

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD110918\  
 Data File : VD060311.D  
 Acq On : 9 Nov 2018 14:34  
 Operator : VA/AP  
 Sample : VD1109SBS01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1109SBS01

Quant Time: Nov 12 01:34:37 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110618S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 06 13:56:04 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 6.40  | 168  | 1487144  | 50.00 | ug/l  | -0.03    |
| 34) 1,4-Difluorobenzene    | 7.43  | 114  | 2017241  | 50.00 | ug/l  | -0.03    |
| 63) Chlorobenzene-d5       | 11.28 | 117  | 1623729  | 50.00 | ug/l  | -0.02    |
| 72) 1,4-Dichlorobenzene-d4 | 13.37 | 152  | 850890   | 50.00 | ug/l  | -0.01    |

|                             |        |     |          |       |        |       |
|-----------------------------|--------|-----|----------|-------|--------|-------|
| System Monitoring Compounds |        |     |          |       |        |       |
| 33) 1,2-Dichloroethane-d4   | 6.78   | 65  | 522007   | 49.02 | ug/l   | -0.02 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.04% |       |
| 35) Dibromofluoromethane    | 6.31   | 113 | 735804   | 48.92 | ug/l   | -0.03 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.84% |       |
| 50) Toluene-d8              | 9.45   | 98  | 2109236  | 47.91 | ug/l   | -0.02 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.82% |       |
| 62) 4-Bromofluorobenzene    | 12.42  | 95  | 764621   | 47.93 | ug/l   | -0.02 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.86% |       |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.58 | 85  | 307382  | 23.966  | ug/l | 98     |
| 3) Chloromethane              | 1.75 | 50  | 298587  | 21.196  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.84 | 62  | 237995  | 20.688  | ug/l | 99     |
| 5) Bromomethane               | 2.13 | 94  | 42017   | 15.394  | ug/l | 97     |
| 6) Chloroethane               | 2.24 | 64  | 70472   | 18.462  | ug/l | 90     |
| 7) Trichlorofluoromethane     | 2.50 | 101 | 284840  | 21.001  | ug/l | 97     |
| 8) Diethyl Ether              | 2.81 | 74  | 53110   | 21.628  | ug/l | 89     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.08 | 101 | 188757  | 21.159  | ug/l | 95     |
| 10) Methyl Iodide             | 3.24 | 142 | 236113  | 20.378  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.96 | 59  | 49978   | 114.300 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 3.06 | 96  | 150813  | 20.784  | ug/l | 98     |
| 13) Acrolein                  | 2.97 | 56  | 47724   | 92.370  | ug/l | 100    |
| 14) Allyl chloride            | 3.52 | 41  | 289049  | 20.819  | ug/l | 97     |
| 15) Acrylonitrile             | 4.07 | 53  | 289617  | 113.583 | ug/l | 99     |
| 16) Acetone                   | 3.15 | 43  | 187700  | 101.622 | ug/l | 94     |
| 17) Carbon Disulfide          | 3.30 | 76  | 473815  | 20.230  | ug/l | 99     |
| 18) Methyl Acetate            | 3.54 | 43  | 79505   | 20.188  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 4.11 | 73  | 494202  | 22.745  | ug/l | 99     |
| 20) Methylene Chloride        | 3.71 | 84  | 385492  | 23.528  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene  | 4.08 | 96  | 351412  | 21.811  | ug/l | 99     |
| 22) Diisopropyl ether         | 4.84 | 45  | 1197364 | 23.083  | ug/l | 98     |
| 23) Vinyl Acetate             | 4.79 | 43  | 3045477 | 117.994 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 4.74 | 63  | 587367  | 22.082  | ug/l | 100    |
| 25) 2-Butanone                | 5.61 | 43  | 452136  | 117.769 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 5.57 | 77  | 469590  | 22.707  | ug/l | 95     |
| 27) cis-1,2-Dichloroethene    | 5.58 | 96  | 371836  | 22.153  | ug/l | 92     |
| 28) Bromochloromethane        | 5.91 | 49  | 252568  | 21.520  | ug/l | 89     |
| 29) Tetrahydrofuran           | 5.94 | 42  | 237491  | 117.330 | ug/l | 99     |
| 30) Chloroform                | 6.09 | 83  | 582462  | 21.904  | ug/l | 100    |
| 31) Cyclohexane               | 6.36 | 56  | 544145  | 21.403  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 6.28 | 97  | 485134  | 21.658  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 6.51 | 75  | 457701  | 22.966  | ug/l | 99     |
| 37) Ethyl Acetate             | 5.69 | 43  | 214328  | 23.371  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 6.48 | 117 | 408581  | 22.101  | ug/l | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD110918\  
 Data File : VD060311.D  
 Acq On : 9 Nov 2018 14:34  
 Operator : VA/AP  
 Sample : VD1109SBS01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD1109SBS01

