

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\  
 Data File : VF060370.D  
 Acq On : 28 Sep 2018 16:40  
 Operator : VA/AP  
 Sample : VF0928SBS01  
 Misc : 5.00/5mL/MSVOA F/SOIL  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0928SBS01

Manual Integrations  
 APPROVED

apatel  
 10/1/2018 3:03:49 PM

Quant Time: Sep 29 00:39:42 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F091918S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 20 02:58:42 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.03  | 168  | 200661   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.75  | 114  | 319560   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.90  | 117  | 296657   | 50.00 | ug/l  | -0.01    |
| 72) 1,4-Dichlorobenzene-d4 | 12.62 | 152  | 169583   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |       |
|---------------------------|--------|-----|----------|-------|---------|-------|
| 33) 1,2-Dichloroethane-d4 | 5.00   | 65  | 159379   | 58.99 | ug/l    | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 117.98% |       |
| 35) Dibromofluoromethane  | 4.27   | 113 | 150681   | 52.90 | ug/l    | -0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.80% |       |
| 50) Toluene-d8            | 7.69   | 98  | 373316   | 50.32 | ug/l    | -0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.64% |       |
| 62) 4-Bromofluorobenzene  | 11.50  | 95  | 181063   | 56.46 | ug/l    | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 112.92% |       |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.99 | 85  | 98877  | 30.462  | ug/l   | 99     |
| 3) Chloromethane              | 1.13 | 50  | 68080  | 24.897  | ug/l   | 95     |
| 4) Vinyl Chloride             | 1.18 | 62  | 67983  | 24.395  | ug/l   | 99     |
| 5) Bromomethane               | 1.35 | 94  | 54204  | 31.952  | ug/l   | 92     |
| 6) Chloroethane               | 1.42 | 64  | 35562  | 26.795  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 1.54 | 101 | 164572 | 31.698  | ug/l   | 99     |
| 8) Diethyl Ether              | 1.70 | 74  | 21359  | 24.727  | ug/l   | 88     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.89 | 101 | 79727  | 28.875  | ug/l # | 90     |
| 10) Methyl Iodide             | 1.96 | 142 | 118020 | 26.506  | ug/l   | 91     |
| 11) Tert butyl alcohol        | 2.68 | 59  | 26546  | 170.741 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 1.85 | 96  | 58935  | 25.809  | ug/l   | 85     |
| 13) Acrolein                  | 2.08 | 56  | 8700   | 151.896 | ug/l   | 85     |
| 14) Allyl chloride            | 2.18 | 41  | 102391 | 25.695  | ug/l # | 81     |
| 15) Acrylonitrile             | 3.06 | 53  | 45422  | 119.028 | ug/l   | 96     |
| 16) Acetone                   | 2.33 | 43  | 123994 | 162.950 | ug/l # | 89     |
| 17) Carbon Disulfide          | 1.89 | 76  | 183011 | 28.997  | ug/l   | 97     |
| 18) Methyl Acetate            | 2.44 | 43  | 32620  | 25.733  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 2.53 | 73  | 146517 | 25.738  | ug/l   | 92     |
| 20) Methylene Chloride        | 2.27 | 84  | 65206m | 28.536  | ug/l   |        |
| 21) trans-1,2-Dichloroethene  | 2.40 | 96  | 61381  | 26.026  | ug/l   | 96     |
| 22) Diisopropyl ether         | 2.91 | 45  | 185469 | 24.669  | ug/l   | 98     |
| 23) Vinyl Acetate             | 3.32 | 43  | 397588 | 134.647 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 2.99 | 63  | 122790 | 25.183  | ug/l   | 98     |
| 25) 2-Butanone                | 4.49 | 43  | 118840 | 116.031 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 3.75 | 77  | 70494  | 25.339  | ug/l   | 93     |
| 27) cis-1,2-Dichloroethene    | 3.62 | 96  | 69454  | 22.416  | ug/l   | 88     |
| 28) Bromochloromethane        | 3.87 | 49  | 45363  | 23.896  | ug/l   | 84     |
| 29) Tetrahydrofuran           | 4.23 | 42  | 45633  | 121.666 | ug/l   | 96     |
| 30) Chloroform                | 4.02 | 83  | 151332 | 25.722  | ug/l   | 94     |
| 31) Cyclohexane               | 3.85 | 56  | 91061  | 22.110  | ug/l   | 92     |
| 32) 1,1,1-Trichloroethane     | 4.26 | 97  | 125906 | 27.122  | ug/l   | 95     |
| 36) 1,1-Dichloropropene       | 4.44 | 75  | 99771  | 25.030  | ug/l   | 90     |
| 37) Ethyl Acetate             | 4.27 | 43  | 41165  | 24.407  | ug/l # | 84     |
| 38) Carbon Tetrachloride      | 4.15 | 117 | 139262 | 32.527  | ug/l   | 92     |

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 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
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Manual Integrations  
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Quant Time: Sep 29 00:39:42 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F091918S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 20 02:58:42 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 5.61  | 83   | 104467   | 24.182  | ug/l   | 94       |
| 40) Benzene                    | 4.79  | 78   | 209960   | 23.230  | ug/l   | 98       |
| 41) Methacrylonitrile          | 4.90  | 41   | 22729    | 24.835  | ug/l # | 87       |
| 42) 1,2-Dichloroethane         | 5.10  | 62   | 97310    | 29.250  | ug/l   | 94       |
| 43) Isopropyl Acetate          | 7.09  | 43   | 52030    | 25.625  | ug/l # | 100      |
| 44) Trichloroethene            | 5.66  | 130  | 64377    | 23.933  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 6.38  | 63   | 56644    | 24.215  | ug/l   | 96       |
| 46) Dibromomethane             | 6.24  | 93   | 43608    | 26.081  | ug/l   | 93       |
| 47) Bromodichloromethane       | 6.53  | 83   | 110430   | 27.483  | ug/l   | 98       |
| 48) Methyl methacrylate        | 6.85  | 41   | 33549    | 23.538  | ug/l # | 84       |
| 49) 1,4-Dioxane                | 6.85  | 88   | 6066     | 476.373 | ug/l # | 72       |
| 51) 4-Methyl-2-Pentanone       | 8.39  | 43   | 188183   | 120.248 | ug/l   | 94       |
| 52) Toluene                    | 7.76  | 92   | 138526   | 24.227  | ug/l   | 90       |
| 53) t-1,3-Dichloropropene      | 8.41  | 75   | 84601    | 26.102  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 7.44  | 75   | 104893   | 25.689  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane      | 8.62  | 97   | 48179    | 27.762  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 8.75  | 69   | 53477    | 25.515  | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 8.98  | 76   | 80889    | 28.150  | ug/l   | 93       |
| 58) 2-Chloroethyl Vinyl ether  | 7.76  | 63   | 24213    | 130.678 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.61  | 43   | 146764   | 131.715 | ug/l   | 93       |
| 60) Dibromochloromethane       | 8.85  | 129  | 69567    | 26.895  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.12  | 107  | 51189    | 26.488  | ug/l   | 100      |
| 64) Tetrachloroethene          | 8.29  | 164  | 62153    | 23.111  | ug/l   | 94       |
| 65) Chlorobenzene              | 9.93  | 112  | 165849   | 24.667  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.06 | 131  | 71713    | 25.701  | ug/l   | 95       |
| 67) Ethyl Benzene              | 10.03 | 91   | 319819   | 25.726  | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.26 | 106  | 216633   | 50.439  | ug/l   | 87       |
| 69) o-Xylene                   | 10.82 | 106  | 120396   | 24.992  | ug/l   | 91       |
| 70) Styrene                    | 10.89 | 104  | 163496   | 24.066  | ug/l # | 88       |
| 71) Bromoform                  | 10.88 | 173  | 36242    | 23.650  | ug/l # | 94       |
| 73) Isopropylbenzene           | 11.22 | 105  | 374143   | 24.576  | ug/l   | 99       |
| 74) N-amyl acetate             | 11.45 | 43   | 70149    | 21.608  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.77 | 83   | 69240    | 25.663  | ug/l   | 90       |
| 76) 1,2,3-Trichloropropane     | 11.87 | 75   | 49041    | 25.386  | ug/l   | 81       |
| 77) Bromobenzene               | 11.59 | 156  | 74955    | 22.846  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.68 | 91   | 434276   | 24.726  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.80 | 91   | 258975   | 25.218  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 11.90 | 105  | 304721   | 24.866  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.95 | 75   | 24690m   | 24.184  | ug/l   |          |
| 82) 4-Chlorotoluene            | 11.98 | 91   | 257594   | 24.956  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.21 | 119  | 305638   | 24.603  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 12.28 | 105  | 297224   | 23.885  | ug/l   | 94       |
| 85) sec-Butylbenzene           | 12.38 | 105  | 417510   | 24.621  | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 12.53 | 119  | 338952   | 25.434  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.55 | 146  | 148507   | 24.223  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.63 | 146  | 138017   | 22.776  | ug/l   | 93       |
| 89) n-Butylbenzene             | 12.91 | 91   | 371900   | 25.591  | ug/l   | 95       |
| 90) Hexachloroethane           | 12.99 | 117  | 84400    | 24.279  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.02 | 146  | 141170   | 24.138  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.71 | 75   | 12212    | 24.108  | ug/l   | 96       |

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Sample : VF0928SBS01  
Misc : 5.00/5mL/MSVOA F/SOIL  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
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Manual Integrations  
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Quant Time: Sep 29 00:39:42 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F091918S.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 20 02:58:42 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.26 | 180  | 101919   | 23.976 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 14.25 | 225  | 70047    | 24.376 | ug/l  | 100      |
| 95) Naphthalene            | 14.51 | 128  | 175650   | 23.568 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.66 | 180  | 102244   | 26.030 | ug/l  | 96       |

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

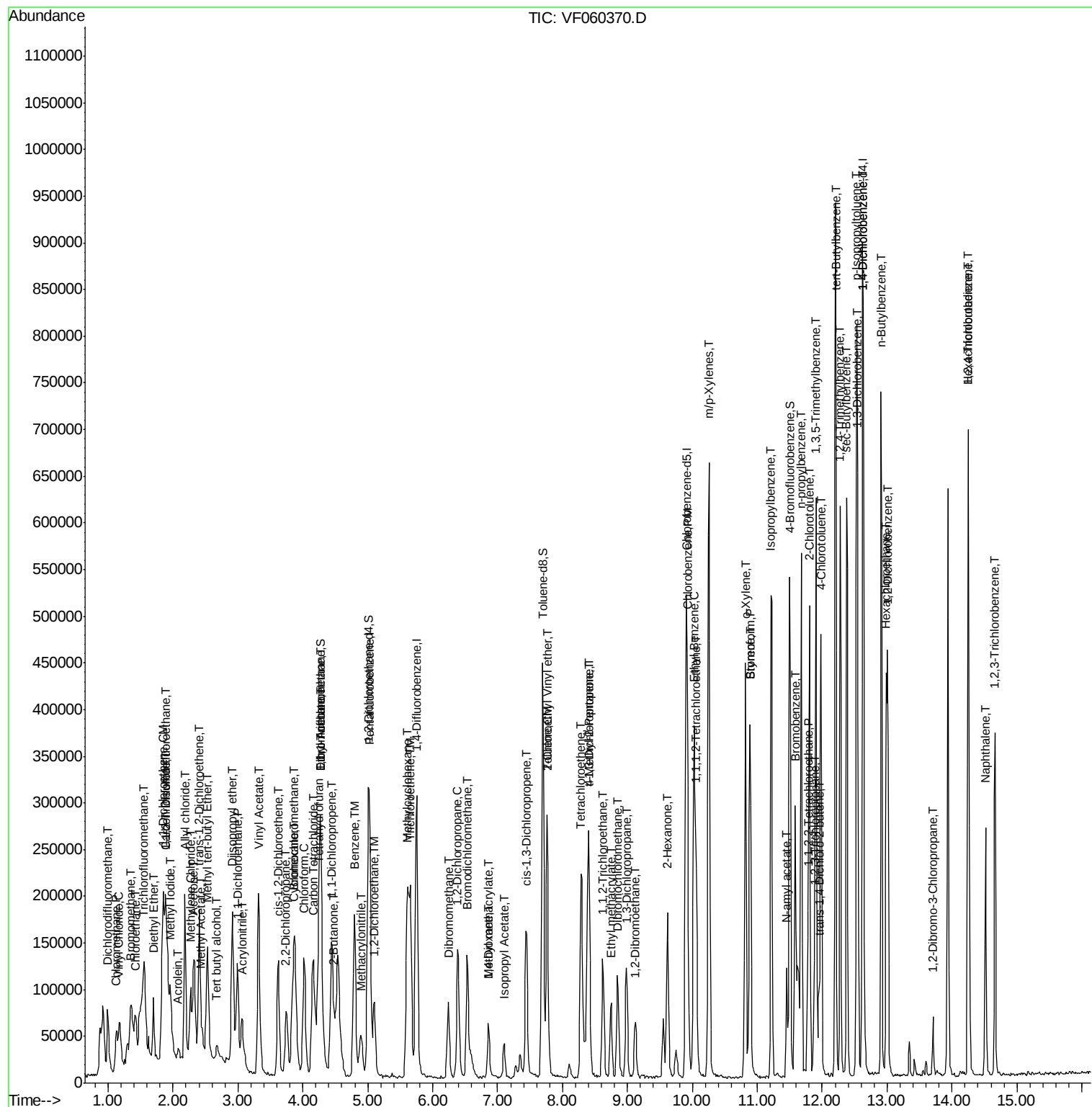
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\  
Data File : VF060370.D  
Acq On : 28 Sep 2018 16:40  
Operator : VA/AP  
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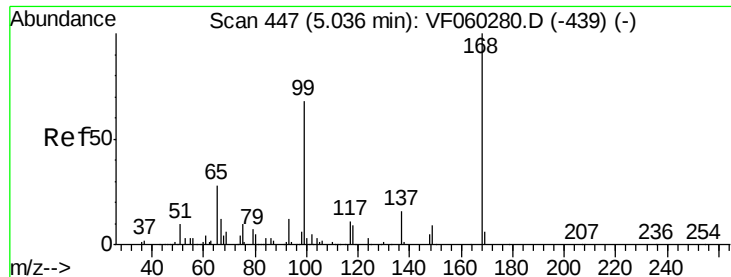
Instrument :  
MSVOA\_F  
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Manual Integrations  
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Quant Title : SW846 8260  
QLast Update : Thu Sep 20 02:58:42 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

ClientSampleId :

VF0928SBS01

Tot Ion:168 Resp: 200661

Ion Ratio Lower Upper

168 100

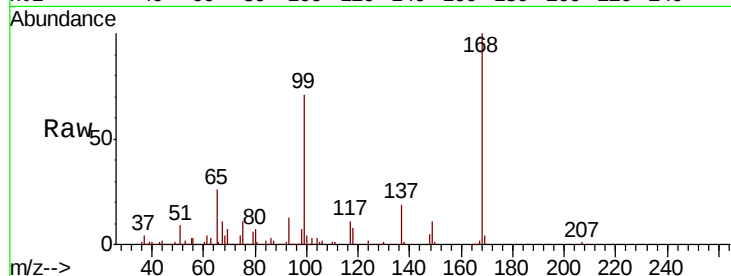
99 71.2 54.8 82.2

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

60000

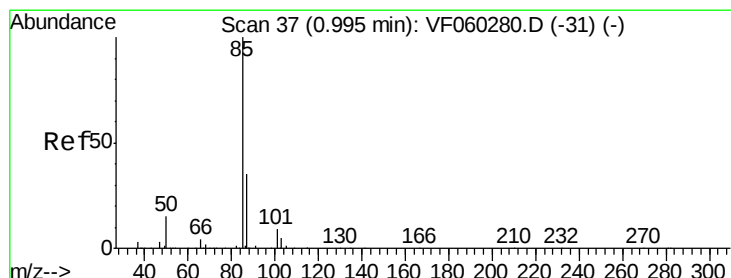
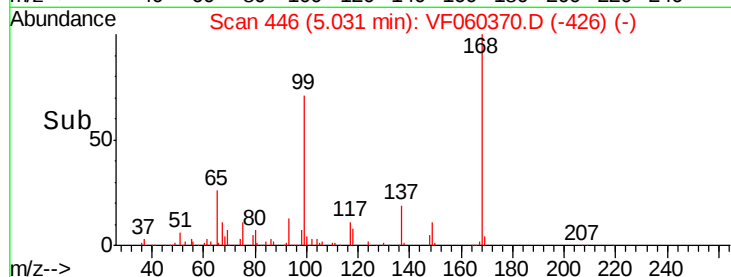
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#2

Dichlorodifluoromethane

Concen: 30.462 ug/l

RT: 0.99 min Scan# 36

Delta R.T. -0.00 min

Lab File: VF060370.D

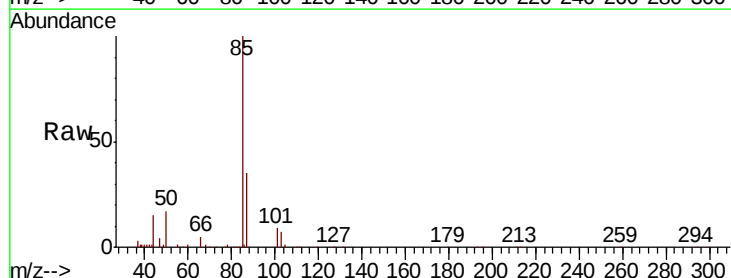
Acq: 28 Sep 2018 16:40

Tgt Ion: 85 Resp: 98877

Ion Ratio Lower Upper

85 100

87 35.5 17.3 52.0



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.99

40000

30000

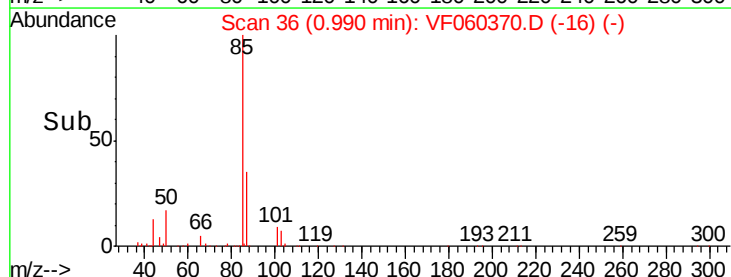
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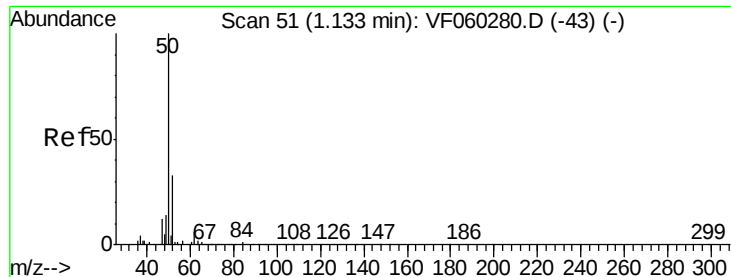
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0

0.90 1.00 1.10 1.20

Time-->





#3

Chloromethane

Concen: 24.897 ug/l

RT: 1.13 min Scan# 50

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

ClientSampleId :

VF0928SBS01

Tot Ion: 50 Resp: 68080

Ion Ratio Lower Upper

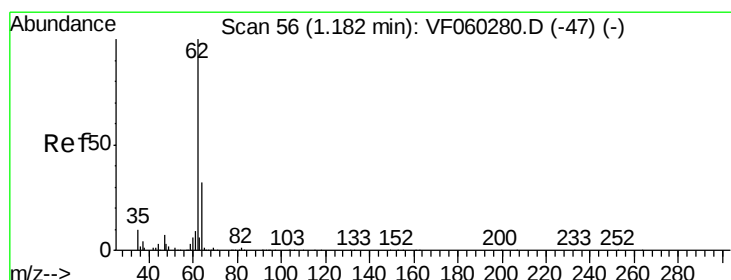
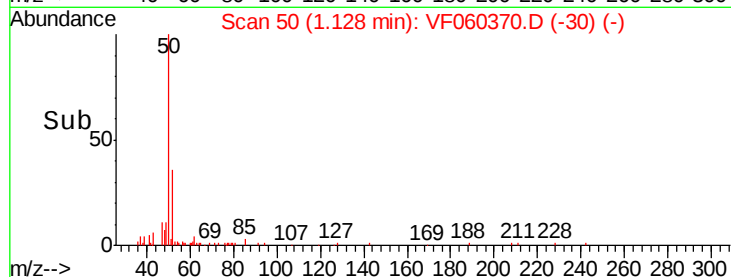
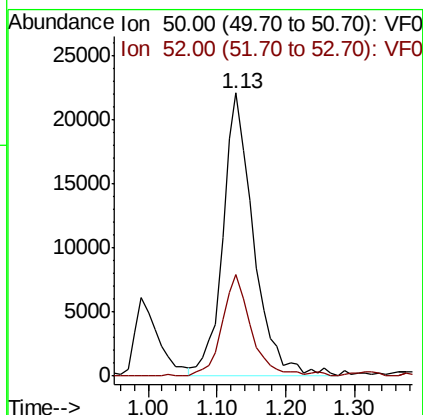
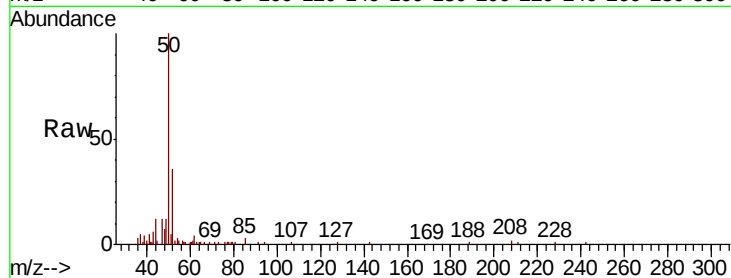
50 100

52 36.1 26.5 39.7

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#4

Vinyl Chloride

Concen: 24.395 ug/l

RT: 1.18 min Scan# 55

Delta R.T. -0.00 min

Lab File: VF060370.D

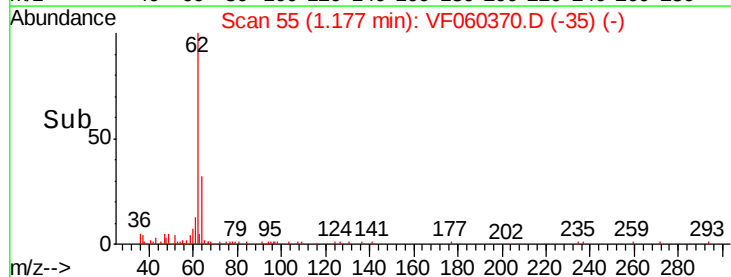
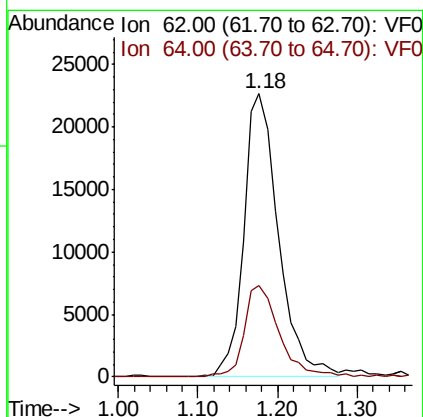
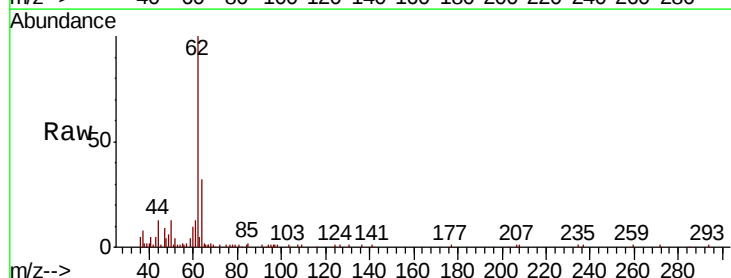
Acq: 28 Sep 2018 16:40

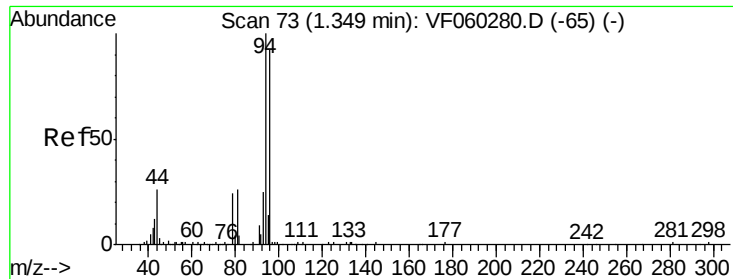
Tgt Ion: 62 Resp: 67983

Ion Ratio Lower Upper

62 100

64 32.3 25.2 37.8





#5

Bromomethane

Concen: 31.952 ug/l

RT: 1.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

ClientSampleId :

VF0928SBS01

Tot Ion: 94 Resp: 54204

Ion Ratio Lower Upper

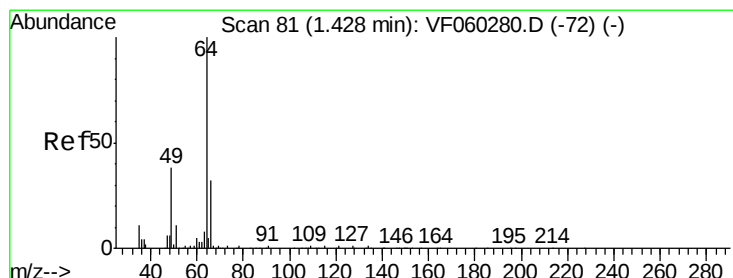
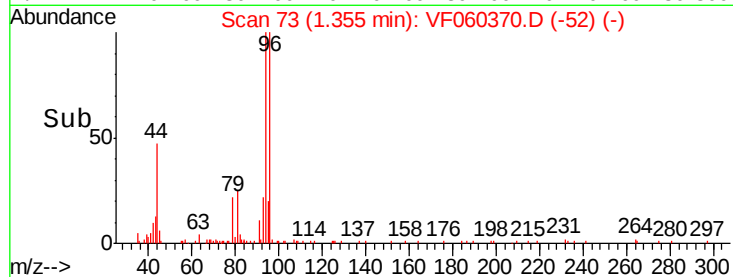
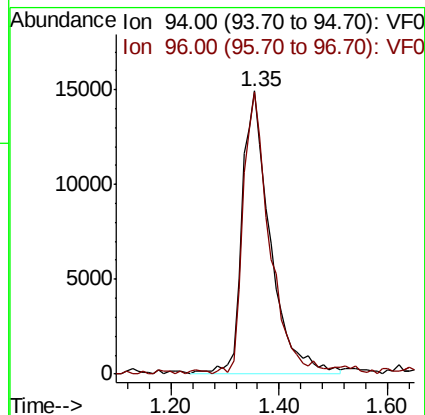
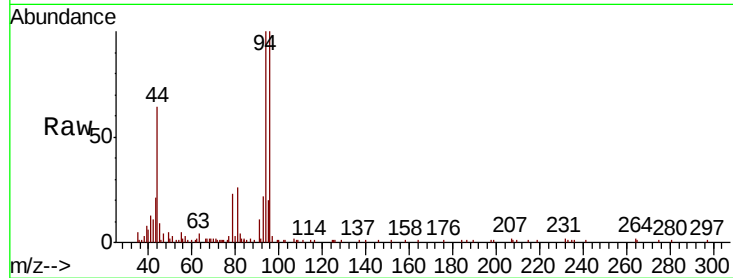
94 100

96 99.8 73.9 110.9

Manual Integrations  
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#6

Chloroethane

Concen: 26.795 ug/l

RT: 1.42 min Scan# 80

Delta R.T. -0.00 min

Lab File: VF060370.D

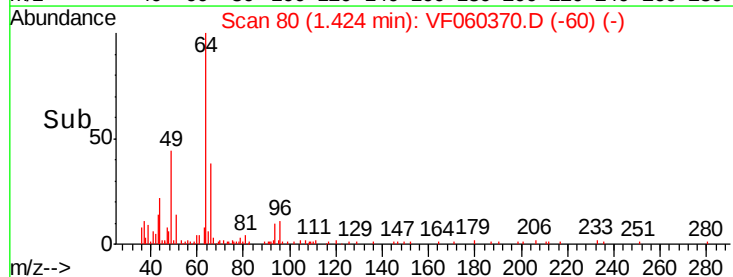
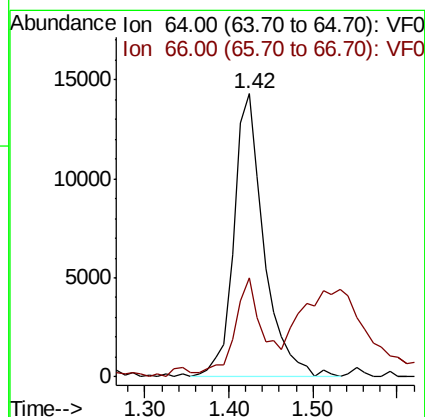
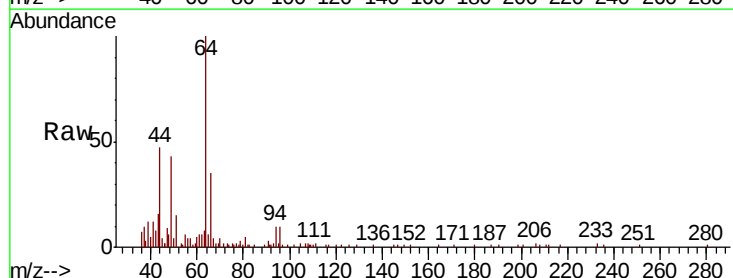
Acq: 28 Sep 2018 16:40

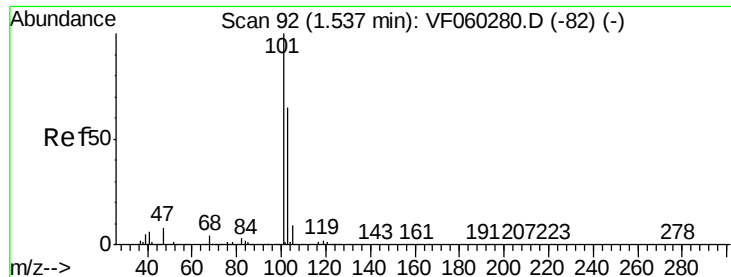
Tgt Ion: 64 Resp: 35562

Ion Ratio Lower Upper

64 100

66 35.0 26.2 39.2





#7

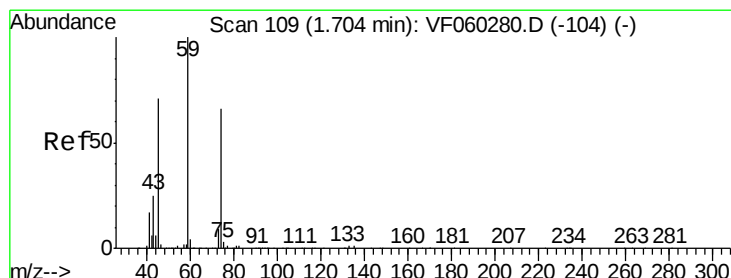
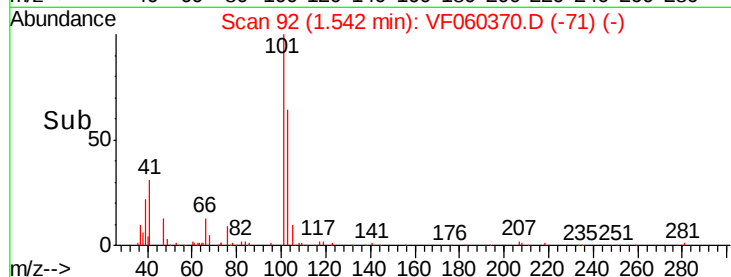
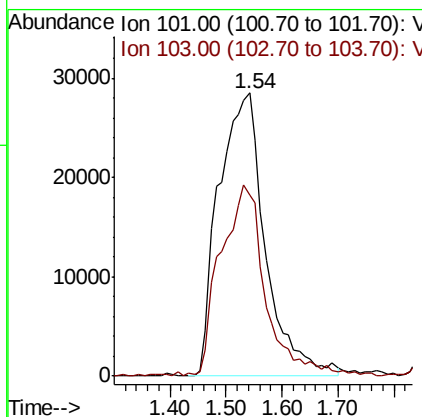
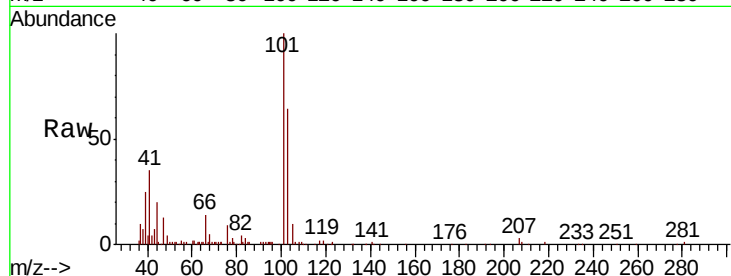
Trichlorofluoromethane  
Concen: 31.698 ug/l  
RT: 1.54 min Scan# 92  
Delta R.T. 0.01 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0928SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.0  | 52.0  | 78.0  |

Manual Integrations  
APPROVED

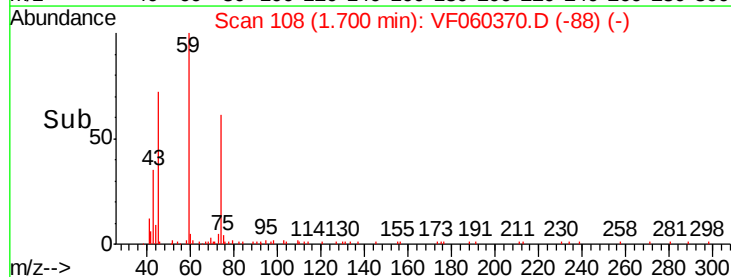
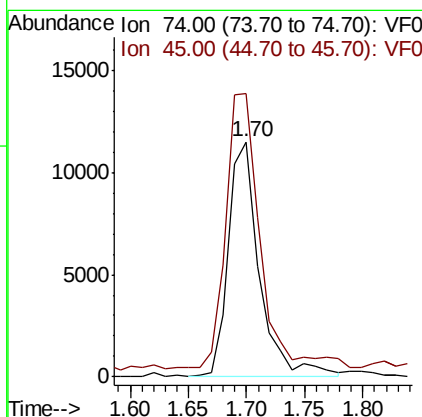
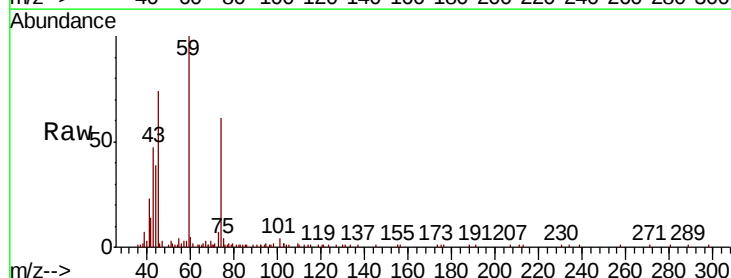
apatel  
10/1/2018 3:03:49 PM

