

Data File : VF059974.D  
Acq On : 16 Aug 2018 21:58  
Operator : VA/AP  
Sample : VSTDICC150  
Misc : 5.00g/5mL/MSVOA\_F/SOIL  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICC150

Quant Time: Aug 17 04:43:43 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F081618S.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 17 04:39:04 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.05  | 168  | 128191   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.77  | 114  | 191611   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.93  | 117  | 189121   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.64 | 152  | 129886   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |        |         |      |
|-----------------------------|--------|-----|----------|--------|---------|------|
| System Monitoring Compounds |        |     |          |        |         |      |
| 33) 1,2-Dichloroethane-d4   | 5.03   | 65  | 380738   | 163.02 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 326.04% |      |
| 35) Dibromofluoromethane    | 4.30   | 113 | 267617   | 137.45 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 274.90% |      |
| 50) Toluene-d8              | 7.72   | 98  | 618826   | 146.05 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 292.10% |      |
| 62) 4-Bromofluorobenzene    | 11.51  | 95  | 356490   | 148.57 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 297.14% |      |

|                               |      |     |         |          |        |     |
|-------------------------------|------|-----|---------|----------|--------|-----|
| Target Compounds              |      |     |         | Qvalue   |        |     |
| 2) Dichlorodifluoromethane    | 0.96 | 85  | 313694  | 162.040  | ug/l   | 99  |
| 3) Chloromethane              | 1.07 | 50  | 145970  | 176.794  | ug/l   | 96  |
| 4) Vinyl Chloride             | 1.12 | 62  | 174660  | 178.710  | ug/l   | 92  |
| 5) Bromomethane               | 1.32 | 94  | 158651  | 179.410  | ug/l   | 97  |
| 6) Chloroethane               | 1.39 | 64  | 86133   | 139.311  | ug/l   | 95  |
| 7) Trichlorofluoromethane     | 1.47 | 101 | 188865  | 68.019   | ug/l   | 100 |
| 8) Diethyl Ether              | 1.71 | 74  | 91857   | 220.687  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluoroet | 1.85 | 101 | 243417  | 169.332  | ug/l   | 94  |
| 10) Methyl Iodide             | 1.92 | 142 | 332265  | 154.806  | ug/l   | 95  |
| 11) Tert butyl alcohol        | 2.72 | 59  | 162709  | 1508.742 | ug/l   | 99  |
| 12) 1,1-Dichloroethene        | 1.82 | 96  | 173526  | 167.458  | ug/l   | 87  |
| 13) Acrolein                  | 2.10 | 56  | 85066   | 1519.258 | ug/l   | 96  |
| 14) Allyl chloride            | 2.19 | 41  | 287286  | 185.877  | ug/l   | 99  |
| 15) Acrylonitrile             | 3.08 | 53  | 251520  | 1505.796 | ug/l   | 95  |
| 16) Acetone                   | 2.36 | 43  | 650871  | 1212.046 | ug/l   | 98  |
| 17) Carbon Disulfide          | 1.83 | 76  | 514768  | 183.991  | ug/l   | 100 |
| 18) Methyl Acetate            | 2.46 | 43  | 263249  | 314.922  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether   | 2.54 | 73  | 651952  | 204.708  | ug/l   | 98  |
| 20) Methylene Chloride        | 2.28 | 84  | 191107  | 158.428  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene  | 2.41 | 96  | 176237  | 171.443  | ug/l   | 91  |
| 22) Diisopropyl ether         | 2.94 | 45  | 688704  | 193.765  | ug/l   | 99  |
| 23) Vinyl Acetate             | 3.34 | 43  | 1659340 | 968.216  | ug/l   | 99  |
| 24) 1,1-Dichloroethane        | 3.01 | 63  | 405463  | 163.328  | ug/l   | 99  |
| 25) 2-Butanone                | 4.52 | 43  | 594887  | 1179.228 | ug/l   | 99  |
| 26) 2,2-Dichloropropane       | 3.76 | 77  | 407571  | 235.663  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene    | 3.64 | 96  | 178458  | 161.856  | ug/l   | 98  |
| 28) Bromochloromethane        | 3.89 | 49  | 120482  | 138.358  | ug/l   | 89  |
| 29) Tetrahydrofuran           | 4.27 | 42  | 223879  | 1263.707 | ug/l   | 97  |
| 30) Chloroform                | 4.04 | 83  | 496973  | 151.843  | ug/l   | 98  |
| 31) Cyclohexane               | 3.85 | 56  | 193046  | 164.917  | ug/l   | 88  |
| 32) 1,1,1-Trichloroethane     | 4.28 | 97  | 472300  | 170.635  | ug/l   | 97  |
| 36) 1,1-Dichloropropene       | 4.46 | 75  | 296056  | 139.478  | ug/l   | 98  |
| 37) Ethyl Acetate             | 4.30 | 43  | 232122  | 224.055  | ug/l # | 83  |
| 38) Carbon Tetrachloride      | 4.17 | 117 | 417761  | 121.225  | ug/l   | 92  |

Data File : VF059974.D  
Acq On : 16 Aug 2018 21:58  
Operator : VA/AP  
Sample : VSTDICC150  
Misc : 5.00g/5mL/MSVOA\_F/SOIL  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICC150

Quant Time: Aug 17 04:43:43 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F081618S.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 17 04:39:04 2018  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 5.63  | 83   | 227274   | 147.591  | ug/l   | 96       |
| 40) Benzene                    | 4.81  | 78   | 516450   | 144.762  | ug/l   | 98       |
| 41) Methacrylonitrile          | 4.93  | 41   | 111589   | 226.273  | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 5.12  | 62   | 451632   | 153.887  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 7.12  | 43   | 275015   | 243.044  | ug/l # | 98       |
| 44) Trichloroethene            | 5.68  | 130  | 191277   | 138.289  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 6.41  | 63   | 152177   | 157.233  | ug/l   | 98       |
| 46) Dibromomethane             | 6.26  | 93   | 171599   | 174.978  | ug/l   | 96       |
| 47) Bromodichloromethane       | 6.55  | 83   | 408602   | 148.443  | ug/l # | 99       |
| 48) Methyl methacrylate        | 6.88  | 41   | 195444   | 235.160  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 6.88  | 88   | 40043    | 5969.172 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone       | 8.42  | 43   | 1151570  | 1071.209 | ug/l   | 97       |
| 52) Toluene                    | 7.79  | 92   | 386793   | 144.801  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 368062   | 161.048  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 7.46  | 75   | 339863   | 157.142  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 8.64  | 97   | 175622   | 181.714  | ug/l   | 94       |
| 56) Ethyl methacrylate         | 8.77  | 69   | 233414   | 215.966  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 9.01  | 76   | 318816   | 180.072  | ug/l   | 94       |
| 58) 2-Chloroethyl Vinyl ether  | 7.79  | 63   | 92400    | 701.595  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.64  | 43   | 946129   | 1170.881 | ug/l   | 95       |
| 60) Dibromochloromethane       | 8.87  | 129  | 320488   | 170.806  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.14  | 107  | 241112   | 197.145  | ug/l   | 99       |
| 64) Tetrachloroethene          | 8.31  | 164  | 210586   | 143.379  | ug/l   | 98       |
| 65) Chlorobenzene              | 9.95  | 112  | 508338   | 139.292  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.07 | 131  | 249327   | 141.638  | ug/l   | 100      |
| 67) Ethyl Benzene              | 10.04 | 91   | 943760   | 146.009  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.28 | 106  | 638279   | 293.041  | ug/l   | 87       |
| 69) o-Xylene                   | 10.83 | 106  | 349094   | 147.840  | ug/l   | 98       |
| 70) Styrene                    | 10.91 | 104  | 526557   | 148.629  | ug/l   | 98       |
| 71) Bromoform                  | 10.89 | 173  | 225792   | 194.320  | ug/l # | 96       |
| 73) Isopropylbenzene           | 11.24 | 105  | 1087274  | 135.391  | ug/l   | 100      |
| 74) N-amyl acetate             | 11.47 | 43   | 421813   | 216.709  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.79 | 83   | 264853   | 182.147  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.89 | 75   | 239291   | 189.789  | ug/l   | 98       |
| 77) Bromobenzene               | 11.60 | 156  | 301886   | 140.749  | ug/l   | 95       |
| 78) n-propylbenzene            | 11.69 | 91   | 1257363  | 132.827  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.82 | 91   | 774653   | 130.207  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.92 | 105  | 959304   | 128.161  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.97 | 75   | 135294   | 256.546  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.00 | 91   | 892495   | 135.545  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.22 | 119  | 894399   | 122.076  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 12.29 | 105  | 1008828  | 134.071  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 12.39 | 105  | 1156814  | 124.097  | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 12.55 | 119  | 1059242  | 128.520  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.57 | 146  | 530034   | 130.999  | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene        | 12.66 | 146  | 551493   | 138.834  | ug/l   | 96       |
| 89) n-Butylbenzene             | 12.92 | 91   | 1024092  | 128.403  | ug/l   | 96       |
| 90) Hexachloroethane           | 13.00 | 117  | 255783   | 126.528  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene        | 13.02 | 146  | 541578   | 136.514  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.72 | 75   | 91346    | 222.778  | ug/l   | 87       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_F\DATA\VF081618\  
Quantitation Report (Not Reviewed)

Data File : VF059974.D  
Acq On : 16 Aug 2018 21:58  
Operator : VA/AP  
Sample : VSTDICC150  
Misc : 5.00g/5mL/MSVOA\_F/SOIL  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICC150

Quant Time: Aug 17 04:43:43 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F081618S.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 17 04:39:04 2018  
Response via : Initial Calibration

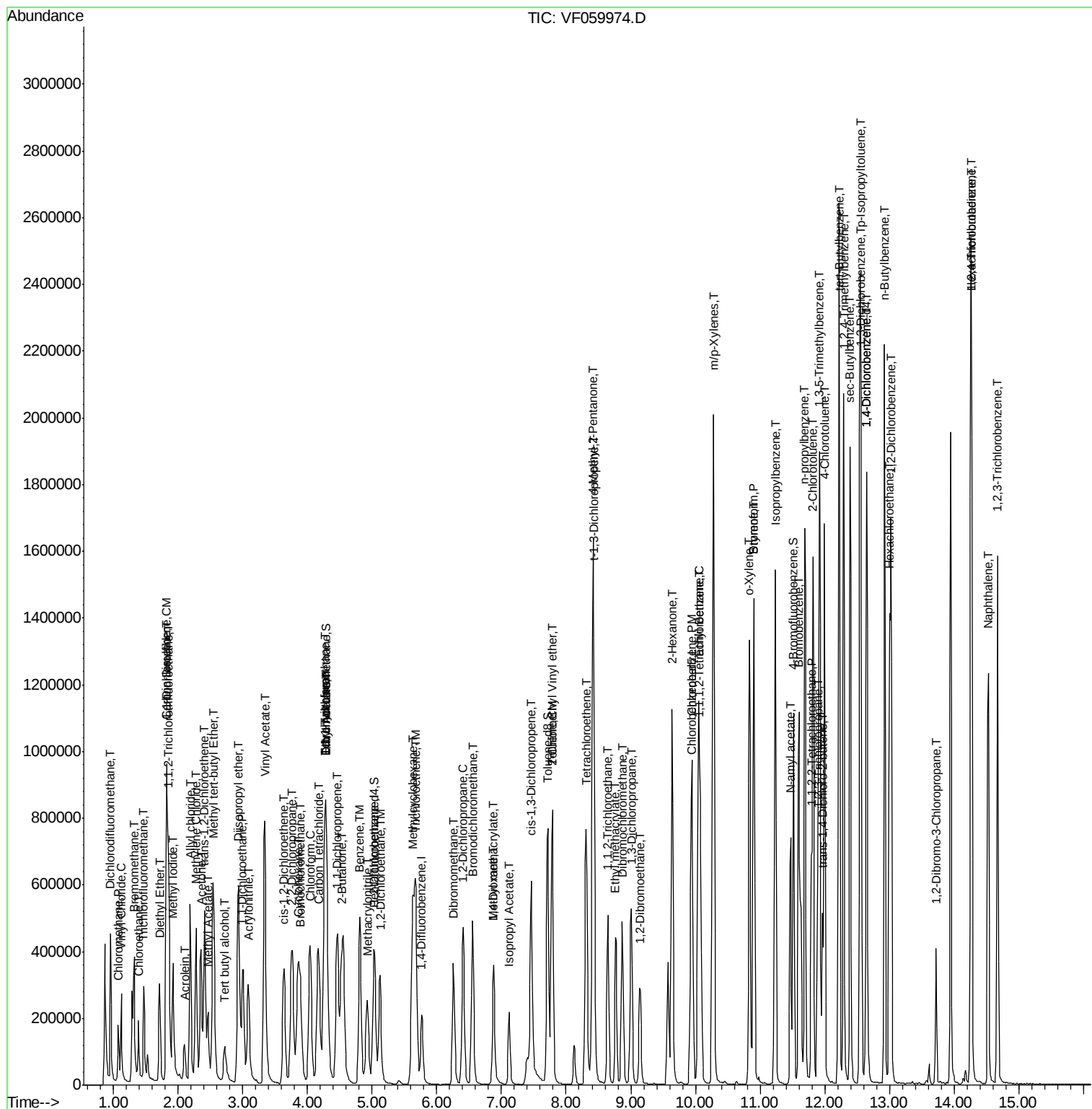
| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.27 | 180  | 412209   | 130.840 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.26 | 225  | 264718   | 119.689 | ug/l  | 98       |
| 95) Naphthalene            | 14.53 | 128  | 926946   | 175.362 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.67 | 180  | 436280   | 143.992 | ug/l  | 98       |

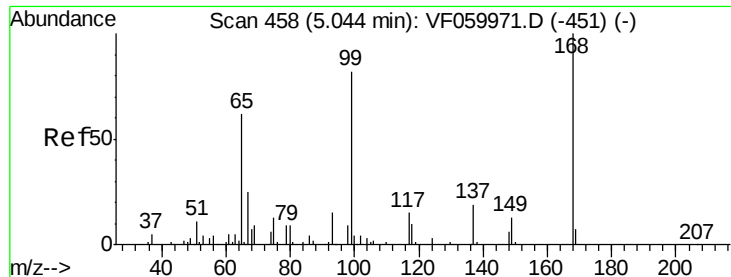
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VF059974.D  
Acq On : 16 Aug 2018 21:58  
Operator : VA/AP  
Sample : VSTDIC150  
Misc : 5.00g/5mL/MSVOA\_F/SOIL  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
Client Sample Id :  
VSTDIC150

Quant Time: Aug 17 04:43:43 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F081618S.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 17 04:39:04 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

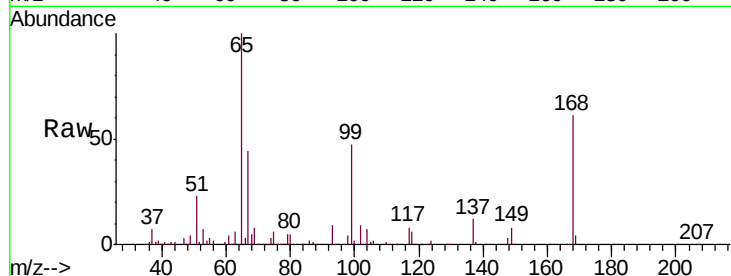
VSTDIC150

Tgt Ion:168 Resp: 128191

Ion Ratio Lower Upper

168 100

99 77.0 65.7 98.5



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

40000

30000

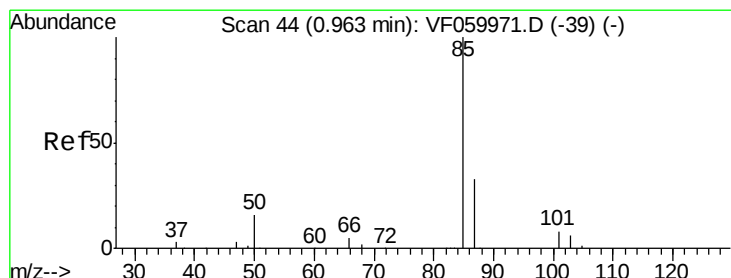
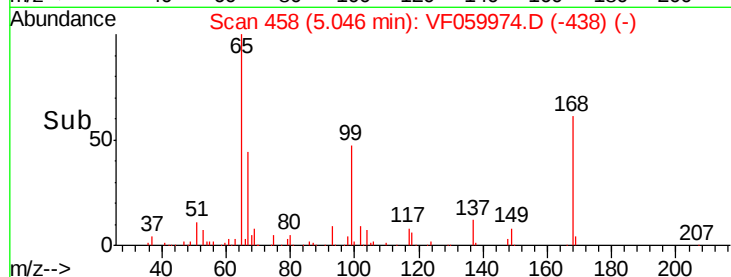
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#2

Dichlorodifluoromethane

Concen: 162.040 ug/l

RT: 0.96 min Scan# 43

Delta R.T. -0.01 min

Lab File: VF059974.D

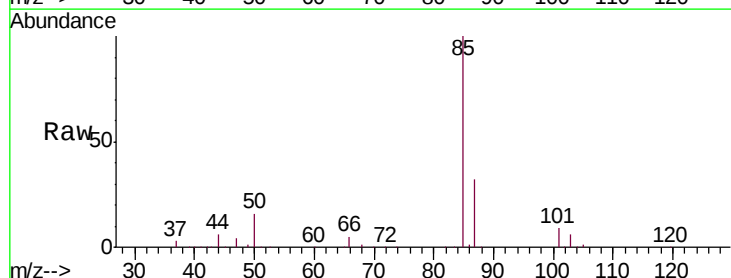
Acq: 16 Aug 2018 21:58

Tgt Ion: 85 Resp: 313694

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.4



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.96

250000

200000

150000

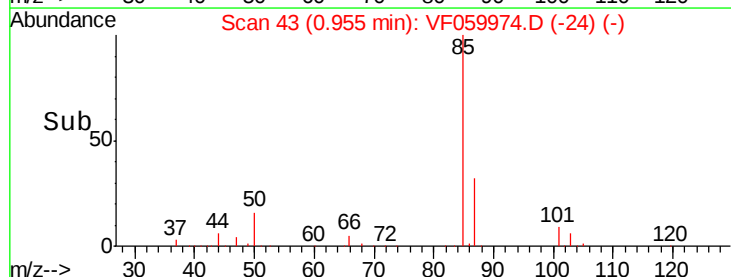
100000

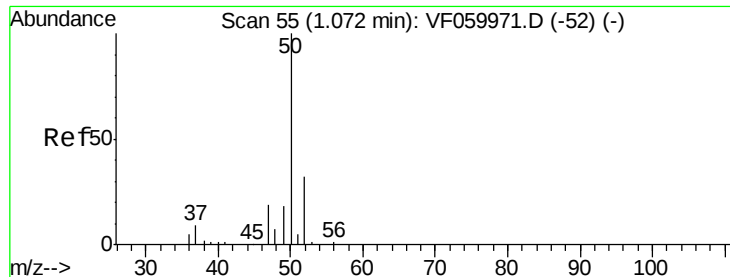
50000

0

0.90 1.00 1.10

Time-->





#3

Chloromethane

Concen: 176.794 ug/l

RT: 1.07 min Scan# 55

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

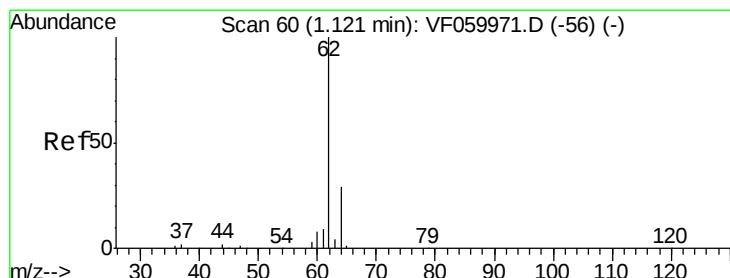
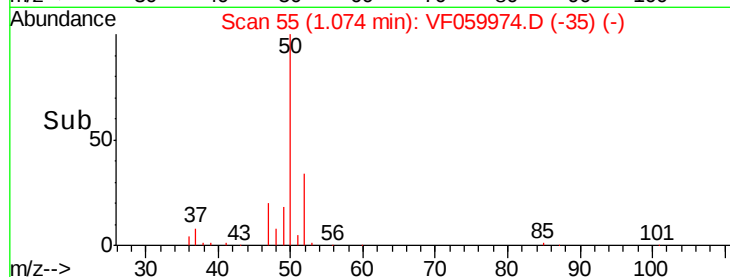
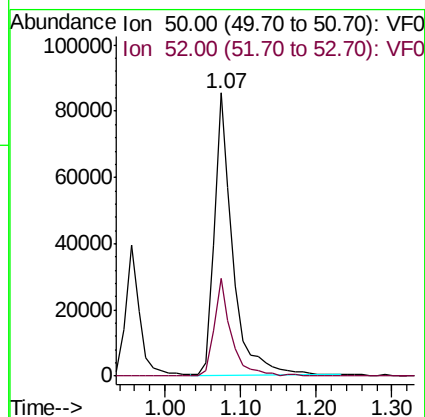
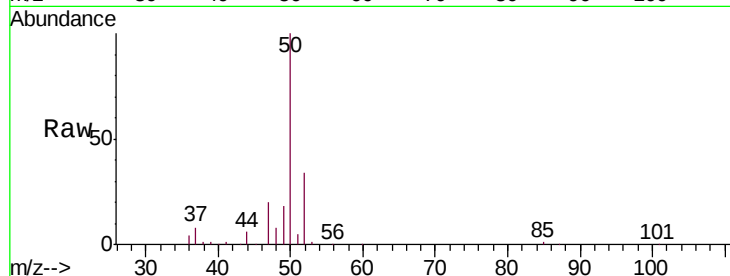
VSTDIC150

Tgt Ion: 50 Resp: 145970

Ion Ratio Lower Upper

50 100

52 34.4 25.7 38.5



#4

Vinyl Chloride

Concen: 178.710 ug/l

RT: 1.12 min Scan# 60

Delta R.T. 0.00 min

Lab File: VF059974.D

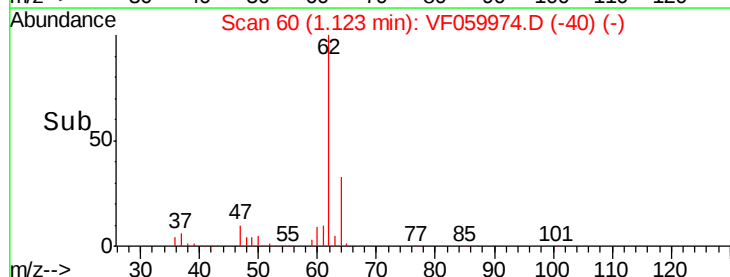
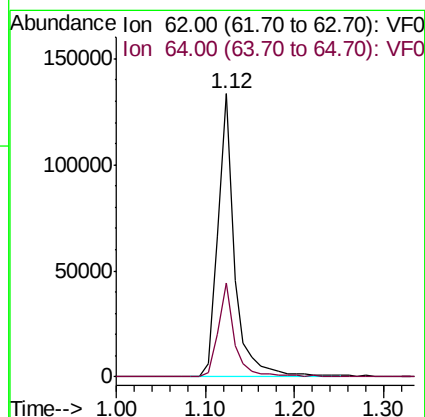
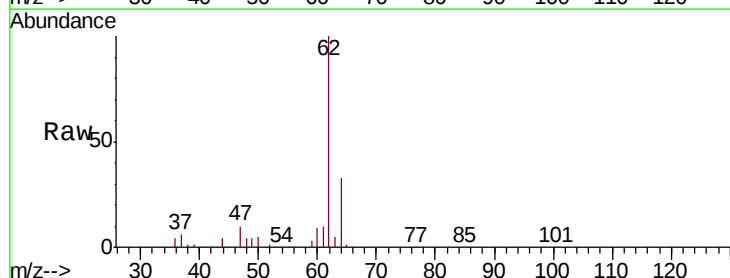
Acq: 16 Aug 2018 21:58

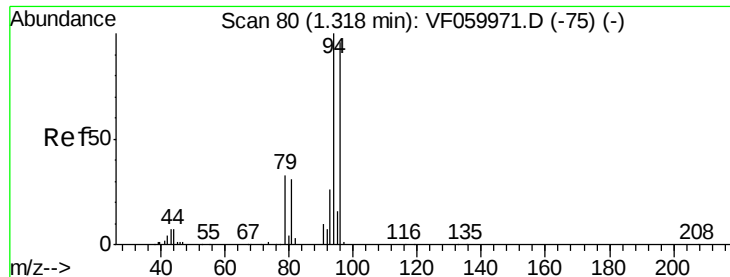
Tgt Ion: 62 Resp: 174660

Ion Ratio Lower Upper

62 100

64 33.3 23.1 34.7





#5

Bromomethane

Concen: 179.410 ug/l

RT: 1.32 min Scan# 80

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

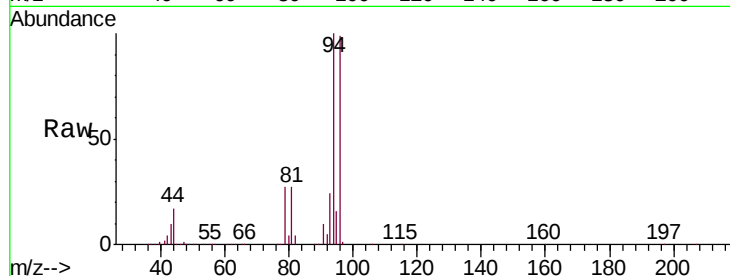
VSTDICC150

Tgt Ion: 94 Resp: 158651

Ion Ratio Lower Upper

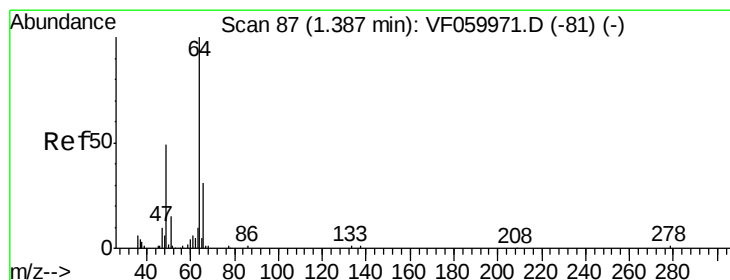
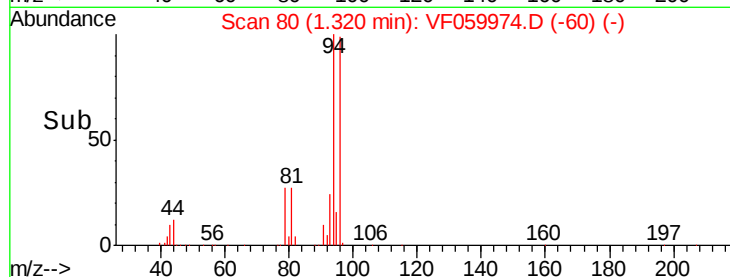
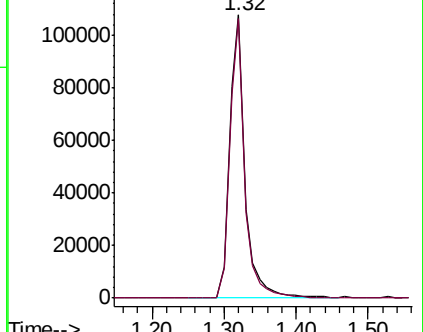
94 100

96 98.6 76.7 115.1



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 139.311 ug/l

RT: 1.39 min Scan# 87

Delta R.T. 0.00 min

Lab File: VF059974.D

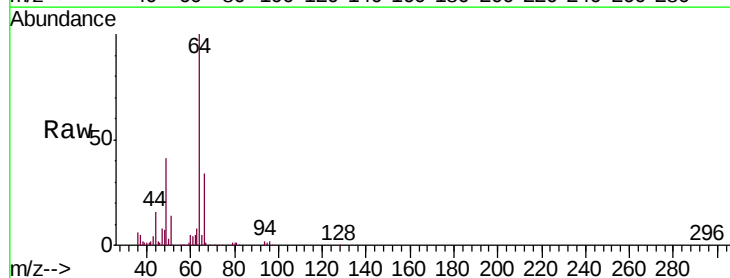
Acq: 16 Aug 2018 21:58

Tgt Ion: 64 Resp: 86133

Ion Ratio Lower Upper

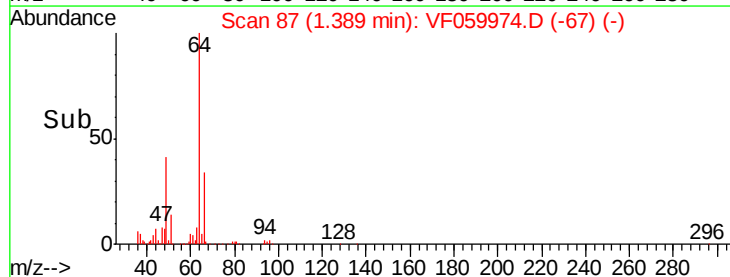
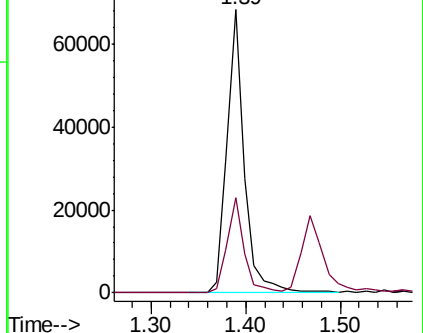
64 100

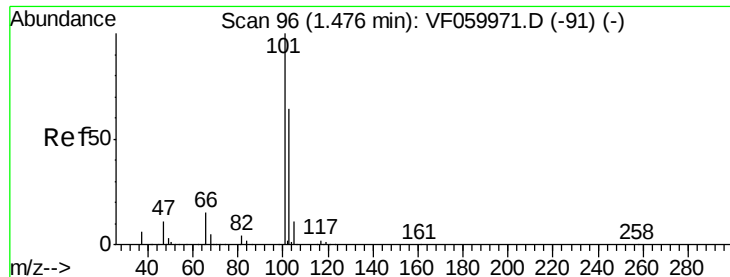
66 33.8 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#7

Trichlorofluoromethane

Concen: 68.019 ug/l

RT: 1.47 min Scan# 95

Delta R.T. -0.01 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

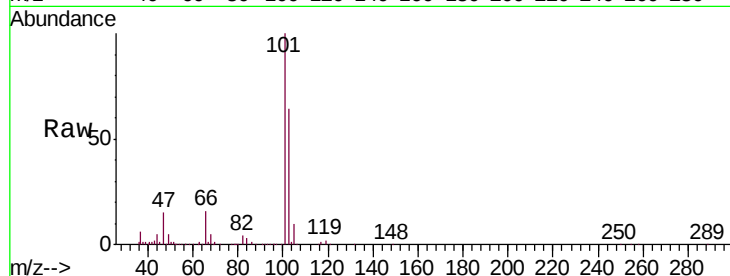
VSTDIC150

Tgt Ion:101 Resp: 188865

Ion Ratio Lower Upper

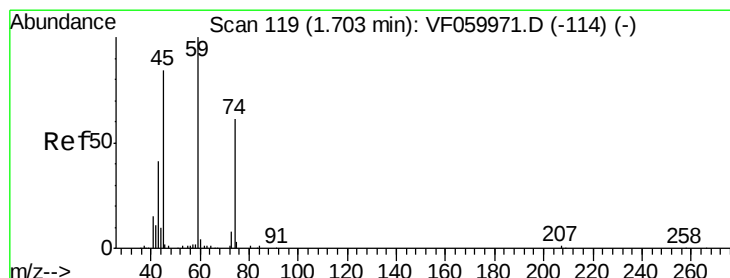
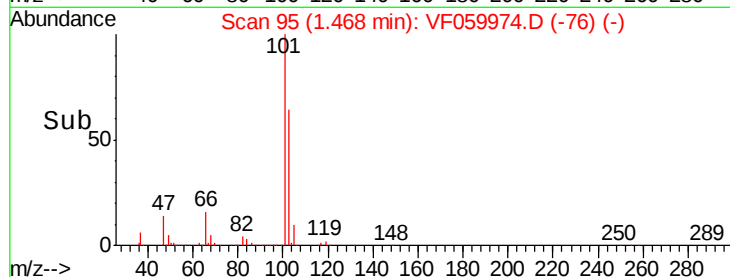
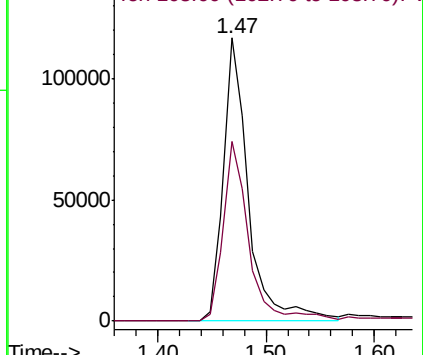
101 100

103 63.5 50.9 76.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 220.687 ug/l

RT: 1.71 min Scan# 120

Delta R.T. 0.01 min

Lab File: VF059974.D

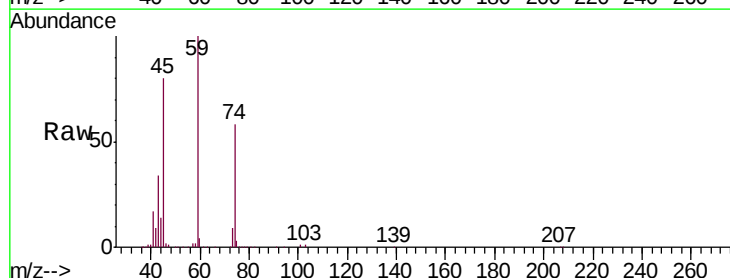
Acq: 16 Aug 2018 21:58

Tgt Ion: 74 Resp: 91857

Ion Ratio Lower Upper

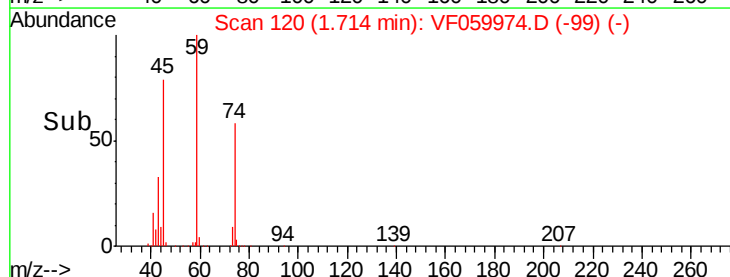
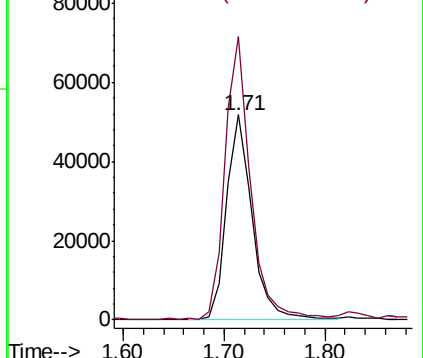
74 100

