

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061818\  
 Data File : VF059170.D  
 Acq On : 18 Jun 2018 12:42  
 Operator : VA/AP  
 Sample : VF0618SBS01  
 Misc : 5.00g/5mL/MSVOA-F/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0618SBS01

Manual Integrations  
 APPROVED

apatel  
 6/19/2018 3:33:33 PM

Quant Time: Jun 19 03:43:03 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F060618S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 07 10:52:00 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.04  | 168  | 285936   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.76  | 114  | 449068   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.91  | 117  | 438149   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.63 | 152  | 266003   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 5.01   | 65  | 190632   | 54.97 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.94% |      |
| 35) Dibromofluoromethane  | 4.29   | 113 | 172157   | 54.64 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.28% |      |
| 50) Toluene-d8            | 7.70   | 98  | 456699   | 49.34 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.68%  |      |
| 62) 4-Bromofluorobenzene  | 11.50  | 95  | 230182   | 48.48 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.96%  |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.99 | 85  | 61512  | 19.007  | ug/l   | 93     |
| 3) Chloromethane              | 1.09 | 50  | 43640  | 17.408  | ug/l   | 92     |
| 4) Vinyl Chloride             | 1.14 | 62  | 36451  | 16.117  | ug/l   | 97     |
| 5) Bromomethane               | 1.34 | 94  | 23458  | 17.801  | ug/l   | 96     |
| 6) Chloroethane               | 1.43 | 64  | 17442  | 18.587  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 1.49 | 101 | 70122m | 19.946  | ug/l   |        |
| 8) Diethyl Ether              | 1.71 | 74  | 18646  | 21.081  | ug/l   | 92     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.89 | 101 | 35978  | 16.058  | ug/l   | 95     |
| 10) Methyl Iodide             | 1.96 | 142 | 74815m | 19.084  | ug/l   |        |
| 11) Tert butyl alcohol        | 2.68 | 59  | 23218  | 104.494 | ug/l # | 92     |
| 12) 1,1-Dichloroethene        | 1.85 | 96  | 34286  | 18.198  | ug/l   | 97     |
| 13) Acrolein                  | 2.09 | 56  | 16593  | 86.279  | ug/l   | 93     |
| 14) Allyl chloride            | 2.19 | 41  | 72694  | 19.658  | ug/l   | 100    |
| 15) Acrylonitrile             | 3.07 | 53  | 47241  | 107.051 | ug/l   | 96     |
| 16) Acetone                   | 2.34 | 43  | 104861 | 126.648 | ug/l # | 89     |
| 17) Carbon Disulfide          | 1.87 | 76  | 86373  | 16.328  | ug/l # | 94     |
| 18) Methyl Acetate            | 2.44 | 43  | 35432m | 24.893  | ug/l   |        |
| 19) Methyl tert-butyl Ether   | 2.53 | 73  | 142655 | 24.390  | ug/l   | 96     |
| 20) Methylene Chloride        | 2.28 | 84  | 45810m | 23.107  | ug/l   |        |
| 21) trans-1,2-Dichloroethene  | 2.41 | 96  | 41076  | 19.879  | ug/l   | 86     |
| 22) Diisopropyl ether         | 2.92 | 45  | 155842 | 21.439  | ug/l   | 95     |
| 23) Vinyl Acetate             | 3.32 | 43  | 539353 | 112.532 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 3.00 | 63  | 94536  | 21.451  | ug/l   | 99     |
| 25) 2-Butanone                | 4.51 | 43  | 137536 | 107.145 | ug/l   | 95     |
| 26) 2,2-Dichloropropane       | 3.75 | 77  | 70172  | 21.948  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 3.63 | 96  | 62094  | 19.526  | ug/l   | 86     |
| 28) Bromochloromethane        | 3.88 | 49  | 46662  | 23.524  | ug/l # | 90     |
| 29) Tetrahydrofuran           | 4.24 | 42  | 64068  | 113.273 | ug/l   | 96     |
| 30) Chloroform                | 4.03 | 83  | 139520 | 22.131  | ug/l   | 95     |
| 31) Cyclohexane               | 3.85 | 56  | 69011  | 17.926  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 4.27 | 97  | 103315 | 21.951  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 4.46 | 75  | 89880  | 20.649  | ug/l   | 95     |
| 37) Ethyl Acetate             | 4.28 | 43  | 61772  | 22.968  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 4.15 | 117 | 115671 | 24.520  | ug/l   | 96     |

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 ALS Vial : 4 Sample Multiplier: 1

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Manual Integrations  
 APPROVED

apatel  
 6/19/2018 3:33:33 PM

Quant Time: Jun 19 03:43:03 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F060618S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 07 10:52:00 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 5.62  | 83   | 86117    | 19.409  | ug/l   | 96       |
| 40) Benzene                    | 4.80  | 78   | 200685   | 19.863  | ug/l   | 97       |
| 41) Methacrylonitrile          | 4.92  | 41   | 30440    | 23.037  | ug/l # | 91       |
| 42) 1,2-Dichloroethane         | 5.11  | 62   | 105379   | 23.256  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 7.11  | 43   | 75781    | 21.039  | ug/l # | 97       |
| 44) Trichloroethene            | 5.67  | 130  | 68539    | 21.711  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 6.40  | 63   | 58264    | 20.001  | ug/l   | 96       |
| 46) Dibromomethane             | 6.25  | 93   | 46421    | 21.179  | ug/l   | 96       |
| 47) Bromodichloromethane       | 6.54  | 83   | 109243   | 21.909  | ug/l   | 97       |
| 48) Methyl methacrylate        | 6.87  | 41   | 50546    | 22.764  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 6.86  | 88   | 4817     | 284.783 | ug/l # | 73       |
| 51) 4-Methyl-2-Pentanone       | 8.40  | 43   | 284442   | 115.216 | ug/l   | 98       |
| 52) Toluene                    | 7.77  | 92   | 140559   | 19.315  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 8.42  | 75   | 110892   | 22.964  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 7.45  | 75   | 118044   | 21.280  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 8.64  | 97   | 56884    | 21.571  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 8.75  | 69   | 68519    | 20.614  | ug/l   | 86       |
| 57) 1,3-Dichloropropane        | 8.99  | 76   | 97928    | 21.709  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 7.77  | 63   | 25251    | 106.241 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.62  | 43   | 216993   | 111.120 | ug/l   | 92       |
| 60) Dibromochloromethane       | 8.85  | 129  | 87259    | 23.027  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.13  | 107  | 64460    | 21.037  | ug/l   | 94       |
| 64) Tetrachloroethene          | 8.30  | 164  | 68586    | 21.342  | ug/l   | 97       |
| 65) Chlorobenzene              | 9.94  | 112  | 183613   | 21.163  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.06 | 131  | 78976    | 22.883  | ug/l   | 94       |
| 67) Ethyl Benzene              | 10.03 | 91   | 317794   | 21.080  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.26 | 106  | 238169   | 42.196  | ug/l   | 89       |
| 69) o-Xylene                   | 10.82 | 106  | 129268   | 21.191  | ug/l   | 95       |
| 70) Styrene                    | 10.89 | 104  | 188950   | 20.472  | ug/l   | 97       |
| 71) Bromoform                  | 10.88 | 173  | 55084    | 23.501  | ug/l # | 94       |
| 73) Isopropylbenzene           | 11.22 | 105  | 376035   | 20.418  | ug/l   | 100      |
| 74) N-amyl acetate             | 11.45 | 43   | 137728   | 20.936  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.78 | 83   | 85831    | 19.658  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.88 | 75   | 65628    | 20.352  | ug/l   | 99       |
| 77) Bromobenzene               | 11.59 | 156  | 95532    | 20.611  | ug/l   | 79       |
| 78) n-propylbenzene            | 11.68 | 91   | 425242   | 19.508  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 11.81 | 91   | 259989   | 20.189  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 11.91 | 105  | 322186   | 21.137  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.95 | 75   | 41208    | 19.710  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 11.99 | 91   | 280919   | 20.490  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.21 | 119  | 319996   | 21.143  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 12.28 | 105  | 329642   | 20.872  | ug/l   | 92       |
| 85) sec-Butylbenzene           | 12.38 | 105  | 417939   | 20.322  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.53 | 119  | 368515   | 21.817  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.55 | 146  | 186167   | 21.755  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.64 | 146  | 175266   | 21.254  | ug/l   | 97       |
| 89) n-Butylbenzene             | 12.91 | 91   | 352508   | 18.183  | ug/l   | 94       |
| 90) Hexachloroethane           | 12.99 | 117  | 86234    | 20.731  | ug/l   | 77       |
| 91) 1,2-Dichlorobenzene        | 13.01 | 146  | 169549   | 20.567  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.71 | 75   | 18073    | 21.102  | ug/l   | 76       |

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Misc : 5.00g/5mL/MSVOA-F/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0618SBS01

Manual Integrations  
APPROVED

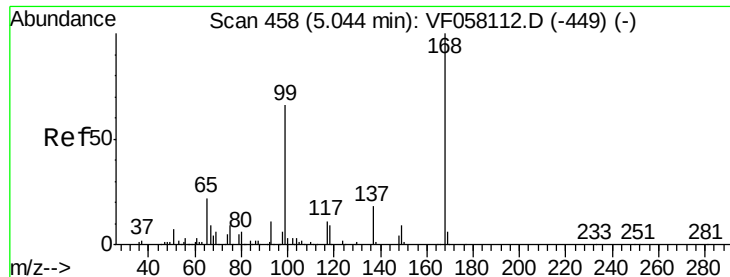
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6/19/2018 3:33:33 PM

Quant Time: Jun 19 03:43:03 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F060618S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 07 10:52:00 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.26 | 180  | 127562   | 22.123 | ug/l  | 93       |
| 94) Hexachlorobutadiene    | 14.25 | 225  | 70846    | 21.233 | ug/l  | 95       |
| 95) Naphthalene            | 14.52 | 128  | 247455   | 20.092 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.67 | 180  | 114569   | 21.502 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

ClientSampleId :

VF0618SBS01

Tot Ion:168 Resp: 285936

Ion Ratio Lower Upper

168 100

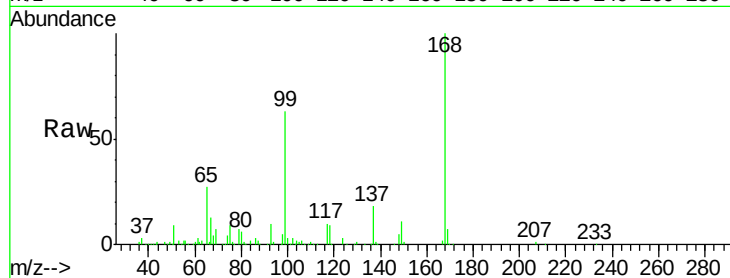
99 62.7 52.9 79.3

Manual Integrations

APPROVED

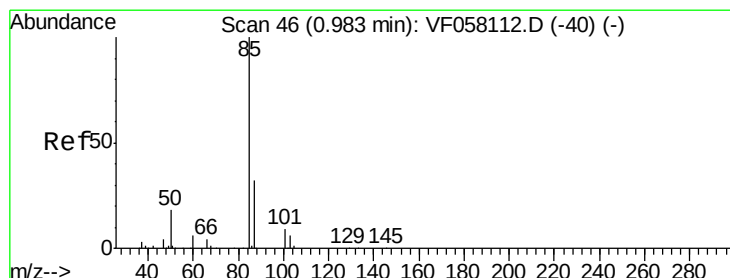
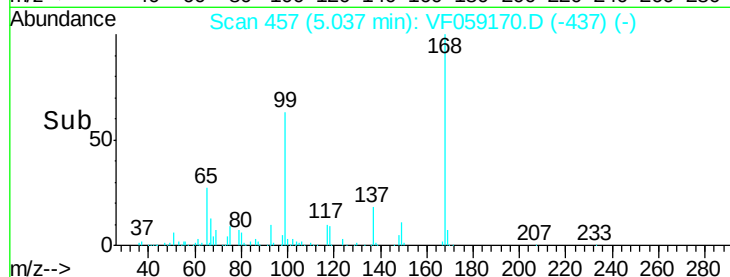
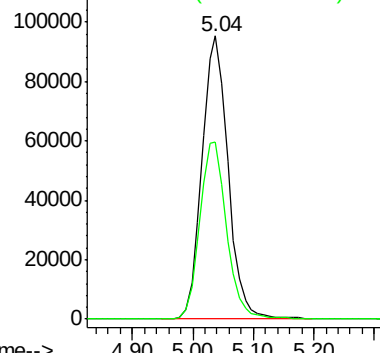
apatel

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 19.007 ug/l

RT: 0.99 min Scan# 46

Delta R.T. 0.00 min

Lab File: VF059170.D

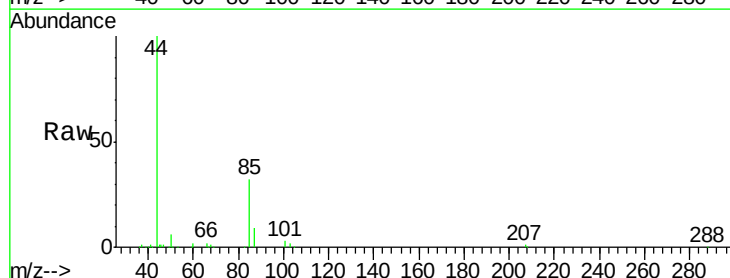
Acq: 18 Jun 2018 12:42

Tgt Ion: 85 Resp: 61512

Ion Ratio Lower Upper

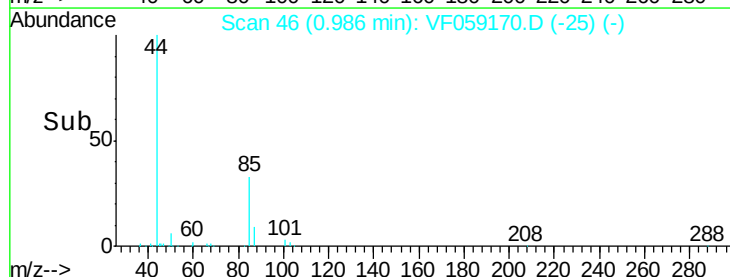
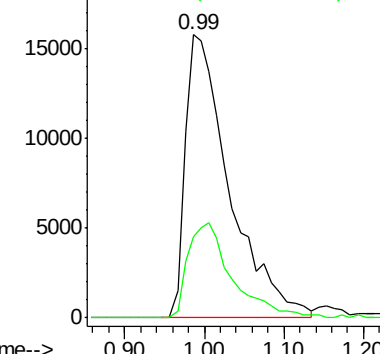
85 100

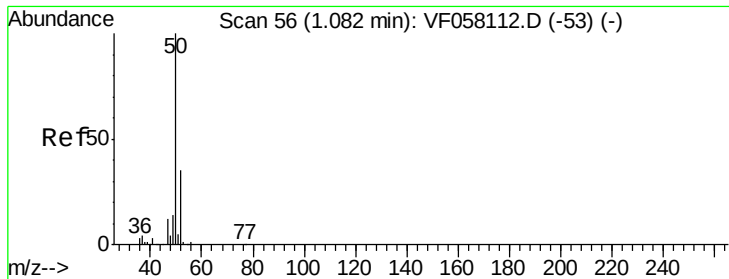
87 28.6 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 17.408 ug/l

RT: 1.09 min Scan# 57

Delta R.T. 0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

ClientSampleId :

VF0618SBS01

Tot Ion: 50 Resp: 43640

Ion Ratio Lower Upper

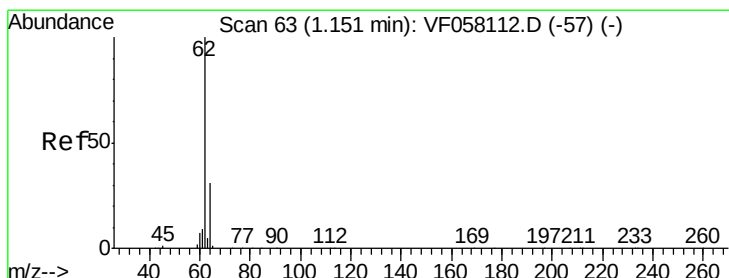
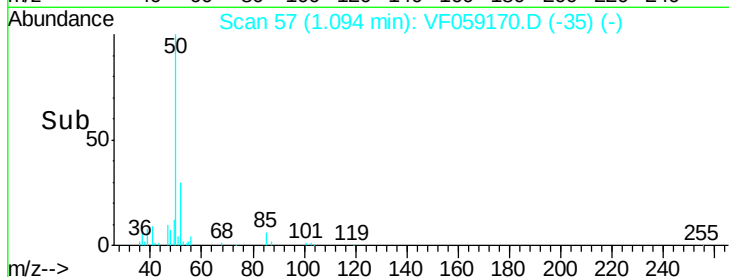
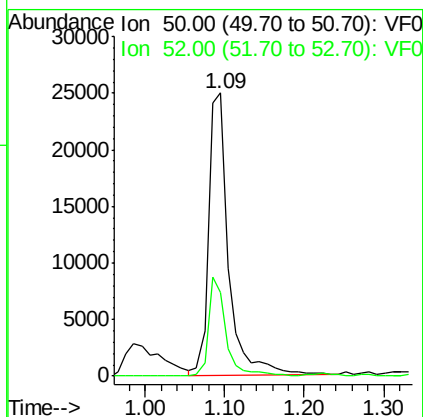
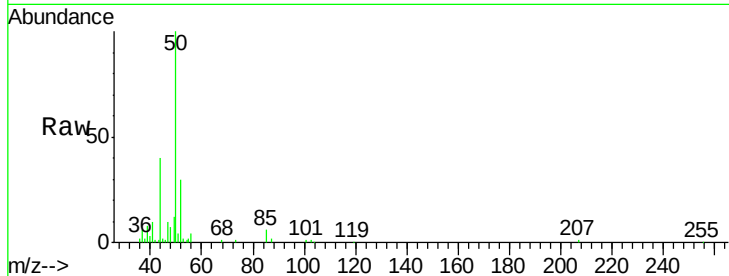
50 100

52 29.7 27.3 40.9

Manual Integrations  
APPROVED

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#4

Vinyl Chloride

Concen: 16.117 ug/l

RT: 1.14 min Scan# 62

Delta R.T. -0.01 min

Lab File: VF059170.D

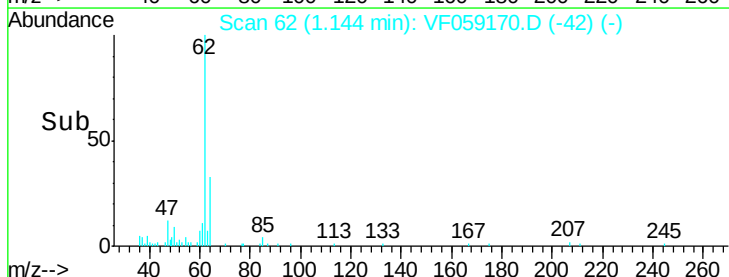
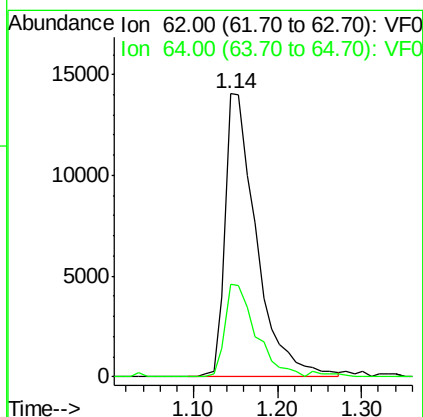
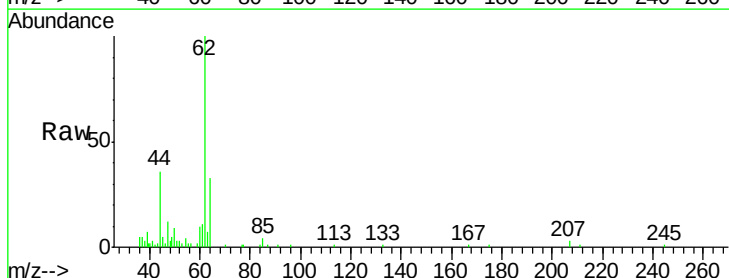
Acq: 18 Jun 2018 12:42

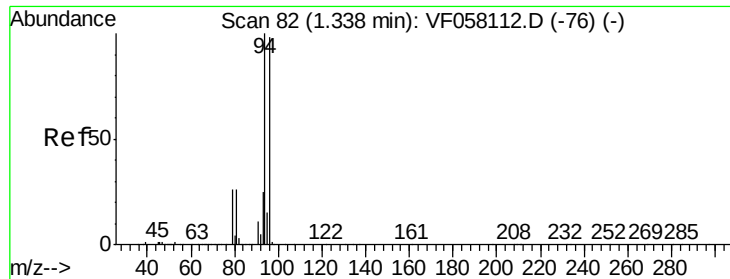
Tgt Ion: 62 Resp: 36451

Ion Ratio Lower Upper

62 100

64 32.7 25.0 37.6





#5

Bromomethane

Concen: 17.801 ug/l

RT: 1.34 min Scan# 82

Delta R.T. 0.00 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

ClientSampleId :

VF0618SBS01

Tot Ion: 94 Resp: 23458

Ion Ratio Lower Upper

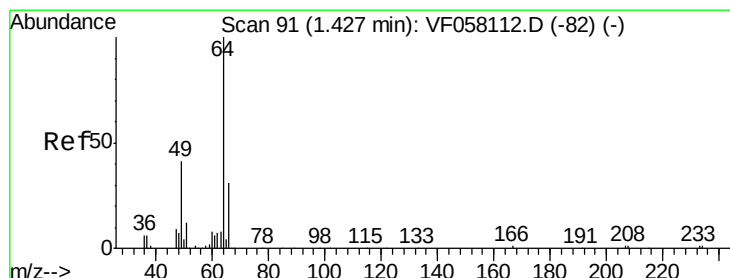
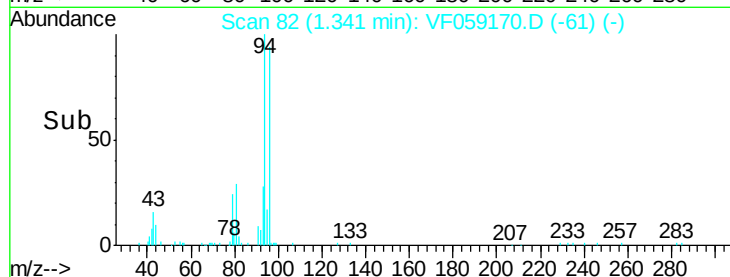
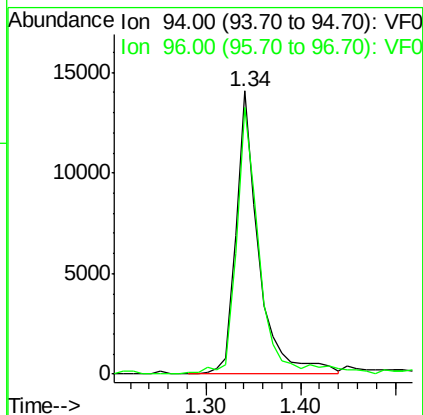
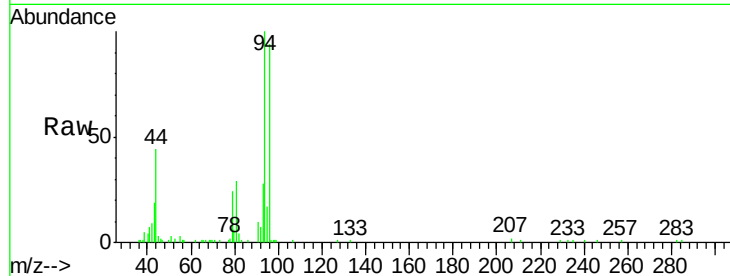
94 100

96 94.1 78.6 117.8

Manual Integrations  
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#6

Chloroethane

Concen: 18.587 ug/l

RT: 1.43 min Scan# 91

Delta R.T. 0.00 min

Lab File: VF059170.D

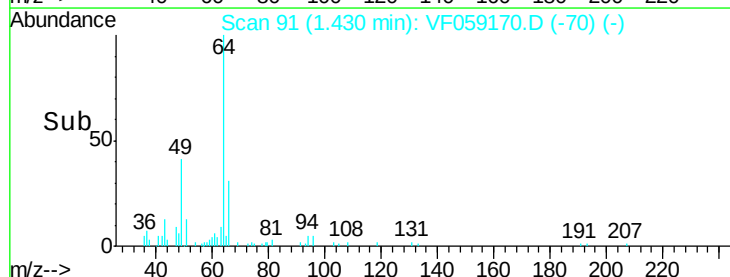
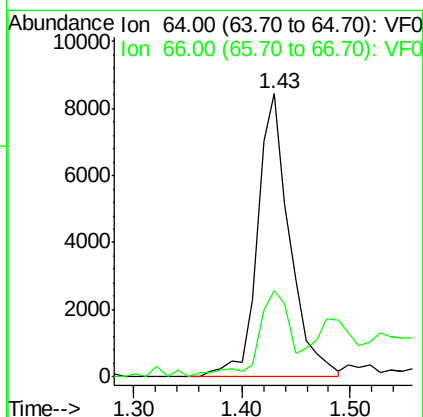
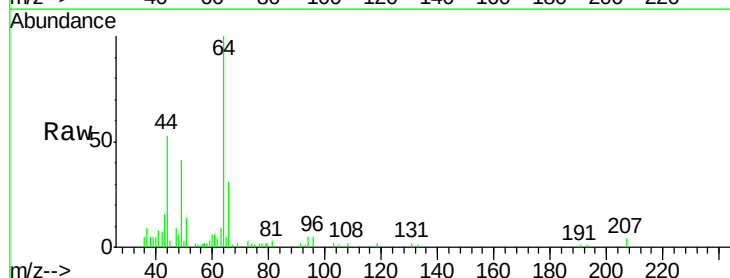
Acq: 18 Jun 2018 12:42

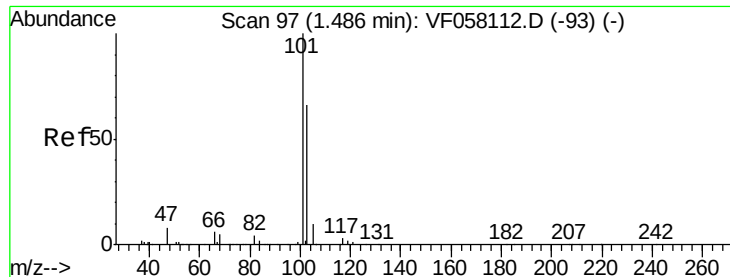
Tgt Ion: 64 Resp: 17442

Ion Ratio Lower Upper

64 100

66 30.6 24.9 37.3





#7

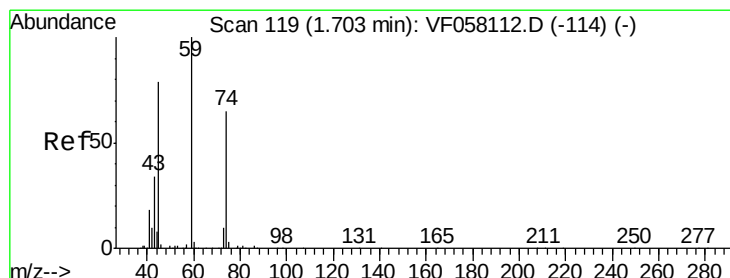
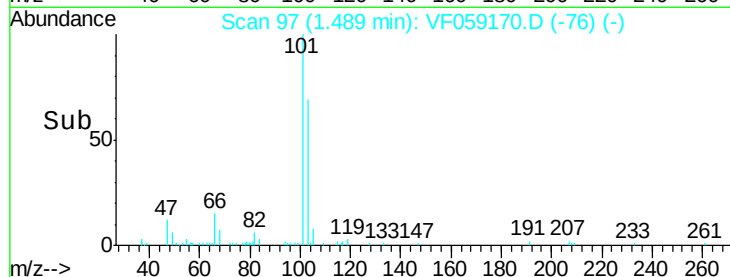
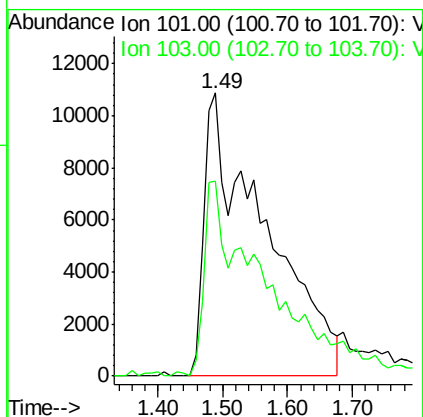
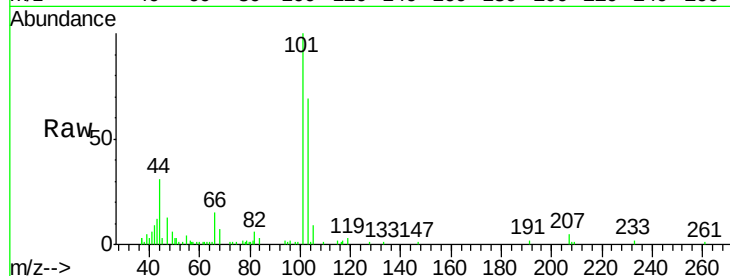
Trichlorofluoromethane  
 Concen: 19.946 ug/l m  
 RT: 1.49 min Scan# 97  
 Delta R.T. 0.00 min  
 Lab File: VF059170.D  
 Acq: 18 Jun 2018 12:42

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 68.9  | 53.4  | 80.2  |

Manual Integrations  
 APPROVED

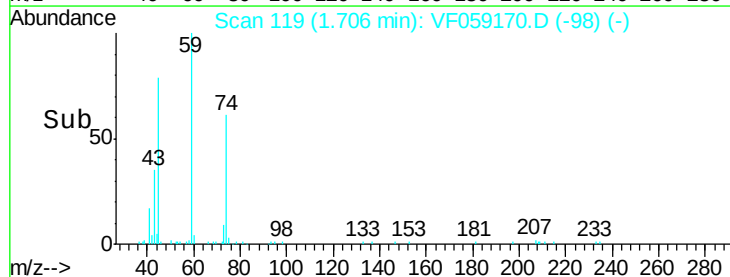
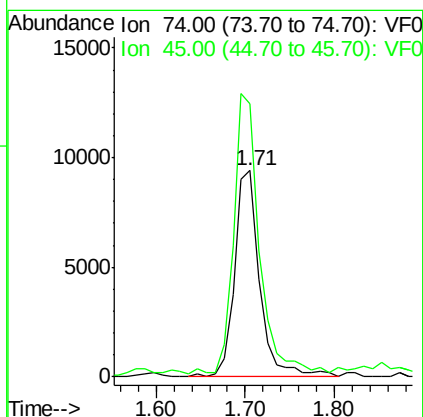
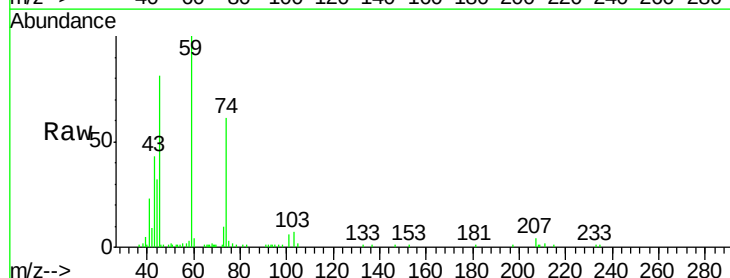
apatel  
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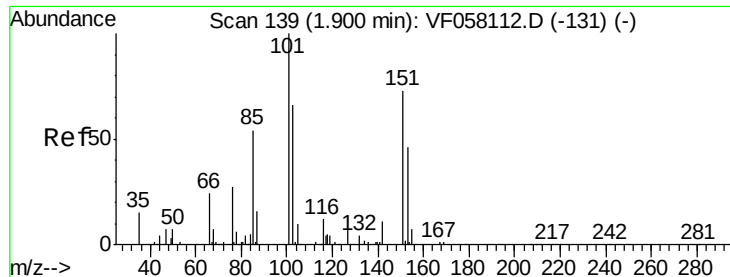
#8

Diethyl Ether  
 Concen: 21.081 ug/l  
 RT: 1.71 min Scan# 119  
 Delta R.T. 0.00 min  
 Lab File: VF059170.D  
 Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 132.4 | 61.5  | 184.4 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.058 ug/l

RT: 1.89 min Scan# 138

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

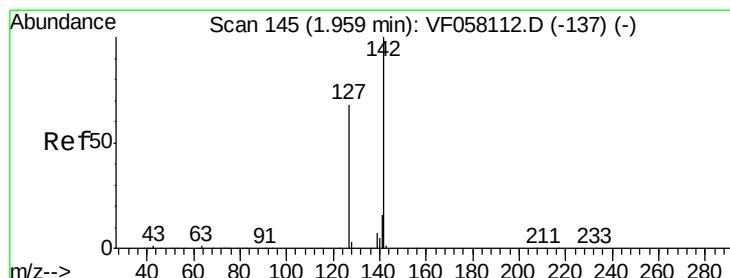
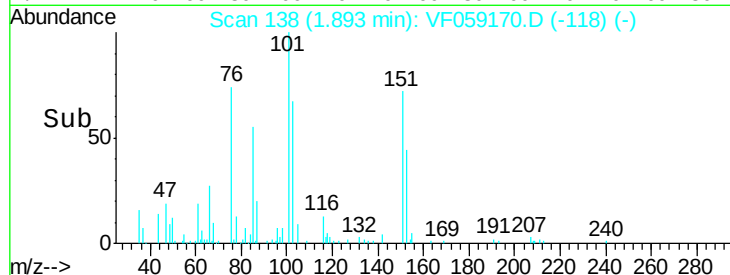
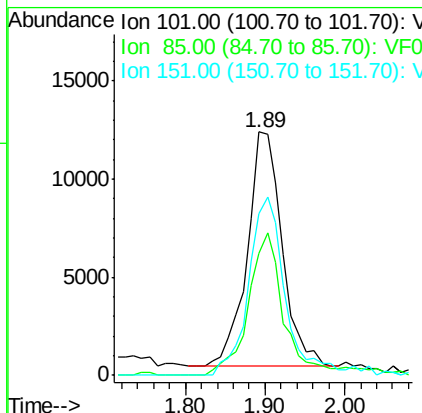
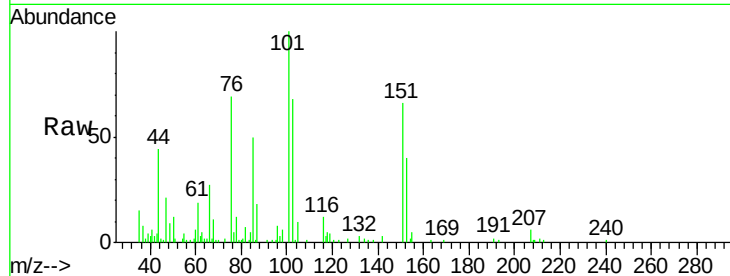
ClientSampleId :