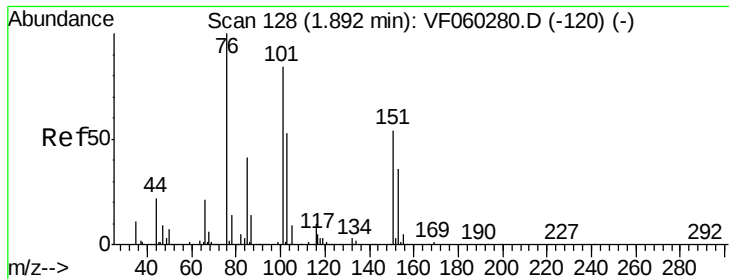


#8

Diethyl Ether  
Concen: 24.727 ug/l  
RT: 1.70 min Scan# 108  
Delta R.T. -0.00 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 120.5 | 53.9  | 161.7 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 28.875 ug/l

RT: 1.89 min Scan# 127

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

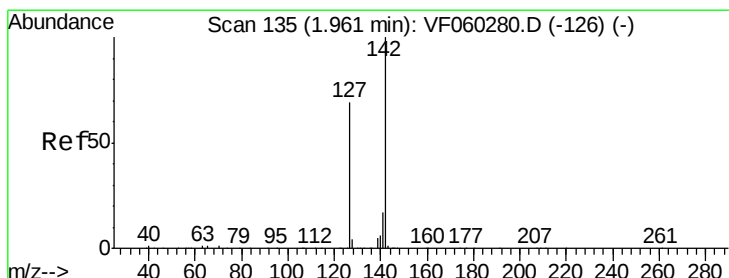
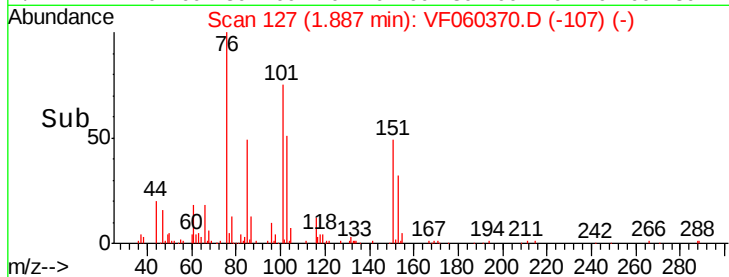
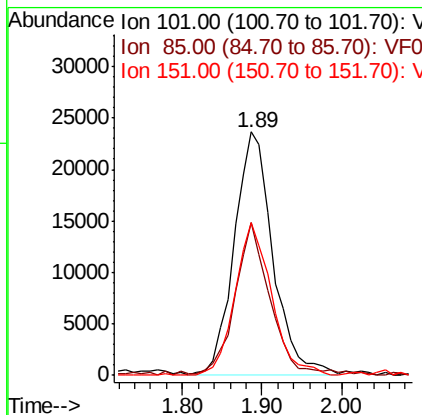
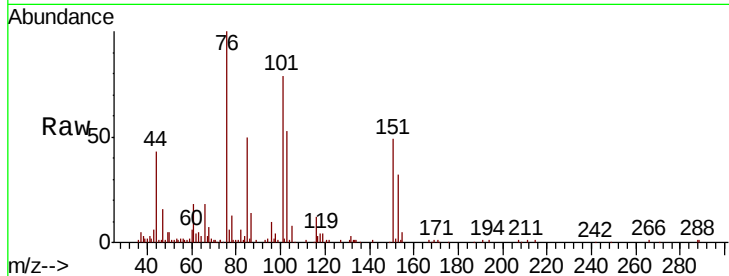
ClientSampleId :

VF0928SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 79727 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 63.0  | 38.7  | 58.1# |
| 151       | 62.7  | 50.8  | 76.2  |

Manual Integrations  
APPROVED

apatel  
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#10

Methyl Iodide

Concen: 26.506 ug/l

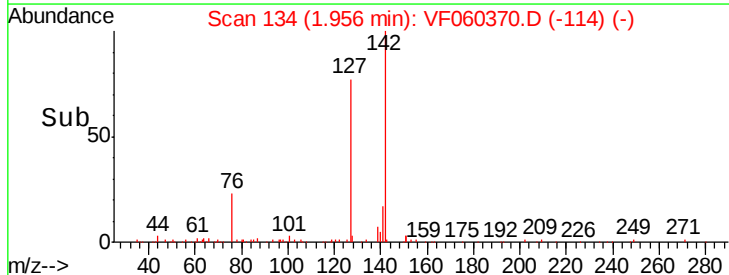
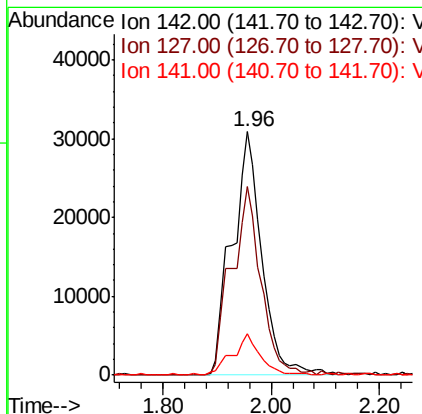
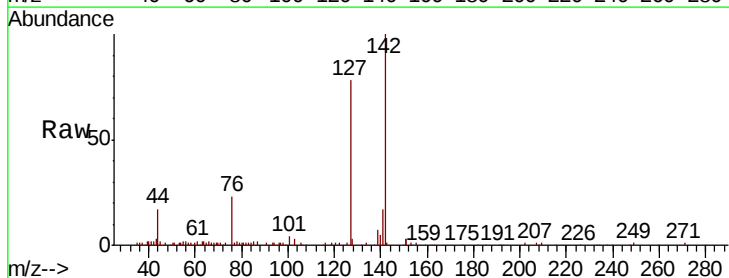
RT: 1.96 min Scan# 134

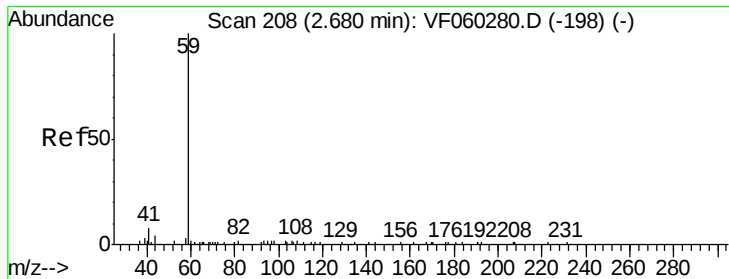
Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 118020 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 77.7  | 55.4  | 83.0   |
| 141       | 17.1  | 13.3  | 19.9   |





#11

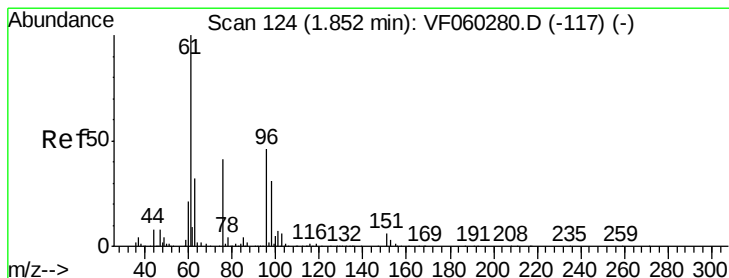
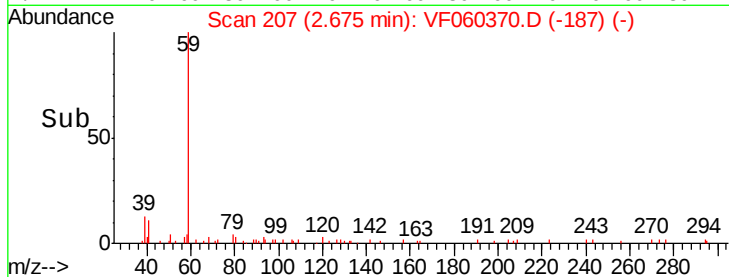
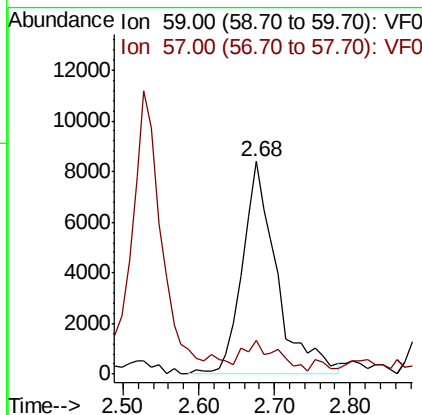
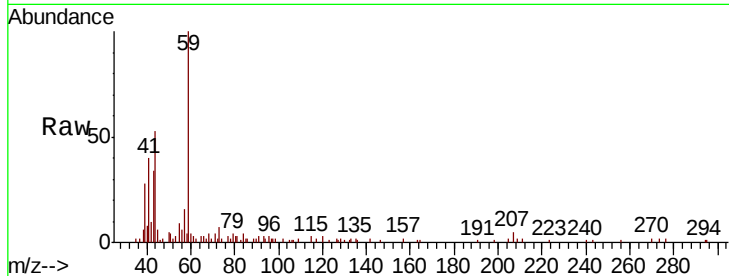
Tert butyl alcohol  
 Concen: 170.741 ug/l  
 RT: 2.68 min Scan# 207  
 Delta R.T. -0.00 min  
 Lab File: VF060370.D  
 Acq: 28 Sep 2018 16:40

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0928SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 15.8  | 12.4  | 18.6  |

Manual Integrations  
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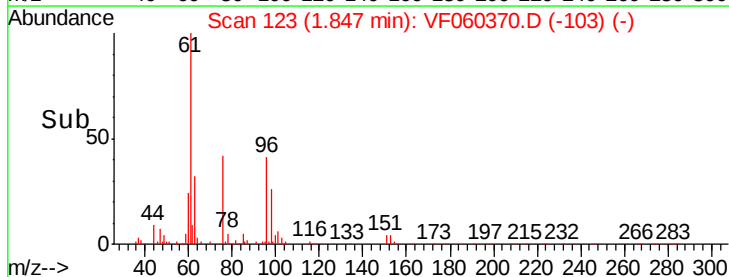
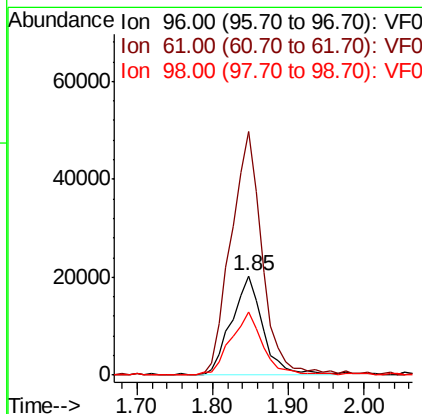
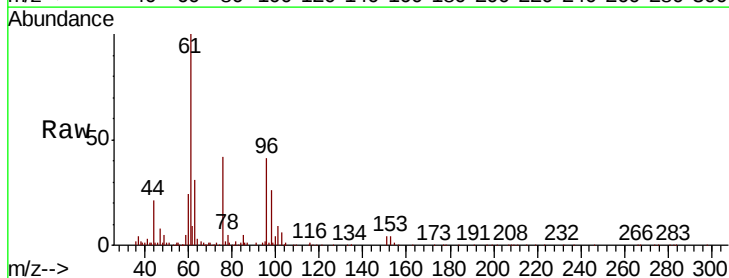
apatel  
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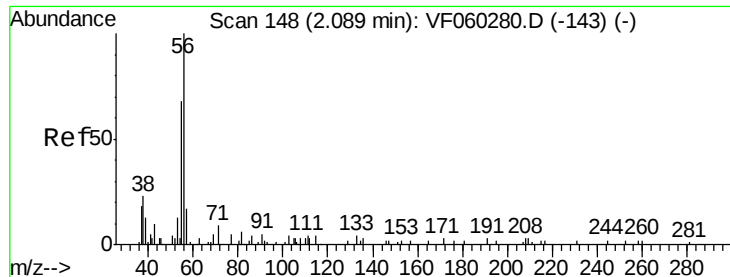


#12

1,1-Dichloroethene  
 Concen: 25.809 ug/l  
 RT: 1.85 min Scan# 123  
 Delta R.T. -0.00 min  
 Lab File: VF060370.D  
 Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 244.9 | 172.2 | 258.2 |
| 98      | 63.8  | 54.1  | 81.1  |





#13

Acrolein

Concen: 151.896 ug/l

RT: 2.08 min Scan# 147

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

ClientSampleId :

VF0928SBS01

Tot Ion: 56 Resp: 8700

Ion Ratio Lower Upper

56 100

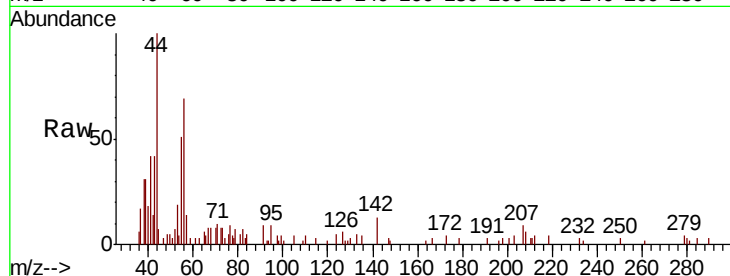
55 73.3 69.9 104.9

Manual Integrations

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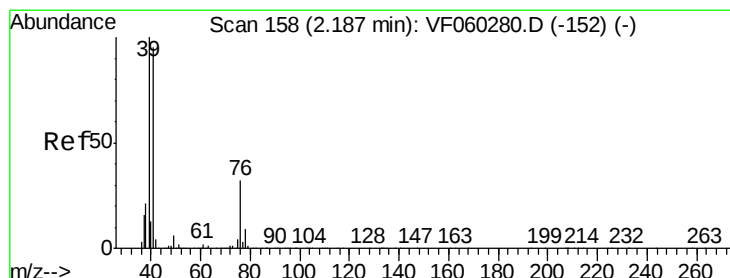
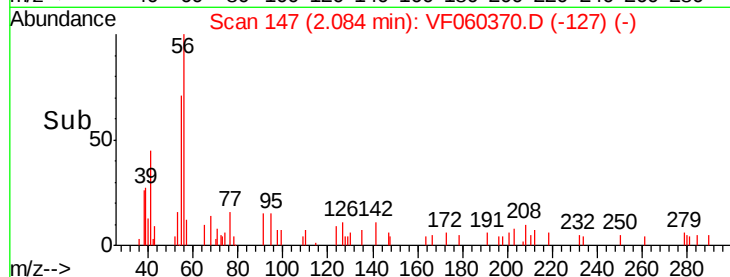
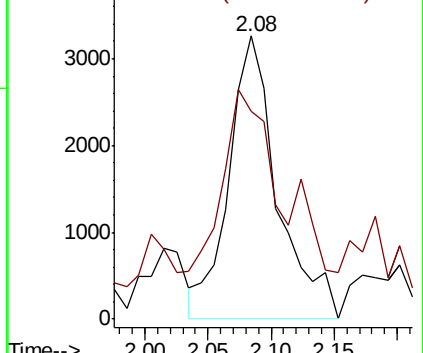
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 25.695 ug/l

RT: 2.18 min Scan# 157

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

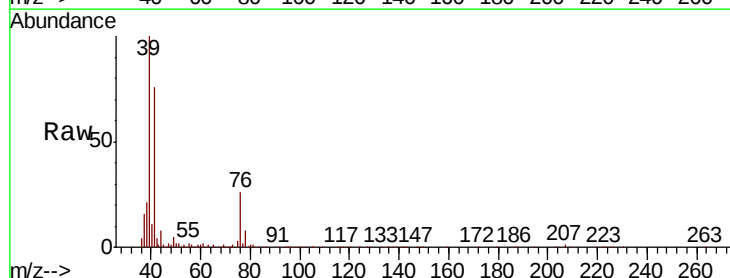
Tgt Ion: 41 Resp: 102391

Ion Ratio Lower Upper

41 100

39 132.4 84.8 127.2#

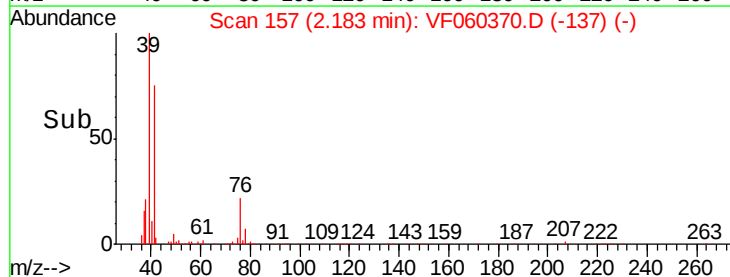
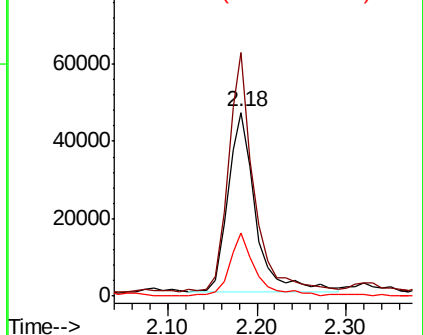
76 34.4 27.4 41.2

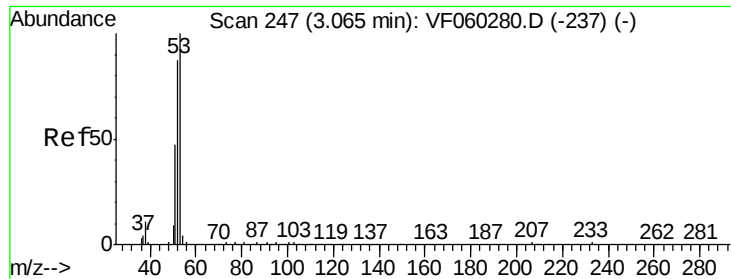


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





#15

Acrylonitrile

Concen: 119.028 ug/l

RT: 3.06 min Scan# 246

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

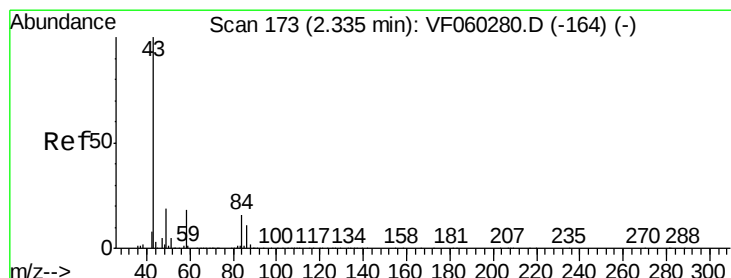
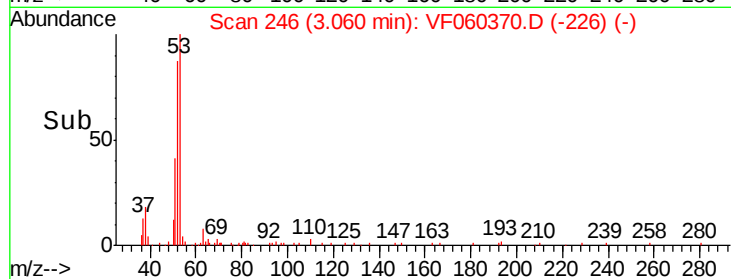
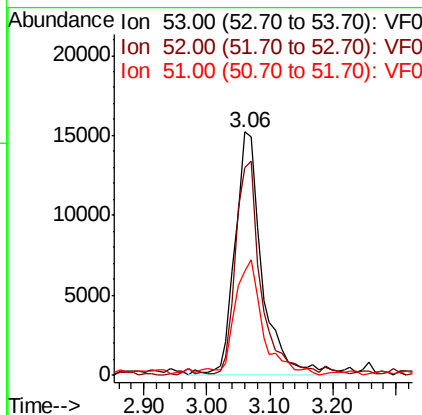
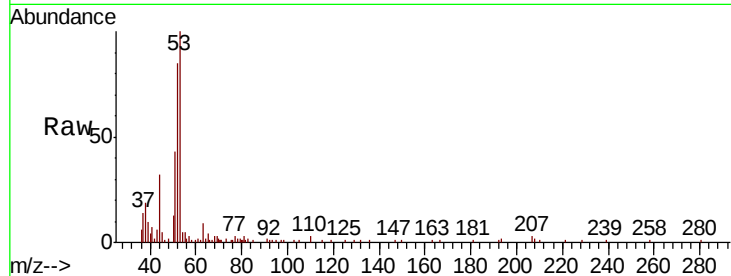
ClientSampleId :

VF0928SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 45422 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 85.2  | 69.5  | 104.3 |
| 51       | 42.7  | 38.1  | 57.1  |

Manual Integrations  
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apatel  
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#16

Acetone

Concen: 162.950 ug/l

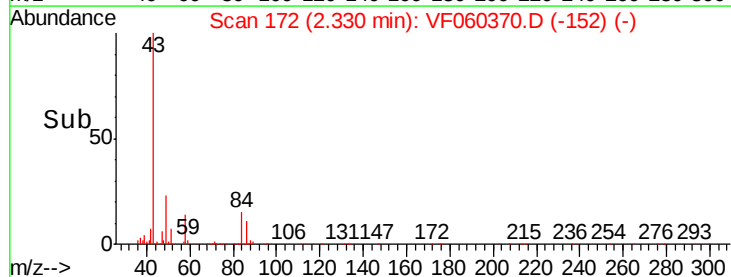
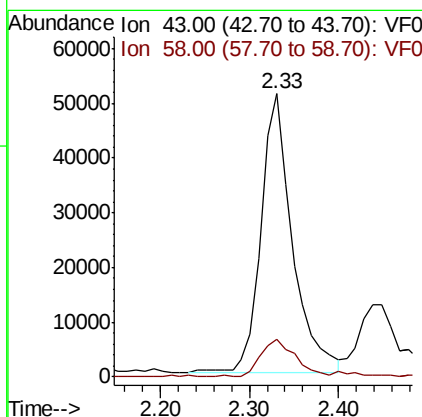
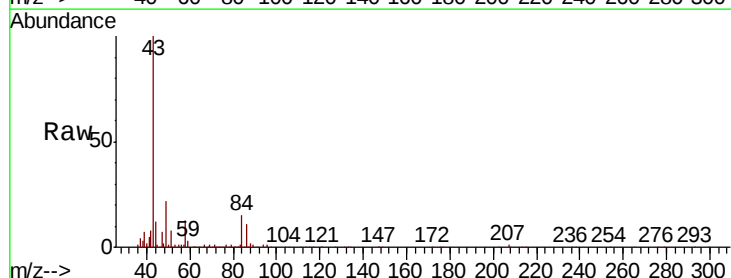
RT: 2.33 min Scan# 172

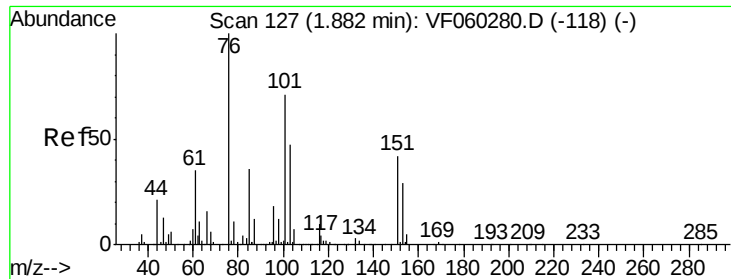
Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 123994 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 13.2  | 14.5  | 21.7#  |





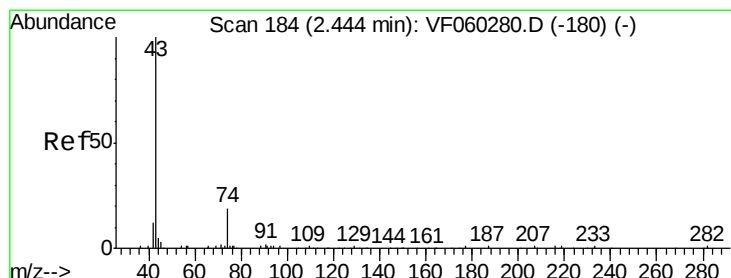
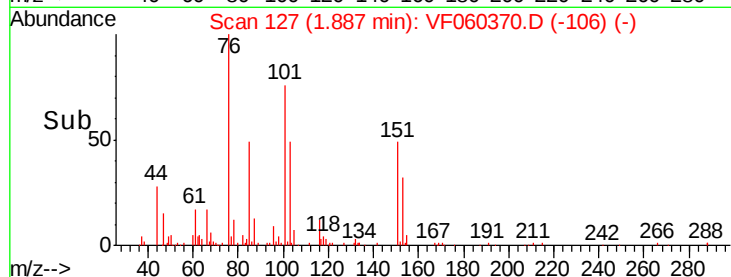
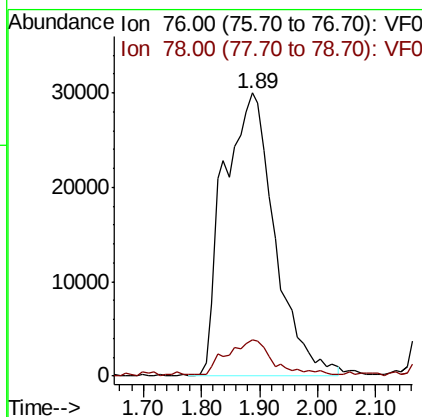
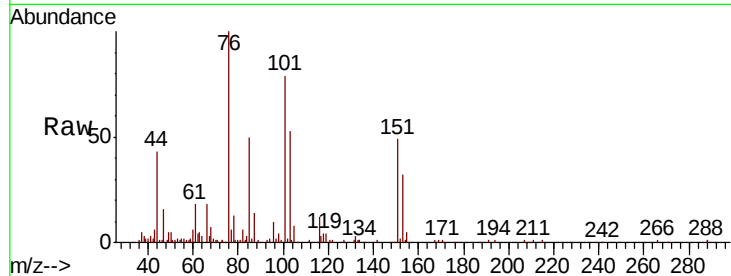
#17  
Carbon Disulfide  
Concen: 28.997 ug/l  
RT: 1.89 min Scan# 127  
Delta R.T. 0.01 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0928SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 13.0  | 9.4   | 14.0  |

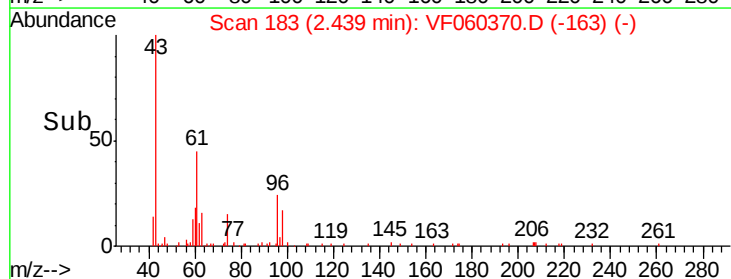
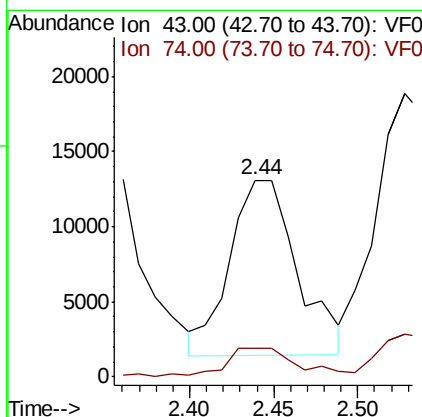
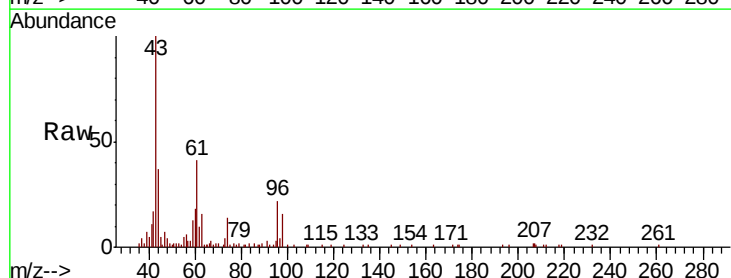
Manual Integrations  
APPROVED

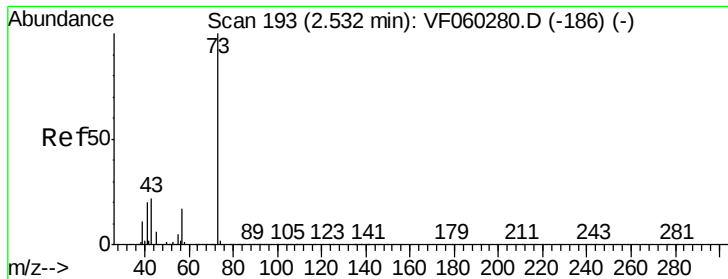
apatel  
10/1/2018 3:03:49 PM



#18  
Methyl Acetate  
Concen: 25.733 ug/l  
RT: 2.44 min Scan# 183  
Delta R.T. -0.00 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 14.5  | 12.7  | 19.1  |





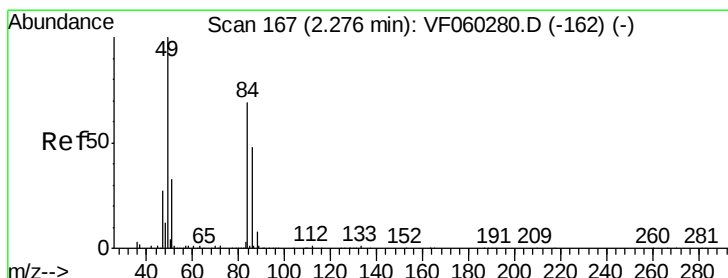
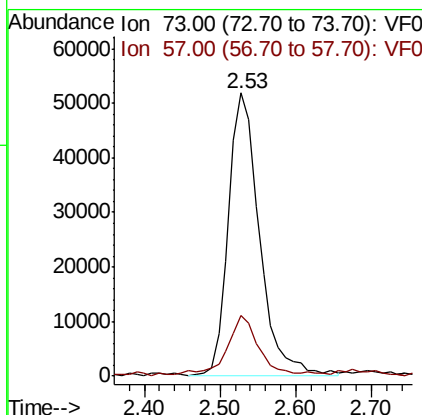
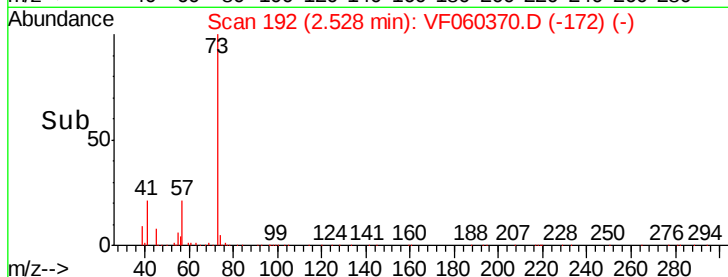
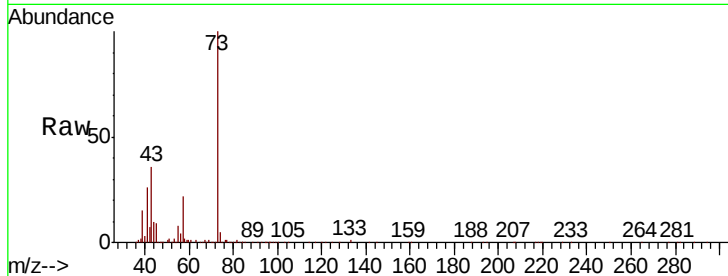
#19  
Methvl tert-butvl Ether  
Concen: 25.738 ug/l  
RT: 2.53 min Scan# 192  
Delta R.T. -0.00 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0928SBS01

Tot Ion: 73 Resp: 146517  
Ion Ratio Lower Upper  
73 100  
57 21.5 14.5 21.7

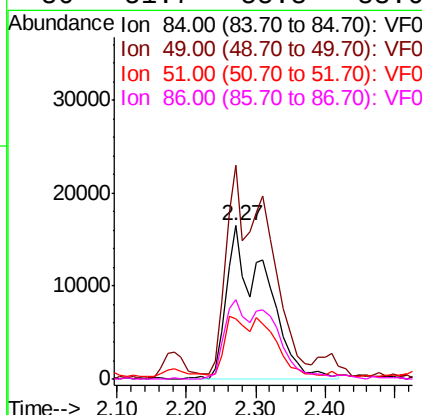
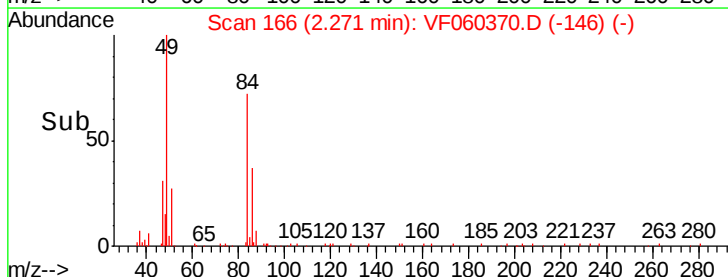
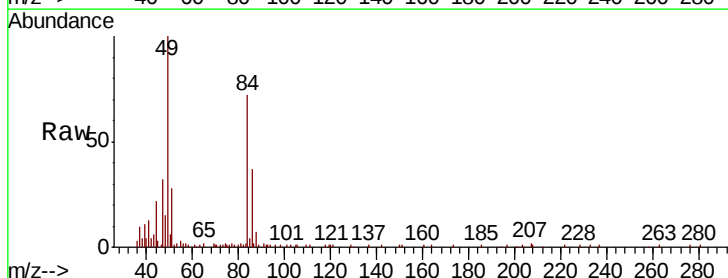
Manual Integrations  
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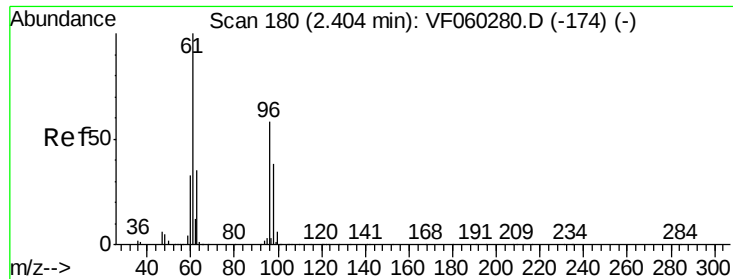
apatel  
10/1/2018 3:03:49 PM



#20  
Methylene Chloride  
Concen: 28.536 ug/l m  
RT: 2.27 min Scan# 166  
Delta R.T. -0.00 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

Tgt Ion: 84 Resp: 65206  
Ion Ratio Lower Upper  
84 100  
49 139.6 118.3 177.5  
51 39.5 38.7 58.1  
86 51.7 55.8 83.6#





