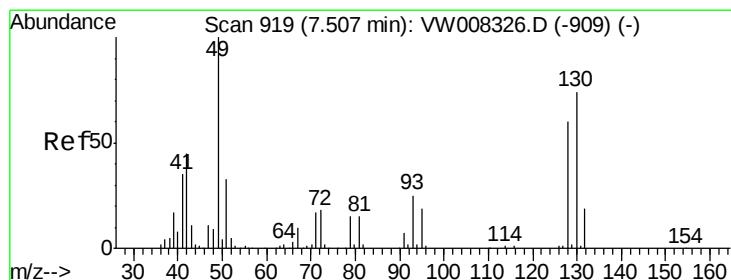
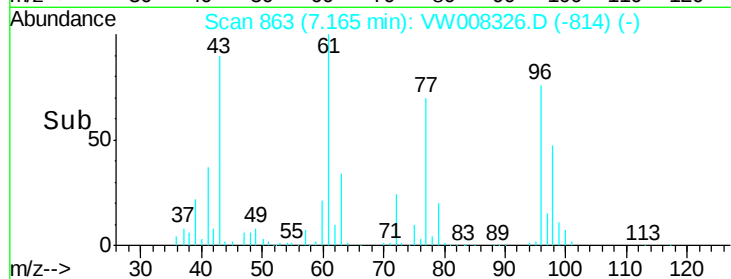
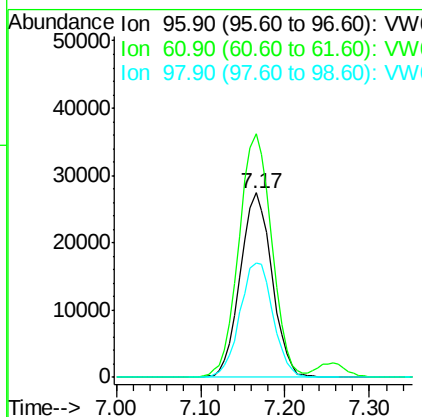
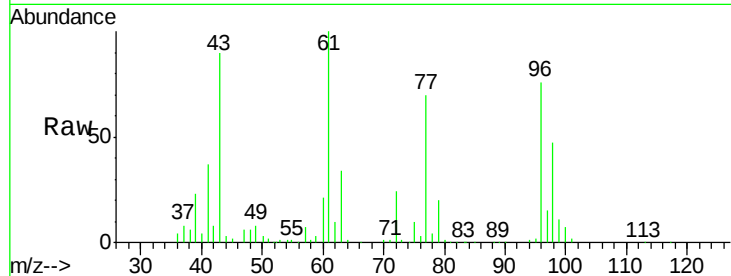
cis-1,2-Dichloroethene  
Concen: 51.692 ug/l  
RT: 7.17 min Scan# 863  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 136.1 | 0.0   | 272.2 |
| 98      | 64.7  | 0.0   | 129.4 |

Manual Integrations  
APPROVED

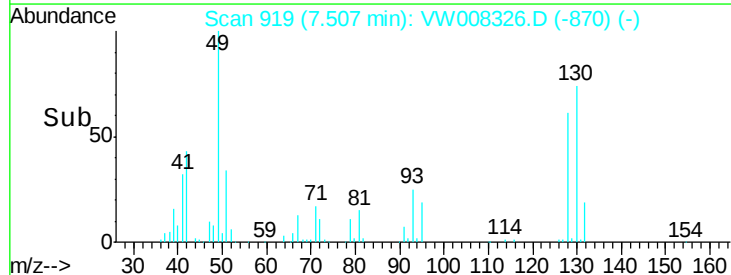
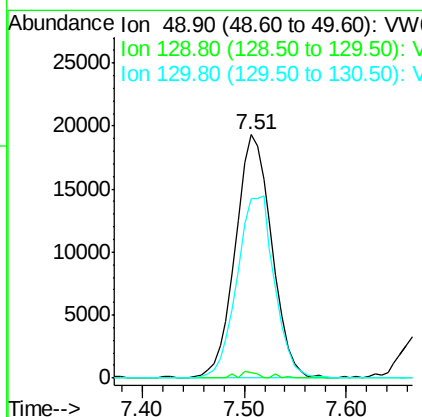
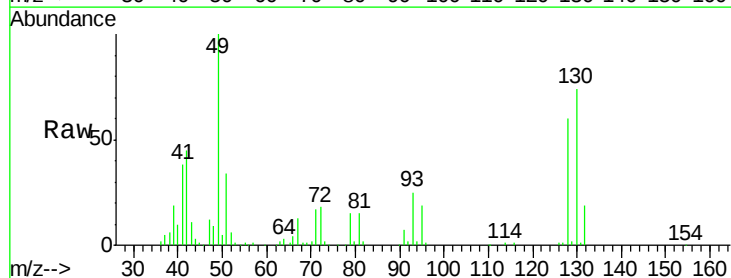
MMDadoda  
1/18/2019 2:09:39 PM

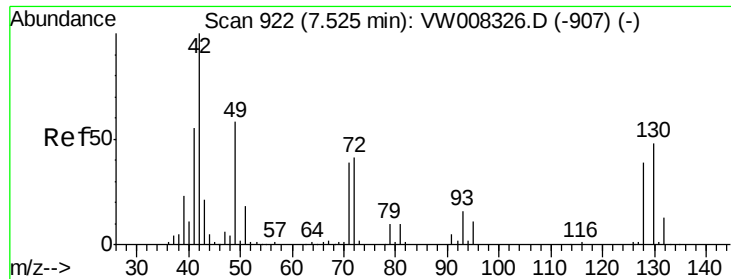


#28

Bromochloromethane  
Concen: 52.433 ug/l  
RT: 7.51 min Scan# 919  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.3   | 0.0   | 2.6   |
| 130     | 0.0   | 0.0   | 0.0   |





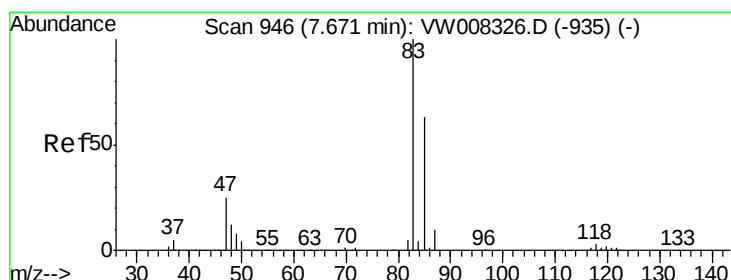
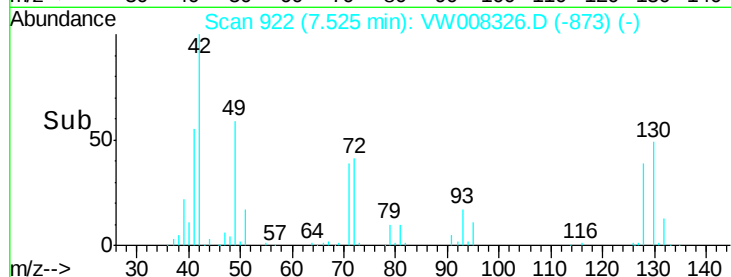
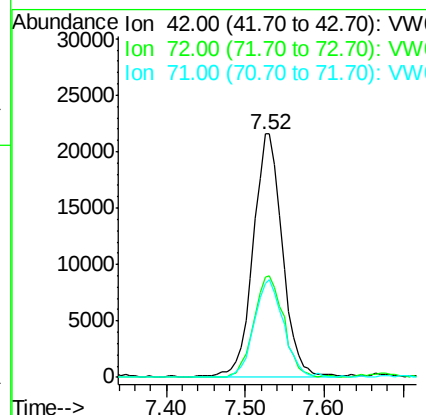
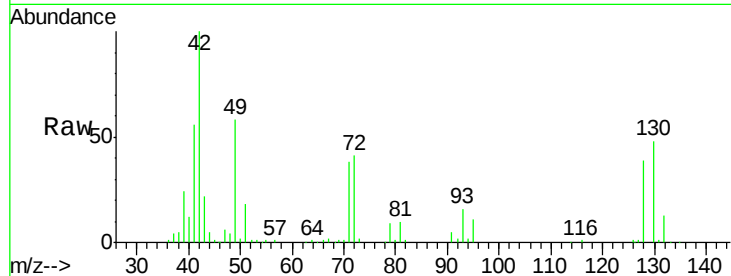
#29  
Tetrahydrofuran  
Concen: 265.417 ug/l  
RT: 7.52 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.5  | 34.0  | 51.0  |
| 71      | 40.0  | 32.0  | 48.0  |

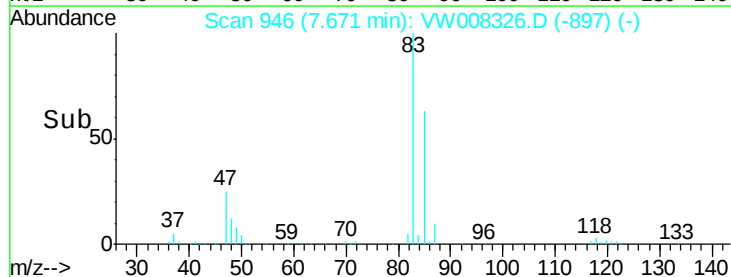
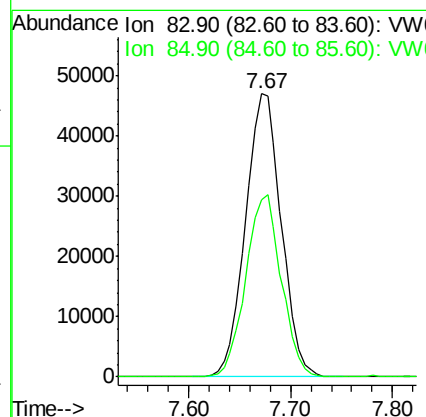
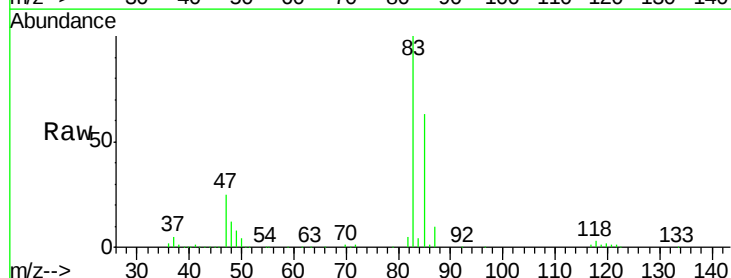
Manual Integrations  
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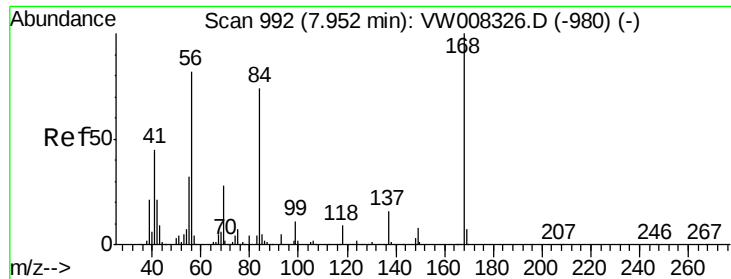
MMDadoda  
1/18/2019 2:09:39 PM



#30  
Chloroform  
Concen: 52.246 ug/l  
RT: 7.67 min Scan# 946  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.7  | 50.2  | 75.2  |





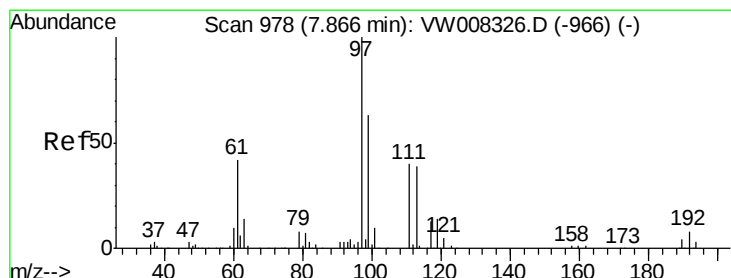
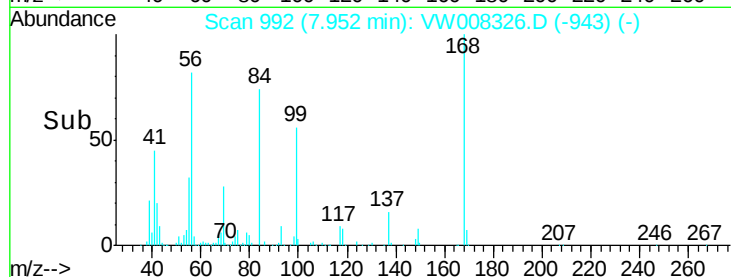
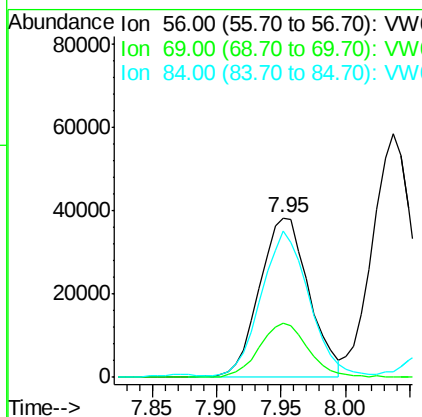
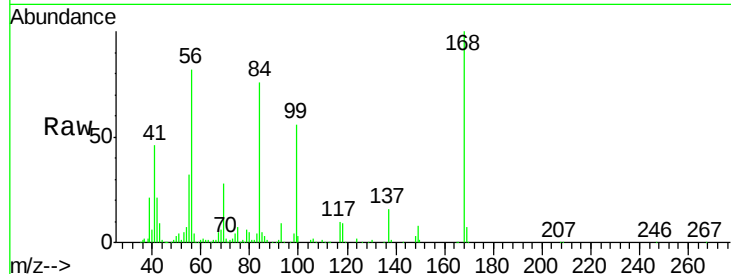
#31  
Cyclohexane  
Concen: 48.079 ug/l  
RT: 7.95 min Scan# 992  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 33.8  | 27.0  | 40.6  |
| 84      | 90.6  | 72.5  | 108.7 |

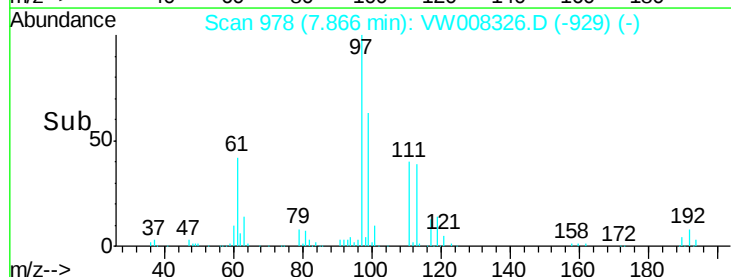
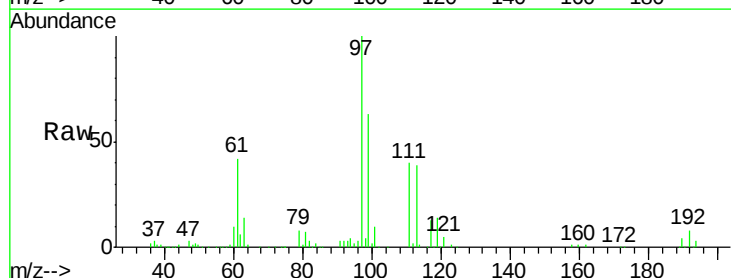
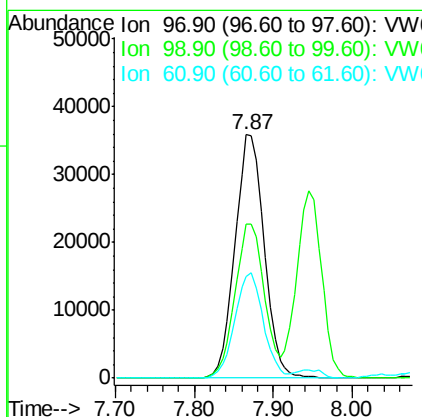
Manual Integrations  
APPROVED

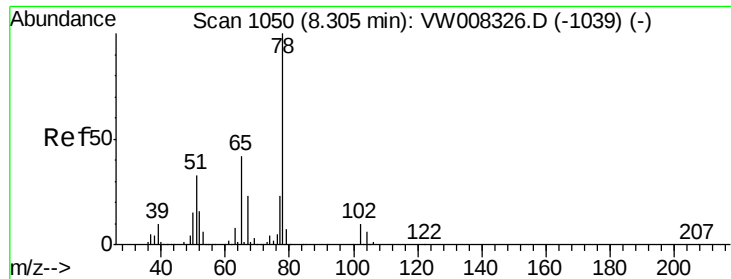
MMDadoda  
1/18/2019 2:09:39 PM



#32  
1,1,1-Trichloroethane  
Concen: 50.373 ug/l  
RT: 7.87 min Scan# 978  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.9  | 51.1  | 76.7  |
| 61      | 42.5  | 34.0  | 51.0  |





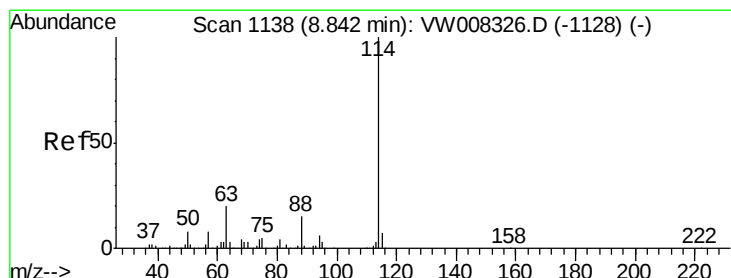
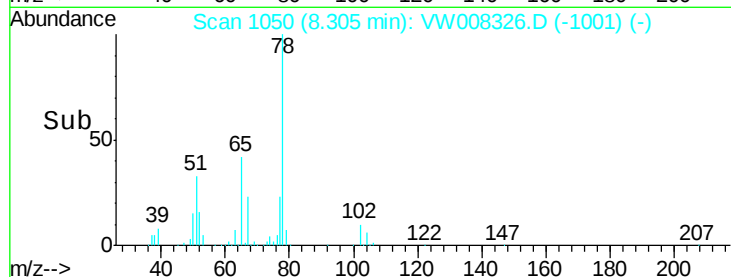
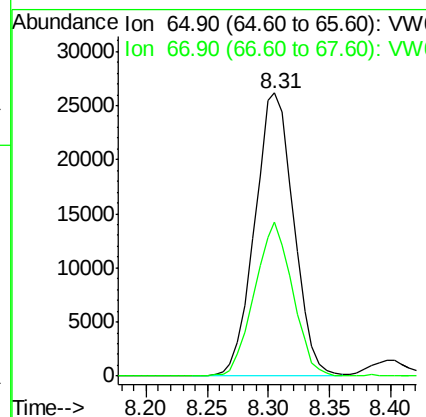
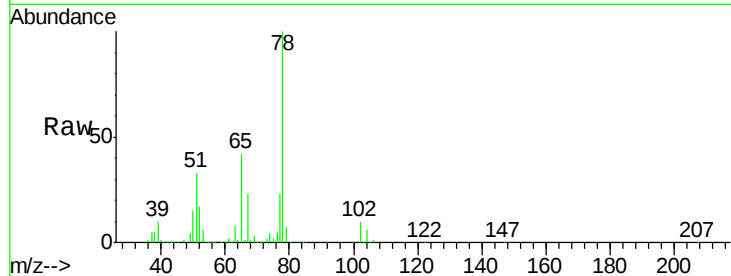
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.394 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. 0.00 min  
 Lab File: VW008326.D  
 Acq: 17 Jan 2019 14:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 53.1  | 0.0   | 106.2 |

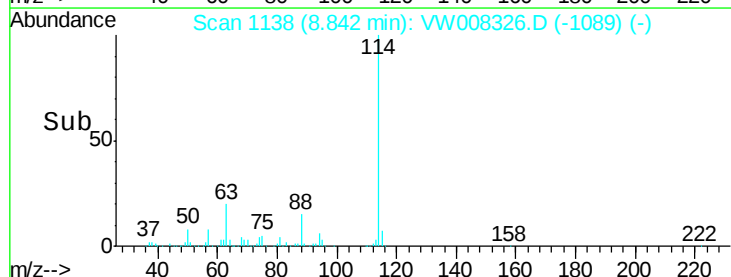
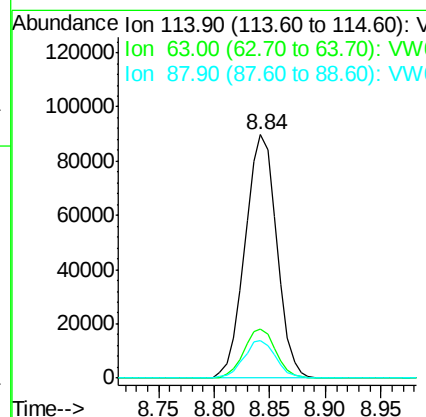
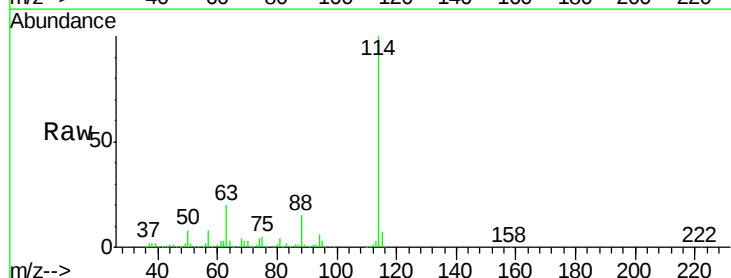
Manual Integrations  
 APPROVED

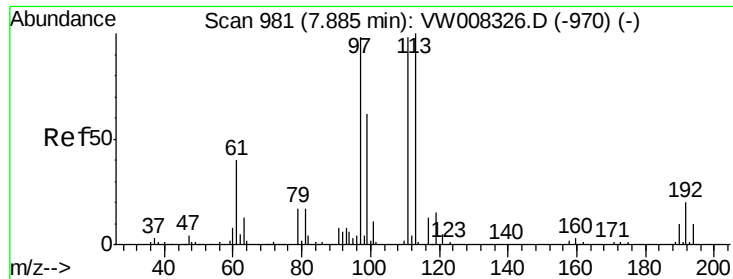
MMDadoda  
 1/18/2019 2:09:39 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. 0.00 min  
 Lab File: VW008326.D  
 Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 20.4  | 0.0   | 40.8  |
| 88      | 15.2  | 0.0   | 30.4  |





#35

Dibromofluoromethane

Concen: 51.155 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion:113 Resp: 57971

Ion Ratio Lower Upper

113 100

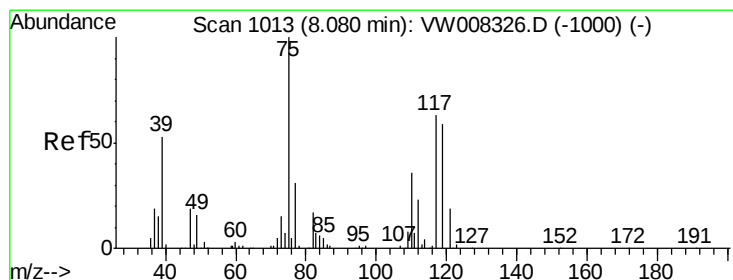
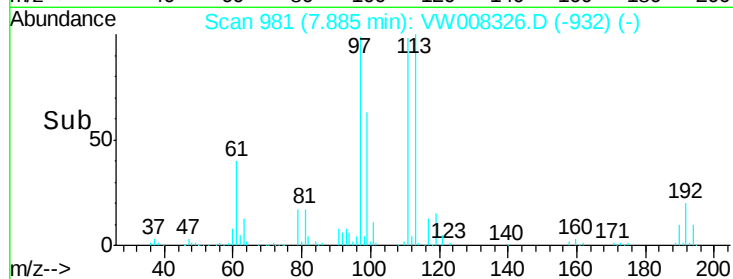
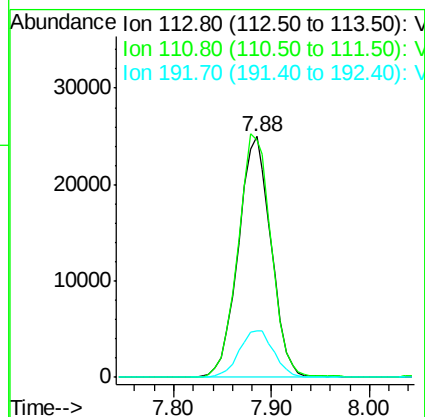
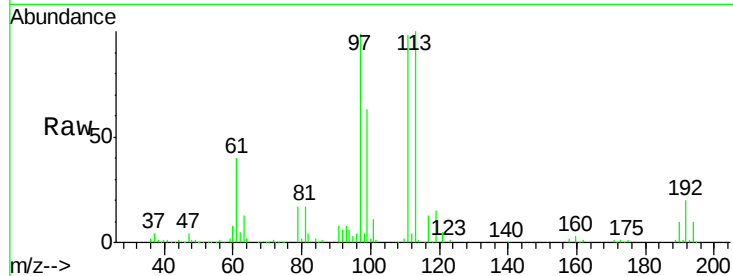
111 102.3 81.8 122.8

