

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD100118\  
 Data File : VD060103.D  
 Acq On : 1 Oct 2018 18:18  
 Operator : VA/AP  
 Sample : VSTDIC075  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Quant Time: Oct 02 02:12:34 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D100118S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 02 02:08:01 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 6.37  | 168  | 1505374  | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 7.42  | 114  | 2072505  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.27 | 117  | 1662760  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.36 | 152  | 896264   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.76  | 65   | 843708   | 71.99  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 143.98% |          |
| 35) Dibromofluoromethane    | 6.29  | 113  | 1179153  | 72.68  | ug/l    | -0.01    |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 145.36% |          |
| 50) Toluene-d8              | 9.43  | 98   | 3361255  | 74.08  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 148.16% |          |
| 62) 4-Bromofluorobenzene    | 12.42 | 95   | 1232467  | 71.83  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 143.66% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 3) Chloromethane              | 1.73 | 50   | 912790   | 65.534  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.82 | 62   | 762650   | 68.211  | ug/l  | 100    |
| 5) Bromomethane               | 2.10 | 94   | 72482    | 55.863  | ug/l  | 96     |
| 6) Chloroethane               | 2.21 | 64   | 214032   | 86.096  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 2.47 | 101  | 899488   | 73.123  | ug/l  | 97     |
| 8) Diethyl Ether              | 2.79 | 74   | 185505   | 70.855  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.05 | 101  | 553011   | 71.585  | ug/l  | 97     |
| 10) Methyl Iodide             | 3.21 | 142  | 677302   | 82.163  | ug/l  | 97     |
| 11) Tert butyl alcohol        | 3.93 | 59   | 305991   | 328.625 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 3.03 | 96   | 434324   | 70.999  | ug/l  | 98     |
| 13) Acrolein                  | 2.95 | 56   | 162680   | 282.801 | ug/l  | 98     |
| 14) Allyl chloride            | 3.49 | 41   | 920374   | 71.521  | ug/l  | 99     |
| 15) Acrylonitrile             | 4.04 | 53   | 1206685  | 341.916 | ug/l  | 98     |
| 16) Acetone                   | 3.13 | 43   | 678842   | 305.129 | ug/l  | 99     |
| 17) Carbon Disulfide          | 3.27 | 76   | 1510262  | 71.813  | ug/l  | 100    |
| 18) Methyl Acetate            | 3.51 | 43   | 327152   | 71.407  | ug/l  | 97     |
| 19) Methyl tert-butyl Ether   | 4.08 | 73   | 1958687  | 69.379  | ug/l  | 100    |
| 20) Methylene Chloride        | 3.68 | 84   | 1151212  | 60.678  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 4.05 | 96   | 1148960  | 71.474  | ug/l  | 99     |
| 22) Diisopropyl ether         | 4.82 | 45   | 4102104  | 70.207  | ug/l  | 99     |
| 23) Vinyl Acetate             | 4.77 | 43   | 11500708 | 346.839 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 4.71 | 63   | 1890634  | 71.671  | ug/l  | 100    |
| 25) 2-Butanone                | 5.59 | 43   | 1806297  | 300.941 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 5.55 | 77   | 1392329  | 68.199  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 5.56 | 96   | 1212693  | 72.175  | ug/l  | 95     |
| 28) Bromochloromethane        | 5.89 | 49   | 879876   | 68.627  | ug/l  | 87     |
| 29) Tetrahydrofuran           | 5.92 | 42   | 1087281  | 337.781 | ug/l  | 99     |
| 30) Chloroform                | 6.07 | 83   | 1886718  | 70.823  | ug/l  | 97     |
| 31) Cyclohexane               | 6.33 | 56   | 1659730  | 64.993  | ug/l  | 100    |
| 32) 1,1,1-Trichloroethane     | 6.26 | 97   | 1570276  | 71.309  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 6.49 | 75   | 1410410  | 69.556  | ug/l  | 99     |
| 37) Ethyl Acetate             | 5.67 | 43   | 959036   | 68.496  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 6.46 | 117  | 1324873  | 70.359  | ug/l  | 99     |
| 39) Methylcyclohexane         | 8.01 | 83   | 1595815  | 69.364  | ug/l  | 98     |

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 Sample : VSTDIC075  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Quant Time: Oct 02 02:12:34 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D100118S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 02 02:08:01 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 40) Benzene                    | 6.76  | 78   | 3723476  | 71.954   | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.91  | 41   | 1079445  | 144.898  | ug/l # | 93       |
| 42) 1,2-Dichloroethane         | 6.87  | 62   | 1073576  | 69.172   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.32  | 43   | 1309652  | 70.591   | ug/l # | 99       |
| 44) Trichloroethene            | 7.71  | 130  | 1173656  | 73.021   | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 8.08  | 63   | 986084   | 71.189   | ug/l   | 99       |
| 46) Dibromomethane             | 8.18  | 93   | 648313   | 72.007   | ug/l   | 96       |
| 47) Bromodichloromethane       | 8.46  | 83   | 1403228  | 72.096   | ug/l   | 100      |
| 48) Methyl methacrylate        | 8.22  | 41   | 725700   | 70.164   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 8.20  | 88   | 146910   | 1427.324 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 9.32  | 43   | 3881560  | 304.975  | ug/l   | 99       |
| 52) Toluene                    | 9.52  | 92   | 2370305  | 70.969   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.90  | 75   | 1230952  | 67.723   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.08  | 75   | 1544922  | 71.235   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.16 | 97   | 793452   | 68.497   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.02 | 69   | 890999   | 69.779   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.37 | 76   | 1216014  | 71.280   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.90  | 63   | 2282824  | 362.551  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.47 | 43   | 2860368  | 311.442  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.63 | 129  | 1031739  | 73.823   | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 10.74 | 107  | 876082   | 73.272   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.23 | 164  | 1073311  | 74.112   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.29 | 112  | 2610284  | 73.827   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.40 | 131  | 852404   | 71.659   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.41 | 91   | 3901746  | 68.728   | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.55 | 106  | 3053375  | 146.030  | ug/l   | 99       |
| 69) o-Xylene                   | 11.92 | 106  | 1570610  | 75.321   | ug/l   | 100      |
| 70) Styrene                    | 11.94 | 104  | 2610250  | 74.549   | ug/l   | 100      |
| 71) Bromoform                  | 12.10 | 173  | 768961   | 75.527   | ug/l   | 100      |
| 73) Isopropylbenzene           | 12.27 | 105  | 4168179  | 71.570   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.12 | 43   | 1576545  | 68.779   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.55 | 83   | 919098   | 69.625   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.58 | 75   | 949711   | 70.503   | ug/l   | 99       |
| 77) Bromobenzene               | 12.53 | 156  | 1209101  | 71.654   | ug/l   | 83       |
| 78) n-propylbenzene            | 12.63 | 91   | 4929847  | 67.522   | ug/l   | 93       |
| 79) 2-Chlorotoluene            | 12.69 | 91   | 2831325  | 68.829   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.78 | 105  | 3131457  | 70.186   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.33 | 75   | 281259   | 69.291   | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.80 | 91   | 3115494  | 68.881   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.04 | 119  | 3691459  | 71.265   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.09 | 105  | 3296855  | 69.031   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.21 | 105  | 4231018  | 69.219   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.33 | 119  | 3500963  | 70.768   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.30 | 146  | 2098500  | 71.653   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.38 | 146  | 2108103  | 71.021   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.64 | 91   | 3319534  | 68.883   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.85 | 117  | 909397   | 74.337   | ug/l   | 59       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 1710613  | 70.770   | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.22 | 75   | 130841   | 64.888   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene     | 14.78 | 180  | 1529398  | 73.274   | ug/l   | 99       |

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Acq On : 1 Oct 2018 18:18  
Operator : VA/AP  
Sample : VSTDICC075  
Misc : 5.00g/5ml/MSVOA\_D/SOIL  
ALS Vial : 7 Sample Multiplier: 1

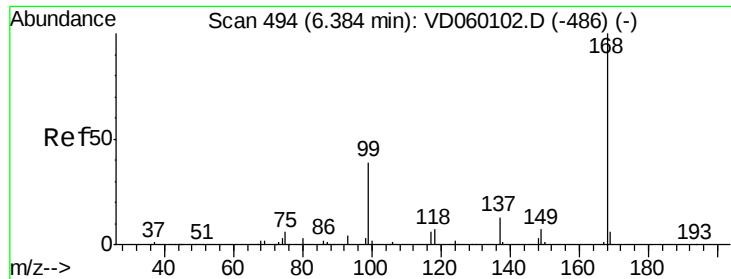
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC075

Quant Time: Oct 02 02:12:34 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D100118S.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 02 02:08:01 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 94) Hexachlorobutadiene    | 14.87 | 225  | 1022348  | 73.929 | ug/l  | 100      |
| 95) Naphthalene            | 14.96 | 128  | 2331237  | 72.428 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.10 | 180  | 1354246  | 74.082 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 493

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

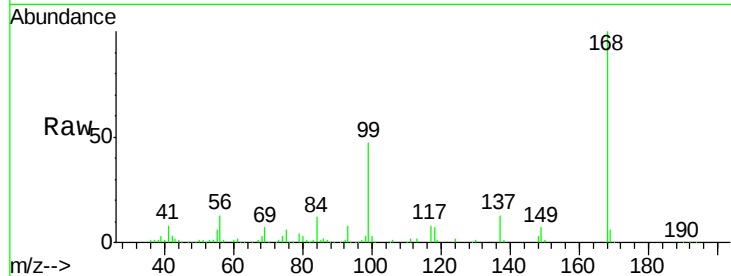
VSTDIC075

Tgt Ion:168 Resp: 1505374

Ion Ratio Lower Upper

168 100

99 46.6 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.37

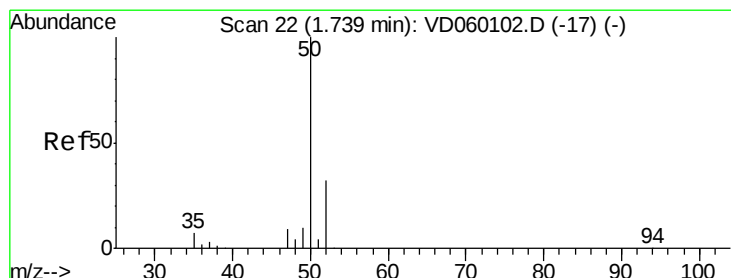
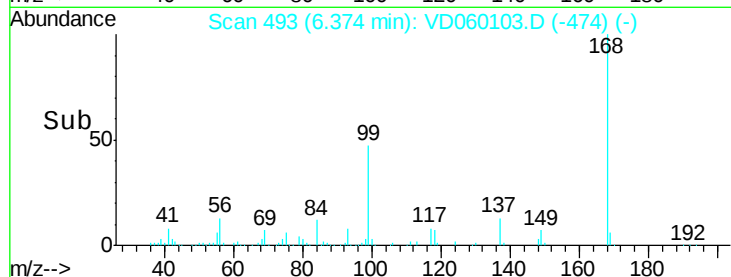
600000

400000

200000

0

Time-->



#3

Chloromethane

Concen: 65.534 ug/l

RT: 1.73 min Scan# 21

Delta R.T. -0.01 min

Lab File: VD060103.D

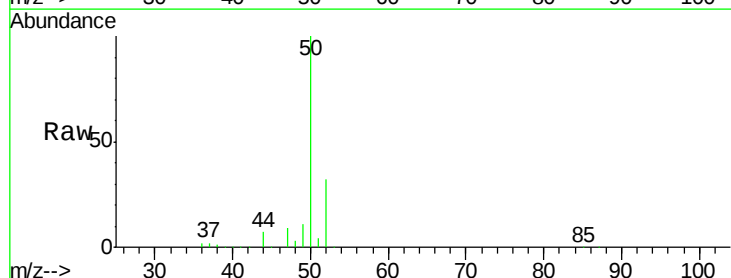
Acq: 1 Oct 2018 18:18

Tgt Ion: 50 Resp: 912790

Ion Ratio Lower Upper

50 100

52 32.0 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.73

400000

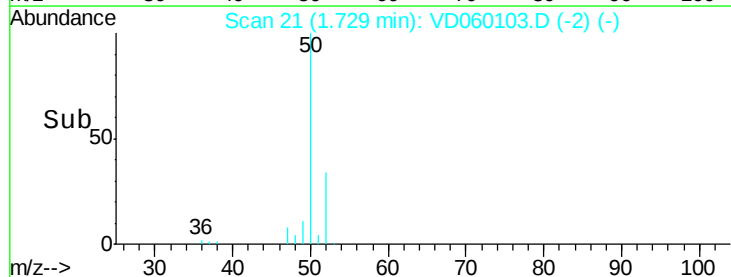
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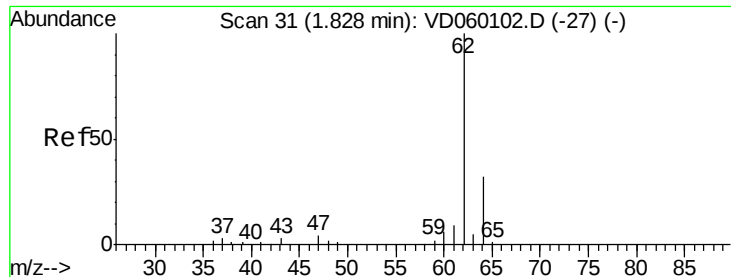
200000

100000

0

Time-->





#4

Vinyl Chloride

Concen: 68.211 ug/l

RT: 1.82 min Scan# 30

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

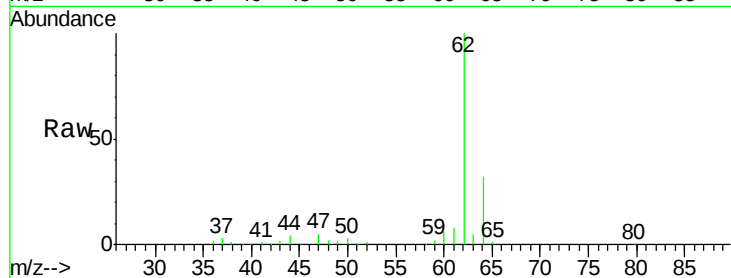
VSTDIC075

Tgt Ion: 62 Resp: 762650

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.82

400000

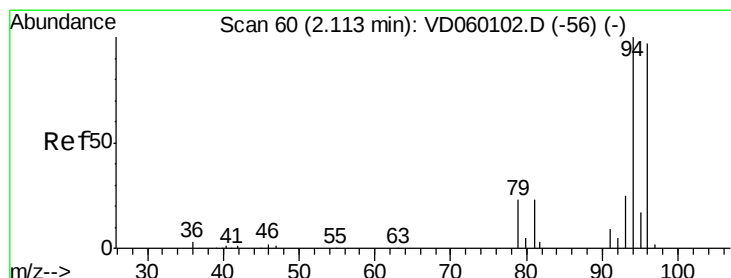
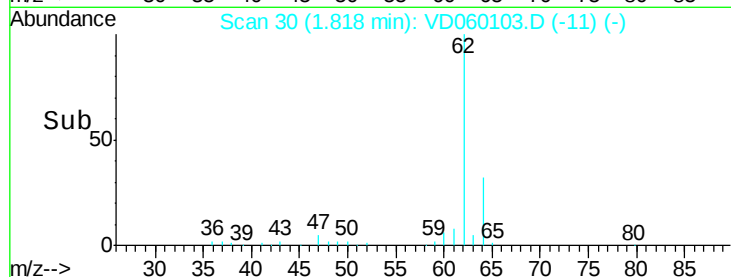
300000

200000

100000

0

Time--> 1.70 1.80 1.90 2.00



#5

Bromomethane

Concen: 55.863 ug/l

RT: 2.10 min Scan# 59

Delta R.T. -0.01 min

Lab File: VD060103.D

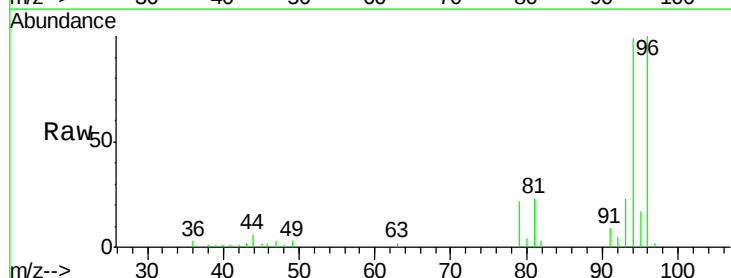
Acq: 1 Oct 2018 18:18

Tgt Ion: 94 Resp: 72482

Ion Ratio Lower Upper

94 100

96 100.9 77.4 116.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.10

50000

40000

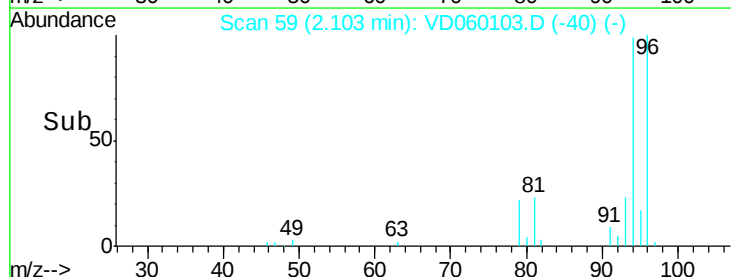
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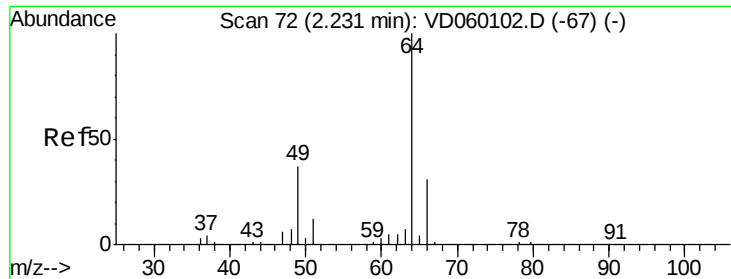
20000

10000

0

Time--> 2.00 2.05 2.10 2.15 2.20





#6

Chloroethane

Concen: 86.096 ug/l

RT: 2.21 min Scan# 70

Delta R.T. -0.02 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

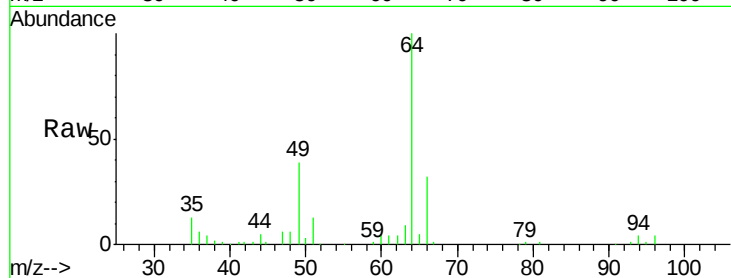
VSTDIC075

Tgt Ion: 64 Resp: 214032

Ion Ratio Lower Upper

64 100

66 31.6 24.6 37.0

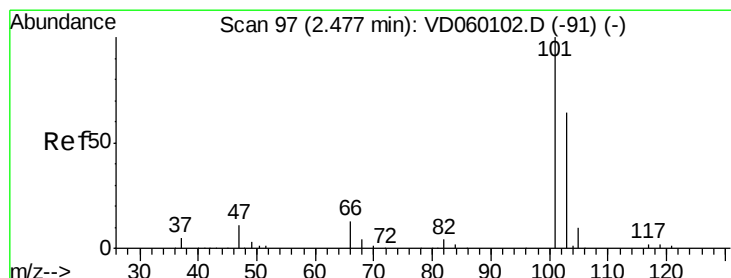
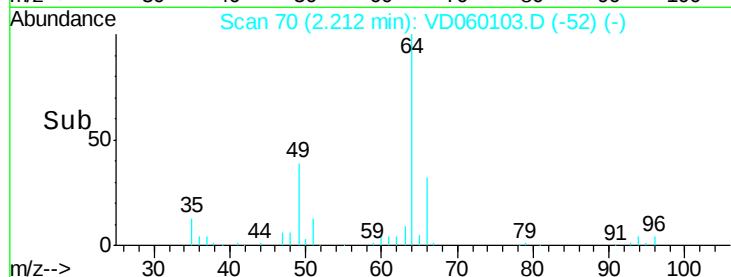


Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.21

Time-->



#7

Trichlorofluoromethane

Concen: 73.123 ug/l

RT: 2.47 min Scan# 96

Delta R.T. -0.01 min

Lab File: VD060103.D

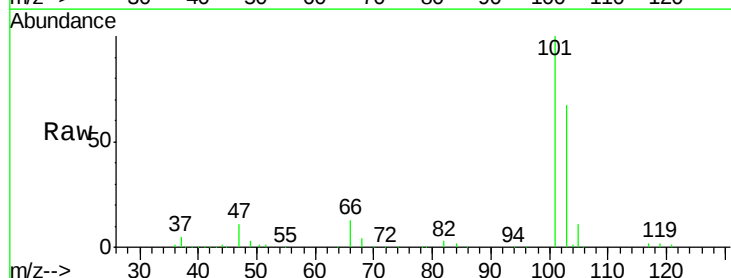
Acq: 1 Oct 2018 18:18

Tgt Ion: 101 Resp: 899488

Ion Ratio Lower Upper

101 100

103 66.7 51.5 77.3

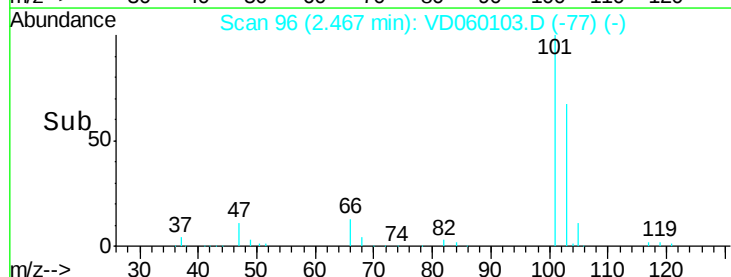


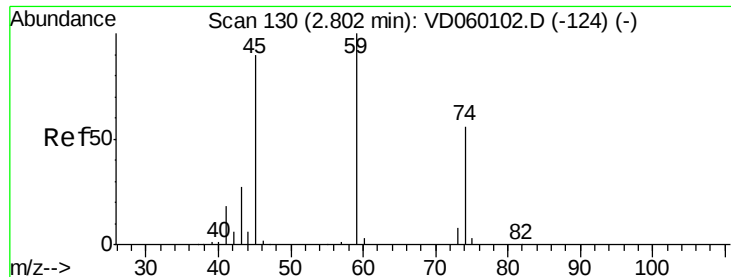
Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V

2.47

Time-->





#8

Diethyl Ether

Concen: 70.855 ug/l

RT: 2.79 min Scan# 129

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

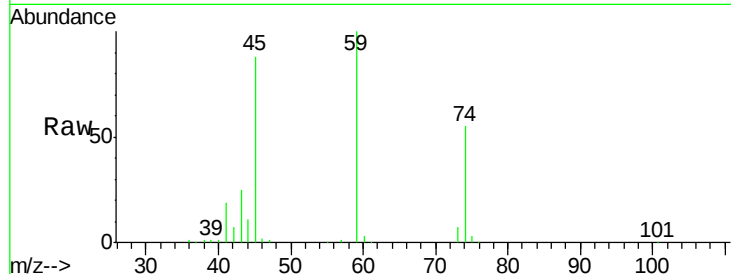
VSTDIC075

Tgt Ion: 74 Resp: 185505

Ion Ratio Lower Upper

74 100

45 159.7 80.3 241.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

150000

100000

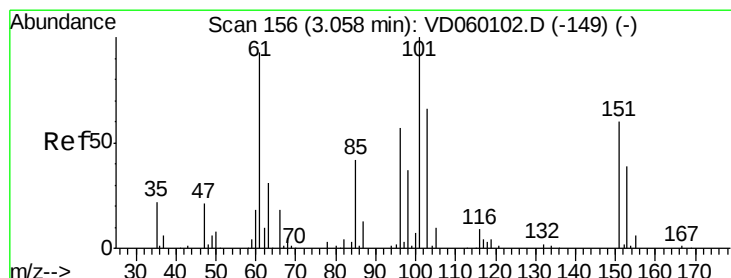
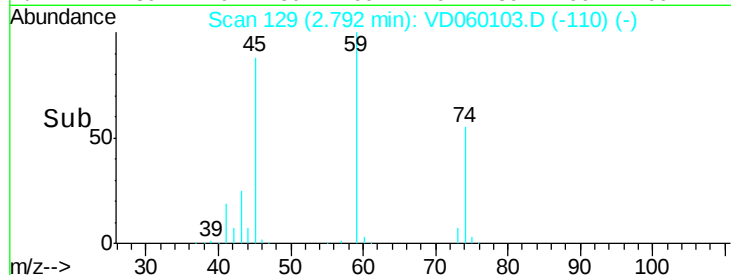
50000

0

2.79

2.70 2.80 2.90 3.00

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 71.585 ug/l

RT: 3.05 min Scan# 155

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

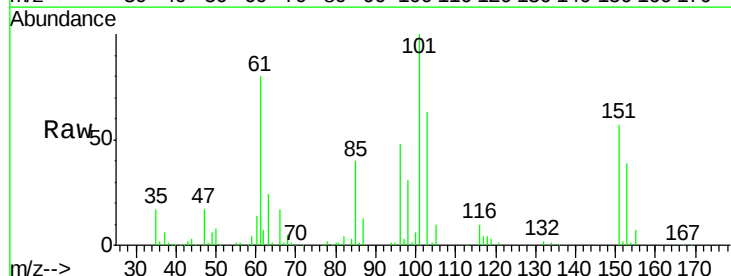
Tgt Ion: 101 Resp: 553011

Ion Ratio Lower Upper

101 100

85 40.5 33.4 50.0

151 56.6 48.0 72.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): VDC

Ion 150.90 (150.60 to 151.60): V

250000

200000

150000

100000

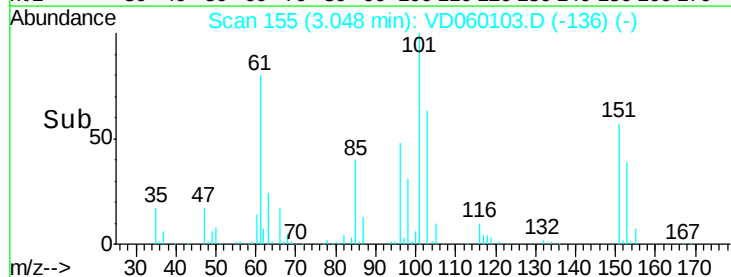
50000

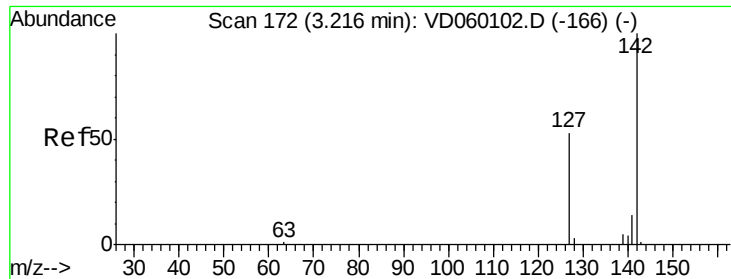
0

3.05

2.90 3.00 3.10 3.20 3.30

Time-->

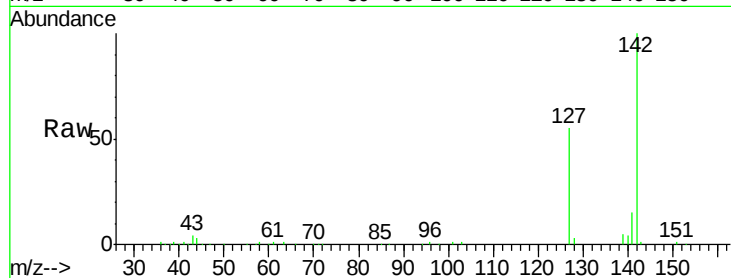




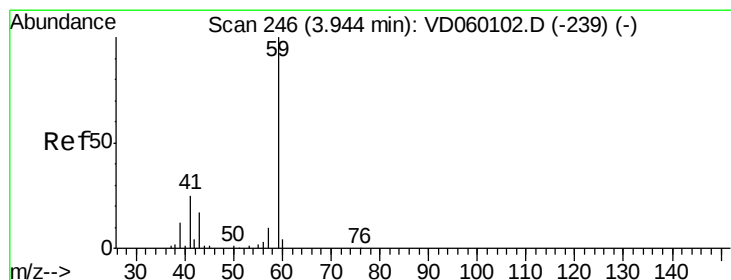
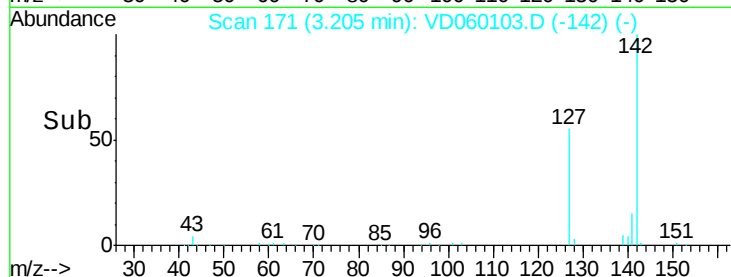
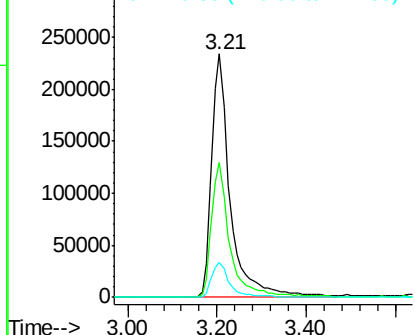
#10  
Methyl Iodide  
Concen: 82.163 ug/l  
RT: 3.21 min Scan# 171  
Delta R.T. -0.01 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tgt Ion:142 Resp: 677302  
Ion Ratio Lower Upper  
142 100  
127 55.1 42.0 63.0  
141 14.5 11.4 17.0

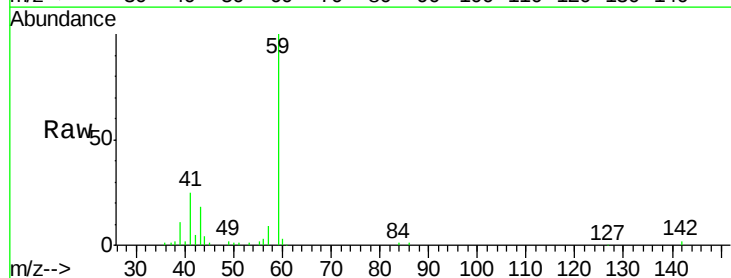


Abundance Ion 141.85 (141.55 to 142.55): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.85 (140.55 to 141.55): V

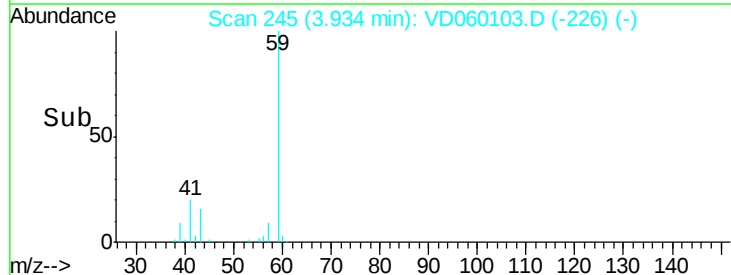
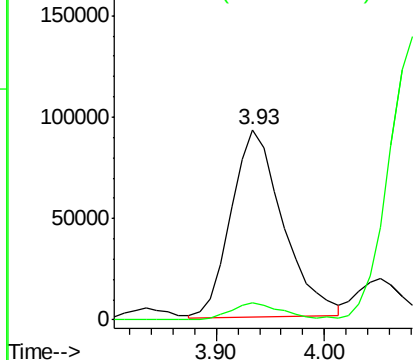


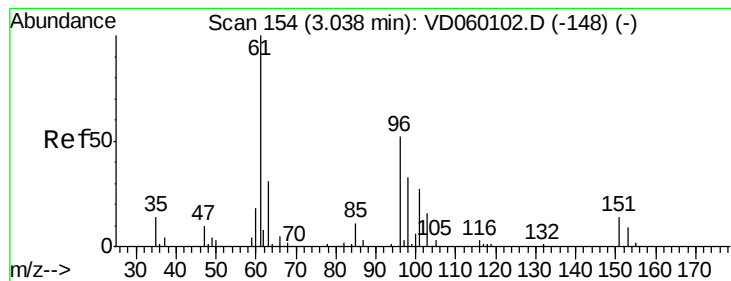
#11  
Tert butyl alcohol  
Concen: 328.625 ug/l  
RT: 3.93 min Scan# 245  
Delta R.T. -0.01 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Tgt Ion: 59 Resp: 305991  
Ion Ratio Lower Upper  
59 100  
57 8.9 7.8 11.6