#21

trans-1,2-Dichloroethene

Concen: 26.026 ug/l

RT: 2.40 min Scan# 179

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

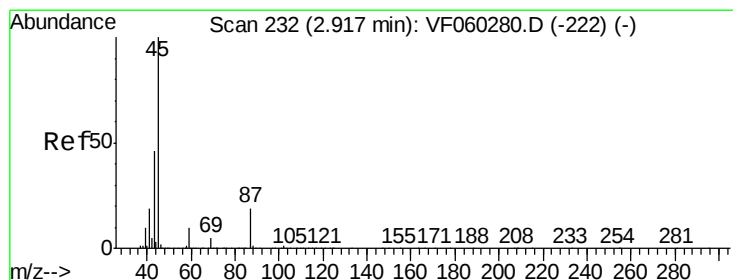
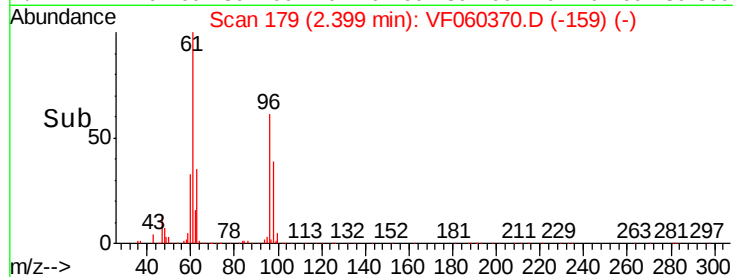
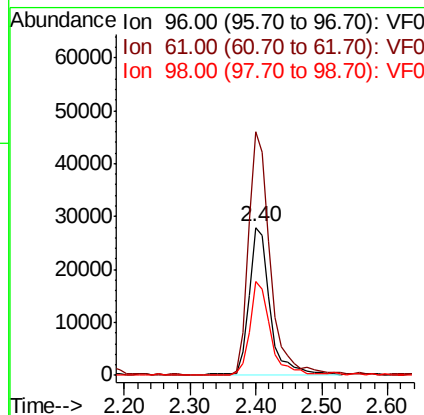
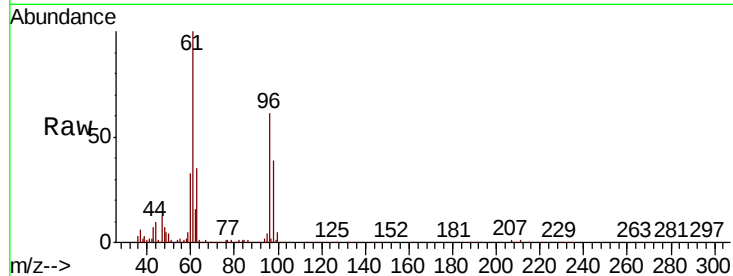
ClientSampleId :

VF0928SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 61381 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 164.3 | 136.4 | 204.6 |
| 98       | 63.5  | 51.8  | 77.6  |

Manual Integrations  
APPROVED

apatel  
10/1/2018 3:03:49 PM



#22

Diisopropyl ether

Concen: 24.669 ug/l

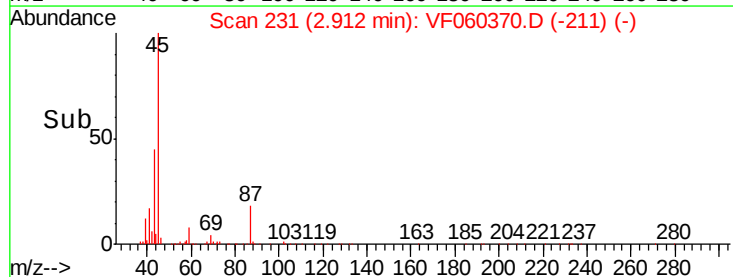
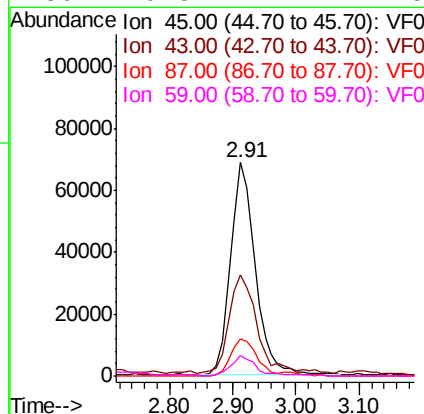
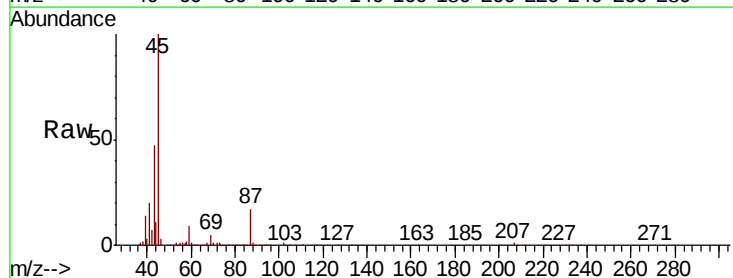
RT: 2.91 min Scan# 231

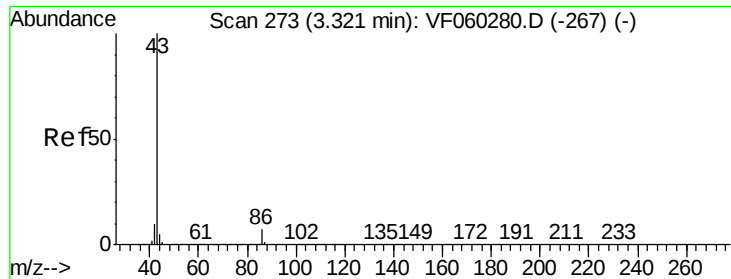
Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 185469 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 47.2  | 38.2  | 57.2   |
| 87       | 17.4  | 15.5  | 23.3   |
| 59       | 9.5   | 7.7   | 11.5   |





#23

Vinyl Acetate

Concen: 134.647 ug/l

RT: 3.32 min Scan# 272

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 43    | Resp: | 397588 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 86        | 7.5   | 5.9   | 8.9    |

Instrument :

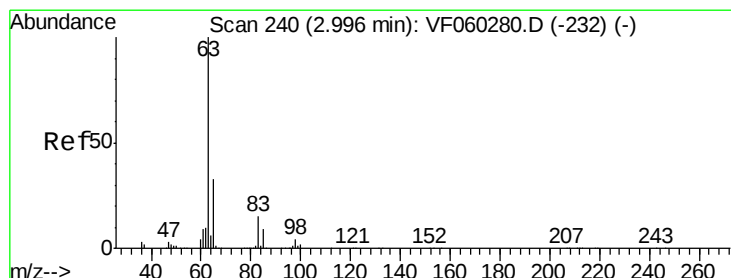
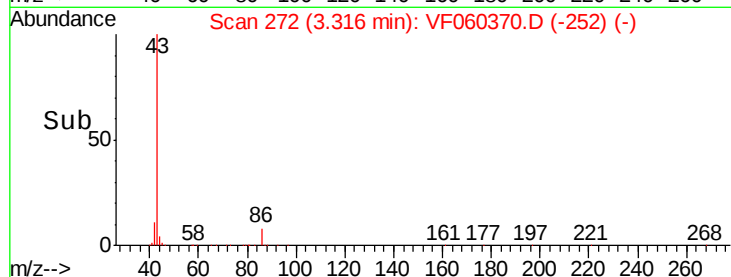
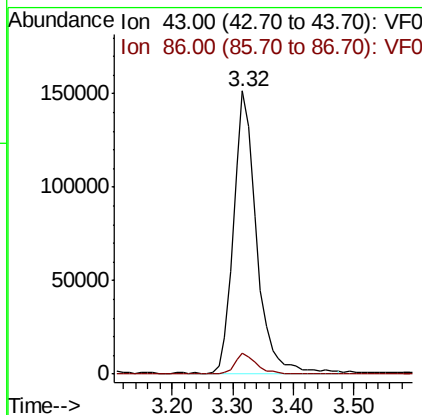
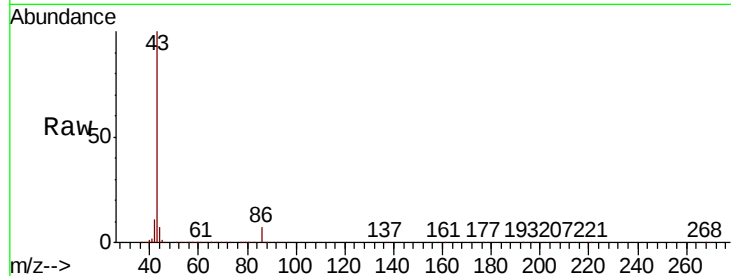
MSVOA\_F

ClientSampleId :

VF0928SBS01

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#24

1,1-Dichloroethane

Concen: 25.183 ug/l

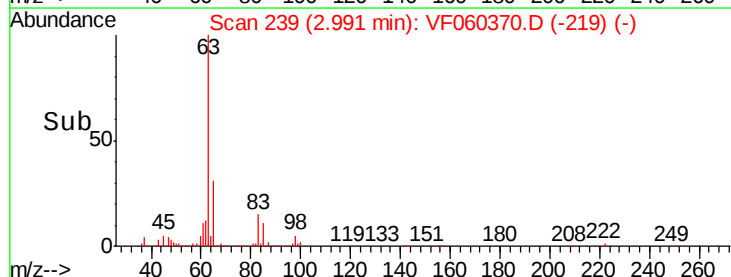
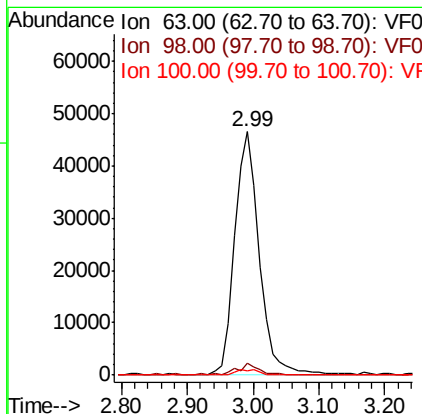
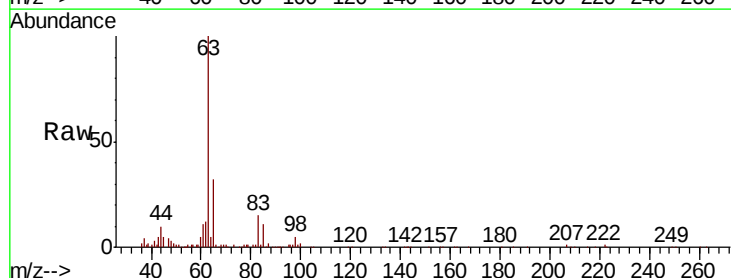
RT: 2.99 min Scan# 239

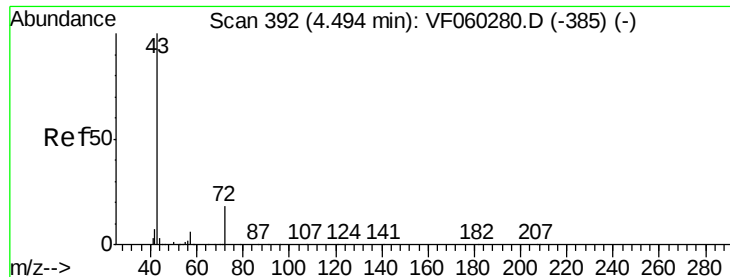
Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 63    | Resp: | 122790 |
| Ion Ratio | Lower | Upper |        |
| 63        | 100   |       |        |
| 98        | 4.9   | 2.1   | 6.5    |
| 100       | 1.7   | 1.1   | 3.3    |





#25

2-Butanone

Concen: 116.031 ug/l

RT: 4.49 min Scan# 391

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

ClientSampleId :

VF0928SBS01

Tot Ion: 43 Resp: 118840

Ion Ratio Lower Upper

43 100

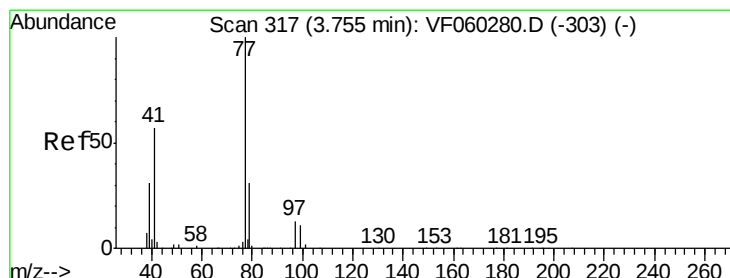
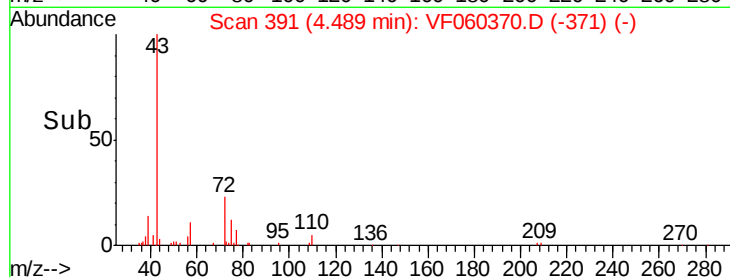
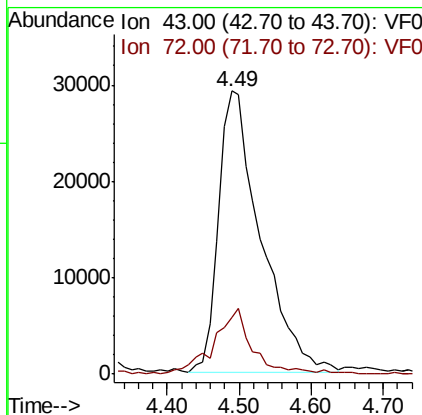
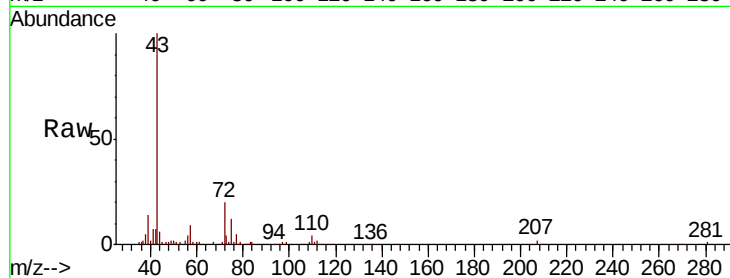
72 20.1 16.2 24.2

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#26

2,2-Dichloropropane

Concen: 25.339 ug/l

RT: 3.75 min Scan# 316

Delta R.T. -0.00 min

Lab File: VF060370.D

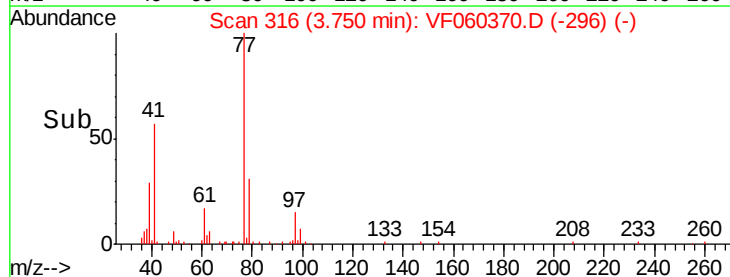
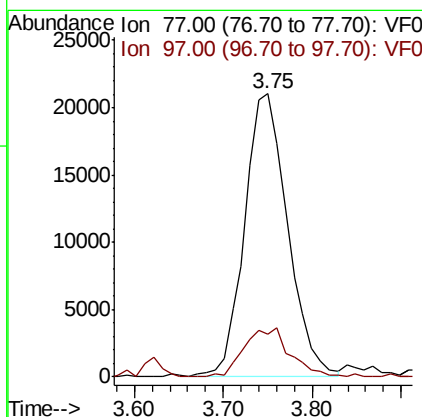
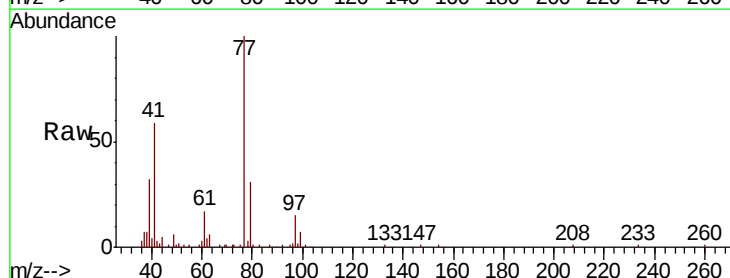
Acq: 28 Sep 2018 16:40

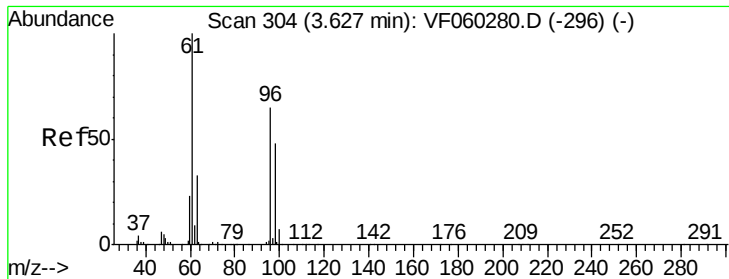
Tgt Ion: 77 Resp: 70494

Ion Ratio Lower Upper

77 100

97 15.3 9.3 27.9





#27

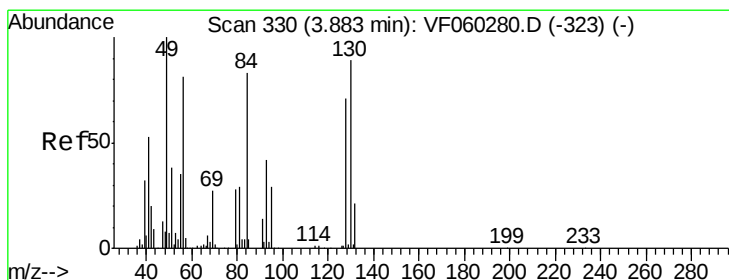
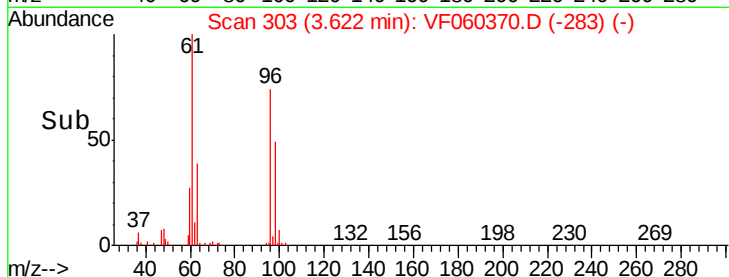
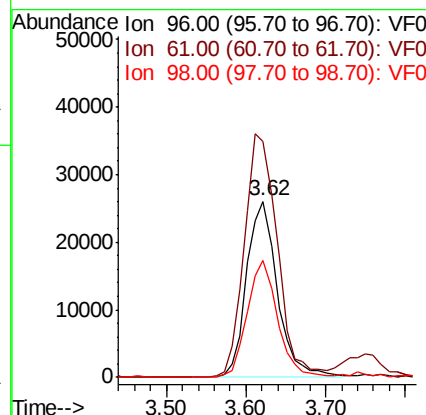
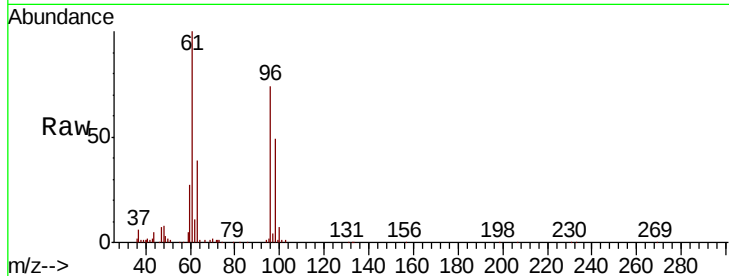
cis-1,2-Dichloroethene  
 Concen: 22.416 ug/l  
 RT: 3.62 min Scan# 303  
 Delta R.T. -0.00 min  
 Lab File: VF060370.D  
 Acq: 28 Sep 2018 16:40

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0928SBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 69454 |       |       |
| 61      | 134.5 | 0.0   | 304.8 |       |
| 98      | 66.3  | 0.0   | 146.4 |       |

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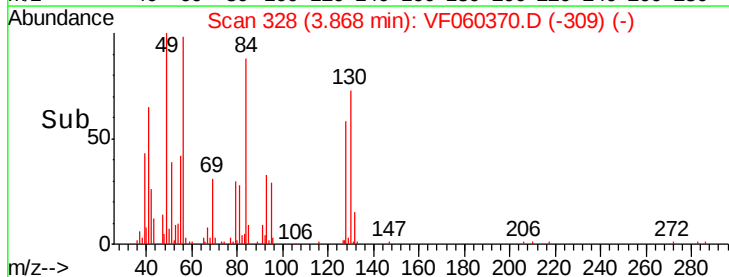
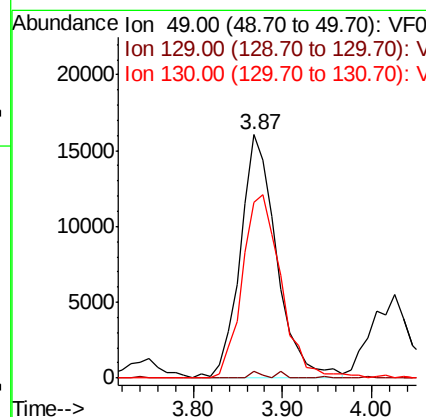
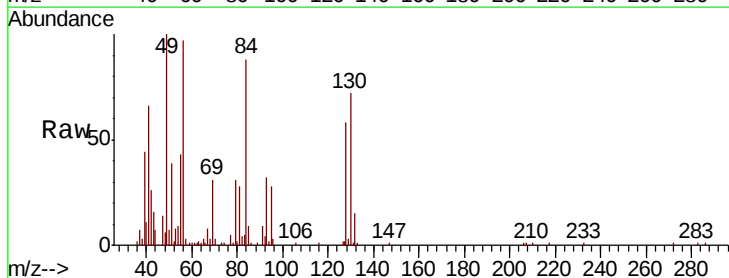
apatel  
 10/1/2018 3:03:49 PM

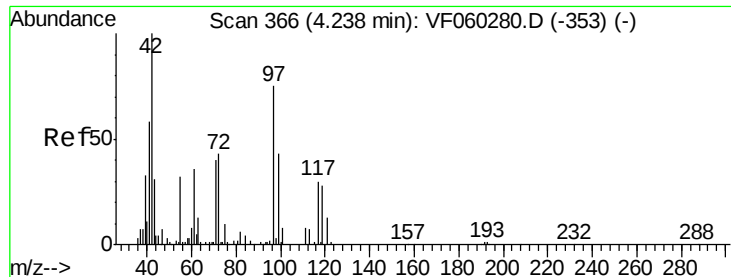


#28

Bromochloromethane  
 Concen: 23.896 ug/l  
 RT: 3.87 min Scan# 328  
 Delta R.T. -0.01 min  
 Lab File: VF060370.D  
 Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 45363 |       |       |
| 129     | 2.6   | 0.0   | 4.2   |       |
| 130     | 72.3  | 70.3  | 105.5 |       |





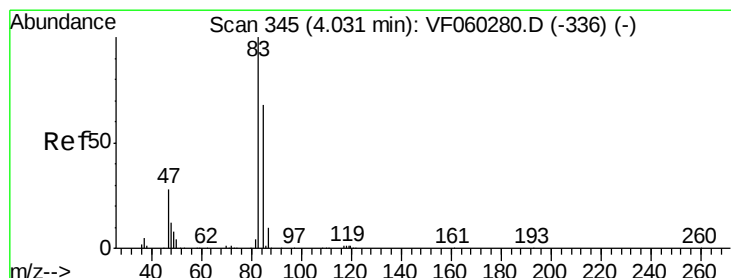
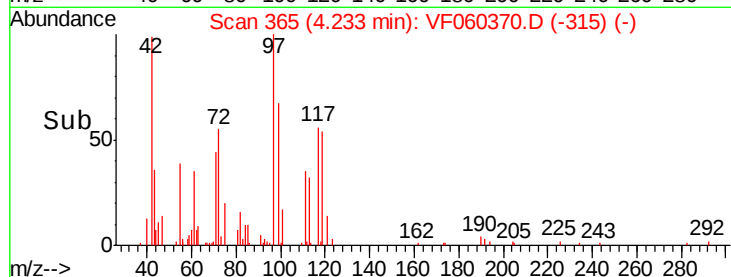
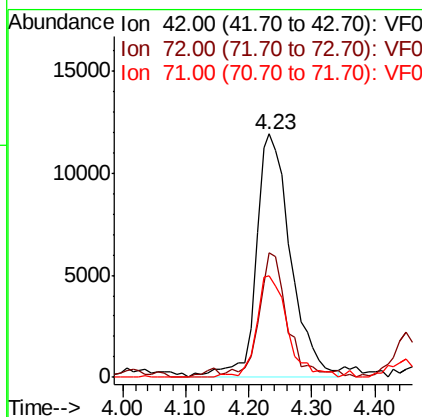
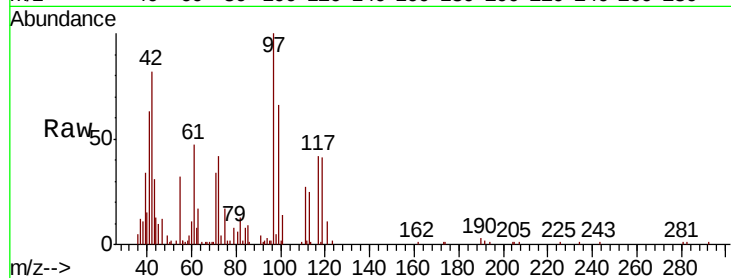
#29  
Tetrahydrofuran  
Concen: 121.666 ug/l  
RT: 4.23 min Scan# 365  
Delta R.T. -0.00 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0928SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 42.4  | 32.6  | 49.0  |
| 71      | 37.7  | 32.7  | 49.1  |

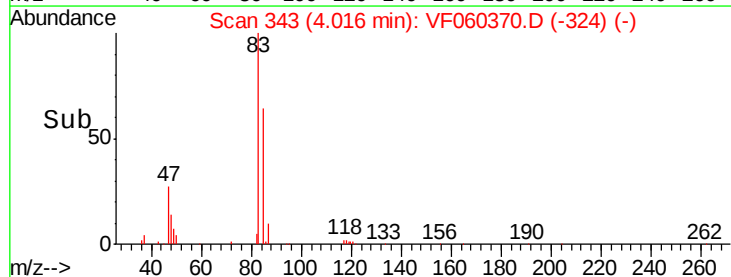
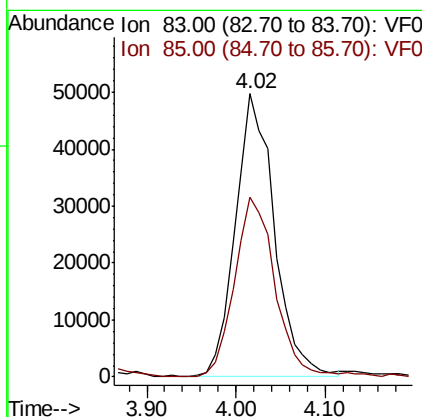
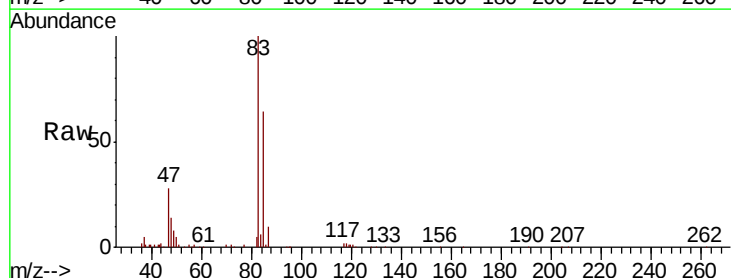
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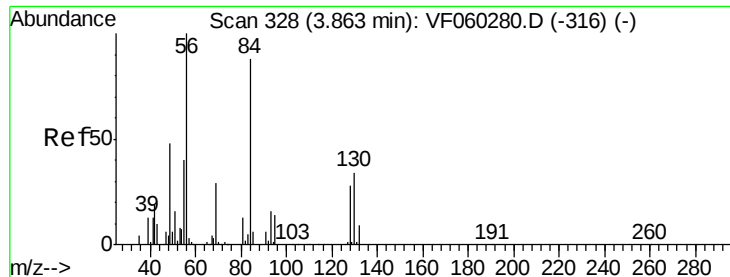
apatel  
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#30  
Chloroform  
Concen: 25.722 ug/l  
RT: 4.02 min Scan# 343  
Delta R.T. -0.01 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.6  | 54.9  | 82.3  |





#31

Cyclohexane

Concen: 22.110 ug/l

RT: 3.85 min Scan# 326

Delta R.T. -0.01 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

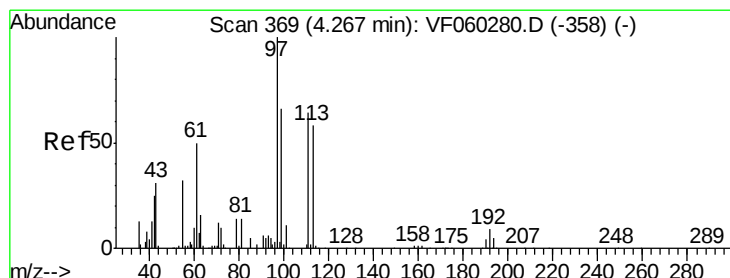
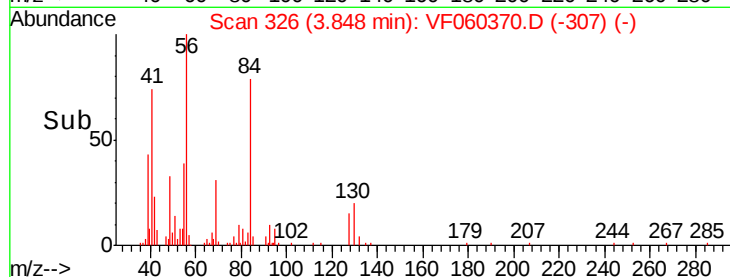
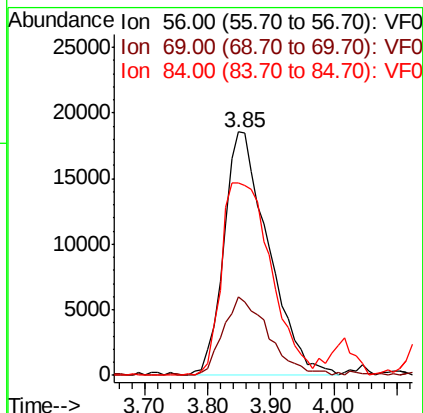
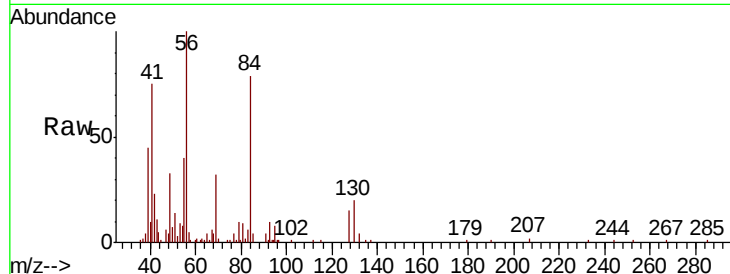
ClientSampleId :

VF0928SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 56    | Resp: | 91061 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 32.3  | 23.8  | 35.6  |
| 84       | 79.0  | 70.2  | 105.4 |

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#32

1,1,1-Trichloroethane

Concen: 27.122 ug/l

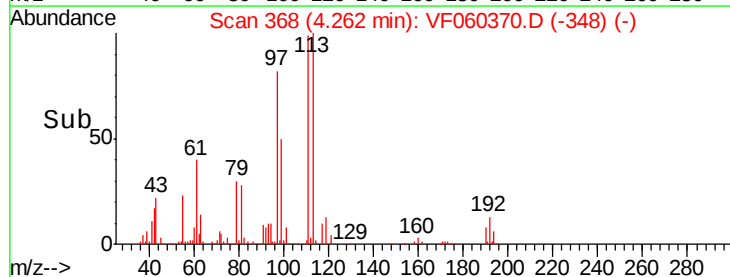
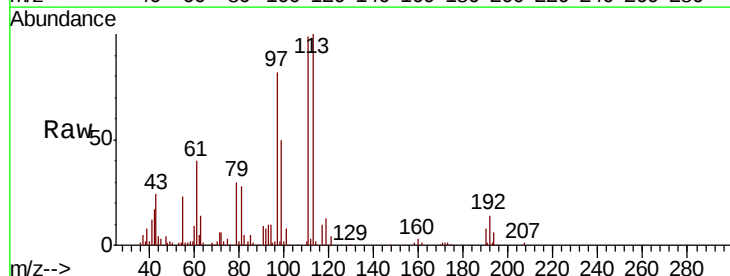
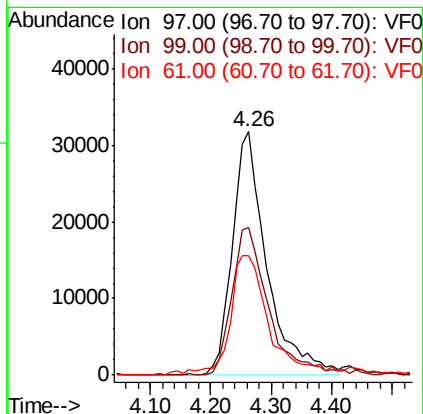
RT: 4.26 min Scan# 368

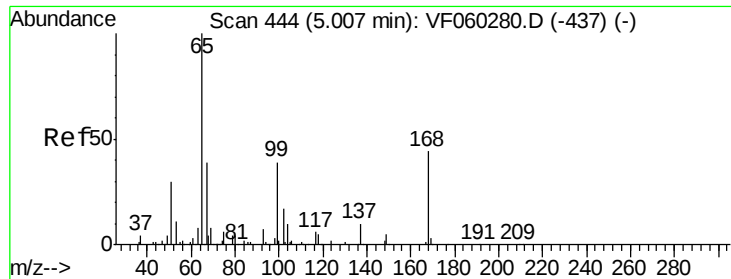
Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 125906 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 60.6  | 53.0  | 79.4   |
| 61       | 48.8  | 40.6  | 61.0   |





#33

1,2-Dichloroethane-d4

Concen: 58.986 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

ClientSampleId :

VF0928SBS01

Tot Ion: 65 Resp: 159379

Ion Ratio Lower Upper

65 100

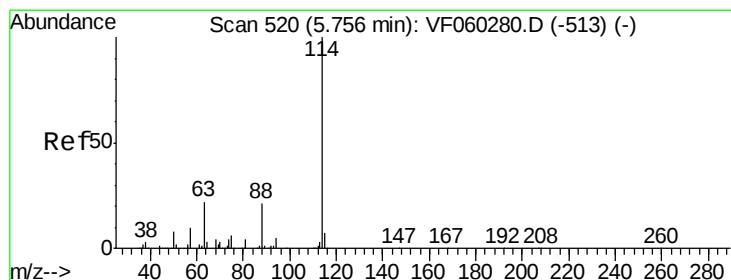
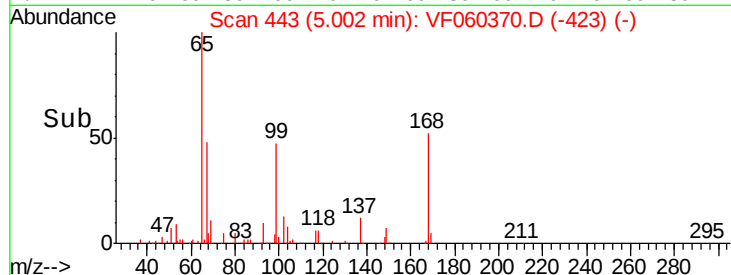
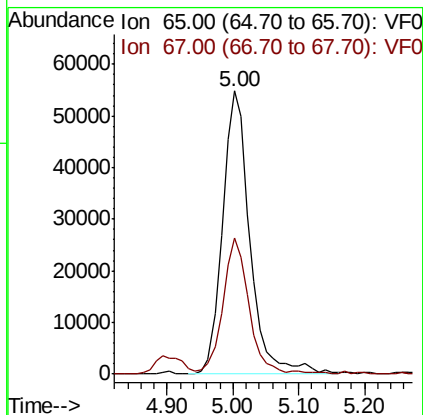
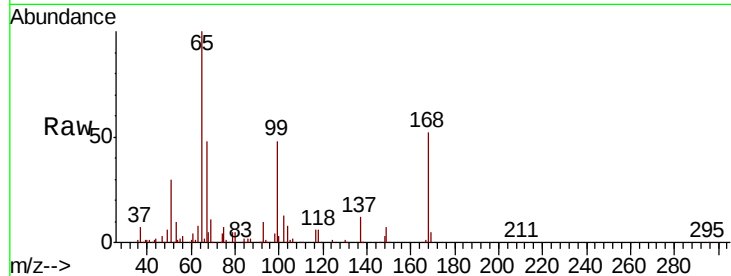
67 48.0 0.0 94.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