192 20.4 16.3 24.5

Manual Integrations  
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1/18/2019 2:09:39 PM



#36

1,1-Dichloropropene

Concen: 51.114 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

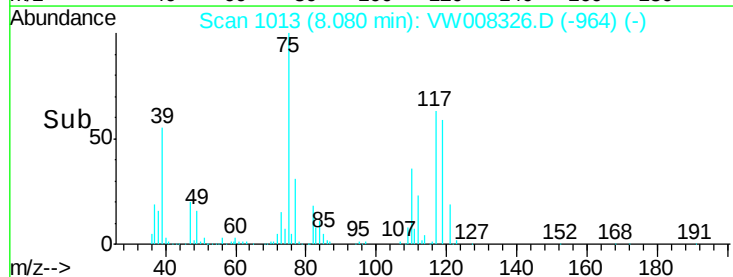
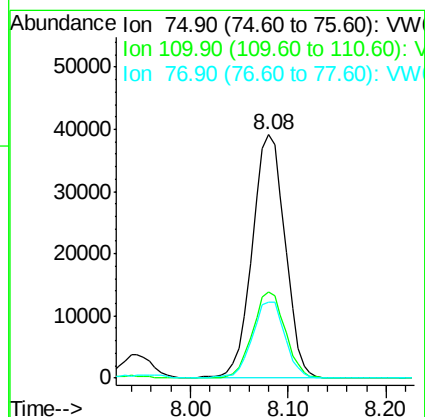
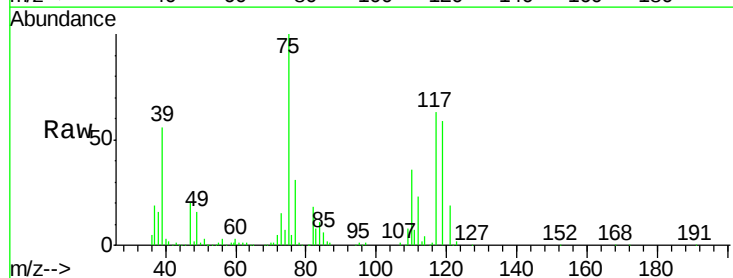
Tgt Ion: 75 Resp: 91295

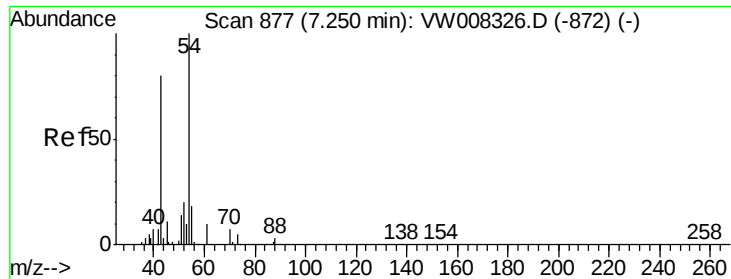
Ion Ratio Lower Upper

75 100

110 35.1 17.5 52.6

77 31.3 25.0 37.6





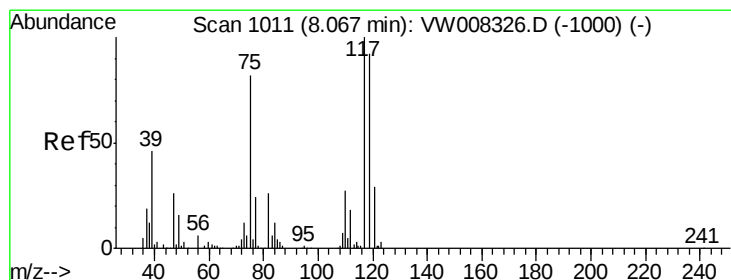
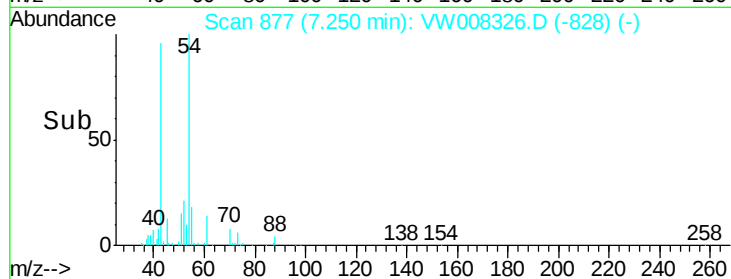
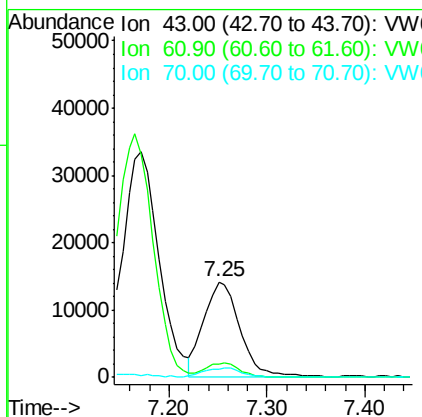
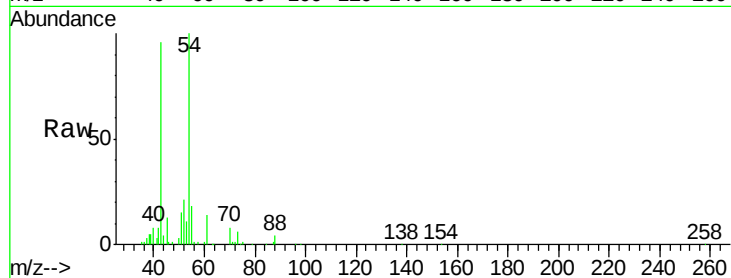
#37  
Ethyl Acetate  
Concen: 48.552 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.4  | 11.5  | 17.3  |
| 70      | 11.0  | 8.8   | 13.2  |

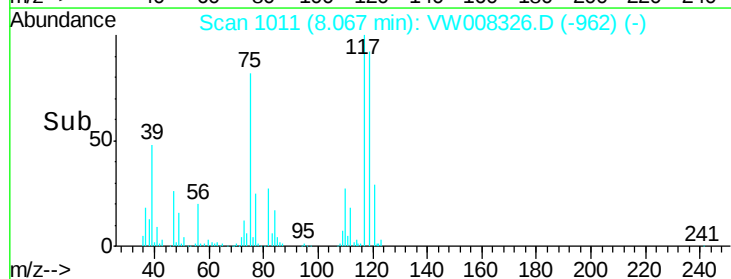
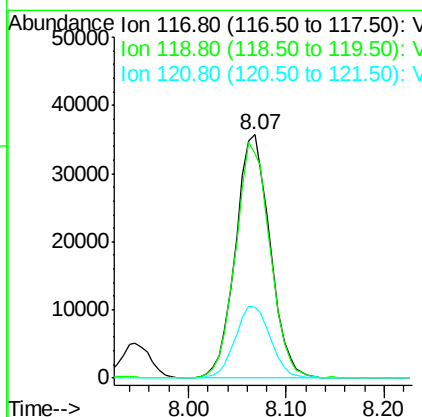
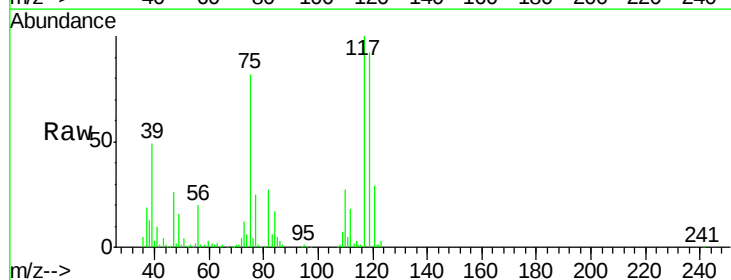
Manual Integrations  
APPROVED

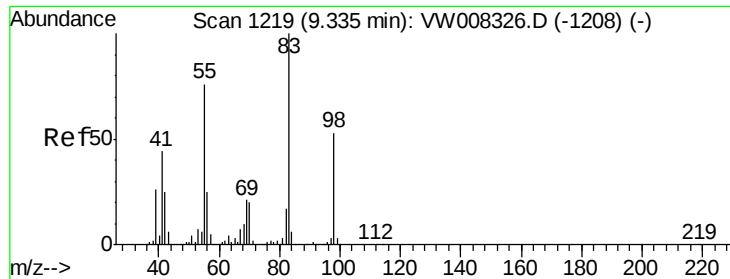
MMDadoda  
1/18/2019 2:09:39 PM



#38  
Carbon Tetrachloride  
Concen: 49.754 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.2  | 73.8  | 110.6 |
| 121     | 29.2  | 23.4  | 35.0  |





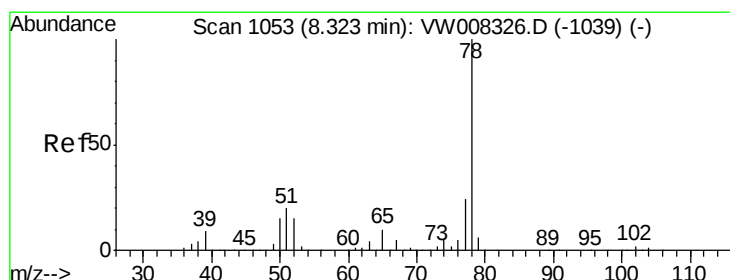
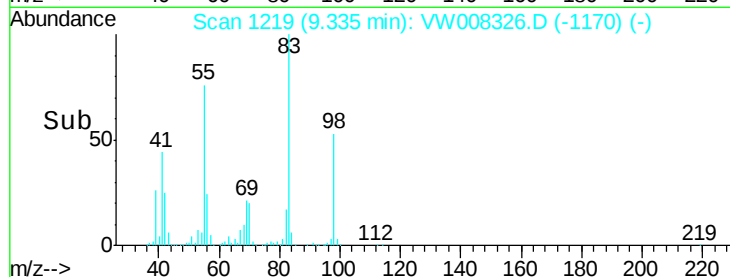
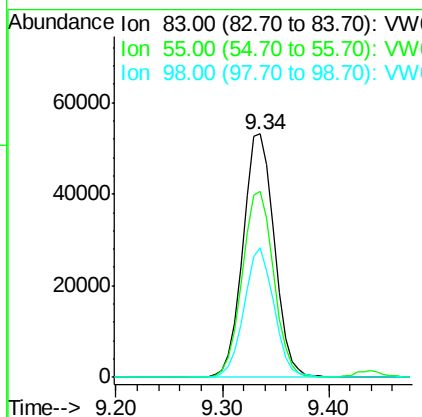
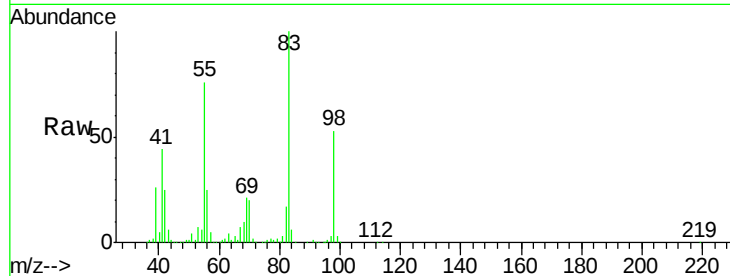
#39  
Methvlcvclohexane  
Concen: 52.061 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 76.4  | 61.1  | 91.7  |
| 98      | 53.1  | 42.5  | 63.7  |

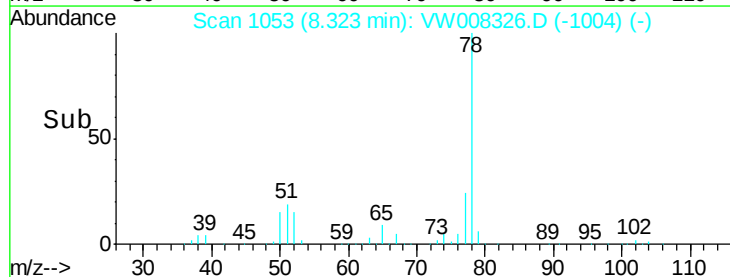
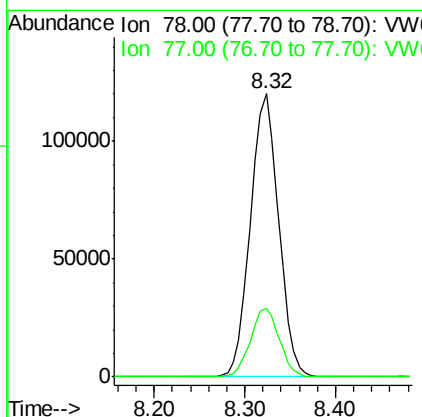
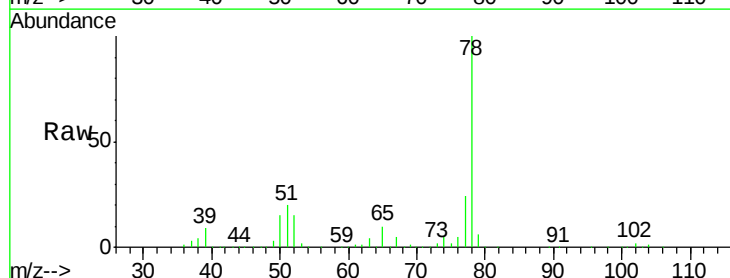
Manual Integrations  
APPROVED

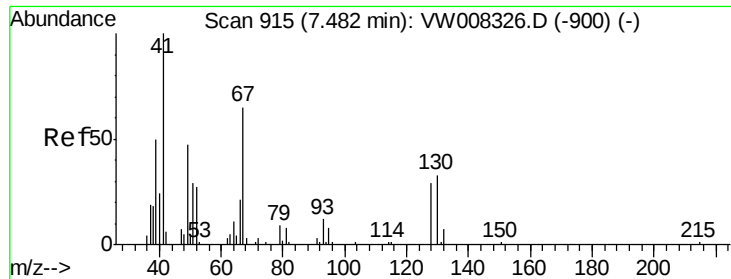
MMDadoda  
1/18/2019 2:09:39 PM



#40  
Benzene  
Concen: 51.319 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

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





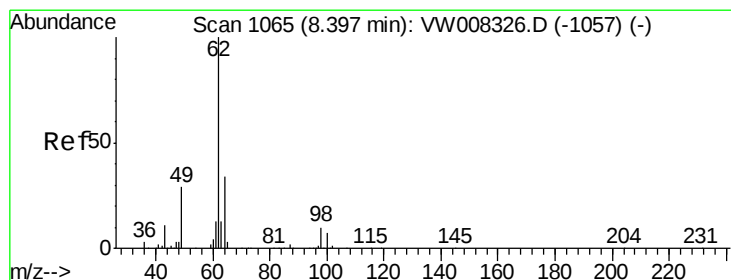
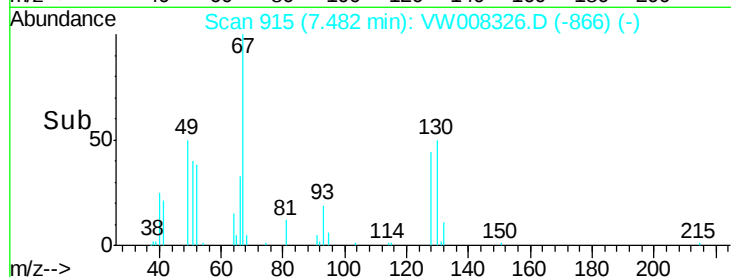
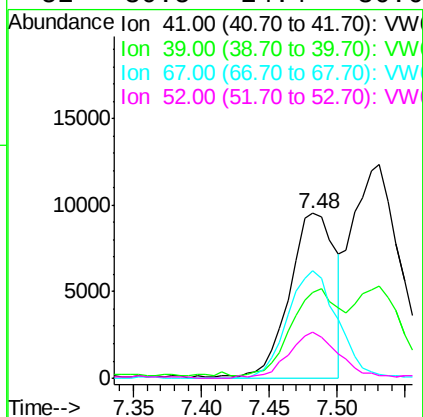
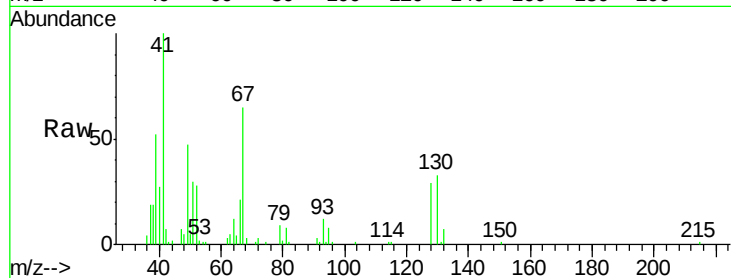
#41  
Methacrylonitrile  
Concen: 52.181 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | 41    | Resp  | 22374 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 56.1  | 44.9  | 67.3  |
| 67      | 71.1  | 56.9  | 85.3  |
| 52      | 30.5  | 24.4  | 36.6  |

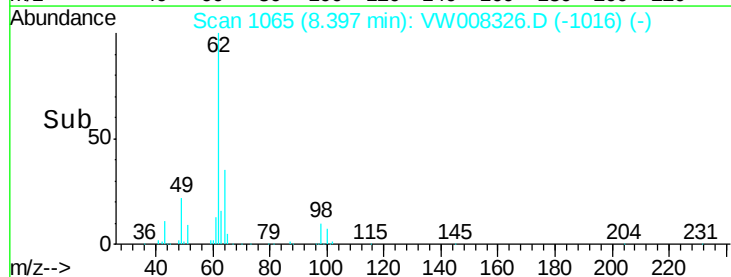
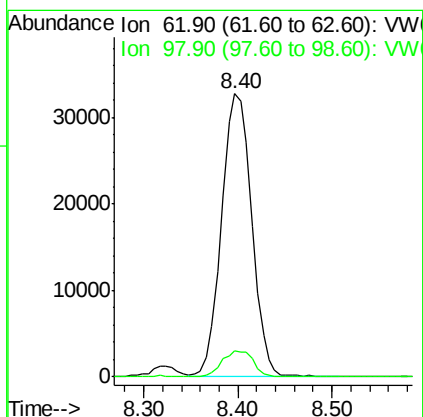
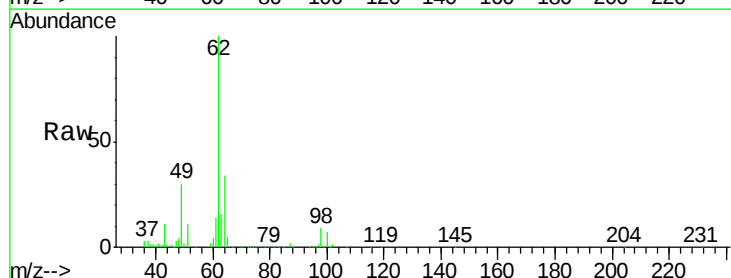
Manual Integrations  
APPROVED

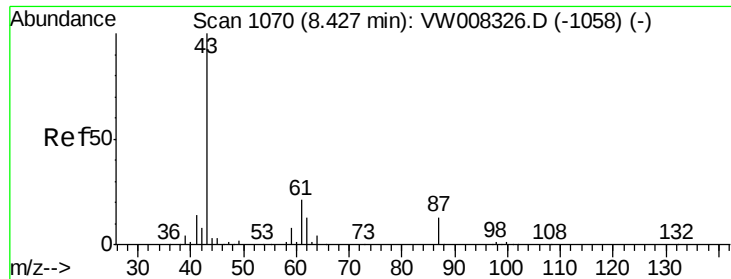
MMDadoda  
1/18/2019 2:09:39 PM



#42  
1,2-Dichloroethane  
Concen: 51.558 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

| Tgt Ion | 62    | Resp  | 72943 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 62      | 100   |       |       |
| 98      | 9.5   | 0.0   | 19.0  |





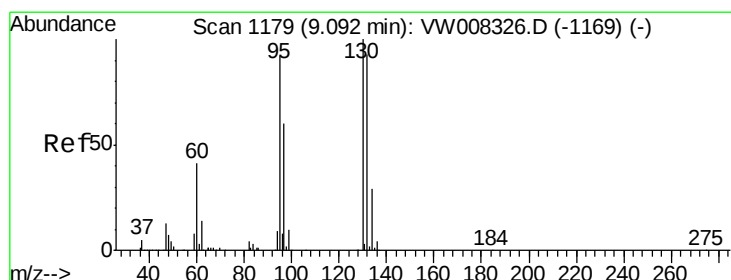
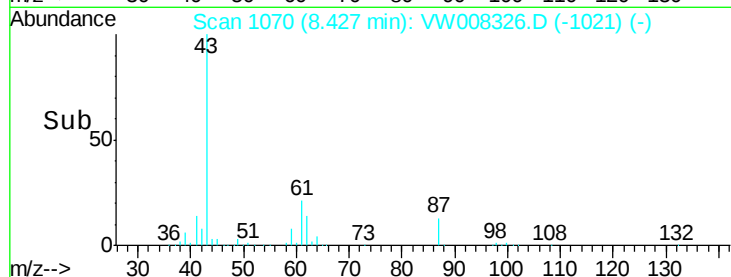
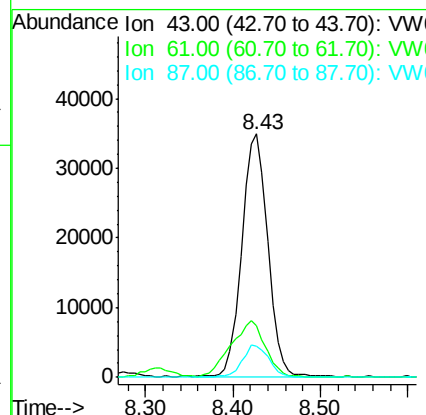
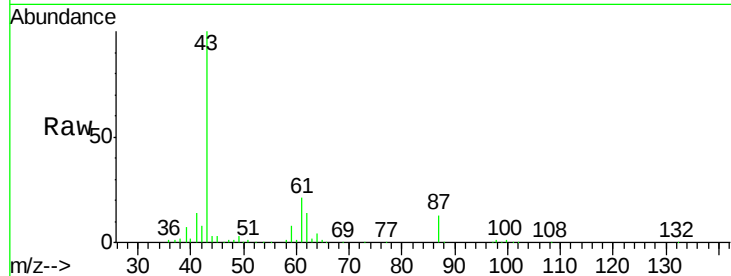
#43  
Isopropyl Acetate  
Concen: 51.998 ug/l  
RT: 8.43 min Scan# 1070  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 31.0  | 24.8  | 37.2  |
| 87      | 13.4  | 10.7  | 16.1  |