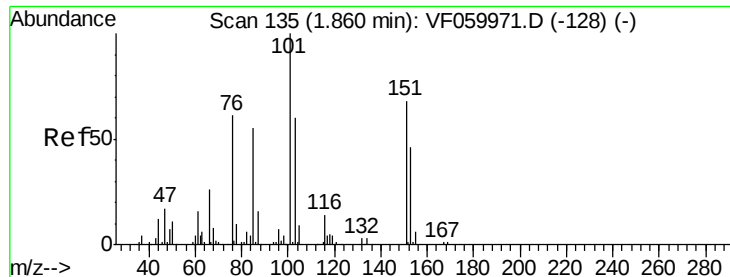
45 138.1 69.8 209.4



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 169.332 ug/l

RT: 1.85 min Scan# 134

Delta R.T. -0.01 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

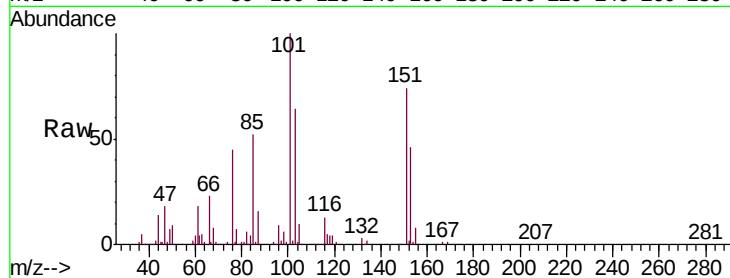
Tgt Ion:101 Resp: 243417

Ion Ratio Lower Upper

101 100

85 51.6 44.2 66.4

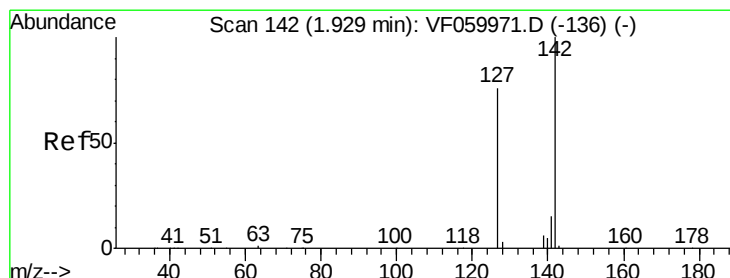
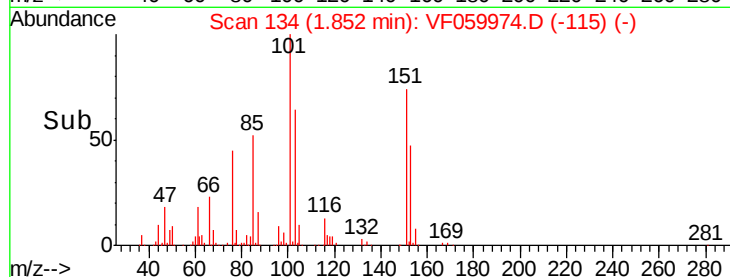
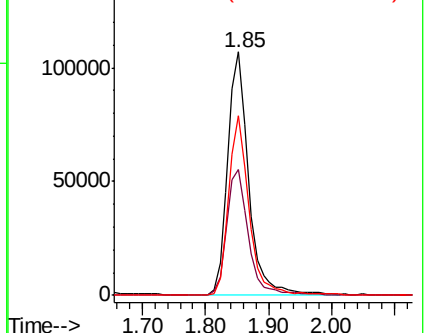
151 73.7 54.5 81.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 154.806 ug/l

RT: 1.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

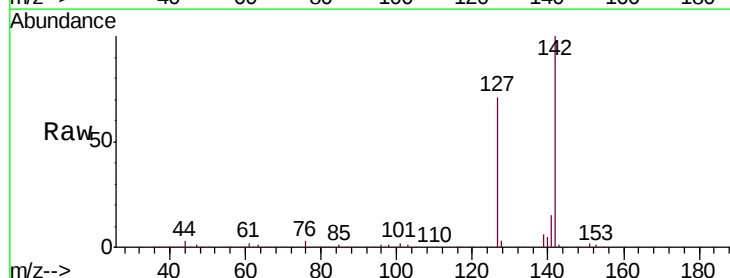
Tgt Ion:142 Resp: 332265

Ion Ratio Lower Upper

142 100

127 70.9 61.0 91.6

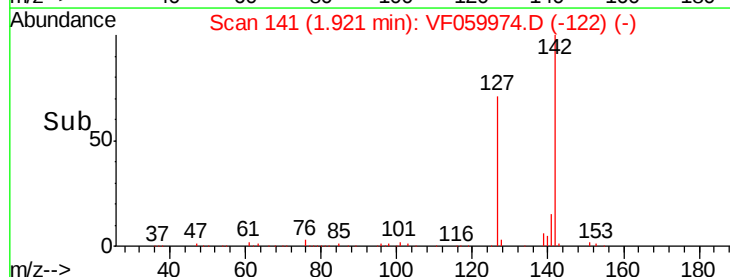
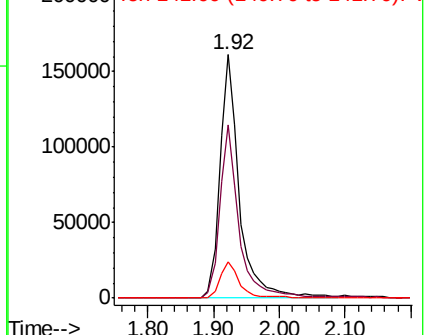
141 15.0 12.1 18.1

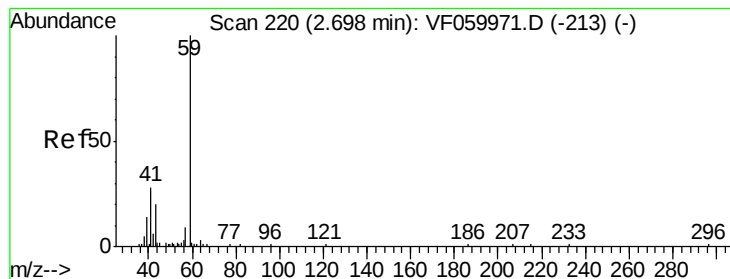


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



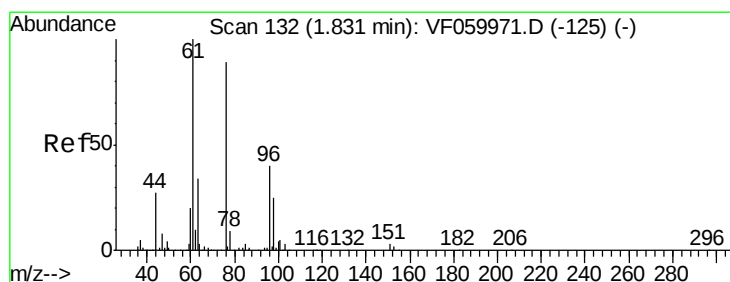
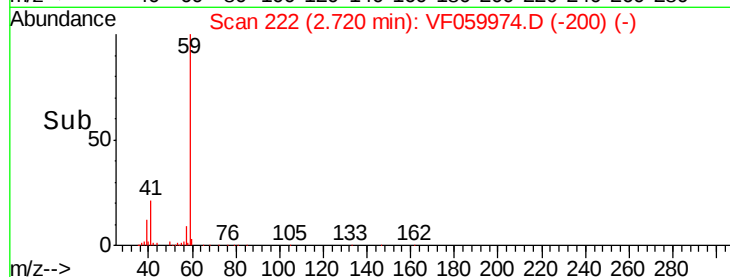
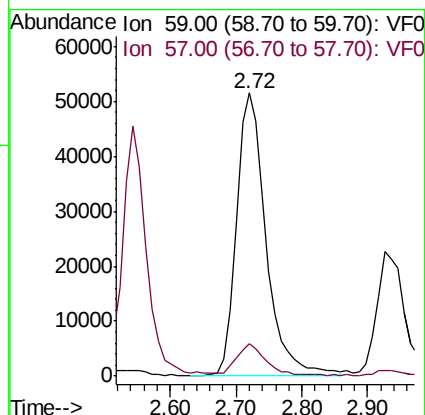
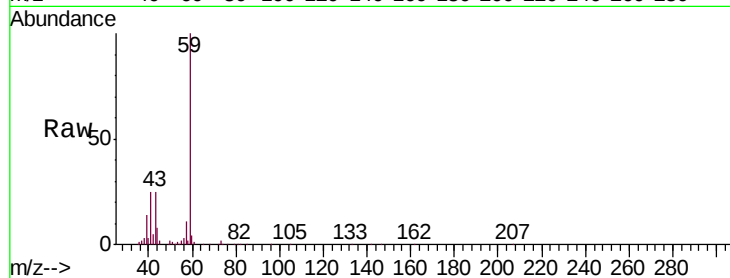


#11

Tert butyl alcohol  
 Concen: 1508.742 ug/l  
 RT: 2.72 min Scan# 222  
 Delta R.T. 0.02 min  
 Lab File: VF059974.D  
 Acq: 16 Aug 2018 21:58

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

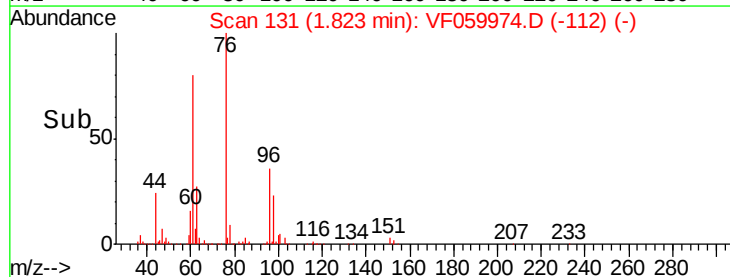
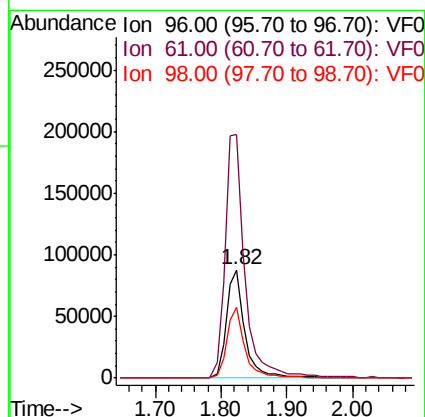
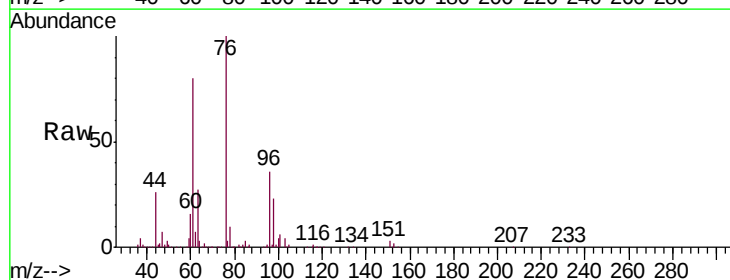
Tgt Ion: 59 Resp: 162709  
 Ion Ratio Lower Upper  
 59 100  
 57 11.4 8.8 13.2

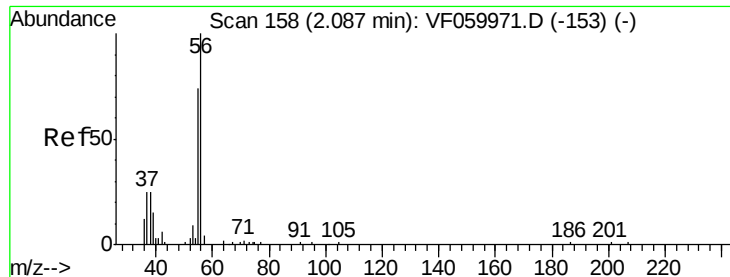


#12

1,1-Dichloroethene  
 Concen: 167.458 ug/l  
 RT: 1.82 min Scan# 131  
 Delta R.T. -0.01 min  
 Lab File: VF059974.D  
 Acq: 16 Aug 2018 21:58

Tgt Ion: 96 Resp: 173526  
 Ion Ratio Lower Upper  
 96 100  
 61 224.3 200.0 300.0  
 98 65.2 49.8 74.8





#13

Acrolein

Concen: 1519.258 ug/l

RT: 2.10 min Scan# 159

Delta R.T. 0.01 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

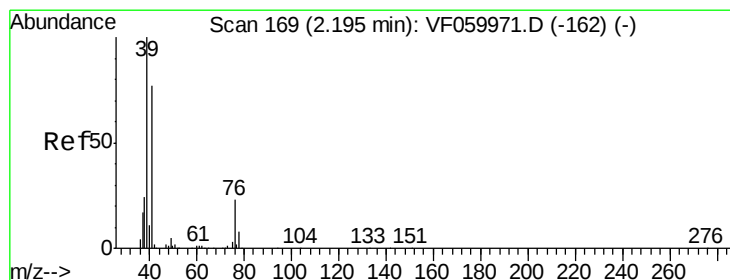
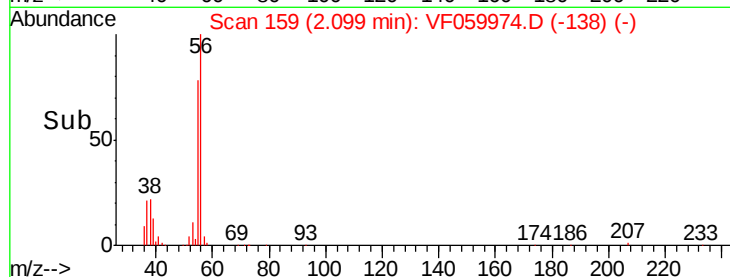
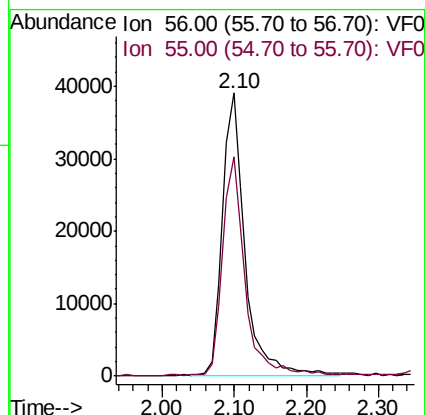
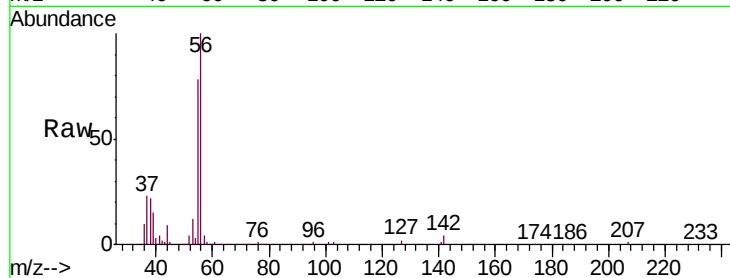
VSTDIC150

Tgt Ion: 56 Resp: 85066

Ion Ratio Lower Upper

56 100

55 77.6 59.2 88.8



#14

Allyl chloride

Concen: 185.877 ug/l

RT: 2.19 min Scan# 168

Delta R.T. -0.01 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

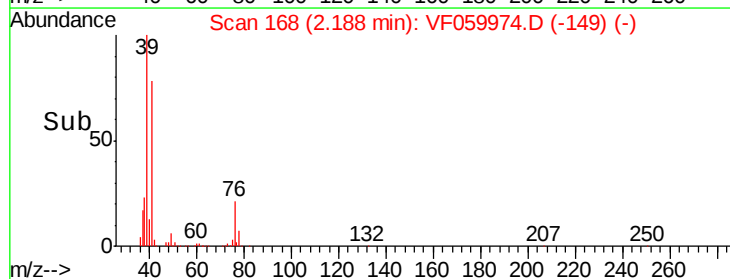
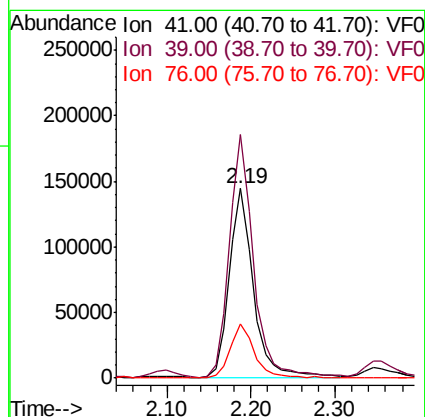
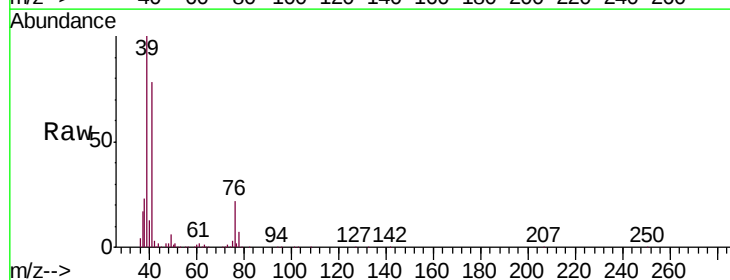
Tgt Ion: 41 Resp: 287286

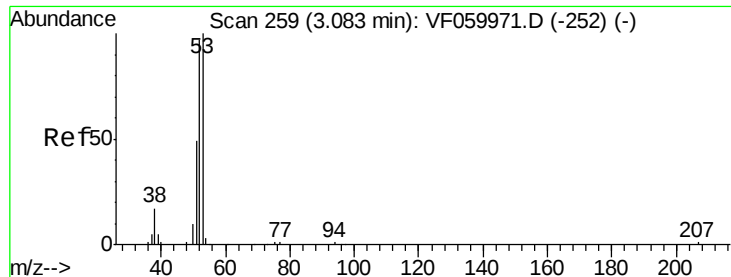
Ion Ratio Lower Upper

41 100

39 128.4 103.6 155.4

76 28.3 23.5 35.3





#15

Acrylonitrile

Concen: 1505.796 ug/l

RT: 3.08 min Scan# 259

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

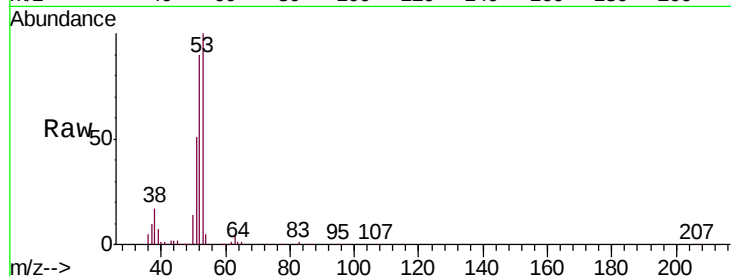
Tgt Ion: 53 Resp: 251520

Ion Ratio Lower Upper

53 100

52 90.1 77.6 116.4

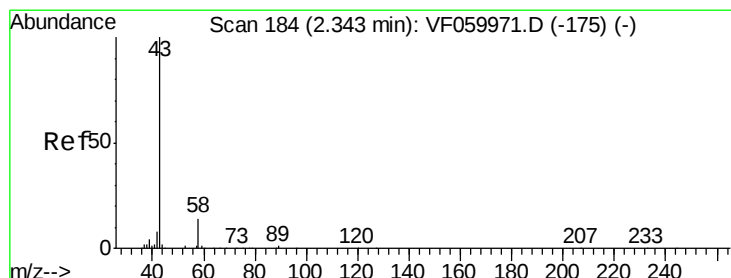
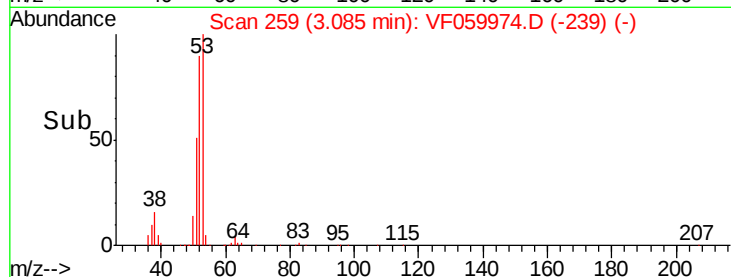
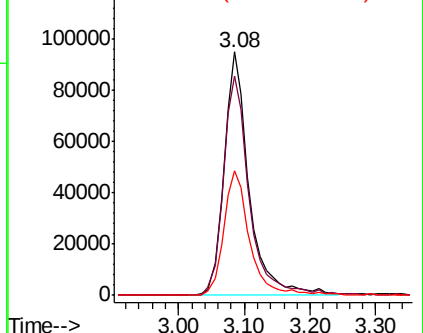
51 51.2 40.2 60.2



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: 1212.046 ug/l

RT: 2.36 min Scan# 185

Delta R.T. 0.01 min

Lab File: VF059974.D

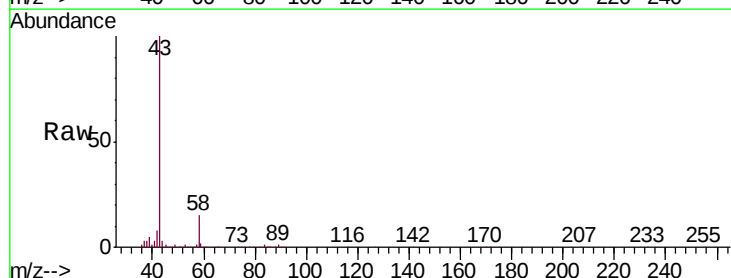
Acq: 16 Aug 2018 21:58

Tgt Ion: 43 Resp: 650871

Ion Ratio Lower Upper

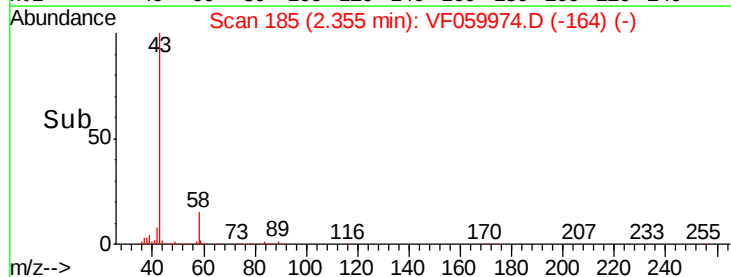
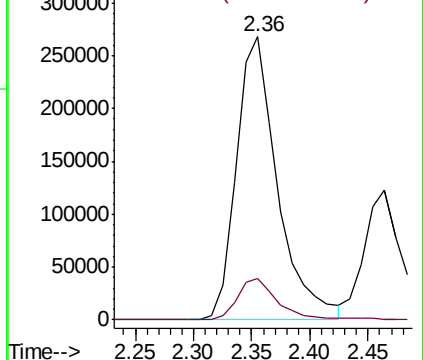
43 100

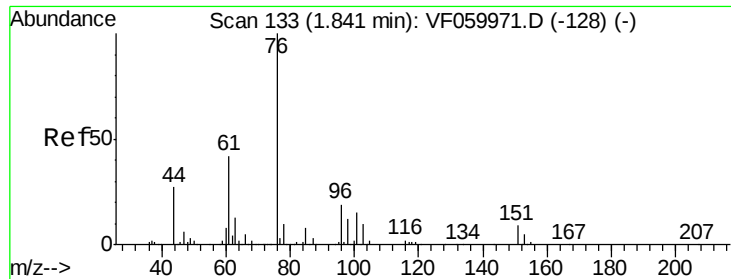
58 14.6 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

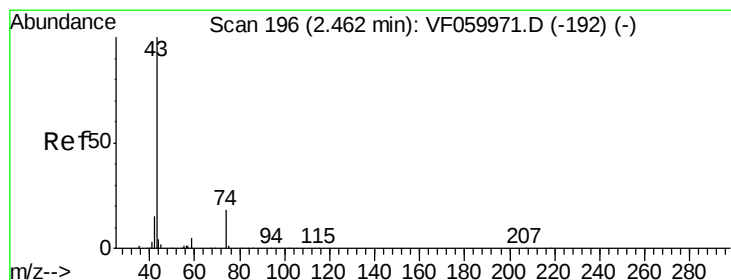
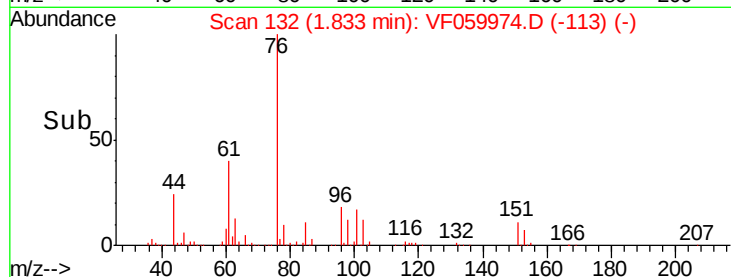
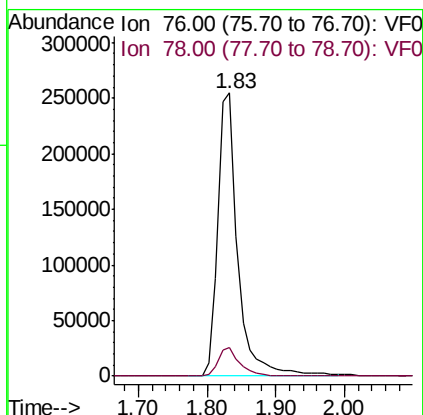
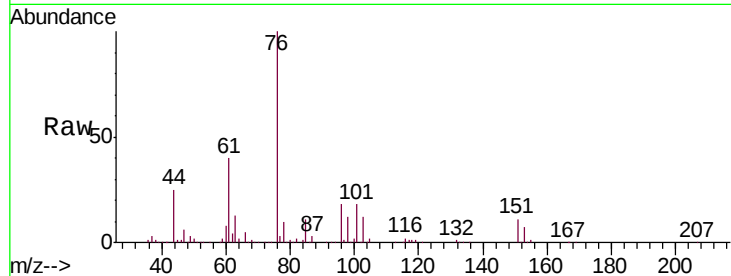




#17  
Carbon Disulfide  
Concen: 183.991 ug/l  
RT: 1.83 min Scan# 132  
Delta R.T. -0.01 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

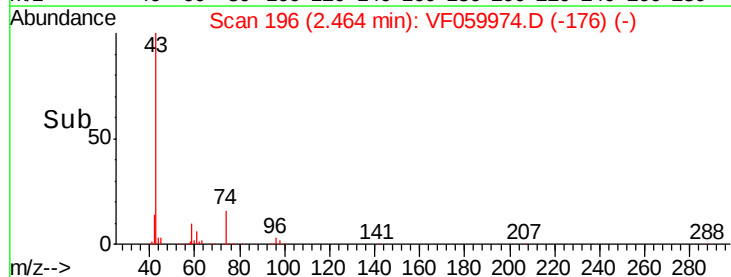
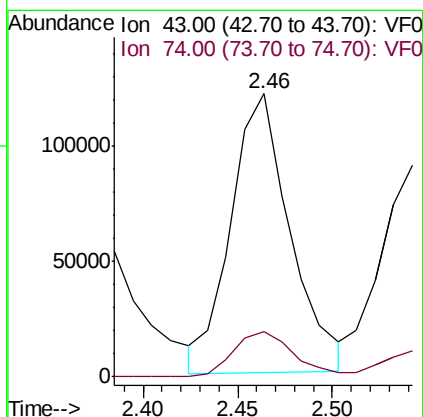
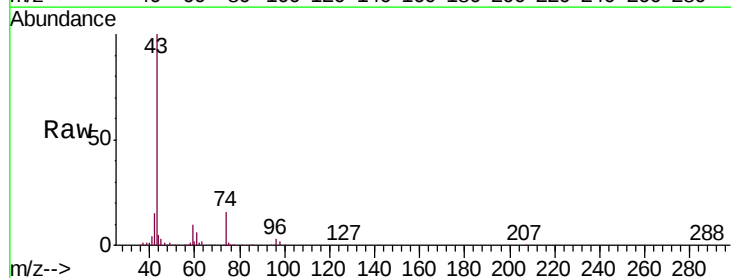
Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

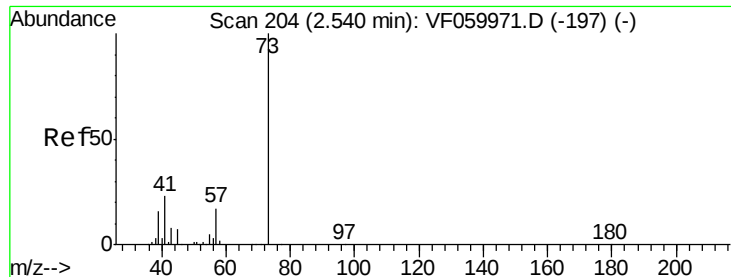
Tgt Ion: 76 Resp: 514768  
Ion Ratio Lower Upper  
76 100  
78 10.0 8.0 12.0



#18  
Methyl Acetate  
Concen: 314.922 ug/l  
RT: 2.46 min Scan# 196  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

Tgt Ion: 43 Resp: 263249  
Ion Ratio Lower Upper  
43 100  
74 16.1 13.2 19.8



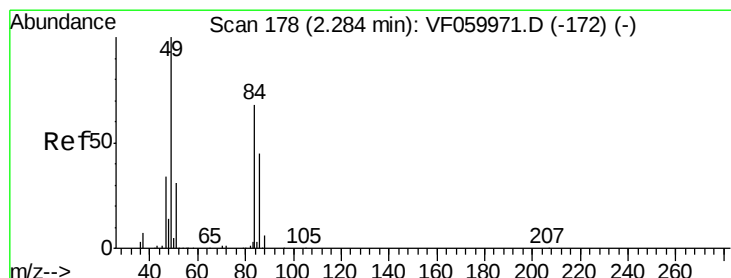
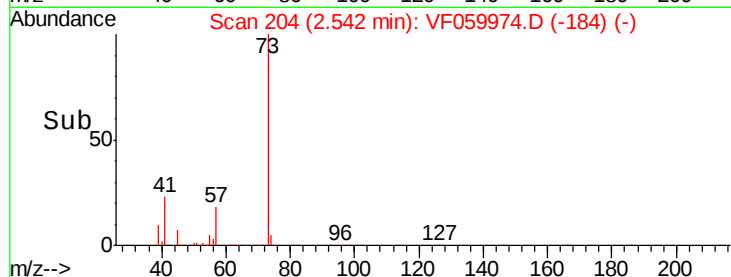
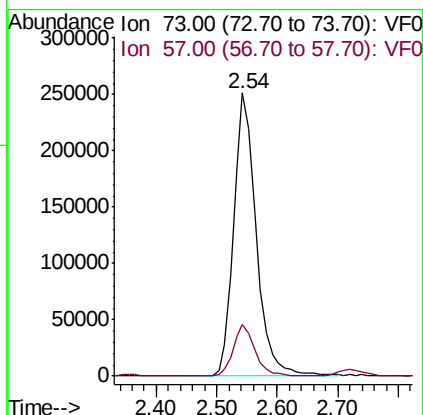
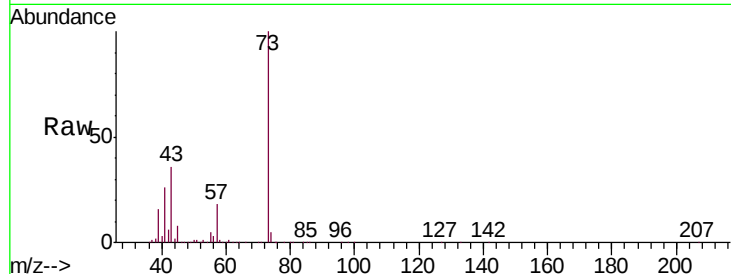


#19

Methyl tert-butyl Ether  
 Concen: 204.708 ug/l  
 RT: 2.54 min Scan# 204  
 Delta R.T. 0.00 min  
 Lab File: VF059974.D  
 Acq: 16 Aug 2018 21:58

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

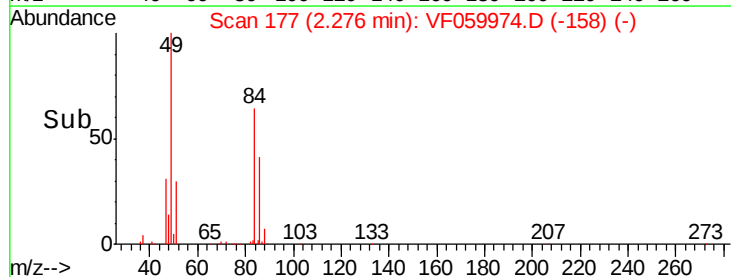
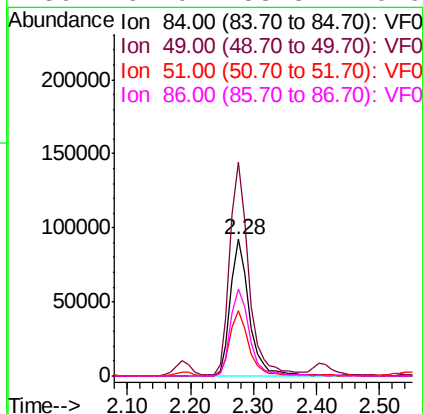
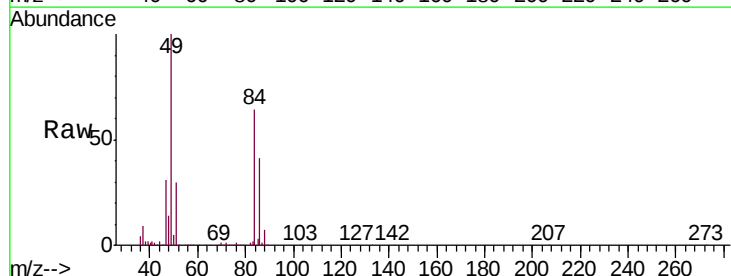
Tgt Ion: 73 Resp: 651952  
 Ion Ratio Lower Upper  
 73 100  
 57 18.1 13.7 20.5