Quant Time: Nov 12 01:34:37 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110618S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 06 13:56:04 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.03  | 83   | 518253   | 22.609  | ug/l   | 99       |
| 40) Benzene                    | 6.78  | 78   | 1176023  | 23.117  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.94  | 41   | 253271   | 24.129  | ug/l # | 88       |
| 42) 1,2-Dichloroethane         | 6.89  | 62   | 311156   | 23.368  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.34  | 43   | 266034   | 23.094  | ug/l # | 98       |
| 44) Trichloroethene            | 7.73  | 130  | 351359   | 22.784  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 8.09  | 63   | 290976   | 22.679  | ug/l   | 98       |
| 46) Dibromomethane             | 8.21  | 93   | 170820   | 22.732  | ug/l   | 98       |
| 47) Bromodichloromethane       | 8.48  | 83   | 406793   | 22.973  | ug/l   | 95       |
| 48) Methyl methacrylate        | 8.24  | 41   | 163594   | 23.380  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 8.22  | 88   | 28210    | 465.955 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 9.34  | 43   | 889498   | 118.637 | ug/l   | 100      |
| 52) Toluene                    | 9.54  | 92   | 743096   | 22.867  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.91  | 75   | 345105   | 23.066  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.09  | 75   | 441888   | 23.028  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.17 | 97   | 213122   | 22.628  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 10.03 | 69   | 206136   | 23.803  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.37 | 76   | 318748   | 22.210  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 8.91  | 63   | 601926   | 114.954 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.48 | 43   | 656137   | 122.783 | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.64 | 129  | 270180   | 23.598  | ug/l   | 95       |
| 61) 1,2-Dibromoethane          | 10.75 | 107  | 213955   | 22.672  | ug/l   | 94       |
| 64) Tetrachloroethene          | 10.24 | 164  | 326475   | 22.522  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.31 | 112  | 795992   | 22.625  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.41 | 131  | 266159   | 23.122  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.42 | 91   | 1382980  | 22.979  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.56 | 106  | 1023239  | 46.091  | ug/l   | 96       |
| 69) o-Xylene                   | 11.93 | 106  | 489996   | 22.846  | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 797657   | 23.013  | ug/l   | 99       |
| 71) Bromoform                  | 12.11 | 173  | 172346   | 22.281  | ug/l   | 99       |
| 73) Isopropylbenzene           | 12.27 | 105  | 1337350  | 21.572  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.13 | 43   | 352661   | 22.189  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.56 | 83   | 223802   | 22.074  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.60 | 75   | 224655   | 22.071  | ug/l   | 99       |
| 77) Bromobenzene               | 12.54 | 156  | 364326   | 22.124  | ug/l   | 97       |
| 78) n-propylbenzene            | 12.63 | 91   | 1693846  | 21.890  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.70 | 91   | 931652   | 21.983  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.79 | 105  | 1053679  | 21.870  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.34 | 75   | 63076    | 21.767  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.80 | 91   | 1061644  | 22.300  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.05 | 119  | 1181372  | 22.086  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.09 | 105  | 1053779  | 21.901  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.22 | 105  | 1412410  | 21.523  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.34 | 119  | 1175157  | 22.237  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.30 | 146  | 685377   | 23.394  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.39 | 146  | 643819   | 22.501  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.65 | 91   | 1212752  | 20.972  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.85 | 117  | 272152   | 21.718  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.66 | 146  | 567433   | 23.580  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.22 | 75   | 27313    | 22.317  | ug/l   | 52       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_D\DATA\VD110918\  
Data File : VD060311.D  
Acq On : 9 Nov 2018 14:34  
Operator : VA/AP  
Sample : VD1109SBSD01  
Misc : 5.00g/5ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