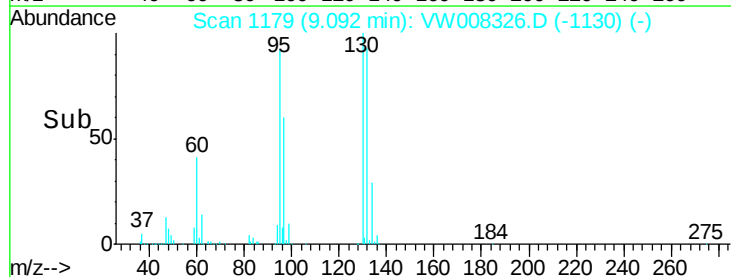
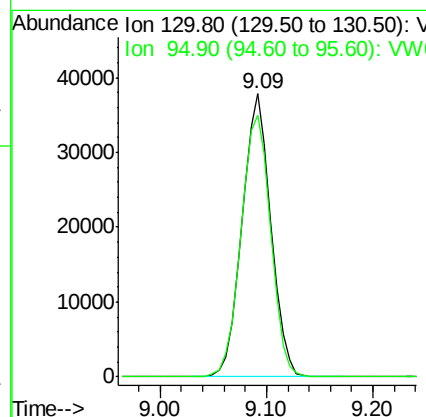
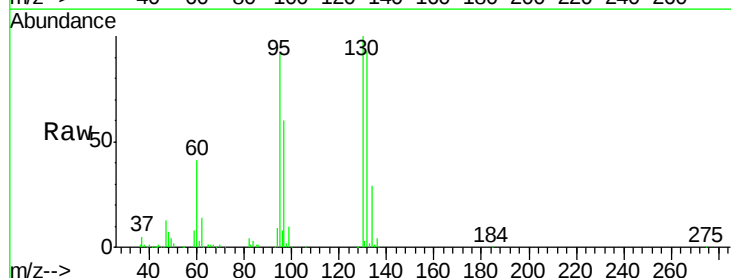
Manual Integrations  
APPROVED

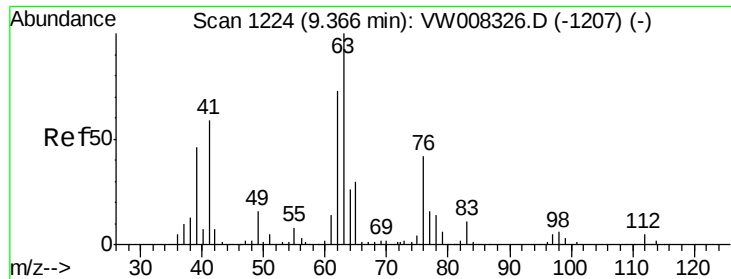
MMDadoda  
1/18/2019 2:09:39 PM



#44  
Trichloroethene  
Concen: 51.742 ug/l  
RT: 9.09 min Scan# 1179  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 92.4  | 0.0   | 184.8 |





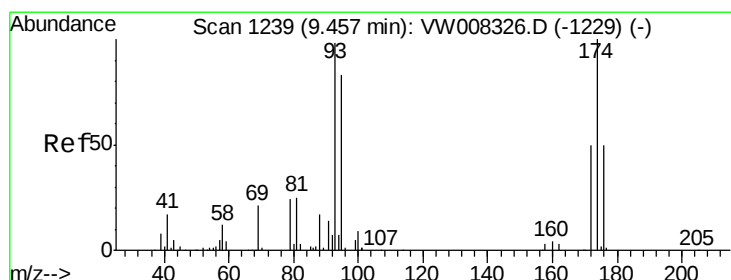
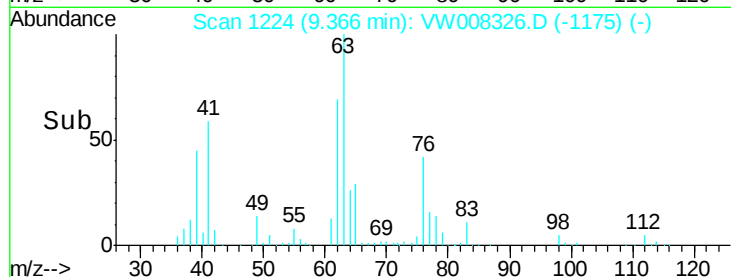
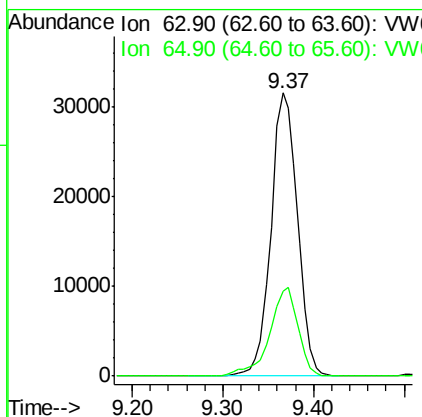
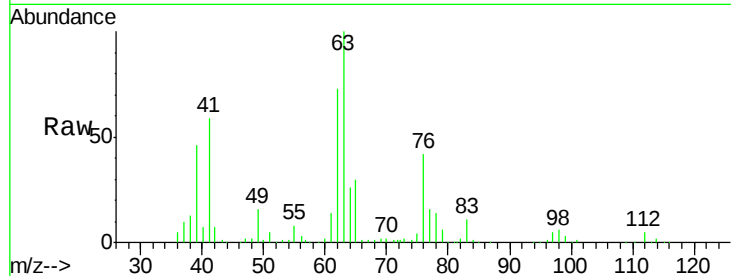
#45  
 1,2-Dichloropropane  
 Concen: 50.823 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. 0.00 min  
 Lab File: VW008326.D  
 Acq: 17 Jan 2019 14:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

Tot Ion: 63 Resp: 63873  
 Ion Ratio Lower Upper  
 63 100  
 65 29.9 23.9 35.9

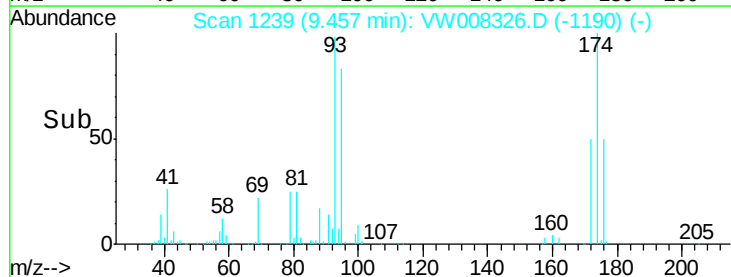
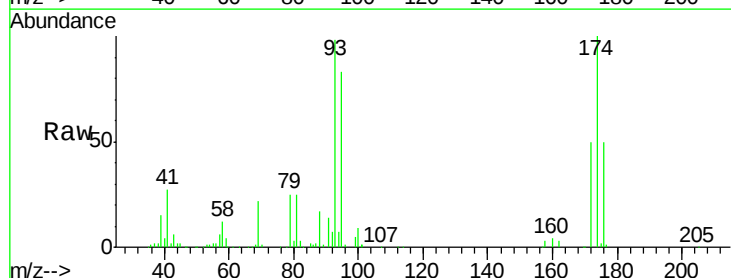
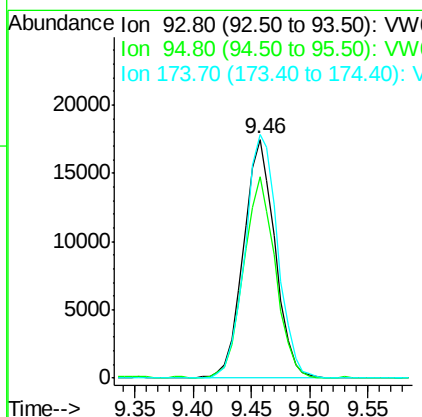
Manual Integrations  
 APPROVED

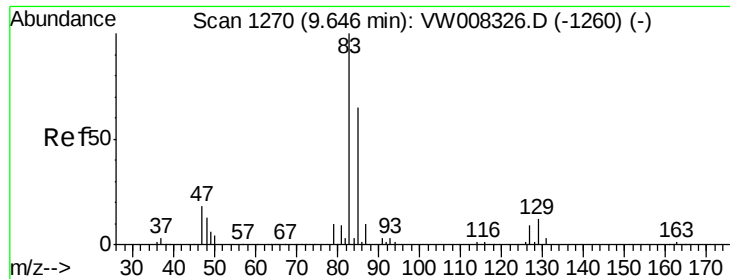
MMDadoda  
 1/18/2019 2:09:39 PM



#46  
 Dibromomethane  
 Concen: 50.292 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. 0.00 min  
 Lab File: VW008326.D  
 Acq: 17 Jan 2019 14:05

Tgt Ion: 93 Resp: 32942  
 Ion Ratio Lower Upper  
 93 100  
 95 84.8 67.8 101.8  
 174 105.5 84.4 126.6





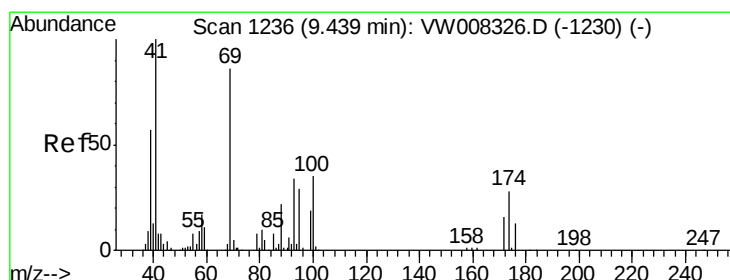
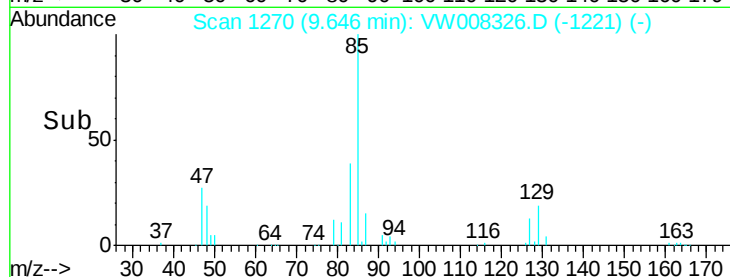
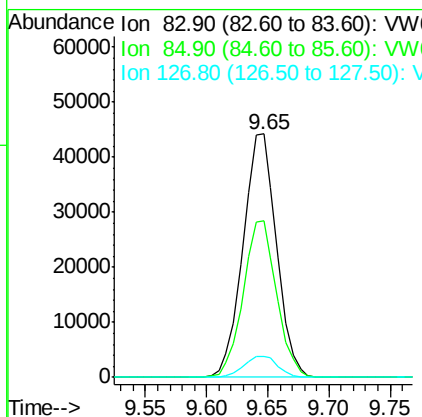
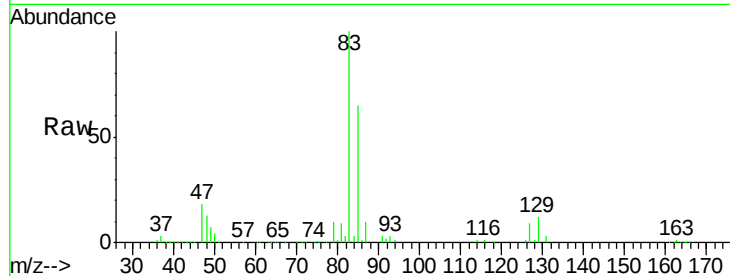
#47  
Bromodichloromethane  
Concen: 52.251 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.5  | 51.6  | 77.4  |
| 127     | 8.5   | 6.8   | 10.2  |

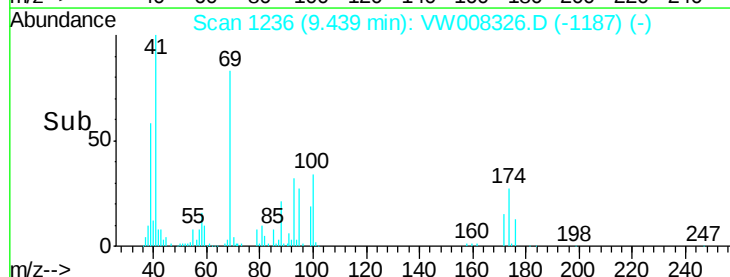
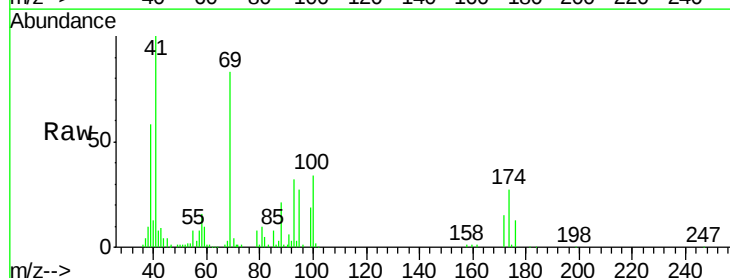
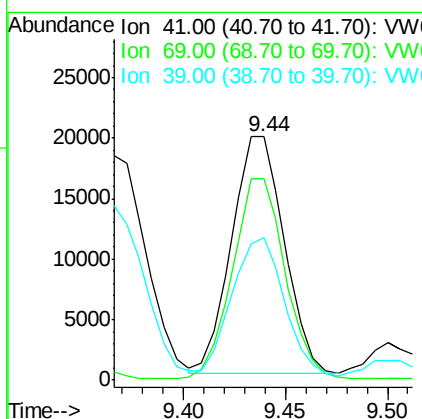
Manual Integrations  
APPROVED

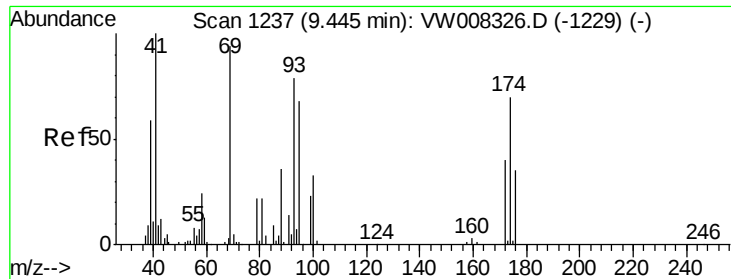
MMDadoda  
1/18/2019 2:09:39 PM



#48  
Methyl methacrylate  
Concen: 53.576 ug/l  
RT: 9.44 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 85.3  | 68.2  | 102.4 |
| 39      | 57.5  | 46.0  | 69.0  |





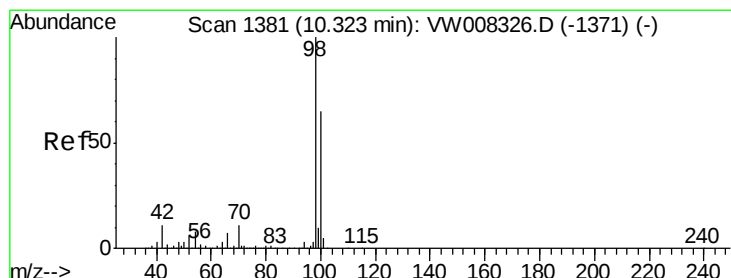
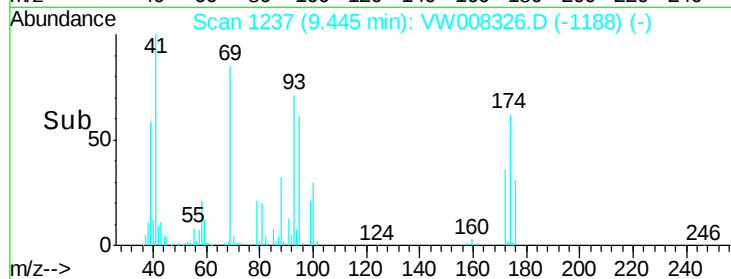
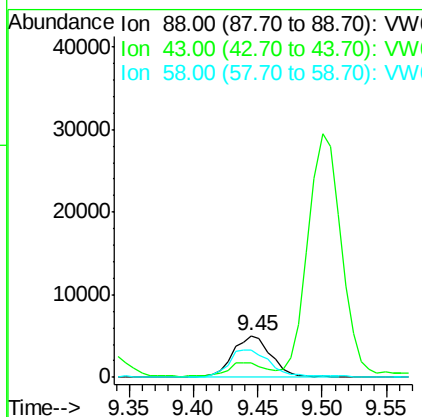
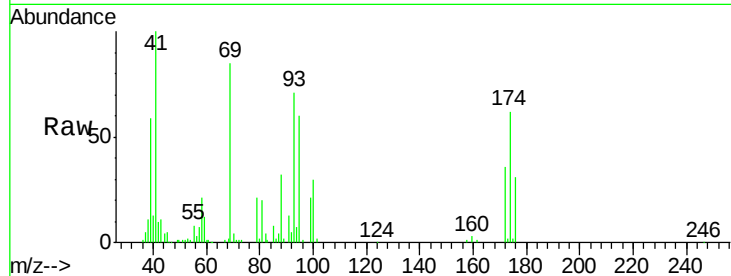
#49  
1,4-Dioxane  
Concen: 976.720 ug/l  
RT: 9.45 min Scan# 1237  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 33.9  | 27.1  | 40.7  |
| 58      | 72.4  | 57.9  | 86.9  |

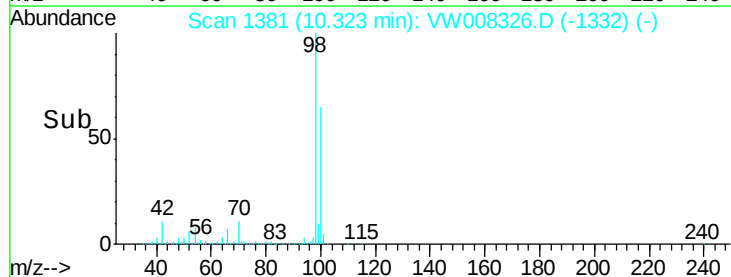
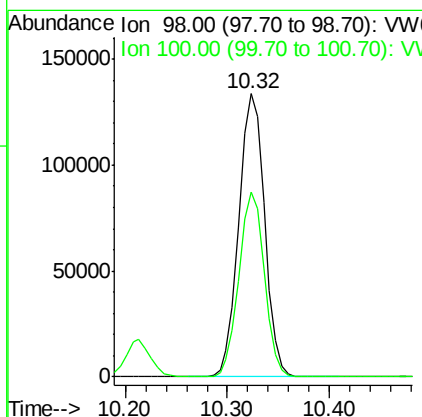
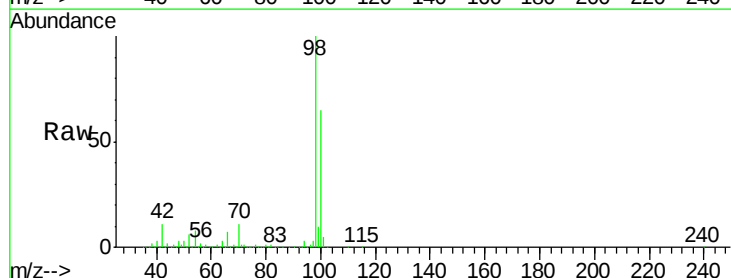
Manual Integrations  
APPROVED

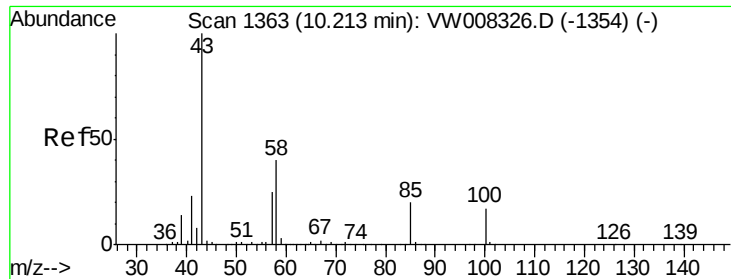
MMDadoda  
1/18/2019 2:09:39 PM



#50  
Toluene-d8  
Concen: 52.468 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.8  | 51.8  | 77.8  |





#51

4-Methyl-2-Pentanone

Concen: 264.282 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 186184

Ion Ratio Lower Upper

43 100

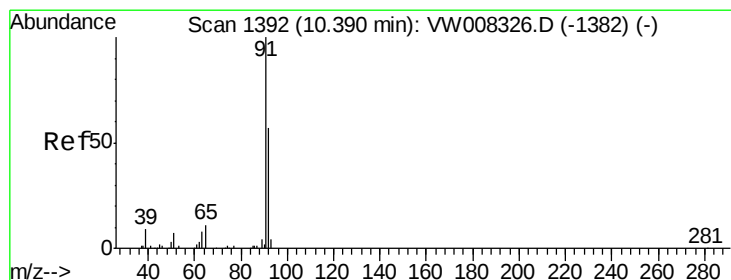
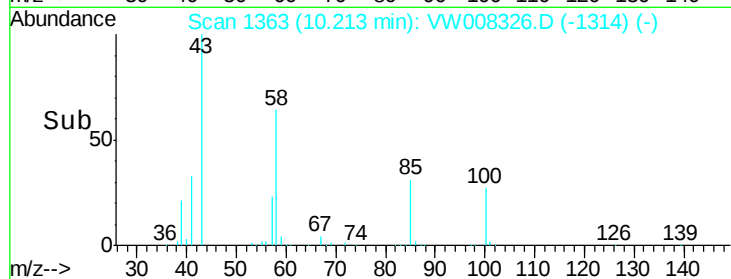
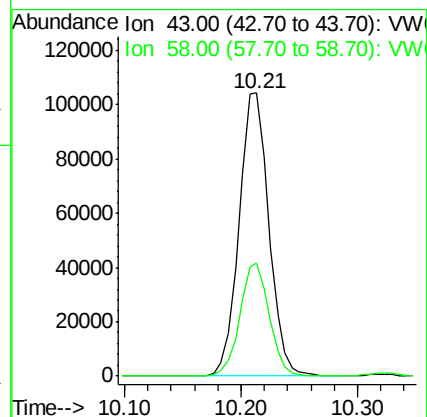
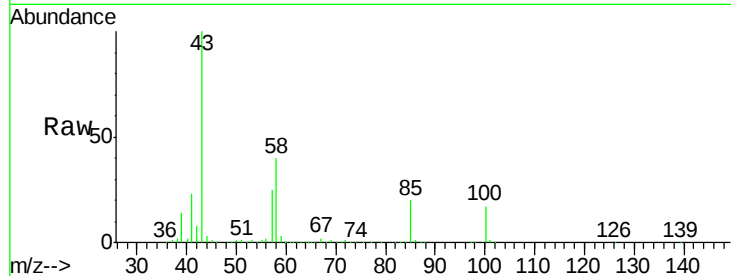
58 39.2 31.4 47.0

Manual Integrations

APPROVED

MMDadoda

1/18/2019 2:09:39 PM



#52

Toluene

Concen: 52.226 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008326.D

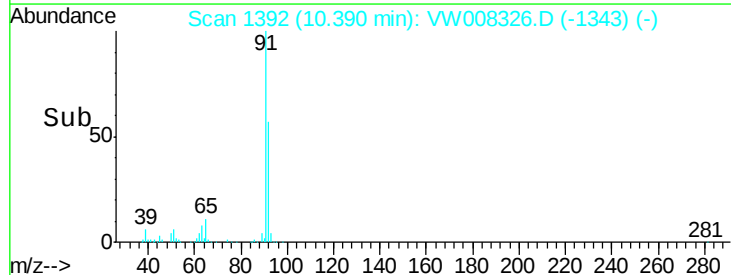
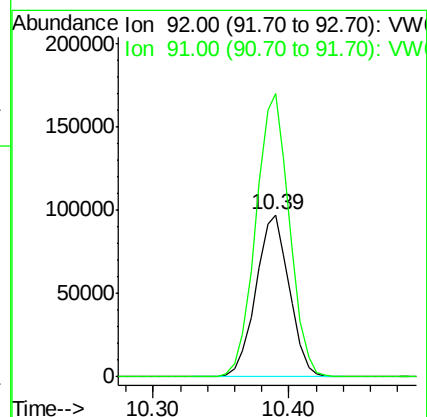
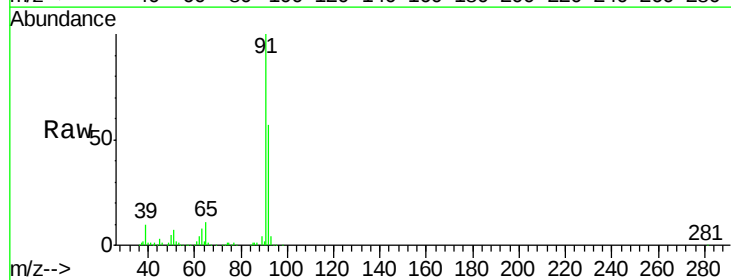
Acq: 17 Jan 2019 14:05

