

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\  
 Data File : VW005001.D  
 Acq On : 29 Aug 2018 13:53  
 Operator : SY/AP  
 Sample : VSTDIC075  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC075

Manual Integrations  
 APPROVED

apatel  
 8/30/2018 12:43:39 PM

Quant Time: Aug 30 01:39:58 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W082918S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 30 01:20:44 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.96  | 168  | 507645   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 709682   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 711028   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 397555   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 229741   | 66.16 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 132.32% |      |
| 35) Dibromofluoromethane  | 7.89   | 113 | 233469   | 66.39 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 132.78% |      |
| 50) Toluene-d8            | 10.33  | 98  | 1422467  | 73.67 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 147.34% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 519552   | 73.81 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 147.62% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 286415  | 65.309  | ug/l | 99     |
| 3) Chloromethane              | 2.21 | 50  | 417136  | 66.973  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.36 | 62  | 422517  | 67.960  | ug/l | 98     |
| 5) Bromomethane               | 2.76 | 94  | 265235  | 65.266  | ug/l | 96     |
| 6) Chloroethane               | 2.92 | 64  | 248693  | 67.646  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 412692  | 64.199  | ug/l | 98     |
| 8) Diethyl Ether              | 3.69 | 74  | 124376  | 68.047  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 255353  | 64.358  | ug/l | 100    |
| 10) Methyl Iodide             | 4.28 | 142 | 445859  | 82.161  | ug/l | 100    |
| 11) Tert butyl alcohol        | 5.18 | 59  | 80650   | 389.100 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 243364  | 65.652  | ug/l | 98     |
| 13) Acrolein                  | 3.90 | 56  | 111985  | 378.196 | ug/l | 100    |
| 14) Allyl chloride            | 4.68 | 41  | 389666  | 68.266  | ug/l | 99     |
| 15) Acrylonitrile             | 5.38 | 53  | 345289  | 370.437 | ug/l | 100    |
| 16) Acetone                   | 4.14 | 43  | 282967  | 361.347 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.38 | 76  | 1104383 | 70.879  | ug/l | 99     |
| 18) Methyl Acetate            | 4.68 | 43  | 130581  | 68.844  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 573562  | 72.002  | ug/l | 99     |
| 20) Methylene Chloride        | 4.92 | 84  | 382877  | 58.025  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 5.43 | 96  | 267679  | 66.505  | ug/l | 98     |
| 22) Diisopropyl ether         | 6.32 | 45  | 904859  | 77.655  | ug/l | 98     |
| 23) Vinyl Acetate             | 6.26 | 43  | 2254717 | 378.472 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.23 | 63  | 465218  | 65.987  | ug/l | 100    |
| 25) 2-Butanone                | 7.18 | 43  | 436226  | 357.222 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 395467  | 63.908  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.18 | 96  | 292584  | 66.822  | ug/l | 99     |
| 28) Bromochloromethane        | 7.52 | 49  | 208955  | 67.403  | ug/l | 98     |
| 29) Tetrahydrofuran           | 7.54 | 42  | 226575  | 367.287 | ug/l | 99     |
| 30) Chloroform                | 7.68 | 83  | 454487  | 65.540  | ug/l | 99     |
| 31) Cyclohexane               | 7.96 | 56  | 512940  | 68.648  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.88 | 97  | 426058  | 66.774  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 434249  | 72.216  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.26 | 43  | 159629  | 73.649  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 385428  | 66.232  | ug/l | 98     |

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 Sample : VSTDIC075  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VSTDIC075

Manual Integrations  
 APPROVED

apatel  
 8/30/2018 12:43:39 PM

Quant Time: Aug 30 01:39:58 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W082918S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 30 01:20:44 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 642217   | 77.476   | ug/l   | 97       |
| 40) Benzene                    | 8.33  | 78   | 1411714  | 73.344   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.49  | 41   | 84028    | 66.526   | ug/l # | 91       |
| 42) 1,2-Dichloroethane         | 8.41  | 62   | 282343   | 65.923   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 324294   | 75.194   | ug/l   | 98       |
| 44) Trichloroethene            | 9.10  | 130  | 353234   | 71.849   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 317922   | 72.192   | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 140173   | 67.251   | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.65  | 83   | 347802   | 67.531   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.44  | 41   | 187090   | 81.704   | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 65274    | 1509.098 | ug/l # | 100      |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 1263716  | 391.232  | ug/l   | 100      |
| 52) Toluene                    | 10.39 | 92   | 1049642  | 73.504   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 421050   | 76.550   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 472135   | 73.611   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 243403   | 71.345   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 360263   | 80.507   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 415213   | 73.962   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 776660   | 402.854  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 918446   | 392.717  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 278627   | 74.414   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 242119   | 75.700   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.87 | 164  | 380588   | 73.415   | ug/l   | 98       |
| 65) Chlorobenzene              | 11.66 | 112  | 1150458  | 73.645   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 323926   | 75.497   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.74 | 91   | 2051029  | 76.677   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.85 | 106  | 1676686  | 153.683  | ug/l   | 99       |
| 69) o-Xylene                   | 12.17 | 106  | 771952   | 77.435   | ug/l   | 99       |
| 70) Styrene                    | 12.19 | 104  | 1302325  | 78.751   | ug/l   | 100      |
| 71) Bromoform                  | 12.35 | 173  | 183905   | 77.087   | ug/l   | 100      |
| 73) Isopropylbenzene           | 12.47 | 105  | 2081495  | 78.542   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.28 | 43   | 405146   | 81.010   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 308334   | 76.841   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 204124m  | 41.133   | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 485805   | 74.712   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.81 | 91   | 2550054  | 78.007   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 1426895  | 75.575   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 1833784  | 78.318   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 99733    | 80.051   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 1526608  | 75.889   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 1554651  | 79.052   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 1849664  | 77.855   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.39 | 105  | 2256748  | 78.173   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 2029526  | 78.471   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 1021754  | 74.123   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.59 | 146  | 995367   | 72.898   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.83 | 91   | 1910200  | 78.676   | ug/l   | 100      |
| 90) Hexachloroethane           | 14.10 | 117  | 306727   | 75.446   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 895176   | 73.773   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 51945    | 74.954   | ug/l   | 99       |

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Data File : VW005001.D  
Acq On : 29 Aug 2018 13:53  
Operator : SY/AP  
Sample : VSTDICC075  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC075

Manual Integrations  
APPROVED

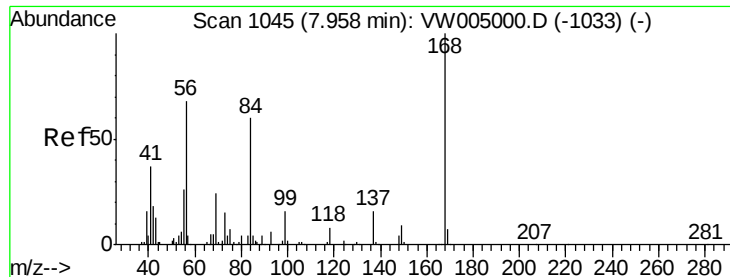
apatel  
8/30/2018 12:43:39 PM

Quant Time: Aug 30 01:39:58 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W082918S.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 30 01:20:44 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.15 | 180  | 638798   | 75.144 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 390394   | 73.365 | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 1122006  | 80.449 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 557269   | 74.205 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC075

Tot Ion:168 Resp: 507645

Ion Ratio Lower Upper

168 100

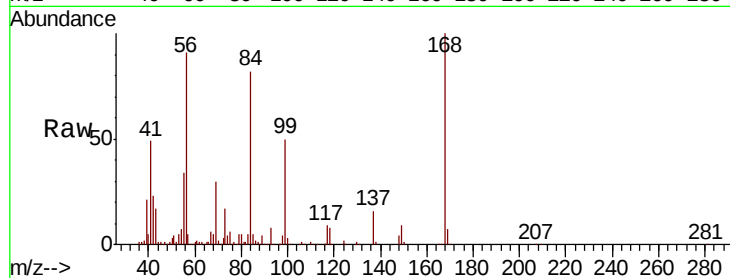
99 50.0 40.2 60.2

Manual Integrations

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8/30/2018 12:43:39 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

250000

200000

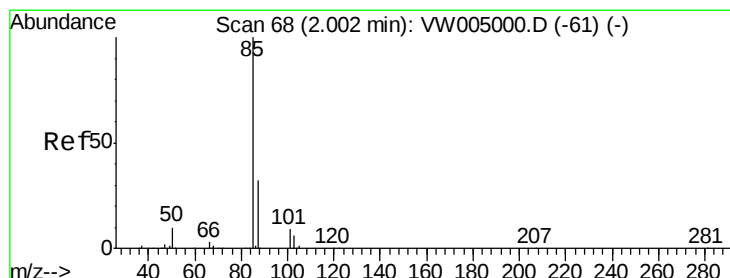
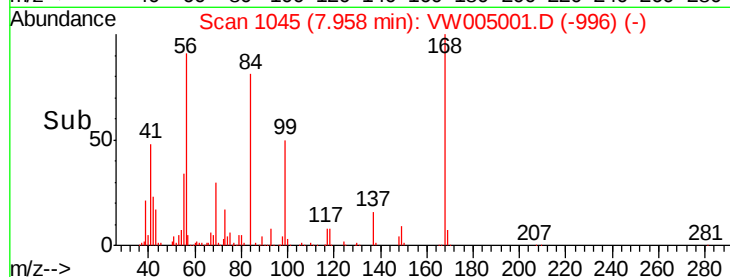
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 65.309 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005001.D

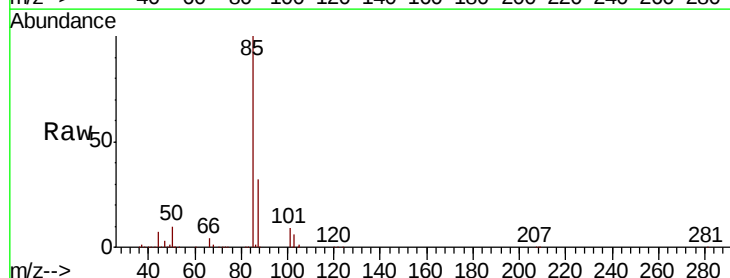
Acq: 29 Aug 2018 13:53

Tgt Ion: 85 Resp: 286415

Ion Ratio Lower Upper

85 100

87 32.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

200000

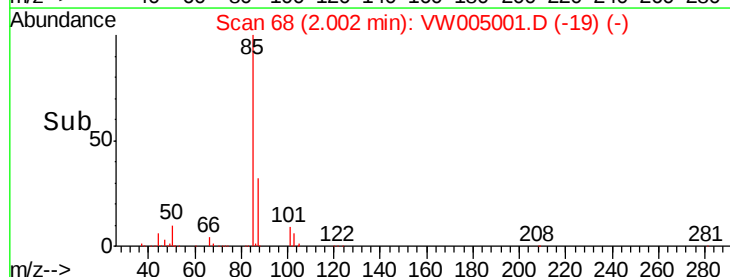
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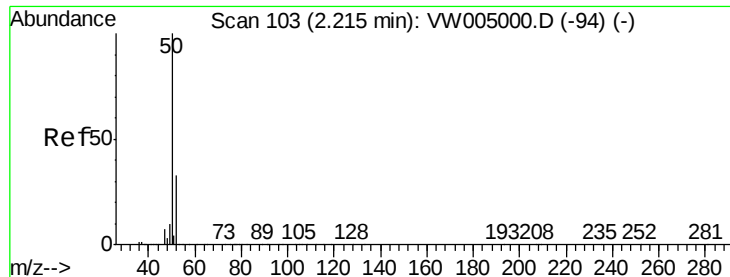
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50000

0

Time-->





#3

Chloromethane

Concen: 66.973 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC075

Tot Ion: 50 Resp: 417136

Ion Ratio Lower Upper

50 100

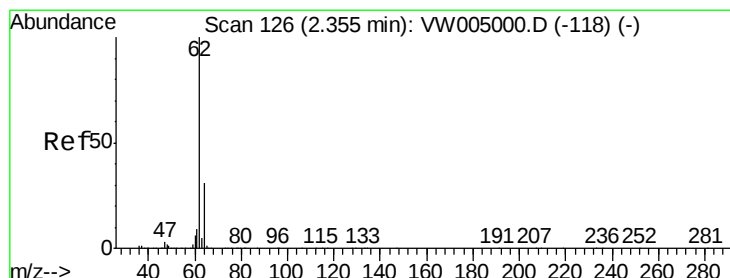
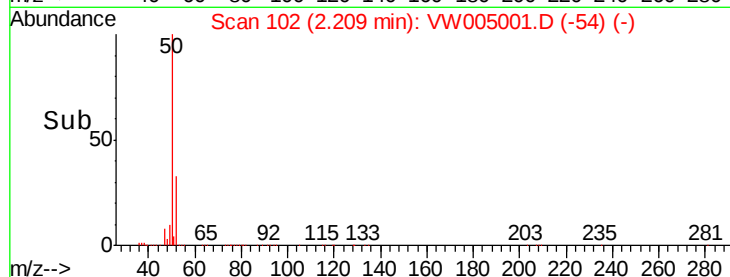
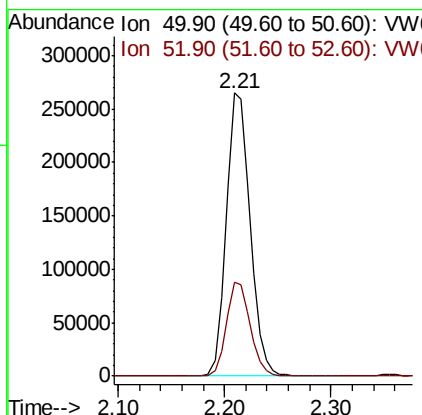
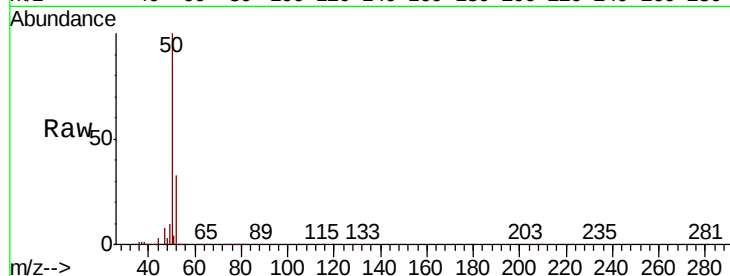
52 33.3 26.1 39.1

Manual Integrations

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8/30/2018 12:43:39 PM



#4

Vinyl Chloride

Concen: 67.960 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW005001.D

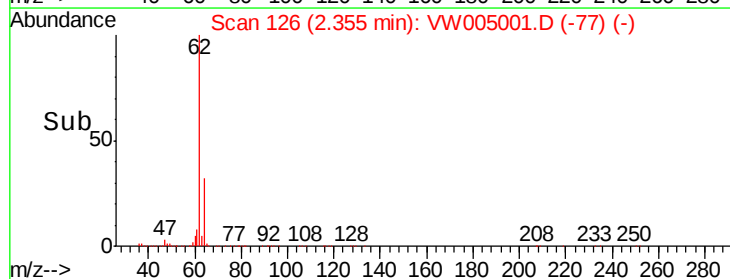
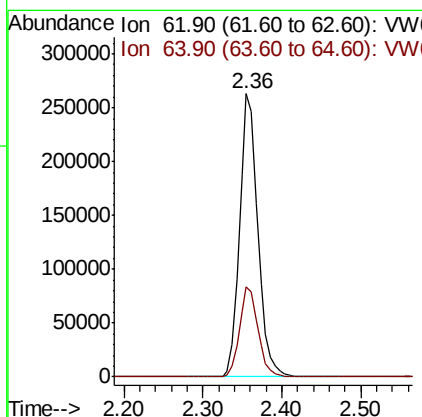
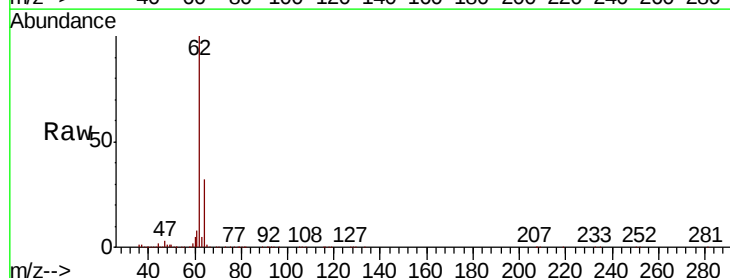
Acq: 29 Aug 2018 13:53

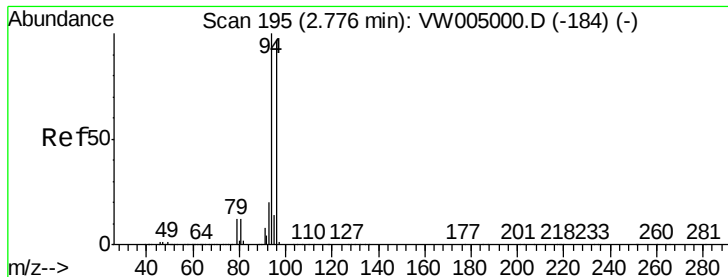
Tgt Ion: 62 Resp: 422517

Ion Ratio Lower Upper

62 100

64 31.9 24.8 37.2





#5

Bromomethane

Concen: 65.266 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 265235

Ion Ratio Lower Upper

94 100

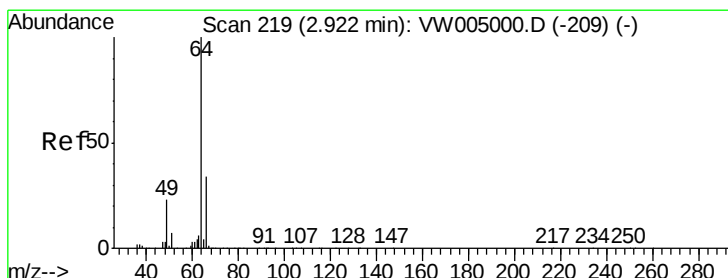
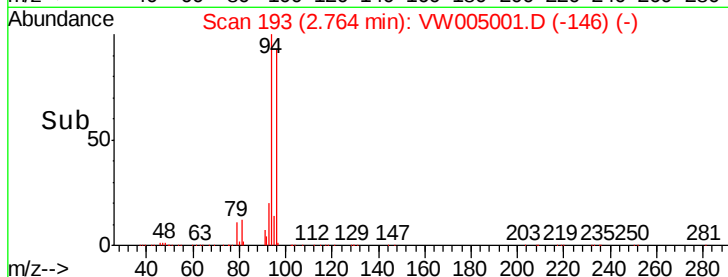
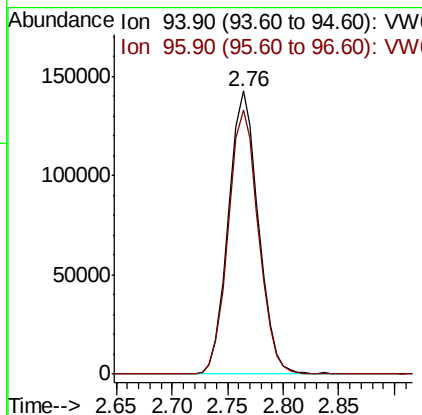
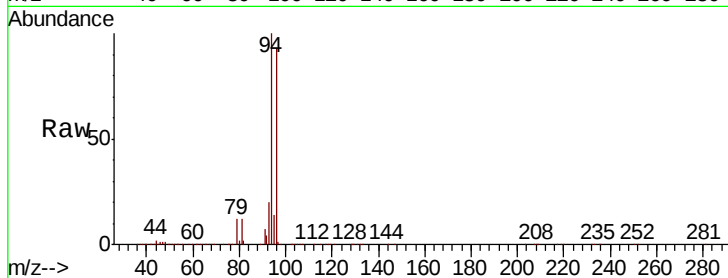
96 93.1 77.5 116.3

Manual Integrations

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#6

Chloroethane

Concen: 67.646 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005001.D

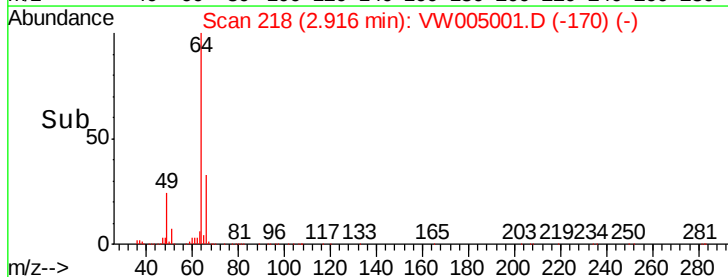
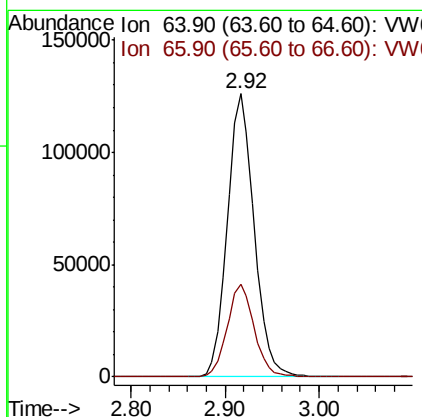
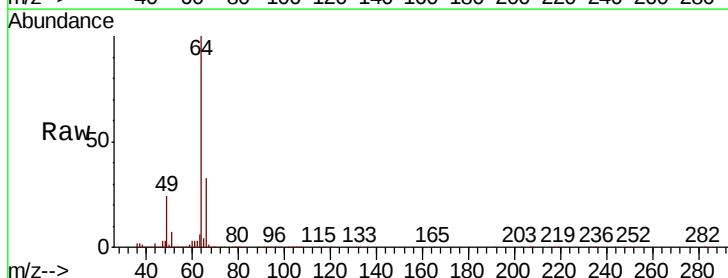
Acq: 29 Aug 2018 13:53

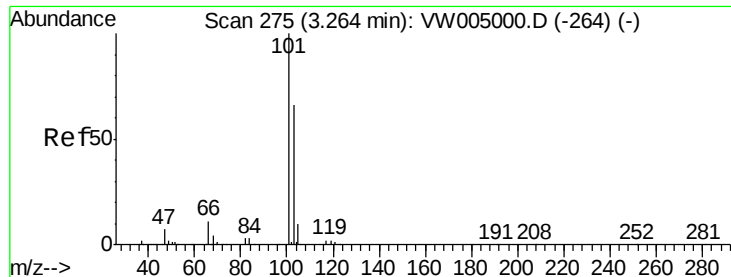
Tgt Ion: 64 Resp: 248693

Ion Ratio Lower Upper

64 100

66 32.4 26.8 40.2





#7

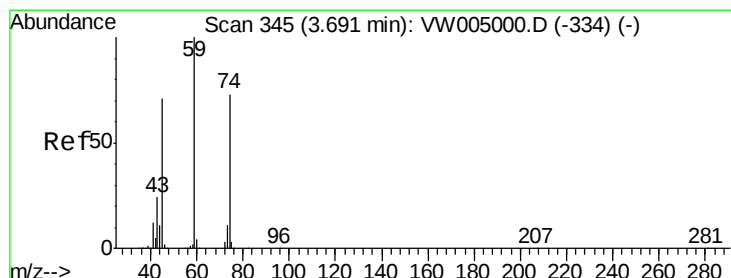
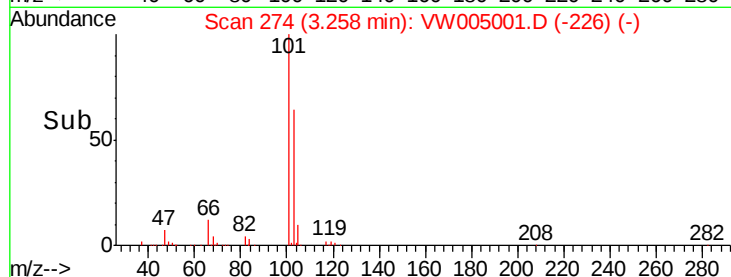
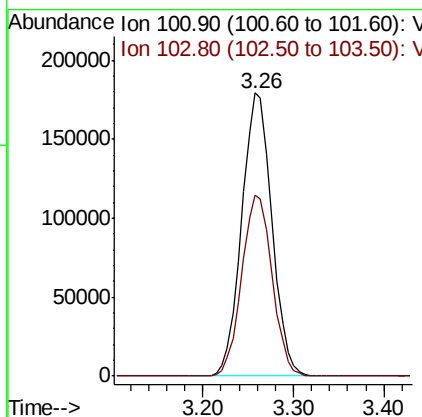
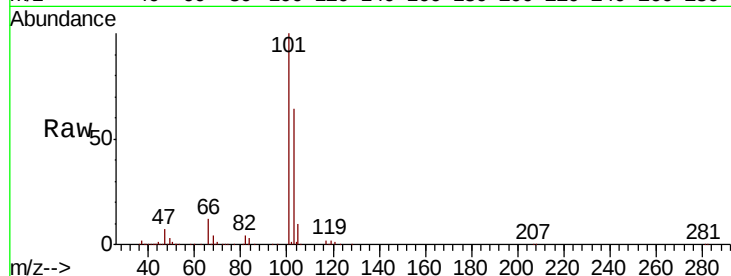
Trichlorofluoromethane  
 Concen: 64.199 ug/l  
 RT: 3.26 min Scan# 274  
 Delta R.T. -0.01 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC075

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.9  | 52.6  | 78.8  |

Manual Integrations  
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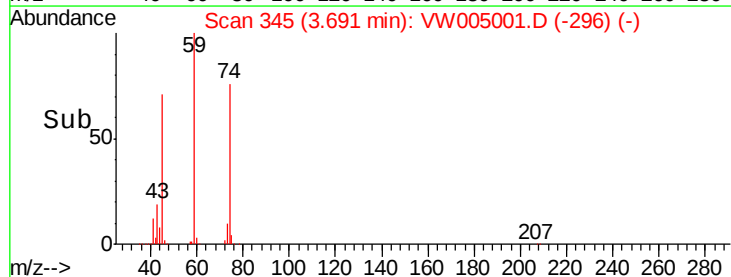
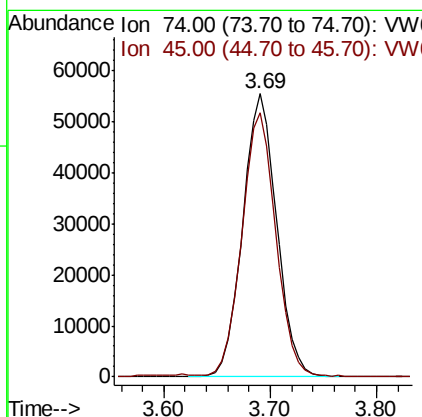
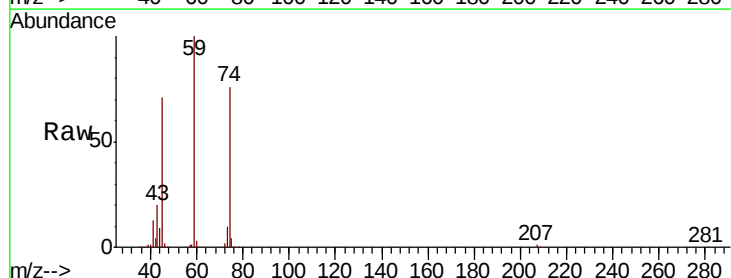
apatel  
 8/30/2018 12:43:39 PM

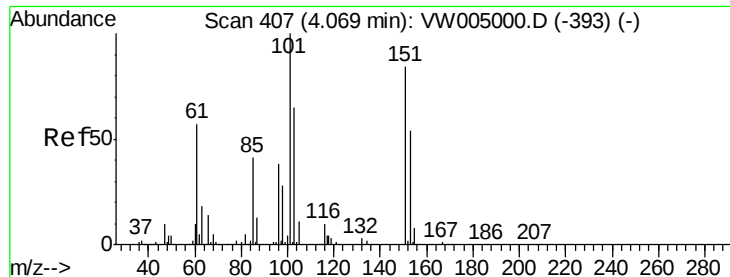


#8

Diethyl Ether  
 Concen: 68.047 ug/l  
 RT: 3.69 min Scan# 345  
 Delta R.T. -0.00 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 93.1  | 47.8  | 143.3 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 64.358 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

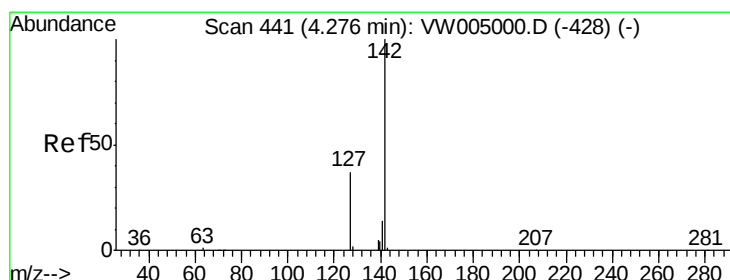
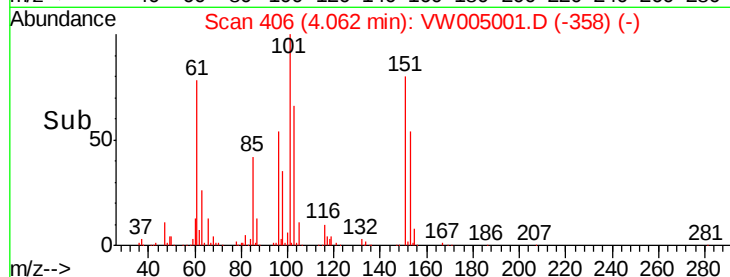
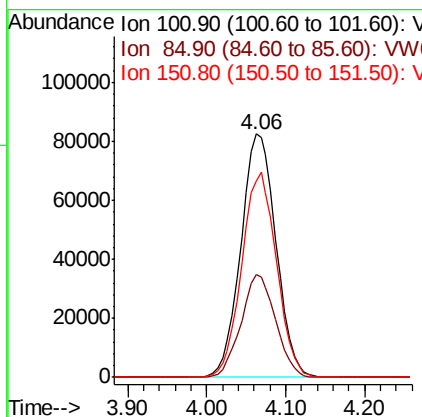
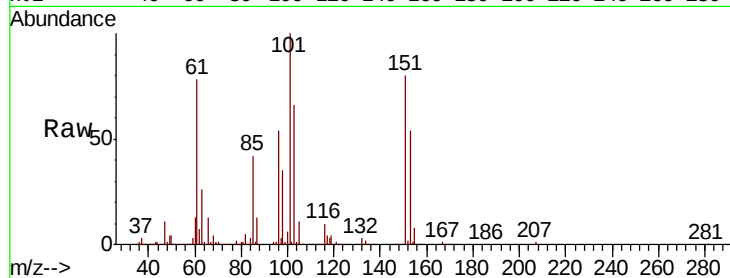
ClientSampled :

VSTDIC075

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 255353 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 41.5  | 33.4  | 50.0   |
| 151       | 83.4  | 67.0  | 100.4  |

Manual Integrations  
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#10

Methyl Iodide

Concen: 82.161 ug/l

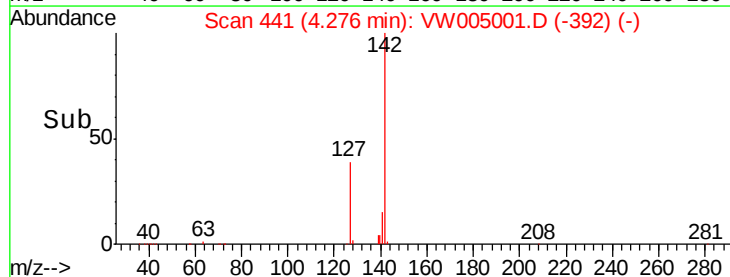
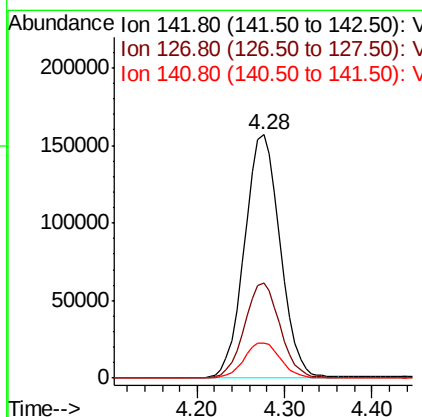
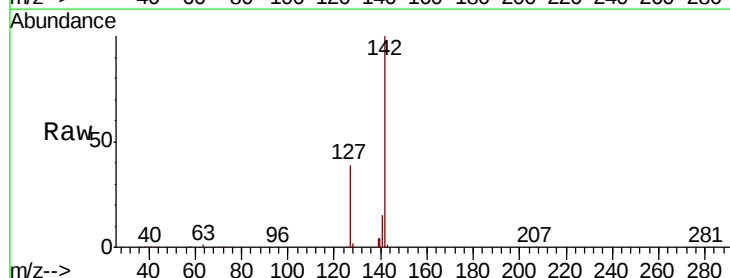
RT: 4.28 min Scan# 441

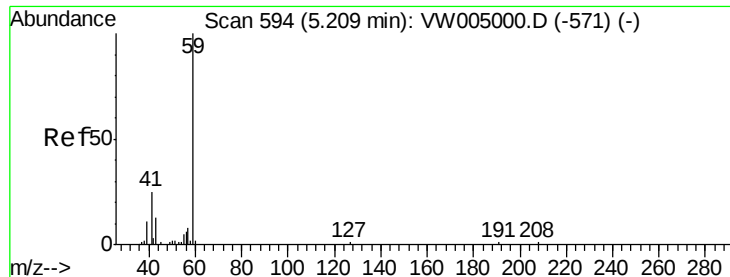
Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 445859 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 39.0  | 31.1  | 46.7   |
| 141       | 14.6  | 11.4  | 17.2   |