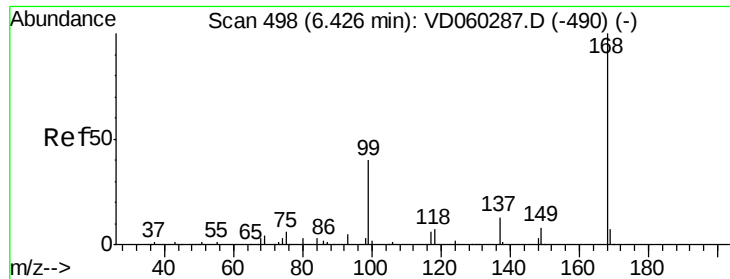
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBSD01

Quant Time: Nov 12 01:34:37 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D110618S.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 06 13:56:04 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.79 | 180  | 437202   | 22.915 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.88 | 225  | 319900   | 22.416 | ug/l  | 98       |
| 95) Naphthalene            | 14.97 | 128  | 537792   | 23.084 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.11 | 180  | 356925   | 23.345 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. -0.03 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

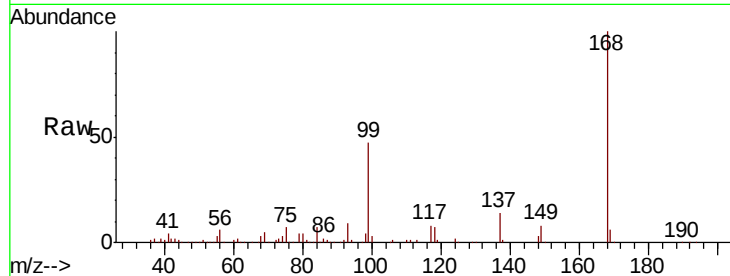
VD1109SBSD01

Tgt Ion:168 Resp: 1487144

Ion Ratio Lower Upper

168 100

99 47.0 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

6.40

500000

400000

300000

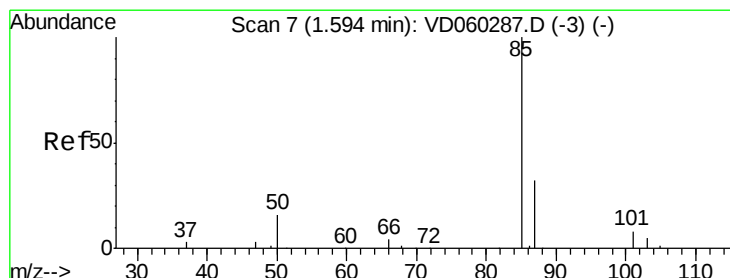
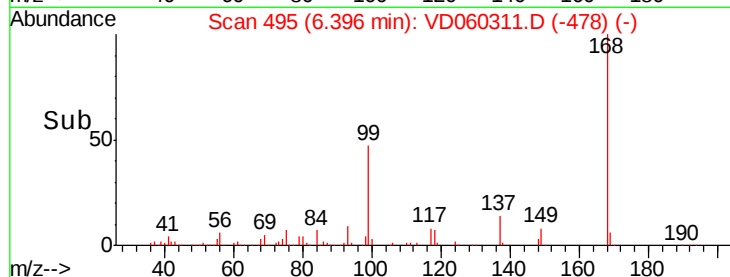
200000