VF0618SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 35978 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 50.0  | 42.2  | 63.4  |
| 151       | 66.2  | 56.8  | 85.2  |

Manual Integrations  
APPROVED

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#10

Methyl Iodide

Concen: 19.084 ug/l m

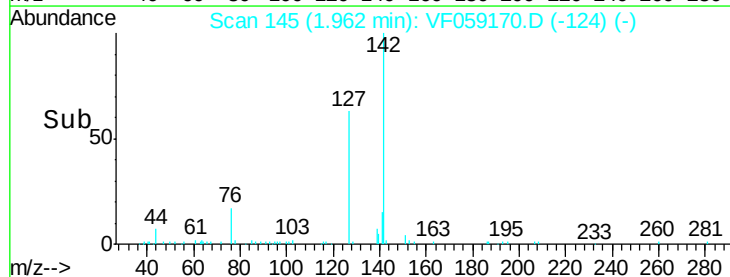
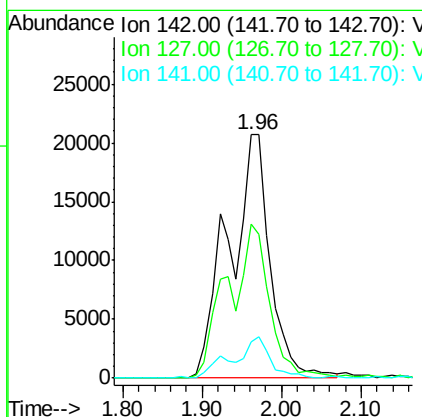
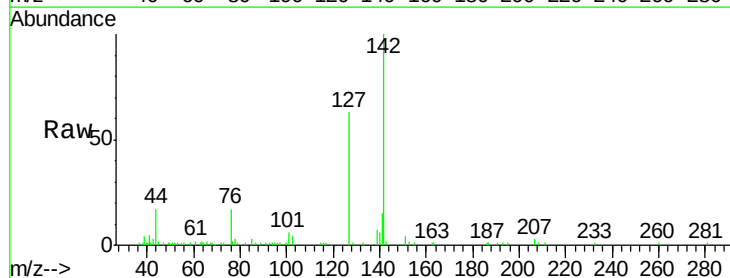
RT: 1.96 min Scan# 145

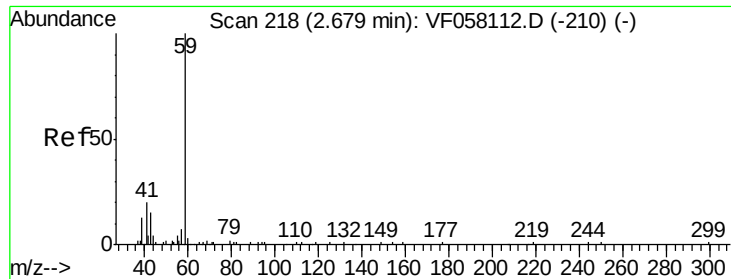
Delta R.T. 0.00 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 74815 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 63.3  | 54.1  | 81.1  |
| 141       | 14.9  | 13.0  | 19.4  |





#11

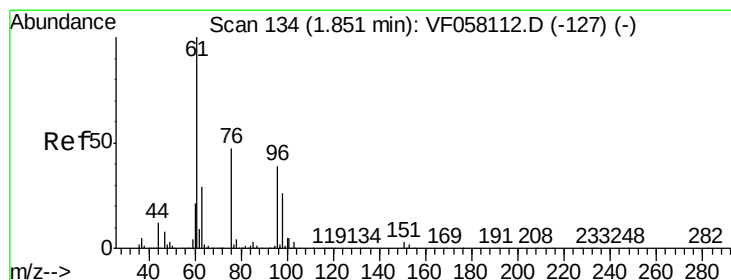
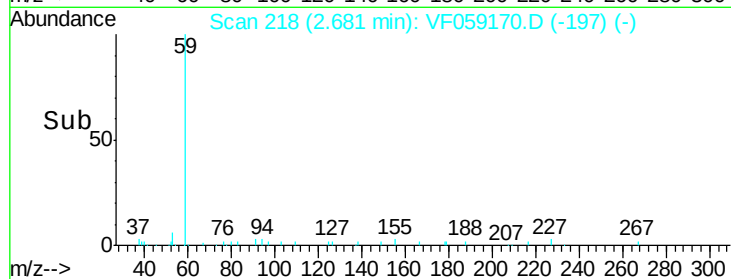
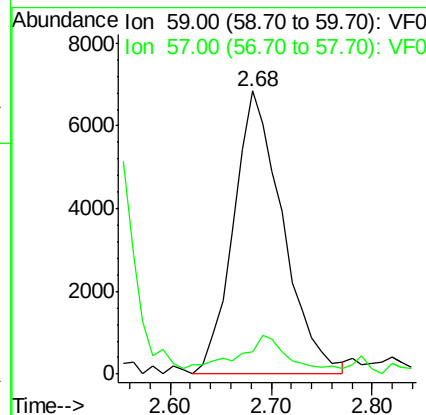
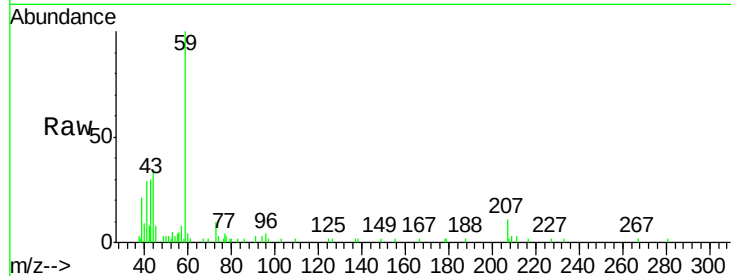
Tert butyl alcohol  
Concen: 104.494 ug/l  
RT: 2.68 min Scan# 218  
Delta R.T. 0.00 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 7.8   | 8.7   | 13.1# |

Manual Integrations  
APPROVED

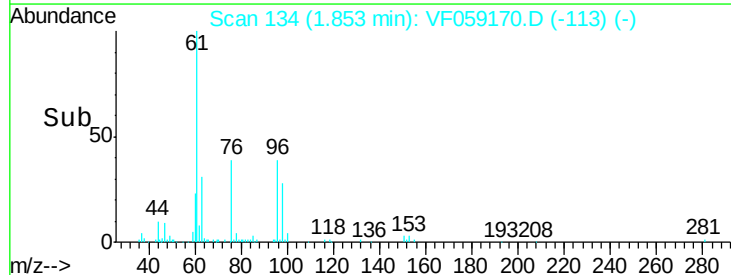
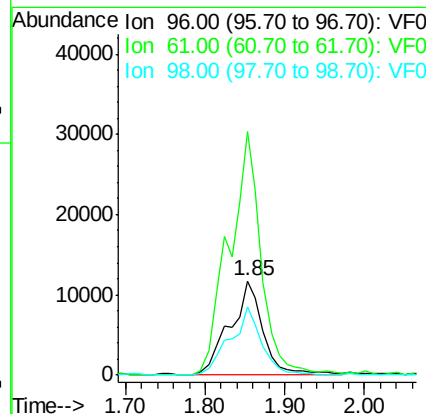
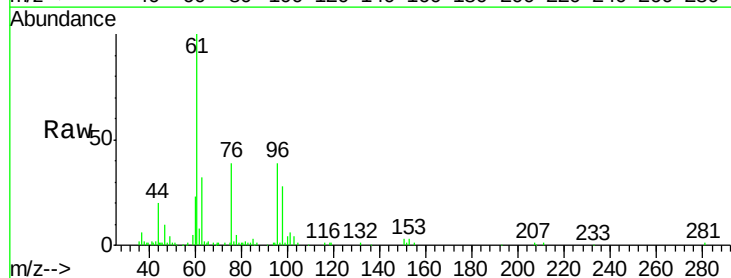
apatel  
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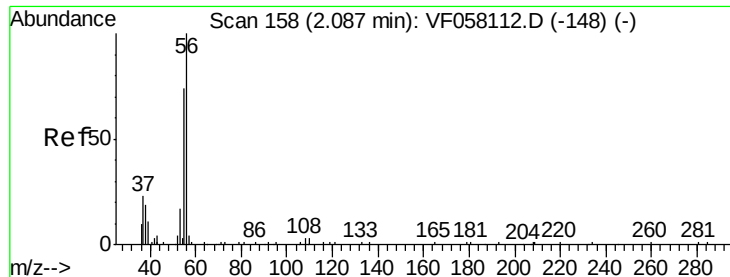


#12

1,1-Dichloroethene  
Concen: 18.198 ug/l  
RT: 1.85 min Scan# 134  
Delta R.T. 0.00 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 248.8 | 203.0 | 304.4 |
| 98      | 69.7  | 52.7  | 79.1  |





#13

Acrolein

Concen: 86.279 ug/l

RT: 2.09 min Scan# 158

Delta R.T. 0.00 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

ClientSampleId :

VF0618SBS01

Tot Ion: 56 Resp: 16593

Ion Ratio Lower Upper

56 100

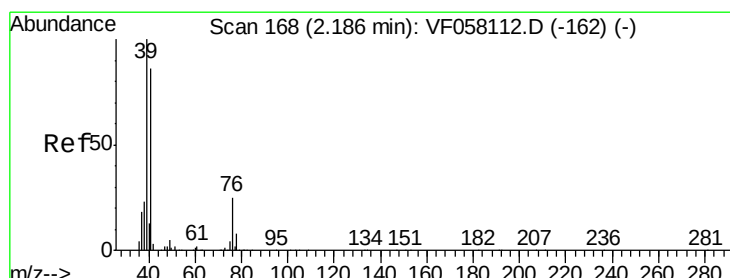
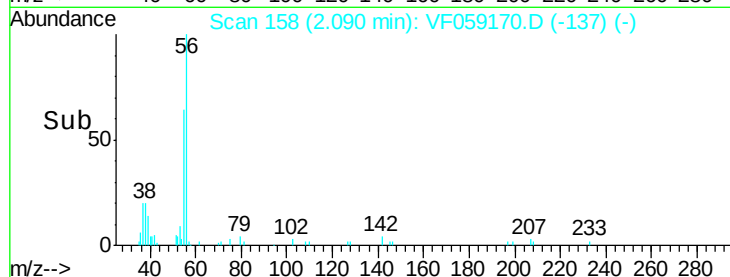
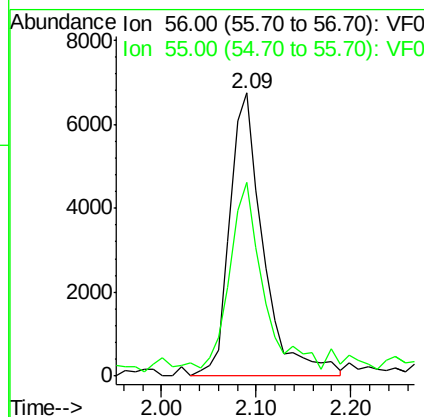
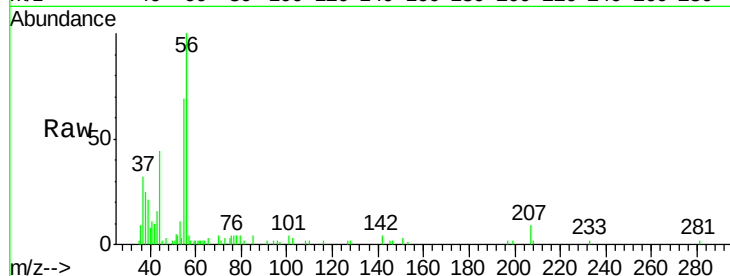
55 68.6 60.0 90.0

Manual Integrations

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apatel

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#14

Allyl chloride

Concen: 19.658 ug/l

RT: 2.19 min Scan# 168

Delta R.T. 0.00 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

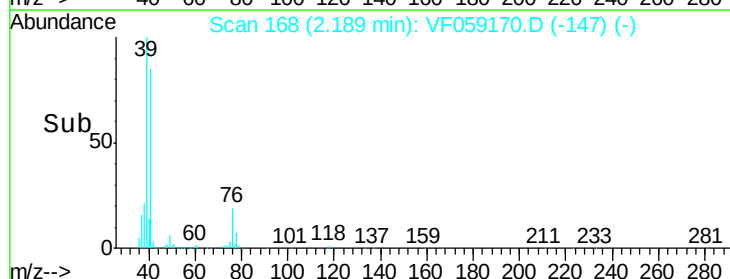
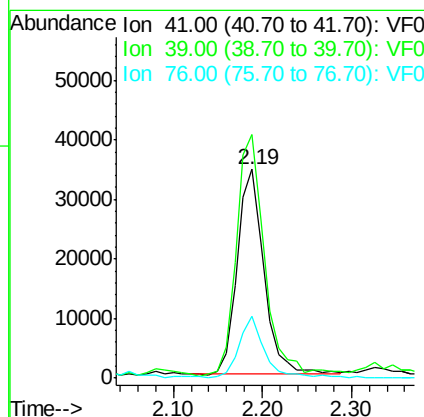
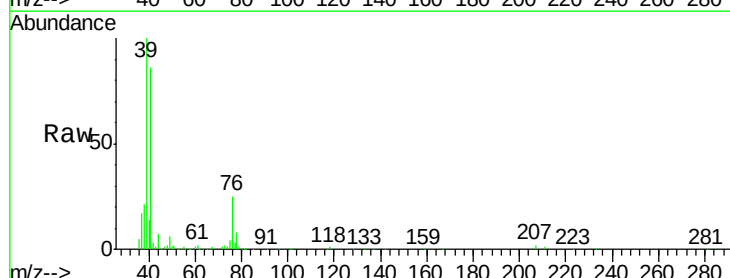
Tgt Ion: 41 Resp: 72694

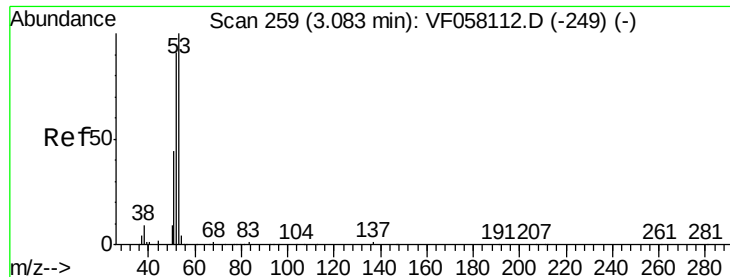
Ion Ratio Lower Upper

41 100

39 116.8 93.5 140.3

76 29.4 23.9 35.9





#15

Acrylonitrile

Concen: 107.051 ug/l

RT: 3.07 min Scan# 257

Delta R.T. -0.02 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

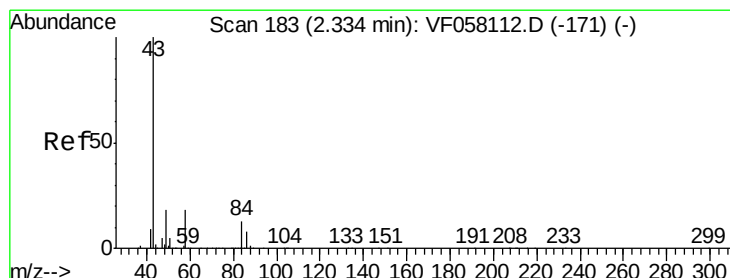
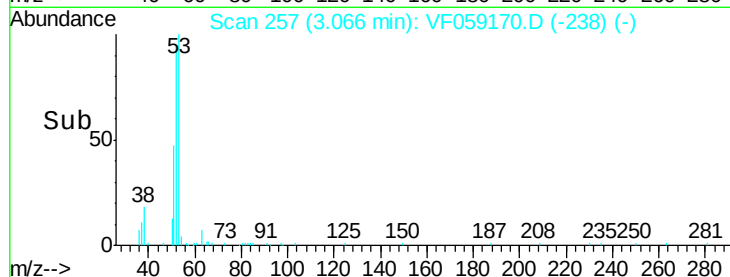
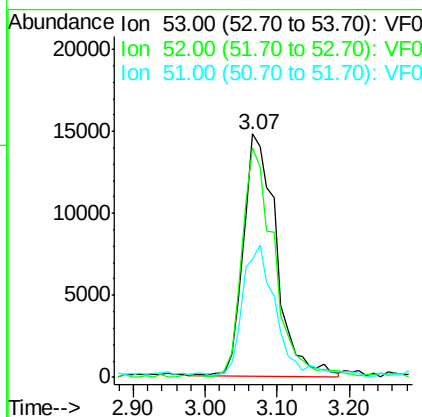
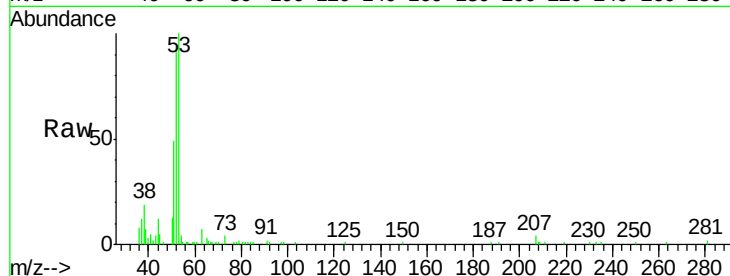
ClientSampleId :

VF0618SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 47241 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 94.4  | 73.2  | 109.8 |
| 51       | 48.5  | 35.6  | 53.4  |

Manual Integrations  
APPROVED

apatel  
6/19/2018 3:33:33 PM



#16

Acetone

Concen: 126.648 ug/l

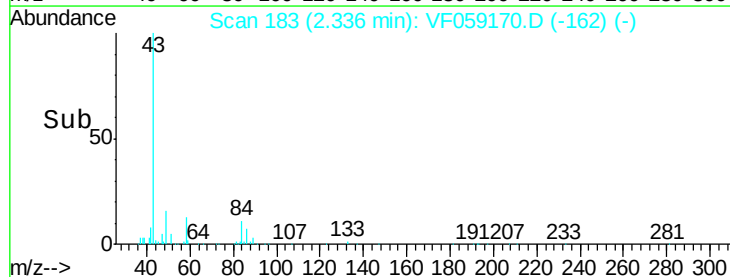
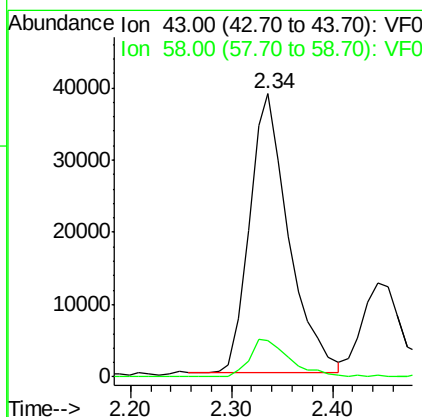
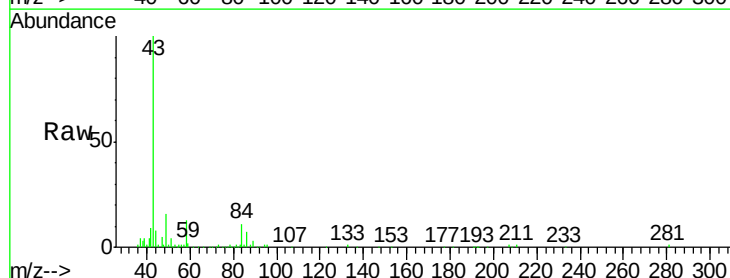
RT: 2.34 min Scan# 183

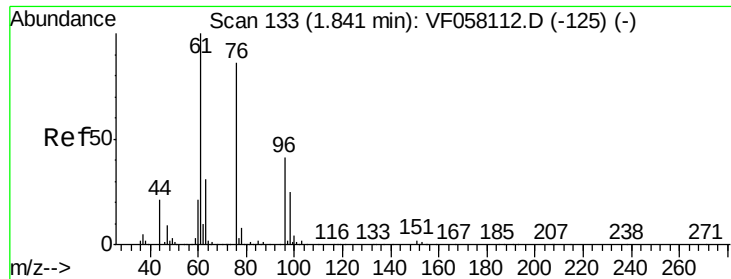
Delta R.T. 0.00 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 104861 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 13.0  | 14.4  | 21.6#  |





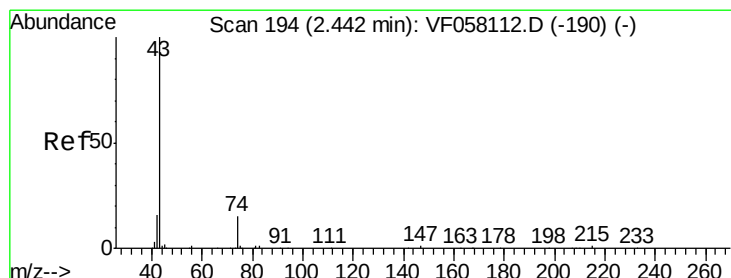
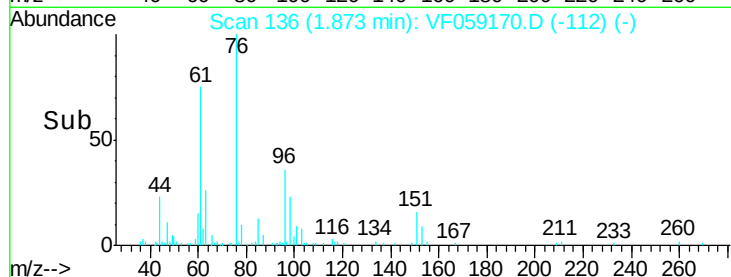
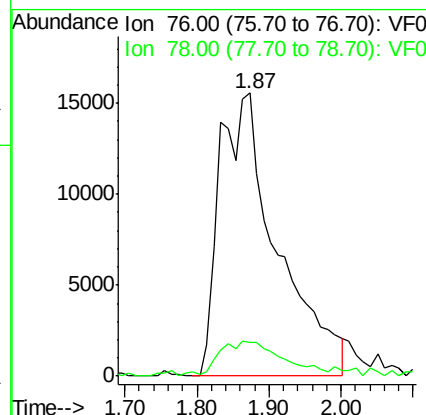
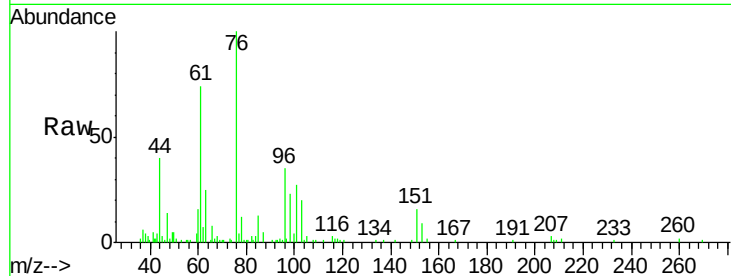
#17  
Carbon Disulfide  
Concen: 16.328 ug/l  
RT: 1.87 min Scan# 136  
Delta R.T. 0.03 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 11.9  | 7.8   | 11.8# |

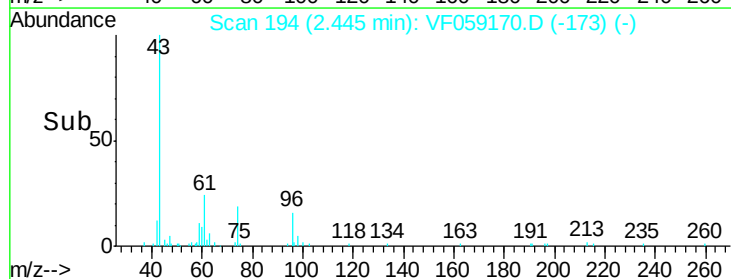
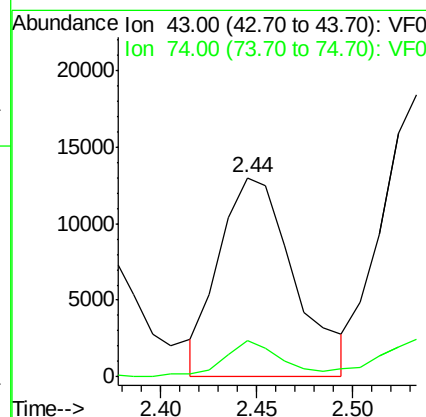
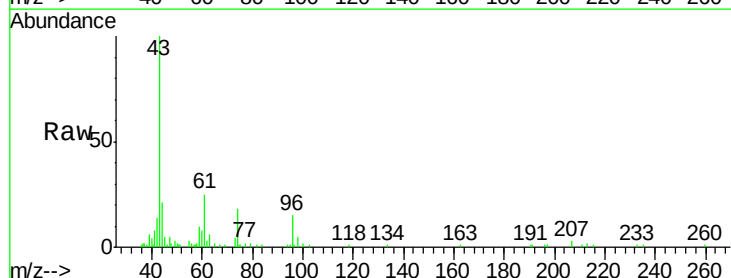
Manual Integrations  
APPROVED

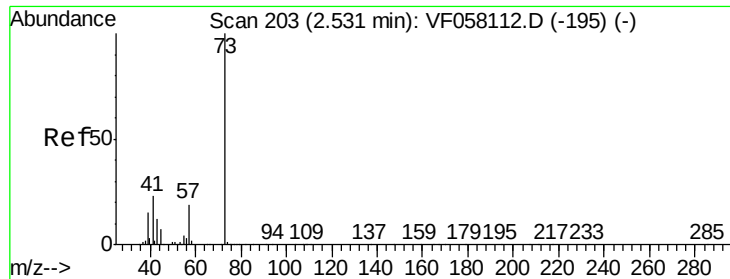
apatel  
6/19/2018 3:33:33 PM



#18  
Methyl Acetate  
Concen: 24.893 ug/l m  
RT: 2.44 min Scan# 194  
Delta R.T. 0.00 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 18.1  | 10.9  | 16.3# |





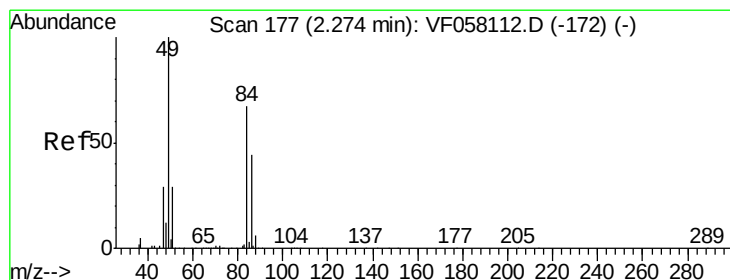
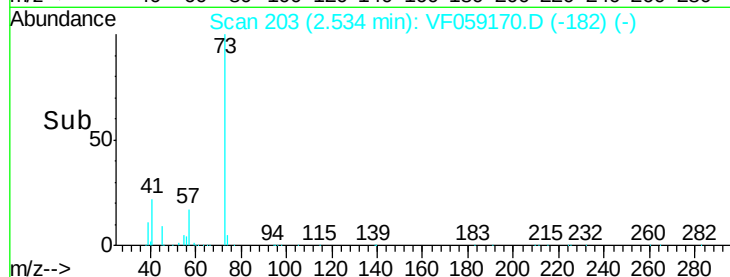
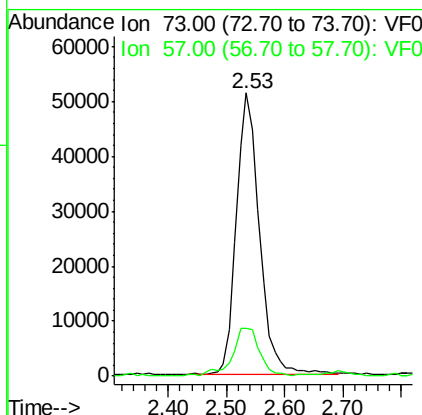
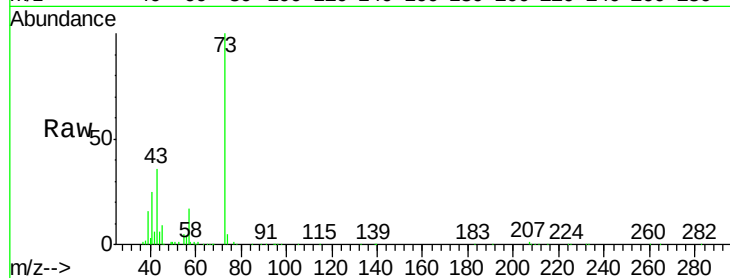
#19  
Methyl tert-butyl Ether  
Concen: 24.390 ug/l  
RT: 2.53 min Scan# 203  
Delta R.T. 0.00 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 16.8  | 15.0  | 22.4  |

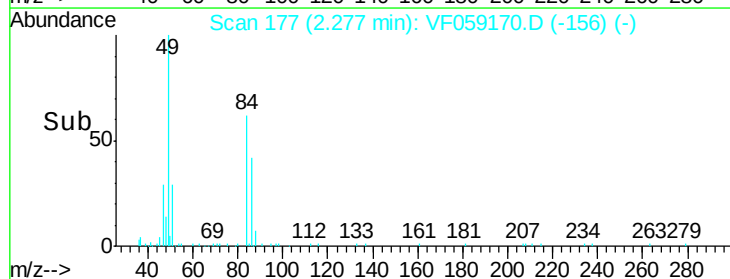
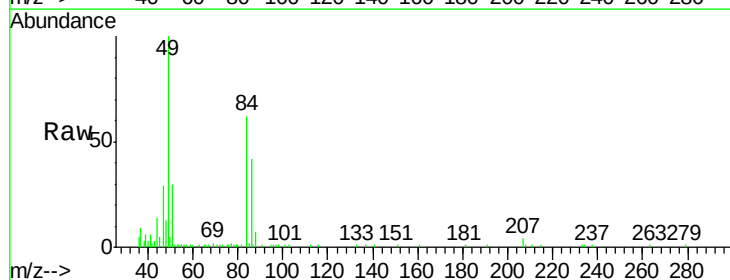
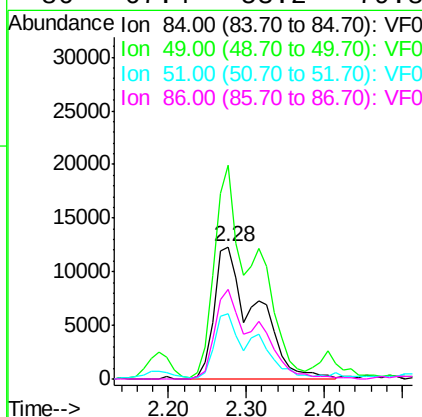
Manual Integrations  
APPROVED

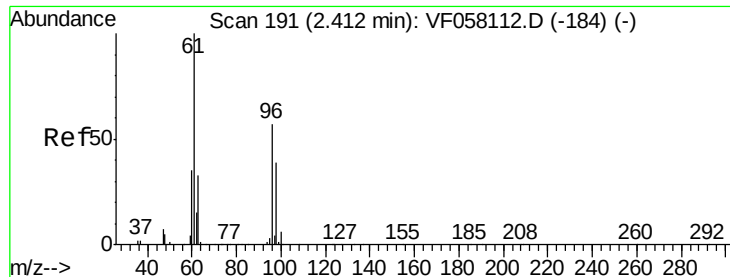
apatel  
6/19/2018 3:33:33 PM



#20  
Methylene Chloride  
Concen: 23.107 ug/l m  
RT: 2.28 min Scan# 177  
Delta R.T. 0.00 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 161.3 | 121.0 | 181.4 |
| 51      | 49.2  | 35.8  | 53.6  |
| 86      | 67.4  | 53.2  | 79.8  |





#21

trans-1,2-Dichloroethene

Concen: 19.879 ug/l

RT: 2.41 min Scan# 190

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

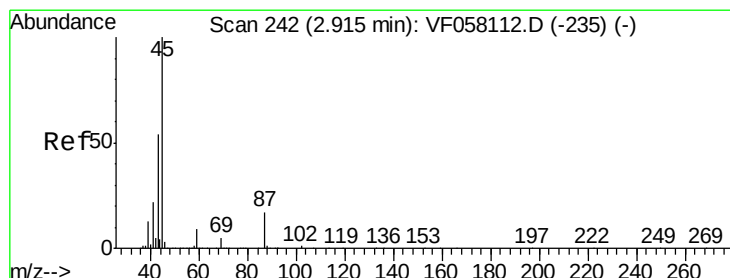
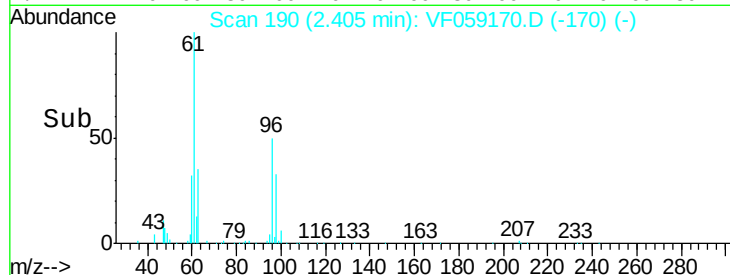
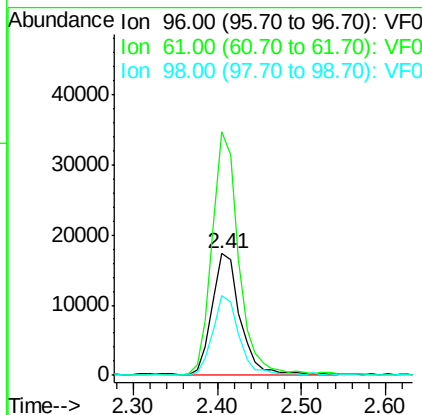
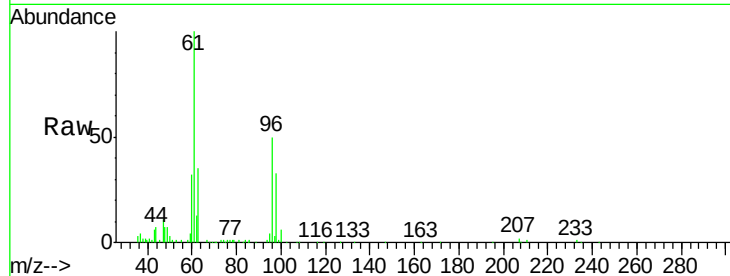
ClientSampleId :

VF0618SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 41076 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 200.0 | 139.4 | 209.2 |
| 98       | 65.9  | 54.0  | 81.0  |

Manual Integrations  
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apatel  
6/19/2018 3:33:33 PM