Abundance Ion 58.95 (58.65 to 59.65): VDC  
Ion 56.95 (56.65 to 57.65): VDC





#12

1,1-Dichloroethene

Concen: 70.999 ug/l

RT: 3.03 min Scan# 153

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

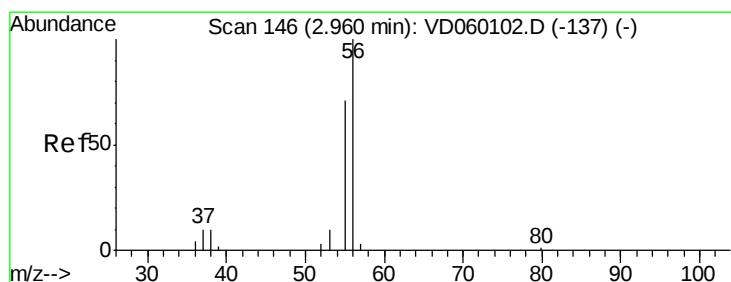
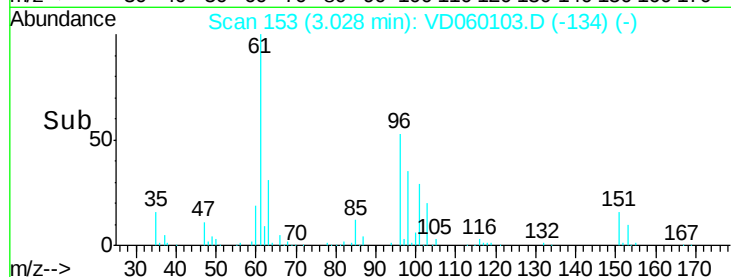
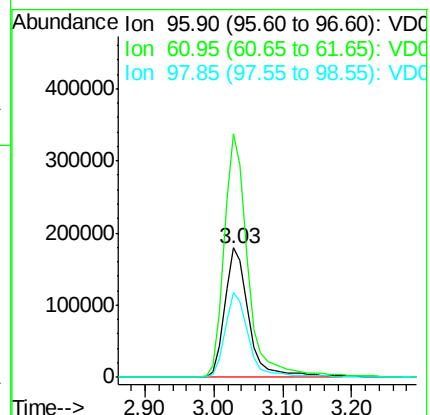
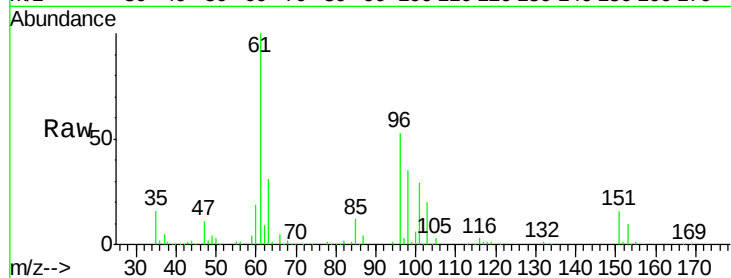
Tgt Ion: 96 Resp: 434324

Ion Ratio Lower Upper

96 100

61 187.8 153.0 229.4

98 65.9 51.1 76.7



#13

Acrolein

Concen: 282.801 ug/l

RT: 2.95 min Scan# 145

Delta R.T. -0.01 min

Lab File: VD060103.D

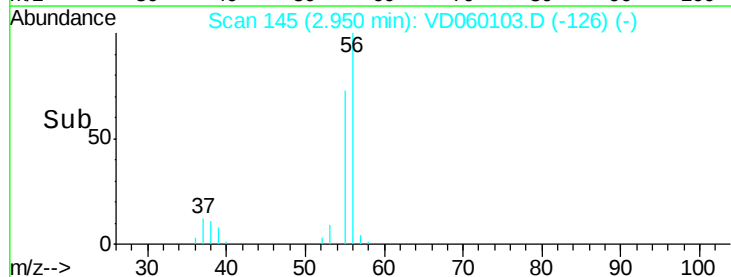
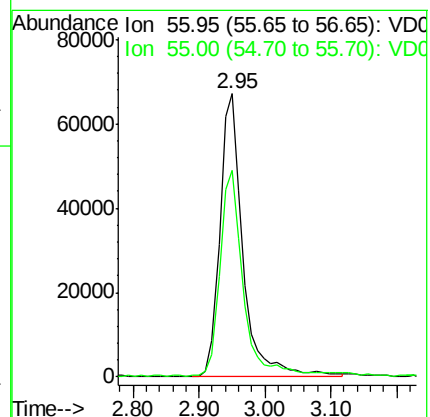
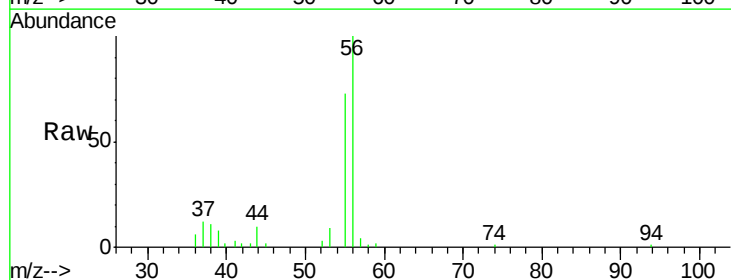
Acq: 1 Oct 2018 18:18

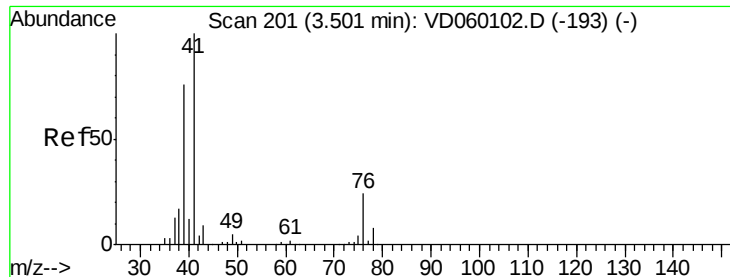
Tgt Ion: 56 Resp: 162680

Ion Ratio Lower Upper

56 100

55 73.1 57.4 86.2





#14

Allyl chloride

Concen: 71.521 ug/l

RT: 3.49 min Scan# 200

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

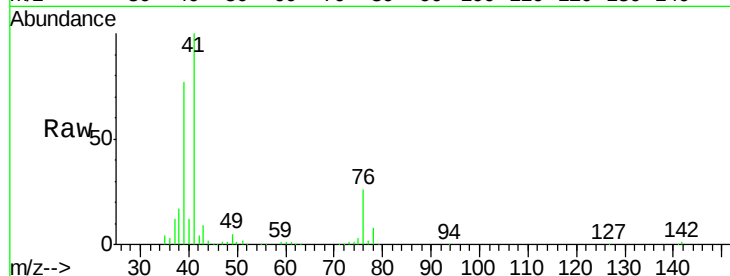
Tgt Ion: 41 Resp: 920374

Ion Ratio Lower Upper

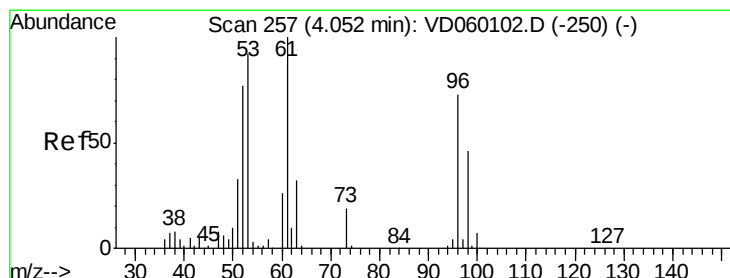
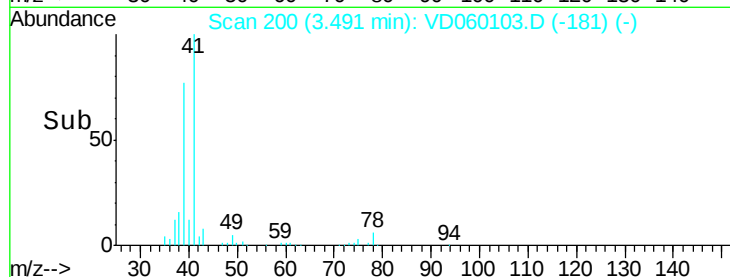
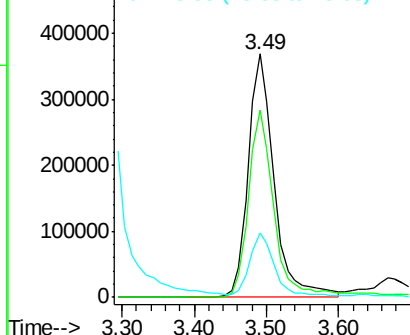
41 100

39 76.8 60.6 90.8

76 26.2 21.3 31.9



Abundance Ion 41.05 (40.75 to 41.75): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 75.95 (75.65 to 76.65): VDC



#15

Acrylonitrile

Concen: 341.916 ug/l

RT: 4.04 min Scan# 256

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

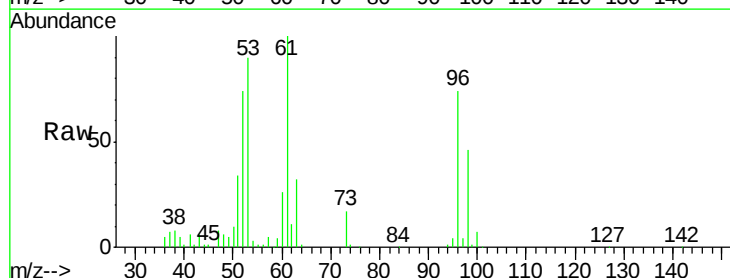
Tgt Ion: 53 Resp: 1206685

Ion Ratio Lower Upper

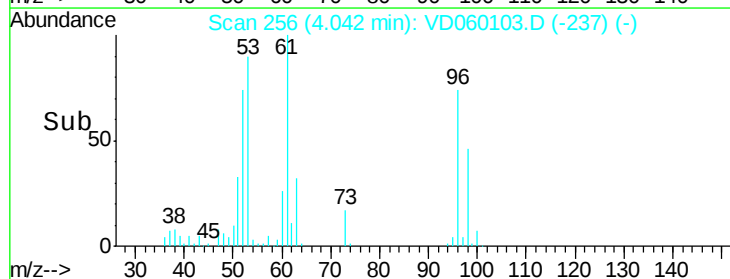
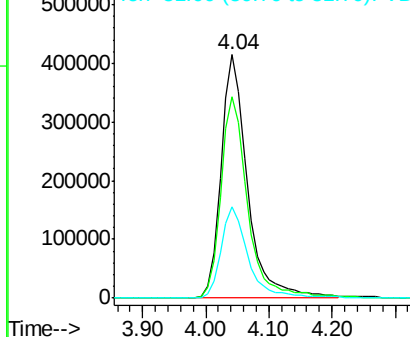
53 100

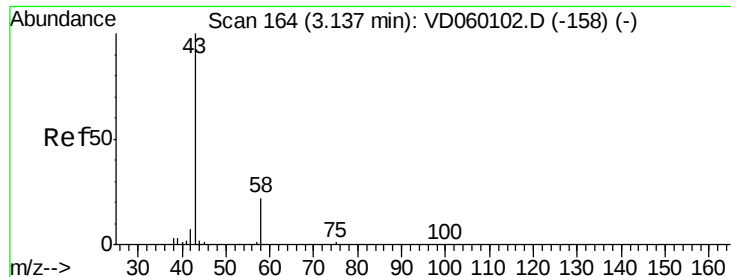
52 82.8 67.5 101.3

51 37.5 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC  
Ion 51.00 (50.70 to 51.70): VDC





#16

Acetone

Concen: 305.129 ug/l

RT: 3.13 min Scan# 163

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

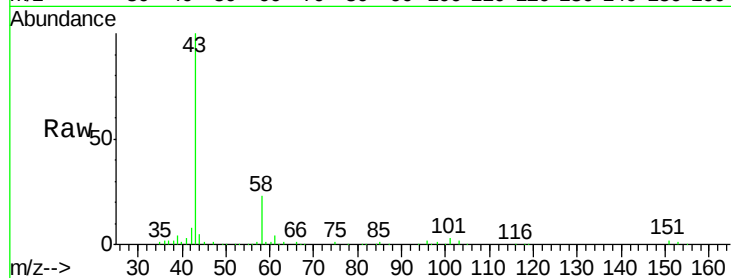
VSTDIC075

Tgt Ion: 43 Resp: 678842

Ion Ratio Lower Upper

43 100

58 22.7 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

250000

200000

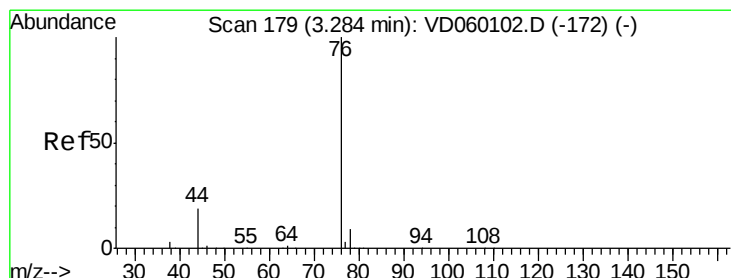
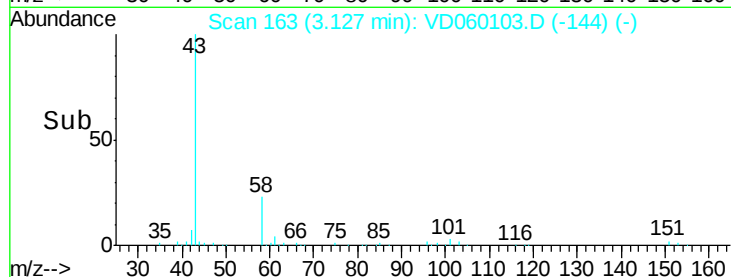
150000

100000

50000

0

Time--> 3.00 3.10 3.20 3.30



#17

Carbon Disulfide

Concen: 71.813 ug/l

RT: 3.27 min Scan# 178

Delta R.T. -0.01 min

Lab File: VD060103.D

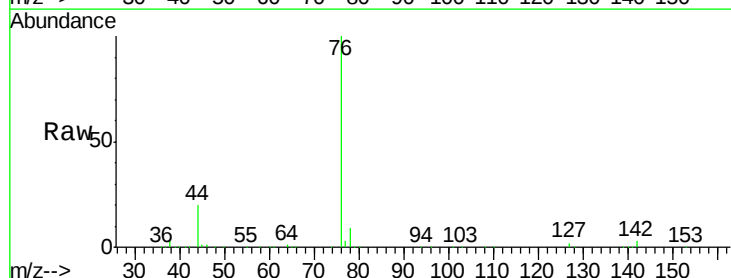
Acq: 1 Oct 2018 18:18

Tgt Ion: 76 Resp: 1510262

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

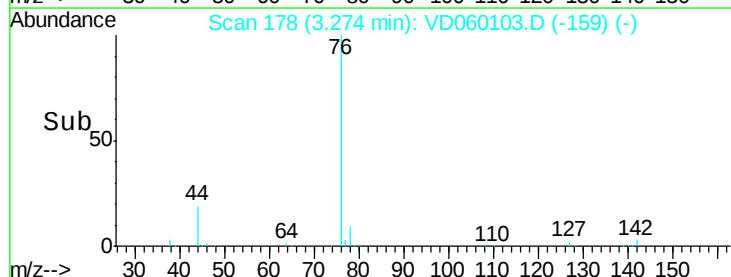
600000

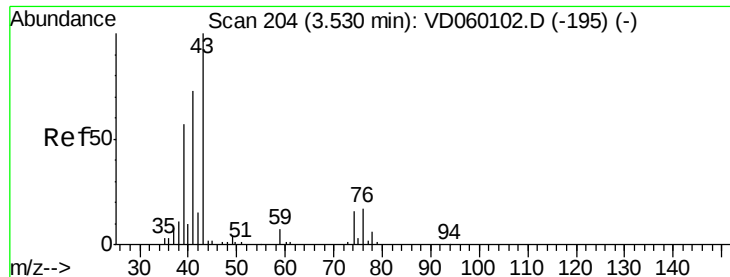
400000

200000

0

Time--> 3.10 3.20 3.30 3.40 3.50

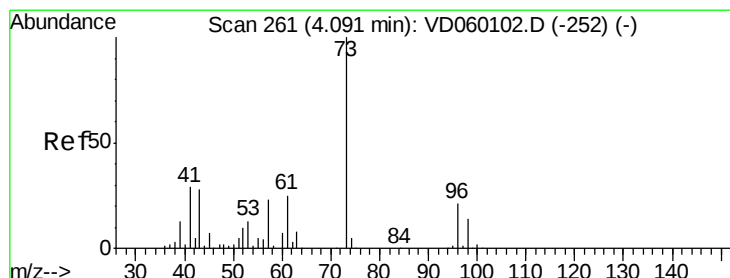
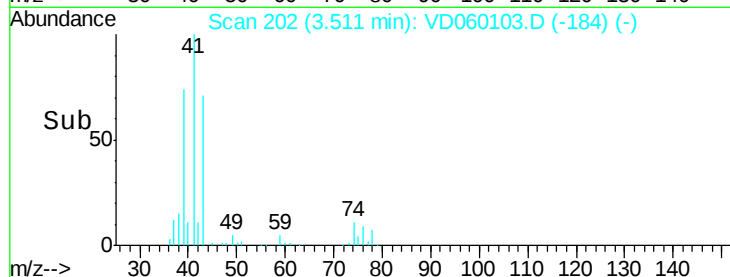
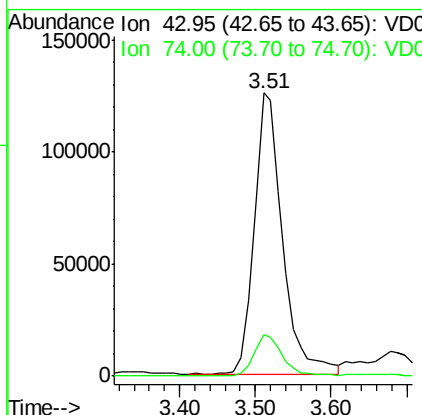
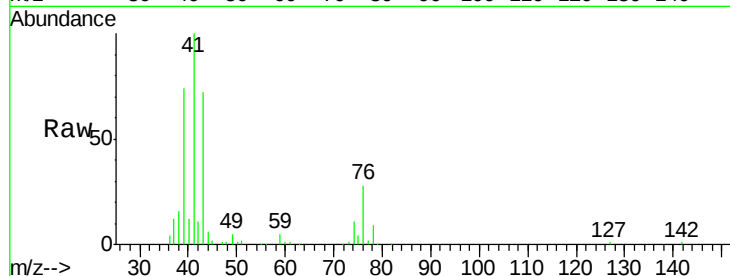




#18  
Methyl Acetate  
Concen: 71.407 ug/l  
RT: 3.51 min Scan# 202  
Delta R.T. -0.02 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

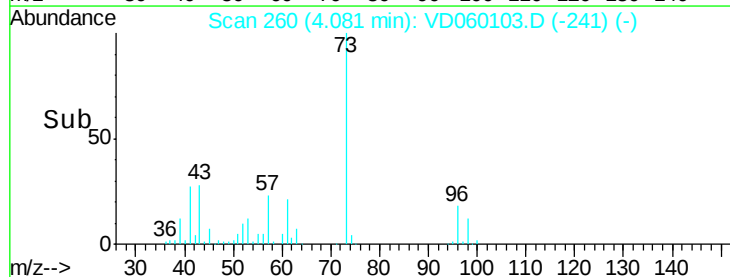
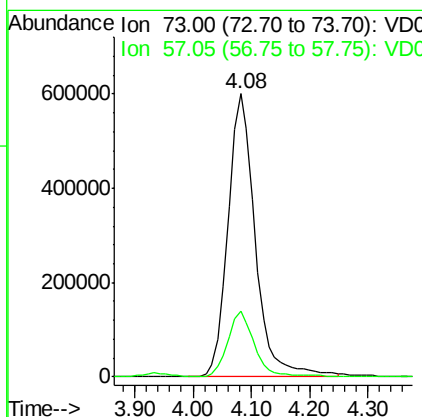
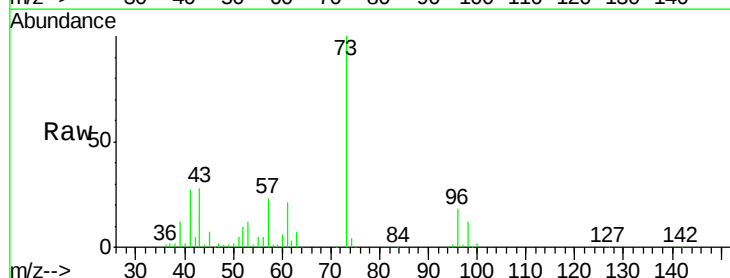
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

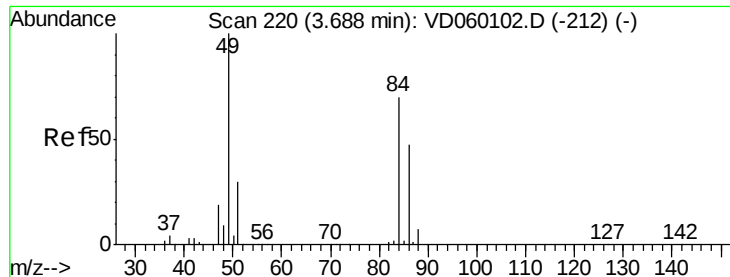
Tgt Ion: 43 Resp: 327152  
Ion Ratio Lower Upper  
43 100  
74 14.6 12.6 19.0



#19  
Methyl tert-butyl Ether  
Concen: 69.379 ug/l  
RT: 4.08 min Scan# 260  
Delta R.T. -0.01 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Tgt Ion: 73 Resp: 1958687  
Ion Ratio Lower Upper  
73 100  
57 23.2 18.7 28.1





#20

Methylene Chloride

Concen: 60.678 ug/l

RT: 3.68 min Scan# 219

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

Tgt Ion: 84 Resp: 1151212

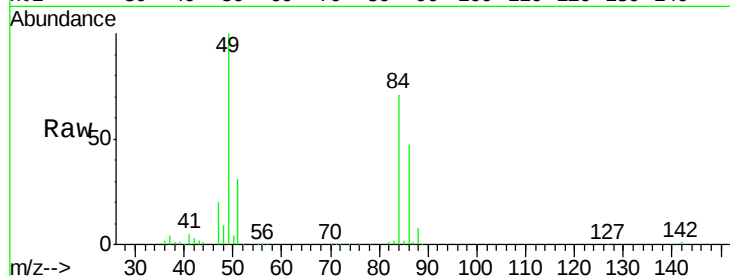
Ion Ratio Lower Upper

84 100

49 141.1 114.6 172.0

51 44.0 33.8 50.8

86 66.1 53.3 79.9

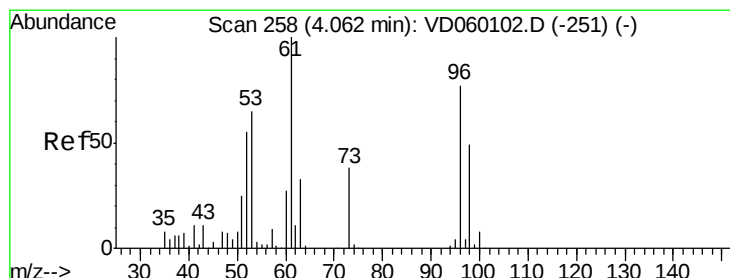
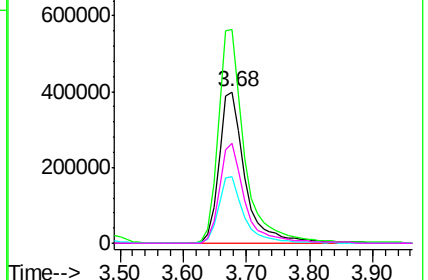
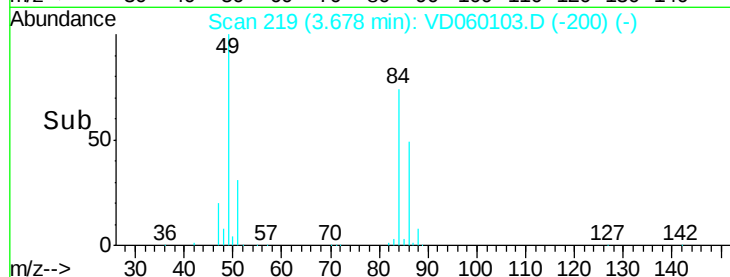


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#21

trans-1,2-Dichloroethene

Concen: 71.474 ug/l

RT: 4.05 min Scan# 257

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

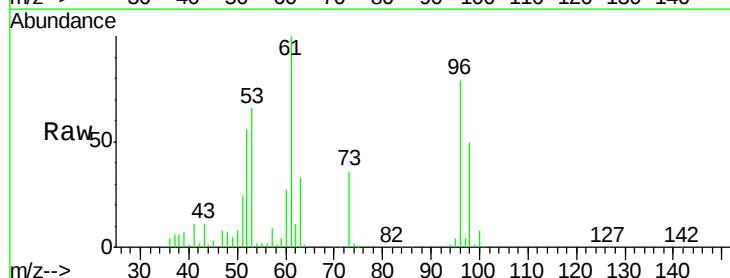
Tgt Ion: 96 Resp: 1148960

Ion Ratio Lower Upper

96 100

61 127.3 103.3 154.9

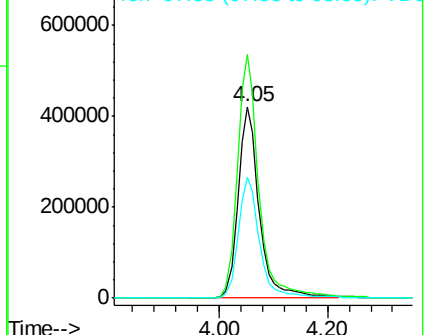
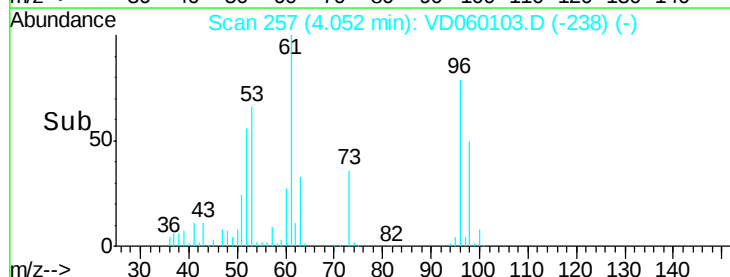
98 63.4 50.4 75.6

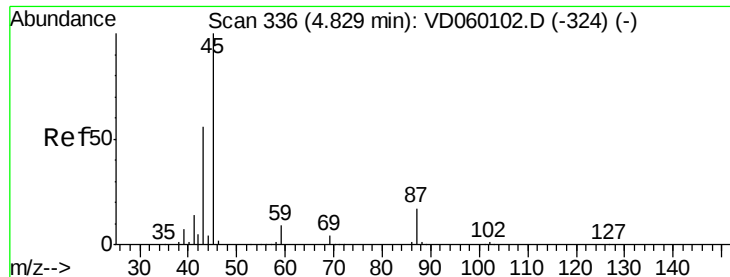


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#22

Diisopropyl ether

Concen: 70.207 ug/l

RT: 4.82 min Scan# 335

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

Tgt Ion: 45 Resp: 4102104

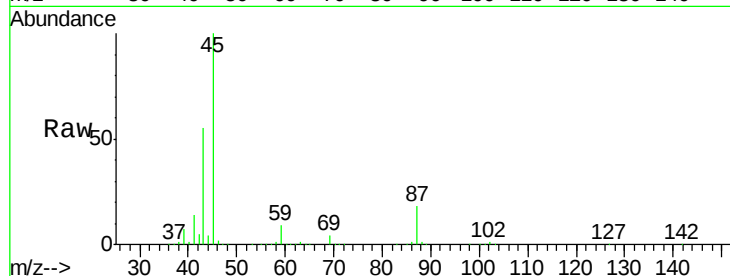
Ion Ratio Lower Upper

45 100

43 54.8 44.8 67.2

87 17.8 13.9 20.9

59 9.0 7.1 10.7

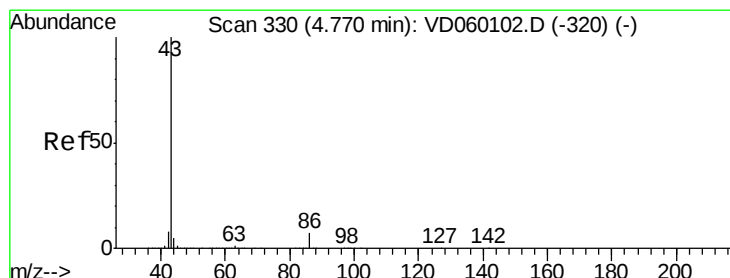
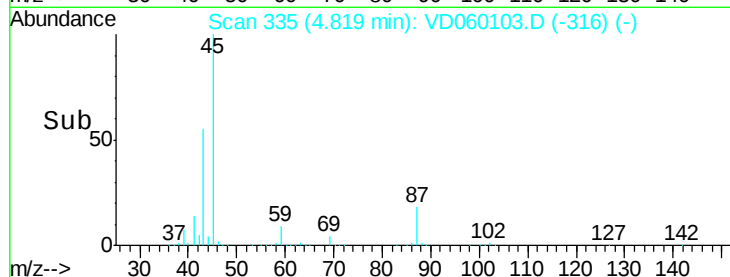
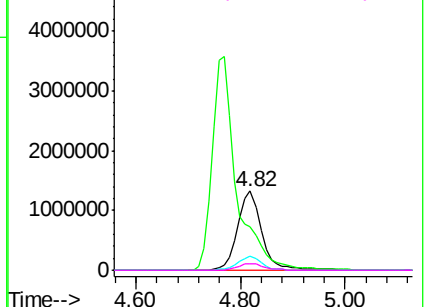


Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC



#23

Vinyl Acetate

Concen: 346.839 ug/l

RT: 4.77 min Scan# 330

Delta R.T. -0.00 min

Lab File: VD060103.D

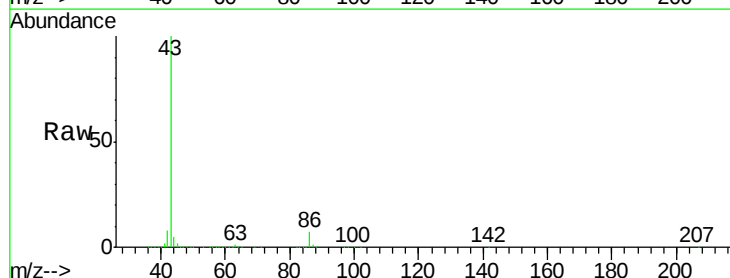
Acq: 1 Oct 2018 18:18

Tgt Ion: 43 Resp: 11500708

Ion Ratio Lower Upper

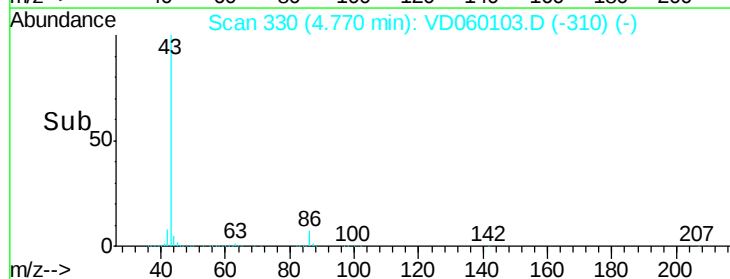
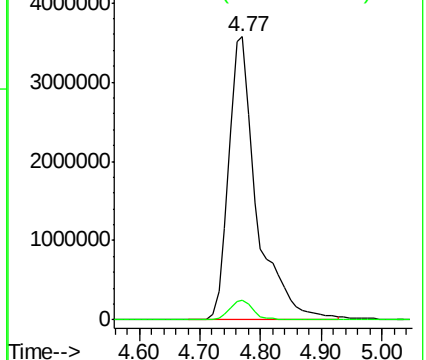
43 100

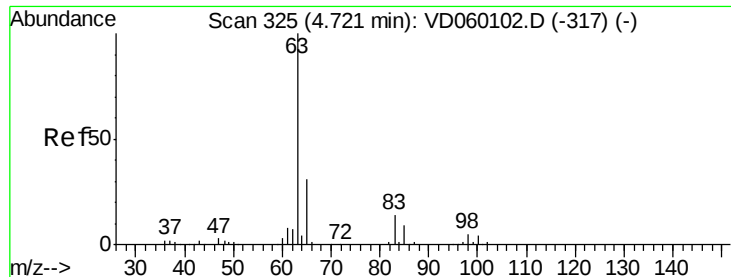
86 7.2 5.6 8.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC





#24

1,1-Dichloroethane

Concen: 71.671 ug/l

RT: 4.71 min Scan# 324

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

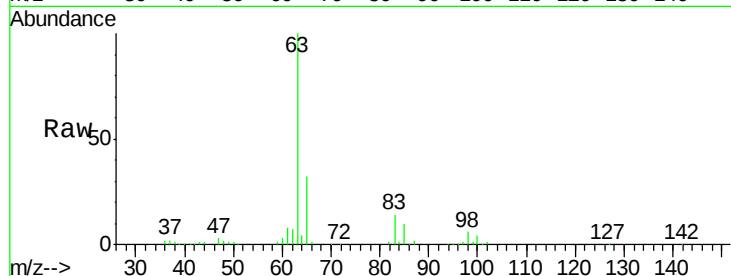
Tgt Ion: 63 Resp: 1890634

Ion Ratio Lower Upper

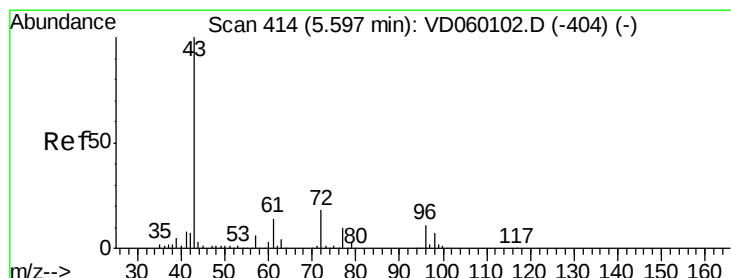
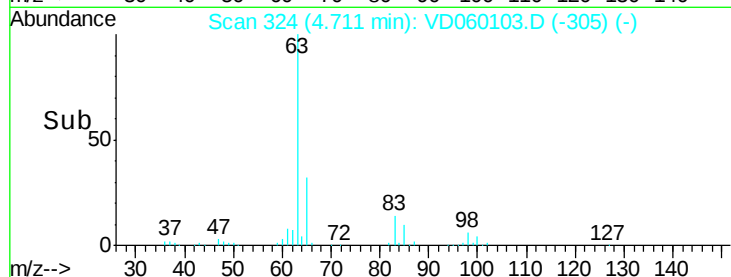
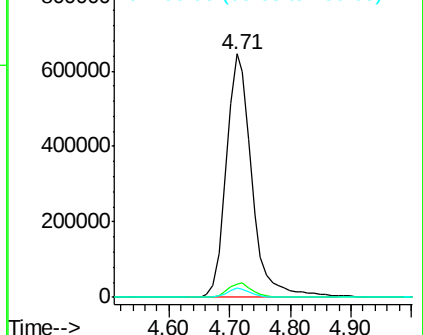
63 100

98 5.5 2.8 8.3

100 3.6 1.8 5.3



Abundance Ion 62.95 (62.65 to 63.65): VDC  
Ion 97.95 (97.65 to 98.65): VDC  
Ion 99.95 (99.65 to 100.65): VDC



#25

2-Butanone

Concen: 300.941 ug/l

RT: 5.59 min Scan# 413

Delta R.T. -0.01 min

Lab File: VD060103.D

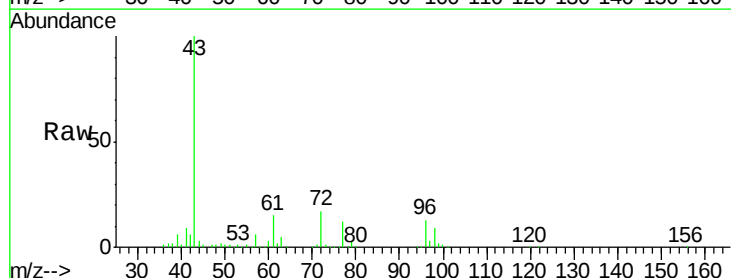
Acq: 1 Oct 2018 18:18

Tgt Ion: 43 Resp: 1806297

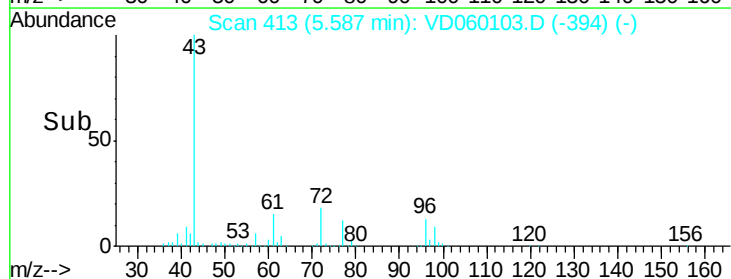
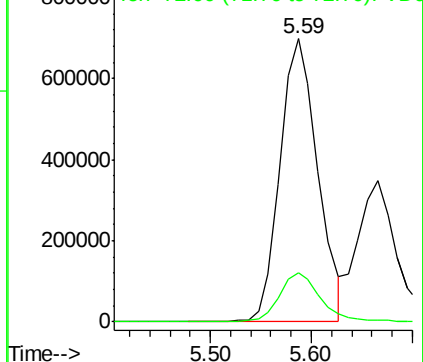
Ion Ratio Lower Upper

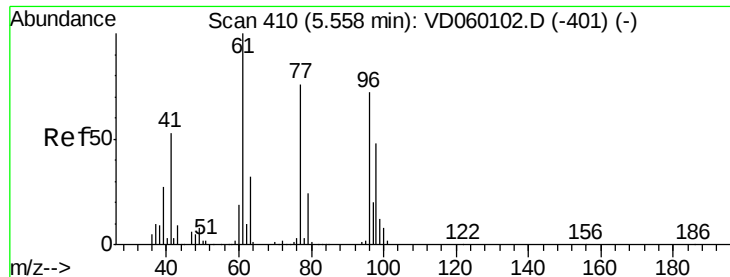
43 100

72 17.5 14.5 21.7



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 72.00 (71.70 to 72.70): VDC





#26

2,2-Dichloropropane

Concen: 68.199 ug/l

RT: 5.55 min Scan# 409

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

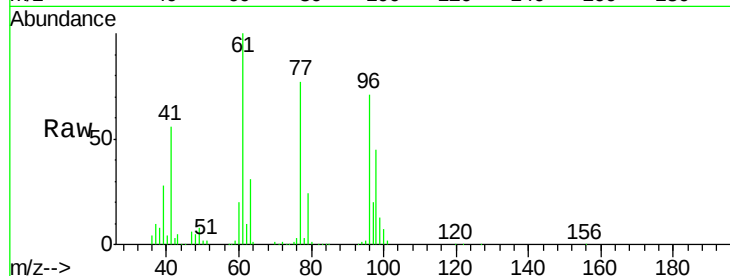
VSTDIC075

Tgt Ion: 77 Resp: 1392329

Ion Ratio Lower Upper

77 100

97 26.0 13.3 39.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

5.55

400000

300000

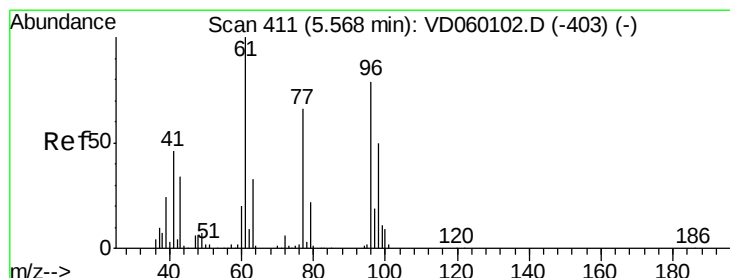
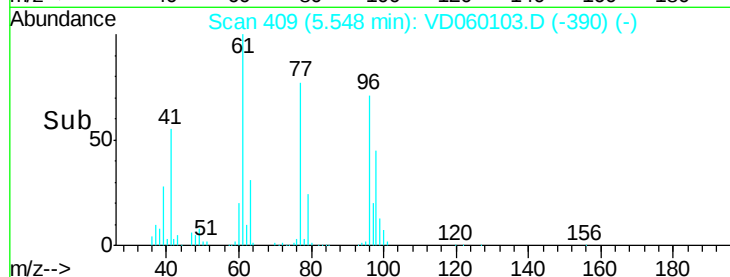
200000

100000

0

Time-->

5.40 5.50 5.60 5.70



#27

cis-1,2-Dichloroethene

Concen: 72.175 ug/l

RT: 5.56 min Scan# 410

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

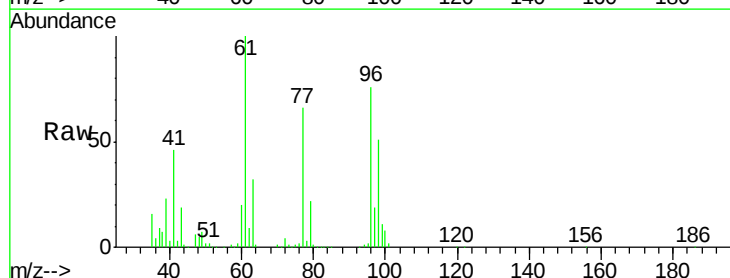
Tgt Ion: 96 Resp: 1212693

Ion Ratio Lower Upper

96 100

61 131.0 0.0 251.8

98 66.2 0.0 125.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

800000

600000

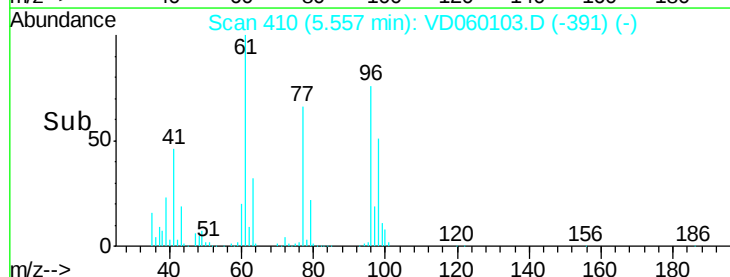
400000

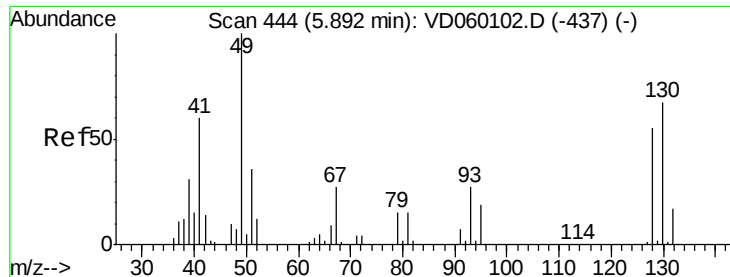
200000

0

Time-->

5.40 5.50 5.60 5.70 5.80

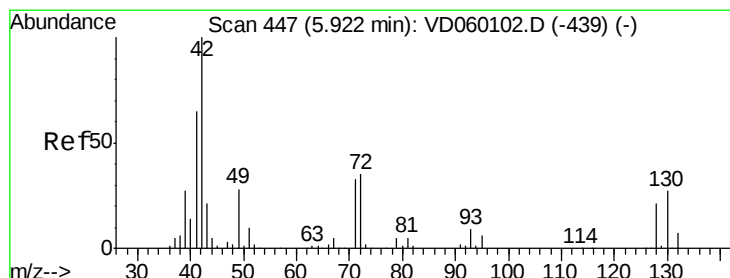
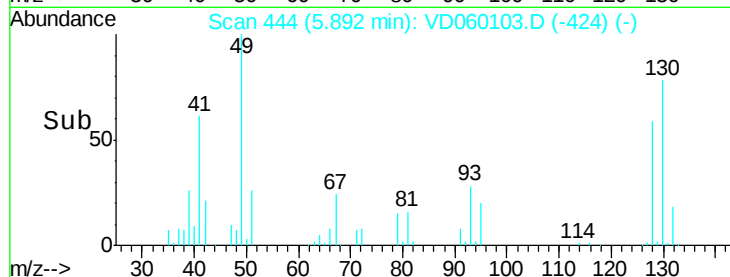
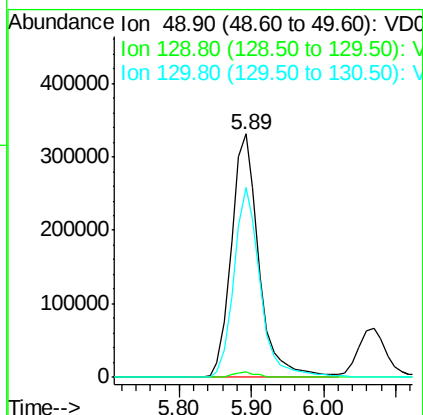
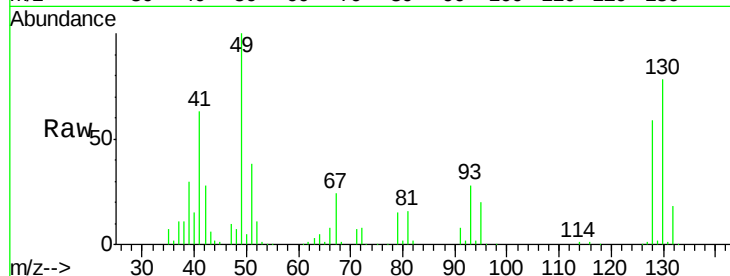




#28  
Bromochloromethane  
Concen: 68.627 ug/l  
RT: 5.89 min Scan# 444  
Delta R.T. -0.00 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

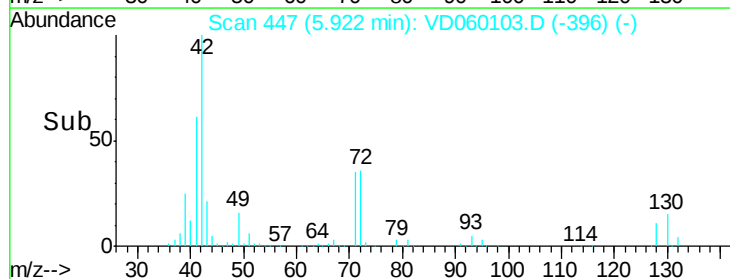
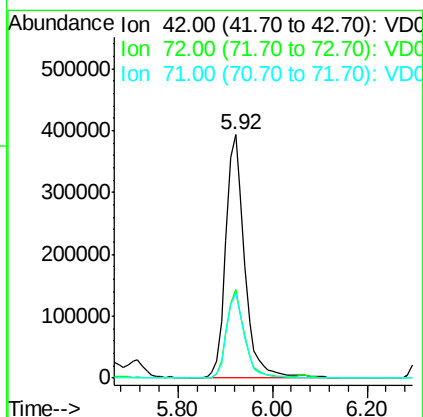
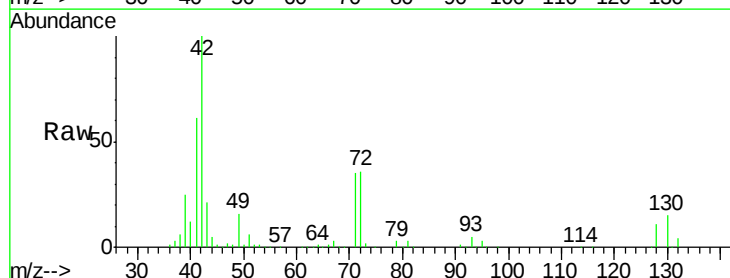
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

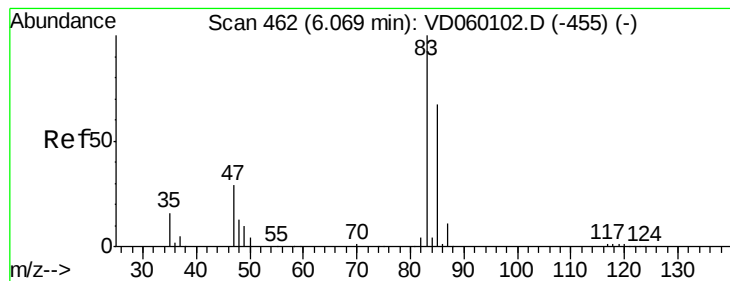
Tgt Ion: 49 Resp: 879876  
Ion Ratio Lower Upper  
49 100  
129 2.1 0.0 3.6  
130 77.9 53.9 80.9



#29  
Tetrahydrofuran  
Concen: 337.781 ug/l  
RT: 5.92 min Scan# 447  
Delta R.T. -0.00 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Tgt Ion: 42 Resp: 1087281  
Ion Ratio Lower Upper  
42 100  
72 34.3 26.9 40.3  
71 33.8 26.7 40.1





#30

Chloroform

Concen: 70.823 ug/l

RT: 6.07 min Scan# 462

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

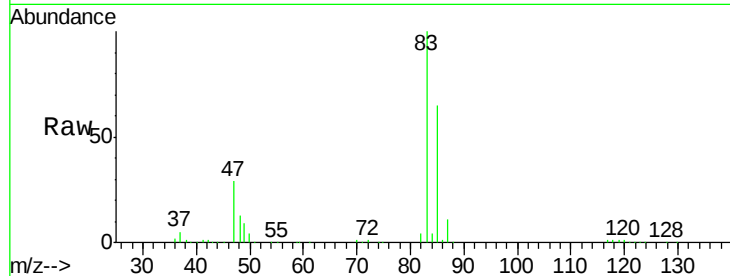
VSTDIC075

Tgt Ion: 83 Resp: 1886718

Ion Ratio Lower Upper

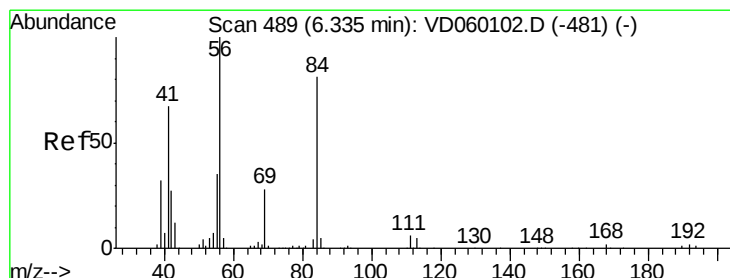
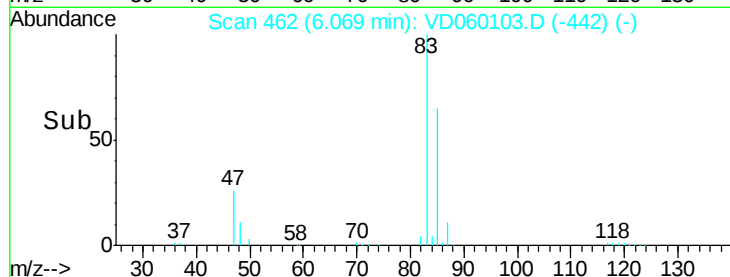
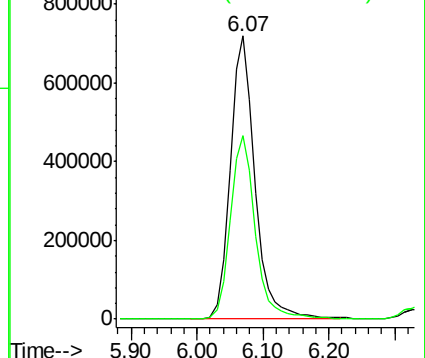
83 100

85 65.0 53.8 80.8



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC



#31

Cyclohexane

Concen: 64.993 ug/l

RT: 6.33 min Scan# 489

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

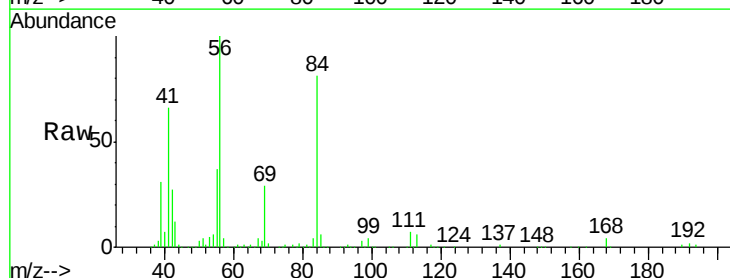
Tgt Ion: 56 Resp: 1659730

Ion Ratio Lower Upper

56 100

69 28.7 22.8 34.2

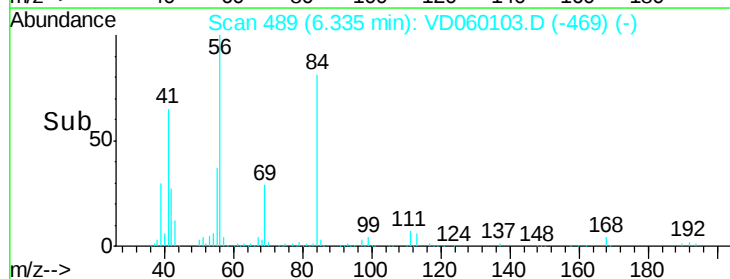
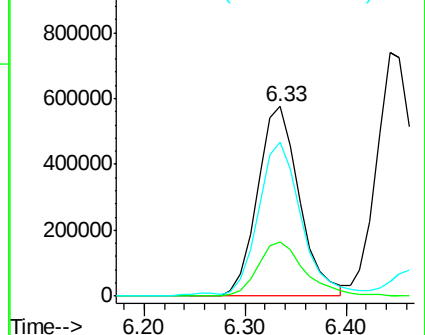
84 81.1 64.9 97.3

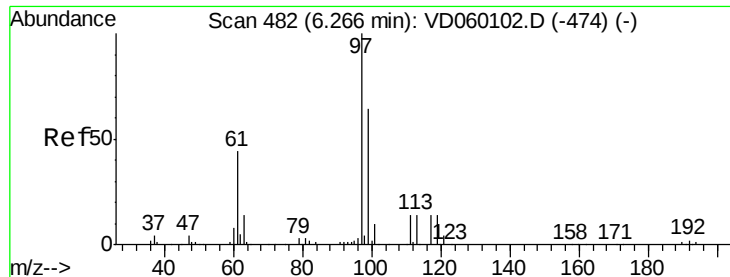


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC





#32

1,1,1-Trichloroethane

Concen: 71.309 ug/l

RT: 6.26 min Scan# 481

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

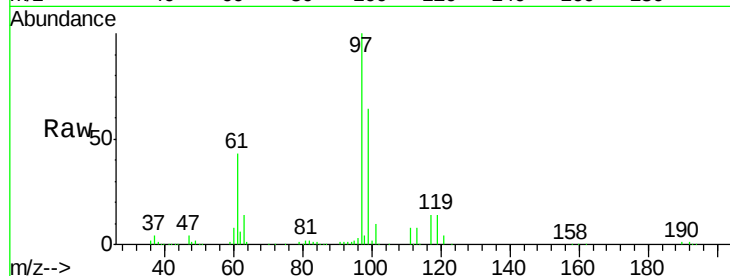
Tgt Ion: 97 Resp: 1570276

Ion Ratio Lower Upper

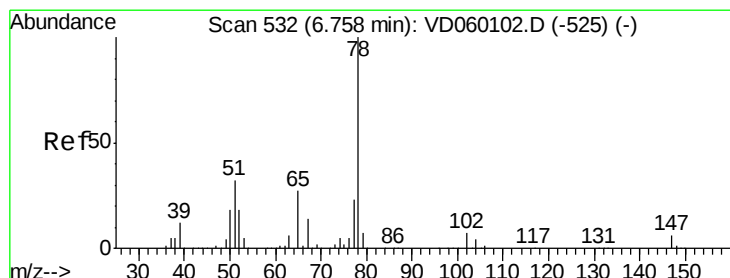
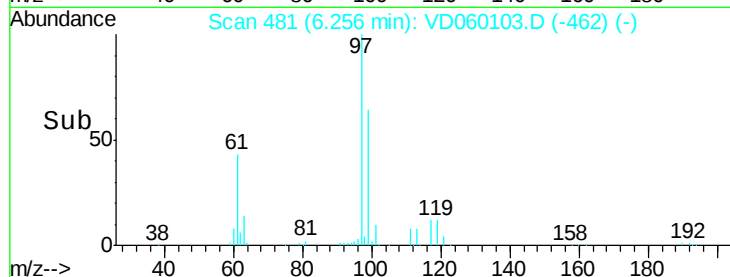
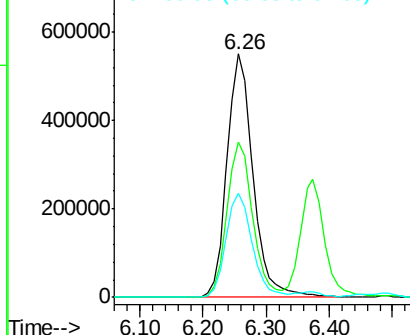
97 100

99 63.6 51.4 77.0

61 42.8 35.5 53.3



Abundance Ion 96.85 (96.55 to 97.55): VDC  
Ion 98.85 (98.55 to 99.55): VDC  
Ion 60.95 (60.65 to 61.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 71.309 ug/l

RT: 6.76 min Scan# 532

Delta R.T. -0.00 min

Lab File: VD060103.D

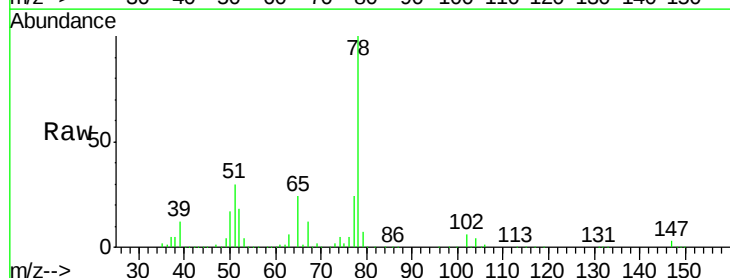
Acq: 1 Oct 2018 18:18

Tgt Ion: 65 Resp: 843708

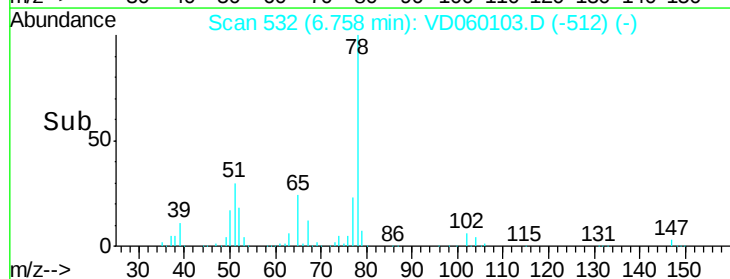
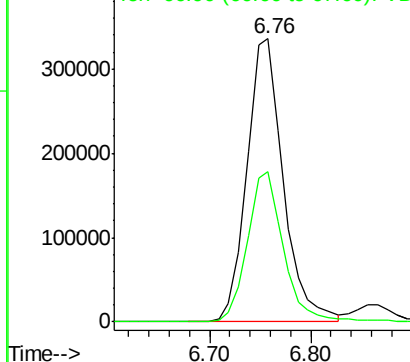
Ion Ratio Lower Upper

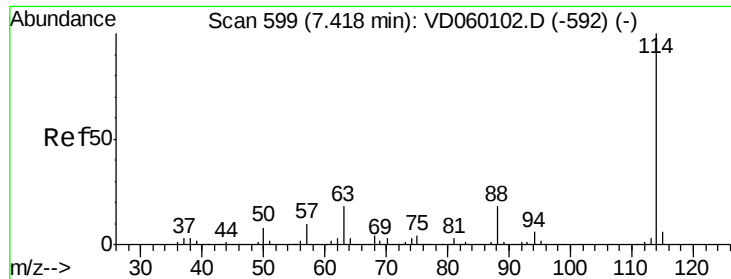
65 100

67 53.0 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC  
Ion 66.90 (66.60 to 67.60): VDC

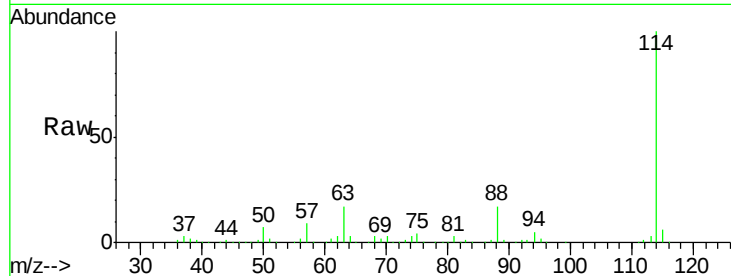




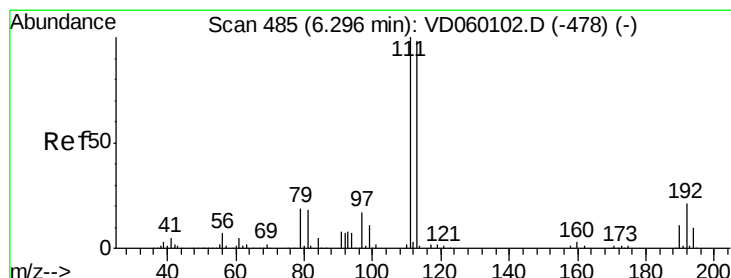
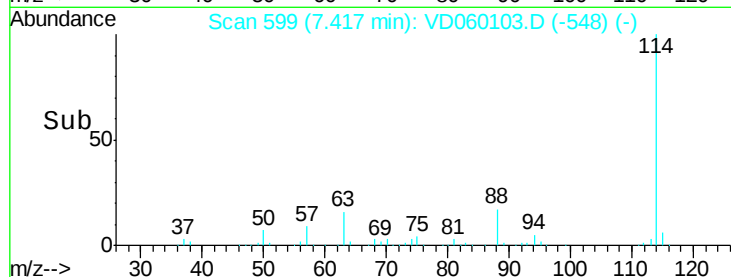
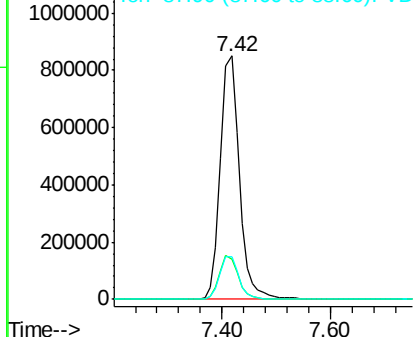
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.42 min Scan# 599  
 Delta R.T. -0.00 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Tgt Ion:114 Resp: 2072505  
 Ion Ratio Lower Upper  
 114 100  
 63 16.7 0.0 36.0  
 88 17.5 0.0 36.2

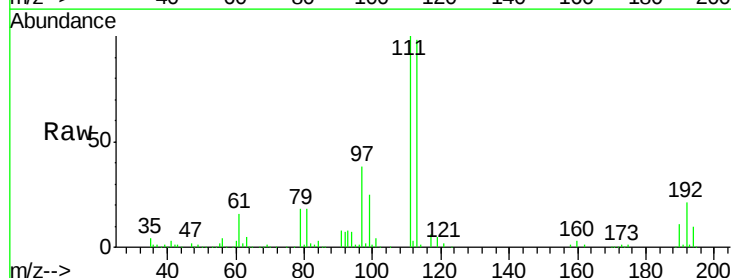


Abundance Ion 114.00 (113.70 to 114.70): V  
 Ion 62.95 (62.65 to 63.65): V  
 Ion 87.90 (87.60 to 88.60): V

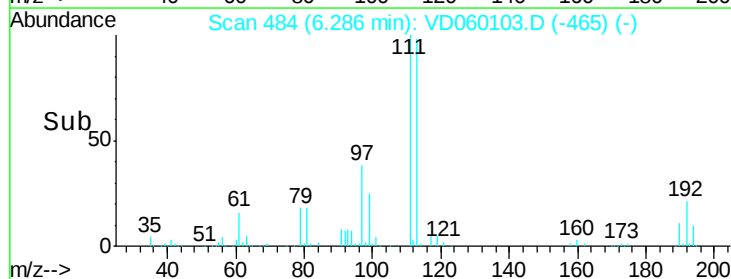
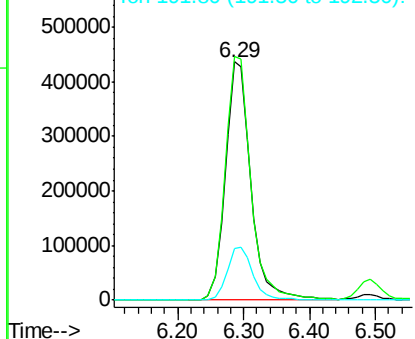


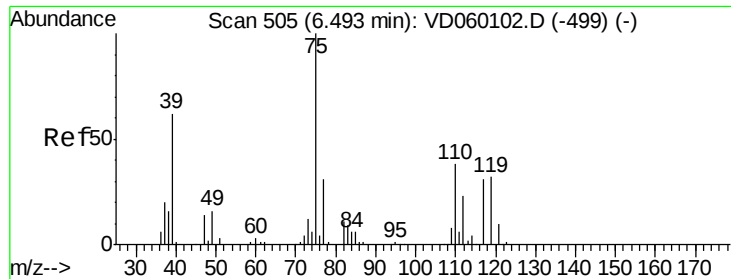
#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 6.29 min Scan# 484  
 Delta R.T. -0.01 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

Tgt Ion:113 Resp: 1179153  
 Ion Ratio Lower Upper  
 113 100  
 111 102.3 81.5 122.3  
 192 21.6 17.4 26.0



Abundance Ion 112.90 (112.60 to 113.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 191.80 (191.50 to 192.50): V



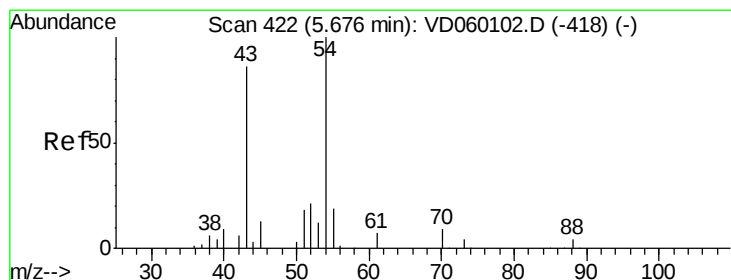
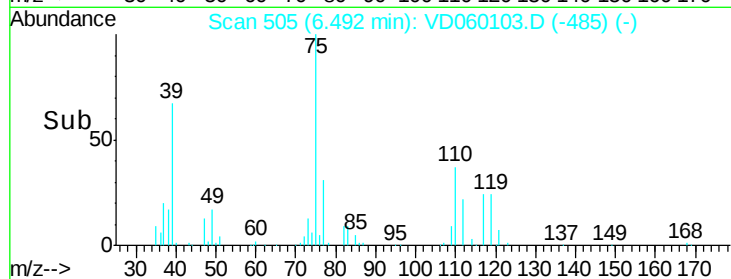
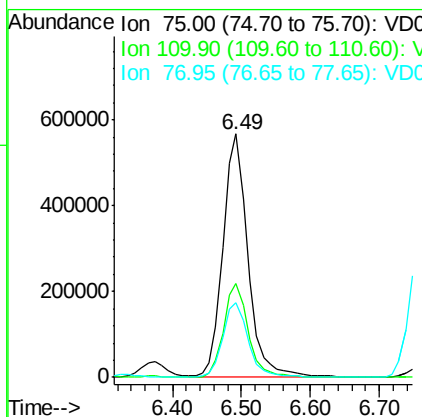
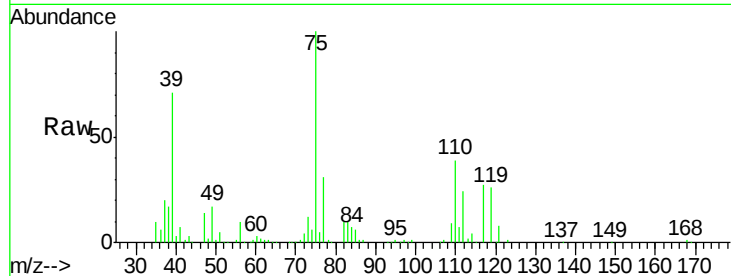