100000

0

6.20 6.30 6.40 6.50 6.60

Time-->



#2

Dichlorodifluoromethane

Concen: 23.966 ug/l

RT: 1.58 min Scan# 6

Delta R.T. -0.01 min

Lab File: VD060311.D

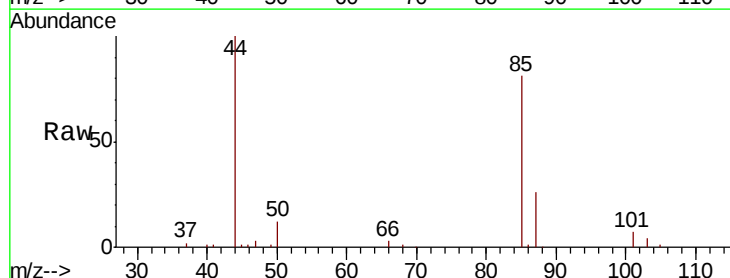
Acq: 9 Nov 2018 14:34

Tgt Ion: 85 Resp: 307382

Ion Ratio Lower Upper

85 100

87 32.6 16.8 50.4



Abundance Ion 84.95 (84.65 to 85.65): V

Ion 86.90 (86.60 to 87.60): V

1.58

150000

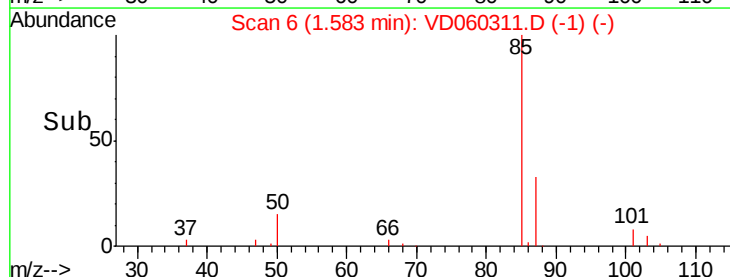
100000

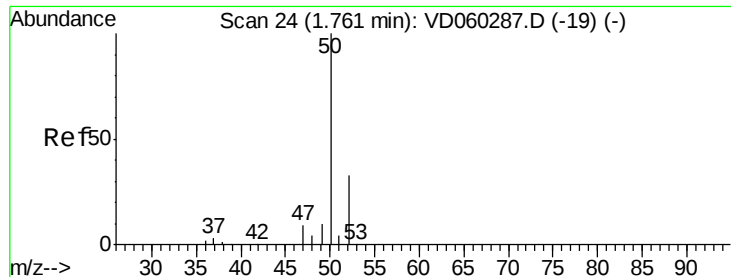
50000

0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 21.196 ug/l

RT: 1.75 min Scan# 23

Delta R.T. -0.01 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

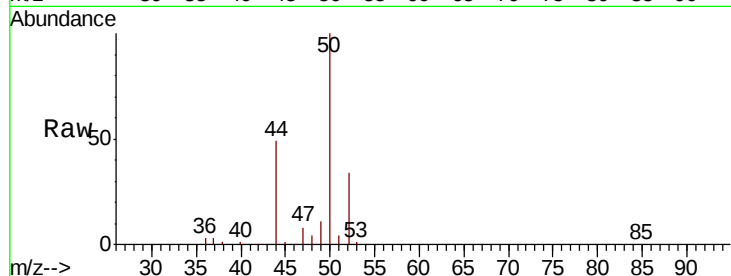
VD1109SBSD01

Tgt Ion: 50 Resp: 298587

Ion Ratio Lower Upper

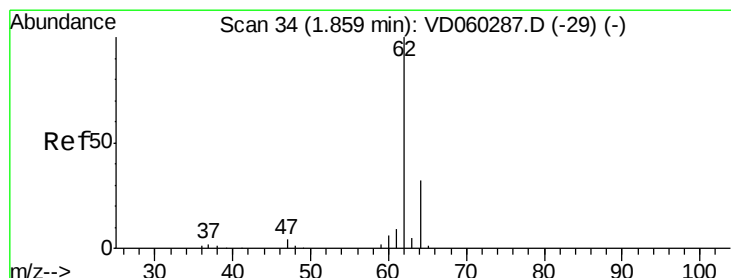
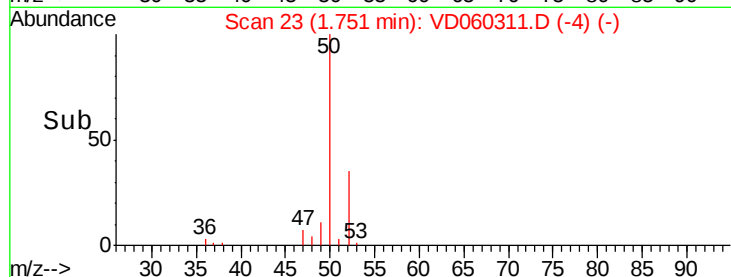
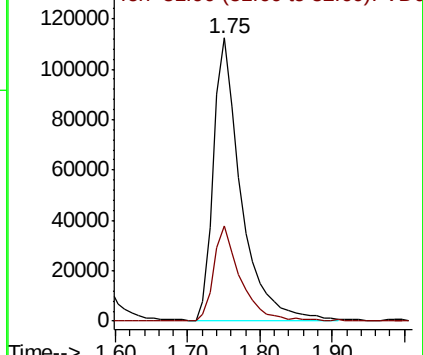
50 100