#11

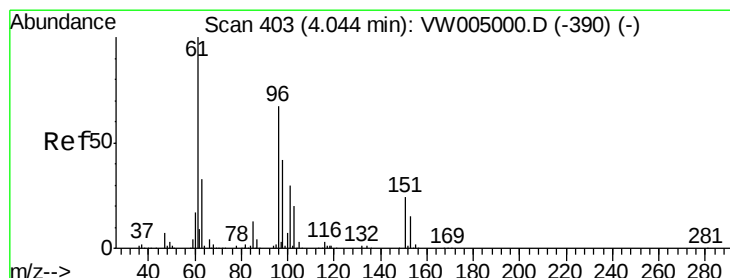
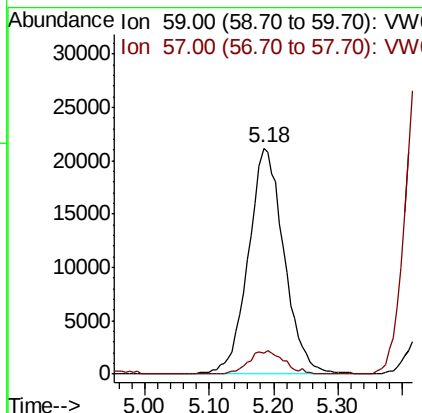
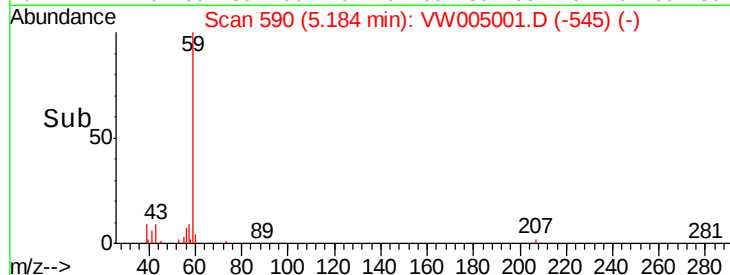
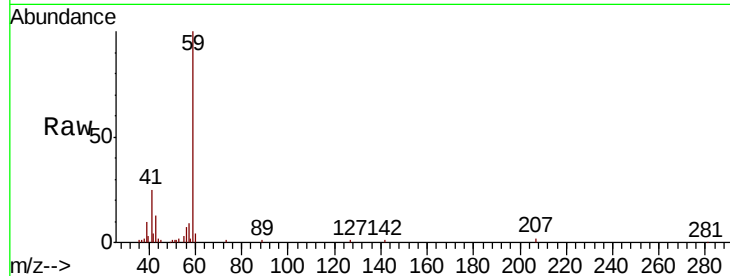
Tert butyl alcohol  
Concen: 389.100 ug/l  
RT: 5.18 min Scan# 590  
Delta R.T. -0.02 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC075

| Tot Ion   | 59   | Resp  | 80650 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 57        | 10.2 | 8.1   | 12.1  |

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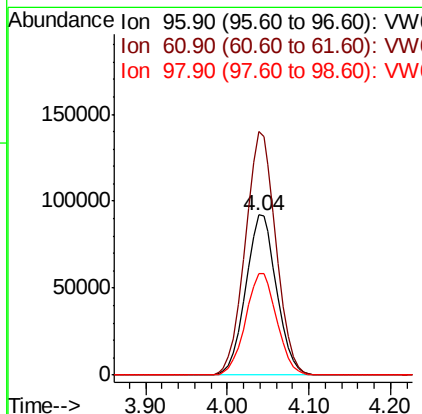
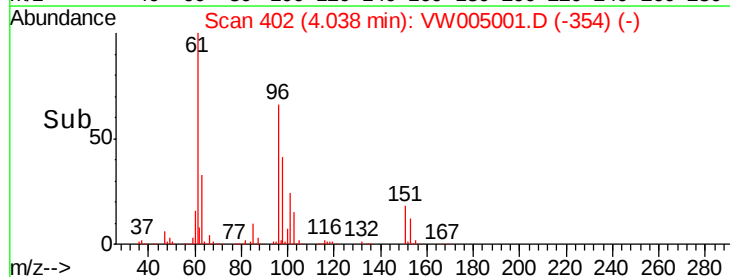
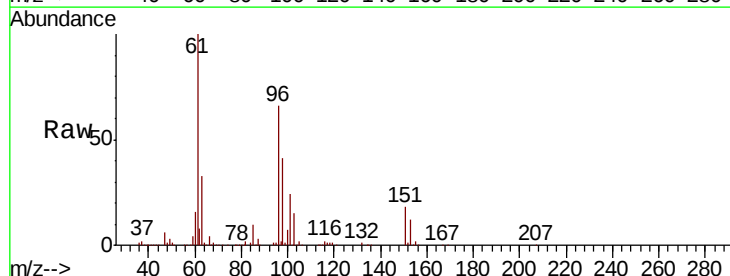
apatel  
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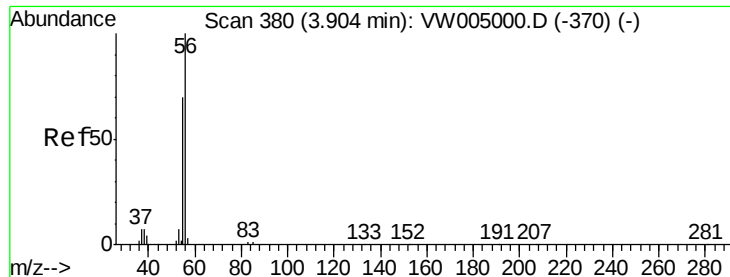


#12

1,1-Dichloroethene  
Concen: 65.652 ug/l  
RT: 4.04 min Scan# 402  
Delta R.T. -0.01 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

| Tgt Ion   | 96    | Resp  | 243364 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 61        | 152.2 | 119.5 | 179.3  |
| 98        | 63.1  | 50.4  | 75.6   |





#13

Acrolein

Concen: 378.196 ug/l

RT: 3.90 min Scan# 380

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC075

Tot Ion: 56 Resp: 111985

Ion Ratio Lower Upper

56 100

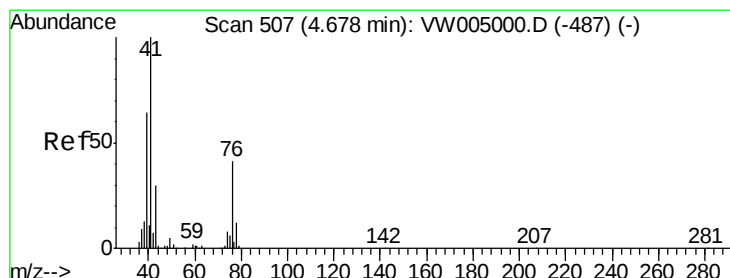
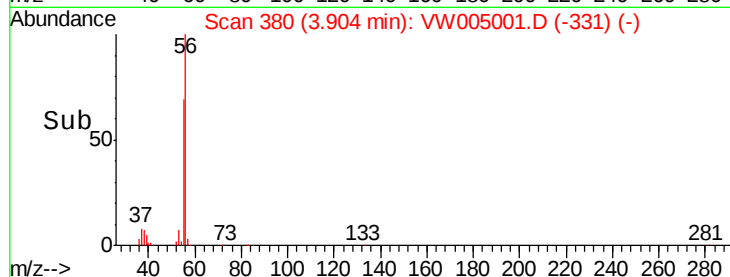
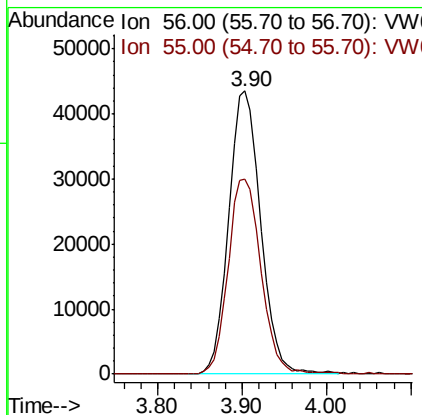
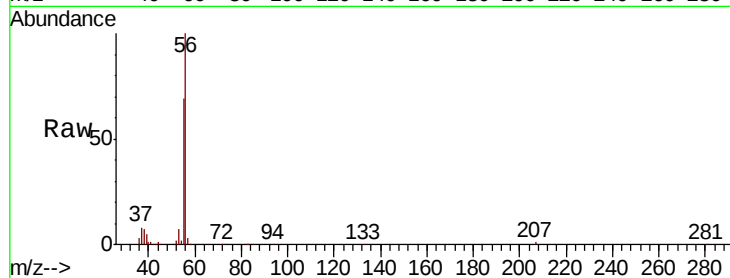
55 70.5 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 68.266 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

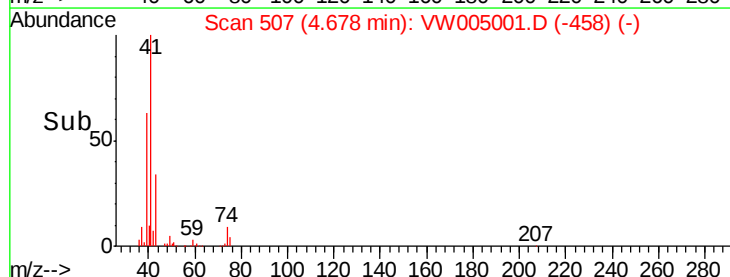
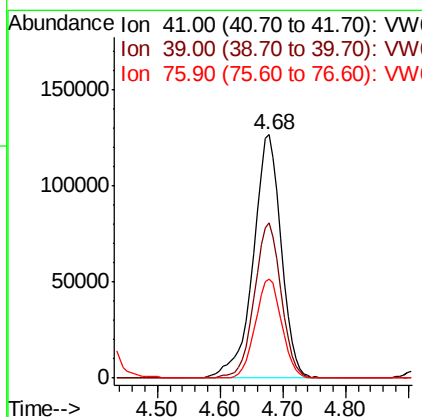
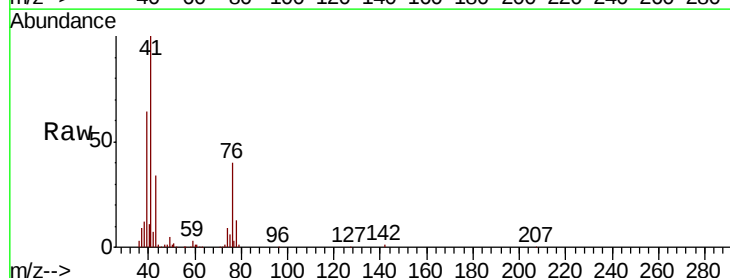
Tgt Ion: 41 Resp: 389666

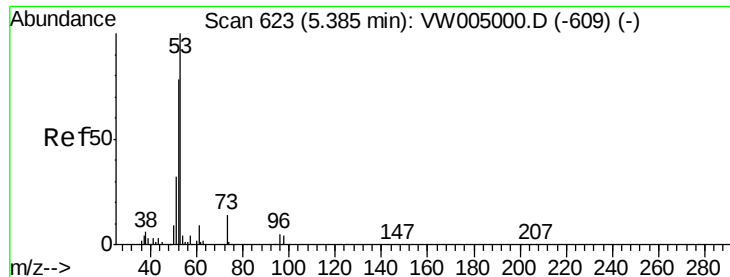
Ion Ratio Lower Upper

41 100

39 61.3 49.4 74.2

76 38.3 31.4 47.2





#15

Acrylonitrile

Concen: 370.437 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.01 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

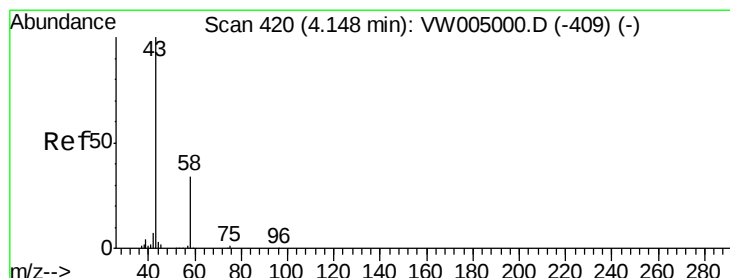
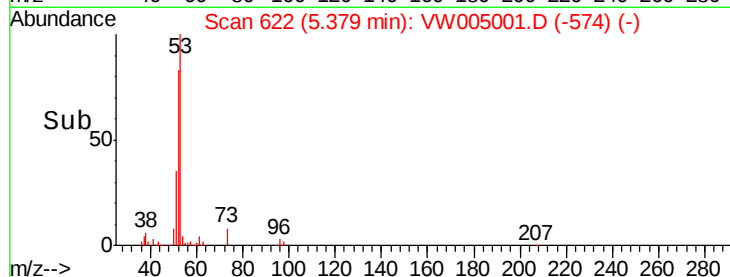
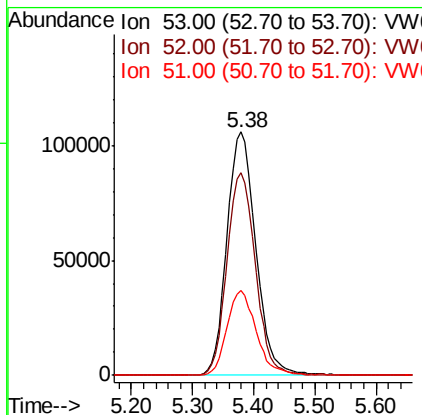
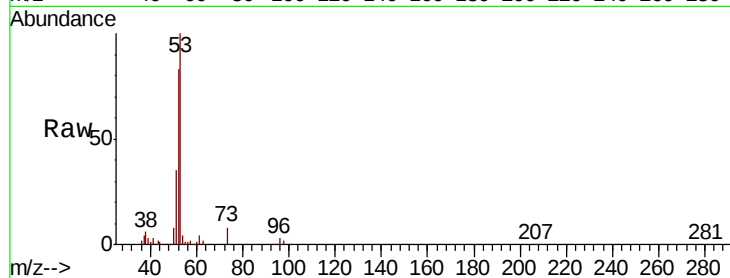
ClientSampleId :

VSTDIC075

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 345289 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 81.6  | 65.0  | 97.6   |
| 51        | 35.5  | 28.6  | 43.0   |

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#16

Acetone

Concen: 361.347 ug/l

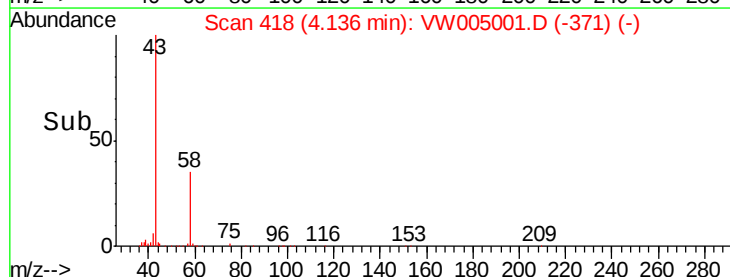
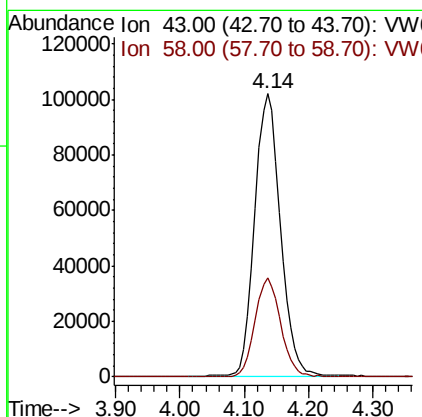
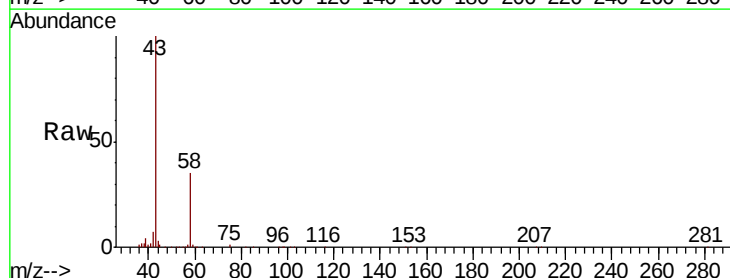
RT: 4.14 min Scan# 418

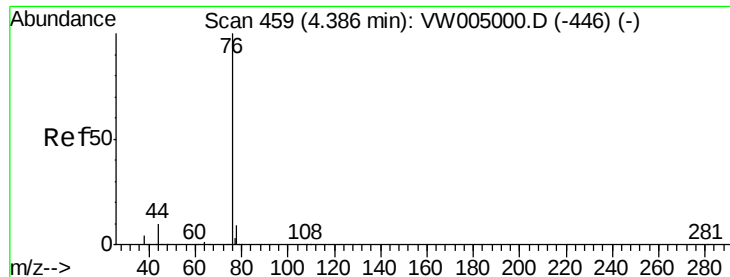
Delta R.T. -0.01 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 282967 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 34.9  | 27.2  | 40.8   |





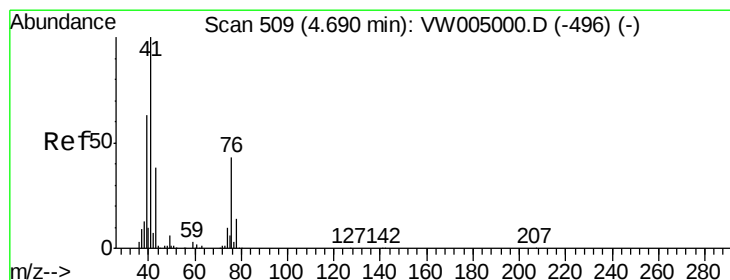
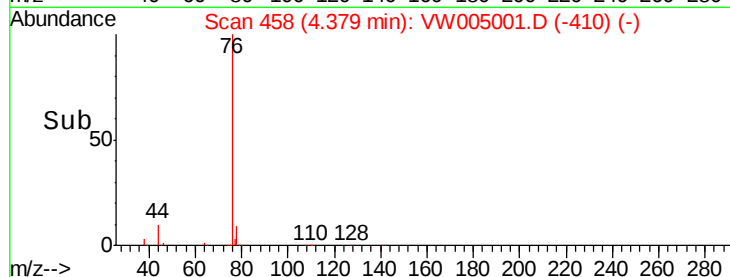
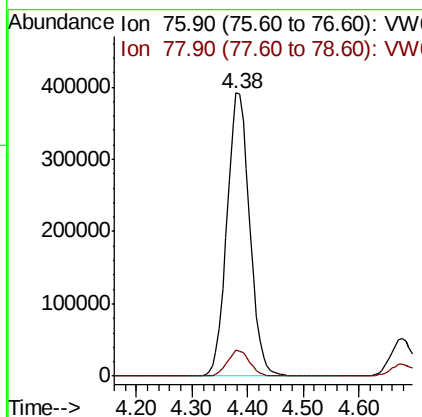
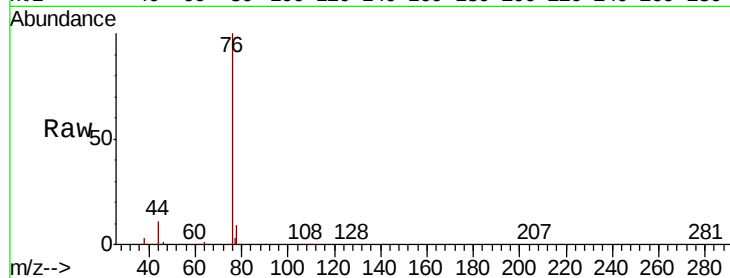
#17  
Carbon Disulfide  
Concen: 70.879 ug/l  
RT: 4.38 min Scan# 458  
Delta R.T. -0.01 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC075

Tot Ion: 76 Resp: 1104383  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.2

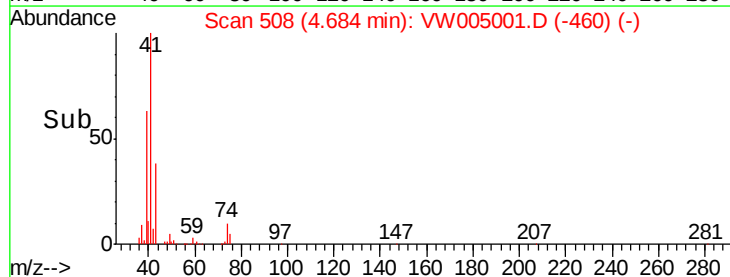
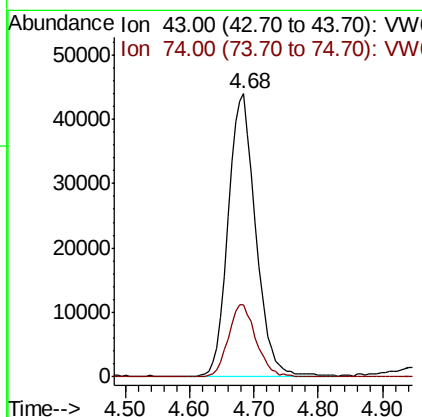
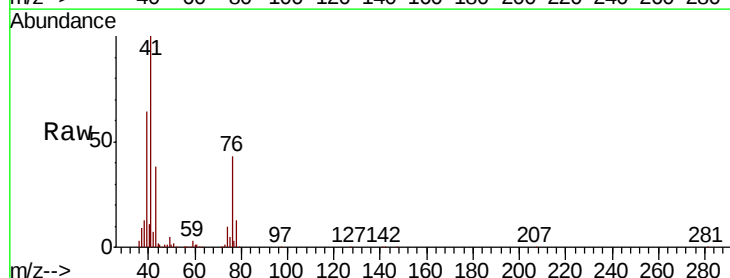
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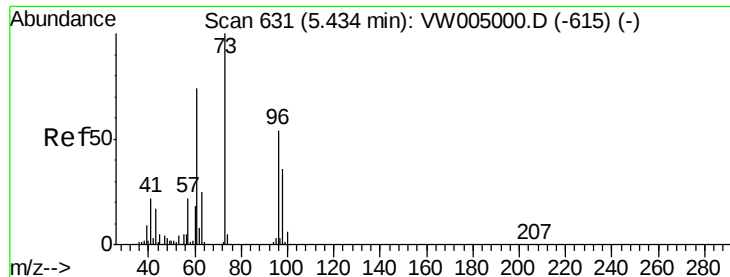
apatel  
8/30/2018 12:43:39 PM



#18  
Methyl Acetate  
Concen: 68.844 ug/l  
RT: 4.68 min Scan# 508  
Delta R.T. -0.01 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Tgt Ion: 43 Resp: 130581  
Ion Ratio Lower Upper  
43 100  
74 26.0 20.3 30.5





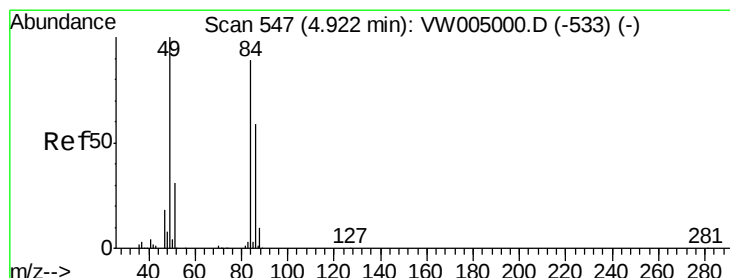
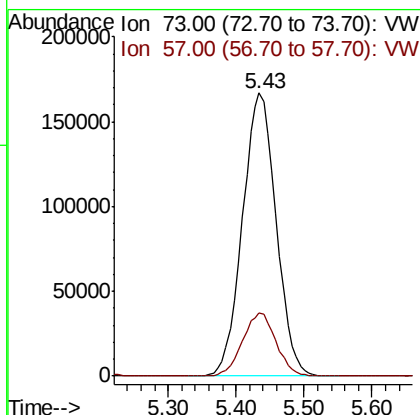
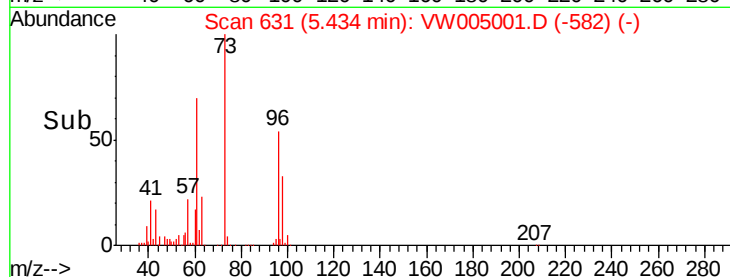
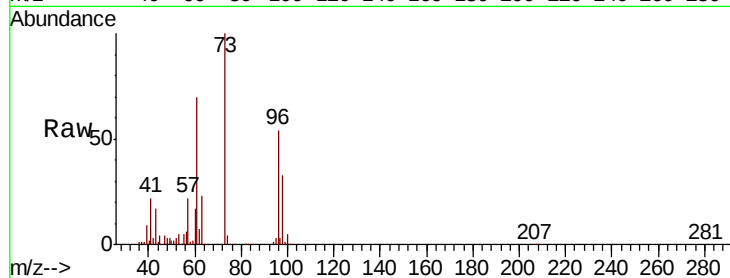
#19  
Methyl tert-butyl Ether  
Concen: 72.002 ug/l  
RT: 5.43 min Scan# 631  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC075

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.4  | 17.6  | 26.4  |

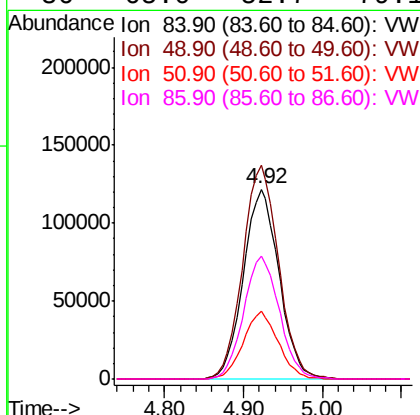
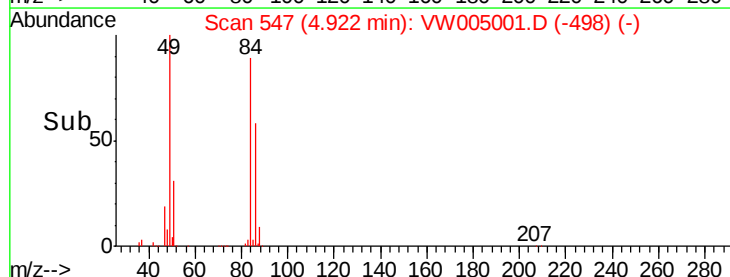
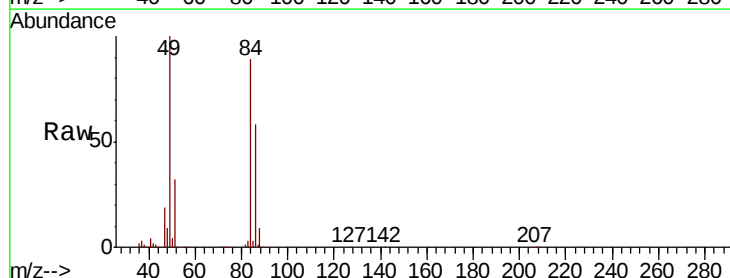
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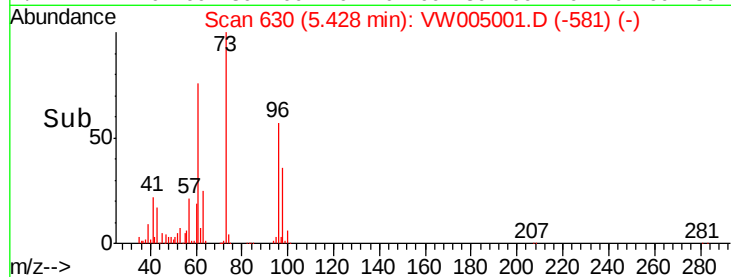
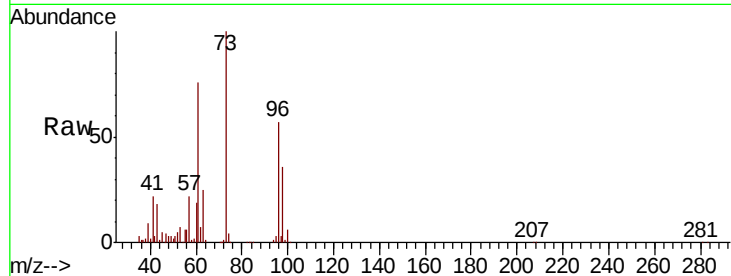
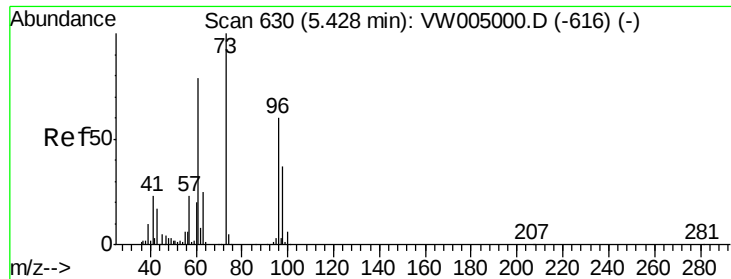
apatel  
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#20  
Methylene Chloride  
Concen: 58.025 ug/l  
RT: 4.92 min Scan# 547  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 112.6 | 89.7  | 134.5 |
| 51      | 35.5  | 27.5  | 41.3  |
| 86      | 65.0  | 52.7  | 79.1  |





#21

trans-1,2-Dichloroethene

Concen: 66.505 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 267679 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 134.7 | 106.2 | 159.2  |
| 98       | 63.3  | 49.5  | 74.3   |

Instrument :

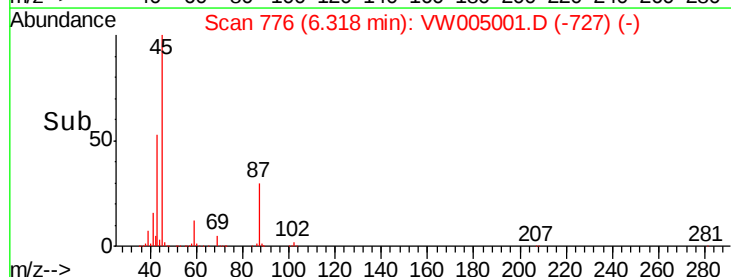
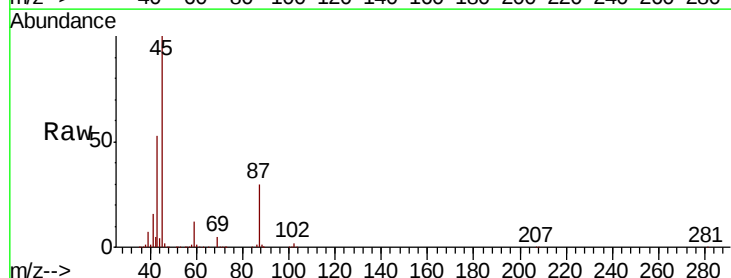
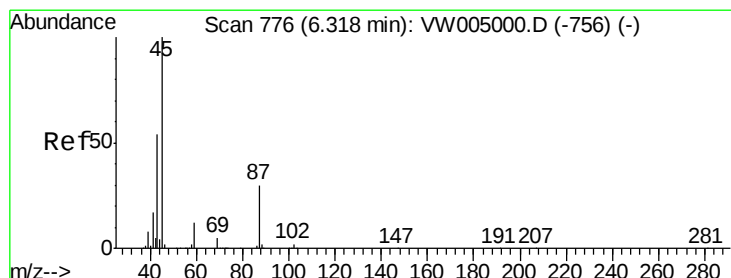
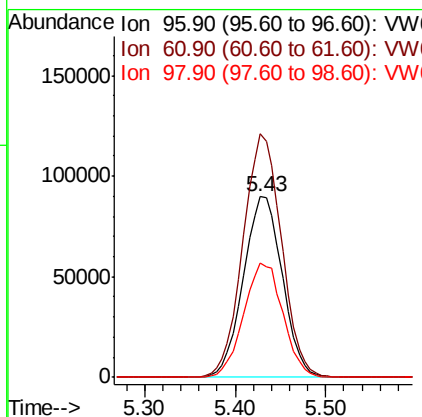
MSVOA\_W

ClientSampleId :

VSTDIC075

Manual Integrations  
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#22

Diisopropyl ether

Concen: 77.655 ug/l

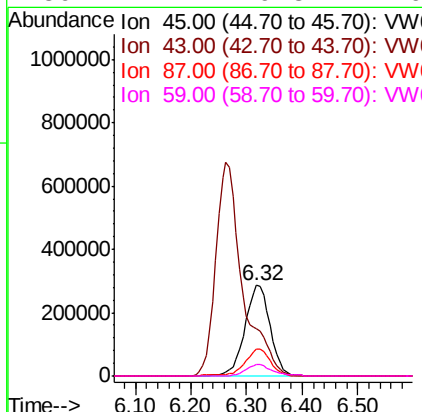
RT: 6.32 min Scan# 776

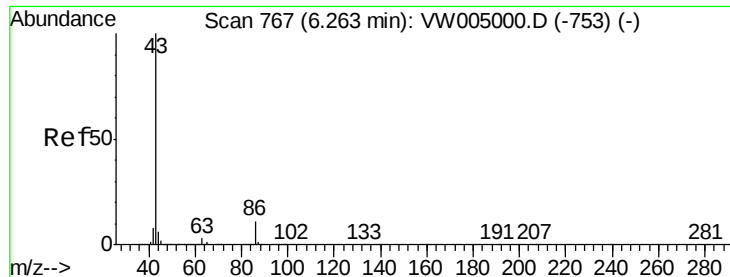
Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 904859 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 52.7  | 43.5  | 65.3   |
| 87       | 30.2  | 23.8  | 35.8   |
| 59       | 12.1  | 9.8   | 14.6   |