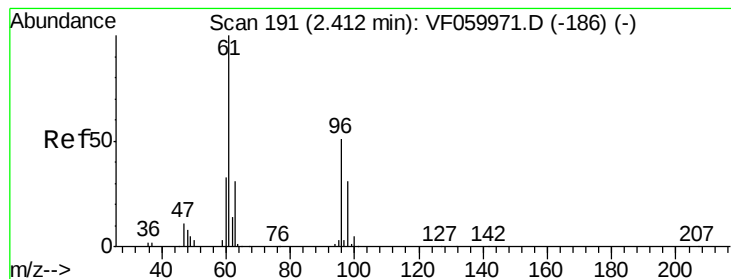


#20

Methylene Chloride  
 Concen: 158.428 ug/l  
 RT: 2.28 min Scan# 177  
 Delta R.T. -0.01 min  
 Lab File: VF059974.D  
 Acq: 16 Aug 2018 21:58

Tgt Ion: 84 Resp: 191107  
 Ion Ratio Lower Upper  
 84 100  
 49 156.6 118.2 177.2  
 51 47.7 36.3 54.5  
 86 64.0 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 171.443 ug/l

RT: 2.41 min Scan# 191

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

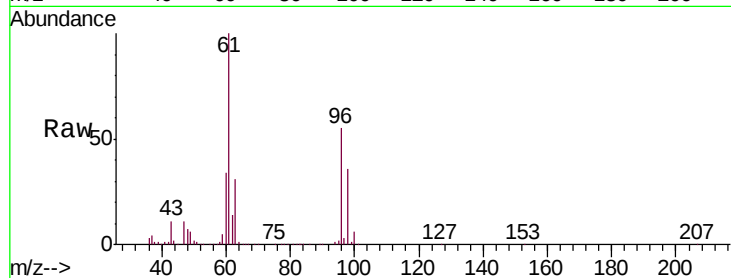
Tgt Ion: 96 Resp: 176237

Ion Ratio Lower Upper

96 100

61 180.4 156.9 235.3

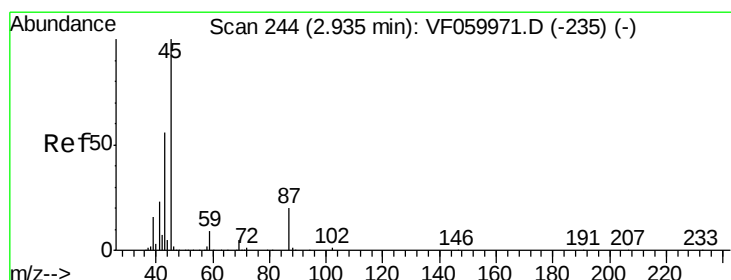
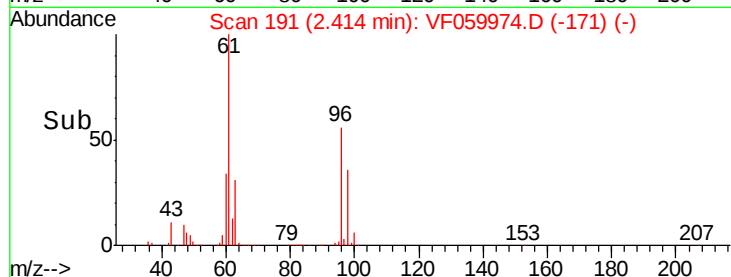
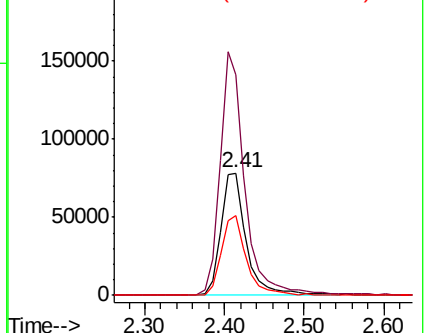
98 65.3 48.6 73.0



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



#22

Diisopropyl ether

Concen: 193.765 ug/l

RT: 2.94 min Scan# 244

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Tgt Ion: 45 Resp: 688704

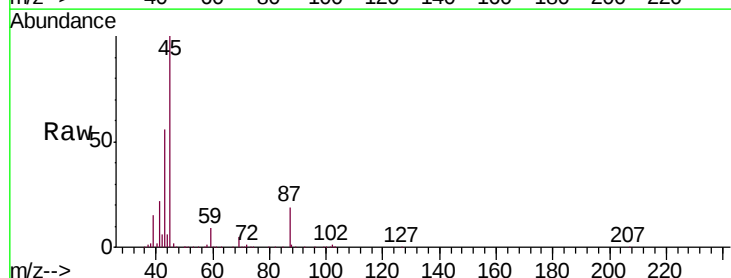
Ion Ratio Lower Upper

45 100

43 55.5 44.9 67.3

87 19.2 15.8 23.6

59 9.0 7.8 11.6

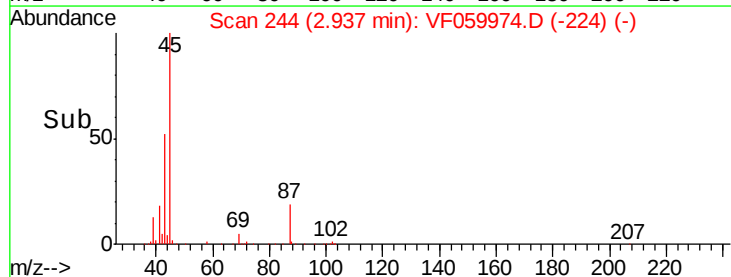
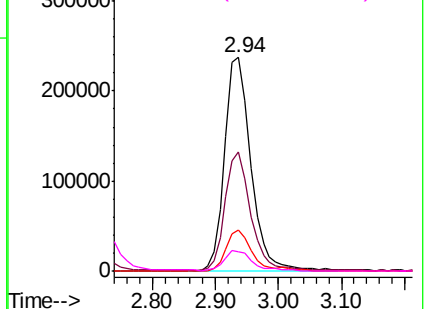


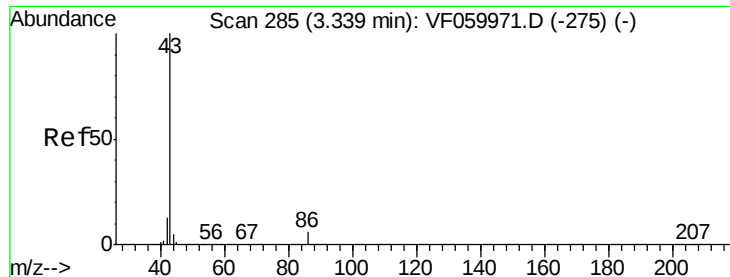
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 968.216 ug/l

RT: 3.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

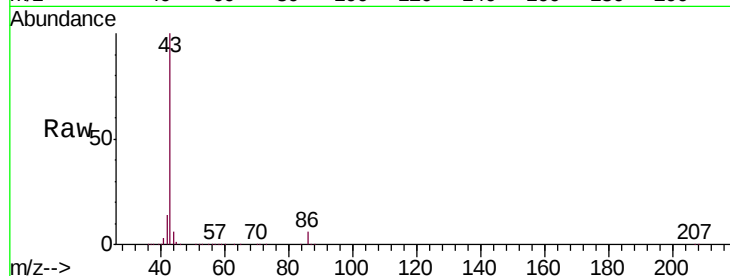
VSTDIC150

Tgt Ion: 43 Resp: 1659340

Ion Ratio Lower Upper

43 100

86 6.0 4.5 6.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3.34

600000

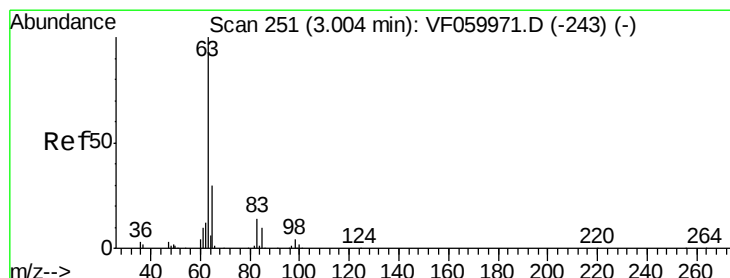
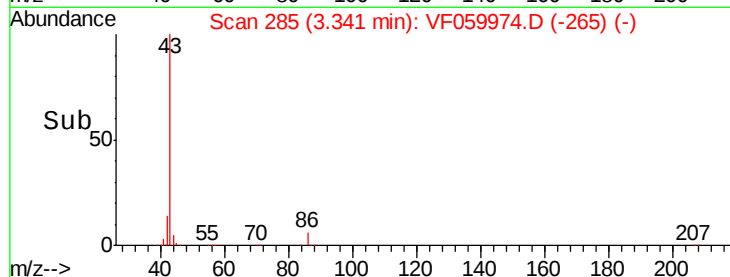
400000

200000

0

Time-->

3.20 3.30 3.40 3.50



#24

1,1-Dichloroethane

Concen: 163.328 ug/l

RT: 3.01 min Scan# 251

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

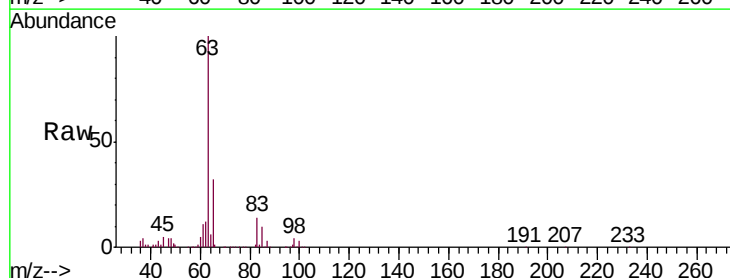
Tgt Ion: 63 Resp: 405463

Ion Ratio Lower Upper

63 100

98 4.0 1.8 5.4

100 2.5 1.1 3.1



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

3.01

200000

150000

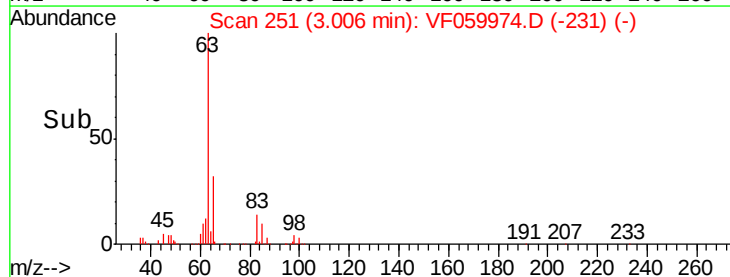
100000

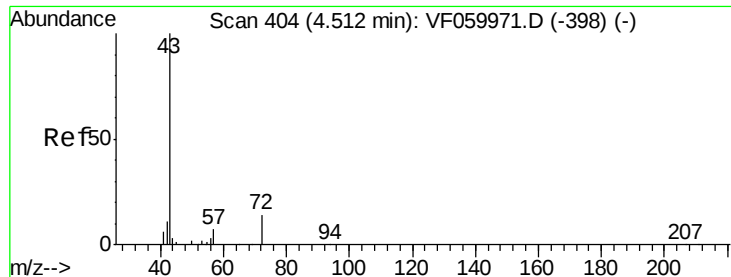
50000

0

Time-->

2.80 2.90 3.00 3.10 3.20





#25

2-Butanone

Concen: 1179.228 ug/l

RT: 4.52 min Scan# 405

Delta R.T. 0.01 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

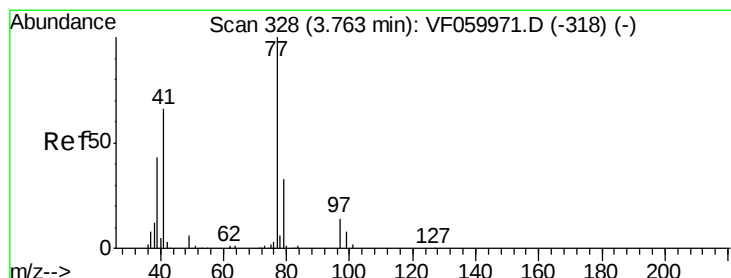
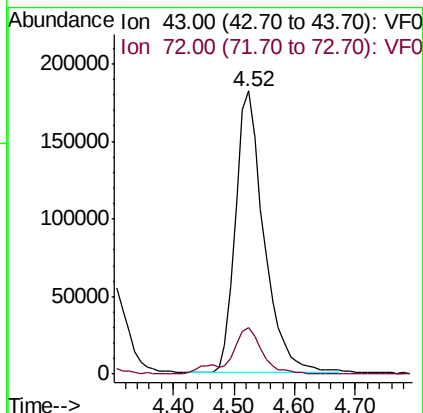
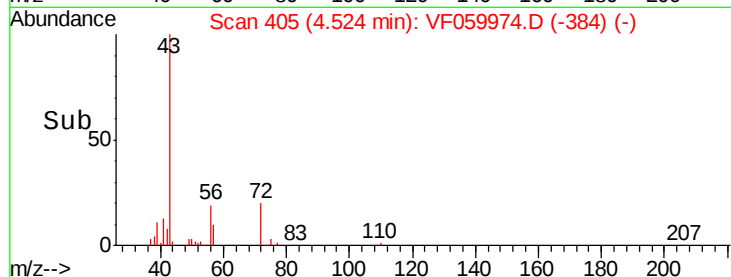
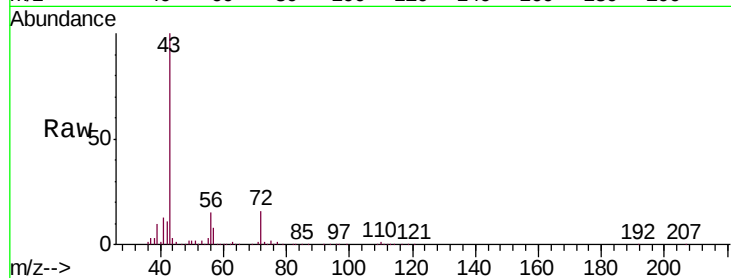
VSTDIC150

Tgt Ion: 43 Resp: 594887

Ion Ratio Lower Upper

43 100

72 16.4 13.4 20.2



#26

2,2-Dichloropropane

Concen: 235.663 ug/l

RT: 3.76 min Scan# 328

Delta R.T. 0.00 min

Lab File: VF059974.D

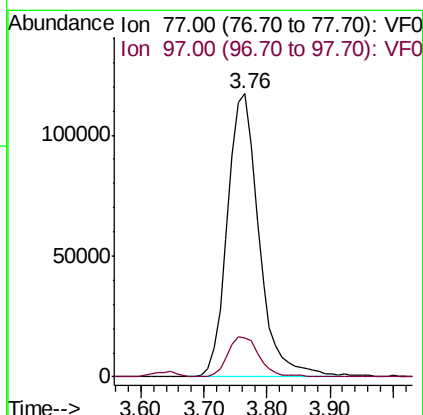
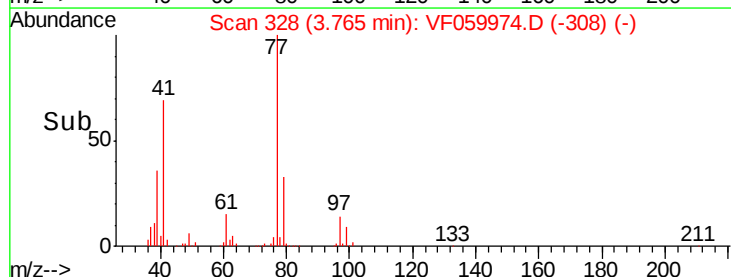
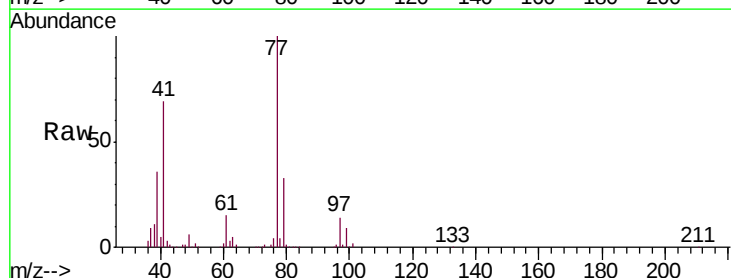
Acq: 16 Aug 2018 21:58

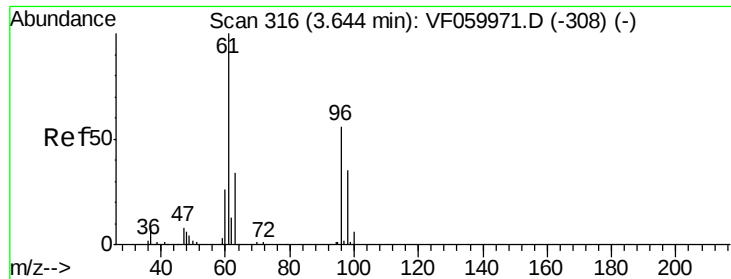
Tgt Ion: 77 Resp: 407571

Ion Ratio Lower Upper

77 100

97 13.8 7.4 22.3



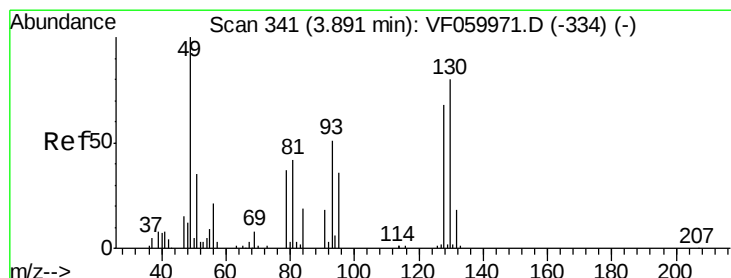
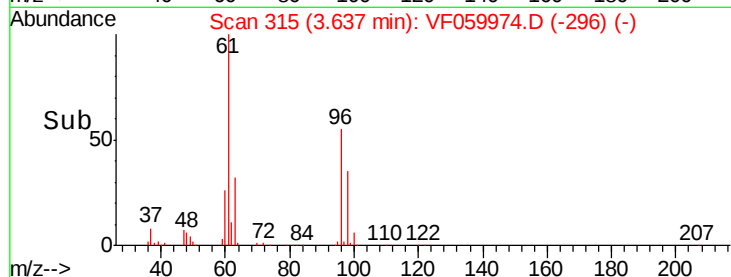
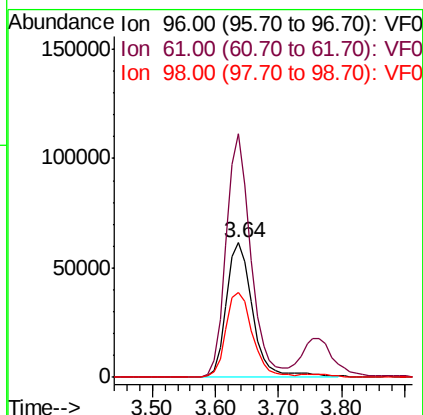
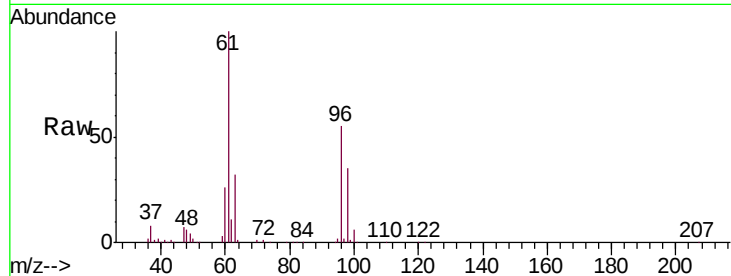


#27

cis-1,2-Dichloroethene  
Concen: 161.856 ug/l  
RT: 3.64 min Scan# 315  
Delta R.T. -0.01 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

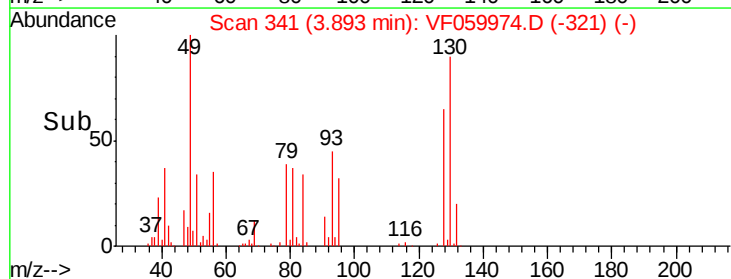
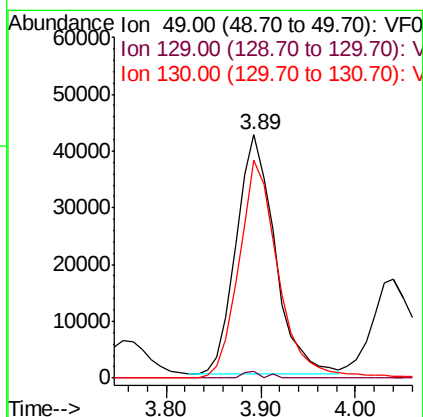
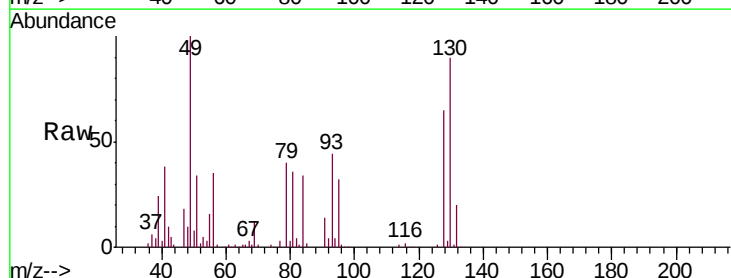
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 180.8 | 0.0   | 356.4 |
| 98      | 63.3  | 0.0   | 125.2 |

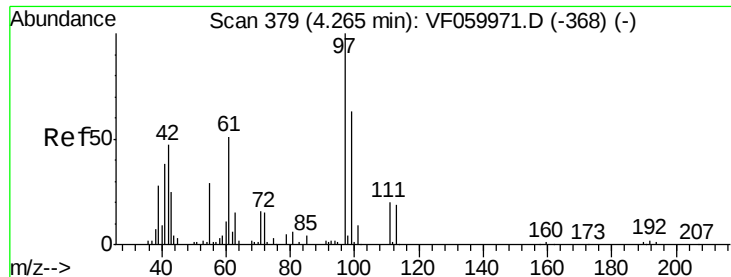


#28

Bromochloromethane  
Concen: 138.358 ug/l  
RT: 3.89 min Scan# 341  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.6   | 0.0   | 4.6   |
| 130     | 89.7  | 64.0  | 96.0  |





#29

Tetrahydrofuran

Concen: 1263.707 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

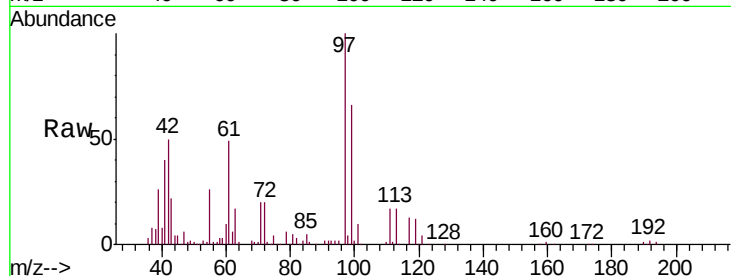
Tgt Ion: 42 Resp: 223879

Ion Ratio Lower Upper

42 100

72 34.7 27.9 41.9

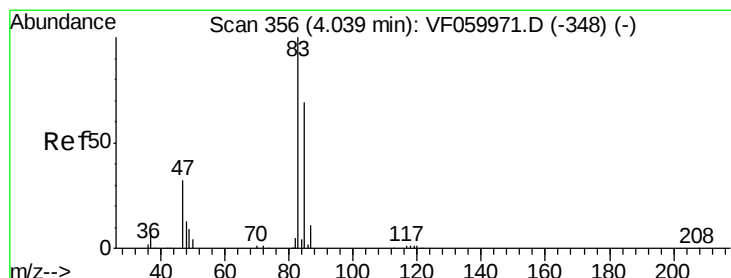
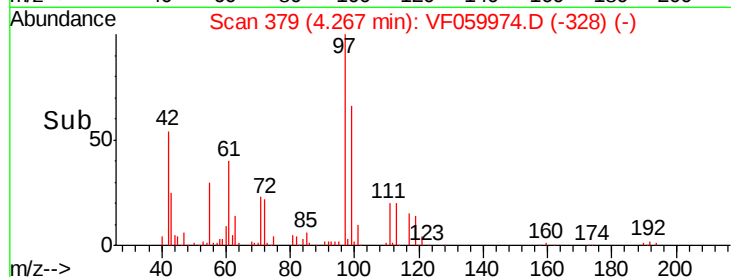
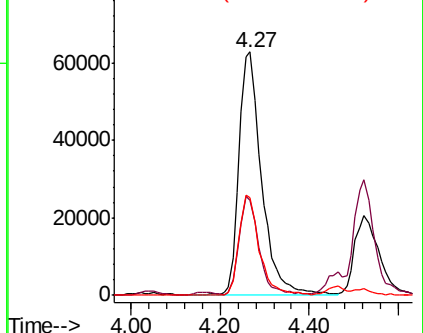
71 36.5 26.9 40.3



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: 151.843 ug/l

RT: 4.04 min Scan# 356

Delta R.T. 0.00 min

Lab File: VF059974.D

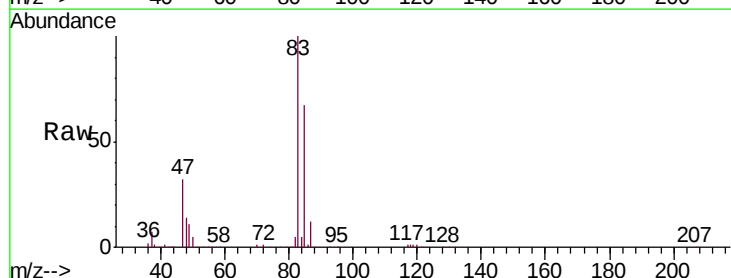
Acq: 16 Aug 2018 21:58

Tgt Ion: 83 Resp: 496973

Ion Ratio Lower Upper

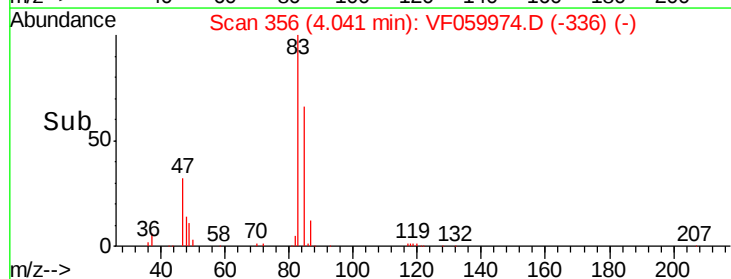
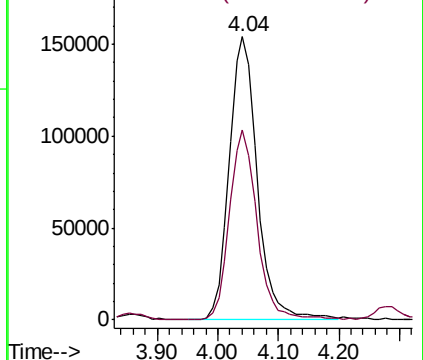
83 100

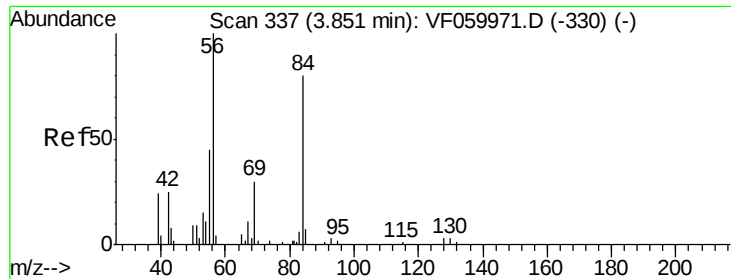
85 67.0 54.9 82.3



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

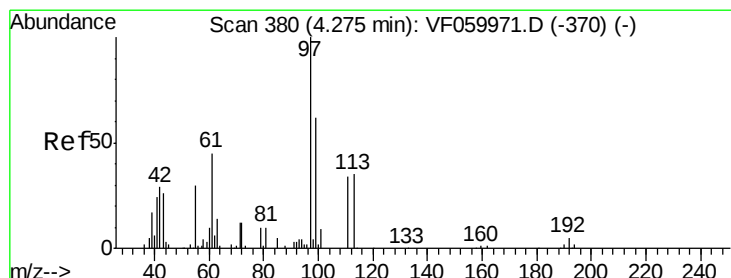
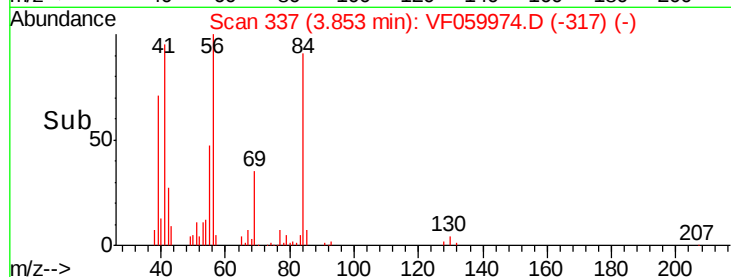
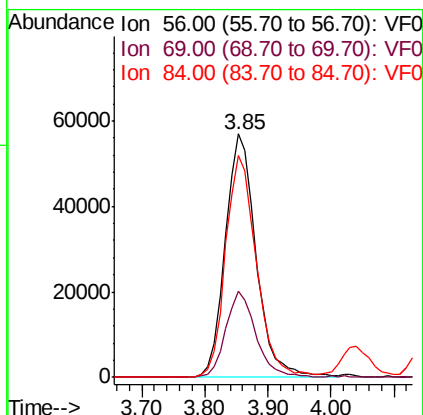
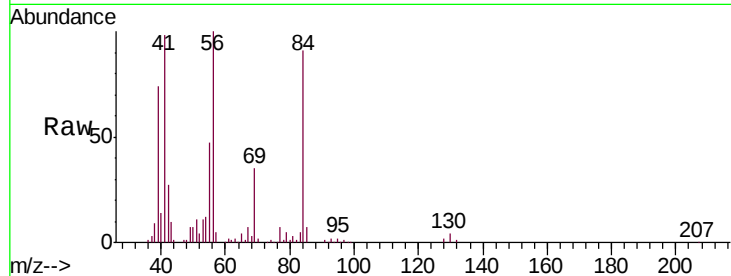




#31  
Cyclohexane  
Concen: 164.917 ug/l  
RT: 3.85 min Scan# 337  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

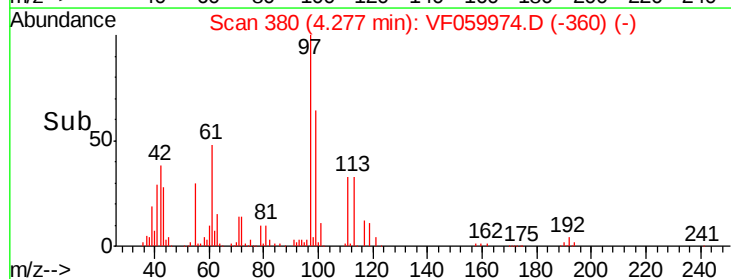
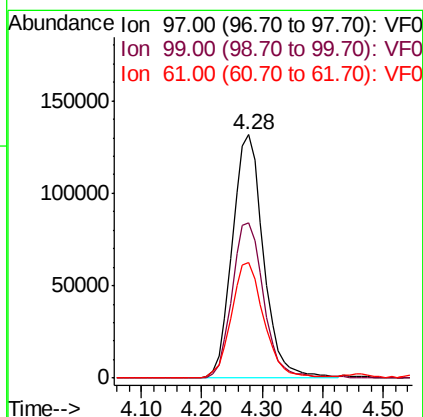
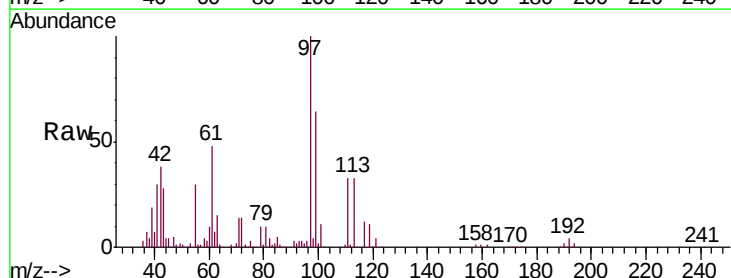
Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

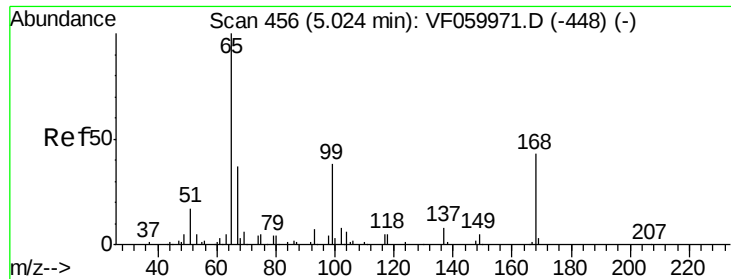
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 35.4  | 23.8  | 35.6  |
| 84      | 91.3  | 64.3  | 96.5  |



#32  
1,1,1-Trichloroethane  
Concen: 170.635 ug/l  
RT: 4.28 min Scan# 380  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.8  | 49.3  | 73.9  |
| 61      | 47.7  | 36.5  | 54.7  |





#33

1,2-Dichloroethane-d4

Concen: 163.019 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

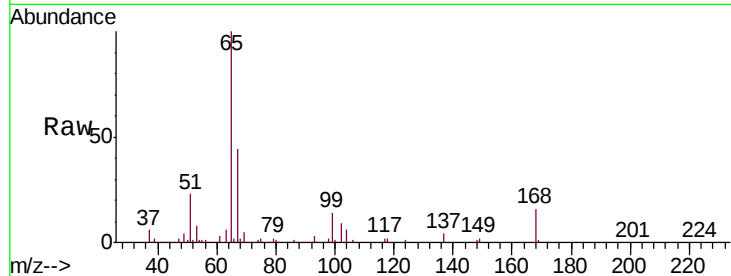
VSTDIC150

Tgt Ion: 65 Resp: 380738

Ion Ratio Lower Upper

65 100

67 43.8 0.0 84.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

150000

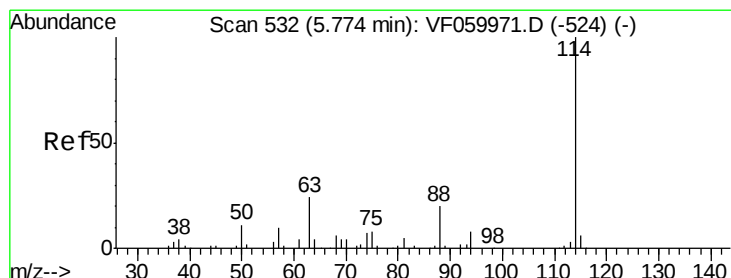
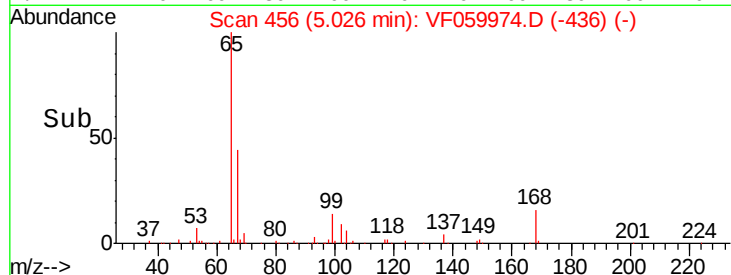
100000