#22

Diisopropyl ether

Concen: 21.439 ug/l

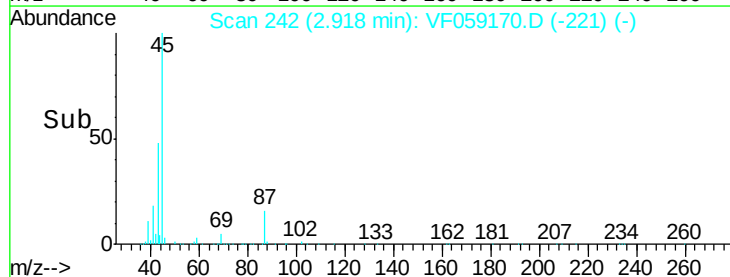
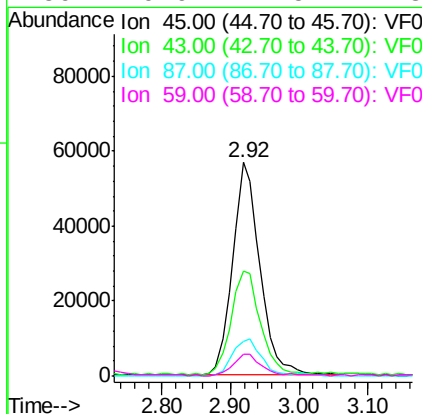
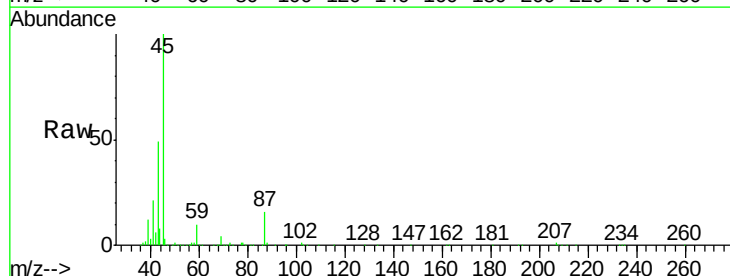
RT: 2.92 min Scan# 242

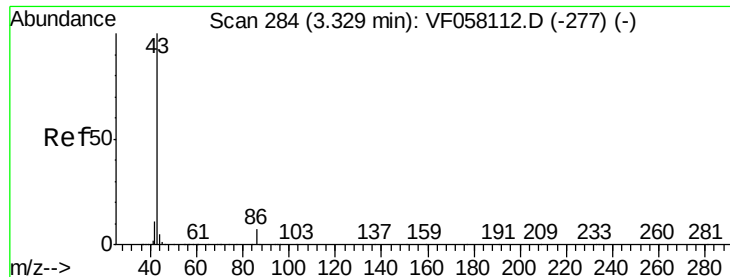
Delta R.T. 0.00 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 155842 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 49.2  | 43.2  | 64.8   |
| 87       | 16.3  | 13.8  | 20.6   |
| 59       | 9.9   | 7.5   | 11.3   |





#23

Vinyl Acetate

Concen: 112.532 ug/l

RT: 3.32 min Scan# 283

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

ClientSampleId :

VF0618SBS01

Tot Ion: 43 Resp: 539353

Ion Ratio Lower Upper

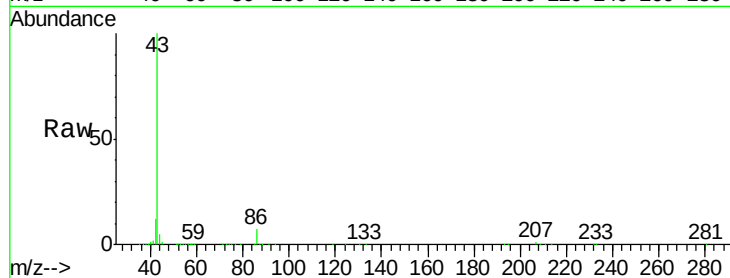
43 100

86 6.6 6.0 9.0

Manual Integrations  
APPROVED

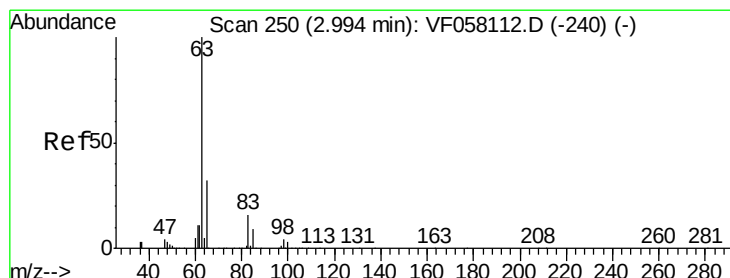
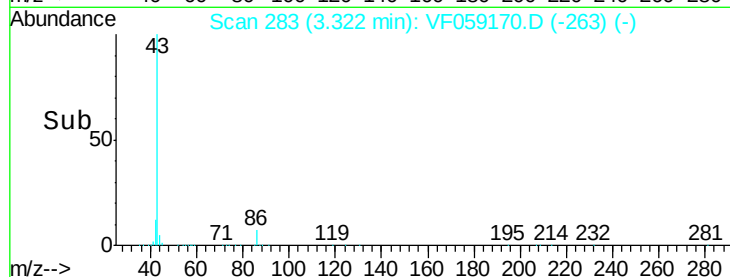
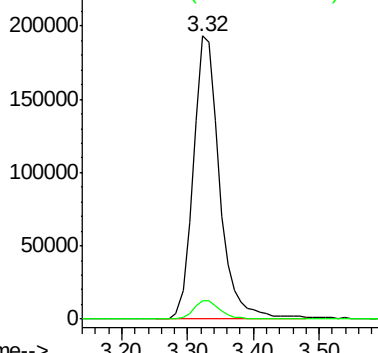
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 21.451 ug/l

RT: 3.00 min Scan# 250

Delta R.T. 0.00 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

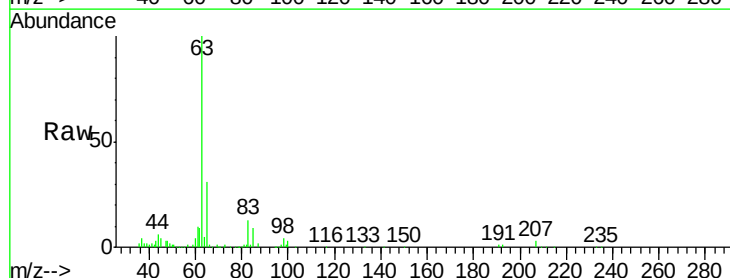
Tgt Ion: 63 Resp: 94536

Ion Ratio Lower Upper

63 100

98 3.6 2.0 6.0

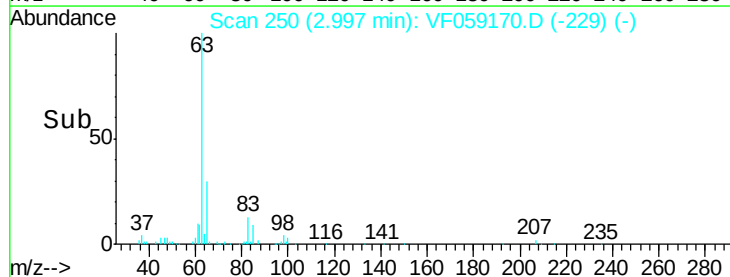
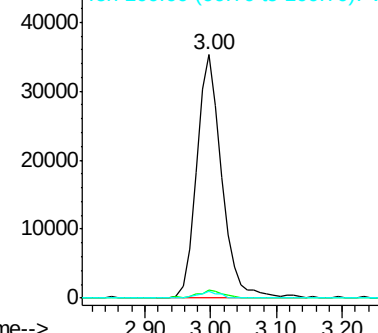
100 2.8 1.4 4.0



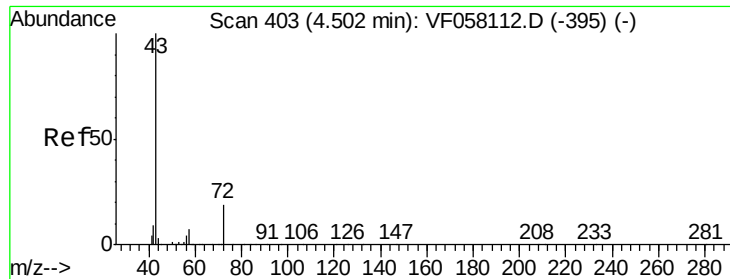
Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0







#25

2-Butanone

Concen: 107.145 ug/l

RT: 4.51 min Scan# 403

Delta R.T. 0.00 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

ClientSampleId :

VF0618SBS01

Tot Ion: 43 Resp: 137536

Ion Ratio Lower Upper

43 100

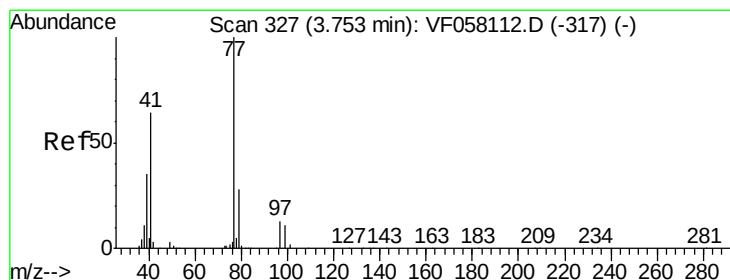
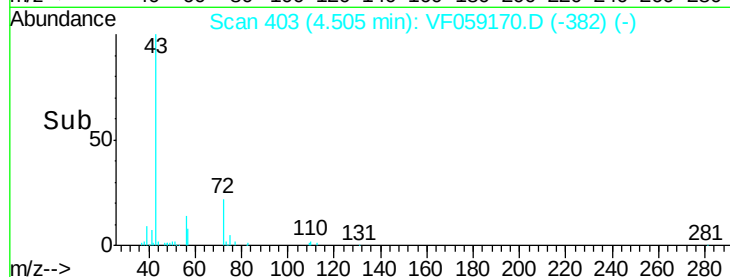
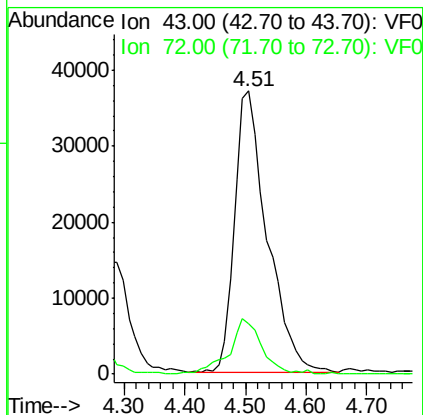
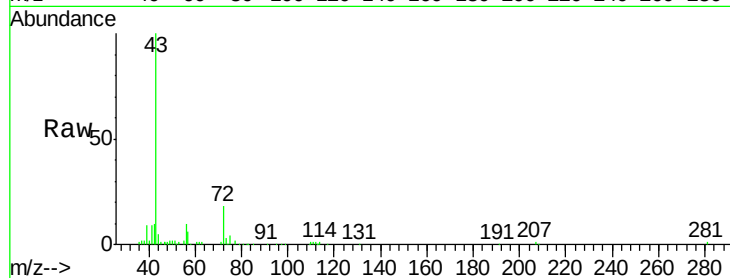
72 17.8 16.1 24.1

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#26

2,2-Dichloropropane

Concen: 21.948 ug/l

RT: 3.75 min Scan# 326

Delta R.T. -0.01 min

Lab File: VF059170.D

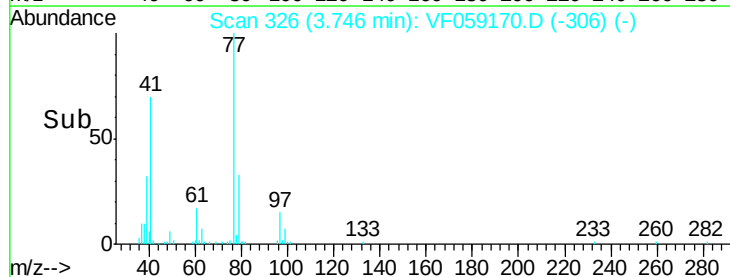
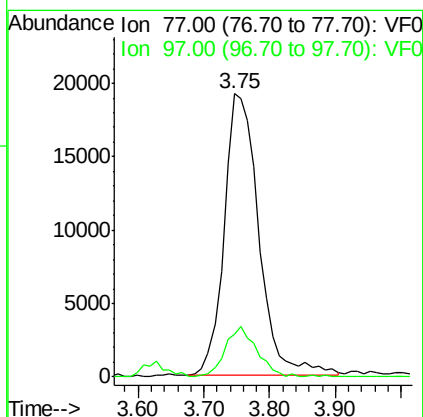
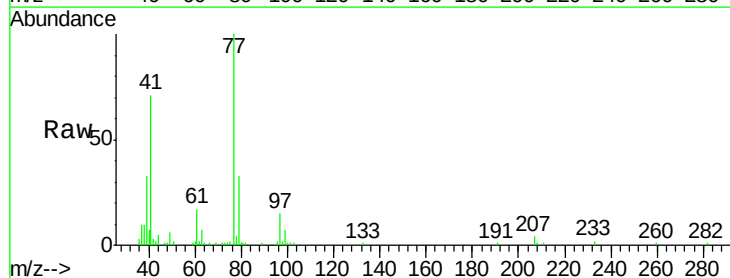
Acq: 18 Jun 2018 12:42

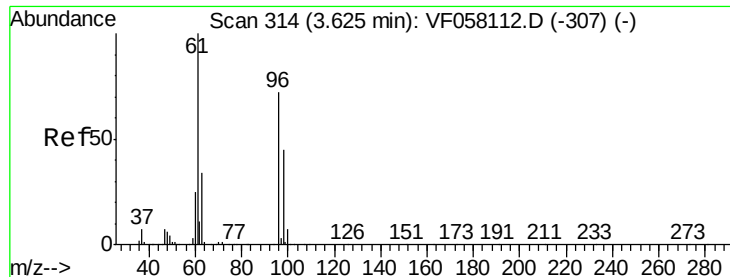
Tgt Ion: 77 Resp: 70172

Ion Ratio Lower Upper

77 100

97 14.9 7.2 21.6





#27

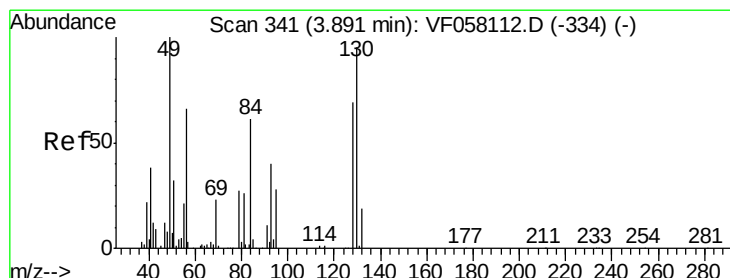
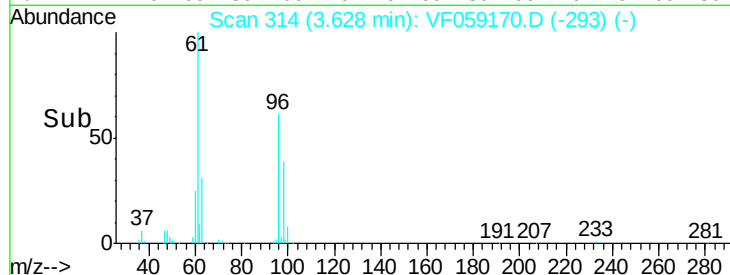
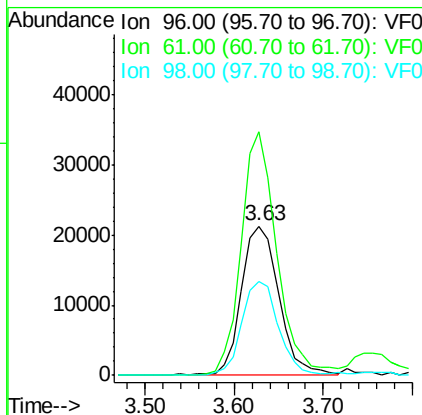
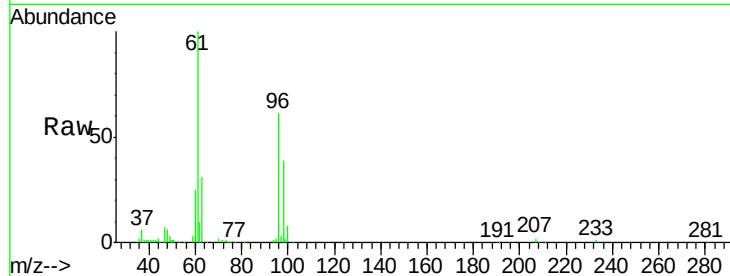
cis-1,2-Dichloroethene  
Concen: 19.526 ug/l  
RT: 3.63 min Scan# 314  
Delta R.T. 0.00 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 163.5 | 0.0   | 278.6 |
| 98      | 63.1  | 0.0   | 125.2 |

Manual Integrations  
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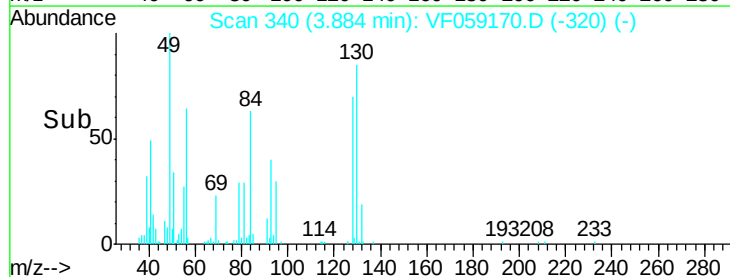
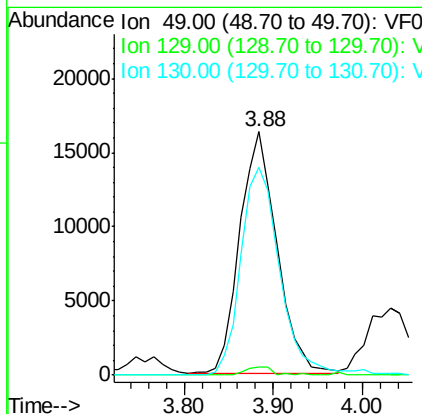
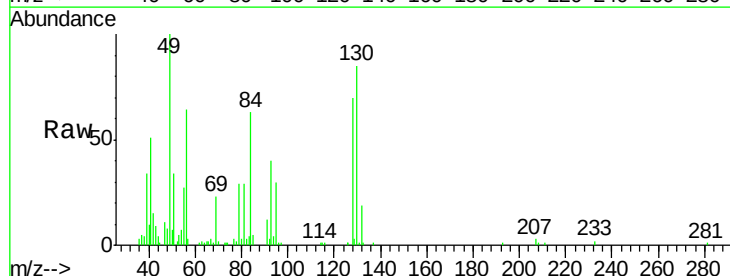
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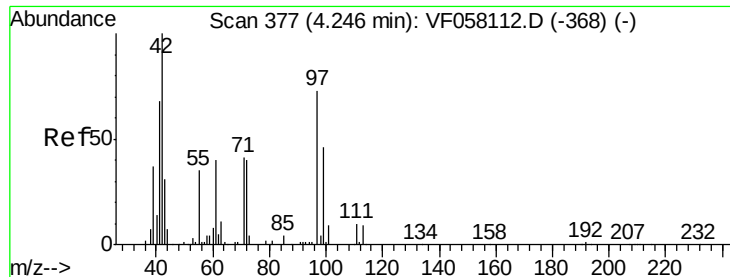


#28

Bromochloromethane  
Concen: 23.524 ug/l  
RT: 3.88 min Scan# 340  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 3.4   | 0.0   | 0.0#  |
| 130     | 85.2  | 75.8  | 113.8 |





#29

Tetrahydrofuran

Concen: 113.273 ug/l

RT: 4.24 min Scan# 376

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

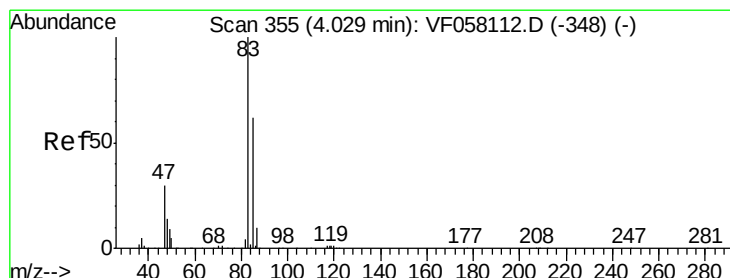
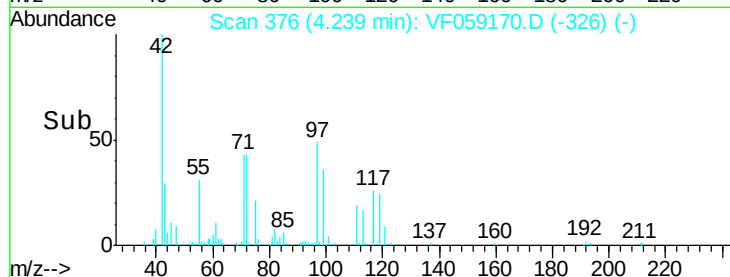
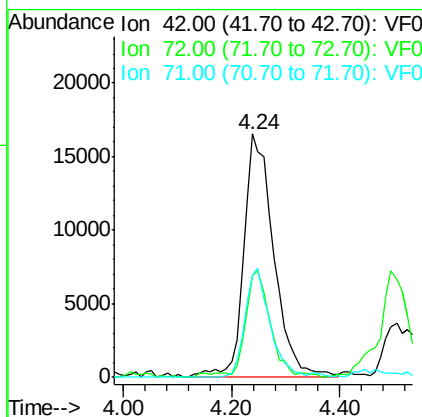
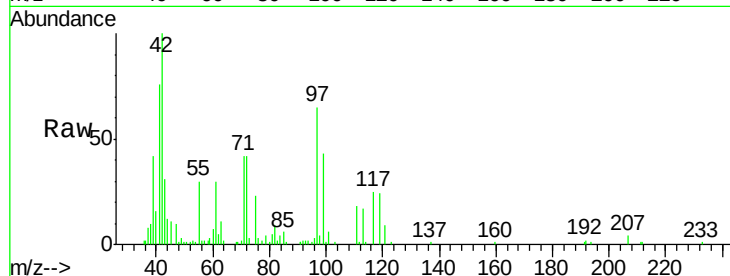
ClientSampleId :

VF0618SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 42    | Resp: | 64068 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 35.7  | 30.5  | 45.7  |
| 71       | 36.7  | 31.5  | 47.3  |

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#30

Chloroform

Concen: 22.131 ug/l

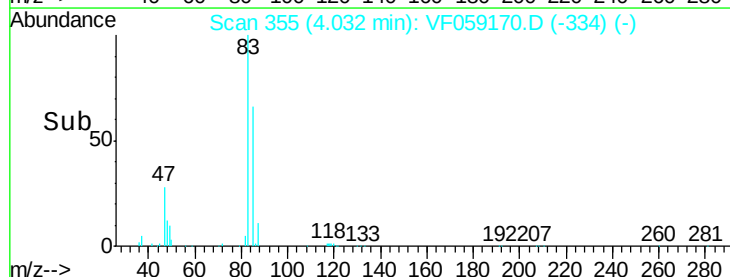
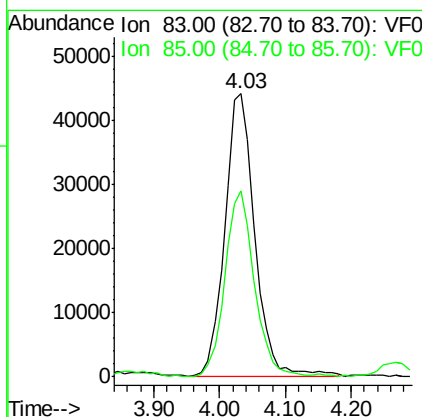
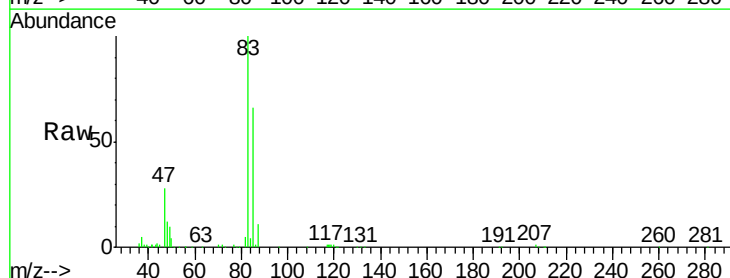
RT: 4.03 min Scan# 355

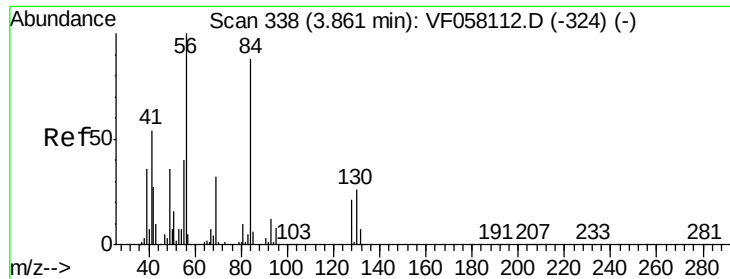
Delta R.T. 0.00 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 139520 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.7  | 49.5  | 74.3   |





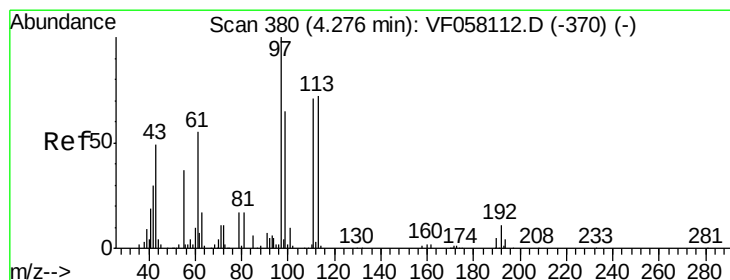
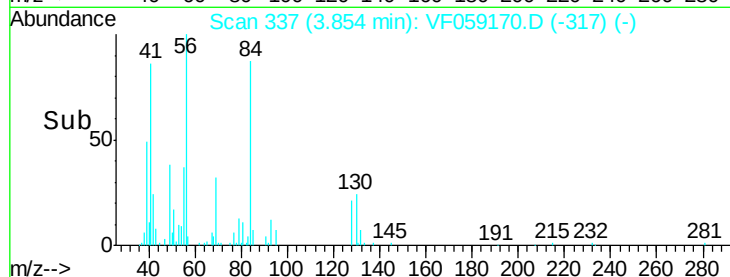
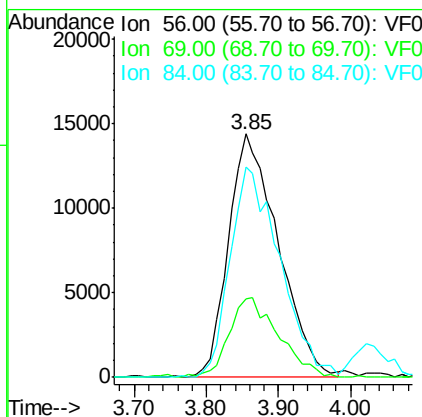
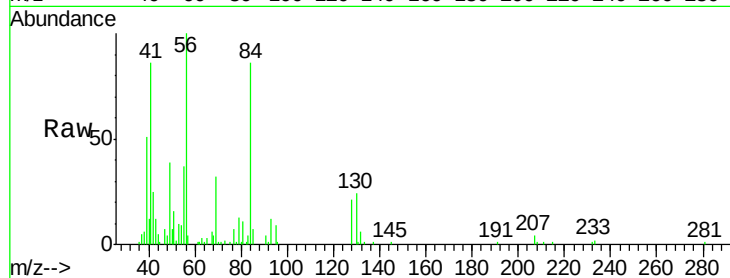
#31  
Cyclohexane  
Concen: 17.926 ug/l  
RT: 3.85 min Scan# 337  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.5  | 25.9  | 38.9  |
| 84      | 86.2  | 70.3  | 105.5 |

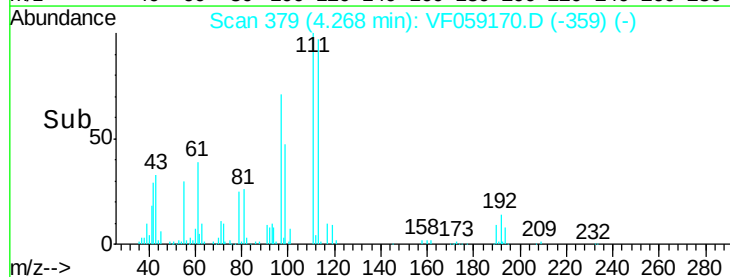
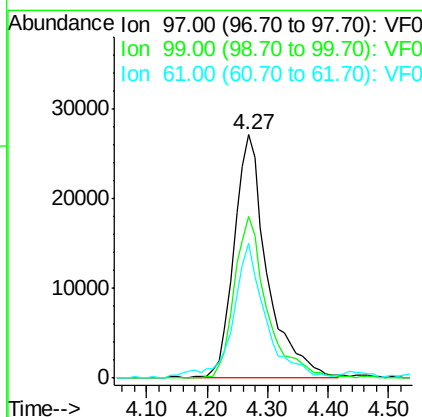
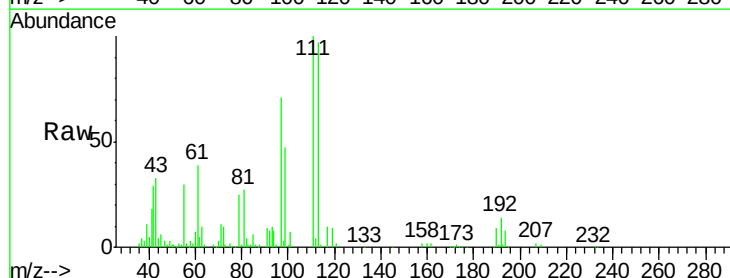
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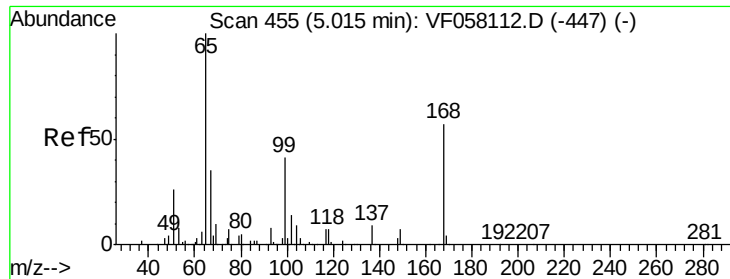
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6/19/2018 3:33:33 PM



#32  
1,1,1-Trichloroethane  
Concen: 21.951 ug/l  
RT: 4.27 min Scan# 379  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 66.6  | 52.0  | 78.0  |
| 61      | 55.6  | 44.3  | 66.5  |





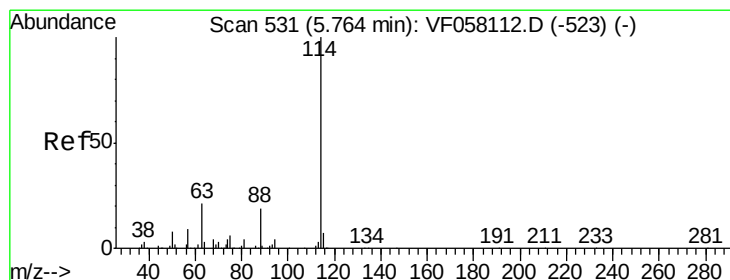
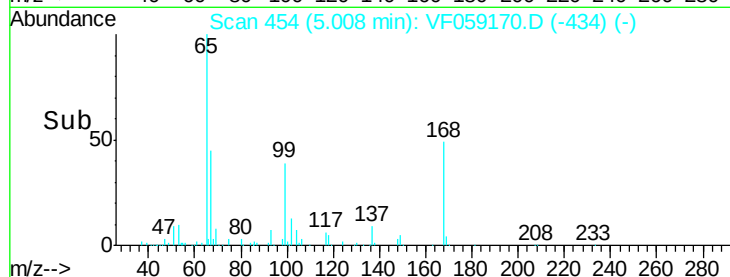
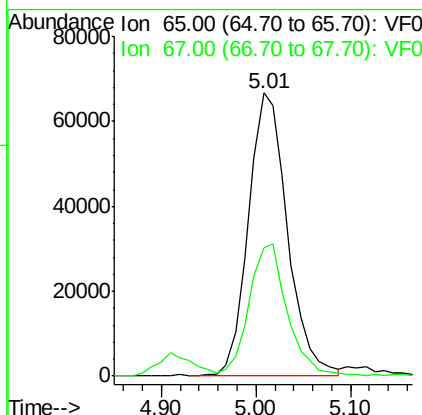
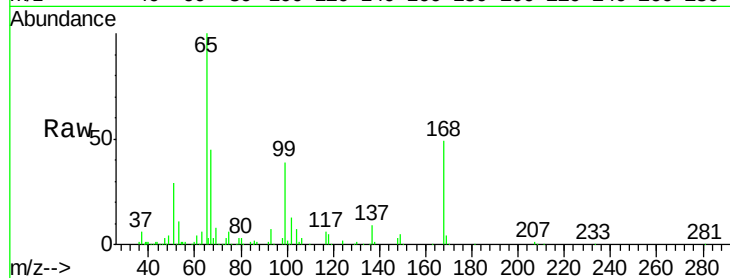
#33  
 1,2-Dichloroethane-d4  
 Concen: 54.972 ug/l  
 RT: 5.01 min Scan# 454  
 Delta R.T. -0.01 min  
 Lab File: VF059170.D  
 Acq: 18 Jun 2018 12:42

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0618SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 190632 |       |       |
| 67      | 45.2  | 0.0    | 97.0  |       |

