

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\  
 Data File : VF059728.D  
 Acq On : 1 Aug 2018 1:49  
 Operator : VA/AP  
 Sample : VF0731SBS03  
 Misc : 5.00µg/5mL/MSVOA F/SOIL  
 ALS Vial : 100 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :

Quant Time: Aug 01 07:36:45 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F073018S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 31 15:23:22 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.05  | 168  | 168100   | 50.00 | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene    | 5.77  | 114  | 239132   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.92  | 117  | 242448   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.64 | 152  | 164390   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 5.03   | 65  | 162471   | 53.78 | ug/l    | 0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.56% |      |
| 35) Dibromofluoromethane  | 4.30   | 113 | 131129   | 52.79 | ug/l    | 0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.58% |      |
| 50) Toluene-d8            | 7.71   | 98  | 278452   | 48.08 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.16%  |      |
| 62) 4-Bromofluorobenzene  | 11.51  | 95  | 160899   | 50.18 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.36% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.99 | 85  | 61748  | 30.469  | ug/l   | 99     |
| 3) Chloromethane              | 1.08 | 50  | 28613  | 27.053  | ug/l   | 94     |
| 4) Vinyl Chloride             | 1.15 | 62  | 29410  | 26.494  | ug/l # | 80     |
| 5) Bromomethane               | 1.33 | 94  | 26099  | 28.715  | ug/l   | 94     |
| 6) Chloroethane               | 1.41 | 64  | 19298  | 28.581  | ug/l   | 92     |
| 7) Trichlorofluoromethane     | 1.54 | 101 | 54508  | 17.364  | ug/l   | 99     |
| 8) Diethyl Ether              | 1.71 | 74  | 12904  | 24.040  | ug/l   | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.90 | 101 | 44228  | 26.900  | ug/l   | 93     |
| 10) Methyl Iodide             | 1.96 | 142 | 67539  | 27.462  | ug/l   | 93     |
| 11) Tert butyl alcohol        | 2.69 | 59  | 14469  | 118.011 | ug/l   | 95     |
| 12) 1,1-Dichloroethene        | 1.84 | 96  | 32894  | 25.268  | ug/l   | 96     |
| 13) Acrolein                  | 2.09 | 56  | 3900   | 73.261  | ug/l   | 92     |
| 14) Allyl chloride            | 2.19 | 41  | 51778  | 24.912  | ug/l # | 96     |
| 15) Acrylonitrile             | 3.08 | 53  | 23432  | 120.074 | ug/l   | 89     |
| 16) Acetone                   | 2.35 | 43  | 55291  | 101.749 | ug/l   | 99     |
| 17) Carbon Disulfide          | 1.89 | 76  | 59186  | 18.779  | ug/l # | 94     |
| 18) Methyl Acetate            | 2.45 | 43  | 29857  | 33.788  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 2.54 | 73  | 97427  | 24.541  | ug/l   | 94     |
| 20) Methylene Chloride        | 2.28 | 84  | 33929  | 25.096  | ug/l   | 87     |
| 21) trans-1,2-Dichloroethene  | 2.41 | 96  | 30692  | 25.693  | ug/l   | 88     |
| 22) Diisopropyl ether         | 2.94 | 45  | 97203  | 22.115  | ug/l   | 92     |
| 23) Vinyl Acetate             | 3.33 | 43  | 251246 | 111.183 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 3.01 | 63  | 74924  | 24.536  | ug/l   | 99     |
| 25) 2-Butanone                | 4.51 | 43  | 60404  | 99.604  | ug/l # | 79     |
| 26) 2,2-Dichloropropane       | 3.78 | 77  | 49811  | 22.882  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 3.64 | 96  | 35523  | 21.723  | ug/l   | 88     |
| 28) Bromochloromethane        | 3.88 | 49  | 26769  | 22.667  | ug/l   | 100    |
| 29) Tetrahydrofuran           | 4.27 | 42  | 29308  | 125.741 | ug/l   | 96     |
| 30) Chloroform                | 4.04 | 83  | 104007 | 24.133  | ug/l   | 92     |
| 31) Cyclohexane               | 3.87 | 56  | 38245  | 23.670  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 4.28 | 97  | 84913  | 25.400  | ug/l   | 95     |
| 36) 1,1-Dichloropropene       | 4.47 | 75  | 60080  | 22.656  | ug/l   | 93     |
| 37) Ethyl Acetate             | 4.30 | 43  | 32600  | 25.000  | ug/l # | 81     |
| 38) Carbon Tetrachloride      | 4.17 | 117 | 102106 | 26.856  | ug/l   | 98     |

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 Misc : 5.00µ/5mL/MSVOA F/SOIL  
 ALS Vial : 100 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :

Quant Time: Aug 01 07:36:45 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F073018S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 31 15:23:22 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 5.63  | 83   | 46478    | 22.821  | ug/l   | 96       |
| 40) Benzene                    | 4.81  | 78   | 107745   | 22.311  | ug/l   | 95       |
| 41) Methacrylonitrile          | 4.93  | 41   | 15768    | 24.777  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 5.12  | 62   | 86612    | 25.627  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 7.12  | 43   | 31918    | 22.322  | ug/l # | 84       |
| 44) Trichloroethene            | 5.68  | 130  | 41809    | 22.968  | ug/l   | 81       |
| 45) 1,2-Dichloropropane        | 6.41  | 63   | 28292    | 22.184  | ug/l   | 95       |
| 46) Dibromomethane             | 6.25  | 93   | 27102    | 22.383  | ug/l   | 90       |
| 47) Bromodichloromethane       | 6.55  | 83   | 78629    | 23.847  | ug/l   | 96       |
| 48) Methyl methacrylate        | 6.88  | 41   | 23853    | 22.178  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 6.88  | 88   | 2923     | 396.674 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.41  | 43   | 127935   | 117.617 | ug/l   | 98       |
| 52) Toluene                    | 7.79  | 92   | 74377    | 21.638  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 8.43  | 75   | 63840    | 22.314  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 7.46  | 75   | 60992    | 22.009  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane      | 8.64  | 97   | 32512    | 24.858  | ug/l # | 86       |
| 56) Ethyl methacrylate         | 8.76  | 69   | 30051    | 22.032  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.00  | 76   | 51890    | 23.126  | ug/l   | 92       |
| 58) 2-Chloroethyl Vinyl ether  | 7.79  | 63   | 18127    | 115.105 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.63  | 43   | 94362    | 108.257 | ug/l   | 95       |
| 60) Dibromochloromethane       | 8.87  | 129  | 54459    | 23.597  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.14  | 107  | 36878    | 24.147  | ug/l   | 93       |
| 64) Tetrachloroethene          | 8.31  | 164  | 44416    | 24.922  | ug/l   | 95       |
| 65) Chlorobenzene              | 9.95  | 112  | 108020   | 22.272  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.08 | 131  | 53208    | 23.499  | ug/l   | 90       |
| 67) Ethyl Benzene              | 10.04 | 91   | 193343   | 23.041  | ug/l   | 96       |
| 68) m/p-Xylenes                | 10.27 | 106  | 132588   | 46.340  | ug/l   | 95       |
| 69) o-Xylene                   | 10.83 | 106  | 74054    | 23.951  | ug/l   | 95       |
| 70) Styrene                    | 10.90 | 104  | 109755   | 23.432  | ug/l   | 98       |
| 71) Bromoform                  | 10.89 | 173  | 36897    | 25.007  | ug/l   | 92       |
| 73) Isopropylbenzene           | 11.23 | 105  | 234762   | 21.765  | ug/l   | 98       |
| 74) N-amyl acetate             | 11.46 | 43   | 52633    | 19.341  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.79 | 83   | 47067    | 23.181  | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane     | 11.89 | 75   | 38310    | 22.189  | ug/l   | 97       |
| 77) Bromobenzene               | 11.60 | 156  | 59328    | 21.063  | ug/l   | 88       |
| 78) n-propylbenzene            | 11.69 | 91   | 270342   | 21.606  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.82 | 91   | 169916   | 21.957  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 11.92 | 105  | 215542   | 22.527  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.96 | 75   | 21047    | 29.435  | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 12.00 | 91   | 181085   | 22.125  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.21 | 119  | 217174   | 22.429  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 12.29 | 105  | 228560   | 23.968  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 12.39 | 105  | 286928   | 23.149  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.54 | 119  | 244563   | 22.372  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.56 | 146  | 121991   | 23.416  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.65 | 146  | 115819   | 22.638  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.92 | 91   | 234523   | 22.575  | ug/l   | 95       |
| 90) Hexachloroethane           | 13.00 | 117  | 63813    | 23.456  | ug/l   | 77       |
| 91) 1,2-Dichlorobenzene        | 13.02 | 146  | 115364   | 23.312  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.71 | 75   | 11442    | 23.052  | ug/l   | 91       |

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Acq On : 1 Aug 2018 1:49  
Operator : VA/AP  
Sample : VF0731SBS03  
Misc : 5.00µ/5mL/MSVOA F/SOIL  
ALS Vial : 100 Sample Multiplier: 1

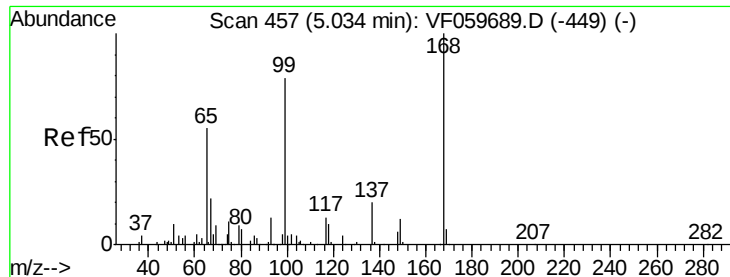
Instrument :  
MSVOA\_F  
ClientSampleId :

Quant Time: Aug 01 07:36:45 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F073018S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 31 15:23:22 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.27 | 180  | 91650    | 23.012 | ug/l  | 91       |
| 94) Hexachlorobutadiene    | 14.25 | 225  | 60790    | 22.545 | ug/l  | 98       |
| 95) Naphthalene            | 14.52 | 128  | 153705   | 21.686 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.67 | 180  | 88617    | 22.621 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

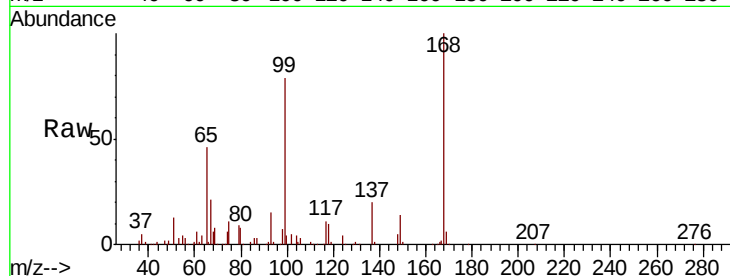
Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion:168 Resp: 168100

Ion Ratio Lower Upper

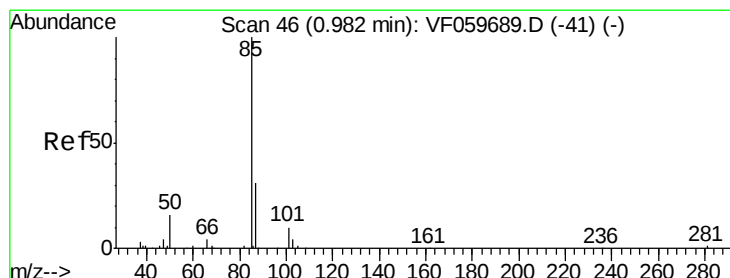
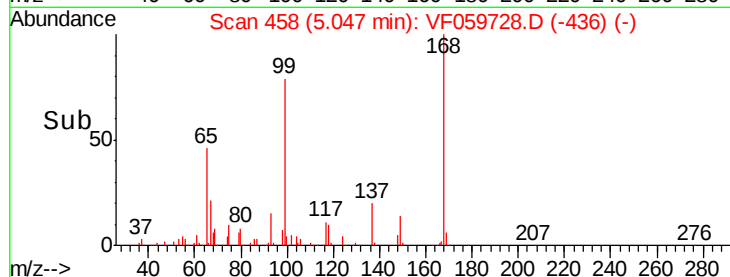
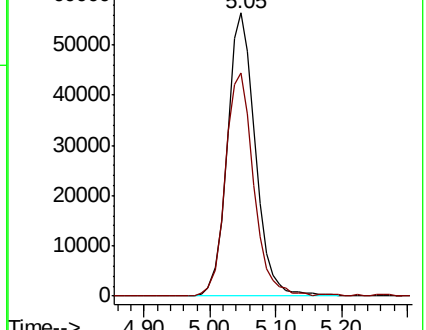
168 100

99 78.9 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 30.469 ug/l

RT: 0.99 min Scan# 46

Delta R.T. 0.00 min

Lab File: VF059728.D

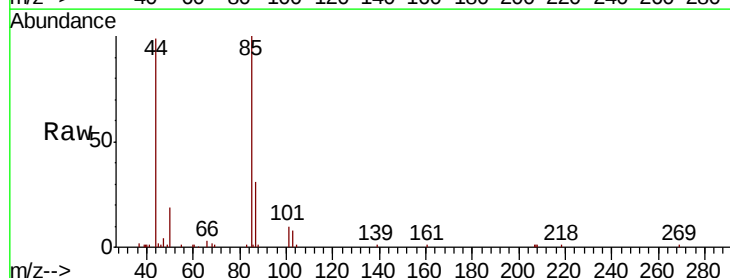
Acq: 1 Aug 2018 1:49

Tgt Ion: 85 Resp: 61748

Ion Ratio Lower Upper

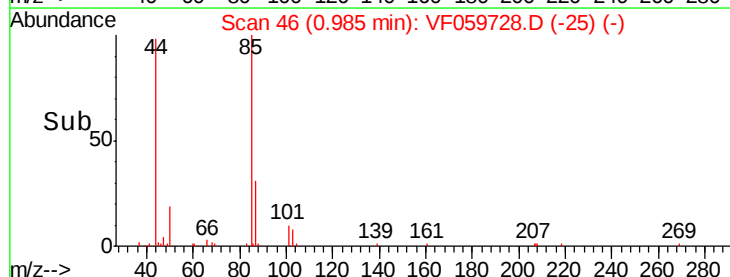
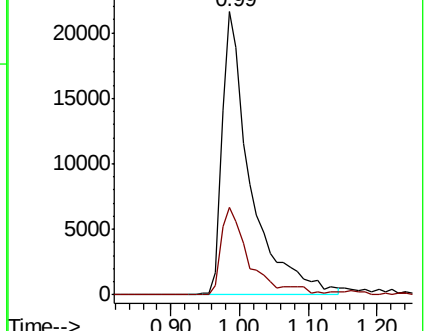
85 100

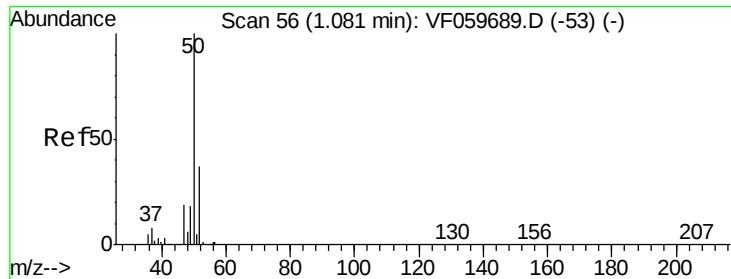
87 31.1 15.3 45.8



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 27.053 ug/l

RT: 1.08 min Scan# 56

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

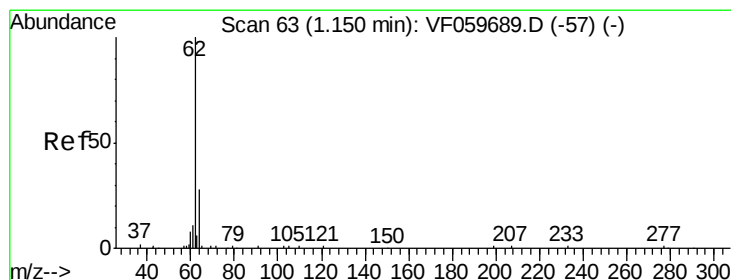
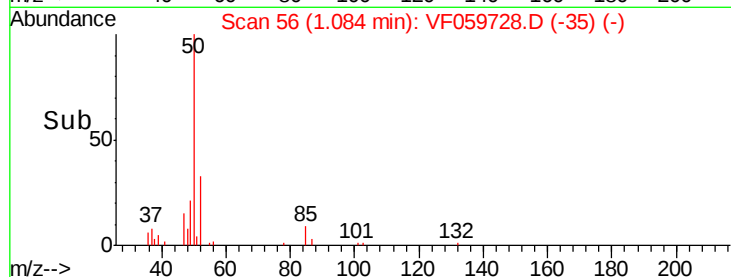
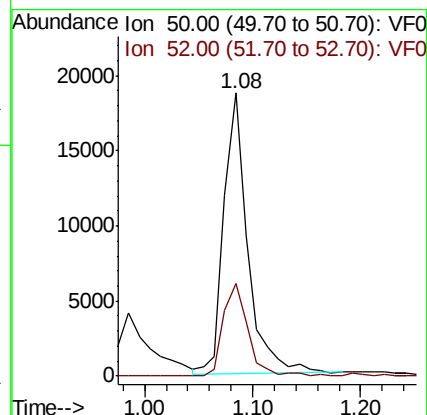
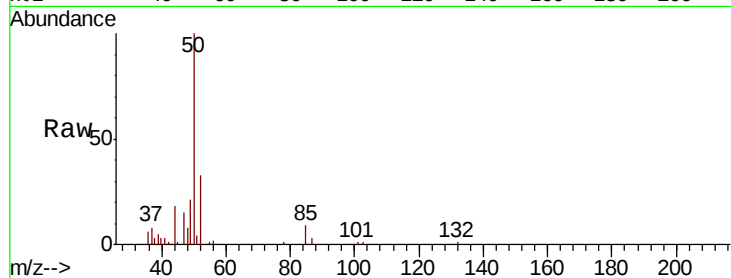
ClientSampleId :

Tot Ion: 50 Resp: 28613

Ion Ratio Lower Upper

50 100

52 32.8 29.1 43.7



#4

Vinyl Chloride

Concen: 26.494 ug/l

RT: 1.15 min Scan# 63

Delta R.T. 0.00 min

Lab File: VF059728.D

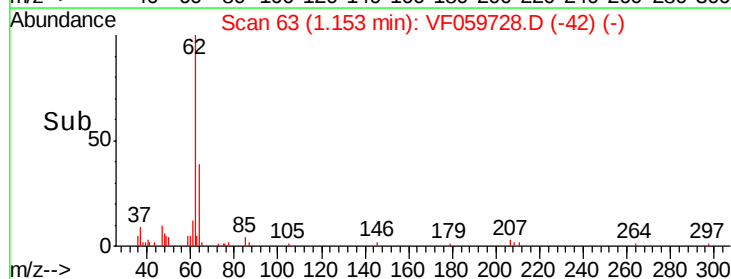
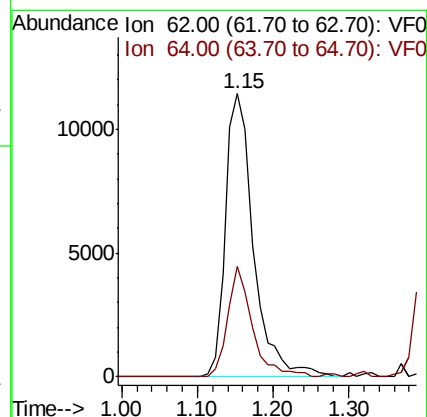
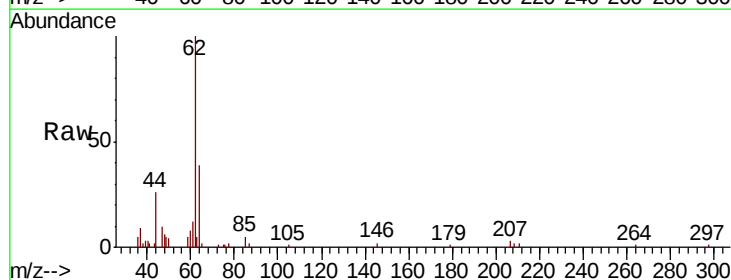
Acq: 1 Aug 2018 1:49

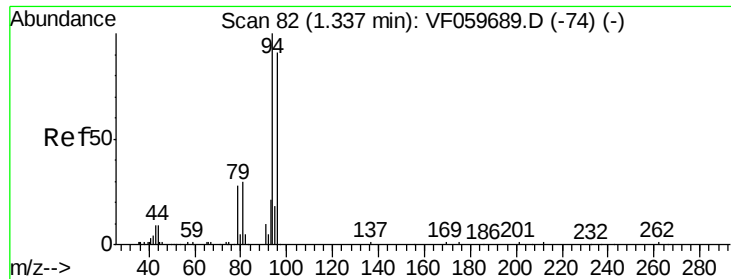
Tgt Ion: 62 Resp: 29410

Ion Ratio Lower Upper

62 100

64 38.9 22.6 33.8#





#5

Bromomethane

Concen: 28.715 ug/l

RT: 1.33 min Scan# 81

Delta R.T. -0.01 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

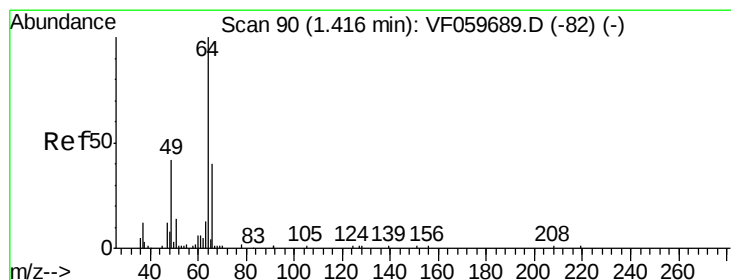
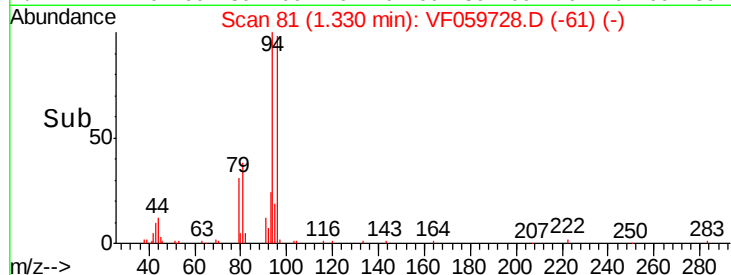
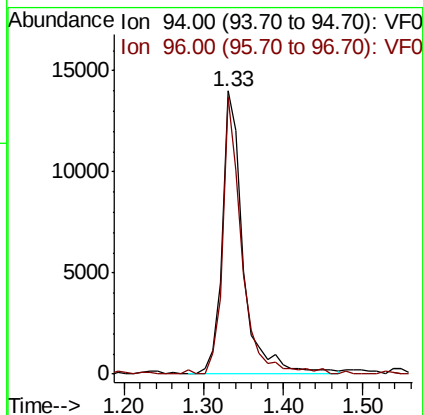
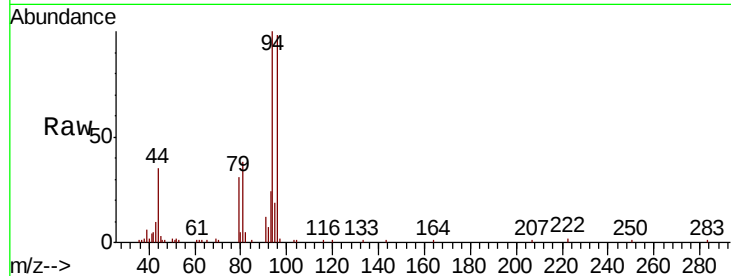
Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion: 94 Resp: 26099

Ion Ratio Lower Upper

94 100

96 97.8 73.6 110.4



#6

Chloroethane

Concen: 28.581 ug/l

RT: 1.41 min Scan# 89

Delta R.T. -0.01 min

Lab File: VF059728.D

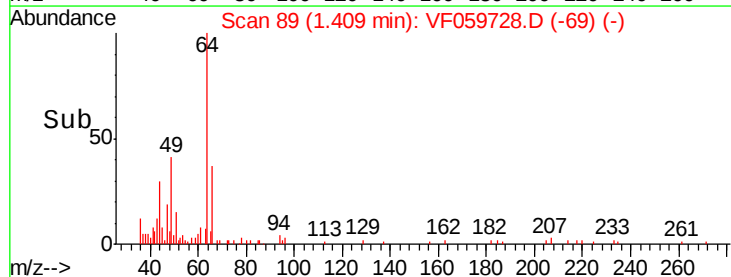
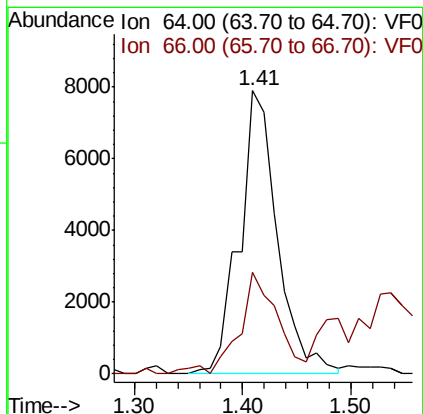
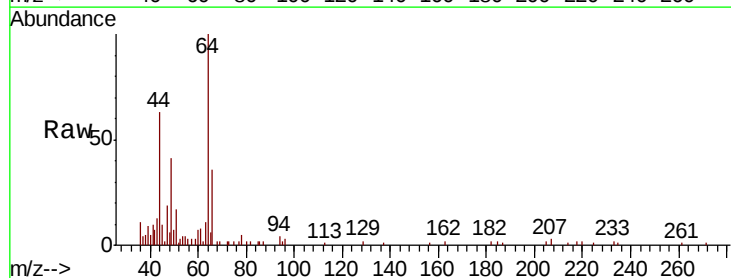
Acq: 1 Aug 2018 1:49

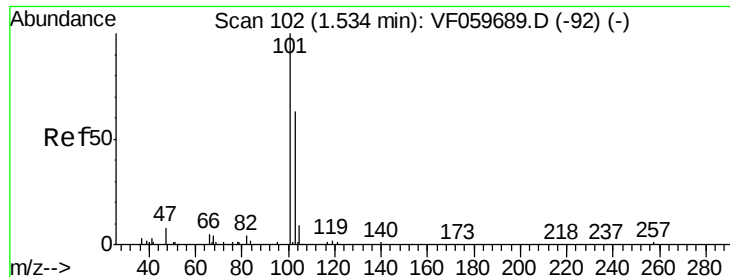
Tgt Ion: 64 Resp: 19298

Ion Ratio Lower Upper

64 100

66 35.9 32.6 49.0



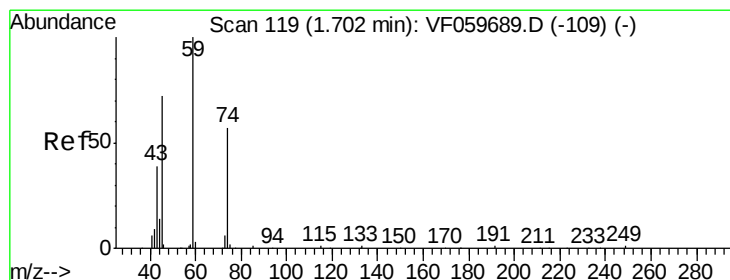
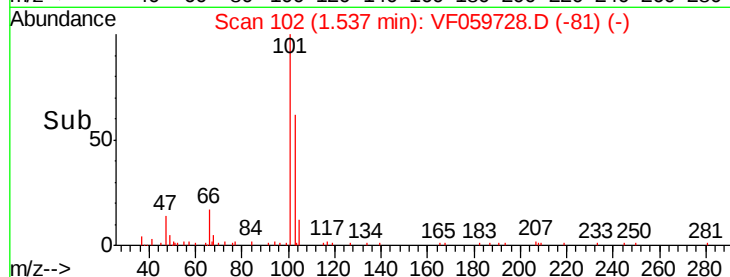
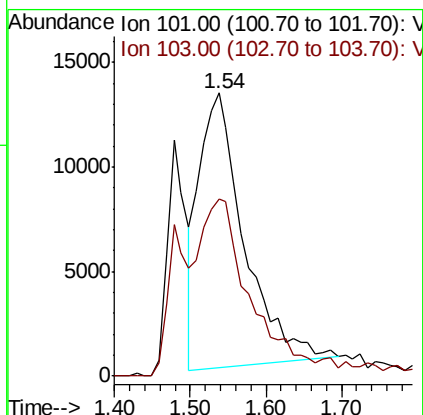
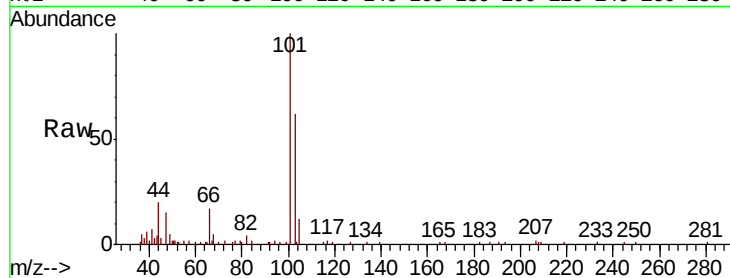


#7

Trichlorofluoromethane  
Concen: 17.364 ug/l  
RT: 1.54 min Scan# 102  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Instrument :  
MSVOA\_F  
ClientSampleId :

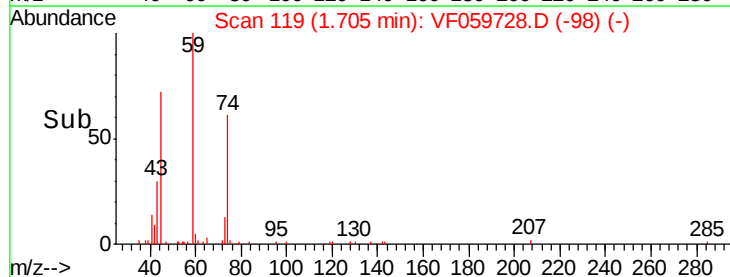
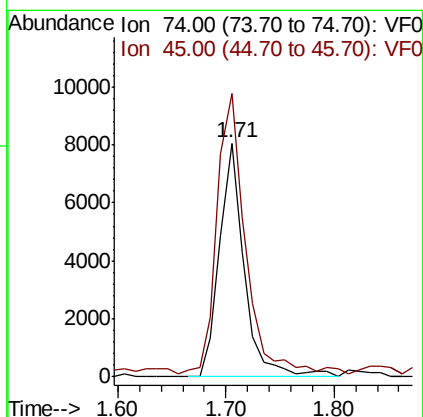
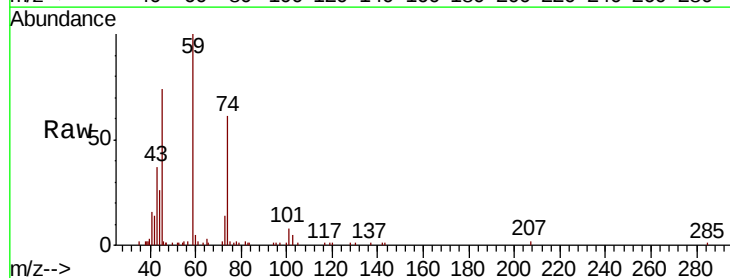
Tot Ion:101 Resp: 54508  
Ion Ratio Lower Upper  
101 100  
103 62.4 50.8 76.2

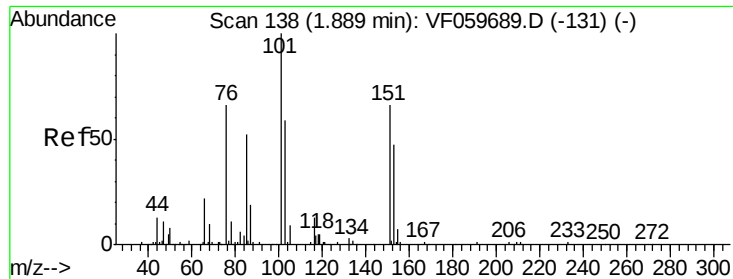


#8

Diethyl Ether  
Concen: 24.040 ug/l  
RT: 1.71 min Scan# 119  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Tgt Ion: 74 Resp: 12904  
Ion Ratio Lower Upper  
74 100  
45 121.1 62.7 188.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 26.900 ug/l

RT: 1.90 min Scan# 139

Delta R.T. 0.01 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

ClientSampleId :

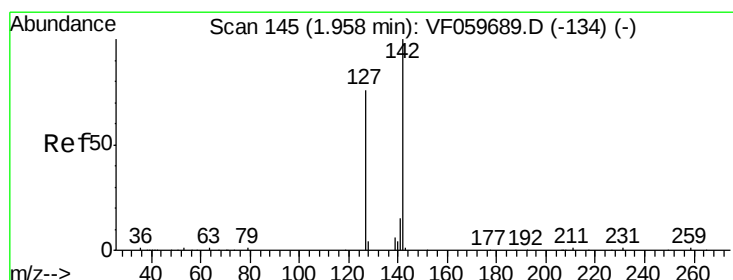
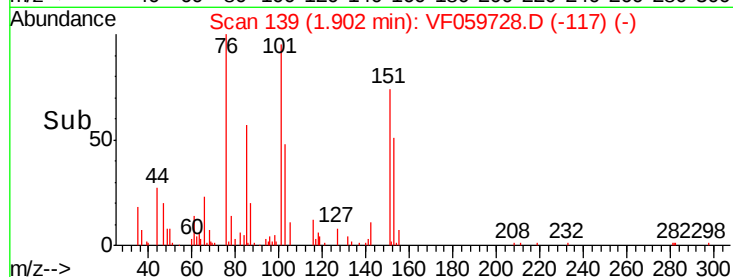
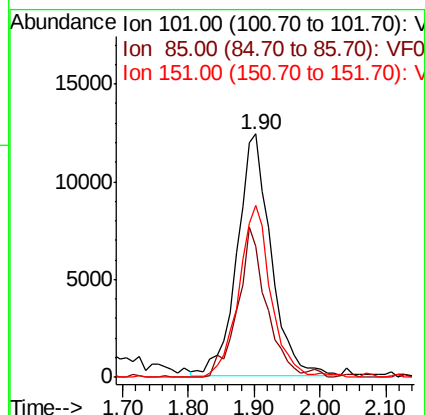
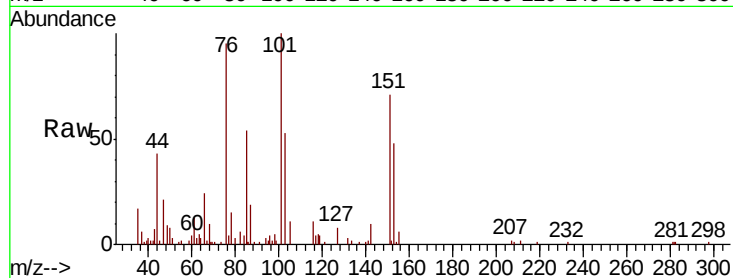
Tot Ion:101 Resp: 44228