52 33.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.688 ug/l

RT: 1.84 min Scan# 32

Delta R.T. -0.02 min

Lab File: VD060311.D

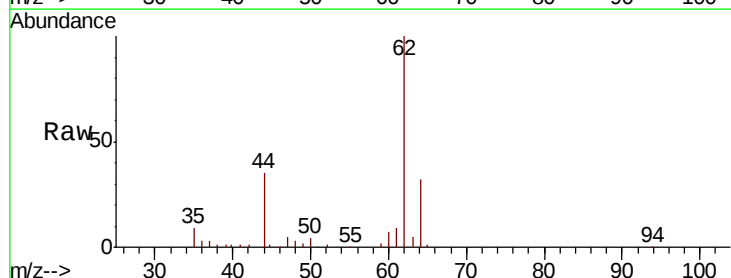
Acq: 9 Nov 2018 14:34

Tgt Ion: 62 Resp: 237995

Ion Ratio Lower Upper

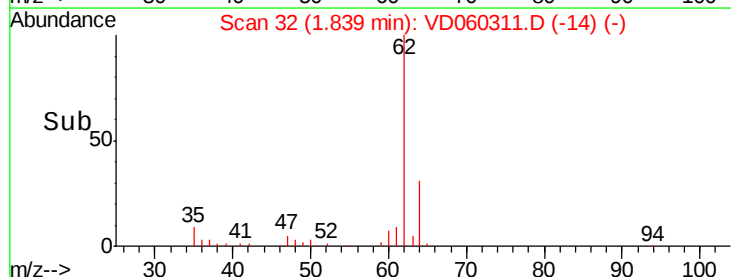
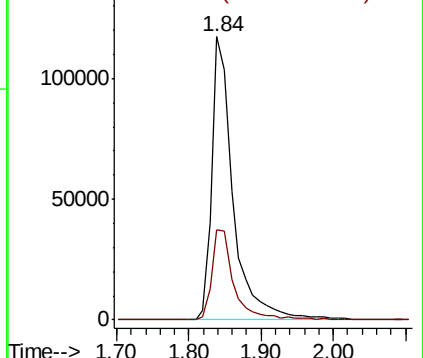
62 100