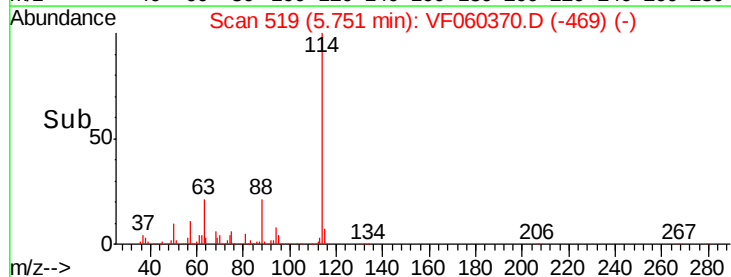
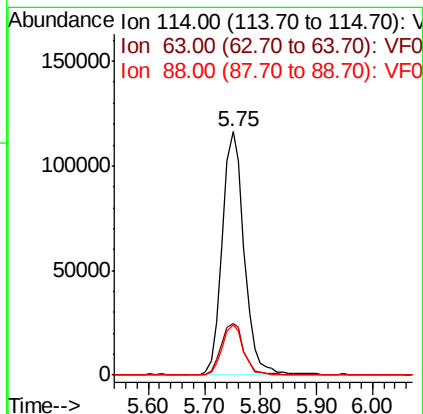
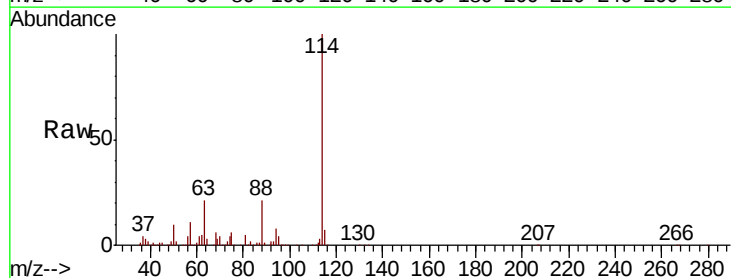
Tgt Ion: 114 Resp: 319560

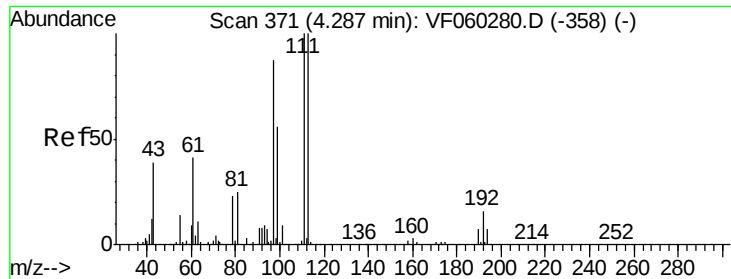
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.8

88 20.5 0.0 41.2





#35

Dibromofluoromethane

Concen: 52.896 ug/l

RT: 4.27 min Scan# 369

Delta R.T. -0.01 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

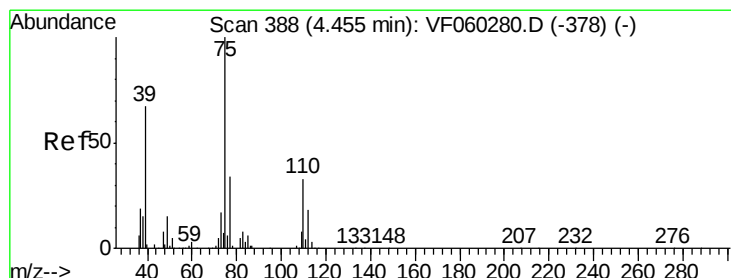
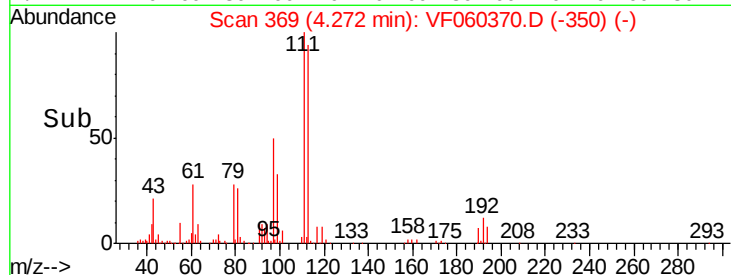
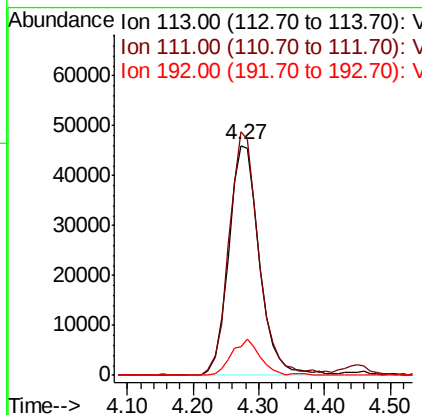
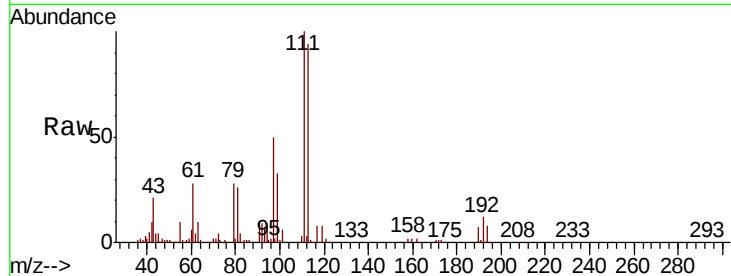
ClientSampleId :

VF0928SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 150681 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 105.8 | 79.6  | 119.4  |
| 192       | 12.7  | 13.0  | 19.6#  |

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#36

1,1-Dichloropropene

Concen: 25.030 ug/l

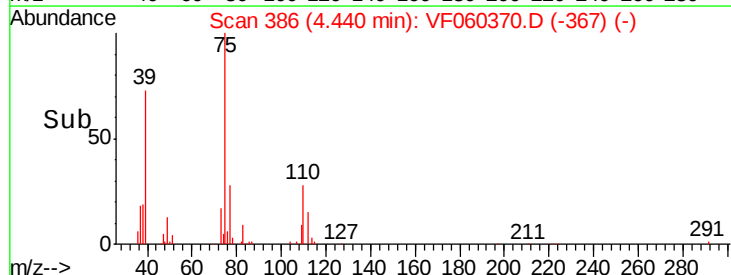
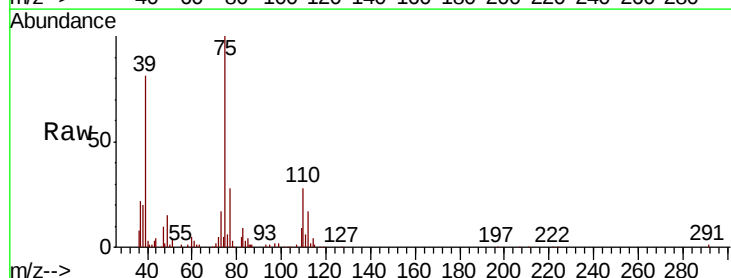
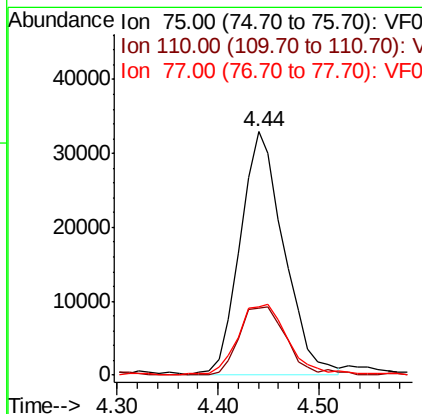
RT: 4.44 min Scan# 386

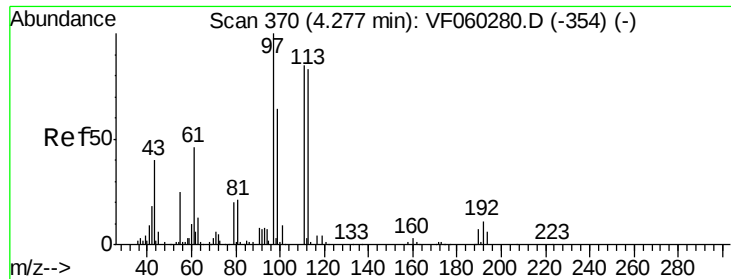
Delta R.T. -0.01 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 99771 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 27.5  | 16.4  | 49.2  |
| 77        | 27.9  | 27.3  | 40.9  |





#37

Ethyl Acetate

Concen: 24.407 ug/l

RT: 4.27 min Scan# 369

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

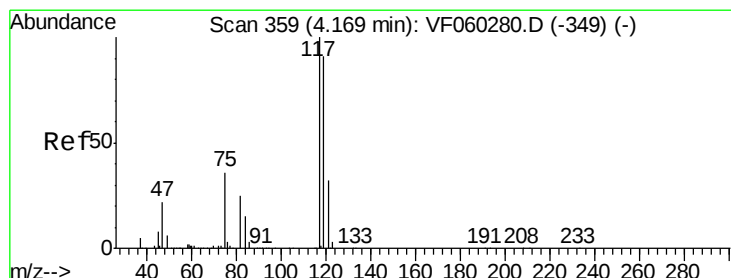
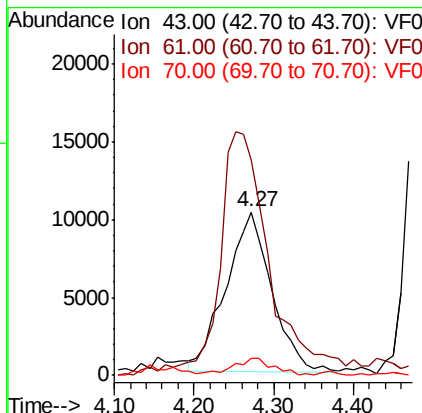
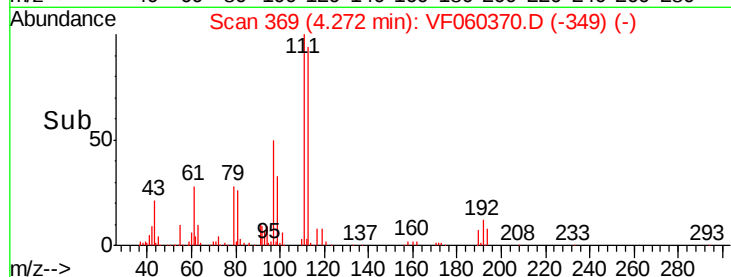
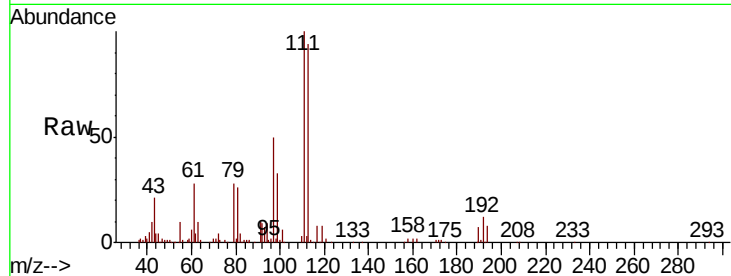
ClientSampleId :

VF0928SBS01

| Tot Ion | 43    | 61    | 70    |
|---------|-------|-------|-------|
| Resp:   | 41165 |       |       |
| Ratio   | 100   | 132.2 | 10.4  |
| Lower   |       | 91.1  | 6.9   |
| Upper   |       | 136.7 | 10.3# |

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#38

Carbon Tetrachloride

Concen: 32.527 ug/l

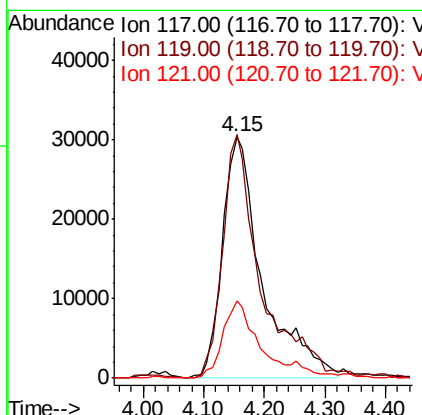
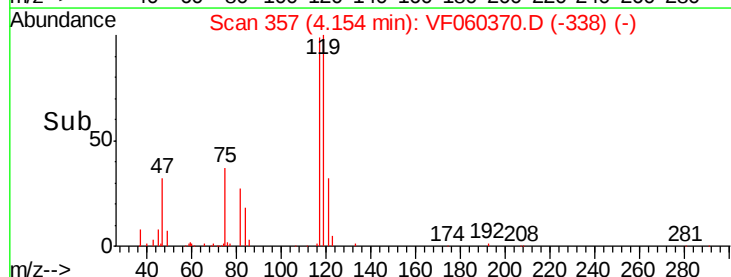
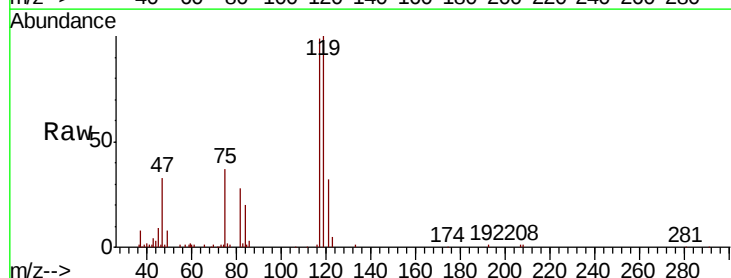
RT: 4.15 min Scan# 357

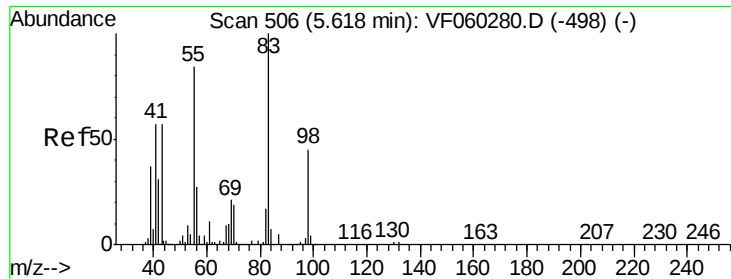
Delta R.T. -0.01 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

| Tgt Ion | 117    | 119   | 121  |
|---------|--------|-------|------|
| Resp:   | 139262 |       |      |
| Ratio   | 100    | 100.7 | 32.2 |
| Lower   |        | 73.0  | 25.4 |
| Upper   |        | 109.6 | 38.2 |





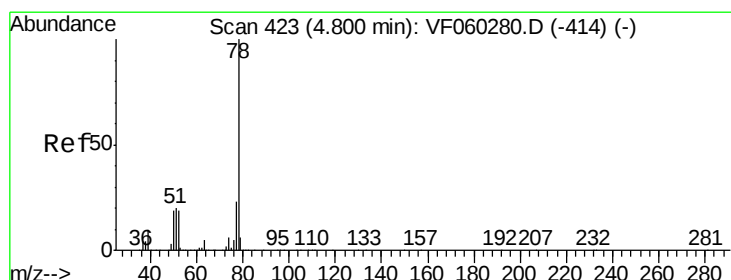
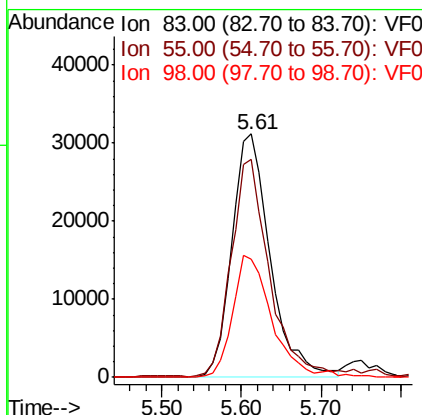
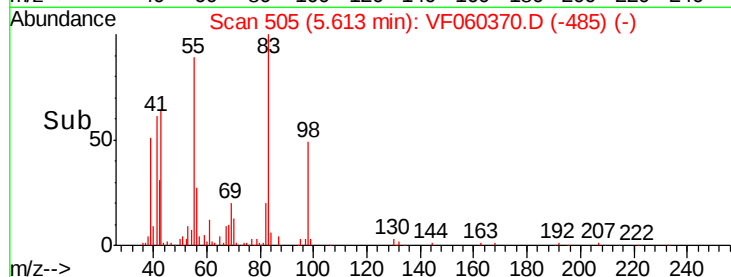
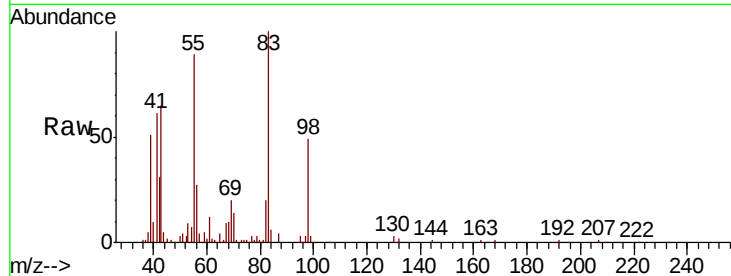
#39  
Methylvlcvclohexane  
Concen: 24.182 ug/l  
RT: 5.61 min Scan# 505  
Delta R.T. -0.00 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0928SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 89.4  | 67.3  | 100.9 |
| 98      | 48.7  | 36.1  | 54.1  |

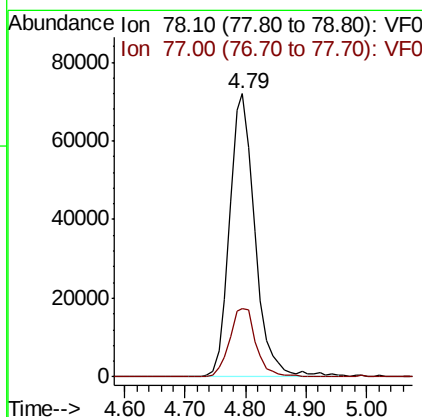
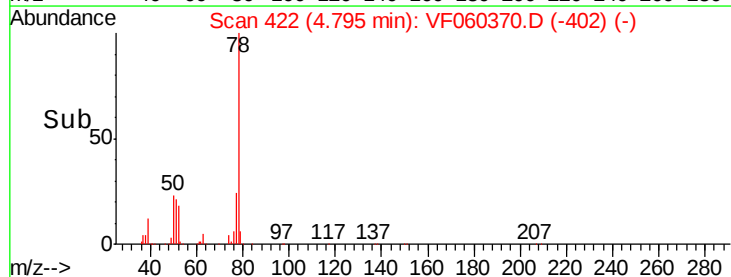
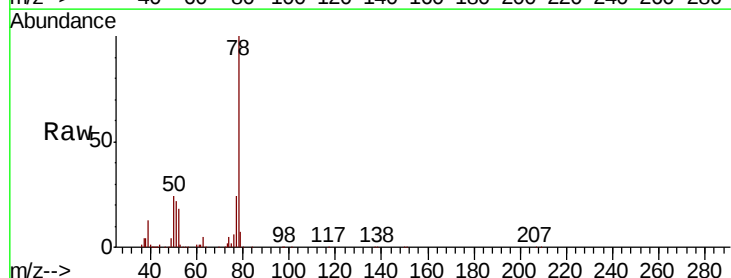
Manual Integrations  
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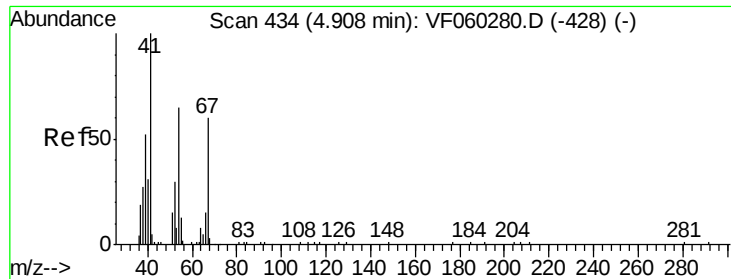
apatel  
10/1/2018 3:03:49 PM



#40  
Benzene  
Concen: 23.230 ug/l  
RT: 4.79 min Scan# 422  
Delta R.T. -0.00 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.2  | 18.4  | 27.6  |





#41

Methacrylonitrile

Concen: 24.835 ug/l

RT: 4.90 min Scan# 433

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

ClientSampleId :

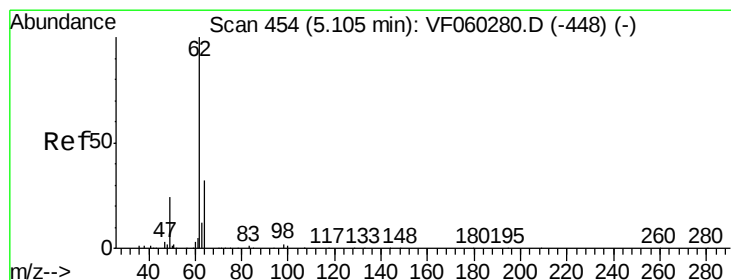
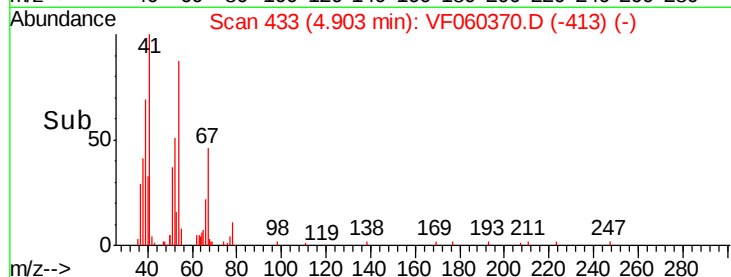
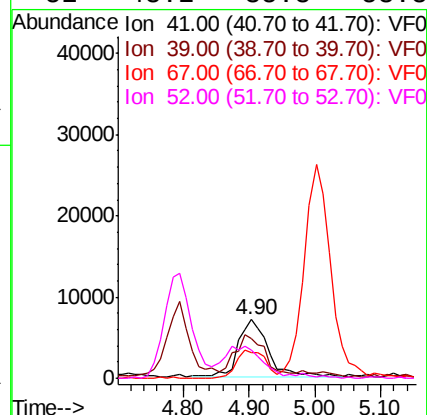
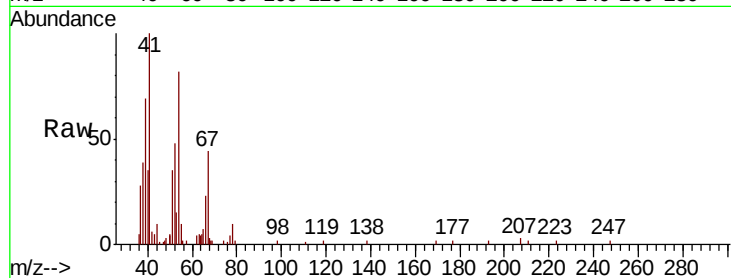
VF0928SBS01

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| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 68.7 | 49.1  | 73.7  |       |
| 67      | 43.7 | 48.2  | 72.4  |       |
| 52      | 48.2 | 35.8  | 53.8  |       |



#42

1,2-Dichloroethane

Concen: 29.250 ug/l

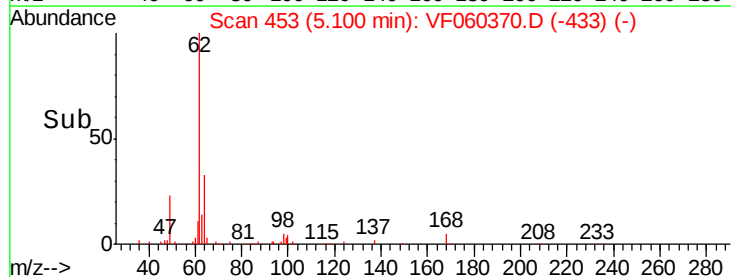
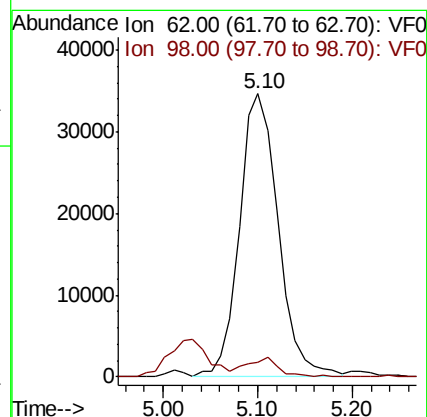
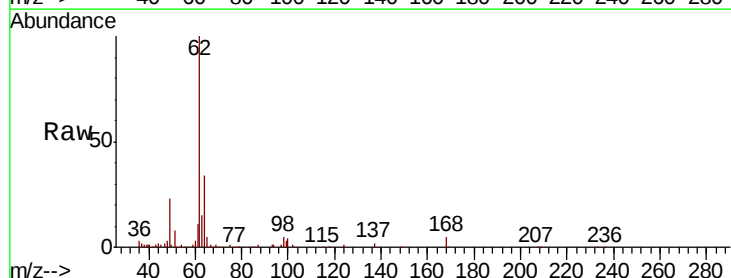
RT: 5.10 min Scan# 453

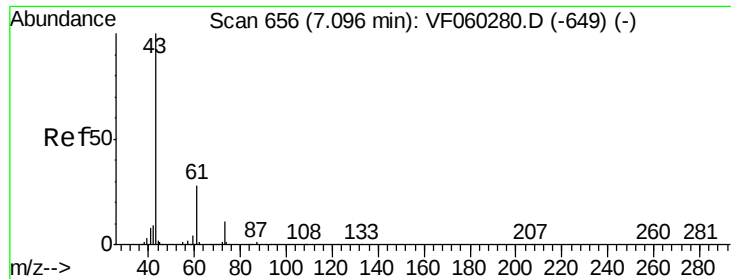
Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 5.1 | 0.0   | 14.4  |       |





#43

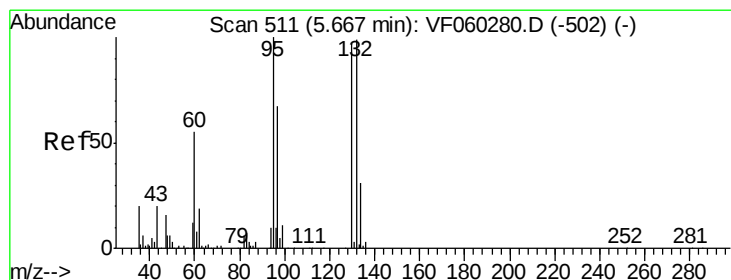
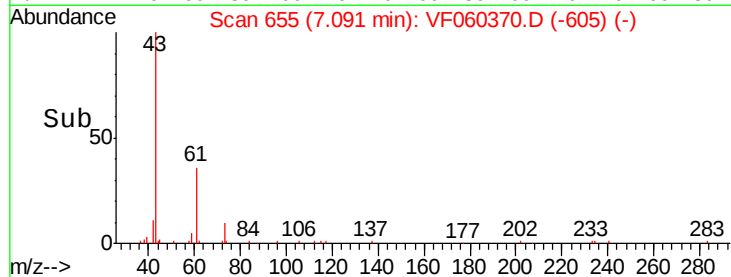
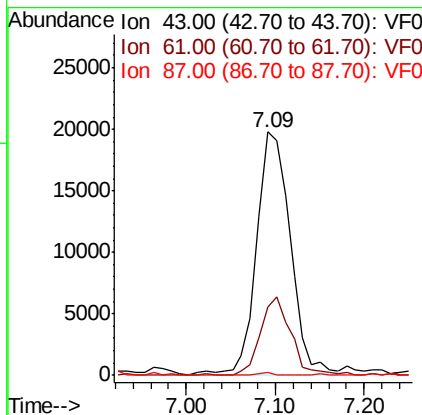
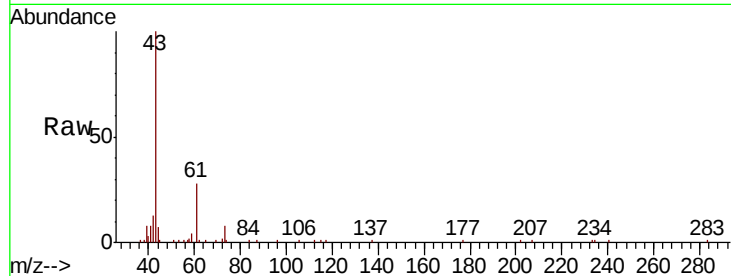
Isopropyl Acetate  
 Concen: 25.625 ug/l  
 RT: 7.09 min Scan# 655  
 Delta R.T. -0.00 min  
 Lab File: VF060370.D  
 Acq: 28 Sep 2018 16:40

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0928SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 28.1  | 22.4  | 33.6  |
| 87      | 1.4   | 0.6   | 0.8   |

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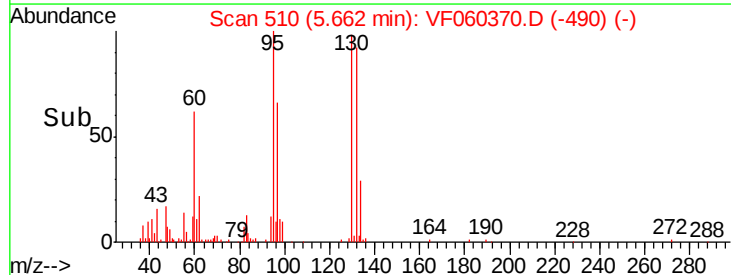
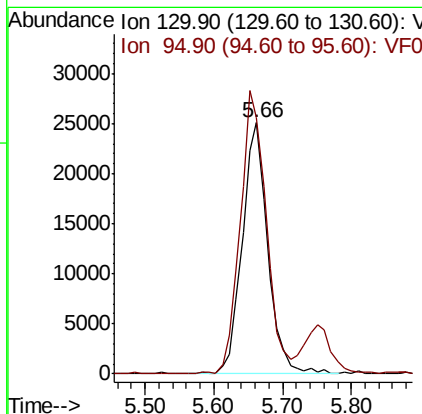
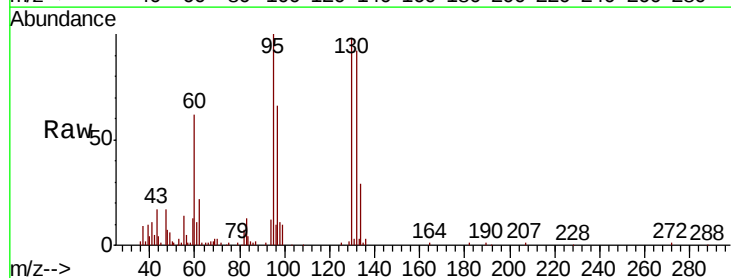
apatel  
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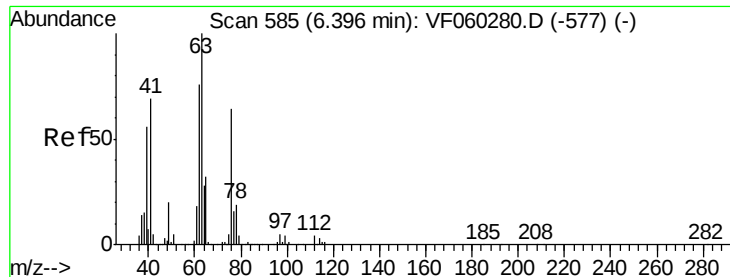


#44

Trichloroethene  
 Concen: 23.933 ug/l  
 RT: 5.66 min Scan# 510  
 Delta R.T. -0.00 min  
 Lab File: VF060370.D  
 Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 102.0 | 0.0   | 205.6 |





#45

1,2-Dichloropropane

Concen: 24.215 ug/l

RT: 6.38 min Scan# 583

Delta R.T. -0.01 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

ClientSampleId :

VF0928SBS01

Tot Ion: 63 Resp: 56644

Ion Ratio Lower Upper

63 100

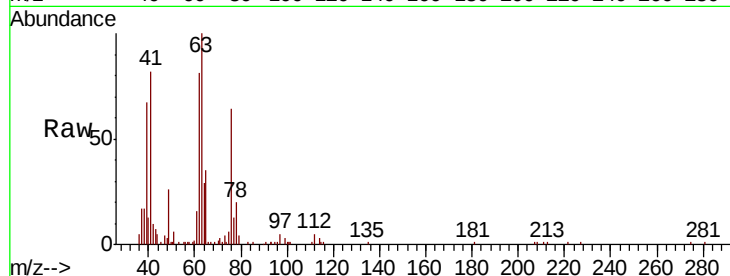
65 34.8 26.2 39.4

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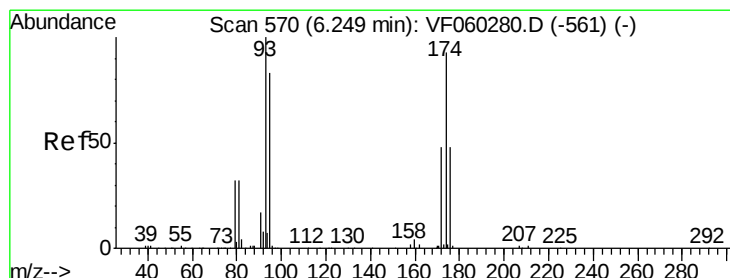
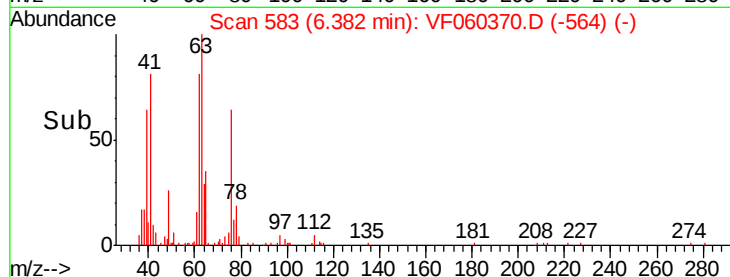
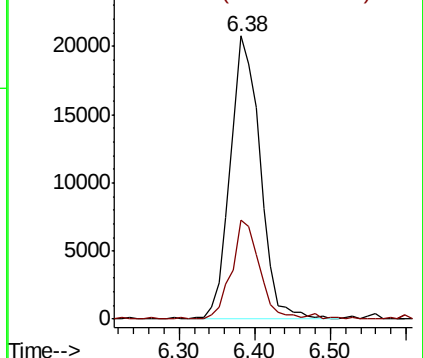
apatel

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Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 26.081 ug/l