#23

Vinyl Acetate

Concen: 378.472 ug/l

RT: 6.26 min Scan# 767

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 2254717

Ion Ratio Lower Upper

43 100

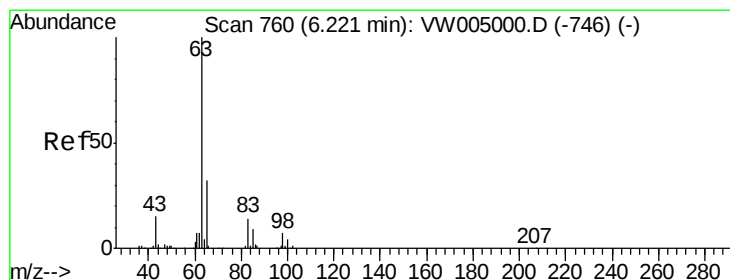
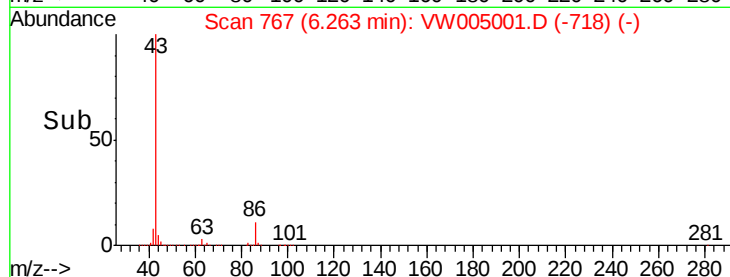
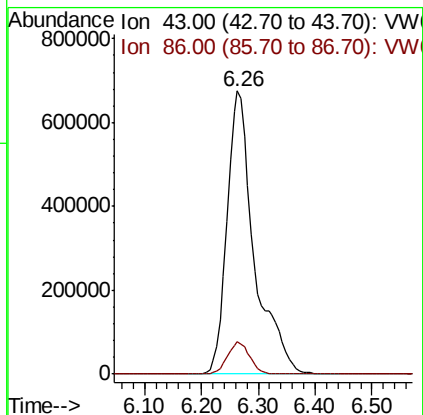
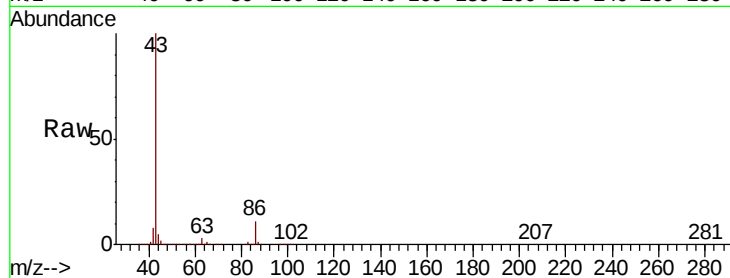
86 11.4 9.0 13.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 65.987 ug/l

RT: 6.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

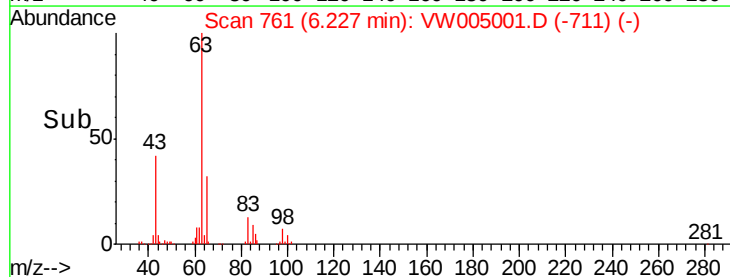
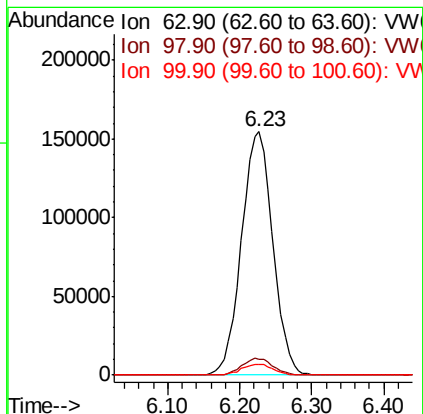
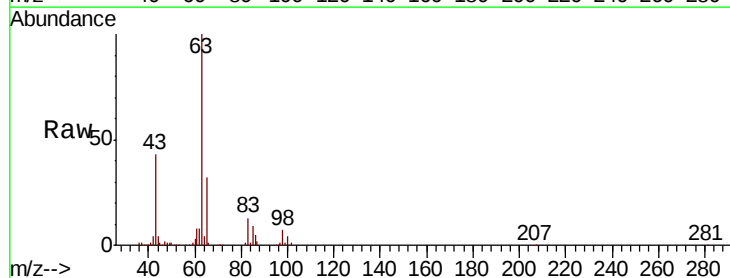
Tgt Ion: 63 Resp: 465218

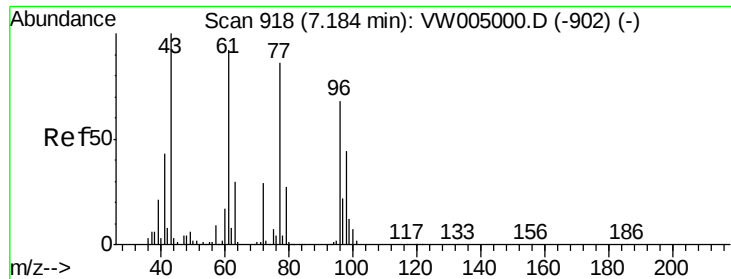
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 357.222 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 436226

Ion Ratio Lower Upper

43 100

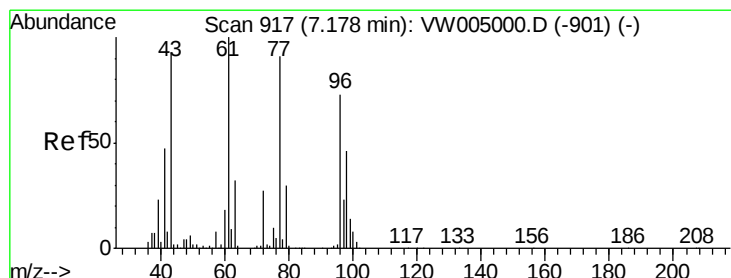
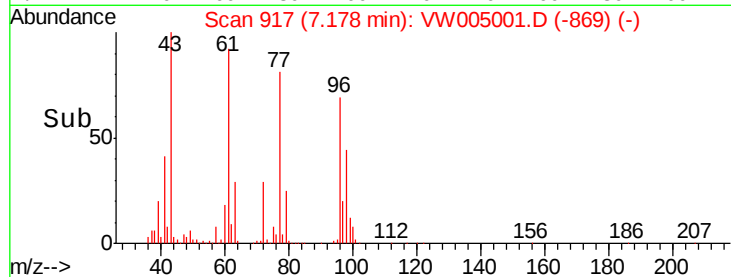
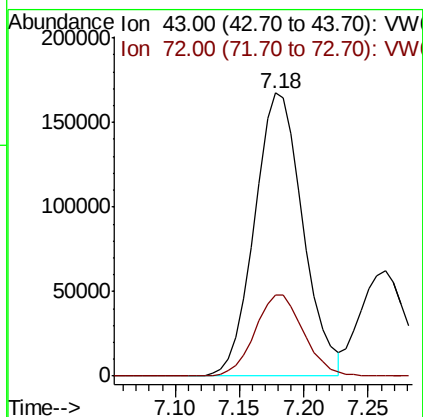
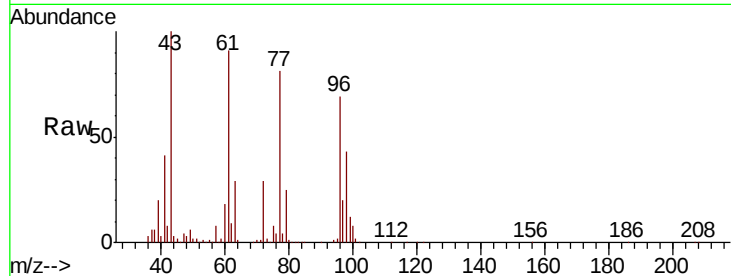
72 28.8 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 63.908 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005001.D

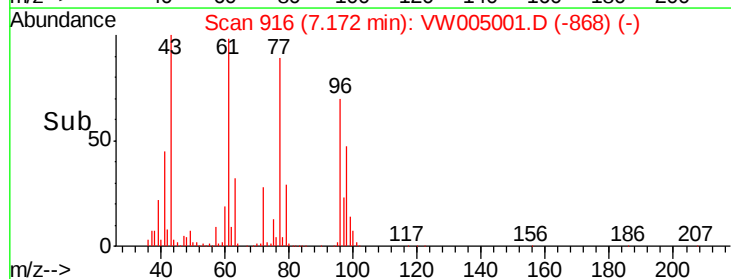
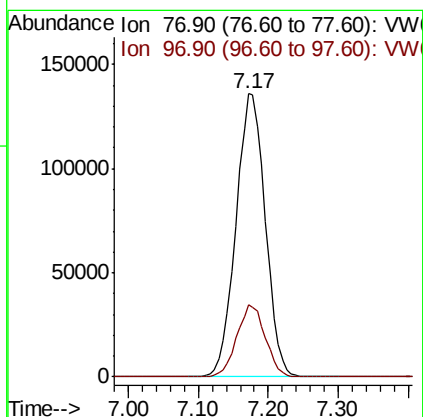
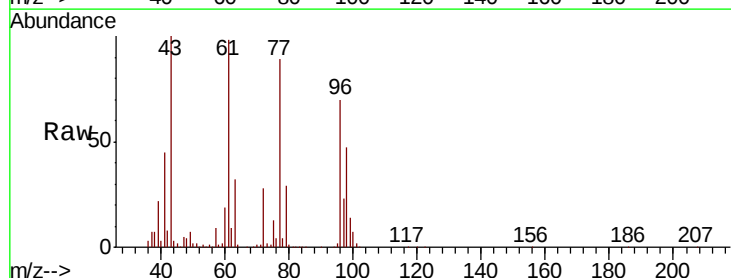
Acq: 29 Aug 2018 13:53

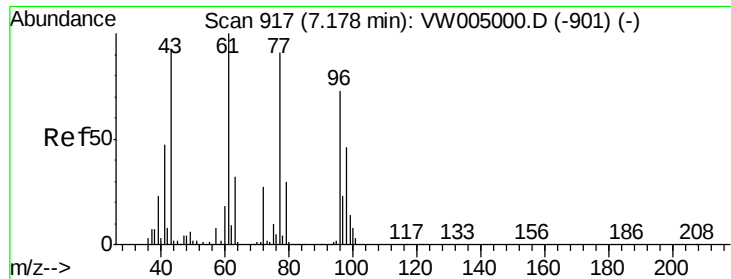
Tgt Ion: 77 Resp: 395467

Ion Ratio Lower Upper

77 100

97 24.6 12.2 36.4





#27

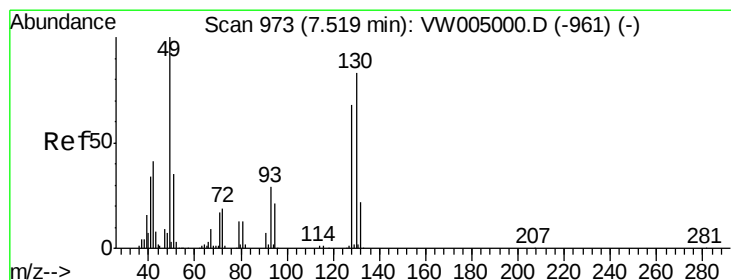
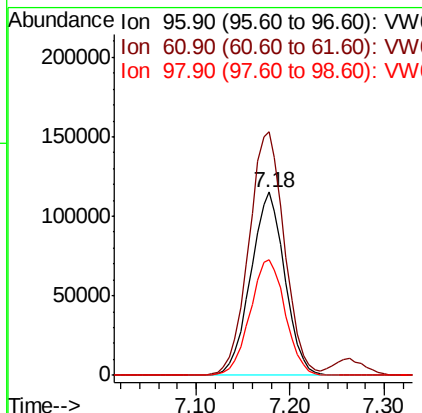
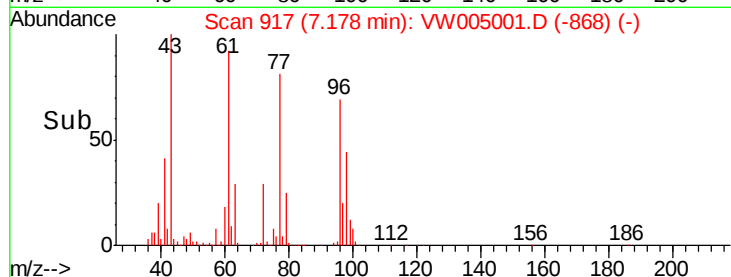
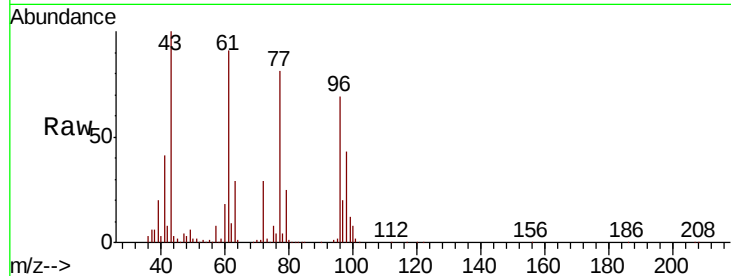
cis-1,2-Dichloroethene  
Concen: 66.822 ug/l  
RT: 7.18 min Scan# 917  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC075

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 292584 |       |       |
| 61      | 138.8 | 0.0    | 281.6 |       |
| 98      | 65.0  | 0.0    | 129.0 |       |

Manual Integrations  
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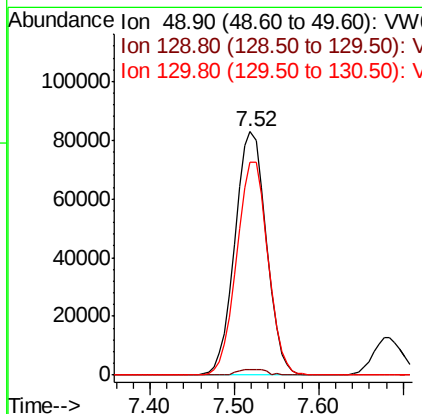
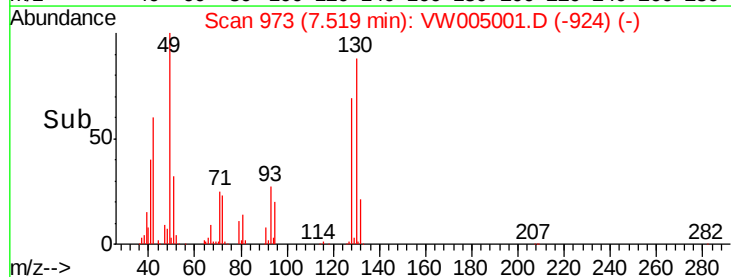
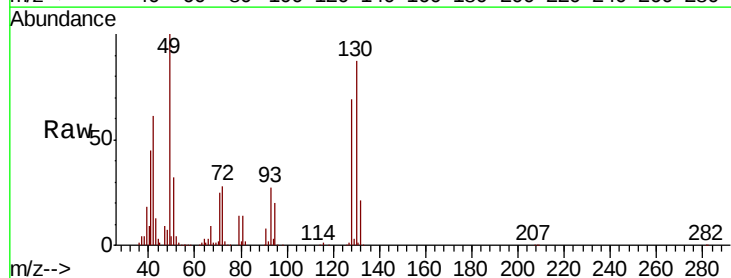
apatel  
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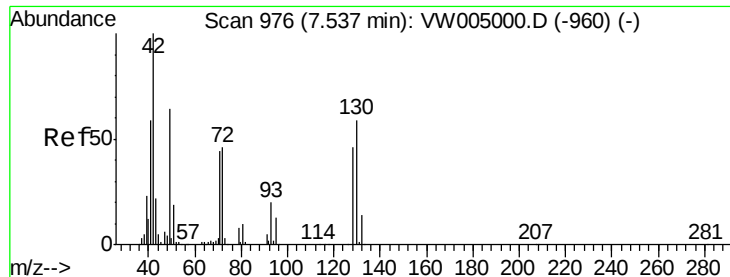


#28

Bromochloromethane  
Concen: 67.403 ug/l  
RT: 7.52 min Scan# 973  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 208955 |       |       |
| 129     | 2.2   | 0.0    | 4.2   |       |
| 130     | 87.1  | 68.2   | 102.2 |       |





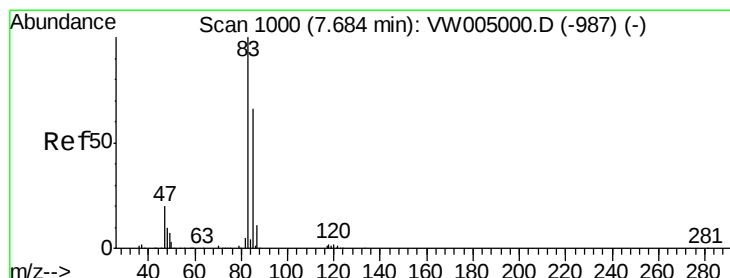
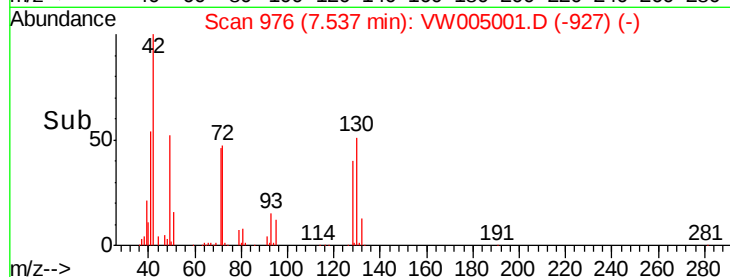
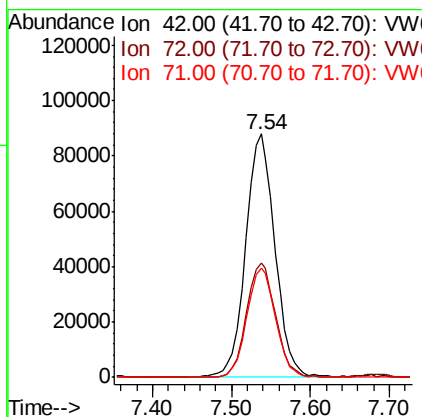
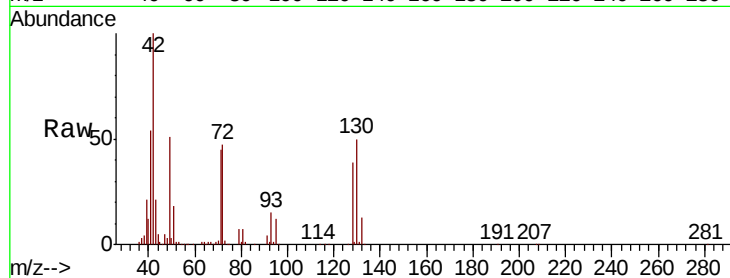
#29  
Tetrahydrofuran  
Concen: 367.287 ug/l  
RT: 7.54 min Scan# 976  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC075

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.7  | 36.6  | 55.0  |
| 71      | 44.2  | 35.4  | 53.2  |

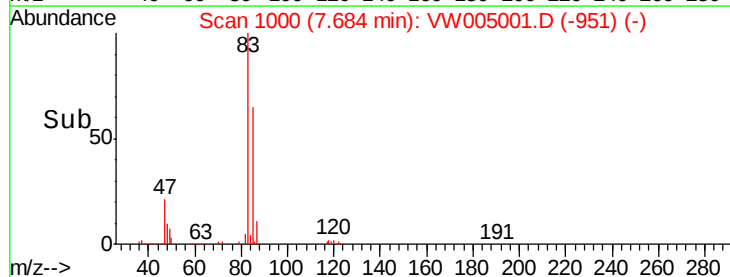
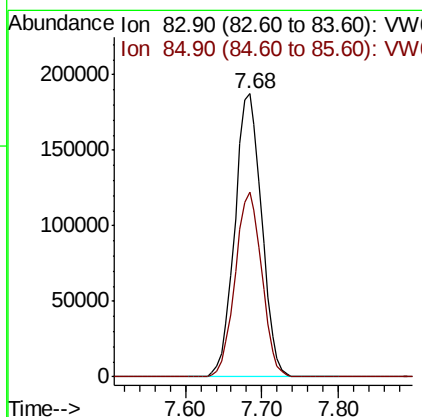
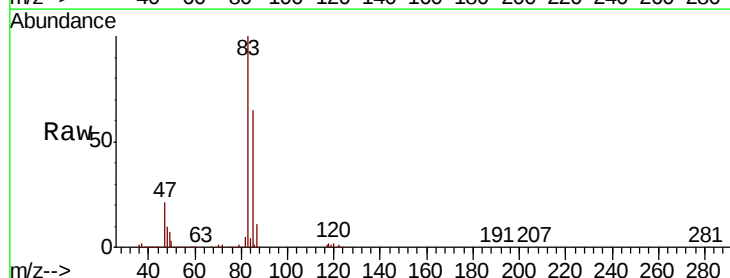
Manual Integrations  
APPROVED

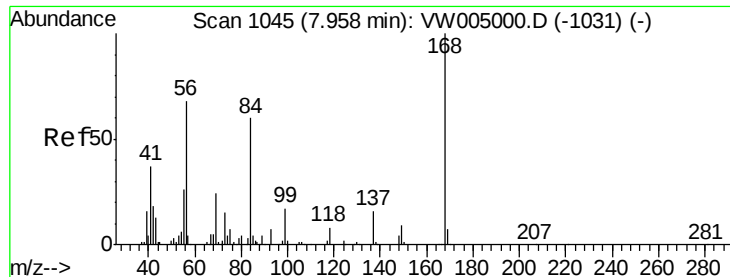
apatel  
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#30  
Chloroform  
Concen: 65.540 ug/l  
RT: 7.68 min Scan# 1000  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.1  | 52.6  | 78.8  |





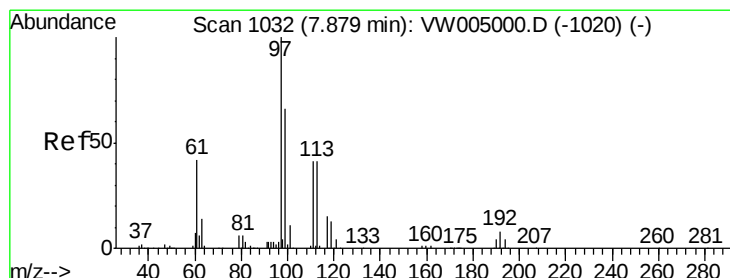
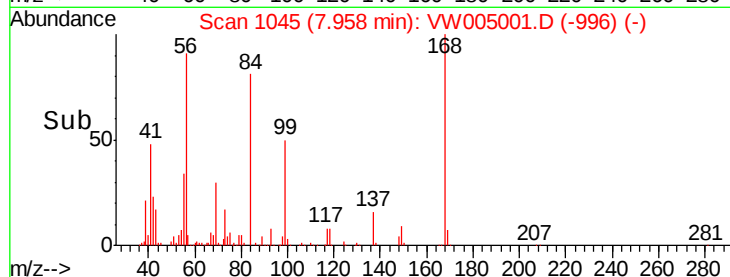
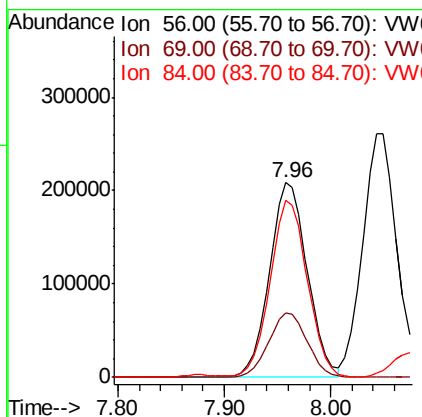
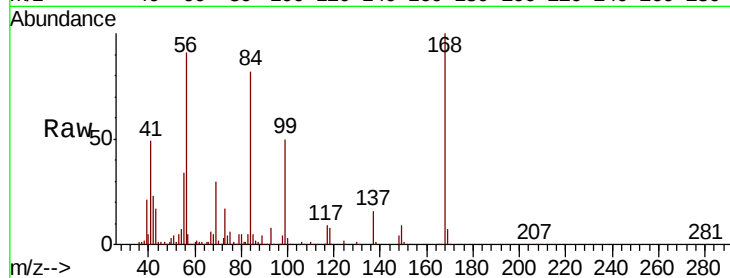
#31  
Cyclohexane  
Concen: 68.648 ug/l  
RT: 7.96 min Scan# 1045  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC075

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 33.3  | 27.9  | 41.9  |
| 84      | 89.8  | 70.5  | 105.7 |

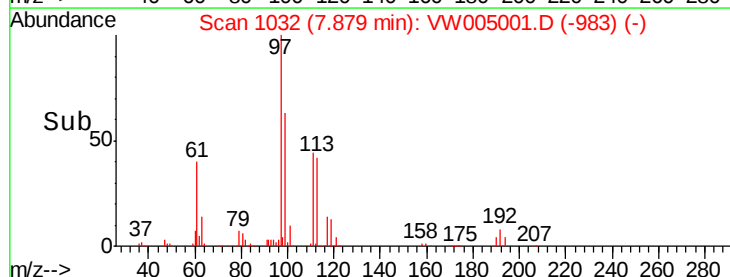
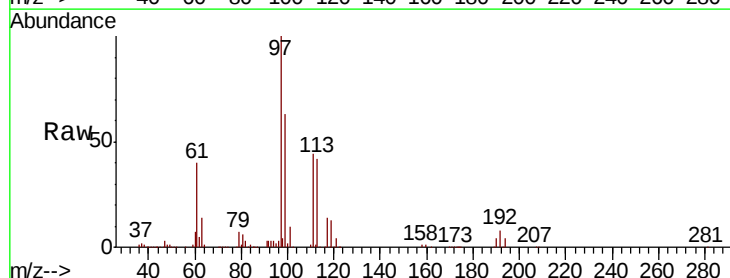
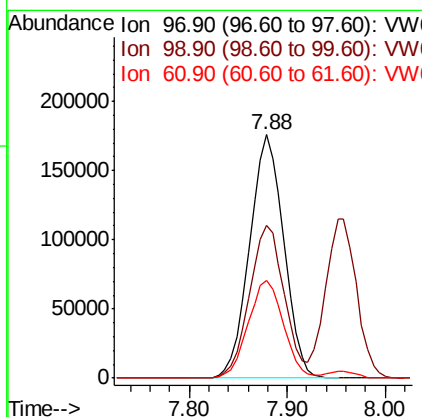
Manual Integrations  
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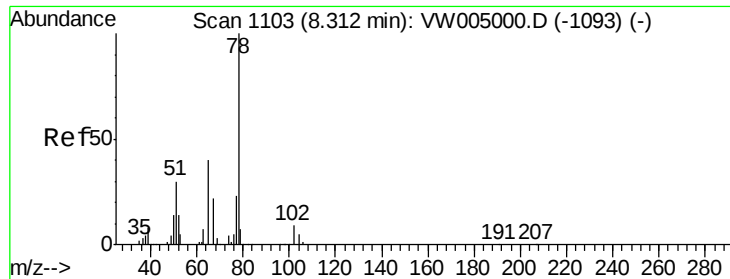
apatel  
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#32  
1,1,1-Trichloroethane  
Concen: 66.774 ug/l  
RT: 7.88 min Scan# 1032  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.4  | 52.3  | 78.5  |
| 61      | 41.3  | 33.2  | 49.8  |





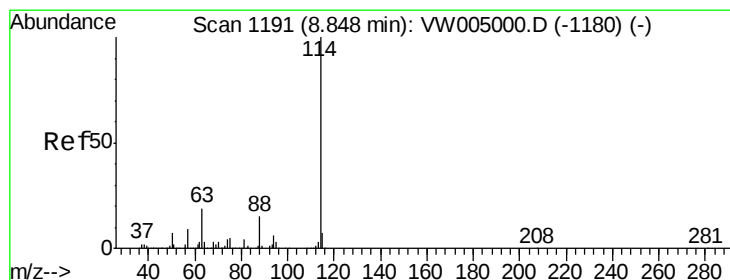
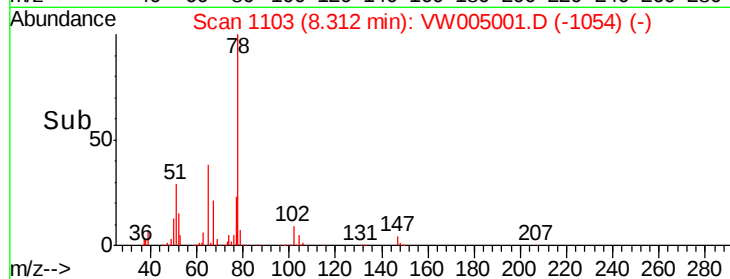
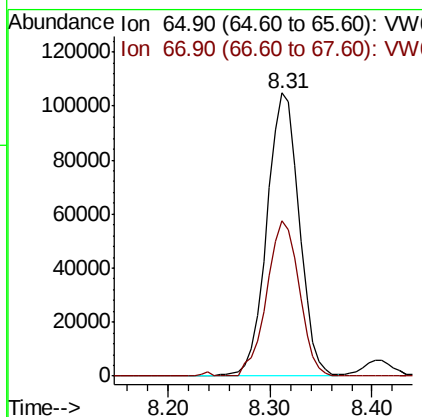
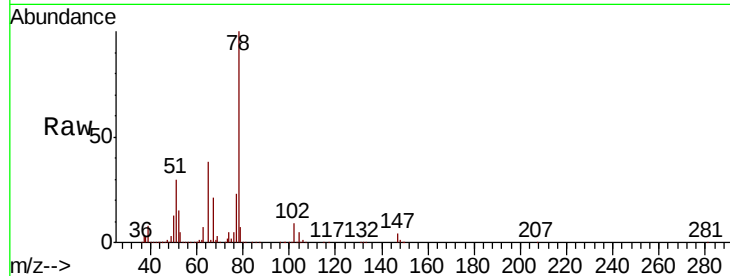
#33  
 1,2-Dichloroethane-d4  
 Concen: 66.160 ug/l  
 RT: 8.31 min Scan# 1103  
 Delta R.T. -0.00 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC075

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 229741 |       |       |
| 67      | 55.4  | 0.0    | 112.8 |       |

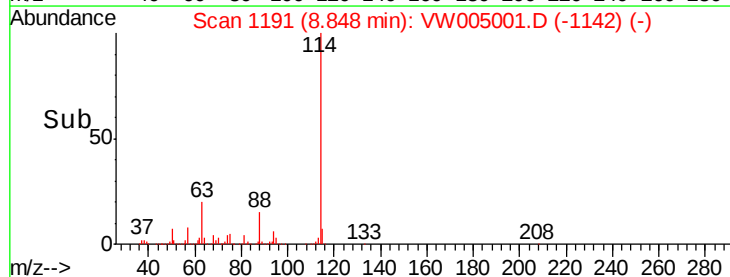
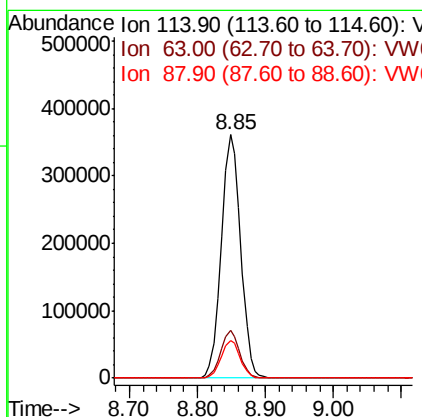
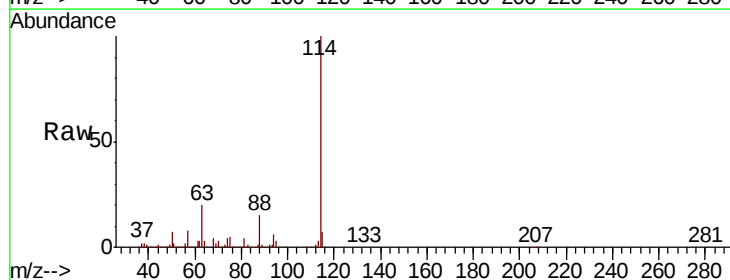
Manual Integrations  
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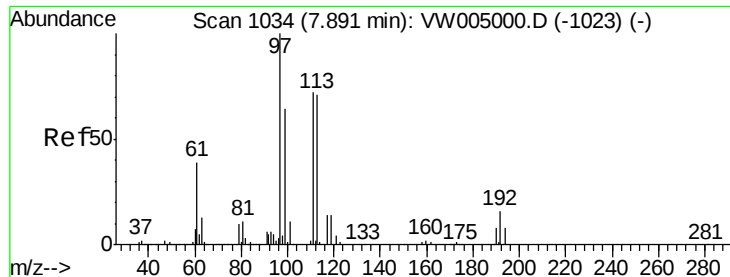
apatel  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.85 min Scan# 1191  
 Delta R.T. -0.00 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 709682 |       |       |
| 63      | 19.7  | 0.0    | 38.4  |       |
| 88      | 15.4  | 0.0    | 30.6  |       |