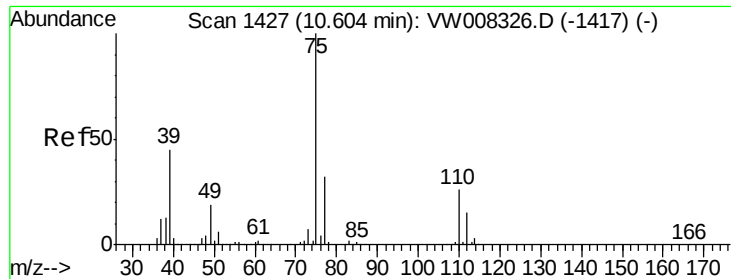
Tgt Ion: 92 Resp: 167220

Ion Ratio Lower Upper

92 100

91 175.2 140.2 210.2





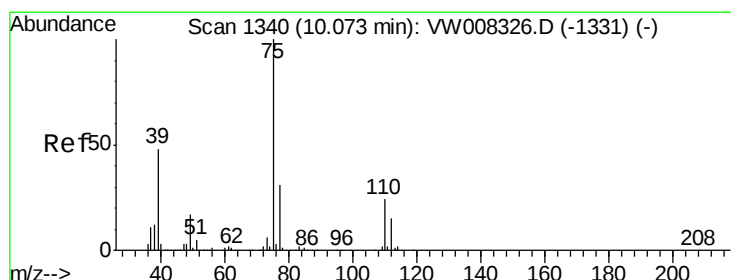
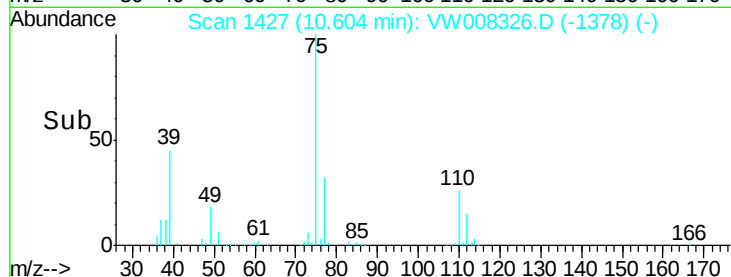
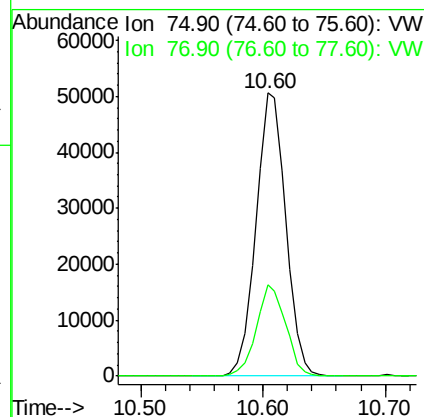
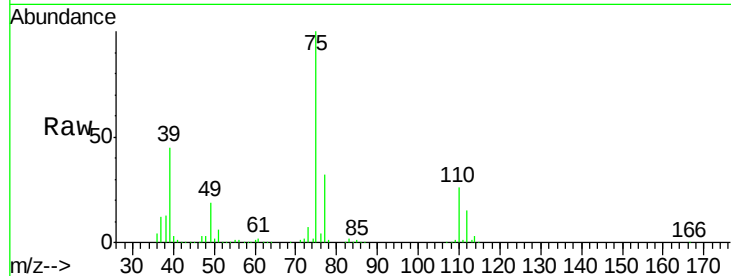
#53  
t-1,3-Dichloropropene  
Concen: 53.385 ug/l  
RT: 10.60 min Scan# 1427  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.3  | 25.8  | 38.8  |

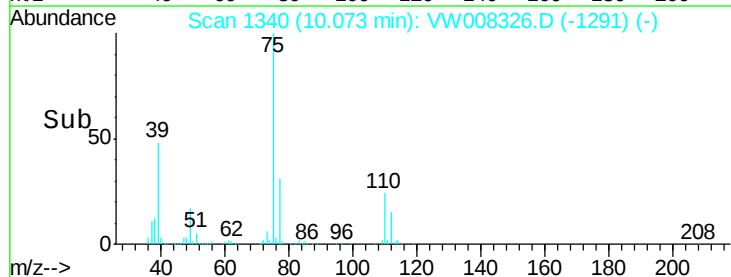
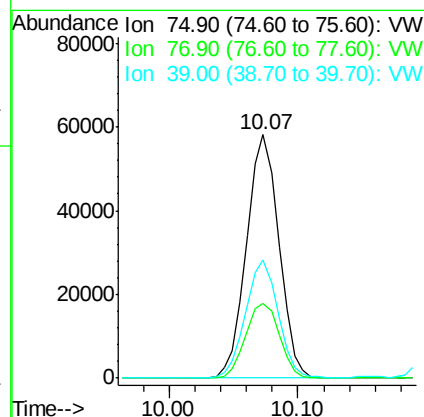
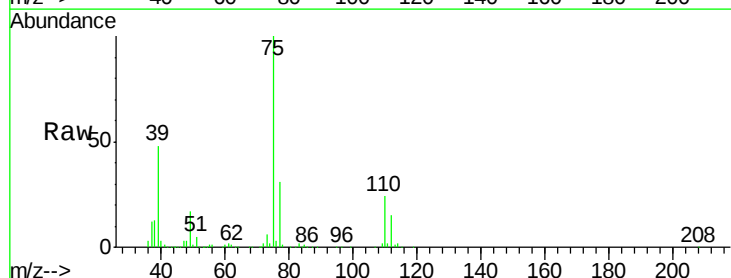
Manual Integrations  
APPROVED

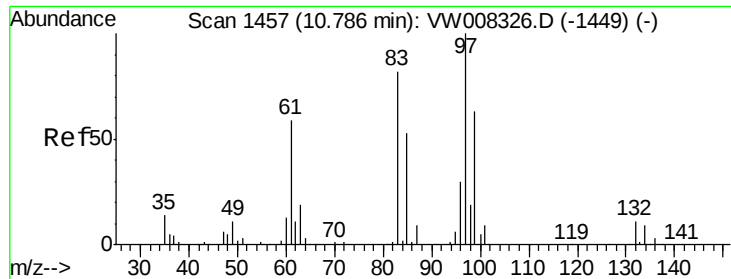
MMDadoda  
1/18/2019 2:09:39 PM



#54  
cis-1,3-Dichloropropene  
Concen: 53.107 ug/l  
RT: 10.07 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.5  | 24.4  | 36.6  |
| 39      | 48.2  | 38.6  | 57.8  |





#55

1,1,2-Trichloroethane

Concen: 51.495 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

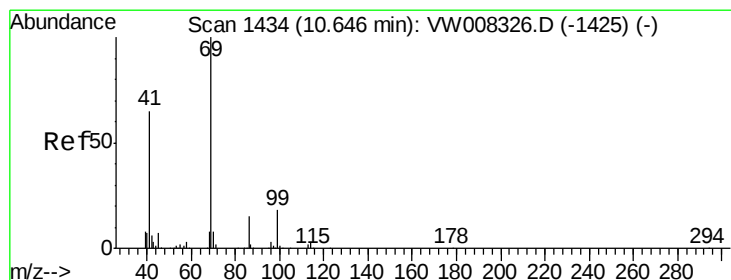
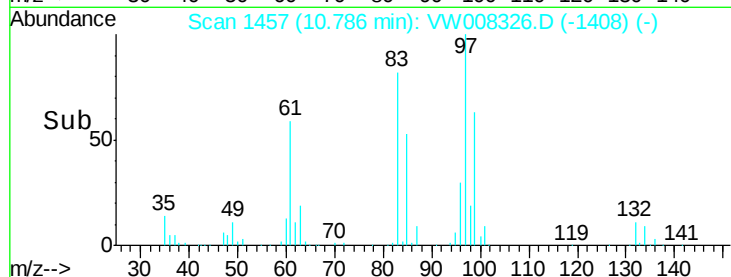
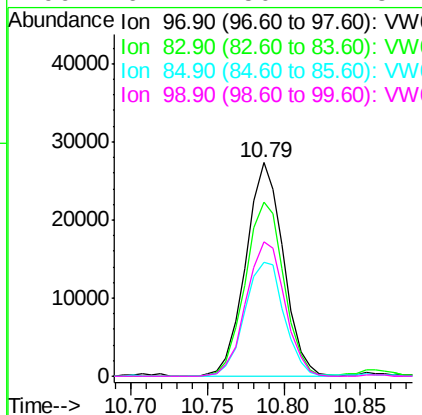
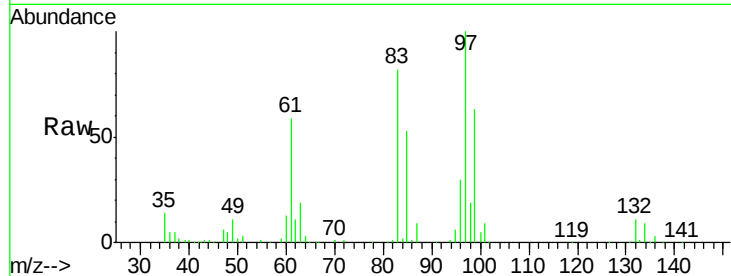
ClientSampleId :

VSTDICCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 46784 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.6  | 65.3  | 97.9  |
| 85       | 53.3  | 42.6  | 64.0  |
| 99       | 62.7  | 50.2  | 75.2  |

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#56

Ethyl methacrylate

Concen: 54.417 ug/l

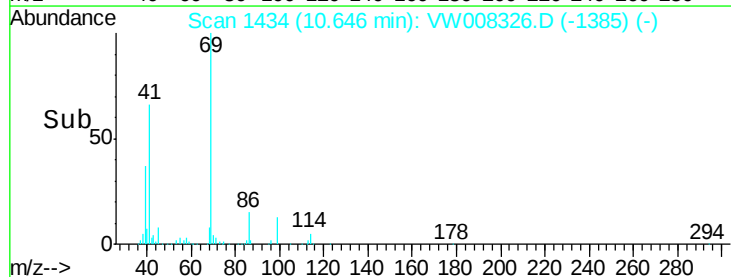
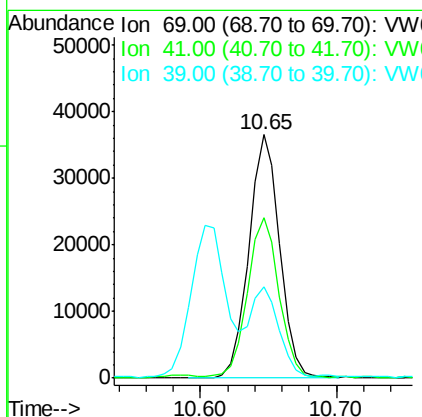
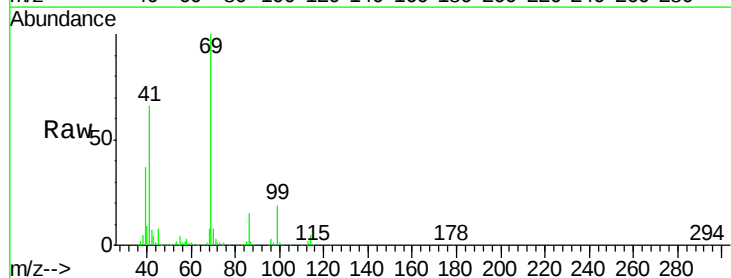
RT: 10.65 min Scan# 1434

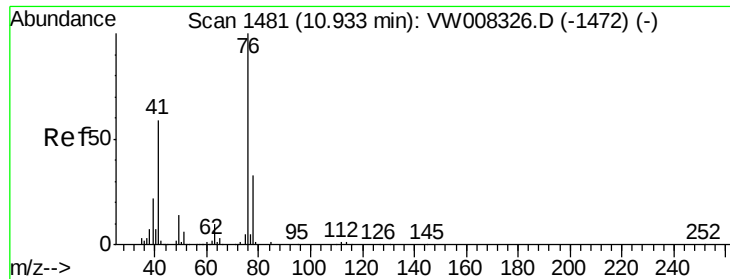
Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 58061 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 66.1  | 52.9  | 79.3  |
| 39       | 35.5  | 28.4  | 42.6  |





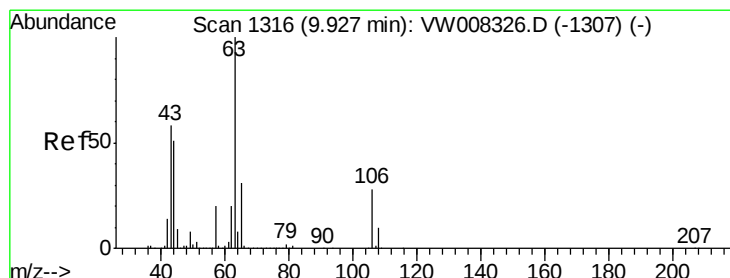
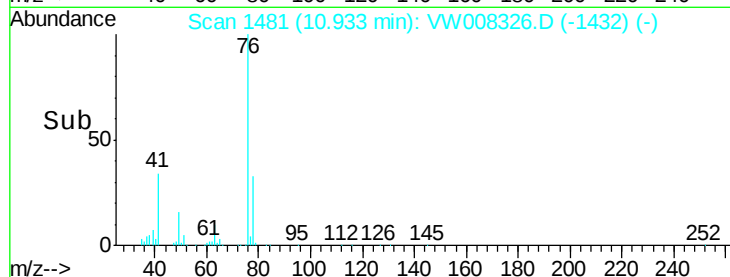
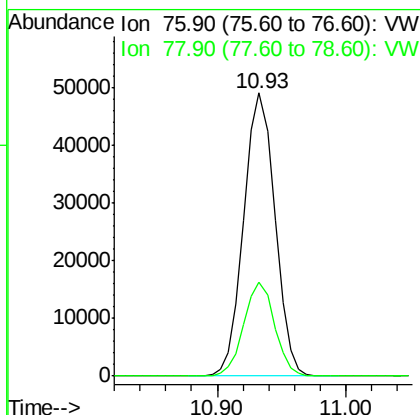
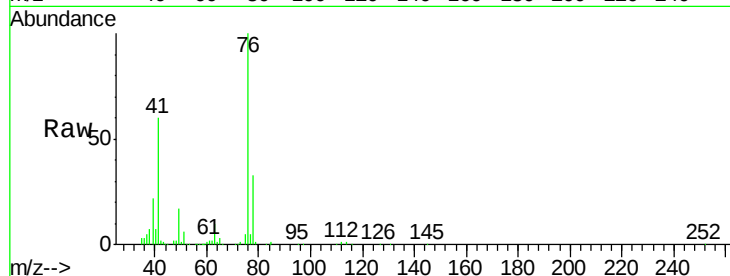
#57  
 1,3-Dichloropropane  
 Concen: 52.245 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. 0.00 min  
 Lab File: VW008326.D  
 Acq: 17 Jan 2019 14:05

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDICCC050

Tot Ion: 76 Resp: 82414  
 Ion Ratio Lower Upper  
 76 100  
 78 32.6 26.1 39.1

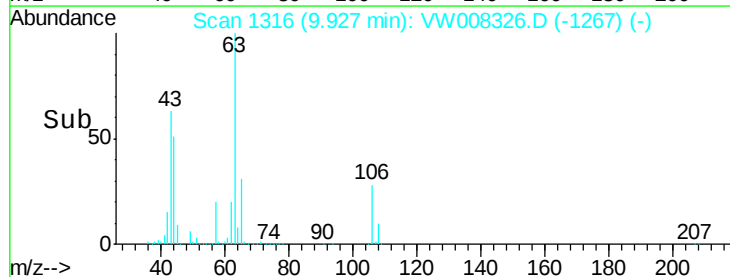
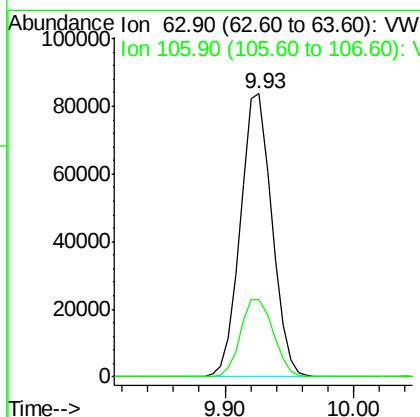
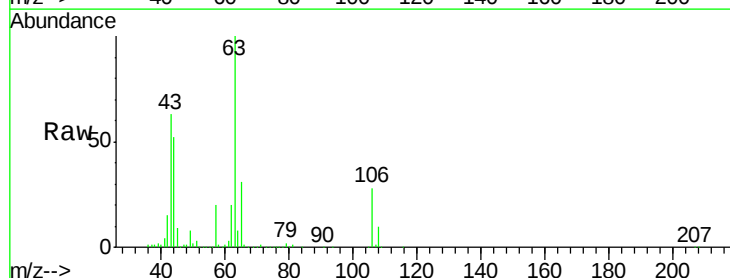
Manual Integrations  
 APPROVED

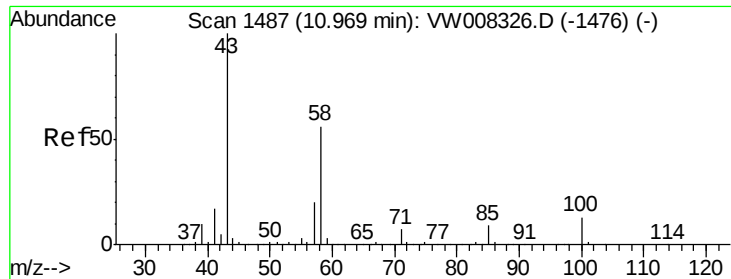
MMDadoda  
 1/18/2019 2:09:39 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 275.011 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VW008326.D  
 Acq: 17 Jan 2019 14:05

Tgt Ion: 63 Resp: 141536  
 Ion Ratio Lower Upper  
 63 100  
 106 28.6 22.9 34.3





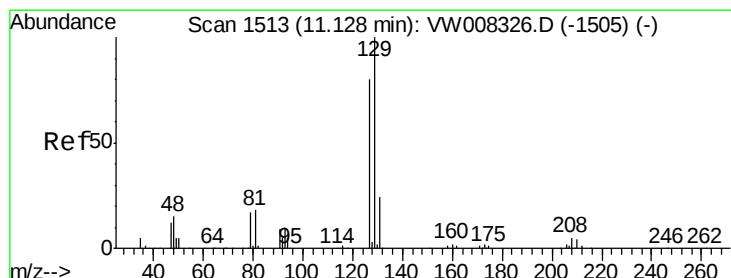
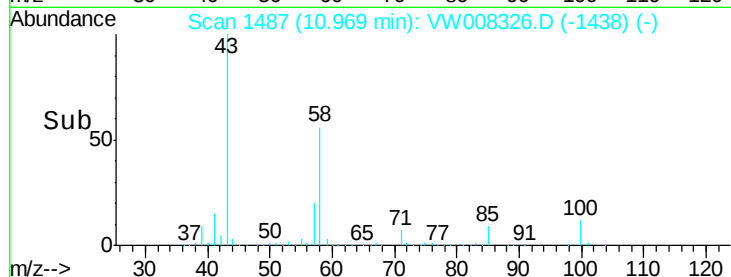
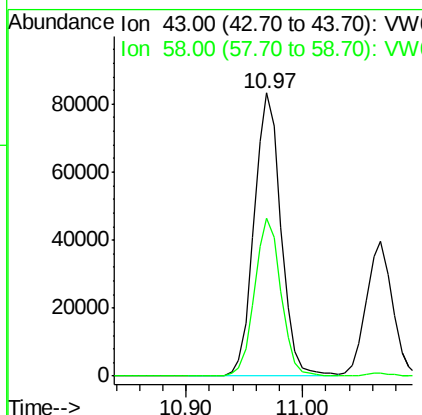
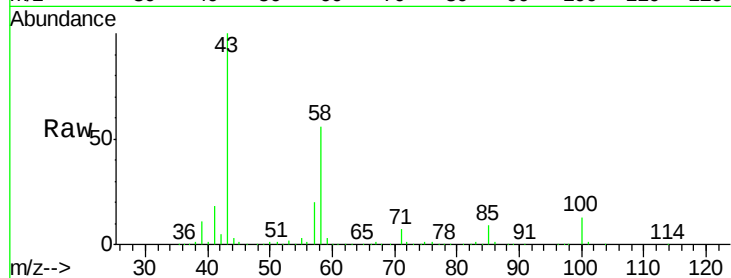
#59  
2-Hexanone  
Concen: 271.627 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

Tot Ion: 43 Resp: 134078  
Ion Ratio Lower Upper  
43 100  
58 55.0 27.5 82.5

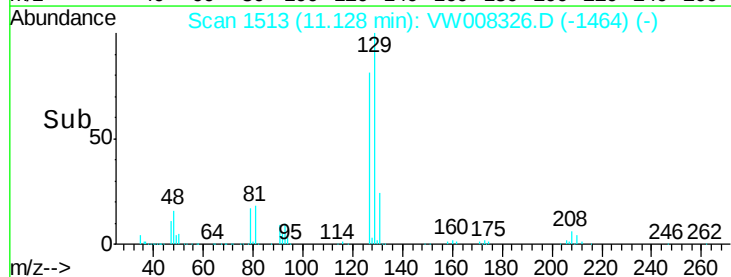
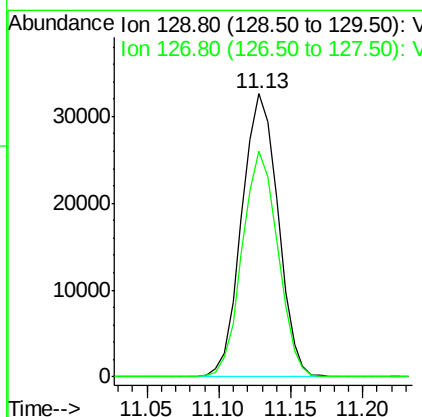
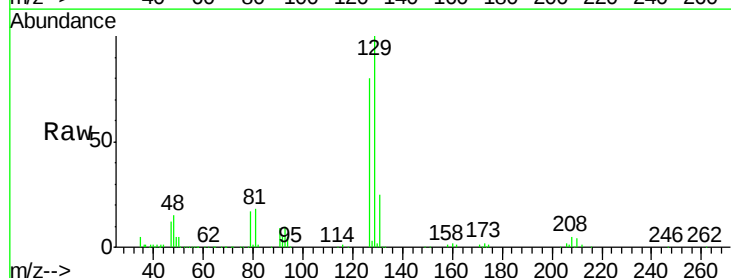
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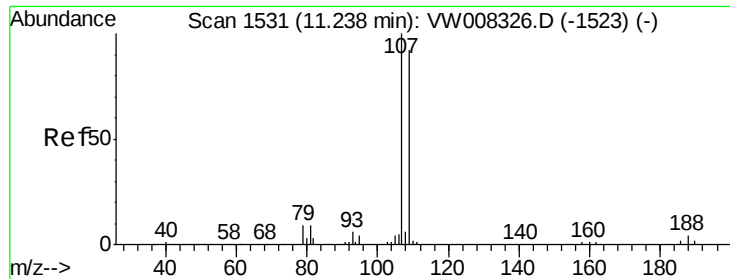
MMDadoda  
1/18/2019 2:09:39 PM



#60  
Dibromochloromethane  
Concen: 52.517 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Tgt Ion: 129 Resp: 56943  
Ion Ratio Lower Upper  
129 100  
127 78.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 52.839 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion:107 Resp: 46485