Ion Ratio Lower Upper

101 100

85 54.7 40.7 61.1

151 70.8 51.4 77.2



#10

Methyl Iodide

Concen: 27.462 ug/l

RT: 1.96 min Scan# 145

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

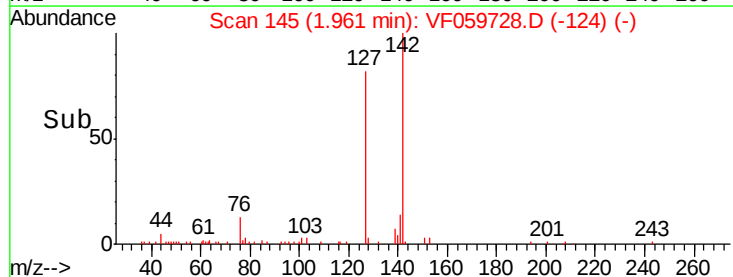
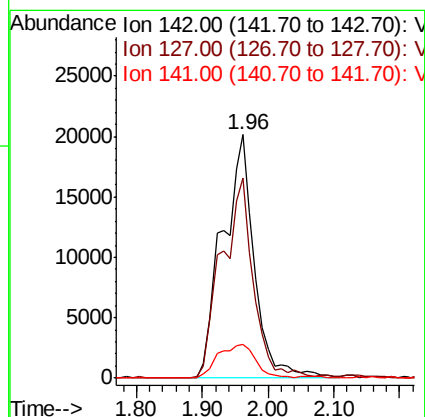
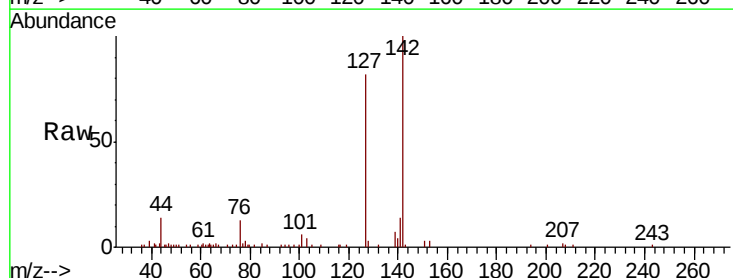
Tgt Ion:142 Resp: 67539

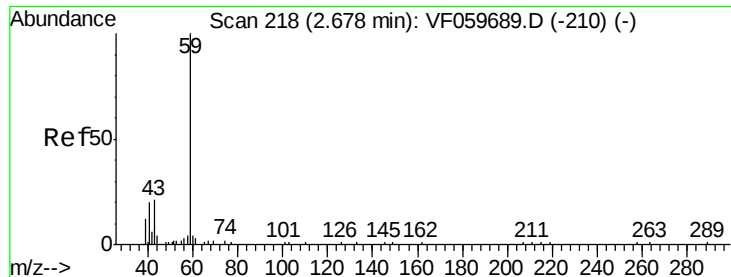
Ion Ratio Lower Upper

142 100

127 82.4 60.6 91.0

141 13.8 12.0 18.0



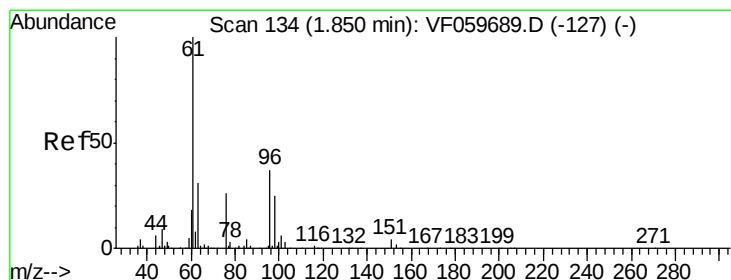
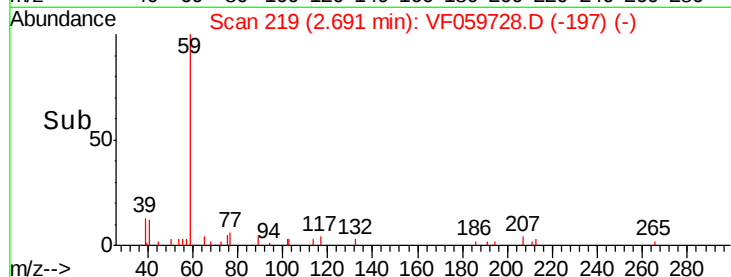
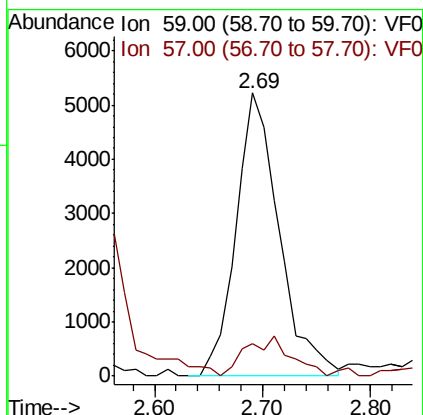
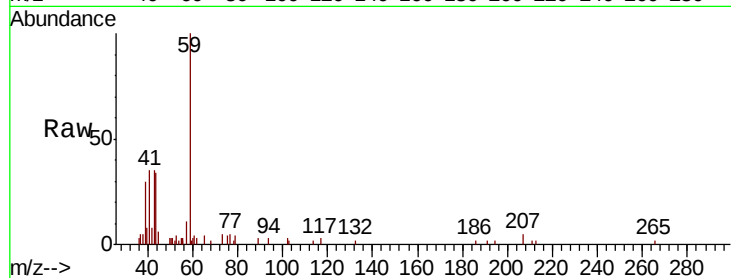


#11

Tert butyl alcohol  
Concen: 118.011 ug/l  
RT: 2.69 min Scan# 219  
Delta R.T. 0.01 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Instrument :  
MSVOA\_F  
ClientSampled :

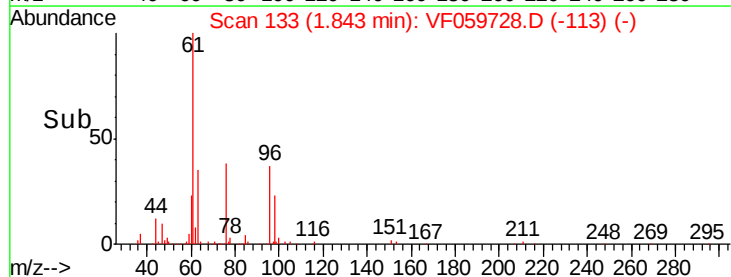
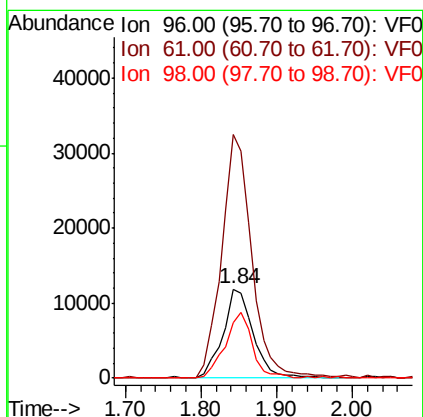
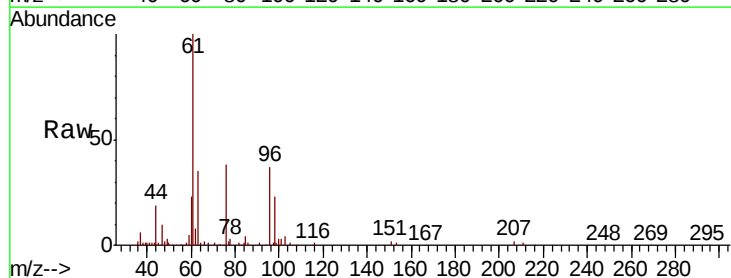
Tot Ion: 59 Resp: 14469  
Ion Ratio Lower Upper  
59 100  
57 11.3 7.6 11.4

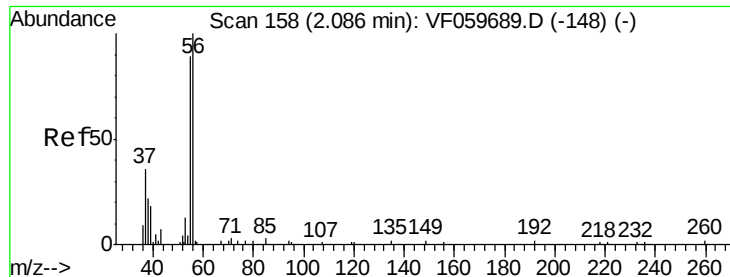


#12

1,1-Dichloroethene  
Concen: 25.268 ug/l  
RT: 1.84 min Scan# 133  
Delta R.T. -0.01 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Tgt Ion: 96 Resp: 32894  
Ion Ratio Lower Upper  
96 100  
61 273.3 215.1 322.7  
98 61.6 54.3 81.5





#13

Acrolein

Concen: 73.261 ug/l

RT: 2.09 min Scan# 158

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

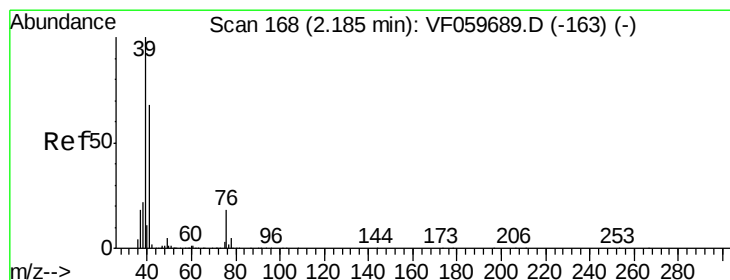
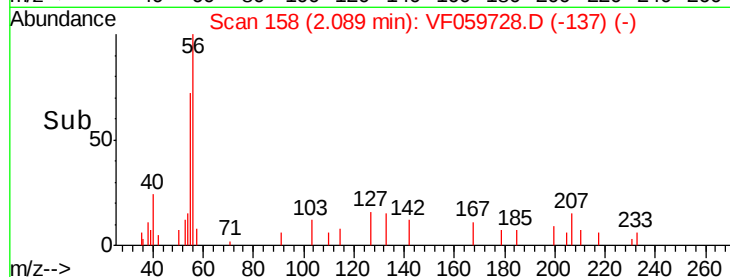
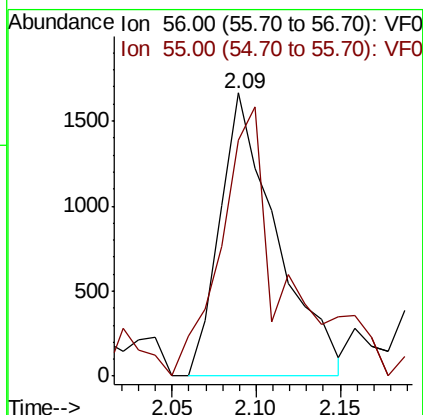
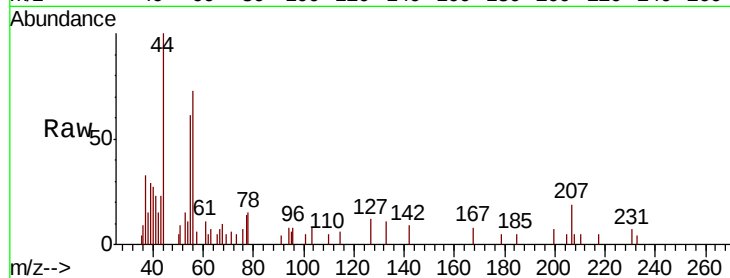
Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion: 56 Resp: 3900

Ion Ratio Lower Upper

56 100

55 83.6 73.2 109.8



#14

Allyl chloride

Concen: 24.912 ug/l

RT: 2.19 min Scan# 168

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

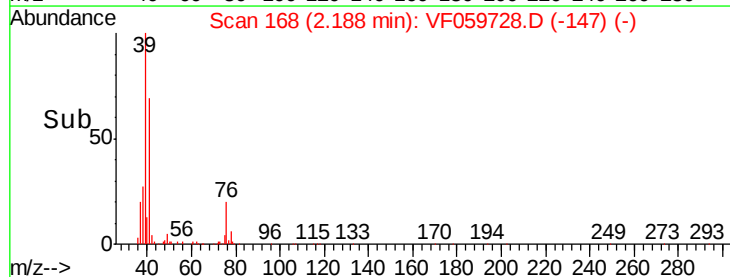
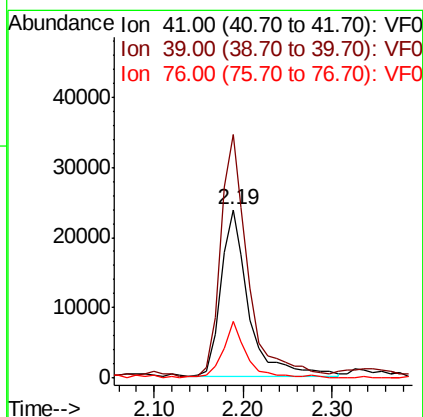
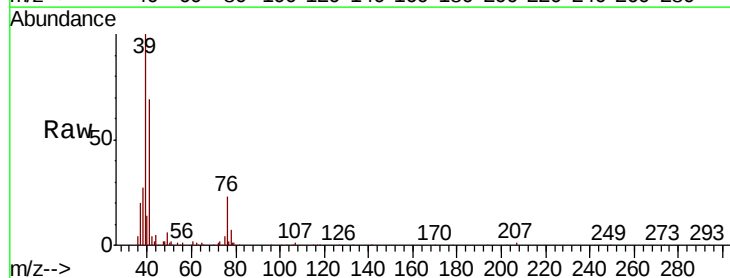
Tgt Ion: 41 Resp: 51778

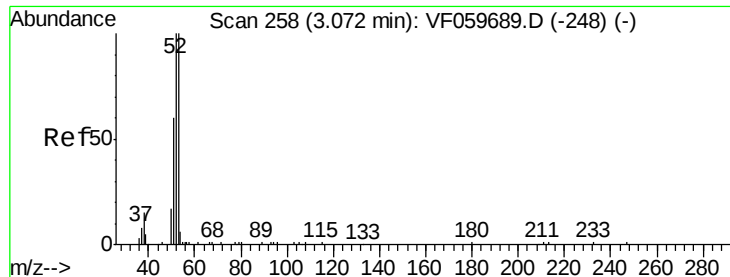
Ion Ratio Lower Upper

41 100

39 144.8 118.1 177.1

76 33.5 22.0 33.0#





#15

Acrylonitrile

Concen: 120.074 ug/l

RT: 3.08 min Scan# 258

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

ClientSampleId :

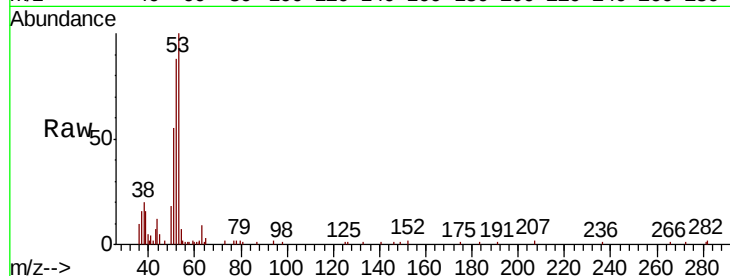
Tot Ion: 53 Resp: 23432

Ion Ratio Lower Upper

53 100

52 87.9 80.3 120.5

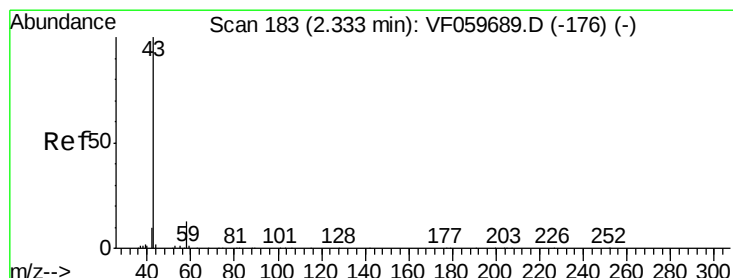
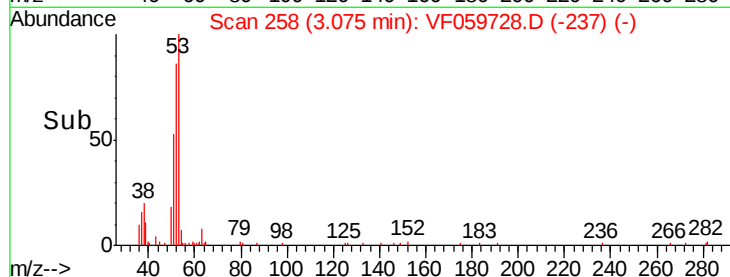
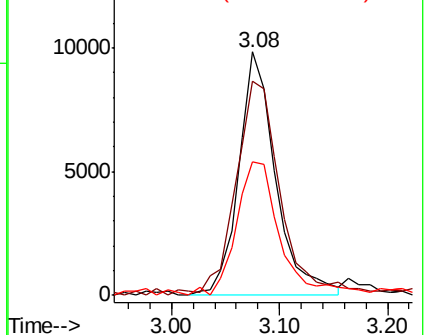
51 54.8 49.4 74.0



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 101.749 ug/l

RT: 2.35 min Scan# 184

Delta R.T. 0.01 min

Lab File: VF059728.D

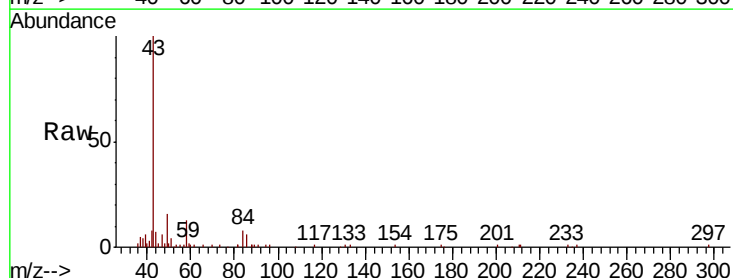
Acq: 1 Aug 2018 1:49

Tgt Ion: 43 Resp: 55291

Ion Ratio Lower Upper

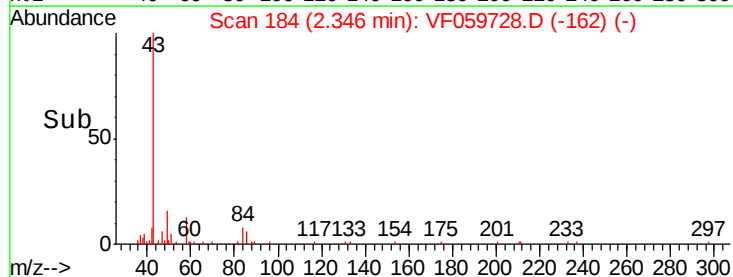
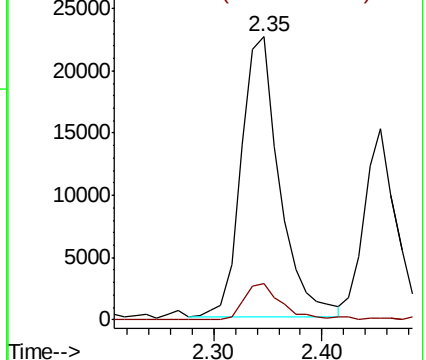
43 100

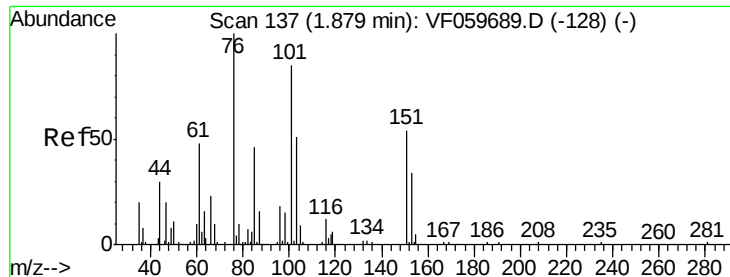
58 13.0 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

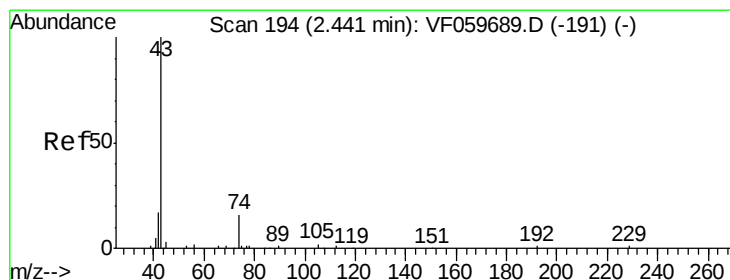
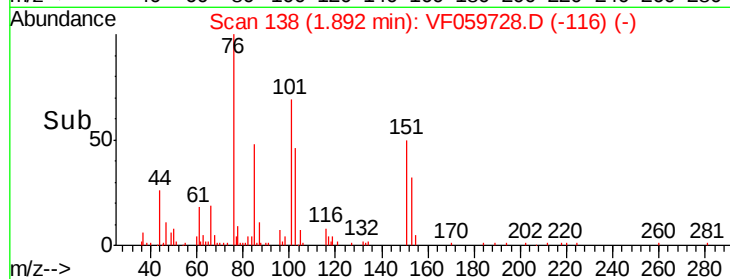
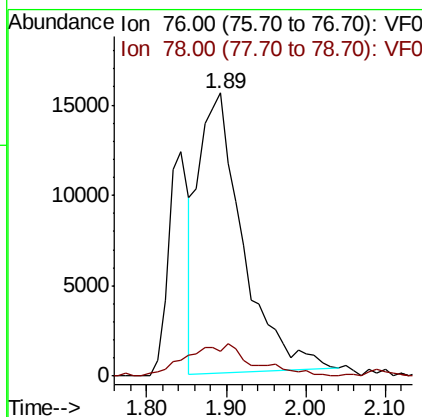
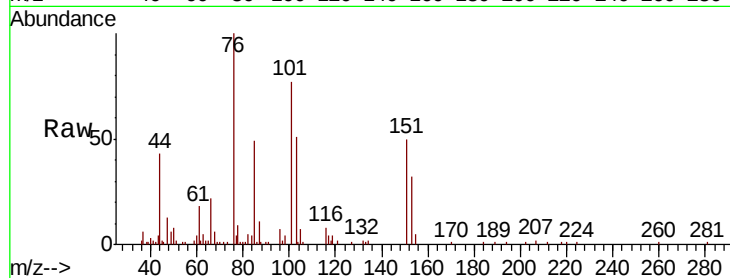




#17  
Carbon Disulfide  
Concen: 18.779 ug/l  
RT: 1.89 min Scan# 138  
Delta R.T. 0.01 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

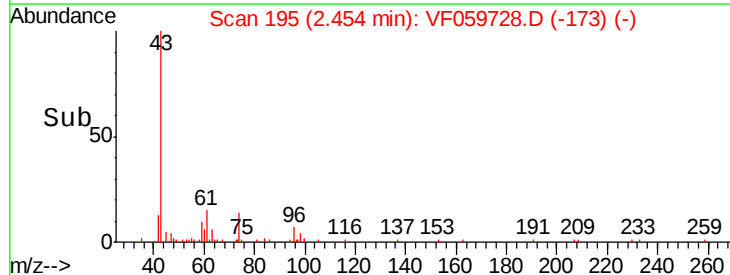
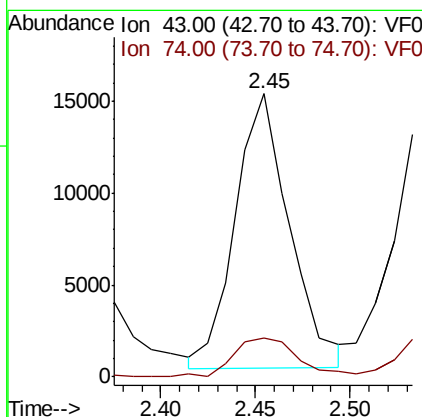
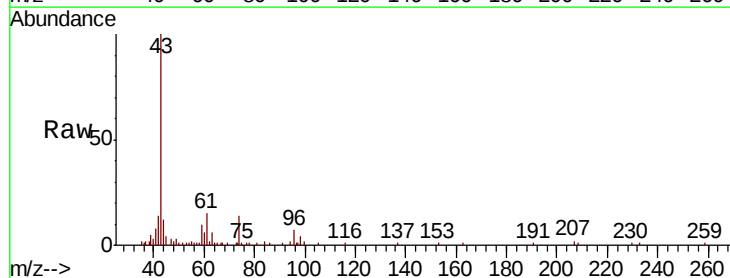
Instrument :  
MSVOA\_F  
ClientSampleId :

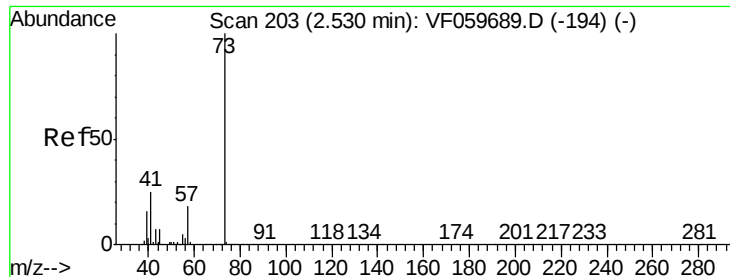
Tot Ion: 76 Resp: 59186  
Ion Ratio Lower Upper  
76 100  
78 8.7 8.9 13.3#



#18  
Methyl Acetate  
Concen: 33.788 ug/l  
RT: 2.45 min Scan# 195  
Delta R.T. 0.01 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Tgt Ion: 43 Resp: 29857  
Ion Ratio Lower Upper  
43 100  
74 13.8 11.8 17.6

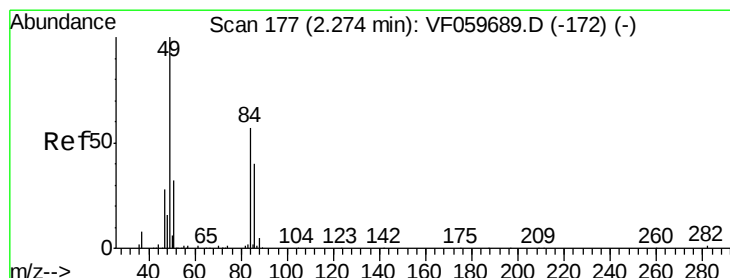
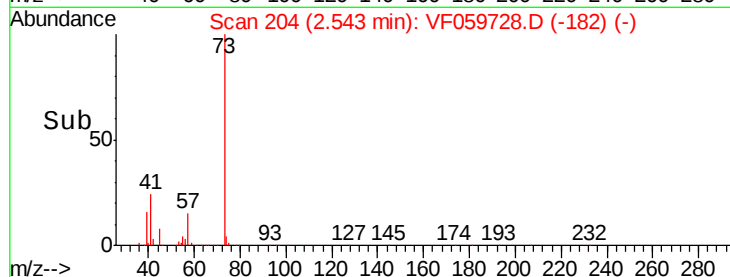
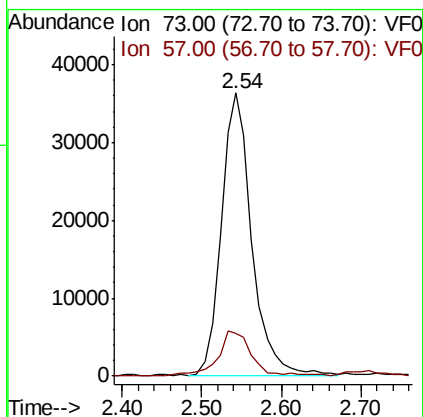
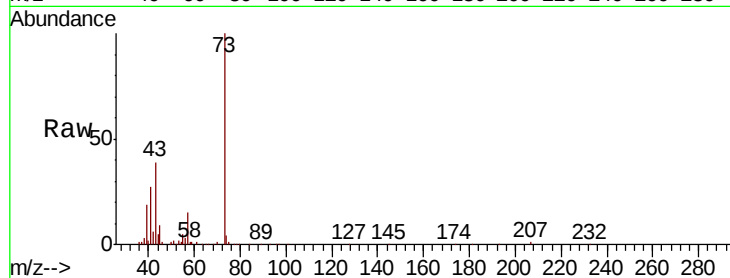




#19  
Methvl tert-butvl Ether  
Concen: 24.541 ug/l  
RT: 2.54 min Scan# 204  
Delta R.T. 0.01 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

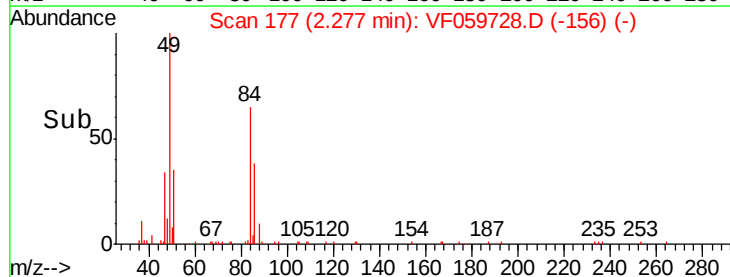
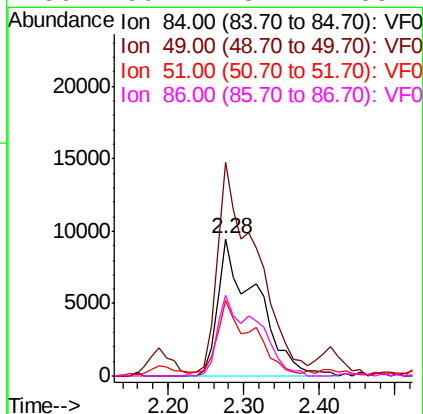
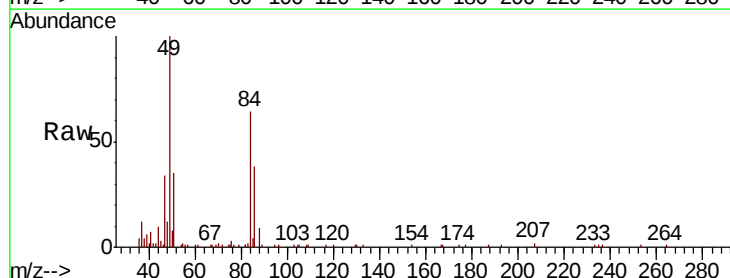
Instrument :  
MSVOA\_F  
ClientSampleId :

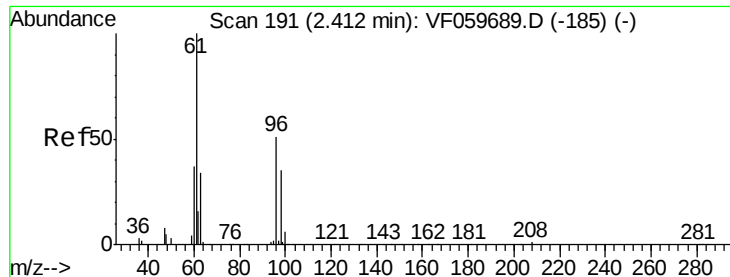
Tot Ion: 73 Resp: 97427  
Ion Ratio Lower Upper  
73 100  
57 15.2 14.2 21.2



#20  
Methylene Chloride  
Concen: 25.096 ug/l  
RT: 2.28 min Scan# 177  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Tgt Ion: 84 Resp: 33929  
Ion Ratio Lower Upper  
84 100  
49 155.7 142.2 213.4  
51 55.1 46.2 69.2  
86 59.1 57.1 85.7





#21

trans-1,2-Dichloroethene

Concen: 25.693 ug/l

RT: 2.41 min Scan# 191

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :  
MSVOA\_F  
ClientSampleId :

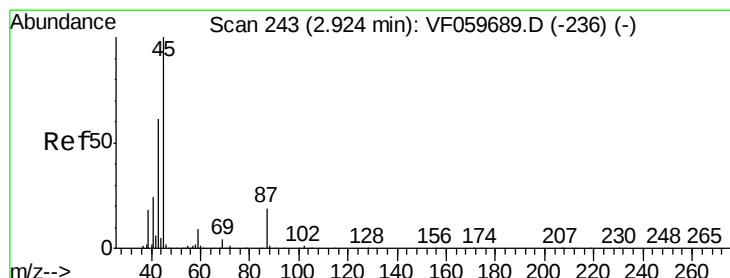
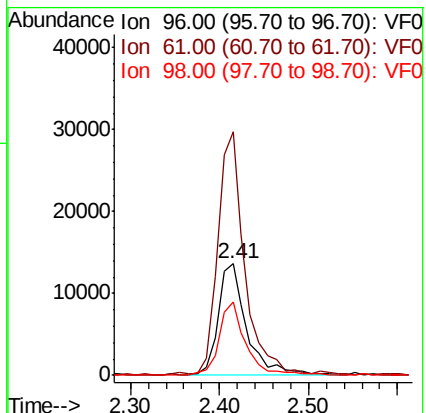
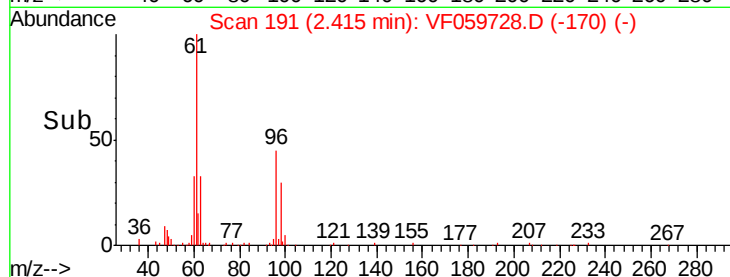
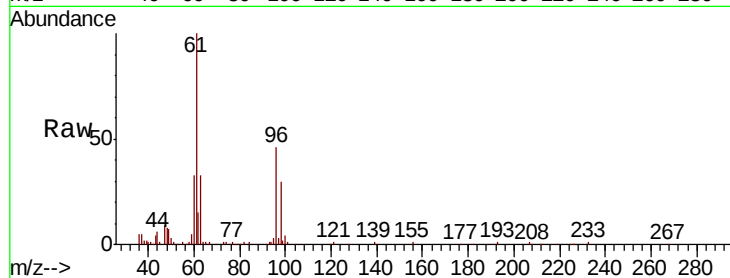
Tot Ion: 96 Resp: 30692