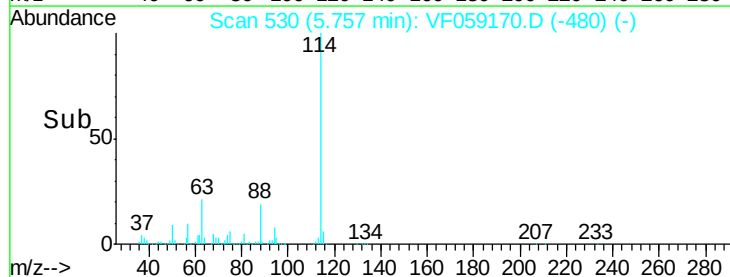
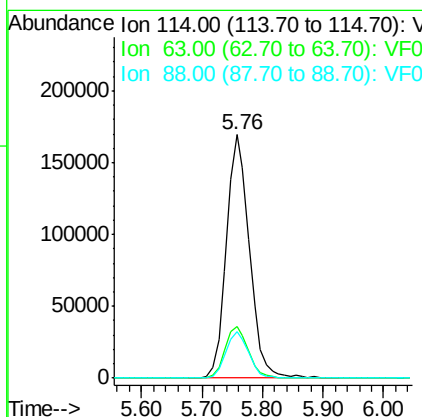
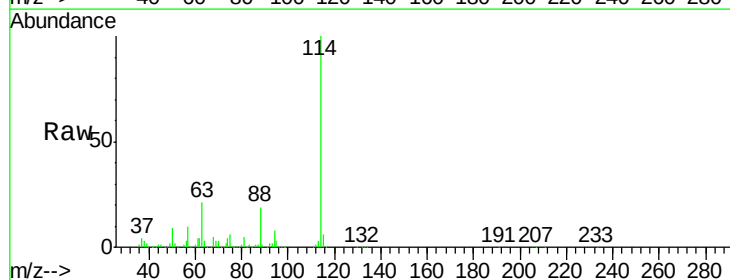
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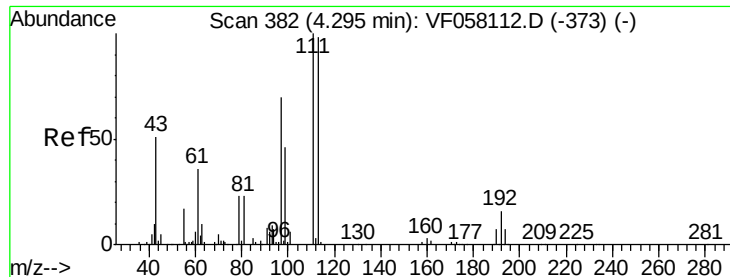
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.76 min Scan# 530  
 Delta R.T. -0.01 min  
 Lab File: VF059170.D  
 Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 449068 |       |       |
| 63      | 21.2  | 0.0    | 41.6  |       |
| 88      | 19.3  | 0.0    | 38.8  |       |





#35

Dibromofluoromethane

Concen: 54.636 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

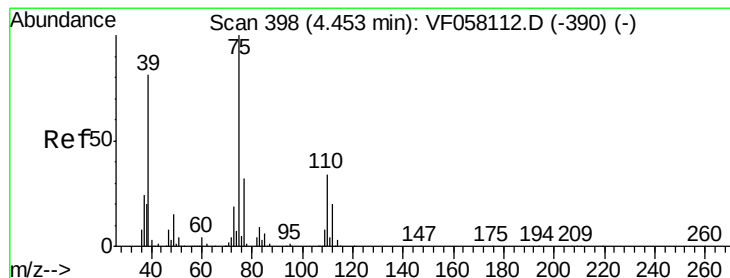
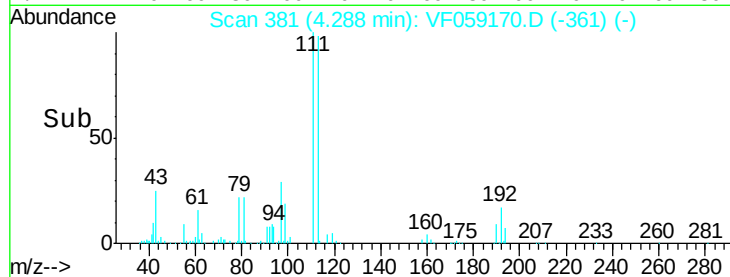
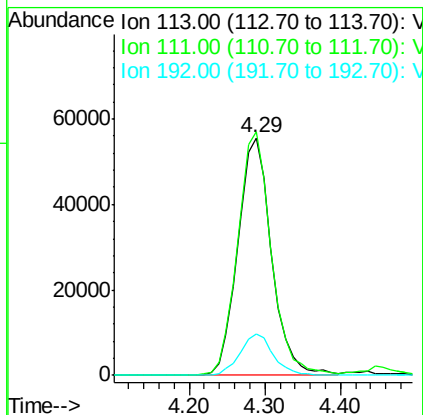
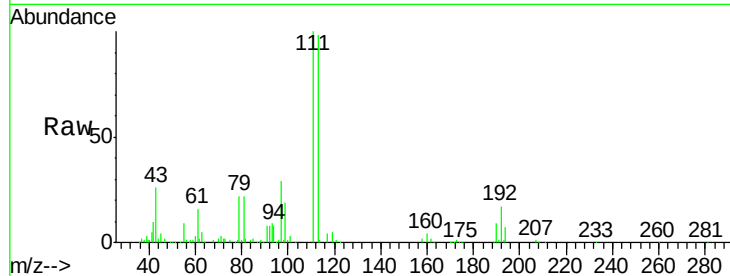
ClientSampleId :

VF0618SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 172157 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.4 | 81.3  | 121.9  |
| 192       | 17.2  | 12.7  | 19.1   |

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#36

1,1-Dichloropropene

Concen: 20.649 ug/l

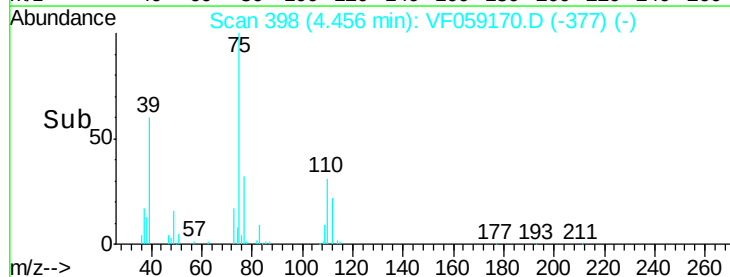
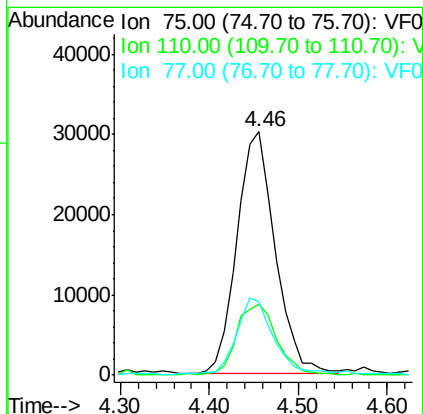
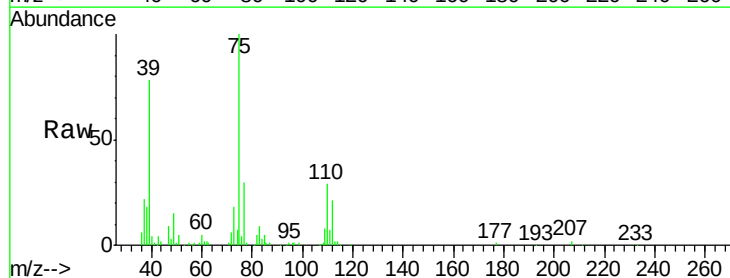
RT: 4.46 min Scan# 398

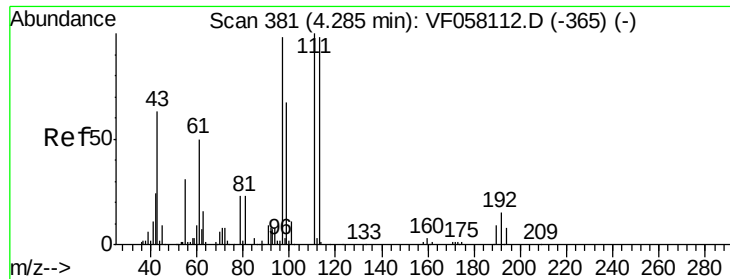
Delta R.T. 0.00 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 89880 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 29.3  | 17.0  | 50.9  |
| 77        | 30.3  | 25.3  | 37.9  |





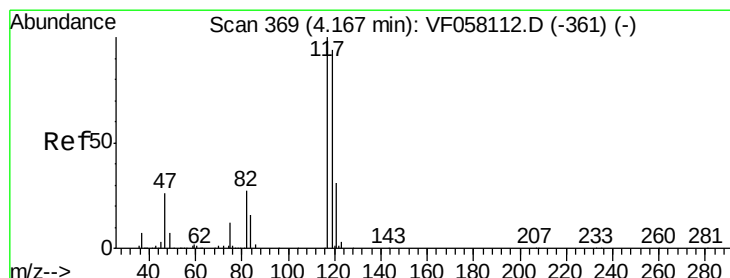
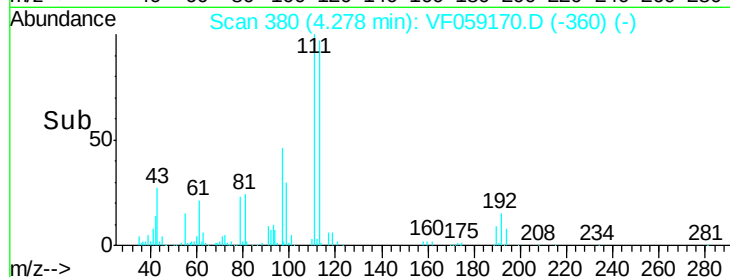
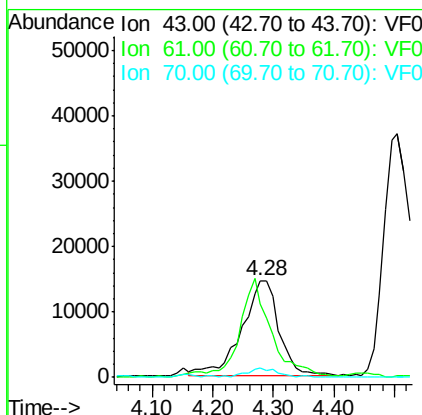
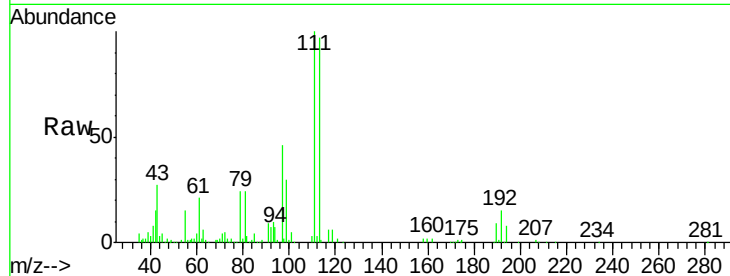
#37  
Ethyl Acetate  
Concen: 22.968 ug/l  
RT: 4.28 min Scan# 380  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0618SBS01

| Tot Ion | 43   | 61   | 70   | Ratio | Lower | Upper | Resp  |
|---------|------|------|------|-------|-------|-------|-------|
| 43      | 100  |      |      |       |       |       | 61772 |
| 61      | 76.1 | 63.0 | 94.4 |       |       |       |       |
| 70      | 9.1  | 7.5  | 11.3 |       |       |       |       |

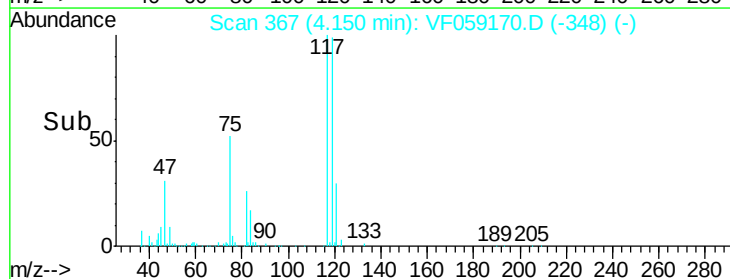
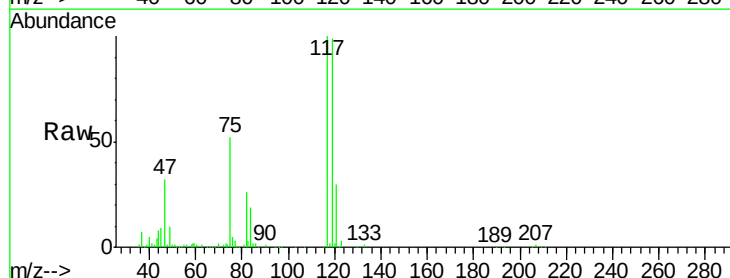
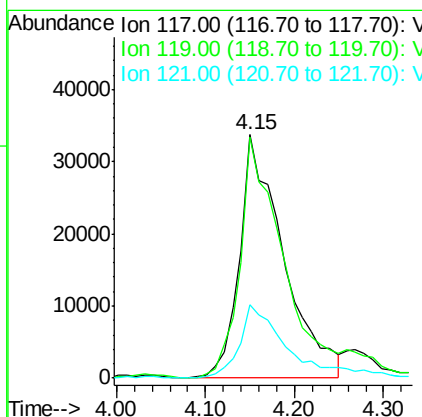
Manual Integrations  
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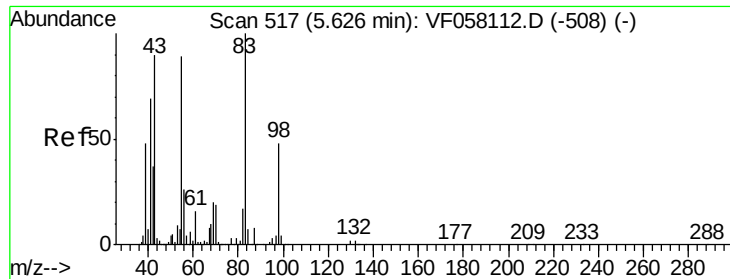
apatel  
6/19/2018 3:33:33 PM



#38  
Carbon Tetrachloride  
Concen: 24.520 ug/l  
RT: 4.15 min Scan# 367  
Delta R.T. -0.02 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

| Tgt Ion | 117  | 119  | 121   | Ratio | Lower | Upper | Resp   |
|---------|------|------|-------|-------|-------|-------|--------|
| 117     | 100  |      |       |       |       |       | 115671 |
| 119     | 98.9 | 75.7 | 113.5 |       |       |       |        |
| 121     | 30.2 | 24.8 | 37.2  |       |       |       |        |





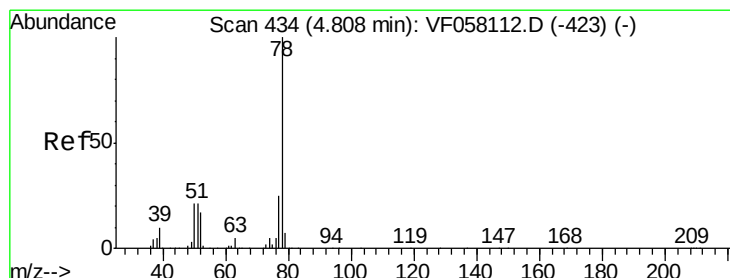
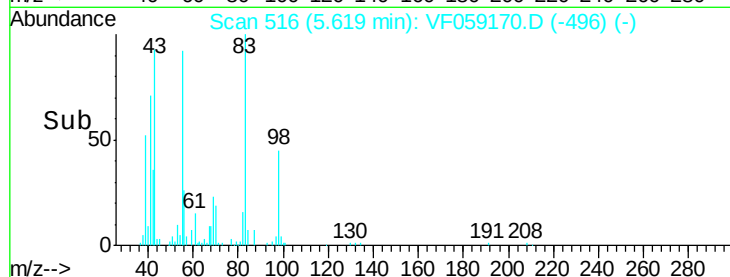
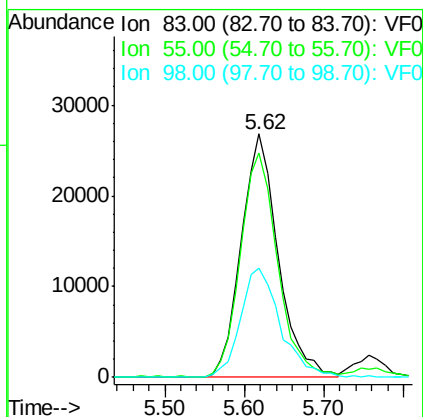
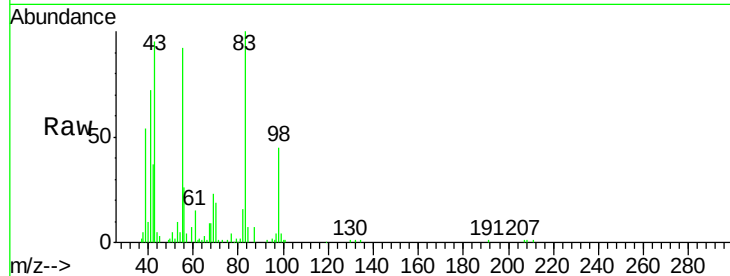
#39  
Methylvlcyclohexane  
Concen: 19.409 ug/l  
RT: 5.62 min Scan# 516  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 92.1  | 71.0  | 106.4 |
| 98      | 44.8  | 38.1  | 57.1  |

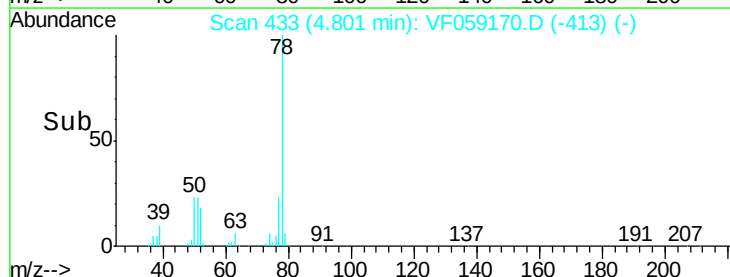
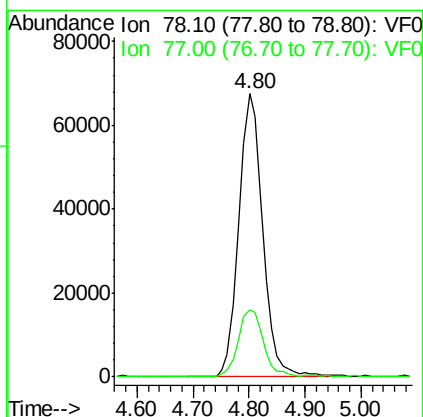
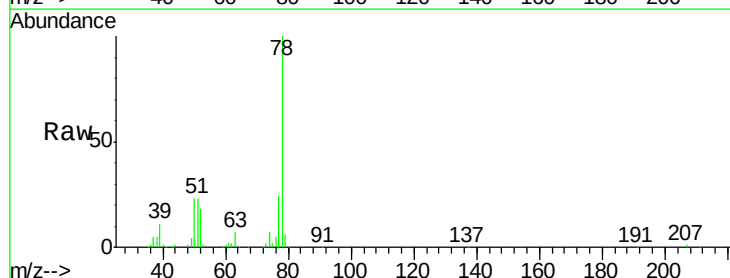
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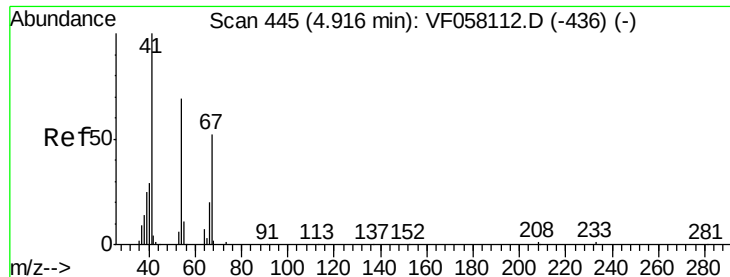


#40  
Benzene  
Concen: 19.863 ug/l  
RT: 4.80 min Scan# 433  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.6  | 20.2  | 30.2  |







#41

Methacrylonitrile

Concen: 23.037 ug/l

RT: 4.92 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

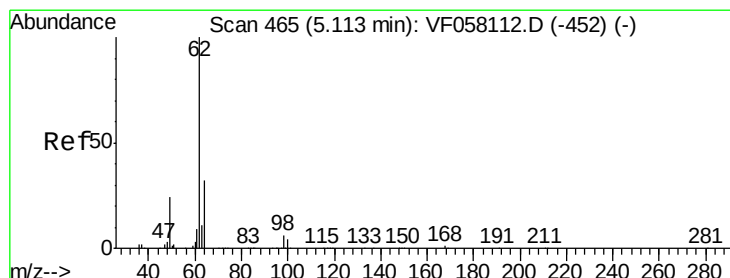
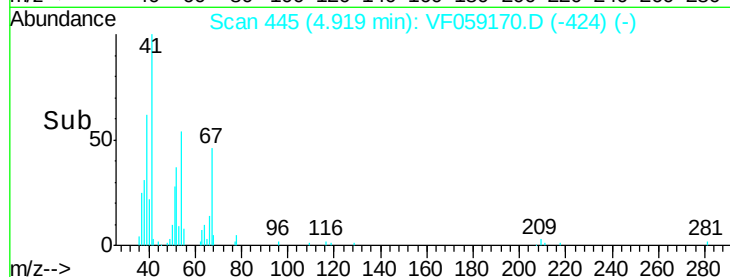
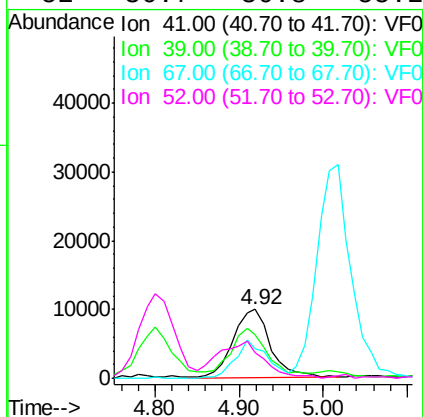
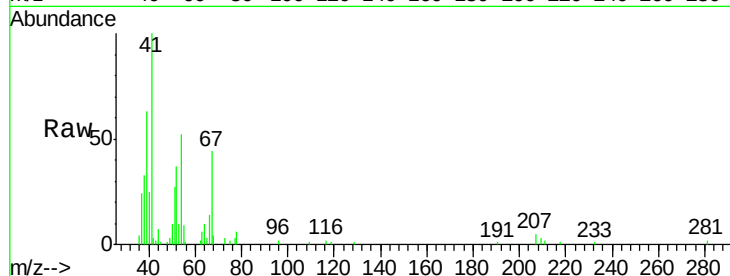
ClientSampleId :

VF0618SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 30440 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 62.7  | 53.0  | 79.4  |
| 67       | 43.8  | 41.0  | 61.6  |
| 52       | 36.7  | 36.8  | 55.2# |

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#42

1,2-Dichloroethane

Concen: 23.256 ug/l

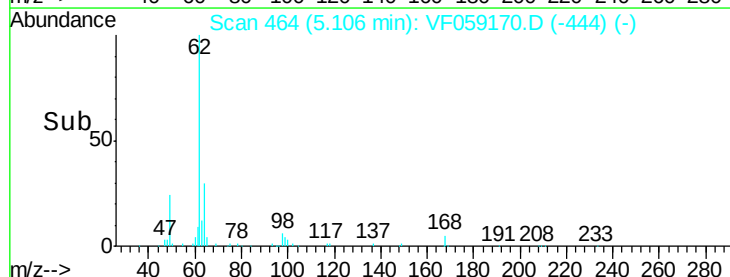
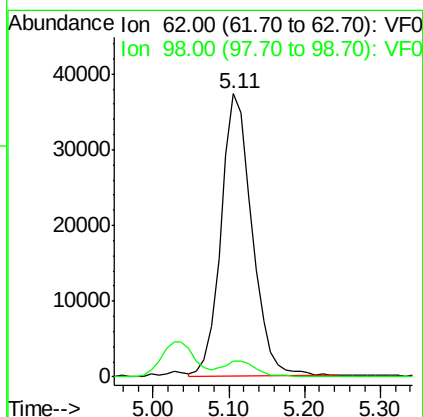
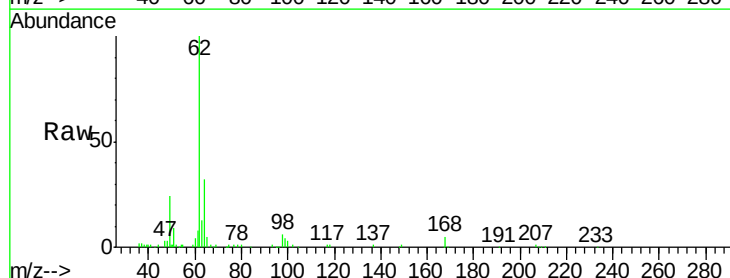
RT: 5.11 min Scan# 464

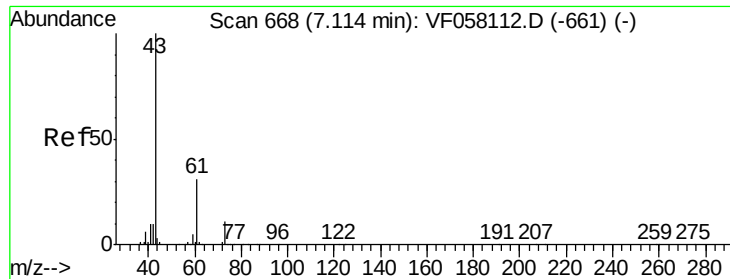
Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 105379 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 5.8   | 0.0   | 11.8   |





#43

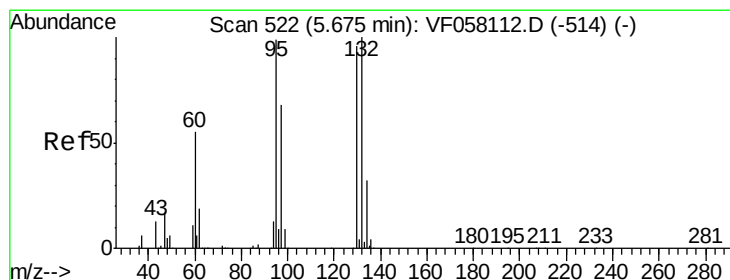
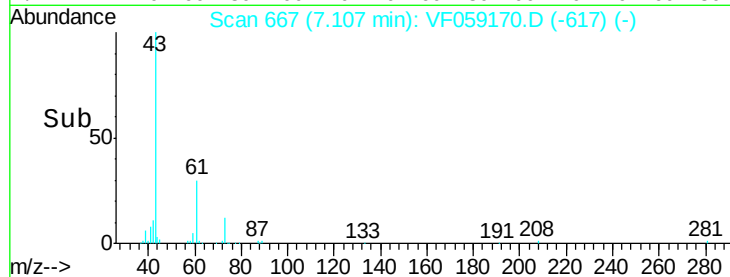
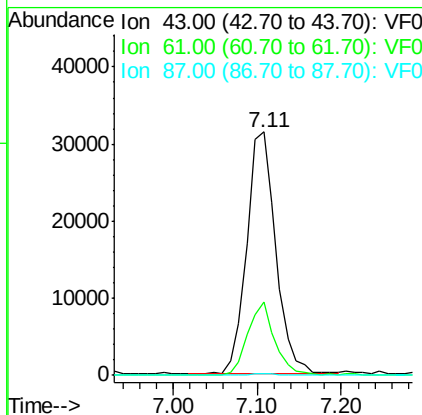
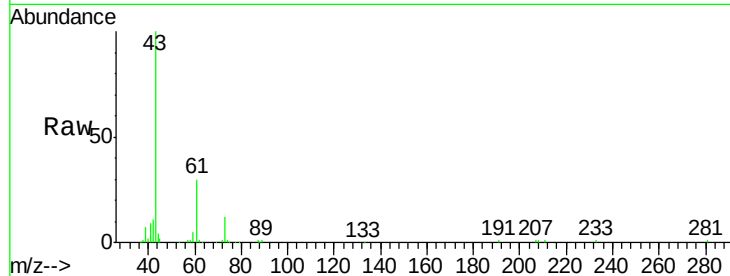
Isopropyl Acetate  
 Concen: 21.039 ug/l  
 RT: 7.11 min Scan# 667  
 Delta R.T. -0.01 min  
 Lab File: VF059170.D  
 Acq: 18 Jun 2018 12:42

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 30.0  | 25.1  | 37.7  |
| 87      | 0.5   | 0.2   | 0.4   |

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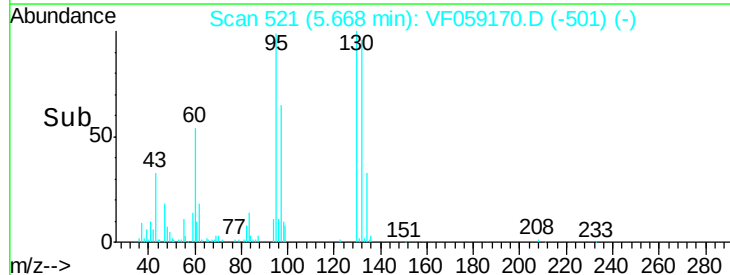
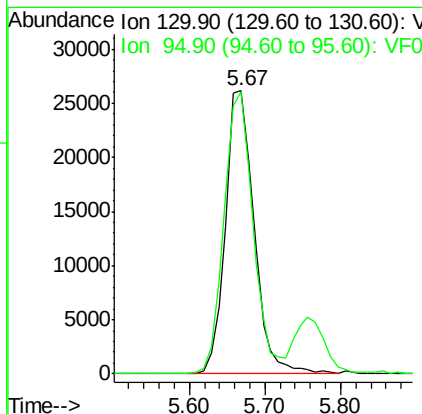
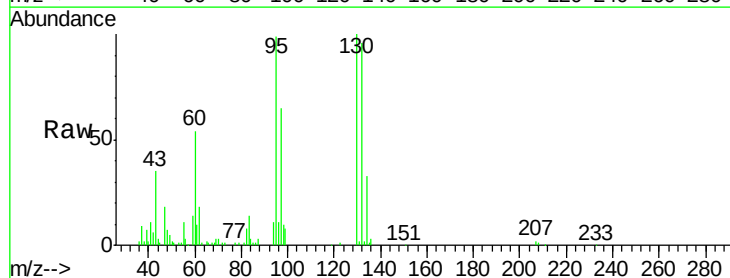
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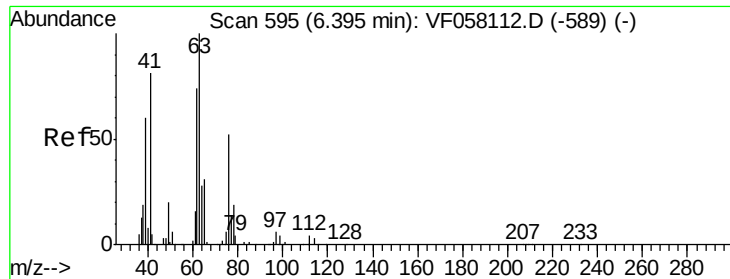


#44

Trichloroethene  
 Concen: 21.711 ug/l  
 RT: 5.67 min Scan# 521  
 Delta R.T. -0.01 min  
 Lab File: VF059170.D  
 Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 99.5  | 0.0   | 206.8 |





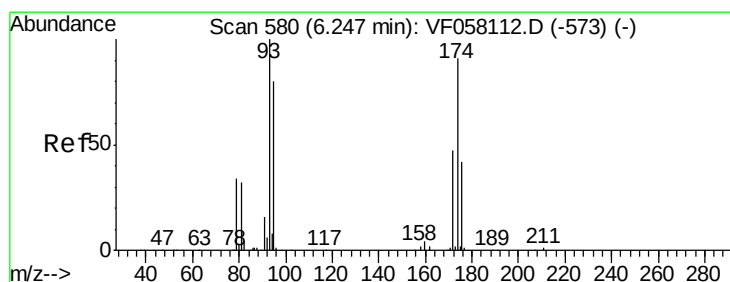
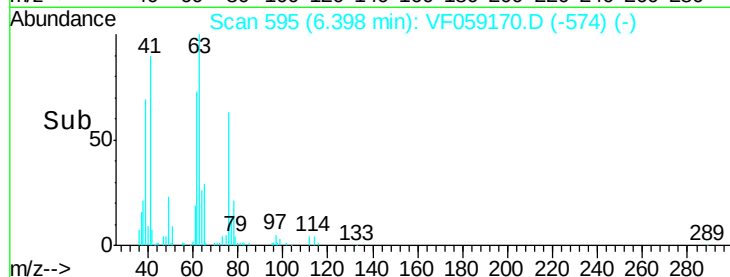
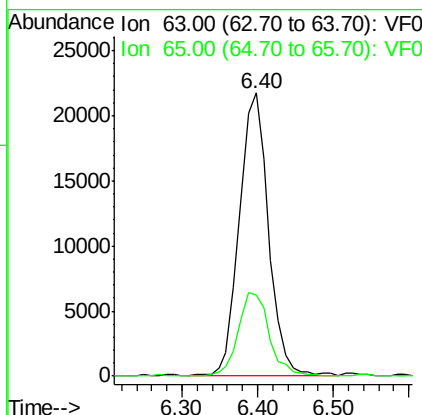
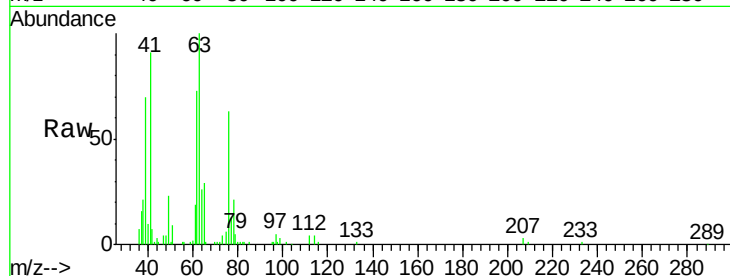
#45  
1,2-Dichloropropane  
Concen: 20.001 ug/l  
RT: 6.40 min Scan# 595  
Delta R.T. 0.00 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0618SBS01