Ion Ratio Lower Upper

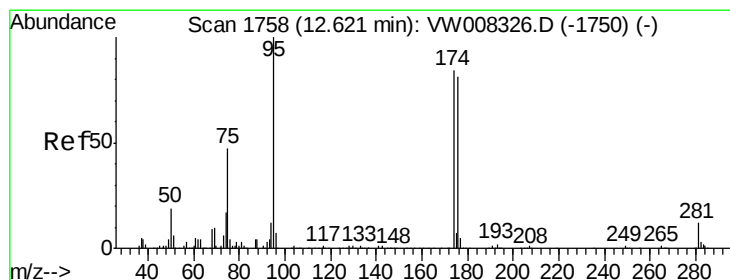
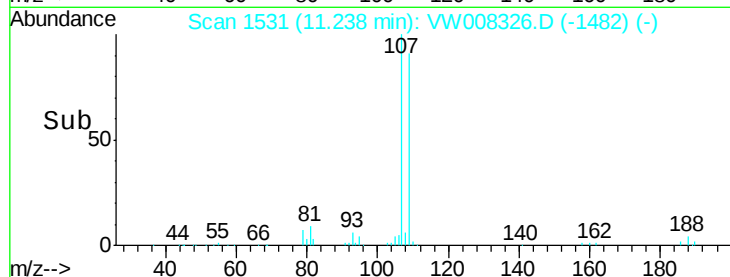
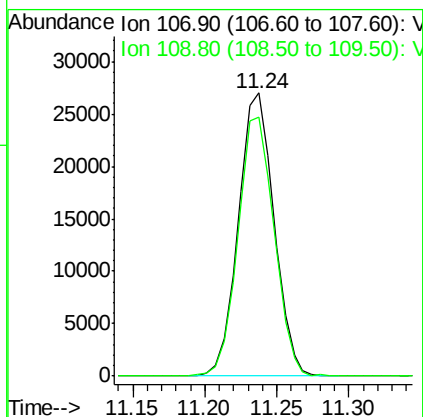
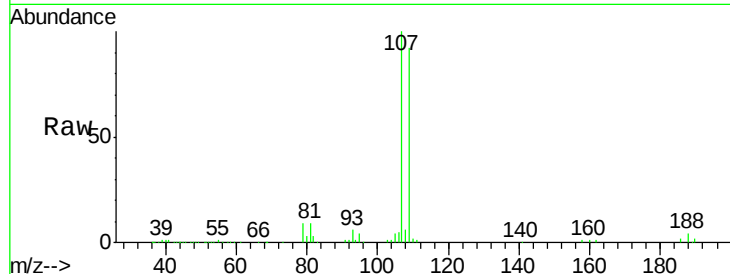
107 100

109 92.5 74.0 111.0

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#62

4-Bromofluorobenzene

Concen: 51.674 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

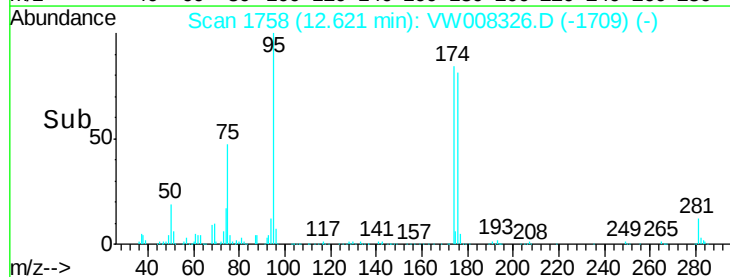
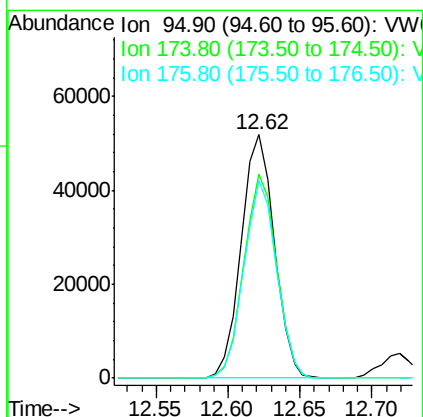
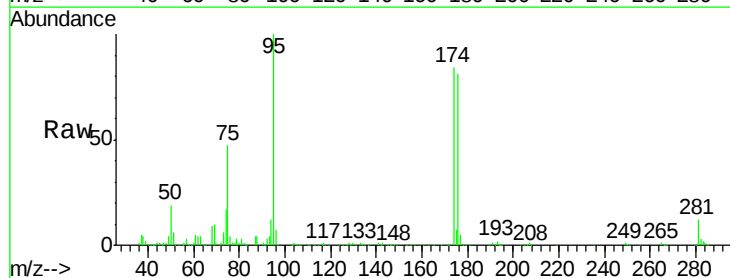
Tgt Ion: 95 Resp: 82509

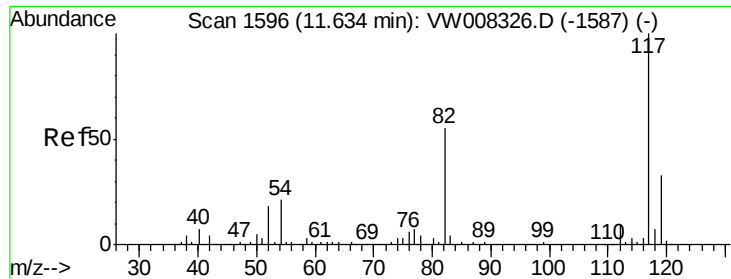
Ion Ratio Lower Upper

95 100

174 83.0 0.0 166.0

176 80.0 0.0 160.0





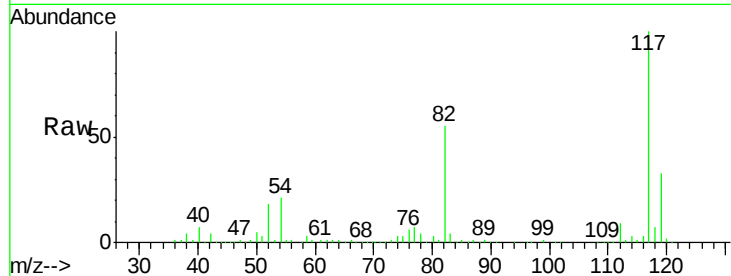
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

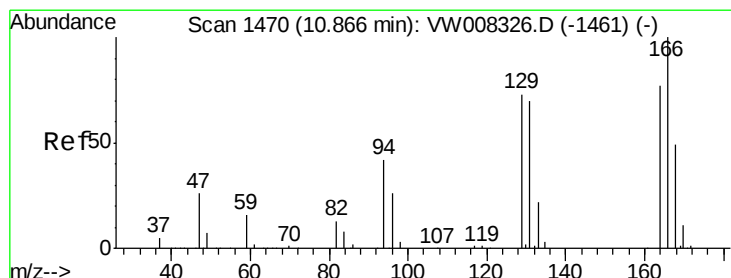
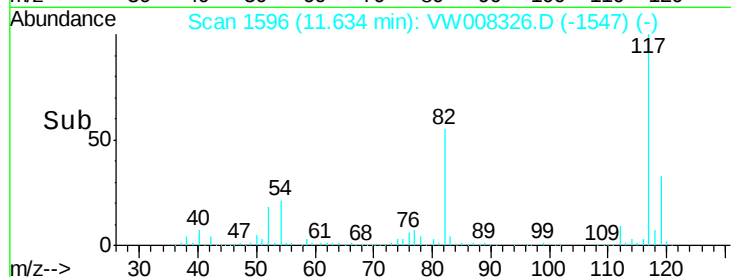
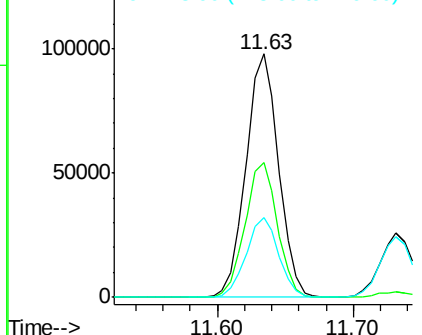
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.4  | 44.3  | 66.5  |
| 119     | 32.9  | 26.3  | 39.5  |

Manual Integrations  
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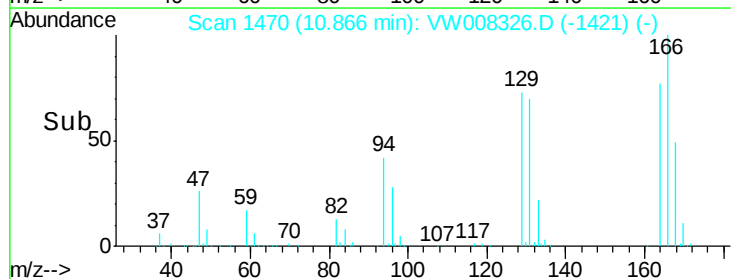
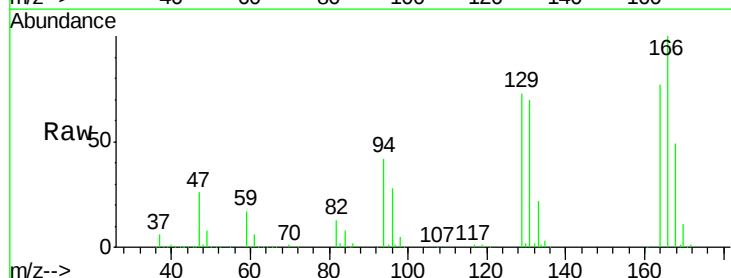
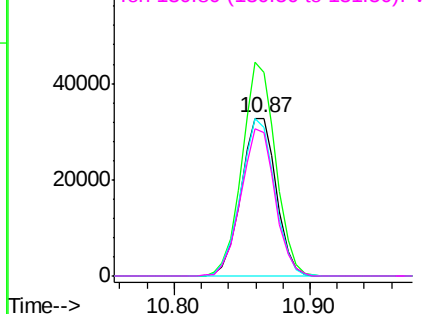
Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

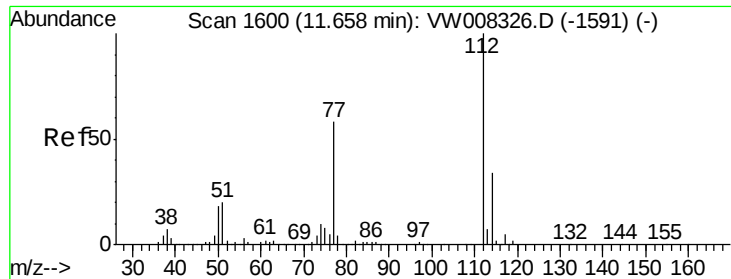


#64  
Tetrachloroethene  
Concen: 51.023 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 129.3 | 103.4 | 155.2 |
| 129     | 93.8  | 75.0  | 112.6 |
| 131     | 91.1  | 72.9  | 109.3 |

Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





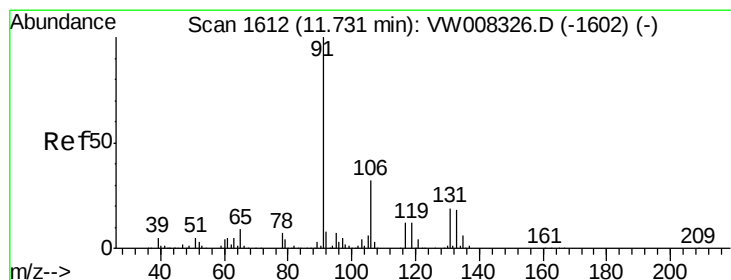
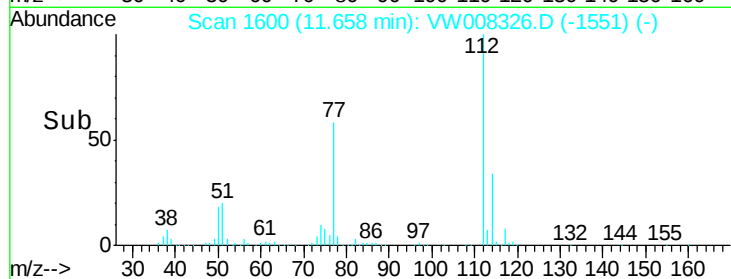
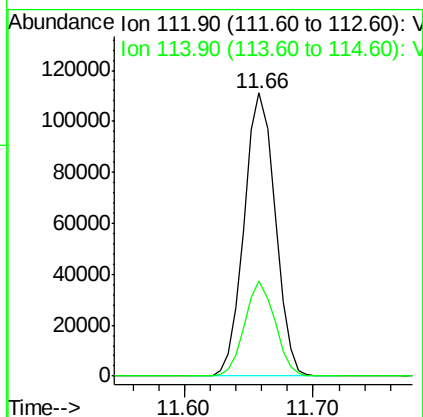
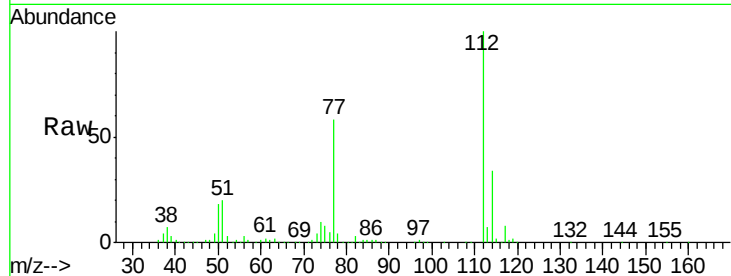
#65  
Chlorobenzene  
Concen: 51.643 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

Tot Ion:112 Resp: 185188  
Ion Ratio Lower Upper  
112 100  
114 33.6 26.9 40.3

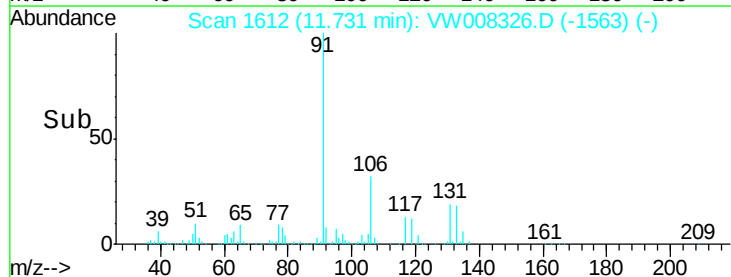
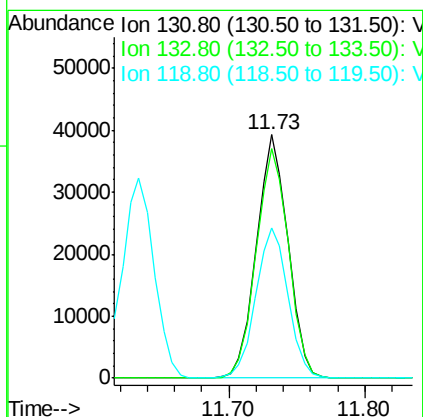
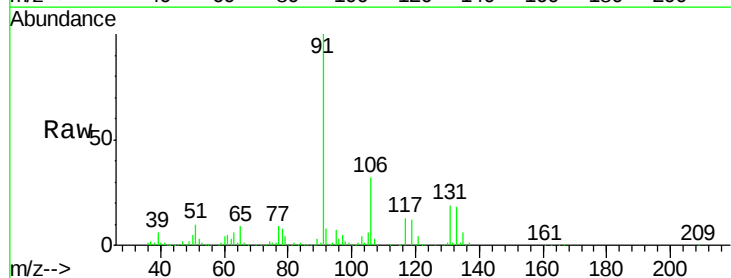
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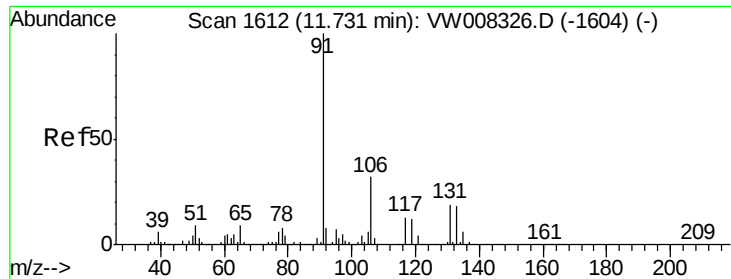
MMDadoda  
1/18/2019 2:09:39 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.834 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Tgt Ion:131 Resp: 63972  
Ion Ratio Lower Upper  
131 100  
133 96.4 48.2 144.6  
119 63.1 31.6 94.7





#67

Ethyl Benzene

Concen: 52.154 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 324728

Ion Ratio Lower Upper

91 100

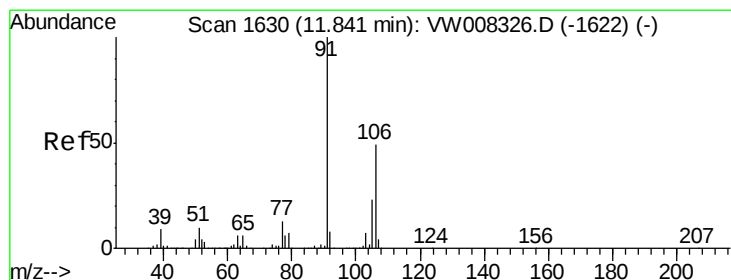
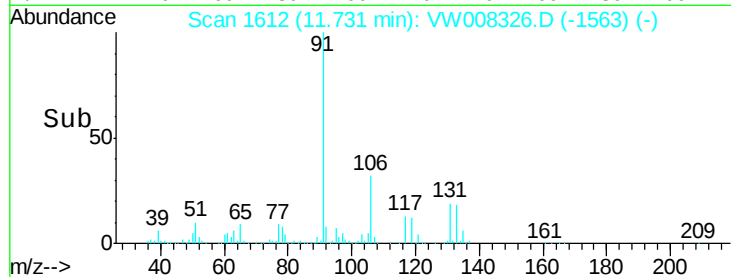
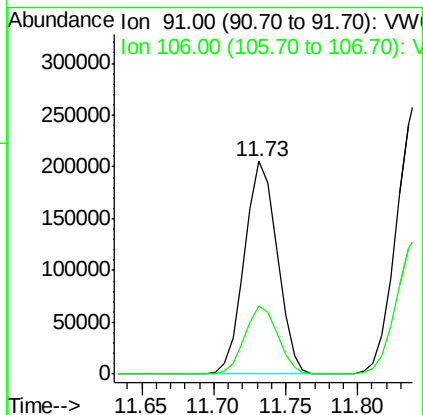
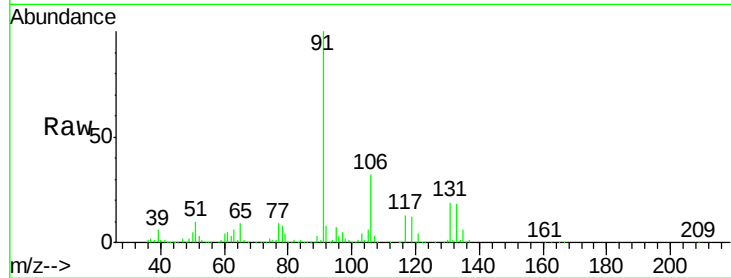
106 31.8 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 105.799 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008326.D

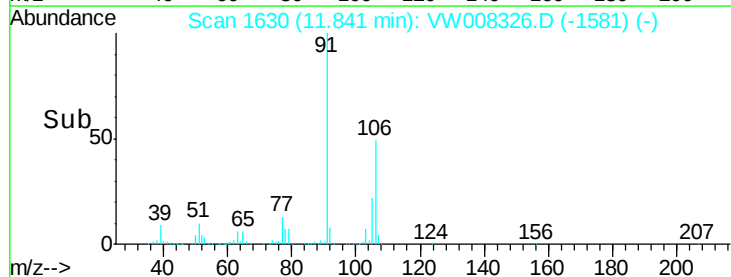
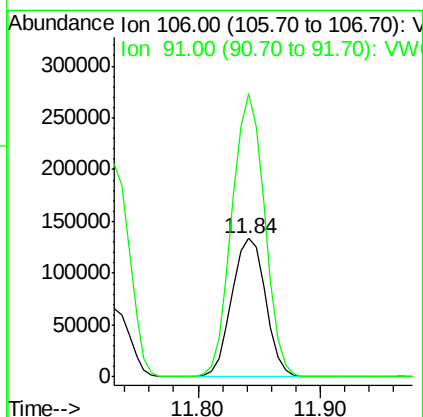
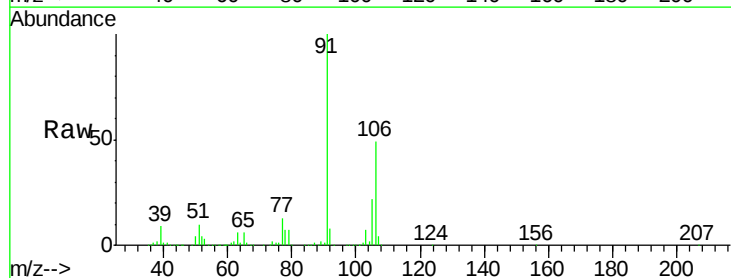
Acq: 17 Jan 2019 14:05

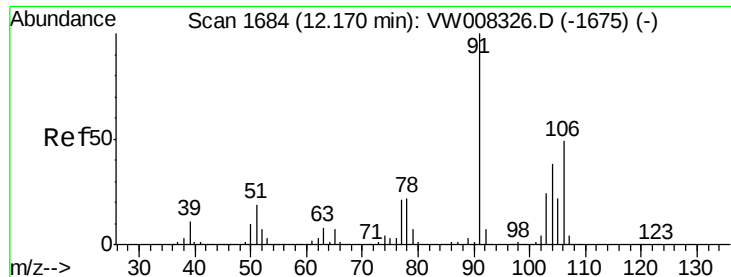
Tgt Ion: 106 Resp: 255685

Ion Ratio Lower Upper

106 100

91 198.0 158.4 237.6





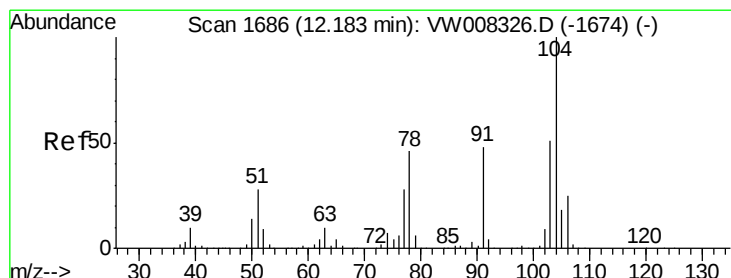
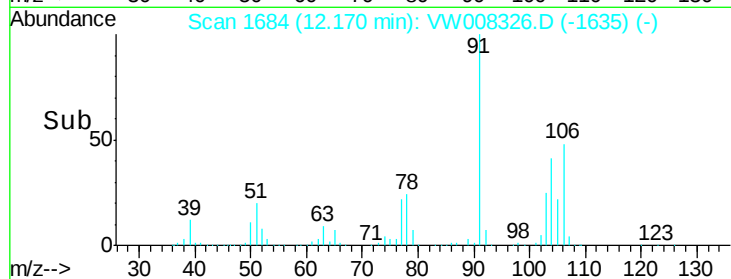
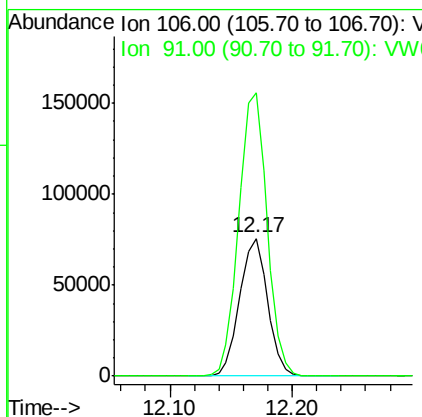
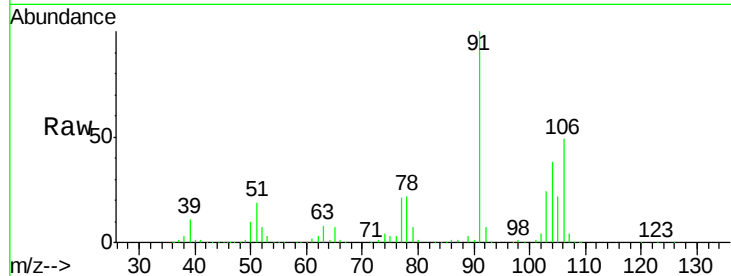
#69  
o-Xylene  
Concen: 53.140 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

Tot Ion:106 Resp: 119981  
Ion Ratio Lower Upper  
106 100  
91 208.2 104.1 312.3