Ion Ratio Lower Upper

96 100

61 218.8 157.4 236.0

98 65.6 55.0 82.4



#22

Diisopropyl ether

Concen: 22.115 ug/l

RT: 2.94 min Scan# 244

Delta R.T. 0.01 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Tgt Ion: 45 Resp: 97203

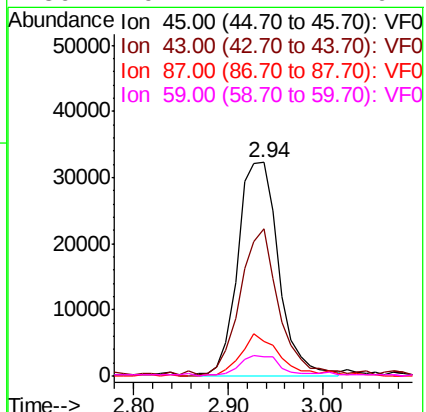
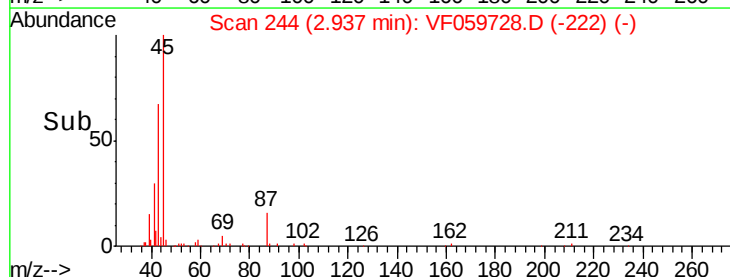
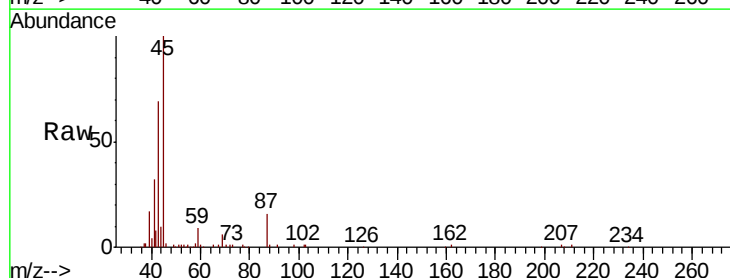
Ion Ratio Lower Upper

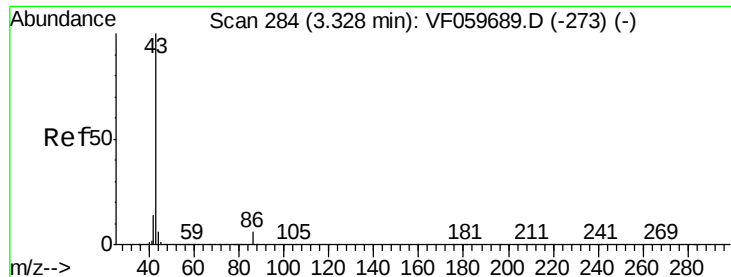
45 100

43 68.8 49.3 73.9

87 16.2 15.3 22.9

59 9.1 7.1 10.7





#23

Vinyl Acetate

Concen: 111.183 ug/l

RT: 3.33 min Scan# 284

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

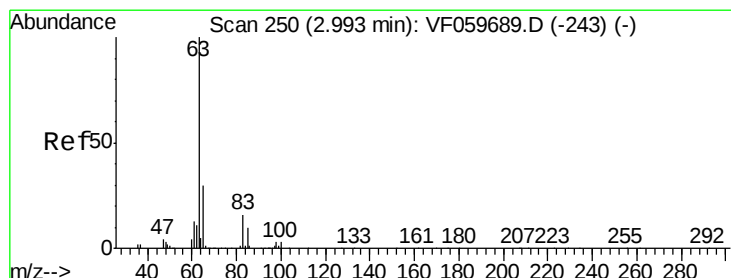
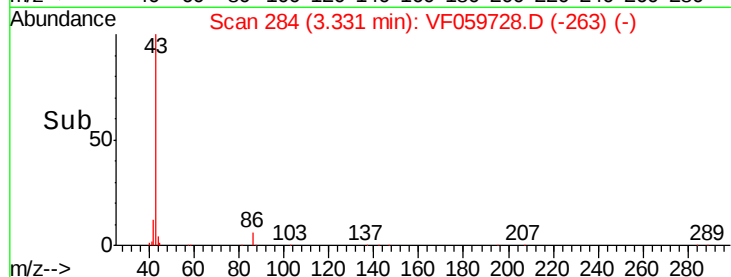
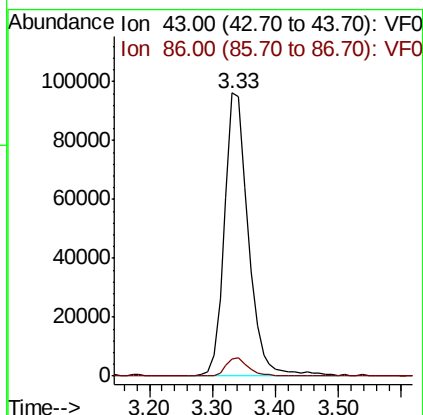
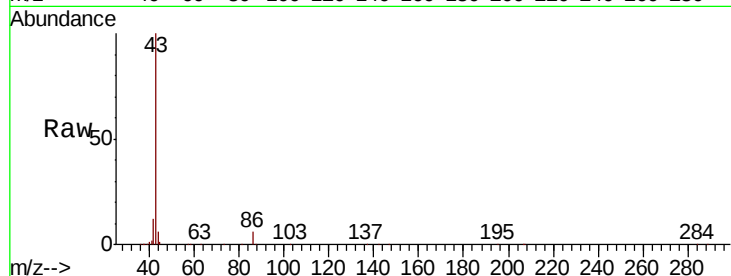
Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion: 43 Resp: 251246

Ion Ratio Lower Upper

43 100

86 5.8 4.6 6.8



#24

1,1-Dichloroethane

Concen: 24.536 ug/l

RT: 3.01 min Scan# 251

Delta R.T. 0.01 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

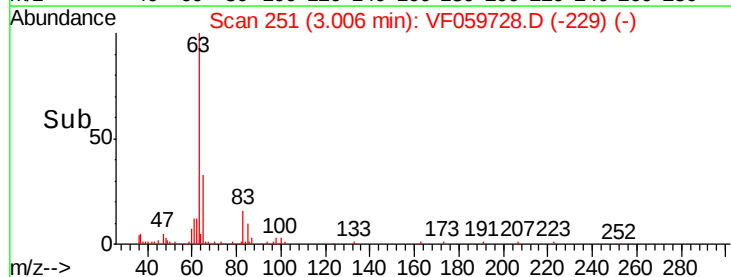
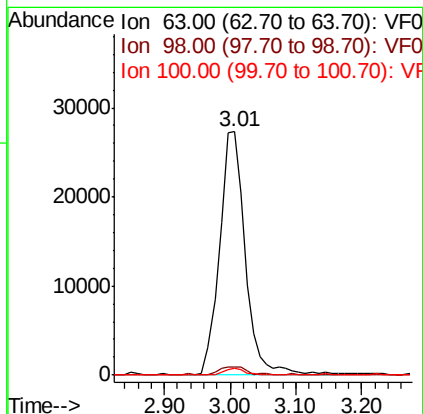
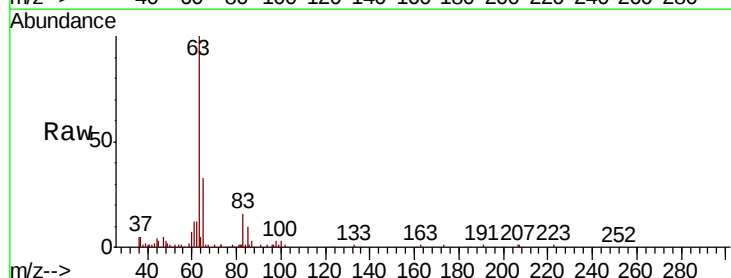
Tgt Ion: 63 Resp: 74924

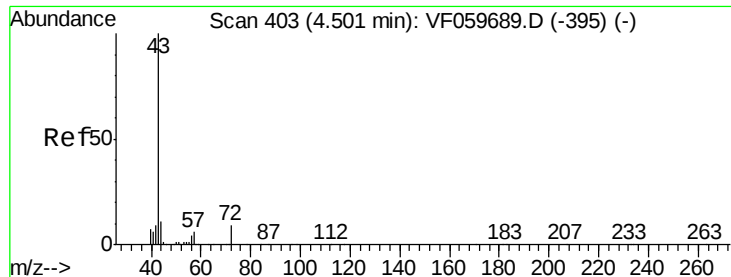
Ion Ratio Lower Upper

63 100

98 3.4 1.4 4.2

100 2.7 1.6 4.7





#25

2-Butanone

Concen: 99.604 ug/l

RT: 4.51 min Scan# 404

Delta R.T. 0.01 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

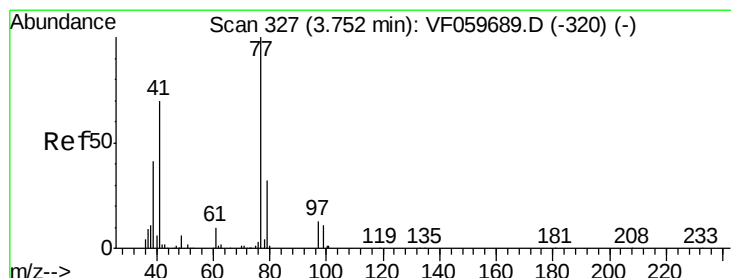
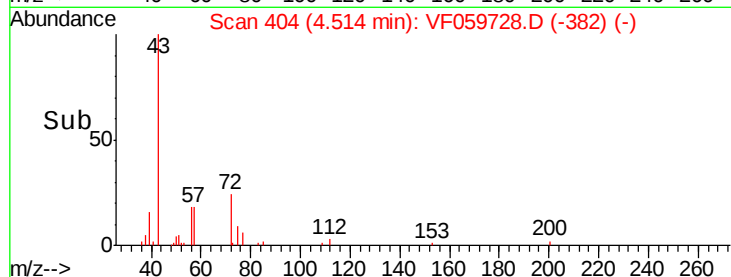
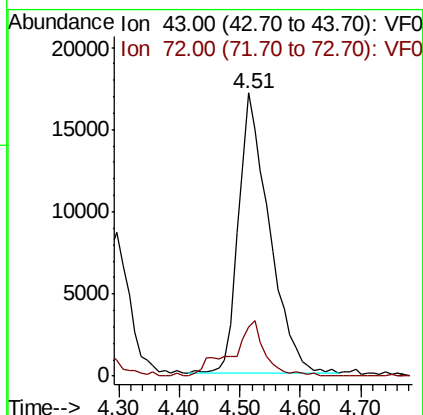
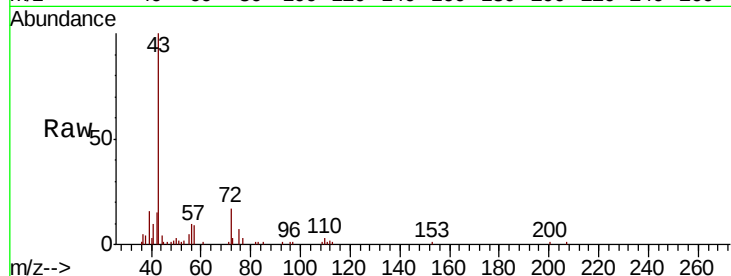
Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion: 43 Resp: 60404

Ion Ratio Lower Upper

43 100

72 17.4 7.7 11.5#



#26

2,2-Dichloropropane

Concen: 22.882 ug/l

RT: 3.78 min Scan# 329

Delta R.T. 0.02 min

Lab File: VF059728.D

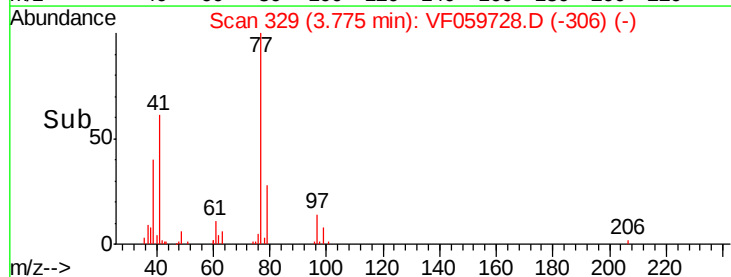
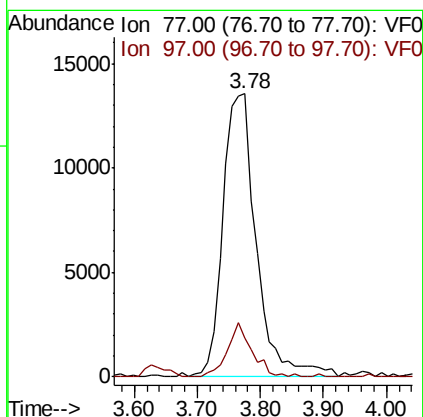
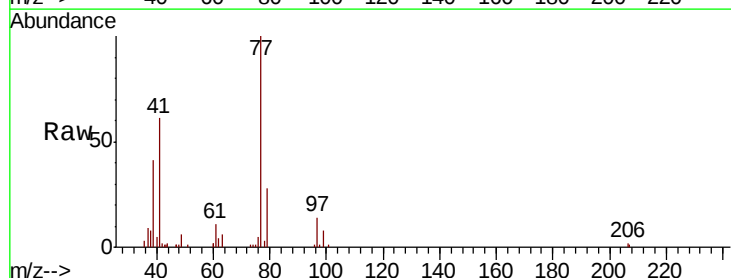
Acq: 1 Aug 2018 1:49

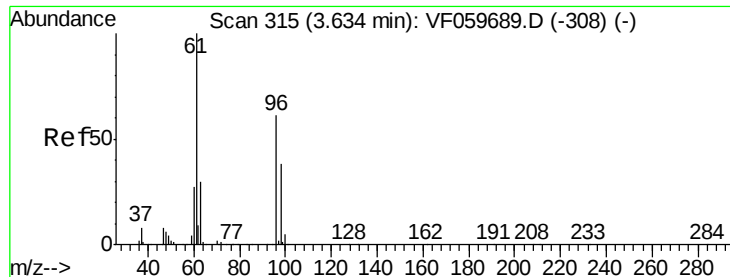
Tgt Ion: 77 Resp: 49811

Ion Ratio Lower Upper

77 100

97 14.7 6.8 20.4



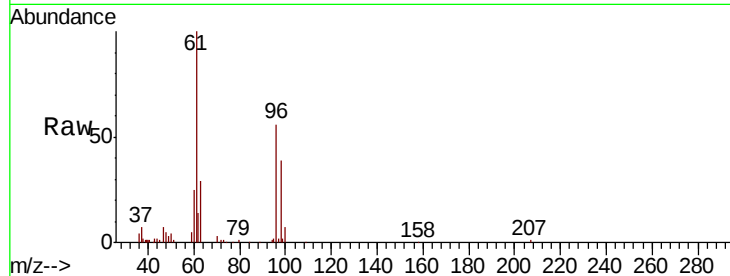


#27

cis-1,2-Dichloroethene  
Concen: 21.723 ug/l  
RT: 3.64 min Scan# 315  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Instrument :  
MSVOA\_F  
ClientSampleId :

| Tot Ion   | 96    | Resp  | 35523 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 180.0 | 0.0   | 326.8 |
| 98        | 71.0  | 0.0   | 125.2 |

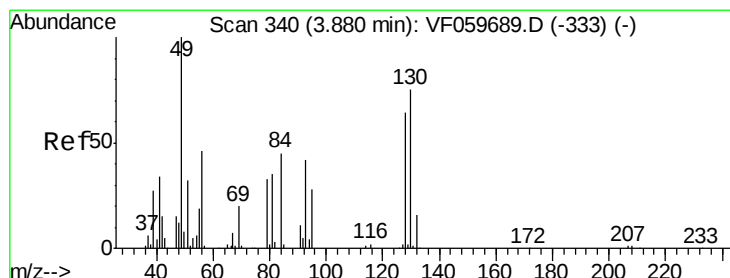
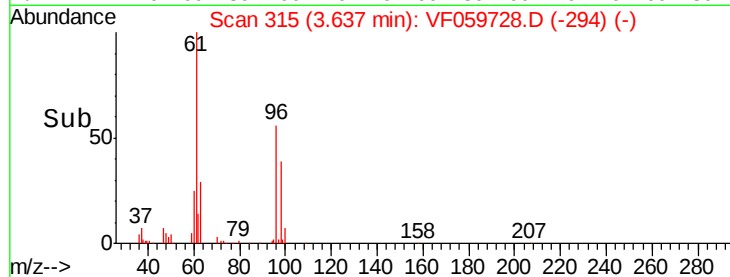
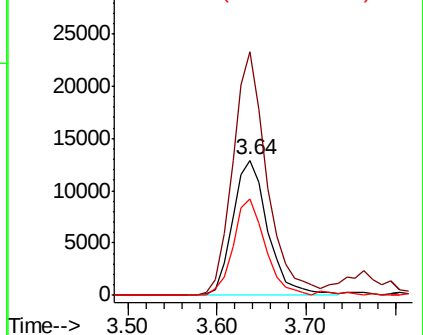


Abundance

Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

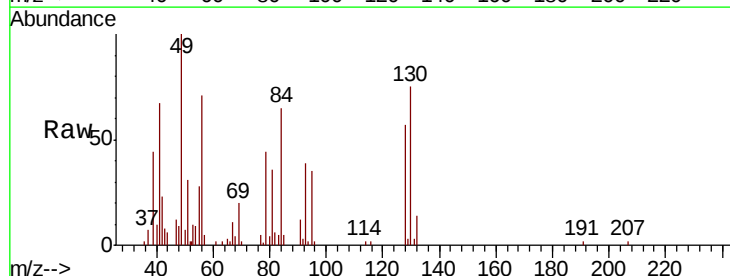
Ion 98.00 (97.70 to 98.70): VF0



#28

Bromochloromethane  
Concen: 22.667 ug/l  
RT: 3.88 min Scan# 340  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

| Tgt Ion   | 49    | Resp  | 26769 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 49        | 100   |       |       |
| 129       | 3.3   | 0.0   | 4.8   |
| 130       | 74.6  | 59.6  | 89.4  |

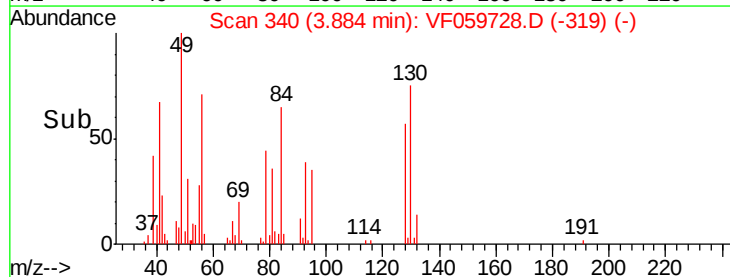
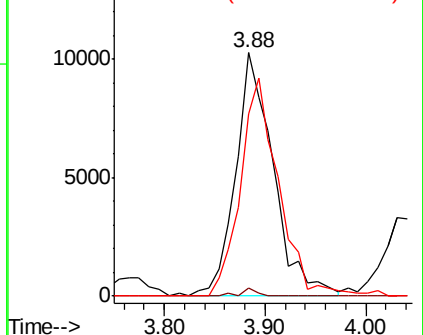


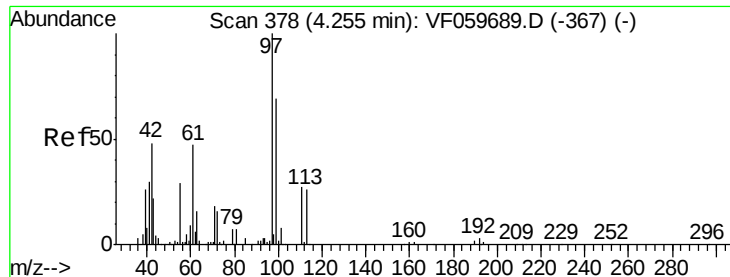
Abundance

Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): V

Ion 130.00 (129.70 to 130.70): V

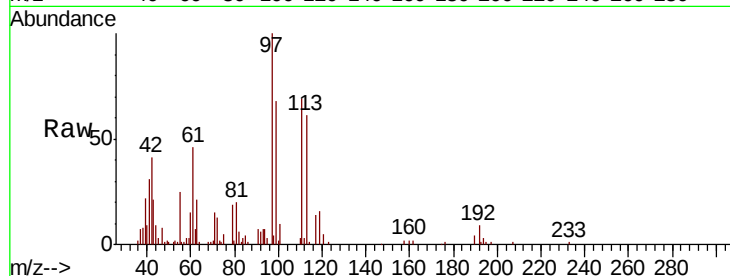




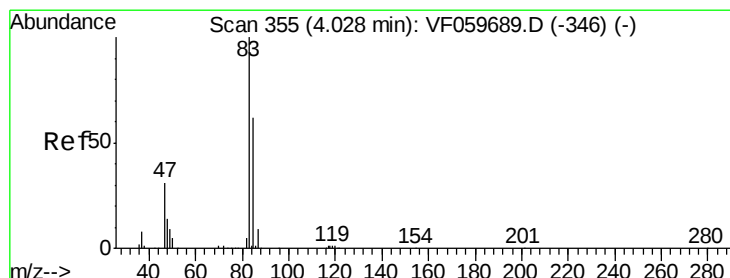
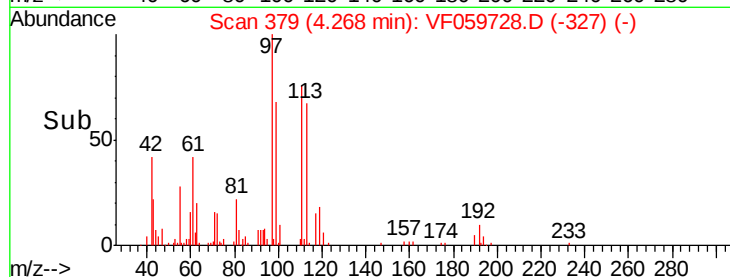
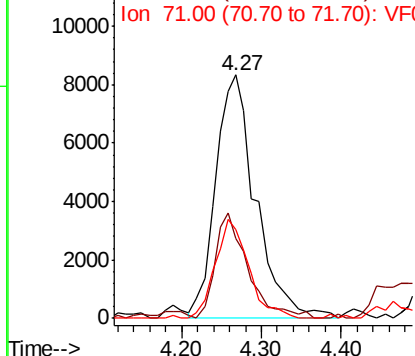
#29  
Tetrahydrofuran  
Concen: 125.741 ug/l  
RT: 4.27 min Scan# 379  
Delta R.T. 0.01 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Instrument :  
MSVOA\_F  
ClientSampled :

Tot Ion: 42 Resp: 29308  
Ion Ratio Lower Upper  
42 100  
72 35.4 27.0 40.6  
71 34.0 29.7 44.5

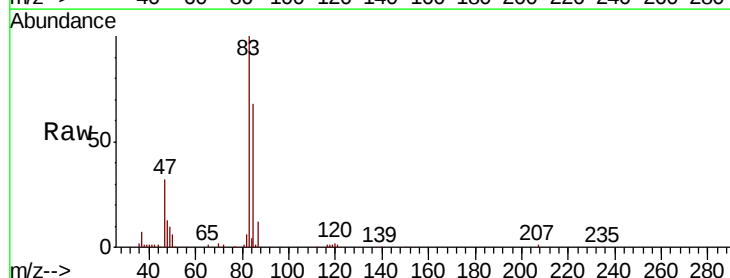


Abundance Ion 42.00 (41.70 to 42.70): VF0  
Ion 72.00 (71.70 to 72.70): VF0  
Ion 71.00 (70.70 to 71.70): VF0

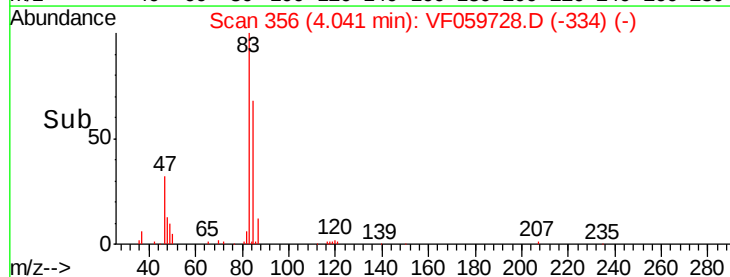
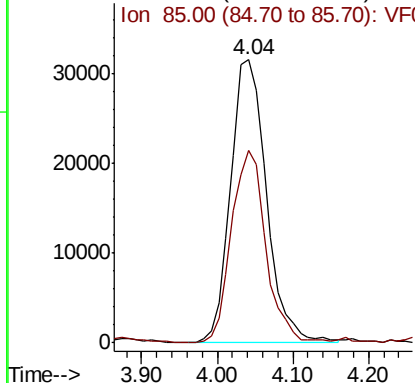


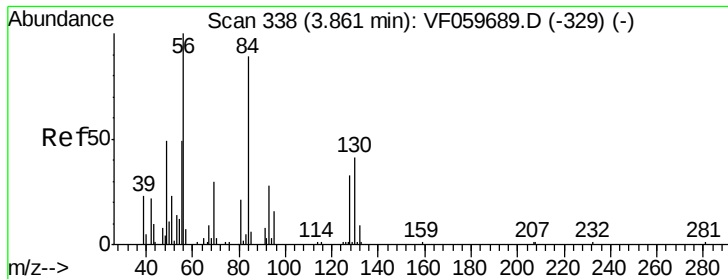
#30  
Chloroform  
Concen: 24.133 ug/l  
RT: 4.04 min Scan# 356  
Delta R.T. 0.01 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Tgt Ion: 83 Resp: 104007  
Ion Ratio Lower Upper  
83 100  
85 67.9 49.4 74.0



Abundance Ion 83.00 (82.70 to 83.70): VF0  
Ion 85.00 (84.70 to 85.70): VF0

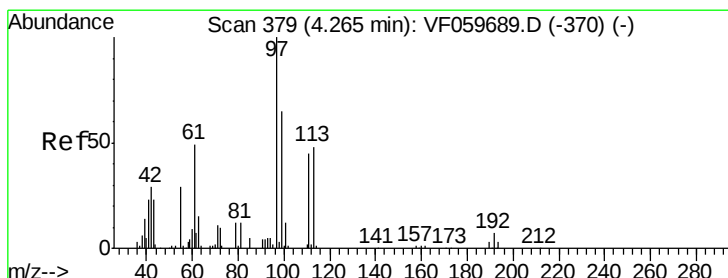
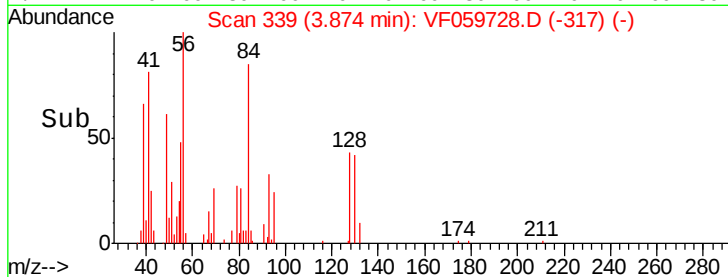
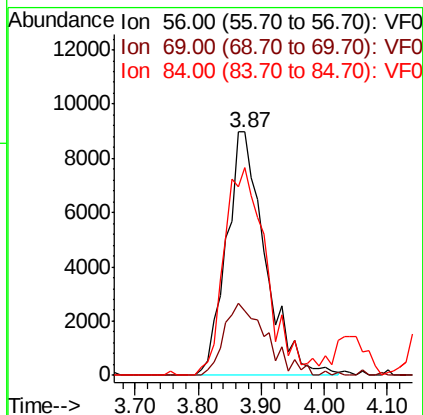
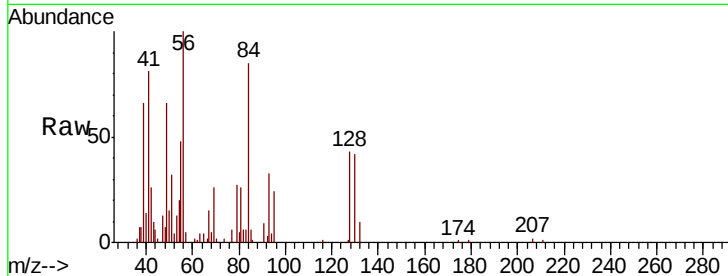




#31  
Cyclohexane  
Concen: 23.670 ug/l  
RT: 3.87 min Scan# 339  
Delta R.T. 0.01 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

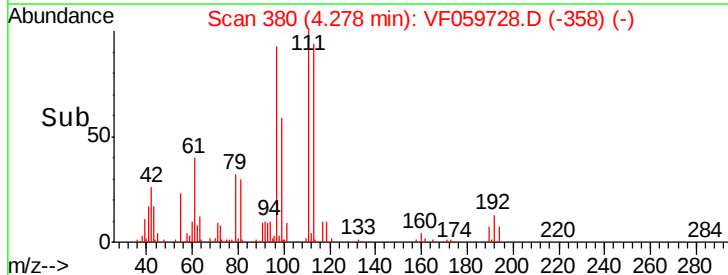
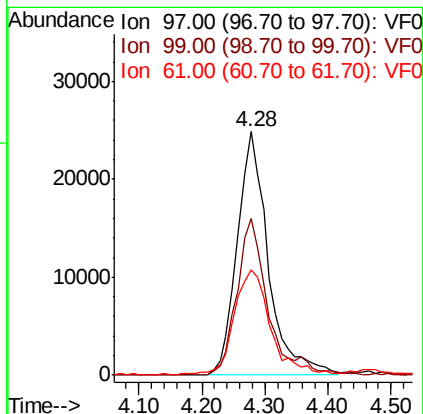
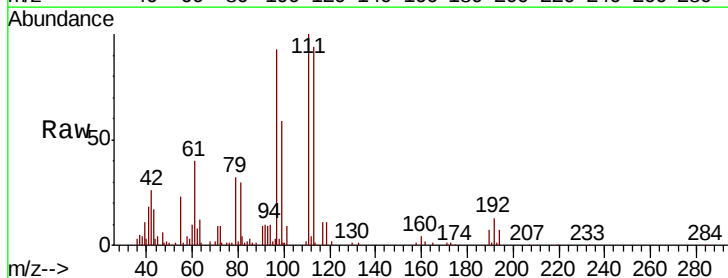
Instrument :  
MSVOA\_F  
ClientSampleId :

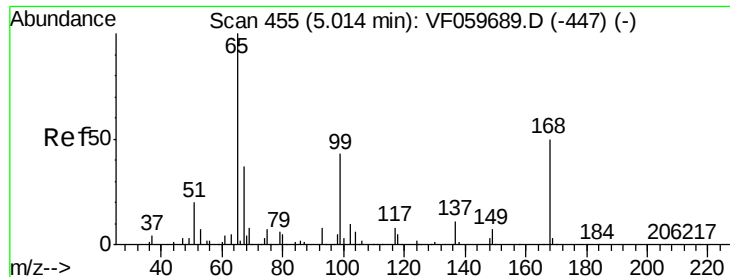
Tot Ion: 56 Resp: 38245  
Ion Ratio Lower Upper  
56 100  
69 26.3 23.7 35.5  
84 85.5 71.1 106.7



#32  
1,1,1-Trichloroethane  
Concen: 25.400 ug/l  
RT: 4.28 min Scan# 380  
Delta R.T. 0.01 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Tgt Ion: 97 Resp: 84913  
Ion Ratio Lower Upper  
97 100  
99 64.1 52.4 78.6  
61 43.4 39.7 59.5





#33

1,2-Dichloroethane-d4

Concen: 53.779 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

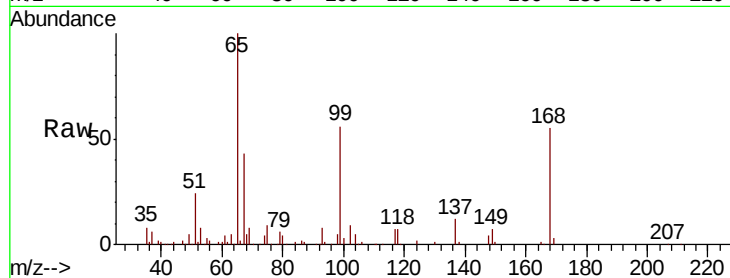
ClientSampleId :