#36  
 1,1-Dichloropropene  
 Concen: 69.556 ug/l  
 RT: 6.49 min Scan# 505  
 Delta R.T. -0.00 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Tgt Ion: 75 Resp: 1410410  

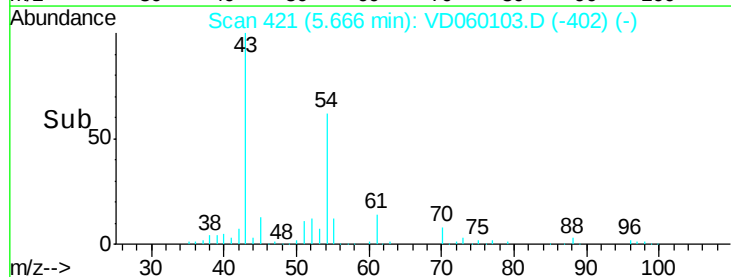
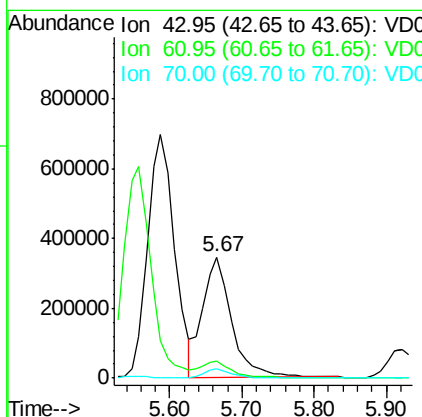
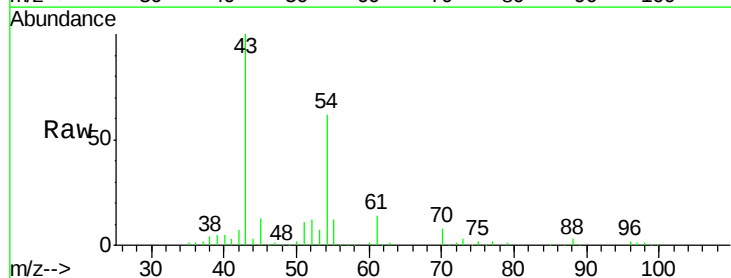
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 38.7  | 19.0  | 57.0  |
| 77  | 30.7  | 24.9  | 37.3  |

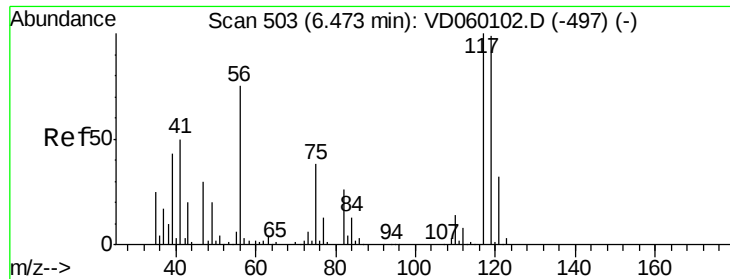


#37  
 Ethyl Acetate  
 Concen: 68.496 ug/l  
 RT: 5.67 min Scan# 421  
 Delta R.T. -0.01 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

Tgt Ion: 43 Resp: 959036  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 13.8  | 10.5  | 15.7  |
| 70  | 7.9   | 6.3   | 9.5   |





#38

Carbon Tetrachloride

Concen: 70.359 ug/l

RT: 6.46 min Scan# 502

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

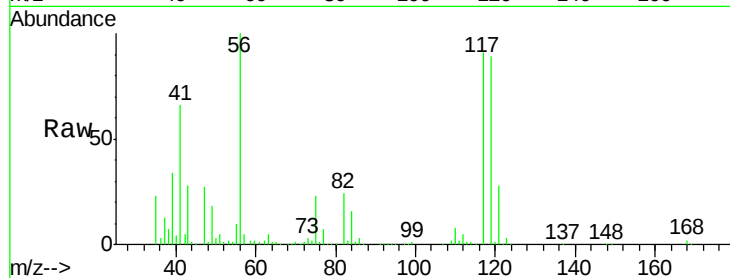
Tgt Ion:117 Resp: 1324873

Ion Ratio Lower Upper

117 100

119 97.6 77.8 116.6

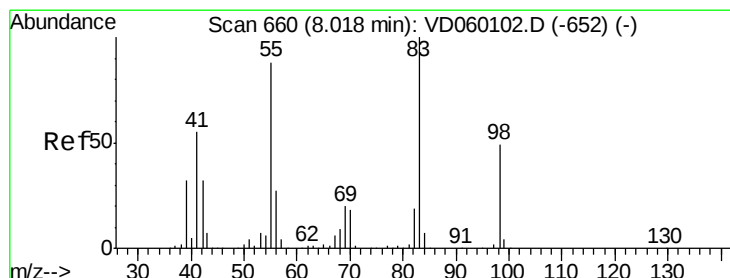
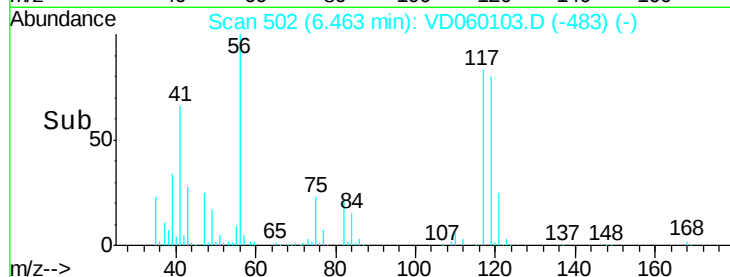
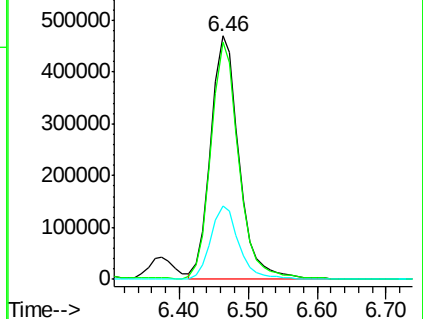
121 30.1 24.8 37.2



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#39

Methylcyclohexane

Concen: 69.364 ug/l

RT: 8.01 min Scan# 659

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

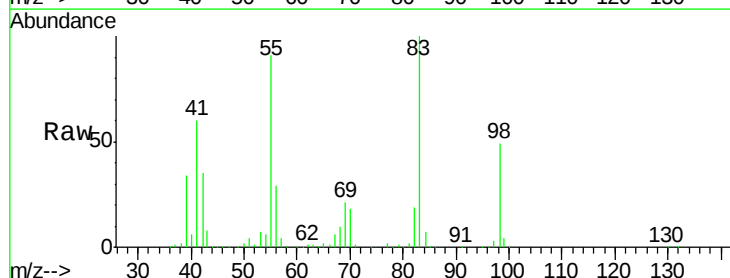
Tgt Ion: 83 Resp: 1595815

Ion Ratio Lower Upper

83 100

55 91.3 70.5 105.7

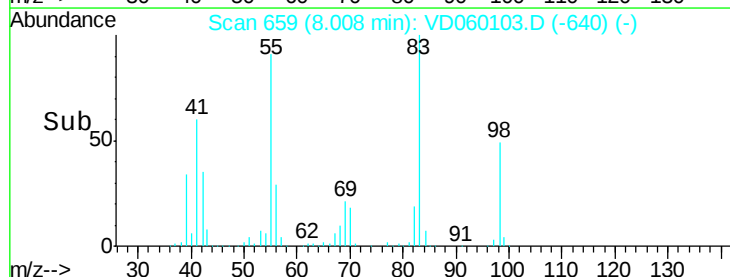
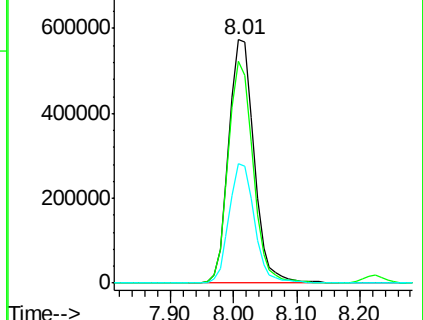
98 49.3 39.4 59.2

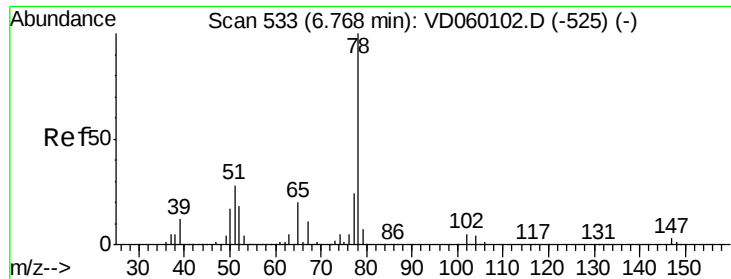


Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC





#40

Benzene

Concen: 71.954 ug/l

RT: 6.76 min Scan# 532

Delta R.T. -0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

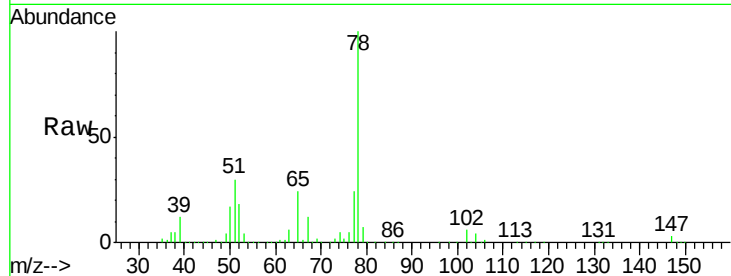
VSTDIC075

Tgt Ion: 78 Resp: 3723476

Ion Ratio Lower Upper

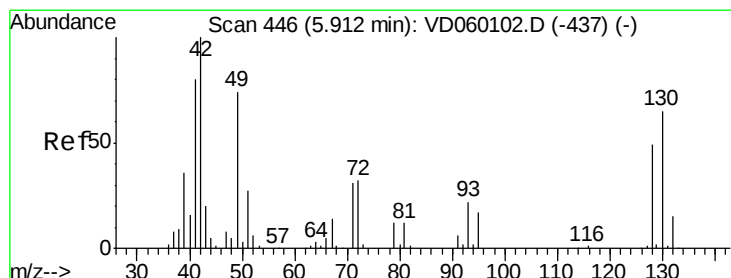
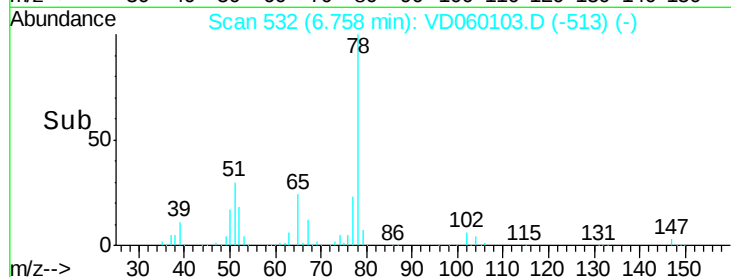
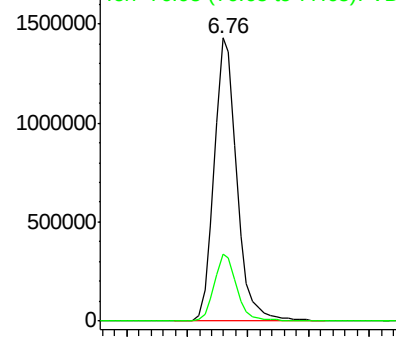
78 100

77 23.7 19.0 28.4



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#41

Methacrylonitrile

Concen: 144.898 ug/l

RT: 5.91 min Scan# 446

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Tgt Ion: 41 Resp: 1079445

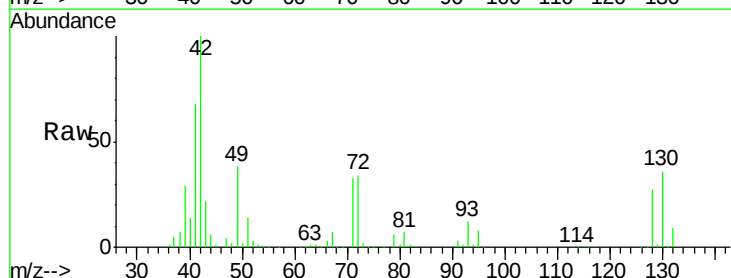
Ion Ratio Lower Upper

41 100

39 42.6 36.0 54.0

67 10.5 13.9 20.9#

52 4.7 6.1 9.1#

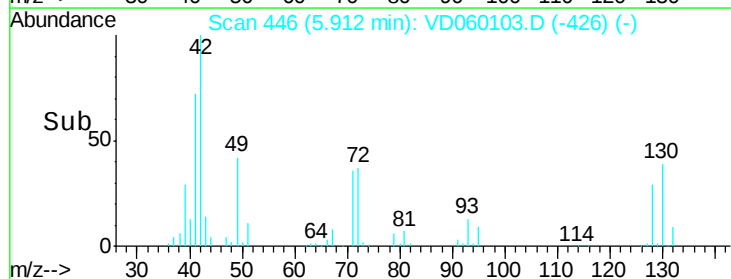
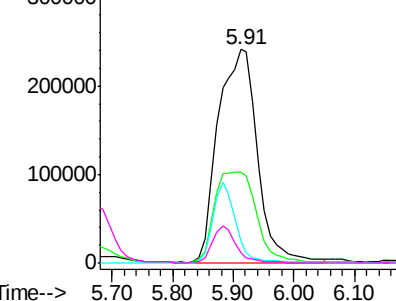


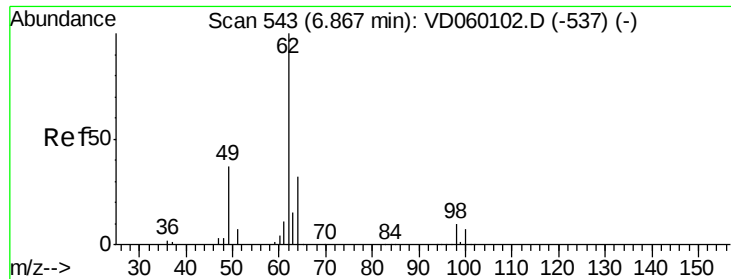
Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC





#42

1,2-Dichloroethane

Concen: 69.172 ug/l

RT: 6.87 min Scan# 543

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

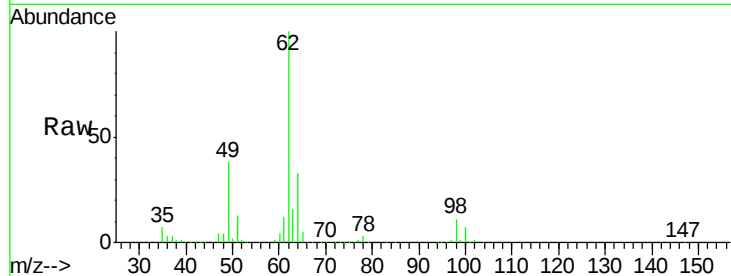
VSTDIC075

Tgt Ion: 62 Resp: 1073576

Ion Ratio Lower Upper

62 100

98 10.6 0.0 20.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

6.87

400000

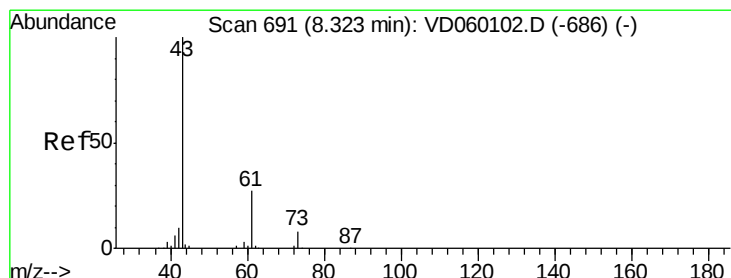
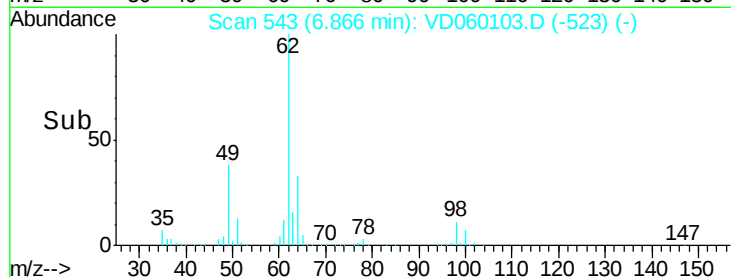
300000

200000

100000

0

Time--> 6.70 6.80 6.90 7.00 7.10



#43

Isopropyl Acetate

Concen: 70.591 ug/l

RT: 8.32 min Scan# 691

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

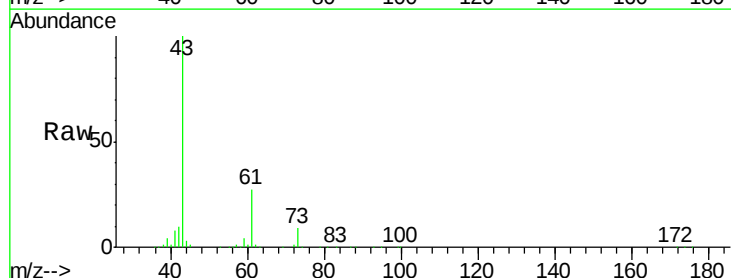
Tgt Ion: 43 Resp: 1309652

Ion Ratio Lower Upper

43 100

61 27.1 21.4 32.2

87 0.3 0.2 0.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC

8.32

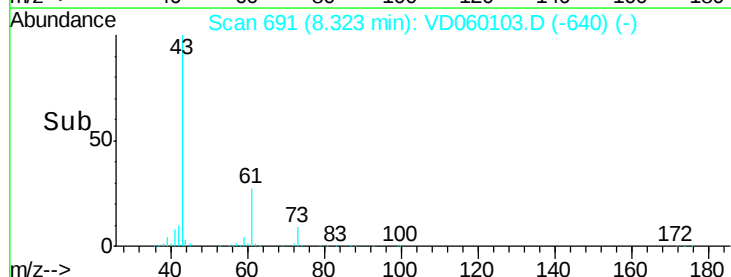
600000

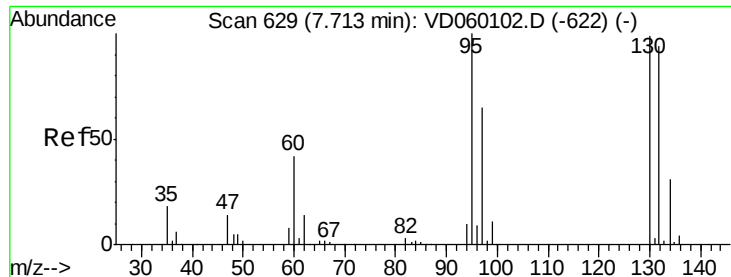
400000

200000

0

Time--> 8.20 8.40 8.60





#44

Trichloroethene

Concen: 73.021 ug/l

RT: 7.71 min Scan# 629

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

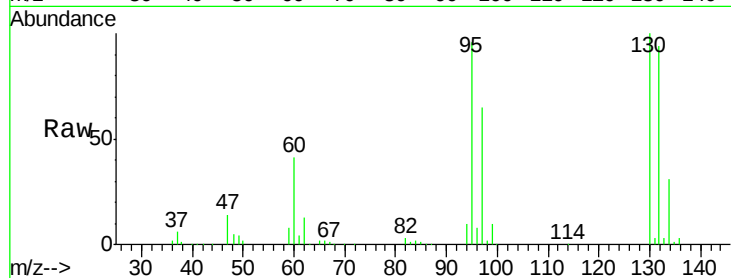
VSTDIC075

Tgt Ion:130 Resp: 1173656

Ion Ratio Lower Upper

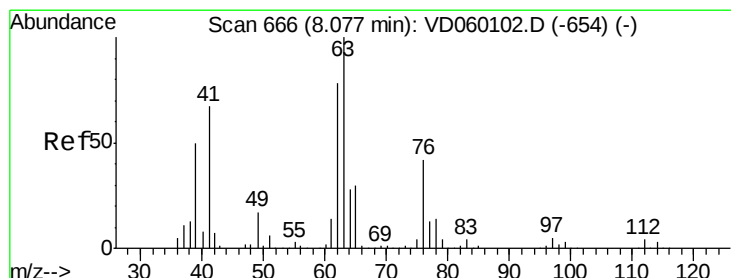
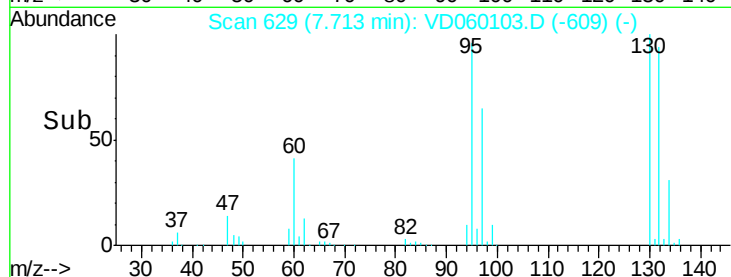
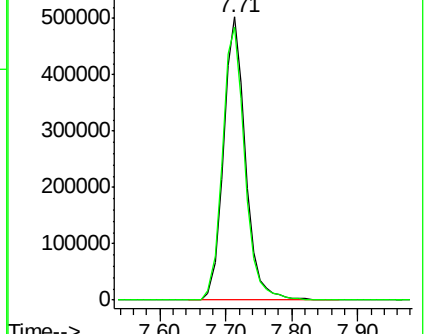
130 100

95 96.3 0.0 202.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#45

1,2-Dichloropropane

Concen: 71.189 ug/l

RT: 8.08 min Scan# 666

Delta R.T. -0.00 min

Lab File: VD060103.D

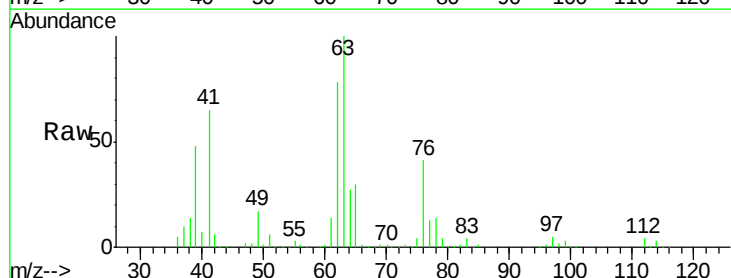
Acq: 1 Oct 2018 18:18

Tgt Ion: 63 Resp: 986084

Ion Ratio Lower Upper

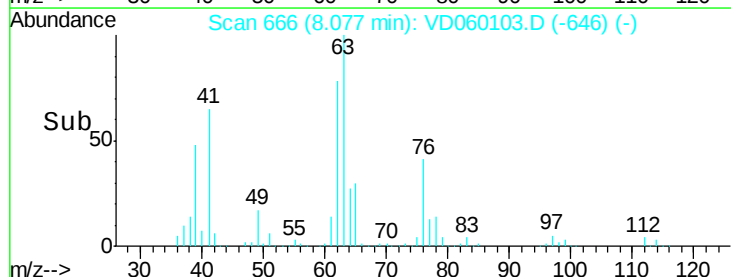
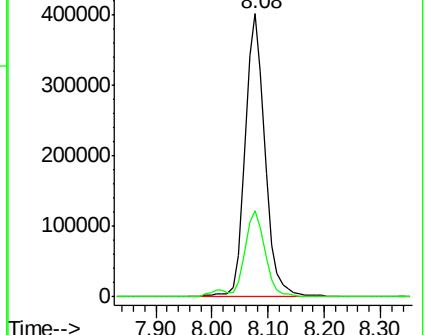
63 100

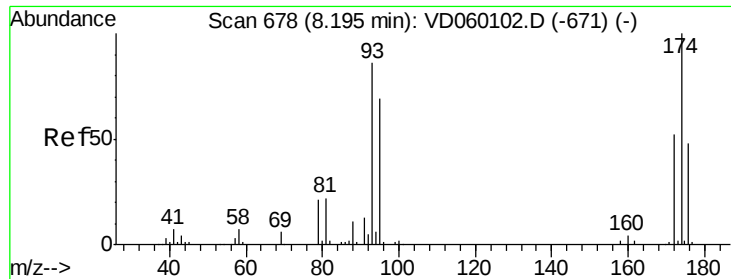
65 30.4 24.1 36.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

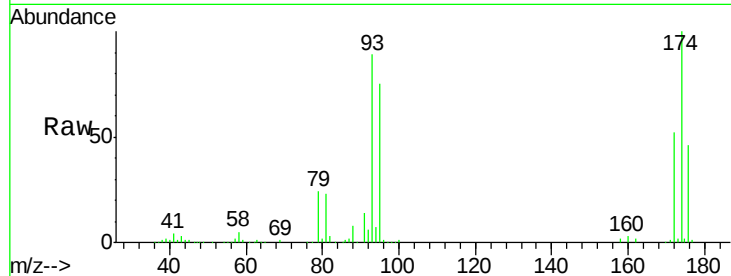




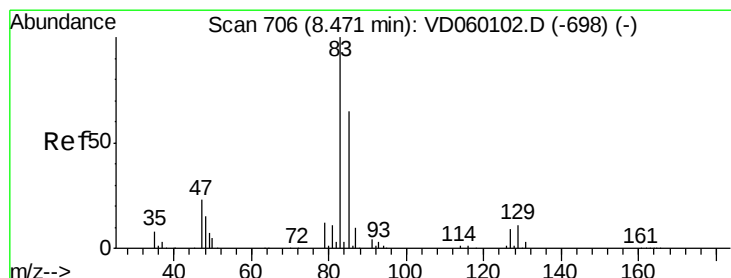
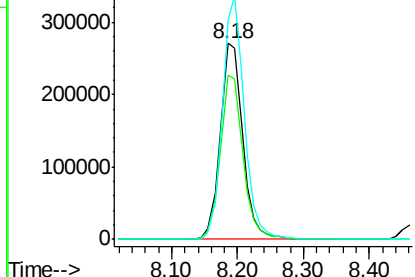
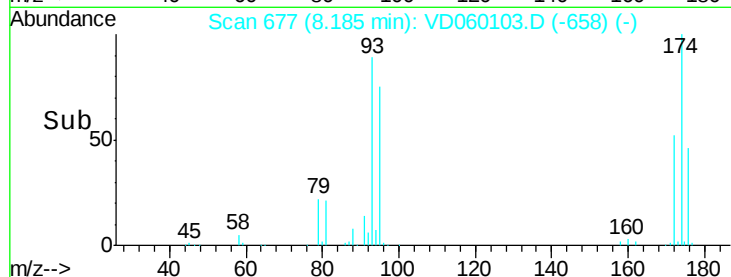
#46  
Dibromomethane  
Concen: 72.007 ug/l  
RT: 8.18 min Scan# 677  
Delta R.T. -0.01 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tgt Ion: 93 Resp: 648313  
Ion Ratio Lower Upper  
93 100  
95 83.7 63.8 95.6  
174 112.0 92.9 139.3

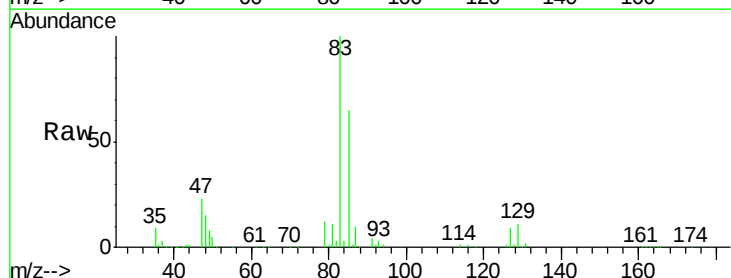


Abundance Ion 92.90 (92.60 to 93.60): VDC  
Ion 94.90 (94.60 to 95.60): VDC  
Ion 173.80 (173.50 to 174.50): V

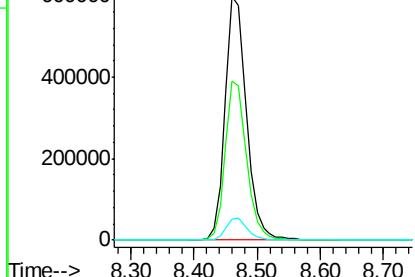
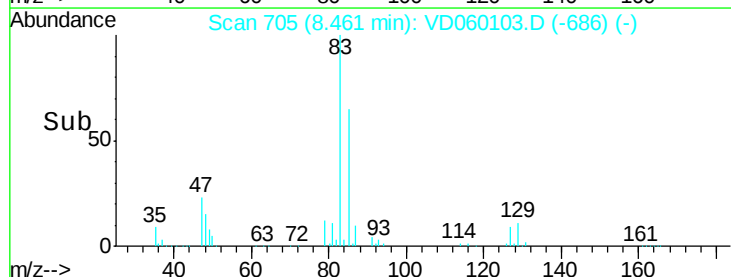


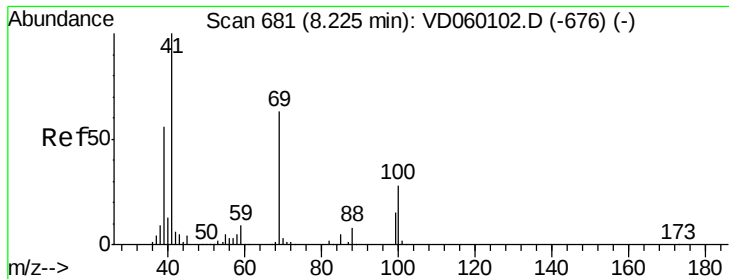
#47  
Bromodichloromethane  
Concen: 72.096 ug/l  
RT: 8.46 min Scan# 705  
Delta R.T. -0.01 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Tgt Ion: 83 Resp: 1403228  
Ion Ratio Lower Upper  
83 100  
85 65.4 52.2 78.2  
127 8.7 7.4 11.0



Abundance Ion 82.85 (82.55 to 83.55): VDC  
Ion 84.95 (84.65 to 85.65): VDC  
Ion 126.80 (126.50 to 127.50): V





#48

Methyl methacrylate

Concen: 70.164 ug/l

RT: 8.22 min Scan# 681

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

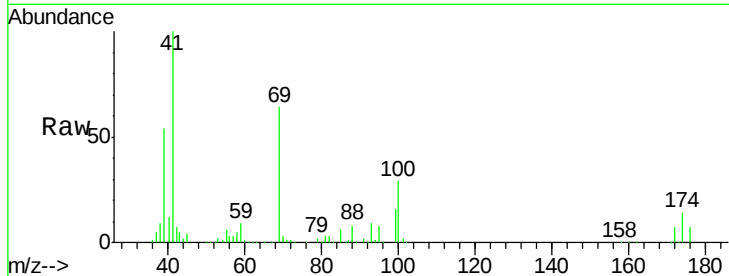
Tgt Ion: 41 Resp: 725700

Ion Ratio Lower Upper

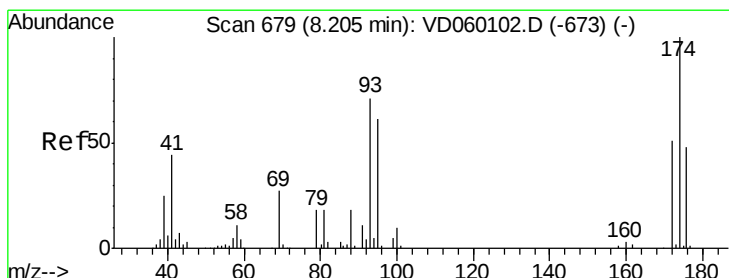
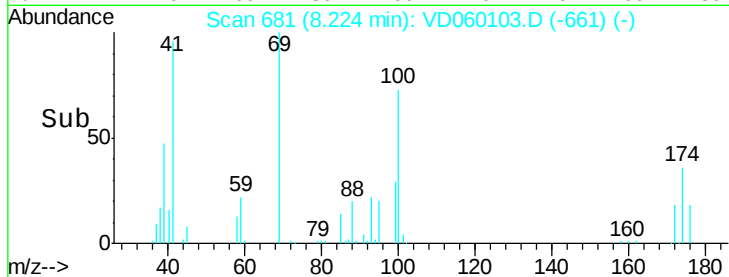
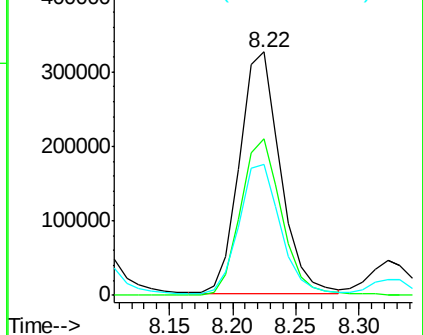
41 100