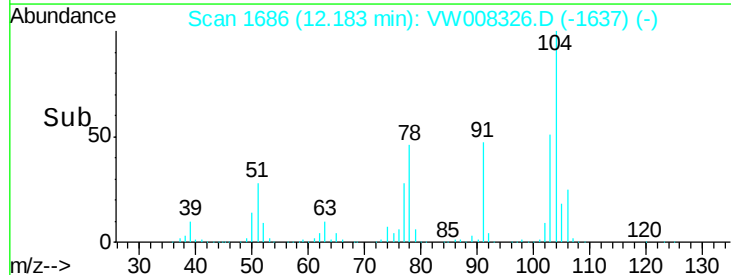
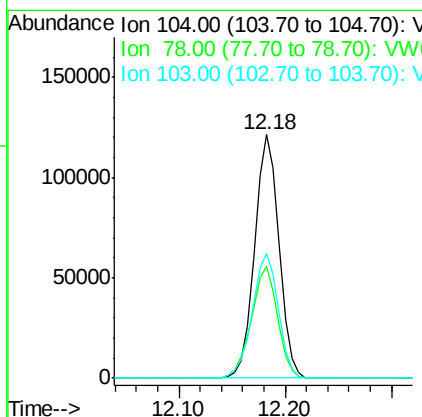
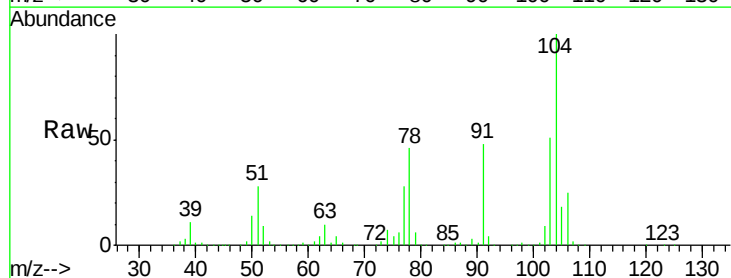
Manual Integrations  
APPROVED

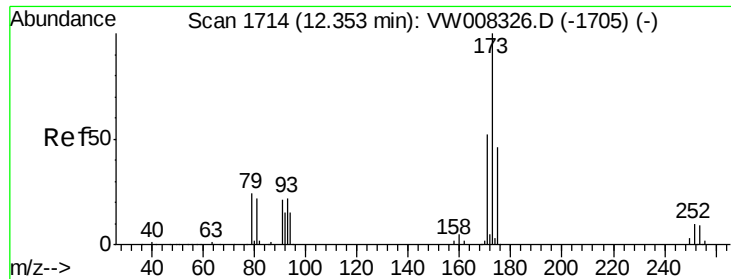
MMDadoda  
1/18/2019 2:09:39 PM



#70  
Styrene  
Concen: 53.608 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Tgt Ion:104 Resp: 194418  
Ion Ratio Lower Upper  
104 100  
78 49.7 39.8 59.6  
103 55.0 44.0 66.0





#71

Bromoform

Concen: 53.473 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 32876

Ion Ratio Lower Upper

173 100

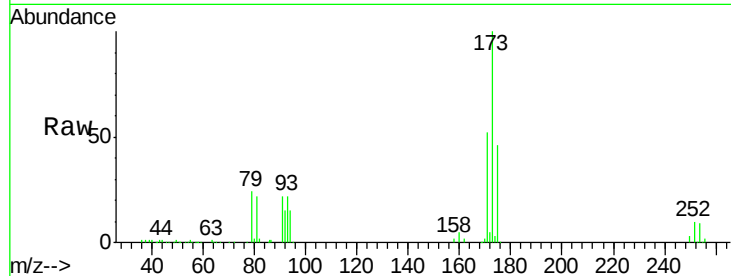
175 47.2 23.6 70.8

254 0.2 0.2 0.2

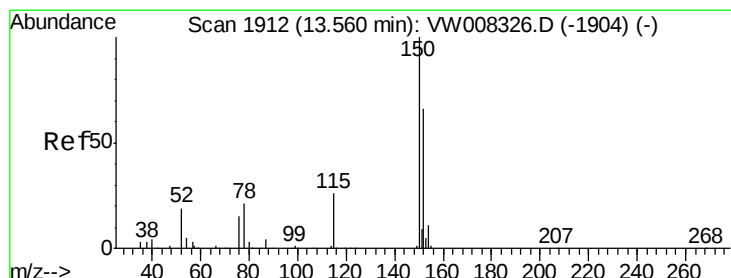
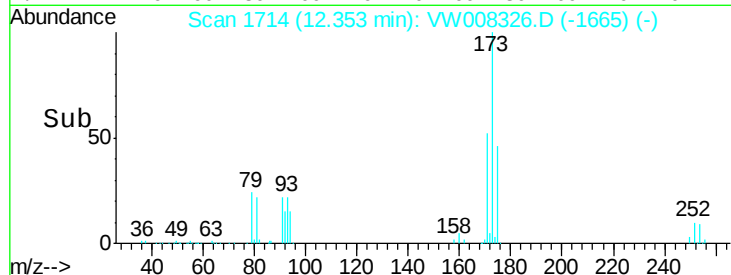
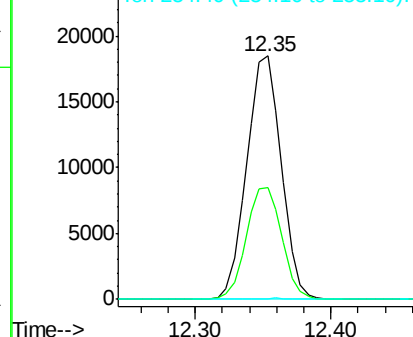
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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

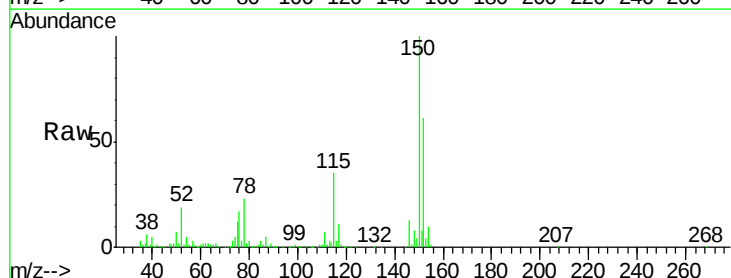
Tgt Ion:152 Resp: 83852

Ion Ratio Lower Upper

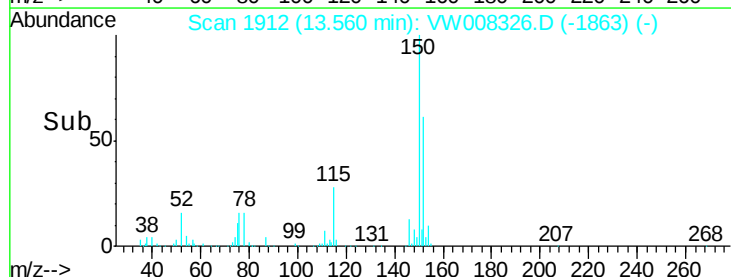
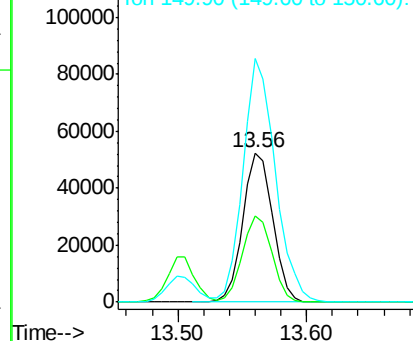
152 100

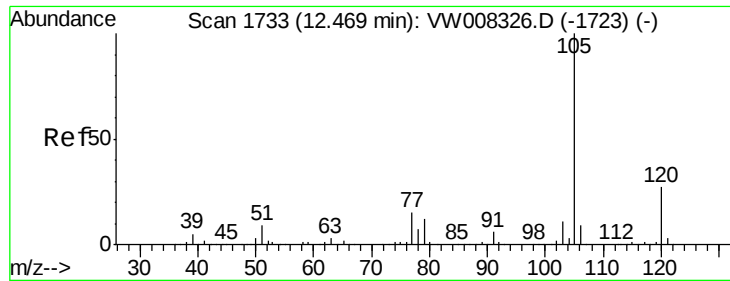
115 57.6 28.8 86.4

150 175.7 0.0 351.4



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: 52.455 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 320484

Ion Ratio Lower Upper

105 100

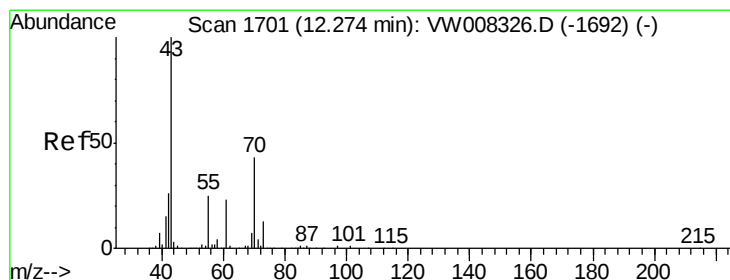
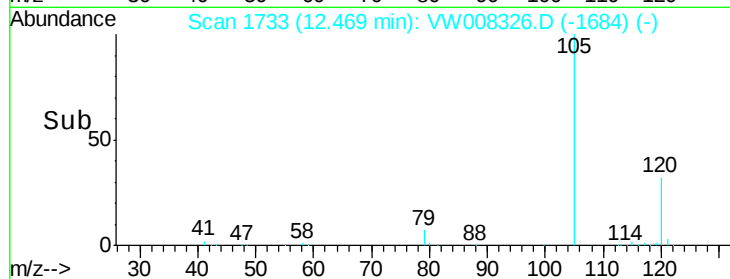
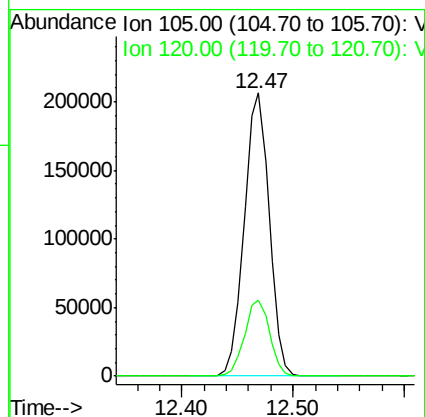
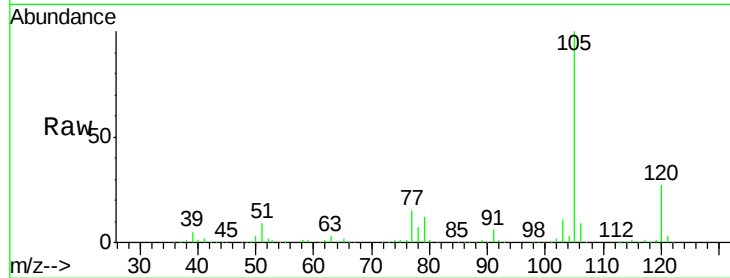
120 27.2 13.6 40.8

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#74

N-ethyl acetate

Concen: 52.112 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Tgt Ion: 43 Resp: 68231

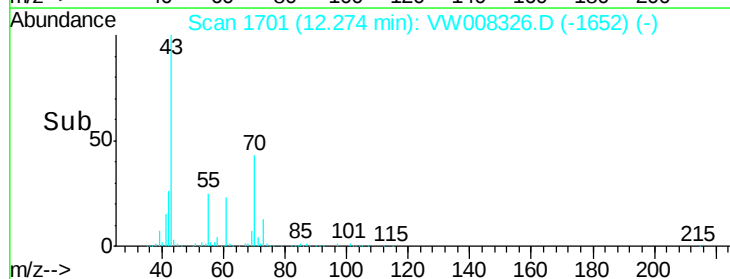
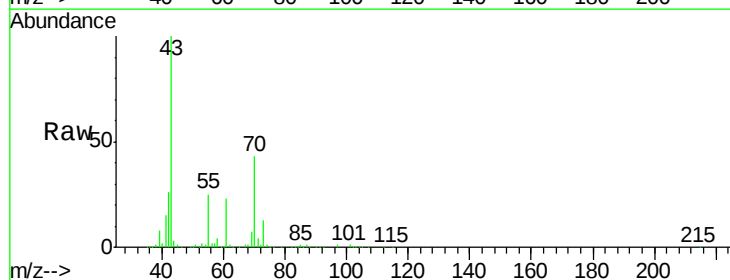
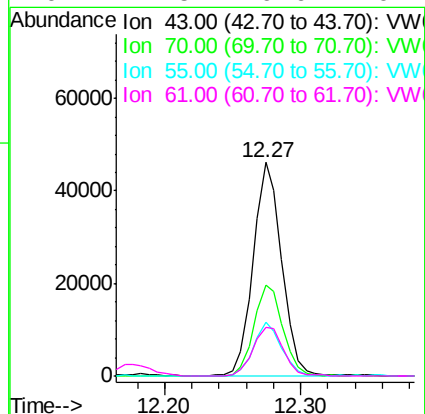
Ion Ratio Lower Upper

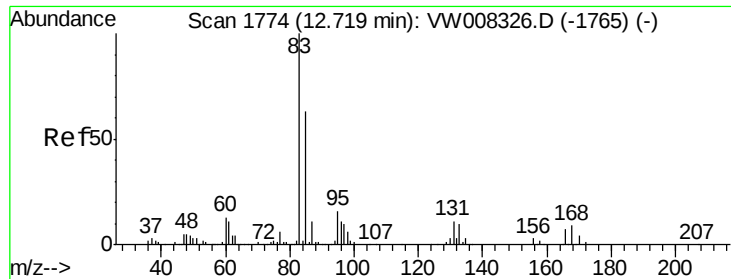
43 100

70 43.3 34.6 52.0

55 25.0 20.0 30.0

61 24.5 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.829 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

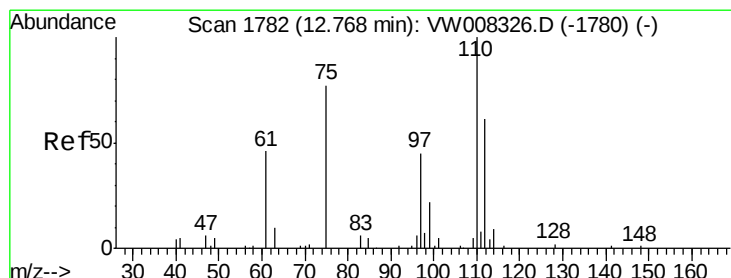
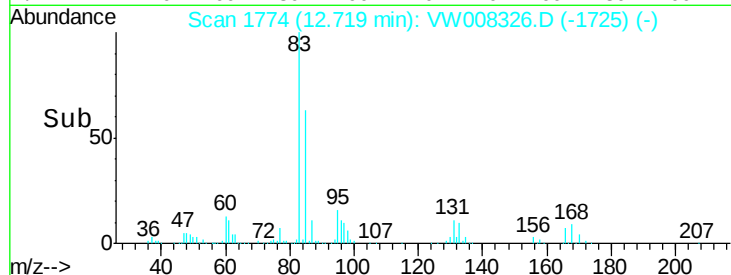
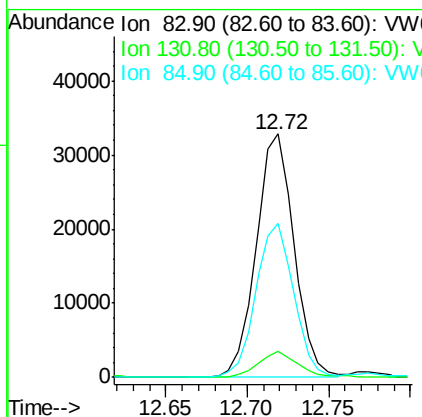
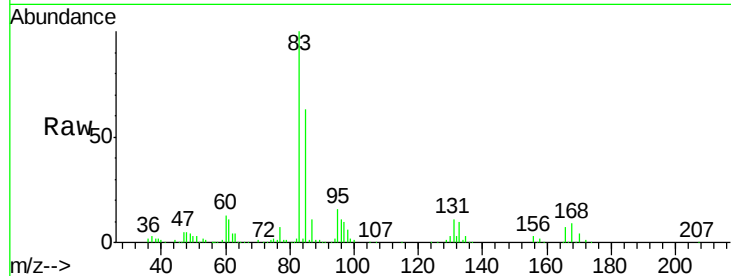
ClientSampleId :

VSTDICCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 52822 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.0  | 5.5   | 16.5  |
| 85        | 63.1  | 31.6  | 94.7  |

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#76

1,2,3-Trichloropropane

Concen: 46.659 ug/l m

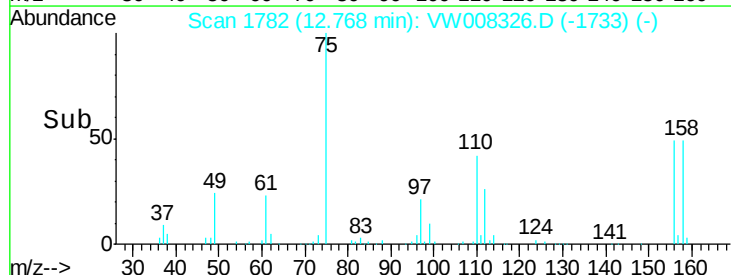
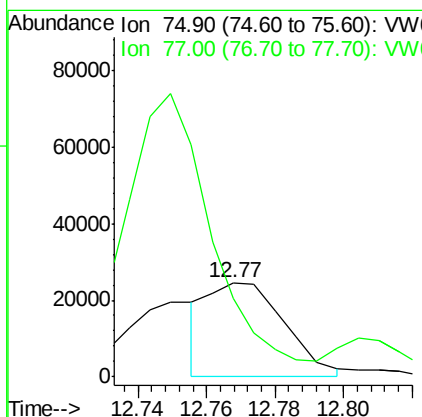
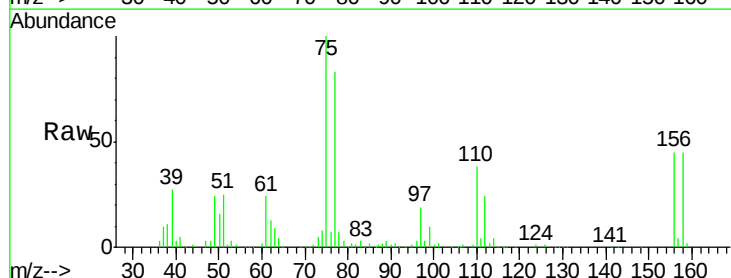
RT: 12.77 min Scan# 1782

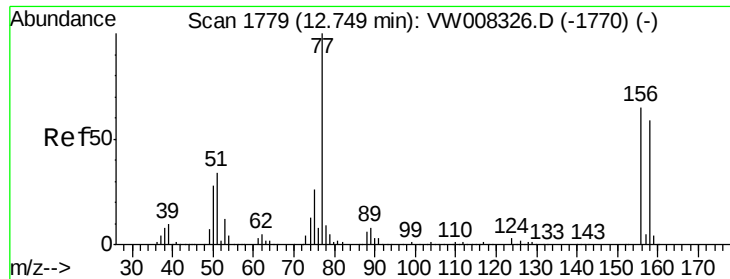
Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 38033 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 350.7 | 175.3 | 526.1 |





#77

Bromobenzene

Concen: 51.462 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

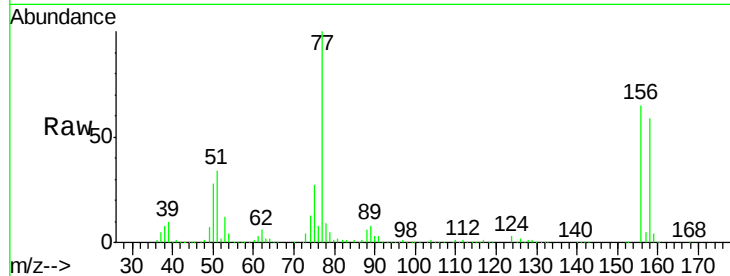
ClientSampled :

VSTDICCC050

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |
| 77      | 176.6 | 88.3  | 264.9 |       |
| 158     | 95.2  | 47.6  | 142.8 |       |

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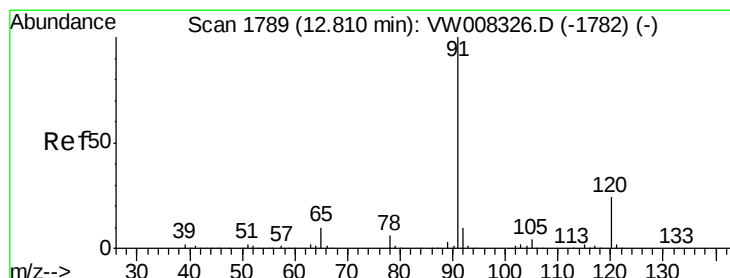
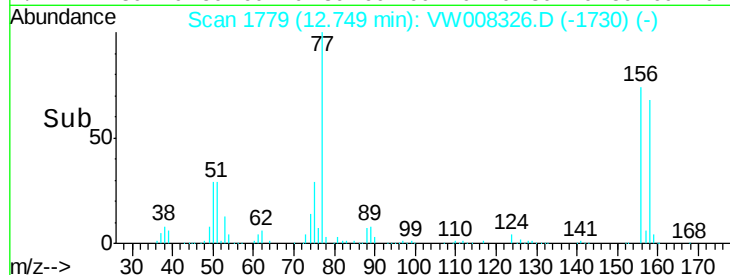
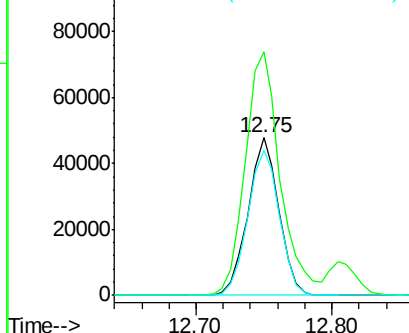


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.475 ug/l

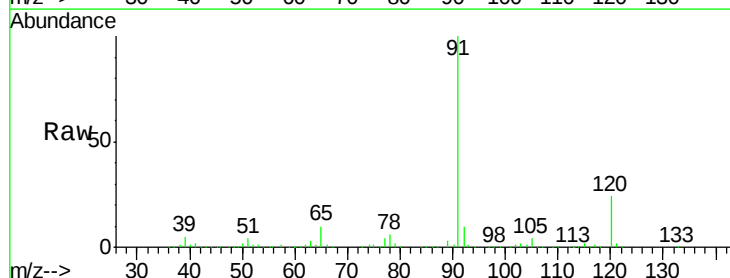
RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

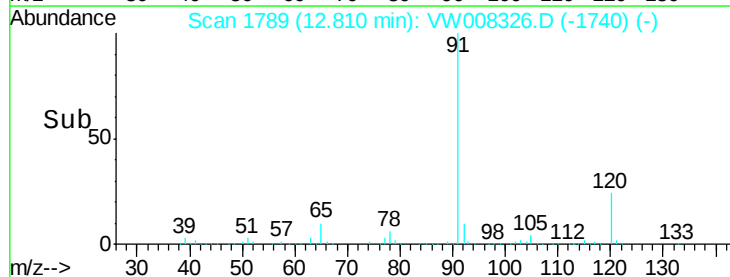
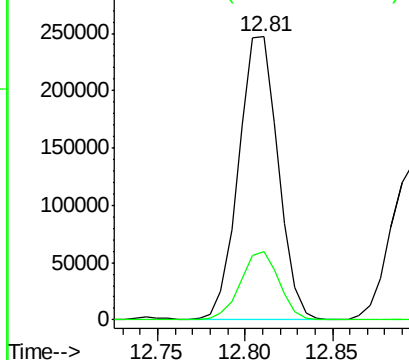
| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 120     | 23.8 | 11.9  | 35.7  |       |

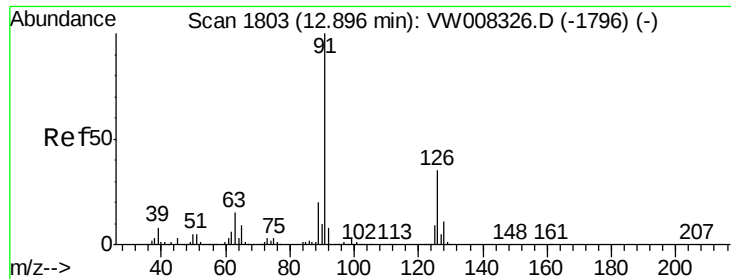


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.688 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 218392