Tot Ion: 65 Resp: 162471

Ion Ratio Lower Upper

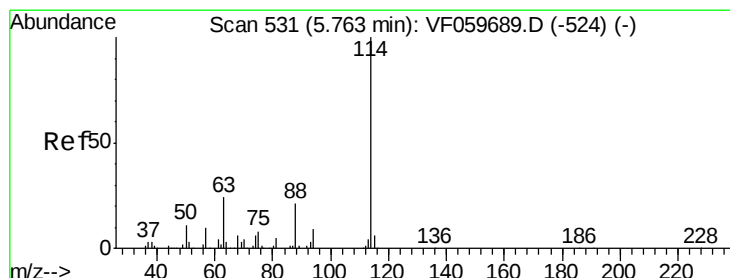
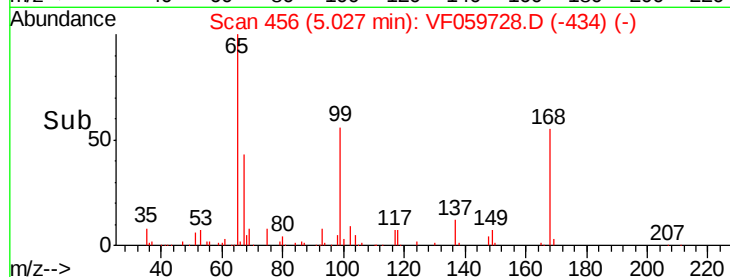
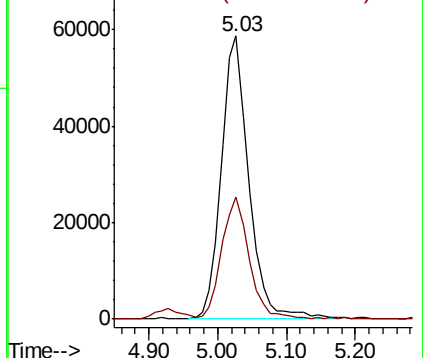
65 100

67 43.0 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

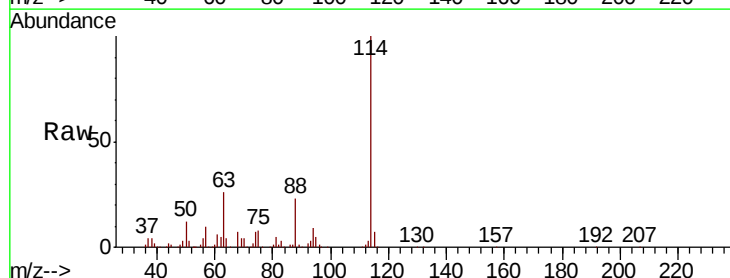
Tgt Ion: 114 Resp: 239132

Ion Ratio Lower Upper

114 100

63 25.6 0.0 47.4

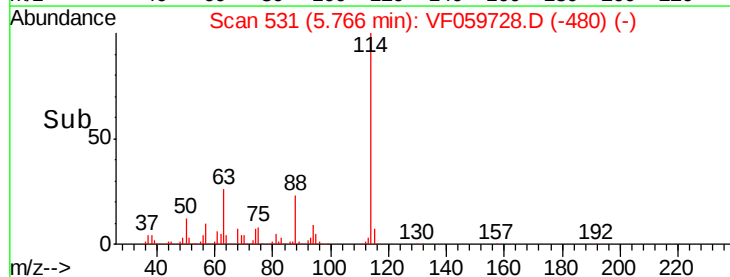
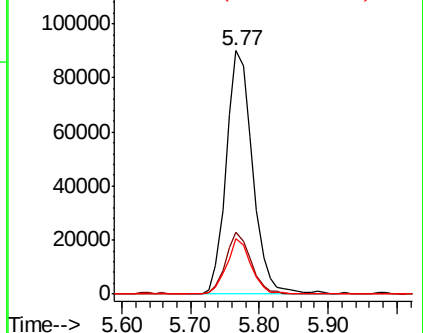
88 22.9 0.0 41.2

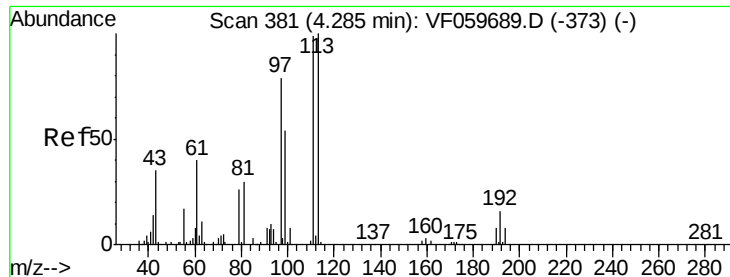


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

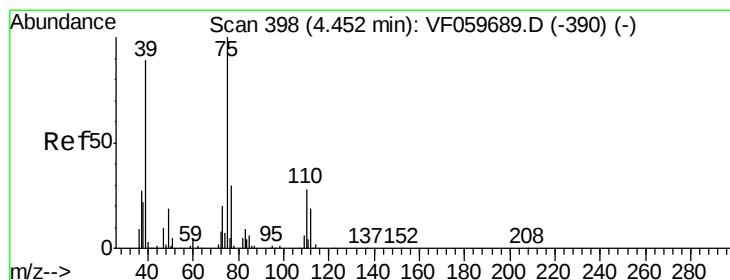
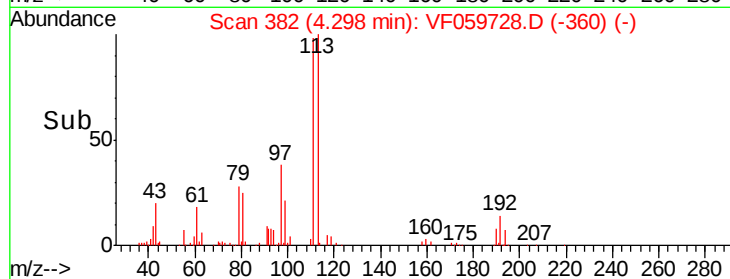
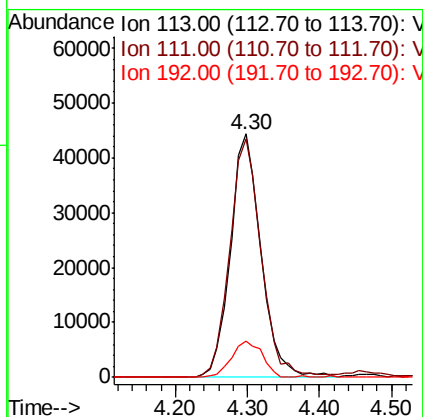
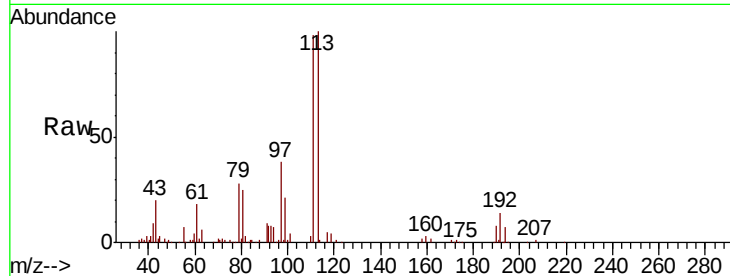




#35  
 Dibromofluoromethane  
 Concen: 52.795 ug/l  
 RT: 4.30 min Scan# 382  
 Delta R.T. 0.01 min  
 Lab File: VF059728.D  
 Acq: 1 Aug 2018 1:49

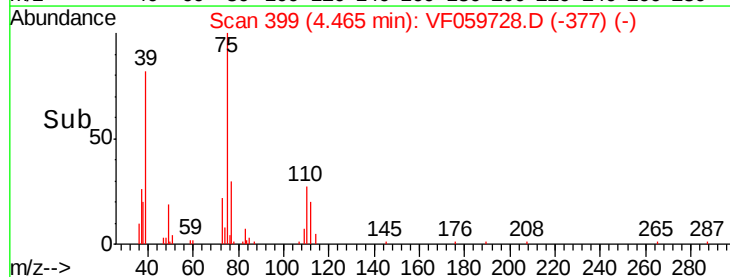
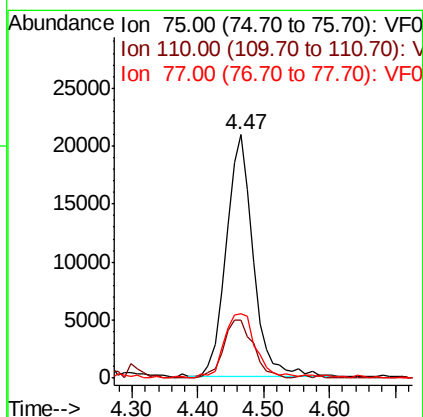
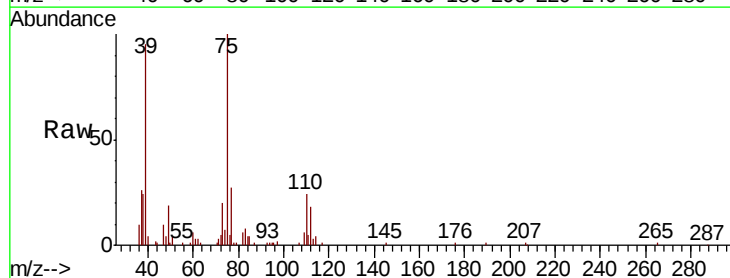
Instrument :  
 MSVOA\_F  
 ClientSampleId :

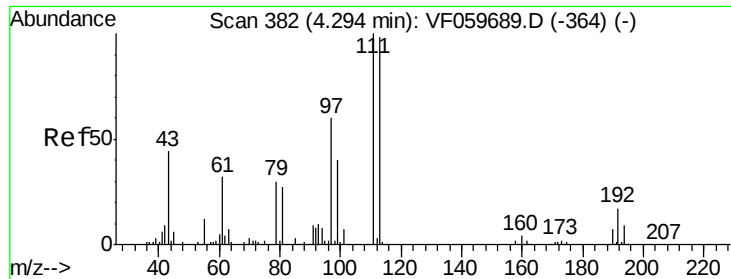
Tot Ion:113 Resp: 131129  
 Ion Ratio Lower Upper  
 113 100  
 111 97.9 79.0 118.4  
 192 14.7 13.2 19.8



#36  
 1,1-Dichloropropene  
 Concen: 22.656 ug/l  
 RT: 4.47 min Scan# 399  
 Delta R.T. 0.01 min  
 Lab File: VF059728.D  
 Acq: 1 Aug 2018 1:49

Tgt Ion: 75 Resp: 60080  
 Ion Ratio Lower Upper  
 75 100  
 110 23.6 14.0 41.9  
 77 26.5 24.2 36.2

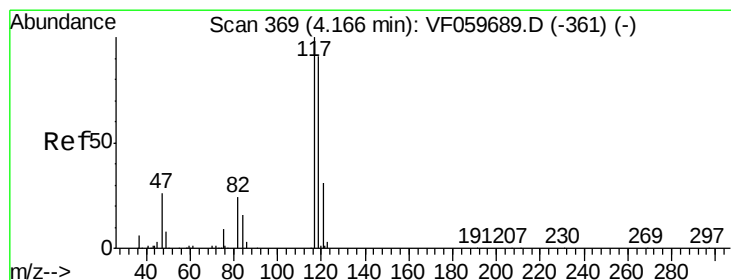
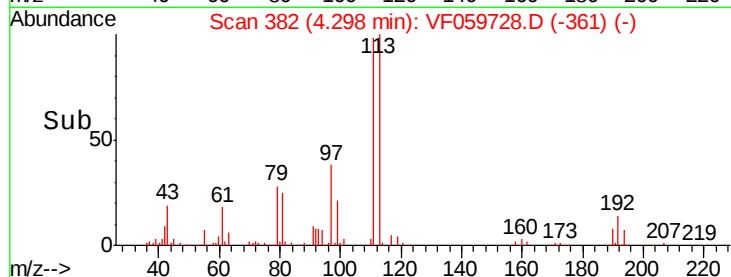
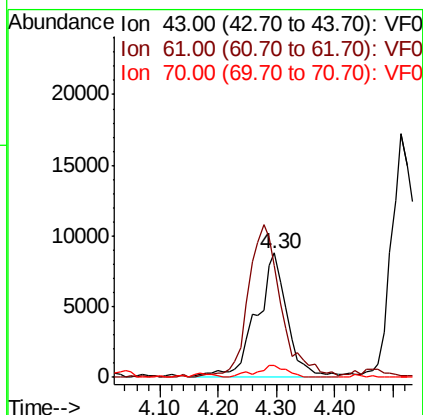
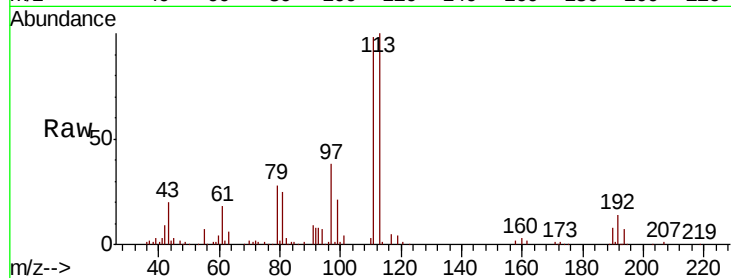




#37  
Ethyl Acetate  
Concen: 25.000 ug/l  
RT: 4.30 min Scan# 382  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

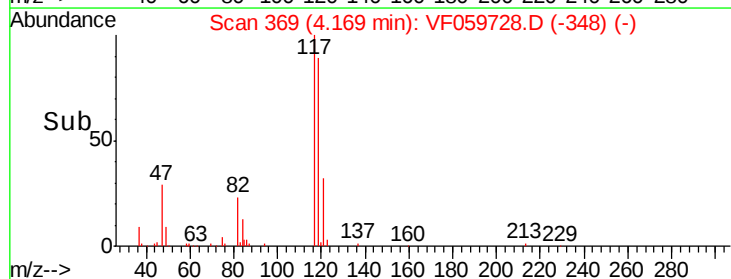
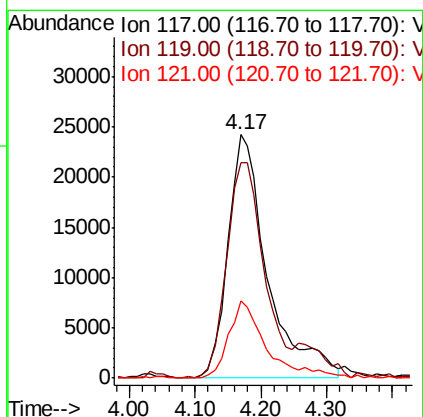
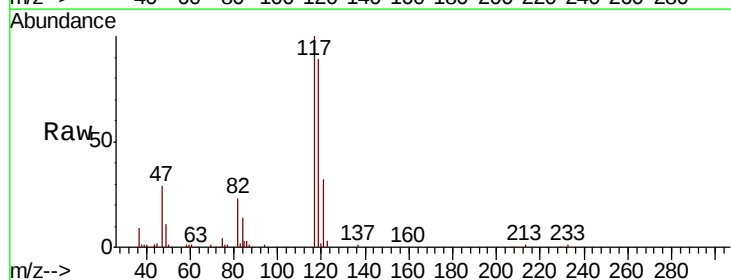
Instrument :  
MSVOA\_F  
ClientSampleId :

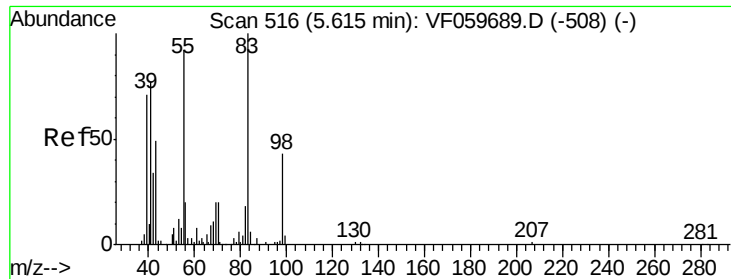
Tot Ion: 43 Resp: 32600  
Ion Ratio Lower Upper  
43 100  
61 90.0 58.2 87.2#  
70 9.9 6.0 9.0#



#38  
Carbon Tetrachloride  
Concen: 26.856 ug/l  
RT: 4.17 min Scan# 369  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Tgt Ion: 117 Resp: 102106  
Ion Ratio Lower Upper  
117 100  
119 88.6 72.9 109.3  
121 31.7 25.0 37.4

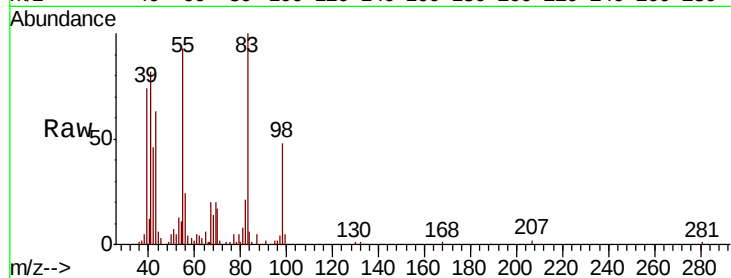




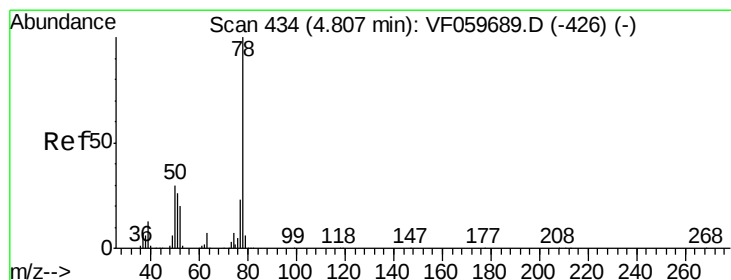
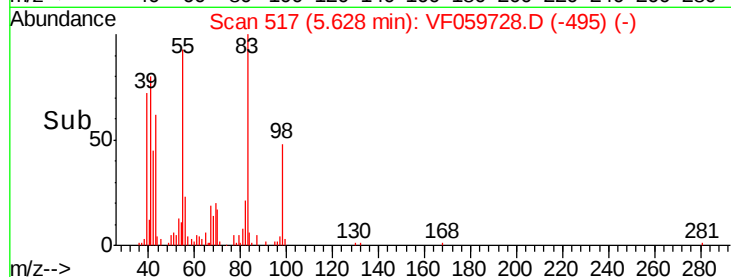
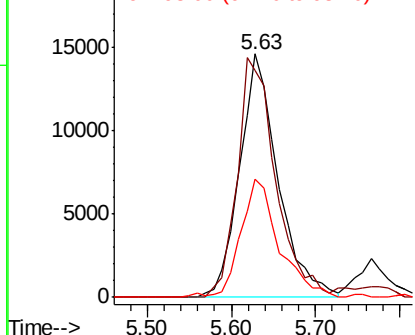
#39  
Methvlcvclohexane  
Concen: 22.821 ug/l  
RT: 5.63 min Scan# 517  
Delta R.T. 0.01 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion: 83 Resp: 46478  
Ion Ratio Lower Upper  
83 100  
55 93.3 73.4 110.2  
98 48.3 34.2 51.4

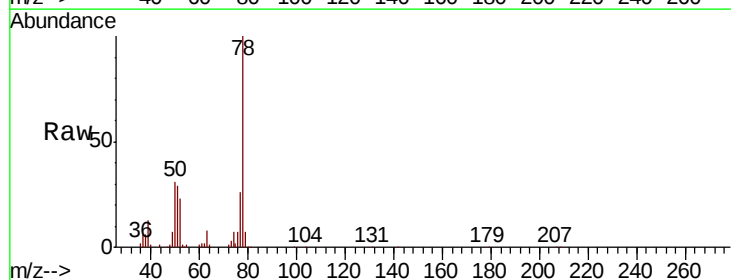


Abundance Ion 83.00 (82.70 to 83.70): VF0  
Ion 55.00 (54.70 to 55.70): VF0  
Ion 98.00 (97.70 to 98.70): VF0

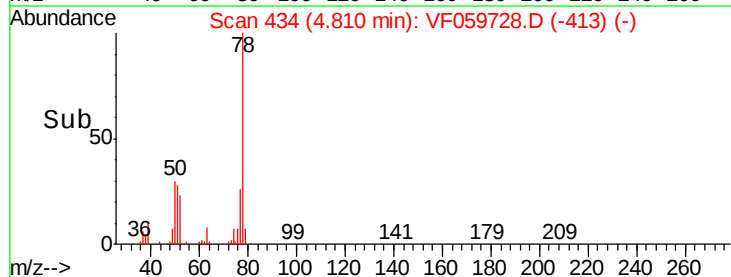
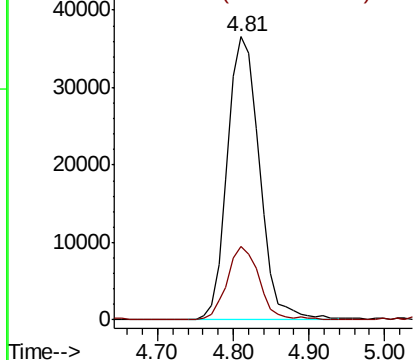


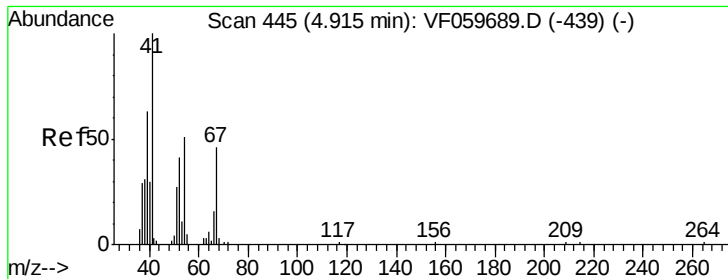
#40  
Benzene  
Concen: 22.311 ug/l  
RT: 4.81 min Scan# 434  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Tgt Ion: 78 Resp: 107745  
Ion Ratio Lower Upper  
78 100  
77 26.0 18.9 28.3



Abundance Ion 78.10 (77.80 to 78.80): VF0  
Ion 77.00 (76.70 to 77.70): VF0

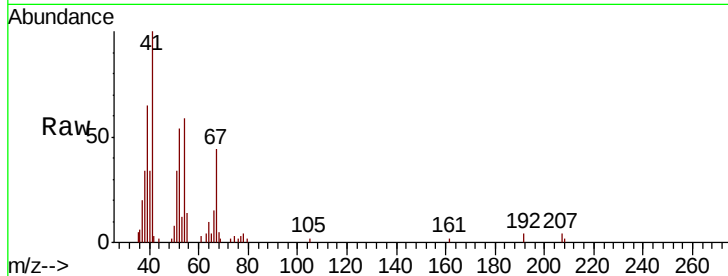




#41  
Methacrylonitrile  
Concen: 24.777 ug/l  
RT: 4.93 min Scan# 446  
Delta R.T. 0.01 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Instrument :  
MSVOA\_F  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 15768 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 65.1  | 55.2  | 82.8  |
| 67       | 43.5  | 36.2  | 54.2  |
| 52       | 54.3  | 37.7  | 56.5  |



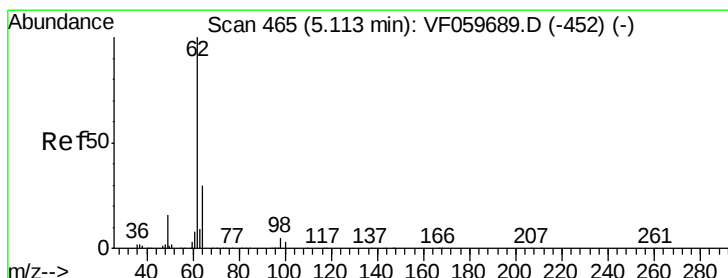
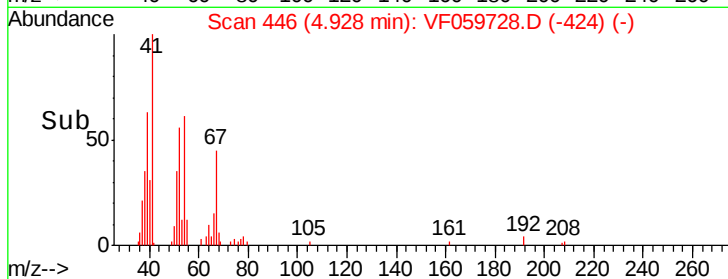
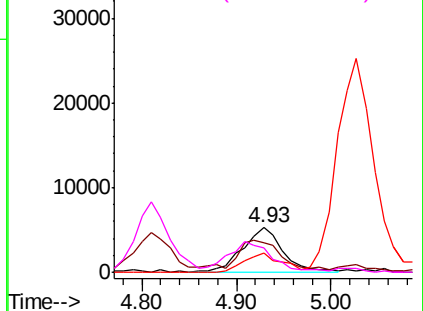
Abundance

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

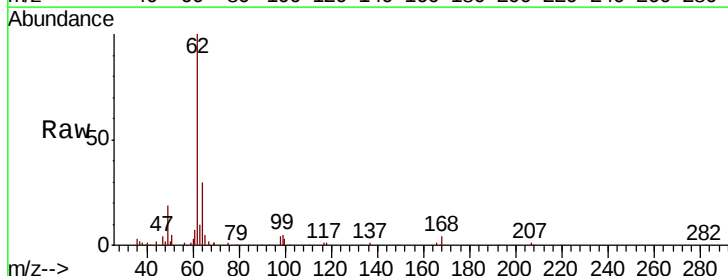
Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#42  
1,2-Dichloroethane  
Concen: 25.627 ug/l  
RT: 5.12 min Scan# 465  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

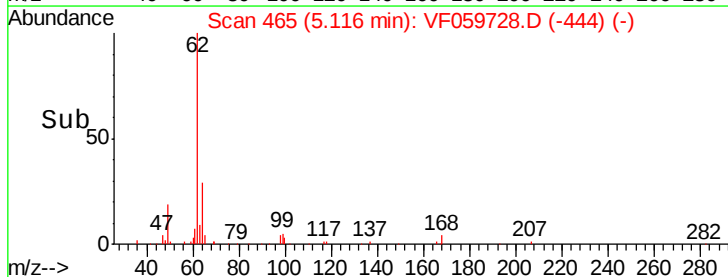
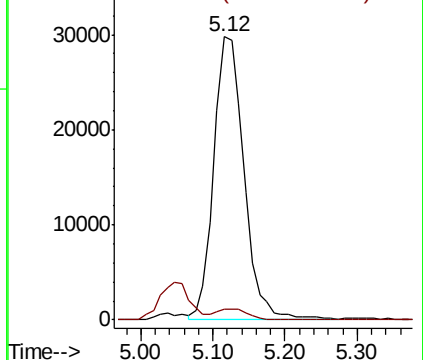
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 86612 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 3.9   | 0.0   | 9.6   |

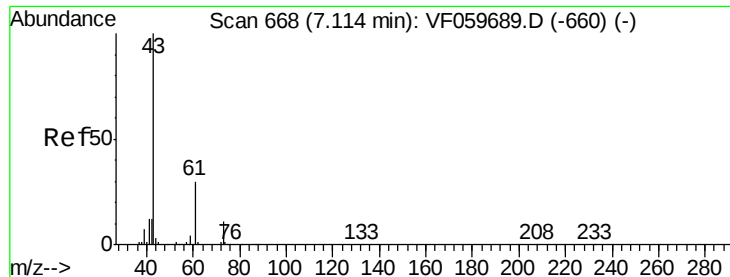


Abundance

Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 22.322 ug/l

RT: 7.12 min Scan# 668

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

ClientSampleId :

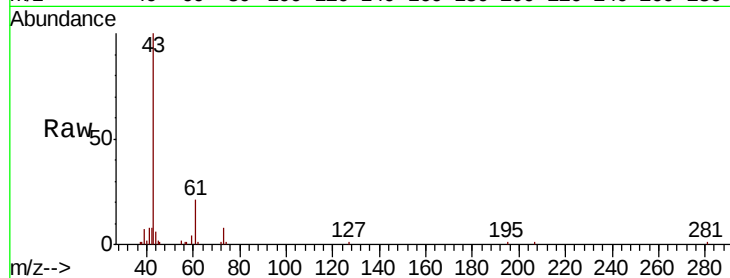
Tot Ion: 43 Resp: 31918

Ion Ratio Lower Upper

43 100

61 21.1 23.8 35.8#

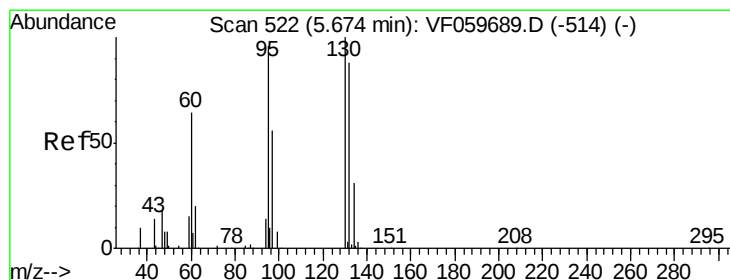
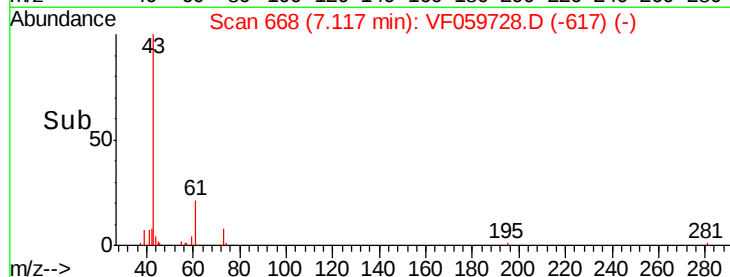
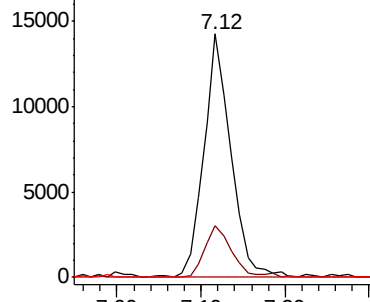
87 0.0 0.6 1.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



#44

Trichloroethene

Concen: 22.968 ug/l

RT: 5.68 min Scan# 522

Delta R.T. 0.00 min

Lab File: VF059728.D

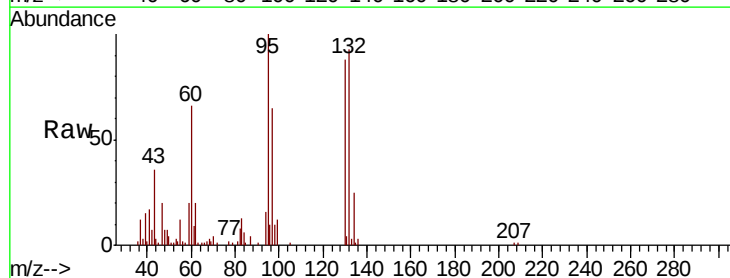
Acq: 1 Aug 2018 1:49

Tgt Ion:130 Resp: 41809

Ion Ratio Lower Upper

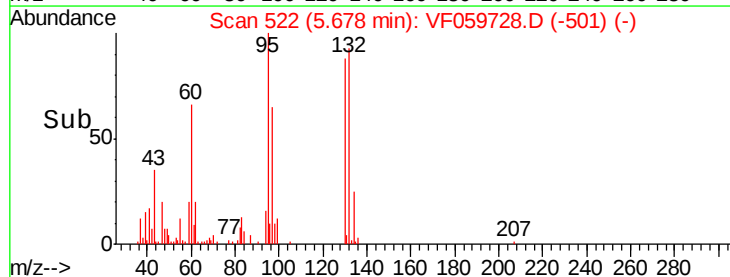
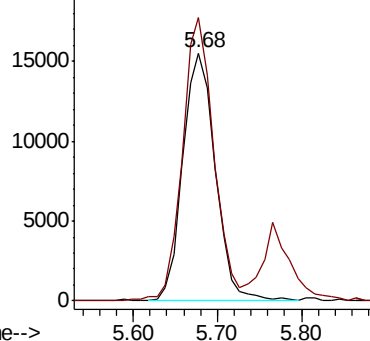
130 100

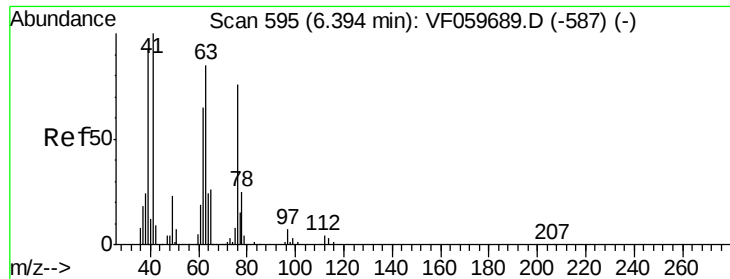
95 114.3 0.0 191.0



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 22.184 ug/l

RT: 6.41 min Scan# 596

Delta R.T. 0.01 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

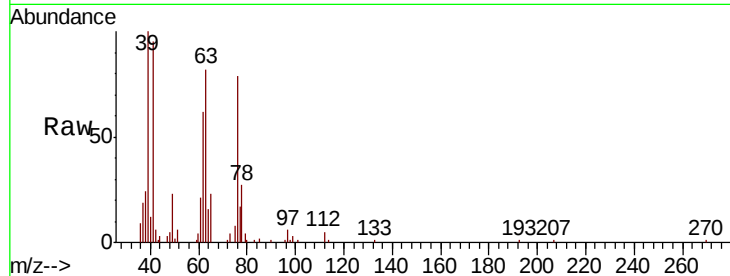
ClientSampleId :

Tot Ion: 63 Resp: 28292

Ion Ratio Lower Upper

63 100

65 28.5 25.2 37.8



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

12000

10000

8000

6000

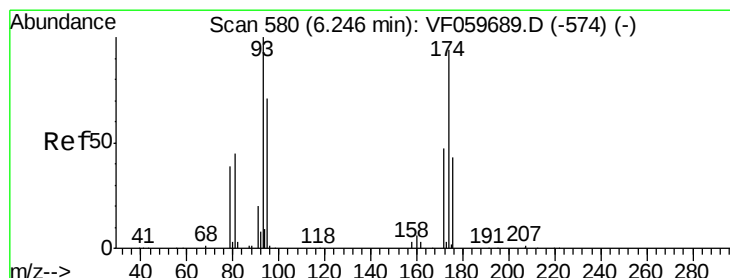
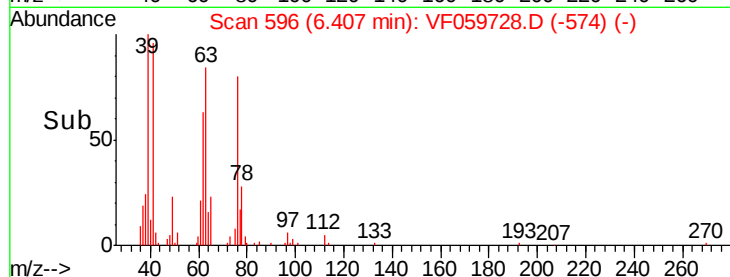
4000