RT: 6.24 min Scan# 569

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

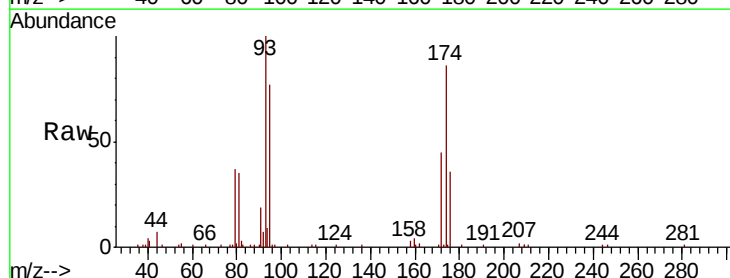
Tgt Ion: 93 Resp: 43608

Ion Ratio Lower Upper

93 100

95 77.2 67.0 100.6

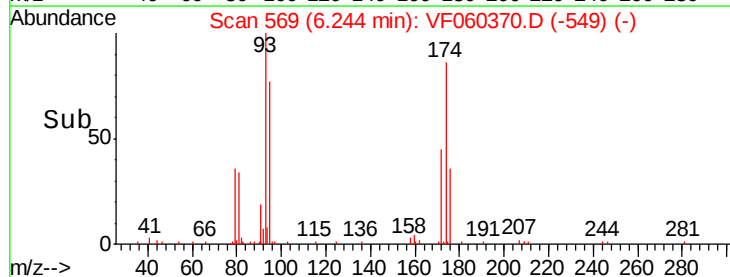
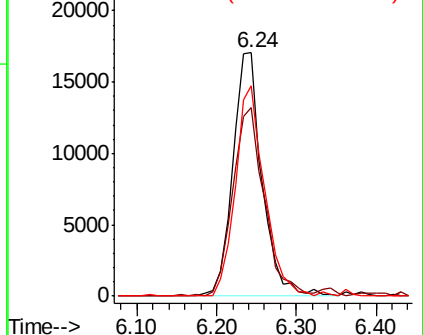
174 86.1 74.8 112.2

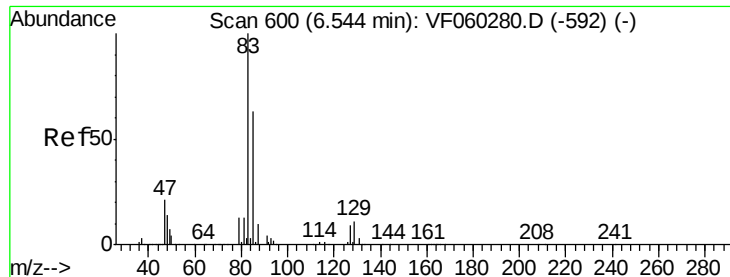


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 27.483 ug/l

RT: 6.53 min Scan# 598

Delta R.T. -0.01 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

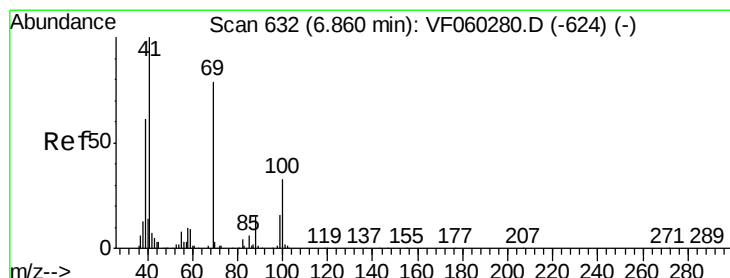
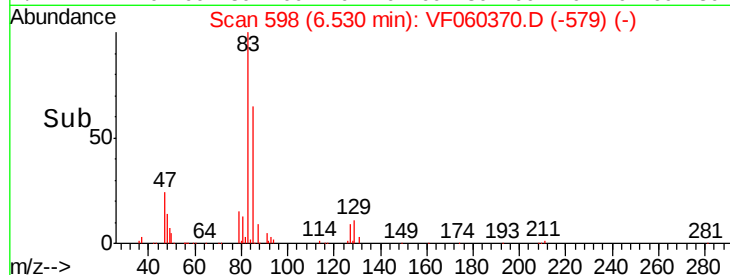
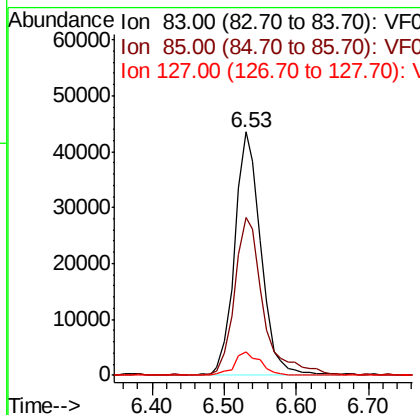
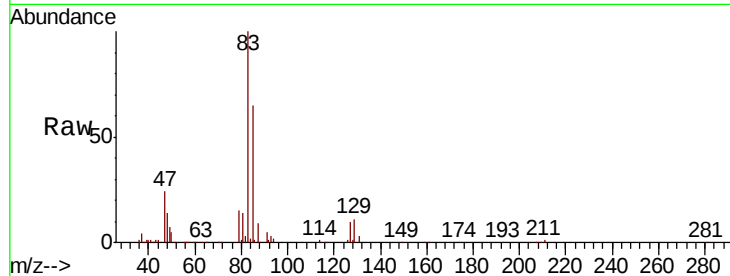
ClientSampleId :

VF0928SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 110430 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.6  | 50.6  | 76.0   |
| 127       | 9.7   | 7.1   | 10.7   |

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#48

Methyl methacrylate

Concen: 23.538 ug/l

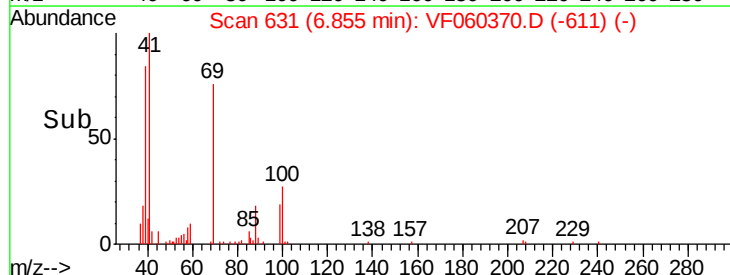
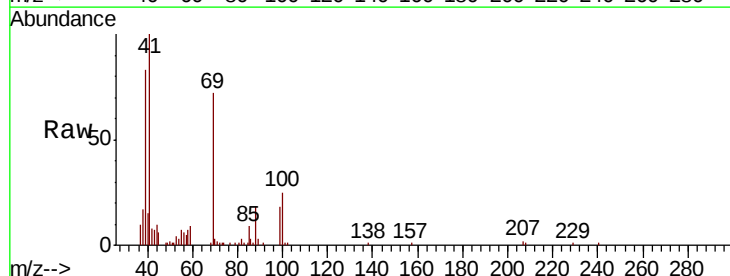
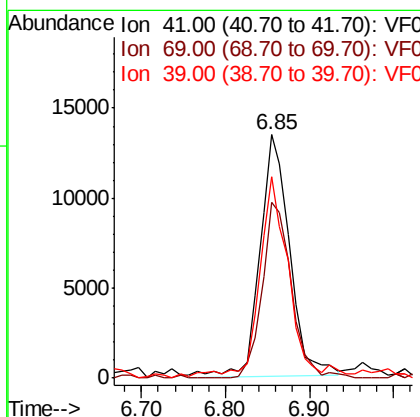
RT: 6.85 min Scan# 631

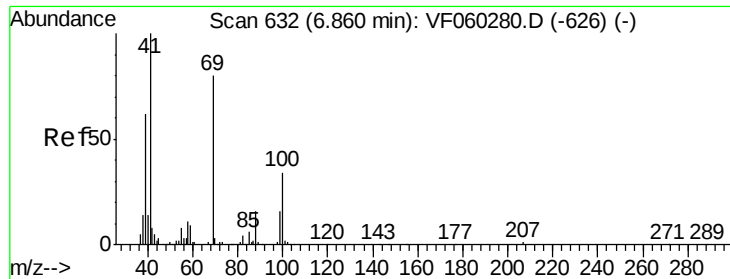
Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 33549 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 72.0  | 62.6  | 94.0  |
| 39        | 82.7  | 49.1  | 73.7# |





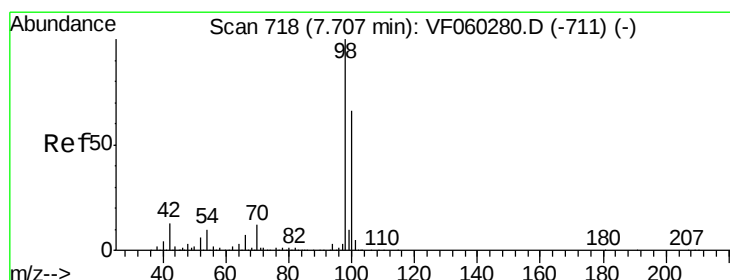
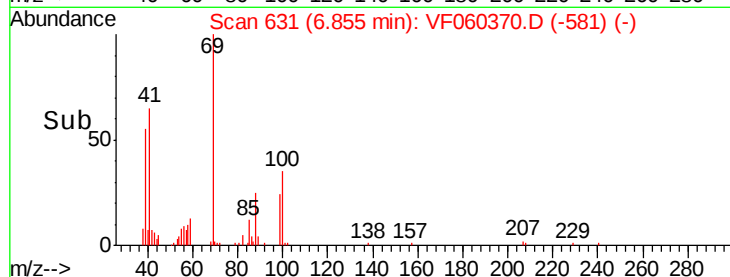
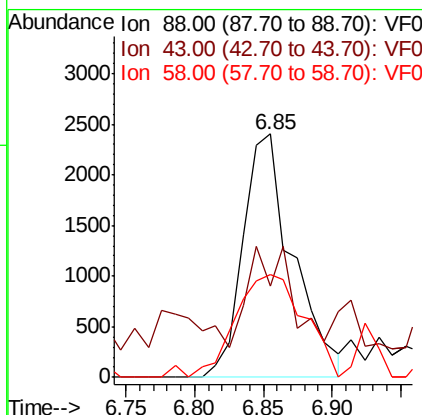
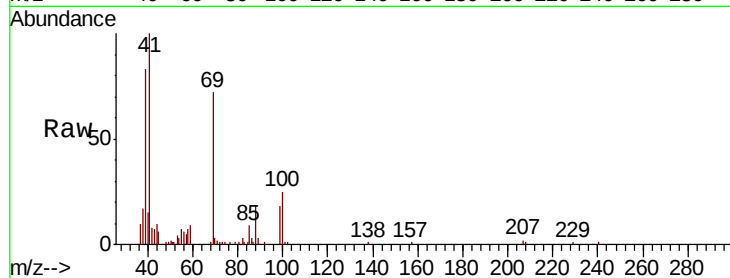
#49  
1,4-Dioxane  
Concen: 476.373 ug/l  
RT: 6.85 min Scan# 631  
Delta R.T. -0.00 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0928SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 37.6  | 40.2  | 60.4# |
| 58      | 42.1  | 56.7  | 85.1# |

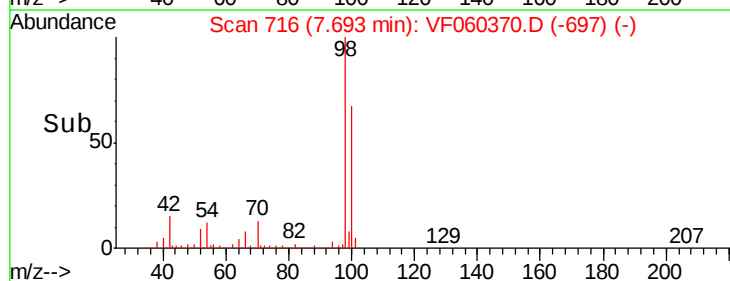
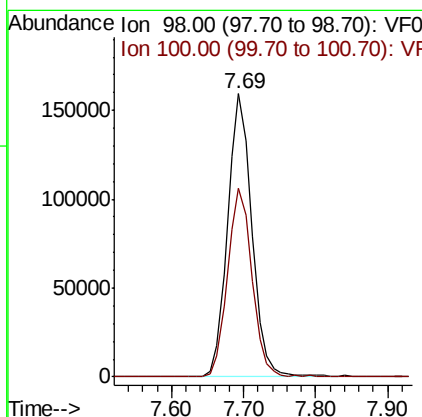
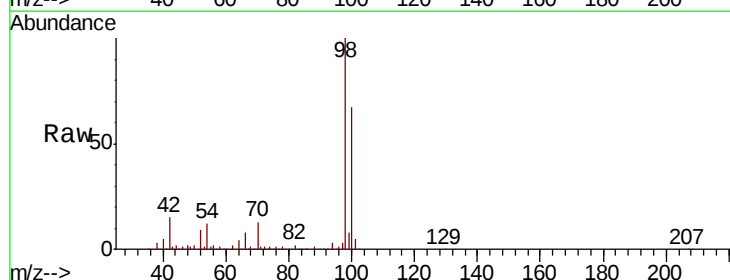
Manual Integrations  
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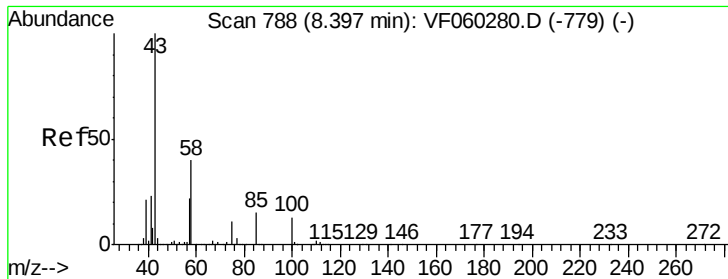
apatel  
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#50  
Toluene-d8  
Concen: 50.322 ug/l  
RT: 7.69 min Scan# 716  
Delta R.T. -0.01 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 66.6  | 53.0  | 79.6  |





#51

4-Methyl-2-Pentanone

Concen: 120.248 ug/l

RT: 8.39 min Scan# 787

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

ClientSampleId :

VF0928SBS01

Tot Ion: 43 Resp: 188183

Ion Ratio Lower Upper

43 100

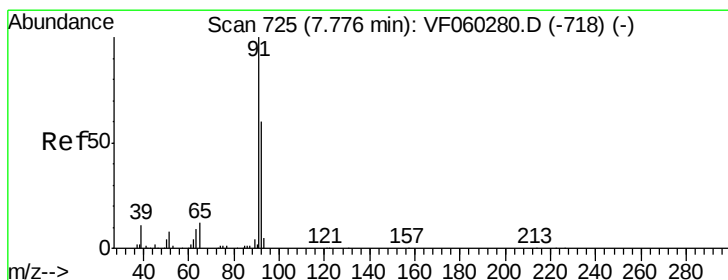
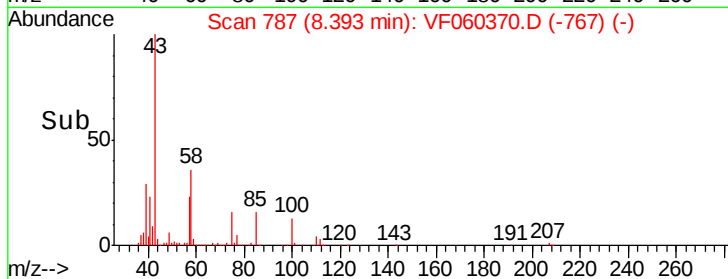
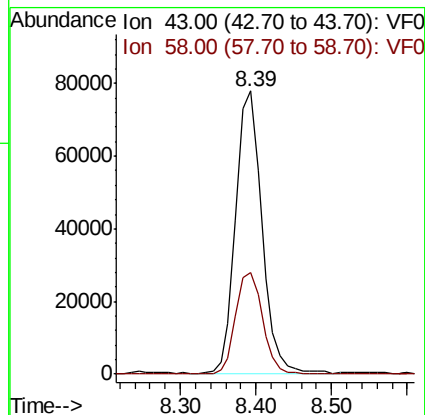
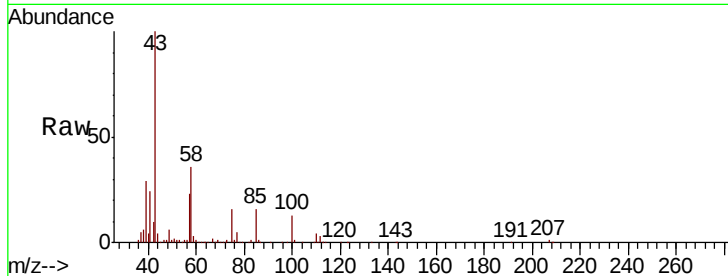
58 35.9 31.8 47.8

Manual Integrations

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#52

Toluene

Concen: 24.227 ug/l

RT: 7.76 min Scan# 723

Delta R.T. -0.01 min

Lab File: VF060370.D

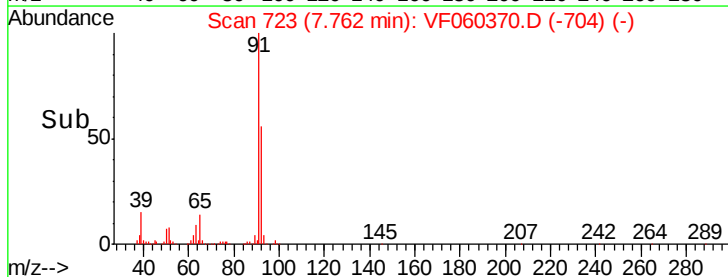
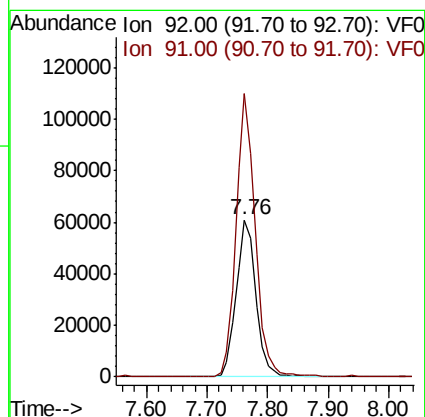
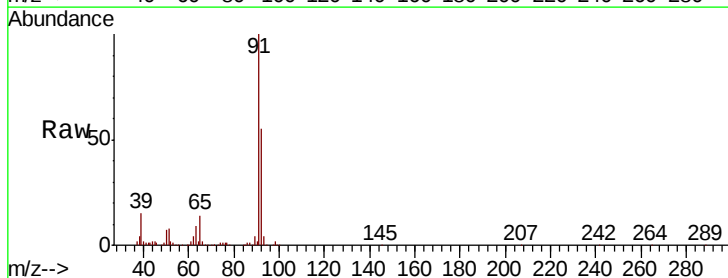
Acq: 28 Sep 2018 16:40

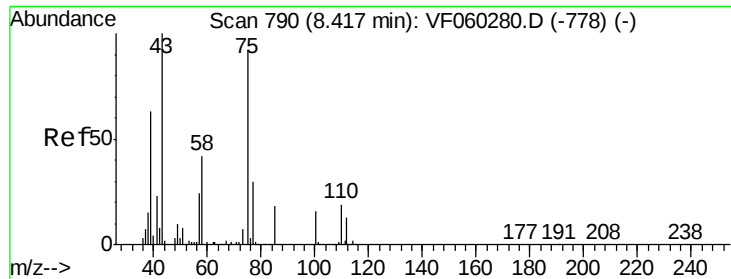
Tgt Ion: 92 Resp: 138526

Ion Ratio Lower Upper

92 100

91 180.3 133.3 199.9





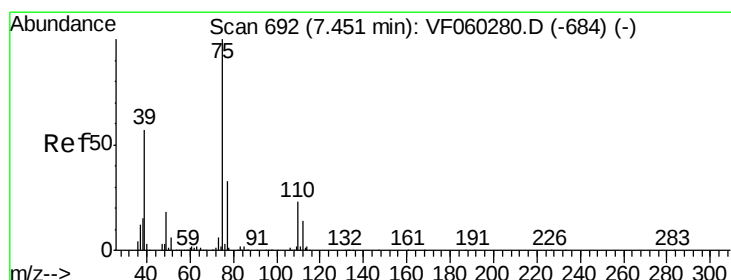
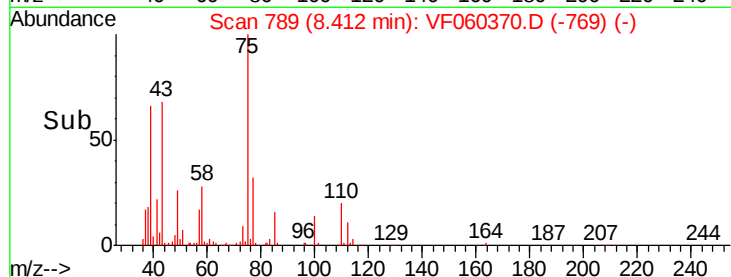
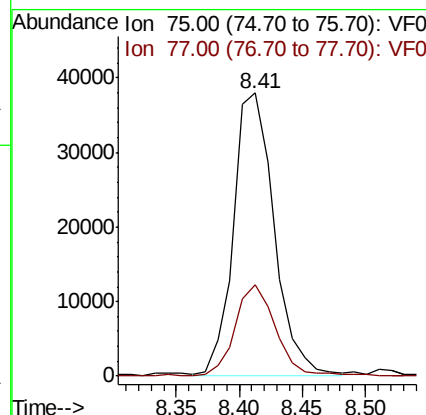
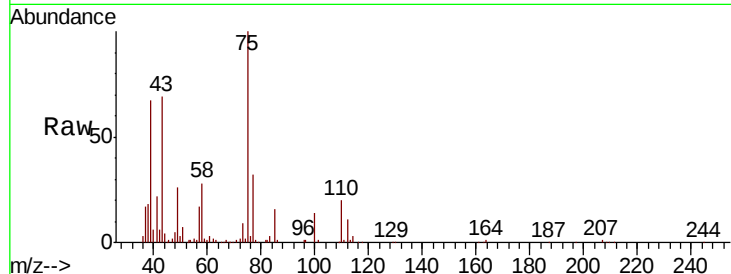
#53  
 t-1,3-Dichloropropene  
 Concen: 26.102 ug/l  
 RT: 8.41 min Scan# 789  
 Delta R.T. -0.00 min  
 Lab File: VF060370.D  
 Acq: 28 Sep 2018 16:40

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0928SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.2  | 25.9  | 38.9  |

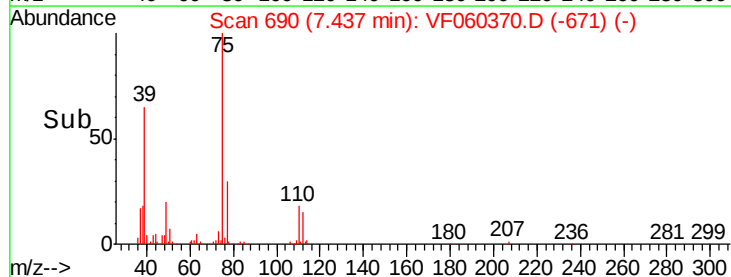
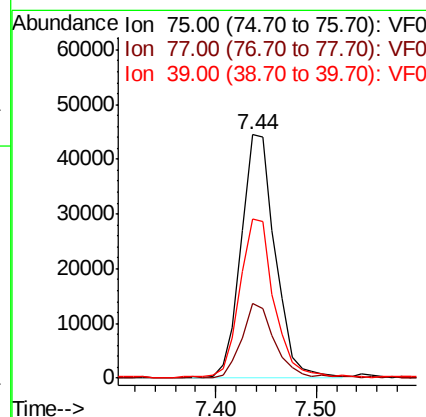
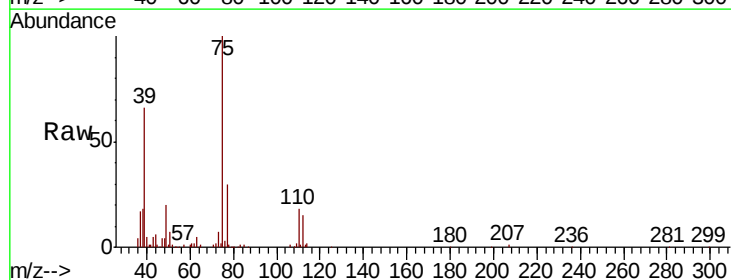
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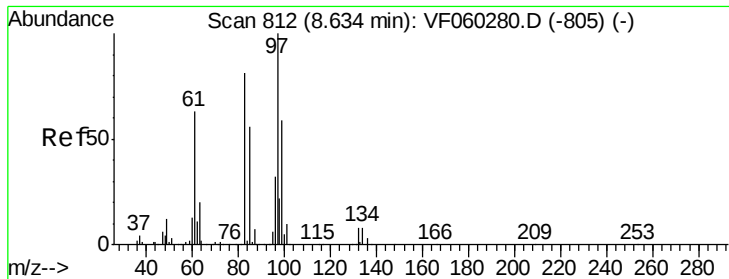
apatel  
 10/1/2018 3:03:49 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 25.689 ug/l  
 RT: 7.44 min Scan# 690  
 Delta R.T. -0.01 min  
 Lab File: VF060370.D  
 Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.4  | 26.3  | 39.5  |
| 39      | 65.6  | 46.1  | 69.1  |





#55

1,1,2-Trichloroethane

Concen: 27.762 ug/l

RT: 8.62 min Scan# 810

Delta R.T. -0.01 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

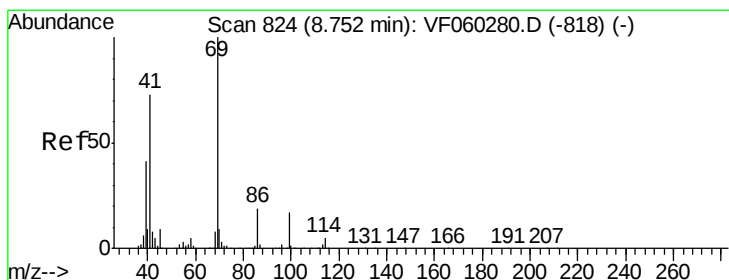
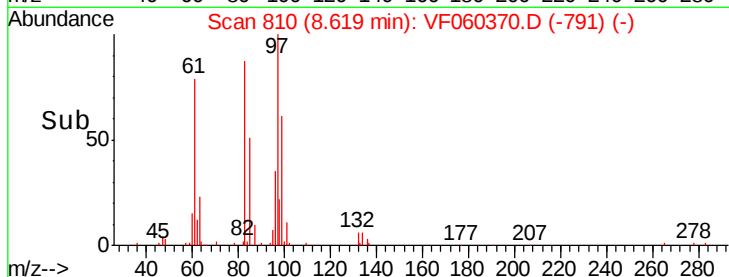
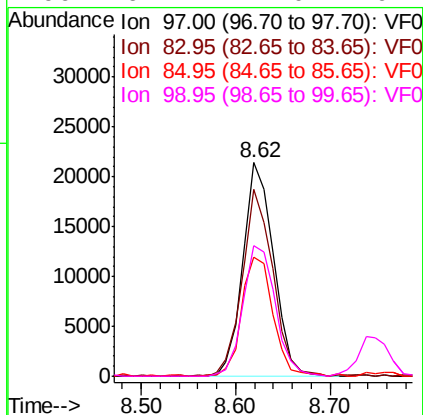
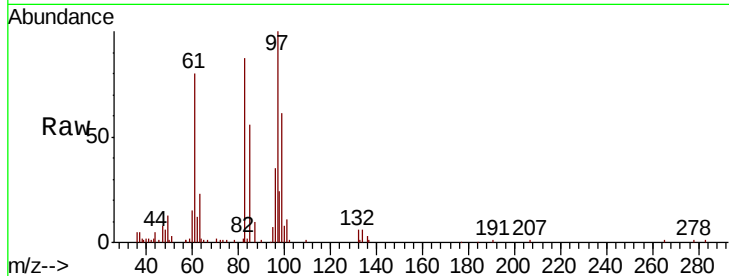
ClientSampleId :

VF0928SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 48179 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.3  | 65.3  | 97.9  |
| 85       | 55.9  | 44.7  | 67.1  |
| 99       | 61.1  | 47.0  | 70.4  |

Manual Integrations  
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#56

Ethyl methacrylate

Concen: 25.515 ug/l

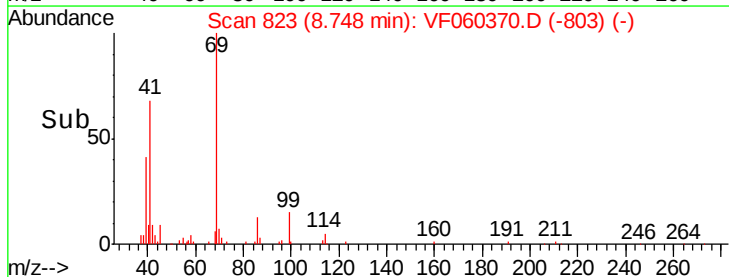
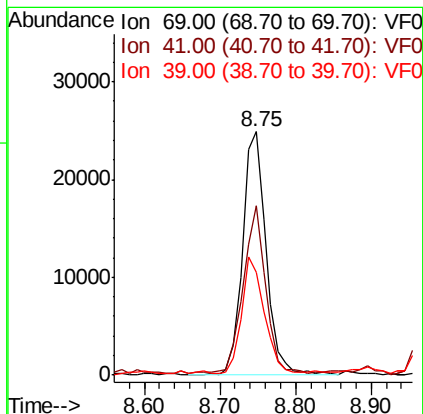
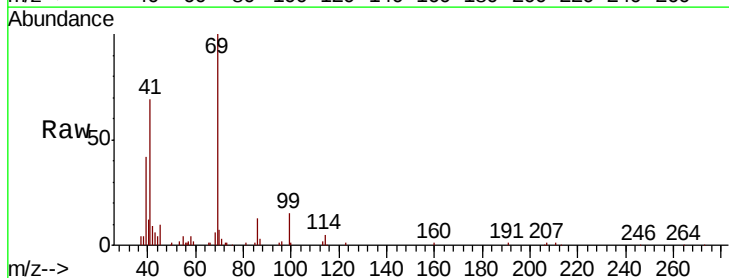
RT: 8.75 min Scan# 823

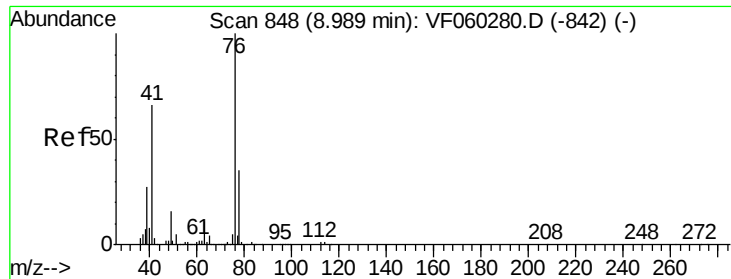
Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 53477 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 69.3  | 59.4  | 89.2  |
| 39       | 42.0  | 33.5  | 50.3  |





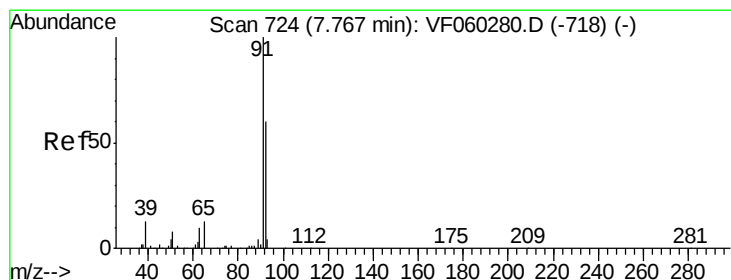
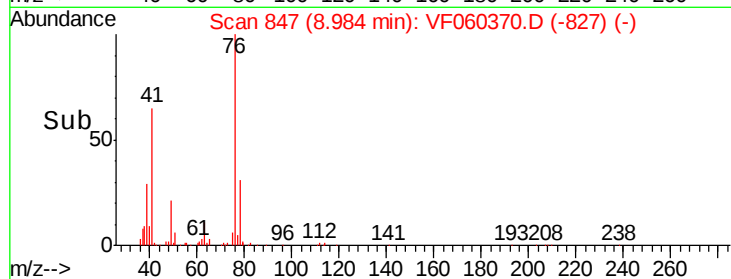
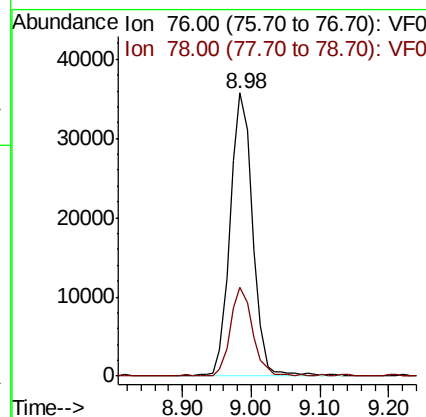
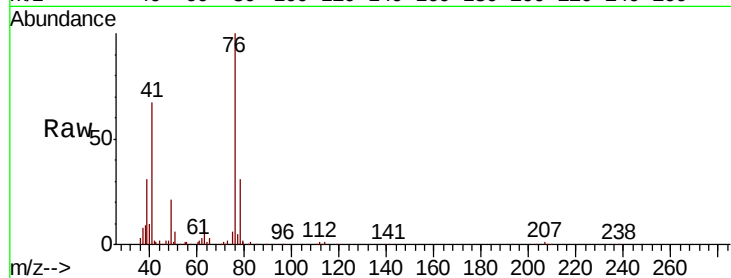
#57  
 1,3-Dichloropropane  
 Concen: 28.150 ug/l  
 RT: 8.98 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: VF060370.D  
 Acq: 28 Sep 2018 16:40

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0928SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.3  | 28.2  | 42.2  |

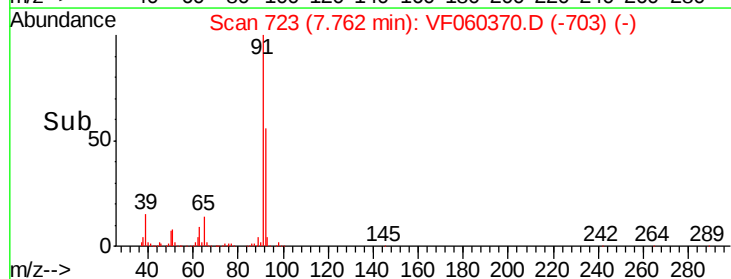
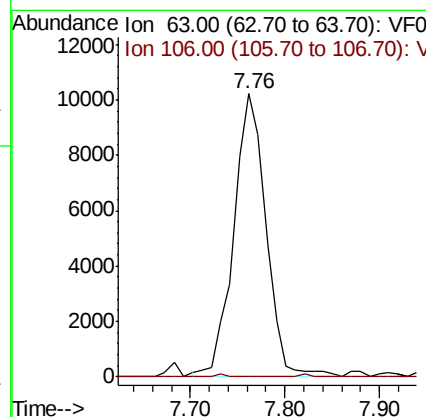
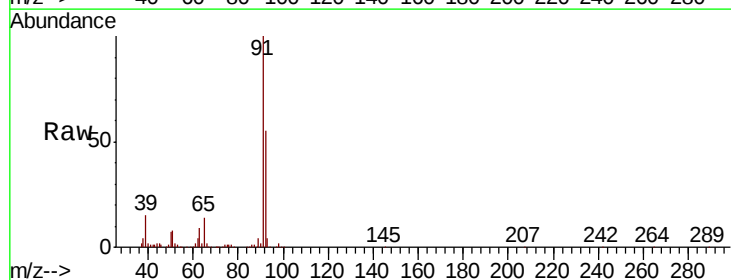
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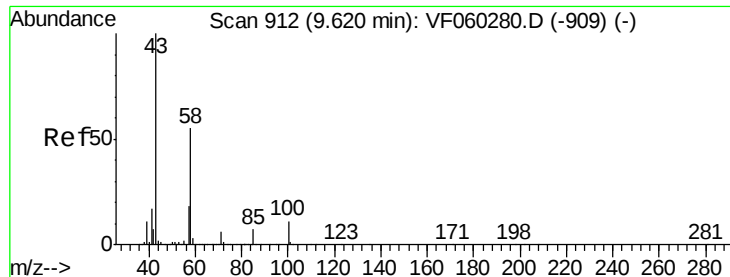
apatel  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 130.678 ug/l  
 RT: 7.76 min Scan# 723  
 Delta R.T. -0.00 min  
 Lab File: VF060370.D  
 Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 0.0   | 0.0   | 0.0   |