50000

0

4.90 5.03 5.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

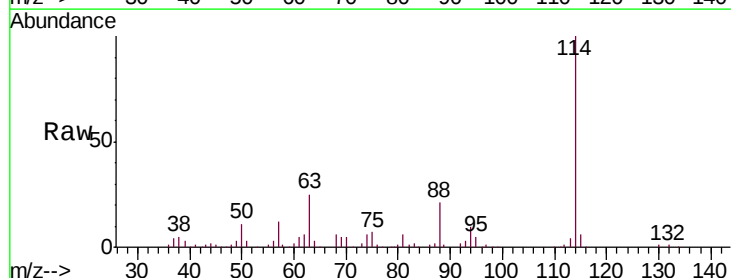
Tgt Ion: 114 Resp: 191611

Ion Ratio Lower Upper

114 100

63 24.6 0.0 48.8

88 21.0 0.0 39.6



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

80000

60000

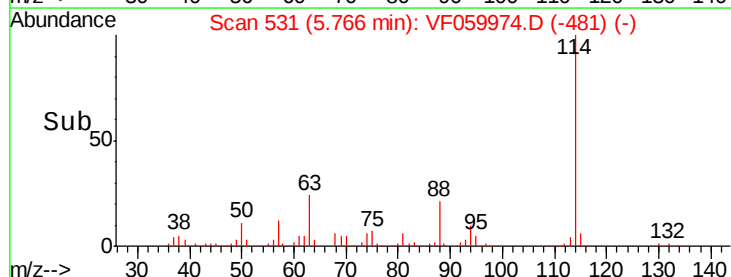
40000

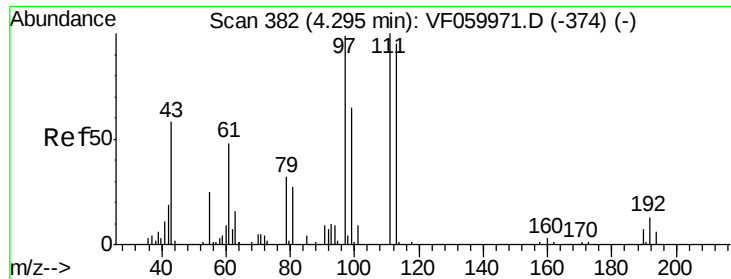
20000

0

5.60 5.77 5.80 5.90 6.00

Time-->





#35

Dibromofluoromethane

Concen: 137.447 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

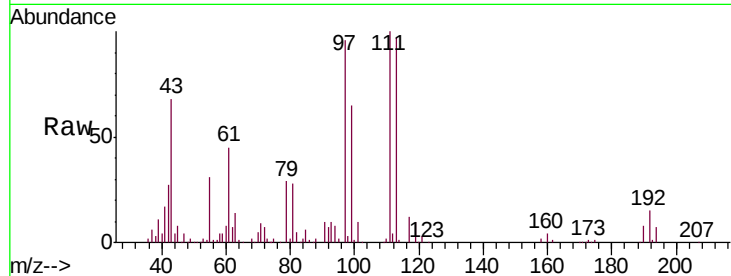
Tgt Ion:113 Resp: 267617

Ion Ratio Lower Upper

113 100

111 103.4 83.9 125.9

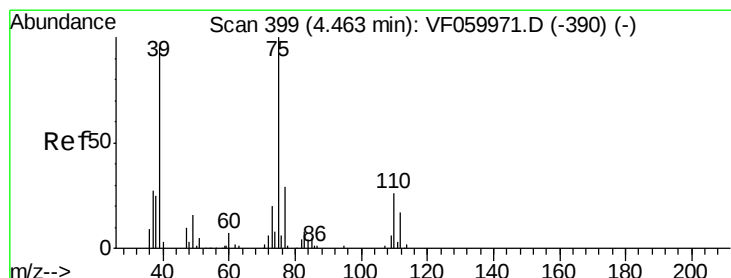
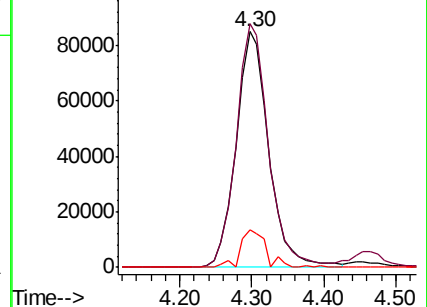
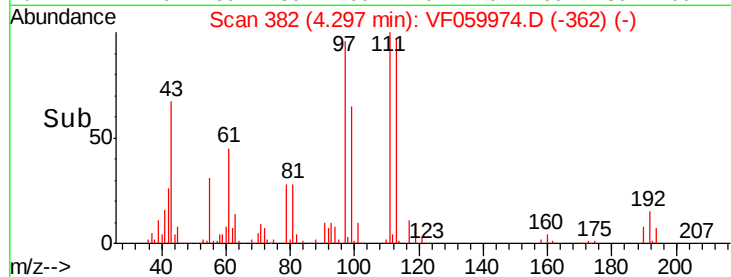
192 15.8 11.3 16.9



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: 139.478 ug/l

RT: 4.46 min Scan# 399

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

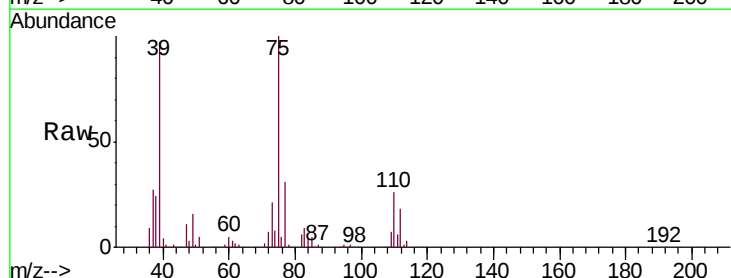
Tgt Ion: 75 Resp: 296056

Ion Ratio Lower Upper

75 100

110 25.8 13.1 39.3

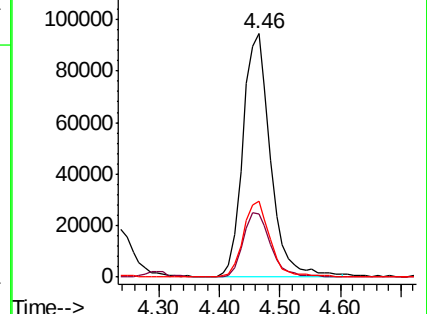
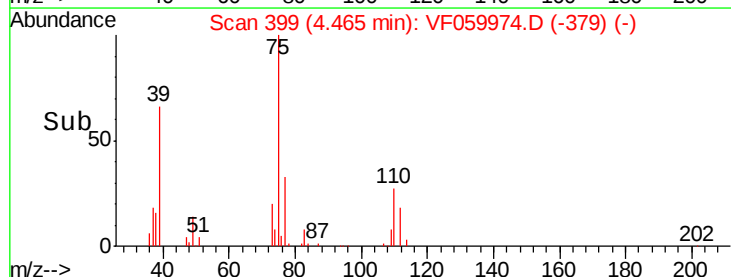
77 31.1 23.4 35.0

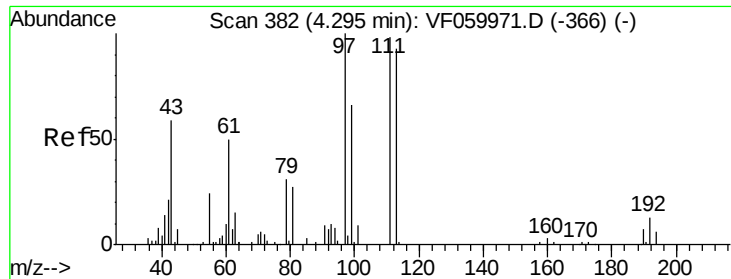


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

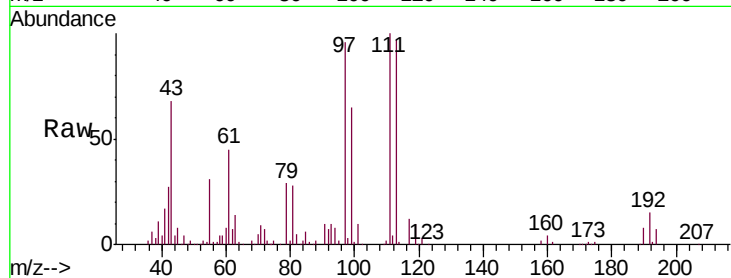




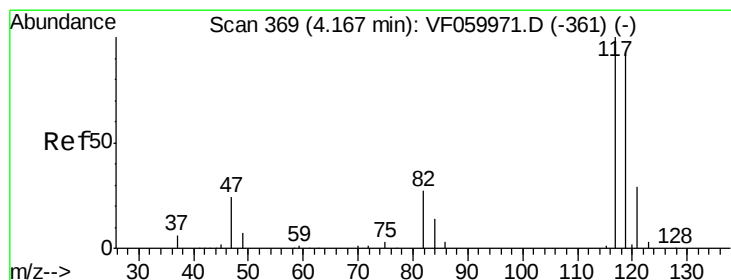
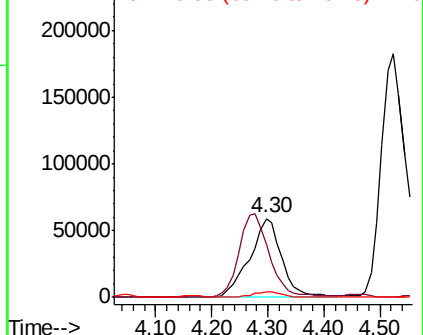
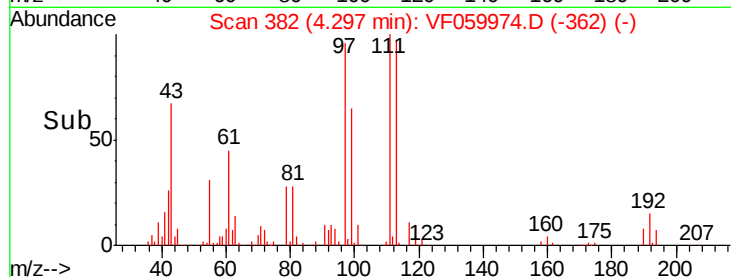
#37  
Ethyl Acetate  
Concen: 224.055 ug/l  
RT: 4.30 min Scan# 382  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

Tgt Ion: 43 Resp: 232122  
Ion Ratio Lower Upper  
43 100  
61 66.8 67.0 100.4#  
70 7.1 6.7 10.1

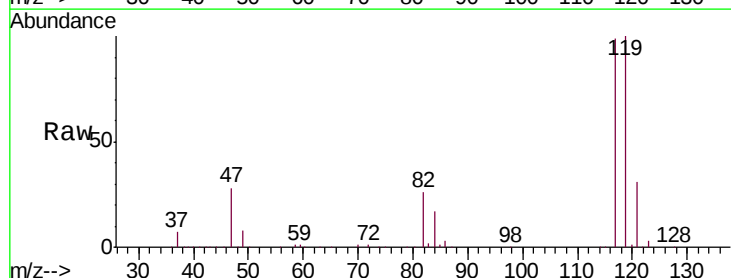


Abundance Ion 43.00 (42.70 to 43.70): VF0  
Ion 61.00 (60.70 to 61.70): VF0  
Ion 70.00 (69.70 to 70.70): VF0

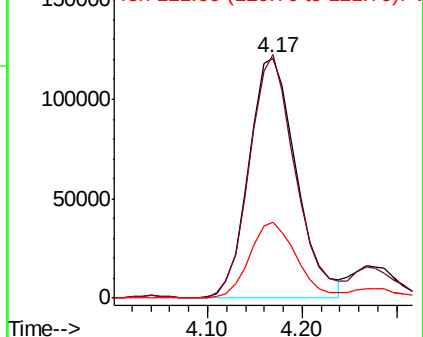
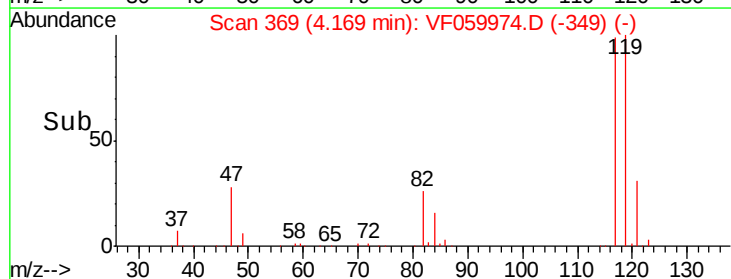


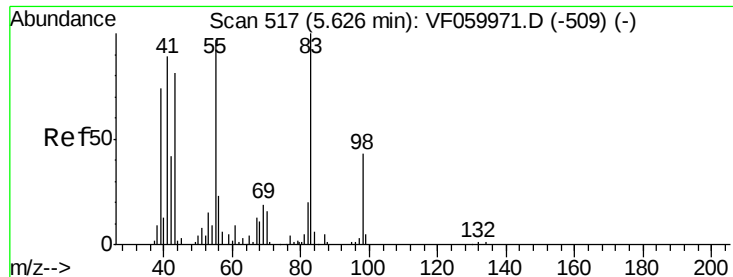
#38  
Carbon Tetrachloride  
Concen: 121.225 ug/l  
RT: 4.17 min Scan# 369  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

Tgt Ion: 117 Resp: 417761  
Ion Ratio Lower Upper  
117 100  
119 101.3 73.6 110.4  
121 31.7 23.4 35.2



Abundance Ion 117.00 (116.70 to 117.70): V  
Ion 119.00 (118.70 to 119.70): V  
Ion 121.00 (120.70 to 121.70): V

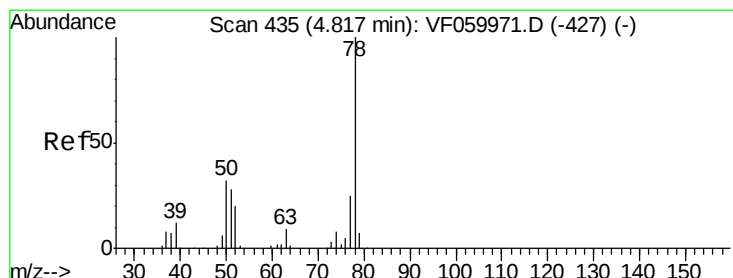
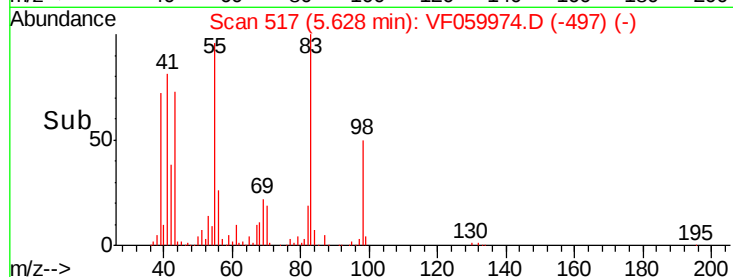
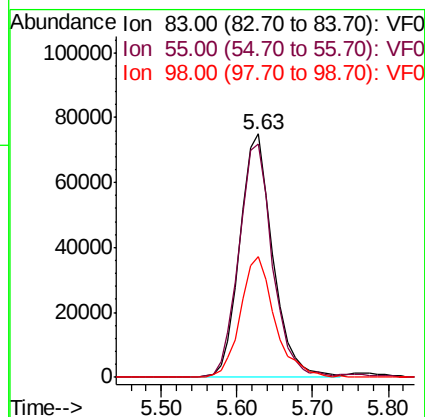
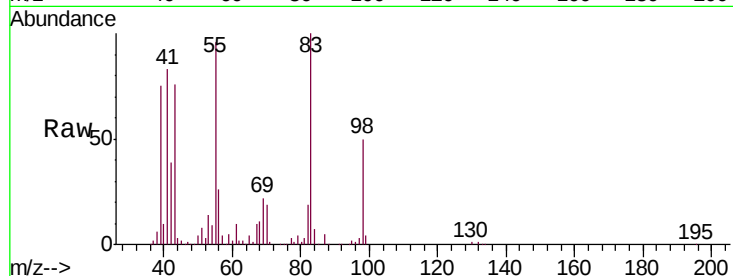




#39  
Methylcyclohexane  
Concen: 147.591 ug/l  
RT: 5.63 min Scan# 517  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

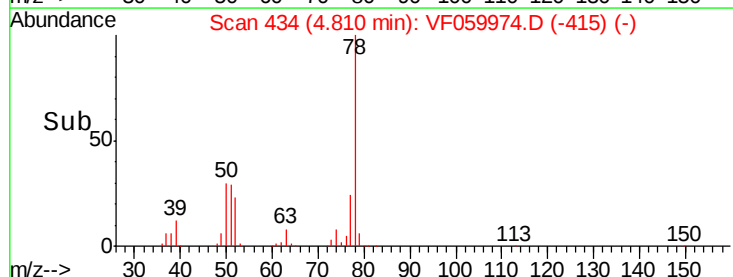
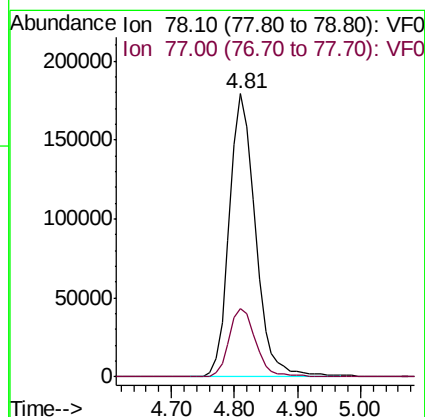
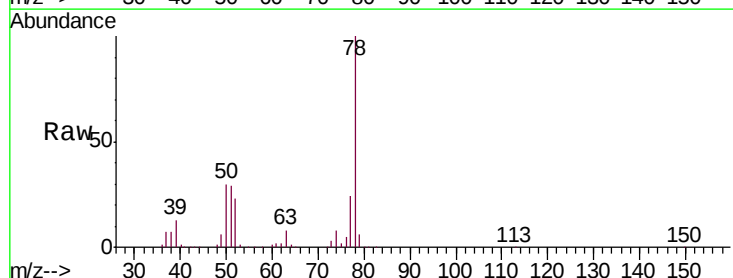
Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

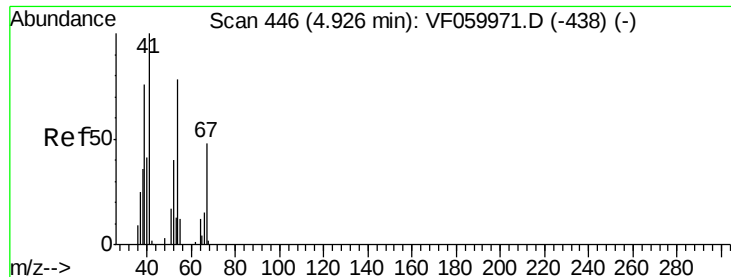
Tgt Ion: 83 Resp: 227274  
Ion Ratio Lower Upper  
83 100  
55 96.1 77.7 116.5  
98 49.7 34.2 51.4



#40  
Benzene  
Concen: 144.762 ug/l  
RT: 4.81 min Scan# 434  
Delta R.T. -0.01 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

Tgt Ion: 78 Resp: 516450  
Ion Ratio Lower Upper  
78 100  
77 24.2 20.3 30.5





#41

Methacrylonitrile

Concen: 226.273 ug/l

RT: 4.93 min Scan# 446

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 111589

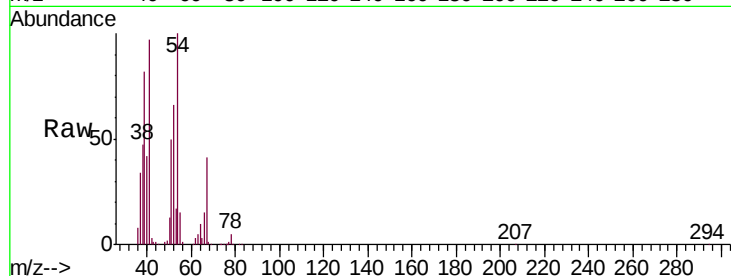
Ion Ratio Lower Upper

41 100

39 84.5 69.9 104.9

67 42.6 38.6 58.0

52 67.9 47.9 71.9

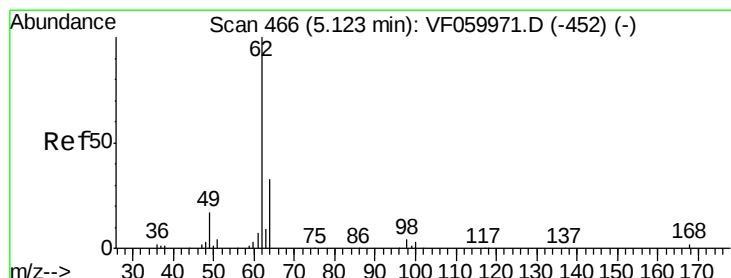
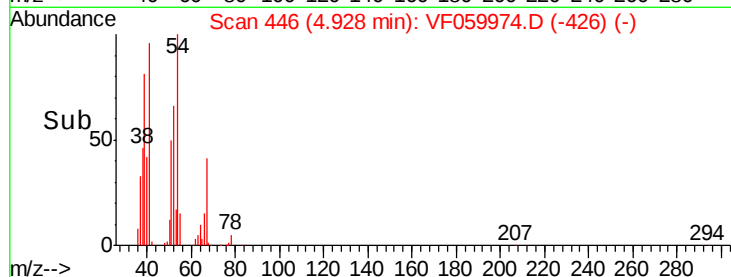
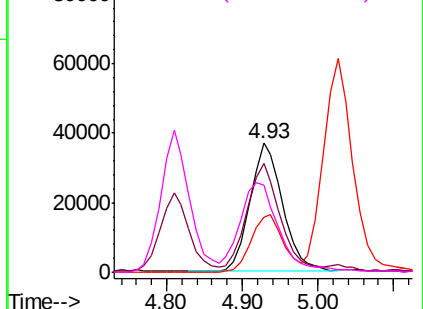


Abundance Ion 41.00 (40.70 to 41.70): VF0

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: 153.887 ug/l

RT: 5.12 min Scan# 466

Delta R.T. 0.00 min

Lab File: VF059974.D

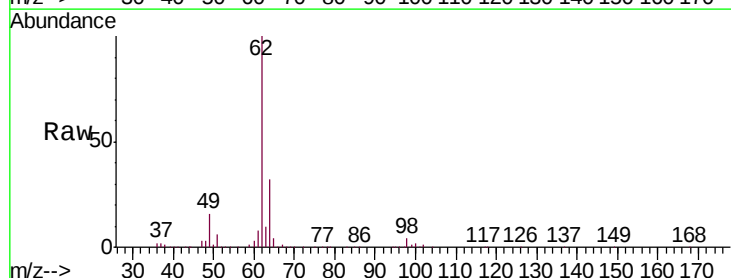
Acq: 16 Aug 2018 21:58

Tgt Ion: 62 Resp: 451632

Ion Ratio Lower Upper

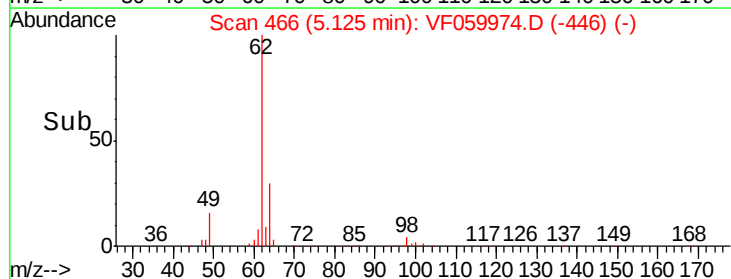
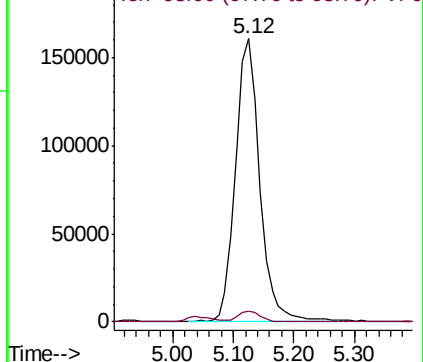
62 100

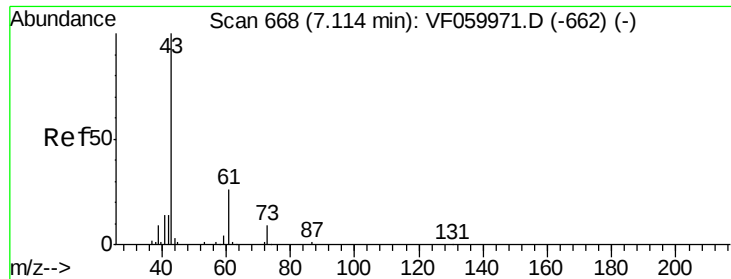
98 3.9 0.0 8.2



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



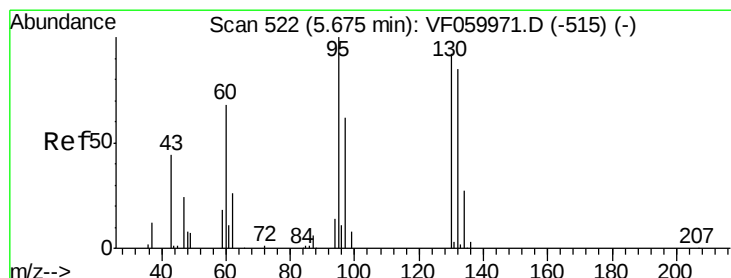
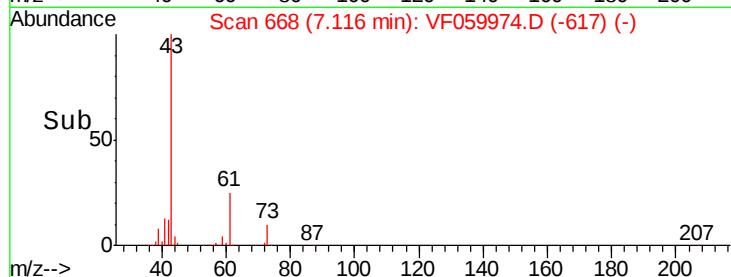
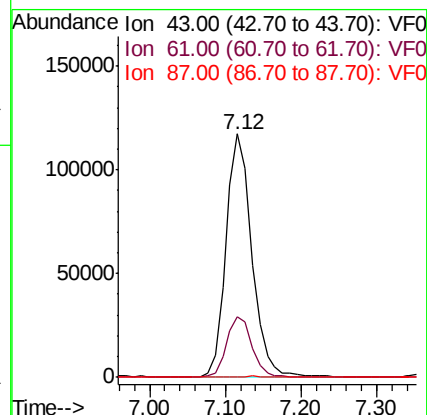
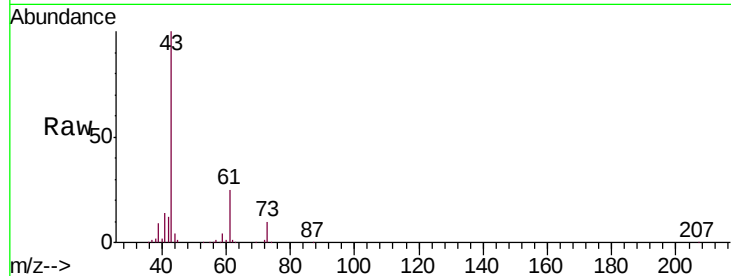


#43

Isopropyl Acetate  
 Concen: 243.044 ug/l  
 RT: 7.12 min Scan# 668  
 Delta R.T. 0.00 min  
 Lab File: VF059974.D  
 Acq: 16 Aug 2018 21:58

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

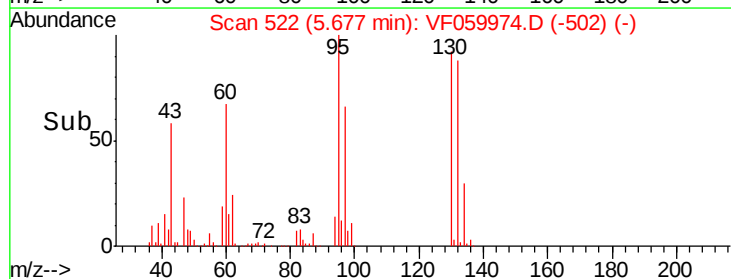
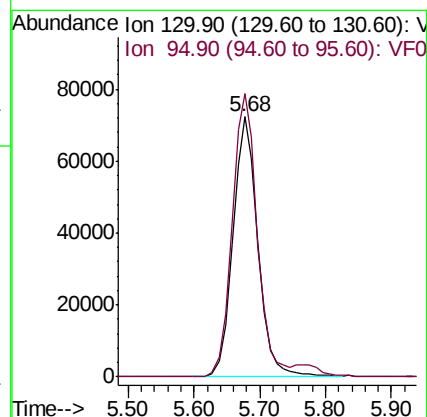
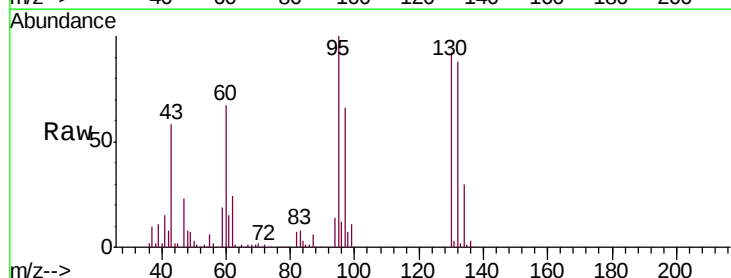
Tgt Ion: 43 Resp: 275015  
 Ion Ratio Lower Upper  
 43 100  
 61 24.9 20.8 31.2  
 87 0.3 0.5 0.7#

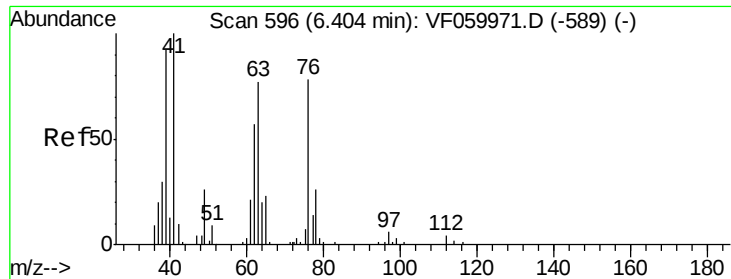


#44

Trichloroethene  
 Concen: 138.289 ug/l  
 RT: 5.68 min Scan# 522  
 Delta R.T. 0.00 min  
 Lab File: VF059974.D  
 Acq: 16 Aug 2018 21:58

Tgt Ion: 130 Resp: 191277  
 Ion Ratio Lower Upper  
 130 100  
 95 108.8 0.0 218.4





#45

1,2-Dichloropropane

Concen: 157.233 ug/l

RT: 6.41 min Scan# 596

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

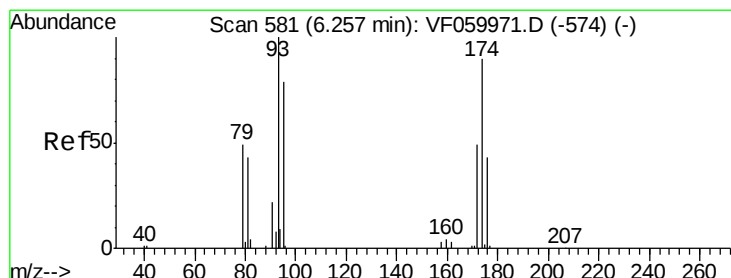
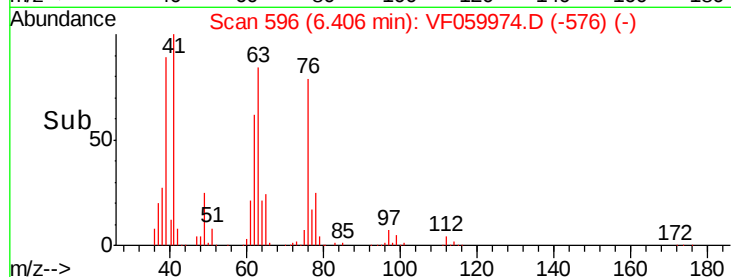
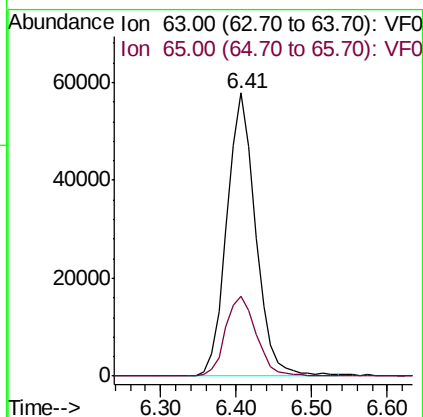
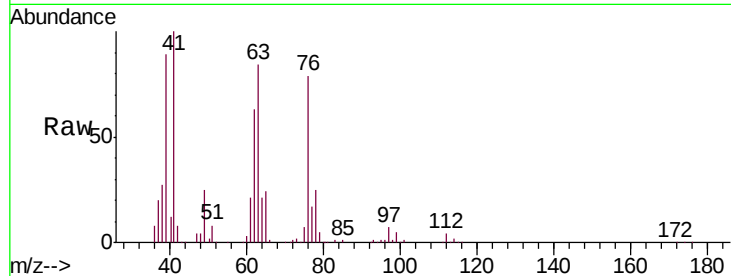
VSTDIC150