2000

0

6.30 6.40 6.50

Time-->



#46

Dibromomethane

Concen: 22.383 ug/l

RT: 6.25 min Scan# 580

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

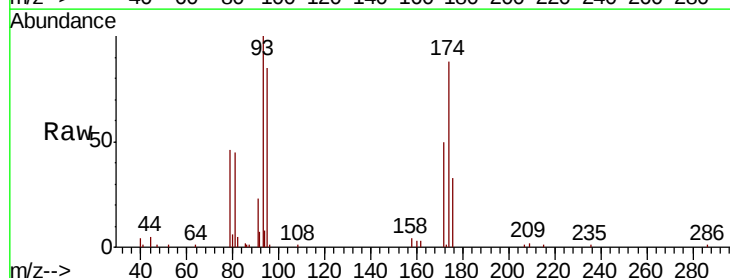
Tgt Ion: 93 Resp: 27102

Ion Ratio Lower Upper

93 100

95 84.5 57.1 85.7

174 87.9 74.8 112.2



Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

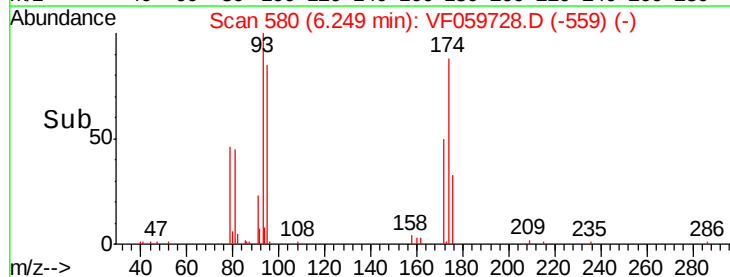
10000

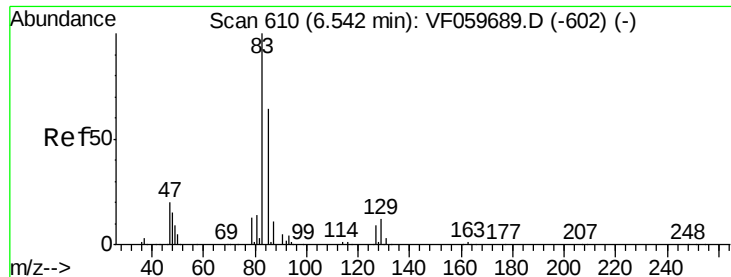
5000

0

6.20 6.30

Time-->





#47

Bromodichloromethane

Concen: 23.847 ug/l

RT: 6.55 min Scan# 611

Delta R.T. 0.01 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :  
MSVOA\_F  
ClientSampleId :

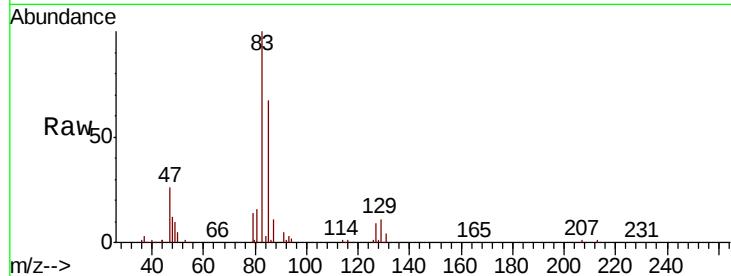
Tot Ion: 83 Resp: 78629

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 67.3  | 51.0  | 76.6  |
| 127 | 8.8   | 7.3   | 10.9  |

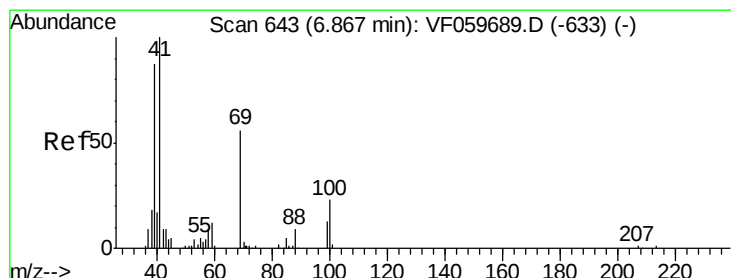
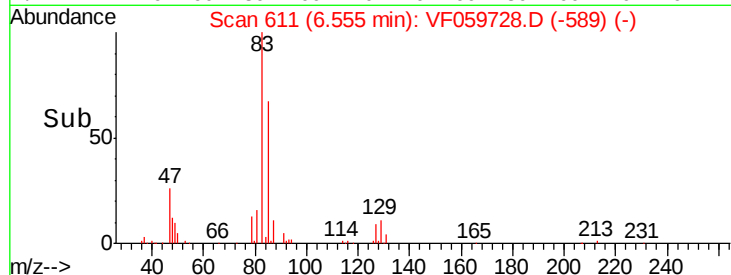
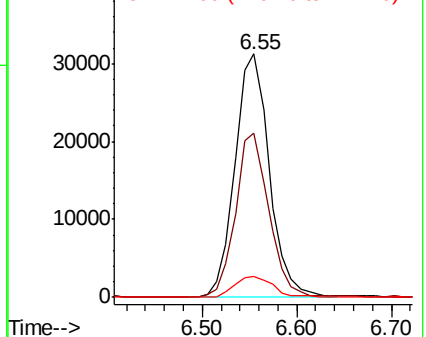
83 100

85 67.3 51.0 76.6

127 8.8 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VF0  
Ion 85.00 (84.70 to 85.70): VF0  
Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 22.178 ug/l

RT: 6.88 min Scan# 644

Delta R.T. 0.01 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

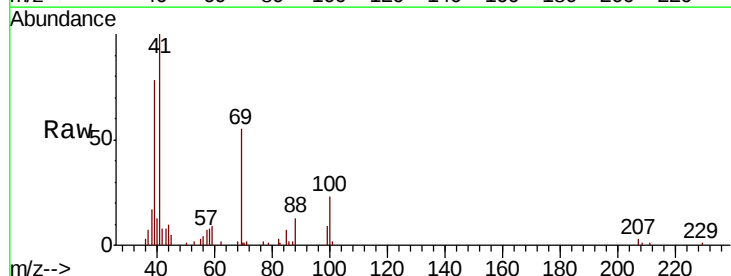
Tgt Ion: 41 Resp: 23853

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 54.5  | 44.4  | 66.6  |
| 39  | 78.1  | 69.4  | 104.2 |

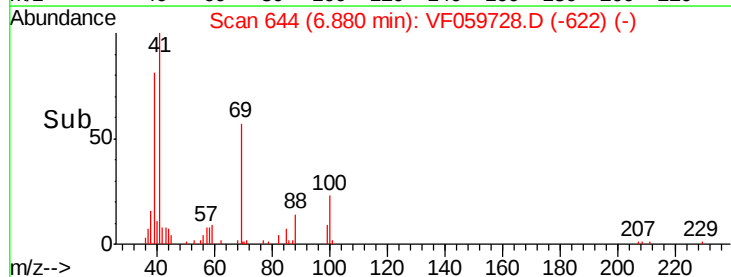
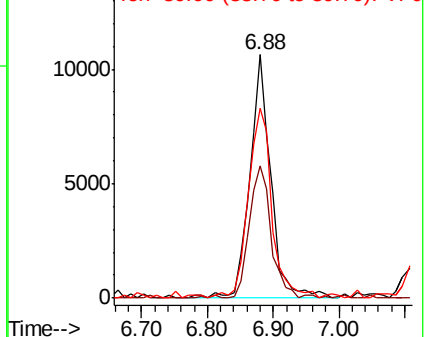
41 100

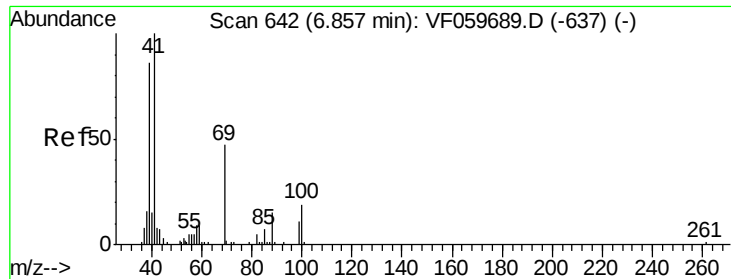
69 54.5 44.4 66.6

39 78.1 69.4 104.2



Abundance Ion 41.00 (40.70 to 41.70): VF0  
Ion 69.00 (68.70 to 69.70): VF0  
Ion 39.00 (38.70 to 39.70): VF0

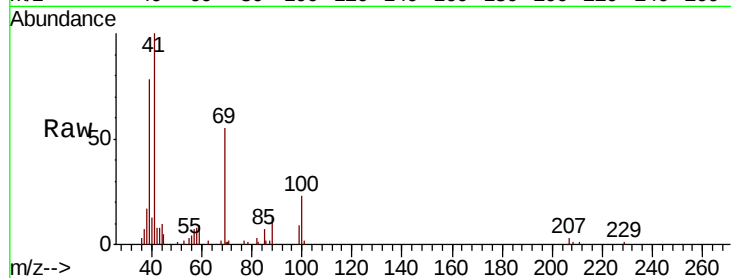




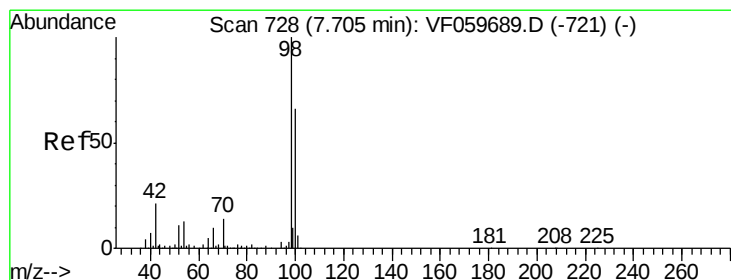
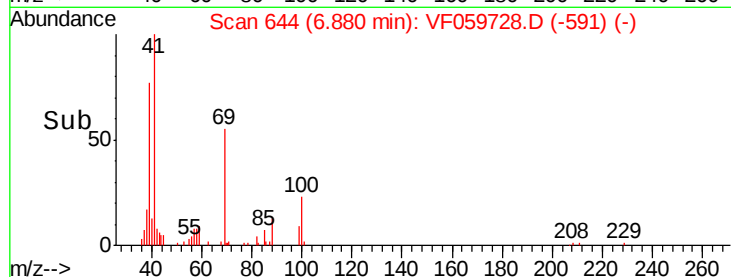
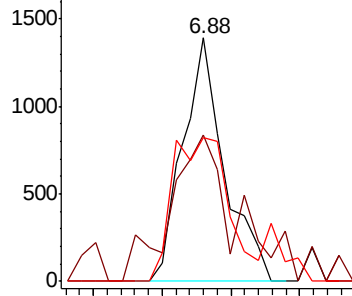
#49  
1,4-Dioxane  
Concen: 396.674 ug/l  
RT: 6.88 min Scan# 644  
Delta R.T. 0.02 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion: 88 Resp: 2923  
Ion Ratio Lower Upper  
88 100  
43 60.3 45.2 67.8  
58 59.2 49.0 73.6

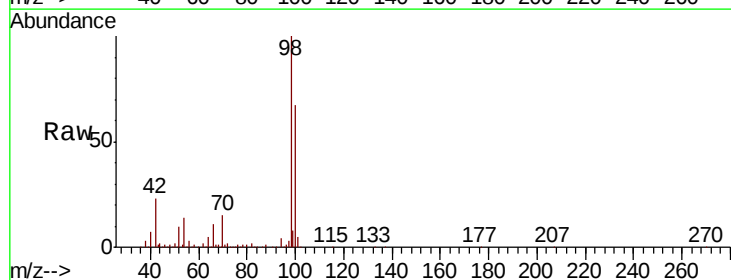


Abundance Ion 88.00 (87.70 to 88.70): VF0  
Ion 43.00 (42.70 to 43.70): VF0  
Ion 58.00 (57.70 to 58.70): VF0

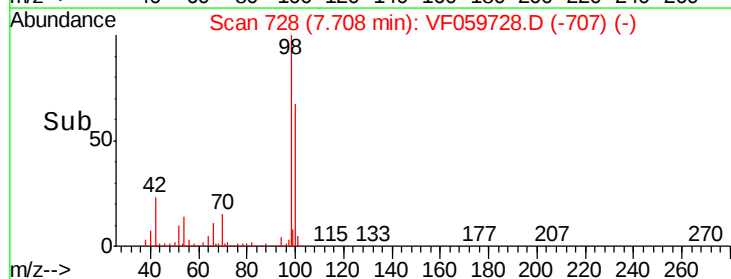
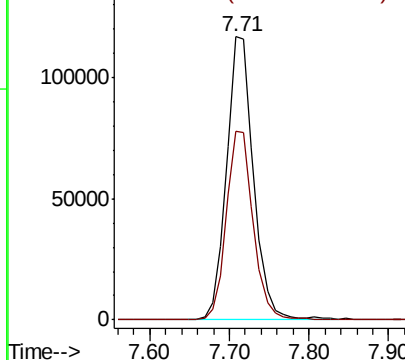


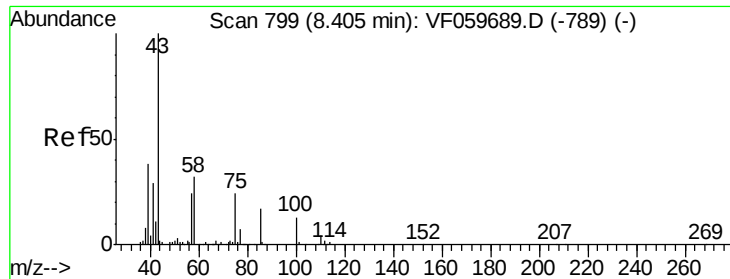
#50  
Toluene-d8  
Concen: 48.075 ug/l  
RT: 7.71 min Scan# 728  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Tgt Ion: 98 Resp: 278452  
Ion Ratio Lower Upper  
98 100  
100 66.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0  
Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 117.617 ug/l

RT: 8.41 min Scan# 799

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

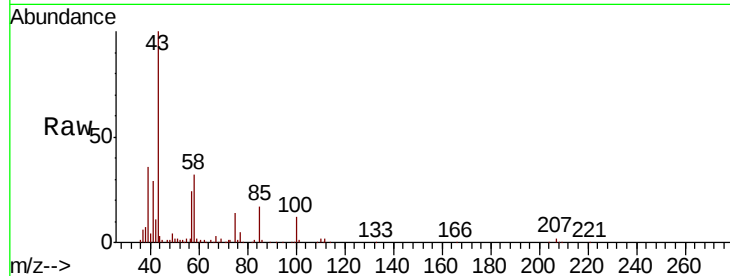
ClientSampleId :

Tot Ion: 43 Resp: 127935

Ion Ratio Lower Upper

43 100

58 31.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

60000

50000

40000

30000

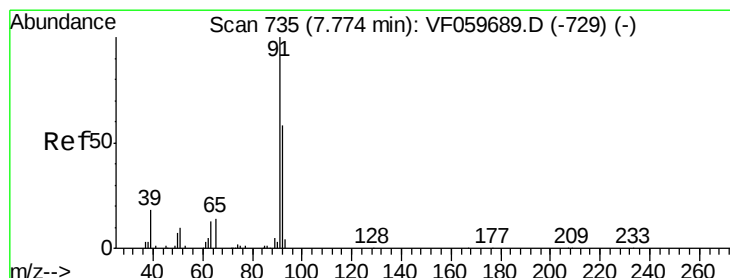
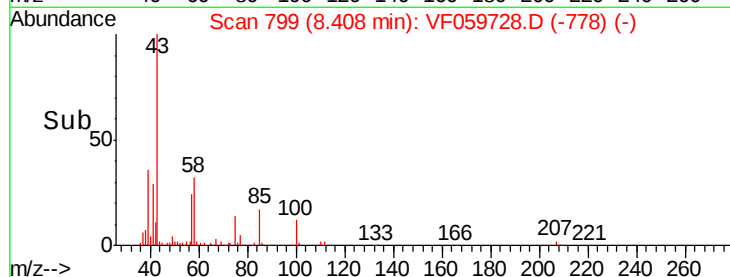
20000

10000

0

8.30 8.40 8.50 8.60

Time-->



#52

Toluene

Concen: 21.638 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.01 min

Lab File: VF059728.D

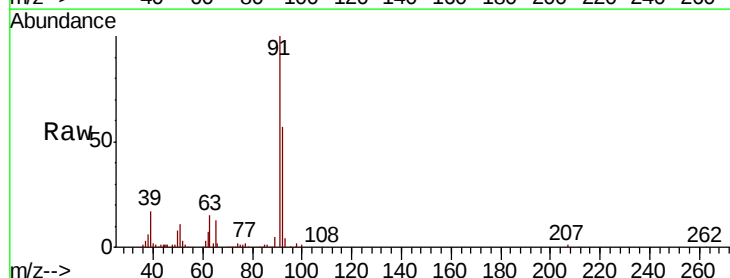
Acq: 1 Aug 2018 1:49

Tgt Ion: 92 Resp: 74377

Ion Ratio Lower Upper

92 100

91 175.3 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

60000

50000

40000

30000

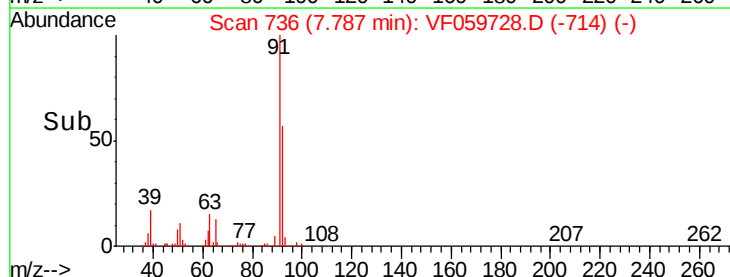
20000

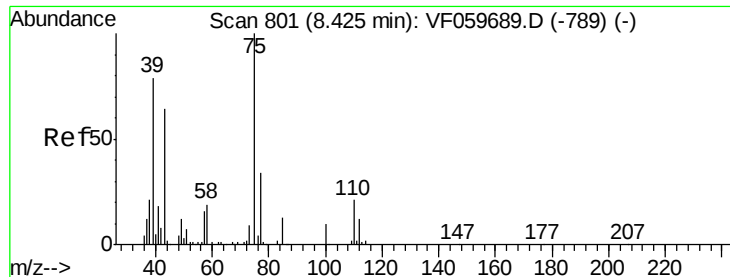
10000

0

7.70 7.80 7.90

Time-->

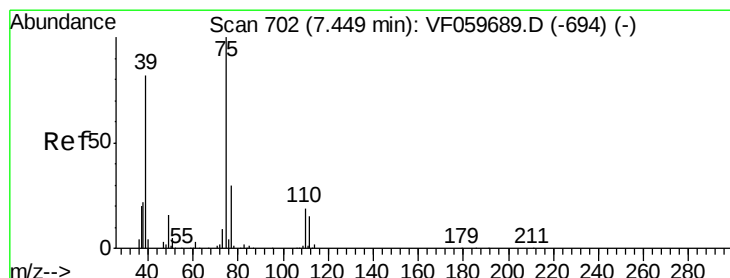
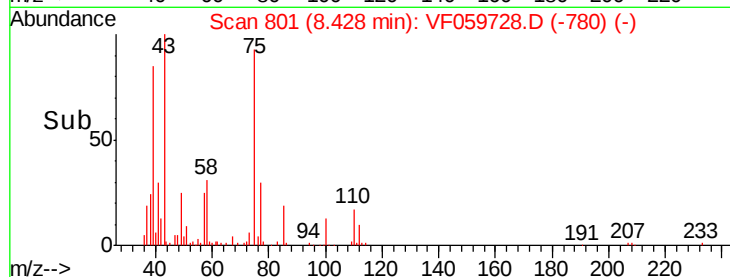
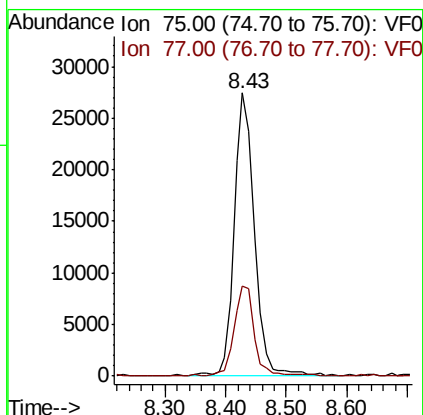
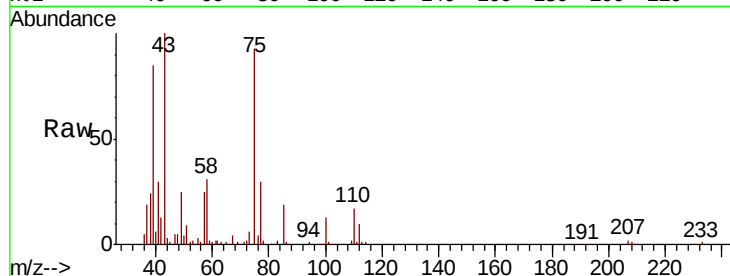




#53  
 t-1,3-Dichloropropene  
 Concen: 22.314 ug/l  
 RT: 8.43 min Scan# 801  
 Delta R.T. 0.00 min  
 Lab File: VF059728.D  
 Acq: 1 Aug 2018 1:49

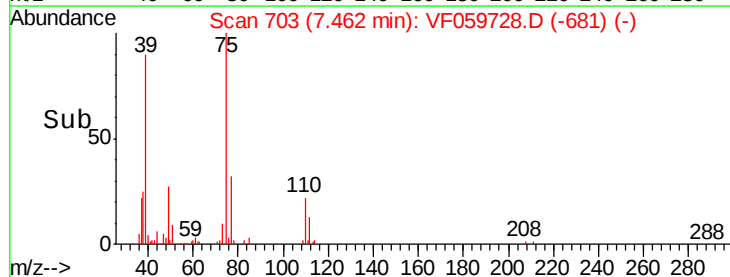
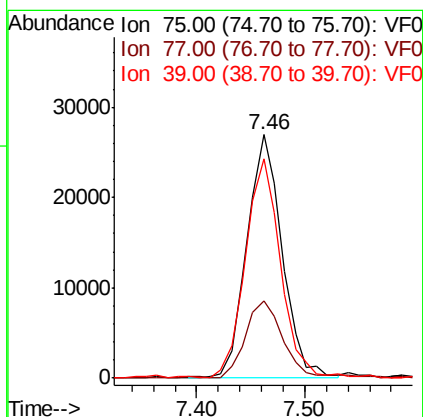
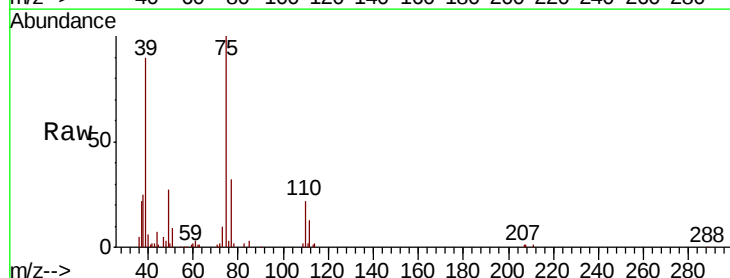
Instrument :  
 MSVOA\_F  
 ClientSampled :

Tot Ion: 75 Resp: 63840  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 27.0 40.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 22.009 ug/l  
 RT: 7.46 min Scan# 703  
 Delta R.T. 0.01 min  
 Lab File: VF059728.D  
 Acq: 1 Aug 2018 1:49

Tgt Ion: 75 Resp: 60992  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 24.0 36.0  
 39 90.0 65.4 98.2





#55

1,1,2-Trichloroethane

Concen: 24.858 ug/l

RT: 8.64 min Scan# 823

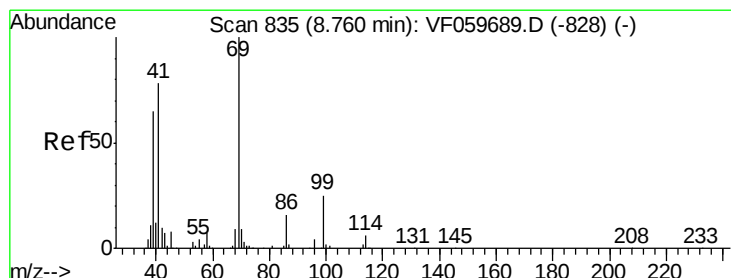
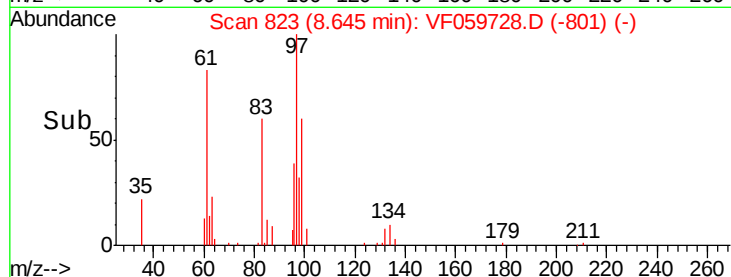
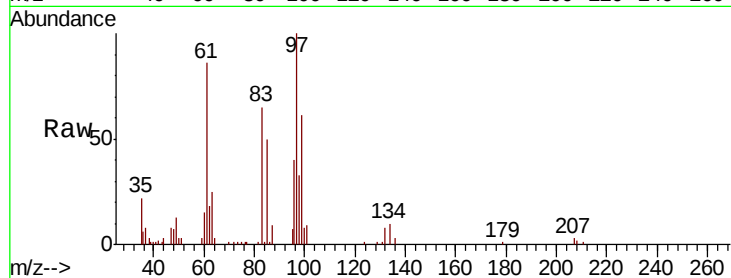
Delta R.T. 0.01 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :  
MSVOA\_F  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 32512  |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 64.9  | 66.6  | 100.0# |
| 85       | 50.2  | 47.4  | 71.0   |
| 99       | 60.7  | 53.2  | 79.8   |



#56

Ethyl methacrylate

Concen: 22.032 ug/l

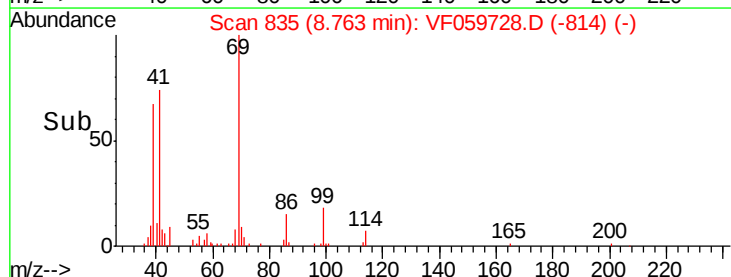
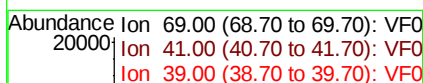
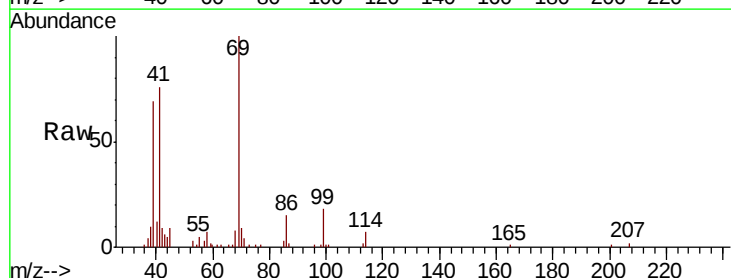
RT: 8.76 min Scan# 835

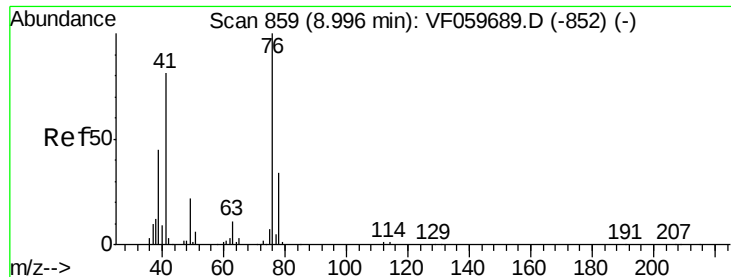
Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 30051 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 75.5  | 62.3  | 93.5  |
| 39       | 68.6  | 52.4  | 78.6  |





#57

1,3-Dichloropropane

Concen: 23.126 ug/l

RT: 9.00 min Scan# 859

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

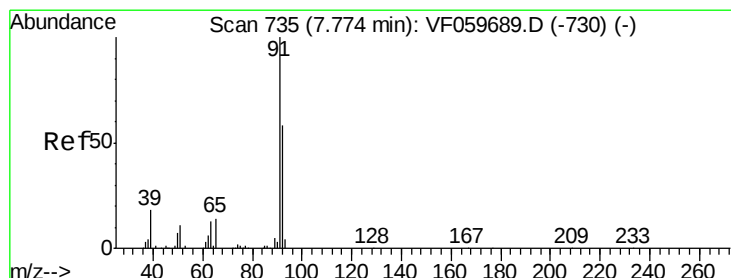
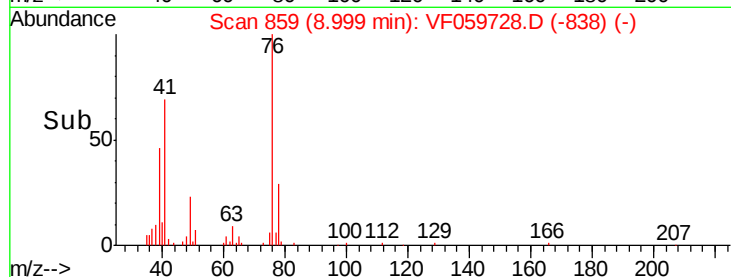
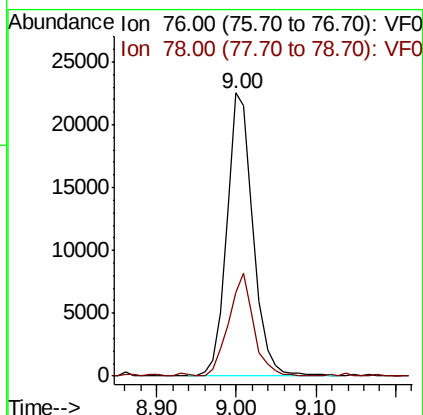
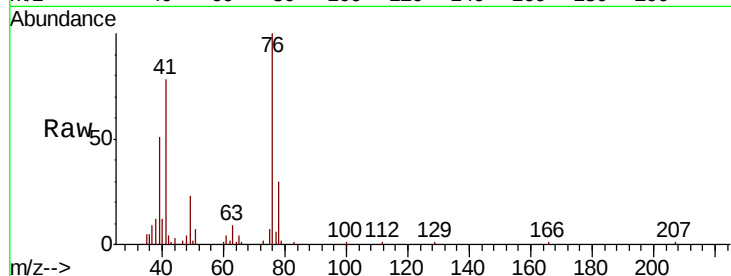
Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion: 76 Resp: 51890

Ion Ratio Lower Upper

76 100

78 29.6 27.2 40.8



#58

2-Chloroethyl Vinyl ether

Concen: 115.105 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.01 min

Lab File: VF059728.D

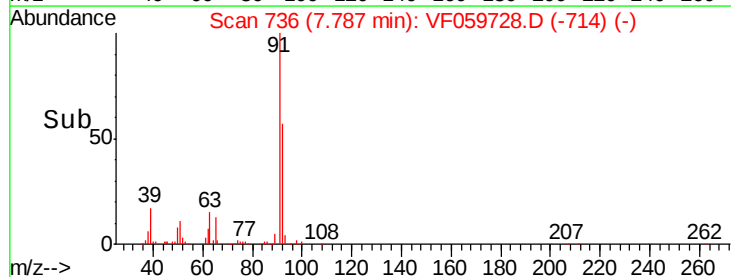
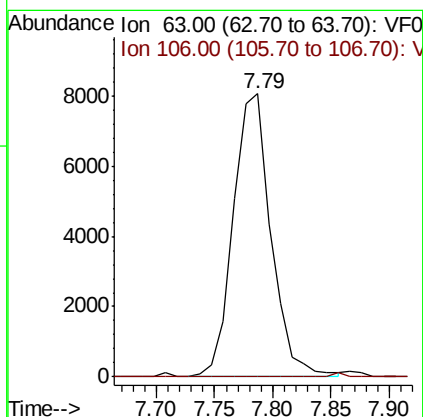
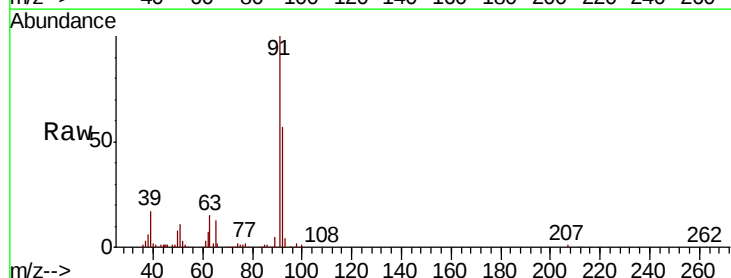
Acq: 1 Aug 2018 1:49