Tot Ion: 63 Resp: 58264  
Ion Ratio Lower Upper  
63 100  
65 28.8 24.6 37.0

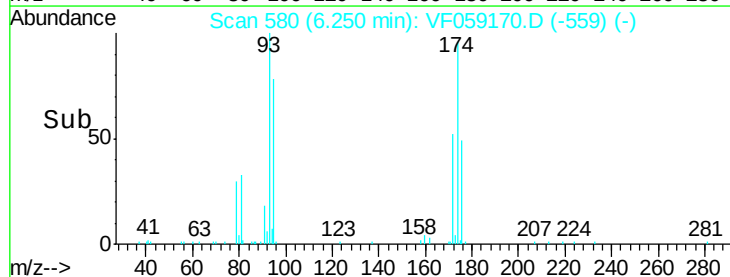
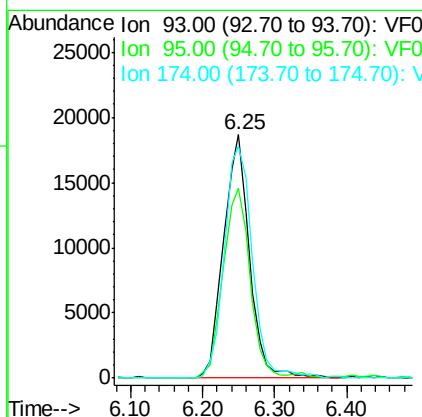
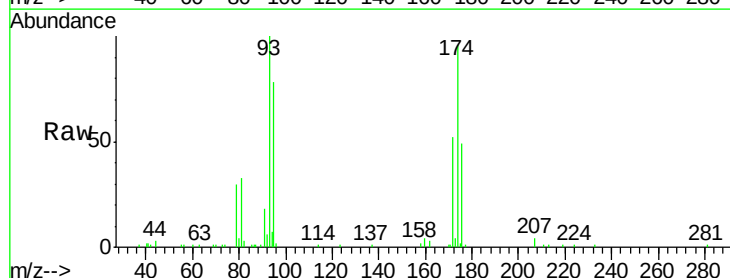
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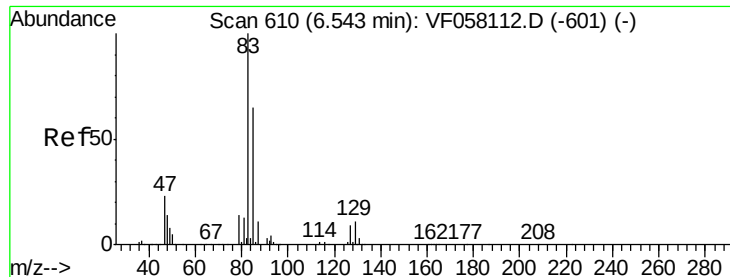
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#46  
Dibromomethane  
Concen: 21.179 ug/l  
RT: 6.25 min Scan# 580  
Delta R.T. 0.00 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Tgt Ion: 93 Resp: 46421  
Ion Ratio Lower Upper  
93 100  
95 77.9 64.2 96.4  
174 95.5 72.7 109.1





#47

Bromodichloromethane

Concen: 21.909 ug/l

RT: 6.54 min Scan# 609

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

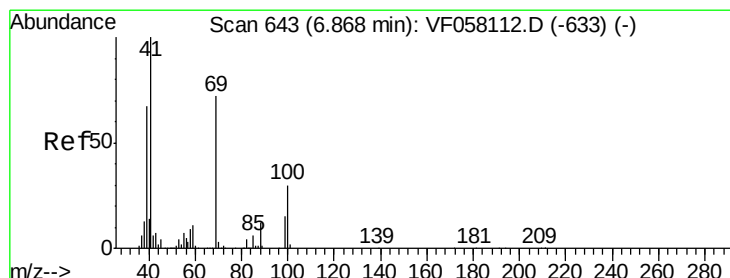
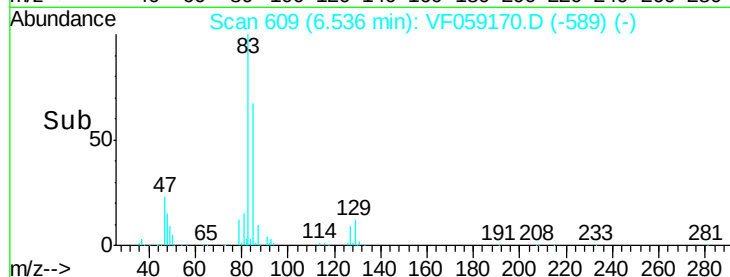
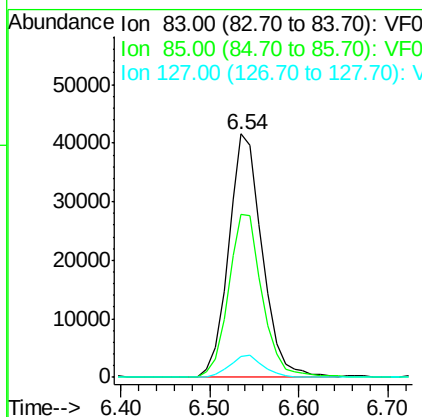
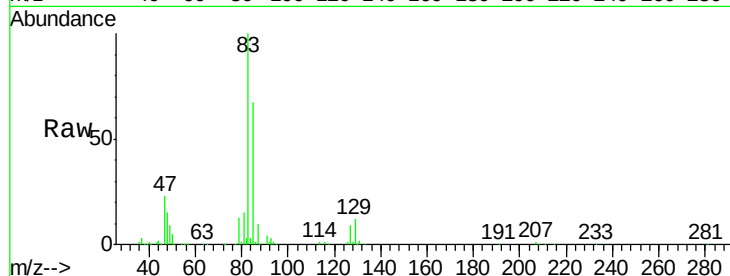
ClientSampleId :

VF0618SBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 109243 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 66.8  | 51.6  | 77.4   |
| 127      | 8.8   | 7.2   | 10.8   |

Manual Integrations  
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#48

Methyl methacrylate

Concen: 22.764 ug/l

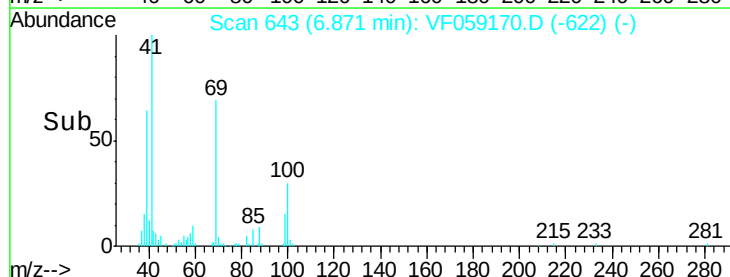
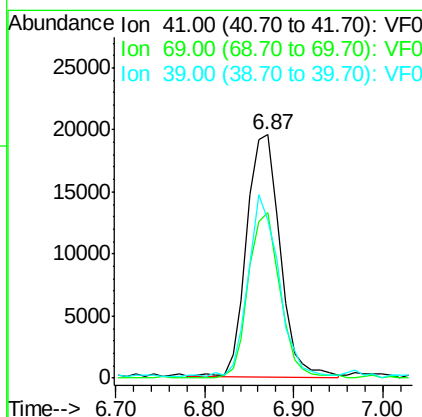
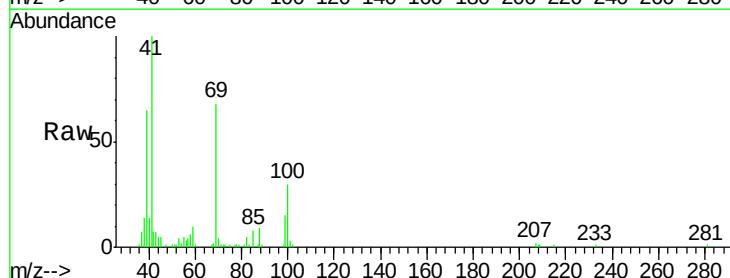
RT: 6.87 min Scan# 643

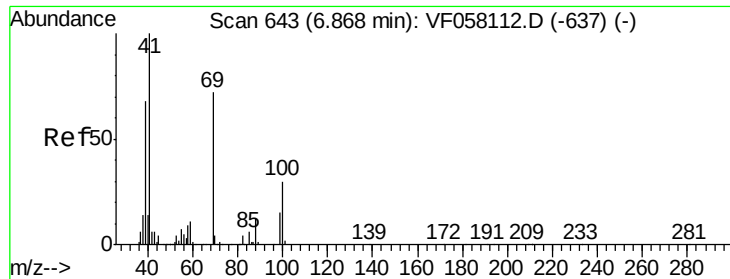
Delta R.T. 0.00 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 50546 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 67.9  | 57.2  | 85.8  |
| 39       | 64.8  | 54.3  | 81.5  |





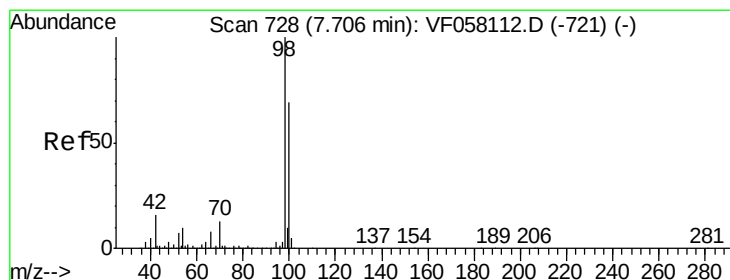
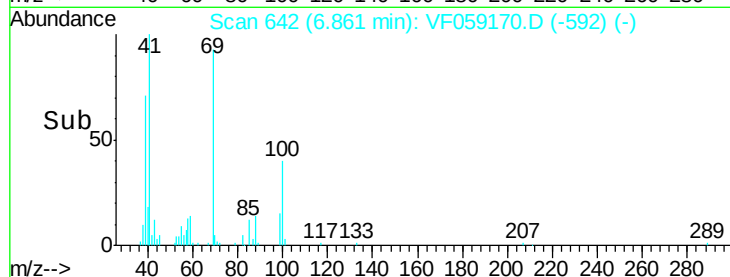
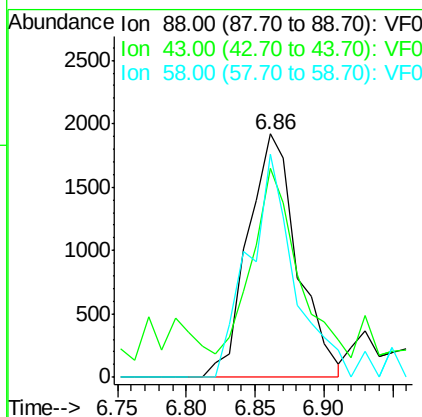
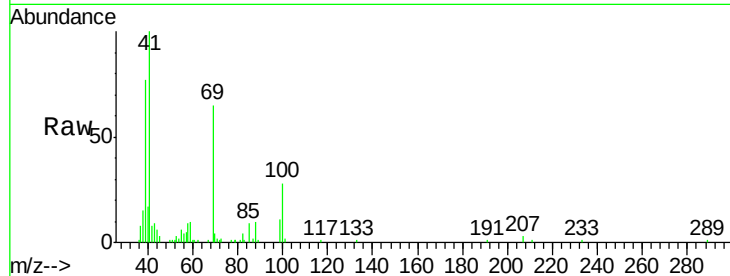
#49  
1,4-Dioxane  
Concen: 284.783 ug/l  
RT: 6.86 min Scan# 642  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 86.0  | 47.8  | 71.8# |
| 58      | 91.6  | 59.4  | 89.0# |

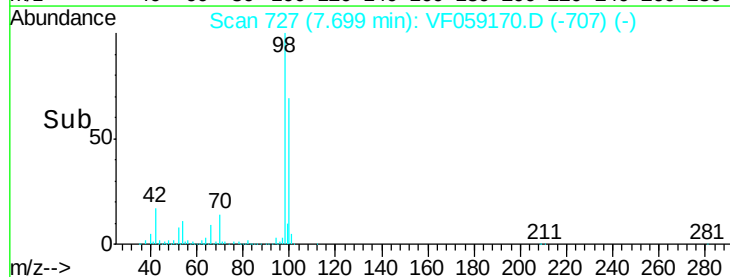
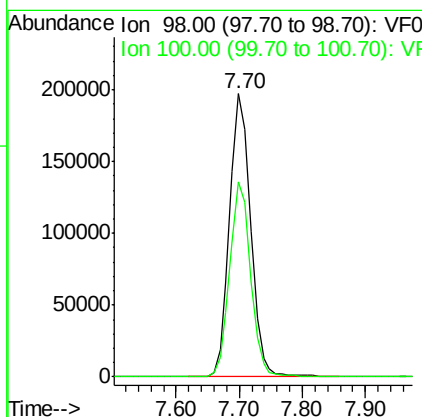
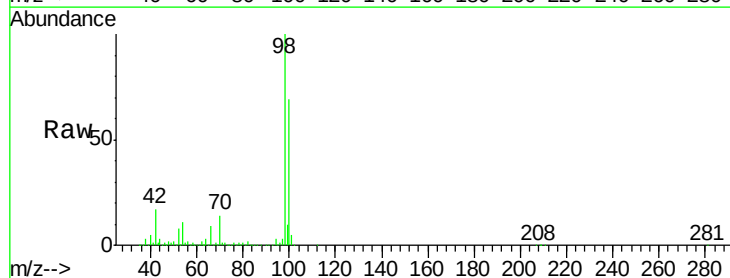
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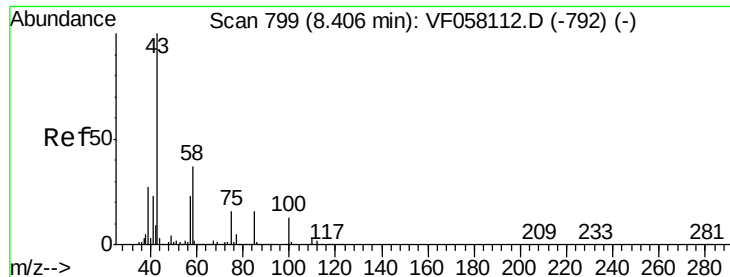
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#50  
Toluene-d8  
Concen: 49.336 ug/l  
RT: 7.70 min Scan# 727  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 69.1  | 55.6  | 83.4  |





#51

4-Methyl-2-Pentanone

Concen: 115.216 ug/l

RT: 8.40 min Scan# 798

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

ClientSampleId :

VF0618SBS01

Tot Ion: 43 Resp: 284442

Ion Ratio Lower Upper

43 100

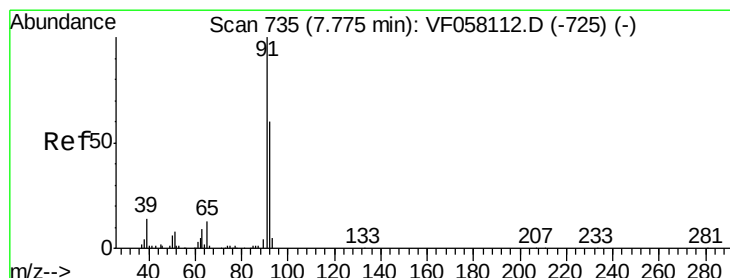
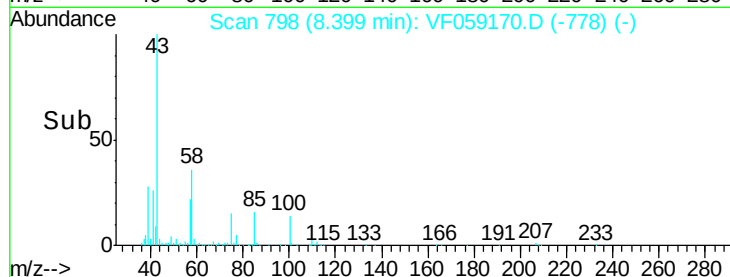
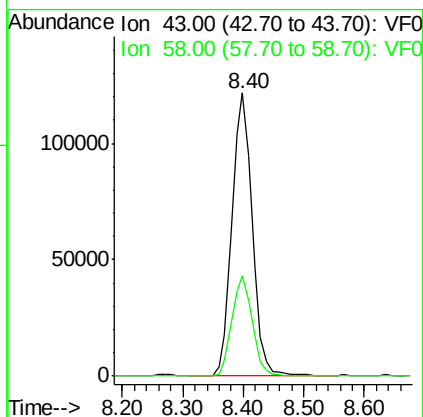
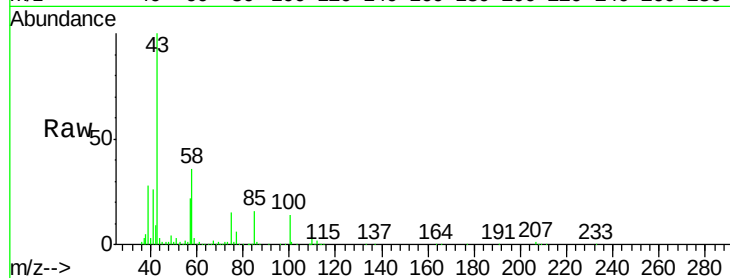
58 35.5 29.4 44.0

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#52

Toluene

Concen: 19.315 ug/l

RT: 7.77 min Scan# 734

Delta R.T. -0.01 min

Lab File: VF059170.D

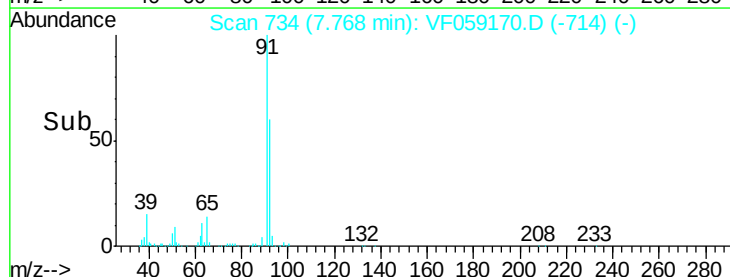
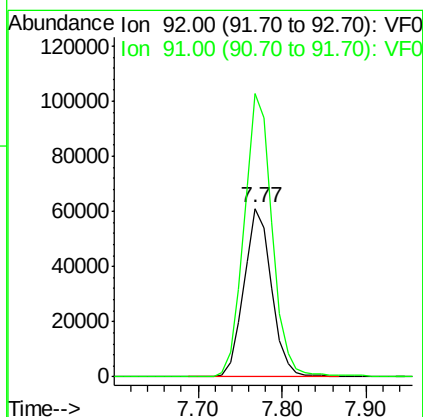
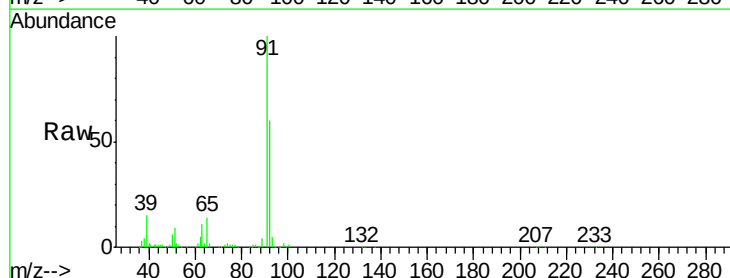
Acq: 18 Jun 2018 12:42

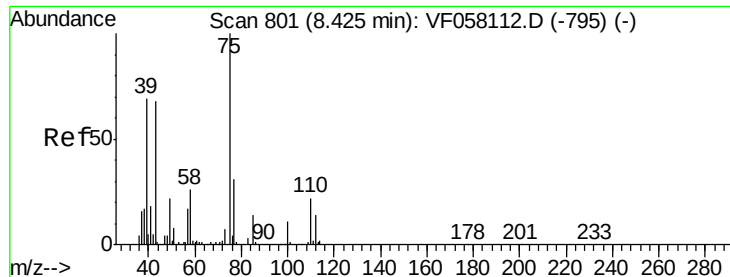
Tgt Ion: 92 Resp: 140559

Ion Ratio Lower Upper

92 100

91 167.8 132.9 199.3





#53

t-1,3-Dichloropropene

Concen: 22.964 ug/l

RT: 8.42 min Scan# 800

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Tot Ion: 75 Resp: 110892

Ion Ratio Lower Upper

75 100

77 29.3 25.1 37.7

Instrument :

MSVOA\_F

ClientSampleId :

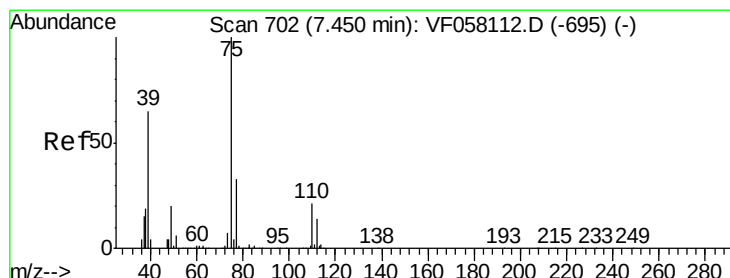
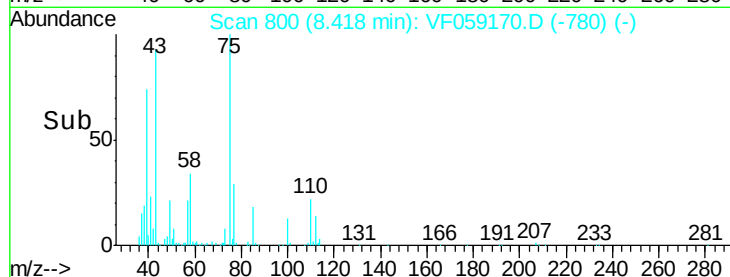
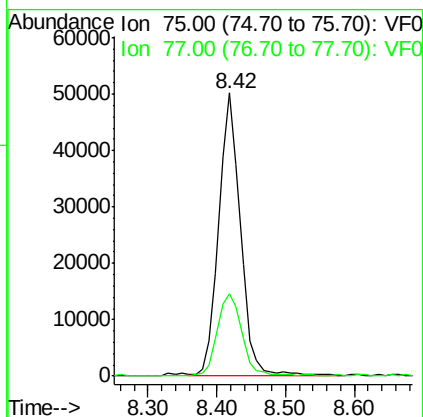
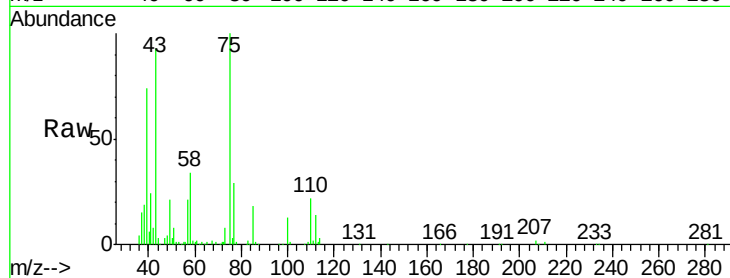
VF0618SBS01

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#54

cis-1,3-Dichloropropene

Concen: 21.280 ug/l

RT: 7.45 min Scan# 702

Delta R.T. 0.00 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

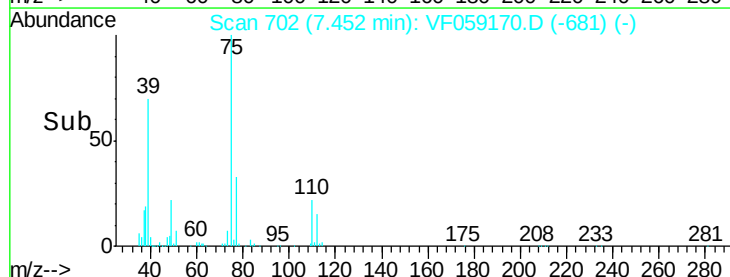
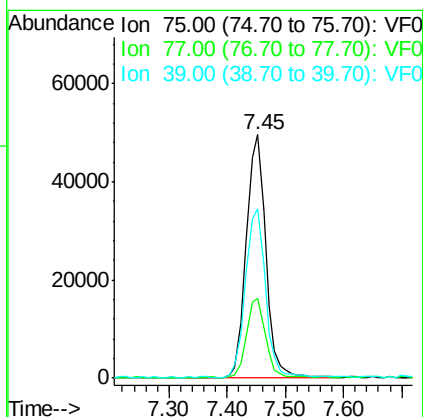
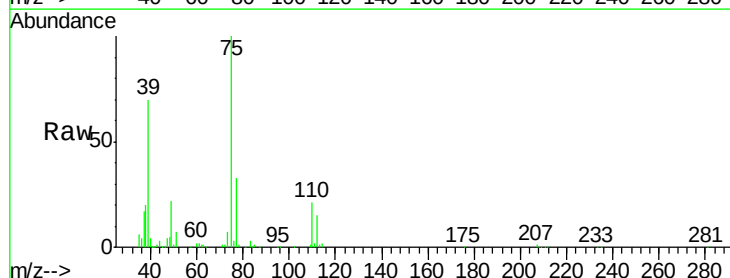
Tgt Ion: 75 Resp: 118044

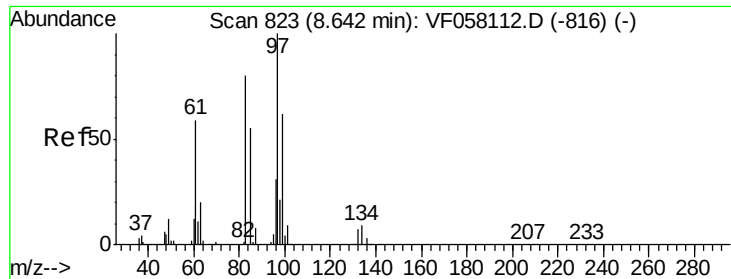
Ion Ratio Lower Upper

75 100

77 33.0 26.3 39.5

39 69.7 52.1 78.1





#55

1,1,2-Trichloroethane

Concen: 21.571 ug/l

RT: 8.64 min Scan# 822

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

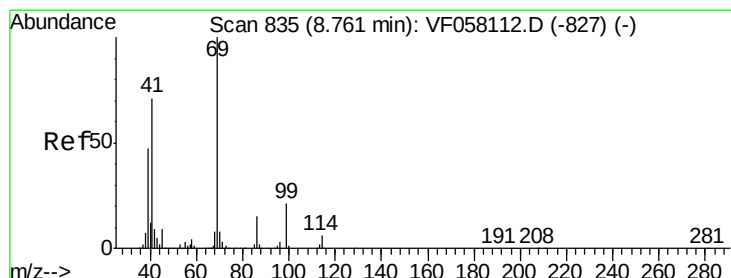
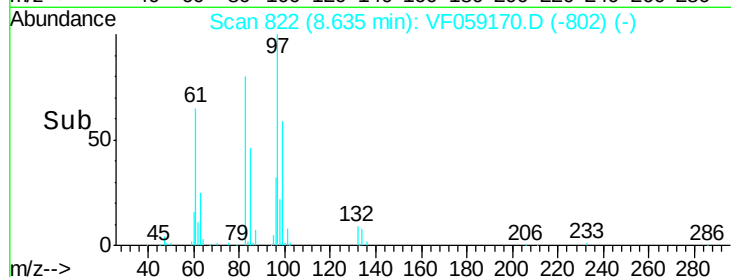
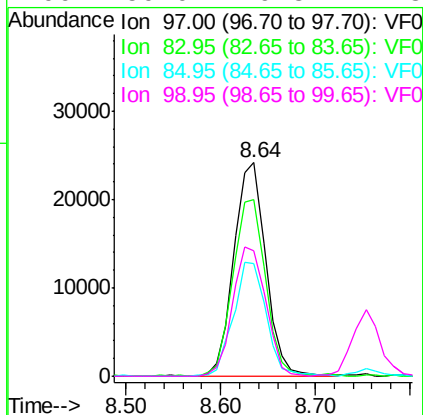
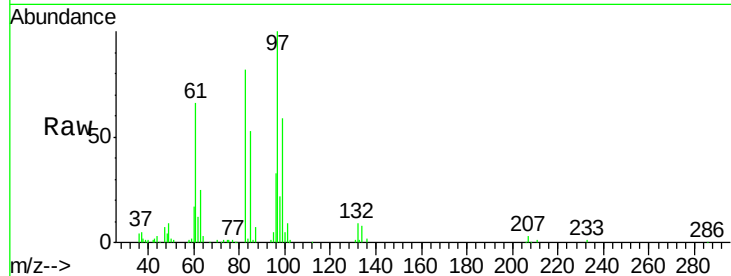
ClientSampleId :

VF0618SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 56884 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.5  | 64.3  | 96.5  |
| 85       | 52.6  | 43.8  | 65.8  |
| 99       | 59.0  | 49.8  | 74.8  |

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#56

Ethyl methacrylate

Concen: 20.614 ug/l

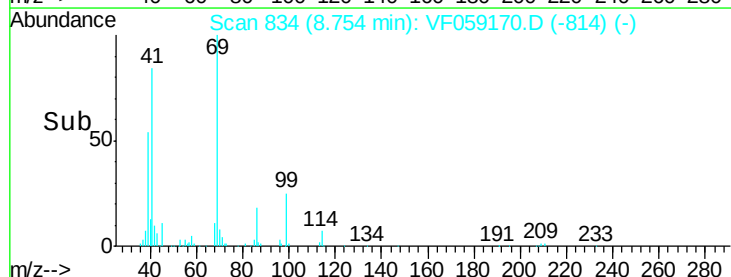
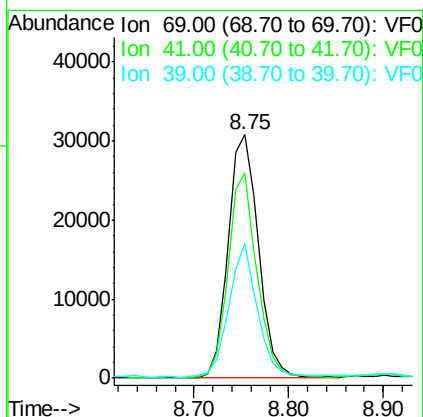
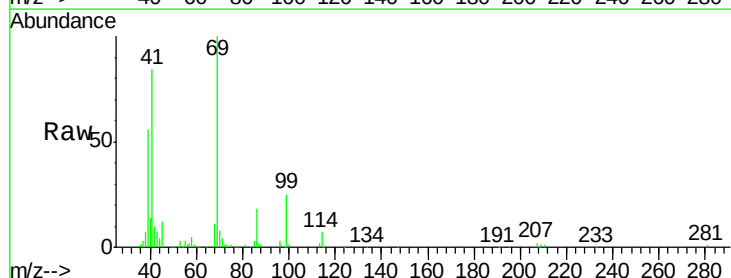
RT: 8.75 min Scan# 834

Delta R.T. -0.01 min

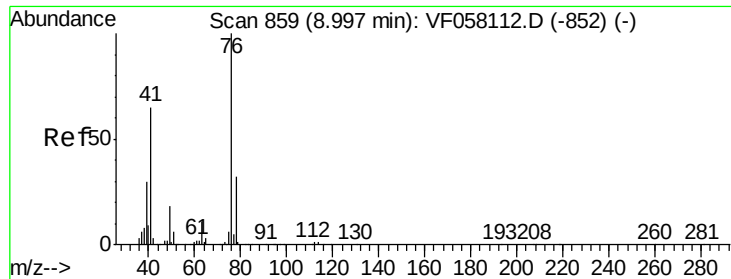
Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 68519 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 84.0  | 56.9  | 85.3  |
| 39       | 55.5  | 38.0  | 57.0  |







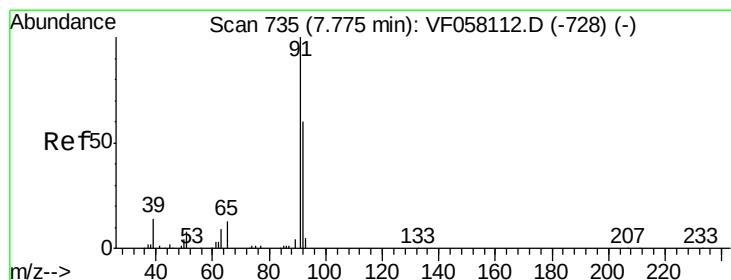
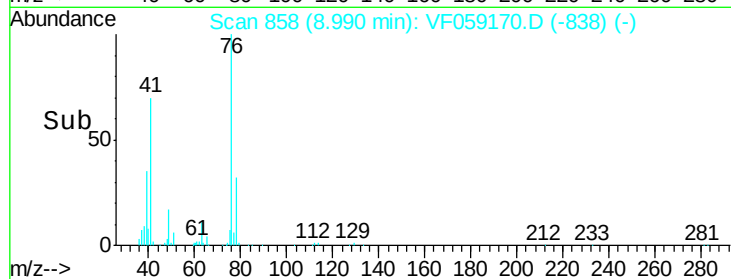
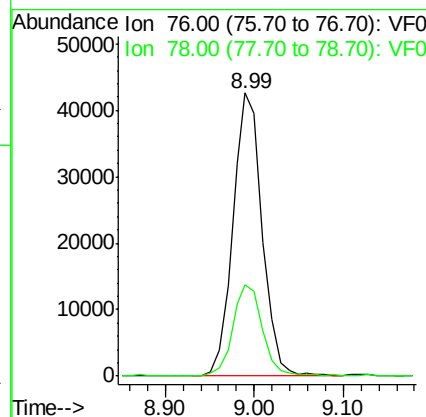
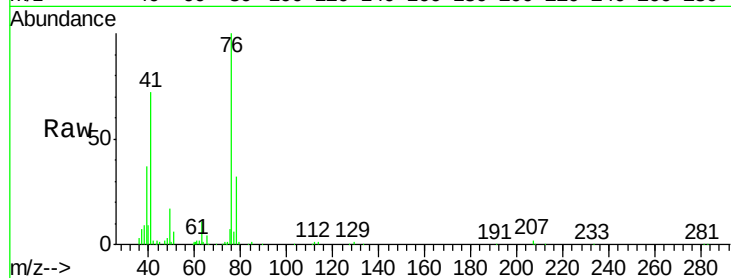
#57  
 1,3-Dichloropropane  
 Concen: 21.709 ug/l  
 RT: 8.99 min Scan# 858  
 Delta R.T. -0.01 min  
 Lab File: VF059170.D  
 Acq: 18 Jun 2018 12:42

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.3  | 25.8  | 38.6  |

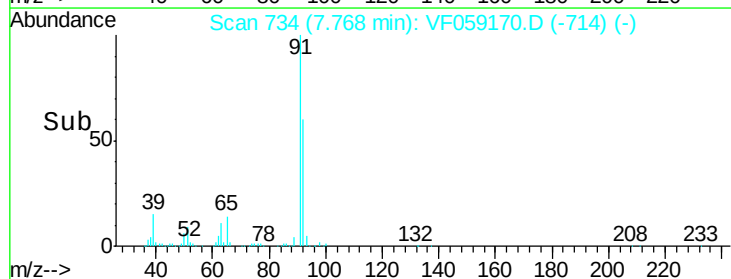
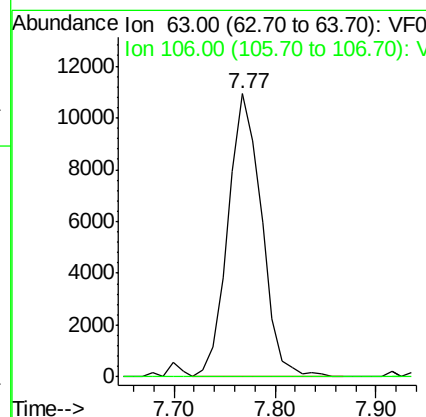
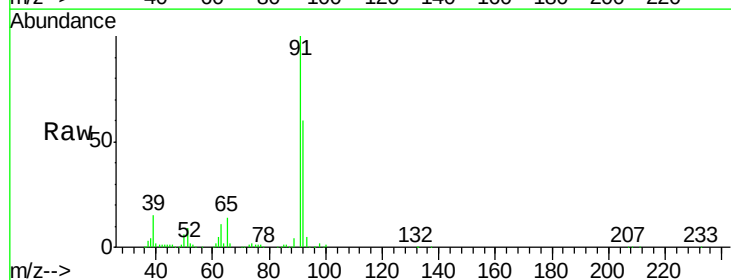
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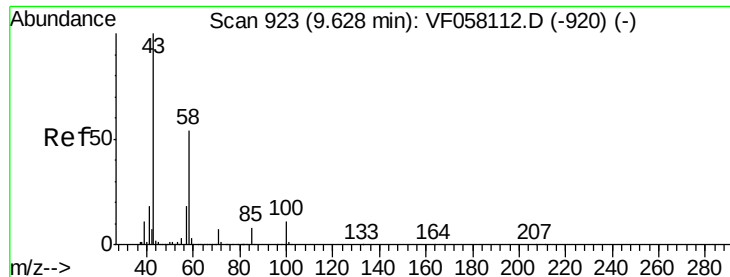
apatel  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 106.241 ug/l  
 RT: 7.77 min Scan# 734  
 Delta R.T. -0.01 min  
 Lab File: VF059170.D  
 Acq: 18 Jun 2018 12:42