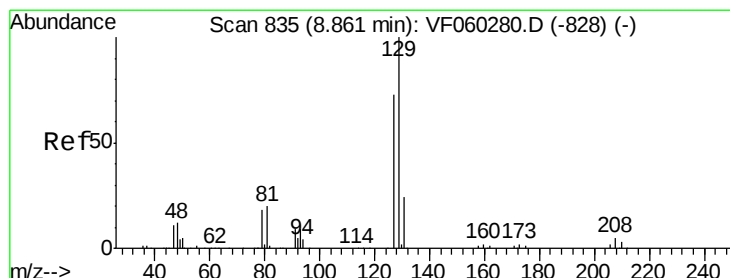
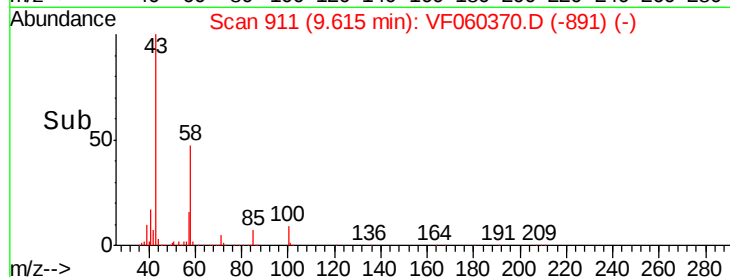
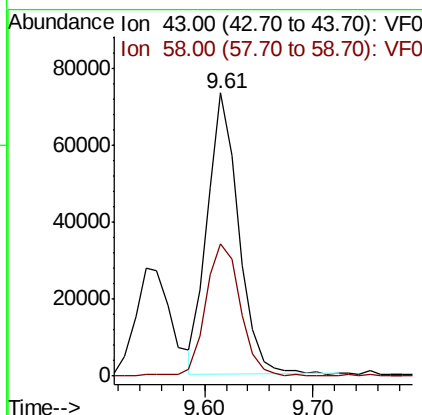
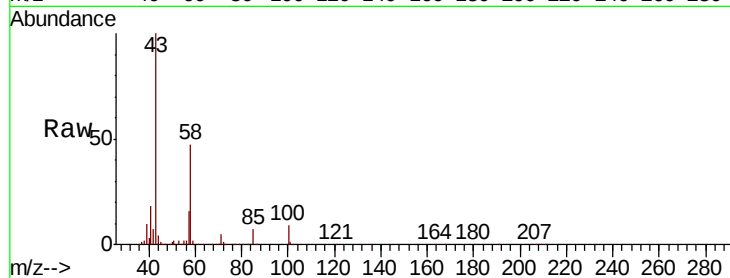
#59  
2-Hexanone  
Concen: 131.715 ug/l  
RT: 9.61 min Scan# 911  
Delta R.T. -0.00 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0928SBS01

Tot Ion: 43 Resp: 146764  
Ion Ratio Lower Upper  
43 100  
58 46.6 25.9 77.6

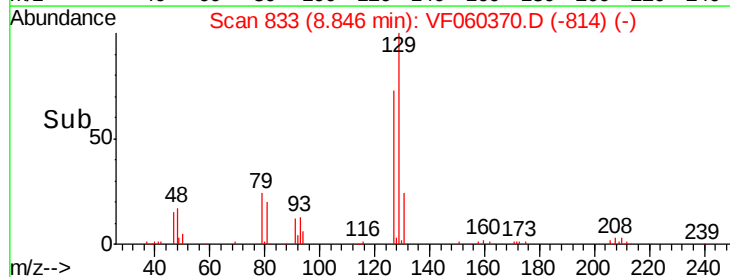
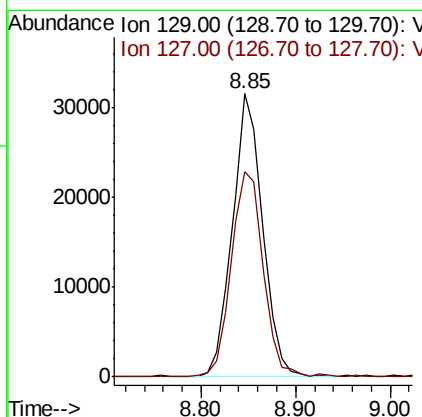
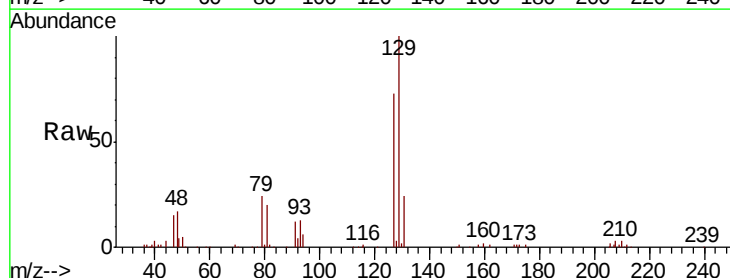
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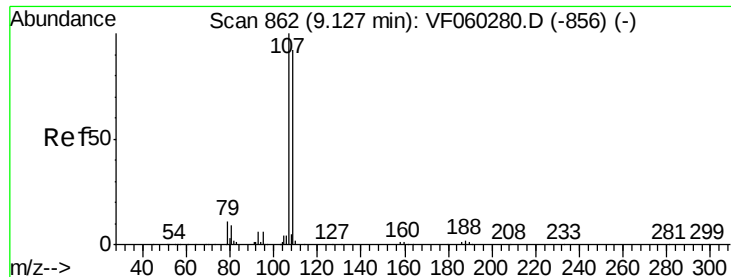
apatel  
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#60  
Dibromochloromethane  
Concen: 26.895 ug/l  
RT: 8.85 min Scan# 833  
Delta R.T. -0.01 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

Tgt Ion: 129 Resp: 69567  
Ion Ratio Lower Upper  
129 100  
127 72.5 36.6 109.8





#61

1,2-Dibromoethane

Concen: 26.488 ug/l

RT: 9.12 min Scan# 861

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

ClientSampleId :

VF0928SBS01

Tot Ion: 107 Resp: 51189

Ion Ratio Lower Upper

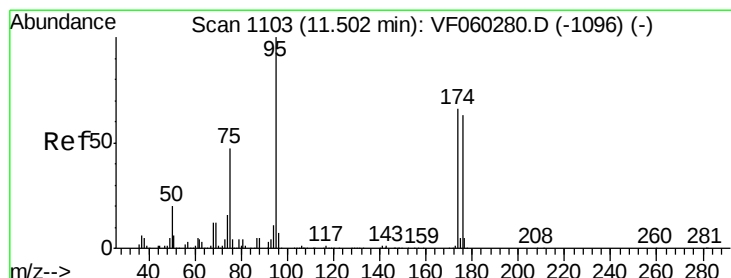
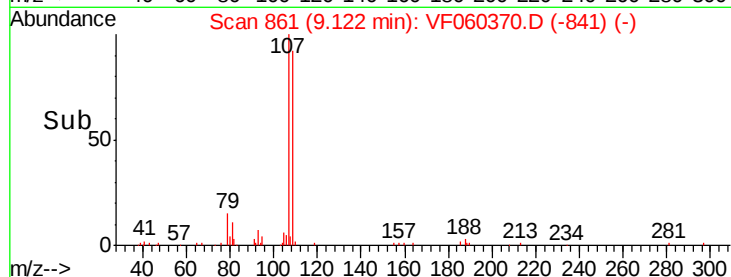
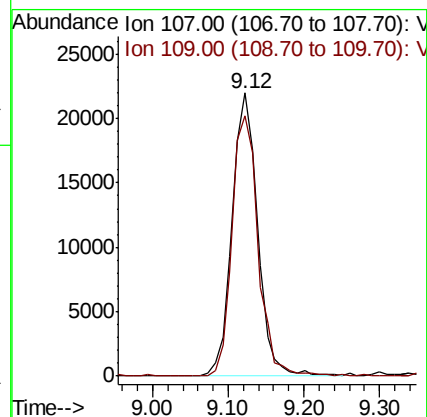
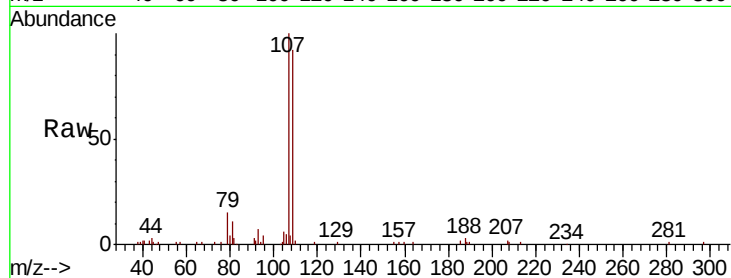
107 100

109 91.9 73.2 109.8

Manual Integrations  
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#62

4-Bromofluorobenzene

Concen: 56.463 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

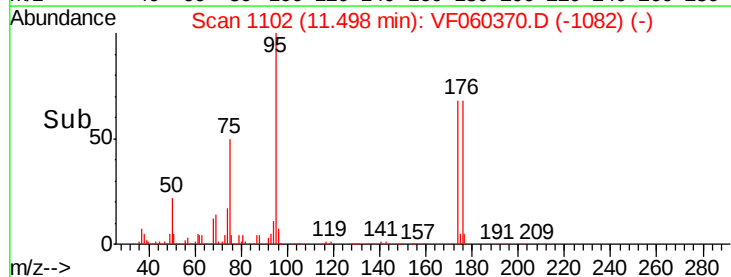
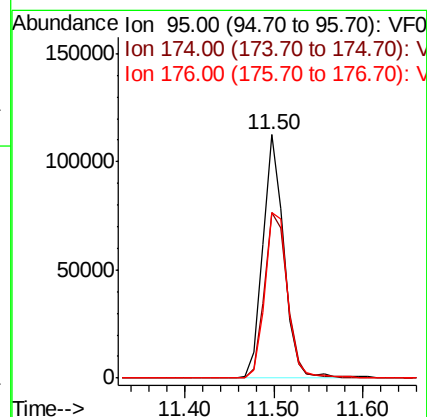
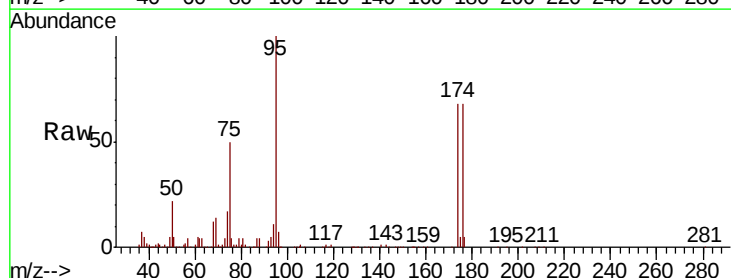
Tgt Ion: 95 Resp: 181063

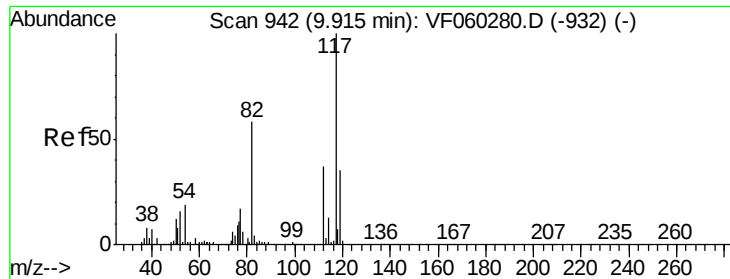
Ion Ratio Lower Upper

95 100

174 68.1 0.0 131.2

176 67.9 0.0 126.6





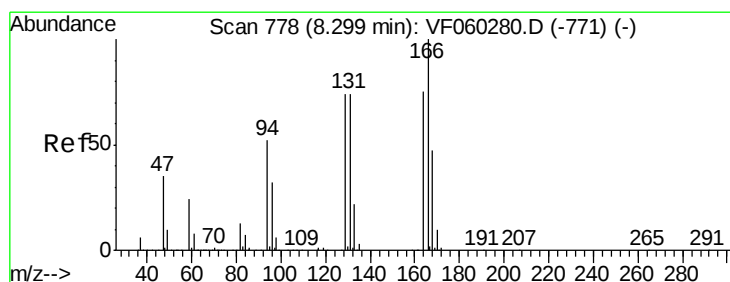
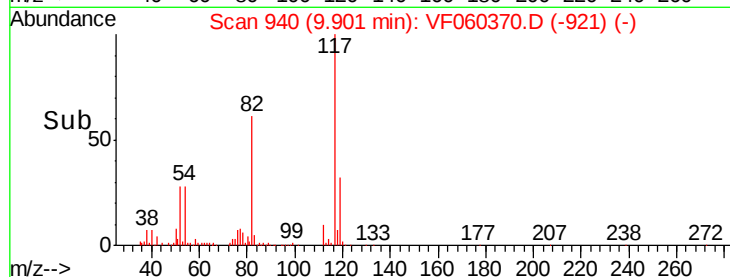
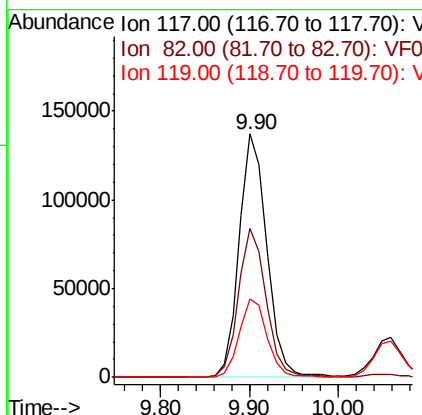
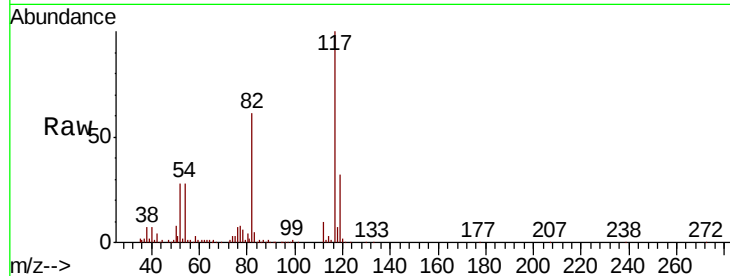
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.90 min Scan# 940  
Delta R.T. -0.01 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0928SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 296657 |       |       |
| 82      | 61.0  |        | 46.2  | 69.2  |
| 119     | 32.4  |        | 27.8  | 41.6  |

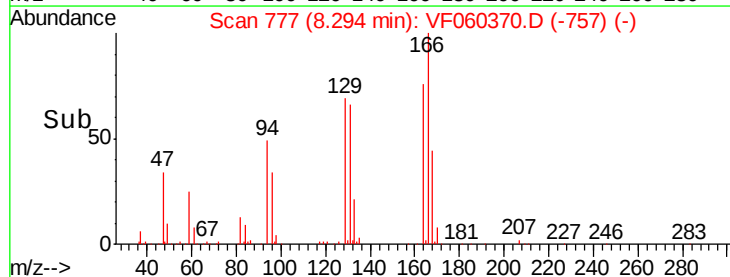
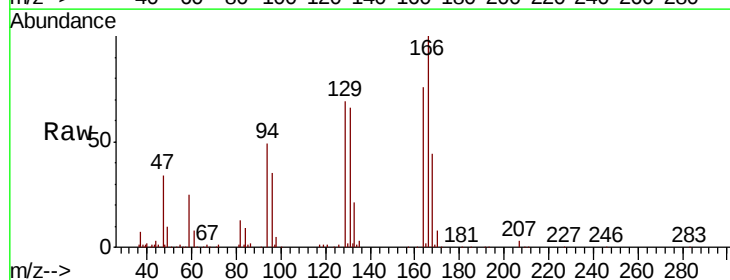
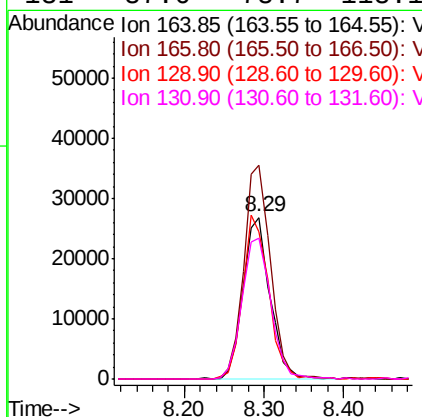
Manual Integrations  
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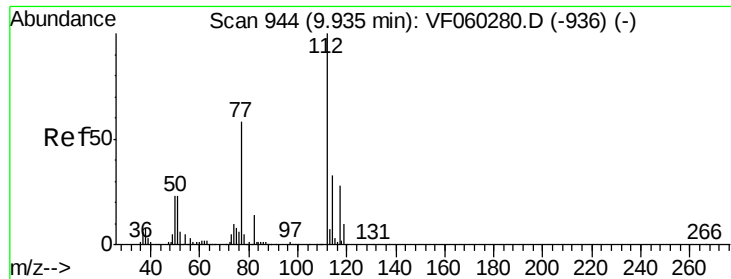
apatel  
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#64  
Tetrachloroethene  
Concen: 23.111 ug/l  
RT: 8.29 min Scan# 777  
Delta R.T. -0.00 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 62153 |       |       |
| 166     | 132.4 |       | 106.8 | 160.2 |
| 129     | 91.5  |       | 78.8  | 118.2 |
| 131     | 87.6  |       | 78.7  | 118.1 |





#65

Chlorobenzene

Concen: 24.667 ug/l

RT: 9.93 min Scan# 943

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

ClientSampleId :

VF0928SBS01

Tot Ion:112 Resp: 165849

Ion Ratio Lower Upper

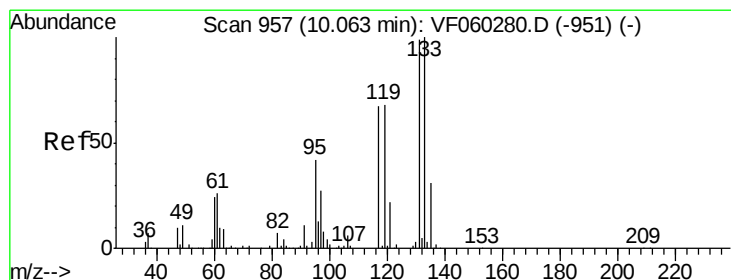
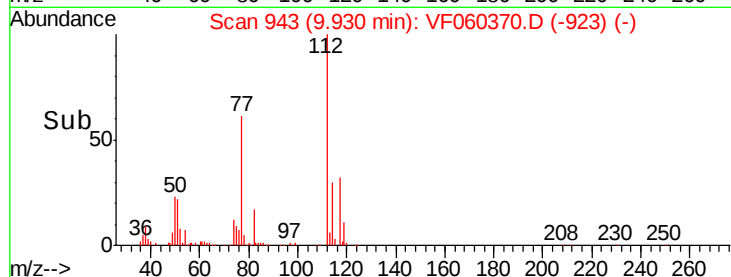
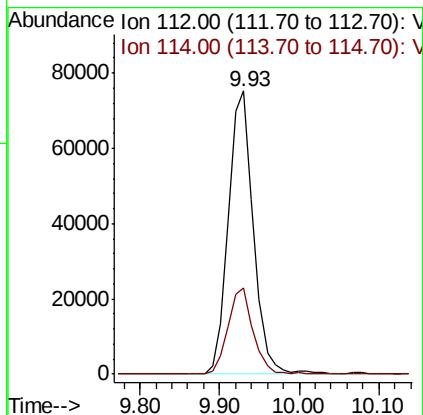
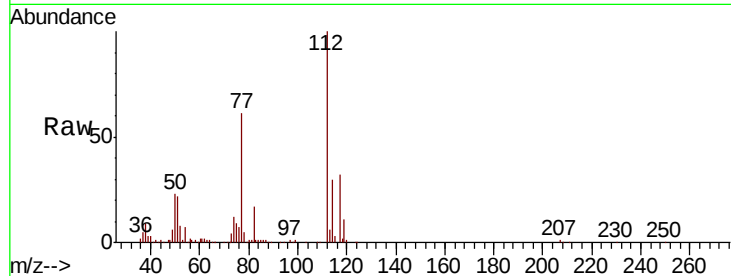
112 100

114 30.3 26.6 40.0

Manual Integrations  
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#66

1,1,1,2-Tetrachloroethane

Concen: 25.701 ug/l

RT: 10.06 min Scan# 956

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

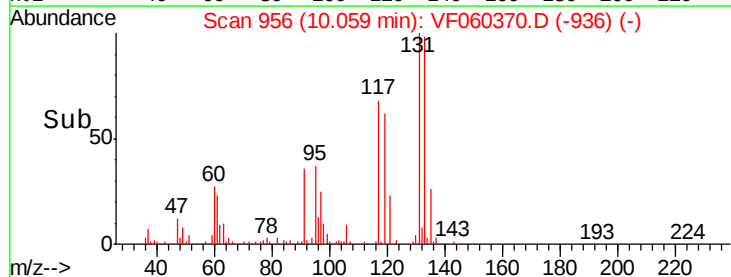
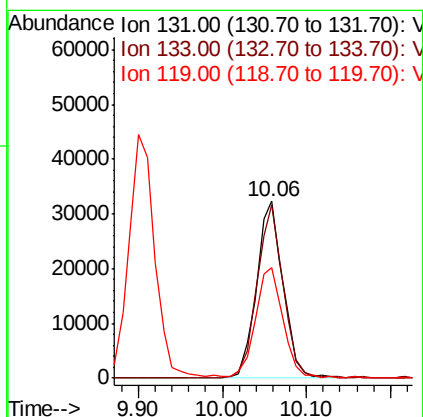
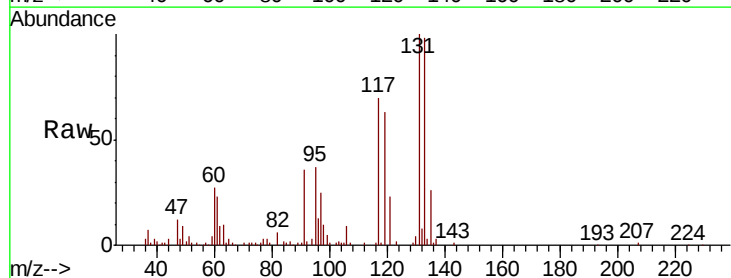
Tgt Ion:131 Resp: 71713

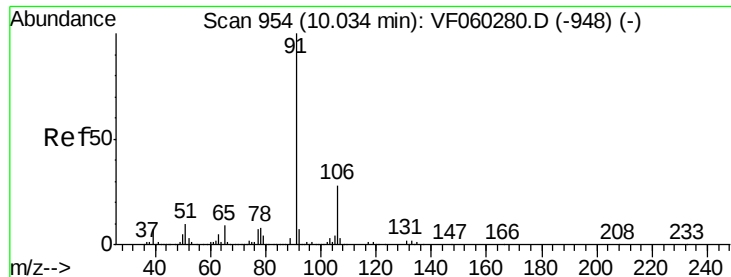
Ion Ratio Lower Upper

131 100

133 97.8 50.4 151.2

119 62.9 34.8 104.3





#67

Ethyl Benzene

Concen: 25.726 ug/l

RT: 10.03 min Scan# 953

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

ClientSampleId :

VF0928SBS01

Tot Ion: 91 Resp: 319819

Ion Ratio Lower Upper

91 100

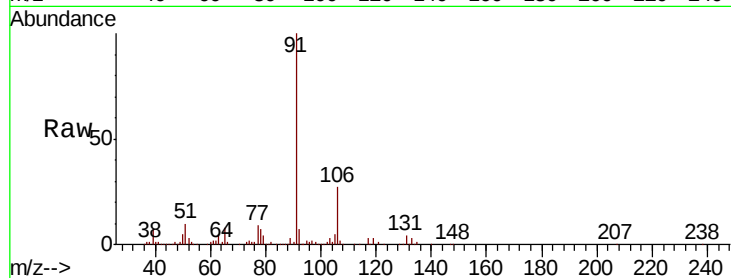
106 26.7 22.7 34.1

Manual Integrations

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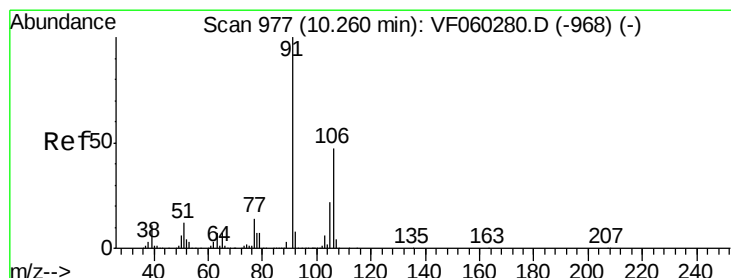
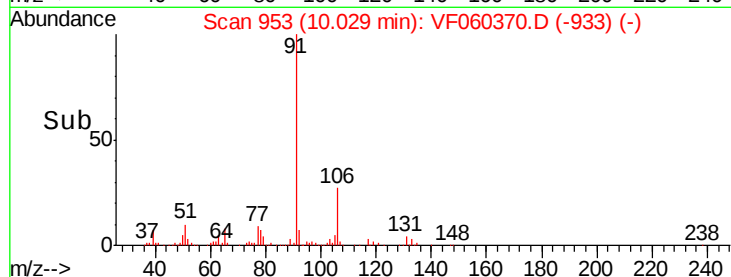
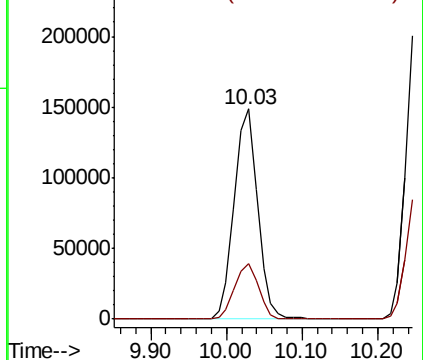
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 50.439 ug/l

RT: 10.26 min Scan# 976

Delta R.T. -0.00 min

Lab File: VF060370.D

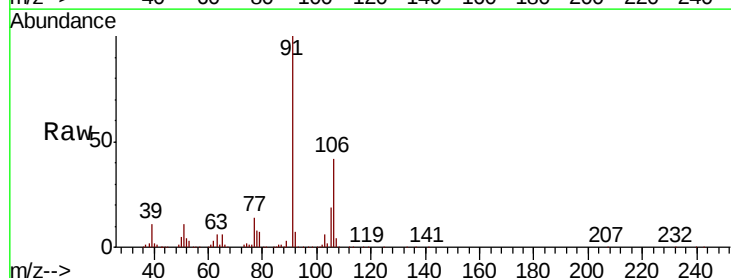
Acq: 28 Sep 2018 16:40

Tgt Ion: 106 Resp: 216633

Ion Ratio Lower Upper

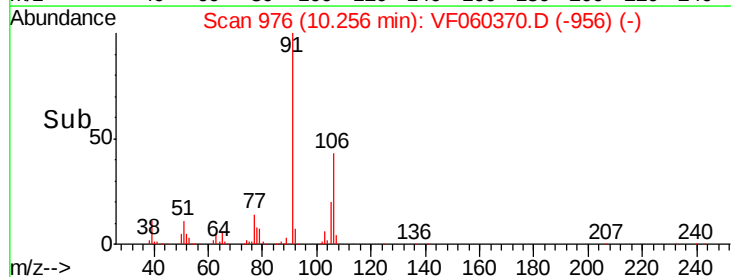
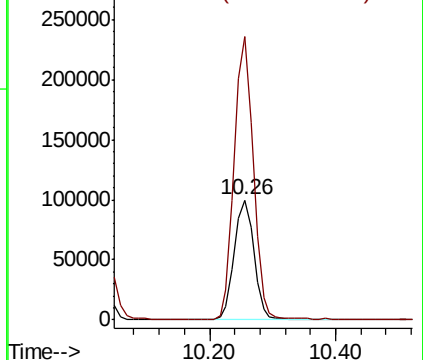
106 100

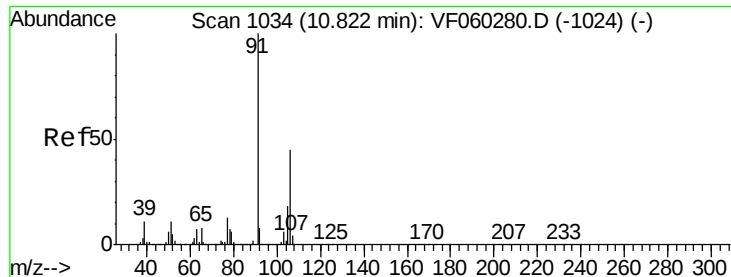
91 236.1 172.3 258.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0





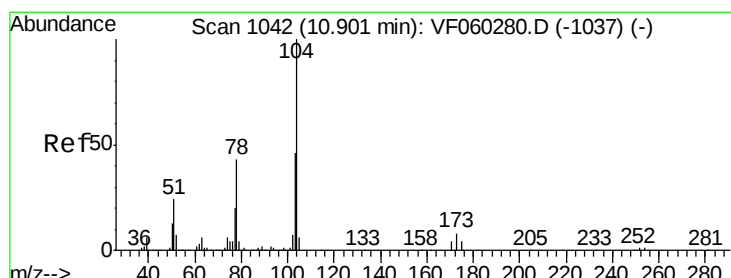
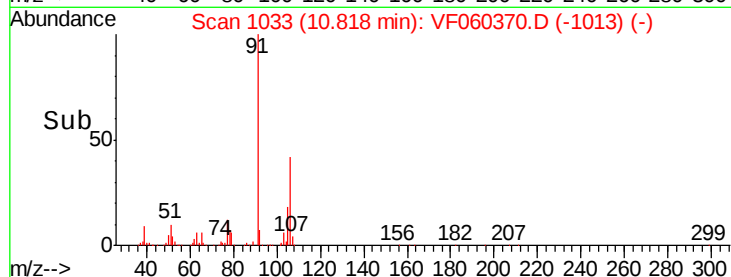
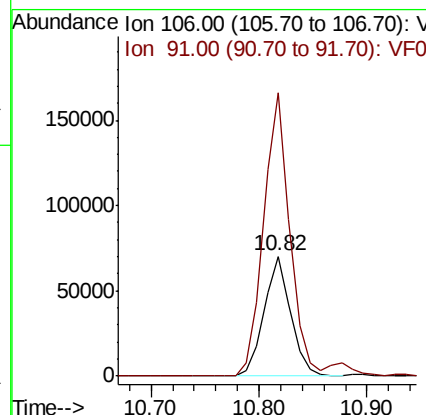
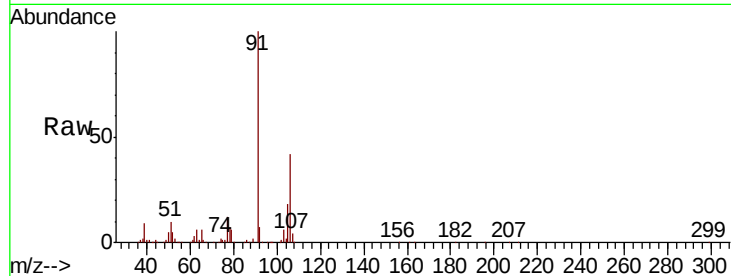
#69  
o-Xylene  
Concen: 24.992 ug/l  
RT: 10.82 min Scan# 1033  
Delta R.T. -0.00 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0928SBS01

Tot Ion:106 Resp: 120396  
Ion Ratio Lower Upper  
106 100  
91 235.7 110.9 332.6

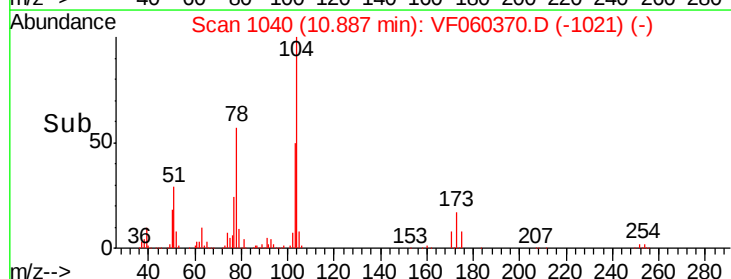
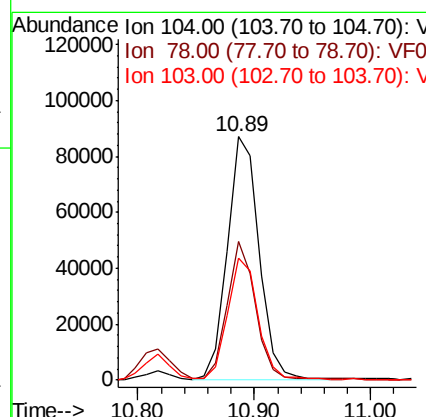
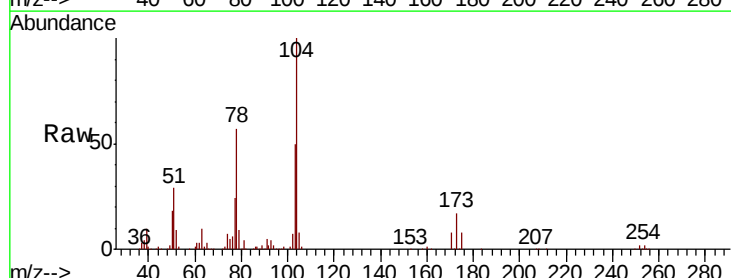
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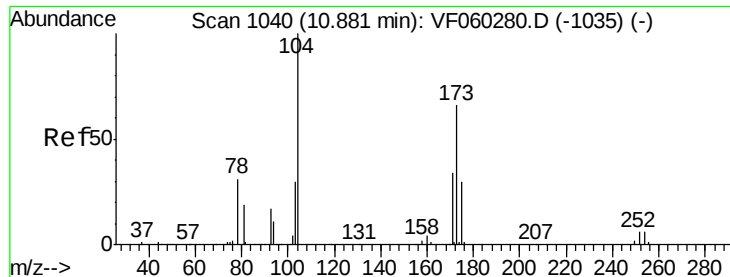
apatel  
10/1/2018 3:03:49 PM



#70  
Styrene  
Concen: 24.066 ug/l  
RT: 10.89 min Scan# 1040  
Delta R.T. -0.01 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

Tgt Ion:104 Resp: 163496  
Ion Ratio Lower Upper  
104 100  
78 56.8 35.0 52.6#  
103 50.0 37.4 56.0