Tgt Ion: 63 Resp: 152177

Ion Ratio Lower Upper

63 100

65 28.4 23.8 35.6



#46

Dibromomethane

Concen: 174.978 ug/l

RT: 6.26 min Scan# 581

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

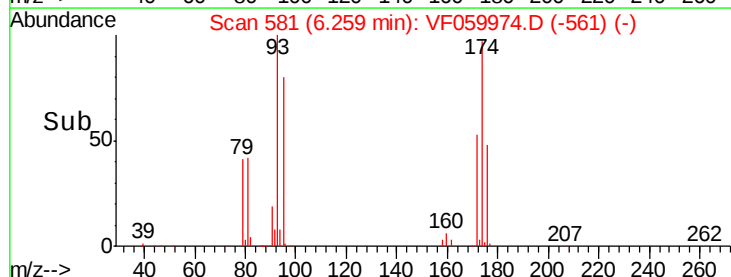
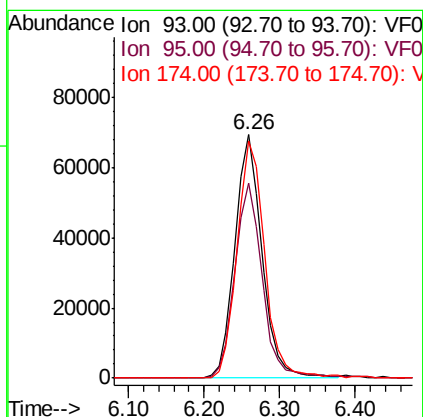
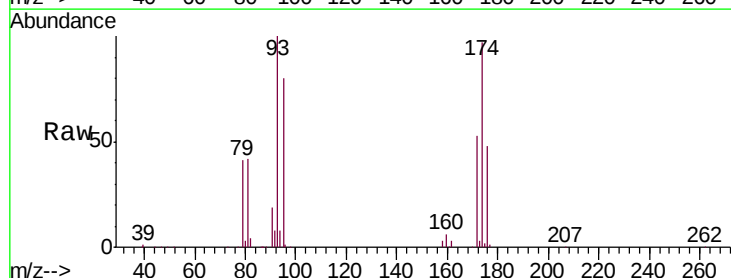
Tgt Ion: 93 Resp: 171599

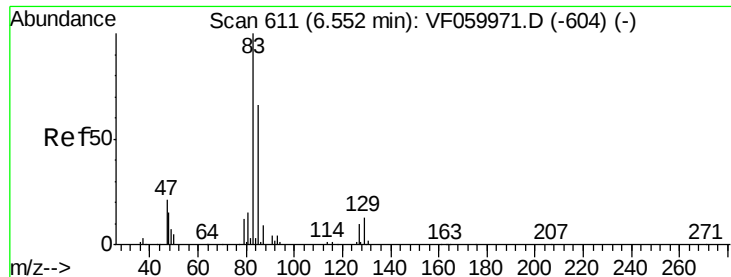
Ion Ratio Lower Upper

93 100

95 80.0 64.0 96.0

174 97.2 71.8 107.8





#47

Bromodichloromethane

Concen: 148.443 ug/l

RT: 6.55 min Scan# 611

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

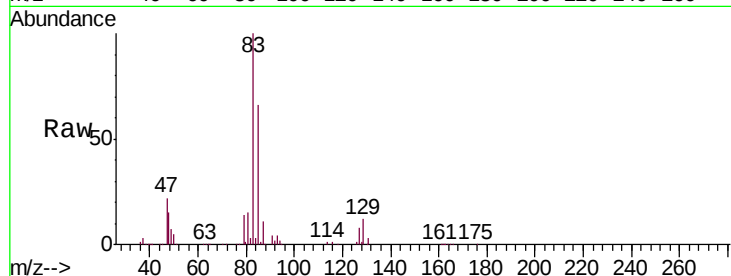
Tgt Ion: 83 Resp: 408602

Ion Ratio Lower Upper

83 100

85 65.8 53.2 79.8

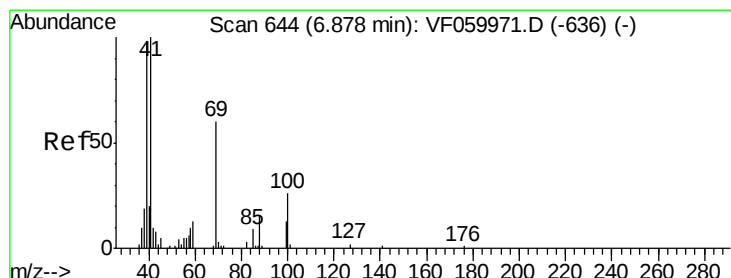
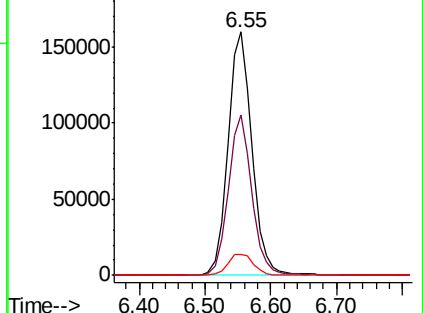
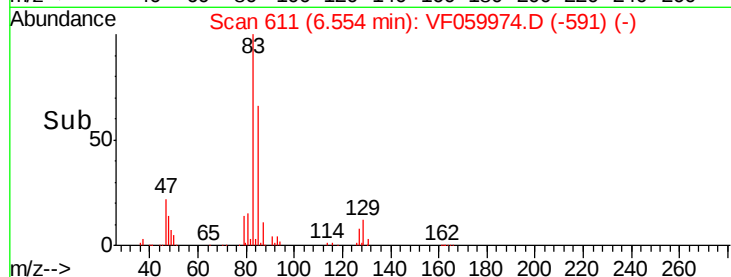
127 8.4 8.4 12.6#



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: 235.160 ug/l

RT: 6.88 min Scan# 644

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

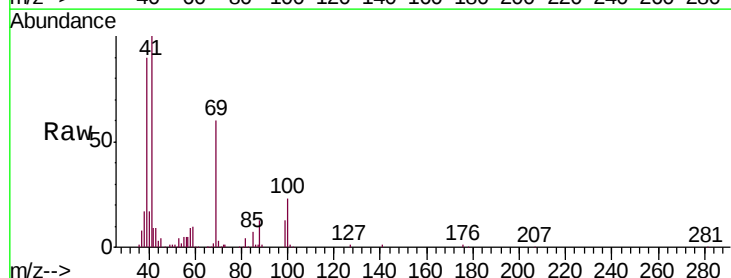
Tgt Ion: 41 Resp: 195444

Ion Ratio Lower Upper

41 100

69 59.9 48.1 72.1

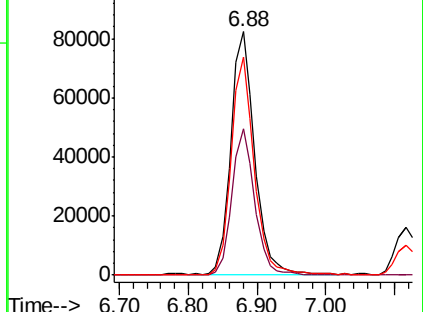
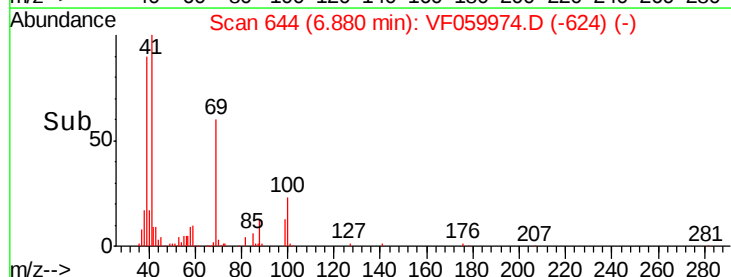
39 89.7 79.3 118.9

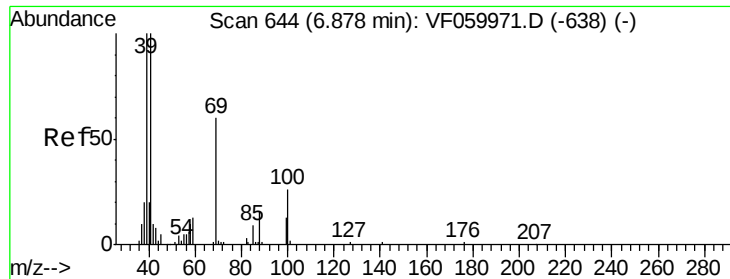


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

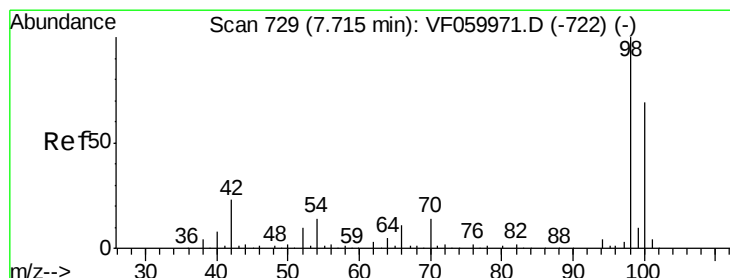
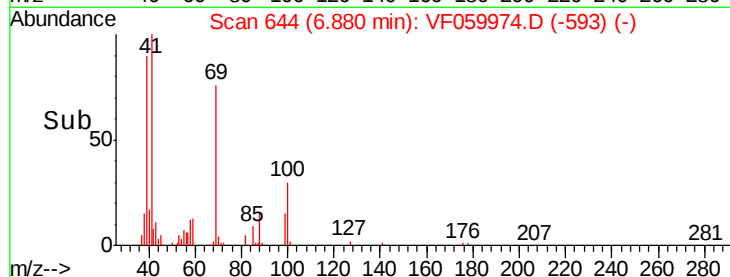
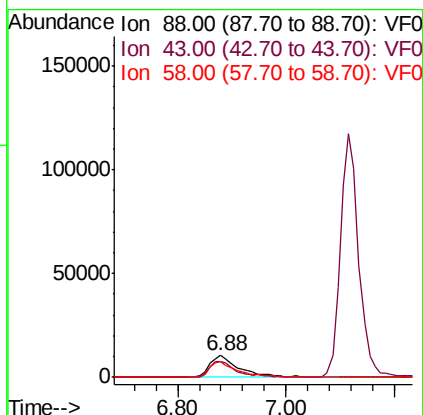
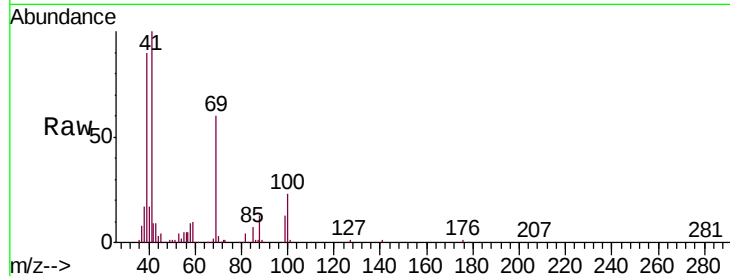




#49  
1,4-Dioxane  
Concen: 5969.172 ug/l  
RT: 6.88 min Scan# 644  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

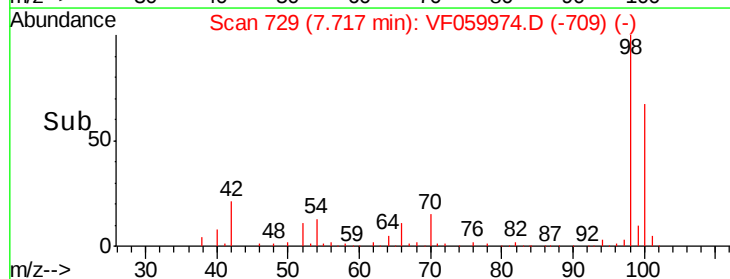
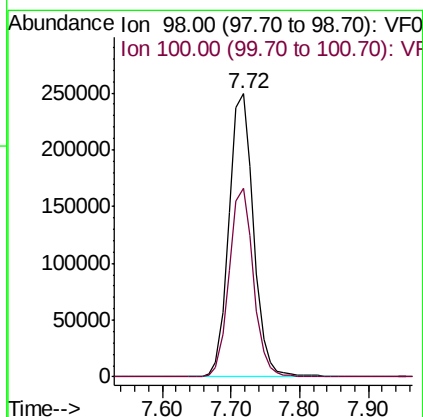
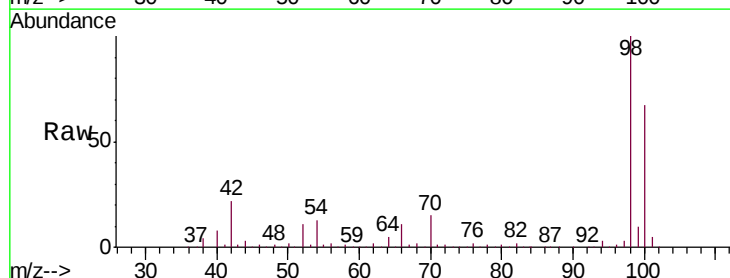
Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

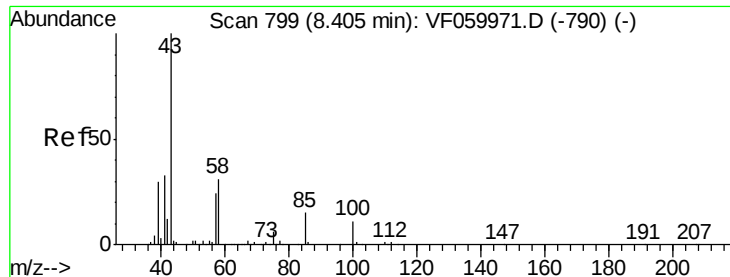
Tgt Ion: 88 Resp: 40043  
Ion Ratio Lower Upper  
88 100  
43 71.1 45.3 67.9#  
58 72.1 51.2 76.8



#50  
Toluene-d8  
Concen: 146.051 ug/l  
RT: 7.72 min Scan# 729  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

Tgt Ion: 98 Resp: 618826  
Ion Ratio Lower Upper  
98 100  
100 66.7 55.3 82.9





#51

4-Methyl-2-Pentanone

Concen: 1071.209 ug/l

RT: 8.42 min Scan# 800

Delta R.T. 0.01 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

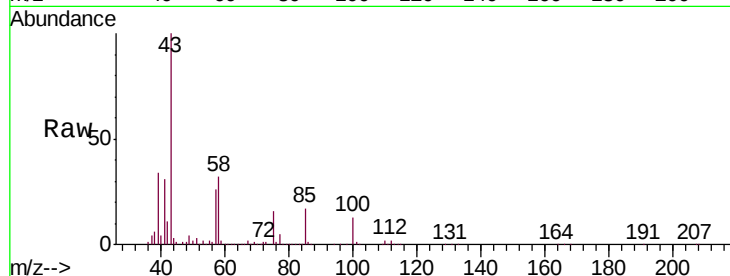
VSTDIC150

Tgt Ion: 43 Resp: 1151570

Ion Ratio Lower Upper

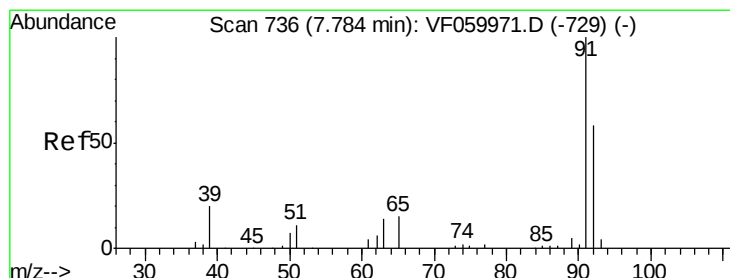
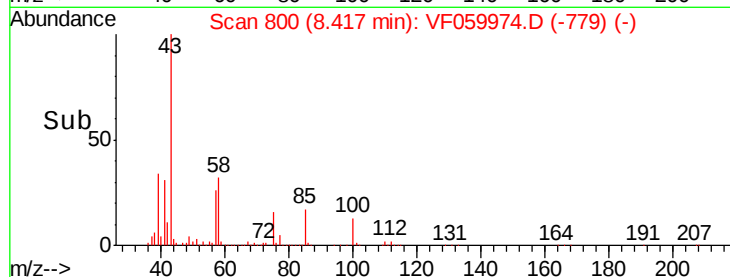
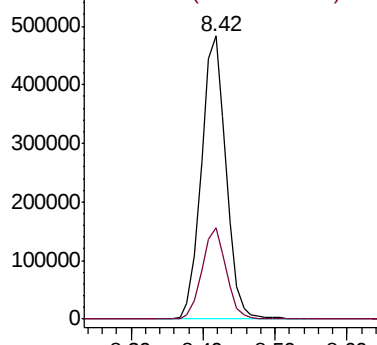
43 100

58 32.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 144.801 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.00 min

Lab File: VF059974.D

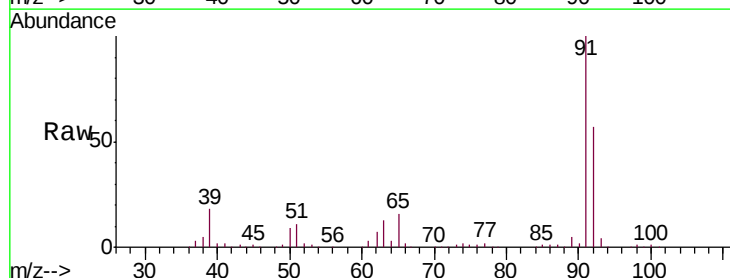
Acq: 16 Aug 2018 21:58

Tgt Ion: 92 Resp: 386793

Ion Ratio Lower Upper

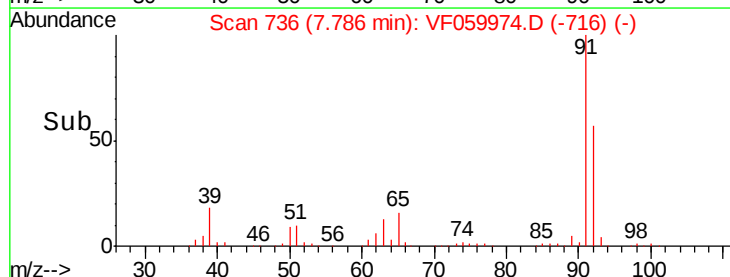
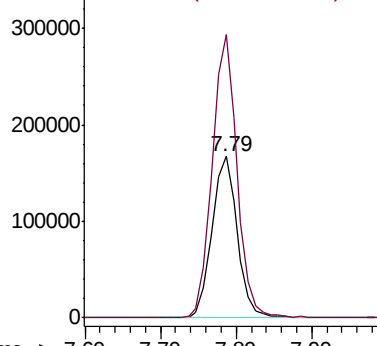
92 100

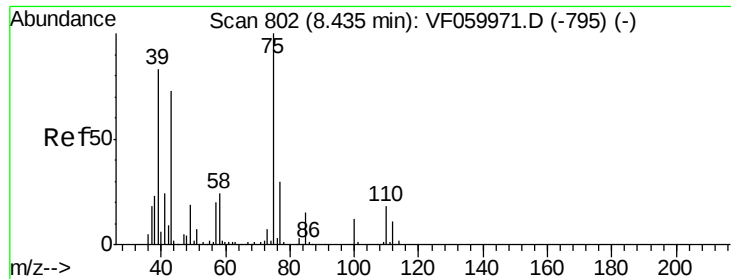
91 175.3 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 161.048 ug/l

RT: 8.44 min Scan# 802

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

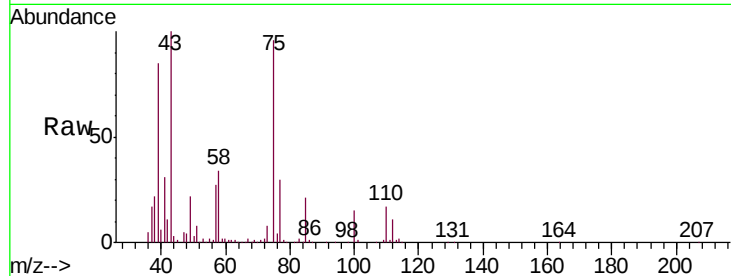
VSTDIC150

Tgt Ion: 75 Resp: 368062

Ion Ratio Lower Upper

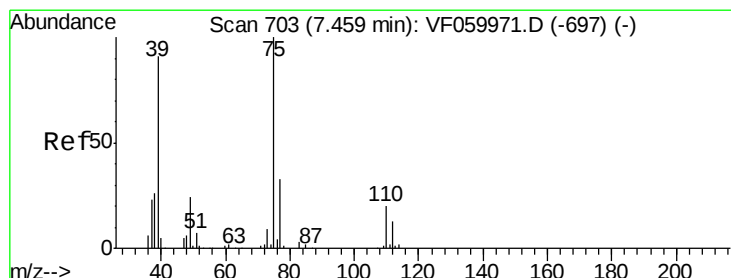
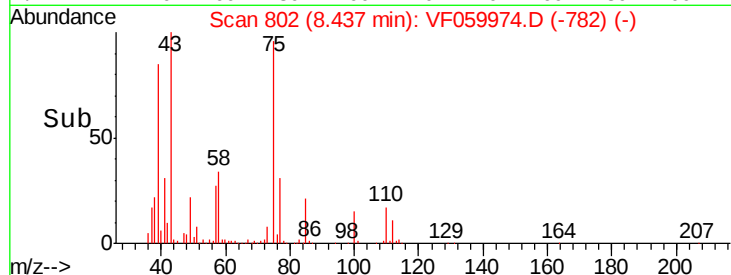
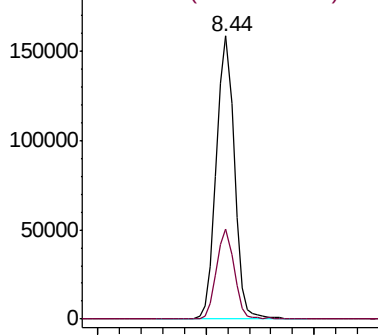
75 100

77 31.8 23.5 35.3



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#54

cis-1,3-Dichloropropene

Concen: 157.142 ug/l

RT: 7.46 min Scan# 703

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

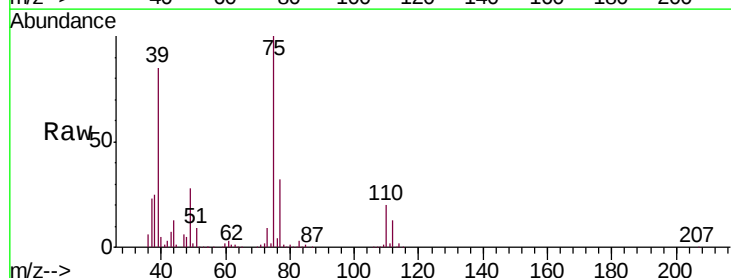
Tgt Ion: 75 Resp: 339863

Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.4

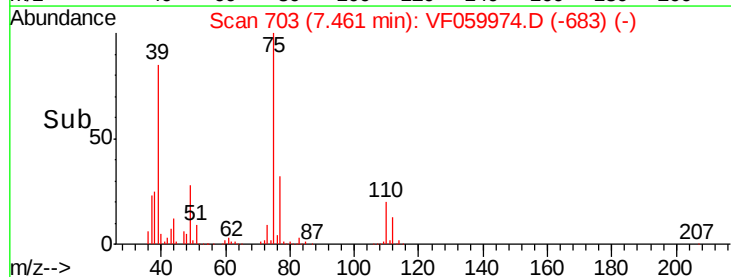
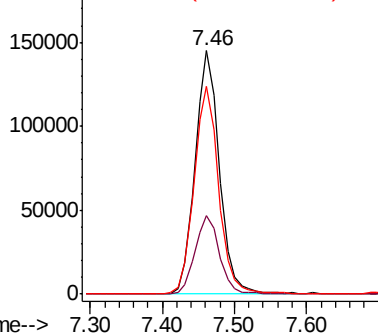
39 85.2 73.2 109.8

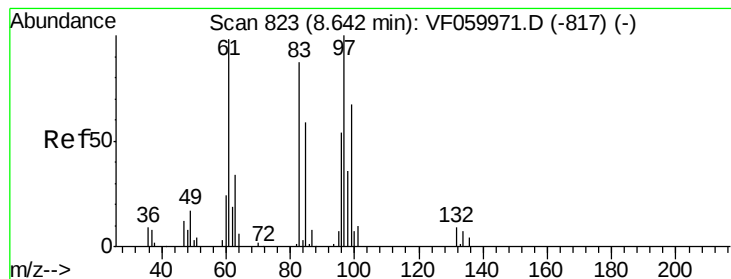


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 181.714 ug/l

RT: 8.64 min Scan# 823

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 175622

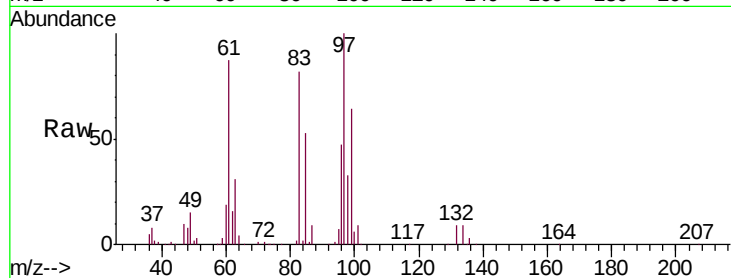
Ion Ratio Lower Upper

97 100

83 81.6 69.7 104.5

85 52.7 47.4 71.2

99 63.7 53.8 80.6

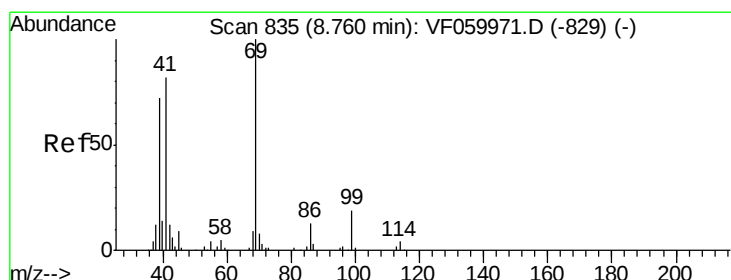
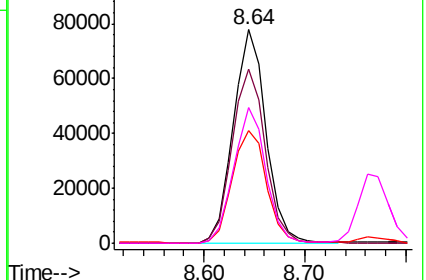
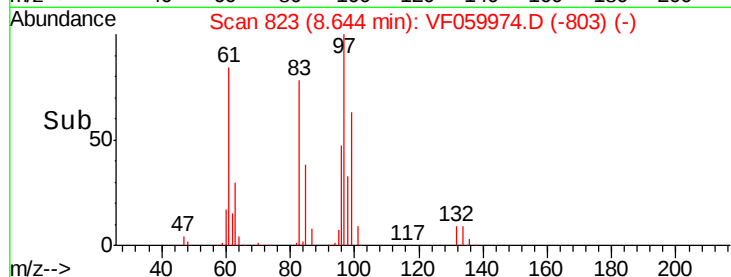


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 215.966 ug/l

RT: 8.77 min Scan# 836

Delta R.T. 0.01 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

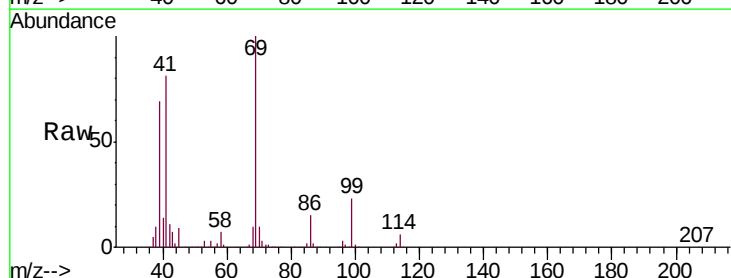
Tgt Ion: 69 Resp: 233414

Ion Ratio Lower Upper

69 100

41 80.6 65.6 98.4

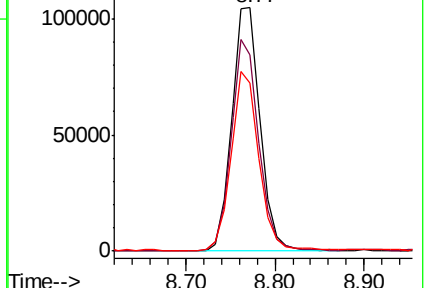
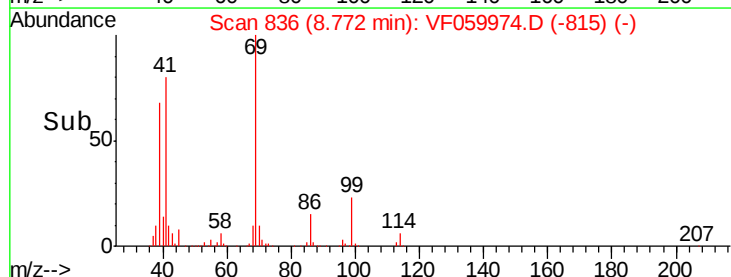
39 68.8 58.1 87.1

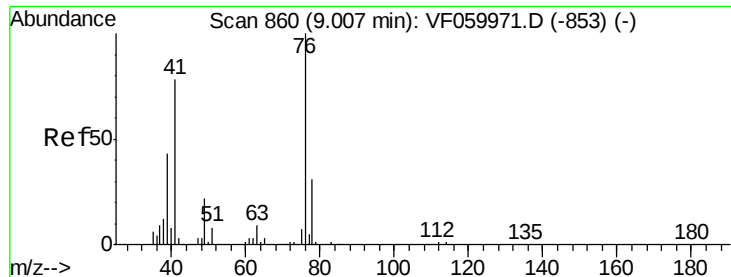


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 180.072 ug/l

RT: 9.01 min Scan# 860

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

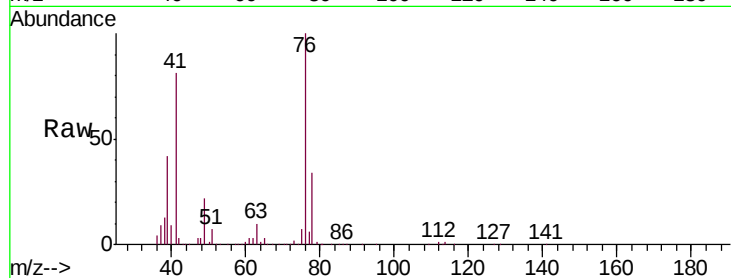
VSTDIC150

Tgt Ion: 76 Resp: 318816

Ion Ratio Lower Upper

76 100

78 34.2 24.7 37.1



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

150000

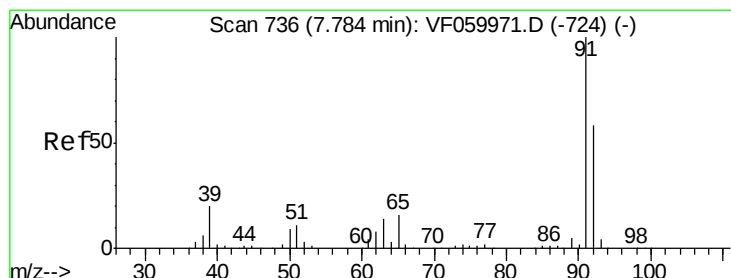
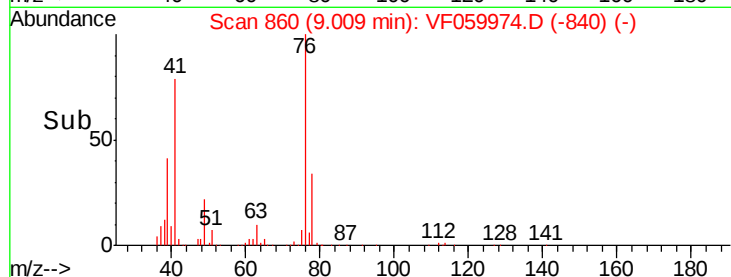
100000

50000

0

8.90 9.01 9.10 9.20

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 701.595 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.00 min

Lab File: VF059974.D

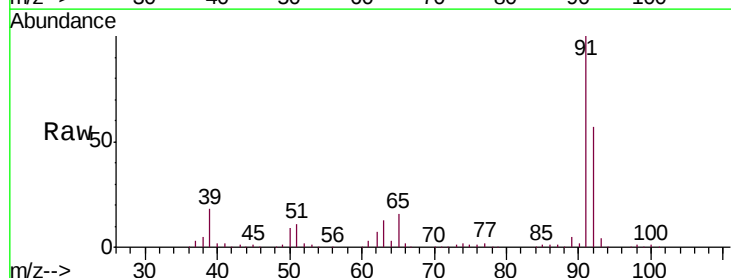
Acq: 16 Aug 2018 21:58

Tgt Ion: 63 Resp: 92400

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

40000

30000

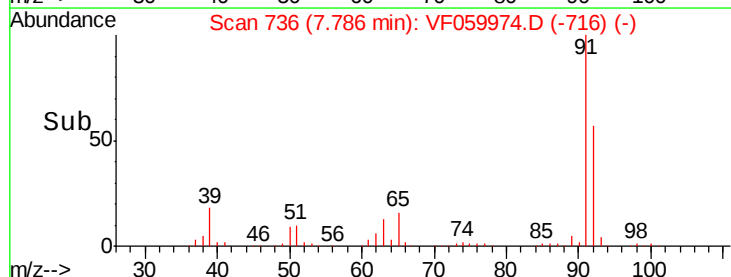
20000

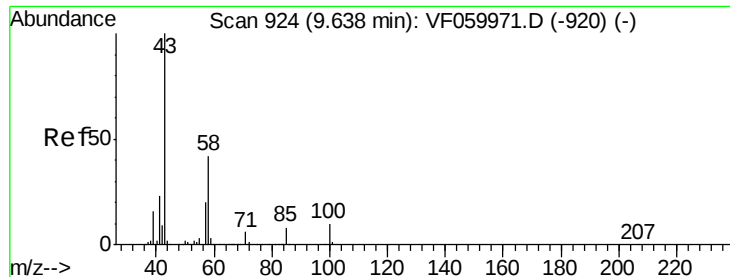
10000

0

7.60 7.80 8.00

Time-->

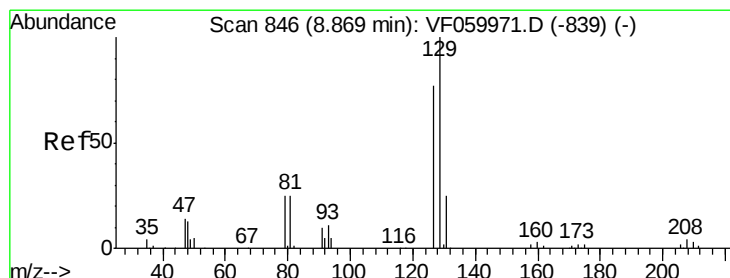
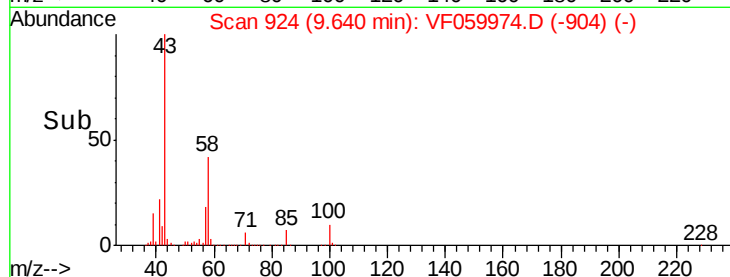
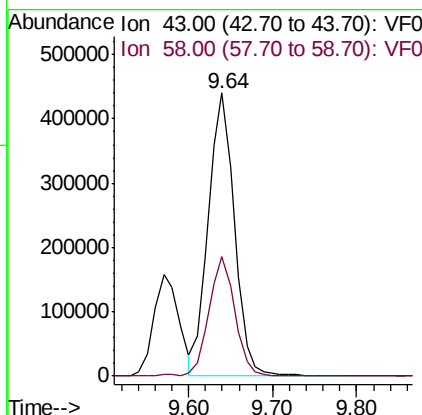
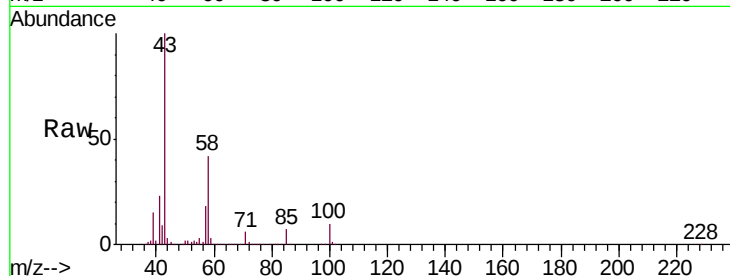