69 64.3 49.7 74.5

39 53.7 45.2 67.8



Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 38.95 (38.65 to 39.65): VDC



#49

1,4-Dioxane

Concen: 1427.324 ug/l

RT: 8.20 min Scan# 679

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

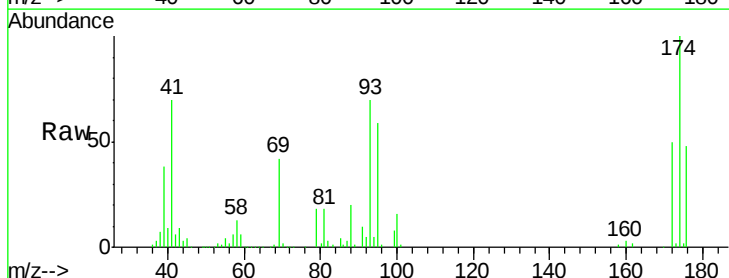
Tgt Ion: 88 Resp: 146910

Ion Ratio Lower Upper

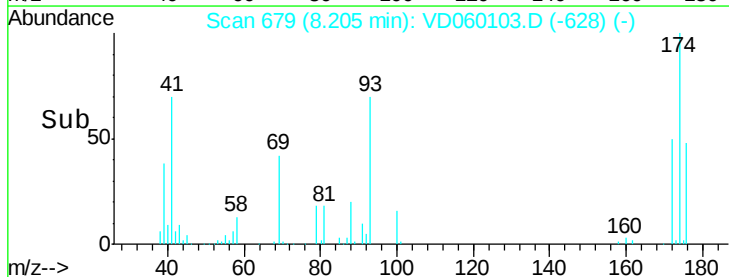
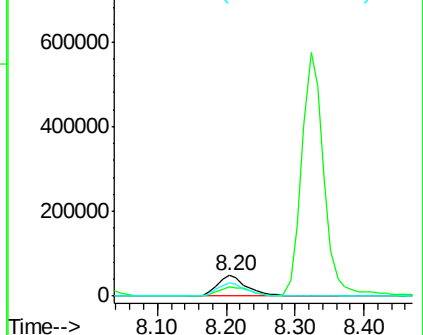
88 100

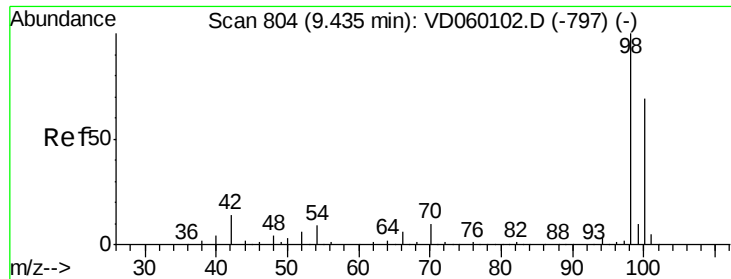
43 45.2 33.7 50.5

58 64.9 49.1 73.7



Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

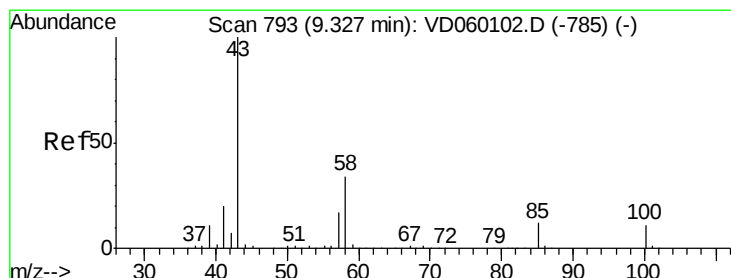
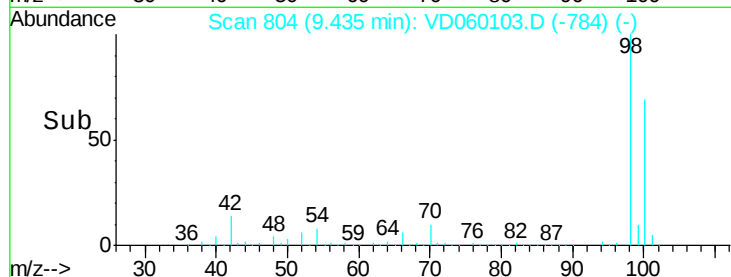
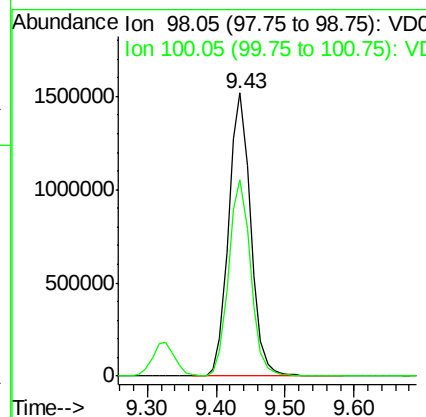
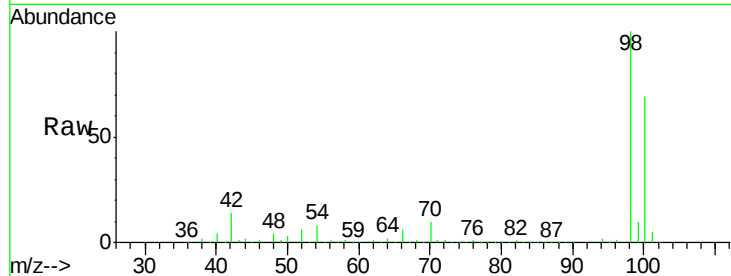




#50  
Toluene-d8  
Concen: 1427.324 ug/l  
RT: 9.43 min Scan# 804  
Delta R.T. -0.00 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

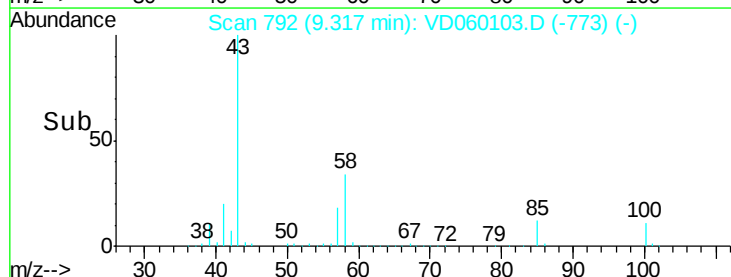
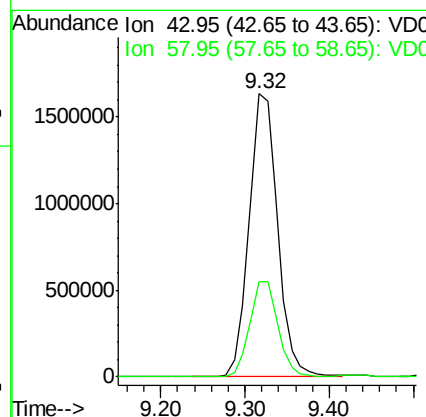
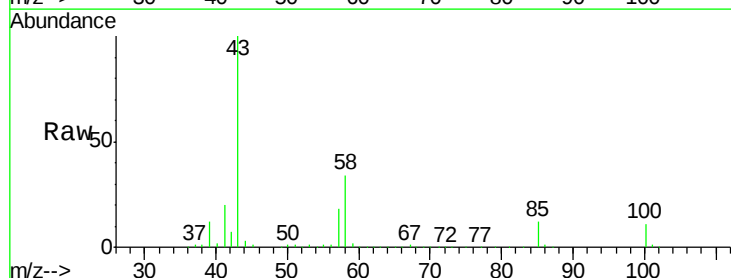
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC075

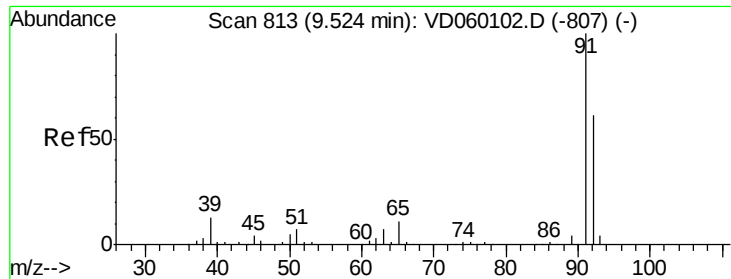
Tgt Ion: 98 Resp: 3361255  
Ion Ratio Lower Upper  
98 100  
100 69.3 55.4 83.0



#51  
4-Methyl-2-Pentanone  
Concen: 304.975 ug/l  
RT: 9.32 min Scan# 792  
Delta R.T. -0.01 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Tgt Ion: 43 Resp: 3881560  
Ion Ratio Lower Upper  
43 100  
58 33.7 27.2 40.8





#52

Toluene

Concen: 70.969 ug/l

RT: 9.52 min Scan# 813

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

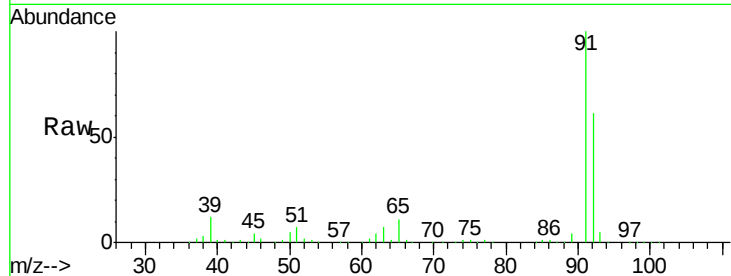
VSTDIC075

Tgt Ion: 92 Resp: 2370305

Ion Ratio Lower Upper

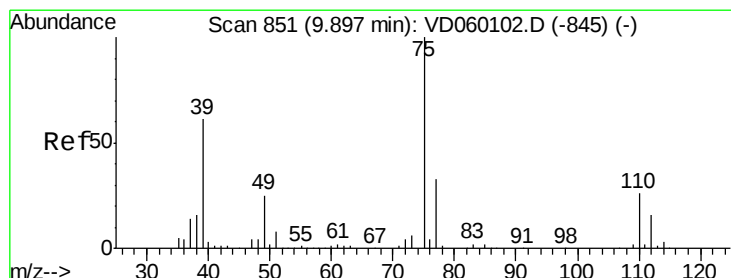
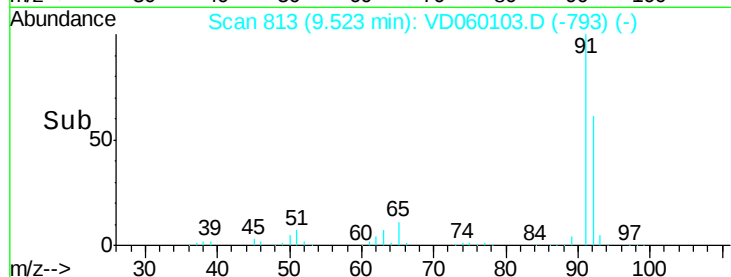
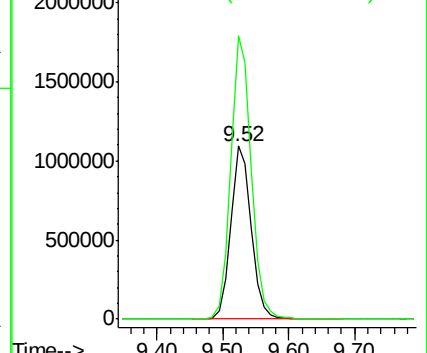
92 100

91 163.8 131.9 197.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#53

t-1,3-Dichloropropene

Concen: 67.723 ug/l

RT: 9.90 min Scan# 851

Delta R.T. -0.00 min

Lab File: VD060103.D

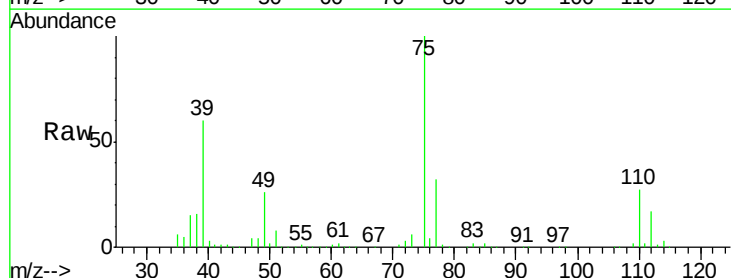
Acq: 1 Oct 2018 18:18

Tgt Ion: 75 Resp: 1230952

Ion Ratio Lower Upper

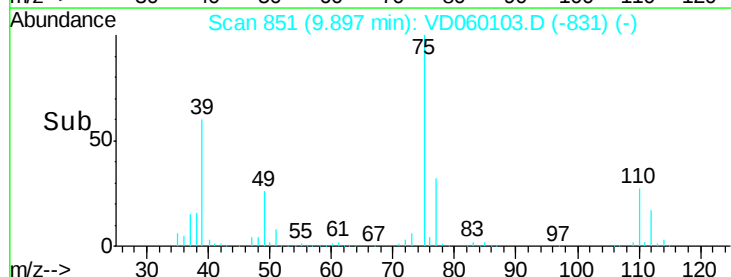
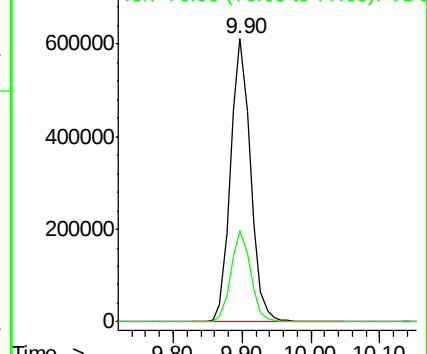
75 100

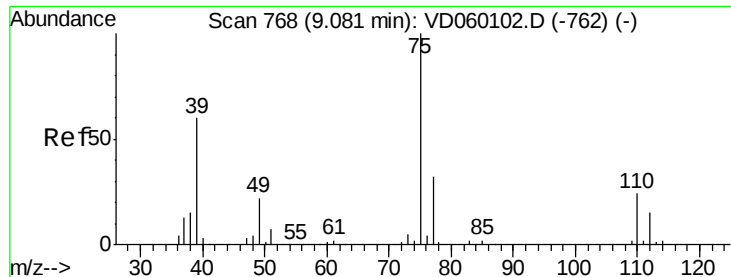
77 32.5 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#54

cis-1,3-Dichloropropene

Concen: 71.235 ug/l

RT: 9.08 min Scan# 768

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

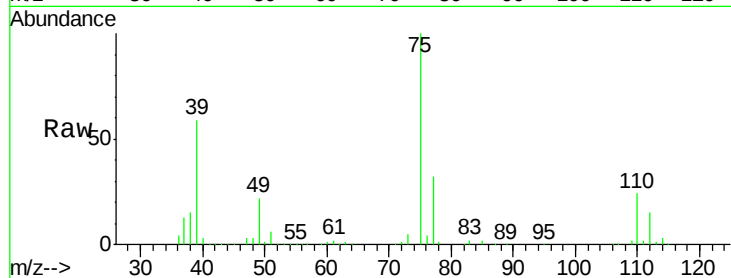
Tgt Ion: 75 Resp: 1544922

Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

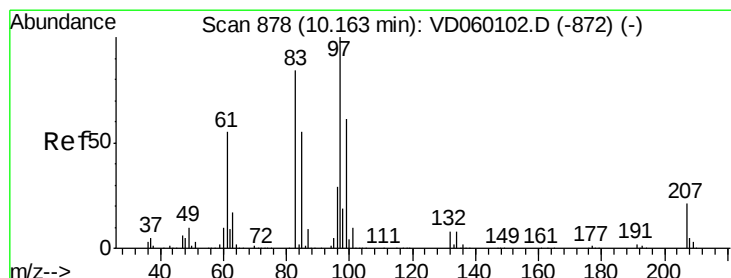
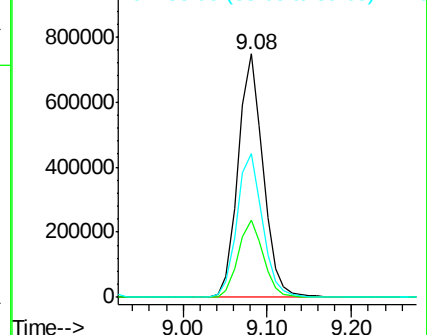
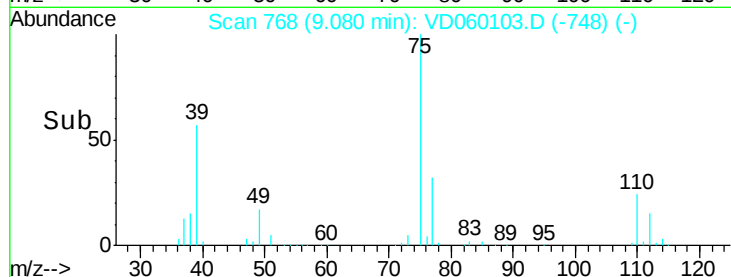
39 59.0 48.2 72.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC



#55

1,1,2-Trichloroethane

Concen: 68.497 ug/l

RT: 10.16 min Scan# 878

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Tgt Ion: 97 Resp: 793452

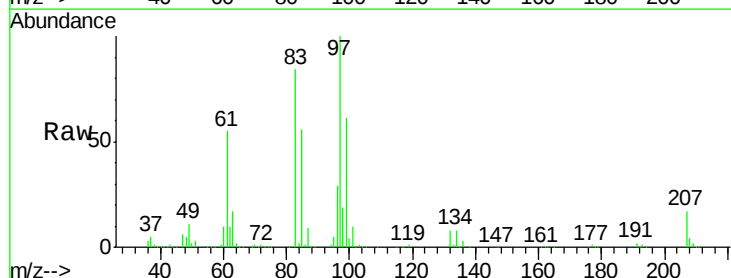
Ion Ratio Lower Upper

97 100

83 84.3 67.0 100.6

85 55.5 43.9 65.9

99 61.1 49.1 73.7

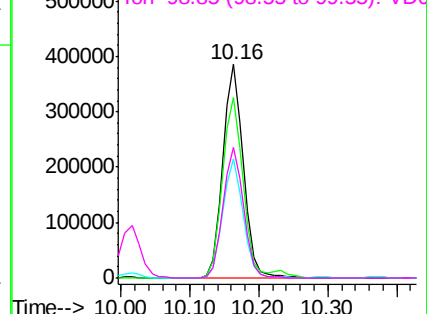
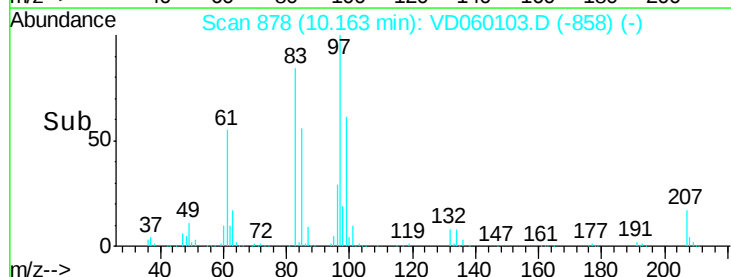


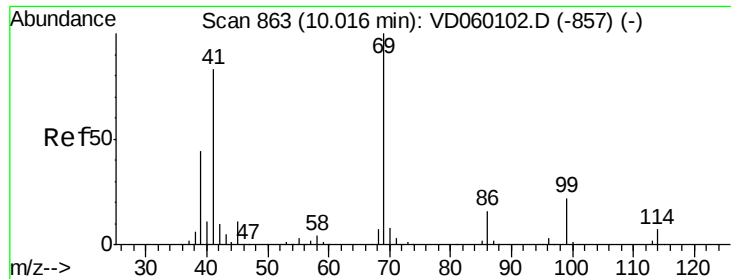
Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC





#56

Ethyl methacrylate

Concen: 69.779 ug/l

RT: 10.02 min Scan# 863

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

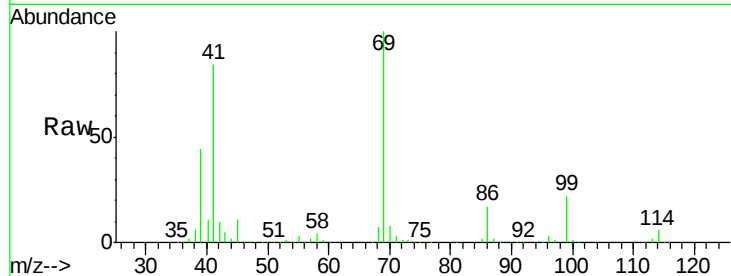
Tgt Ion: 69 Resp: 890999

Ion Ratio Lower Upper

69 100

41 84.4 66.6 100.0

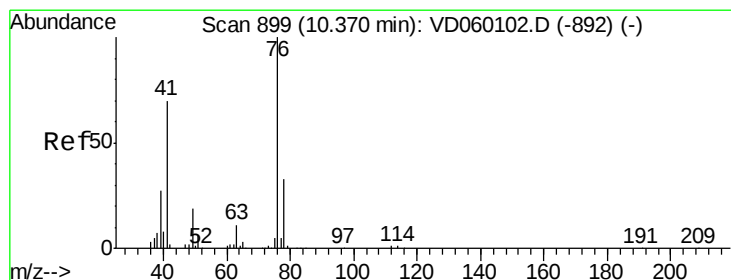
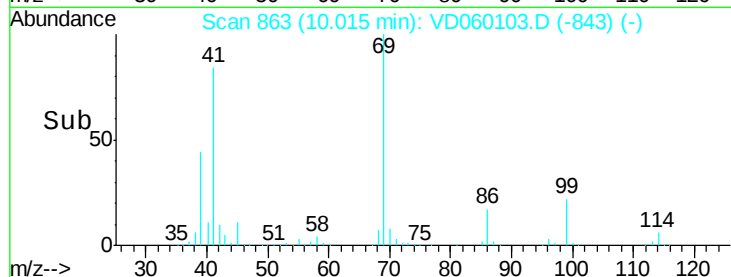
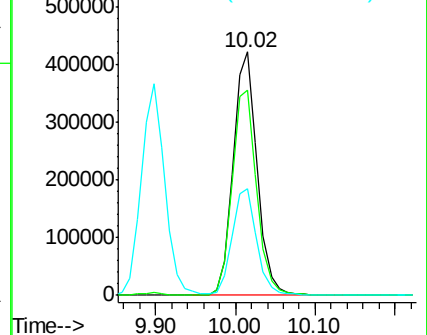
39 43.7 36.0 54.0



Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC



#57

1,3-Dichloropropane

Concen: 71.280 ug/l

RT: 10.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD060103.D

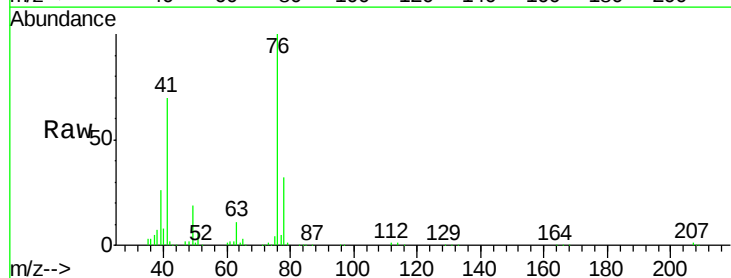
Acq: 1 Oct 2018 18:18

Tgt Ion: 76 Resp: 1216014

Ion Ratio Lower Upper

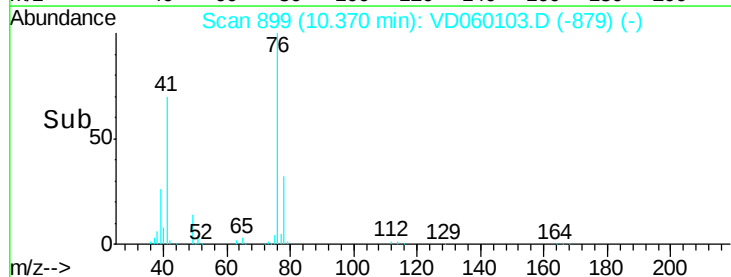
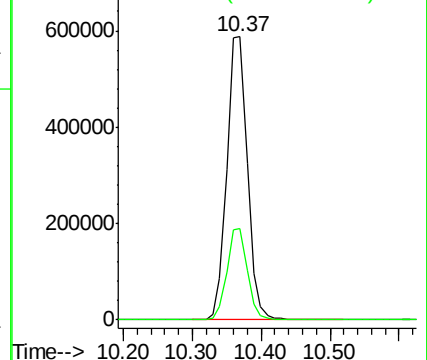
76 100

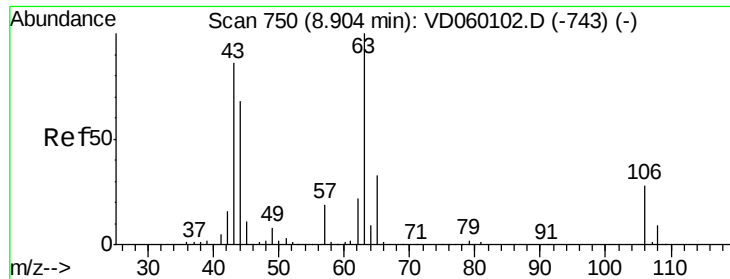
78 32.1 26.2 39.2



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC





#58

2-Chloroethyl Vinyl ether

Concen: 362.551 ug/l

RT: 8.90 min Scan# 750

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

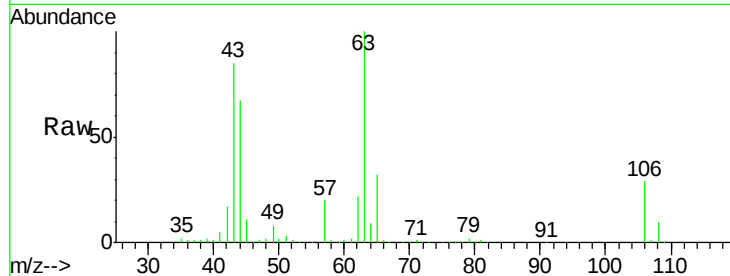
VSTDIC075

Tgt Ion: 63 Resp: 2282824

Ion Ratio Lower Upper

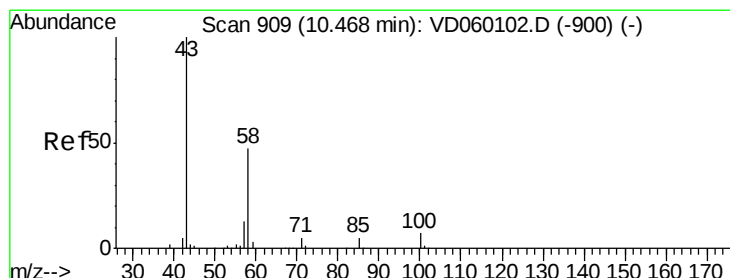
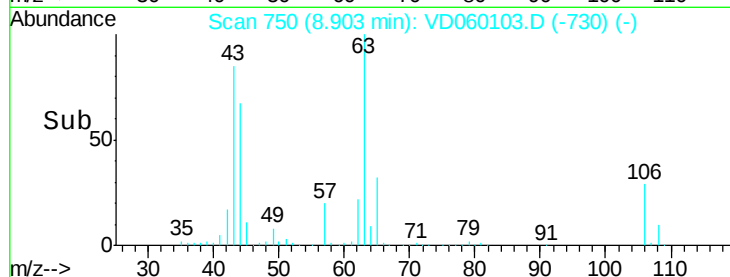
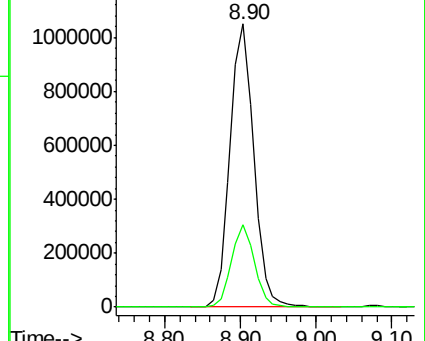
63 100

106 28.9 22.6 34.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC



#59

2-Hexanone

Concen: 311.442 ug/l

RT: 10.47 min Scan# 909

Delta R.T. -0.00 min

Lab File: VD060103.D

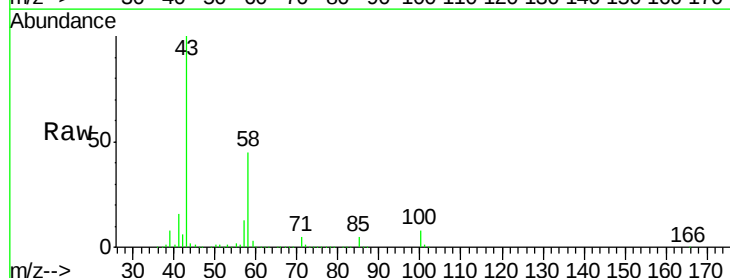
Acq: 1 Oct 2018 18:18

Tgt Ion: 43 Resp: 2860368

Ion Ratio Lower Upper

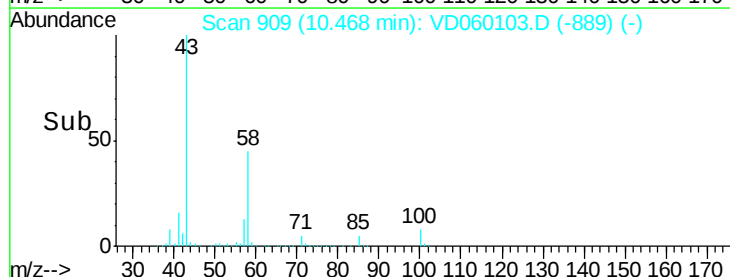
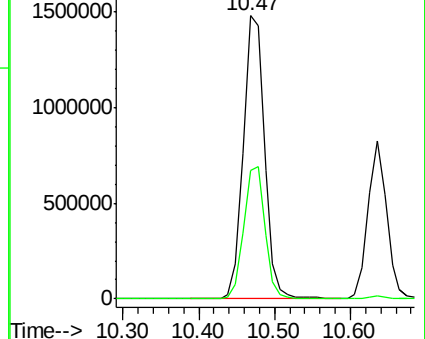
43 100

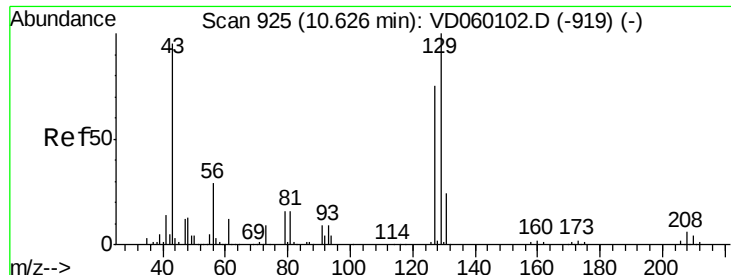
58 45.3 23.3 69.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

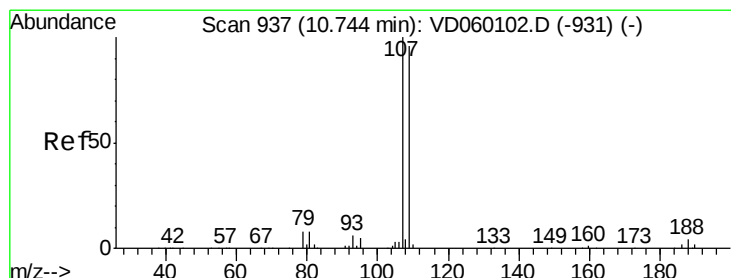
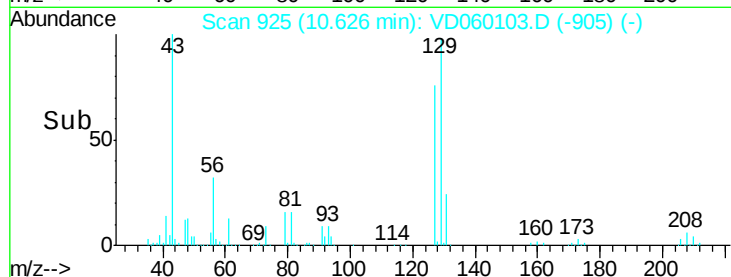
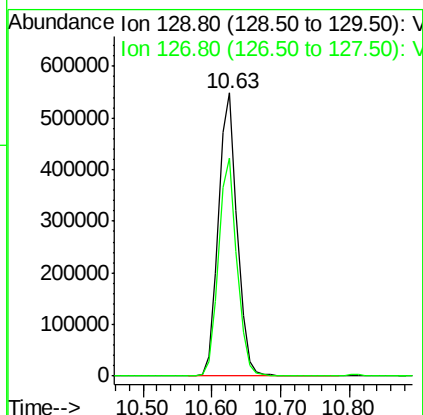
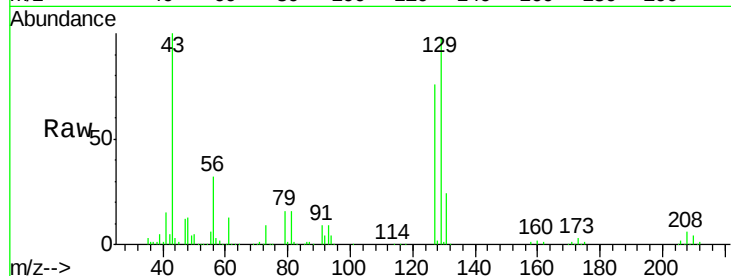




#60  
 Dibromochloromethane  
 Concen: 73.823 ug/l  
 RT: 10.63 min Scan# 925  
 Delta R.T. -0.00 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