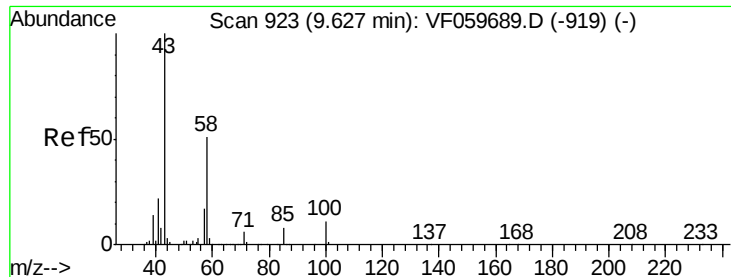
Tgt Ion: 63 Resp: 18127

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0

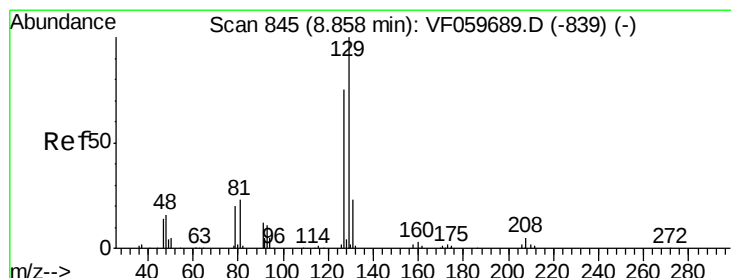
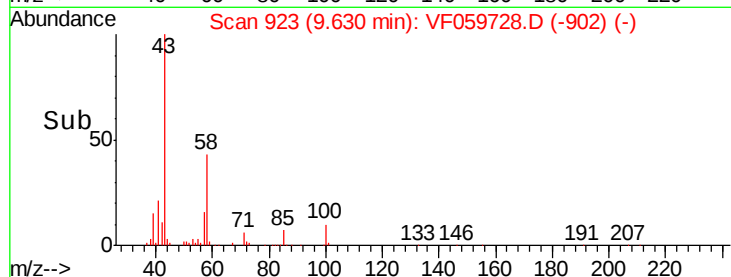
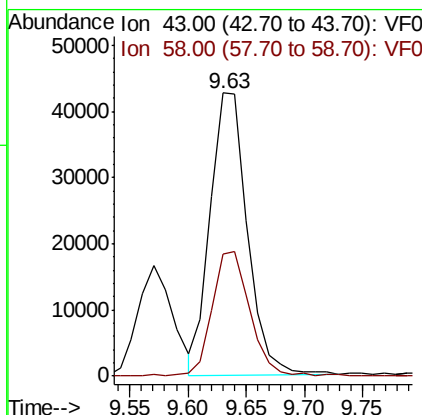
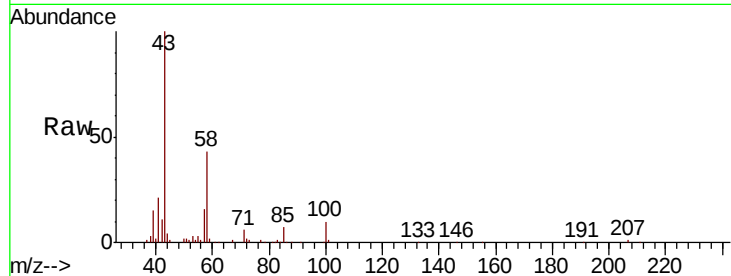




#59  
2-Hexanone  
Concen: 108.257 ug/l  
RT: 9.63 min Scan# 923  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

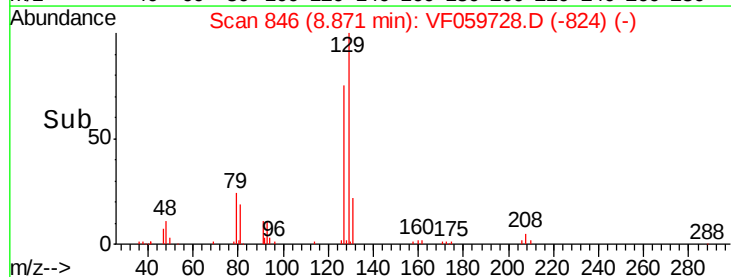
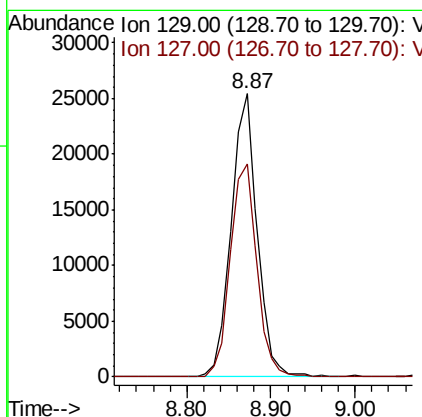
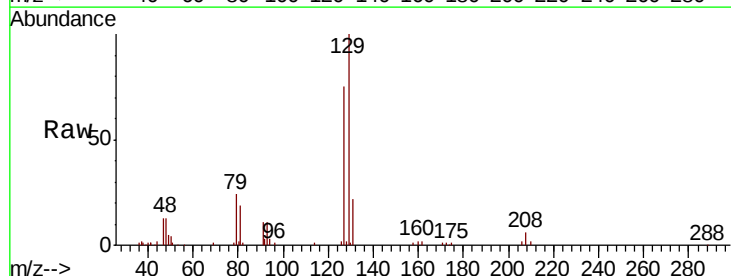
Instrument :  
MSVOA\_F  
ClientSampleId :

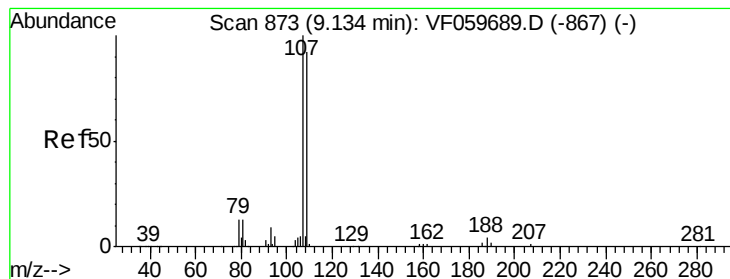
Tot Ion: 43 Resp: 94362  
Ion Ratio Lower Upper  
43 100  
58 43.1 23.3 69.8



#60  
Dibromochloromethane  
Concen: 23.597 ug/l  
RT: 8.87 min Scan# 846  
Delta R.T. 0.01 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Tgt Ion:129 Resp: 54459  
Ion Ratio Lower Upper  
129 100  
127 74.4 37.7 113.1





#61

1,2-Dibromoethane

Concen: 24.147 ug/l

RT: 9.14 min Scan# 873

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

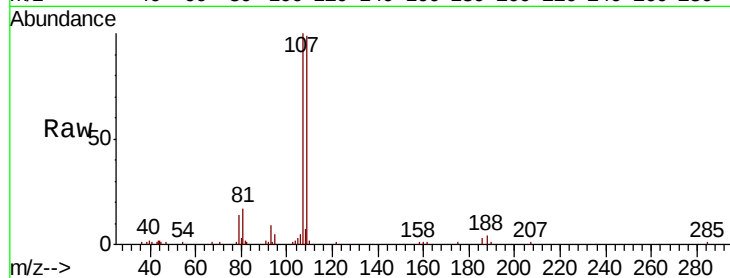
ClientSampleId :

Tot Ion:107 Resp: 36878

Ion Ratio Lower Upper

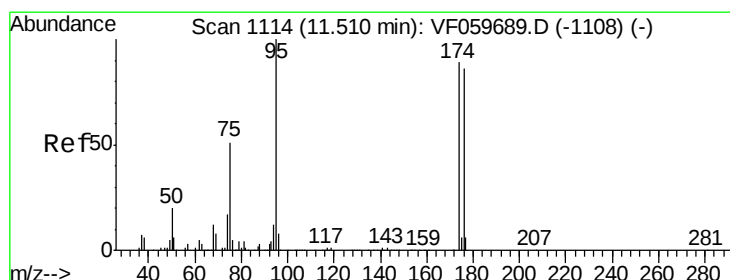
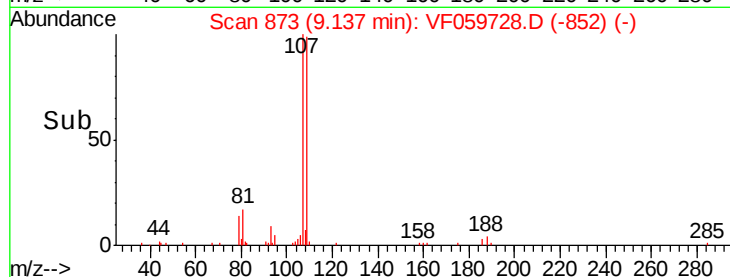
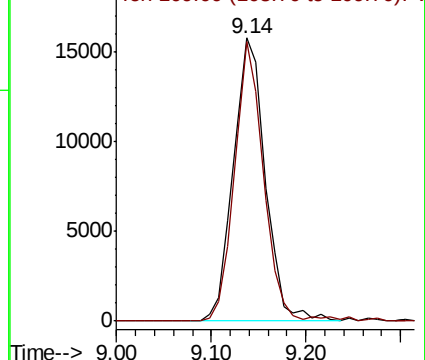
107 100

109 98.9 73.6 110.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 50.180 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

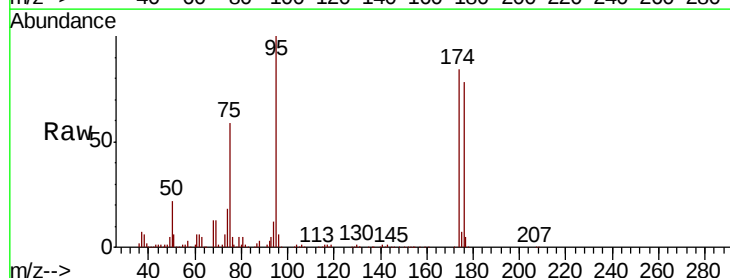
Tgt Ion: 95 Resp: 160899

Ion Ratio Lower Upper

95 100

174 84.0 0.0 178.4

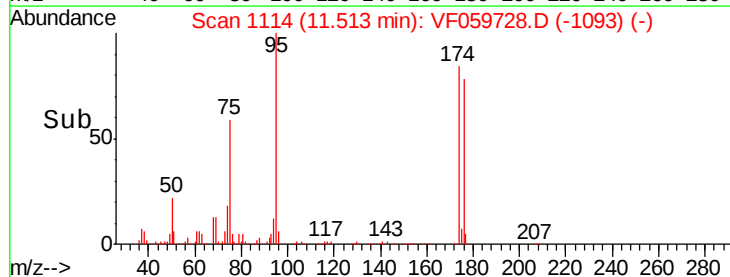
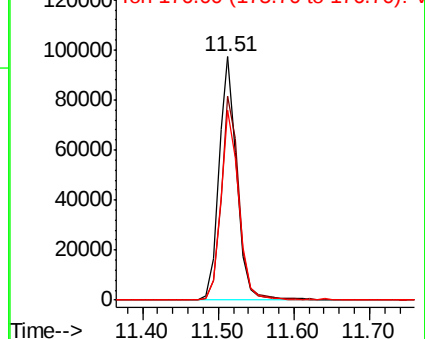
176 77.7 0.0 173.0

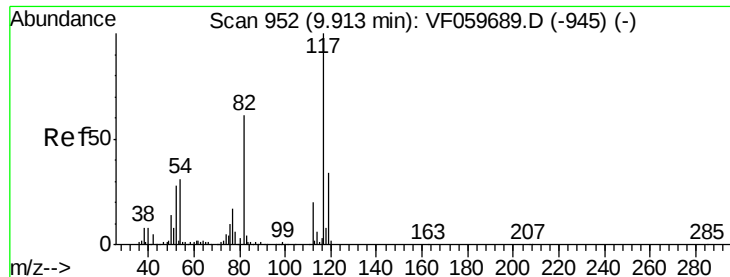


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

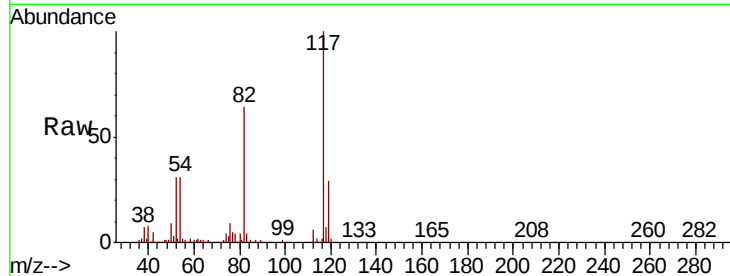




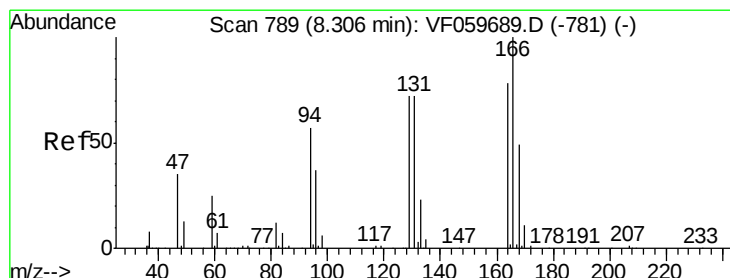
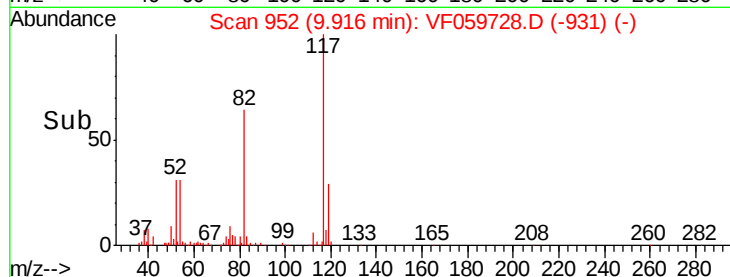
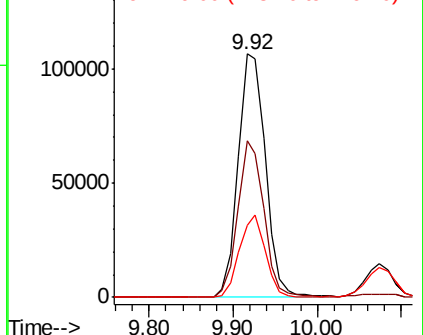
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.92 min Scan# 952  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Instrument :  
MSVOA\_F  
ClientSampled :

Tot Ion:117 Resp: 242448  
Ion Ratio Lower Upper  
117 100  
82 64.3 49.0 73.4  
119 29.4 27.3 40.9

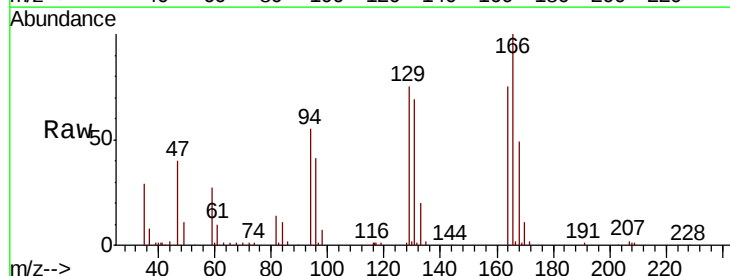


Abundance Ion 117.00 (116.70 to 117.70): V  
Ion 82.00 (81.70 to 82.70): VF0  
Ion 119.00 (118.70 to 119.70): V

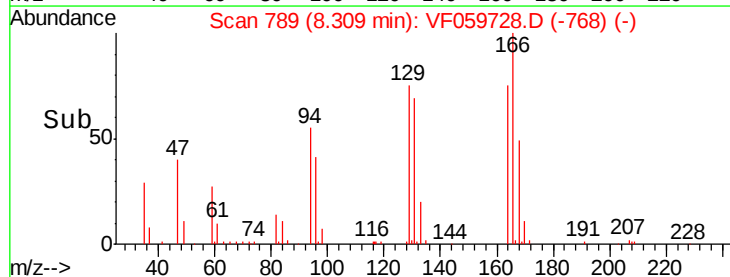
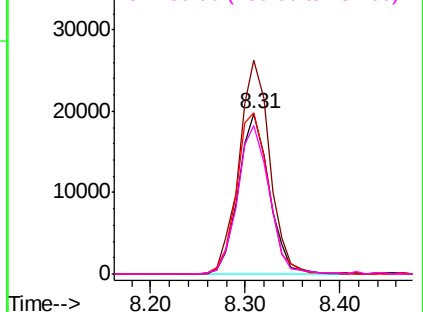


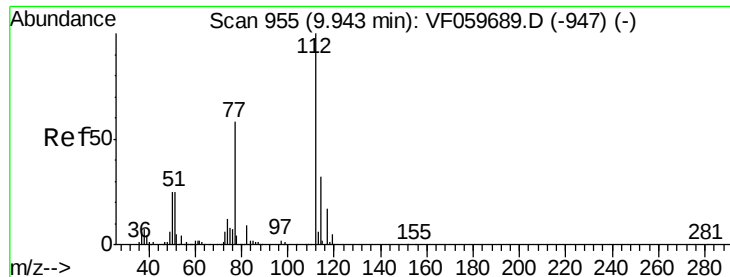
#64  
Tetrachloroethene  
Concen: 24.922 ug/l  
RT: 8.31 min Scan# 789  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Tgt Ion:164 Resp: 44416  
Ion Ratio Lower Upper  
164 100  
166 133.0 102.1 153.1  
129 100.1 73.8 110.6  
131 92.1 73.1 109.7



Abundance Ion 163.85 (163.55 to 164.55): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.90 (128.60 to 129.60): V  
Ion 130.90 (130.60 to 131.60): V

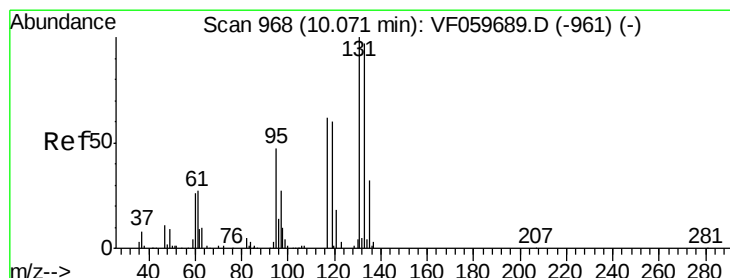
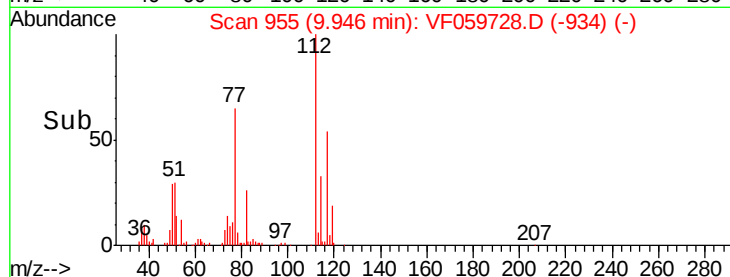
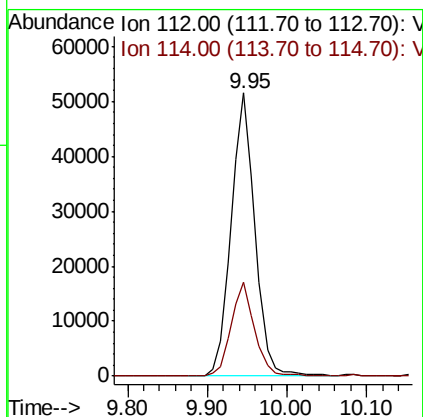
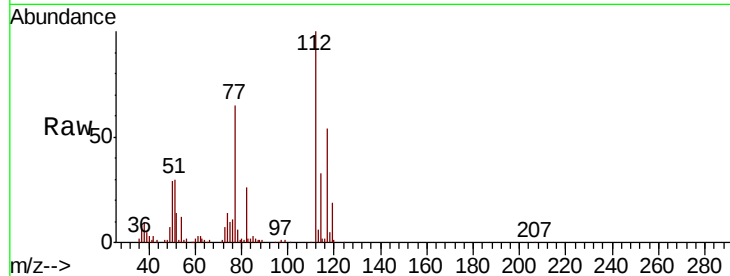




#65  
Chlorobenzene  
Concen: 22.272 ug/l  
RT: 9.95 min Scan# 955  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

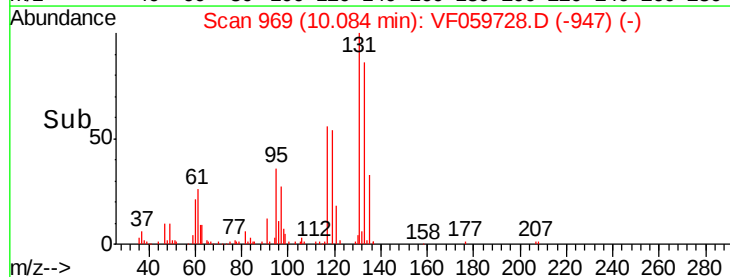
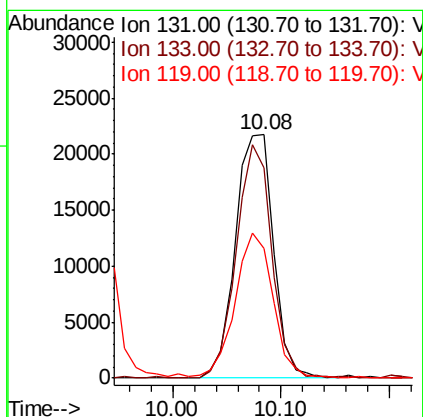
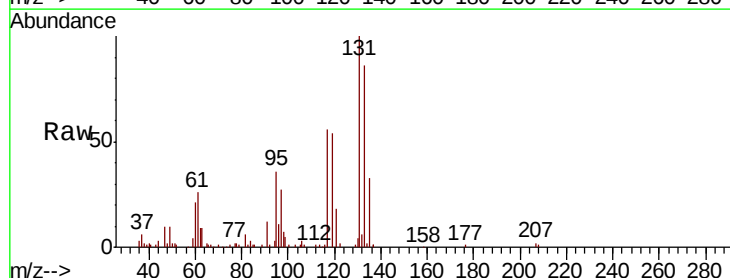
Instrument :  
MSVOA\_F  
ClientSampleId :

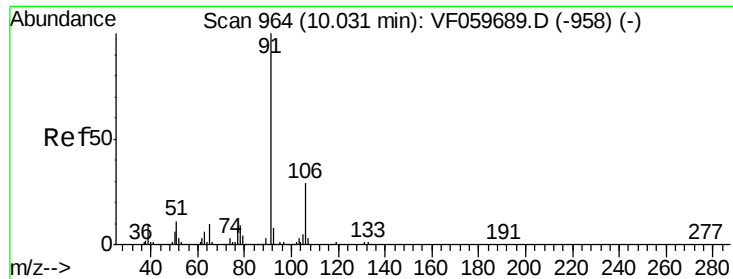
Tot Ion:112 Resp: 108020  
Ion Ratio Lower Upper  
112 100  
114 33.0 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 23.499 ug/l  
RT: 10.08 min Scan# 969  
Delta R.T. 0.01 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Tgt Ion:131 Resp: 53208  
Ion Ratio Lower Upper  
131 100  
133 86.4 48.5 145.5  
119 53.5 30.3 90.8

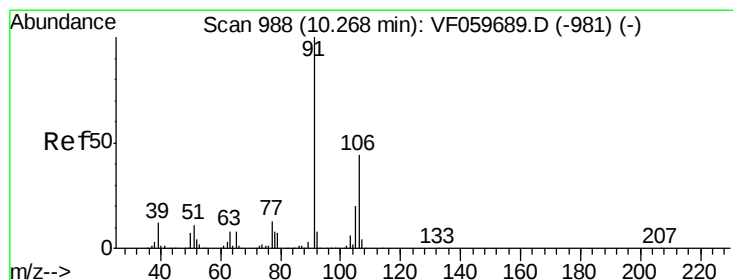
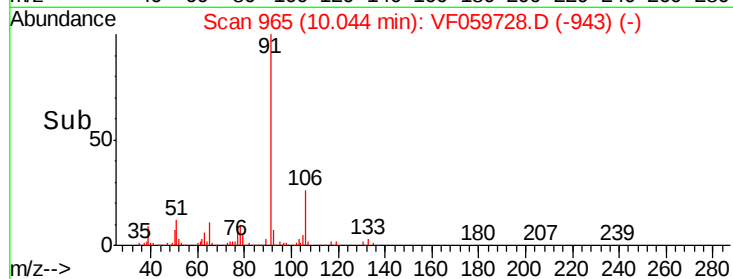
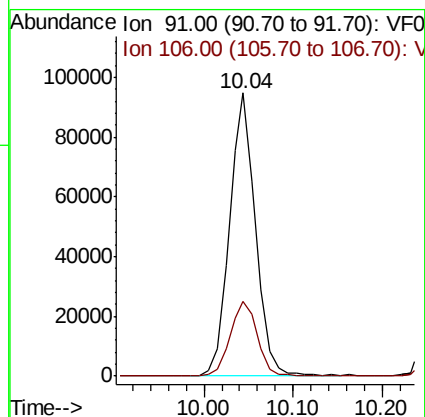
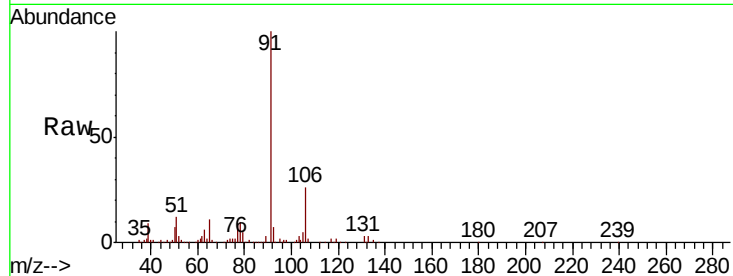




#67  
Ethyl Benzene  
Concen: 23.041 ug/l  
RT: 10.04 min Scan# 965  
Delta R.T. 0.01 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

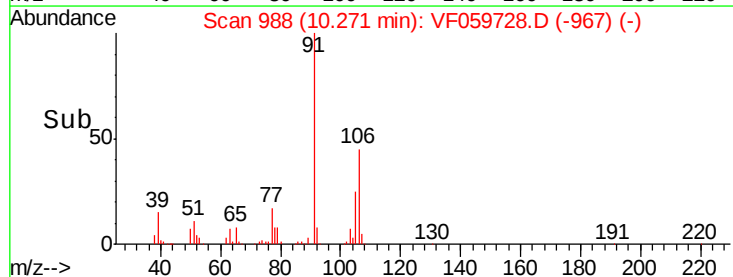
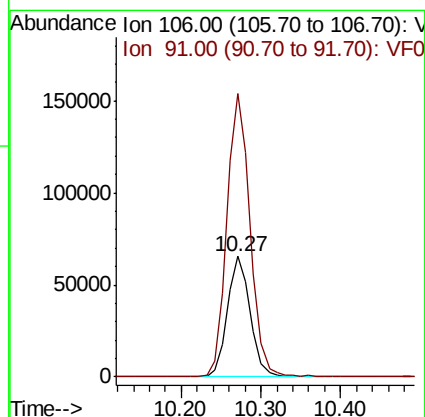
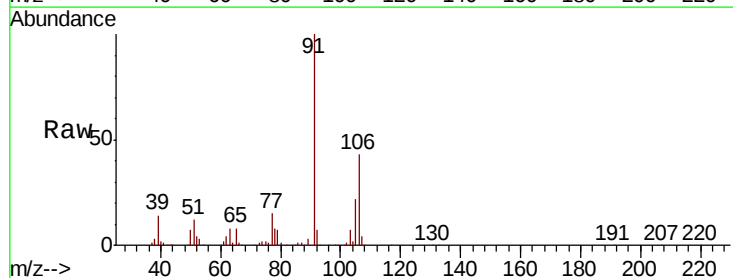
Instrument :  
MSVOA\_F  
ClientSampleId :

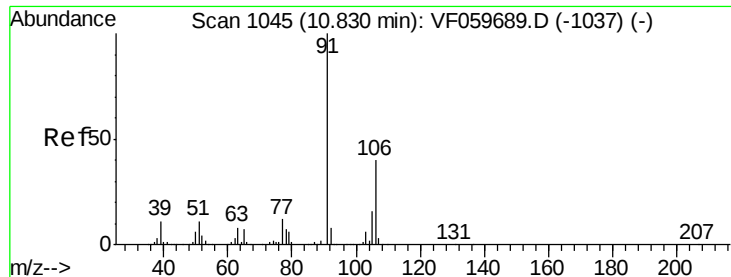
Tot Ion: 91 Resp: 193343  
Ion Ratio Lower Upper  
91 100  
106 26.2 22.9 34.3



#68  
m/p-Xylenes  
Concen: 46.340 ug/l  
RT: 10.27 min Scan# 988  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Tgt Ion:106 Resp: 132588  
Ion Ratio Lower Upper  
106 100  
91 234.8 181.7 272.5

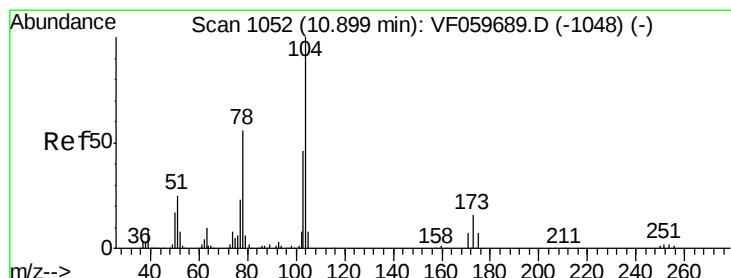
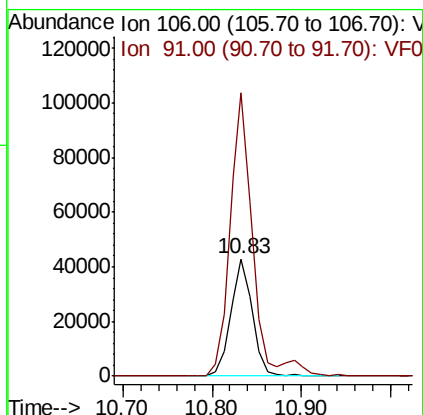
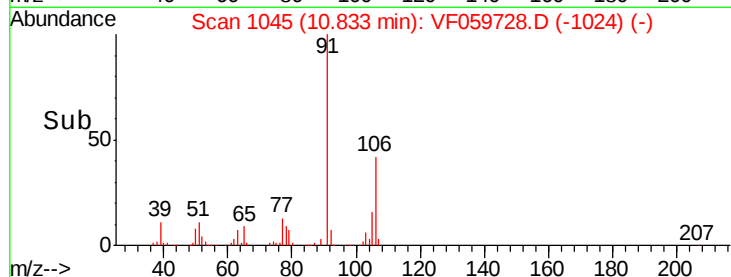
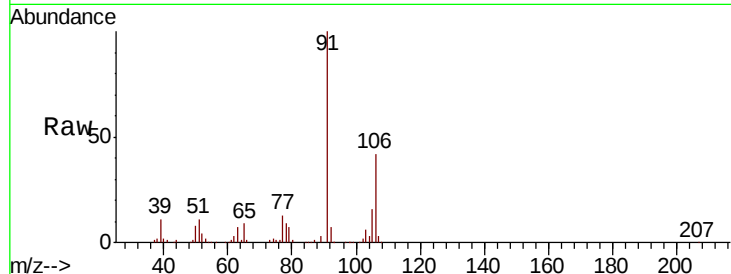




#69  
o-Xylene  
Concen: 23.951 ug/l  
RT: 10.83 min Scan# 1045  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

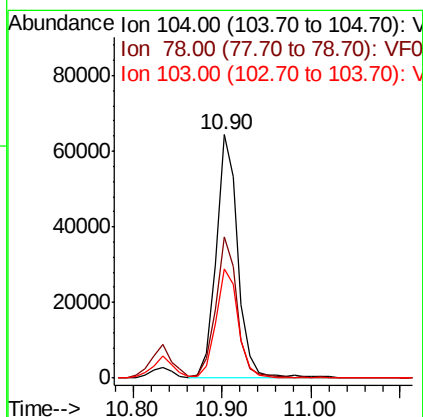
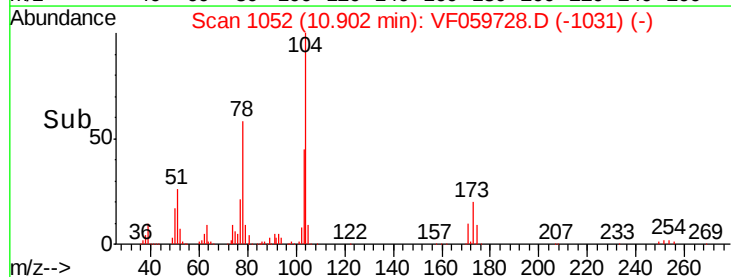
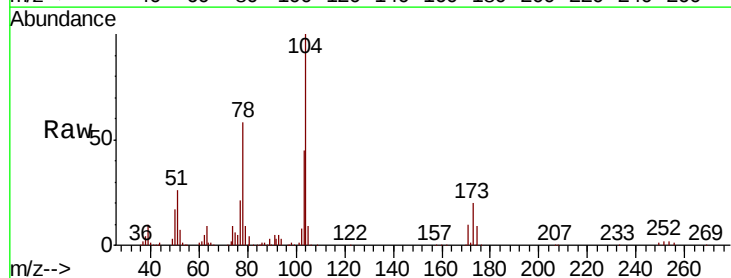
Instrument :  
MSVOA\_F  
ClientSampled :

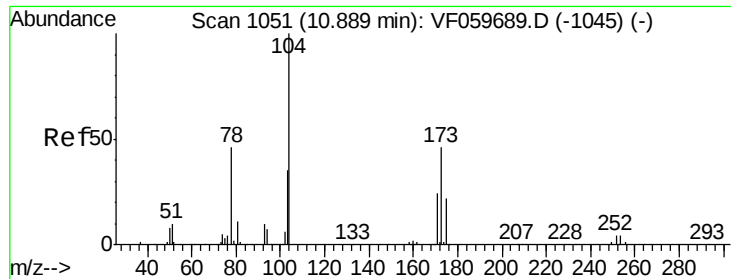
Tot Ion:106 Resp: 74054  
Ion Ratio Lower Upper  
106 100  
91 240.7 124.6 373.7



#70  
Styrene  
Concen: 23.432 ug/l  
RT: 10.90 min Scan# 1052  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Tgt Ion:104 Resp: 109755  
Ion Ratio Lower Upper  
104 100  
78 57.8 45.3 67.9  
103 44.8 36.6 54.8





#71

Bromoform

Concen: 25.007 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

ClientSampleId :