#71

Bromoform

Concen: 23.650 ug/l

RT: 10.88 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

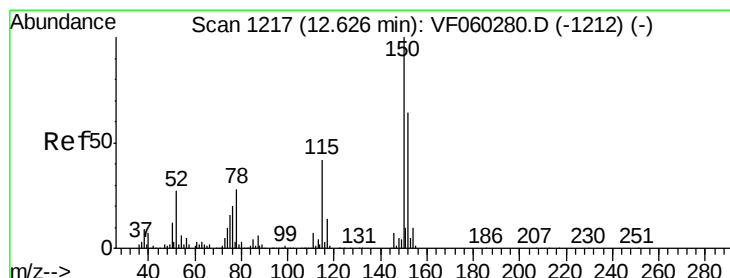
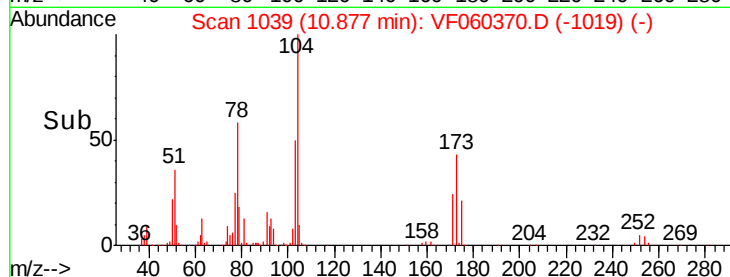
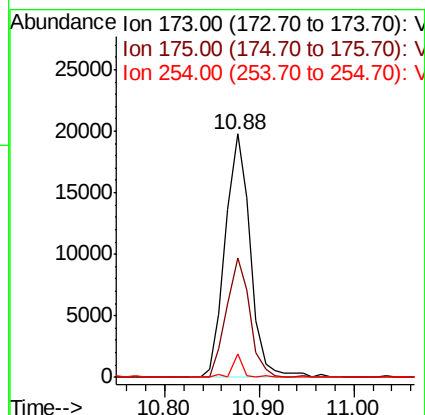
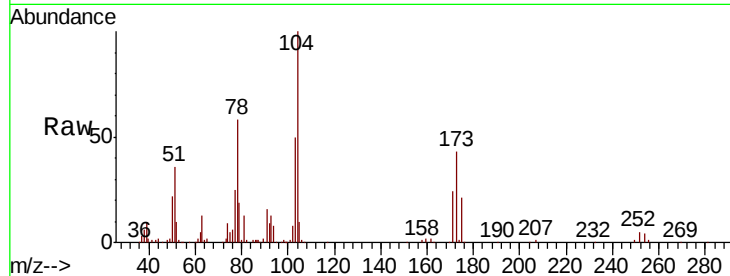
ClientSampleId :

VF0928SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.8  | 22.3  | 66.9  |
| 254     | 9.6   | 0.0   | 0.0#  |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

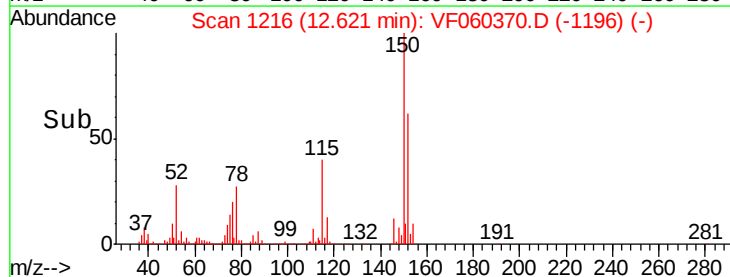
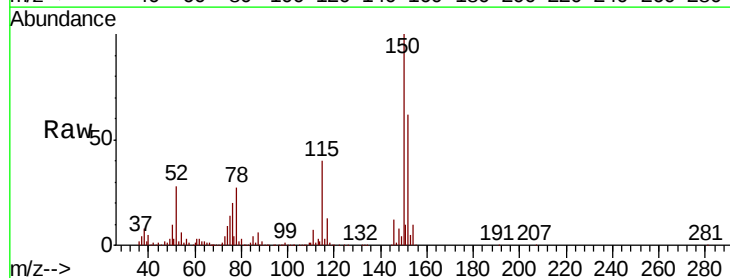
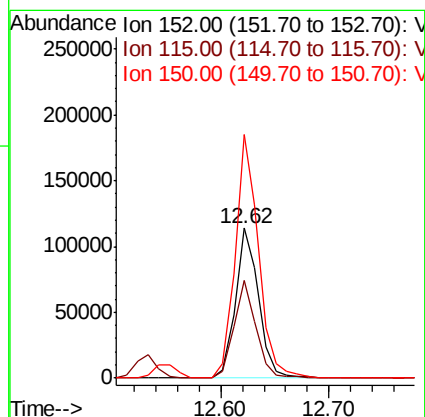
RT: 12.62 min Scan# 1216

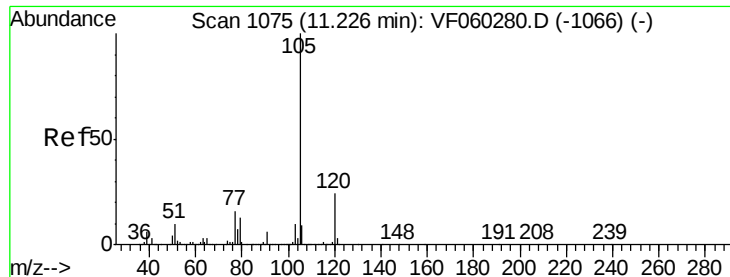
Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 65.4  | 32.6  | 97.8  |
| 150     | 162.3 | 0.0   | 314.2 |





#73

Isopropylbenzene

Concen: 24.576 ug/l

RT: 11.22 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

ClientSampleId :

VF0928SBS01

Tot Ion:105 Resp: 374143

Ion Ratio Lower Upper

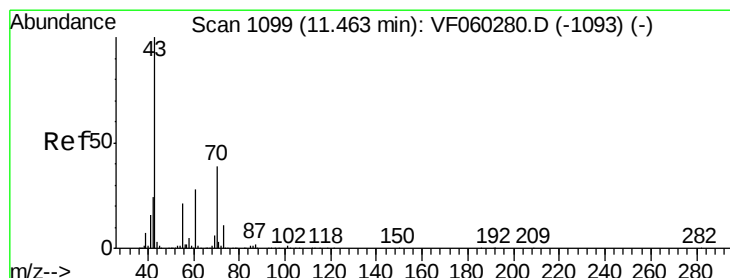
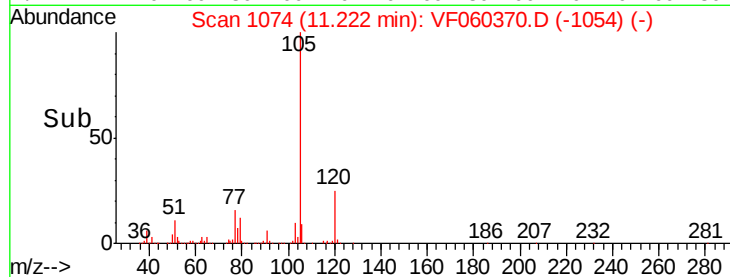
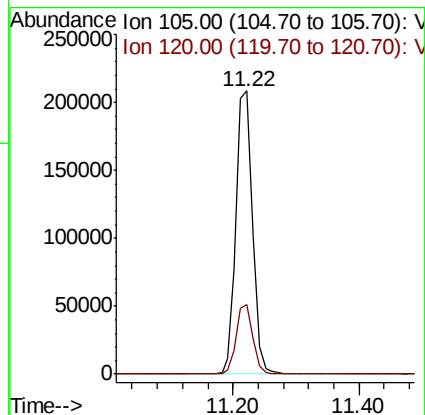
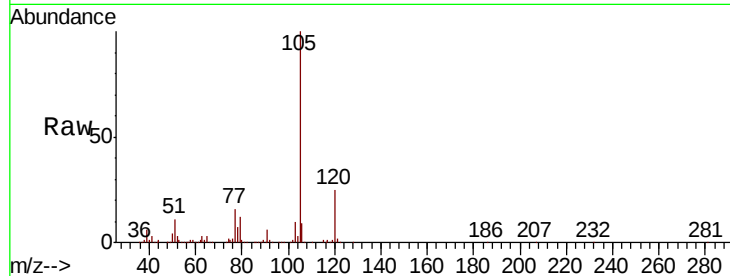
105 100

120 24.7 12.2 36.6

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#74

N-ethyl acetate

Concen: 21.608 ug/l

RT: 11.45 min Scan# 1097

Delta R.T. -0.01 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Tgt Ion: 43 Resp: 70149

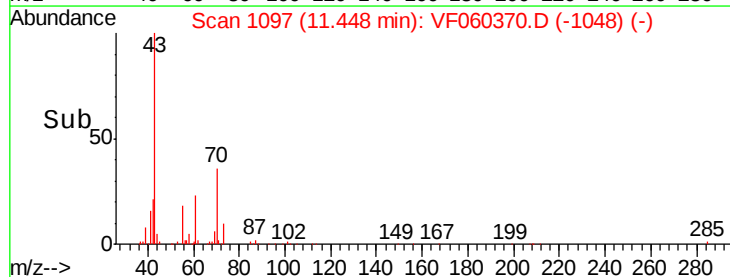
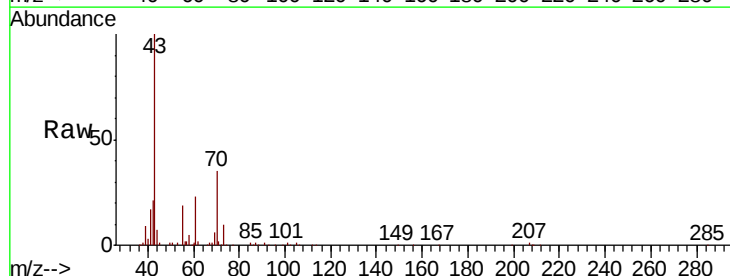
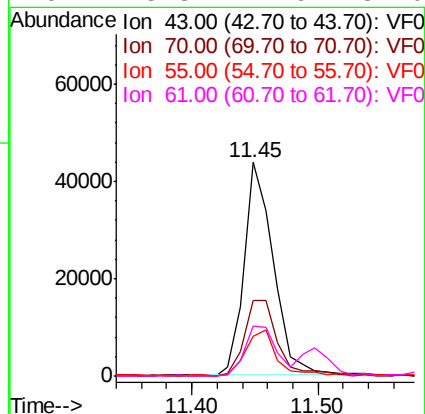
Ion Ratio Lower Upper

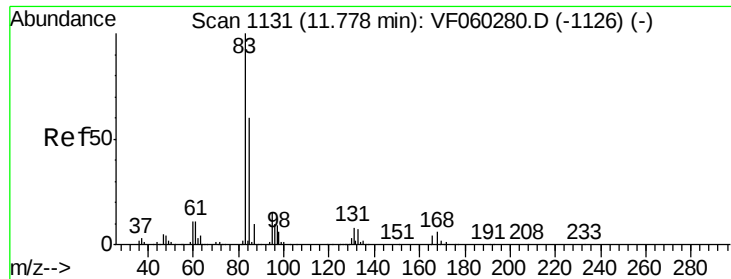
43 100

70 35.5 31.4 47.2

55 18.5 16.8 25.2

61 23.3 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 25.663 ug/l

RT: 11.77 min Scan# 1130

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

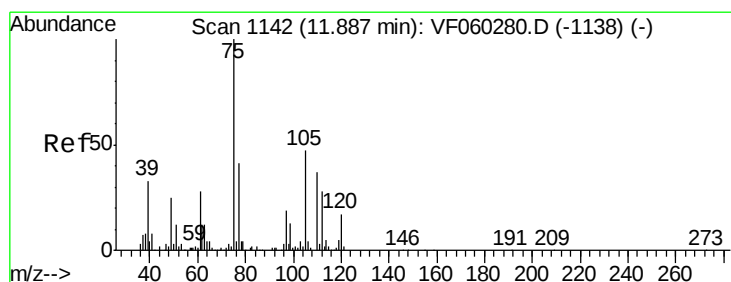
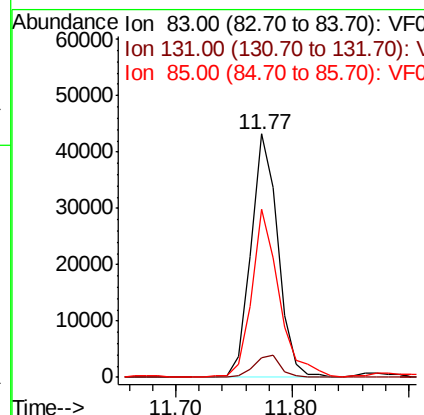
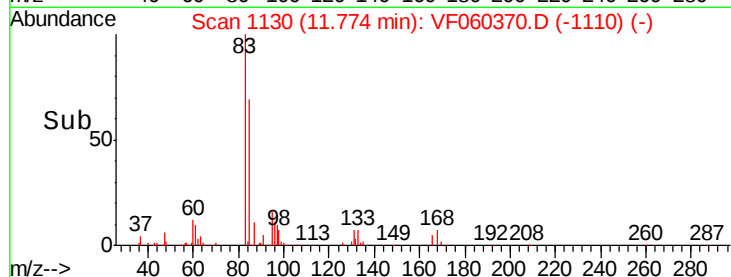
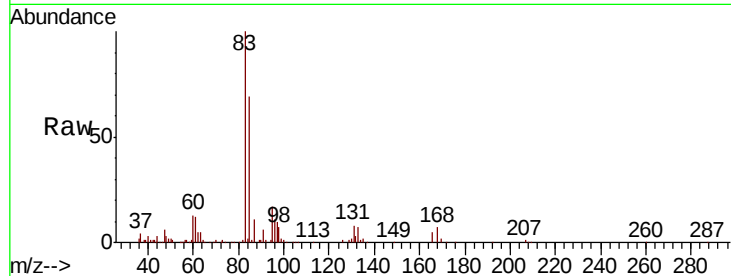
ClientSampleId :

VF0928SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 69240 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 7.8   | 4.2   | 12.4  |
| 85        | 68.8  | 30.1  | 90.5  |

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#76

1,2,3-Trichloropropane

Concen: 25.386 ug/l

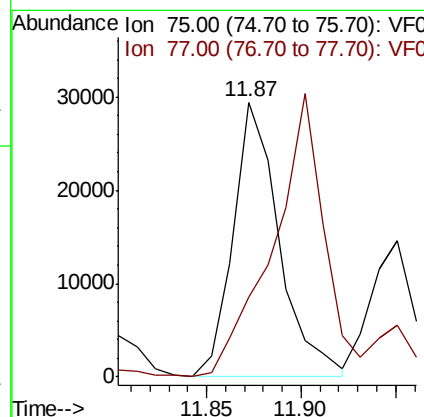
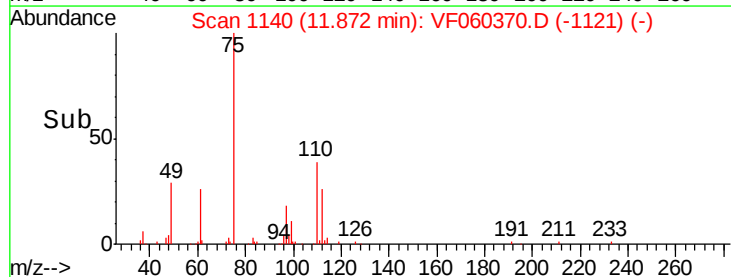
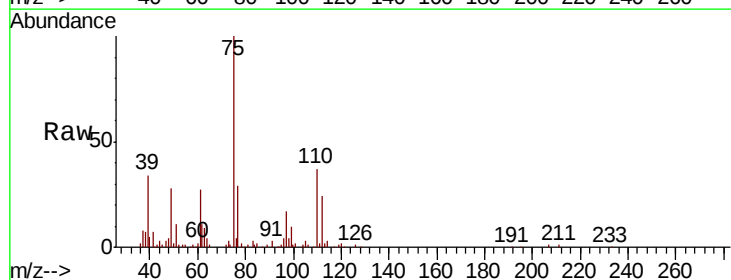
RT: 11.87 min Scan# 1140

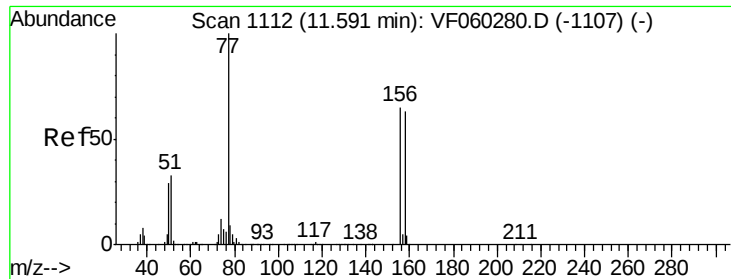
Delta R.T. -0.01 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 49041 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 29.0  | 20.5  | 61.5  |





#77

Bromobenzene

Concen: 22.846 ug/l

RT: 11.59 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

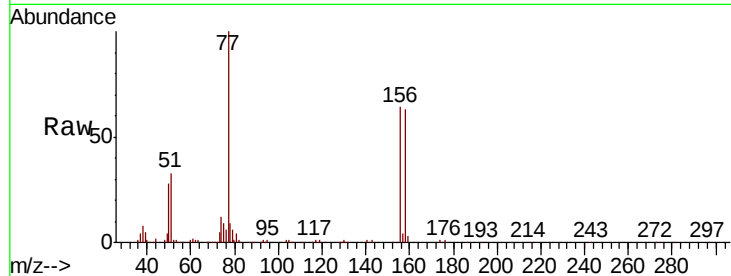
ClientSampleId :

VF0928SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 74955 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 155.5 | 77.3  | 232.1 |
| 158       | 97.5  | 48.4  | 145.2 |

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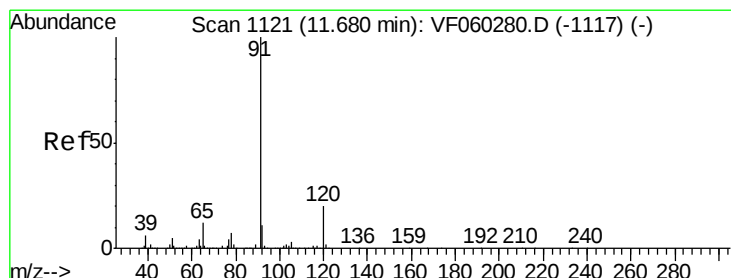
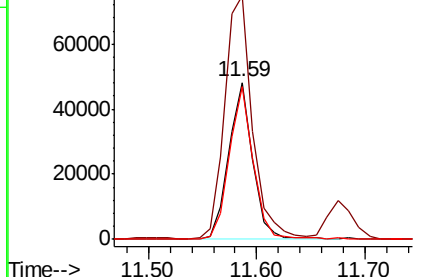
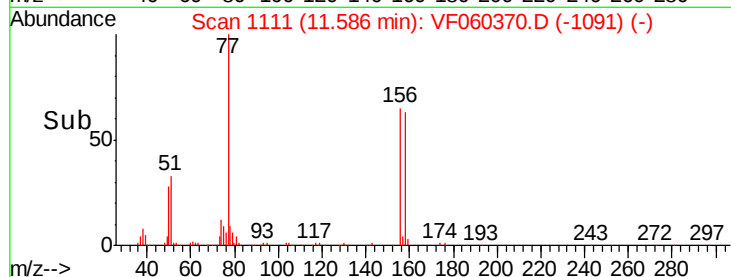
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 24.726 ug/l

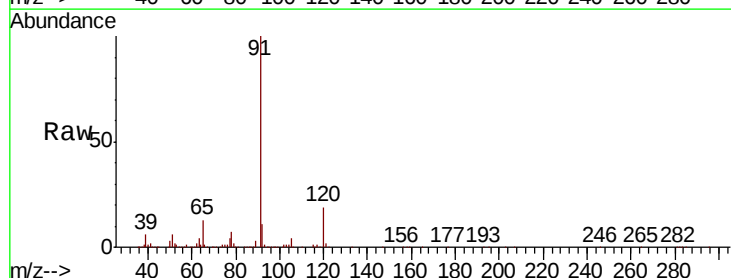
RT: 11.68 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VF060370.D

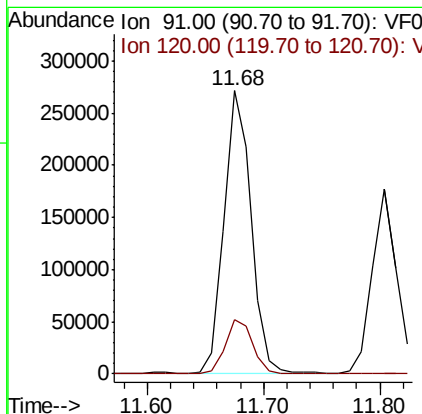
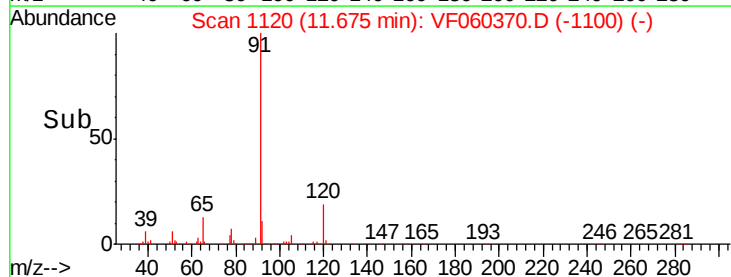
Acq: 28 Sep 2018 16:40

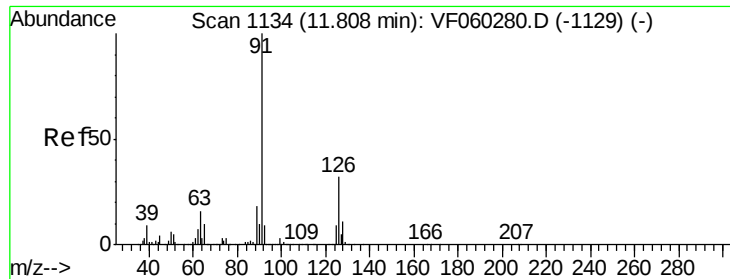
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 434276 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 19.3  | 10.0  | 29.8   |



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 25.218 ug/l

RT: 11.80 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

ClientSampleId :

VF0928SBS01

Tot Ion: 91 Resp: 258975

Ion Ratio Lower Upper

91 100

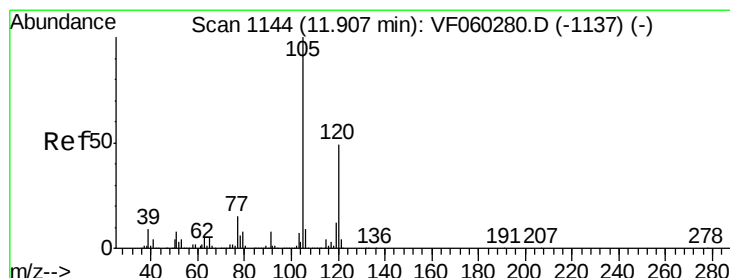
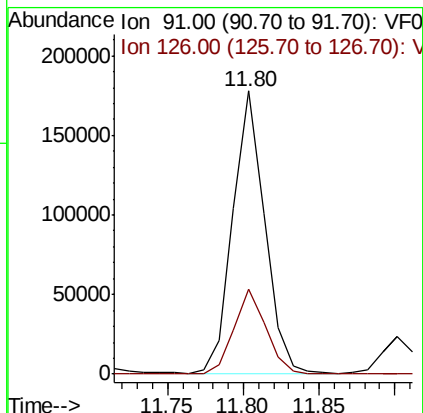
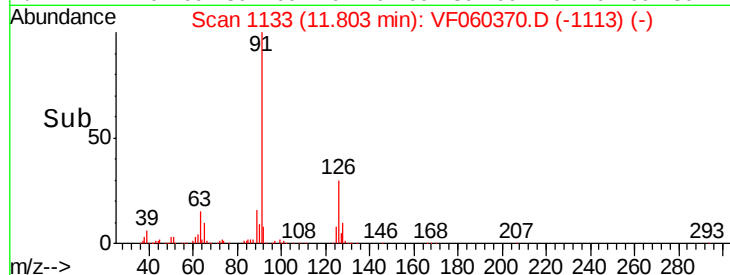
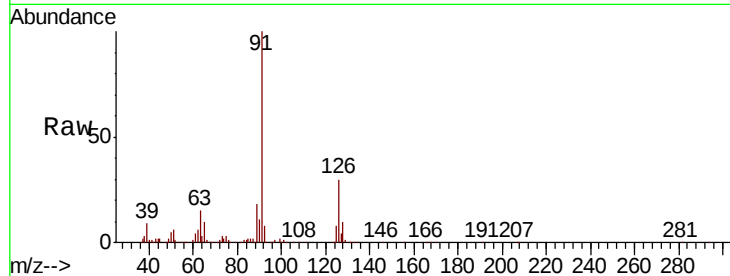
126 29.9 16.1 48.3

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#80

1,3,5-Trimethylbenzene

Concen: 24.866 ug/l

RT: 11.90 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VF060370.D

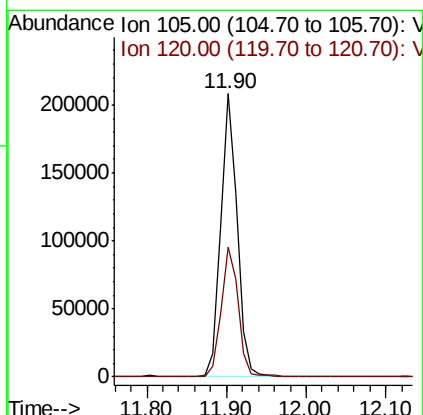
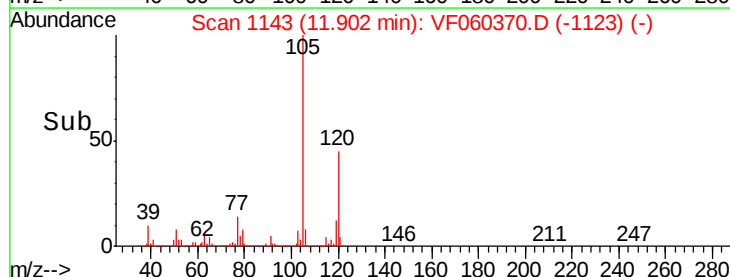
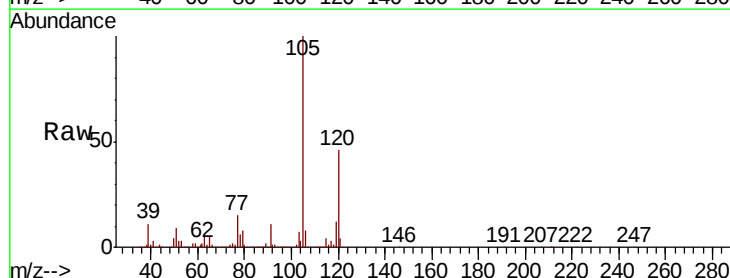
Acq: 28 Sep 2018 16:40

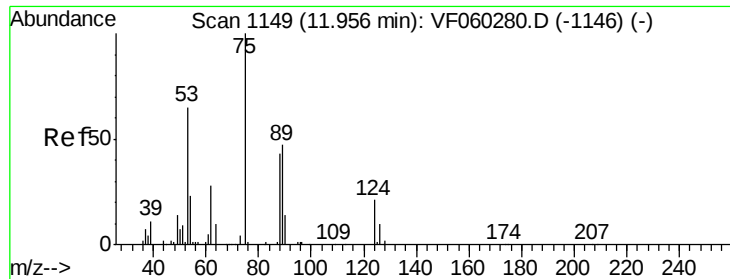
Tgt Ion: 105 Resp: 304721

Ion Ratio Lower Upper

105 100

120 46.0 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 24.184 ug/l m

RT: 11.95 min Scan# 1148

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

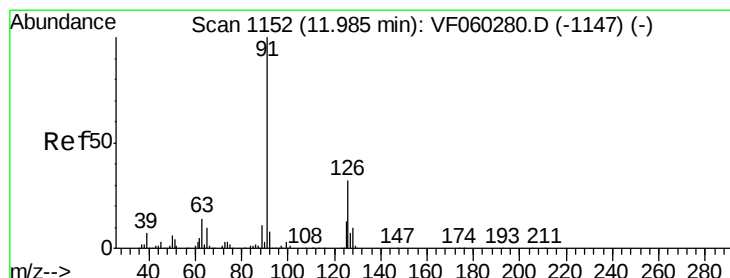
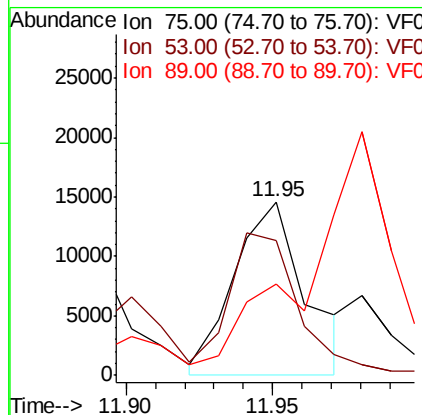
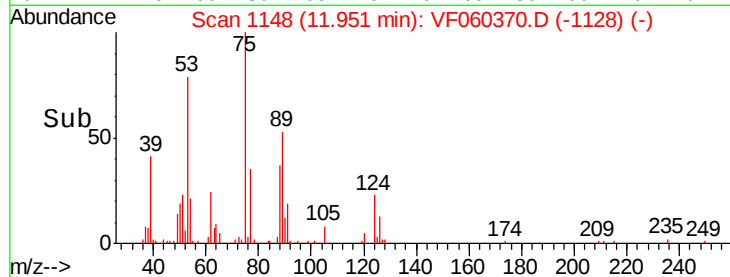
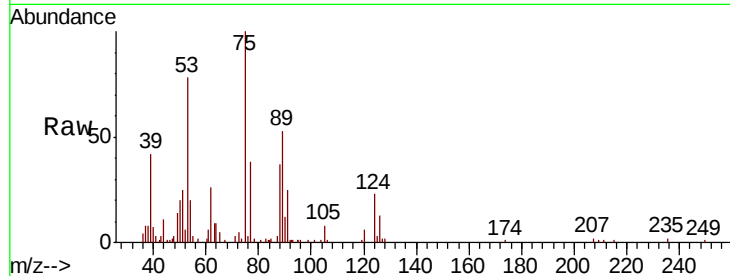
ClientSampleId :

VF0928SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 24690 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 78.1  | 56.5  | 84.7  |
| 89        | 52.6  | 40.6  | 60.8  |

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#82

4-Chlorotoluene

Concen: 24.956 ug/l

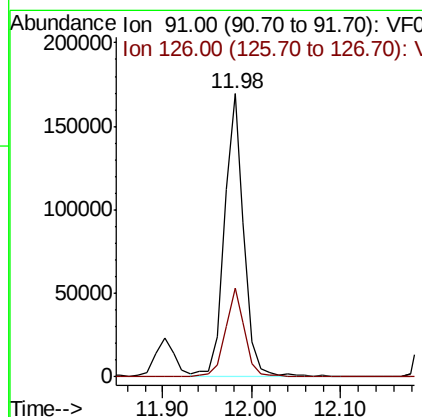
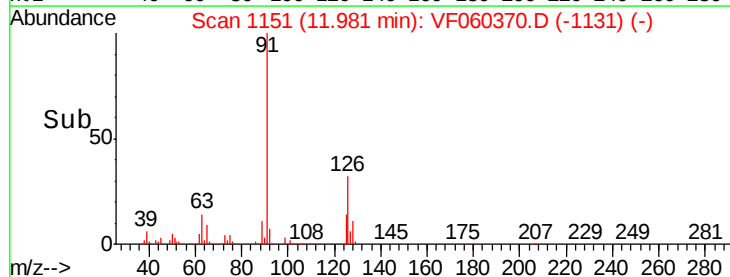
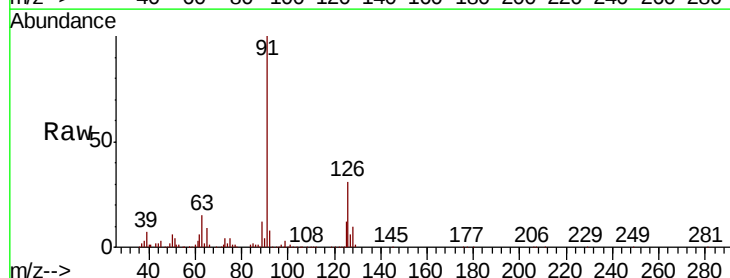
RT: 11.98 min Scan# 1151

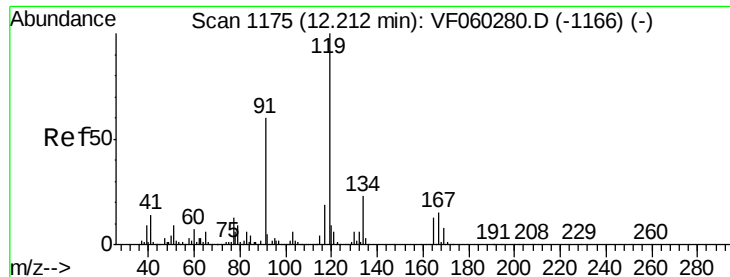
Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 257594 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 31.3  | 16.1  | 48.2   |





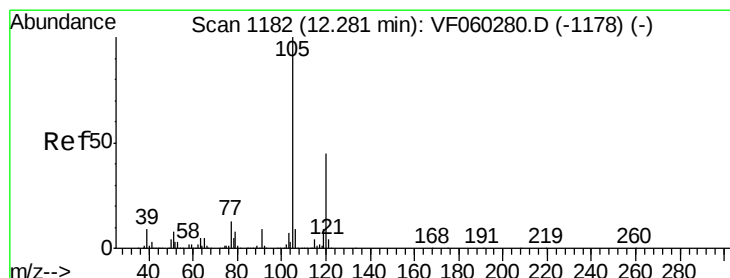
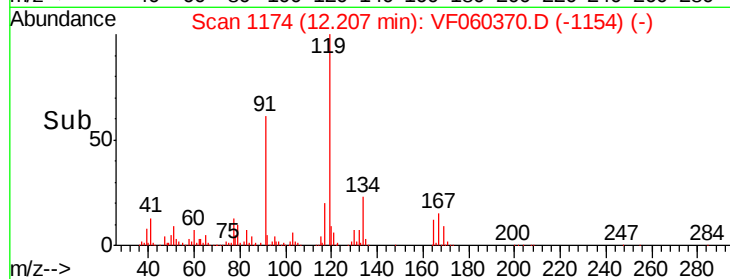
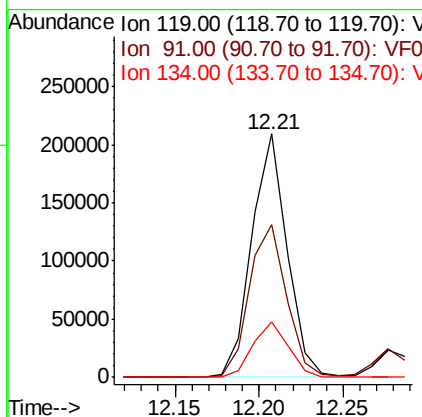
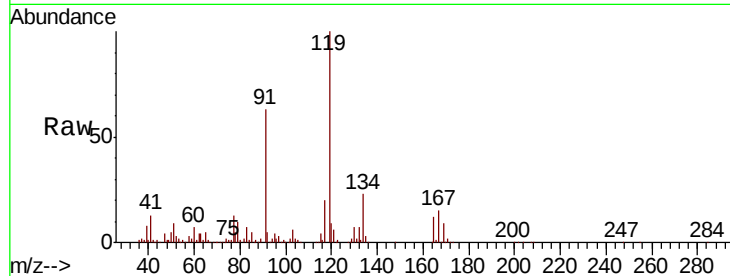
#83  
tert-Butylbenzene  
Concen: 24.603 ug/l  
RT: 12.21 min Scan# 1174  
Delta R.T. -0.00 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0928SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 305638 |       |       |
| 91      | 62.9  | 30.3   | 91.0  |       |
| 134     | 22.9  | 11.6   | 34.8  |       |