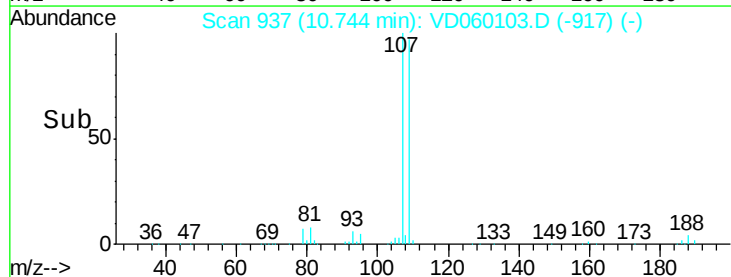
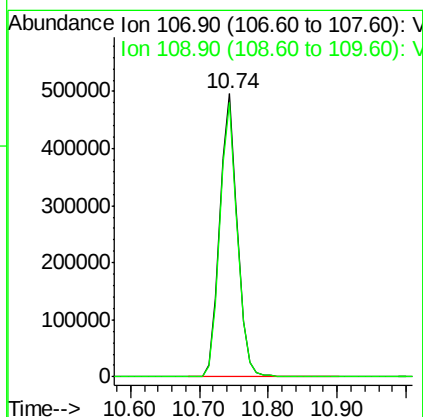
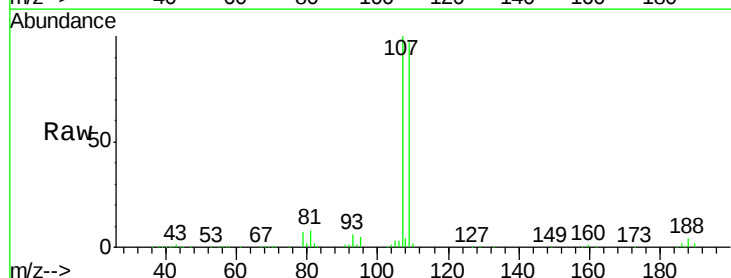
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

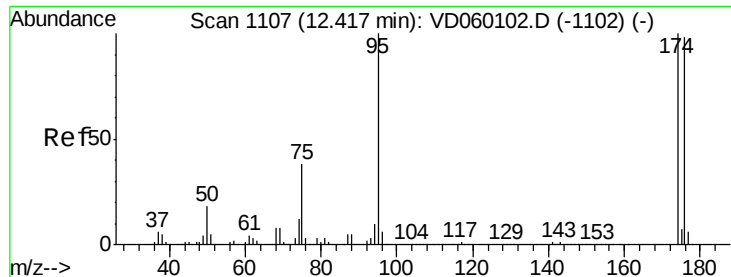
Tgt Ion:129 Resp: 1031739  
 Ion Ratio Lower Upper  
 129 100  
 127 77.0 37.4 112.2



#61  
 1,2-Dibromoethane  
 Concen: 73.272 ug/l  
 RT: 10.74 min Scan# 937  
 Delta R.T. -0.00 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

Tgt Ion:107 Resp: 876082  
 Ion Ratio Lower Upper  
 107 100  
 109 96.9 77.1 115.7

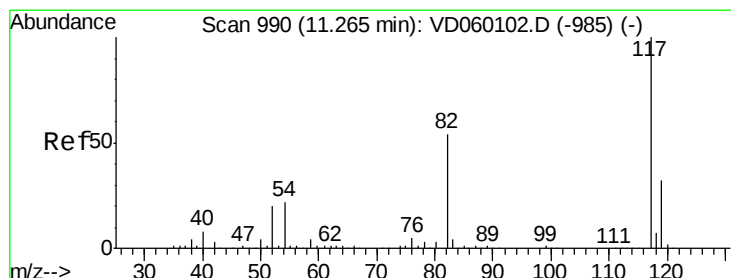
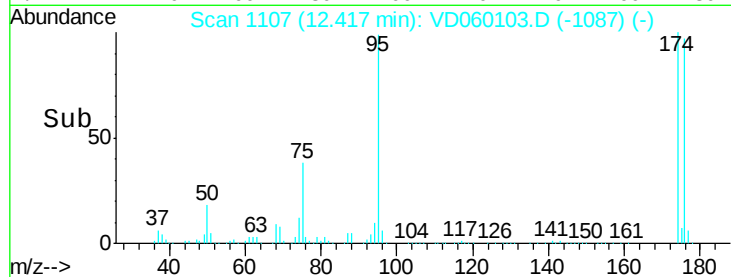
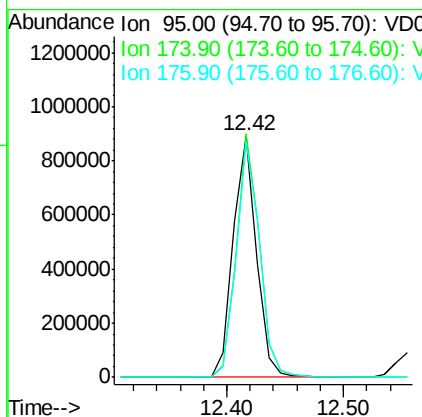
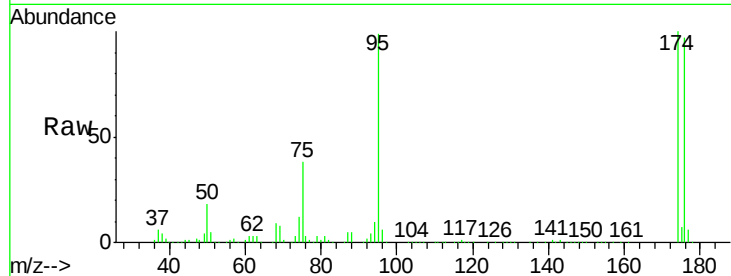




#62  
4-Bromofluorobenzene  
Concen: 73.272 ug/l  
RT: 12.42 min Scan# 1107  
Delta R.T. -0.00 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

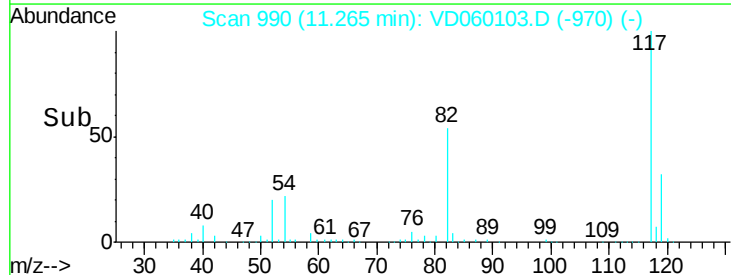
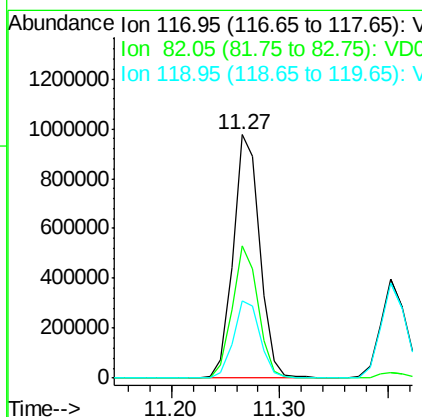
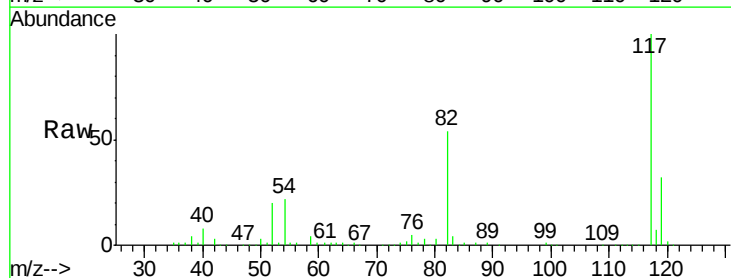
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

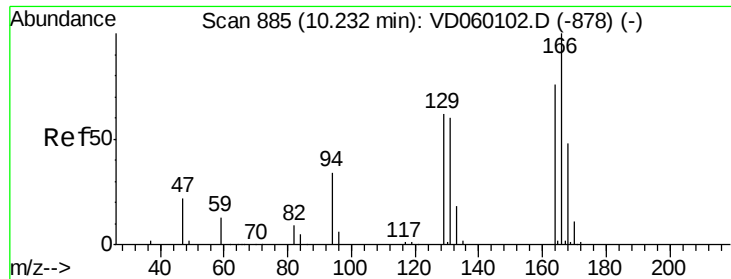
Tgt Ion: 95 Resp: 1232467  
Ion Ratio Lower Upper  
95 100  
174 100.9 0.0 200.2  
176 97.8 0.0 195.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.27 min Scan# 990  
Delta R.T. -0.00 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Tgt Ion: 117 Resp: 1662760  
Ion Ratio Lower Upper  
117 100  
82 54.5 43.4 65.2  
119 31.8 26.0 39.0





#64

Tetrachloroethene

Concen: 74.112 ug/l

RT: 10.23 min Scan# 885

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

Tgt Ion:164 Resp: 1073311

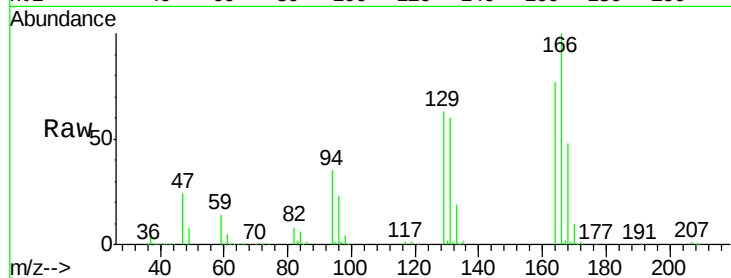
Ion Ratio Lower Upper

164 100

166 129.9 105.4 158.0

129 82.1 65.7 98.5

131 77.6 62.9 94.3

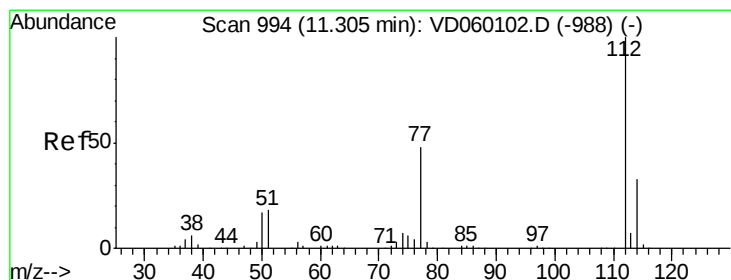
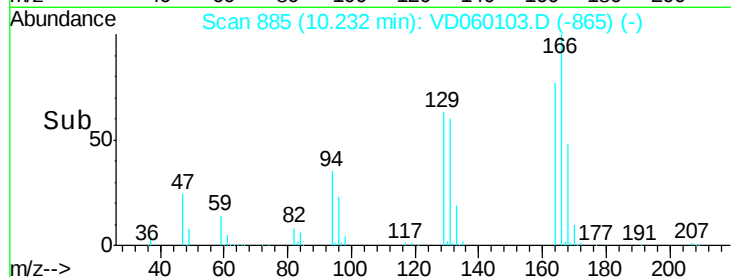
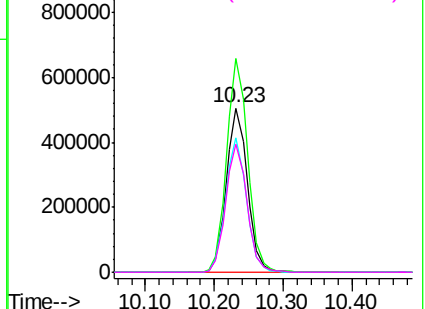


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 73.827 ug/l

RT: 11.29 min Scan# 993

Delta R.T. -0.01 min

Lab File: VD060103.D

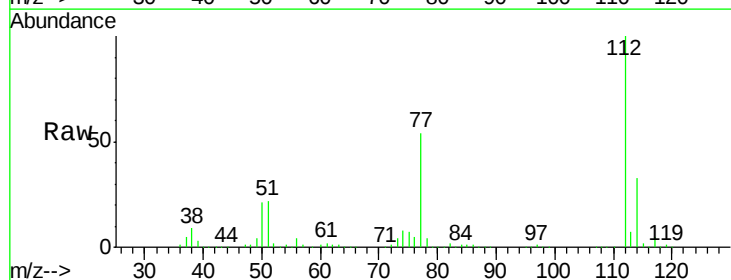
Acq: 1 Oct 2018 18:18

Tgt Ion:112 Resp: 2610284

Ion Ratio Lower Upper

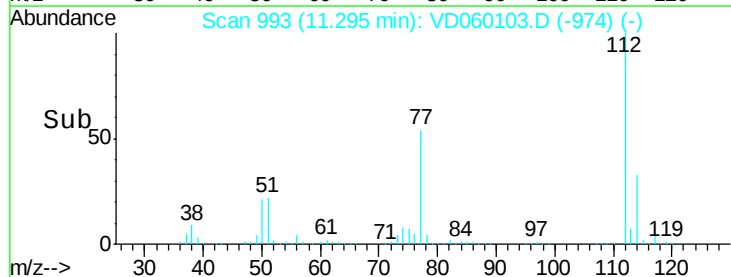
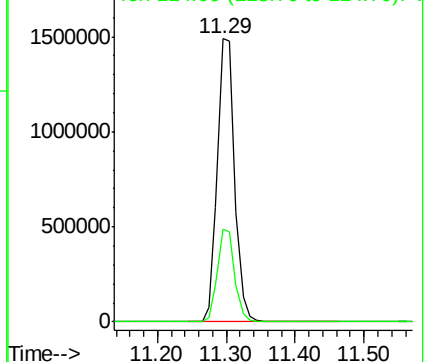
112 100

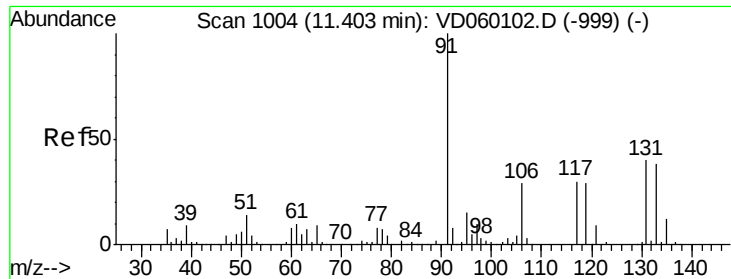
114 32.5 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V

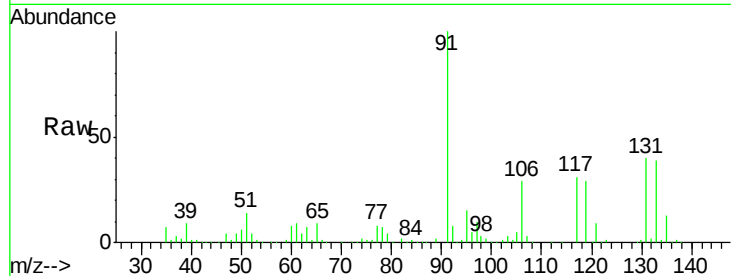




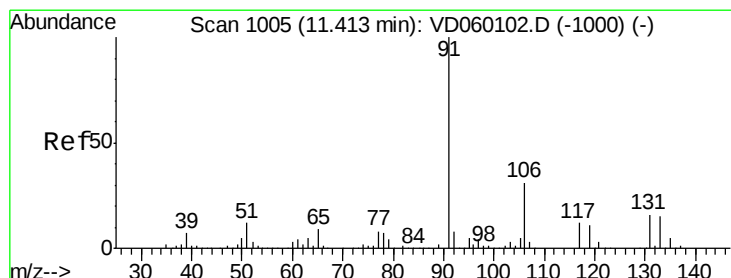
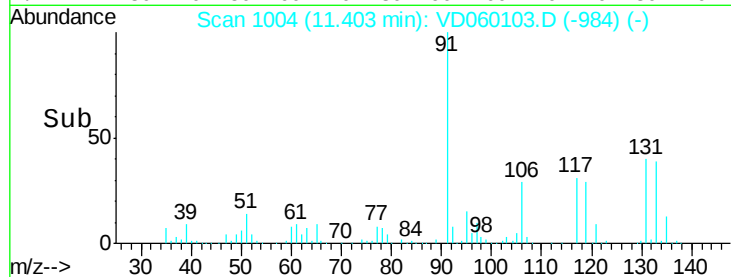
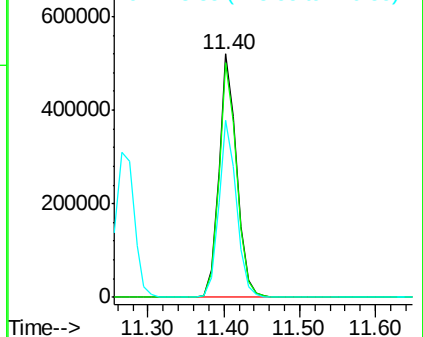
#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 71.659 ug/l  
 RT: 11.40 min Scan# 1004  
 Delta R.T. -0.00 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Tgt Ion: 131 Resp: 852404  
 Ion Ratio Lower Upper  
 131 100  
 133 96.3 47.4 142.3  
 119 72.9 36.1 108.3

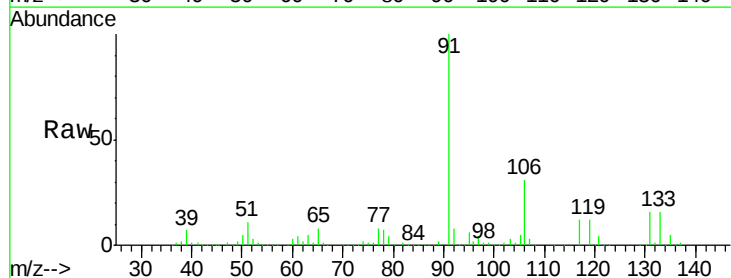


Abundance Ion 130.90 (130.60 to 131.60): V  
 Ion 132.90 (132.60 to 133.60): V  
 Ion 118.85 (118.55 to 119.55): V

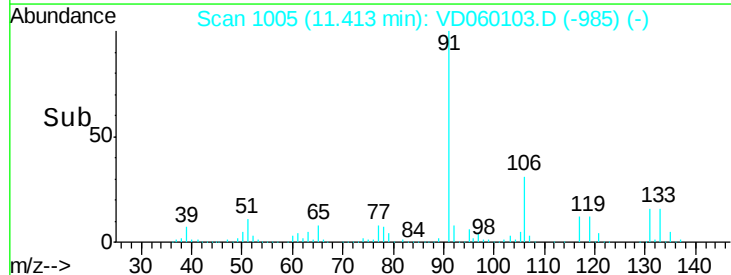
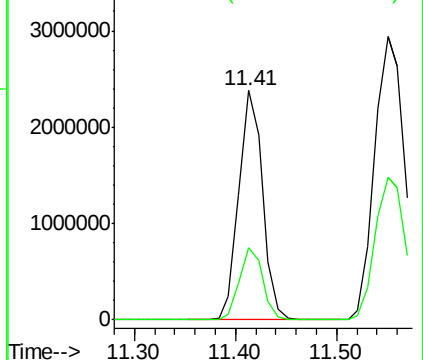


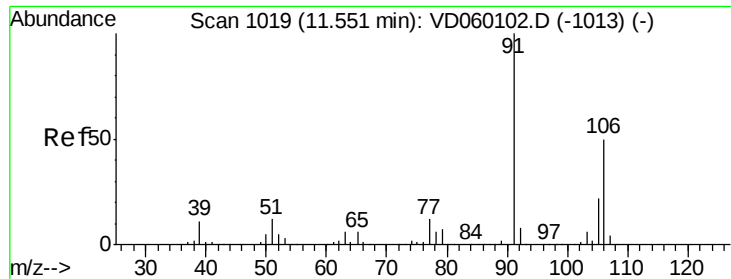
#67  
 Ethyl Benzene  
 Concen: 68.728 ug/l  
 RT: 11.41 min Scan# 1005  
 Delta R.T. -0.00 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

Tgt Ion: 91 Resp: 3901746  
 Ion Ratio Lower Upper  
 91 100  
 106 31.3 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VDC  
 Ion 106.05 (105.75 to 106.75): V

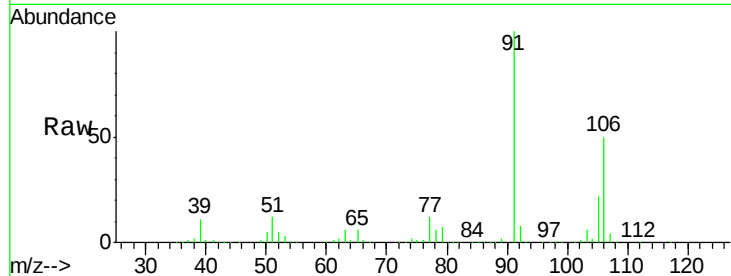




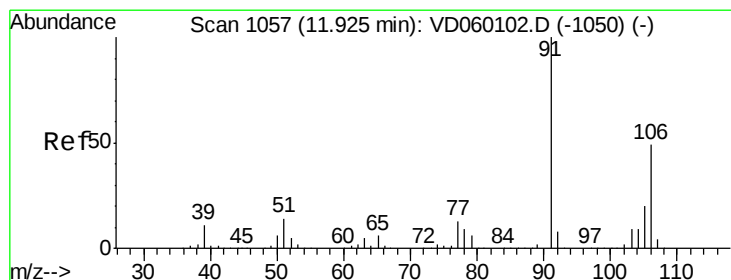
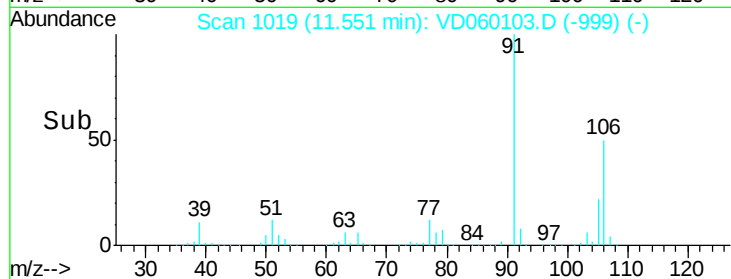
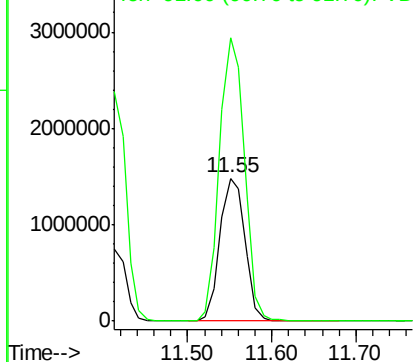
#68  
m/p-Xylenes  
Concen: 146.030 ug/l  
RT: 11.55 min Scan# 1019  
Delta R.T. -0.00 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tgt Ion:106 Resp: 3053375  
Ion Ratio Lower Upper  
106 100  
91 198.5 160.0 240.0

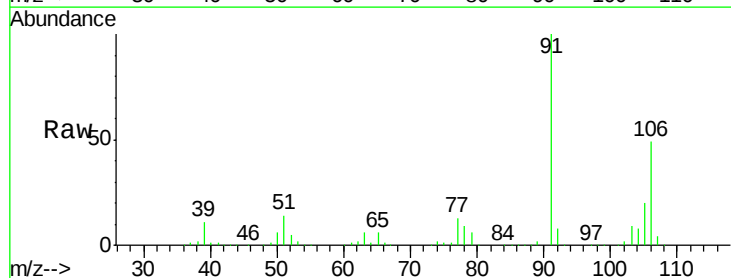


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

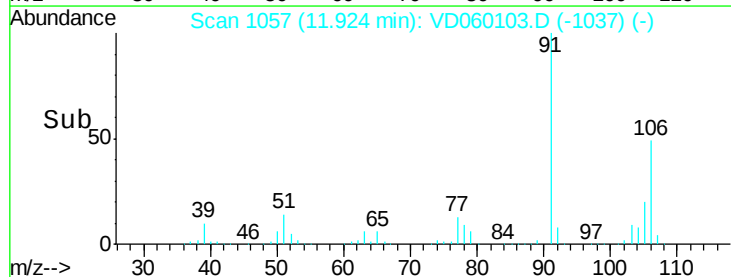
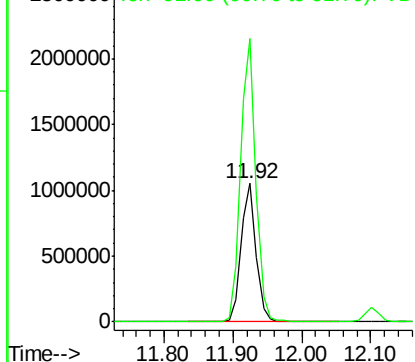


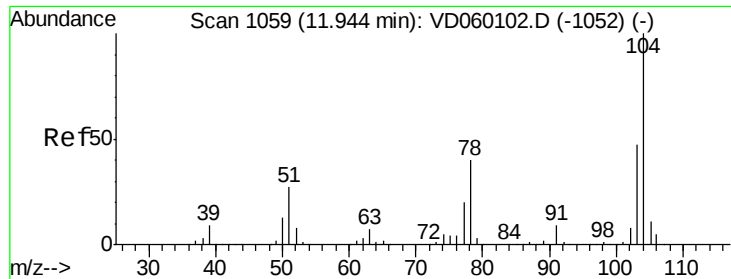
#69  
o-Xylene  
Concen: 75.321 ug/l  
RT: 11.92 min Scan# 1057  
Delta R.T. -0.00 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Tgt Ion:106 Resp: 1570610  
Ion Ratio Lower Upper  
106 100  
91 204.9 102.5 307.5



Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

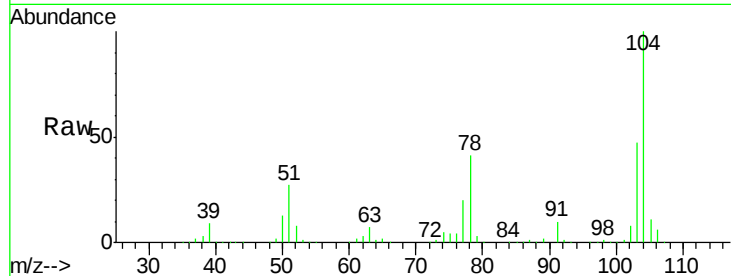




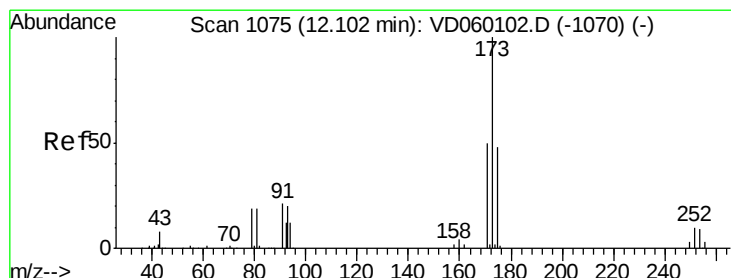
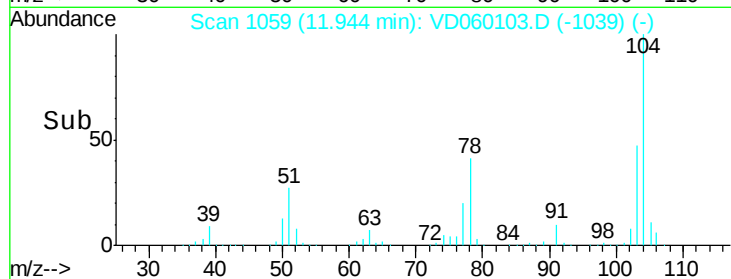
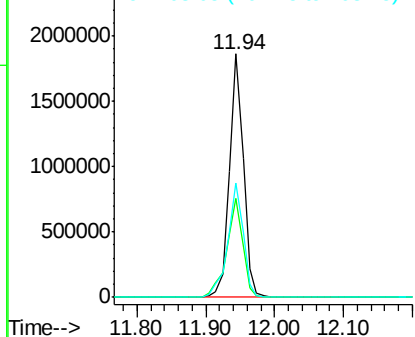
#70  
Styrene  
Concen: 74.549 ug/l  
RT: 11.94 min Scan# 1059  
Delta R.T. -0.00 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tgt Ion:104 Resp: 2610250  
Ion Ratio Lower Upper  
104 100  
78 40.5 32.2 48.4  
103 46.7 37.4 56.0

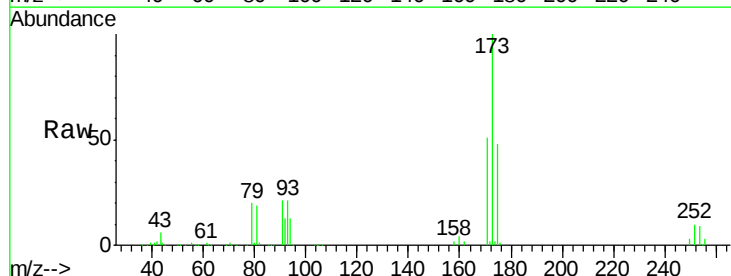


Abundance Ion 104.05 (103.75 to 104.75): V  
Ion 77.95 (77.65 to 78.65): V  
Ion 103.05 (102.75 to 103.75): V

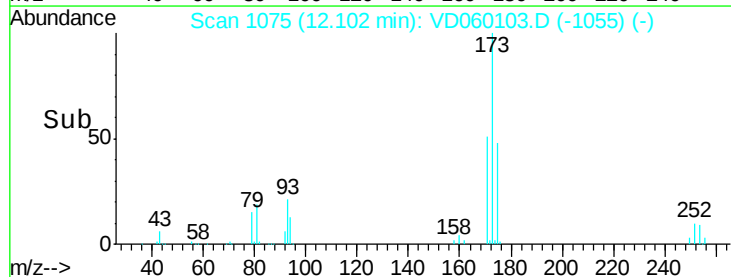
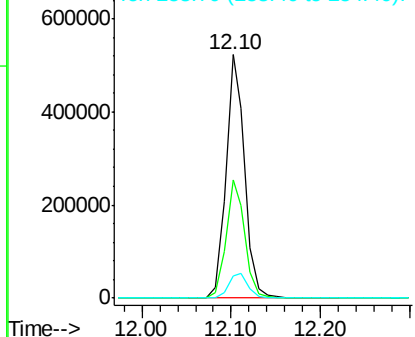


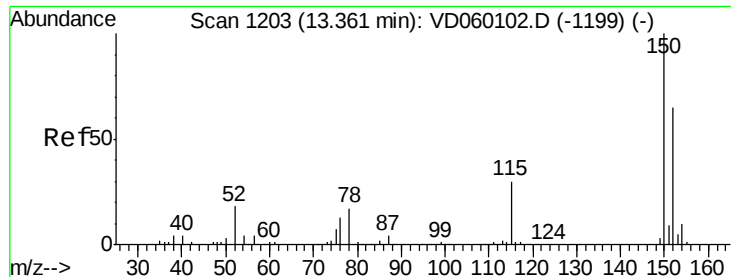
#71  
Bromoform  
Concen: 75.527 ug/l  
RT: 12.10 min Scan# 1075  
Delta R.T. -0.00 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Tgt Ion:173 Resp: 768961  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.1 72.4  
254 9.0 7.4 11.0



Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.36 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

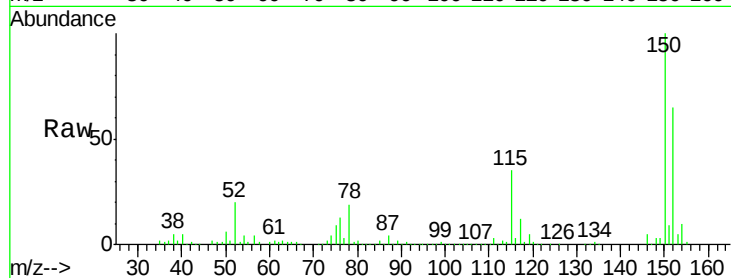
Tgt Ion:152 Resp: 896264

Ion Ratio Lower Upper

152 100

115 54.0 27.1 81.2

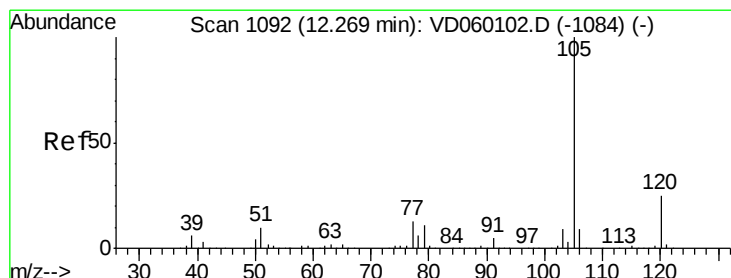
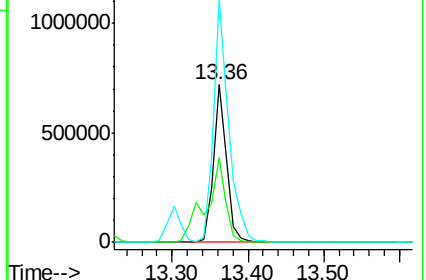
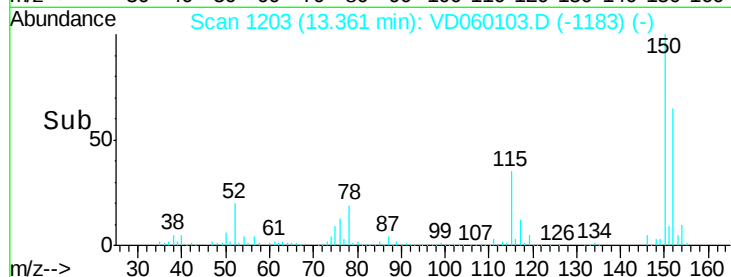
150 154.6 0.0 311.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 71.570 ug/l