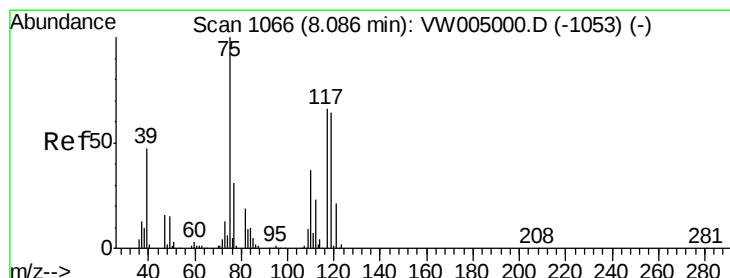
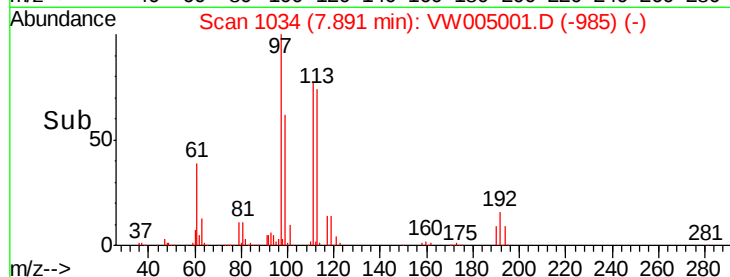
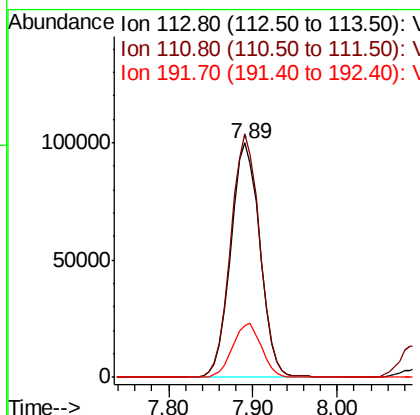
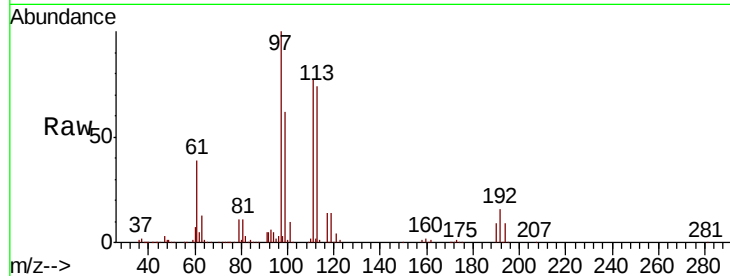
#35  
 Dibromofluoromethane  
 Concen: 66.387 ug/l  
 RT: 7.89 min Scan# 1034  
 Delta R.T. -0.00 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC075

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 233469 |       |       |
| 111     | 103.5 | 81.3   | 121.9 |       |
| 192     | 22.7  | 17.8   | 26.8  |       |

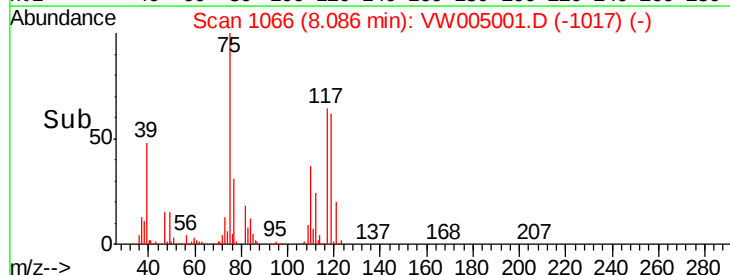
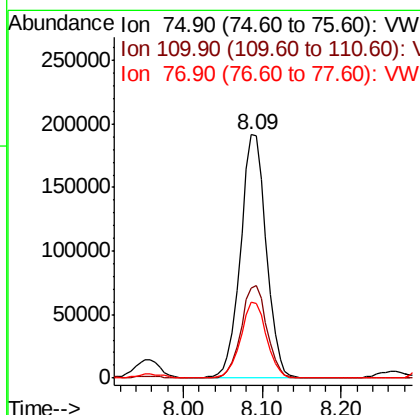
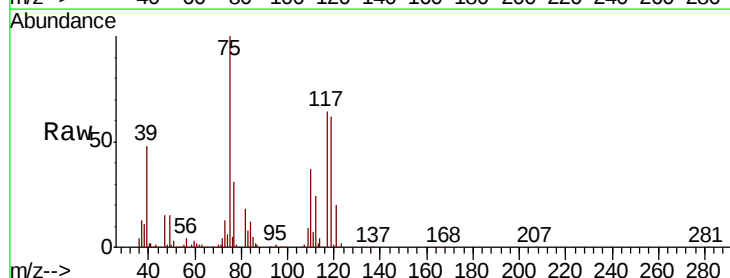
Manual Integrations  
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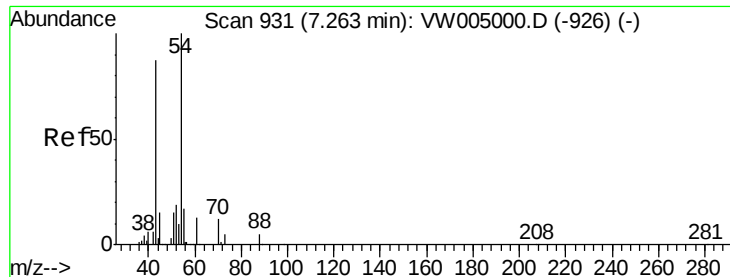
apatel  
 8/30/2018 12:43:39 PM



#36  
 1,1-Dichloropropene  
 Concen: 72.216 ug/l  
 RT: 8.09 min Scan# 1066  
 Delta R.T. -0.00 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 434249 |       |       |
| 110     | 38.1  | 18.7   | 56.1  |       |
| 77      | 31.6  | 24.9   | 37.3  |       |





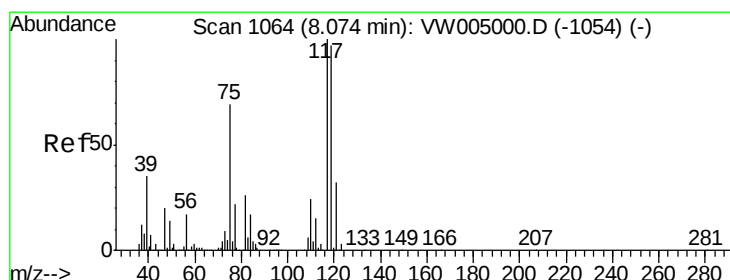
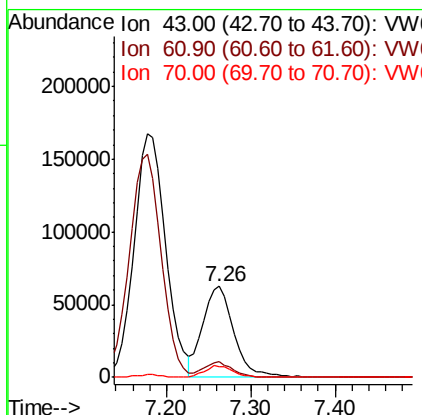
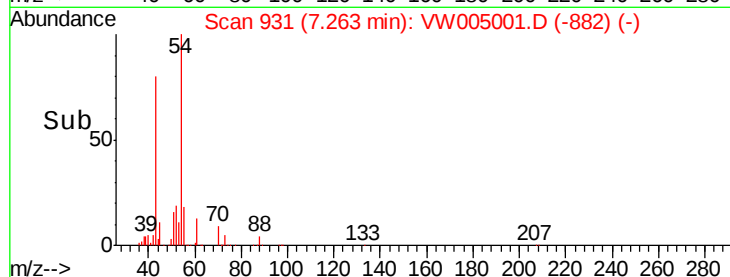
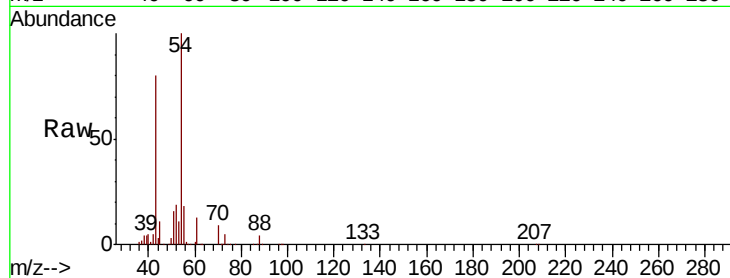
#37  
Ethyl Acetate  
Concen: 73.649 ug/l  
RT: 7.26 min Scan# 931  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC075

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.4  | 12.3  | 18.5  |
| 70      | 11.5  | 9.7   | 14.5  |

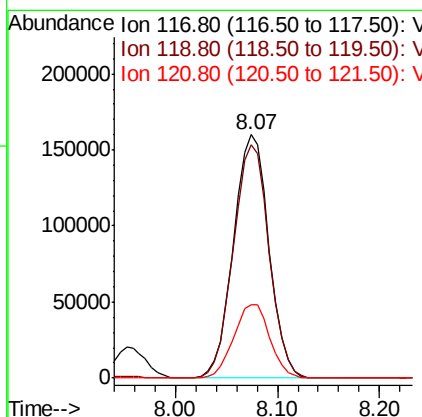
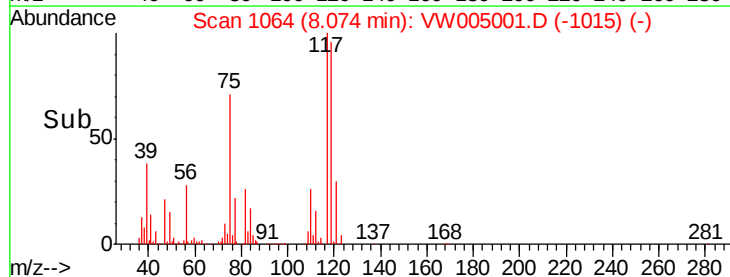
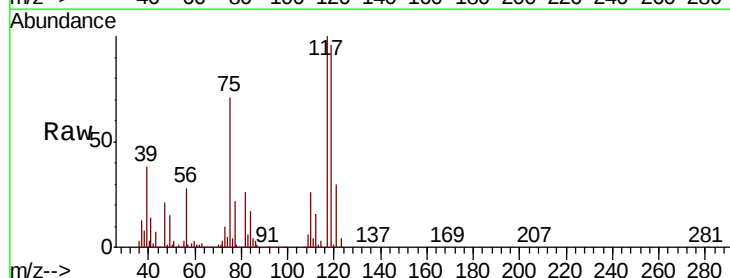
Manual Integrations  
APPROVED

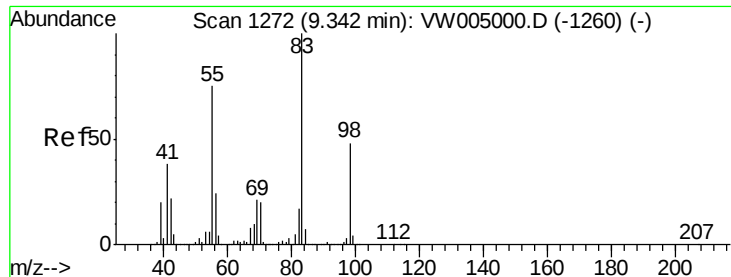
apatel  
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#38  
Carbon Tetrachloride  
Concen: 66.232 ug/l  
RT: 8.07 min Scan# 1064  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.7  | 77.8  | 116.8 |
| 121     | 30.3  | 25.2  | 37.8  |





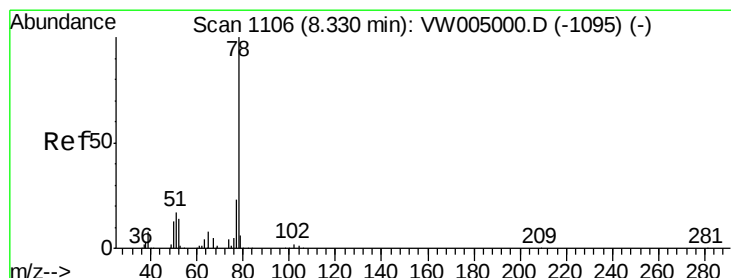
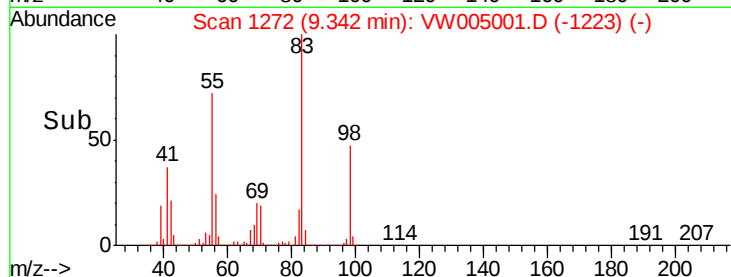
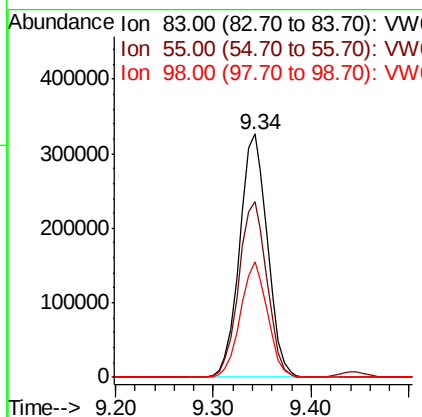
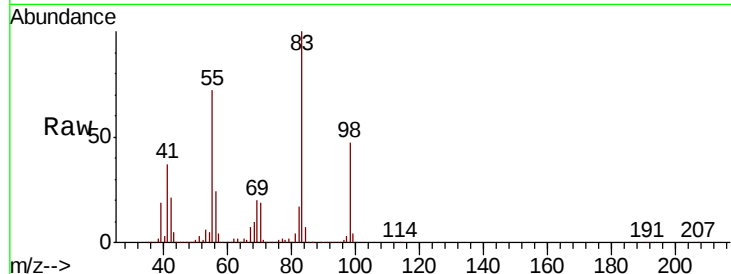
#39  
Methvlcvclohexane  
Concen: 77.476 ug/l  
RT: 9.34 min Scan# 1272  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC075

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.3  | 60.2  | 90.2  |
| 98      | 47.4  | 38.6  | 57.8  |

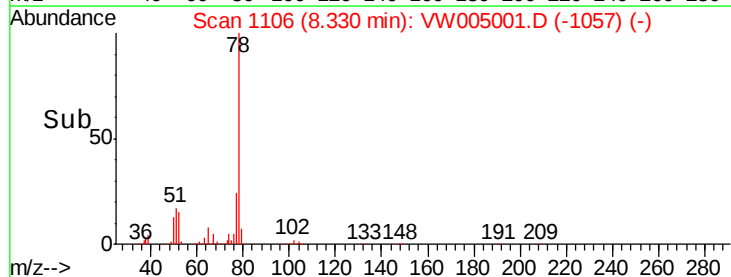
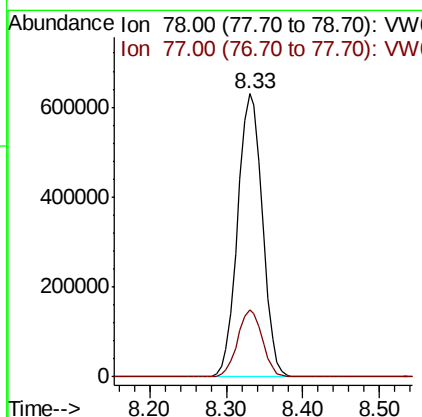
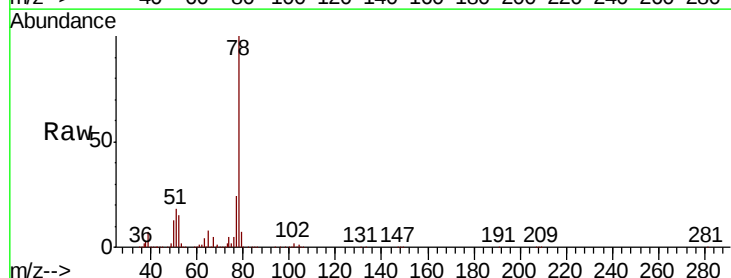
Manual Integrations  
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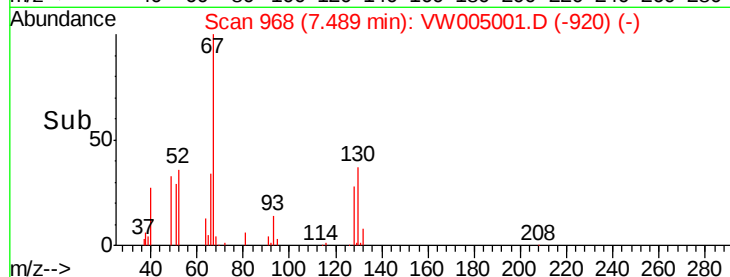
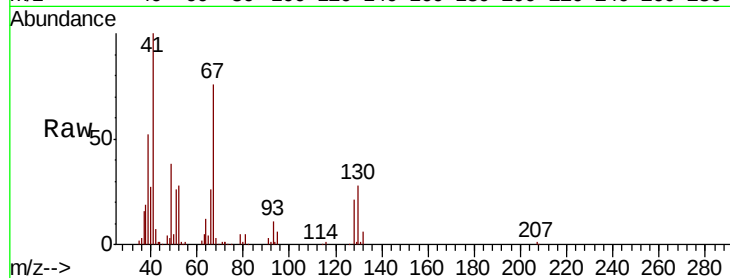
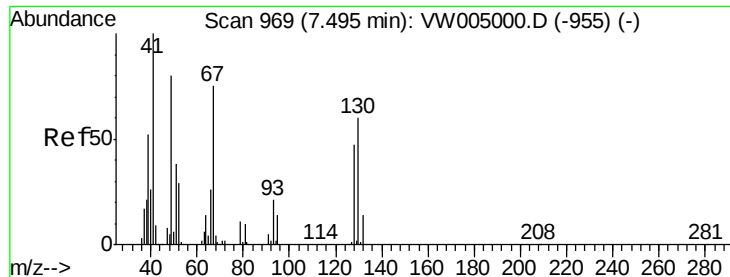
apatel  
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#40  
Benzene  
Concen: 73.344 ug/l  
RT: 8.33 min Scan# 1106  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

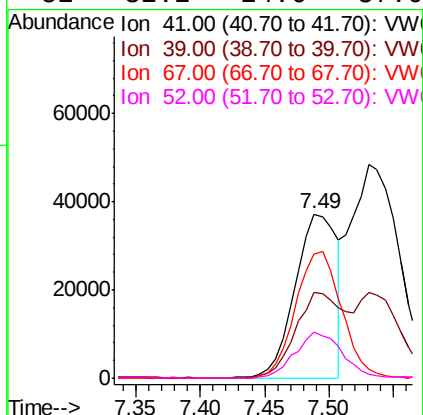
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.8  | 18.6  | 28.0  |





#41  
Methacrylonitrile  
Concen: 66.526 ug/l  
RT: 7.49 min Scan# 968  
Delta R.T. -0.01 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

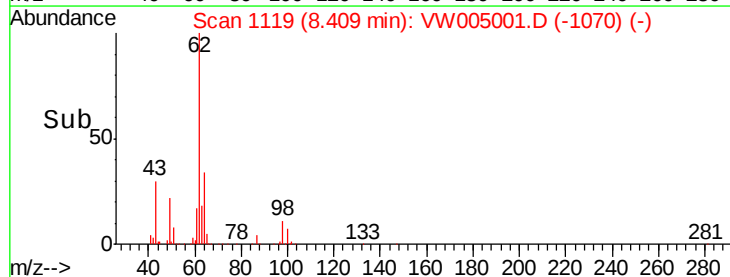
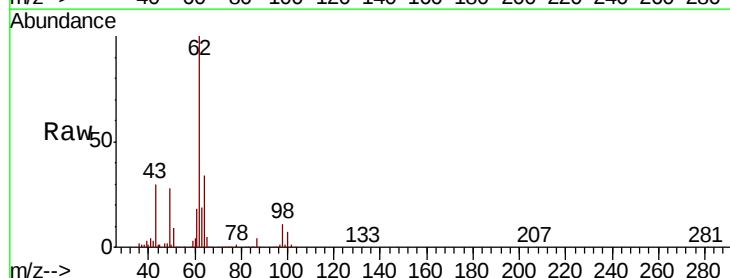
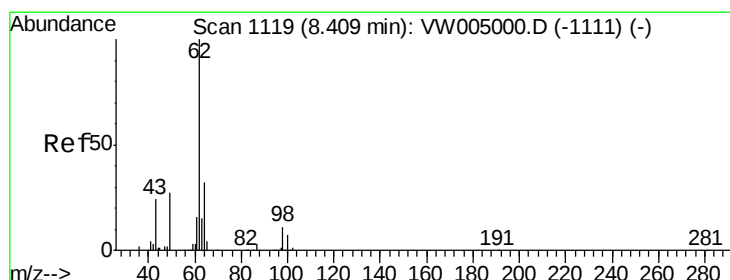
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 64.1  | 42.0  | 63.0# |
| 67      | 84.8  | 63.4  | 95.2  |
| 52      | 32.2  | 24.6  | 37.0  |



Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC075

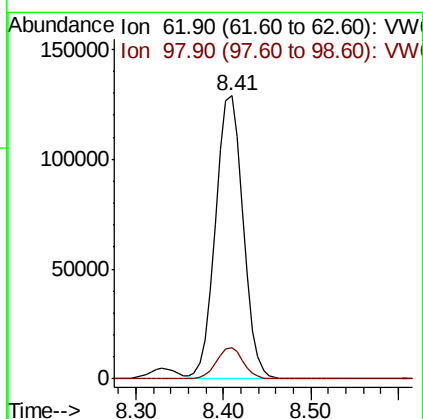
Manual Integrations  
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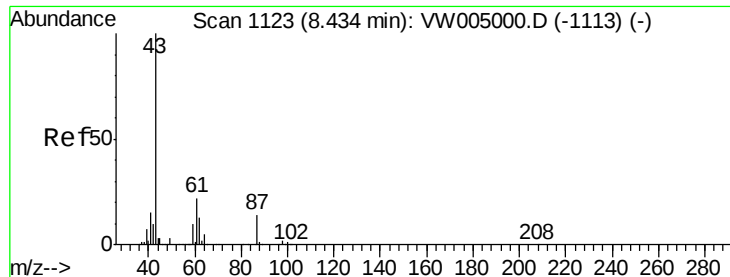
apatel  
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#42  
1,2-Dichloroethane  
Concen: 65.923 ug/l  
RT: 8.41 min Scan# 1119  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.7  | 0.0   | 20.8  |





#43

Isopropyl Acetate

Concen: 75.194 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

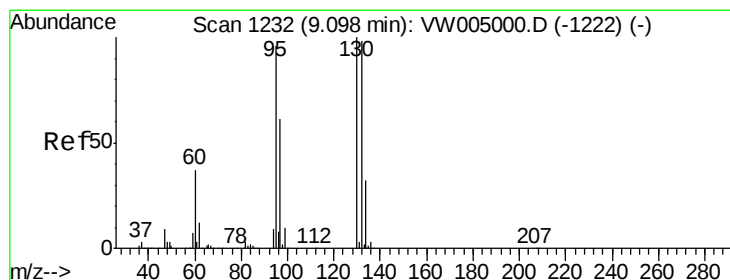
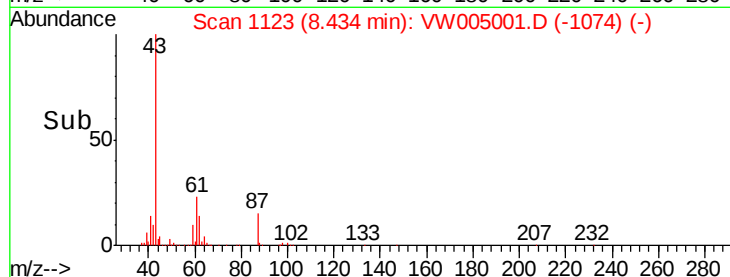
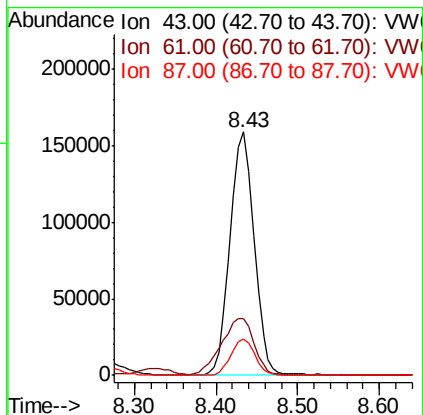
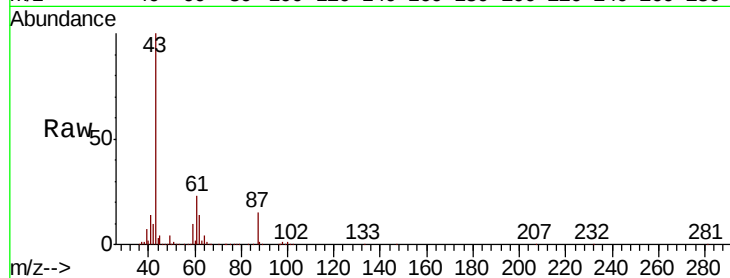
ClientSampleId :

VSTDIC075

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 324294 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 31.5  | 26.2  | 39.4   |
| 87       | 14.7  | 11.8  | 17.6   |

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#44

Trichloroethene

Concen: 71.849 ug/l

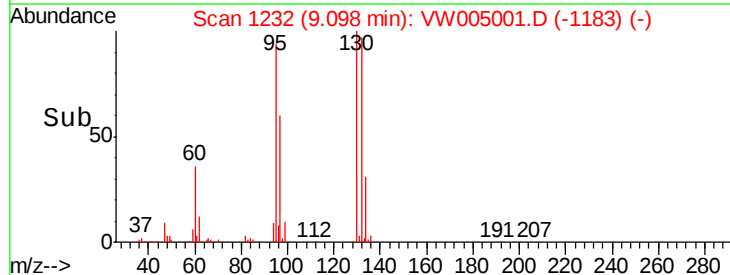
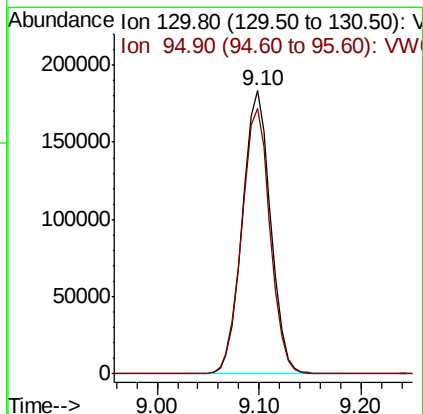
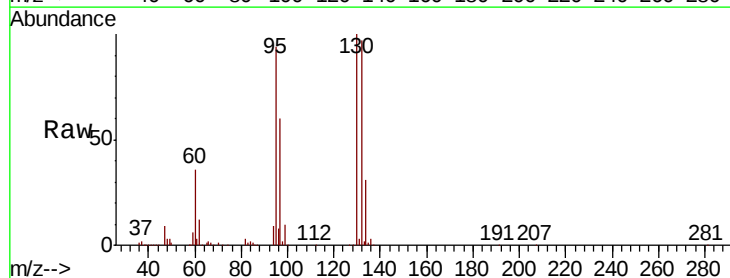
RT: 9.10 min Scan# 1232

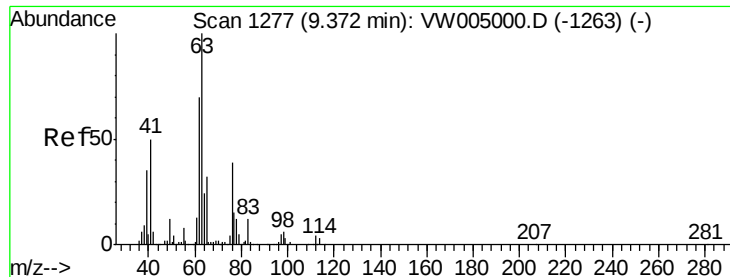
Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 353234 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 93.9  | 0.0   | 192.2  |





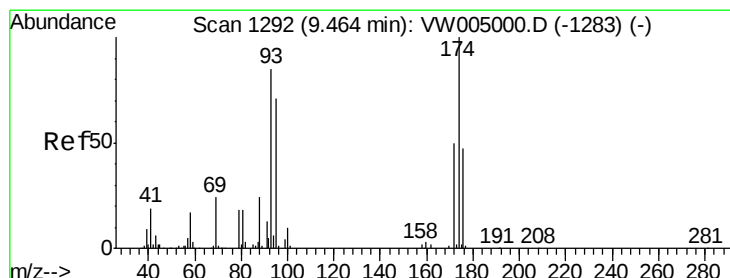
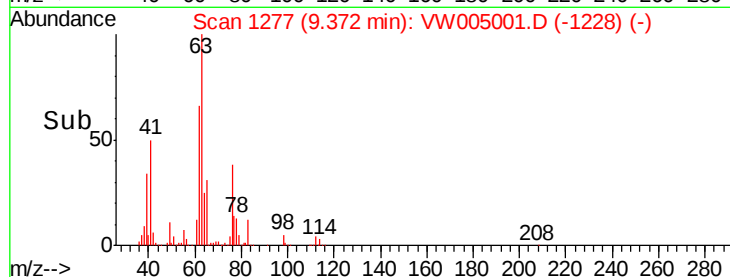
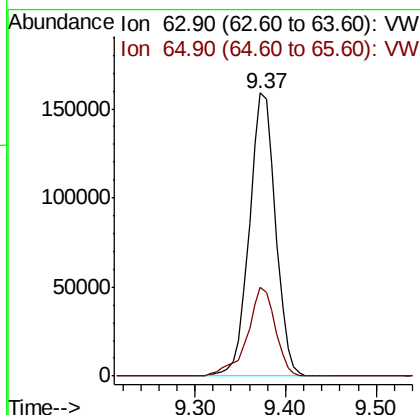
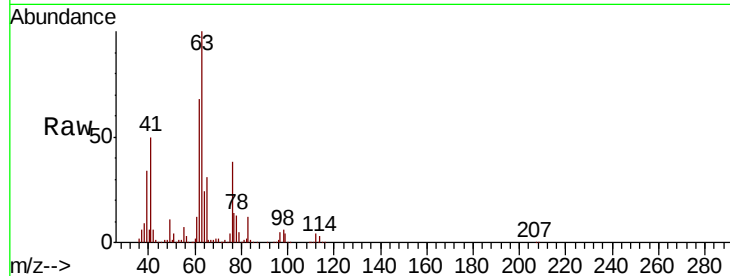
#45  
 1,2-Dichloropropane  
 Concen: 72.192 ug/l  
 RT: 9.37 min Scan# 1277  
 Delta R.T. -0.00 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC075

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.3  | 25.3  | 37.9  |

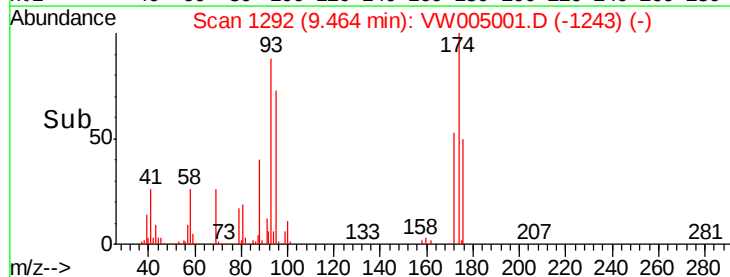
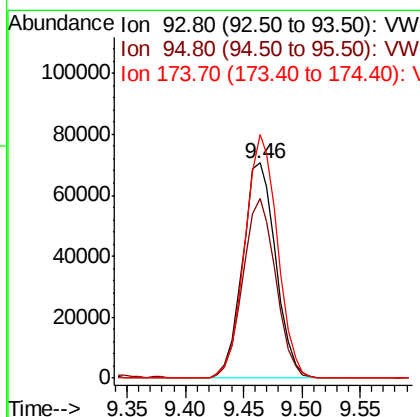
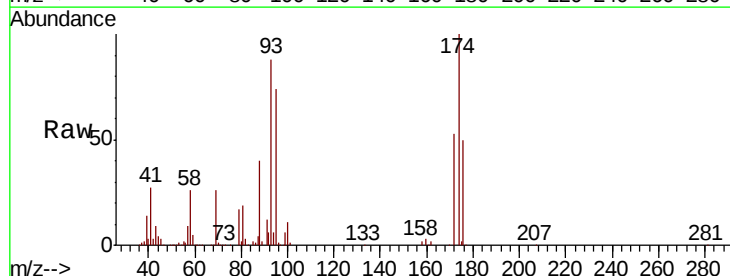
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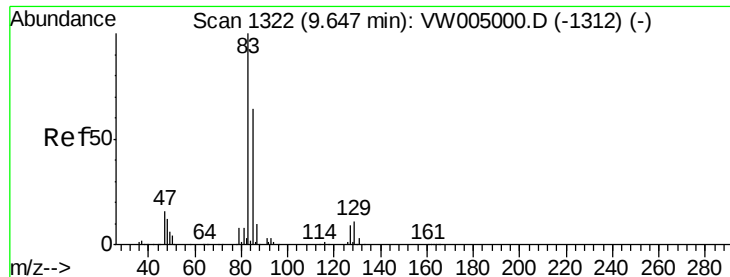
apatel  
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#46  
 Dibromomethane  
 Concen: 67.251 ug/l  
 RT: 9.46 min Scan# 1292  
 Delta R.T. -0.00 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 82.7  | 68.0  | 102.0 |
| 174     | 111.0 | 91.4  | 137.0 |