#59  
2-Hexanone  
Concen: 1170.881 ug/l  
RT: 9.64 min Scan# 924  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

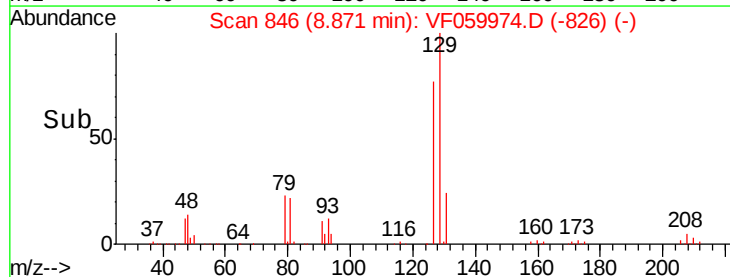
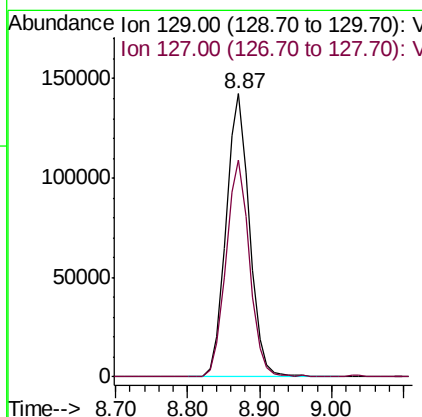
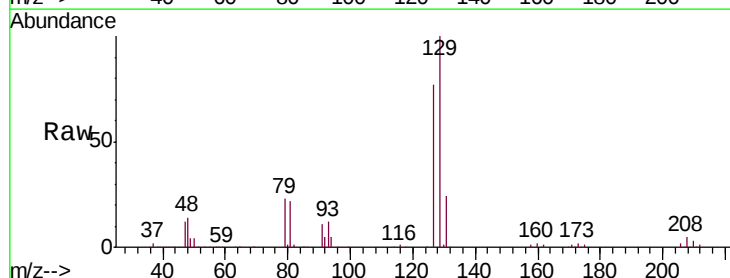
Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

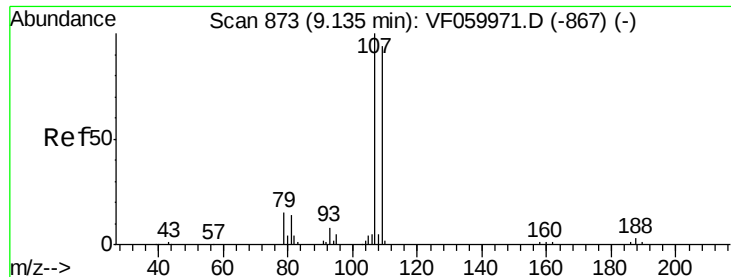
Tgt Ion: 43 Resp: 946129  
Ion Ratio Lower Upper  
43 100  
58 42.3 19.8 59.3



#60  
Dibromochloromethane  
Concen: 170.806 ug/l  
RT: 8.87 min Scan# 846  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

Tgt Ion: 129 Resp: 320488  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 197.145 ug/l

RT: 9.14 min Scan# 873

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

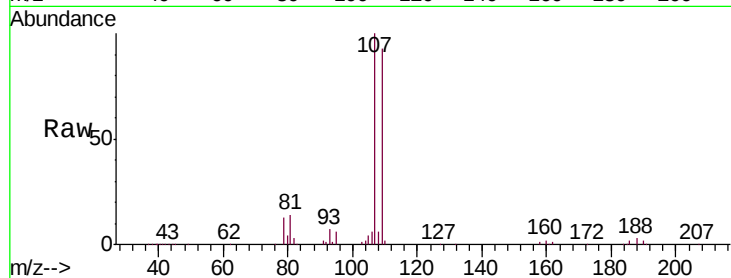
VSTDIC150

Tgt Ion: 107 Resp: 241112

Ion Ratio Lower Upper

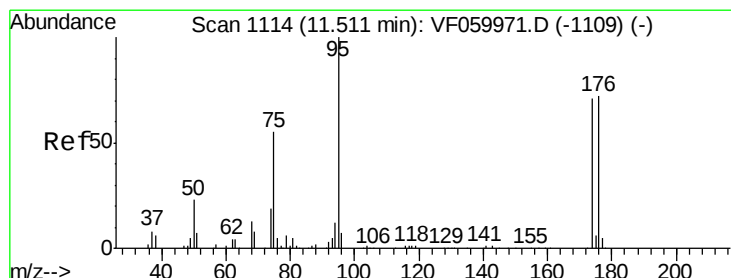
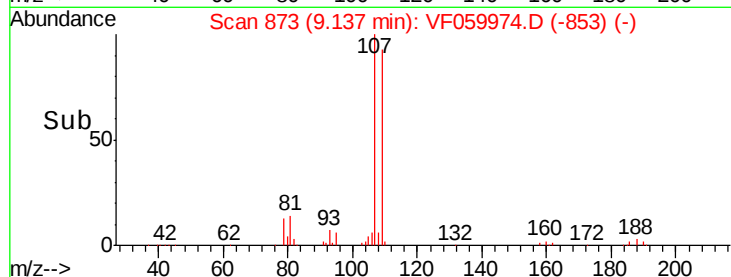
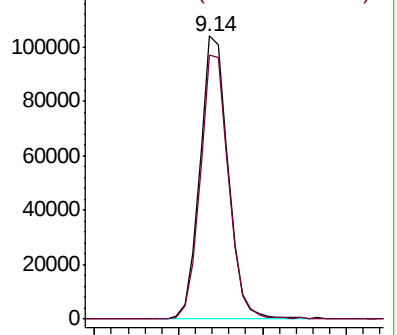
107 100

109 93.4 75.4 113.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 148.565 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

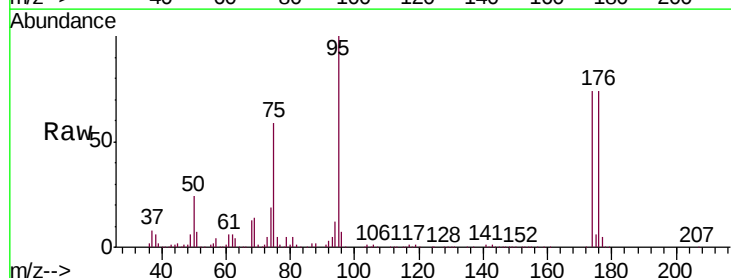
Tgt Ion: 95 Resp: 356490

Ion Ratio Lower Upper

95 100

174 73.6 0.0 142.8

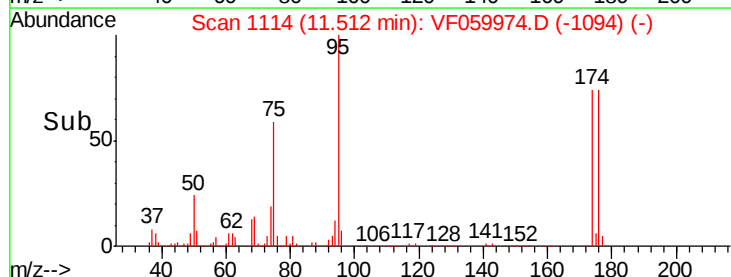
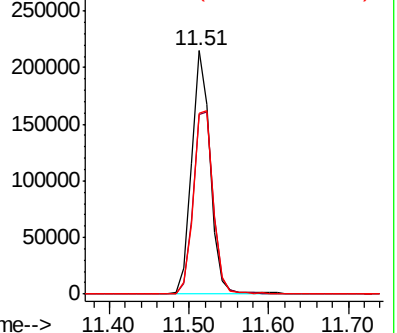
176 74.5 0.0 143.4

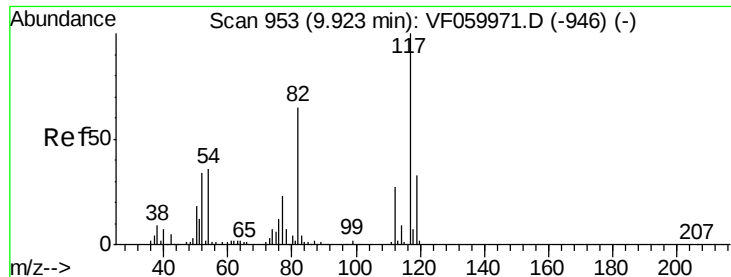


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

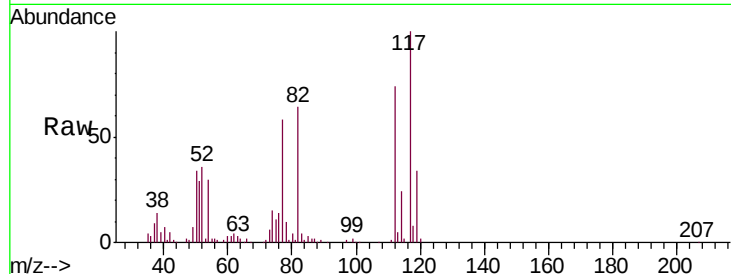




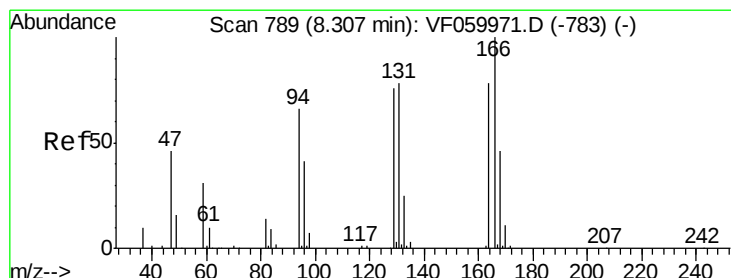
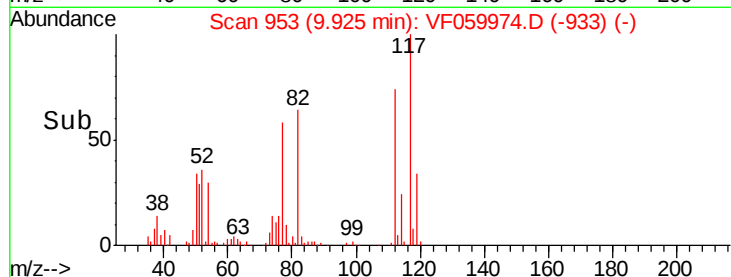
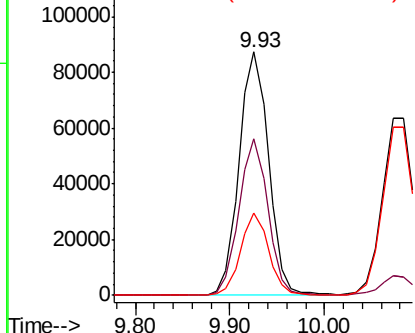
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.93 min Scan# 953  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

Tgt Ion:117 Resp: 189121  
Ion Ratio Lower Upper  
117 100  
82 64.1 52.0 78.0  
119 33.7 26.6 39.8

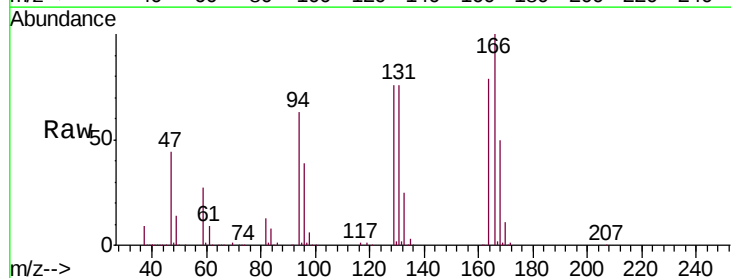


Abundance Ion 117.00 (116.70 to 117.70): V  
Ion 82.00 (81.70 to 82.70): VF0  
Ion 119.00 (118.70 to 119.70): V

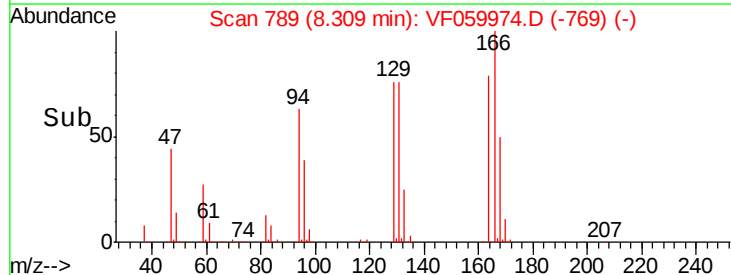
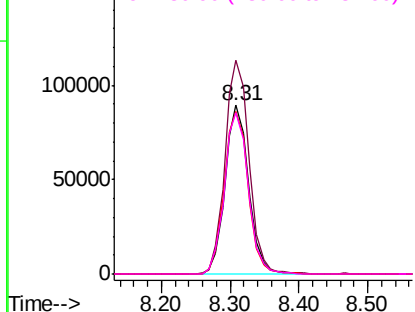


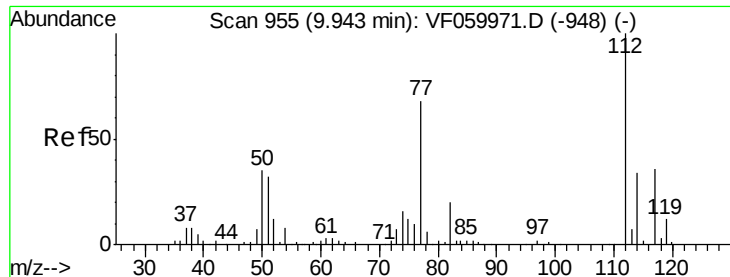
#64  
Tetrachloroethene  
Concen: 143.379 ug/l  
RT: 8.31 min Scan# 789  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

Tgt Ion:164 Resp: 210586  
Ion Ratio Lower Upper  
164 100  
166 126.8 102.2 153.2  
129 96.3 77.8 116.6  
131 95.7 79.9 119.9



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

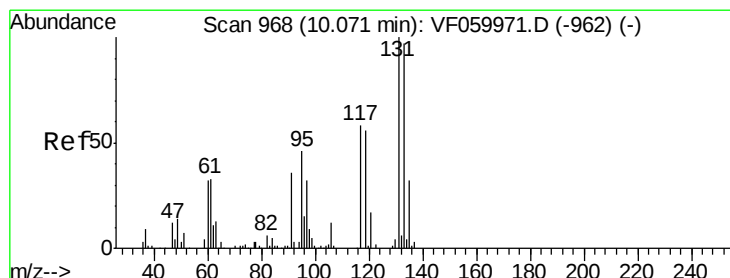
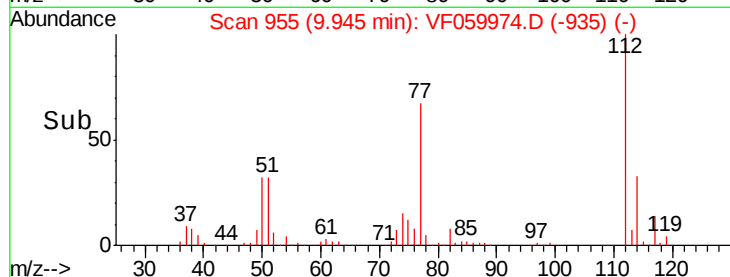
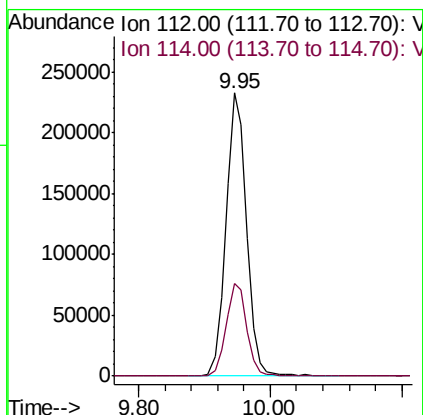
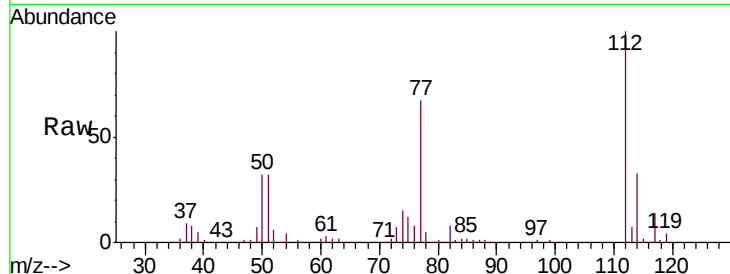




#65  
Chlorobenzene  
Concen: 139.292 ug/l  
RT: 9.95 min Scan# 955  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

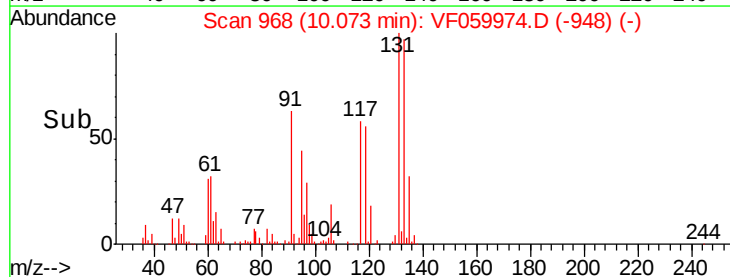
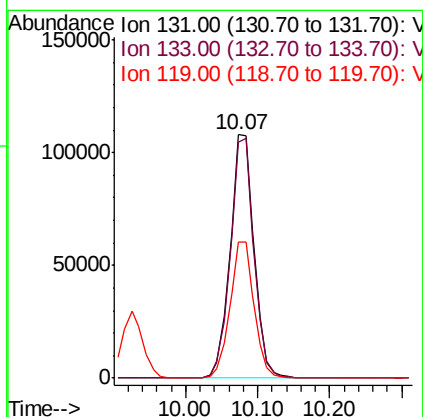
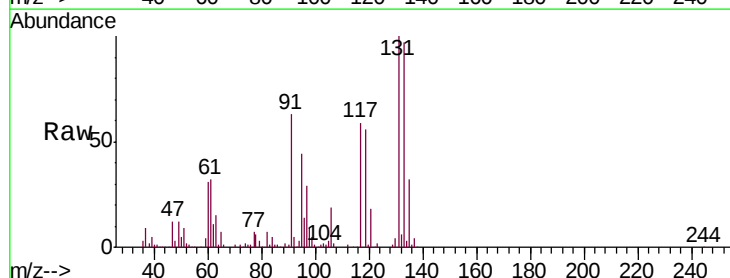
Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

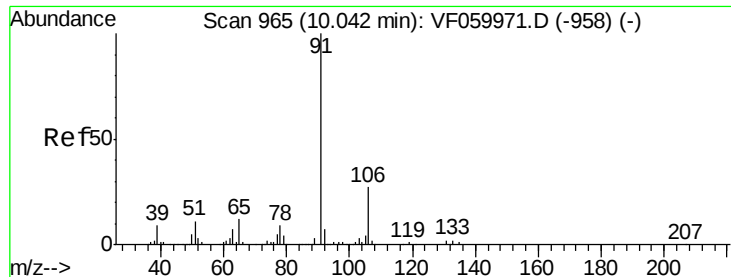
Tgt Ion:112 Resp: 508338  
Ion Ratio Lower Upper  
112 100  
114 32.7 27.0 40.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 141.638 ug/l  
RT: 10.07 min Scan# 968  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

Tgt Ion:131 Resp: 249327  
Ion Ratio Lower Upper  
131 100  
133 97.0 48.5 145.6  
119 56.0 28.4 85.2

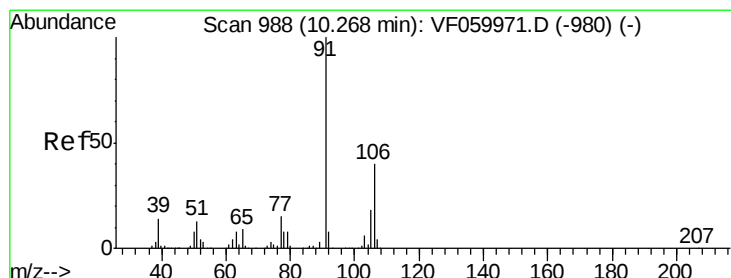
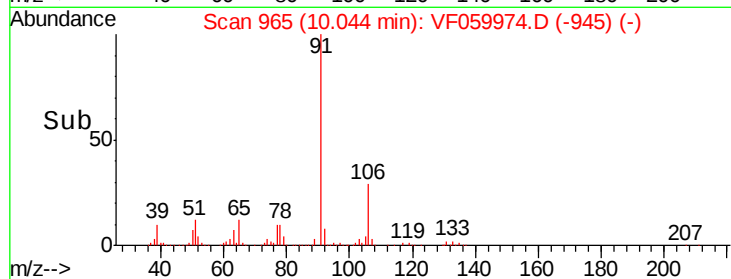
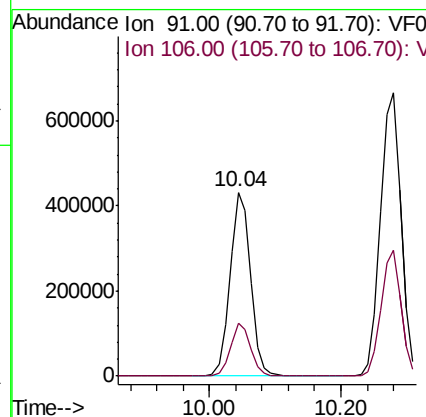
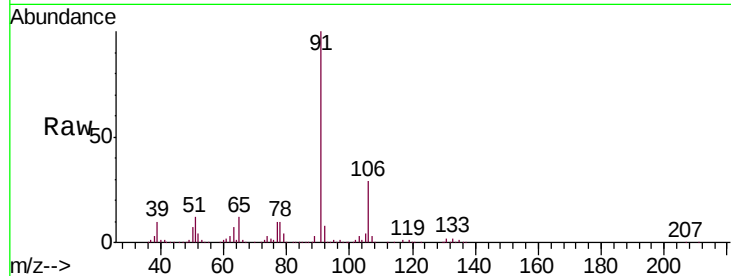




#67  
Ethyl Benzene  
Concen: 146.009 ug/l  
RT: 10.04 min Scan# 965  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

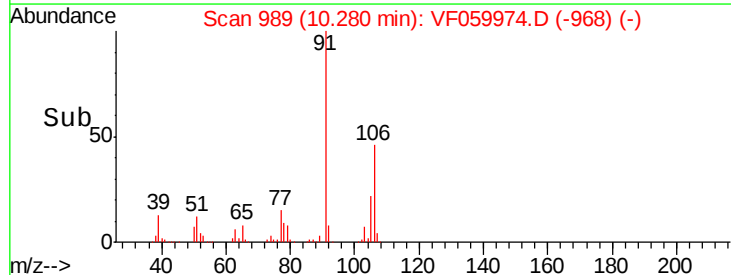
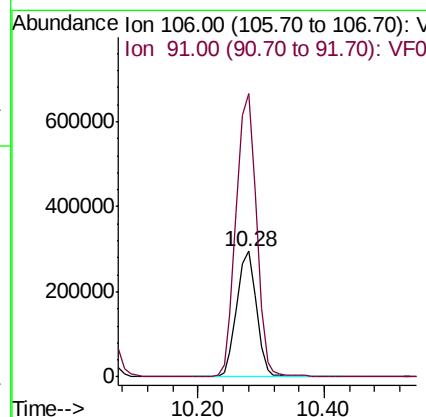
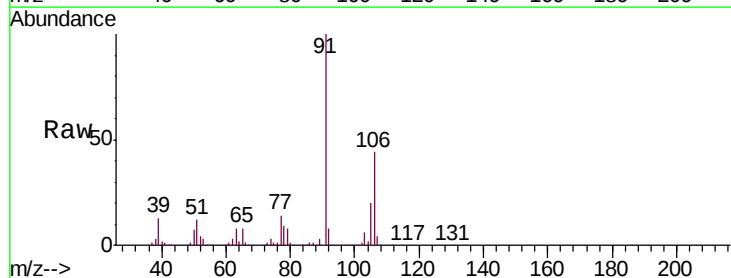
Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

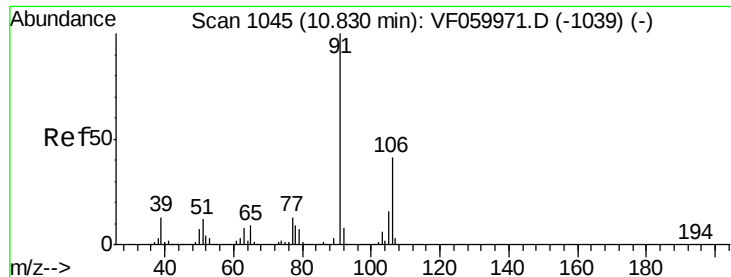
Tgt Ion: 91 Resp: 943760  
Ion Ratio Lower Upper  
91 100  
106 28.6 21.8 32.8



#68  
m/p-Xylenes  
Concen: 293.041 ug/l  
RT: 10.28 min Scan# 989  
Delta R.T. 0.01 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

Tgt Ion: 106 Resp: 638279  
Ion Ratio Lower Upper  
106 100  
91 225.8 198.0 297.0

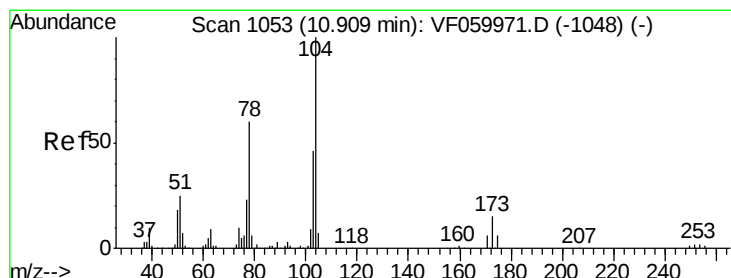
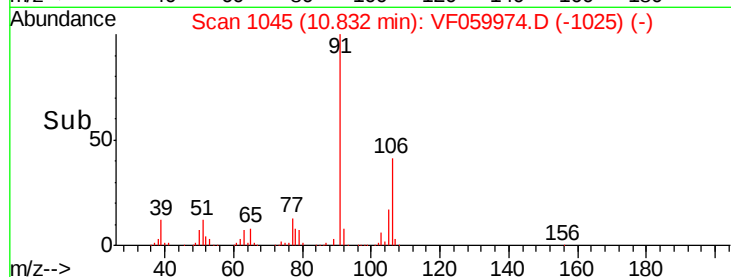
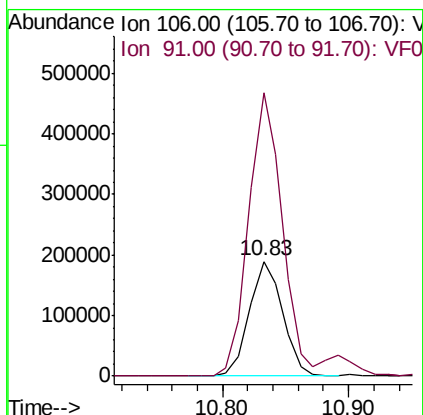
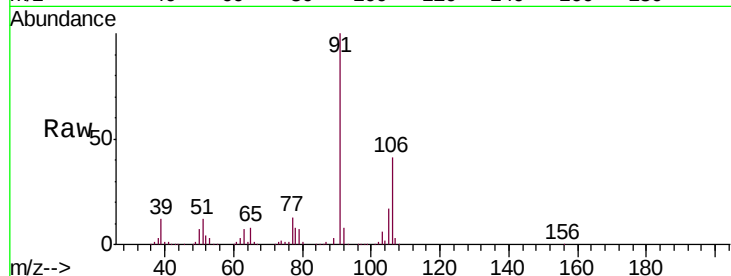




#69  
o-Xylene  
Concen: 147.840 ug/l  
RT: 10.83 min Scan# 1045  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

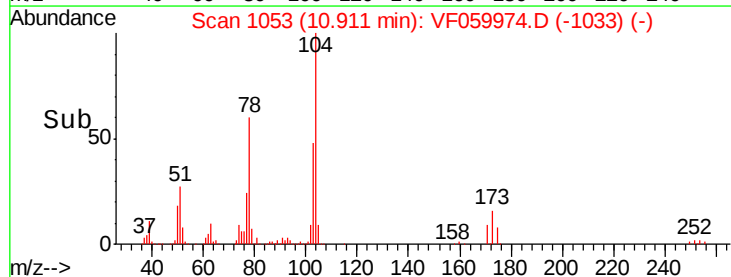
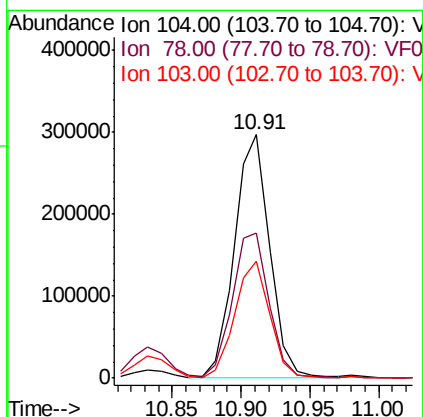
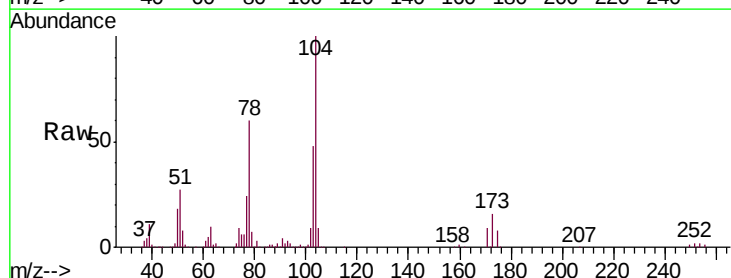
Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

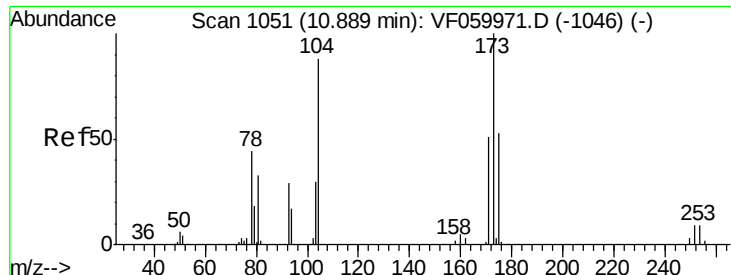
Tgt Ion:106 Resp: 349094  
Ion Ratio Lower Upper  
106 100  
91 246.9 121.9 365.7



#70  
Styrene  
Concen: 148.629 ug/l  
RT: 10.91 min Scan# 1053  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

Tgt Ion:104 Resp: 526557  
Ion Ratio Lower Upper  
104 100  
78 59.7 49.0 73.4  
103 47.8 37.5 56.3





#71

Bromoform

Concen: 194.320 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

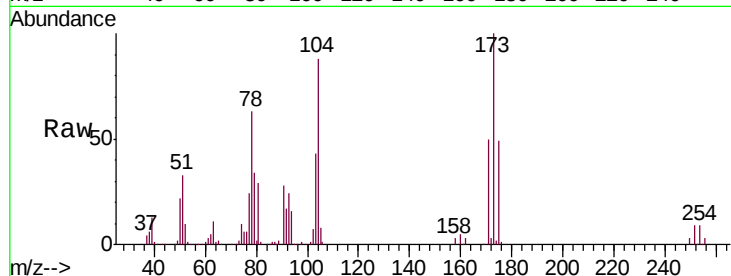
Tgt Ion:173 Resp: 225792

Ion Ratio Lower Upper

173 100

175 50.0 26.3 78.8

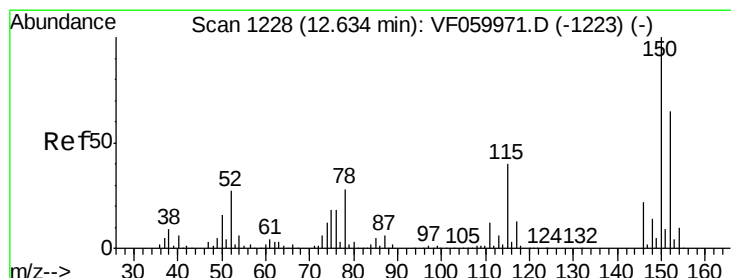
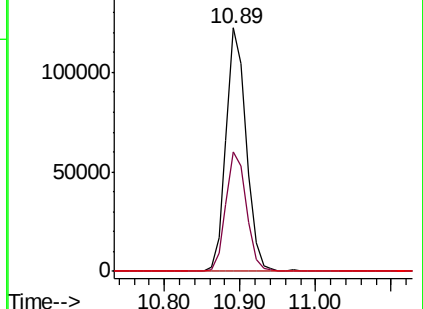
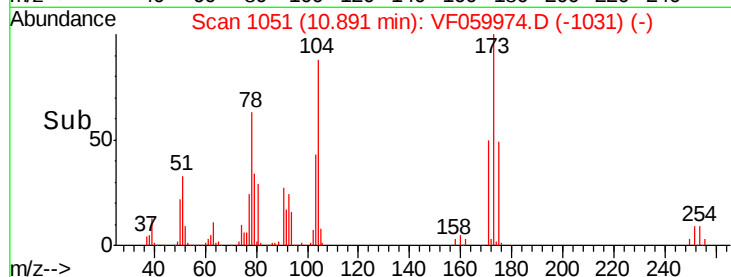
254 0.1 0.0 0.0#