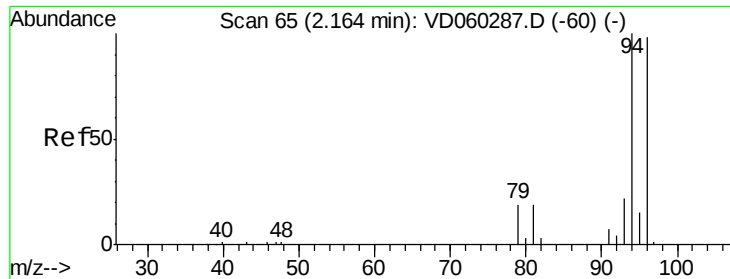
64 31.8 24.9 37.3



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

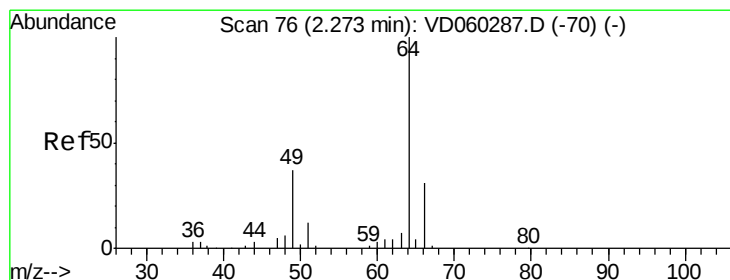
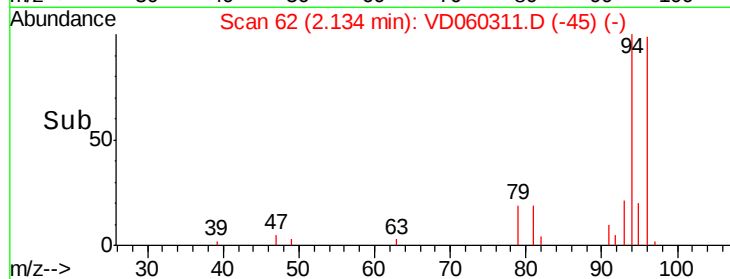
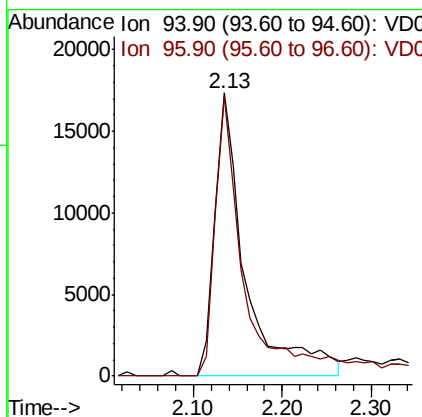
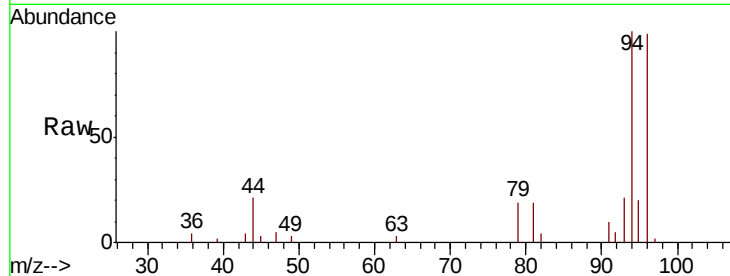




#5  
 Bromomethane  
 Concen: 15.394 ug/l  
 RT: 2.13 min Scan# 62  
 Delta R.T. -0.03 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

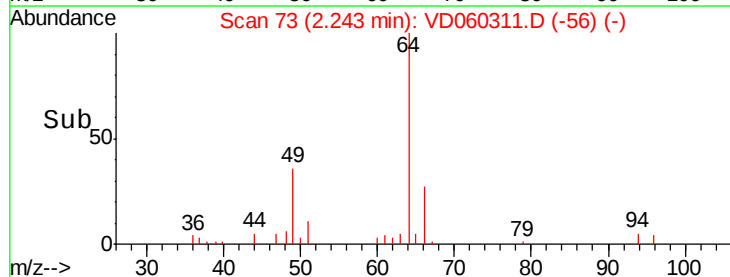
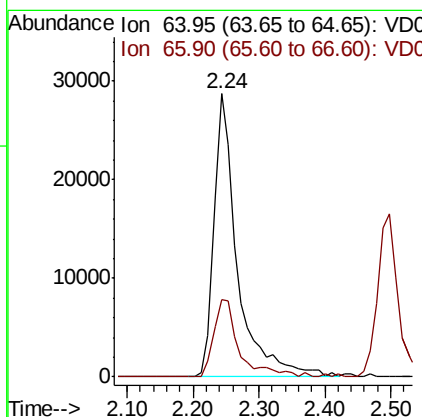
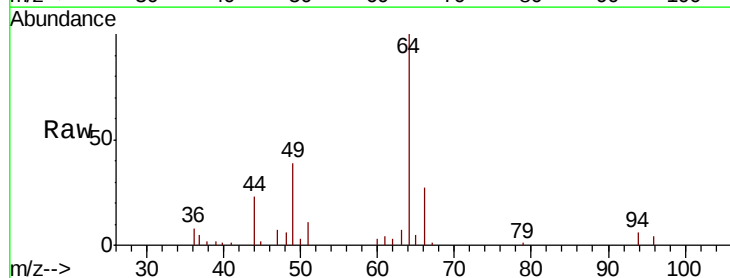
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1109SBSD01