#47

Bromodichloromethane

Concen: 67.531 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

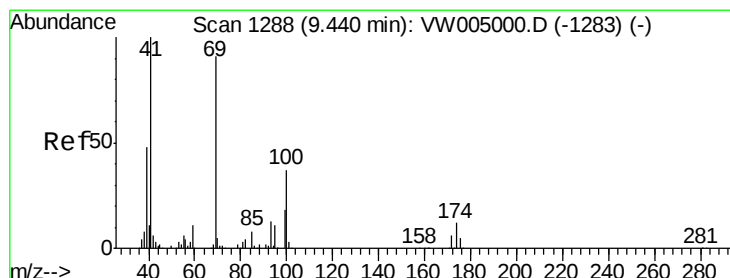
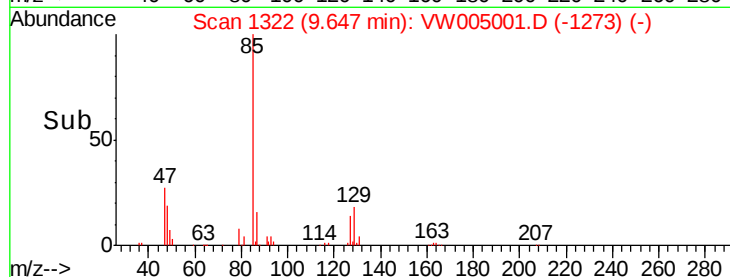
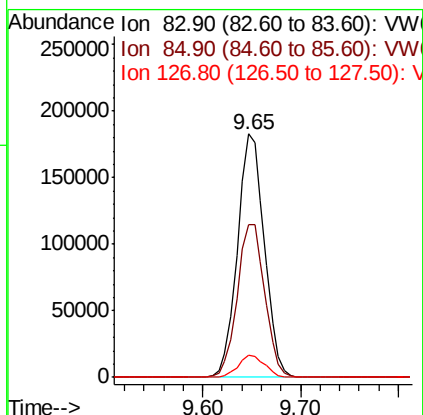
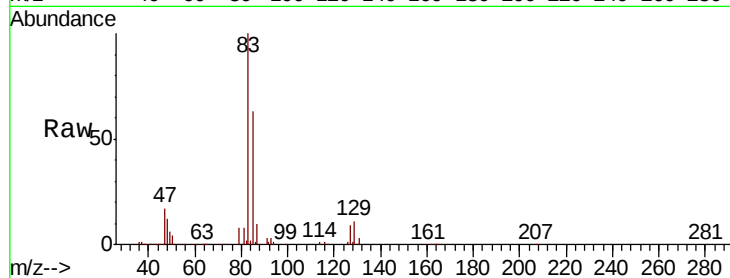
ClientSampleId :

VSTDIC075

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 347802 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.9  | 51.3  | 76.9   |
| 127      | 8.9   | 7.2   | 10.8   |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 81.704 ug/l

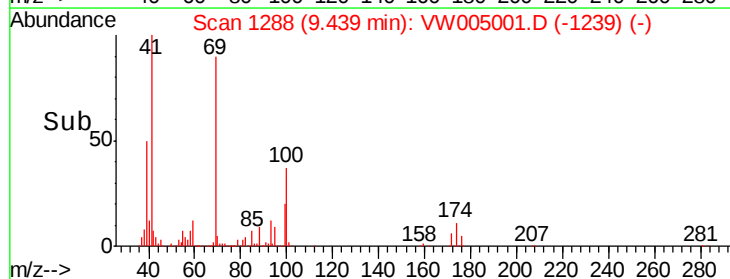
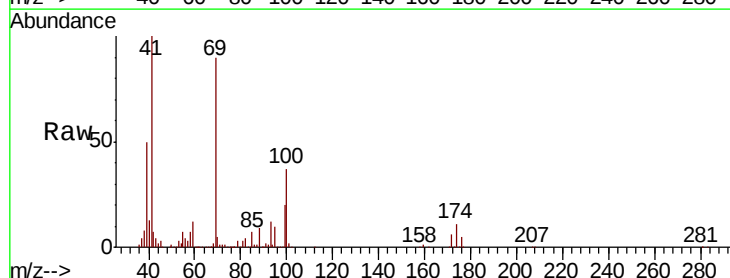
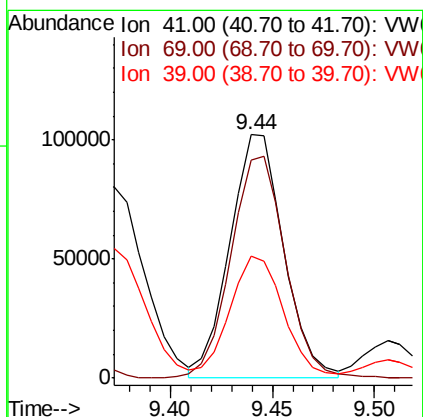
RT: 9.44 min Scan# 1288

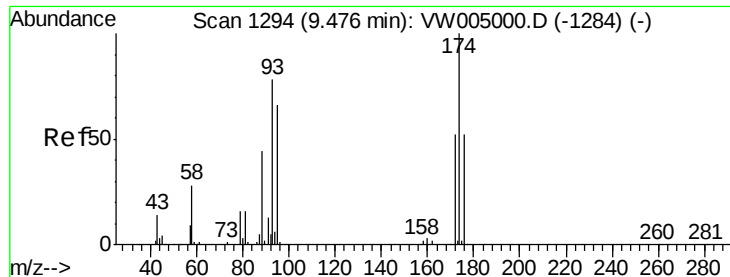
Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 187090 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 92.9  | 72.5  | 108.7  |
| 39       | 46.5  | 37.0  | 55.6   |





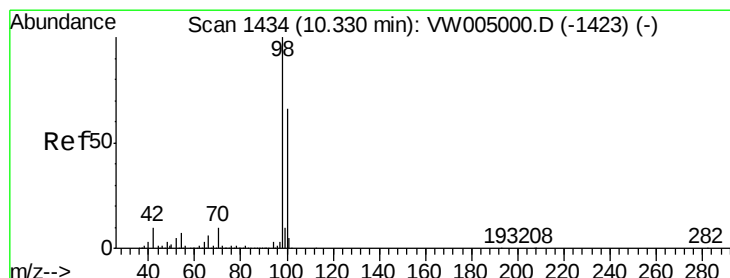
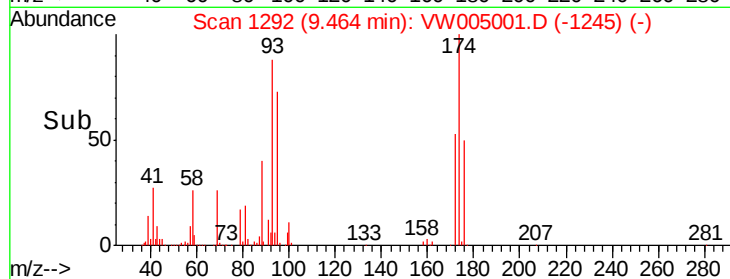
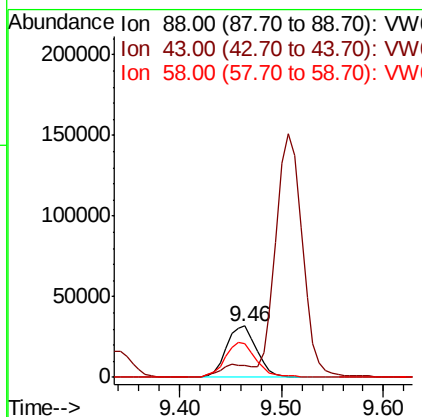
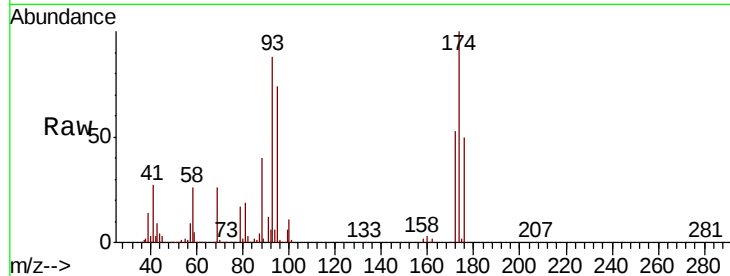
#49  
1,4-Dioxane  
Concen: 1509.098 ug/l  
RT: 9.46 min Scan# 1292  
Delta R.T. -0.01 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC075

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 24.4  | 0.0   | 0.0#  |
| 58      | 71.5  | 57.0  | 85.4  |

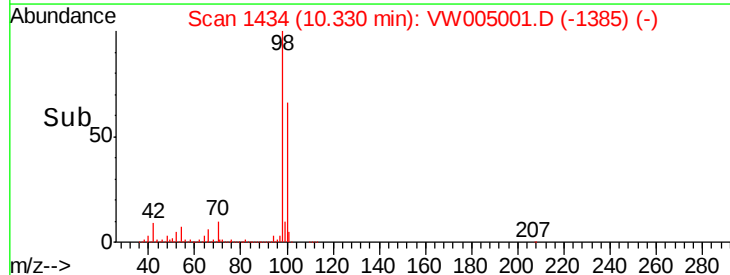
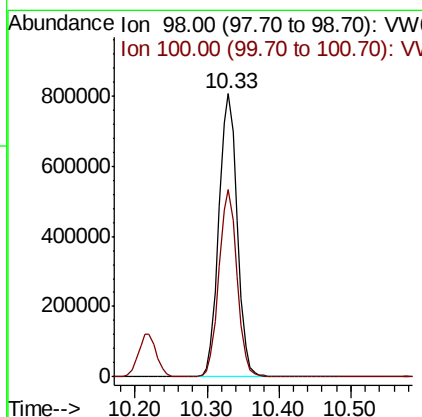
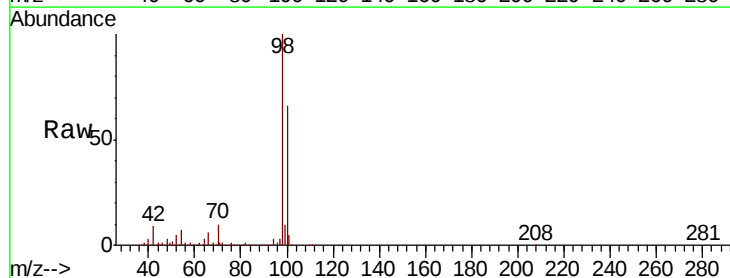
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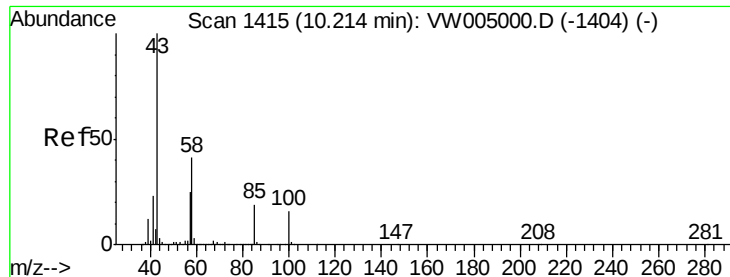
apatel  
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#50  
Toluene-d8  
Concen: 73.673 ug/l  
RT: 10.33 min Scan# 1434  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.2  | 51.9  | 77.9  |





#51

4-Methyl-2-Pentanone

Concen: 391.232 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 1263716

Ion Ratio Lower Upper

43 100

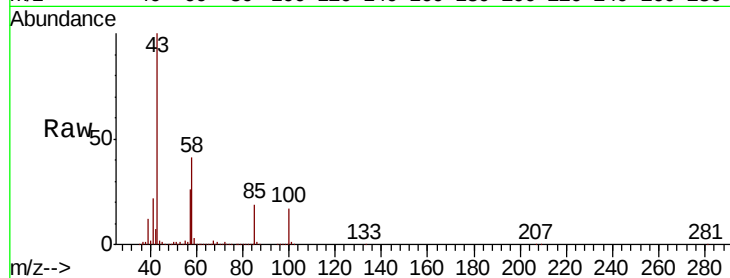
58 42.0 33.5 50.3

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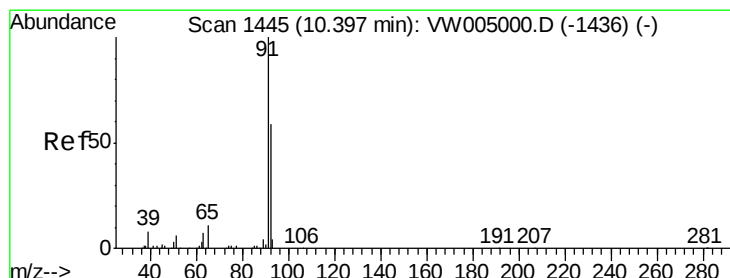
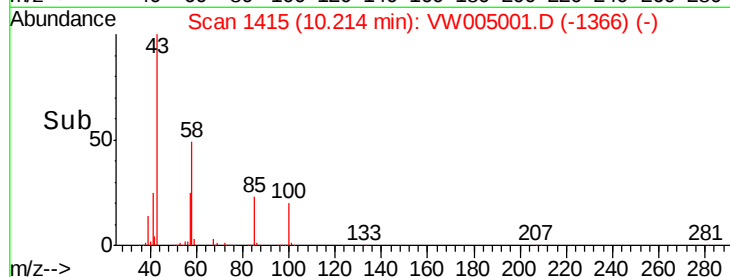
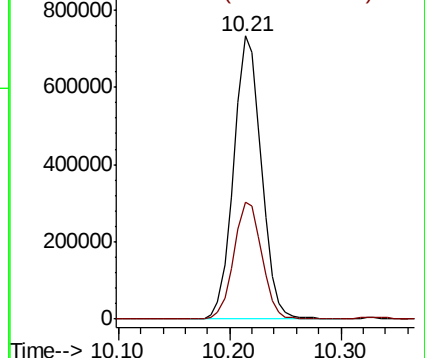
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 73.504 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW005001.D

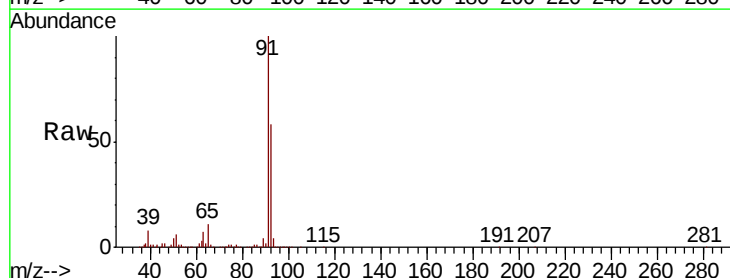
Acq: 29 Aug 2018 13:53

Tgt Ion: 92 Resp: 1049642

Ion Ratio Lower Upper

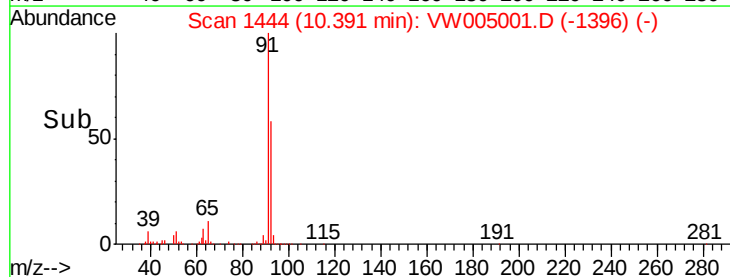
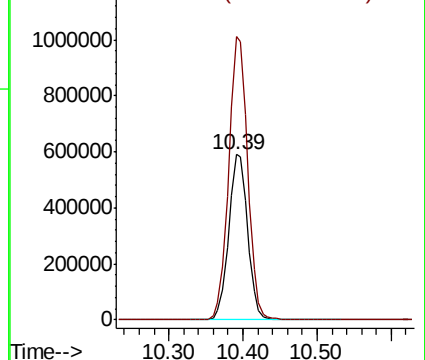
92 100

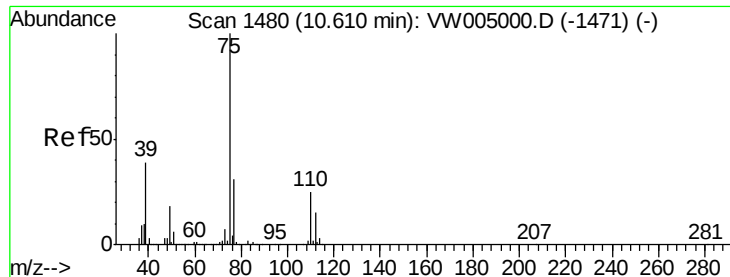
91 171.6 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 76.550 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC075

Tot Ion: 75 Resp: 421050

Ion Ratio Lower Upper

75 100

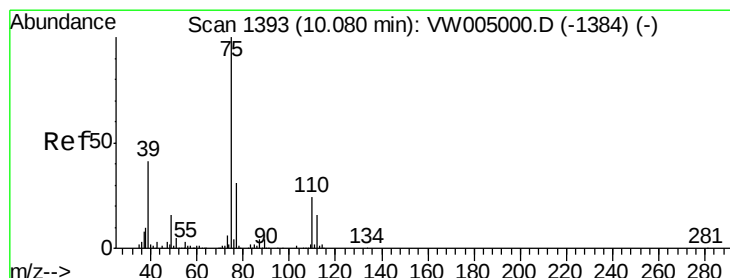
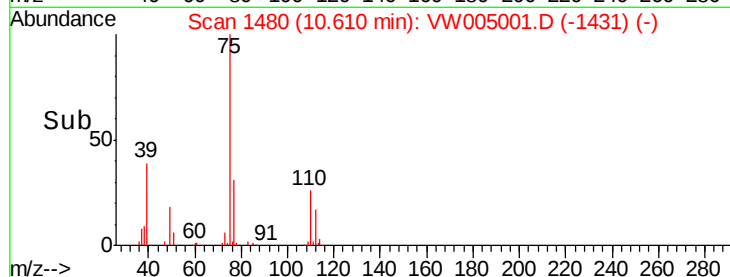
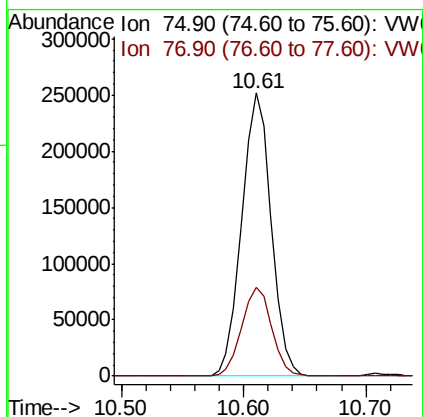
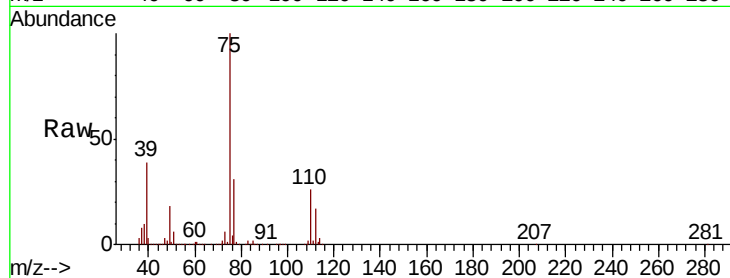
77 31.4 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 73.611 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

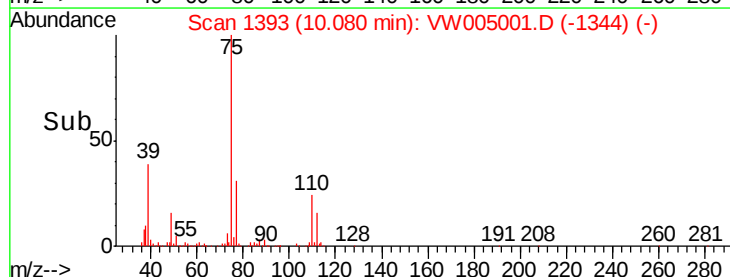
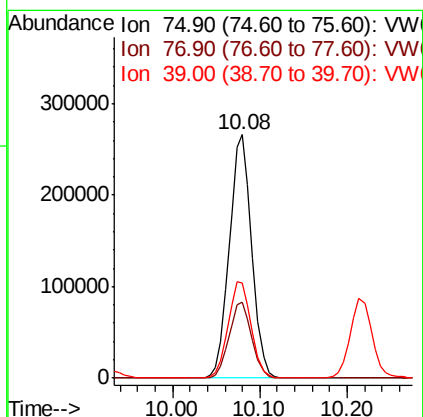
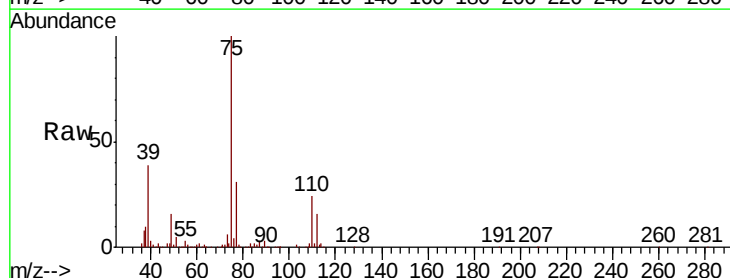
Tgt Ion: 75 Resp: 472135

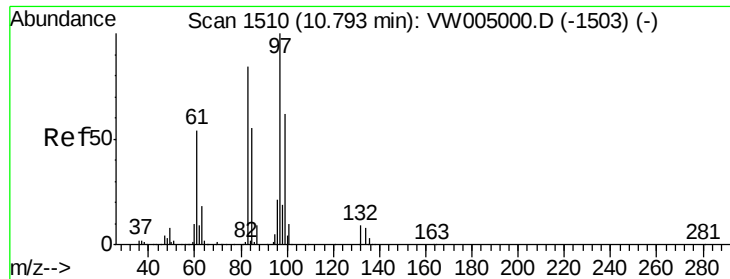
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 39.2 32.9 49.3





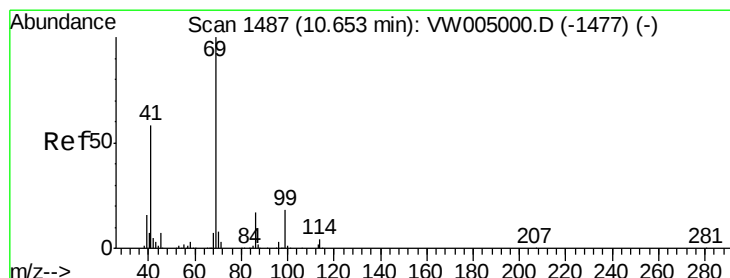
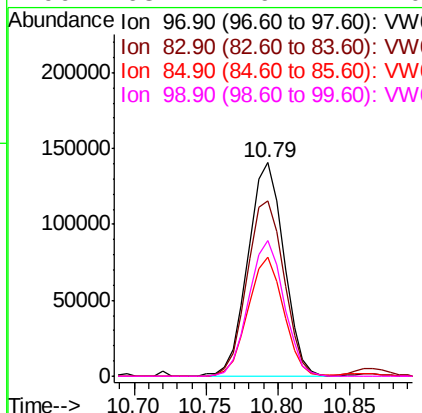
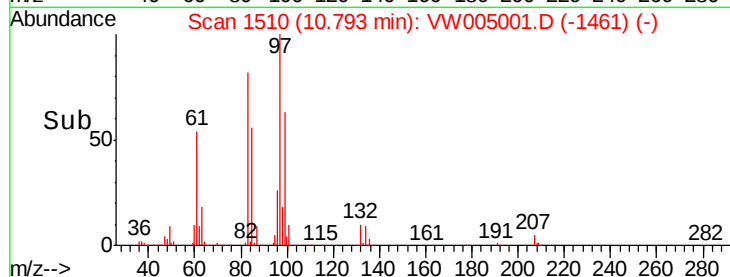
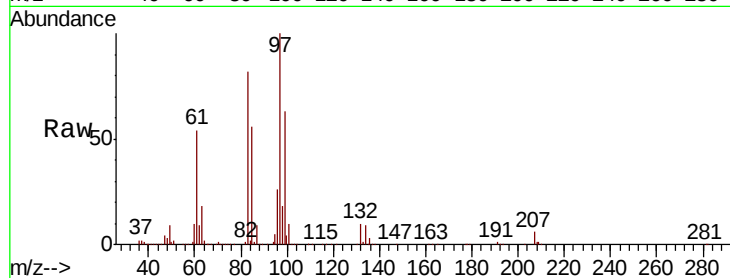
#55  
 1,1,2-Trichloroethane  
 Concen: 71.345 ug/l  
 RT: 10.79 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC075

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 243403 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 82.2  | 67.3  | 100.9  |
| 85       | 55.6  | 44.3  | 66.5   |
| 99       | 63.2  | 49.4  | 74.0   |

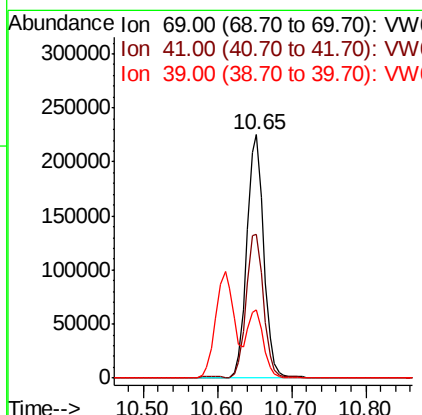
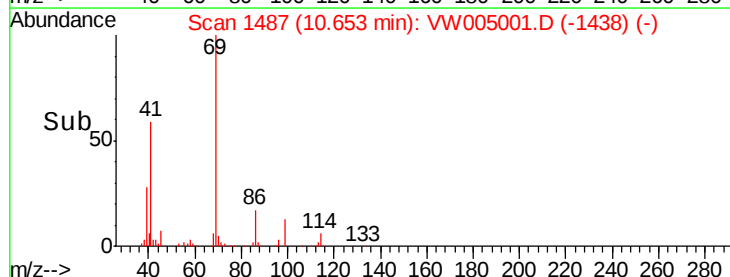
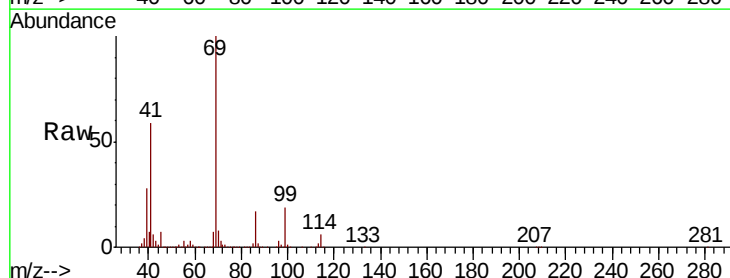
Manual Integrations  
 APPROVED

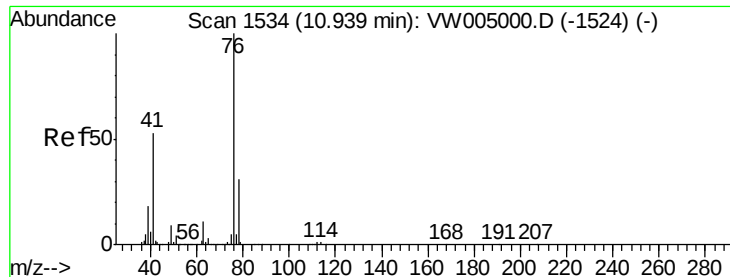
apatel  
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#56  
 Ethyl methacrylate  
 Concen: 80.507 ug/l  
 RT: 10.65 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 360263 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.6  | 47.7  | 71.5   |
| 39       | 26.2  | 21.0  | 31.6   |





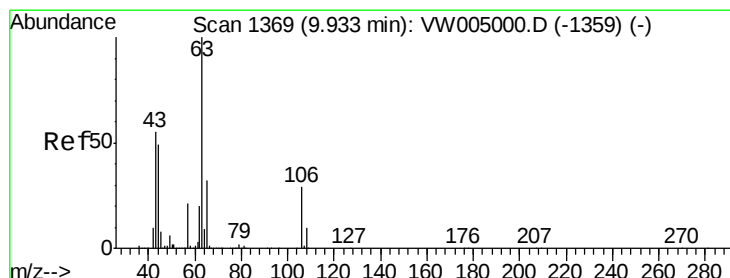
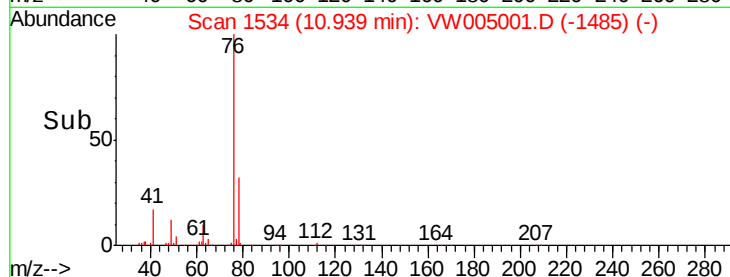
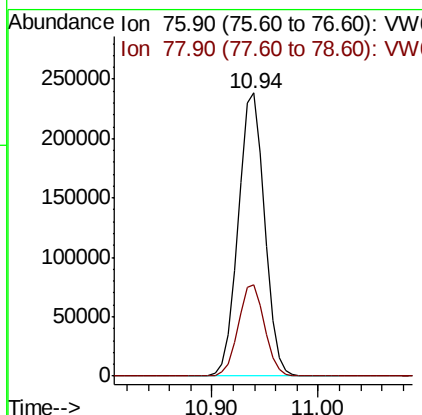
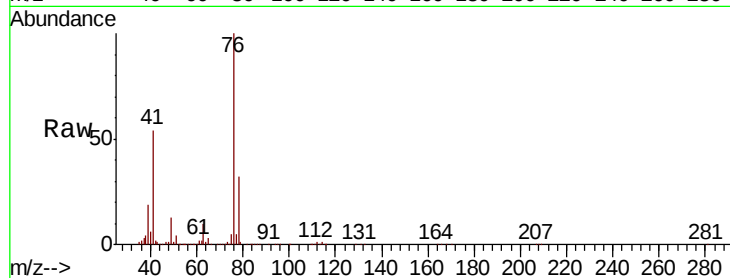
#57  
 1,3-Dichloropropane  
 Concen: 73.962 ug/l  
 RT: 10.94 min Scan# 1534  
 Delta R.T. -0.00 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VSTDIC075

Tot Ion: 76 Resp: 415213  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 25.6 38.4

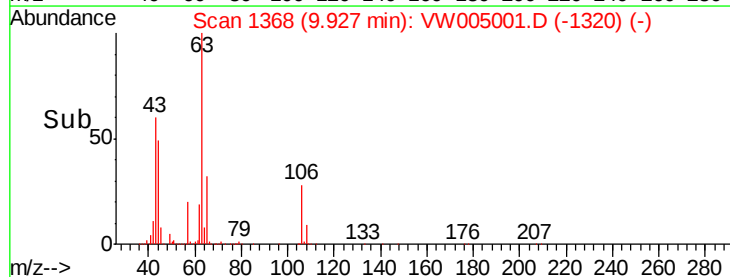
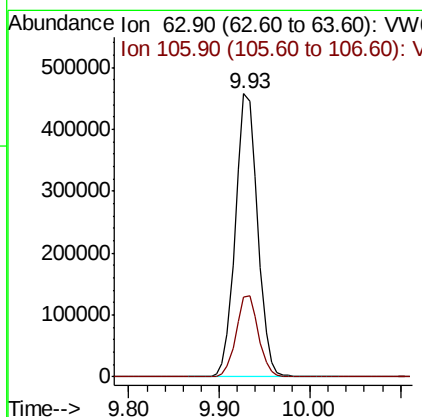
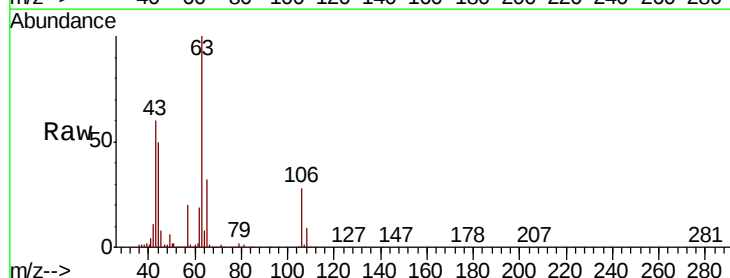
Manual Integrations  
 APPROVED

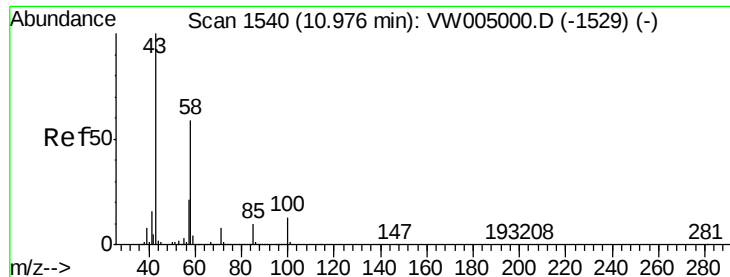
apatel  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 402.854 ug/l  
 RT: 9.93 min Scan# 1368  
 Delta R.T. -0.01 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

Tgt Ion: 63 Resp: 776660  
 Ion Ratio Lower Upper  
 63 100  
 106 28.7 23.2 34.8