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: VF059974.D

Acq: 16 Aug 2018 21:58

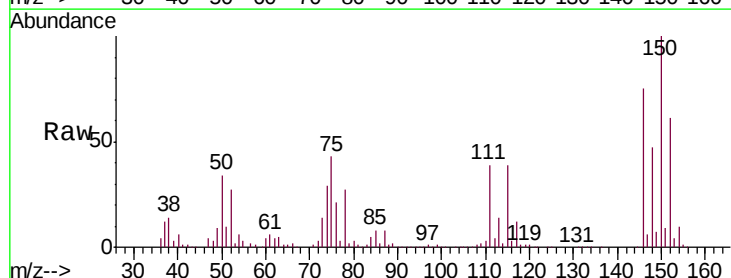
Tgt Ion:152 Resp: 129886

Ion Ratio Lower Upper

152 100

115 64.1 30.6 92.0

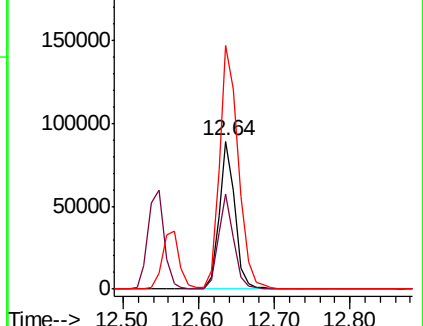
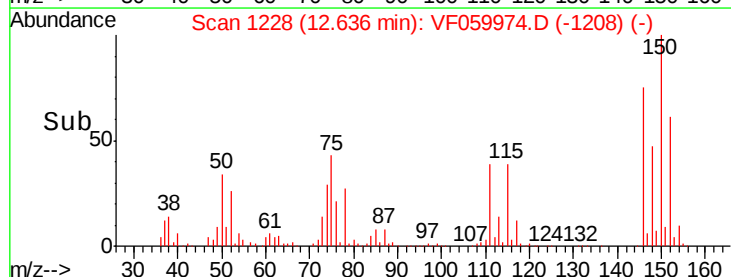
150 164.6 0.0 308.2

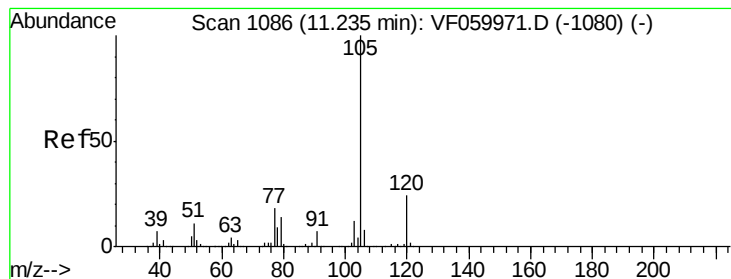


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 135.391 ug/l

RT: 11.24 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

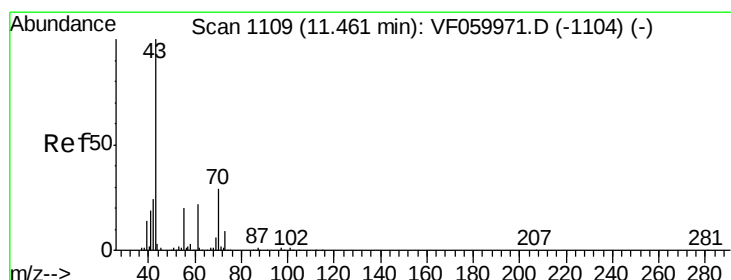
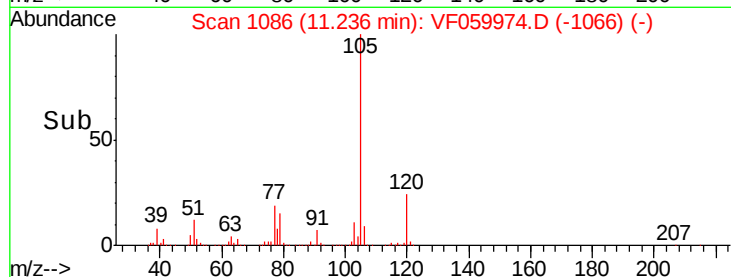
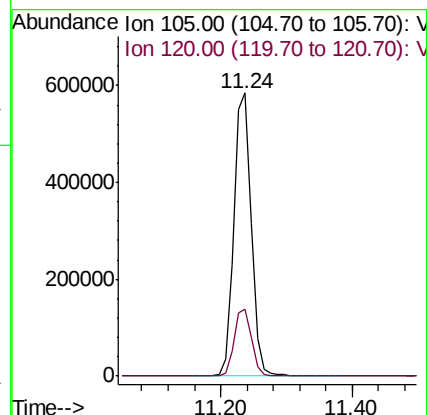
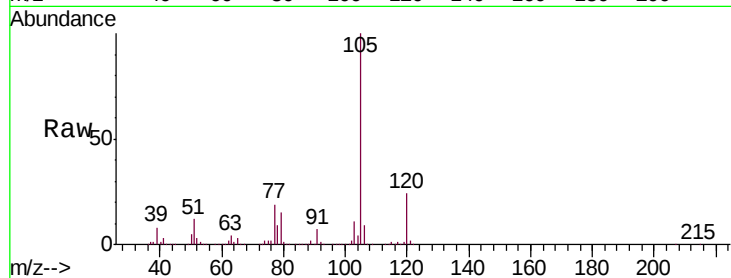
VSTDIC150

Tgt Ion:105 Resp: 1087274

Ion Ratio Lower Upper

105 100

120 23.7 11.9 35.5



#74

N-ethyl acetate

Concen: 216.709 ug/l

RT: 11.47 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Tgt Ion: 43 Resp: 421813

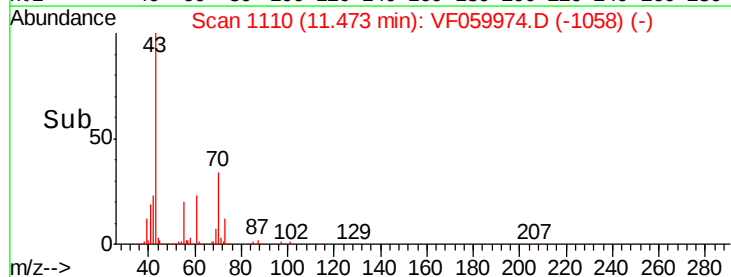
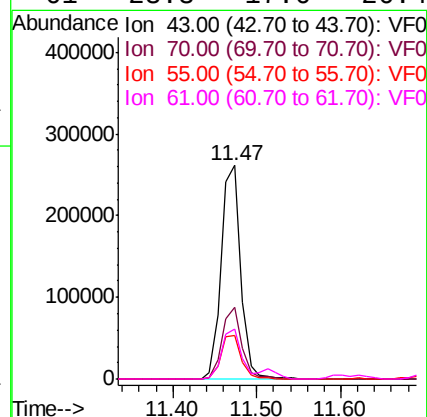
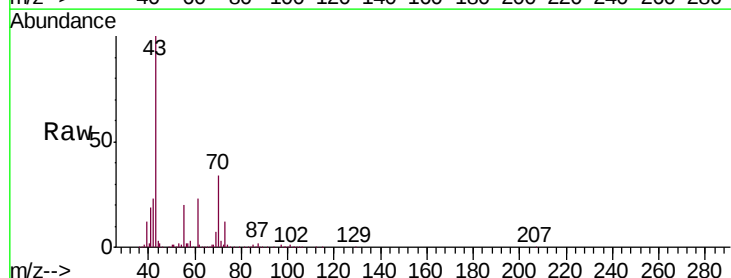
Ion Ratio Lower Upper

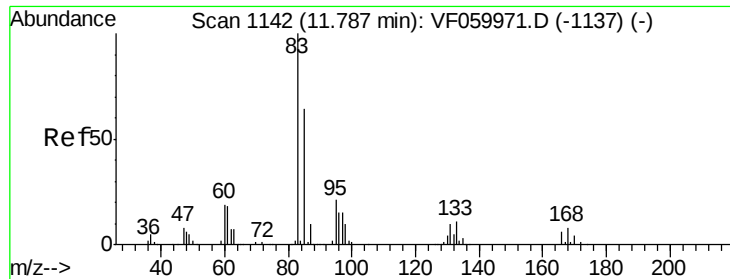
43 100

70 33.8 23.2 34.8

55 20.2 15.8 23.8

61 23.3 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 182.147 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

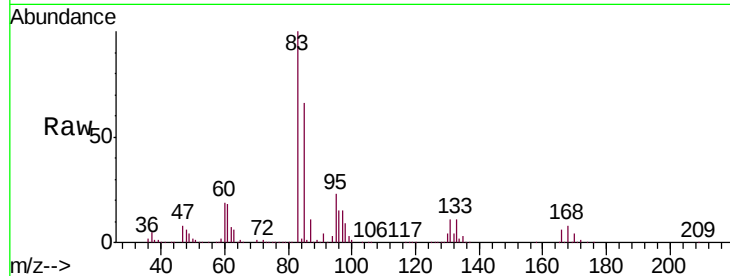
Tgt Ion: 83 Resp: 264853

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.4

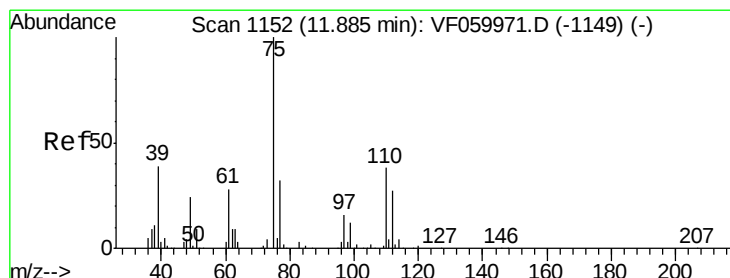
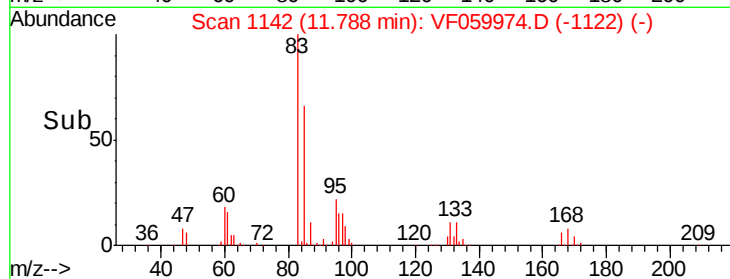
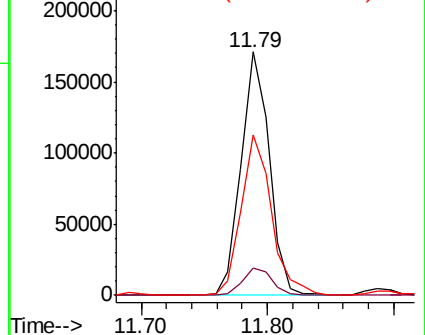
85 66.2 32.3 96.9



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 189.789 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. 0.00 min

Lab File: VF059974.D

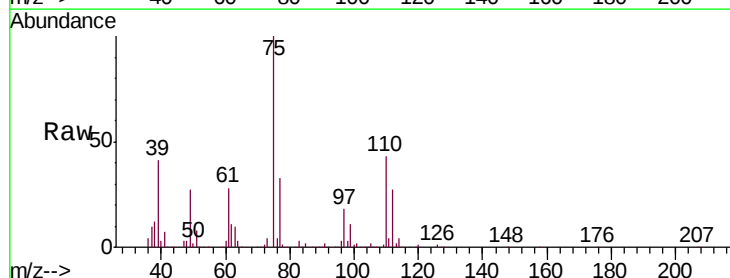
Acq: 16 Aug 2018 21:58

Tgt Ion: 75 Resp: 239291

Ion Ratio Lower Upper

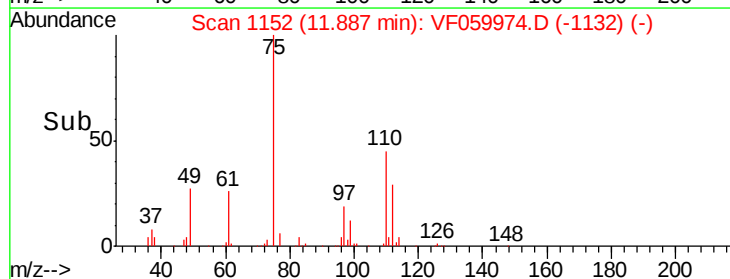
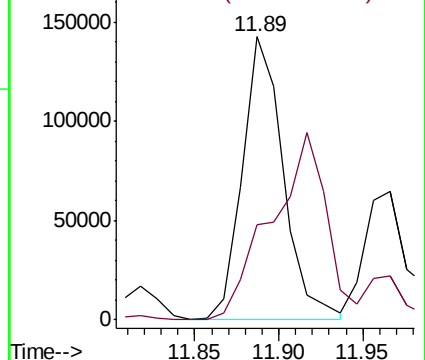
75 100

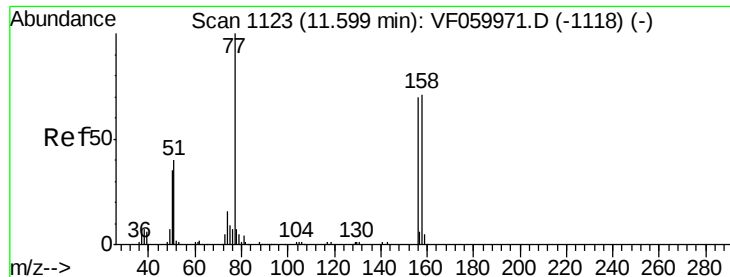
77 33.5 16.2 48.5



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 140.749 ug/l

RT: 11.60 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

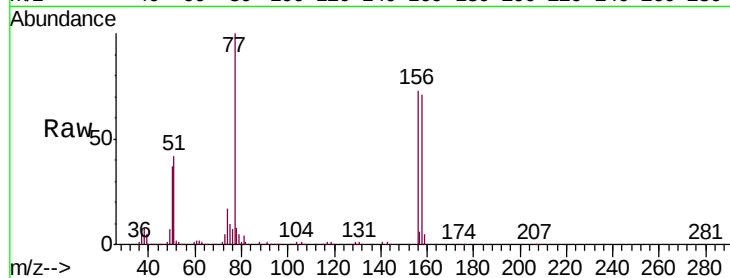
Tgt Ion:156 Resp: 301886

Ion Ratio Lower Upper

156 100

77 137.6 71.9 215.6

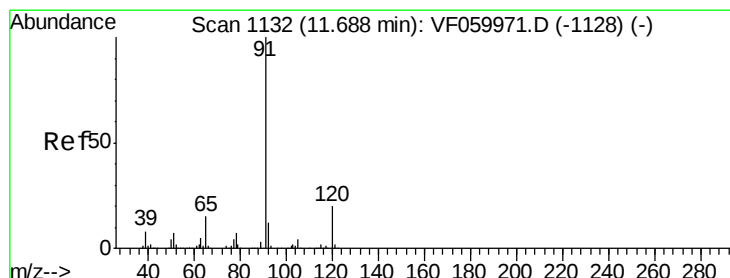
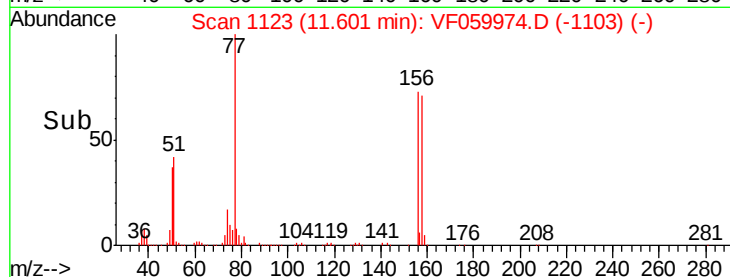
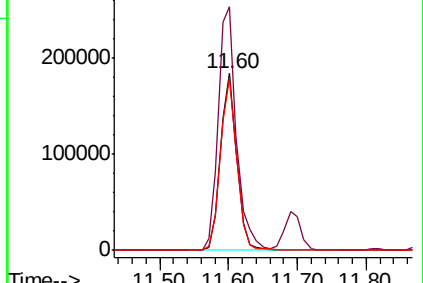
158 97.4 51.2 153.6



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: 132.827 ug/l

RT: 11.69 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VF059974.D

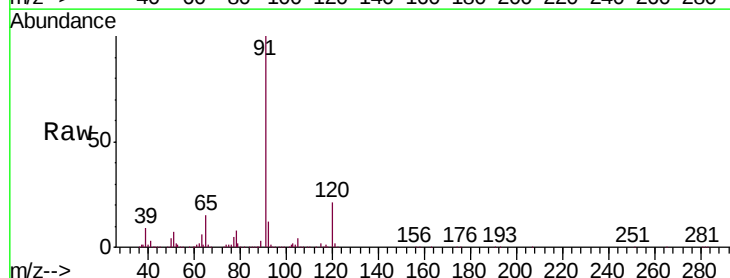
Acq: 16 Aug 2018 21:58

Tgt Ion: 91 Resp: 1257363

Ion Ratio Lower Upper

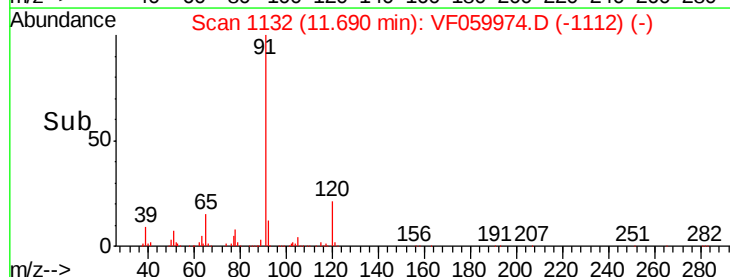
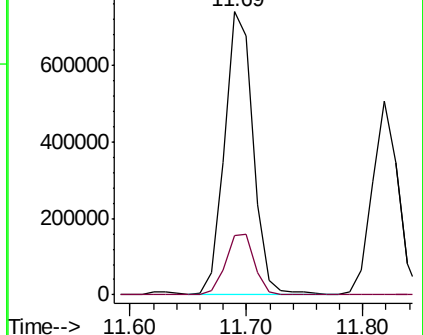
91 100

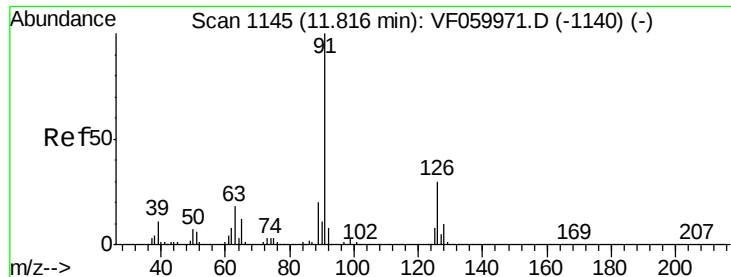
120 21.0 10.2 30.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

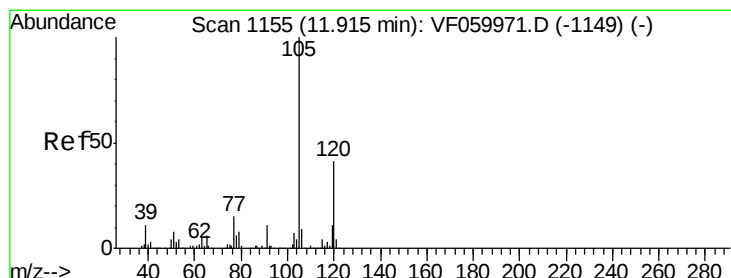
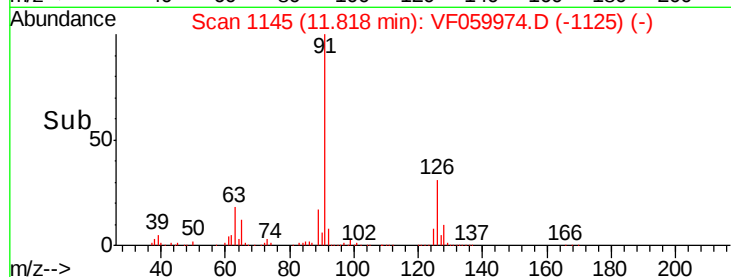
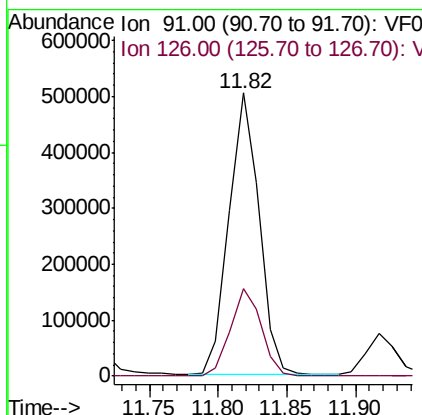
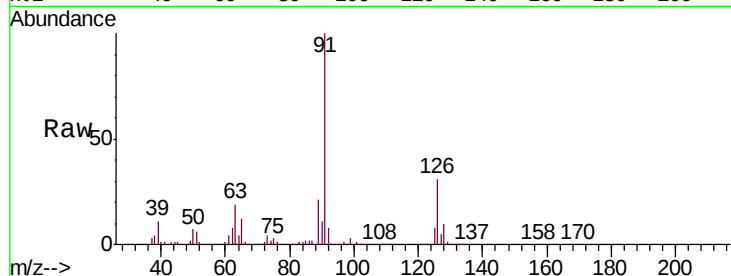




#79  
 2-Chlorotoluene  
 Concen: 130.207 ug/l  
 RT: 11.82 min Scan# 1145  
 Delta R.T. 0.00 min  
 Lab File: VF059974.D  
 Acq: 16 Aug 2018 21:58

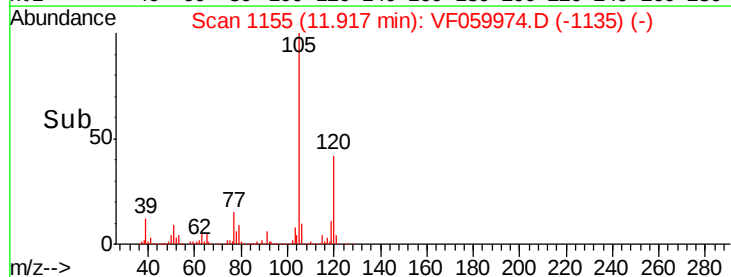
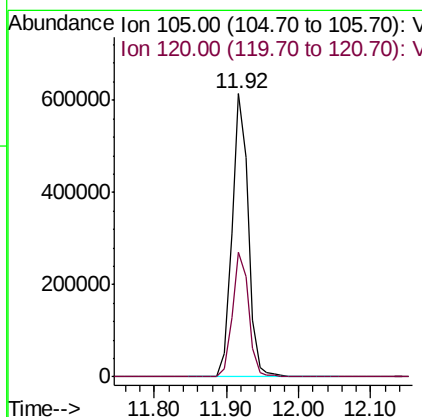
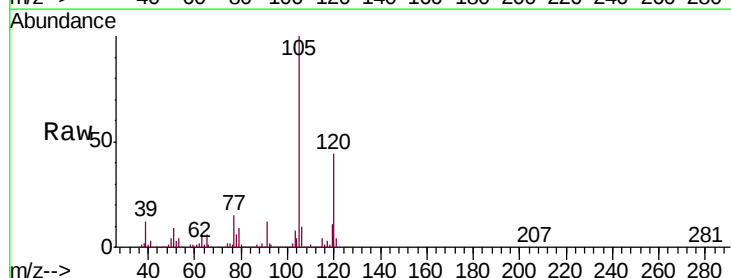
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

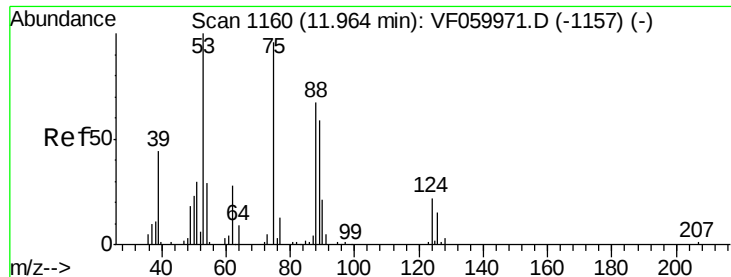
Tgt Ion: 91 Resp: 774653  
 Ion Ratio Lower Upper  
 91 100  
 126 31.0 14.9 44.9



#80  
 1,3,5-Trimethylbenzene  
 Concen: 128.161 ug/l  
 RT: 11.92 min Scan# 1155  
 Delta R.T. 0.00 min  
 Lab File: VF059974.D  
 Acq: 16 Aug 2018 21:58

Tgt Ion: 105 Resp: 959304  
 Ion Ratio Lower Upper  
 105 100  
 120 43.9 20.6 61.8





#81

trans-1,4-Dichloro-2-butene

Concen: 256.546 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

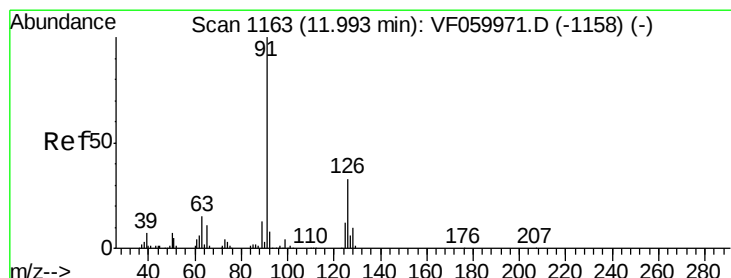
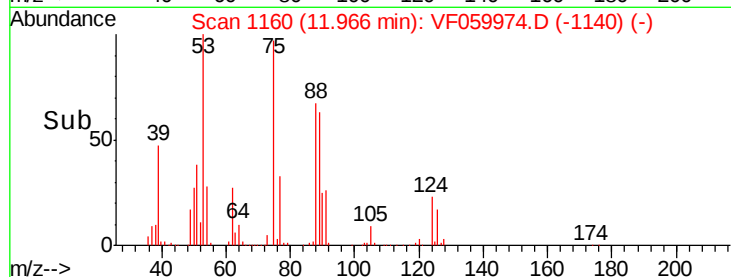
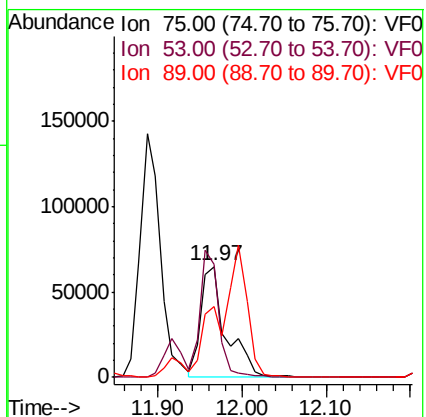
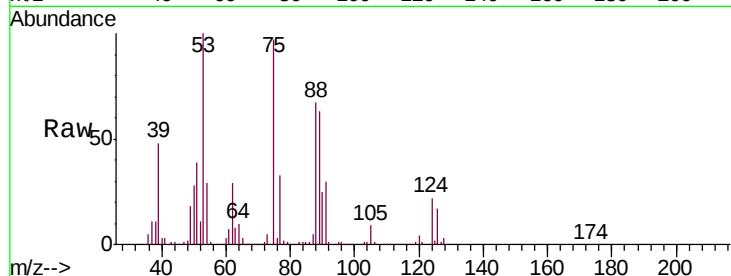
Tgt Ion: 75 Resp: 135294

Ion Ratio Lower Upper

75 100

53 102.6 85.1 127.7

89 64.2 50.2 75.4



#82

4-Chlorotoluene

Concen: 135.545 ug/l

RT: 12.00 min Scan# 1163

Delta R.T. 0.00 min

Lab File: VF059974.D

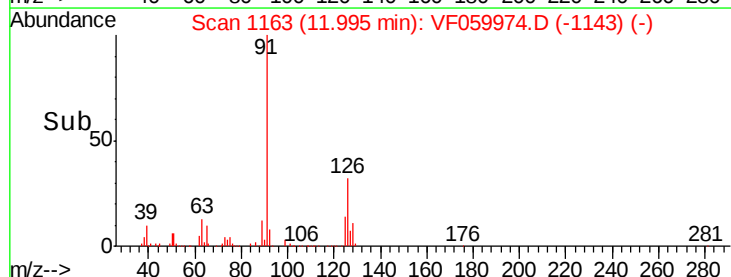
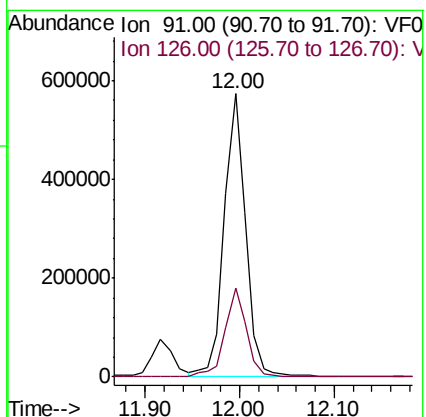
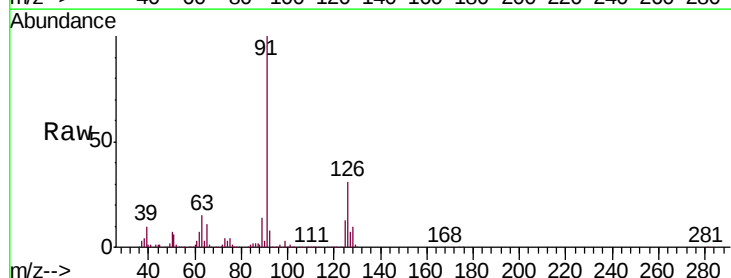
Acq: 16 Aug 2018 21:58

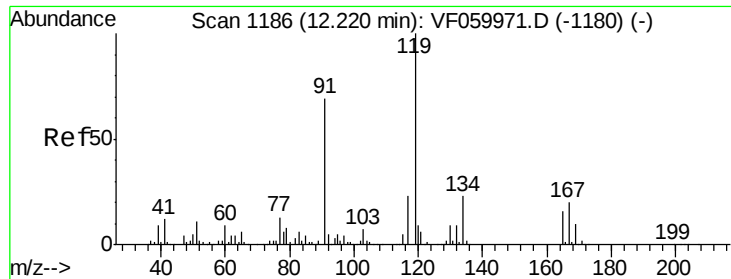
Tgt Ion: 91 Resp: 892495

Ion Ratio Lower Upper

91 100

126 31.2 16.4 49.2

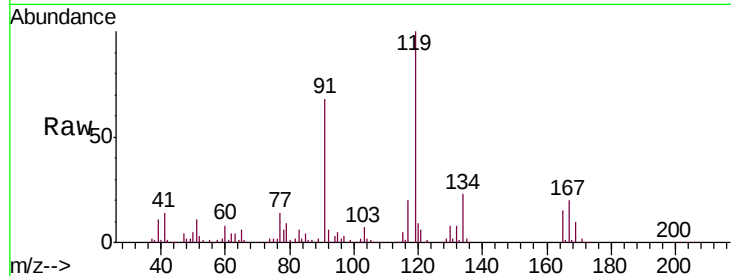




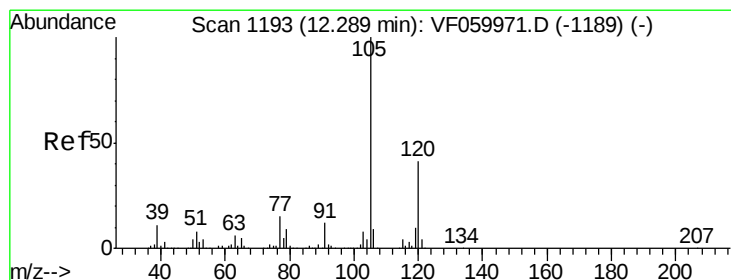
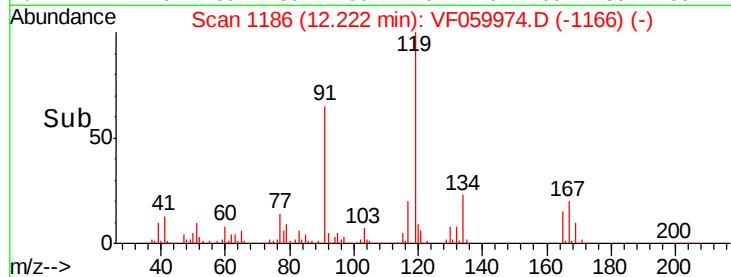
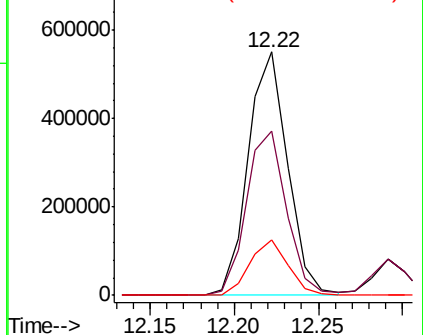
#83  
 tert-Butylbenzene  
 Concen: 122.076 ug/l  
 RT: 12.22 min Scan# 1186  
 Delta R.T. 0.00 min  
 Lab File: VF059974.D  
 Acq: 16 Aug 2018 21:58

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

Tgt Ion:119 Resp: 894399  
 Ion Ratio Lower Upper  
 119 100  
 91 67.7 34.8 104.3  
 134 22.7 11.5 34.4