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





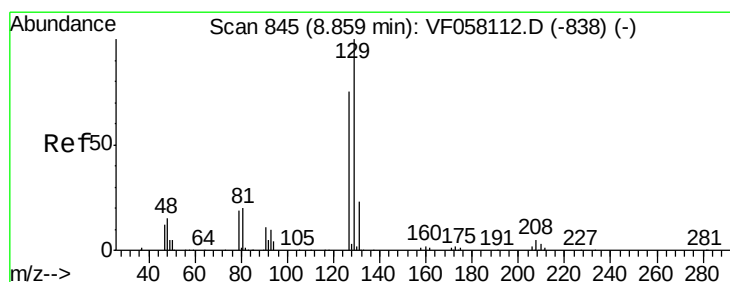
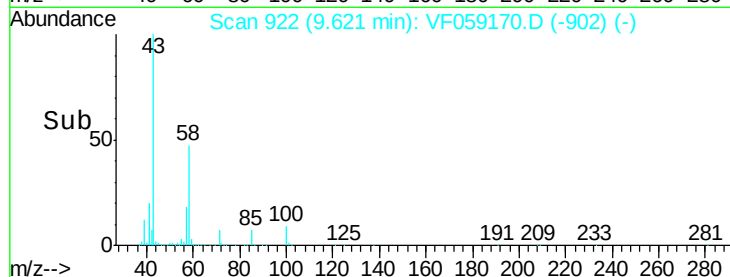
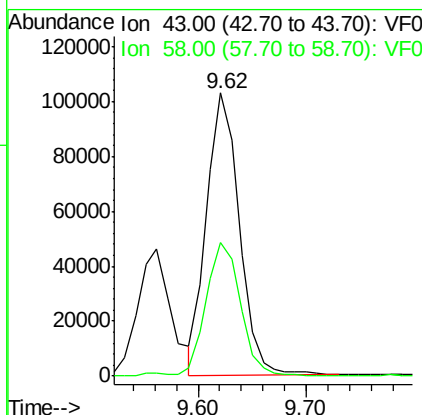
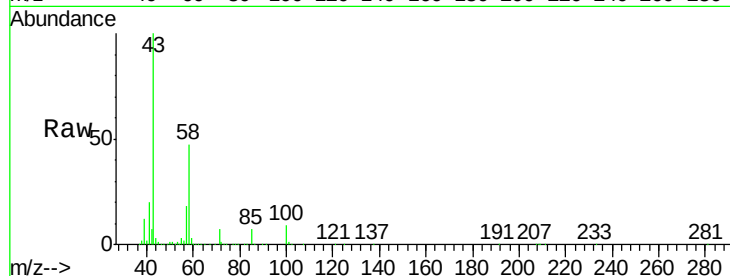
#59  
2-Hexanone  
Concen: 111.120 ug/l  
RT: 9.62 min Scan# 922  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0618SBS01

Tot Ion: 43 Resp: 216993  
Ion Ratio Lower Upper  
43 100  
58 47.1 26.3 78.8

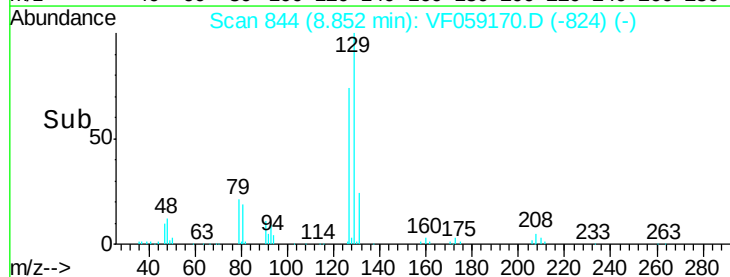
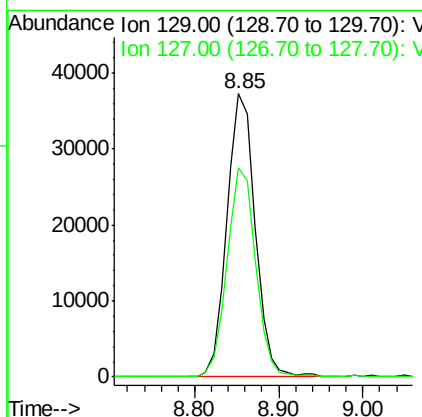
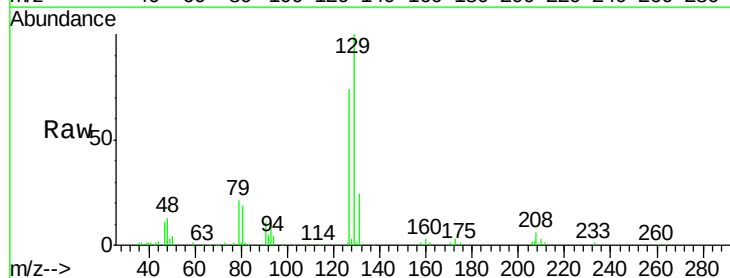
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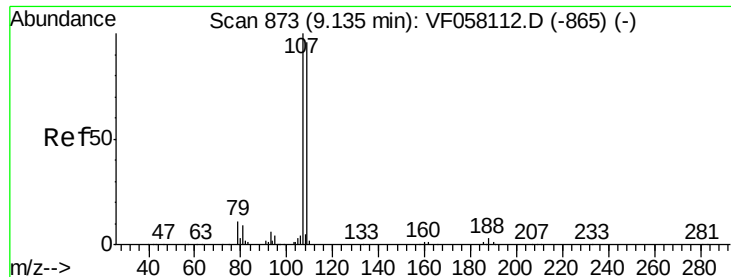
apatel  
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#60  
Dibromochloromethane  
Concen: 23.027 ug/l  
RT: 8.85 min Scan# 844  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Tgt Ion: 129 Resp: 87259  
Ion Ratio Lower Upper  
129 100  
127 73.7 37.6 112.9





#61

1,2-Dibromoethane

Concen: 21.037 ug/l

RT: 9.13 min Scan# 872

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

ClientSampleId :

VF0618SBS01

Tot Ion:107 Resp: 64460

Ion Ratio Lower Upper

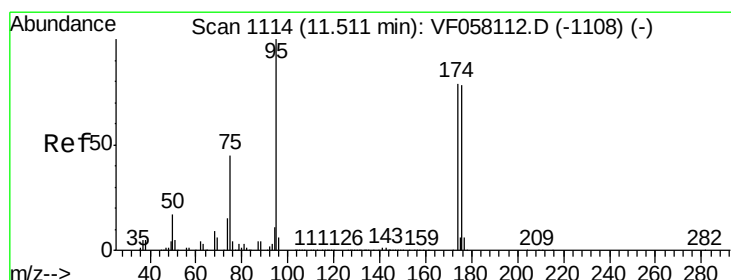
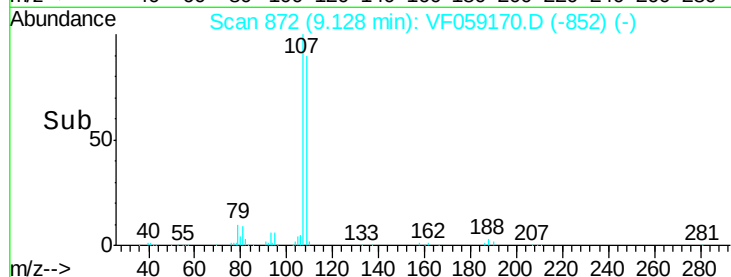
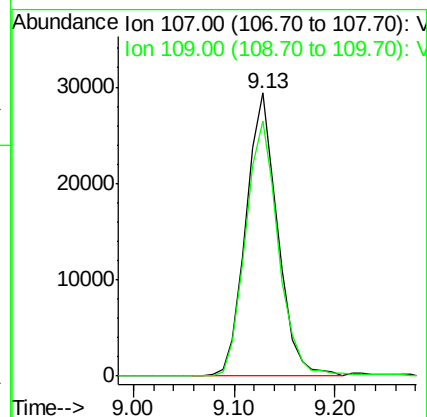
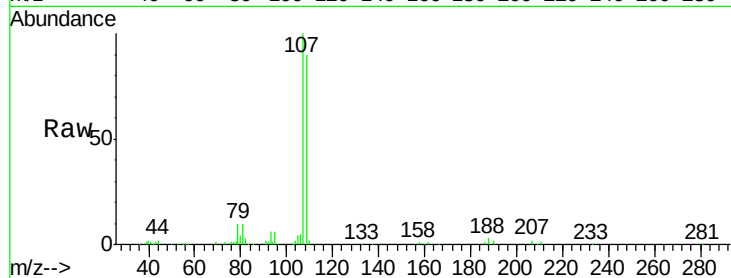
107 100

109 90.1 76.6 115.0

Manual Integrations  
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#62

4-Bromofluorobenzene

Concen: 48.480 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

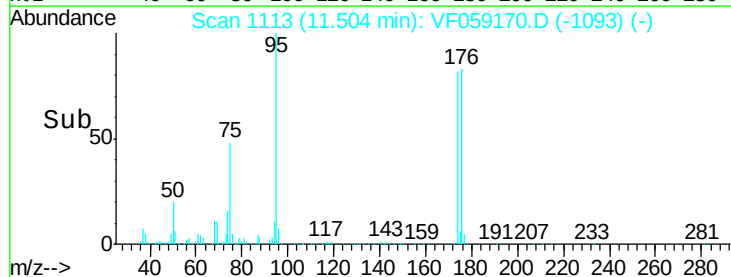
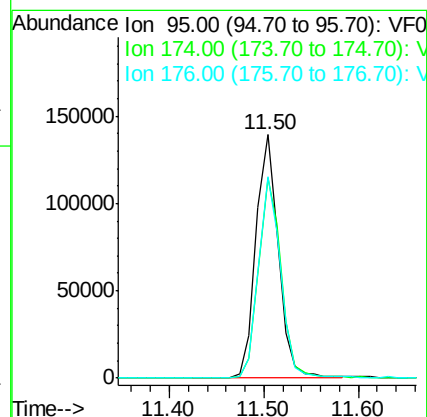
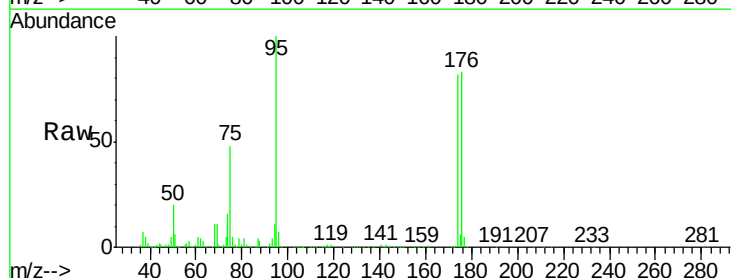
Tgt Ion: 95 Resp: 230182

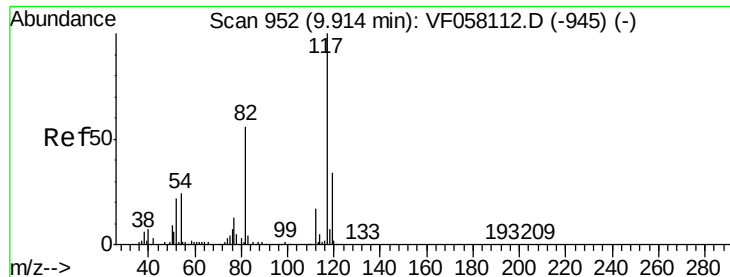
Ion Ratio Lower Upper

95 100

174 81.9 0.0 157.8

176 82.7 0.0 155.8





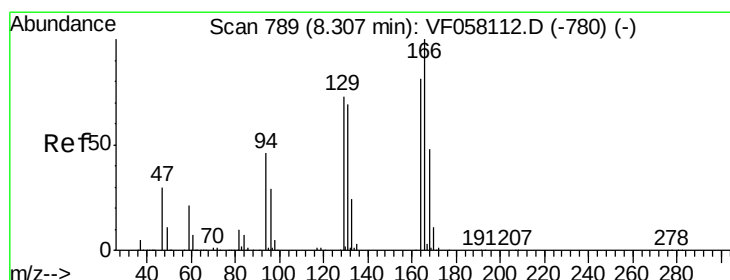
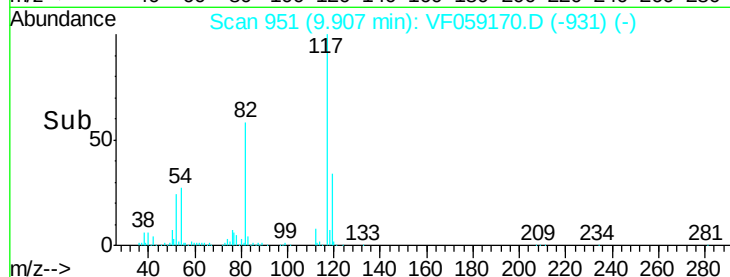
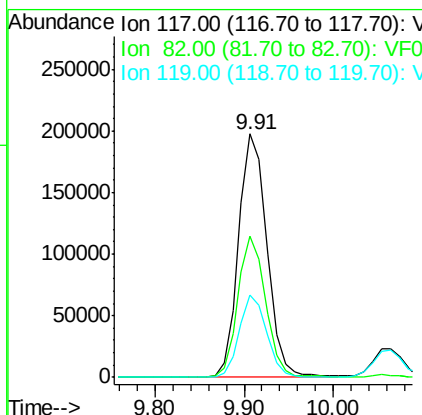
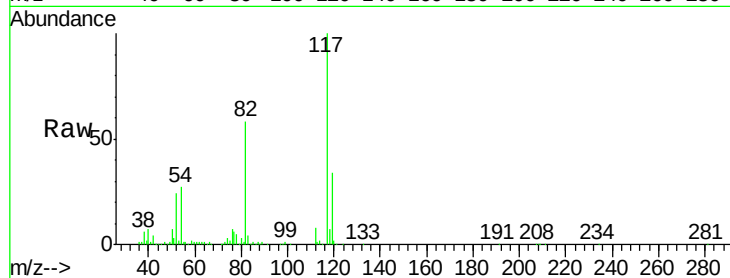
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.91 min Scan# 951  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 57.8  | 45.2  | 67.8  |
| 119     | 33.8  | 27.5  | 41.3  |

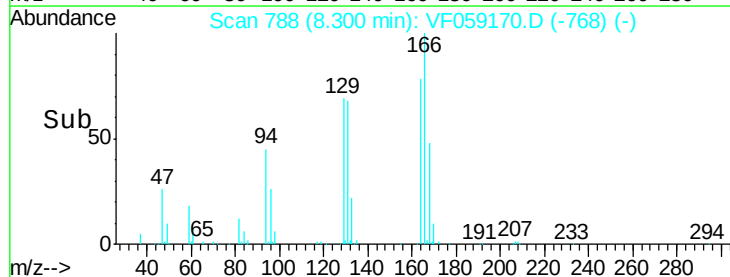
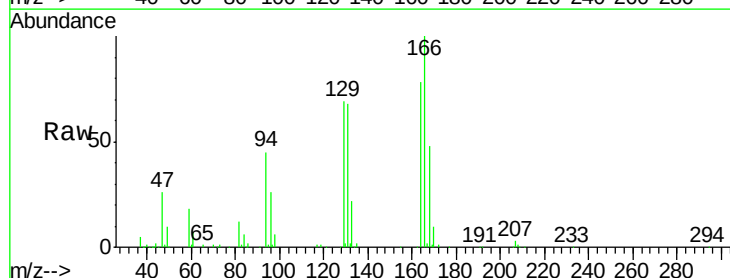
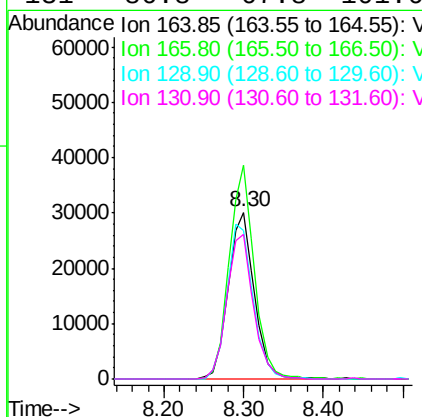
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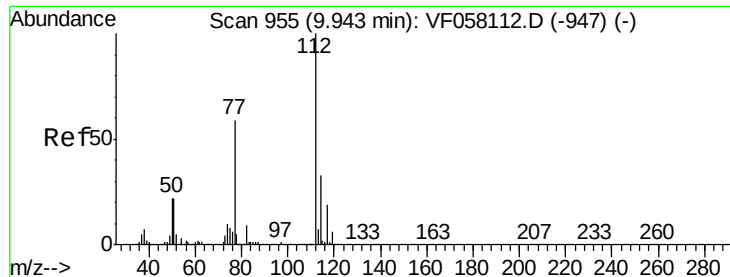
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#64  
Tetrachloroethene  
Concen: 21.342 ug/l  
RT: 8.30 min Scan# 788  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.1 | 98.2  | 147.4 |
| 129     | 88.9  | 71.6  | 107.4 |
| 131     | 86.8  | 67.8  | 101.6 |





#65

Chlorobenzene

Concen: 21.163 ug/l

RT: 9.94 min Scan# 954

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

ClientSampleId :

VF0618SBS01

Tot Ion:112 Resp: 183613

Ion Ratio Lower Upper

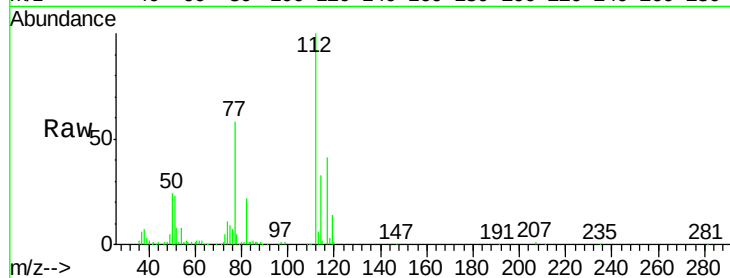
112 100

114 33.1 26.2 39.4

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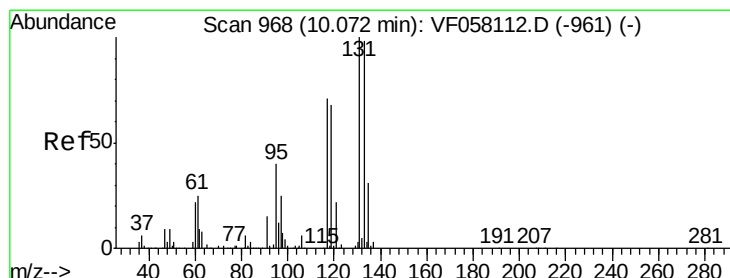
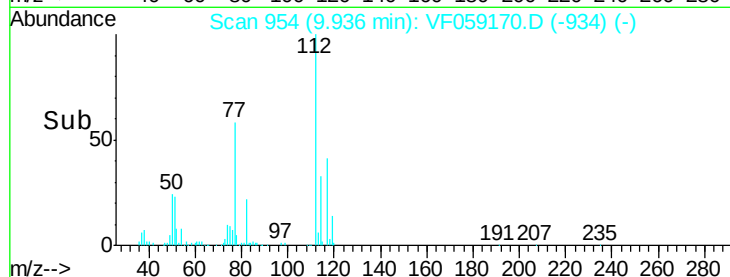
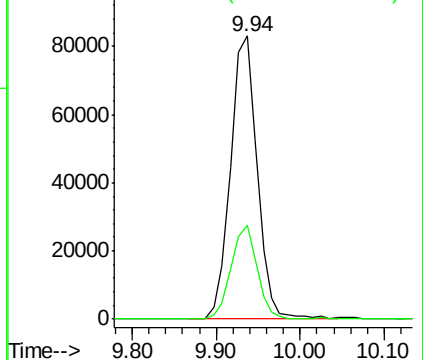
apatel

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Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.883 ug/l

RT: 10.06 min Scan# 967

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

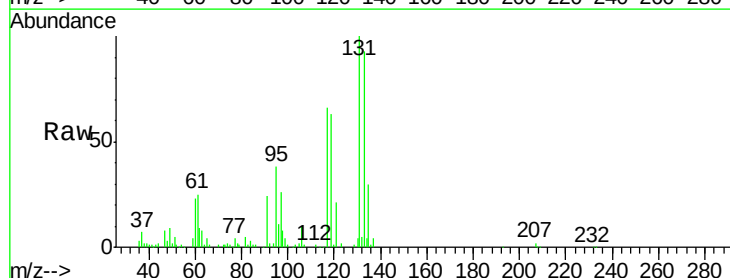
Tgt Ion:131 Resp: 78976

Ion Ratio Lower Upper

131 100

133 93.5 49.1 147.4

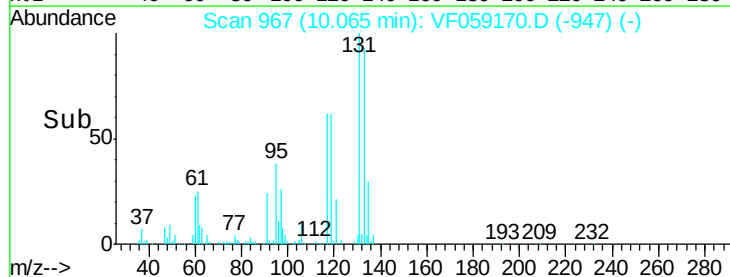
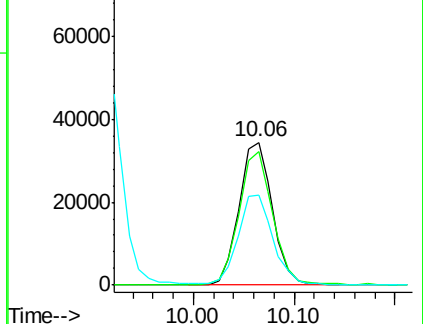
119 63.0 34.3 102.8

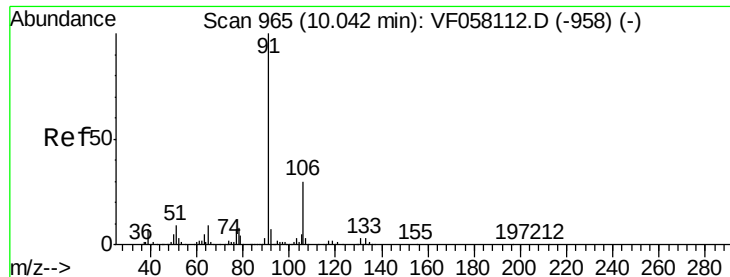


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 21.080 ug/l

RT: 10.03 min Scan# 964

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

ClientSampleId :

VF0618SBS01

Tot Ion: 91 Resp: 317794

Ion Ratio Lower Upper

91 100

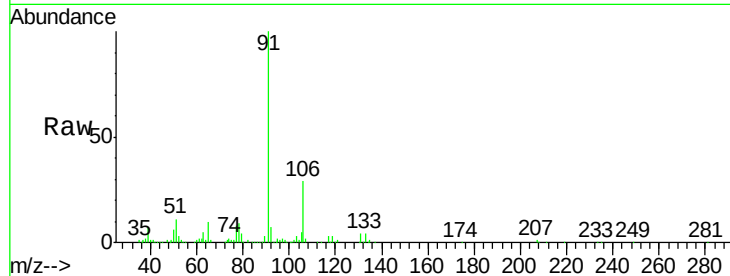
106 29.1 24.2 36.4

Manual Integrations

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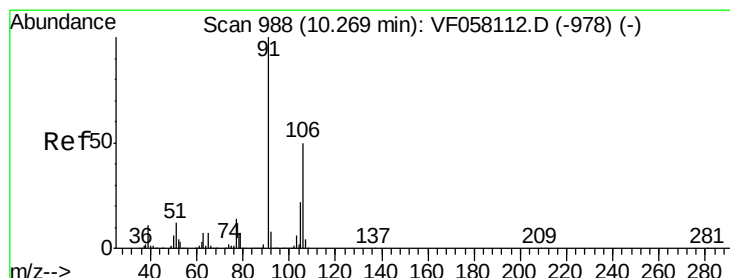
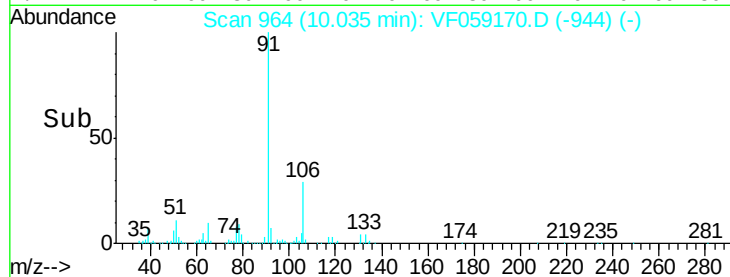
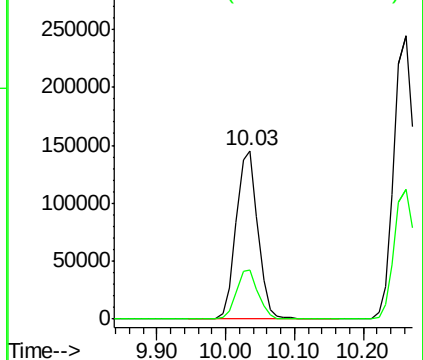
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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.196 ug/l

RT: 10.26 min Scan# 987

Delta R.T. -0.01 min

Lab File: VF059170.D

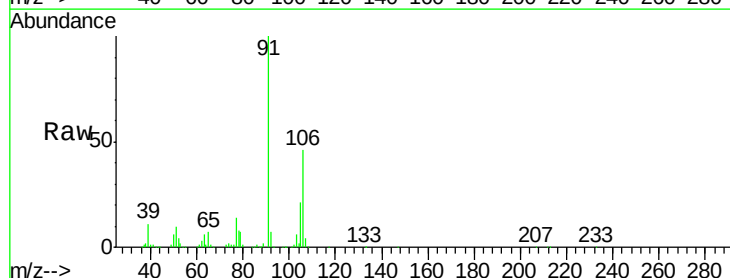
Acq: 18 Jun 2018 12:42

Tgt Ion: 106 Resp: 238169

Ion Ratio Lower Upper

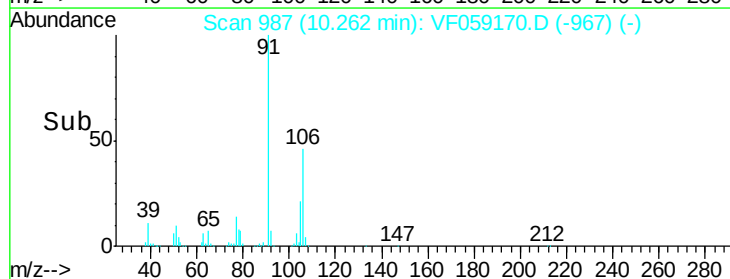
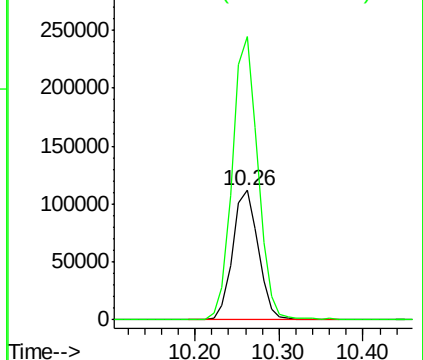
106 100

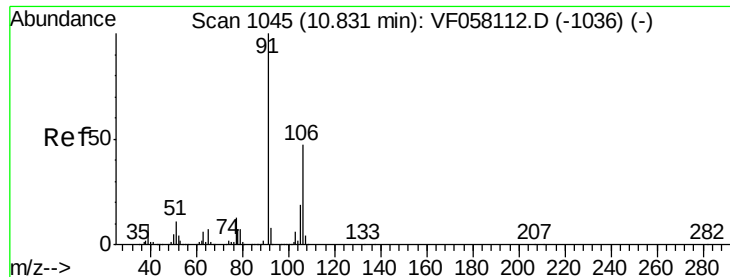
91 218.3 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0





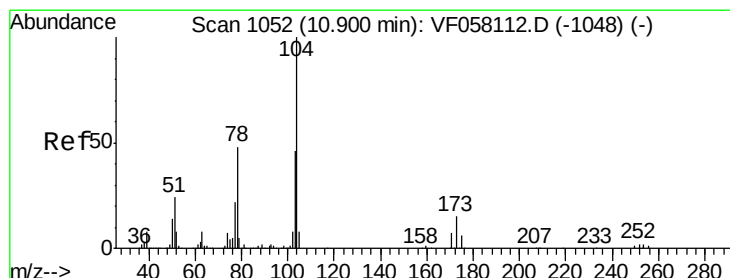
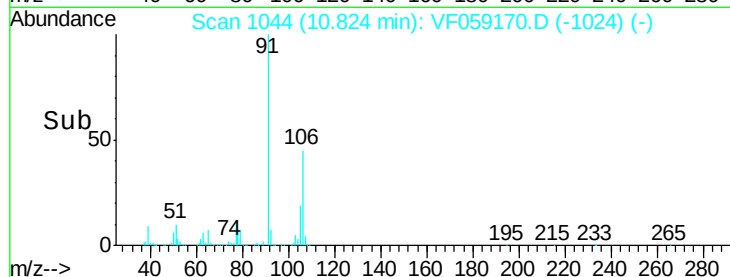
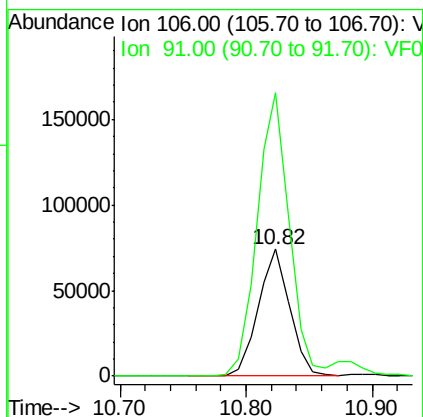
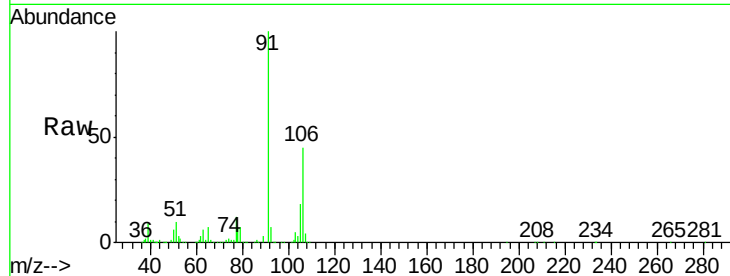
#69  
o-Xylene  
Concen: 21.191 ug/l  
RT: 10.82 min Scan# 1044  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0618SBS01

Tot Ion:106 Resp: 129268  
Ion Ratio Lower Upper  
106 100  
91 222.6 107.0 321.0

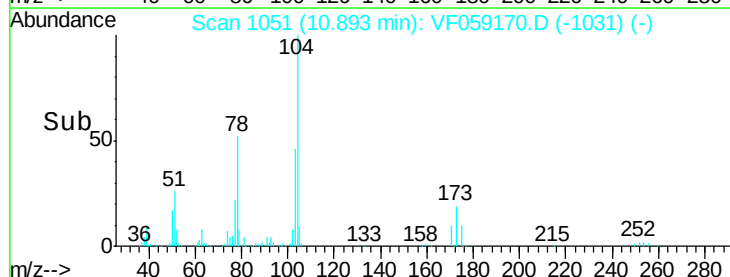
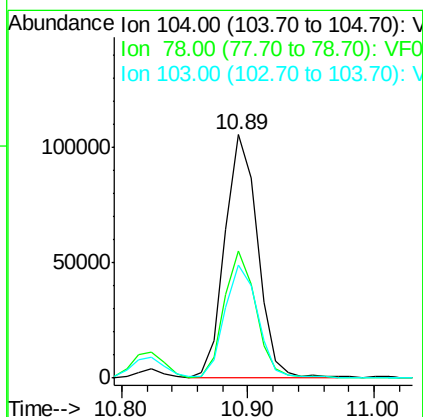
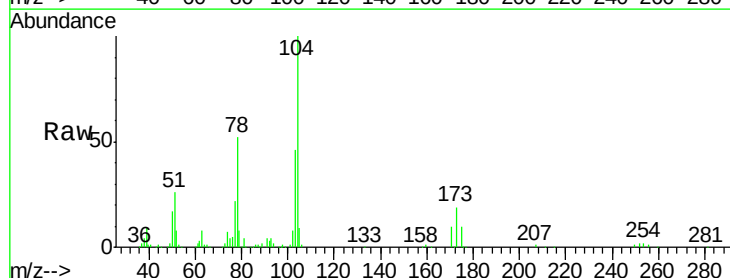
Manual Integrations  
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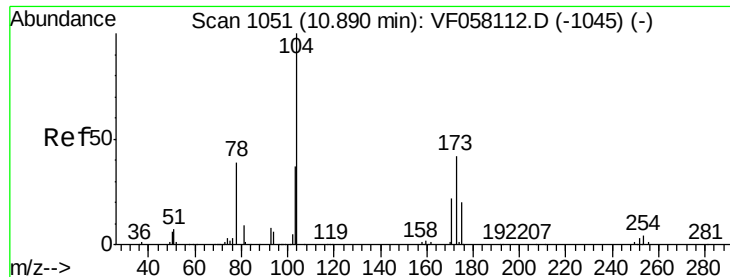
apatel  
6/19/2018 3:33:33 PM



#70  
Styrene  
Concen: 20.472 ug/l  
RT: 10.89 min Scan# 1051  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Tgt Ion:104 Resp: 188950  
Ion Ratio Lower Upper  
104 100  
78 52.2 38.4 57.6  
103 46.2 37.0 55.6