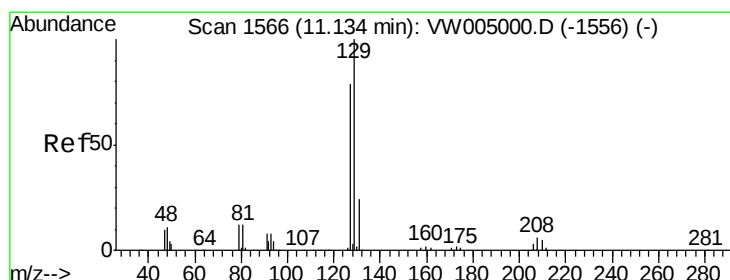
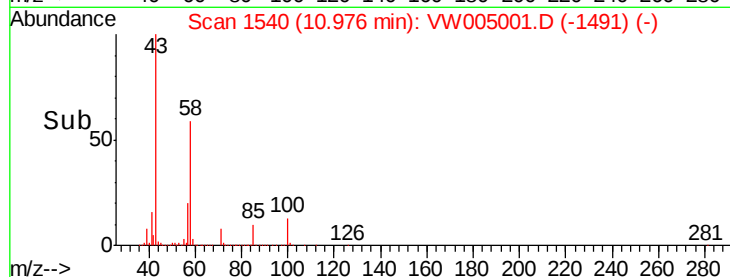
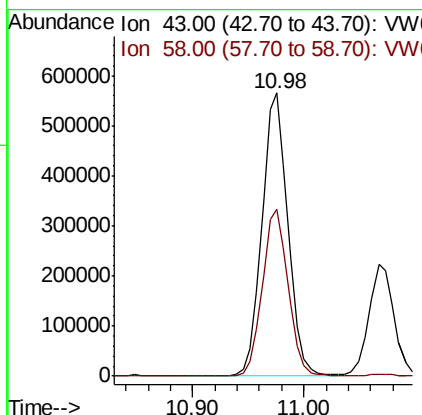
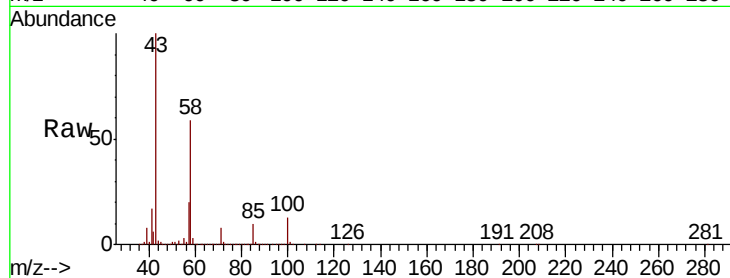
#59  
2-Hexanone  
Concen: 392.717 ug/l  
RT: 10.98 min Scan# 1540  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC075

Tot Ion: 43 Resp: 918446  
Ion Ratio Lower Upper  
43 100  
58 58.8 29.2 87.6

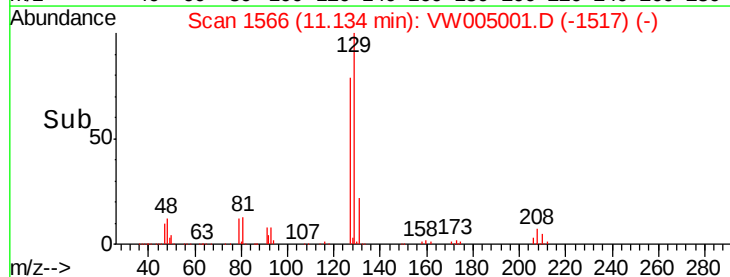
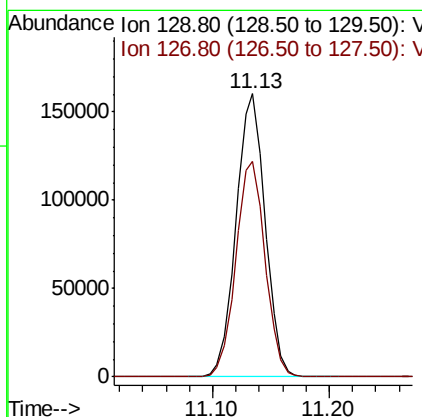
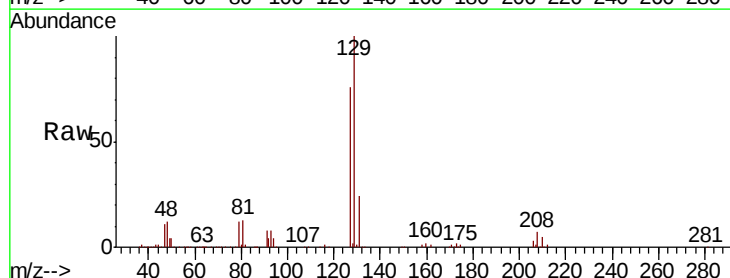
Manual Integrations  
APPROVED

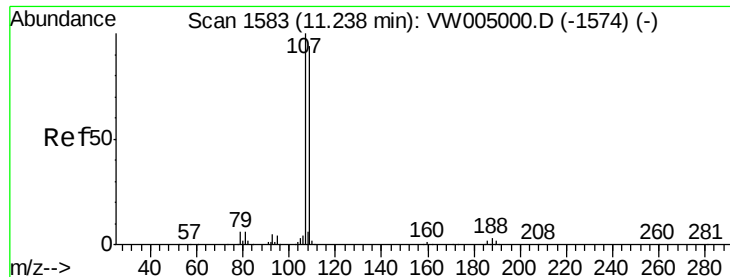
apatel  
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#60  
Dibromochloromethane  
Concen: 74.414 ug/l  
RT: 11.13 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Tgt Ion: 129 Resp: 278627  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.3 114.8





#61

1,2-Dibromoethane

Concen: 75.700 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC075

Tot Ion: 107 Resp: 242119

Ion Ratio Lower Upper

107 100

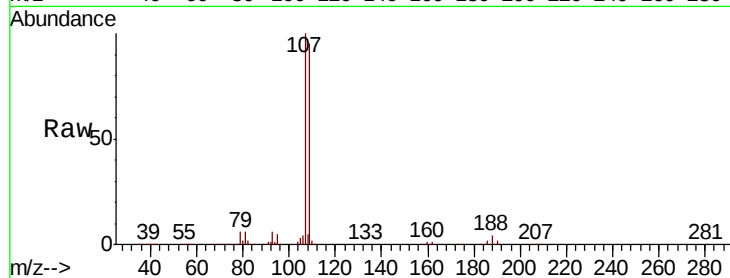
109 94.3 75.2 112.8

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

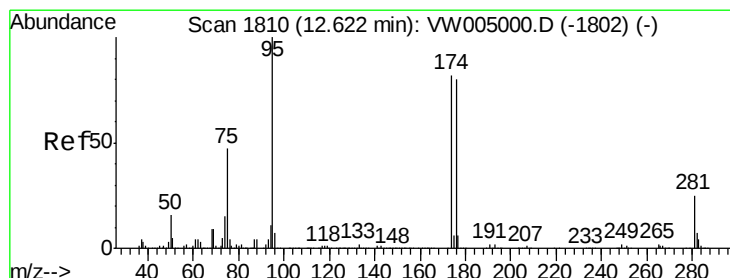
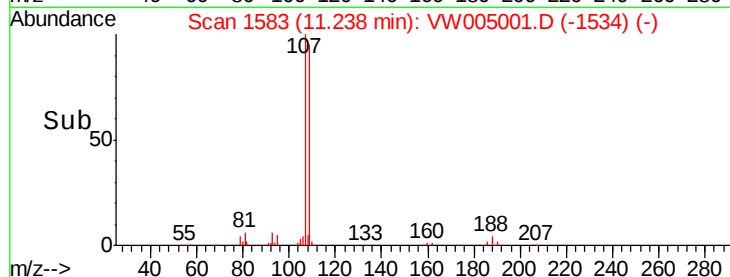
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 73.805 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

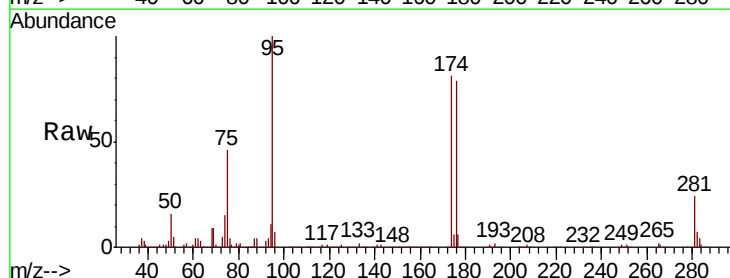
Tgt Ion: 95 Resp: 519552

Ion Ratio Lower Upper

95 100

174 85.9 0.0 173.4

176 83.1 0.0 167.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

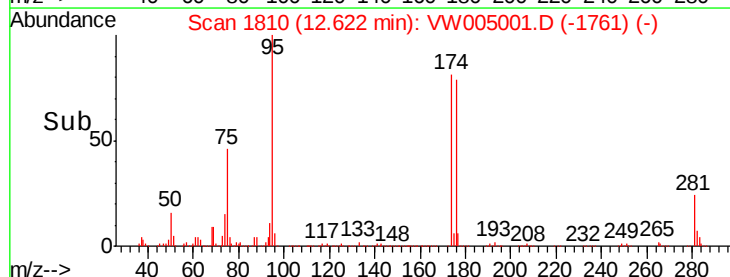
300000

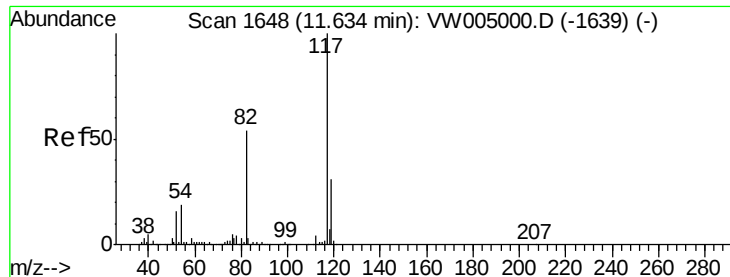
200000

100000

0

Time-->





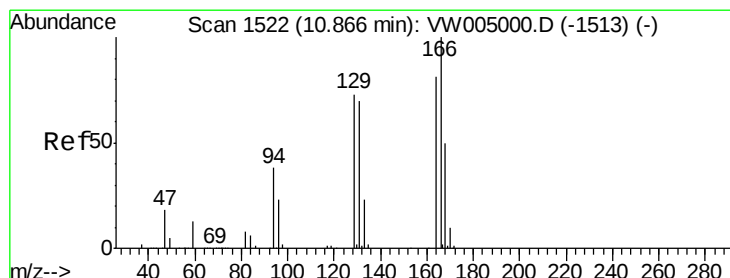
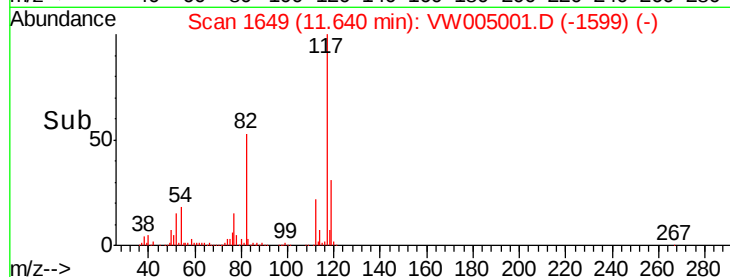
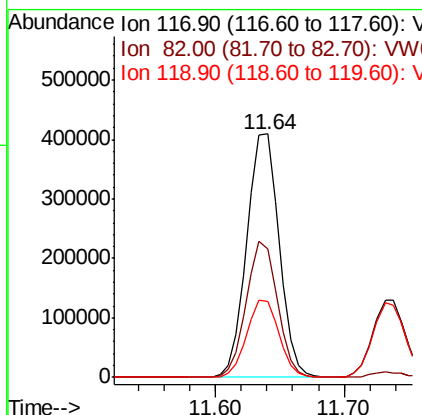
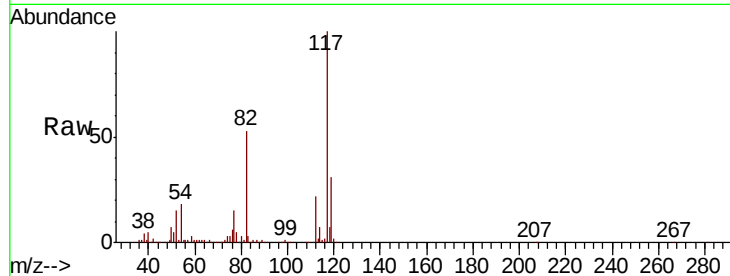
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1649  
Delta R.T. 0.01 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC075

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.5  | 43.3  | 64.9  |
| 119     | 31.4  | 25.0  | 37.6  |

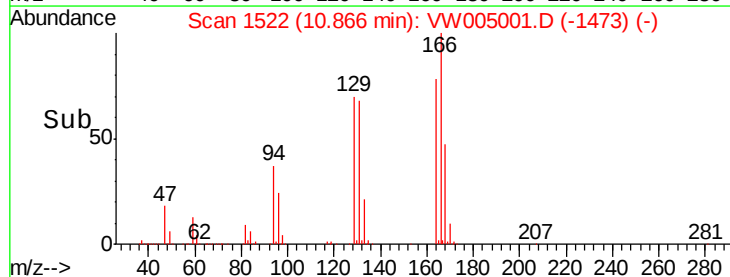
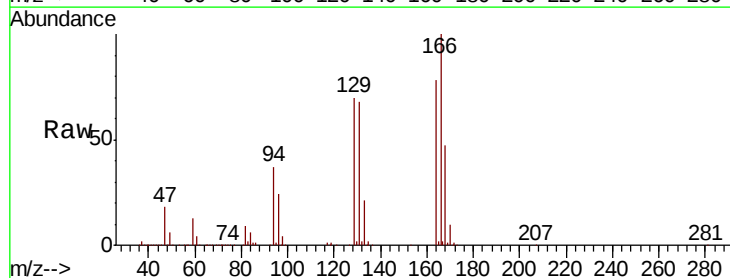
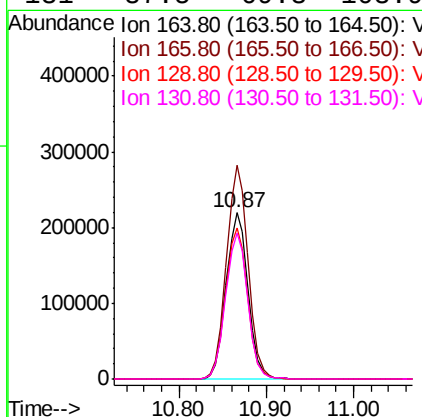
Manual Integrations  
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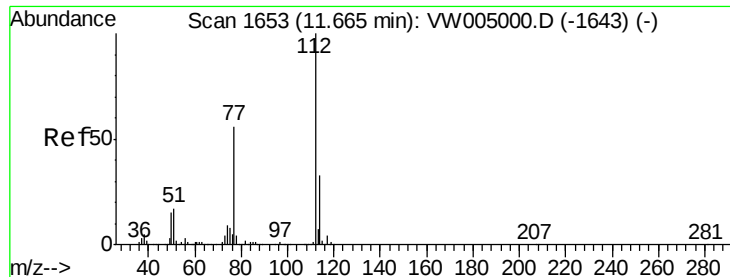
apatel  
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#64  
Tetrachloroethene  
Concen: 73.415 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.5 | 99.4  | 149.0 |
| 129     | 90.5  | 72.2  | 108.2 |
| 131     | 87.5  | 69.3  | 103.9 |





#65

Chlorobenzene

Concen: 73.645 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC075

Tot Ion:112 Resp: 1150458

Ion Ratio Lower Upper

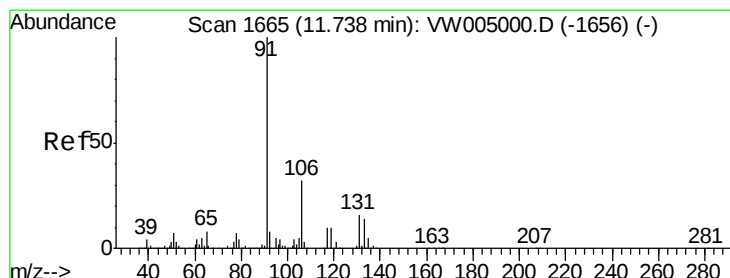
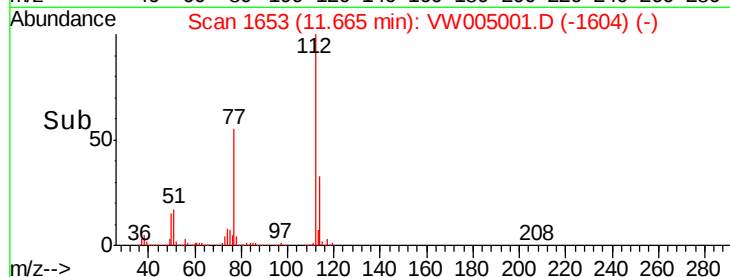
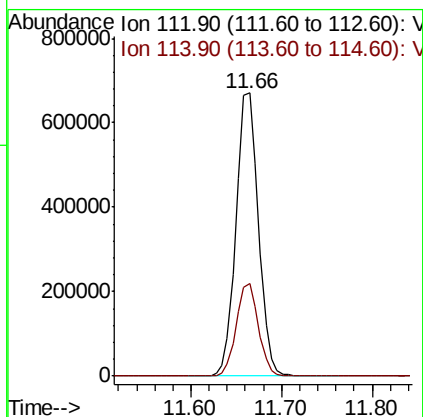
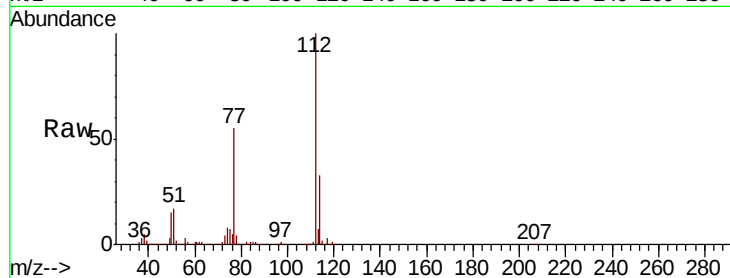
112 100

114 32.8 26.1 39.1

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#66

1,1,1,2-Tetrachloroethane

Concen: 75.497 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

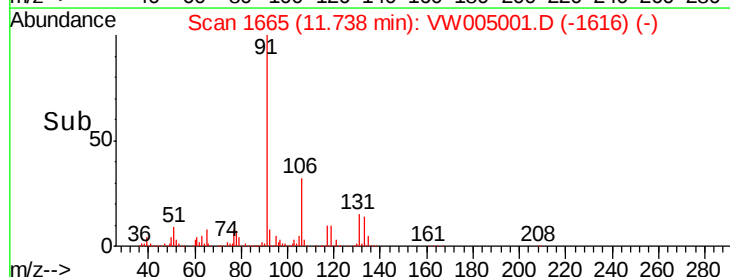
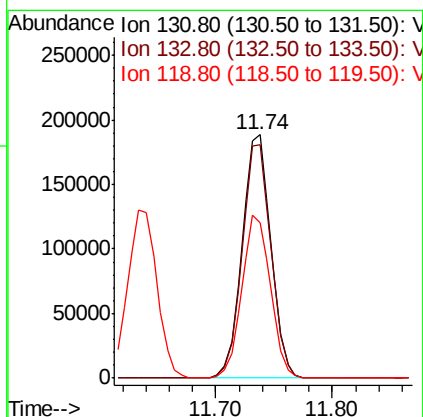
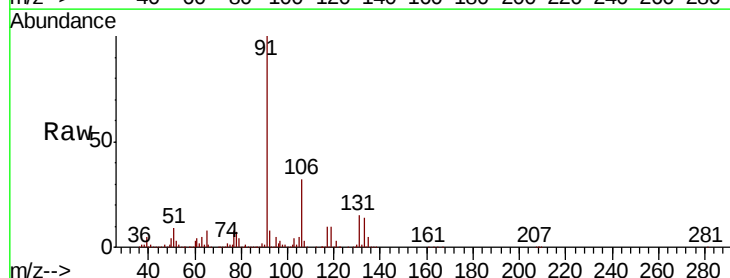
Tgt Ion:131 Resp: 323926

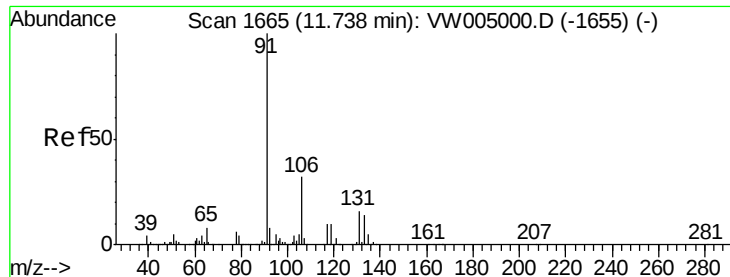
Ion Ratio Lower Upper

131 100

133 96.6 47.4 142.3

119 66.8 33.1 99.3





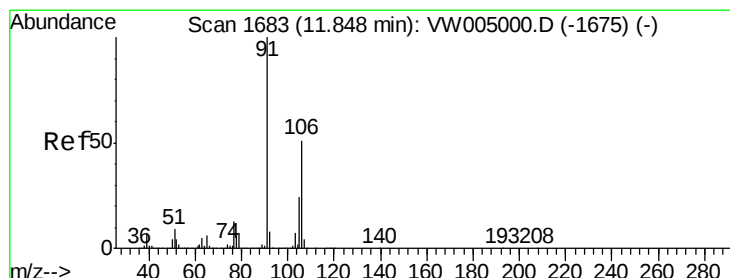
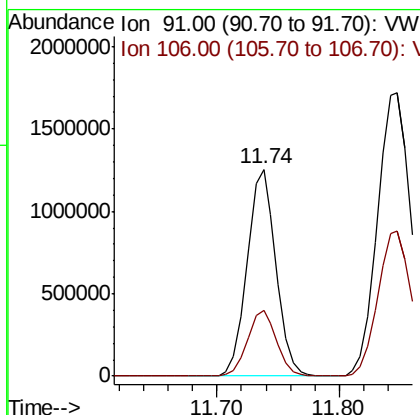
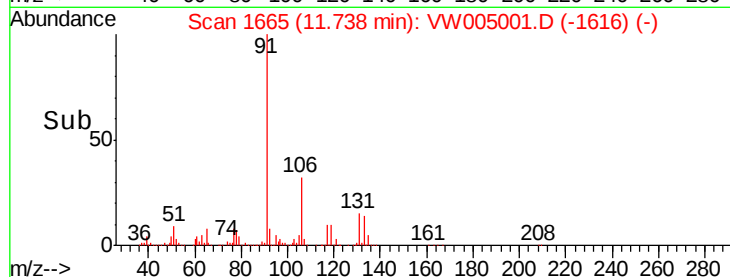
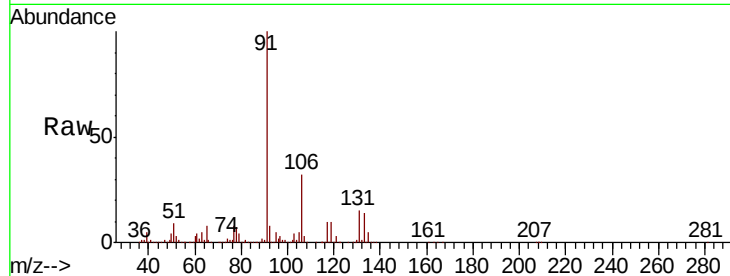
#67  
Ethyl Benzene  
Concen: 76.677 ug/l  
RT: 11.74 min Scan# 1665  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC075

Tot Ion: 91 Resp: 2051029  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.4 38.2

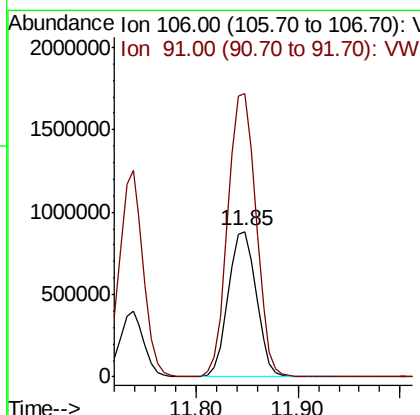
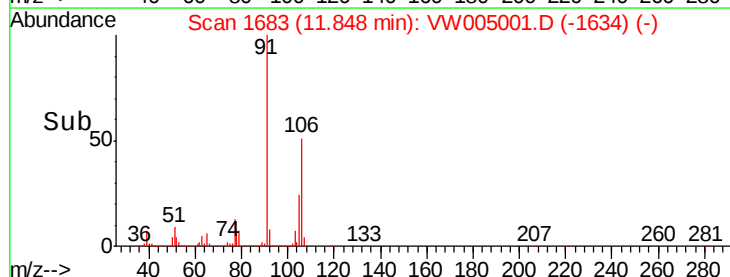
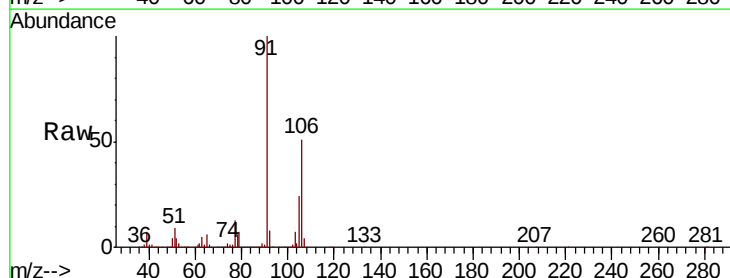
Manual Integrations  
APPROVED

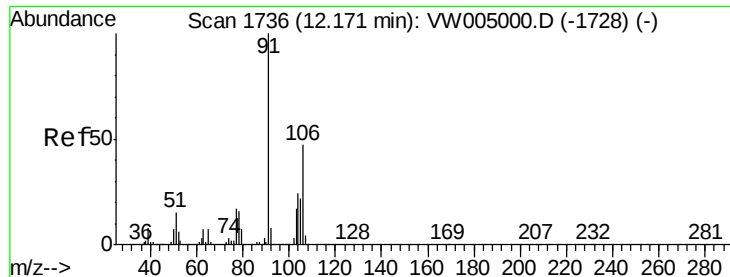
apatel  
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#68  
m/p-Xylenes  
Concen: 153.683 ug/l  
RT: 11.85 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Tgt Ion: 106 Resp: 1676686  
Ion Ratio Lower Upper  
106 100  
91 196.4 158.4 237.6





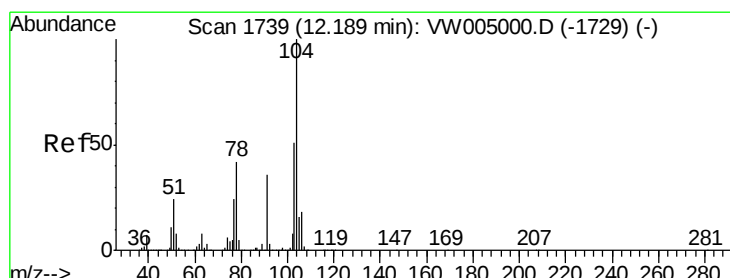
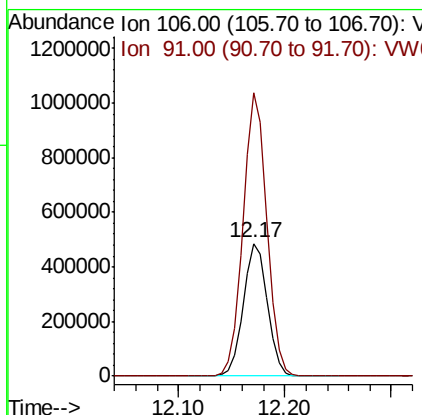
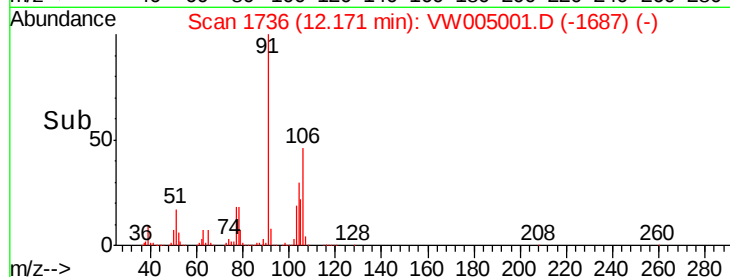
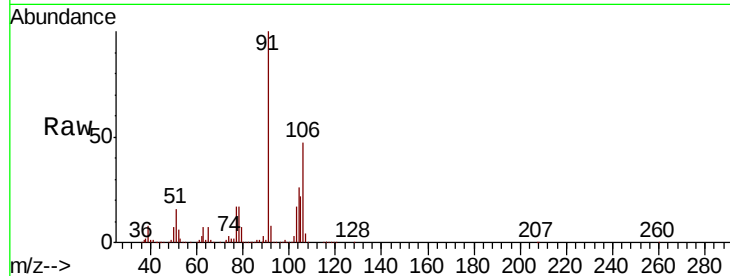
#69  
o-Xylene  
Concen: 77.435 ug/l  
RT: 12.17 min Scan# 1736  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC075

Tot Ion:106 Resp: 771952  
Ion Ratio Lower Upper  
106 100  
91 210.8 104.4 313.1

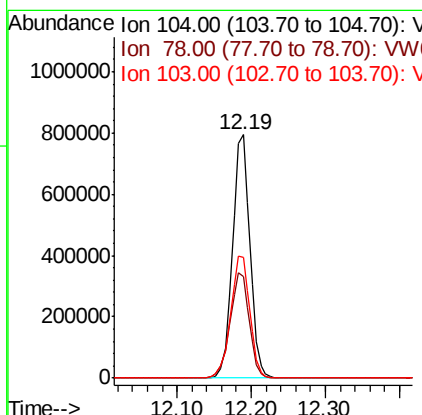
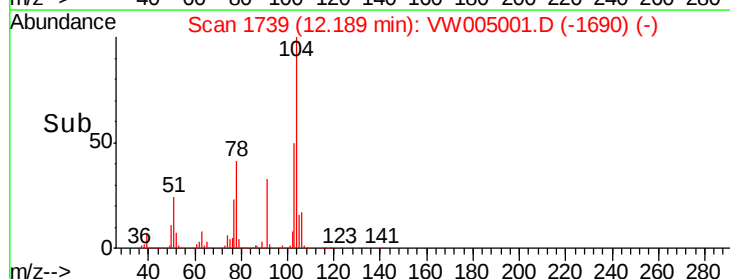
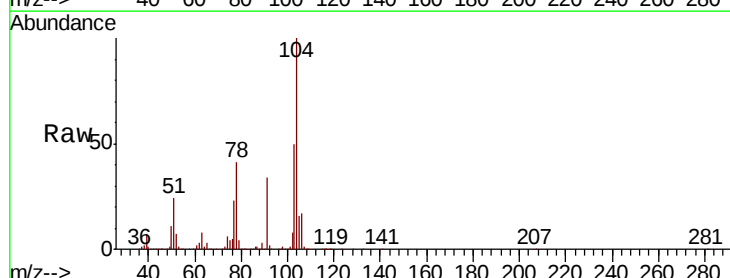
Manual Integrations  
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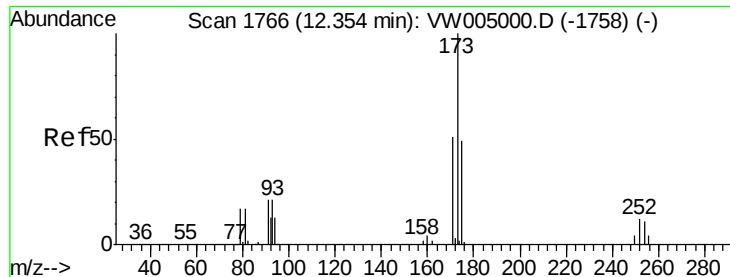
apatel  
8/30/2018 12:43:39 PM



#70  
Styrene  
Concen: 78.751 ug/l  
RT: 12.19 min Scan# 1739  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Tgt Ion:104 Resp: 1302325  
Ion Ratio Lower Upper  
104 100  
78 47.2 37.6 56.4  
103 54.9 43.9 65.9





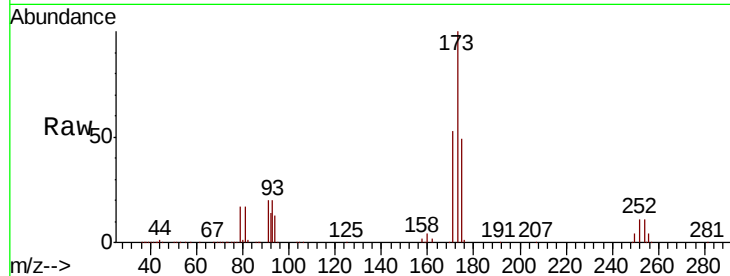
#71  
Bromoform  
Concen: 77.087 ug/l  
RT: 12.35 min Scan# 1766  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC075

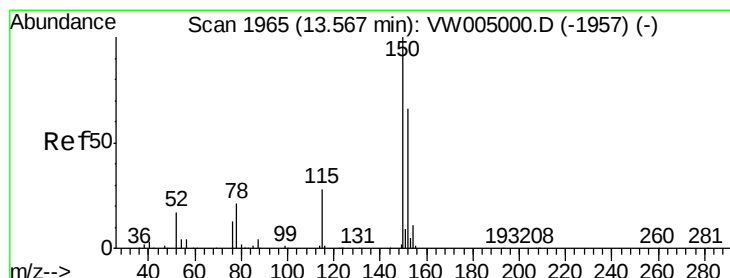
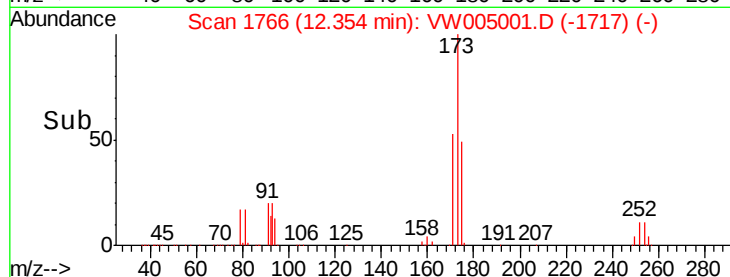
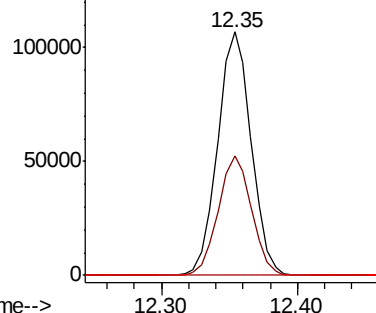
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.8  | 24.3  | 73.0  |
| 254     | 0.1   | 0.1   | 0.1   |