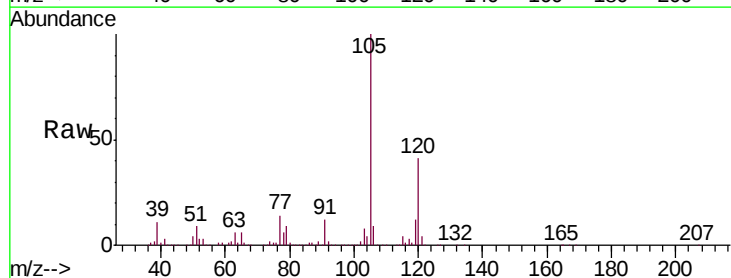


Abundance Ion 119.00 (118.70 to 119.70): V  
 Ion 91.00 (90.70 to 91.70): VF0  
 Ion 134.00 (133.70 to 134.70): V

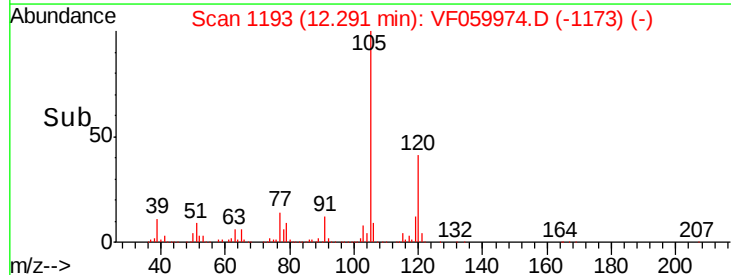
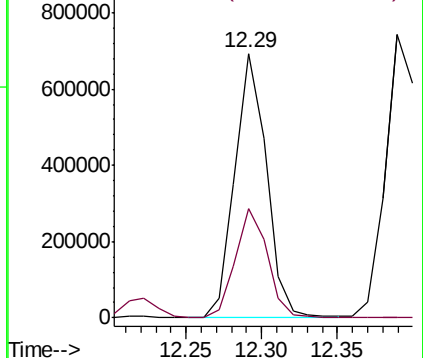


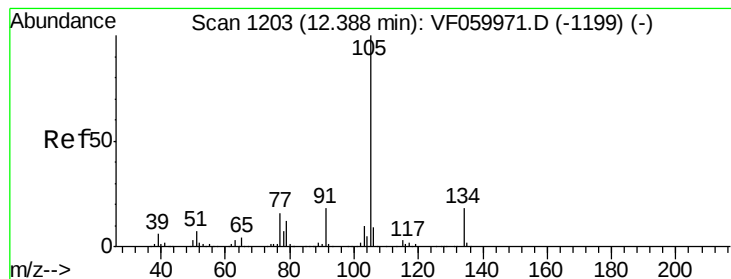
#84  
 1,2,4-Trimethylbenzene  
 Concen: 134.071 ug/l  
 RT: 12.29 min Scan# 1193  
 Delta R.T. 0.00 min  
 Lab File: VF059974.D  
 Acq: 16 Aug 2018 21:58

Tgt Ion:105 Resp: 1008828  
 Ion Ratio Lower Upper  
 105 100  
 120 41.5 20.6 61.8



Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 124.097 ug/l

RT: 12.39 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

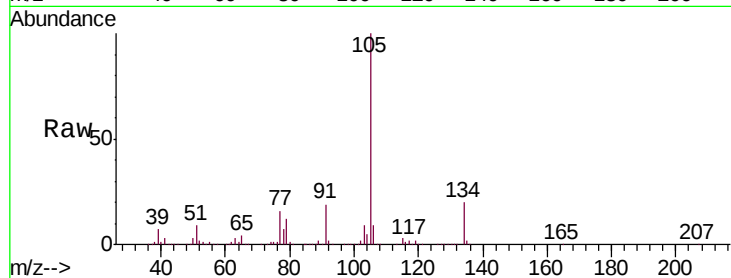
VSTDIC150

Tgt Ion:105 Resp: 1156814

Ion Ratio Lower Upper

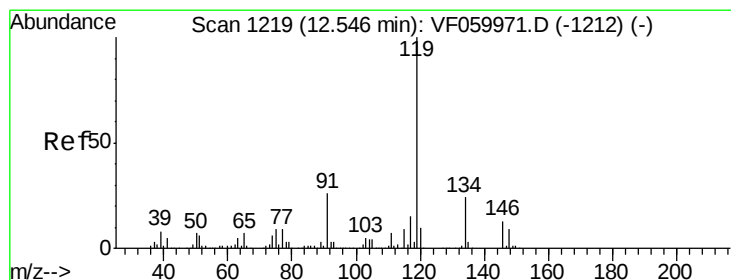
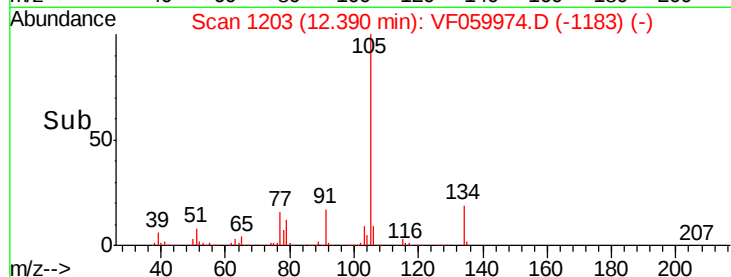
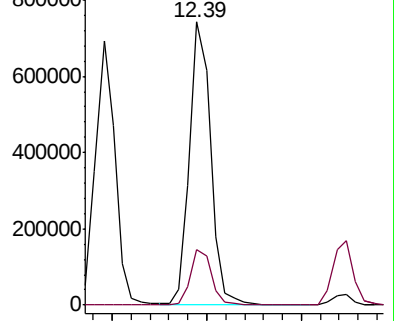
105 100

134 19.6 8.9 26.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 128.520 ug/l

RT: 12.55 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

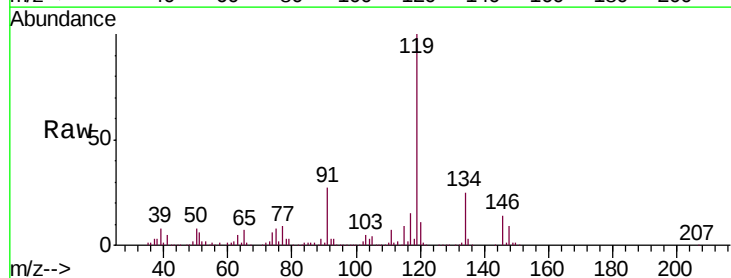
Tgt Ion:119 Resp: 1059242

Ion Ratio Lower Upper

119 100

134 24.9 12.0 36.1

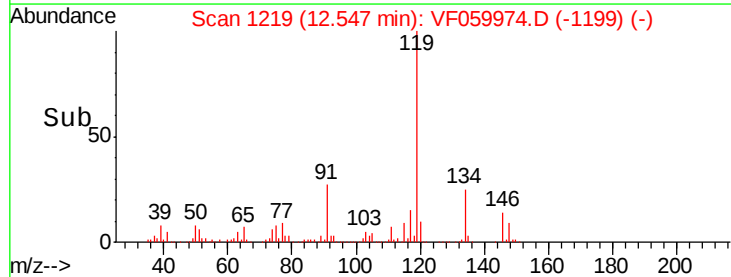
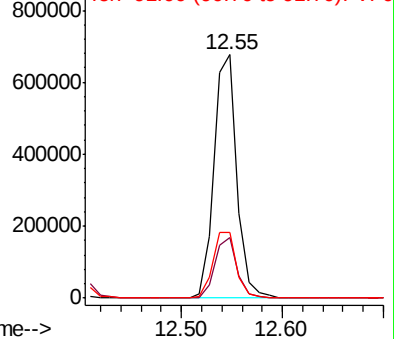
91 27.0 13.1 39.1

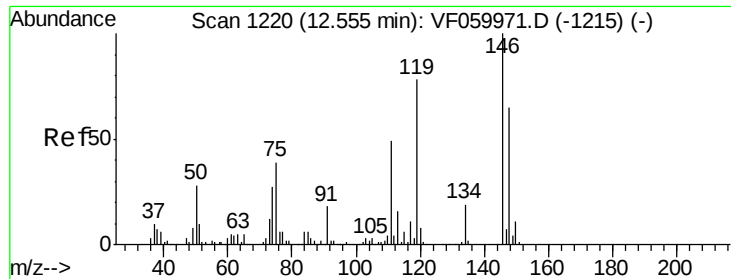


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0

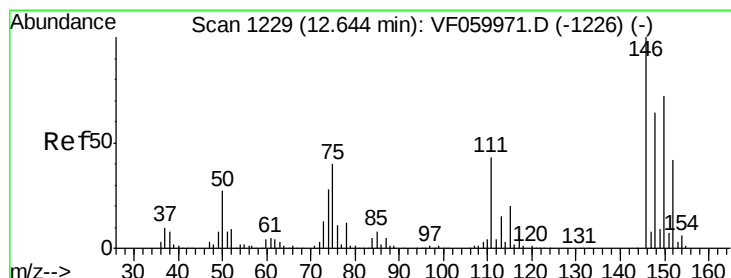
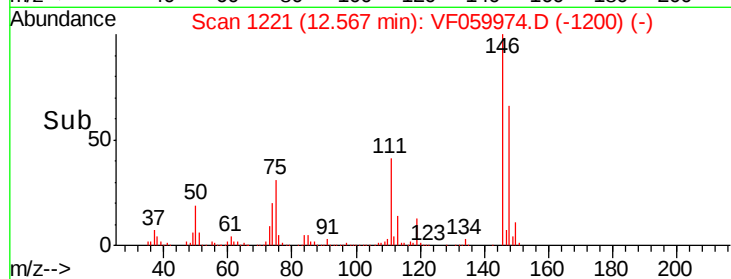
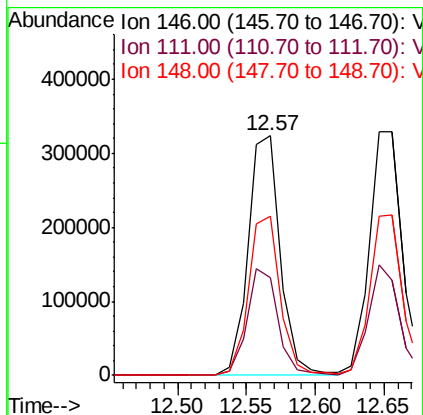
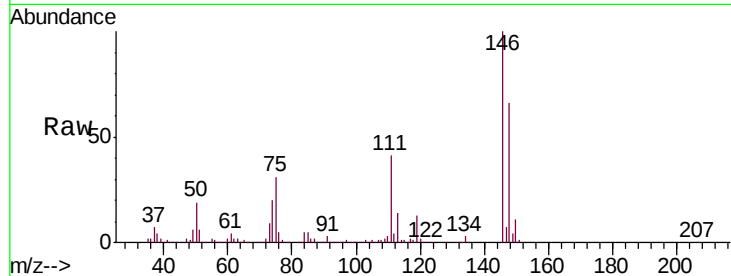




#87  
 1,3-Dichlorobenzene  
 Concen: 130.999 ug/l  
 RT: 12.57 min Scan# 1221  
 Delta R.T. 0.01 min  
 Lab File: VF059974.D  
 Acq: 16 Aug 2018 21:58

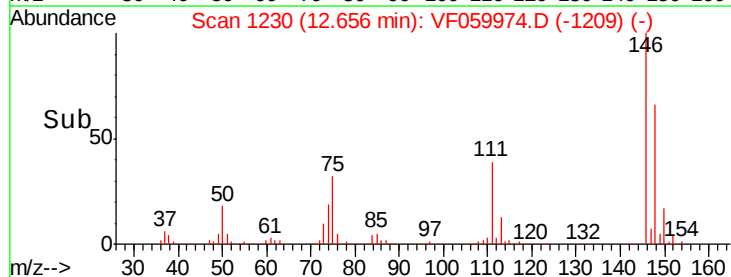
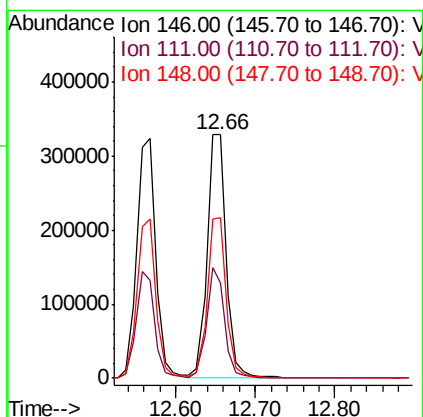
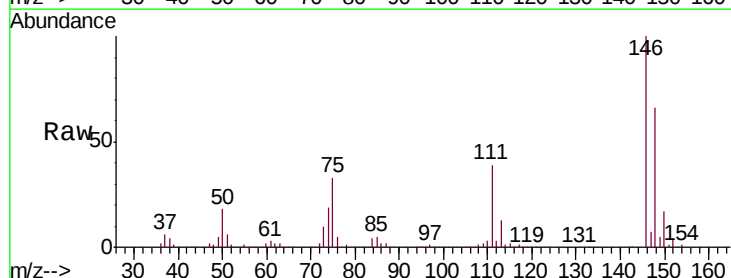
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

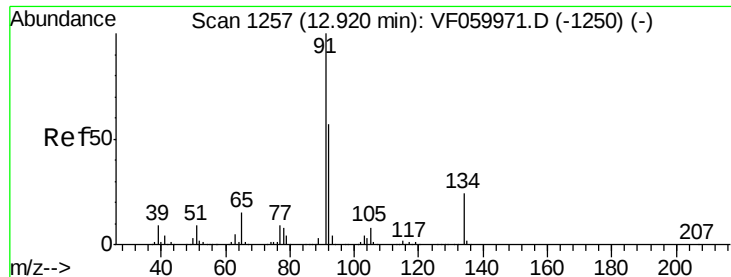
Tgt Ion:146 Resp: 530034  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 24.4 73.2  
 148 66.4 32.3 96.8



#88  
 1,4-Dichlorobenzene  
 Concen: 138.834 ug/l  
 RT: 12.66 min Scan# 1230  
 Delta R.T. 0.01 min  
 Lab File: VF059974.D  
 Acq: 16 Aug 2018 21:58

Tgt Ion:146 Resp: 551493  
 Ion Ratio Lower Upper  
 146 100  
 111 39.1 21.4 64.2  
 148 65.9 31.9 95.7





#89

n-Butylbenzene

Concen: 128.403 ug/l

RT: 12.92 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VF059974.D

Acq: 16 Aug 2018 21:58

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

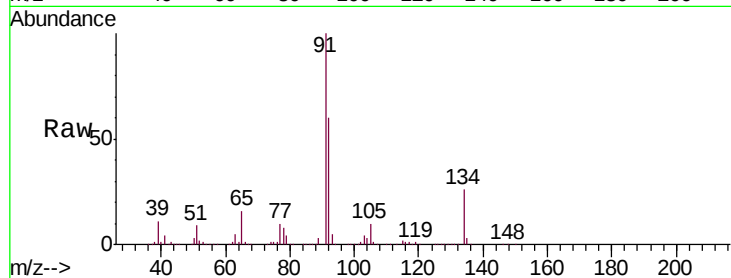
Tgt Ion: 91 Resp: 1024092

Ion Ratio Lower Upper

91 100

92 59.8 28.3 85.0

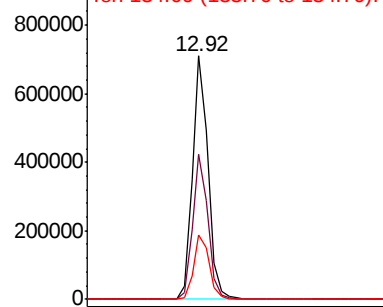
134 26.2 11.9 35.7



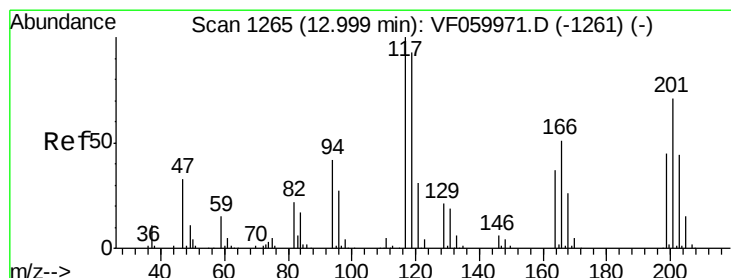
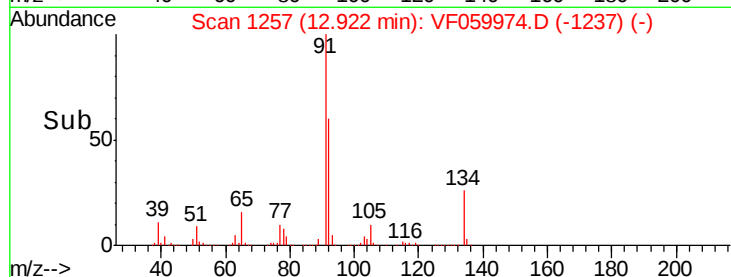
Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



Time--> 12.80 12.90 13.00 13.10



#90

Hexachloroethane

Concen: 126.528 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VF059974.D

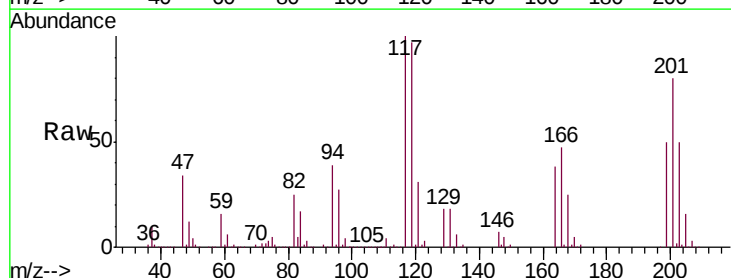
Acq: 16 Aug 2018 21:58

Tgt Ion: 117 Resp: 255783

Ion Ratio Lower Upper

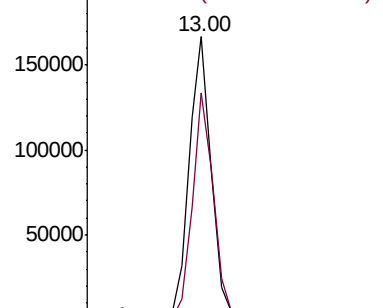
117 100

201 80.3 35.3 105.7

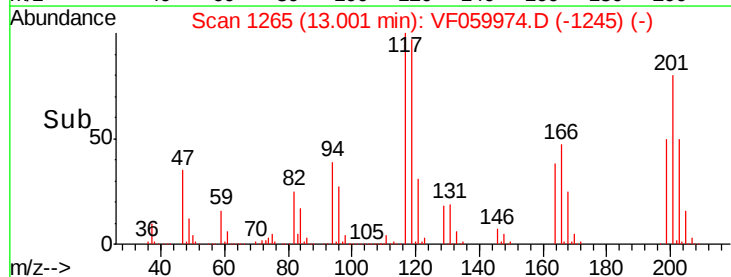


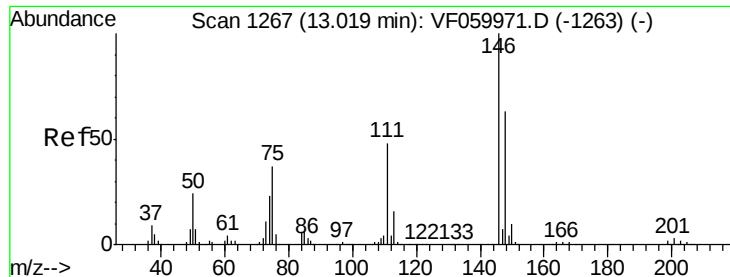
Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



Time--> 12.90 13.00 13.10

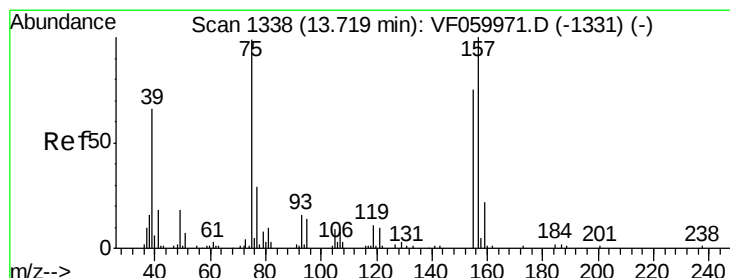
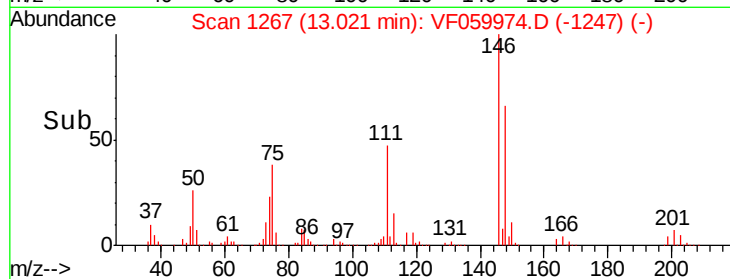
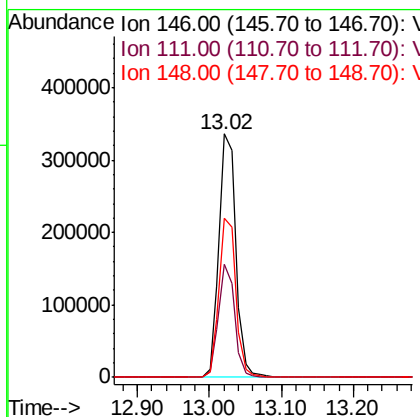
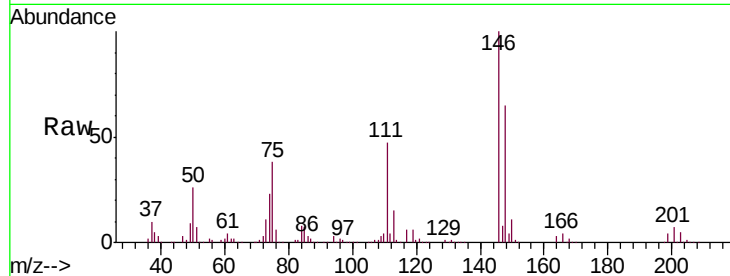




#91  
 1,2-Dichlorobenzene  
 Concen: 136.514 ug/l  
 RT: 13.02 min Scan# 1267  
 Delta R.T. 0.00 min  
 Lab File: VF059974.D  
 Acq: 16 Aug 2018 21:58

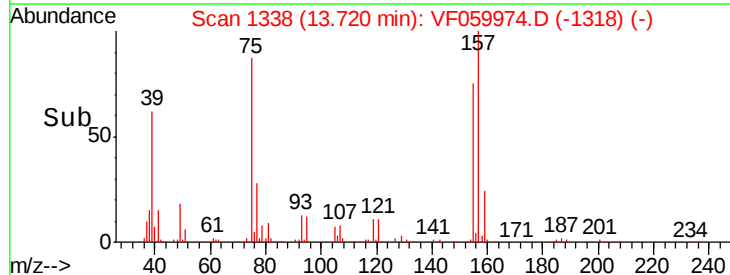
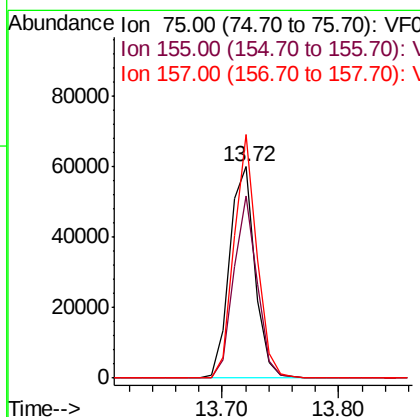
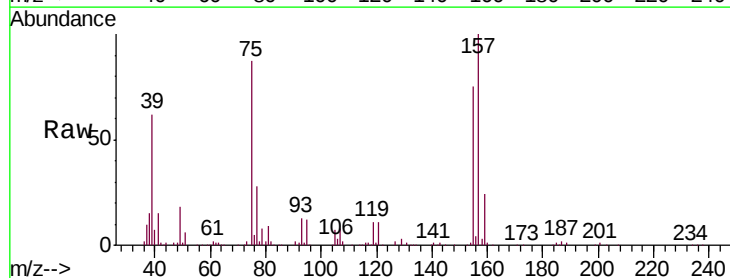
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

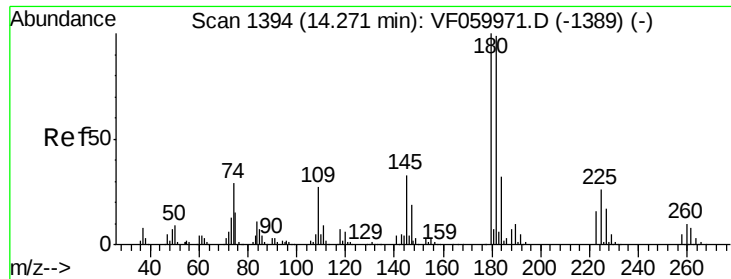
Tgt Ion: 146 Resp: 541578  
 Ion Ratio Lower Upper  
 146 100  
 111 46.6 23.9 71.8  
 148 65.5 31.4 94.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 222.778 ug/l  
 RT: 13.72 min Scan# 1338  
 Delta R.T. 0.00 min  
 Lab File: VF059974.D  
 Acq: 16 Aug 2018 21:58

Tgt Ion: 75 Resp: 91346  
 Ion Ratio Lower Upper  
 75 100  
 155 85.9 38.0 114.0  
 157 115.1 50.6 151.8

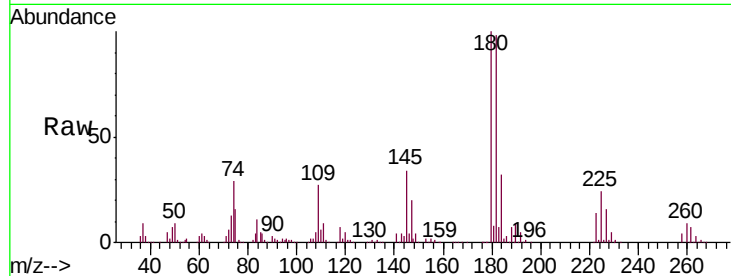




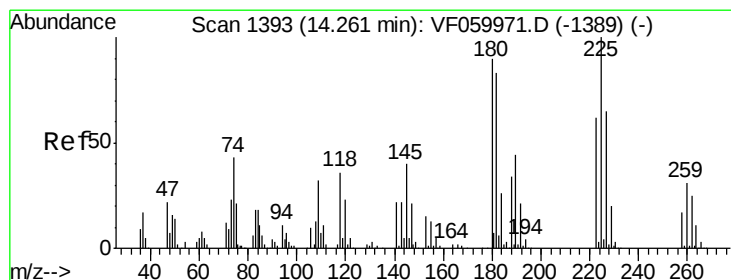
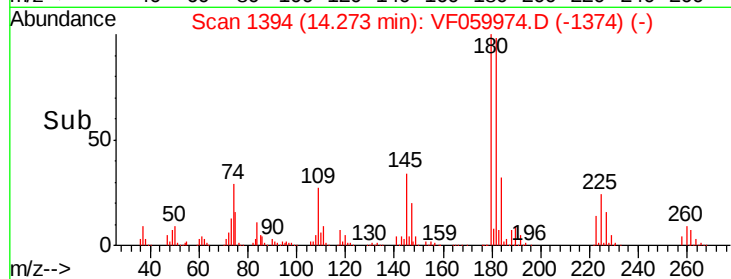
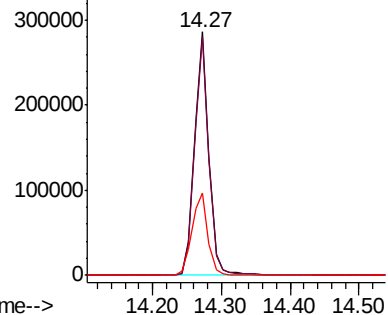
#93  
 1,2,4-Trichlorobenzene  
 Concen: 130.840 ug/l  
 RT: 14.27 min Scan# 1394  
 Delta R.T. 0.00 min  
 Lab File: VF059974.D  
 Acq: 16 Aug 2018 21:58

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

Tgt Ion:180 Resp: 412209  
 Ion Ratio Lower Upper  
 180 100  
 182 98.0 49.7 149.1  
 145 33.9 16.4 49.4

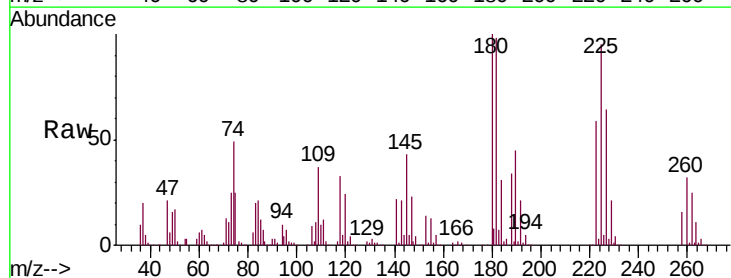


Abundance Ion 180.00 (179.70 to 180.70): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 145.00 (144.70 to 145.70): V

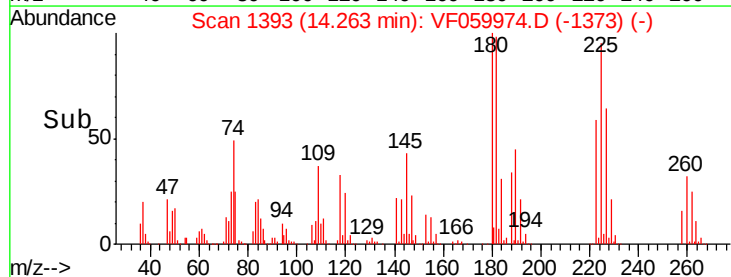
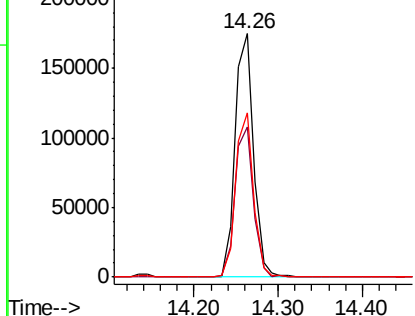


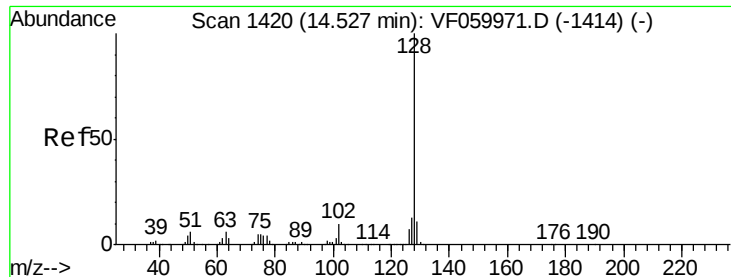
#94  
 Hexachlorobutadiene  
 Concen: 119.689 ug/l  
 RT: 14.26 min Scan# 1393  
 Delta R.T. 0.00 min  
 Lab File: VF059974.D  
 Acq: 16 Aug 2018 21:58

Tgt Ion:225 Resp: 264718  
 Ion Ratio Lower Upper  
 225 100  
 223 61.8 31.0 93.0  
 227 67.3 32.4 97.2



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

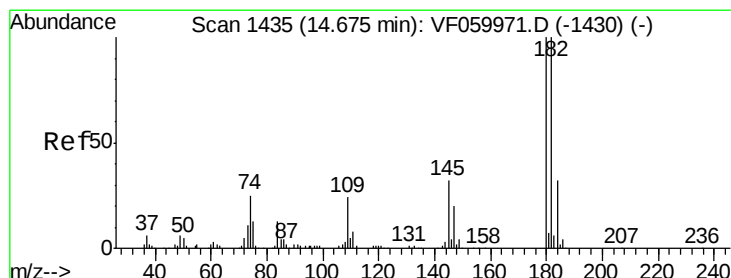
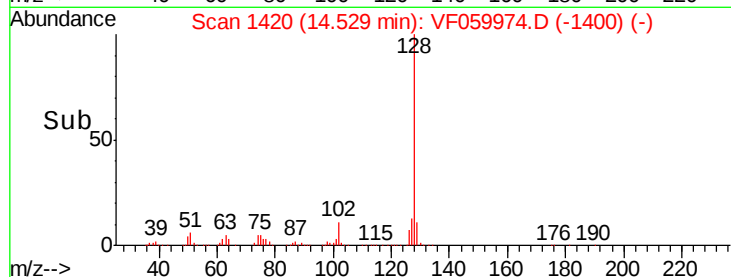
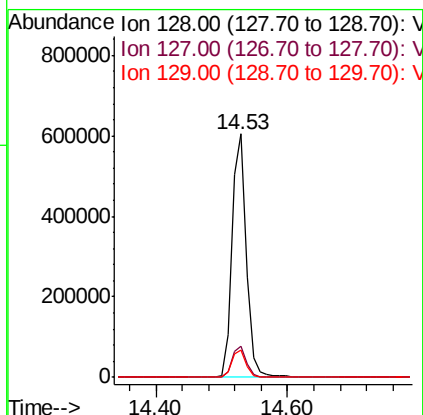
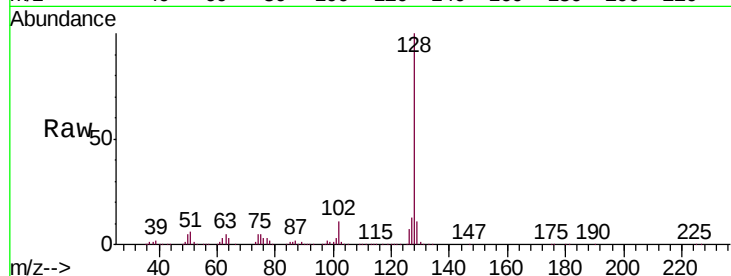




#95  
Naphthalene  
Concen: 175.362 ug/l  
RT: 14.53 min Scan# 1420  
Delta R.T. 0.00 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

Tgt Ion:128 Resp: 926946  
Ion Ratio Lower Upper  
128 100  
127 12.6 10.2 15.4  
129 11.3 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 143.992 ug/l  
RT: 14.67 min Scan# 1434  
Delta R.T. -0.01 min  
Lab File: VF059974.D  
Acq: 16 Aug 2018 21:58

Tgt Ion:180 Resp: 436280  
Ion Ratio Lower Upper  
180 100  
182 98.5 49.9 149.7  
145 35.7 16.2 48.5