Ion Ratio Lower Upper

91 100

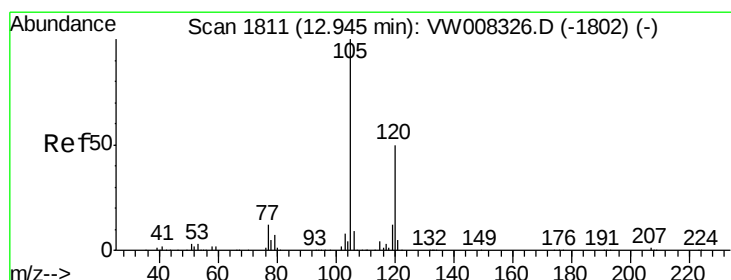
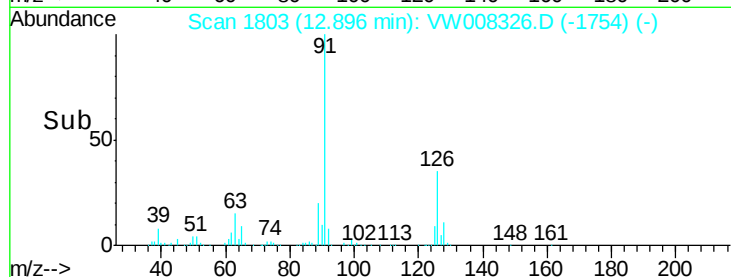
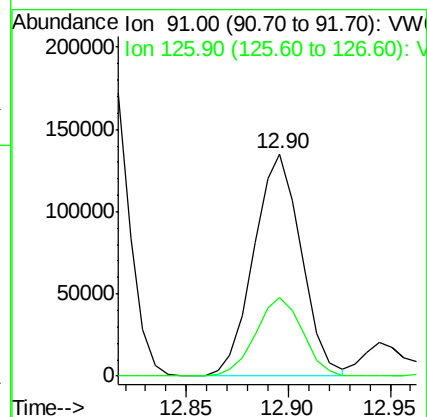
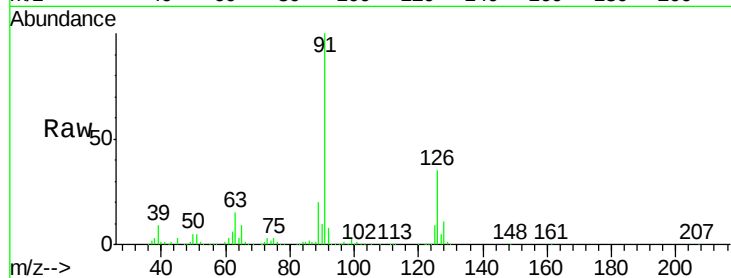
126 35.1 17.5 52.6

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#80

1,3,5-Trimethylbenzene

Concen: 52.358 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008326.D

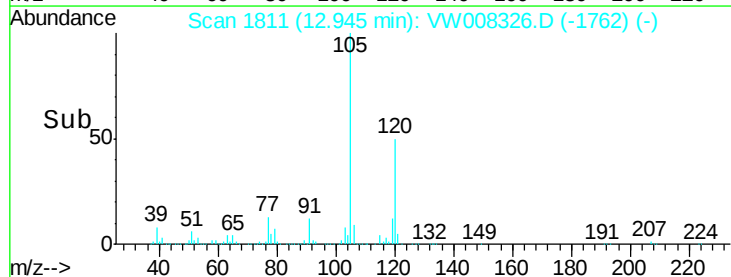
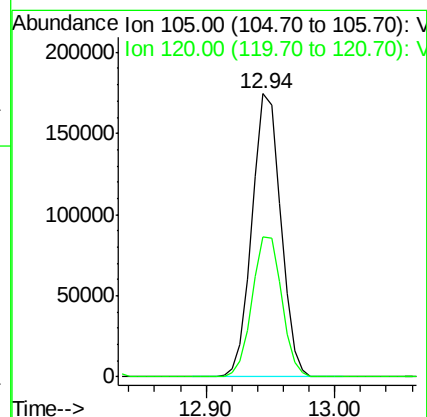
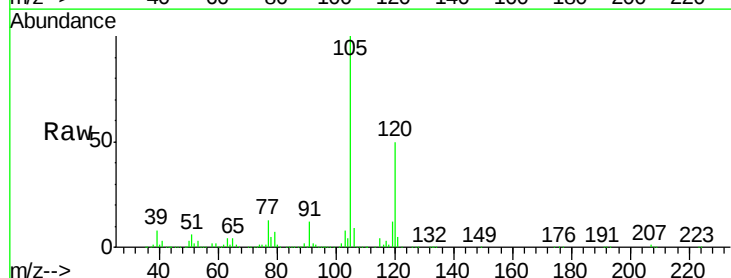
Acq: 17 Jan 2019 14:05

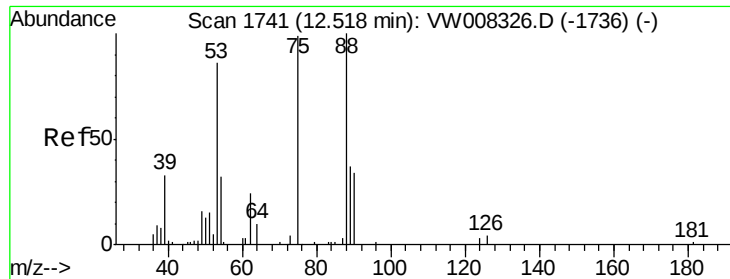
Tgt Ion:105 Resp: 266940

Ion Ratio Lower Upper

105 100

120 51.2 25.6 76.8





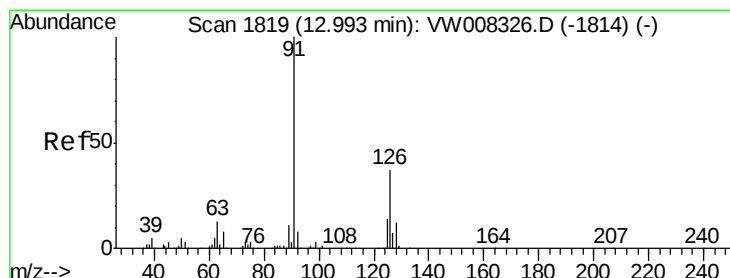
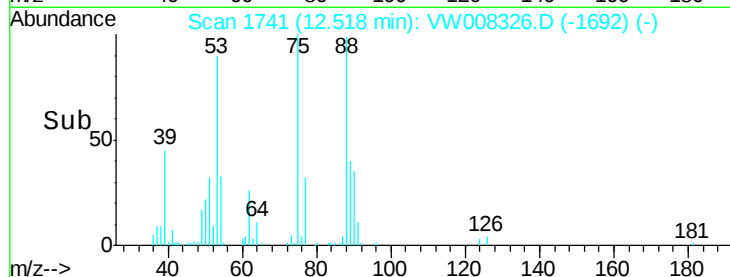
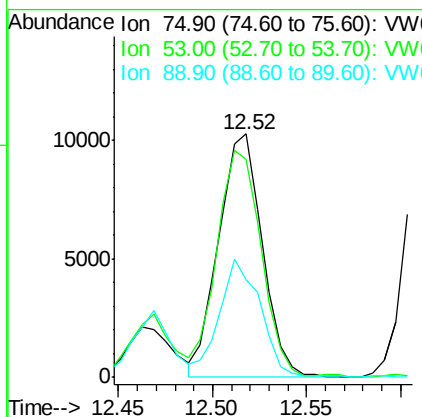
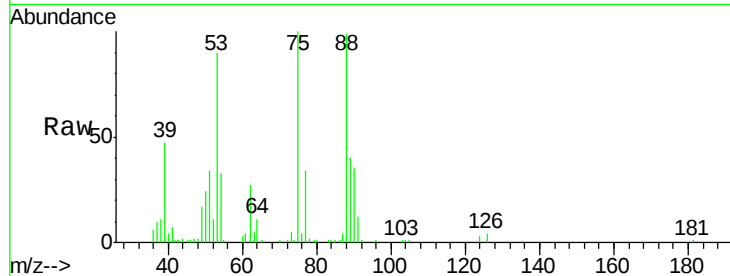
#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.729 ug/l  
RT: 12.52 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 95.3  | 76.2  | 114.4 |
| 89      | 45.9  | 36.7  | 55.1  |

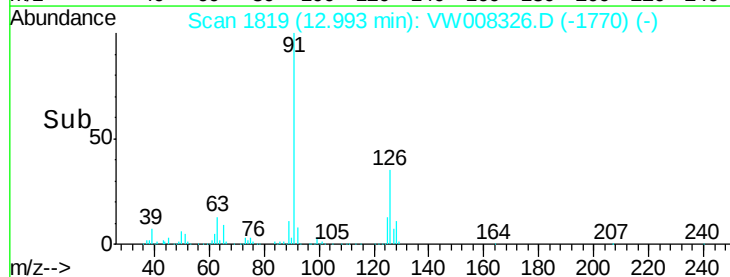
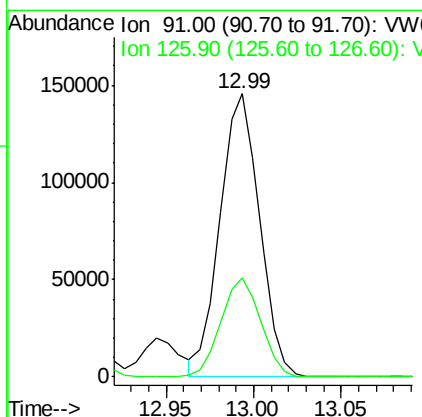
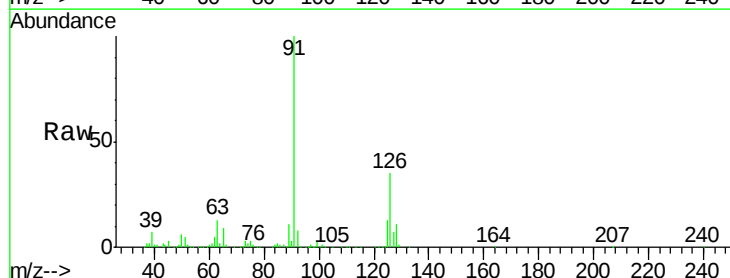
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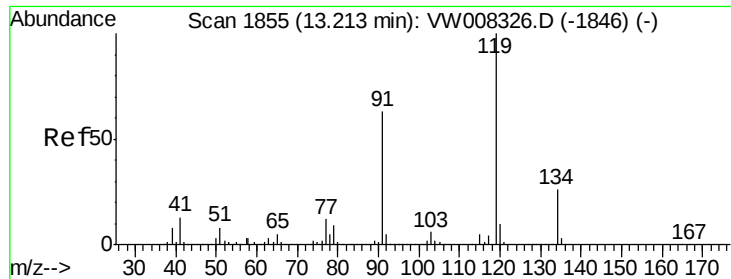
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#82  
4-Chlorotoluene  
Concen: 51.624 ug/l  
RT: 12.99 min Scan# 1819  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.5  | 17.8  | 53.3  |





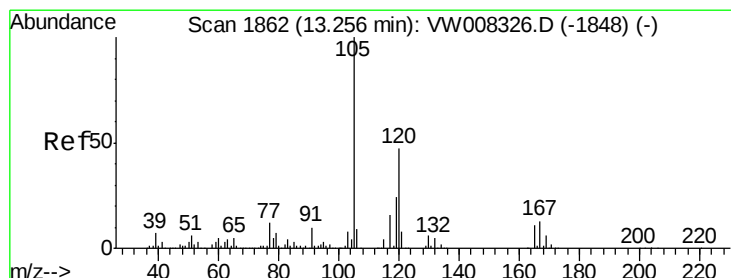
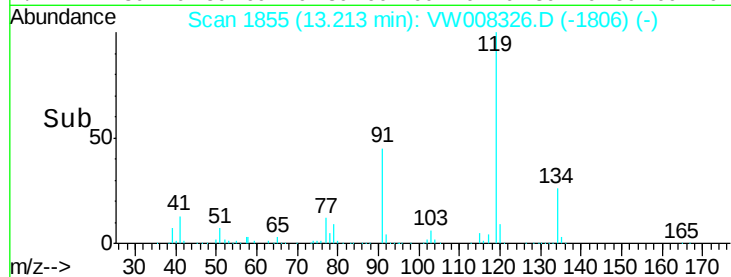
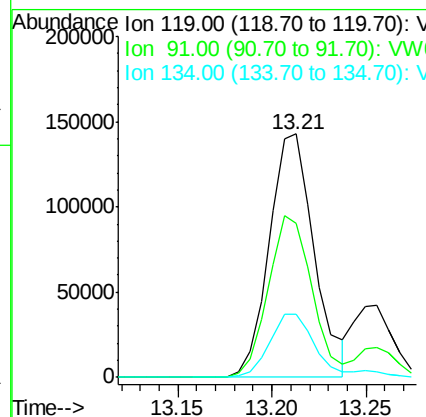
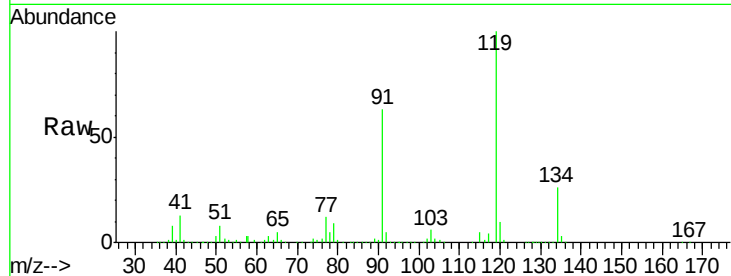
#83  
 tert-Butylbenzene  
 Concen: 52.658 ug/l  
 RT: 13.21 min Scan# 1855  
 Delta R.T. 0.00 min  
 Lab File: VW008326.D  
 Acq: 17 Jan 2019 14:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 236295 |       |       |
| 91      | 64.7  | 32.4   | 97.0  |       |
| 134     | 27.8  | 13.9   | 41.7  |       |

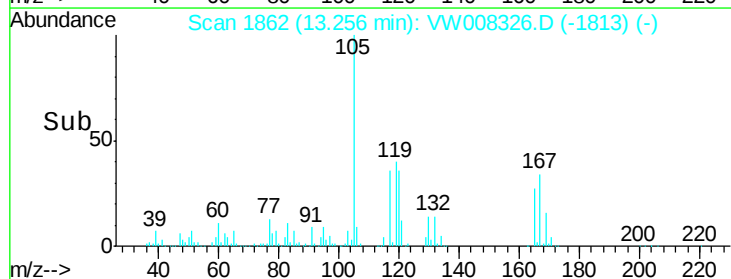
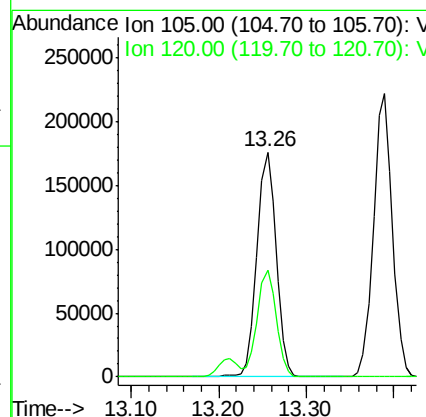
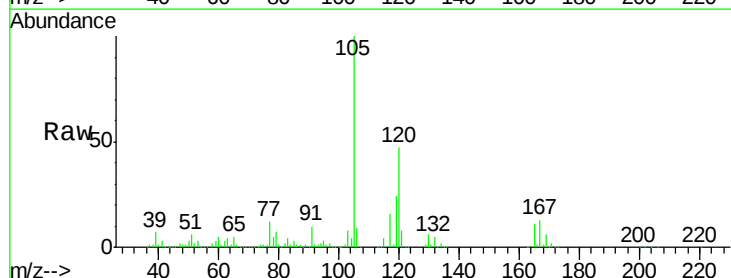
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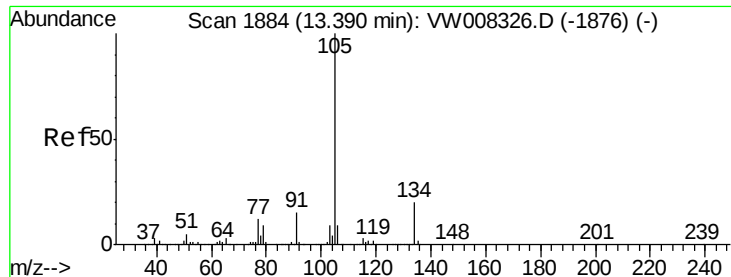
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.736 ug/l  
 RT: 13.26 min Scan# 1862  
 Delta R.T. 0.00 min  
 Lab File: VW008326.D  
 Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 268702 |       |       |
| 120     | 47.1  | 23.5   | 70.6  |       |





#85

sec-Butylbenzene

Concen: 51.787 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 333652

Ion Ratio Lower Upper

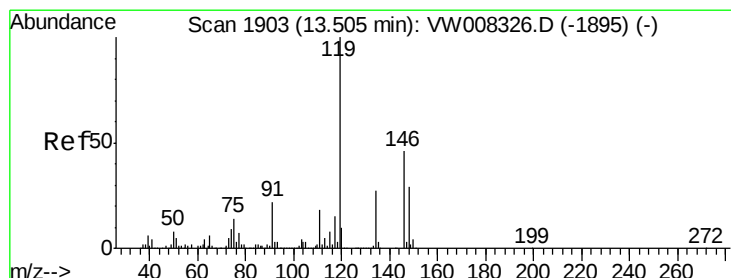
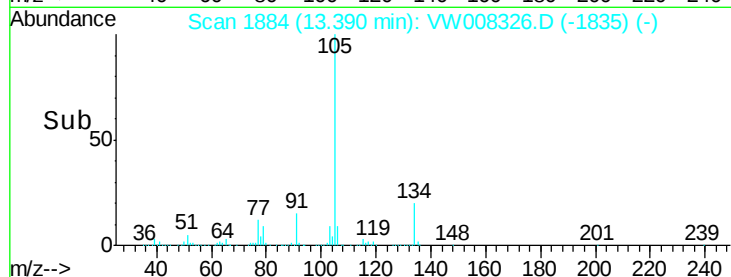
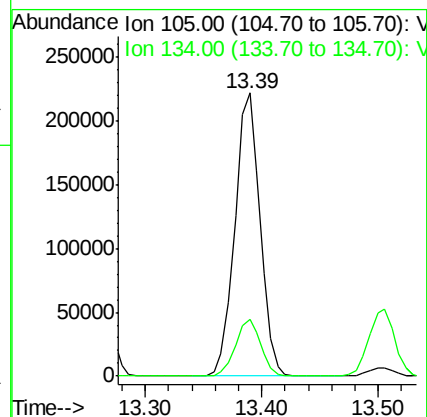
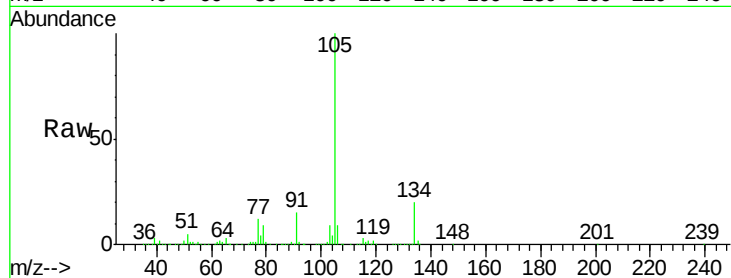
105 100

134 20.2 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 52.613 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

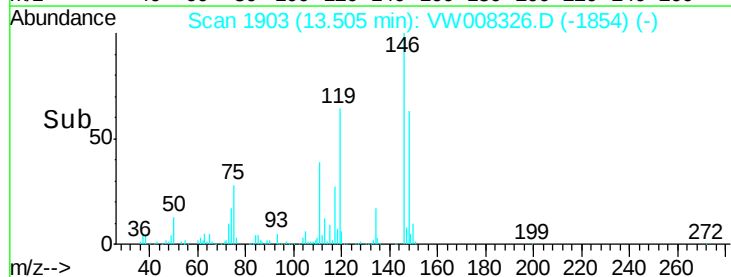
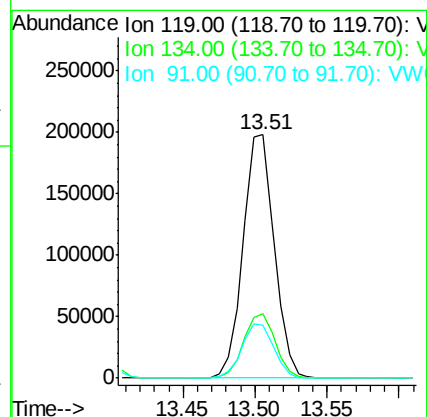
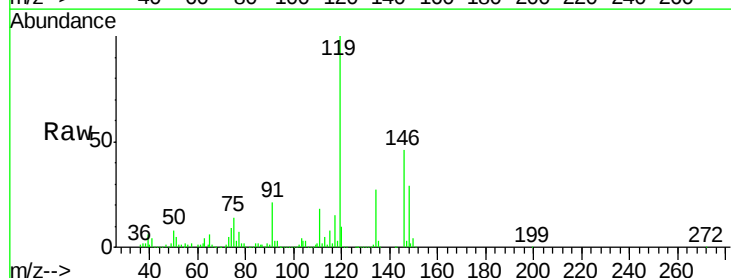
Tgt Ion:119 Resp: 296062

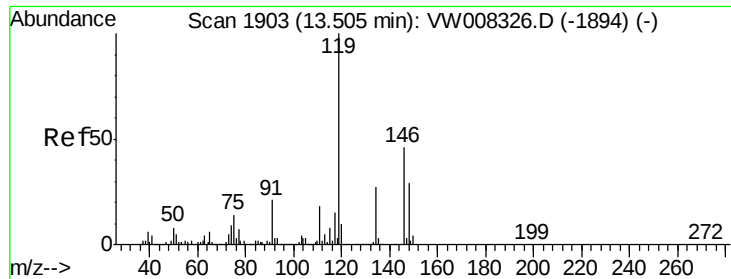
Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

91 22.8 11.4 34.2





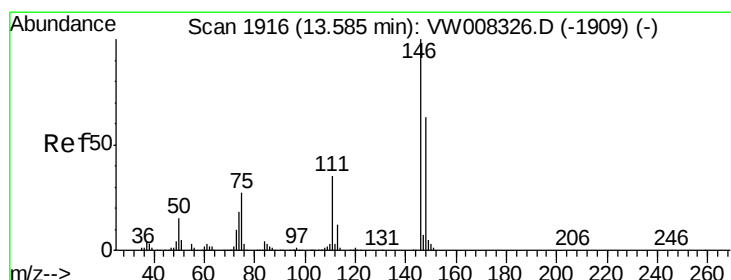
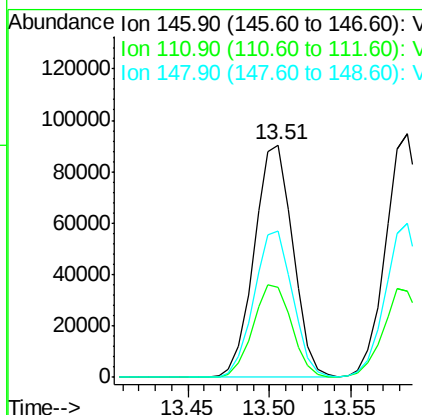
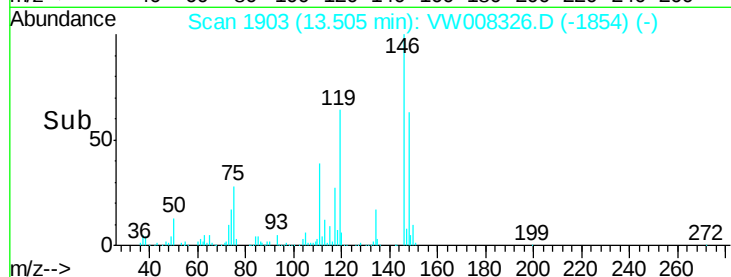
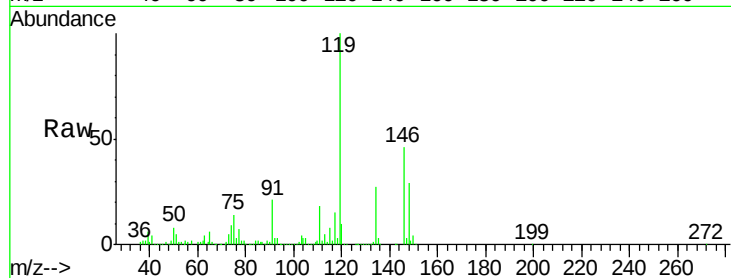
#87  
 1,3-Dichlorobenzene  
 Concen: 51.187 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: VW008326.D  
 Acq: 17 Jan 2019 14:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.8  | 19.9  | 59.7  |
| 148     | 62.9  | 31.4  | 94.3  |