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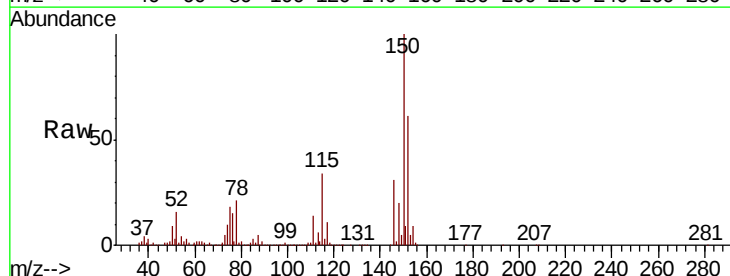


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

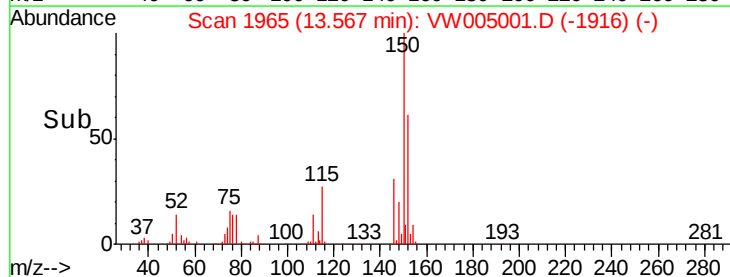
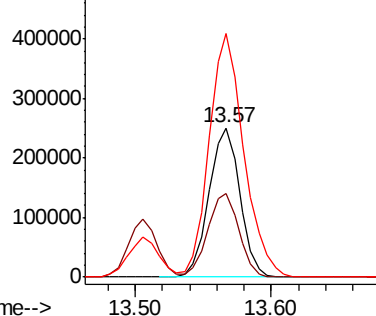


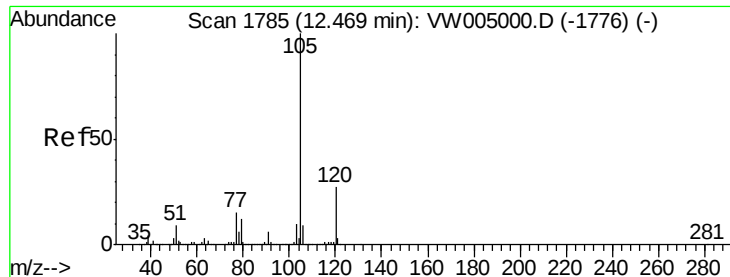
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.57 min Scan# 1965  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 56.0  | 28.0  | 83.9  |
| 150     | 182.9 | 0.0   | 347.2 |



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: 78.542 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC075

Tot Ion: 105 Resp: 2081495

Ion Ratio Lower Upper

105 100

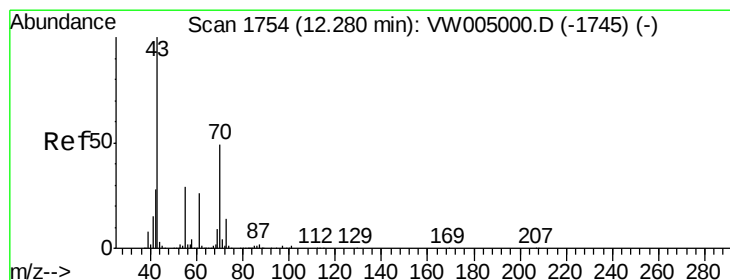
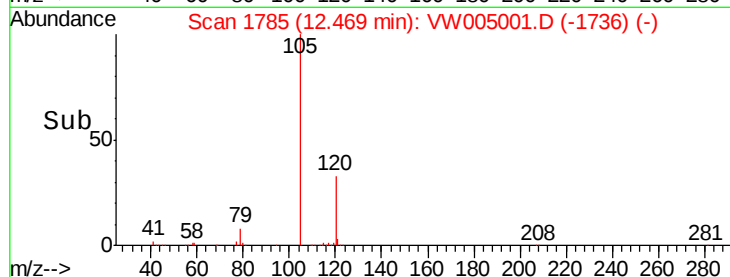
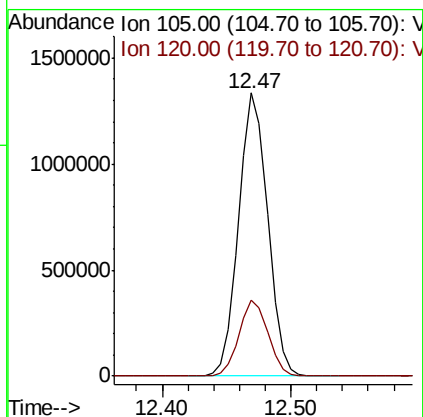
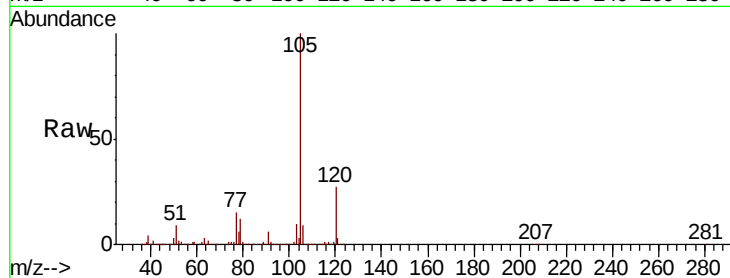
120 26.7 13.4 40.2

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#74

N-ethyl acetate

Concen: 81.010 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Tgt Ion: 43 Resp: 405146

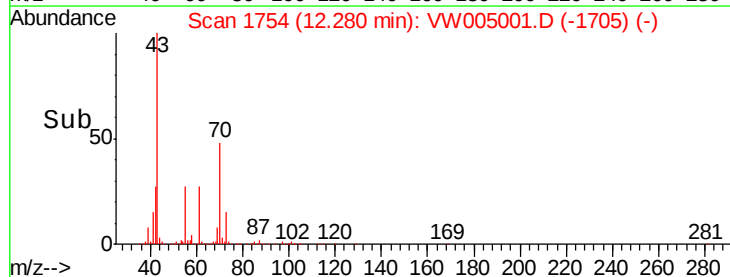
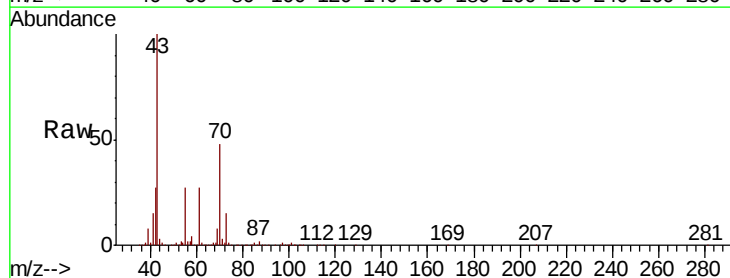
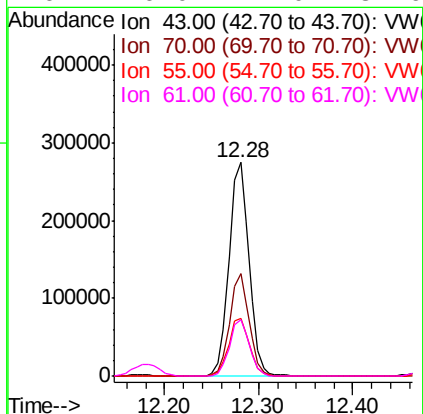
Ion Ratio Lower Upper

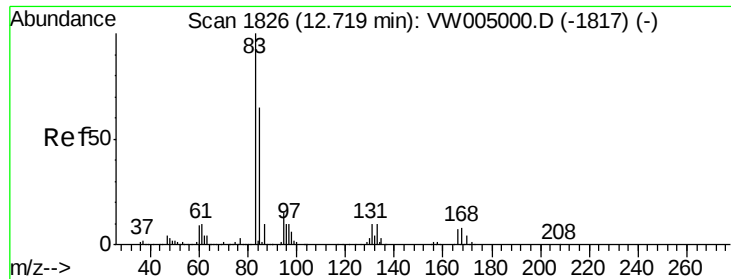
43 100

70 46.7 38.6 57.8

55 27.9 23.6 35.4

61 26.0 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 76.841 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

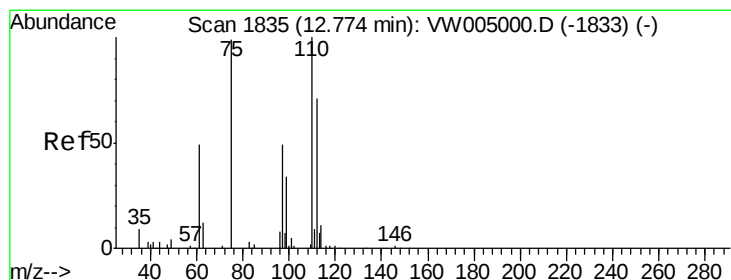
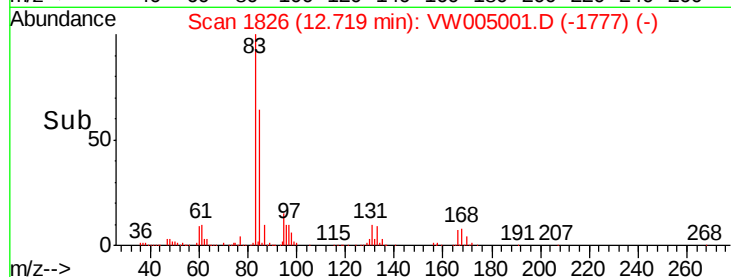
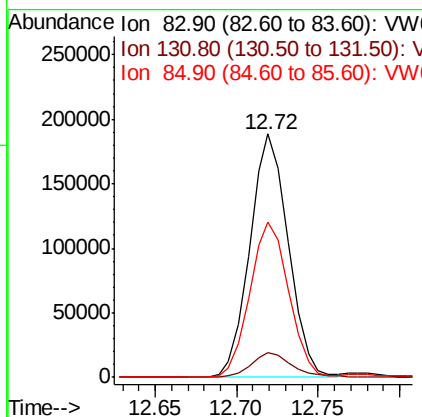
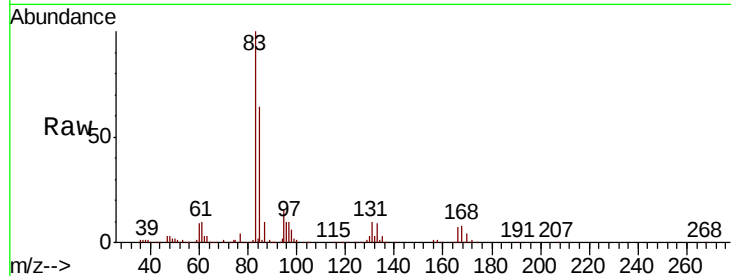
ClientSampled :

VSTDIC075

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 308334 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.7  | 5.5   | 16.5   |
| 85        | 64.7  | 31.9  | 95.9   |

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#76

1,2,3-Trichloropropane

Concen: 41.133 ug/l m

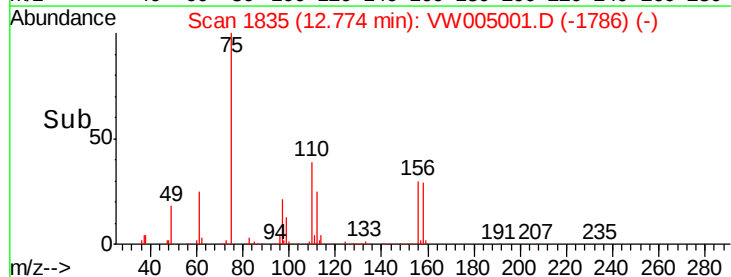
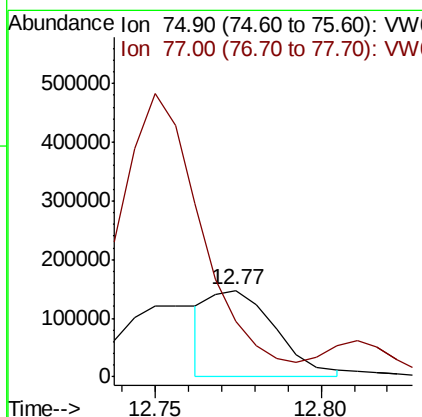
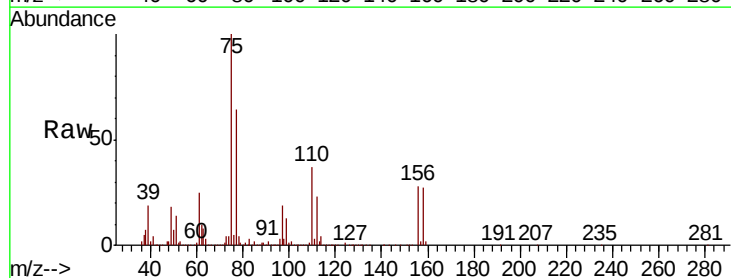
RT: 12.77 min Scan# 1835

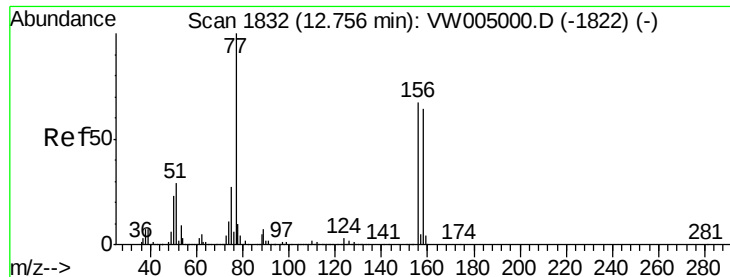
Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 204124 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |





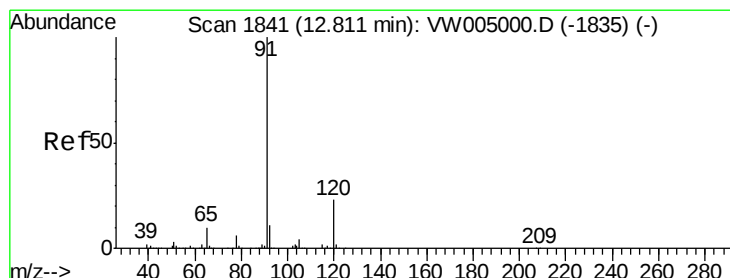
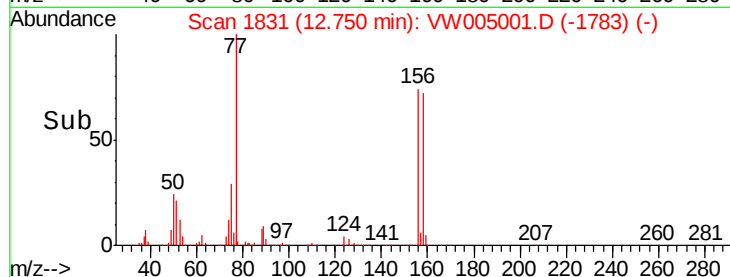
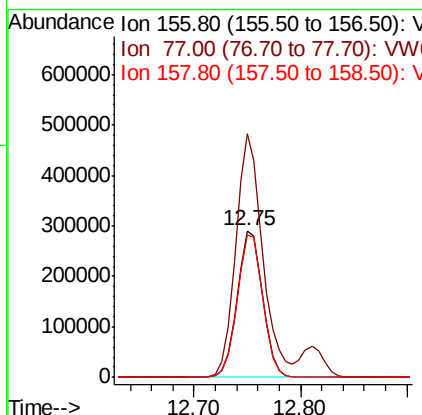
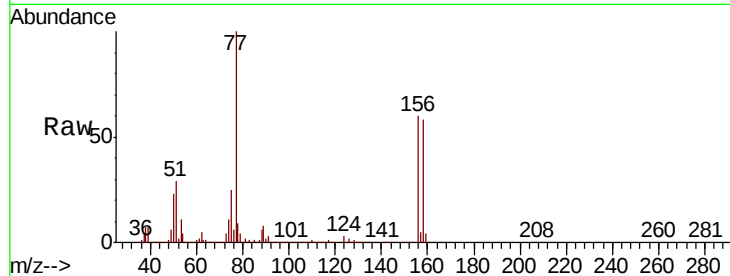
#77  
Bromobenzene  
Concen: 74.712 ug/l  
RT: 12.75 min Scan# 1831  
Delta R.T. -0.01 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC075

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 175.9 | 86.9  | 260.6 |
| 158     | 97.9  | 48.6  | 145.9 |

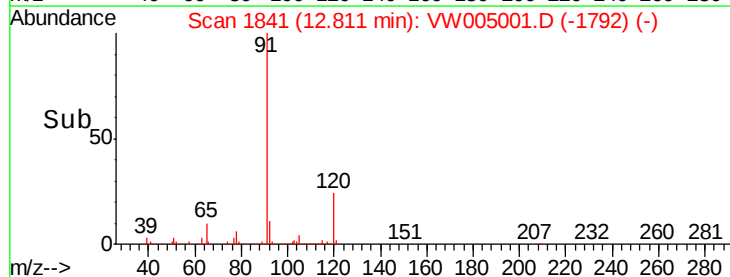
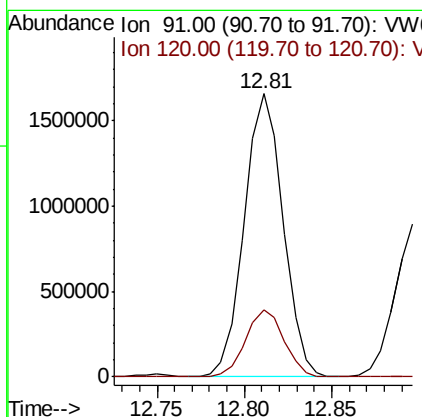
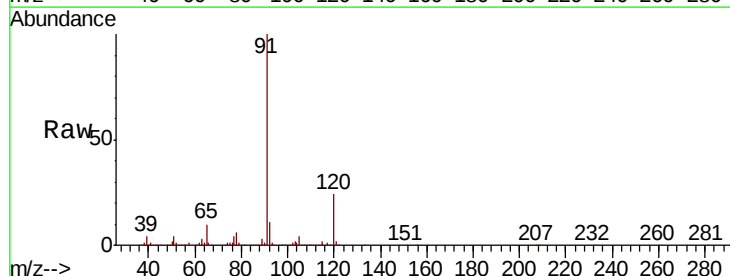
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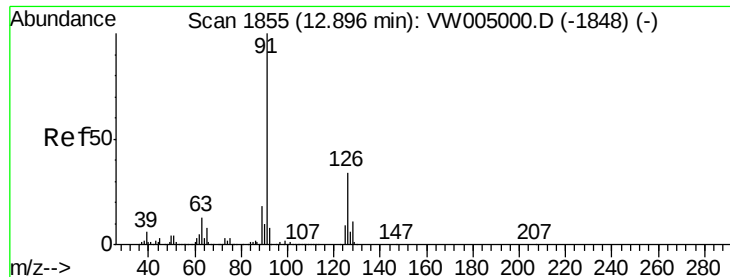
apatel  
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#78  
n-propylbenzene  
Concen: 78.007 ug/l  
RT: 12.81 min Scan# 1841  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.7  | 11.7  | 35.1  |





#79

2-Chlorotoluene

Concen: 75.575 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC075

Tot Ion: 91 Resp: 1426895

Ion Ratio Lower Upper

91 100

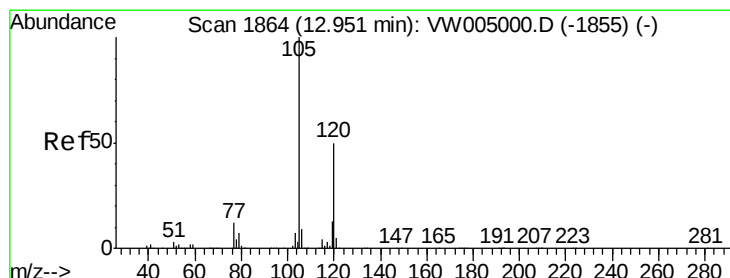
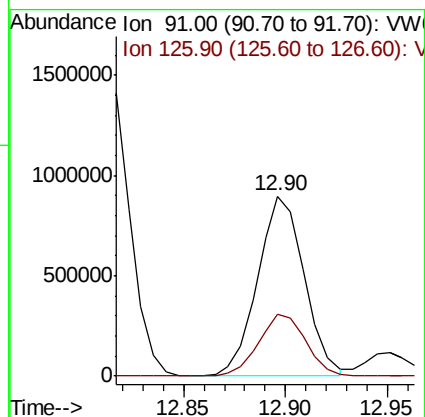
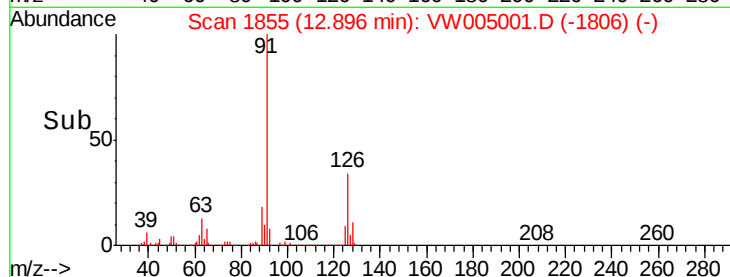
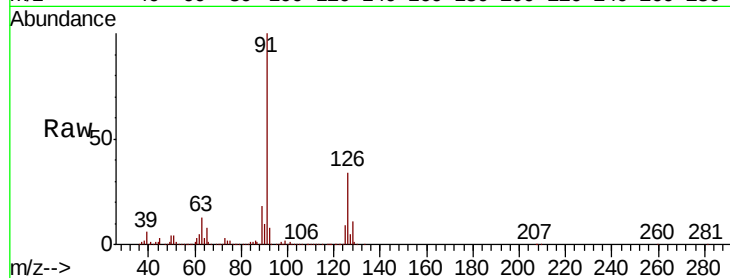
126 34.9 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 78.318 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005001.D

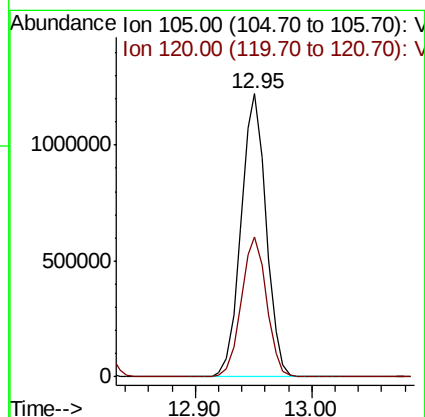
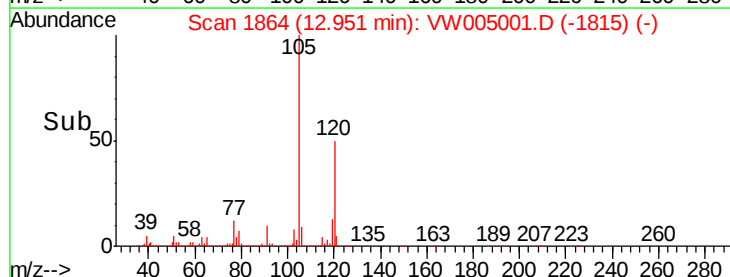
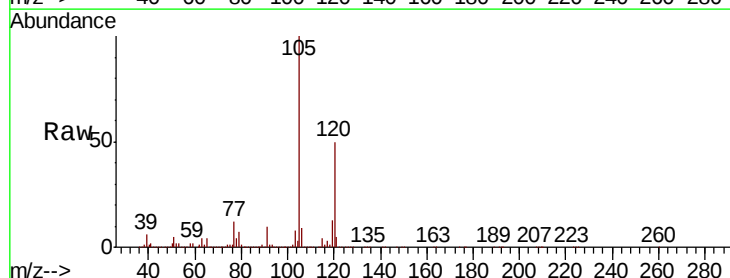
Acq: 29 Aug 2018 13:53

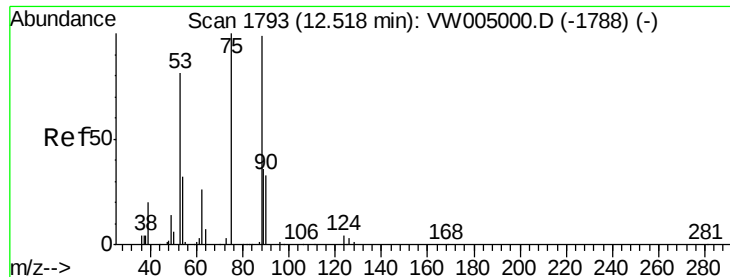
Tgt Ion:105 Resp: 1833784

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.3





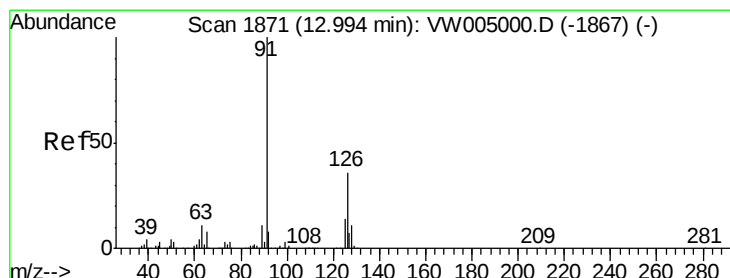
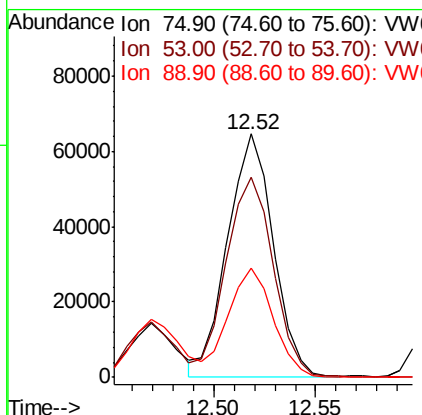
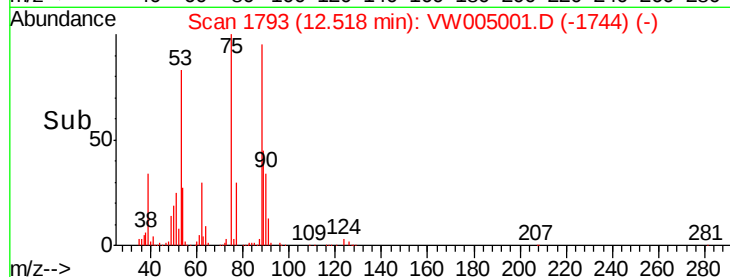
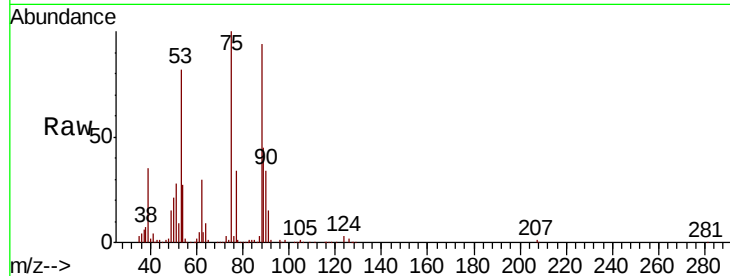
#81  
trans-1,4-Dichloro-2-butene  
Concen: 80.051 ug/l  
RT: 12.52 min Scan# 1793  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC075

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 85.9  | 67.4  | 101.2 |
| 89      | 44.6  | 35.0  | 52.6  |

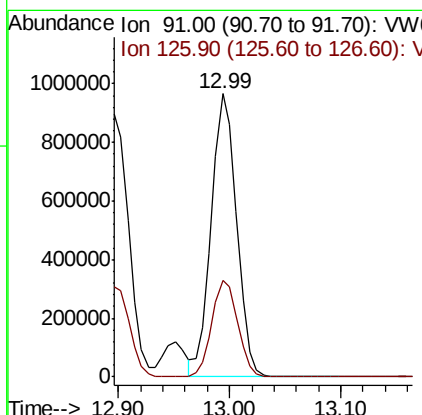
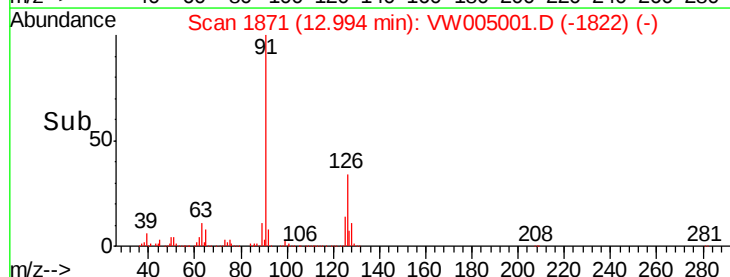
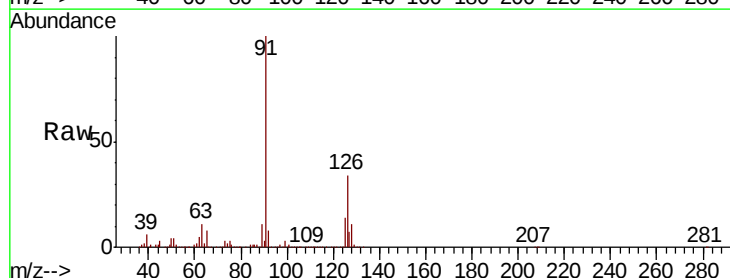
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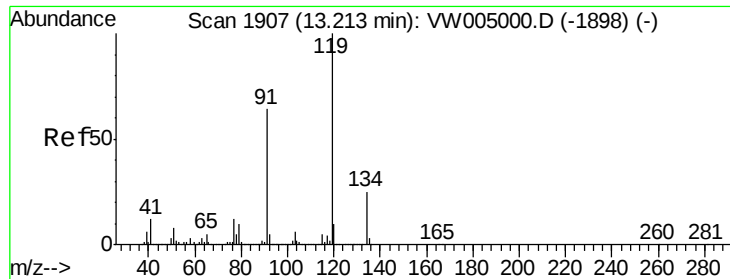
apatel  
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#82  
4-Chlorotoluene  
Concen: 75.889 ug/l  
RT: 12.99 min Scan# 1871  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 34.7  | 17.5  | 52.5  |





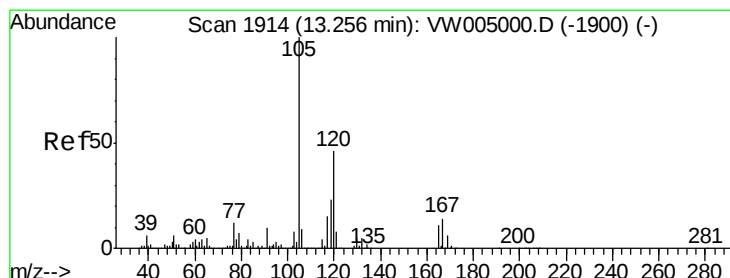
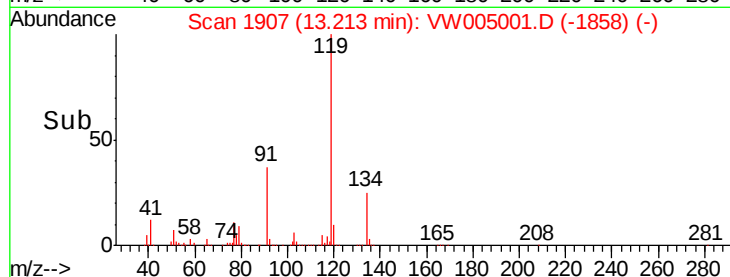
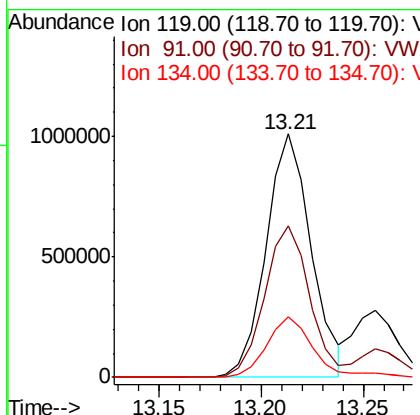
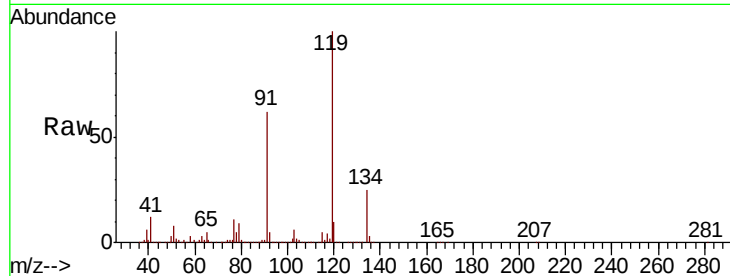
#83  
tert-Butylbenzene  
Concen: 79.052 ug/l  
RT: 13.21 min Scan# 1907  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC075