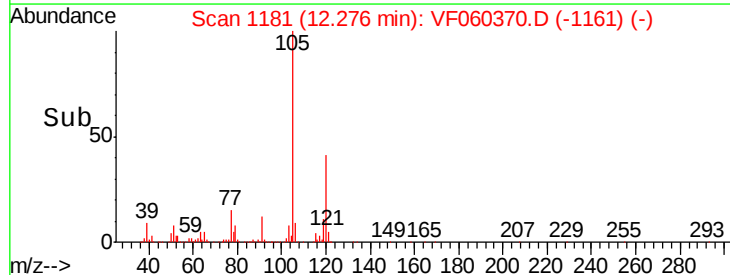
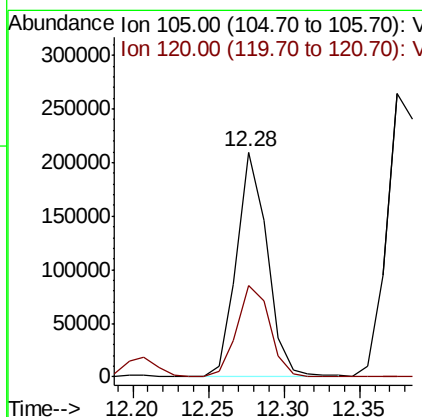
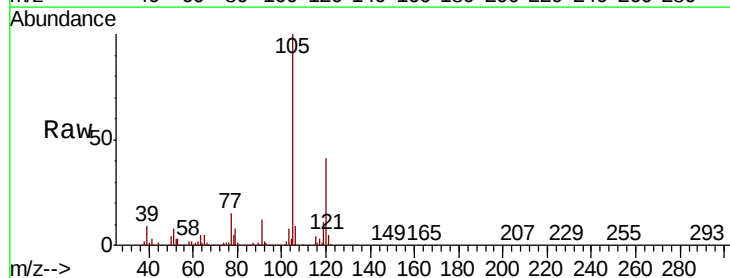
Manual Integrations  
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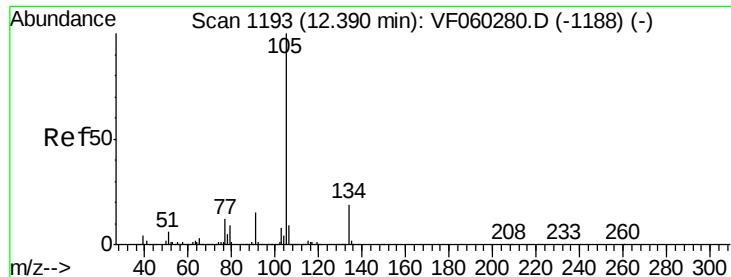
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#84  
1,2,4-Trimethylbenzene  
Concen: 23.885 ug/l  
RT: 12.28 min Scan# 1181  
Delta R.T. -0.00 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 297224 |       |       |
| 120     | 40.9  | 22.4   | 67.0  |       |





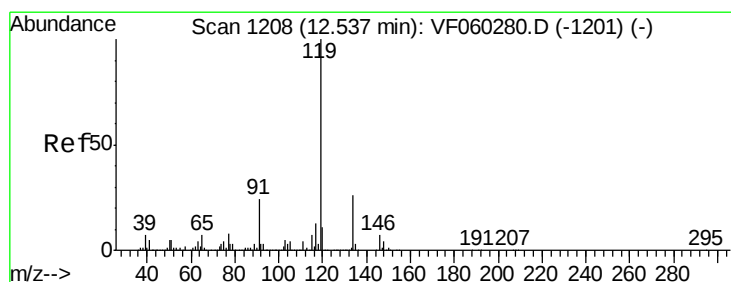
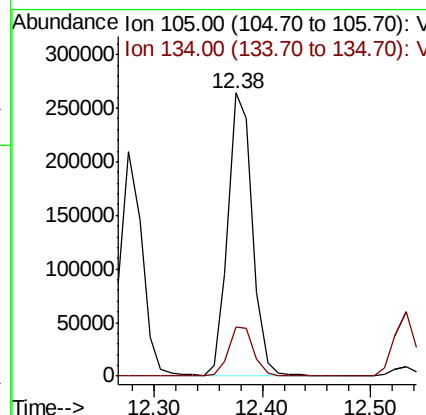
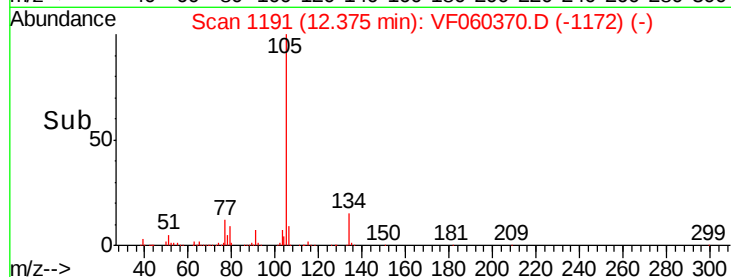
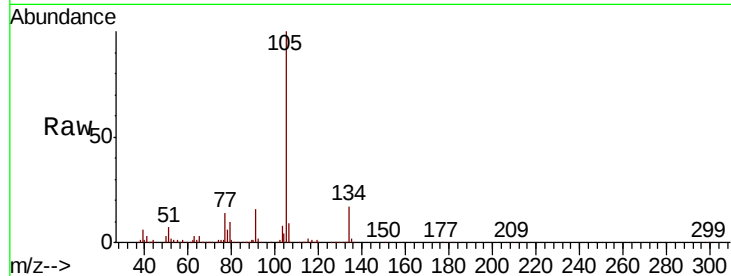
#85  
 sec-Butylbenzene  
 Concen: 24.621 ug/l  
 RT: 12.38 min Scan# 1191  
 Delta R.T. -0.01 min  
 Lab File: VF060370.D  
 Acq: 28 Sep 2018 16:40

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0928SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 417510 |       |       |
| 134     | 17.3  | 9.6    | 28.6  |       |

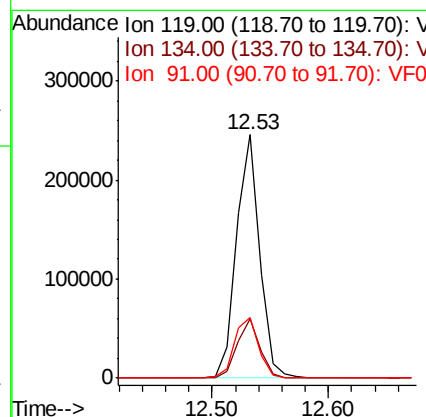
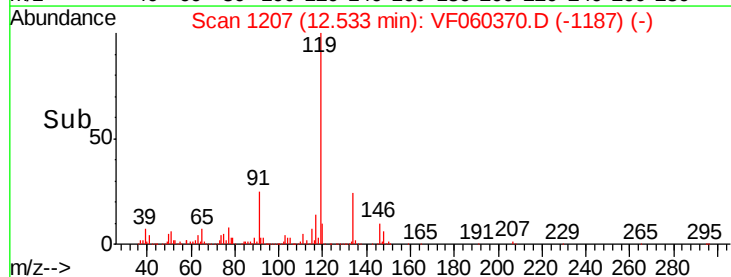
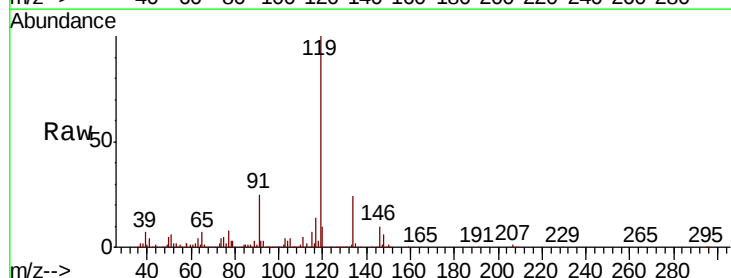
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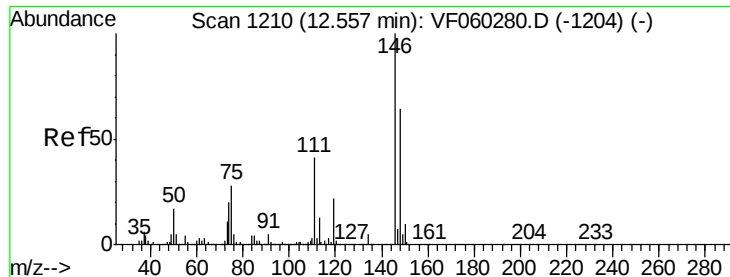
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#86  
 p-Isopropyltoluene  
 Concen: 25.434 ug/l  
 RT: 12.53 min Scan# 1207  
 Delta R.T. -0.00 min  
 Lab File: VF060370.D  
 Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 338952 |       |       |
| 134     | 24.3  | 12.9   | 38.7  |       |
| 91      | 24.8  | 11.9   | 35.7  |       |





#87

1,3-Dichlorobenzene

Concen: 24.223 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

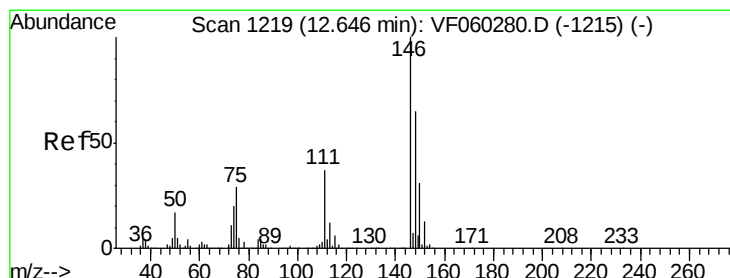
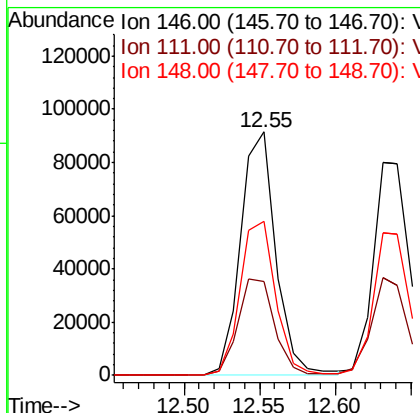
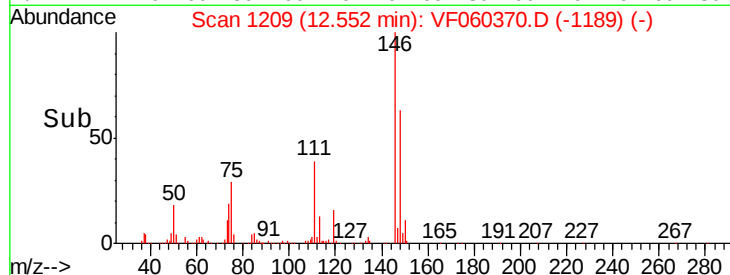
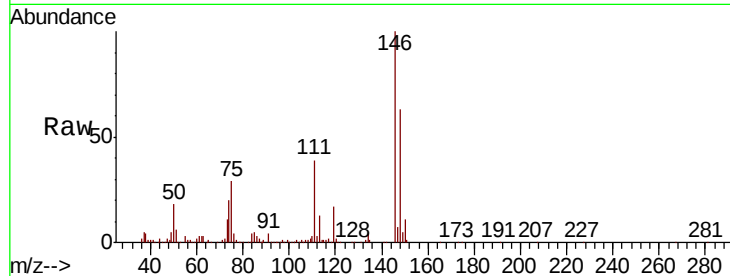
ClientSampleId :

VF0928SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 148507 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.8  | 20.5  | 61.6   |
| 148       | 63.4  | 32.2  | 96.6   |

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#88

1,4-Dichlorobenzene

Concen: 22.776 ug/l

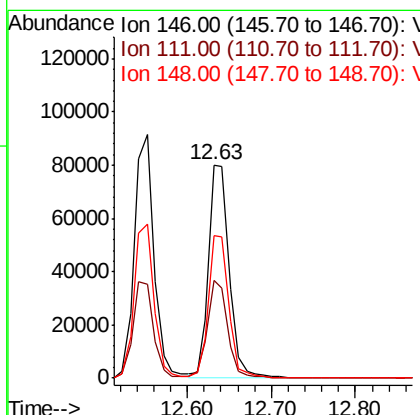
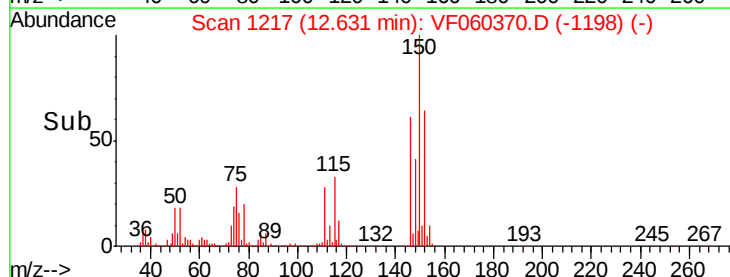
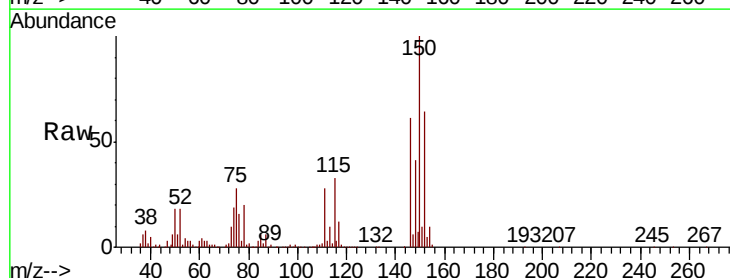
RT: 12.63 min Scan# 1217

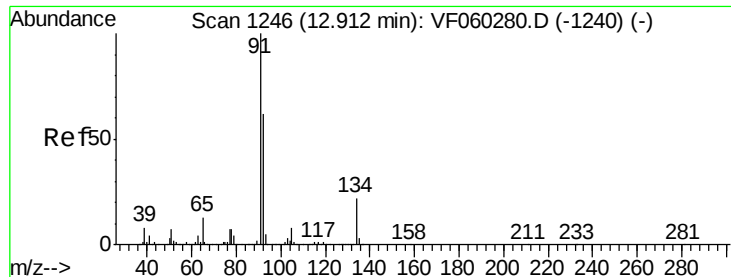
Delta R.T. -0.01 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 138017 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 46.0  | 18.7  | 56.1   |
| 148       | 66.6  | 32.4  | 97.0   |





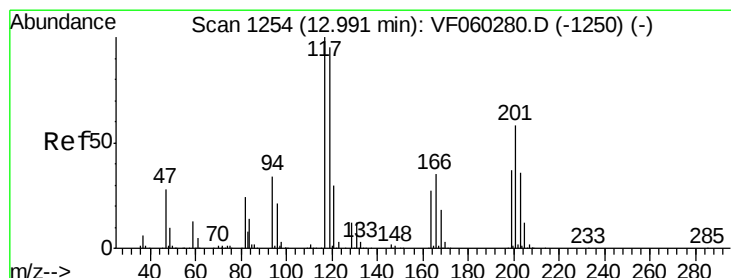
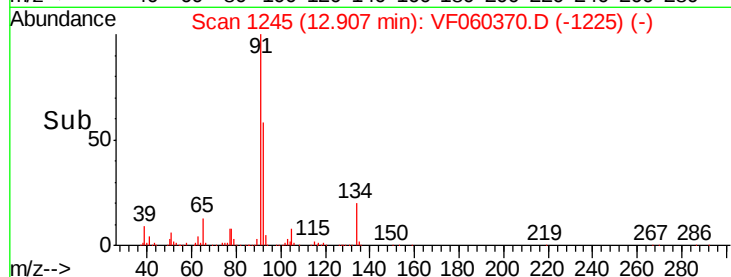
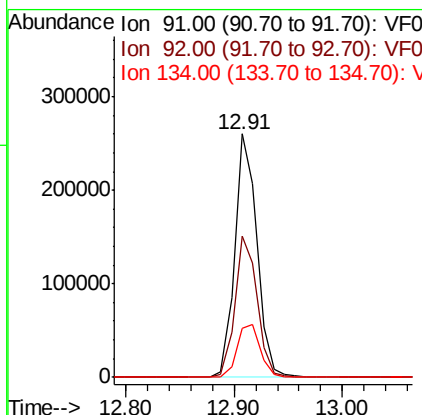
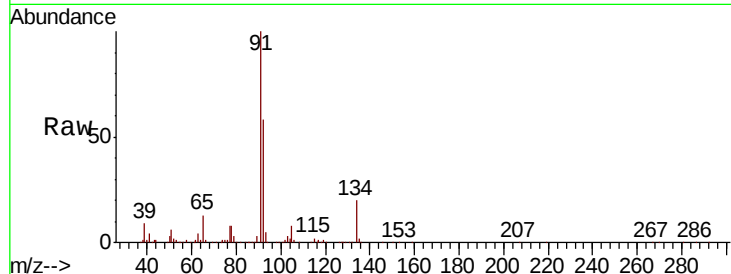
#89  
n-Butylbenzene  
Concen: 25.591 ug/l  
RT: 12.91 min Scan# 1245  
Delta R.T. -0.00 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0928SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 57.7  | 31.1  | 93.5  |
| 134     | 20.2  | 11.0  | 33.0  |

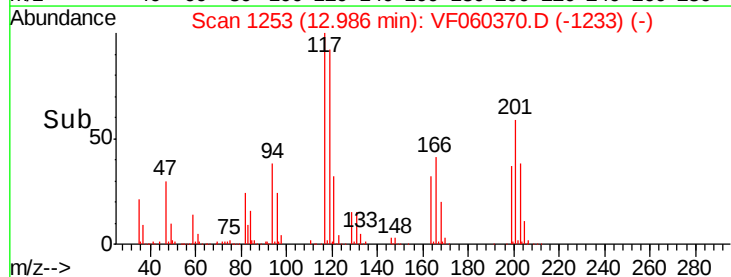
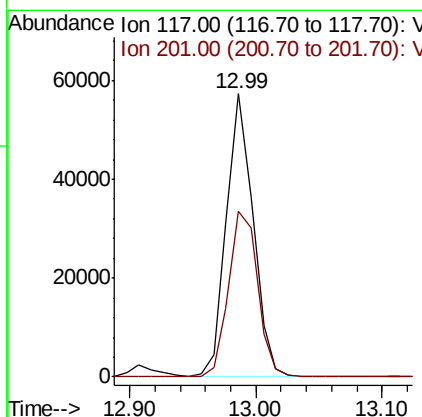
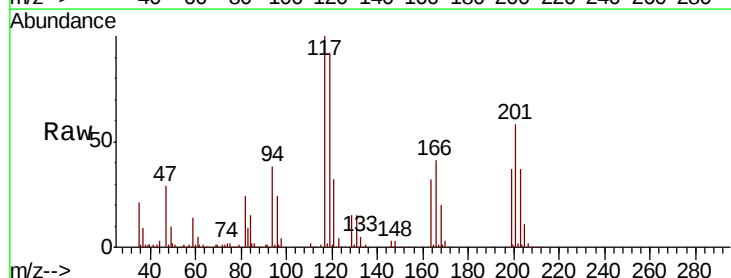
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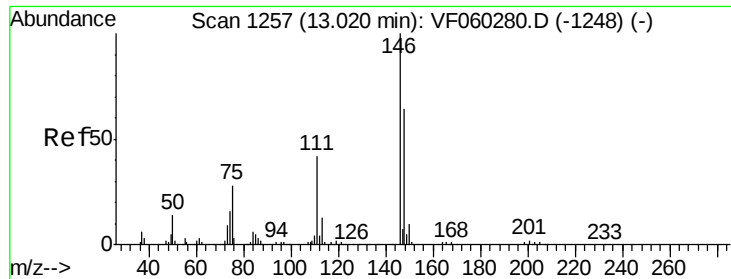
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#90  
Hexachloroethane  
Concen: 24.279 ug/l  
RT: 12.99 min Scan# 1253  
Delta R.T. -0.00 min  
Lab File: VF060370.D  
Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 58.3  | 29.0  | 87.0  |





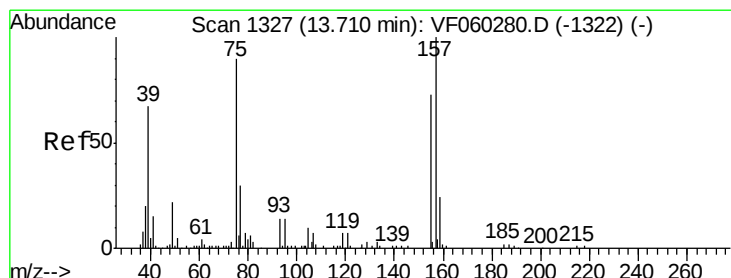
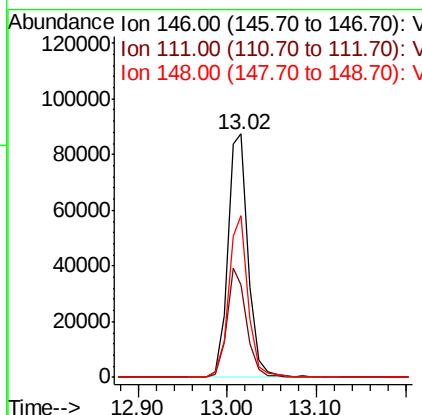
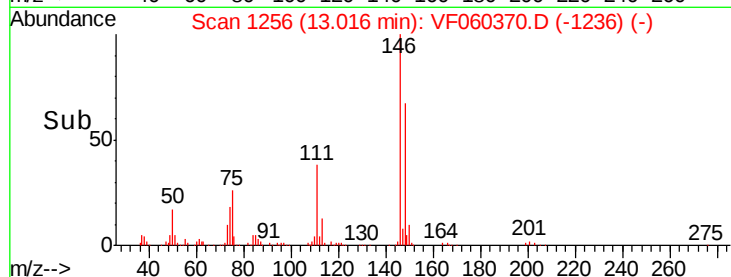
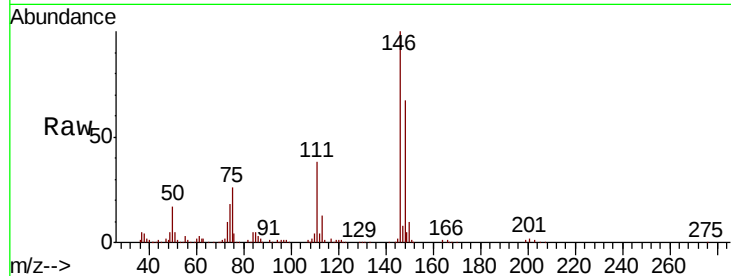
#91  
 1,2-Dichlorobenzene  
 Concen: 24.138 ug/l  
 RT: 13.02 min Scan# 1256  
 Delta R.T. -0.00 min  
 Lab File: VF060370.D  
 Acq: 28 Sep 2018 16:40

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0928SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.2  | 20.9  | 62.8  |
| 148     | 66.5  | 31.9  | 95.9  |

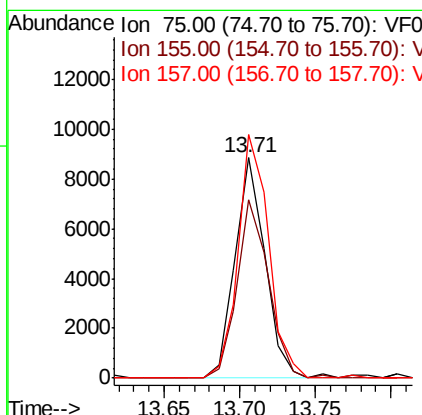
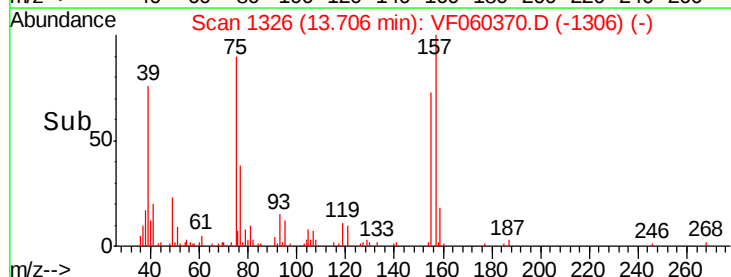
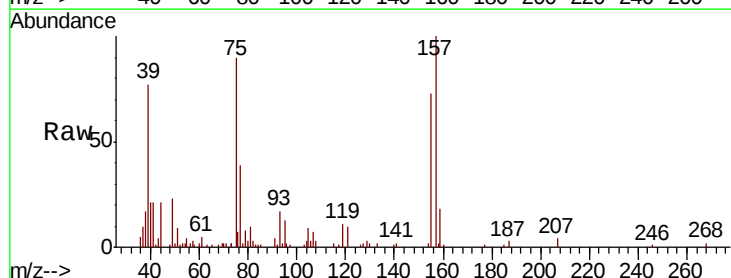
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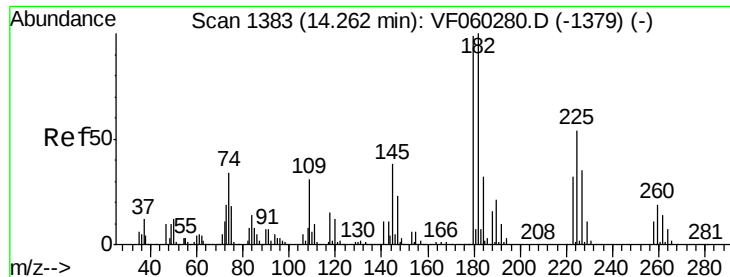
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 24.108 ug/l  
 RT: 13.71 min Scan# 1326  
 Delta R.T. -0.00 min  
 Lab File: VF060370.D  
 Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 80.8  | 41.9  | 125.7 |
| 157     | 110.5 | 57.4  | 172.0 |





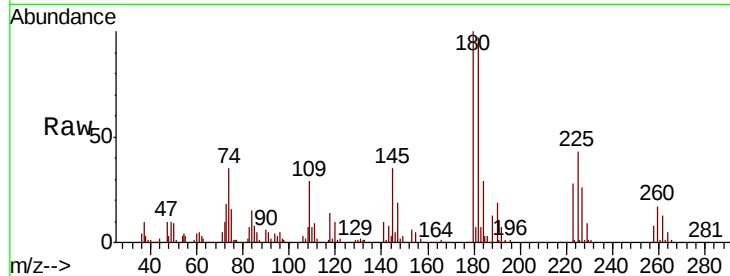
#93  
 1,2,4-Trichlorobenzene  
 Concen: 23.976 ug/l  
 RT: 14.26 min Scan# 1382  
 Delta R.T. -0.00 min  
 Lab File: VF060370.D  
 Acq: 28 Sep 2018 16:40

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0928SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 101919 |       |       |
| 182     | 97.4  | 50.3   | 151.0 |       |
| 145     | 35.5  | 18.9   | 56.9  |       |

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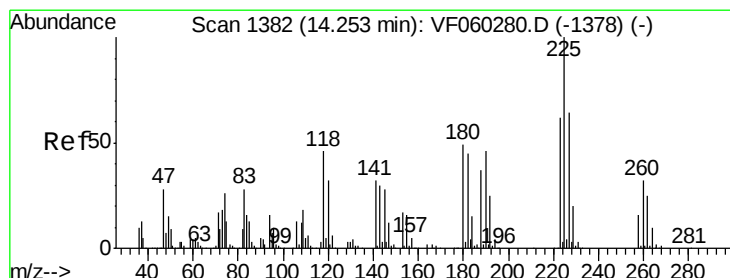
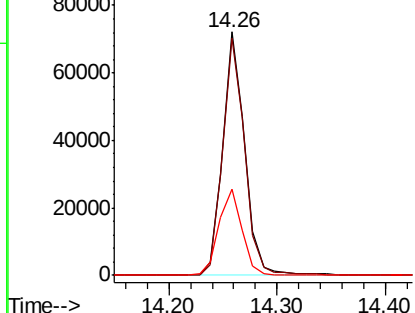
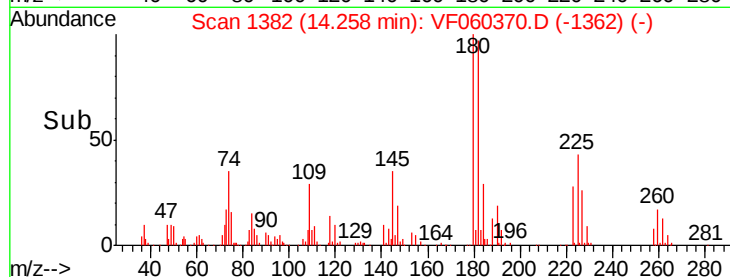


Abundance

Ion 180.00 (179.70 to 180.70): V

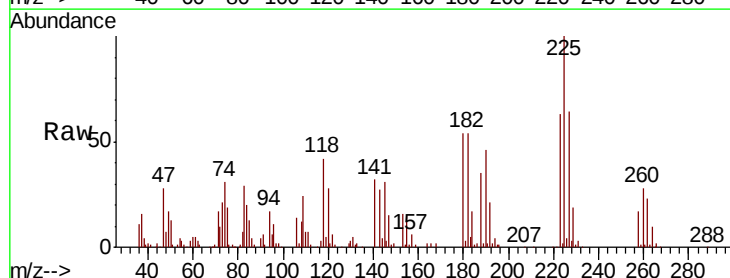
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#94  
 Hexachlorobutadiene  
 Concen: 24.376 ug/l  
 RT: 14.25 min Scan# 1381  
 Delta R.T. -0.00 min  
 Lab File: VF060370.D  
 Acq: 28 Sep 2018 16:40

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 70047 |       |       |
| 223     | 62.5  | 31.2  | 93.6  |       |
| 227     | 63.7  | 32.2  | 96.6  |       |

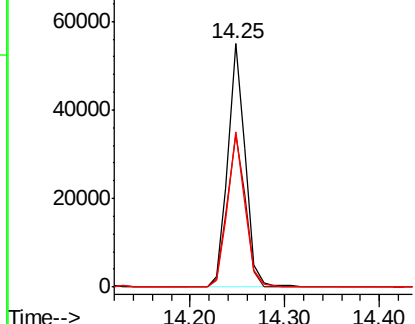
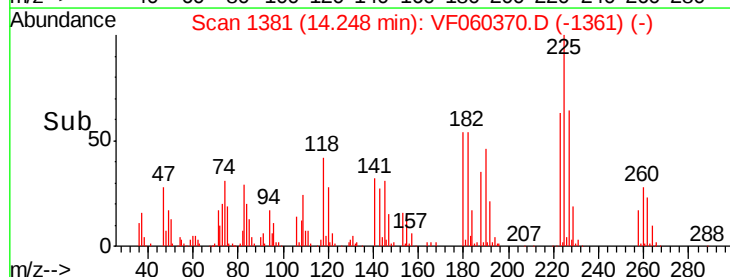


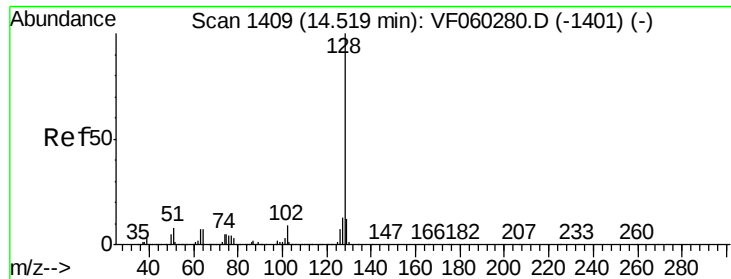
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#95

Naphthalene

Concen: 23.568 ug/l

RT: 14.51 min Scan# 1408

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

Instrument :

MSVOA\_F

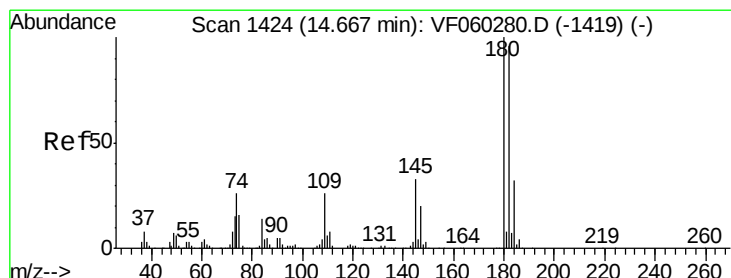
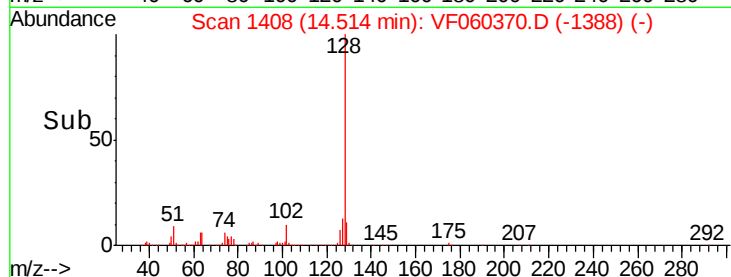
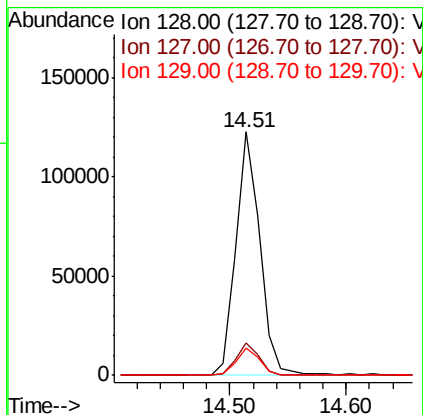
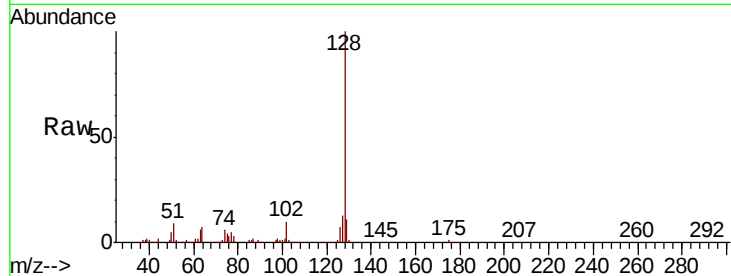
ClientSampleId :

VF0928SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 175650 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.3  | 10.1  | 15.1   |
| 129       | 11.2  | 9.8   | 14.8   |

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#96

1,2,3-Trichlorobenzene

Concen: 26.030 ug/l

RT: 14.66 min Scan# 1423

Delta R.T. -0.00 min

Lab File: VF060370.D

Acq: 28 Sep 2018 16:40

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 102244 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 91.6  | 47.8  | 143.4  |
| 145       | 30.6  | 16.4  | 49.1   |