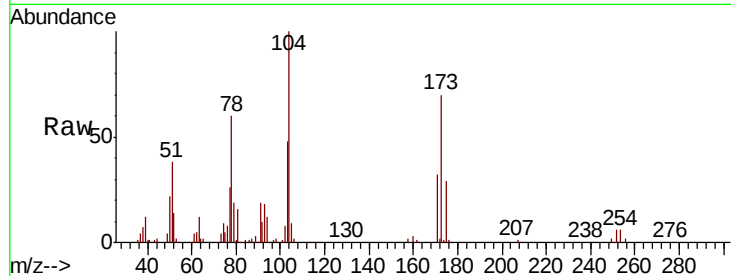
Tot Ion:173 Resp: 36897

Ion Ratio Lower Upper

173 100

175 41.4 23.4 70.0

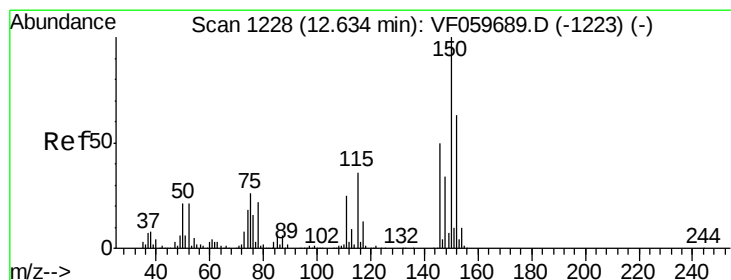
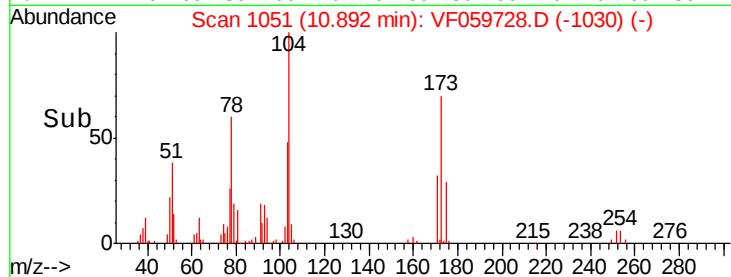
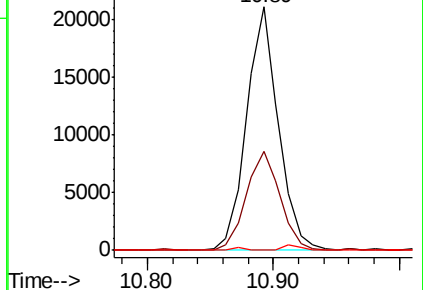
254 0.0 0.0 0.0



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

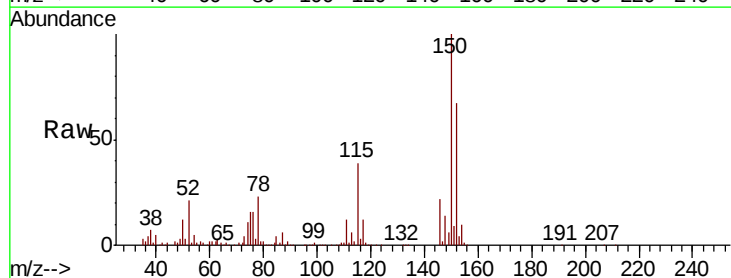
Tgt Ion:152 Resp: 164390

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.6

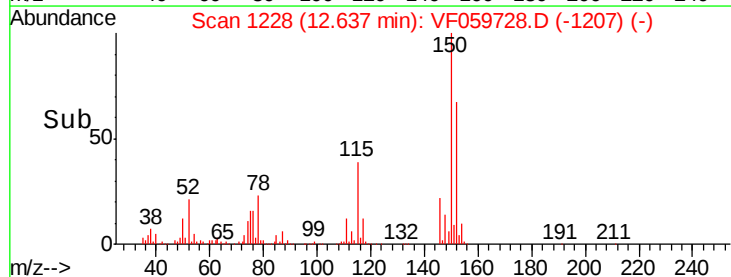
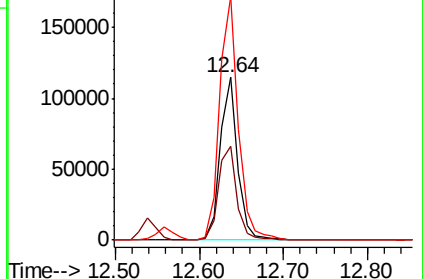
150 150.0 0.0 316.2

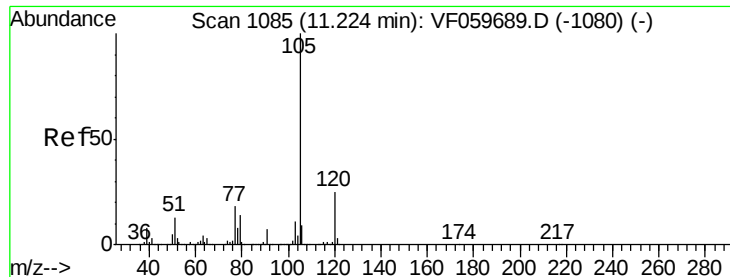


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 21.765 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

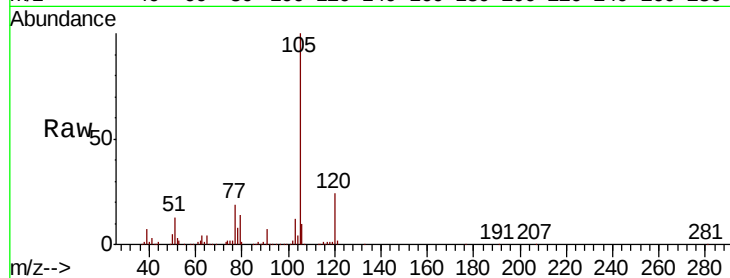
ClientSampleId :

Tot Ion:105 Resp: 234762

Ion Ratio Lower Upper

105 100

120 23.9 12.4 37.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.23

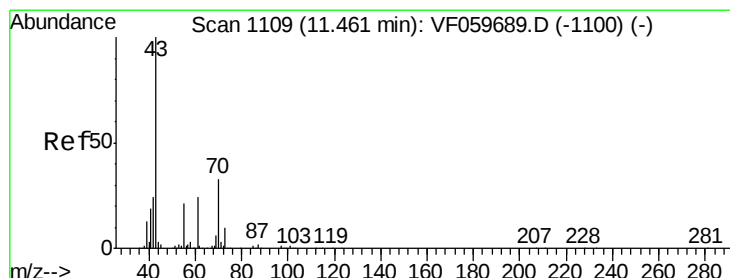
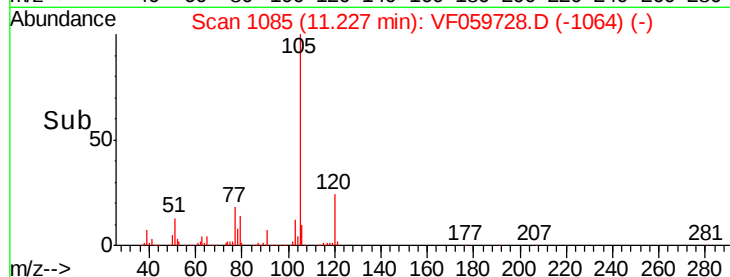
150000

100000

50000

0

Time--> 11.10 11.20 11.30



#74

N-ethyl acetate

Concen: 19.341 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Tgt Ion: 43 Resp: 52633

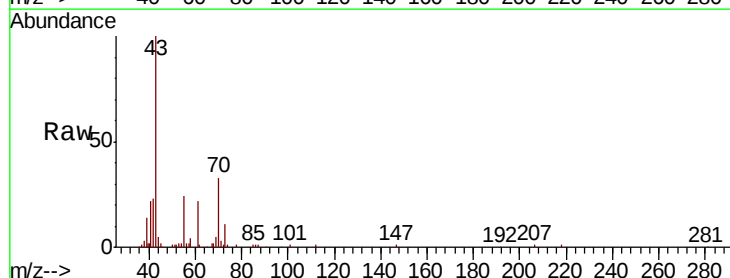
Ion Ratio Lower Upper

43 100

70 32.5 26.3 39.5

55 23.6 16.6 25.0

61 22.3 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

50000

40000

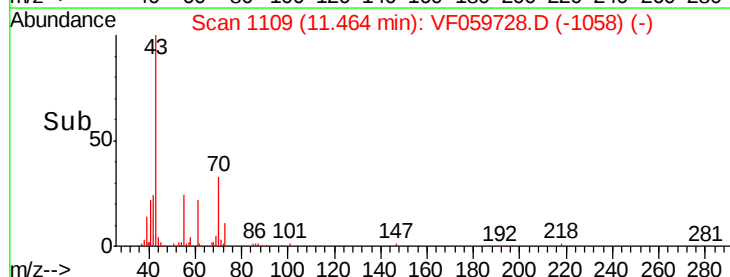
30000

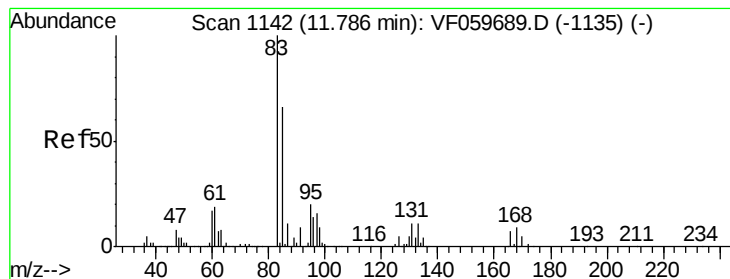
20000

10000

0

Time--> 11.40 11.50 11.60





#75

1,1,2,2-Tetrachloroethane

Concen: 23.181 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

ClientSampleId :

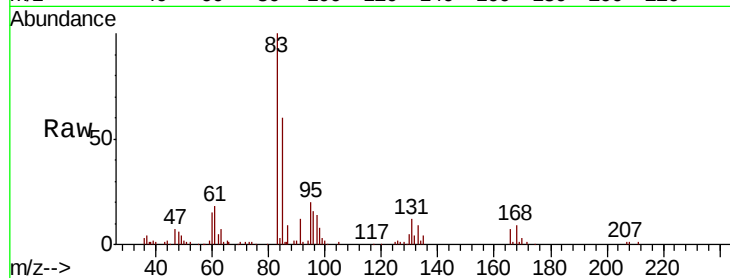
Tot Ion: 83 Resp: 47067

Ion Ratio Lower Upper

83 100

131 12.4 5.8 17.3

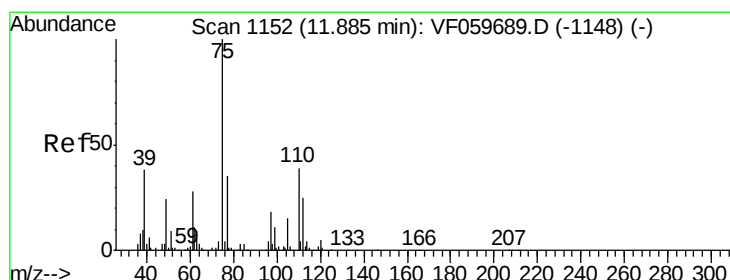
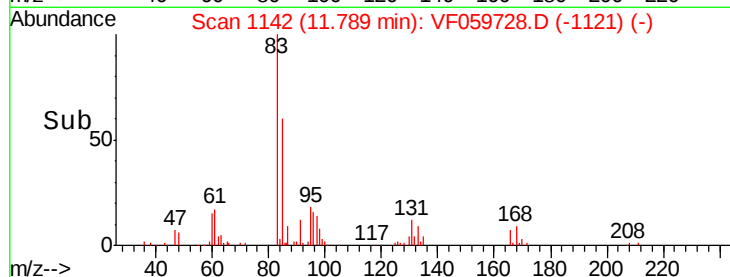
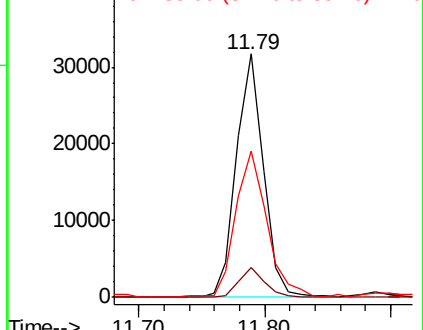
85 60.0 32.8 98.3



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 22.189 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. 0.00 min

Lab File: VF059728.D

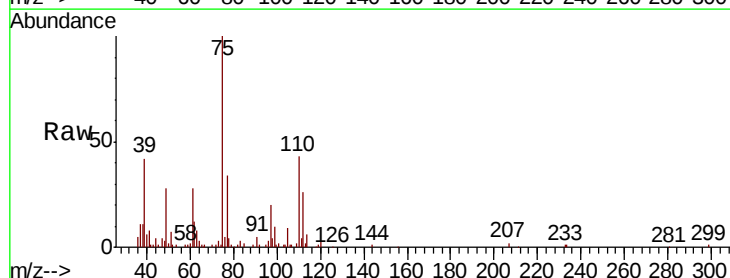
Acq: 1 Aug 2018 1:49

Tgt Ion: 75 Resp: 38310

Ion Ratio Lower Upper

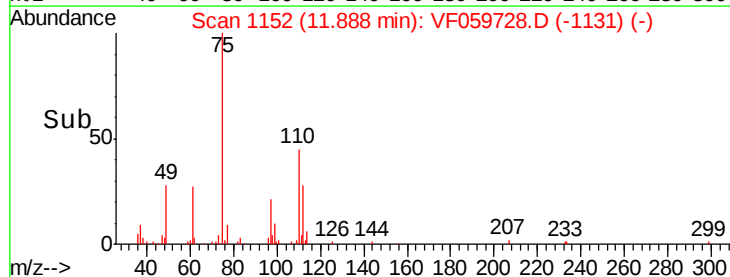
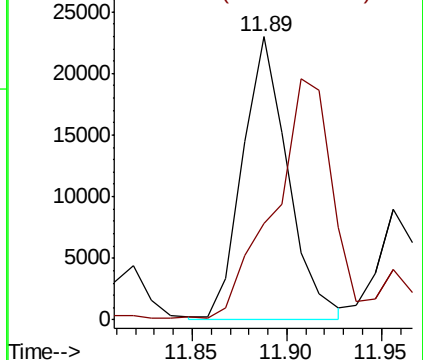
75 100

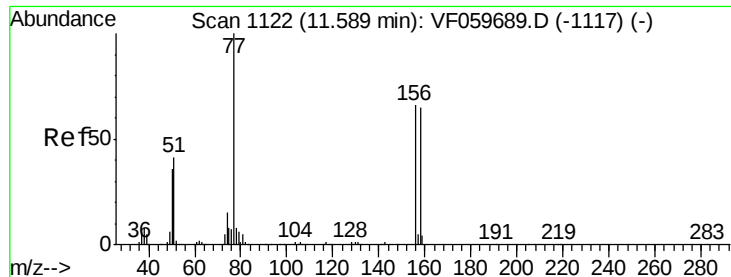
77 34.2 18.0 54.0



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 21.063 ug/l

RT: 11.60 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

ClientSampleId :

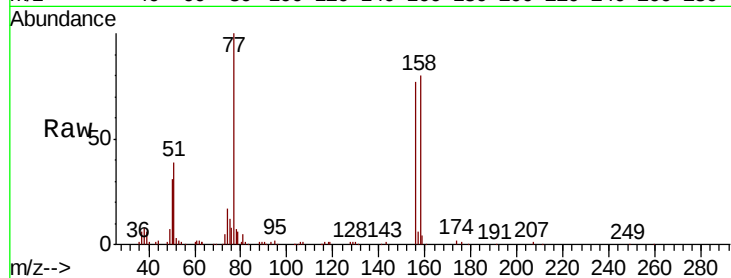
Tot Ion:156 Resp: 59328

Ion Ratio Lower Upper

156 100

77 129.2 75.2 225.6

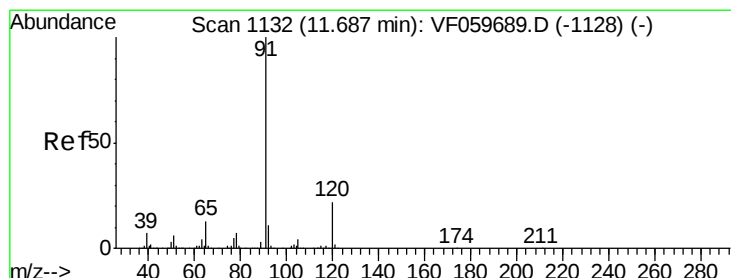
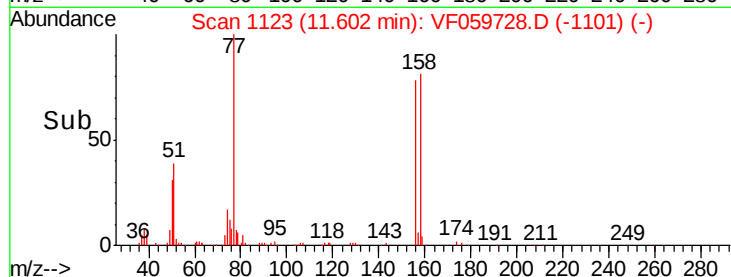
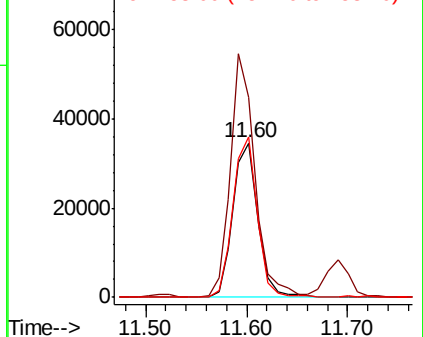
158 103.6 49.1 147.3



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 21.606 ug/l

RT: 11.69 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VF059728.D

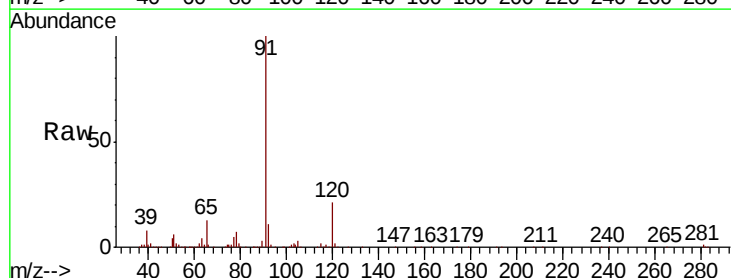
Acq: 1 Aug 2018 1:49

Tgt Ion: 91 Resp: 270342

Ion Ratio Lower Upper

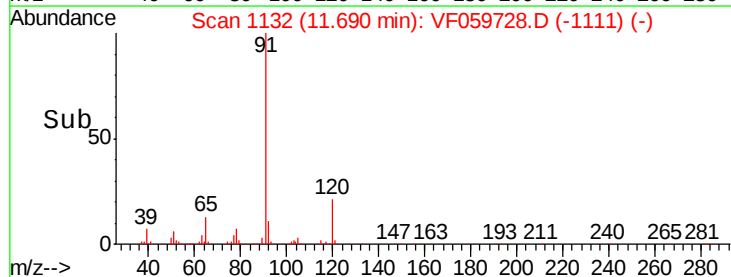
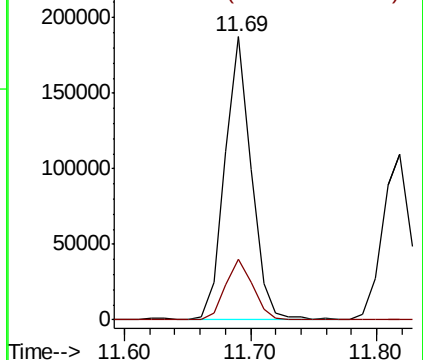
91 100

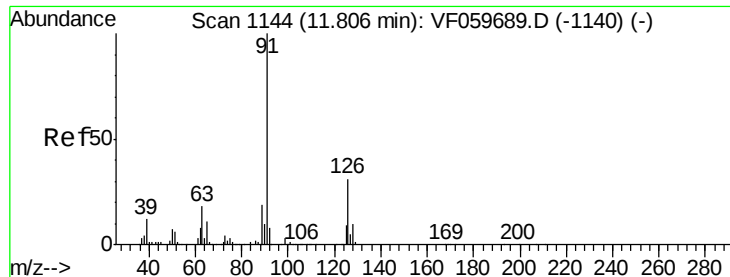
120 21.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.957 ug/l

RT: 11.82 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

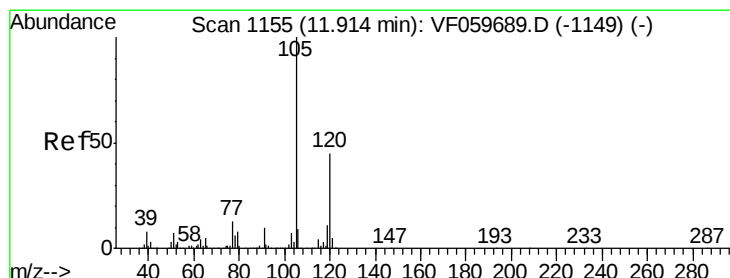
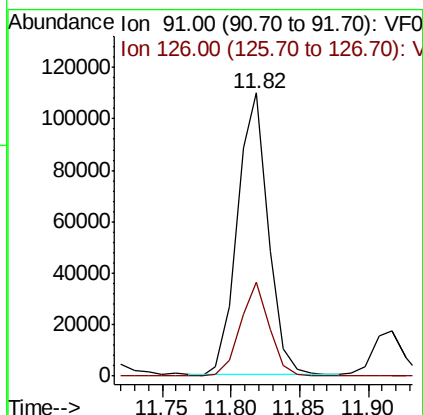
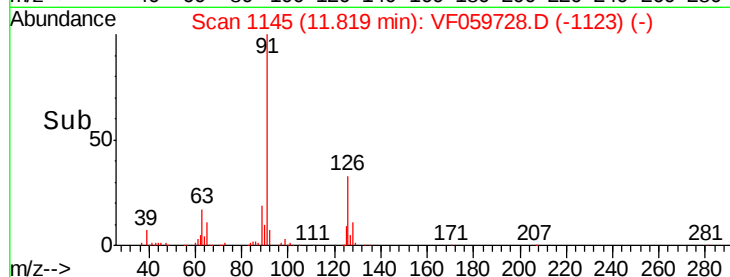
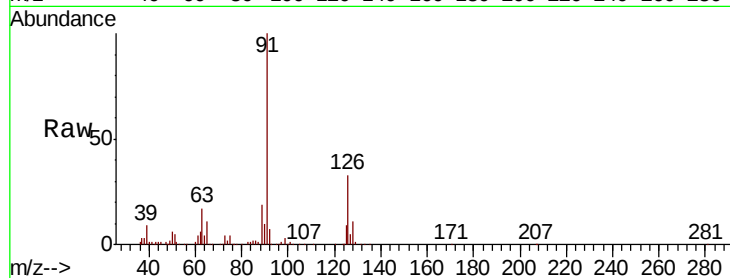
ClientSampleId :

Tot Ion: 91 Resp: 169916

Ion Ratio Lower Upper

91 100

126 33.0 15.4 46.2



#80

1,3,5-Trimethylbenzene

Concen: 22.527 ug/l

RT: 11.92 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VF059728.D

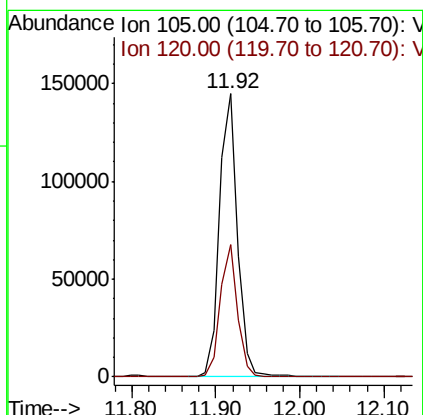
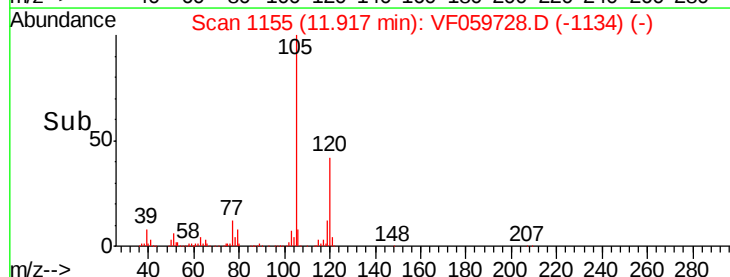
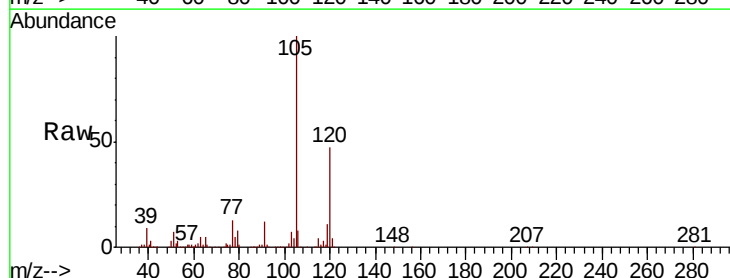
Acq: 1 Aug 2018 1:49

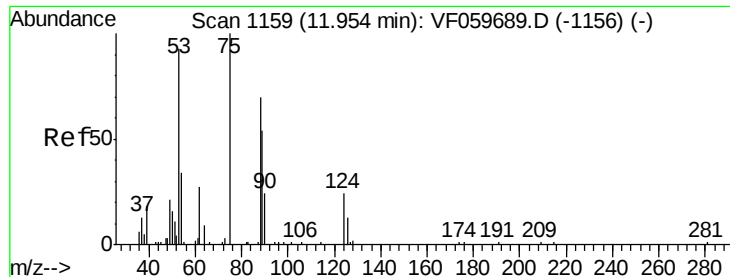
Tgt Ion:105 Resp: 215542

Ion Ratio Lower Upper

105 100

120 46.6 22.7 68.0





#81

trans-1,4-Dichloro-2-butene

Concen: 29.435 ug/l

RT: 11.96 min Scan# 1159

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

ClientSampled :

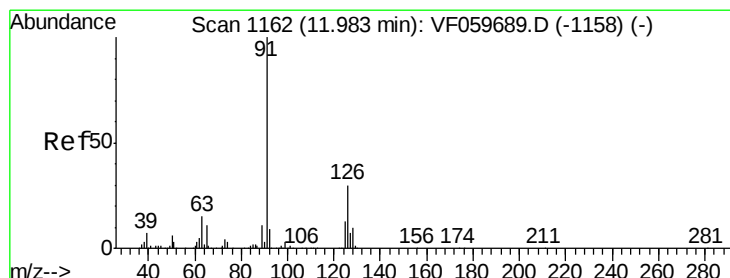
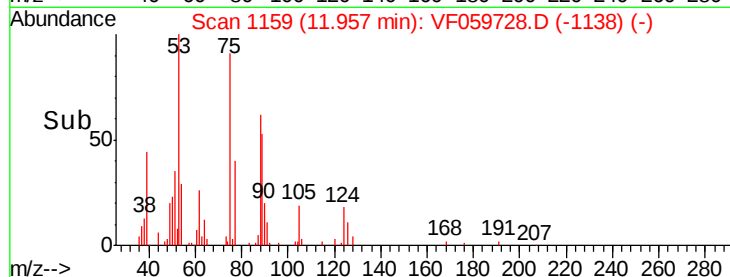
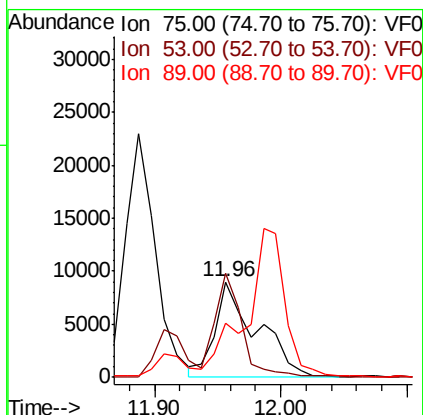
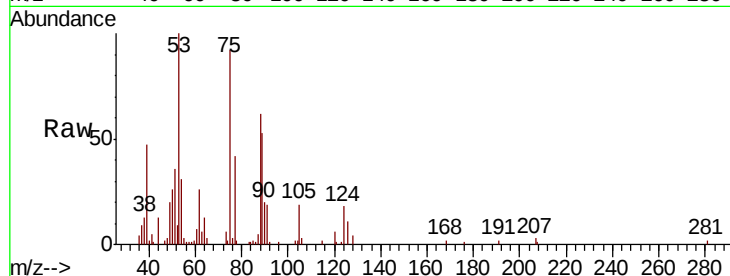
Tot Ion: 75 Resp: 21047

Ion Ratio Lower Upper

75 100

53 108.3 78.3 117.5

89 57.1 45.4 68.2



#82

4-Chlorotoluene

Concen: 22.125 ug/l

RT: 12.00 min Scan# 1163

Delta R.T. 0.01 min

Lab File: VF059728.D

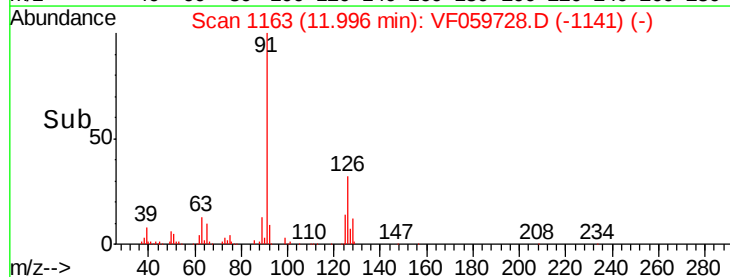
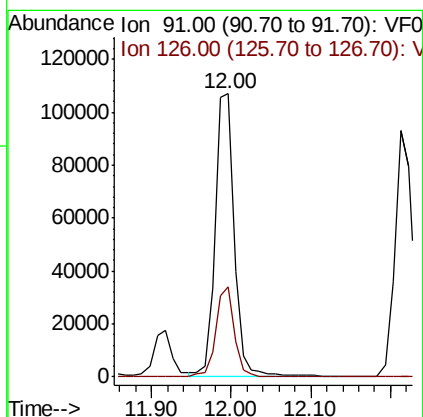
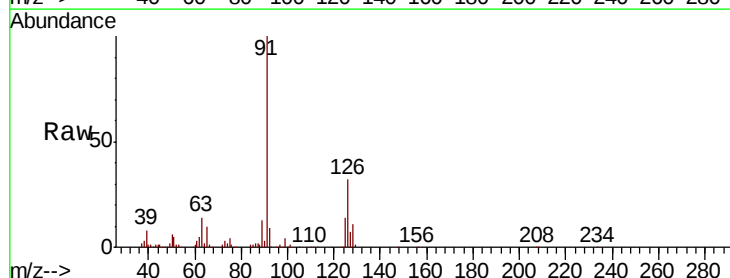
Acq: 1 Aug 2018 1:49

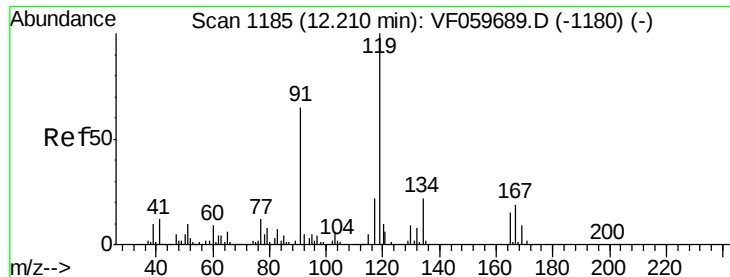
Tgt Ion: 91 Resp: 181085

Ion Ratio Lower Upper

91 100

126 31.8 15.2 45.6





#83

tert-Butylbenzene

Concen: 22.429 ug/l

RT: 12.21 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

ClientSampleId :

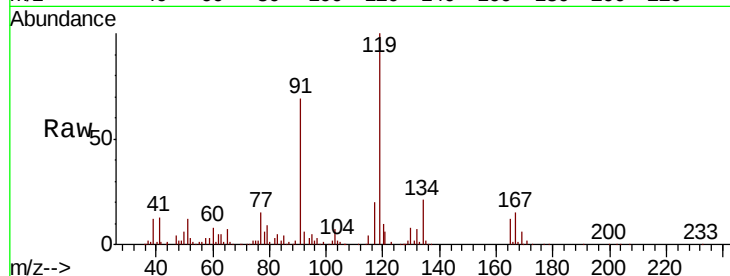
Tot Ion:119 Resp: 217174

Ion Ratio Lower Upper

119 100

91 69.2 32.8 98.4

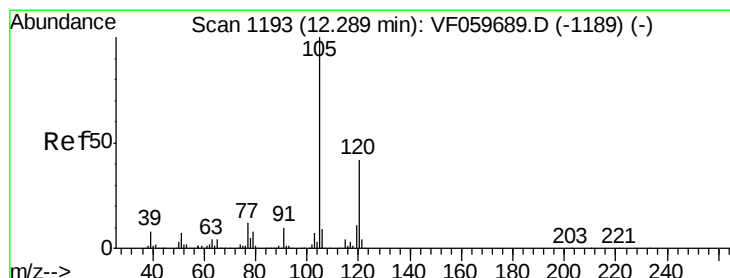
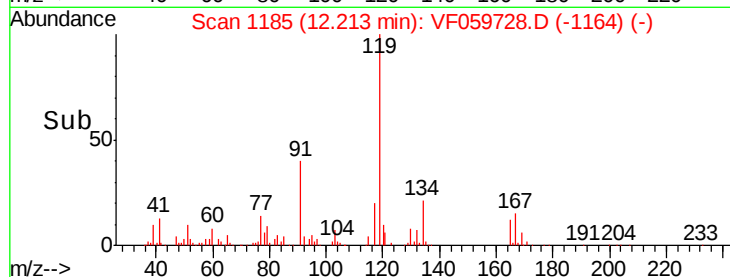
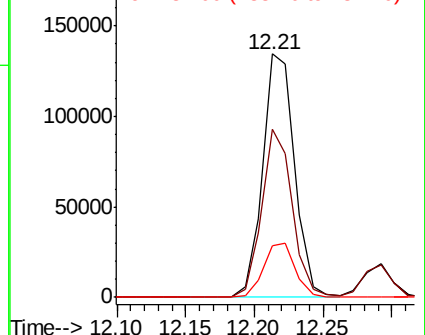
134 21.3 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 23.968 ug/l