RT: 12.27 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VD060103.D

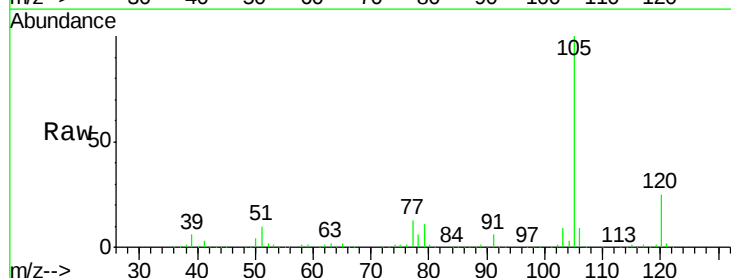
Acq: 1 Oct 2018 18:18

Tgt Ion:105 Resp: 4168179

Ion Ratio Lower Upper

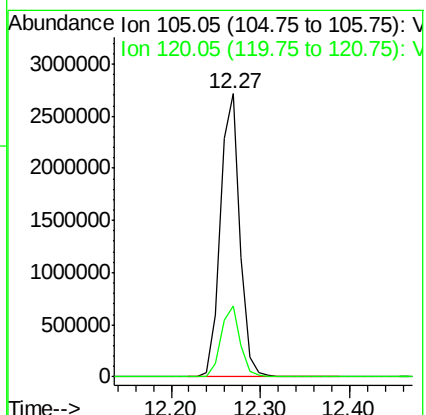
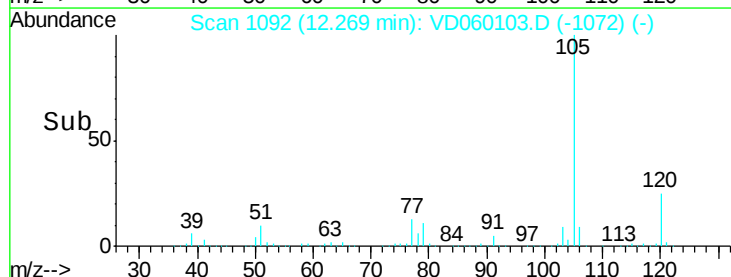
105 100

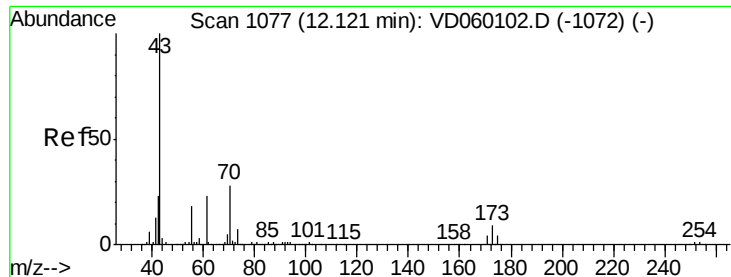
120 25.1 12.6 37.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



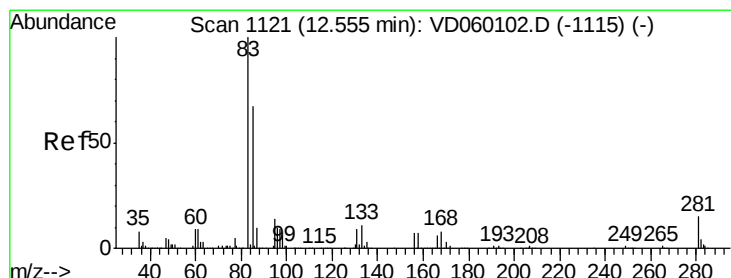
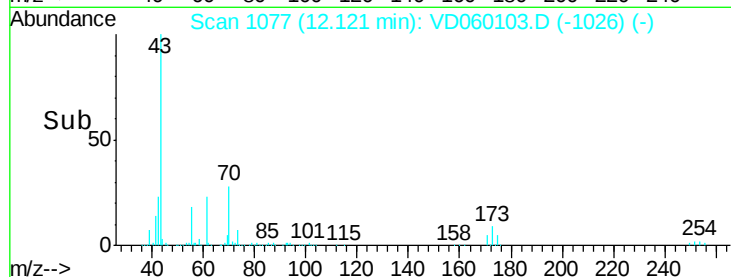
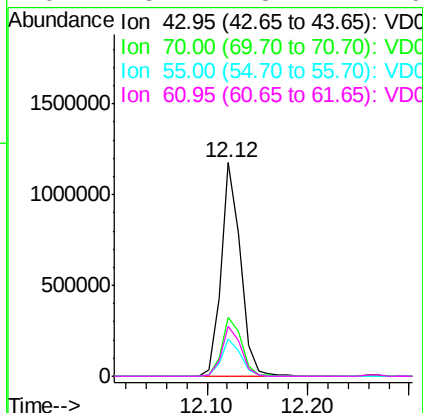
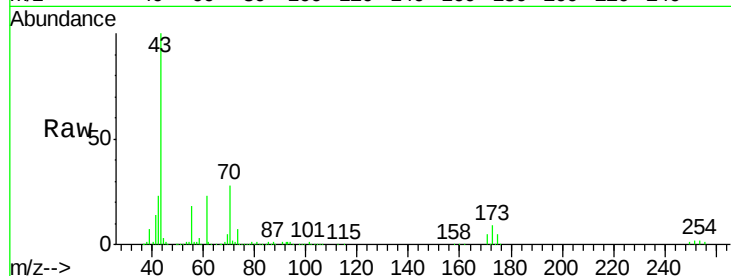


#74  
N-amyI acetate  
Concen: 68.779 ug/l  
RT: 12.12 min Scan# 1077  
Delta R.T. -0.00 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tgt Ion: 43 Resp: 1576545

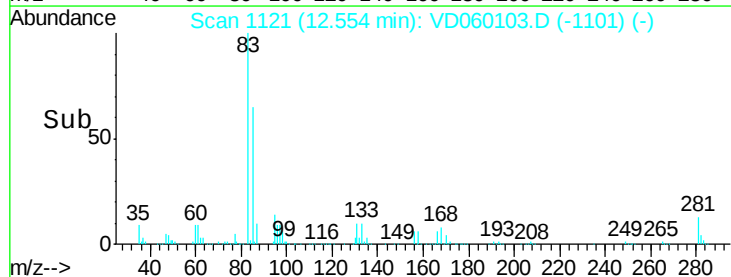
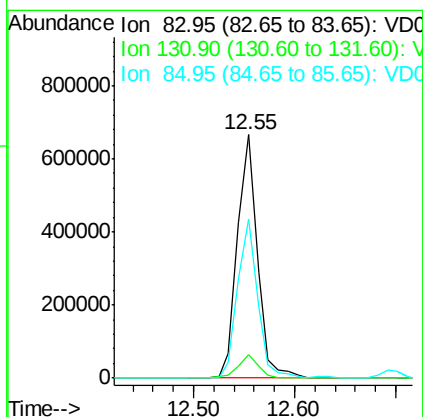
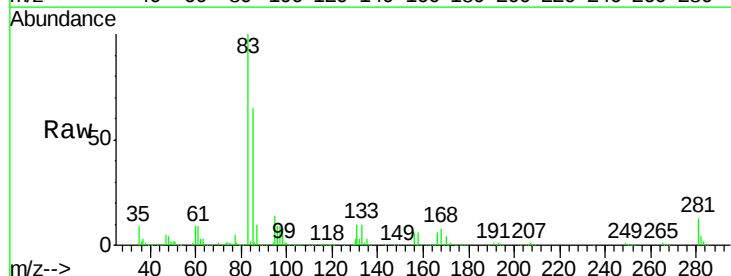
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 70  | 27.6  | 22.1  | 33.1  |
| 55  | 17.6  | 14.1  | 21.1  |
| 61  | 23.1  | 18.4  | 27.6  |

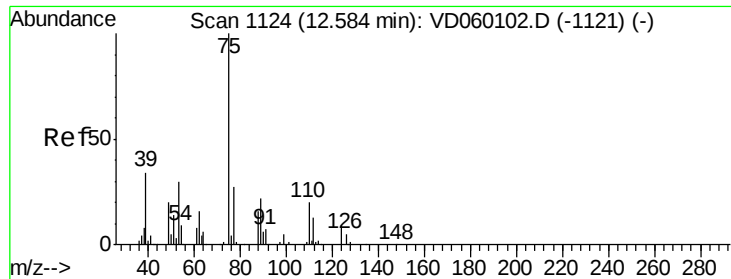


#75  
1,1,2,2-Tetrachloroethane  
Concen: 69.625 ug/l  
RT: 12.55 min Scan# 1121  
Delta R.T. -0.00 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Tgt Ion: 83 Resp: 919098

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 9.5   | 4.5   | 13.4  |
| 85  | 65.5  | 33.3  | 99.9  |

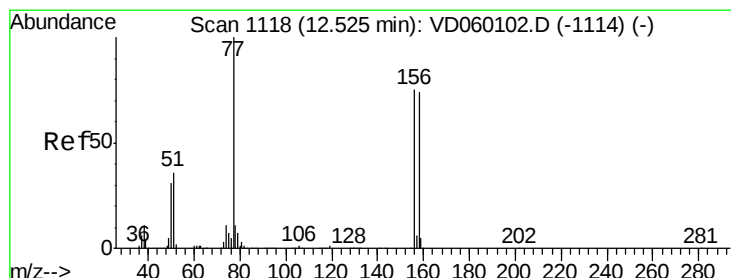
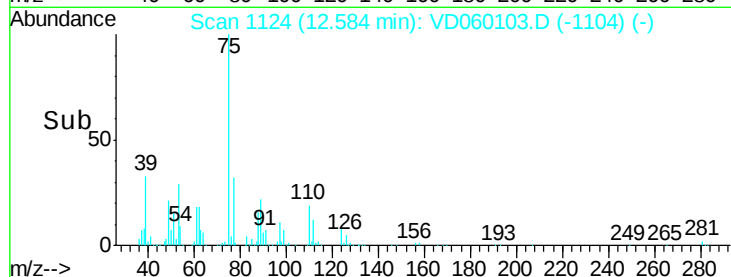
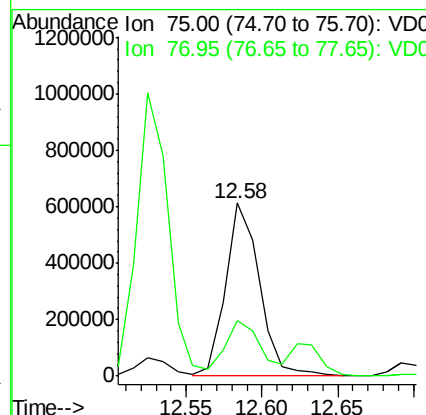
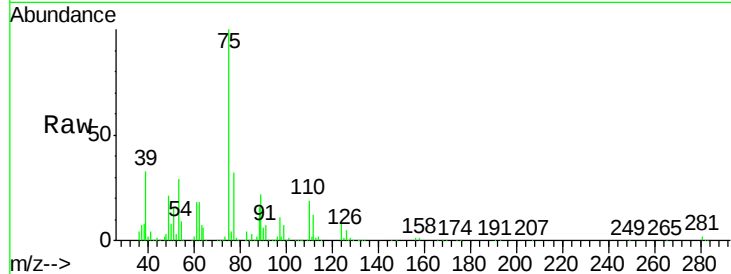




#76  
 1,2,3-Trichloropropane  
 Concen: 70.503 ug/l  
 RT: 12.58 min Scan# 1124  
 Delta R.T. -0.00 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

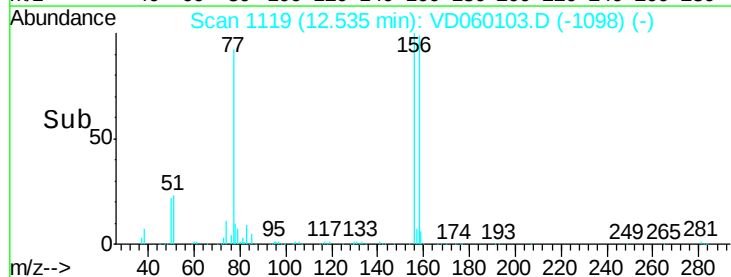
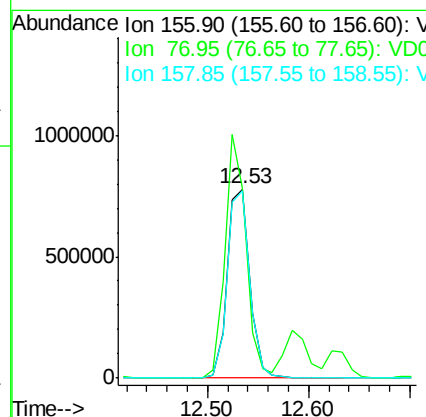
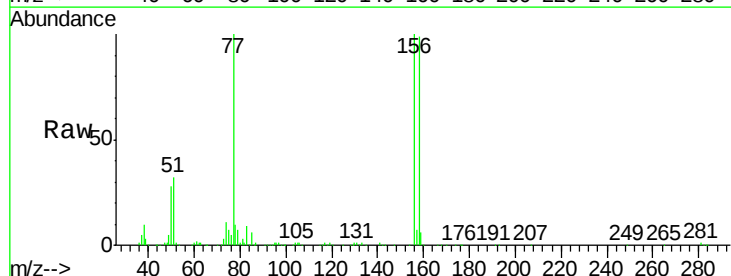
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

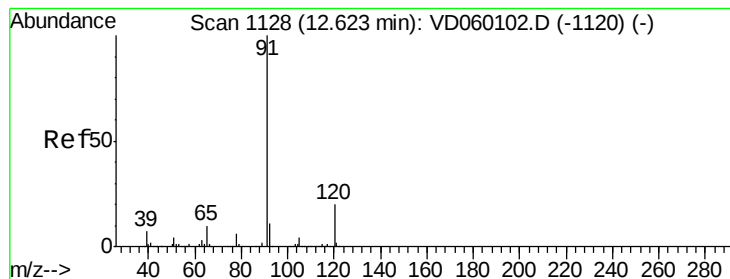
Tgt Ion: 75 Resp: 949711  
 Ion Ratio Lower Upper  
 75 100  
 77 32.3 16.3 48.9



#77  
 Bromobenzene  
 Concen: 71.654 ug/l  
 RT: 12.53 min Scan# 1119  
 Delta R.T. 0.01 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

Tgt Ion: 156 Resp: 1209101  
 Ion Ratio Lower Upper  
 156 100  
 77 100.5 66.9 200.7  
 158 99.1 49.1 147.4





#78

n-propylbenzene

Concen: 67.522 ug/l

RT: 12.63 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

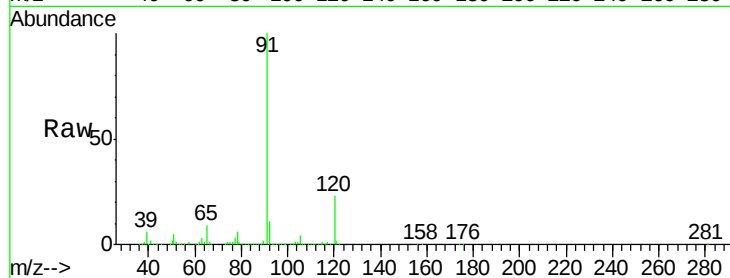
VSTDIC075

Tgt Ion: 91 Resp: 4929847

Ion Ratio Lower Upper

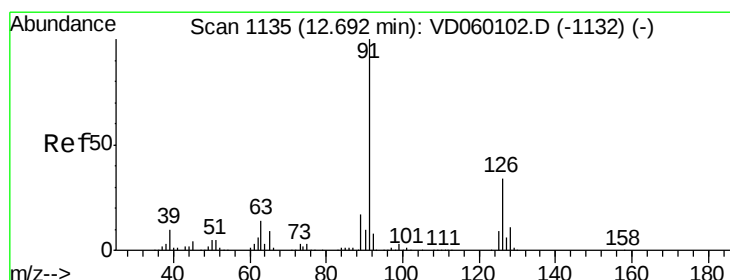
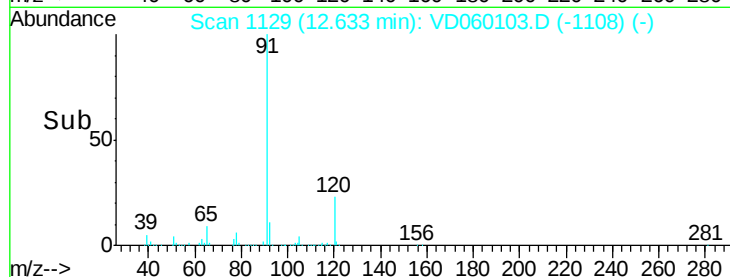
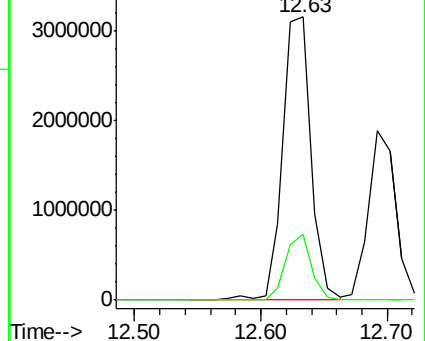
91 100

120 23.1 10.0 30.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V



#79

2-Chlorotoluene

Concen: 68.829 ug/l

RT: 12.69 min Scan# 1135

Delta R.T. -0.00 min

Lab File: VD060103.D

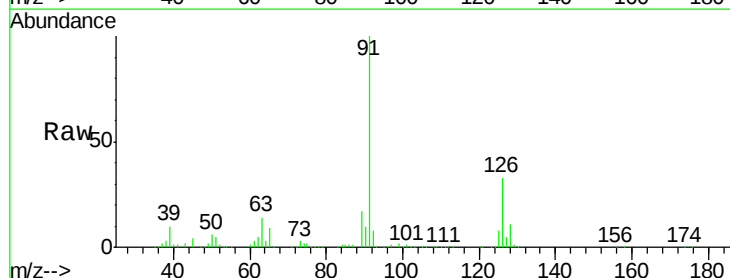
Acq: 1 Oct 2018 18:18

Tgt Ion: 91 Resp: 2831325

Ion Ratio Lower Upper

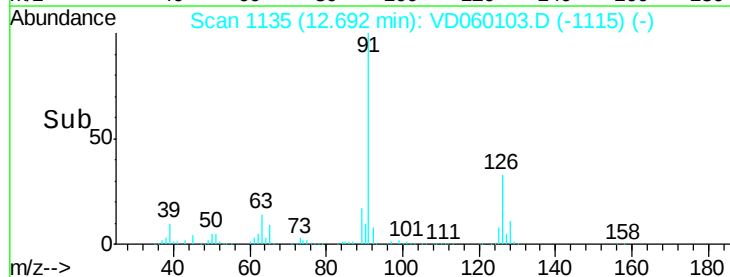
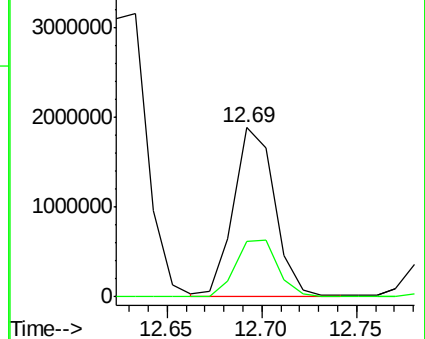
91 100

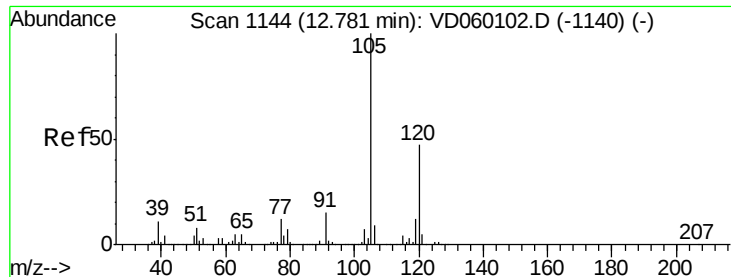
126 33.1 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V





#80

1,3,5-Trimethylbenzene

Concen: 70.186 ug/l

RT: 12.78 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

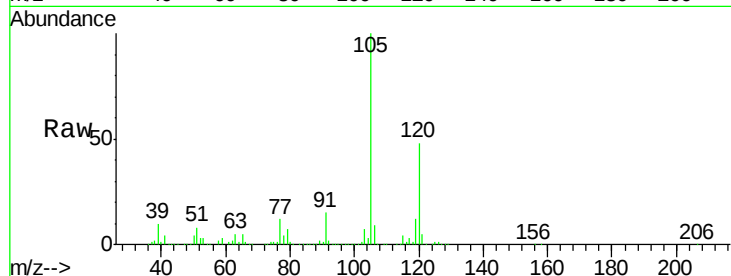
VSTDIC075

Tgt Ion:105 Resp: 3131457

Ion Ratio Lower Upper

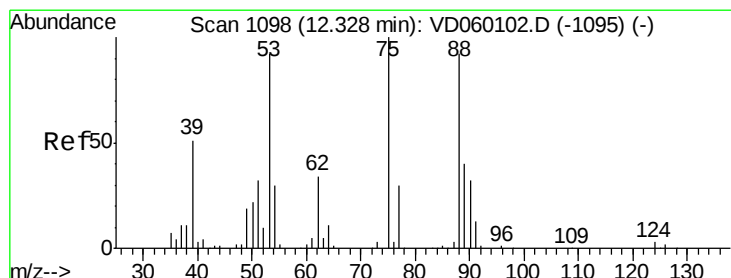
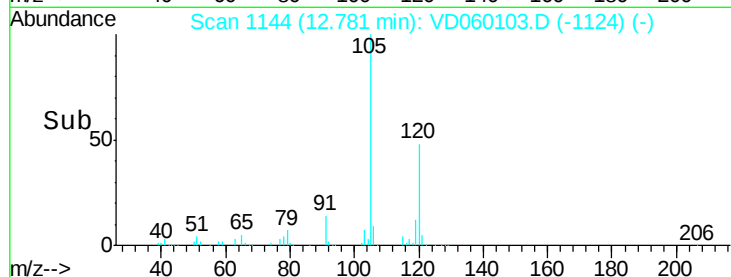
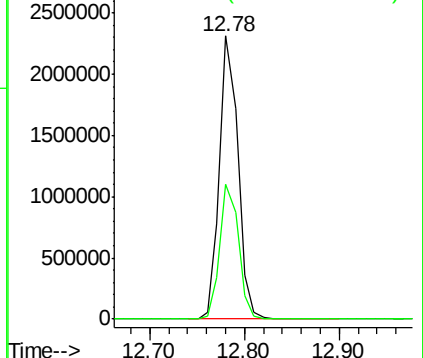
105 100

120 47.5 23.7 71.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#81

trans-1,4-Dichloro-2-butene

Concen: 69.291 ug/l

RT: 12.33 min Scan# 1098

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

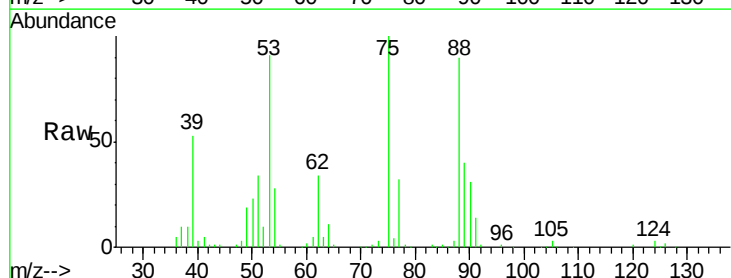
Tgt Ion: 75 Resp: 281259

Ion Ratio Lower Upper

75 100

53 90.7 73.0 109.6

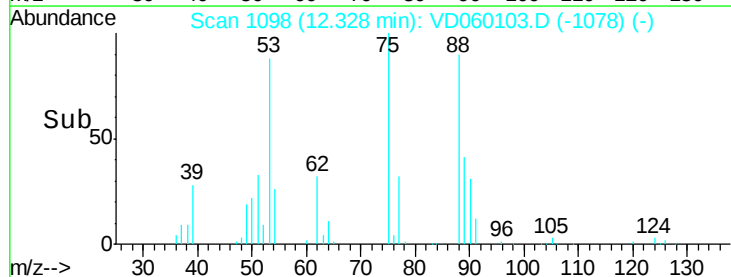
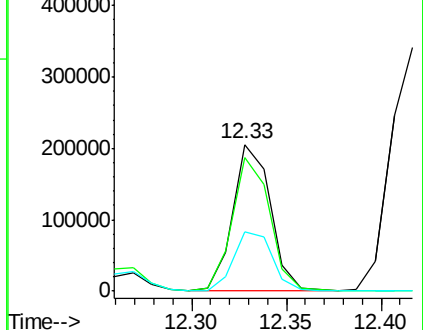
89 40.3 32.0 48.0

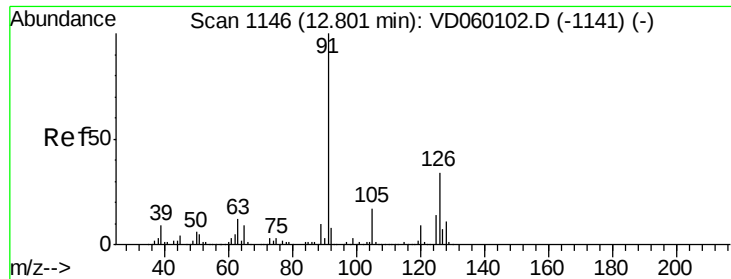


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

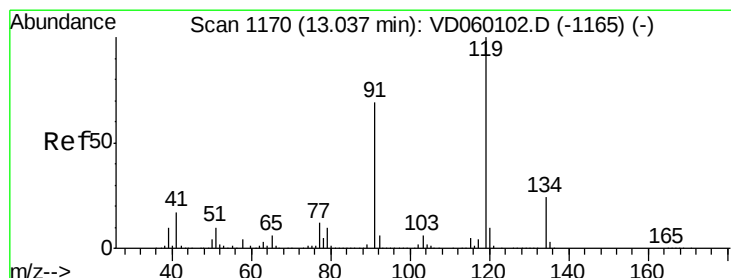
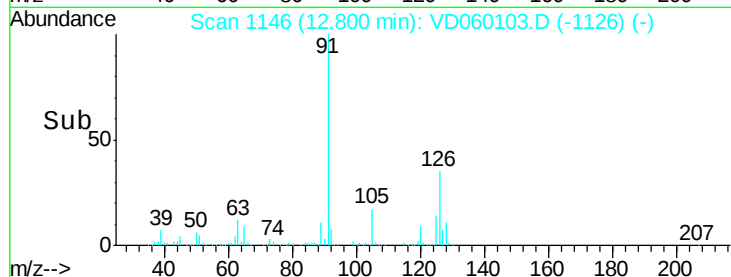
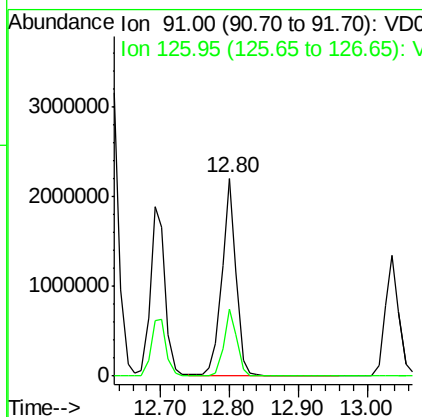
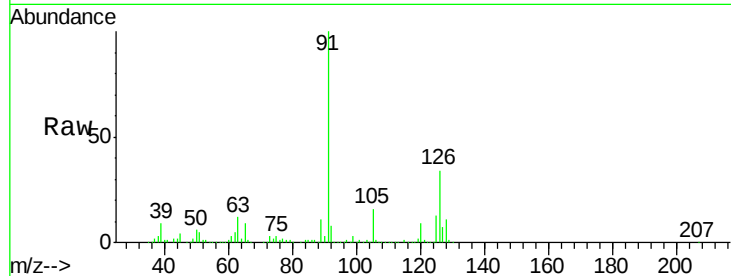




#82  
4-Chlorotoluene  
Concen: 68.881 ug/l  
RT: 12.80 min Scan# 1146  
Delta R.T. -0.00 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

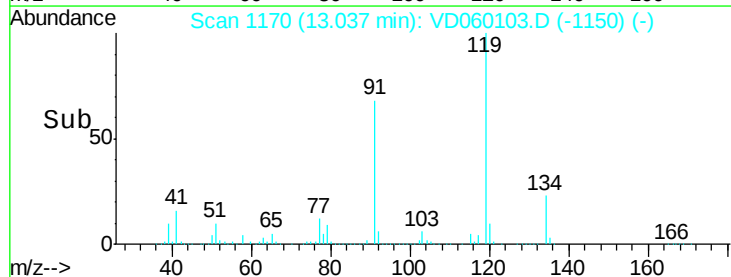
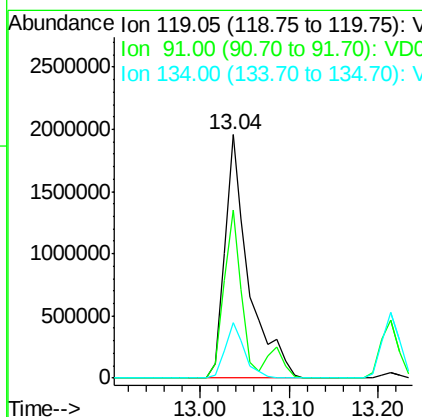
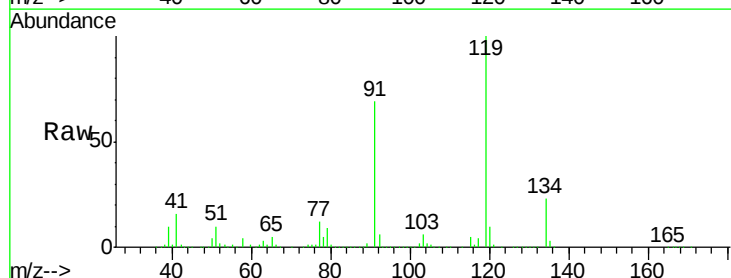
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

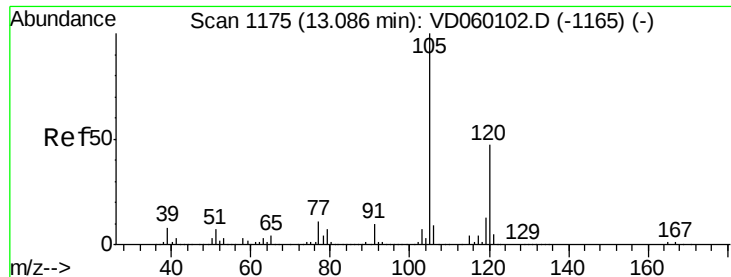
Tgt Ion: 91 Resp: 3115494  
Ion Ratio Lower Upper  
91 100  
126 34.2 17.1 51.2



#83  
tert-Butylbenzene  
Concen: 71.265 ug/l  
RT: 13.04 min Scan# 1170  
Delta R.T. -0.00 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Tgt Ion: 119 Resp: 3691459  
Ion Ratio Lower Upper  
119 100  
91 68.8 34.8 104.4  
134 22.7 11.8 35.4

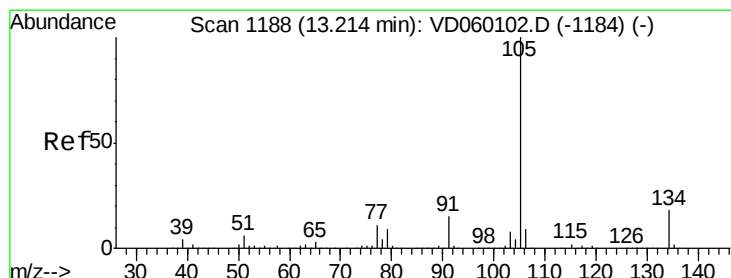
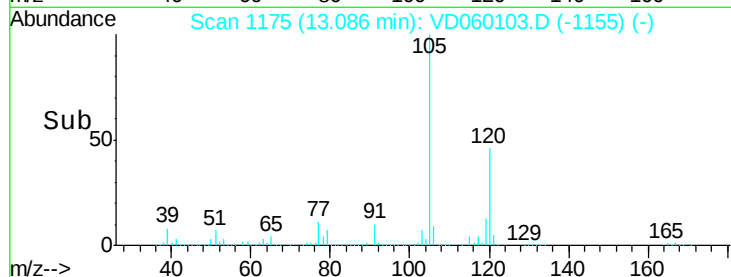
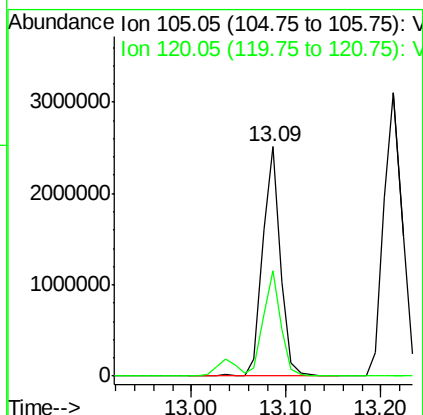
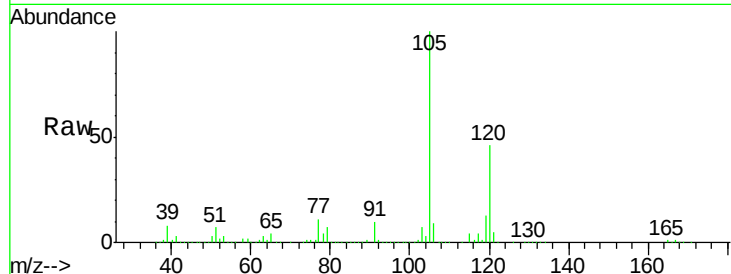