#71

Bromoform

Concen: 23.501 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

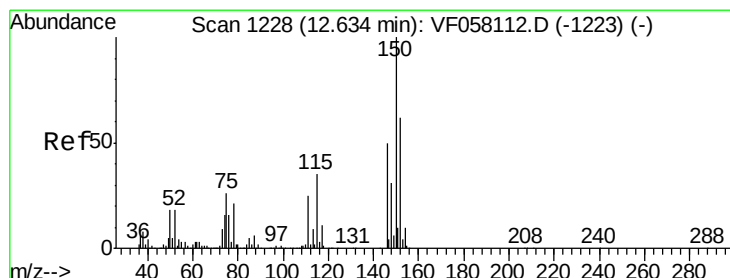
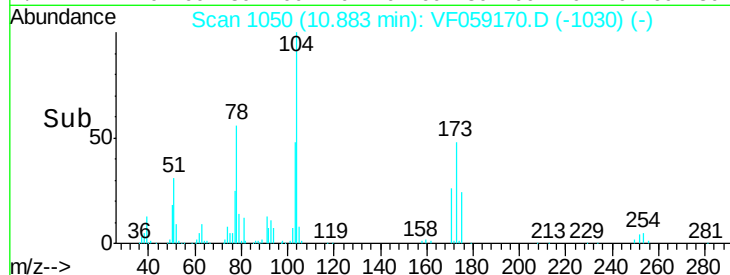
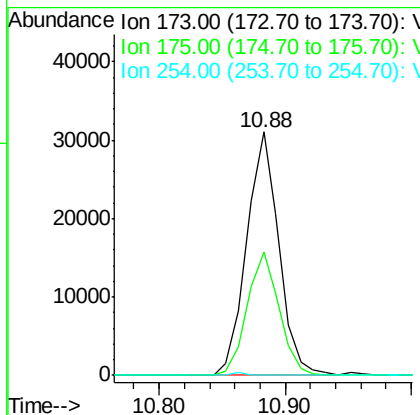
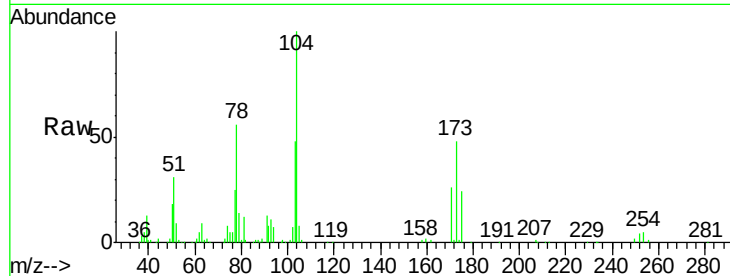
ClientSampleId :

VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 50.8  | 24.6  | 74.0  |
| 254     | 0.0   | 7.8   | 11.8  |

Manual Integrations  
APPROVED

apatel  
6/19/2018 3:33:33 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

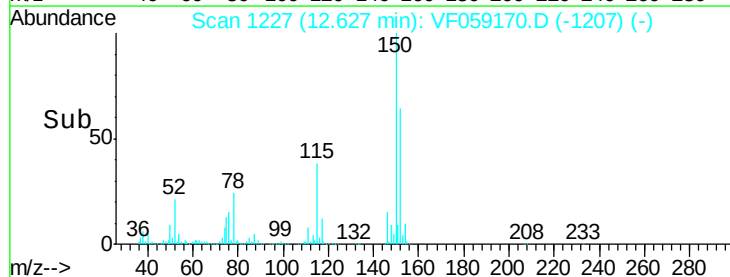
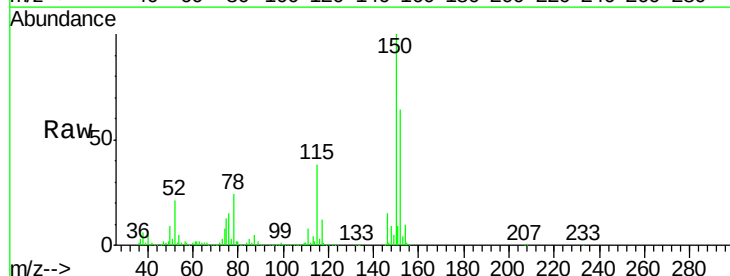
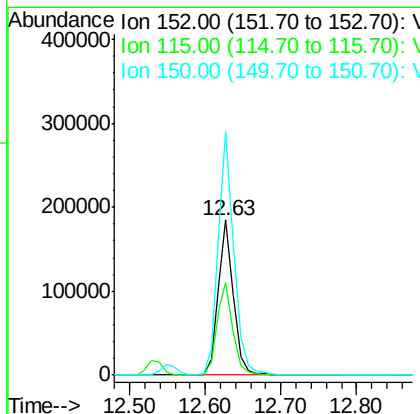
RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

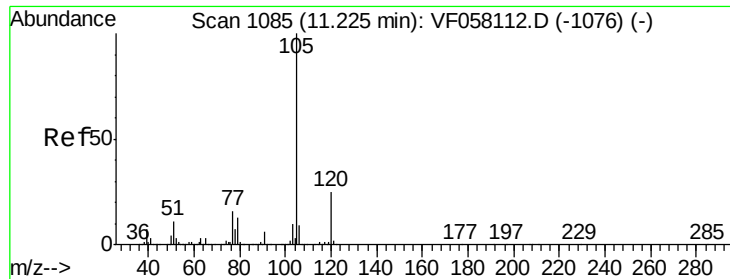
Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 59.5  | 28.5  | 85.5  |
| 150     | 157.1 | 0.0   | 323.8 |







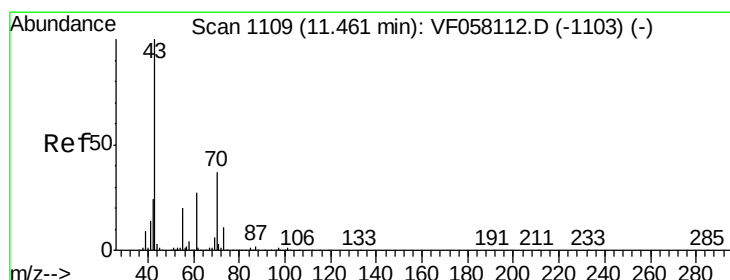
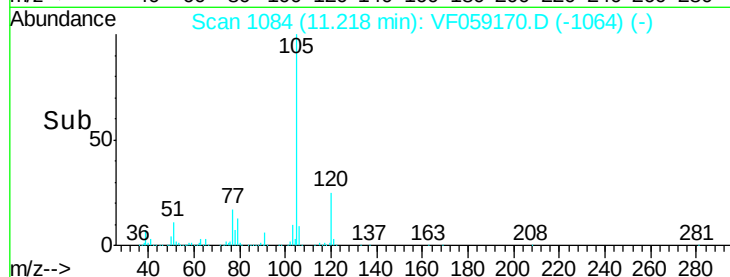
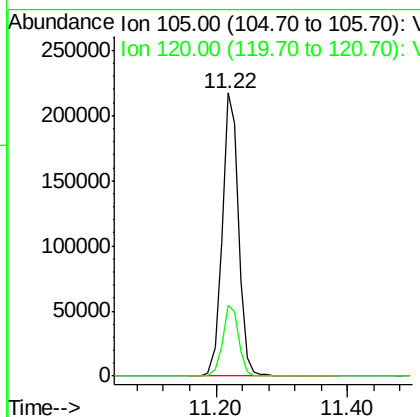
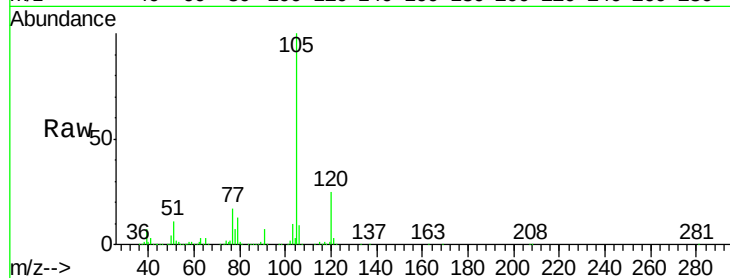
#73  
Isopropylbenzene  
Concen: 20.418 ug/l  
RT: 11.22 min Scan# 1084  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 25.2  | 12.7  | 38.1  |

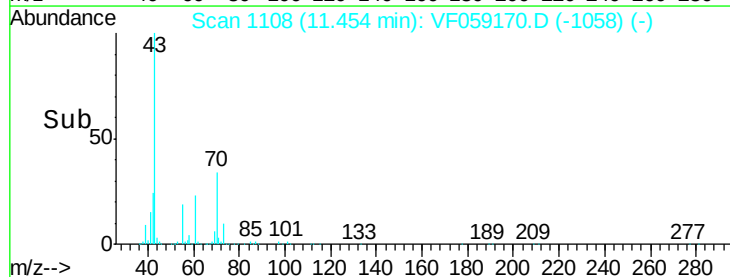
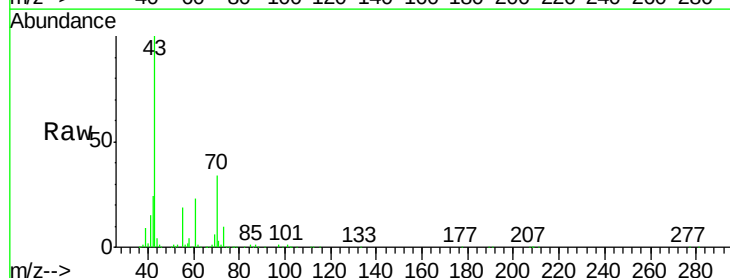
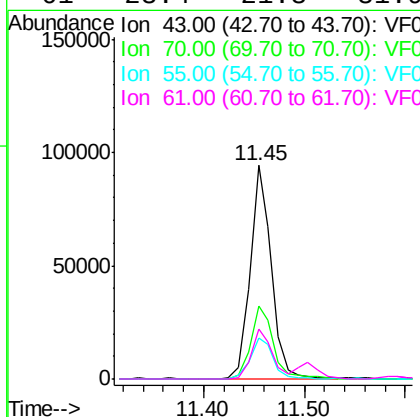
Manual Integrations  
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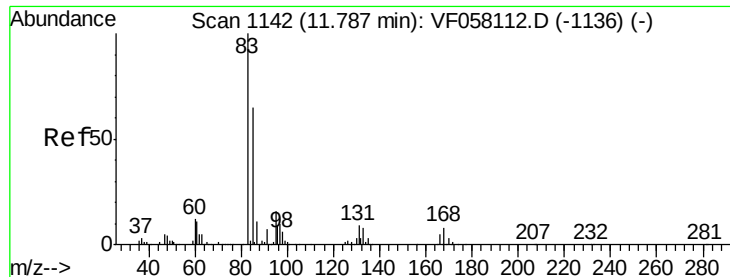
apatel  
6/19/2018 3:33:33 PM



#74  
N-ethyl acetate  
Concen: 20.936 ug/l  
RT: 11.45 min Scan# 1108  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 34.0  | 29.2  | 43.8  |
| 55      | 19.1  | 15.8  | 23.6  |
| 61      | 23.4  | 21.3  | 31.9  |





#75

1,1,2,2-Tetrachloroethane

Concen: 19.658 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

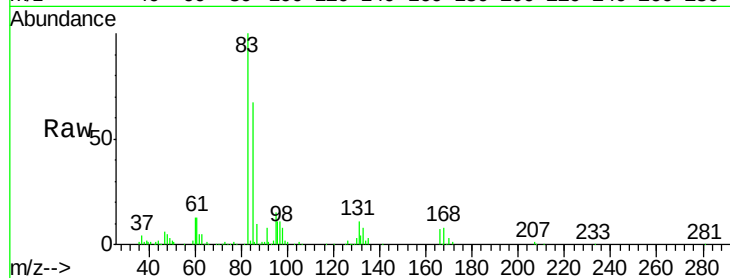
ClientSampleId :

VF0618SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 85831 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.7  | 4.5   | 13.7  |
| 85        | 66.8  | 32.8  | 98.3  |

Manual Integrations  
APPROVED

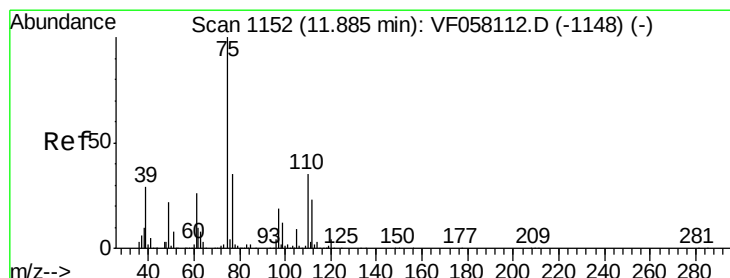
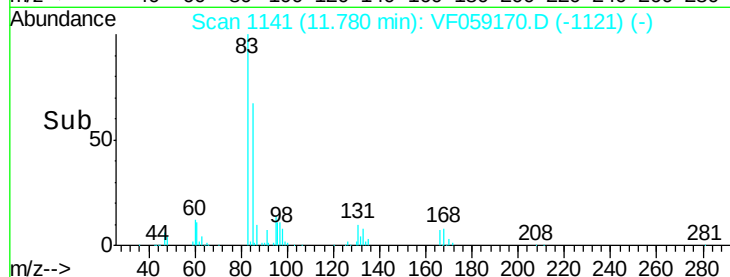
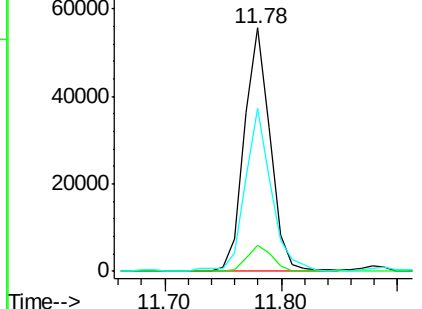
apatel  
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Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 20.352 ug/l

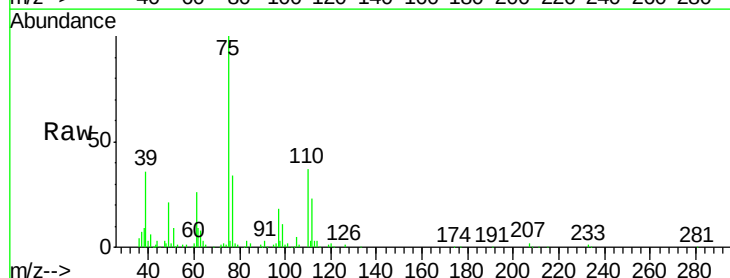
RT: 11.88 min Scan# 1151

Delta R.T. -0.01 min

Lab File: VF059170.D

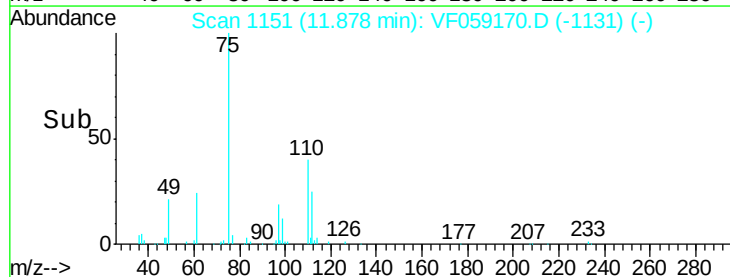
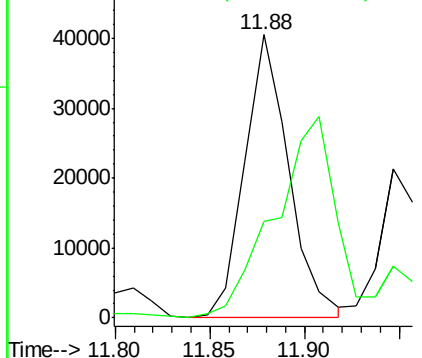
Acq: 18 Jun 2018 12:42

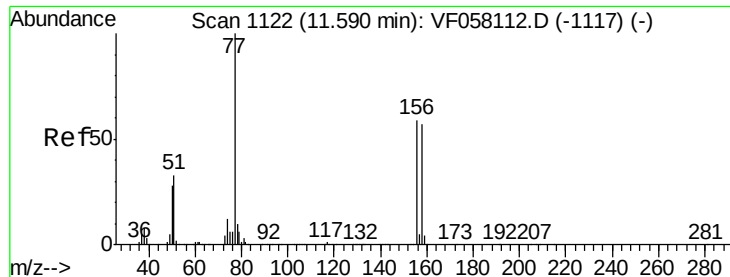
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 65628 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 34.3  | 17.5  | 52.5  |



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 20.611 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

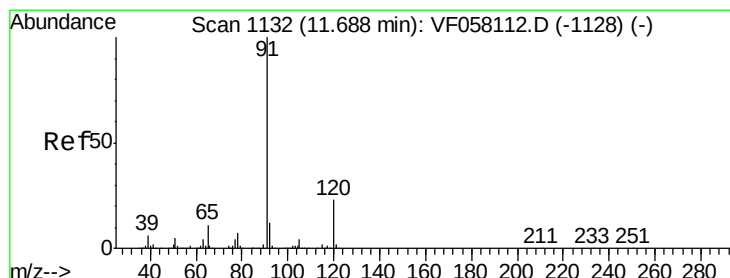
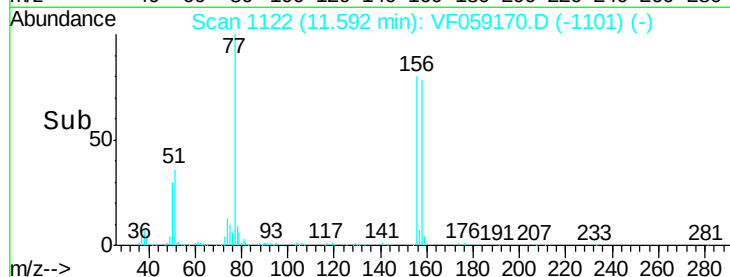
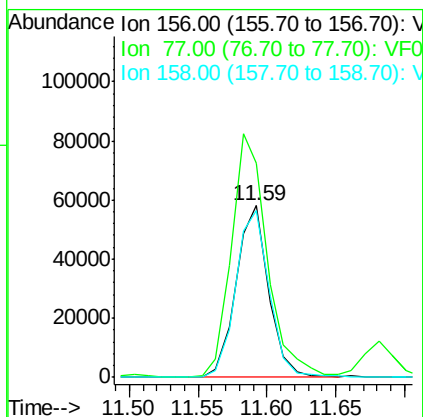
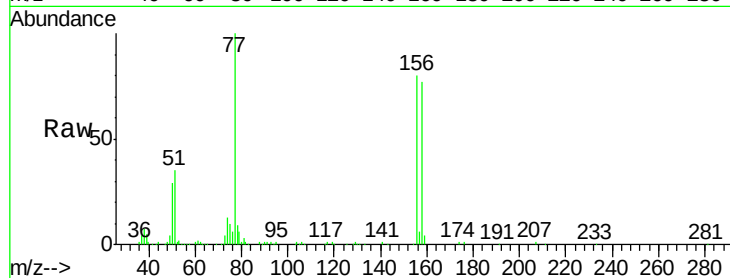
ClientSampleId :

VF0618SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 95532 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 125.3 | 84.8  | 254.4 |
| 158       | 97.1  | 47.9  | 143.7 |

Manual Integrations  
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#78

n-propylbenzene

Concen: 19.508 ug/l

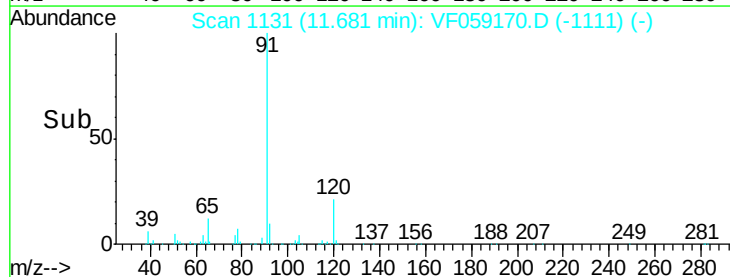
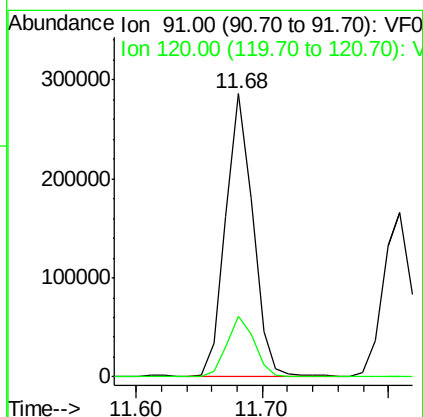
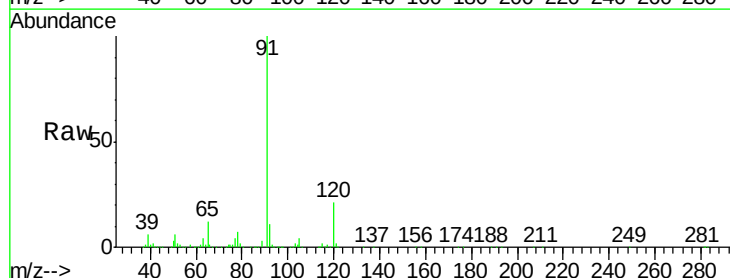
RT: 11.68 min Scan# 1131

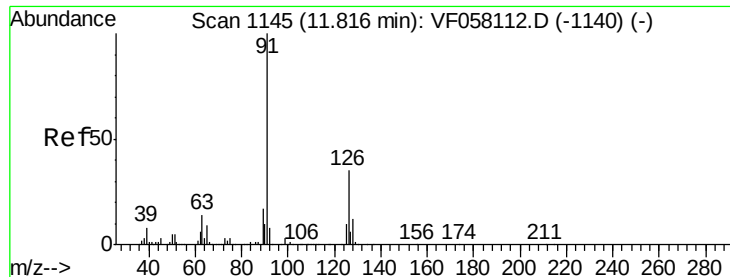
Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 425242 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 21.4  | 11.5  | 34.5   |





#79

2-Chlorotoluene

Concen: 20.189 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

ClientSampleId :

VF0618SBS01

Tot Ion: 91 Resp: 259989

Ion Ratio Lower Upper

91 100

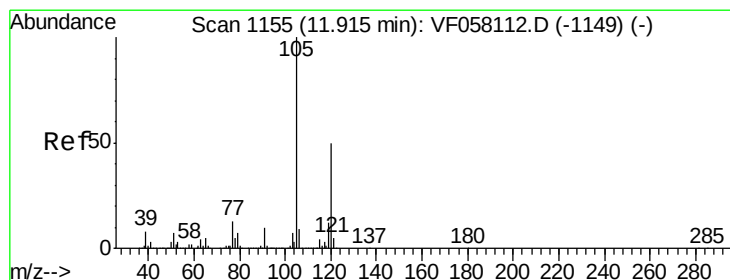
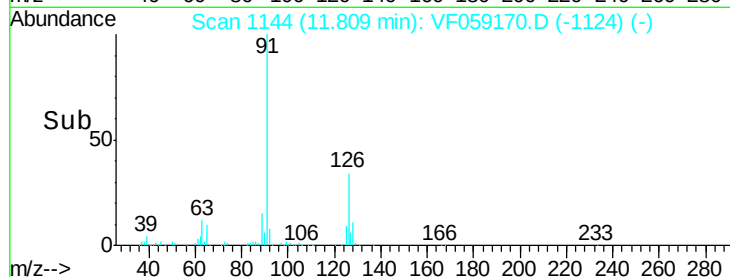
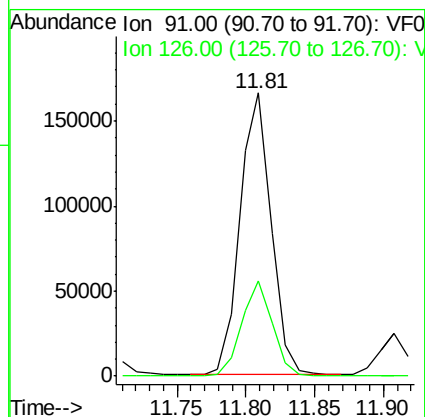
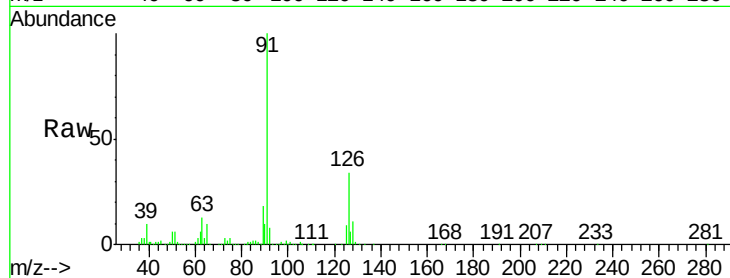
126 33.6 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.137 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. -0.01 min

Lab File: VF059170.D

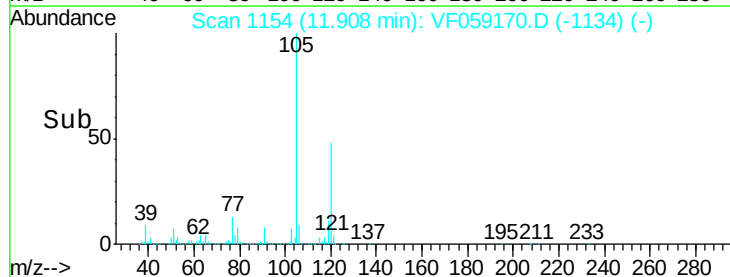
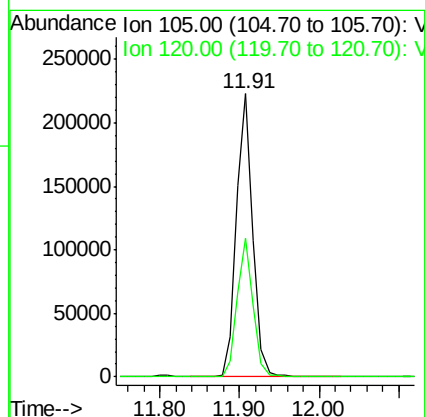
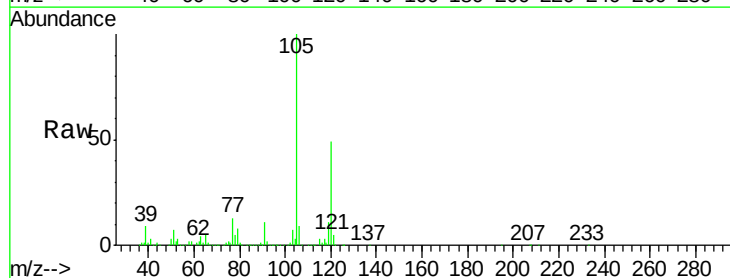
Acq: 18 Jun 2018 12:42

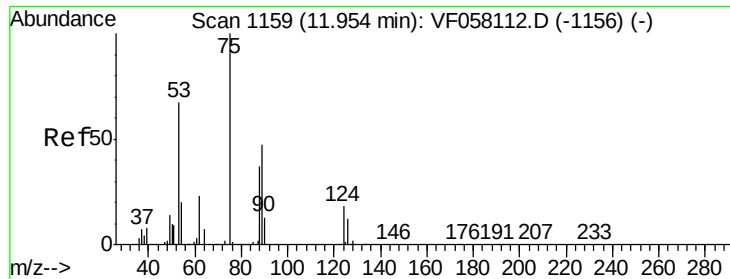
Tgt Ion:105 Resp: 322186

Ion Ratio Lower Upper

105 100

120 49.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.710 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

ClientSampleId :

VF0618SBS01

Tot Ion: 75 Resp: 41208

Ion Ratio Lower Upper

75 100

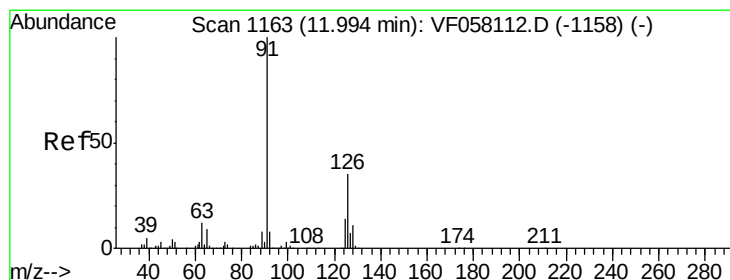
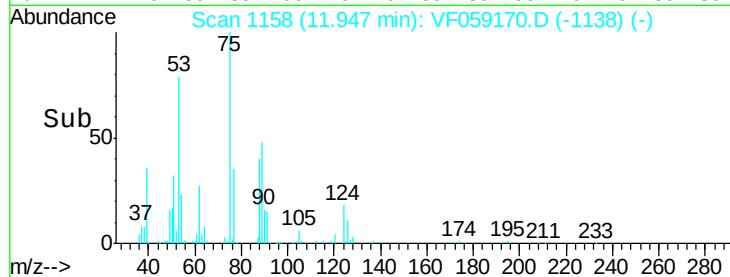
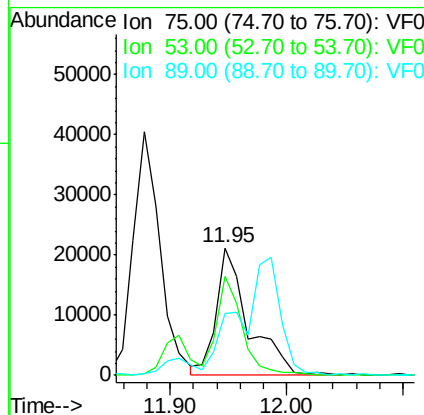
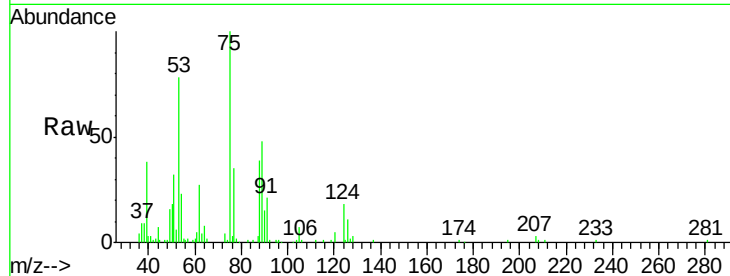
53 77.9 58.7 88.1

89 48.2 39.8 59.6

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 20.490 ug/l

RT: 11.99 min Scan# 1162

Delta R.T. -0.01 min

Lab File: VF059170.D

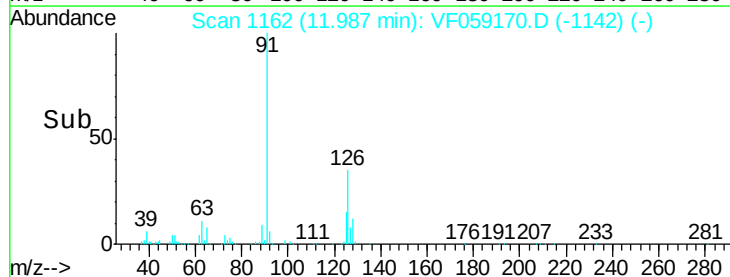
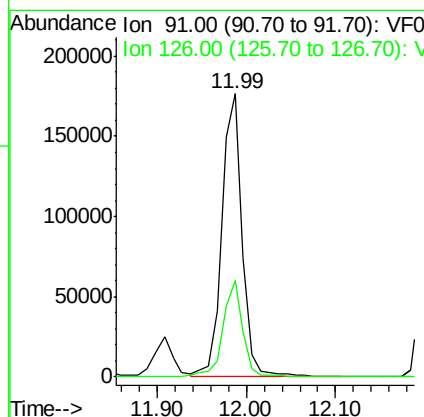
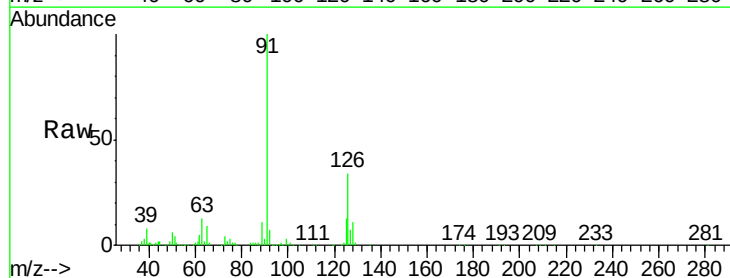
Acq: 18 Jun 2018 12:42

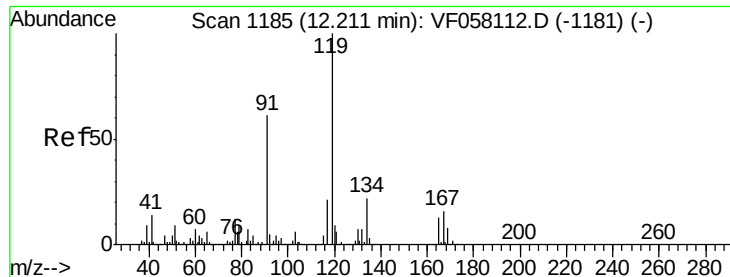
Tgt Ion: 91 Resp: 280919

Ion Ratio Lower Upper

91 100

126 34.1 17.4 52.2





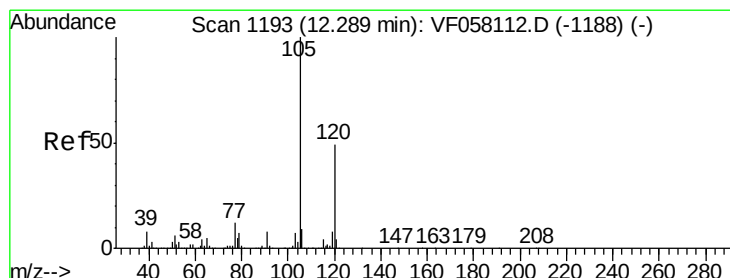
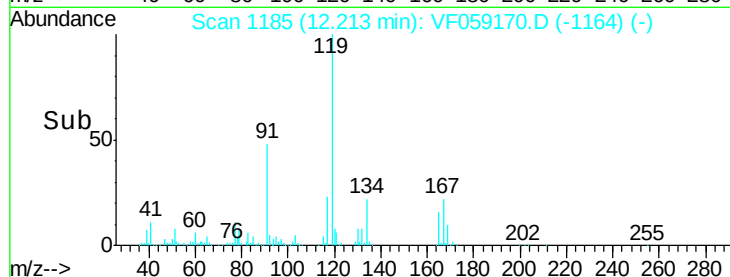
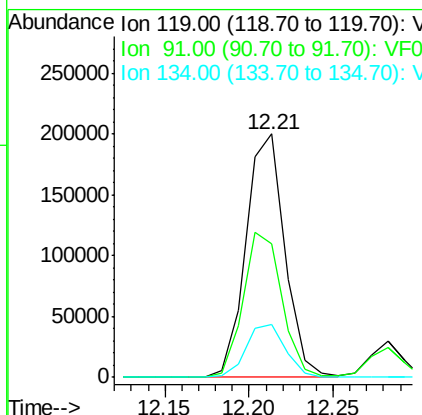
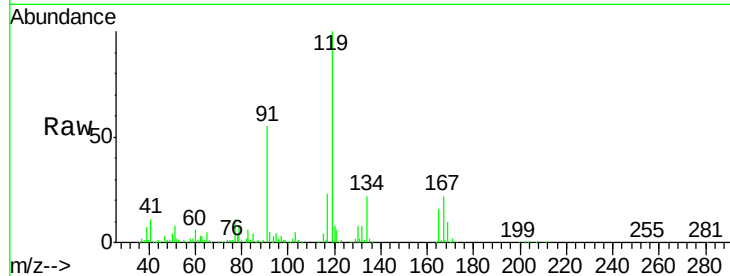
#83  
 tert-Butylbenzene  
 Concen: 21.143 ug/l  
 RT: 12.21 min Scan# 1185  
 Delta R.T. 0.00 min  
 Lab File: VF059170.D  
 Acq: 18 Jun 2018 12:42