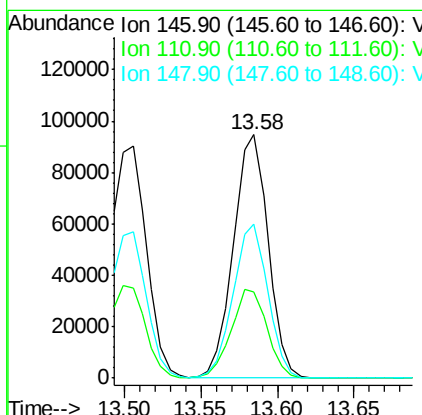
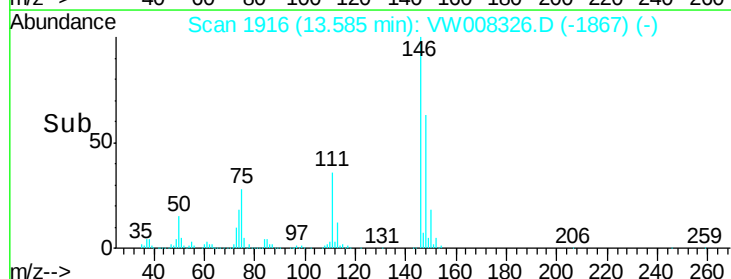
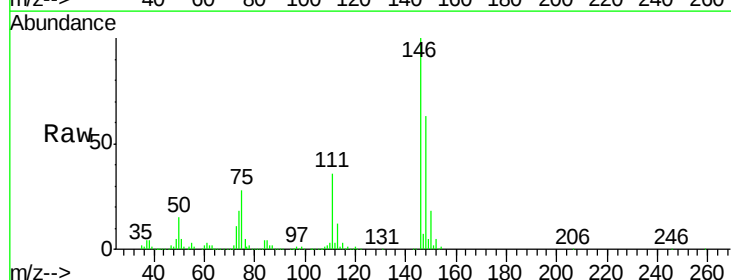
Manual Integrations  
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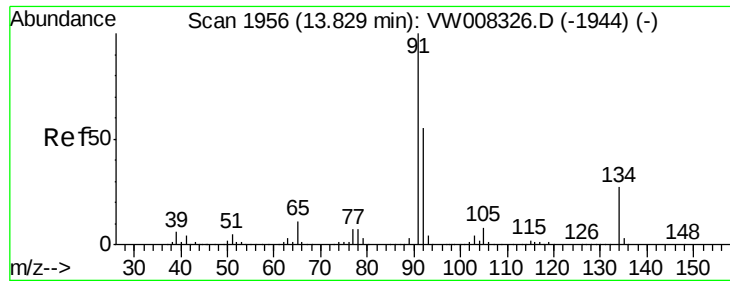
MMDadoda  
 1/18/2019 2:09:39 PM



#88  
 1,4-Dichlorobenzene  
 Concen: 51.179 ug/l  
 RT: 13.58 min Scan# 1916  
 Delta R.T. 0.00 min  
 Lab File: VW008326.D  
 Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.7  | 18.9  | 56.5  |
| 148     | 63.2  | 31.6  | 94.8  |





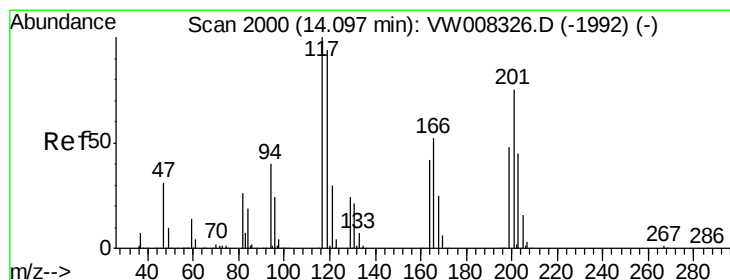
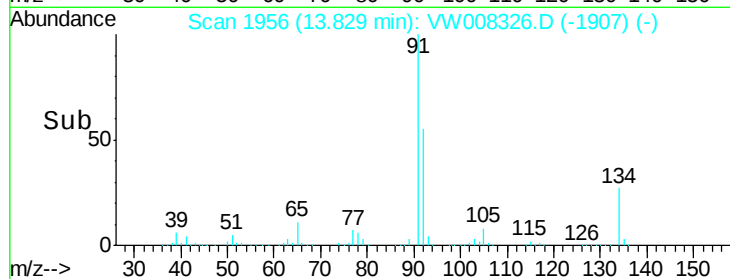
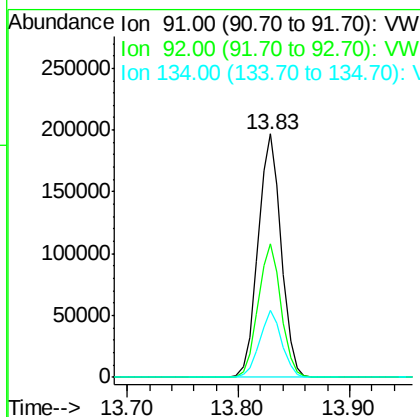
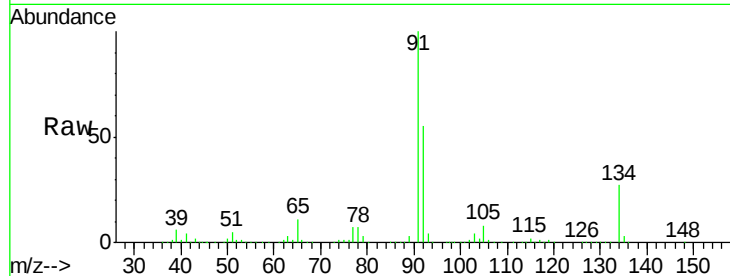
#89  
n-Butylbenzene  
Concen: 52.711 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 54.4  | 27.2 | 81.6  |       |
| 134     | 26.7  | 13.4 | 40.1  |       |

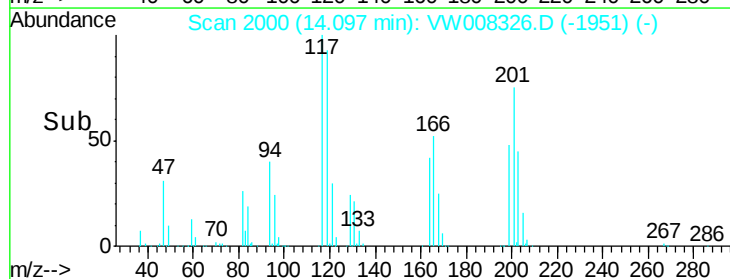
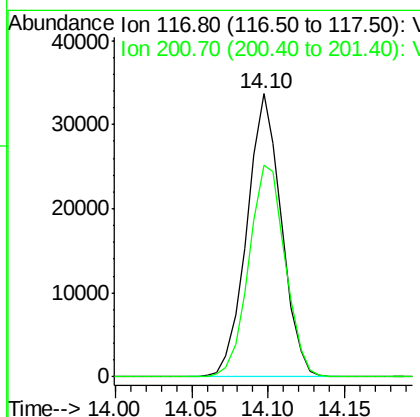
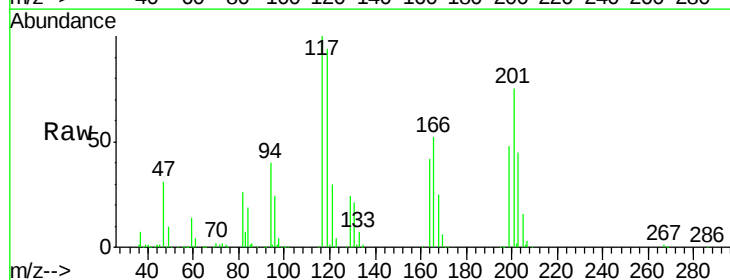
Manual Integrations  
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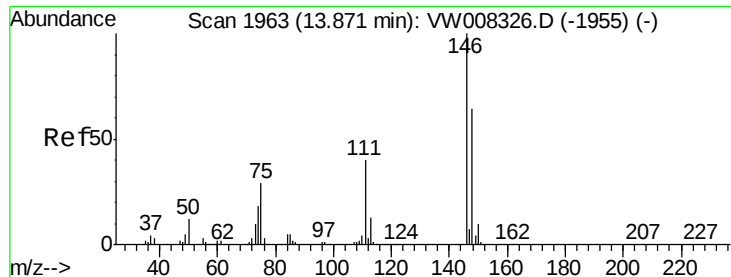
MMDadoda  
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#90  
Hexachloroethane  
Concen: 50.630 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: VW008326.D  
Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 201     | 78.6  | 39.3 | 117.9 |       |





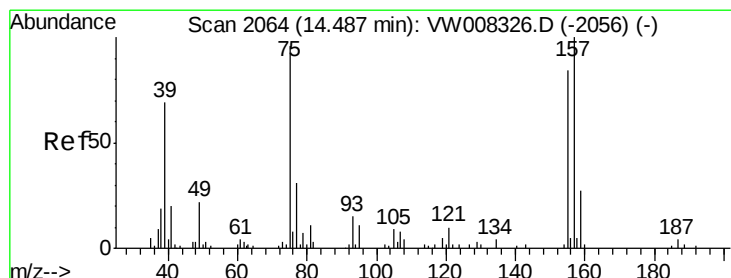
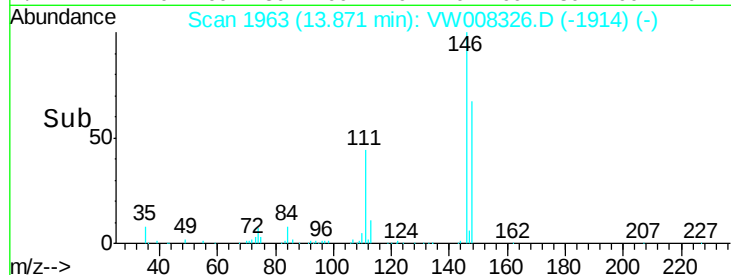
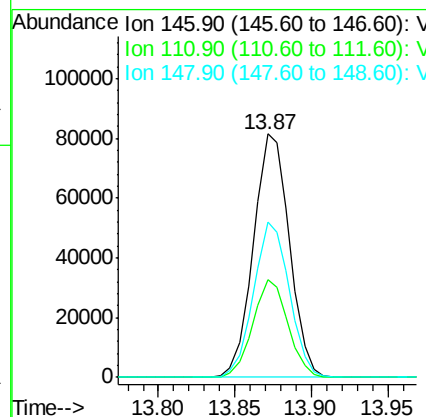
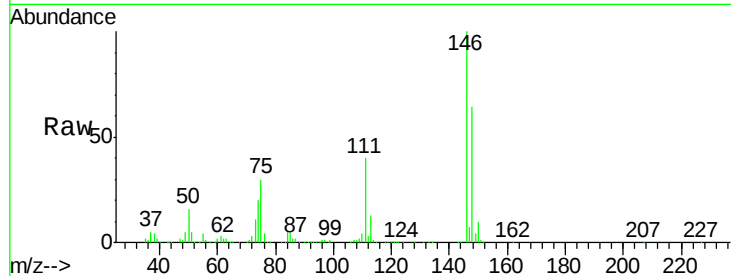
#91  
 1,2-Dichlorobenzene  
 Concen: 51.789 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. 0.00 min  
 Lab File: VW008326.D  
 Acq: 17 Jan 2019 14:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.2  | 19.6  | 58.8  |
| 148     | 63.4  | 31.7  | 95.1  |

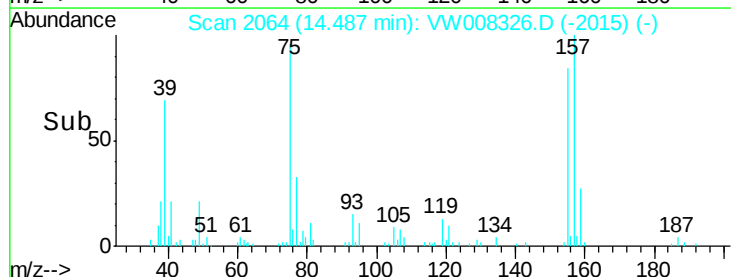
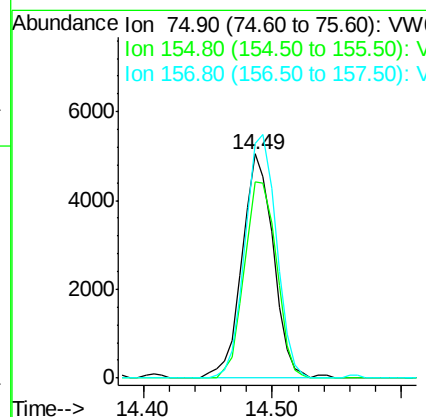
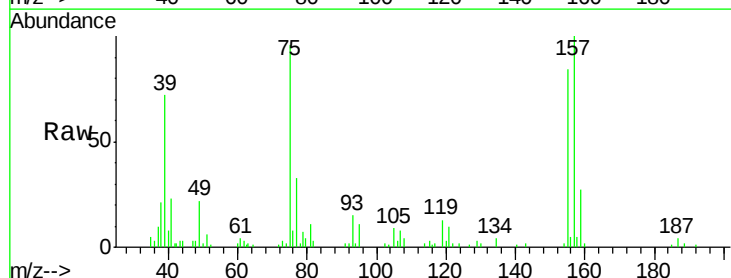
Manual Integrations  
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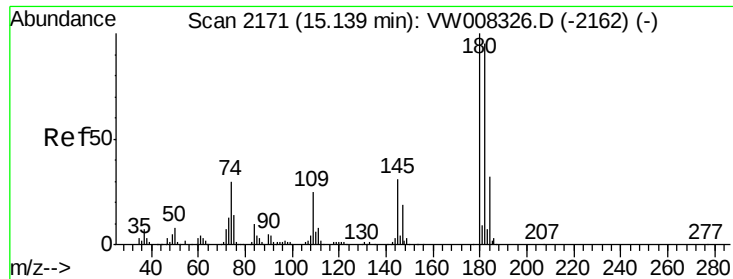
MMDadoda  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.098 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. 0.00 min  
 Lab File: VW008326.D  
 Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 89.4  | 44.7  | 134.1 |
| 157     | 107.9 | 53.9  | 161.8 |





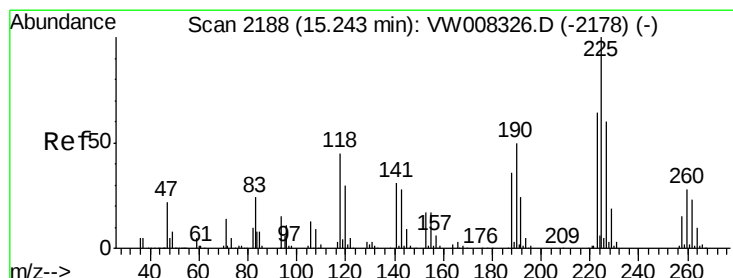
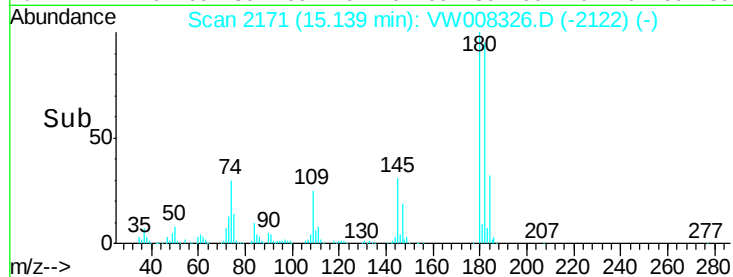
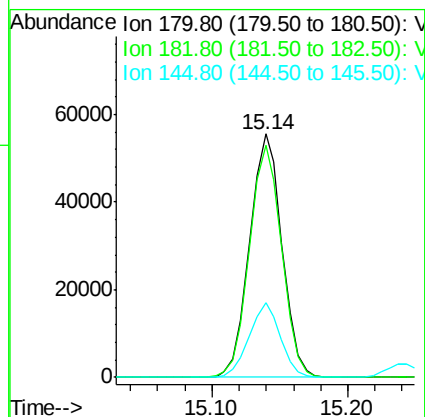
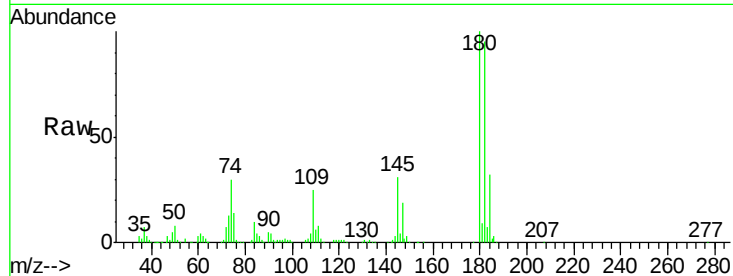
#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.010 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. 0.00 min  
 Lab File: VW008326.D  
 Acq: 17 Jan 2019 14:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.2  | 47.6  | 142.8 |
| 145     | 29.6  | 14.8  | 44.4  |

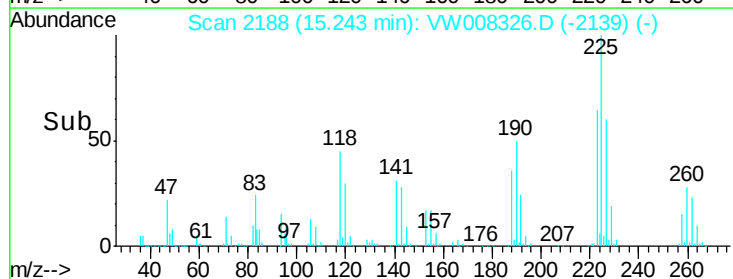
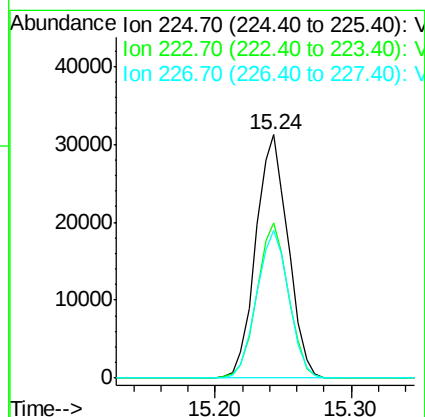
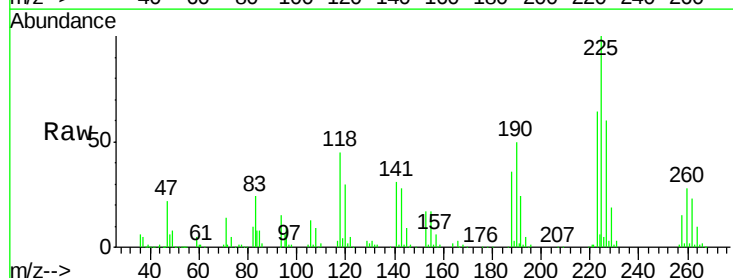
Manual Integrations  
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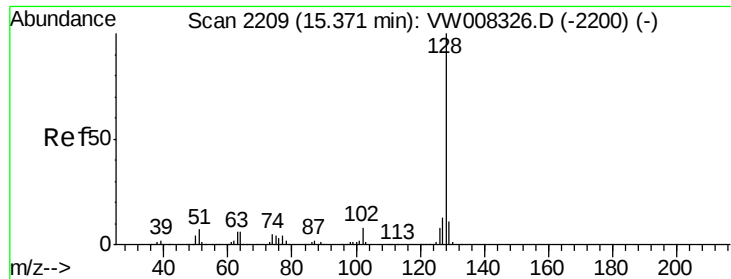
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#94  
 Hexachlorobutadiene  
 Concen: 52.973 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. 0.00 min  
 Lab File: VW008326.D  
 Acq: 17 Jan 2019 14:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.2  | 31.1  | 93.3  |
| 227     | 60.5  | 30.3  | 90.8  |





#95

Naphthalene

Concen: 55.626 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

Instrument :

MSVOA\_W

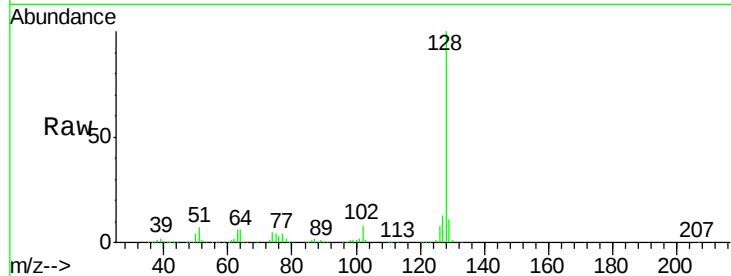
ClientSampleId :

VSTDICCC050

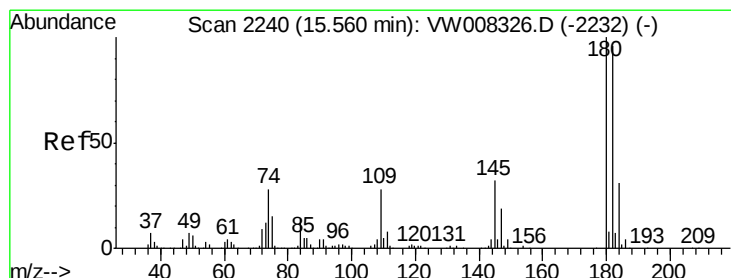
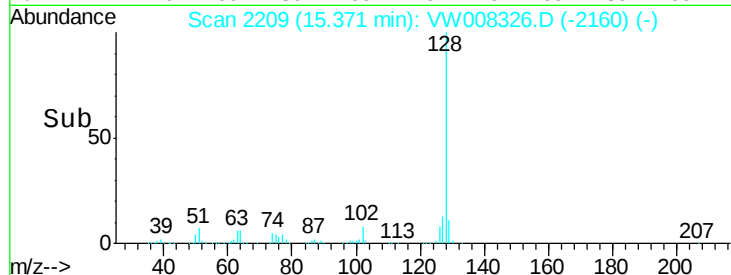
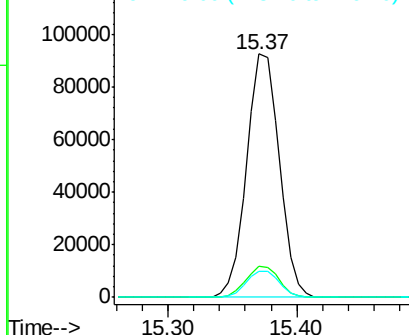
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 161988 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.1  | 10.5  | 15.7   |
| 129       | 11.0  | 8.8   | 13.2   |

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Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.207 ug/l

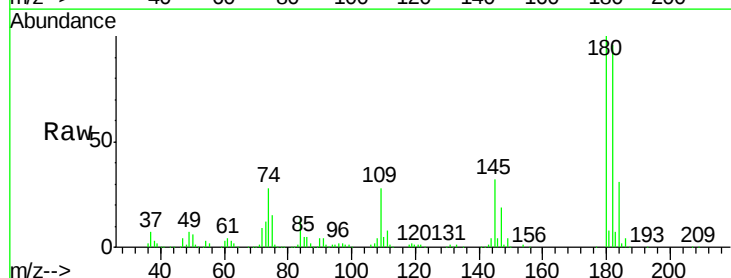
RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW008326.D

Acq: 17 Jan 2019 14:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 79247 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.6  | 47.3  | 141.9 |
| 145       | 32.4  | 16.2  | 48.6  |



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