RT: 12.29 min Scan# 1193

Delta R.T. 0.00 min

Lab File: VF059728.D

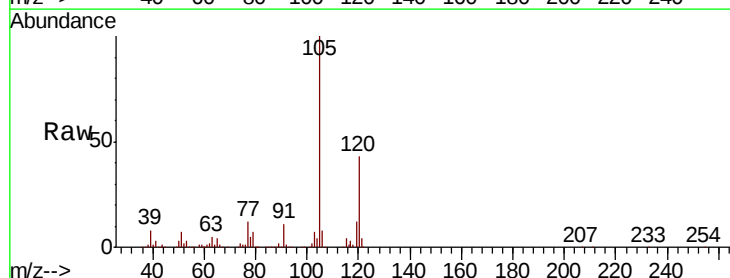
Acq: 1 Aug 2018 1:49

Tgt Ion:105 Resp: 228560

Ion Ratio Lower Upper

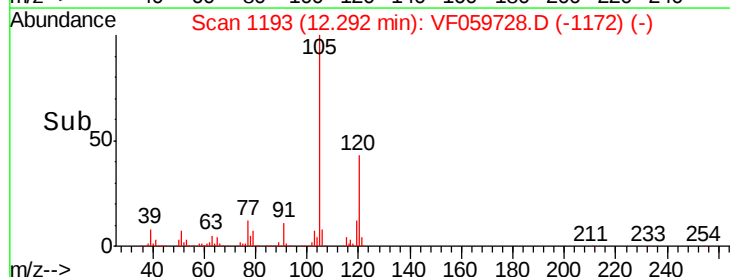
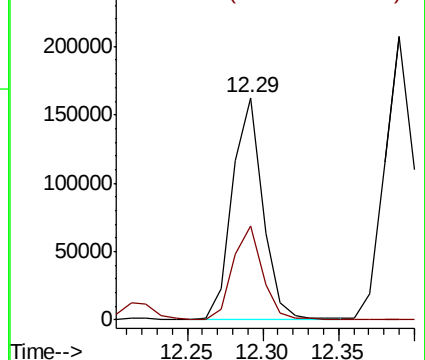
105 100

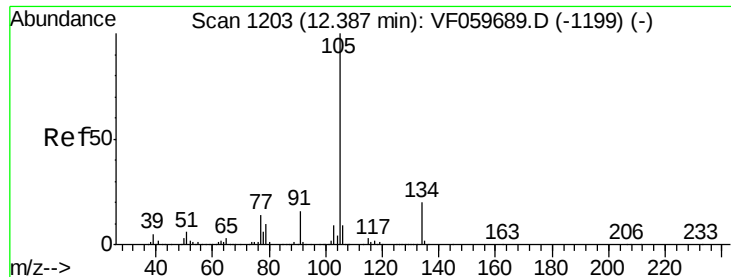
120 42.5 21.1 63.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 23.149 ug/l

RT: 12.39 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

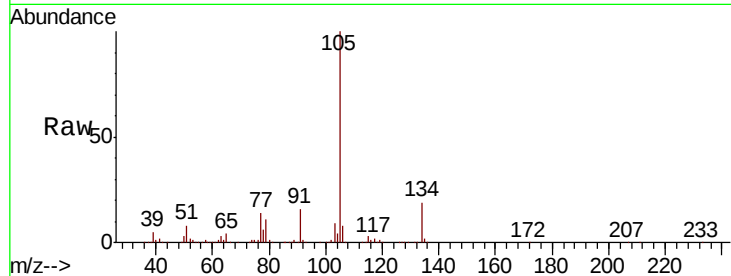
ClientSampled :

Tot Ion:105 Resp: 286928

Ion Ratio Lower Upper

105 100

134 18.8 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.39

200000

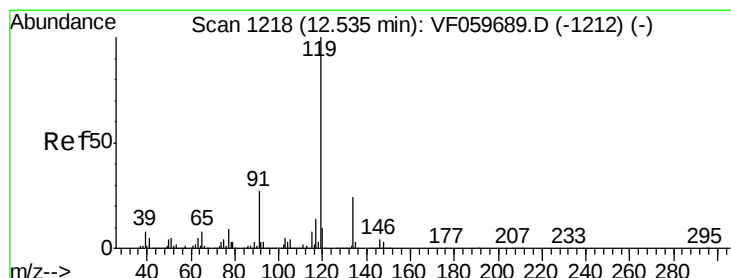
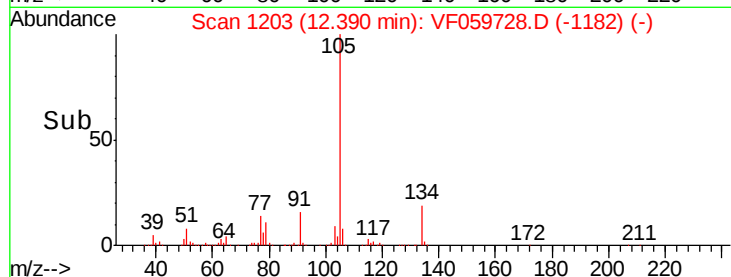
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#86

p-Isopropyltoluene

Concen: 22.372 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

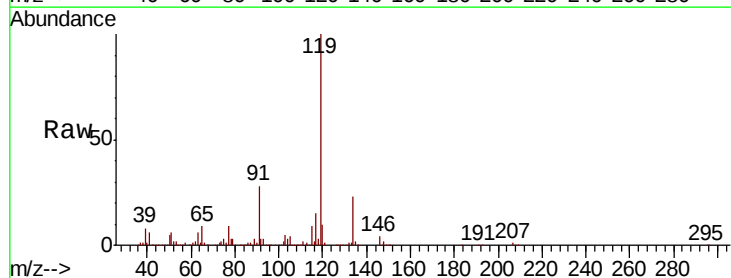
Tgt Ion:119 Resp: 244563

Ion Ratio Lower Upper

119 100

134 23.2 12.2 36.6

91 27.7 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.54

200000

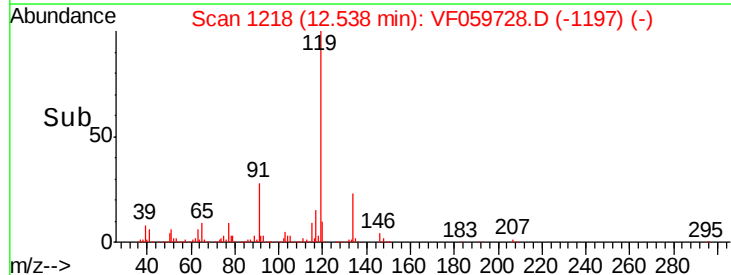
150000

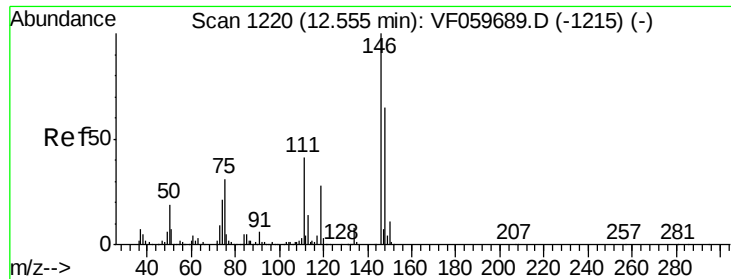
100000

50000

0

Time--> 12.50 12.60

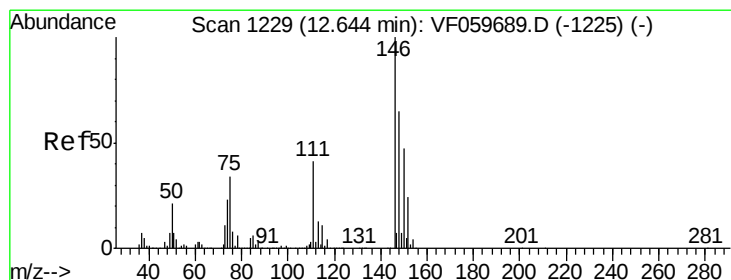
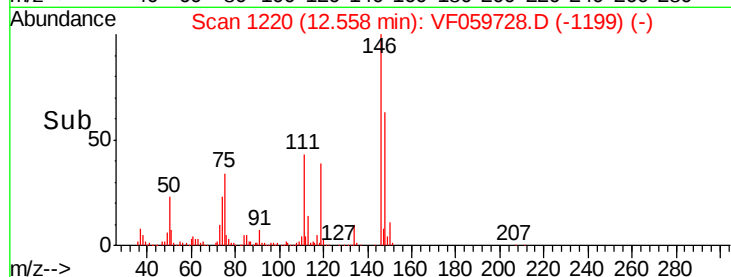
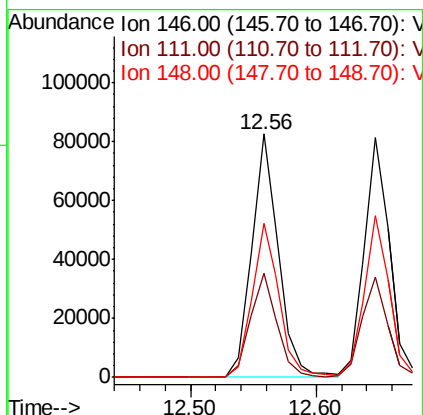
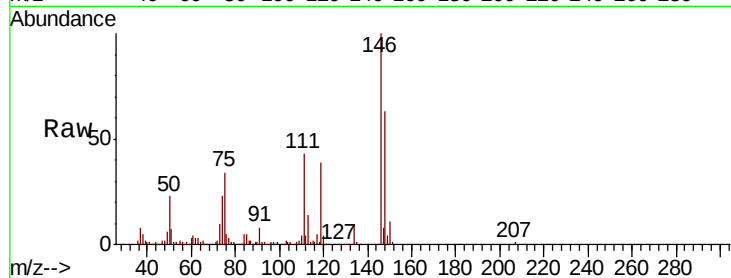




#87  
 1,3-Dichlorobenzene  
 Concen: 23.416 ug/l  
 RT: 12.56 min Scan# 1220  
 Delta R.T. 0.00 min  
 Lab File: VF059728.D  
 Acq: 1 Aug 2018 1:49

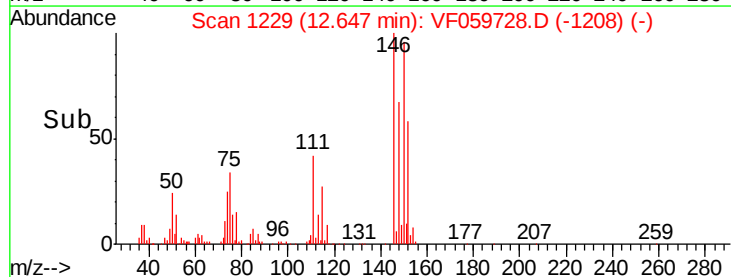
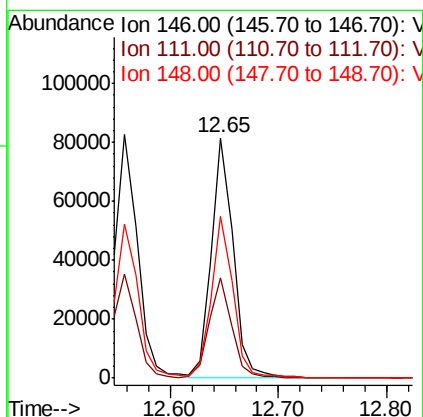
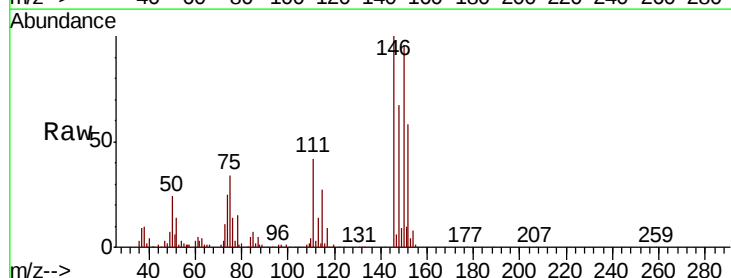
Instrument :  
 MSVOA\_F  
 ClientSampleId :

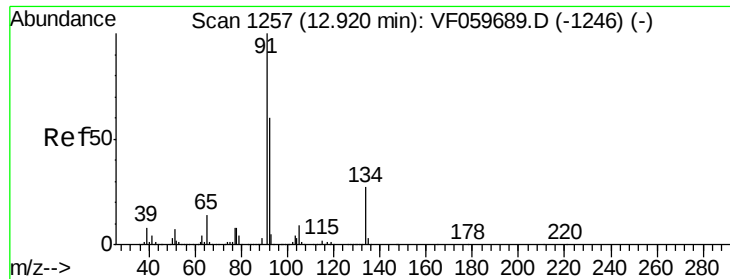
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.8  | 20.7  | 62.1  |
| 148     | 63.3  | 32.3  | 96.8  |



#88  
 1,4-Dichlorobenzene  
 Concen: 22.638 ug/l  
 RT: 12.65 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: VF059728.D  
 Acq: 1 Aug 2018 1:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.8  | 20.8  | 62.2  |
| 148     | 67.3  | 32.3  | 96.9  |





#89

n-Butylbenzene

Concen: 22.575 ug/l

RT: 12.92 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

ClientSampled :

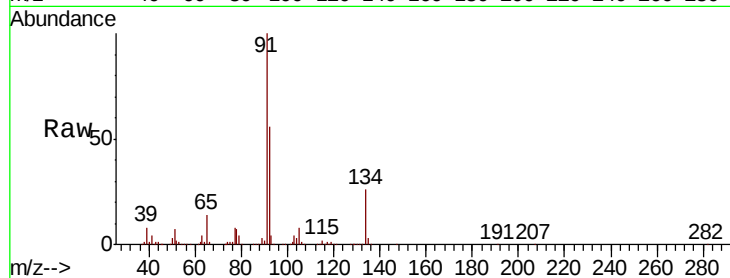
Tot Ion: 91 Resp: 234523

Ion Ratio Lower Upper

91 100

92 56.0 30.1 90.3

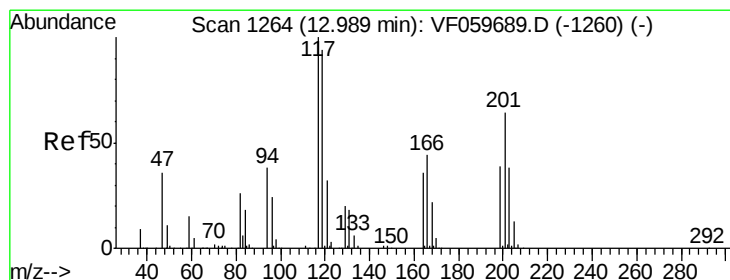
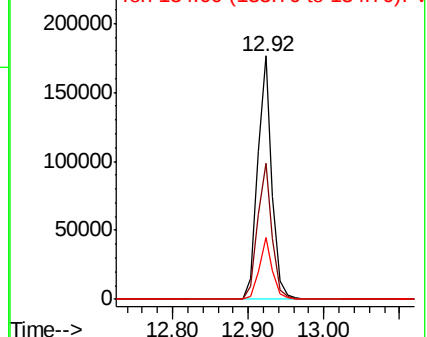
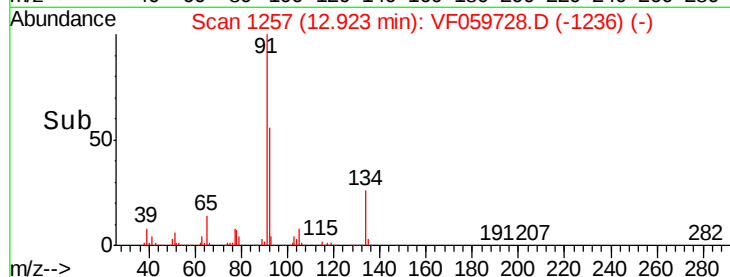
134 25.6 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 23.456 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VF059728.D

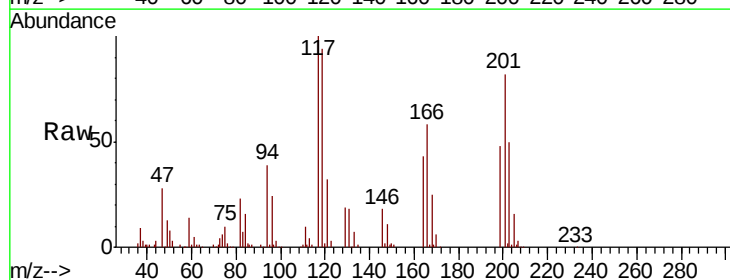
Acq: 1 Aug 2018 1:49

Tgt Ion: 117 Resp: 63813

Ion Ratio Lower Upper

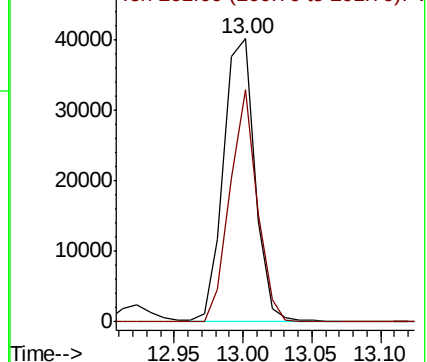
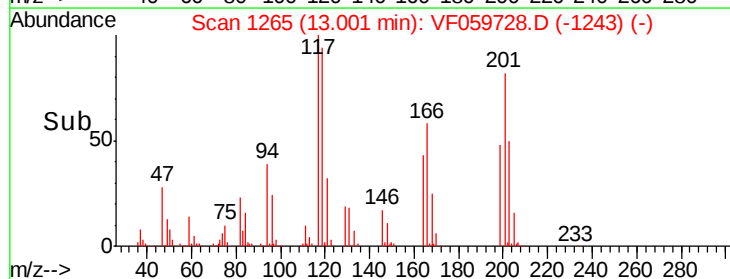
117 100

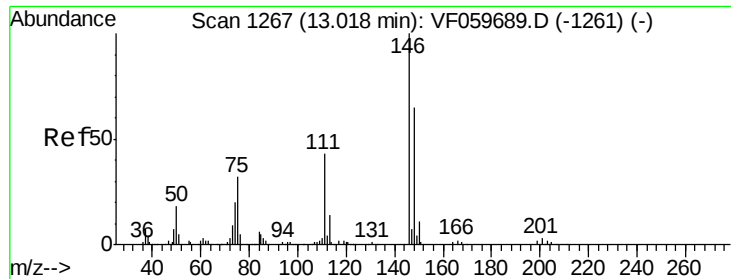
201 81.9 31.9 95.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#91

1,2-Dichlorobenzene

Concen: 23.312 ug/l

RT: 13.02 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

Instrument :

MSVOA\_F

ClientSampled :

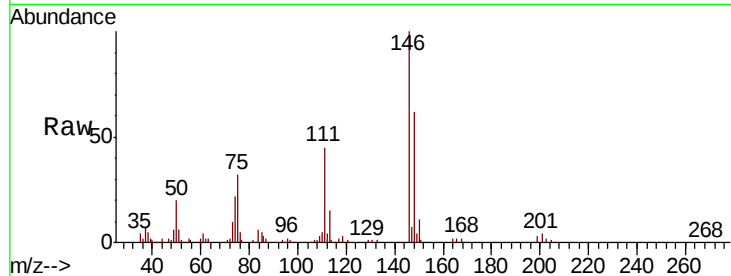
Tot Ion:146 Resp: 115364

Ion Ratio Lower Upper

146 100

111 45.1 21.6 65.0

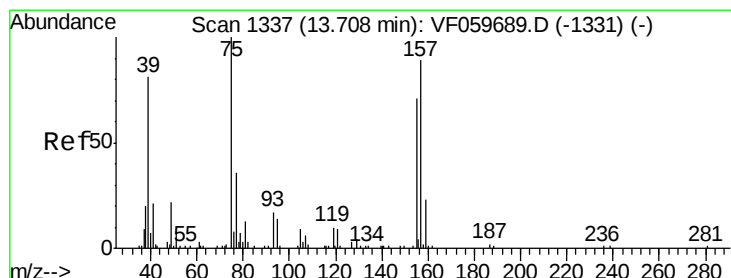
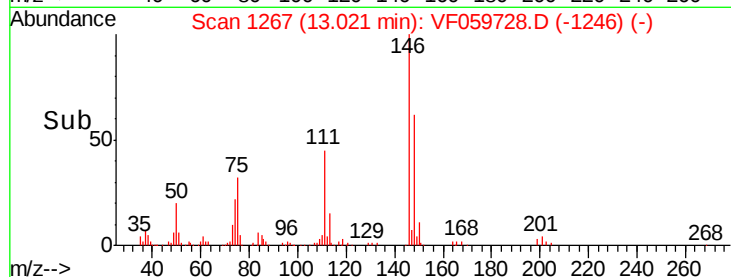
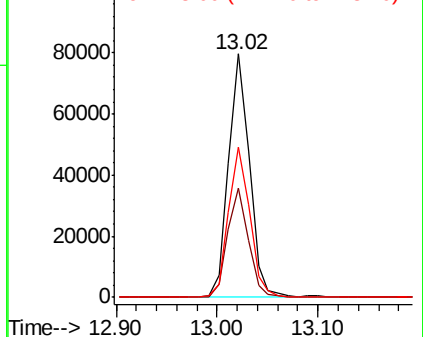
148 61.8 32.3 96.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.052 ug/l

RT: 13.71 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VF059728.D

Acq: 1 Aug 2018 1:49

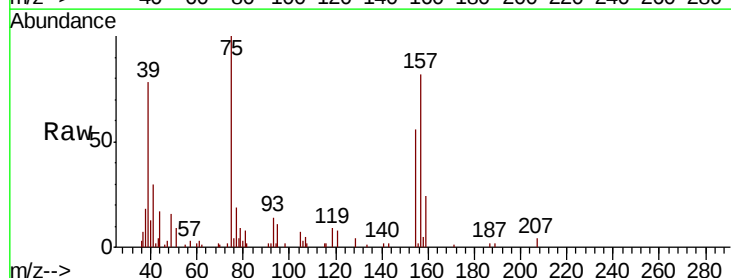
Tgt Ion: 75 Resp: 11442

Ion Ratio Lower Upper

75 100

155 55.8 35.4 106.2

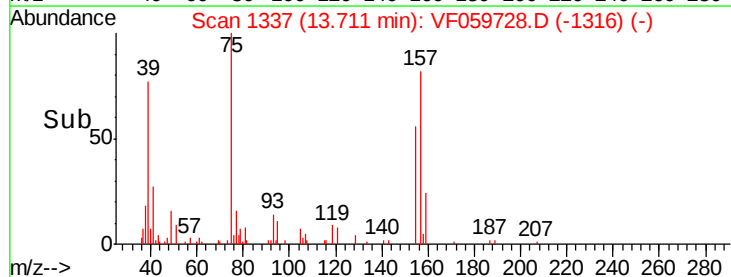
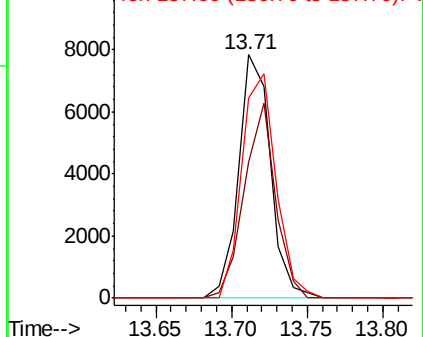
157 86.6 44.4 133.2

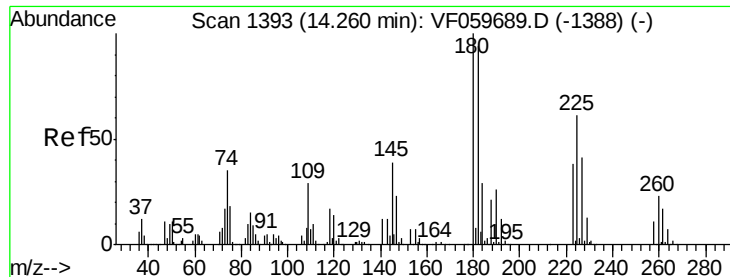


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

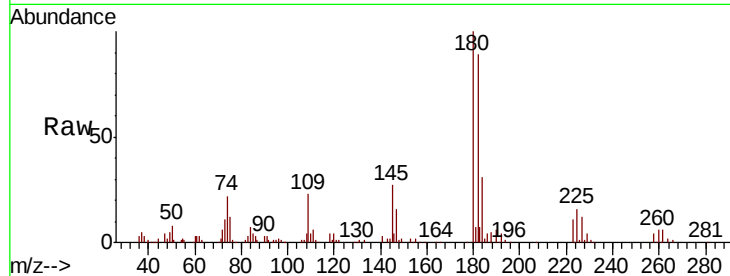




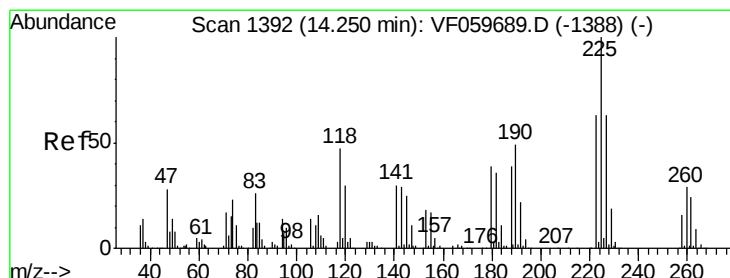
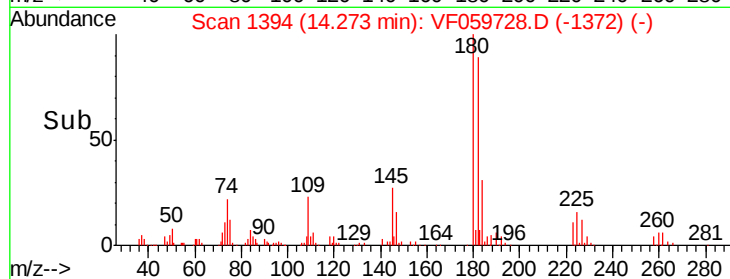
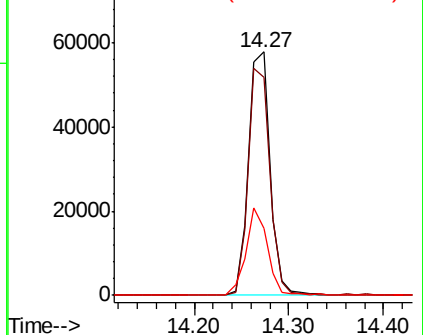
#93  
 1,2,4-Trichlorobenzene  
 Concen: 23.012 ug/l  
 RT: 14.27 min Scan# 1394  
 Delta R.T. 0.01 min  
 Lab File: VF059728.D  
 Acq: 1 Aug 2018 1:49

Instrument :  
 MSVOA\_F  
 ClientSampleId :

Tot Ion:180 Resp: 91650  
 Ion Ratio Lower Upper  
 180 100  
 182 89.3 47.2 141.6  
 145 27.4 19.3 57.9

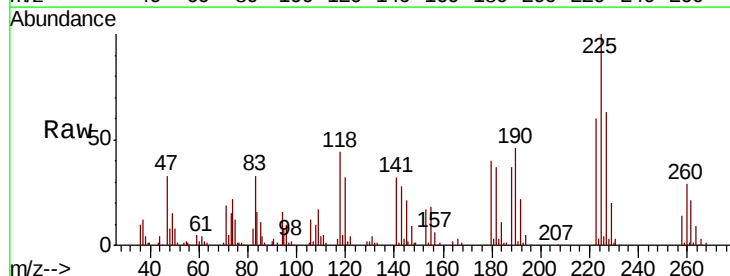


Abundance Ion 180.00 (179.70 to 180.70): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 145.00 (144.70 to 145.70): V

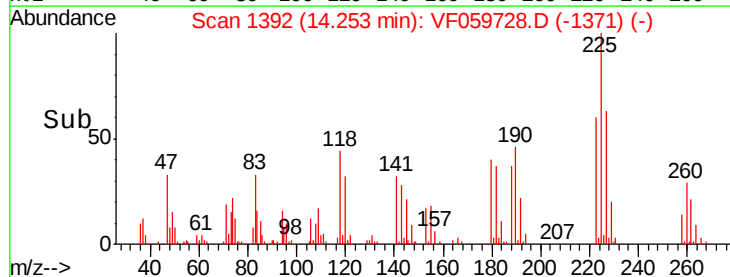
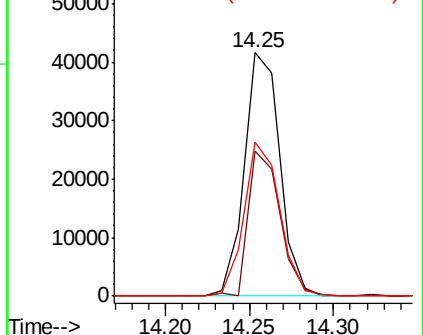


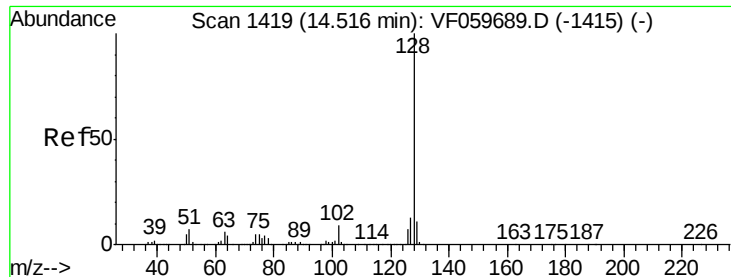
#94  
 Hexachlorobutadiene  
 Concen: 22.545 ug/l  
 RT: 14.25 min Scan# 1392  
 Delta R.T. 0.00 min  
 Lab File: VF059728.D  
 Acq: 1 Aug 2018 1:49

Tgt Ion:225 Resp: 60790  
 Ion Ratio Lower Upper  
 225 100  
 223 59.6 31.4 94.2  
 227 63.3 31.5 94.5



Abundance Ion 225.00 (224.70 to 225.70): V  
 Ion 223.00 (222.70 to 223.70): V  
 Ion 227.00 (226.70 to 227.70): V

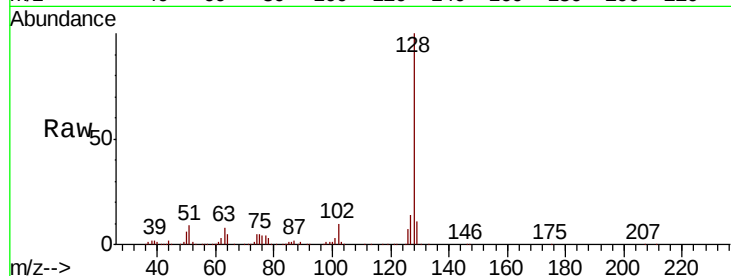




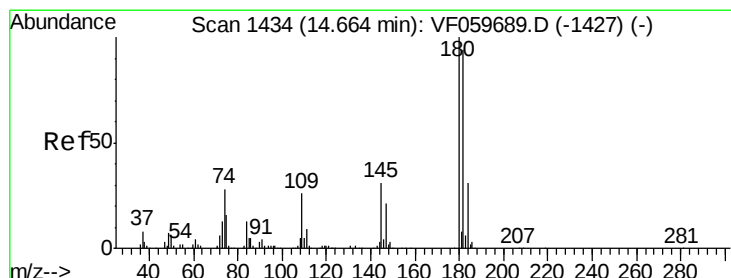
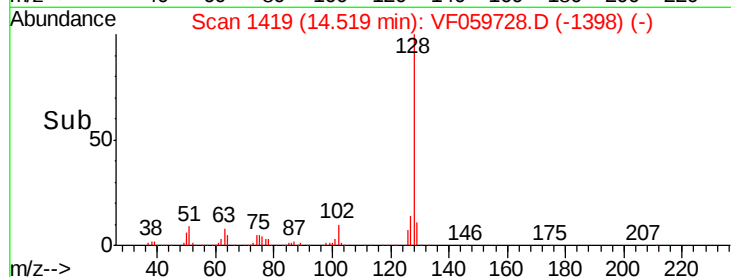
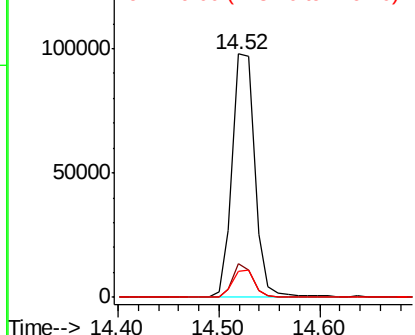
#95  
Naphthalene  
Concen: 21.686 ug/l  
RT: 14.52 min Scan# 1419  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Instrument :  
MSVOA\_F  
ClientSampled :

Tot Ion:128 Resp: 153705  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.0 15.0  
129 10.8 8.6 13.0

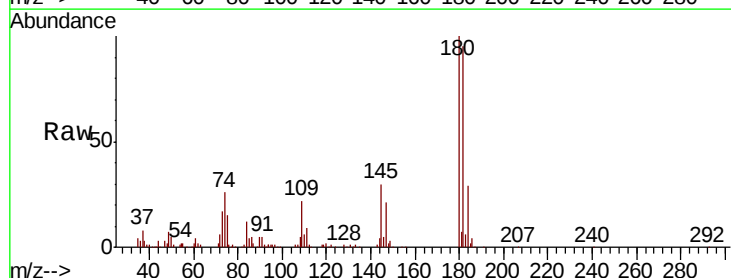


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 22.621 ug/l  
RT: 14.67 min Scan# 1434  
Delta R.T. 0.00 min  
Lab File: VF059728.D  
Acq: 1 Aug 2018 1:49

Tgt Ion:180 Resp: 88617  
Ion Ratio Lower Upper  
180 100  
182 94.7 47.2 141.6  
145 29.8 15.6 46.7



Abundance Ion 180.00 (179.70 to 180.70): V  
Ion 182.00 (181.70 to 182.70): V  
Ion 145.00 (144.70 to 145.70): V