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 55.0  | 30.4  | 91.3  |
| 134     | 21.9  | 11.2  | 33.5  |

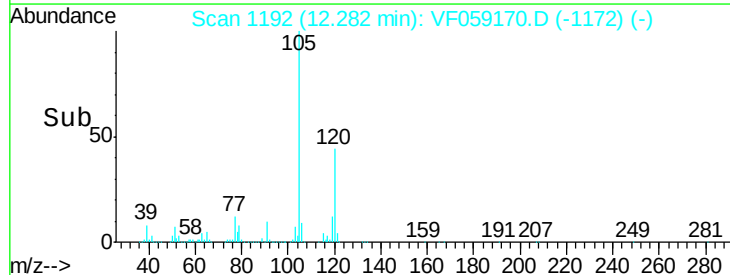
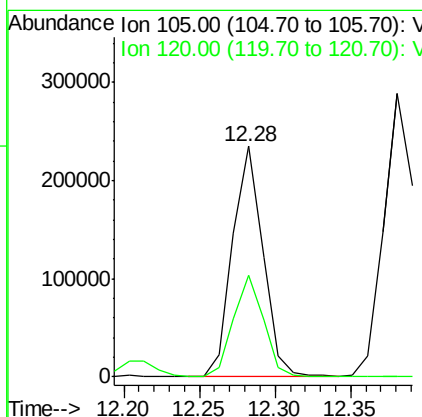
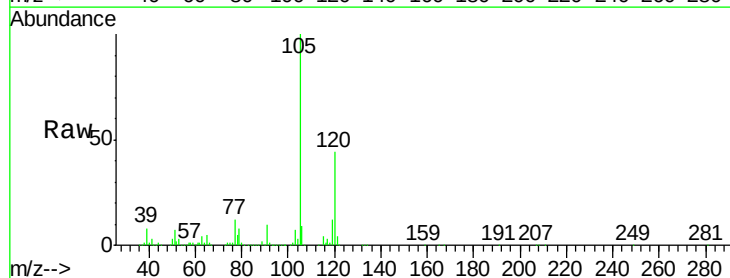
Manual Integrations  
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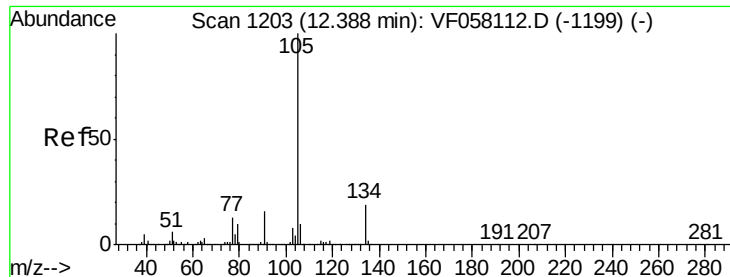
apatel  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.872 ug/l  
 RT: 12.28 min Scan# 1192  
 Delta R.T. -0.01 min  
 Lab File: VF059170.D  
 Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.2  | 24.7  | 74.1  |





#85

sec-Butylbenzene

Concen: 20.322 ug/l

RT: 12.38 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

Instrument :

MSVOA\_F

ClientSampleId :

VF0618SBS01

Tot Ion:105 Resp: 417939

Ion Ratio Lower Upper

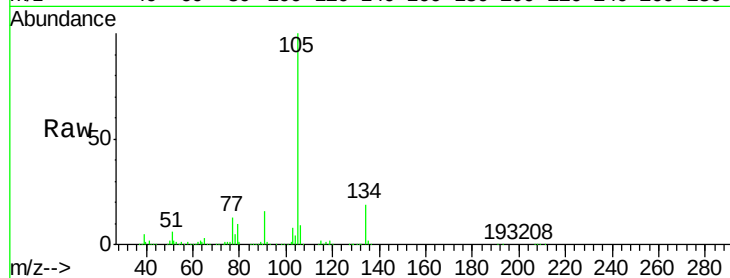
105 100

134 19.2 9.6 28.6

Manual Integrations  
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.38

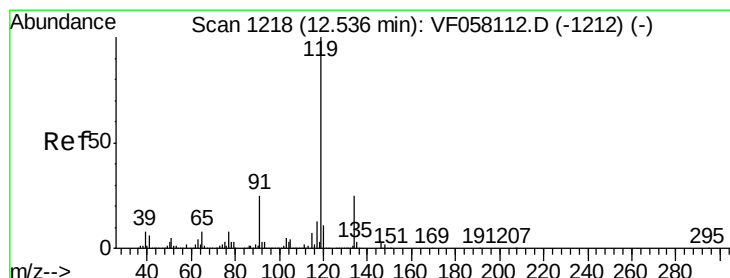
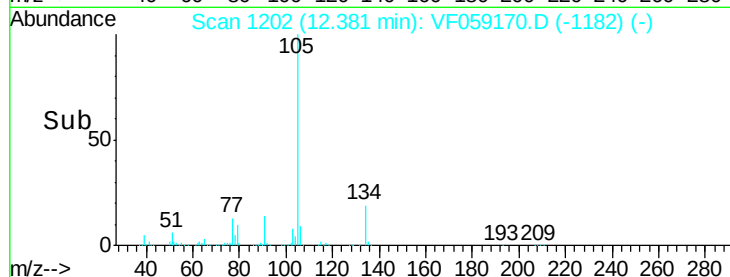
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.817 ug/l

RT: 12.53 min Scan# 1217

Delta R.T. -0.01 min

Lab File: VF059170.D

Acq: 18 Jun 2018 12:42

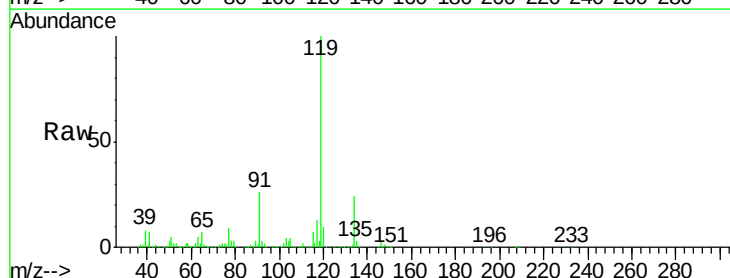
Tgt Ion:119 Resp: 368515

Ion Ratio Lower Upper

119 100

134 23.7 12.7 38.0

91 25.7 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0

12.53

300000

250000

200000

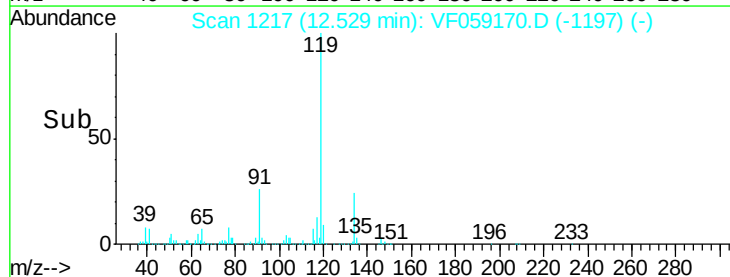
150000

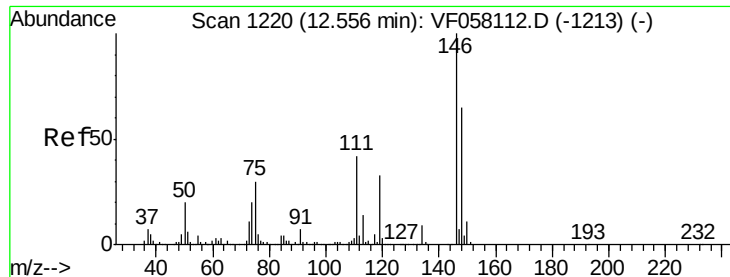
100000

50000

0

Time-->





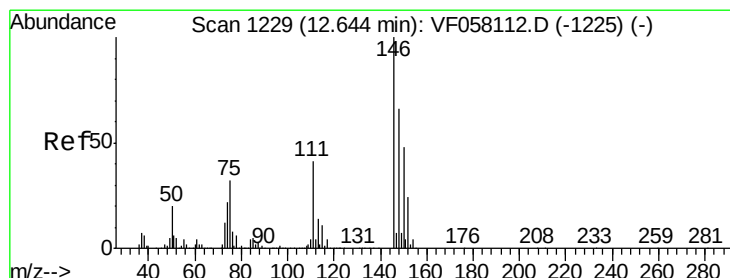
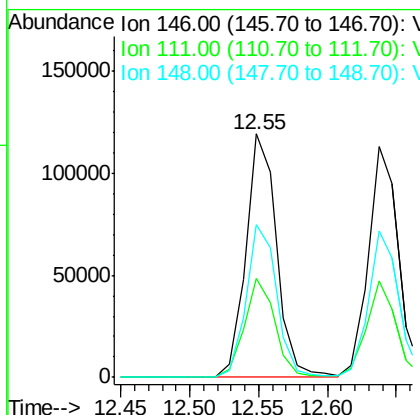
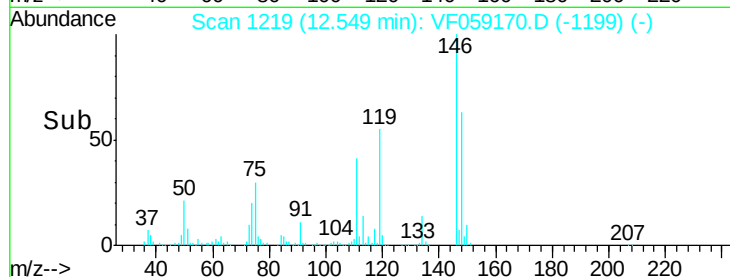
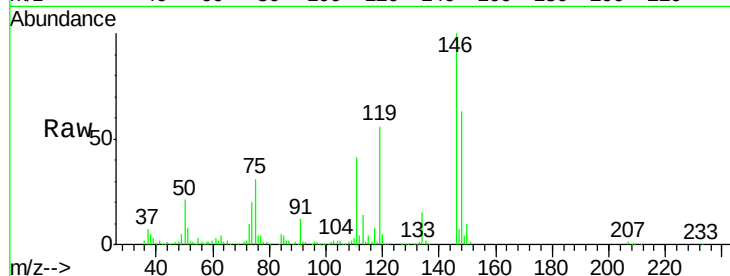
#87  
 1,3-Dichlorobenzene  
 Concen: 21.755 ug/l  
 RT: 12.55 min Scan# 1219  
 Delta R.T. -0.01 min  
 Lab File: VF059170.D  
 Acq: 18 Jun 2018 12:42

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 20.8  | 62.5  |
| 148     | 62.6  | 32.3  | 96.9  |

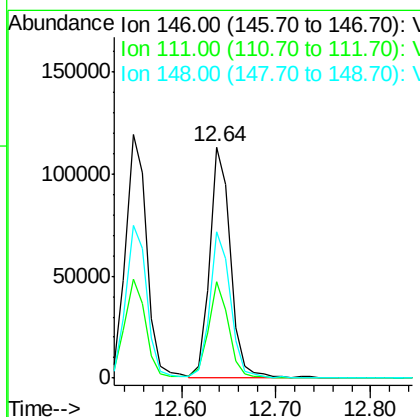
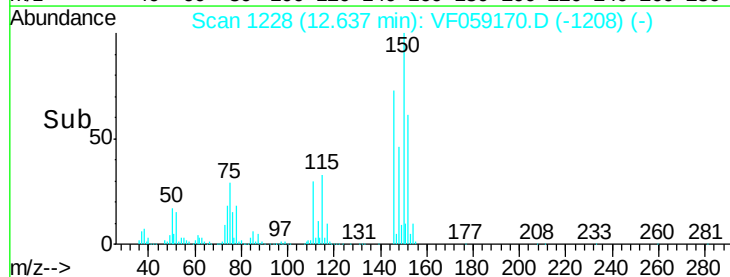
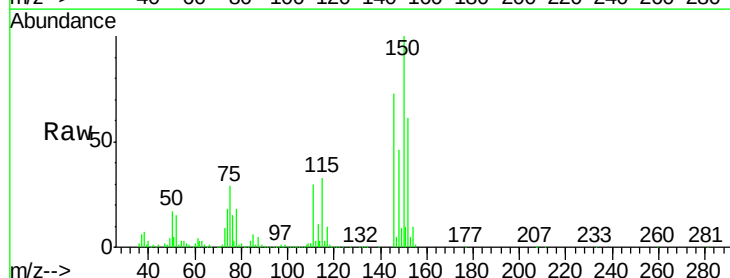
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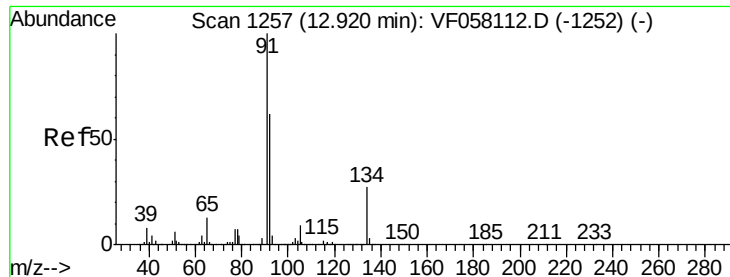


#88  
 1,4-Dichlorobenzene  
 Concen: 21.254 ug/l  
 RT: 12.64 min Scan# 1228  
 Delta R.T. -0.01 min  
 Lab File: VF059170.D  
 Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.8  | 20.4  | 61.2  |
| 148     | 63.2  | 33.0  | 99.0  |







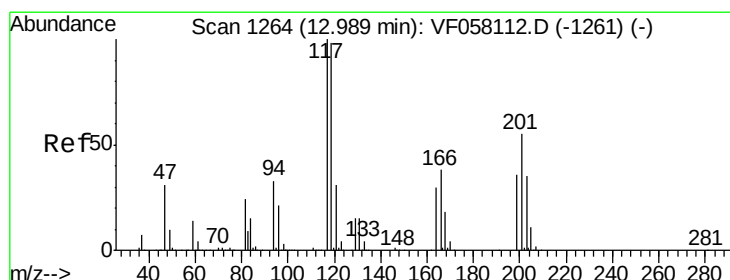
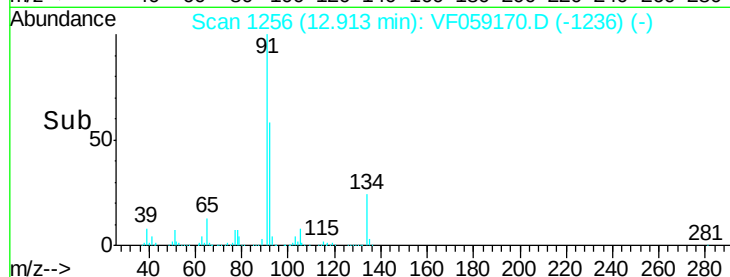
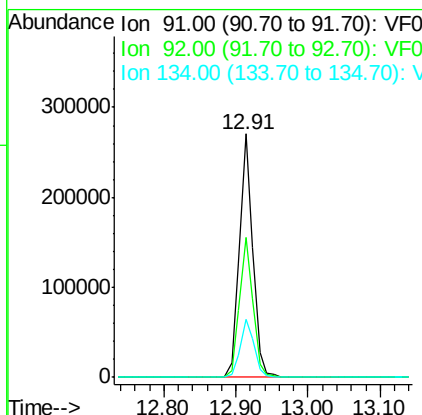
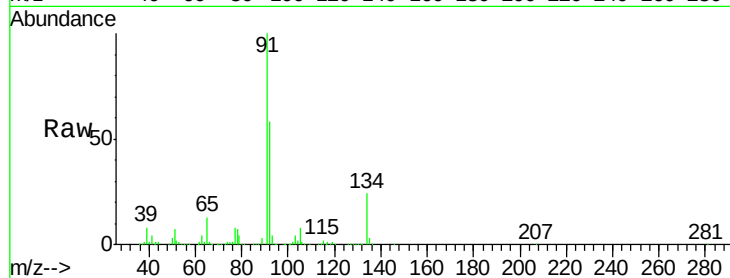
#89  
n-Butylbenzene  
Concen: 18.183 ug/l  
RT: 12.91 min Scan# 1256  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 57.5  | 31.1  | 93.5  |
| 134     | 24.1  | 13.6  | 40.8  |

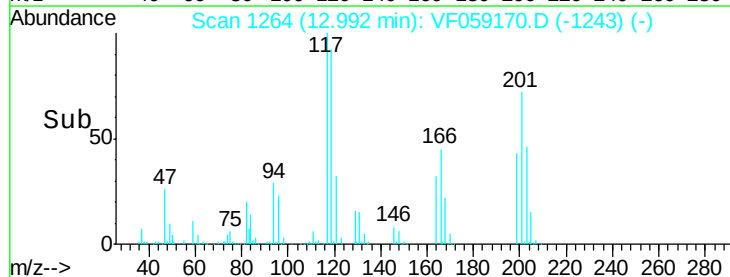
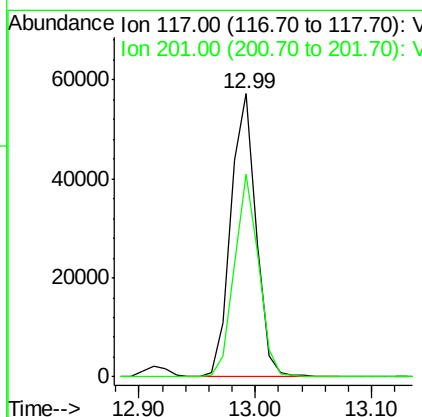
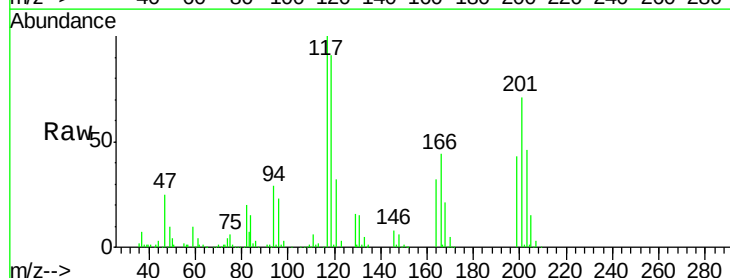
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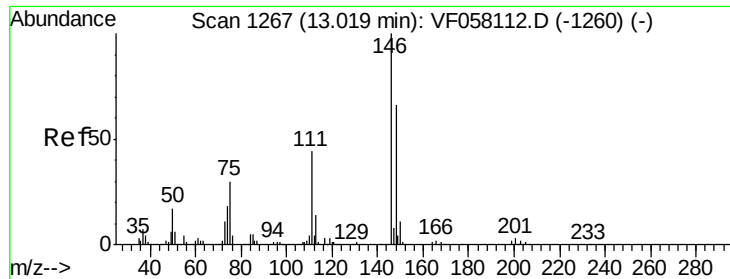
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#90  
Hexachloroethane  
Concen: 20.731 ug/l  
RT: 12.99 min Scan# 1264  
Delta R.T. 0.00 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 71.4  | 27.5  | 82.4  |





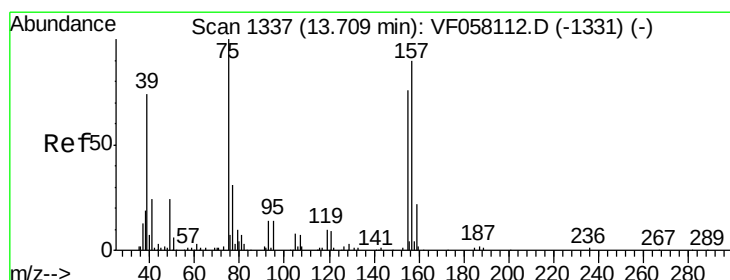
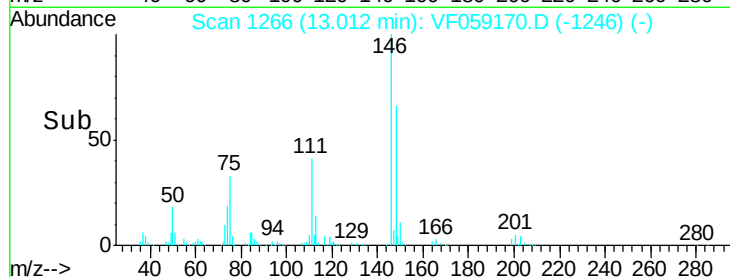
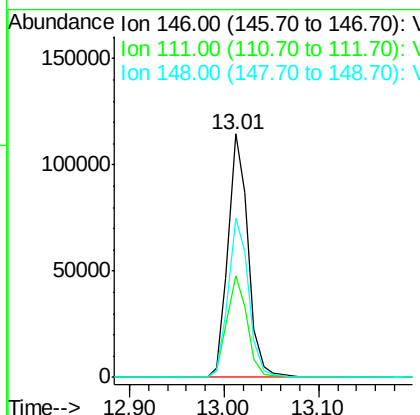
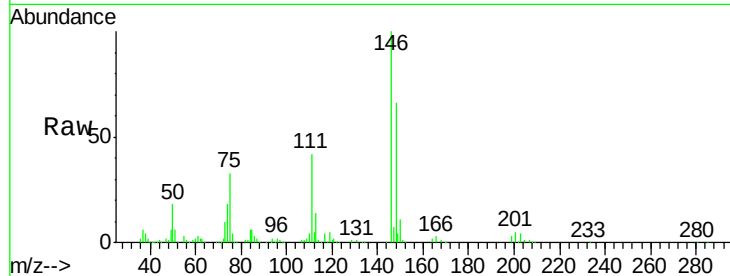
#91  
 1,2-Dichlorobenzene  
 Concen: 20.567 ug/l  
 RT: 13.01 min Scan# 1266  
 Delta R.T. -0.01 min  
 Lab File: VF059170.D  
 Acq: 18 Jun 2018 12:42

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0618SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.6  | 22.0  | 66.0  |
| 148     | 65.6  | 33.1  | 99.3  |

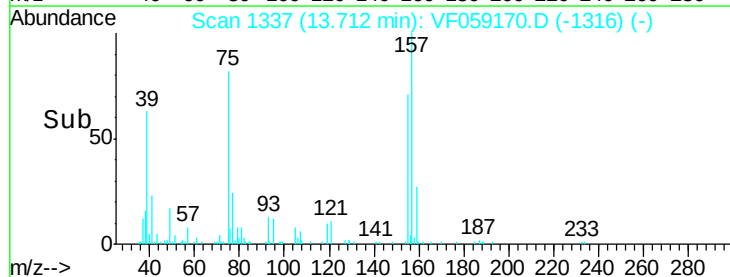
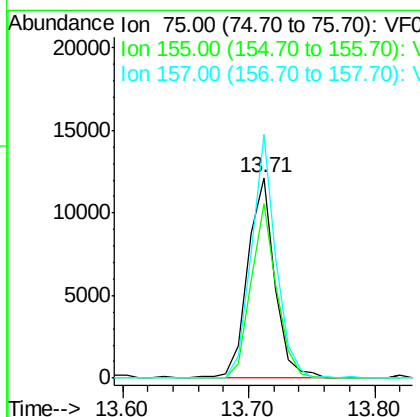
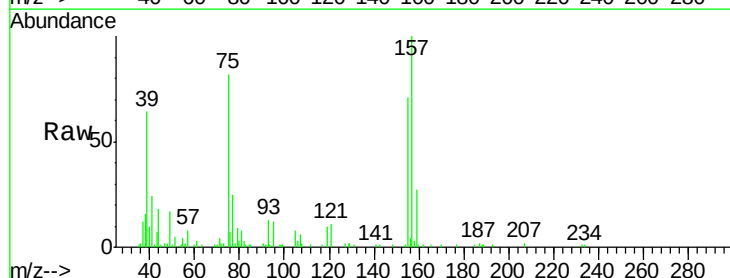
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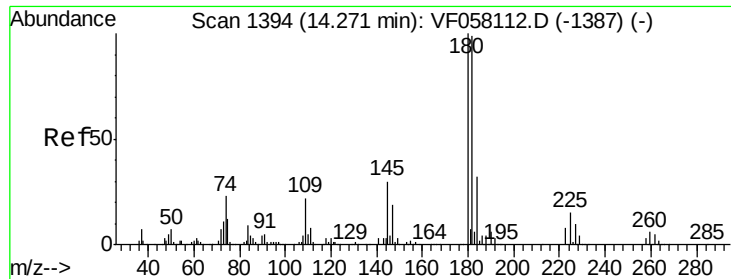
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.102 ug/l  
 RT: 13.71 min Scan# 1337  
 Delta R.T. 0.00 min  
 Lab File: VF059170.D  
 Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 86.9  | 38.0  | 114.0 |
| 157     | 121.7 | 45.1  | 135.5 |





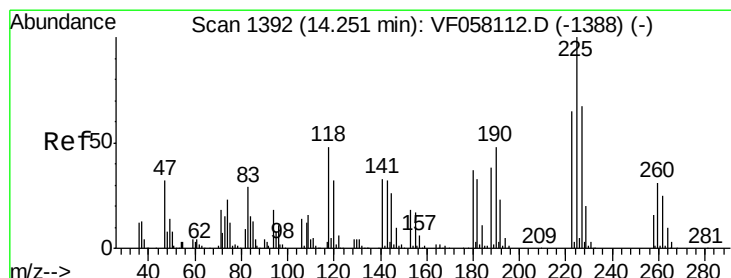
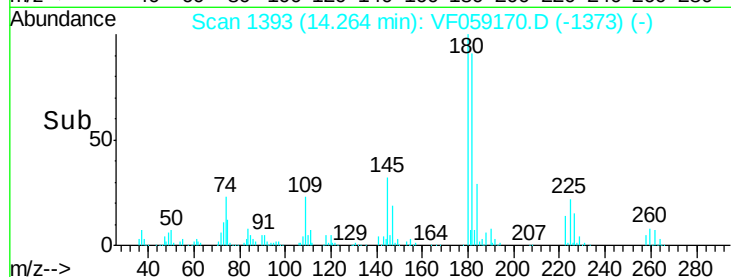
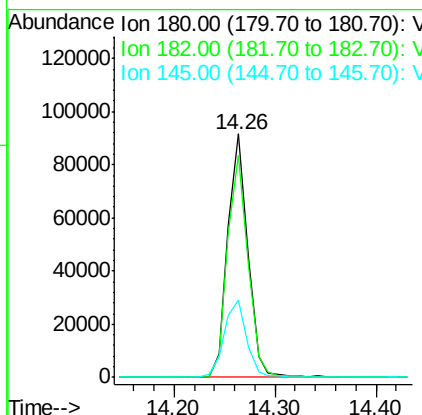
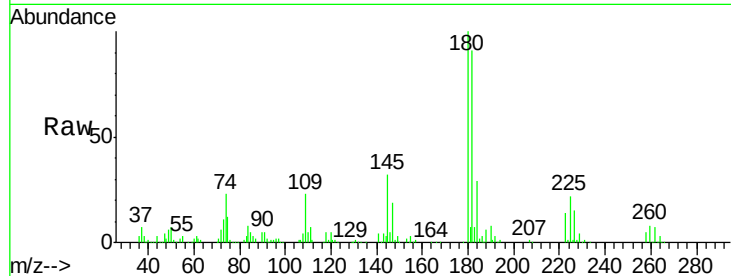
#93  
 1,2,4-Trichlorobenzene  
 Concen: 22.123 ug/l  
 RT: 14.26 min Scan# 1393  
 Delta R.T. -0.01 min  
 Lab File: VF059170.D  
 Acq: 18 Jun 2018 12:42

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0618SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 127562 |       |       |
| 182     | 91.2  | 49.3   | 147.9 |       |
| 145     | 31.8  | 14.9   | 44.9  |       |

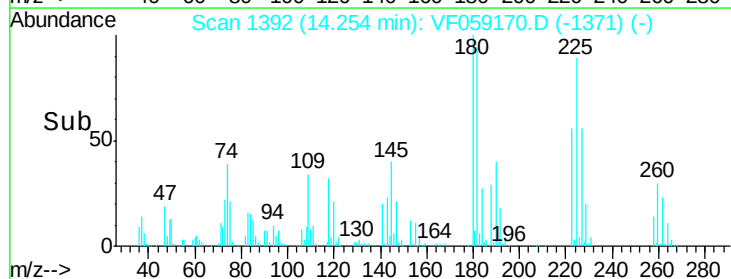
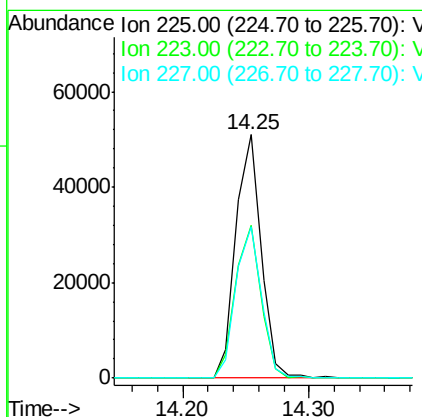
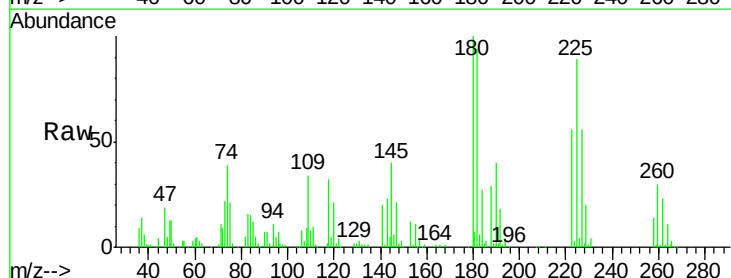
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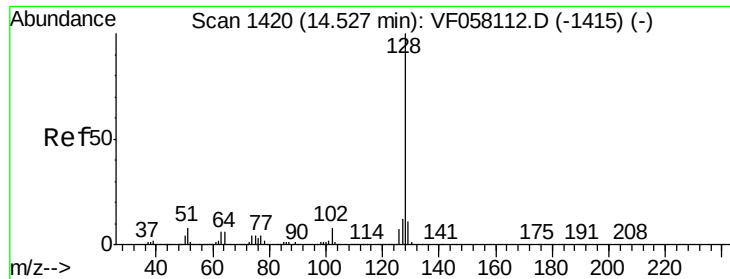
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#94  
 Hexachlorobutadiene  
 Concen: 21.233 ug/l  
 RT: 14.25 min Scan# 1392  
 Delta R.T. 0.00 min  
 Lab File: VF059170.D  
 Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 70846 |       |       |
| 223     | 62.5  | 32.8  | 98.3  |       |
| 227     | 62.4  | 33.3  | 99.9  |       |





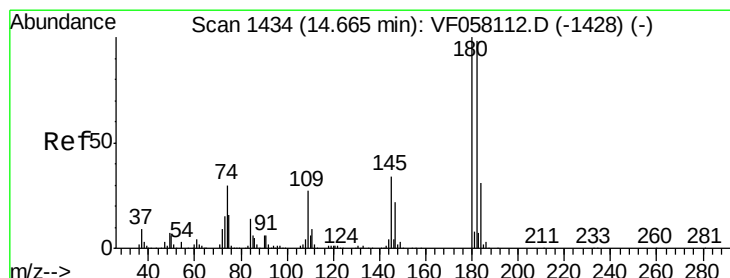
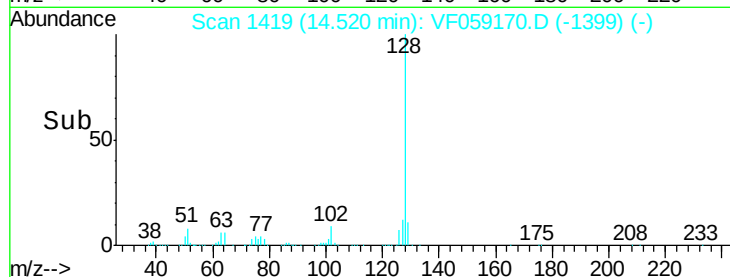
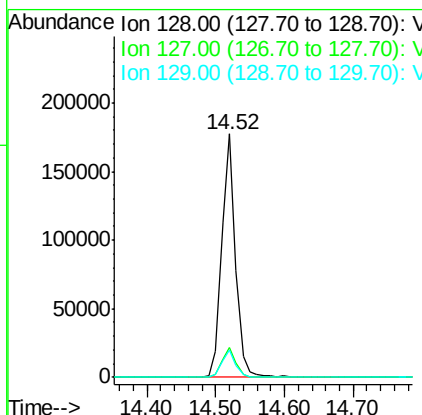
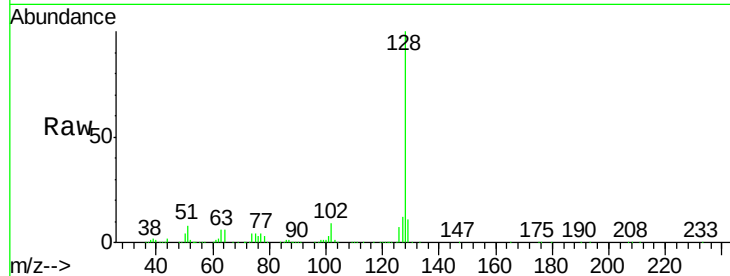
#95  
Naphthalene  
Concen: 20.092 ug/l  
RT: 14.52 min Scan# 1419  
Delta R.T. -0.01 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0618SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 247455 |       |       |
| 127     | 12.3  |        | 9.9   | 14.9  |
| 129     | 11.1  |        | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 21.502 ug/l  
RT: 14.67 min Scan# 1434  
Delta R.T. 0.00 min  
Lab File: VF059170.D  
Acq: 18 Jun 2018 12:42

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 114569 |       |       |
| 182     | 96.6  |        | 48.9  | 146.6 |
| 145     | 32.2  |        | 17.3  | 51.7  |