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 61.9  | 31.9  | 95.5  |
| 134     | 26.2  | 13.2  | 39.5  |

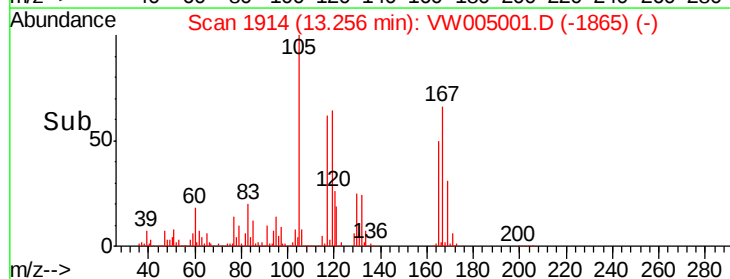
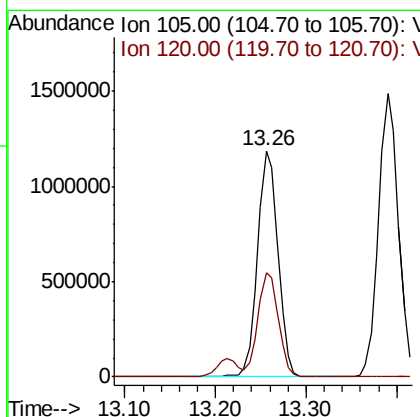
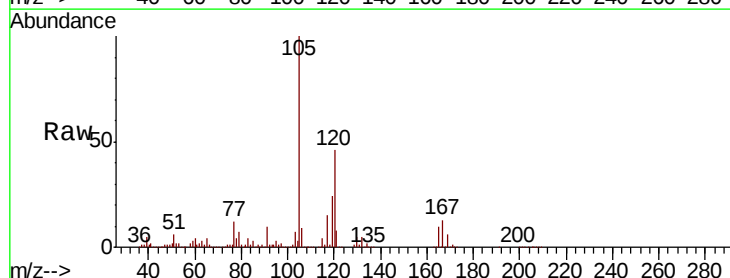
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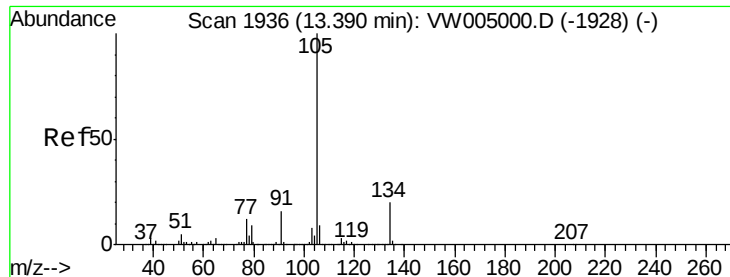
apatel  
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#84  
1,2,4-Trimethylbenzene  
Concen: 77.855 ug/l  
RT: 13.26 min Scan# 1914  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.0  | 22.9  | 68.7  |





#85

sec-Butylbenzene

Concen: 78.173 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC075

Tot Ion:105 Resp: 2256748

Ion Ratio Lower Upper

105 100

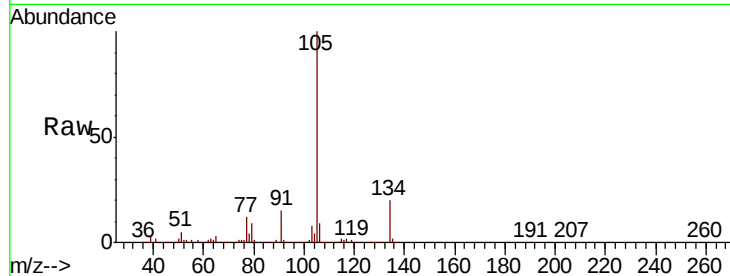
134 20.2 10.1 30.3

Manual Integrations

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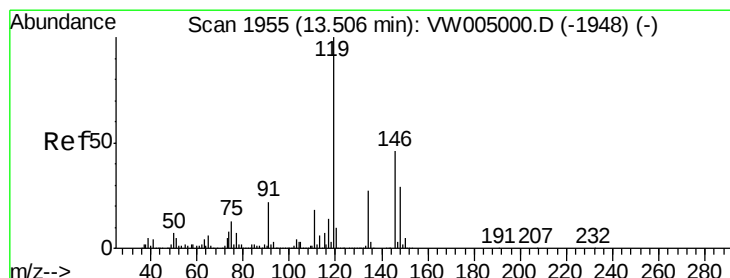
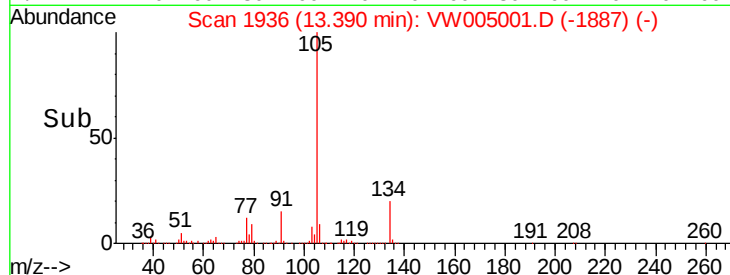
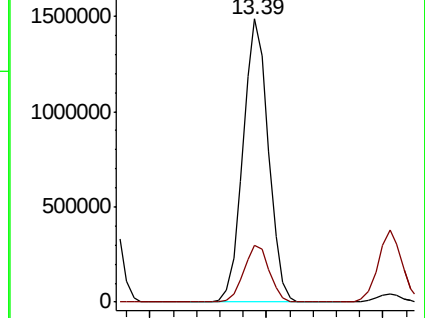
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 78.471 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW005001.D

Acq: 29 Aug 2018 13:53

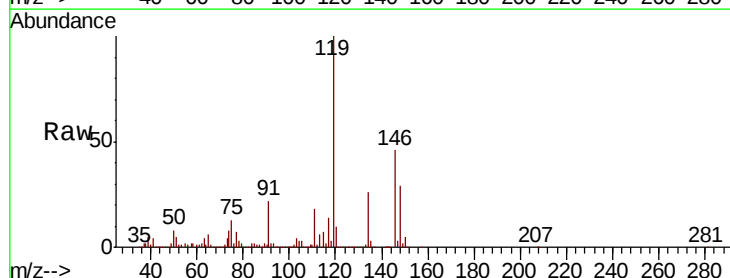
Tgt Ion:119 Resp: 2029526

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

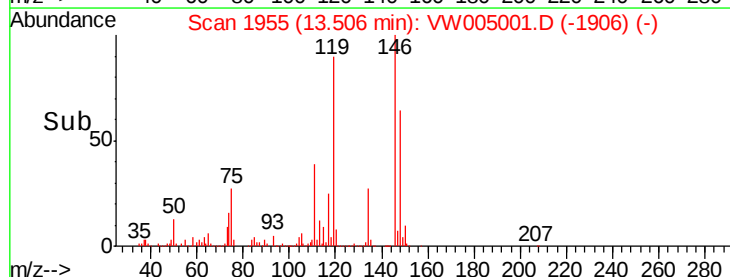
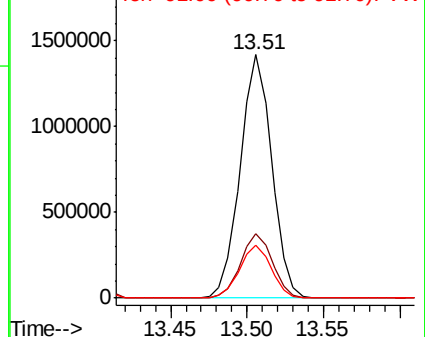
91 21.8 10.9 32.9

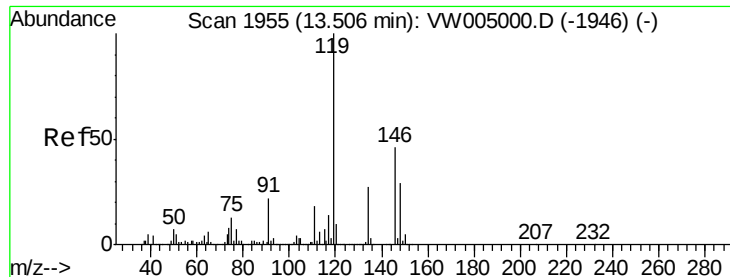


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





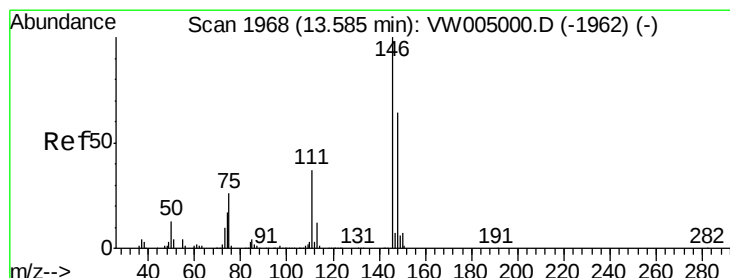
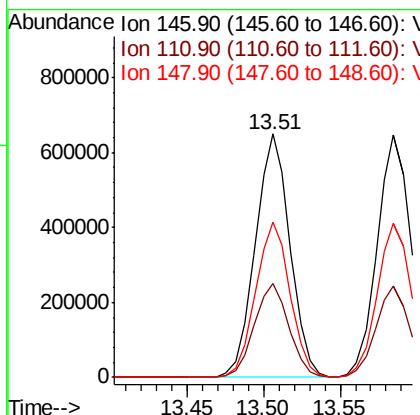
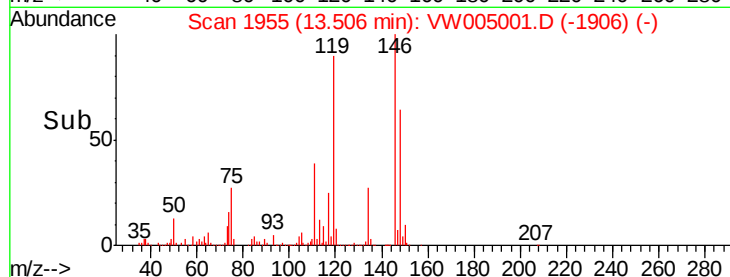
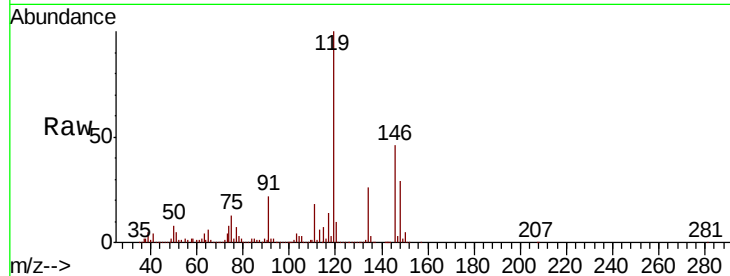
#87  
 1,3-Dichlorobenzene  
 Concen: 74.123 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. -0.00 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC075

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.5  | 19.3  | 57.8  |
| 148     | 63.5  | 31.6  | 94.7  |

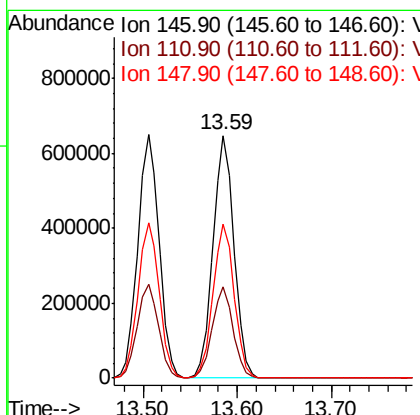
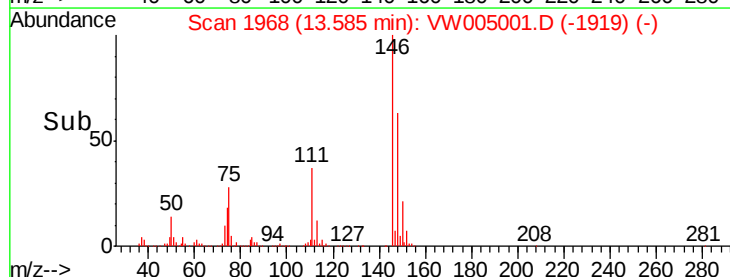
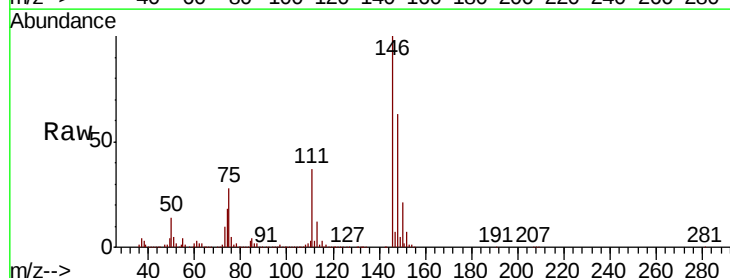
Manual Integrations  
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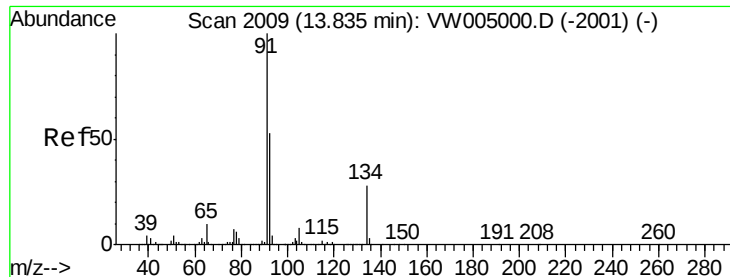
apatel  
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#88  
 1,4-Dichlorobenzene  
 Concen: 72.898 ug/l  
 RT: 13.59 min Scan# 1968  
 Delta R.T. -0.00 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.4  | 18.7  | 56.1  |
| 148     | 64.0  | 31.7  | 95.1  |





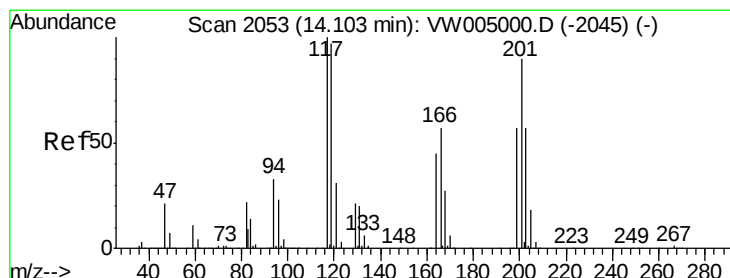
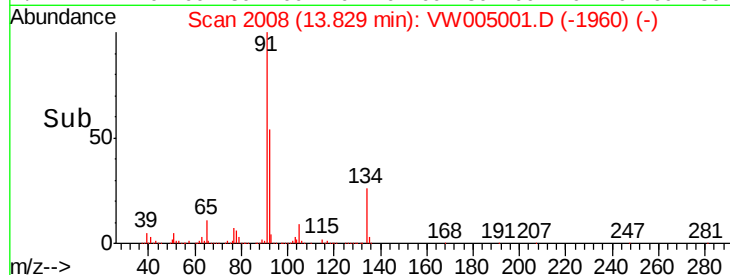
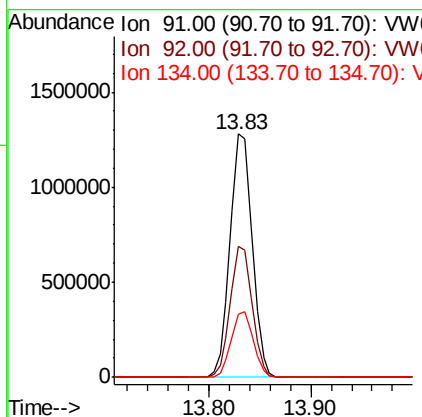
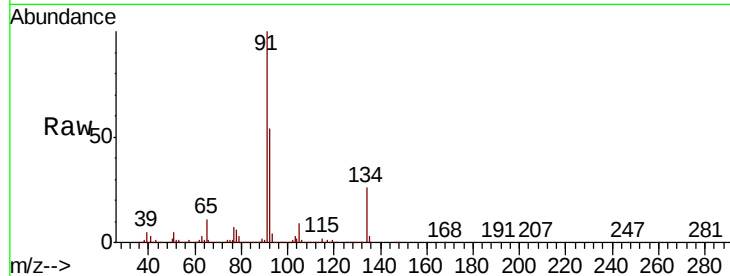
#89  
n-Butylbenzene  
Concen: 78.676 ug/l  
RT: 13.83 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC075

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.3  | 26.5  | 79.4  |
| 134     | 26.8  | 13.4  | 40.1  |

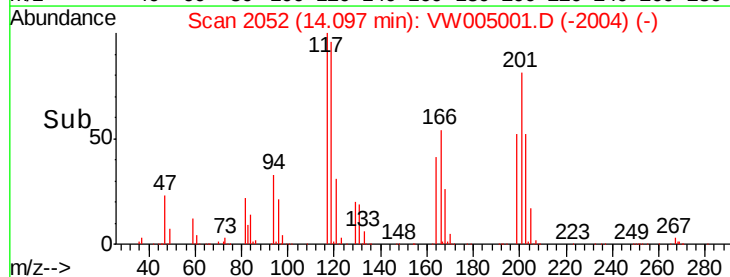
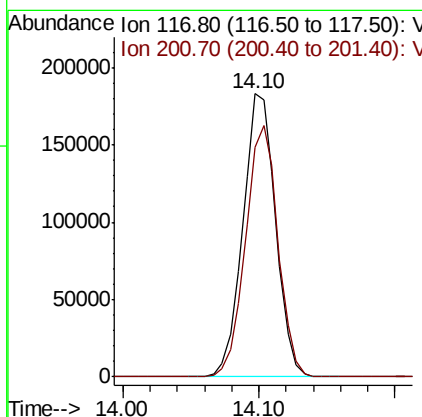
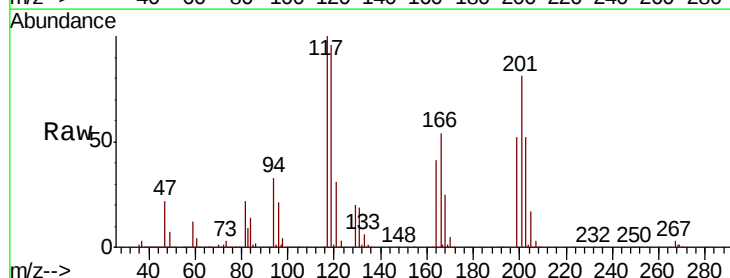
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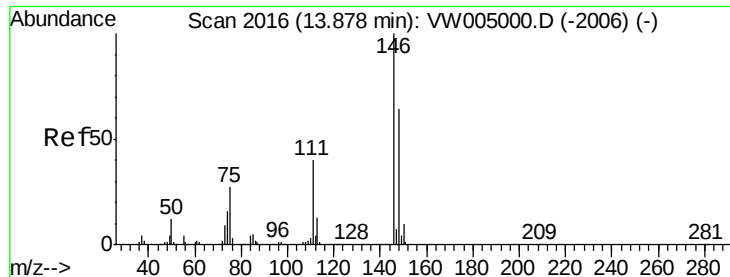
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#90  
Hexachloroethane  
Concen: 75.446 ug/l  
RT: 14.10 min Scan# 2052  
Delta R.T. -0.01 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 88.3  | 44.3  | 132.8 |





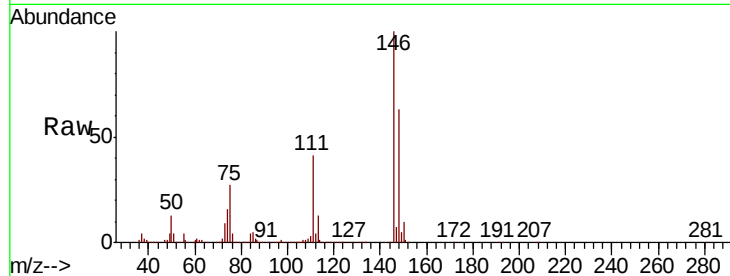
#91  
 1,2-Dichlorobenzene  
 Concen: 73.773 ug/l  
 RT: 13.88 min Scan# 2016  
 Delta R.T. -0.00 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC075

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 895176 |       |       |
| 111     | 39.9  |        | 19.9  | 59.7  |
| 148     | 63.6  |        | 31.9  | 95.7  |

Manual Integrations  
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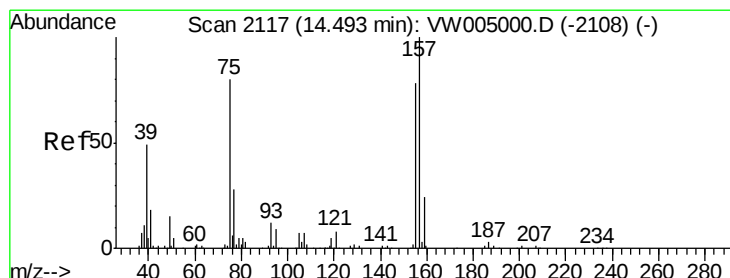
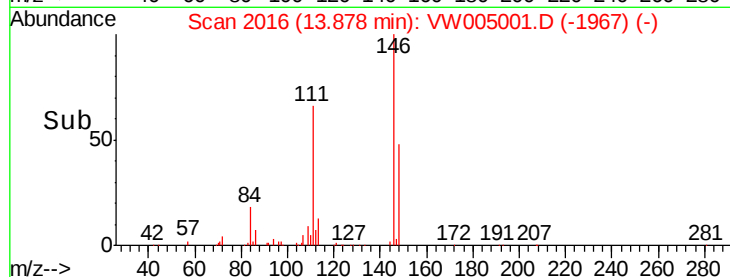
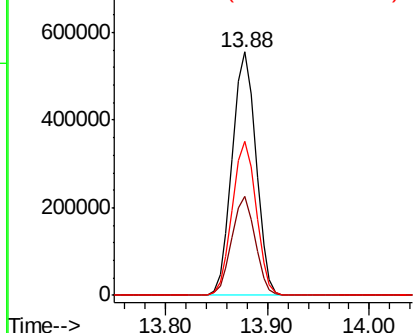


Abundance

Ion 145.90 (145.60 to 146.60): V

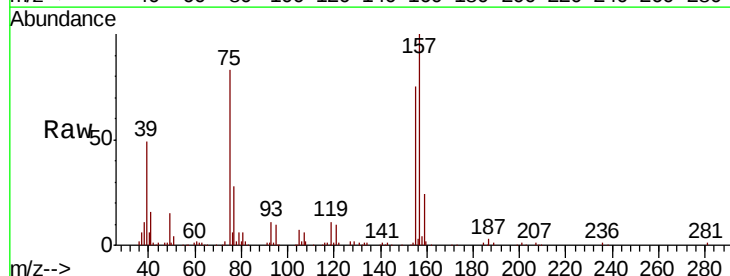
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 74.954 ug/l  
 RT: 14.49 min Scan# 2117  
 Delta R.T. -0.00 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 51945 |       |       |
| 155     | 91.2  |       | 46.1  | 138.2 |
| 157     | 119.1 |       | 58.7  | 176.1 |

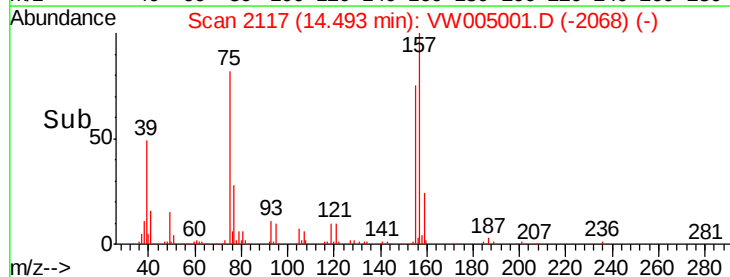
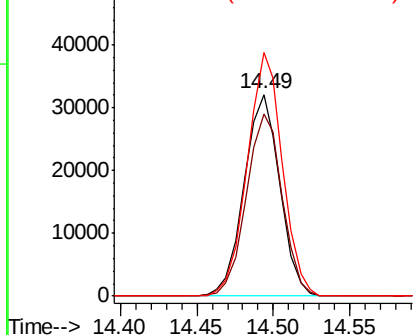


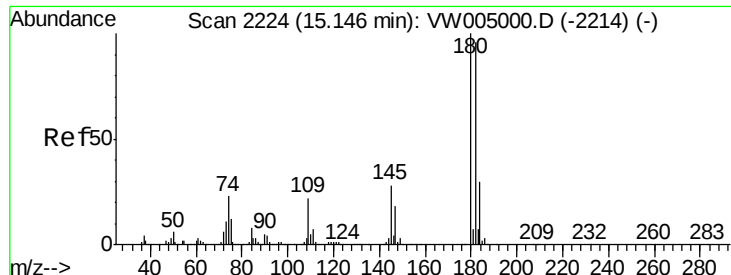
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





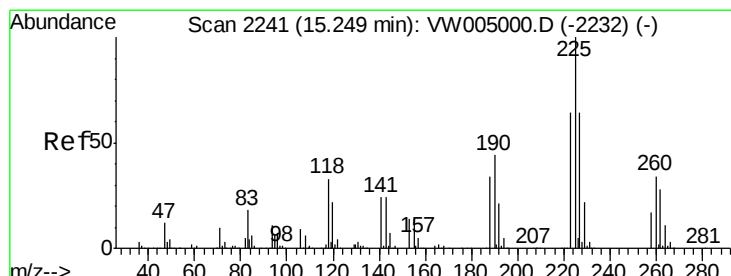
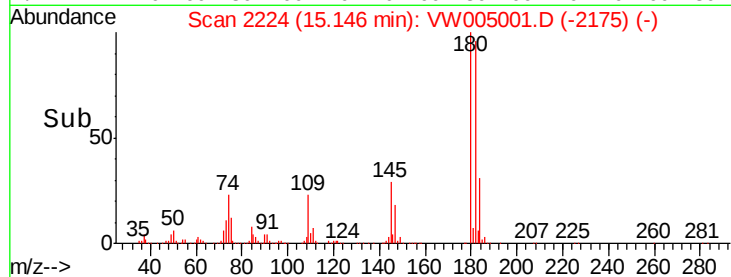
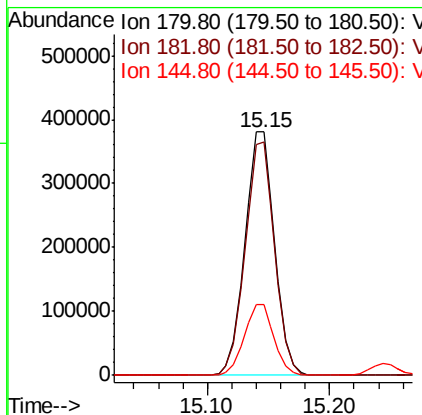
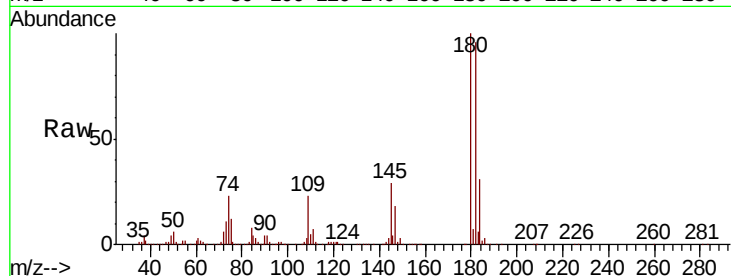
#93  
 1,2,4-Trichlorobenzene  
 Concen: 75.144 ug/l  
 RT: 15.15 min Scan# 2224  
 Delta R.T. -0.00 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC075

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 95.1  | 47.6 | 142.8 |       |
| 145     | 29.0  | 14.3 | 42.9  |       |

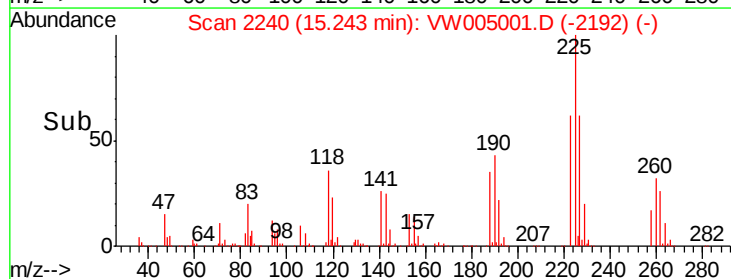
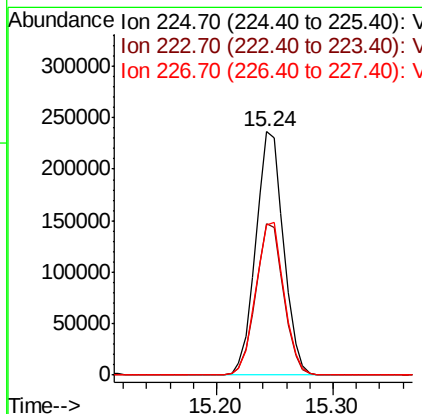
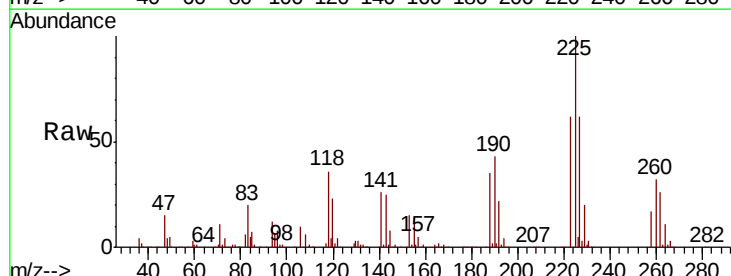
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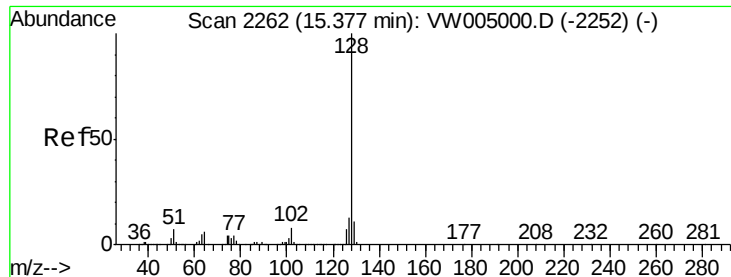
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#94  
 Hexachlorobutadiene  
 Concen: 73.365 ug/l  
 RT: 15.24 min Scan# 2240  
 Delta R.T. -0.01 min  
 Lab File: VW005001.D  
 Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.5  | 32.0 | 96.0  |       |
| 227     | 63.9  | 31.9 | 95.7  |       |





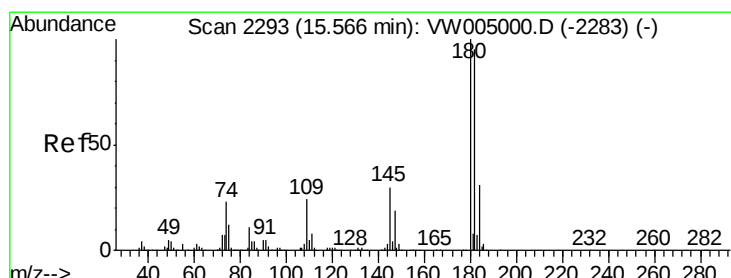
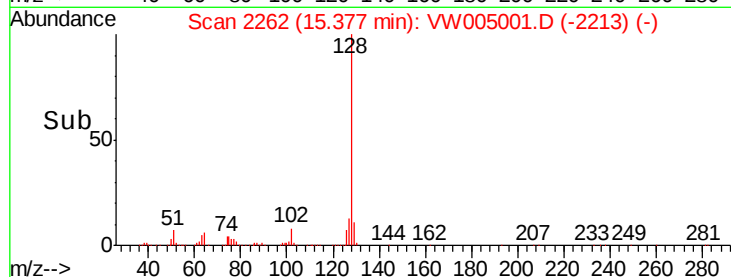
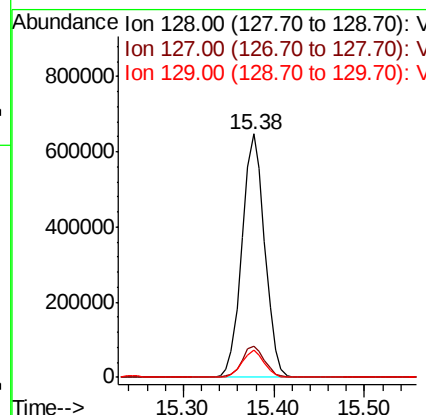
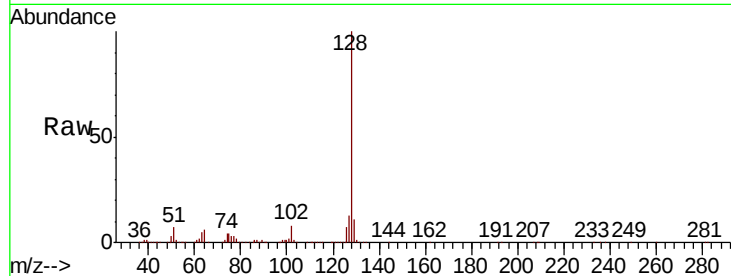
#95  
Naphthalene  
Concen: 80.449 ug/l  
RT: 15.38 min Scan# 2262  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC075

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.9  | 10.5  | 15.7  |
| 129     | 10.8  | 8.7   | 13.1  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 74.205 ug/l  
RT: 15.57 min Scan# 2293  
Delta R.T. -0.00 min  
Lab File: VW005001.D  
Acq: 29 Aug 2018 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.6  | 47.6  | 142.8 |
| 145     | 30.9  | 15.1  | 45.3  |