#84  
 1,2,4-Trimethylbenzene  
 Concen: 69.031 ug/l  
 RT: 13.09 min Scan# 1175  
 Delta R.T. -0.00 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

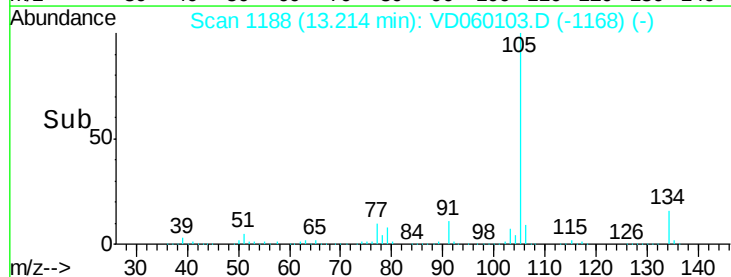
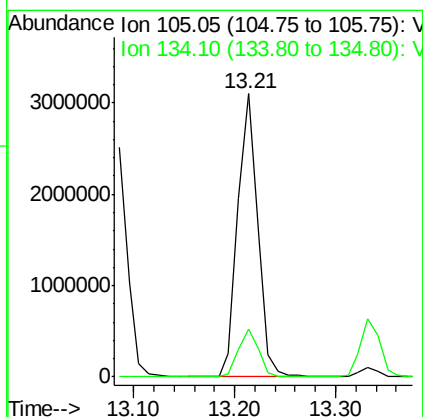
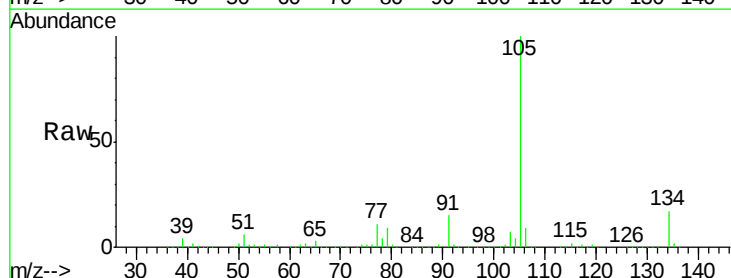
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

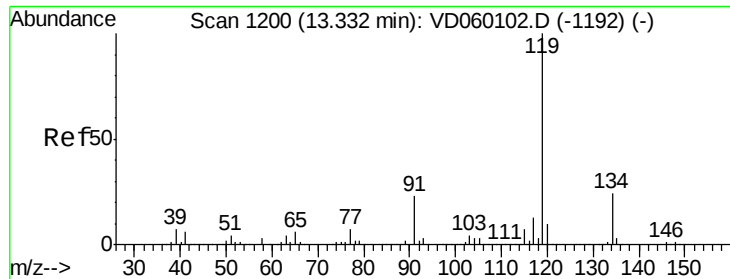
Tgt Ion:105 Resp: 3296855  
 Ion Ratio Lower Upper  
 105 100  
 120 46.3 23.4 70.0



#85  
 sec-Butylbenzene  
 Concen: 69.219 ug/l  
 RT: 13.21 min Scan# 1188  
 Delta R.T. -0.00 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

Tgt Ion:105 Resp: 4231018  
 Ion Ratio Lower Upper  
 105 100  
 134 17.1 8.8 26.2

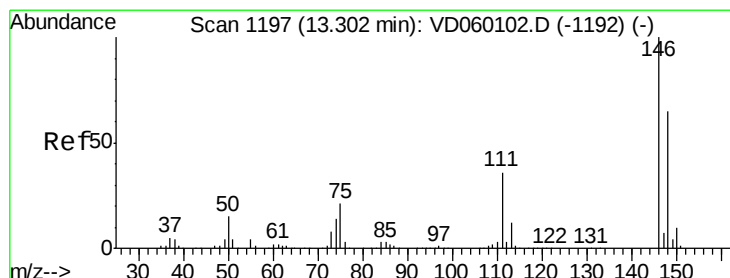
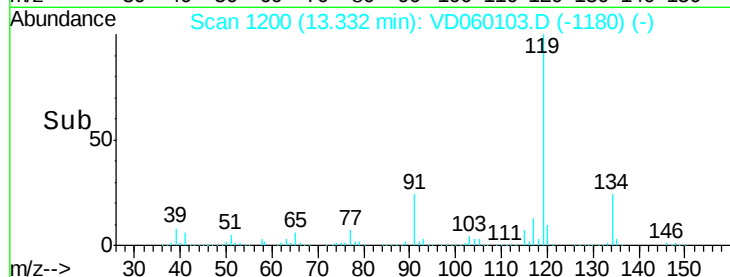
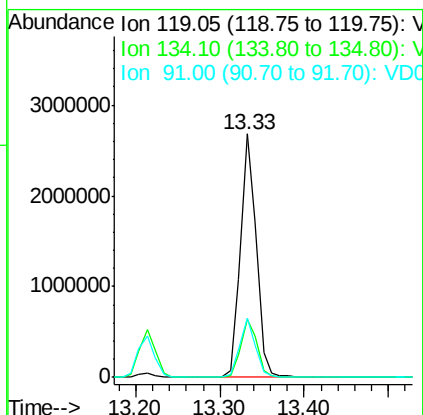
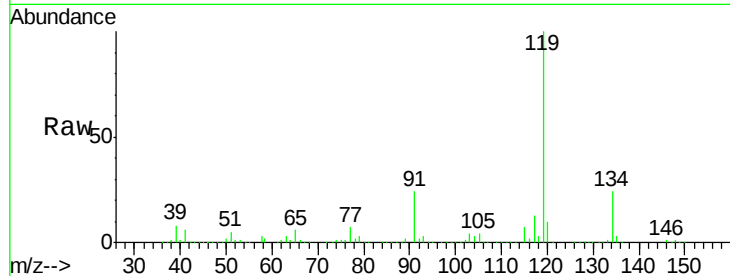




#86  
p-Isopropyltoluene  
Concen: 70.768 ug/l  
RT: 13.33 min Scan# 1200  
Delta R.T. -0.00 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

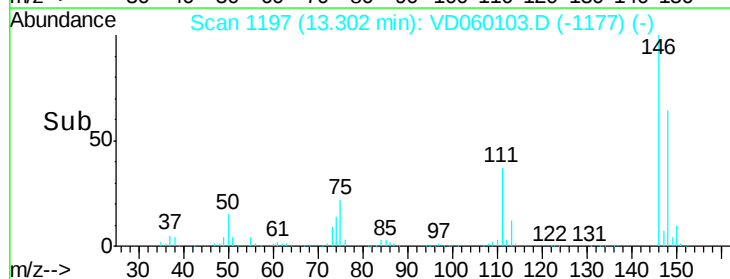
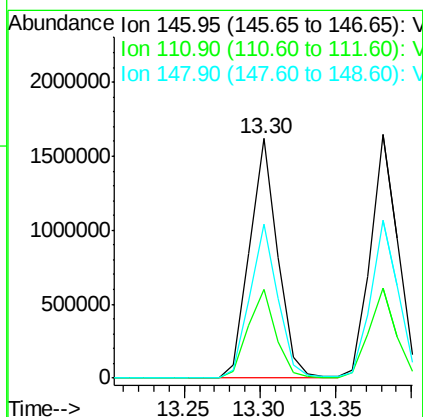
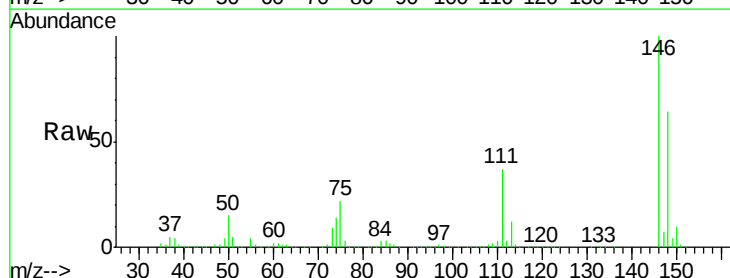
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

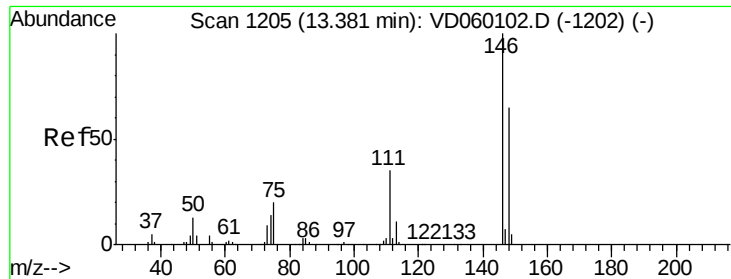
Tgt Ion:119 Resp: 3500963  
Ion Ratio Lower Upper  
119 100  
134 23.8 12.3 36.8  
91 24.2 11.8 35.4



#87  
1,3-Dichlorobenzene  
Concen: 71.653 ug/l  
RT: 13.30 min Scan# 1197  
Delta R.T. -0.00 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Tgt Ion:146 Resp: 2098500  
Ion Ratio Lower Upper  
146 100  
111 37.2 18.1 54.3  
148 64.5 32.3 96.9

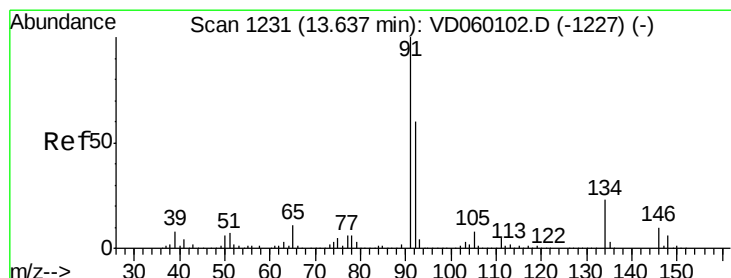
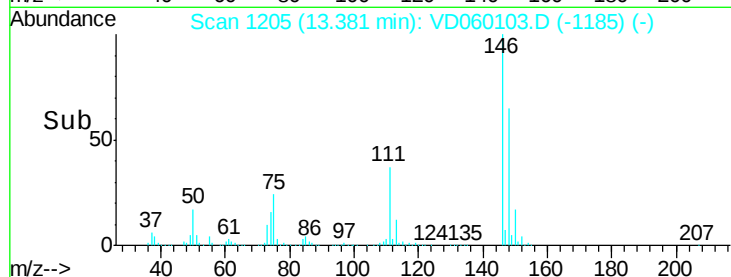
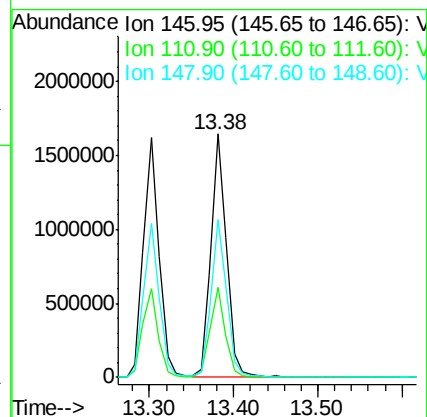
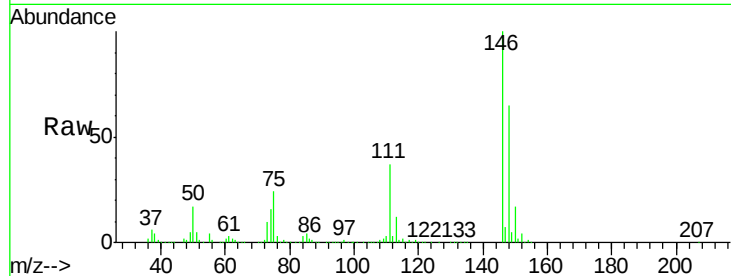




#88  
 1,4-Dichlorobenzene  
 Concen: 71.021 ug/l  
 RT: 13.38 min Scan# 1205  
 Delta R.T. -0.00 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

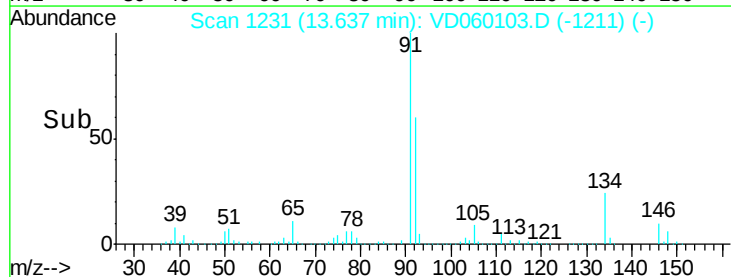
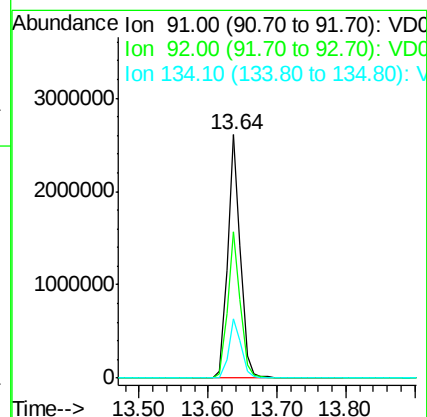
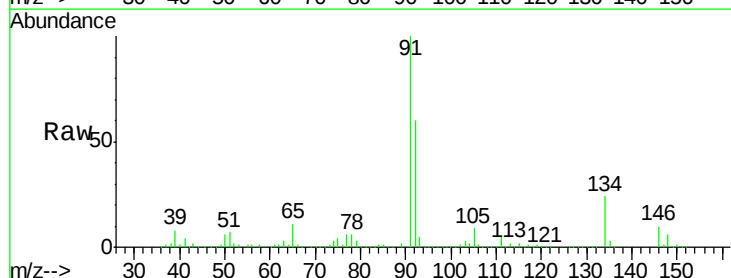
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

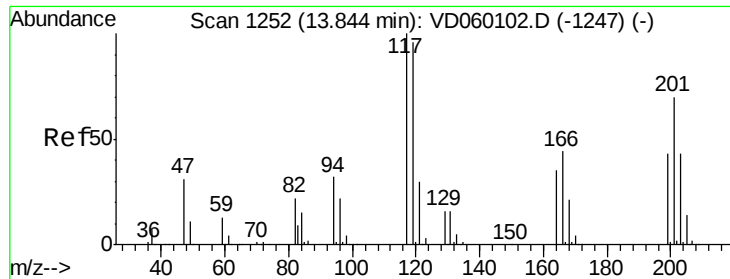
Tgt Ion:146 Resp: 2108103  
 Ion Ratio Lower Upper  
 146 100  
 111 36.7 17.8 53.3  
 148 64.6 32.4 97.2



#89  
 n-Butylbenzene  
 Concen: 68.883 ug/l  
 RT: 13.64 min Scan# 1231  
 Delta R.T. -0.00 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

Tgt Ion: 91 Resp: 3319534  
 Ion Ratio Lower Upper  
 91 100  
 92 60.3 30.1 90.3  
 134 24.2 11.6 34.7

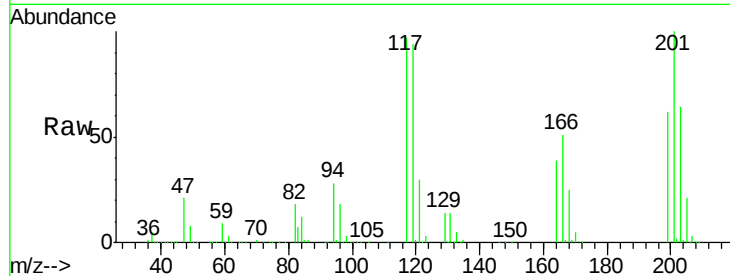




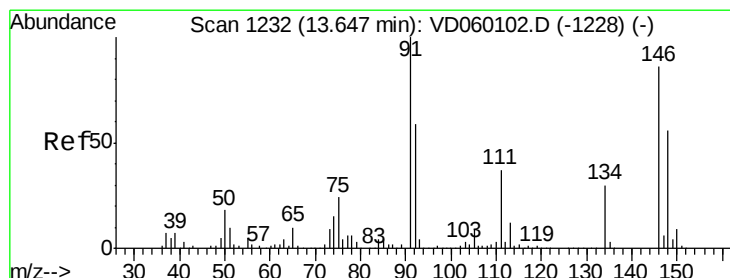
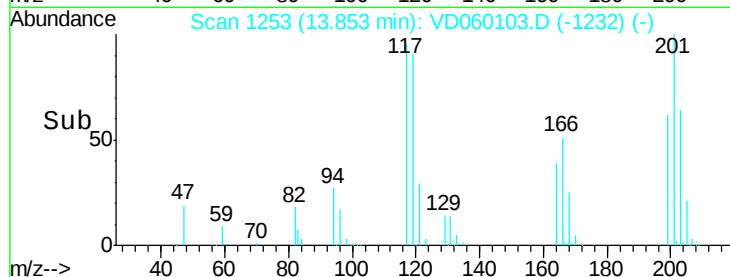
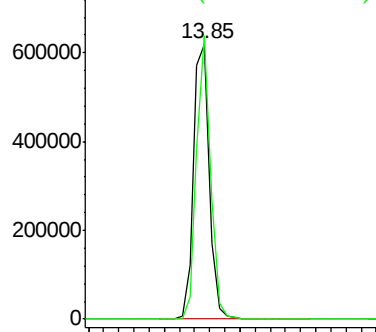
#90  
Hexachloroethane  
Concen: 74.337 ug/l  
RT: 13.85 min Scan# 1253  
Delta R.T. 0.01 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tgt Ion:117 Resp: 909397  
Ion Ratio Lower Upper  
117 100  
201 103.0 34.8 104.5

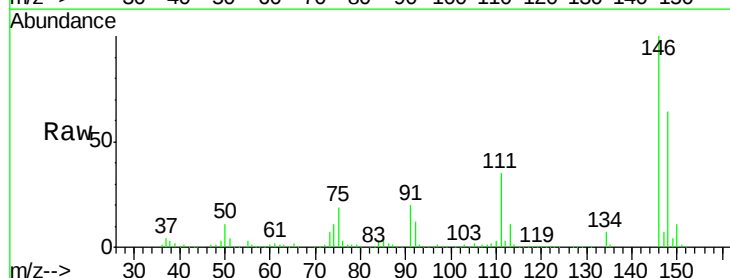


Abundance Ion 116.85 (116.55 to 117.55): V  
Ion 200.75 (200.45 to 201.45): V

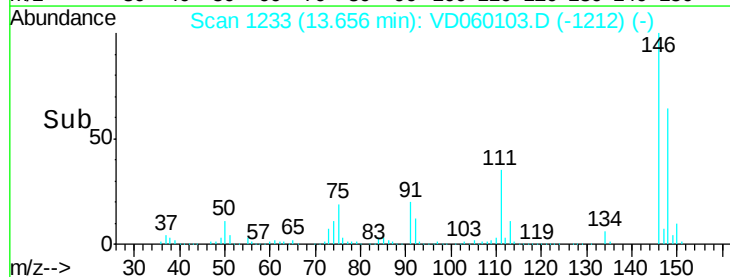
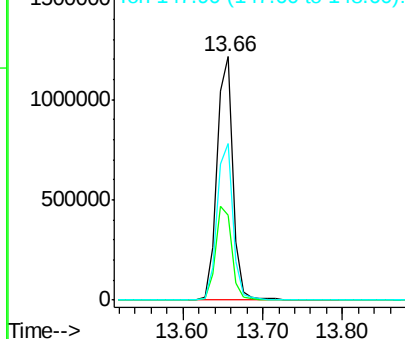


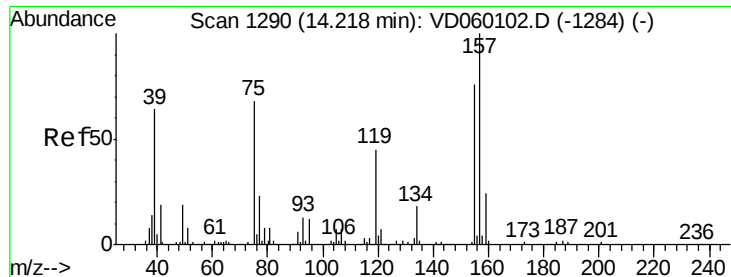
#91  
1,2-Dichlorobenzene  
Concen: 70.770 ug/l  
RT: 13.66 min Scan# 1233  
Delta R.T. 0.01 min  
Lab File: VD060103.D  
Acq: 1 Oct 2018 18:18

Tgt Ion:146 Resp: 1710613  
Ion Ratio Lower Upper  
146 100  
111 34.7 21.4 64.3  
148 64.4 32.2 96.6



Abundance Ion 145.95 (145.65 to 146.65): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V

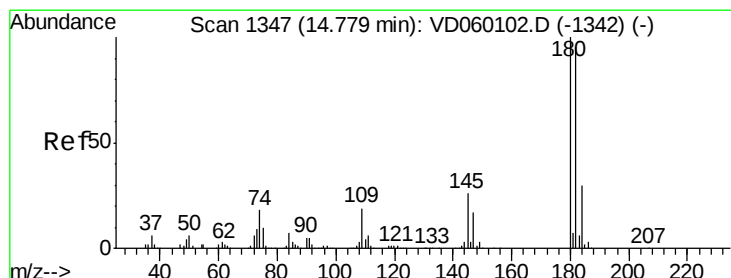
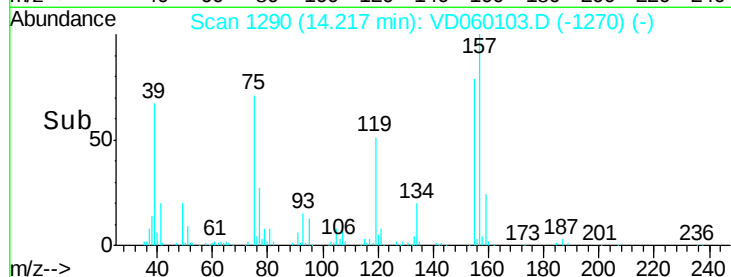
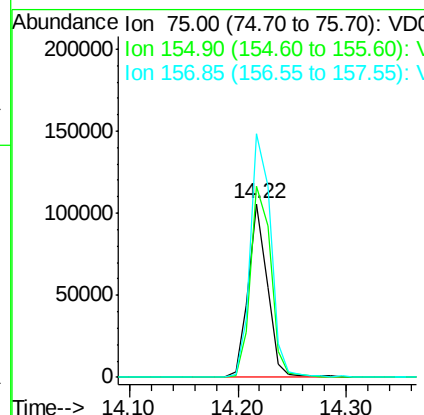
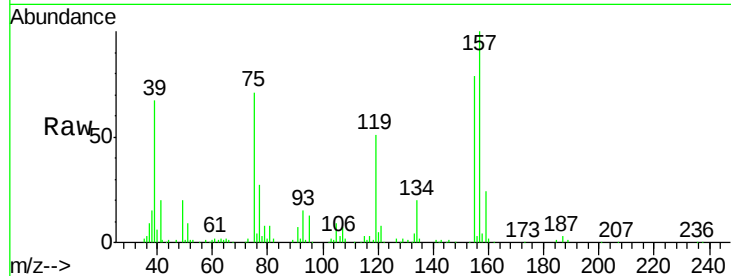




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 64.888 ug/l  
 RT: 14.22 min Scan# 1290  
 Delta R.T. -0.00 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

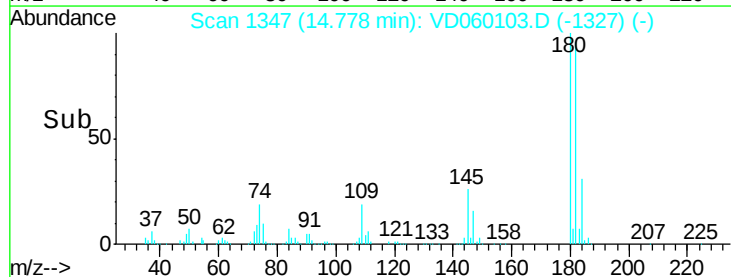
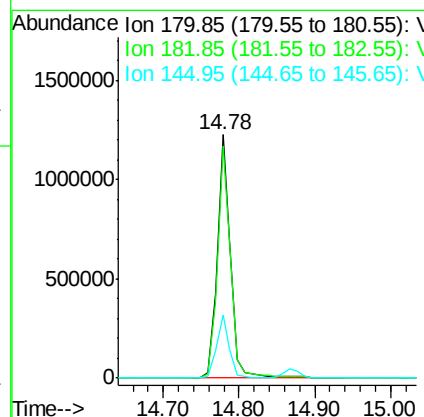
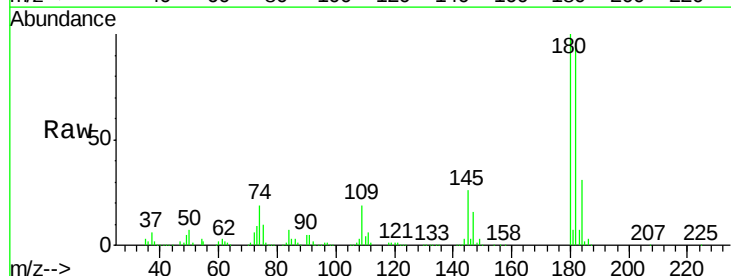
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

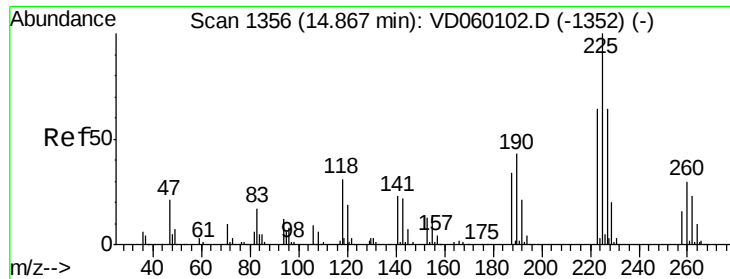
Tgt Ion: 75 Resp: 130841  
 Ion Ratio Lower Upper  
 75 100  
 155 110.1 55.9 167.7  
 157 140.1 73.3 219.8



#93  
 1,2,4-Trichlorobenzene  
 Concen: 73.274 ug/l  
 RT: 14.78 min Scan# 1347  
 Delta R.T. -0.00 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

Tgt Ion: 180 Resp: 1529398  
 Ion Ratio Lower Upper  
 180 100  
 182 95.5 47.3 141.8  
 145 25.8 13.0 38.9





#94

Hexachlorobutadiene

Concen: 73.929 ug/l

RT: 14.87 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

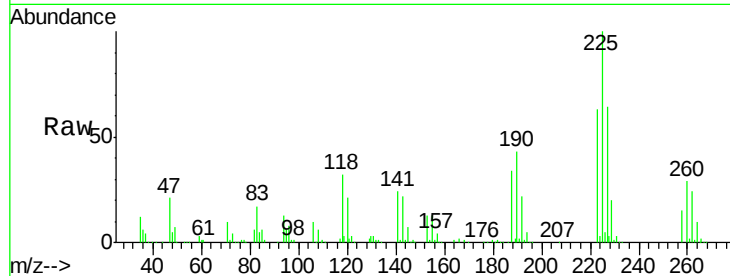
Tgt Ion:225 Resp: 1022348

Ion Ratio Lower Upper

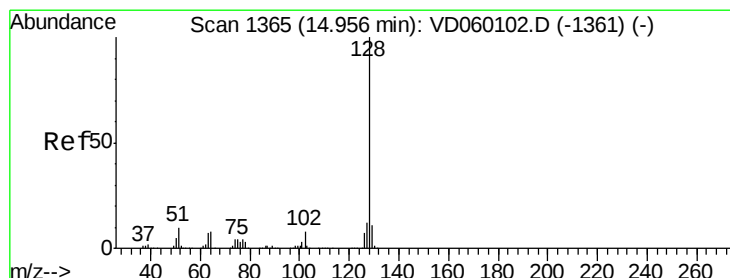
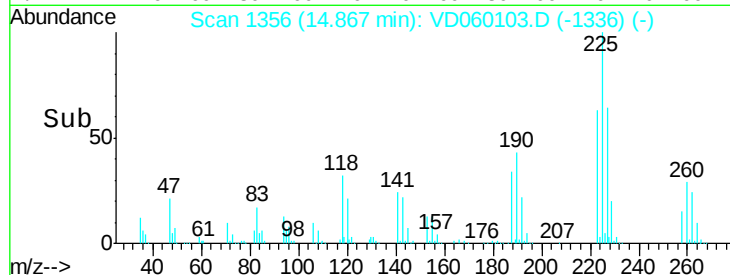
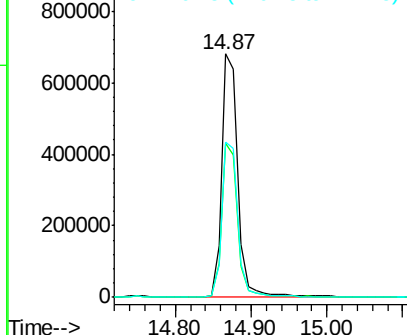
225 100

223 63.3 31.8 95.4

227 63.7 32.0 96.0



Abundance Ion 224.75 (224.45 to 225.45): V  
Ion 222.75 (222.45 to 223.45): V  
Ion 226.75 (226.45 to 227.45): V



#95

Naphthalene

Concen: 72.428 ug/l

RT: 14.96 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VD060103.D

Acq: 1 Oct 2018 18:18

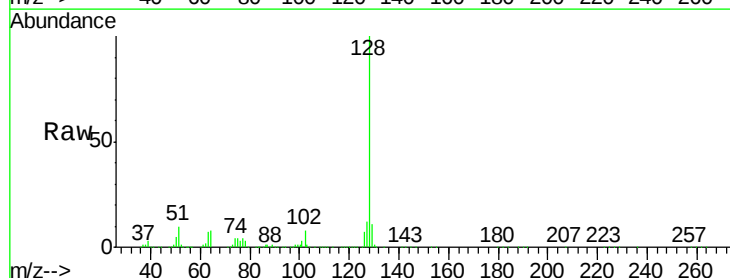
Tgt Ion:128 Resp: 2331237

Ion Ratio Lower Upper

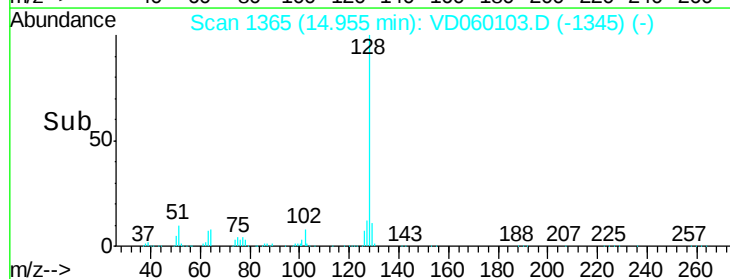
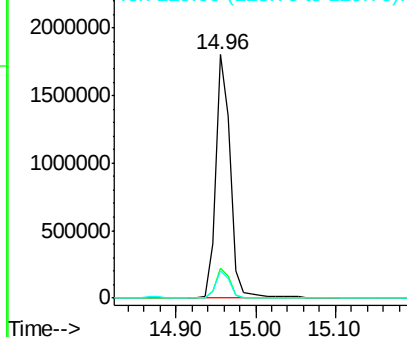
128 100

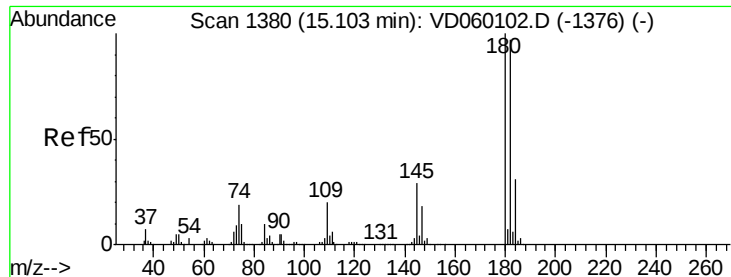
127 12.5 9.9 14.9

129 11.1 8.8 13.2



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

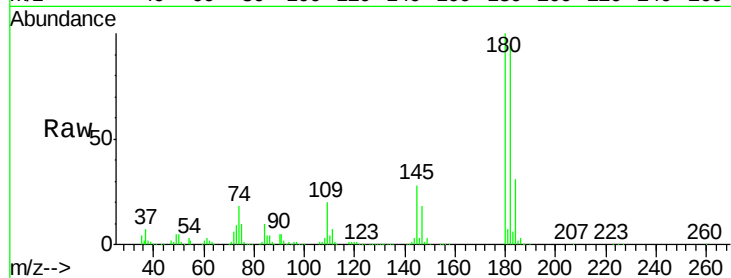




#96  
 1,2,3-Trichlorobenzene  
 Concen: 74.082 ug/l  
 RT: 15.10 min Scan# 1380  
 Delta R.T. -0.00 min  
 Lab File: VD060103.D  
 Acq: 1 Oct 2018 18:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Tgt Ion:180 Resp: 1354246  
 Ion Ratio Lower Upper  
 180 100  
 182 94.6 48.4 145.0  
 145 28.0 14.5 43.6



Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