Tgt Ion: 94 Resp: 42017  
 Ion Ratio Lower Upper  
 94 100  
 96 98.8 76.6 114.8



#6  
 Chloroethane  
 Concen: 18.462 ug/l  
 RT: 2.24 min Scan# 73  
 Delta R.T. -0.03 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Tgt Ion: 64 Resp: 70472  
 Ion Ratio Lower Upper  
 64 100  
 66 27.4 26.6 40.0





#7

Trichlorofluoromethane

Concen: 21.001 ug/l

RT: 2.50 min Scan# 99

Delta R.T. -0.02 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

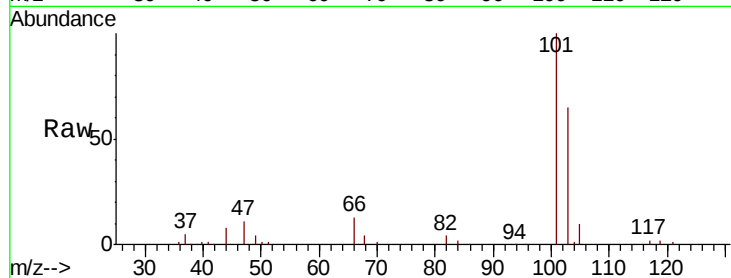
VD1109SBSD01

Tgt Ion:101 Resp: 284840

Ion Ratio Lower Upper

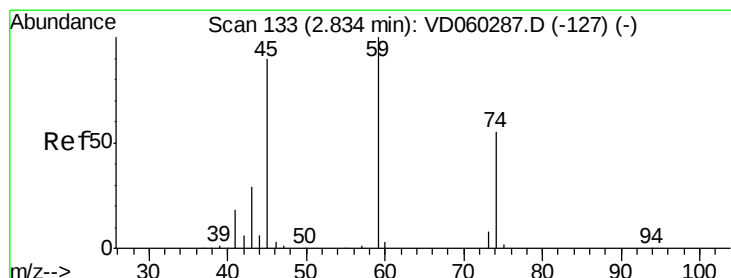
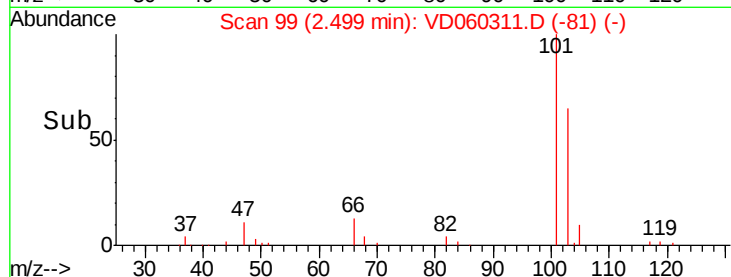
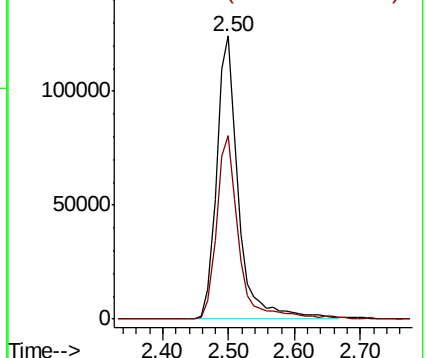
101 100

103 65.0 53.6 80.4



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V



#8

Diethyl Ether

Concen: 21.628 ug/l

RT: 2.81 min Scan# 131

Delta R.T. -0.02 min

Lab File: VD060311.D

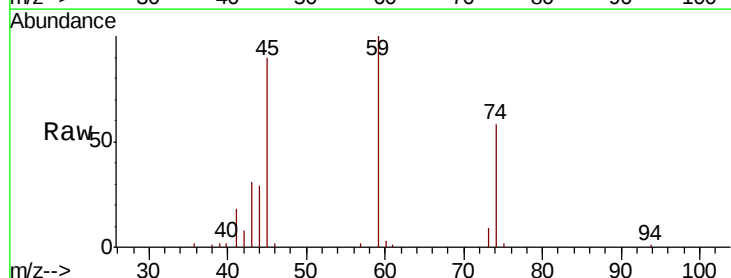
Acq: 9 Nov 2018 14:34

Tgt Ion: 74 Resp: 53110

Ion Ratio Lower Upper

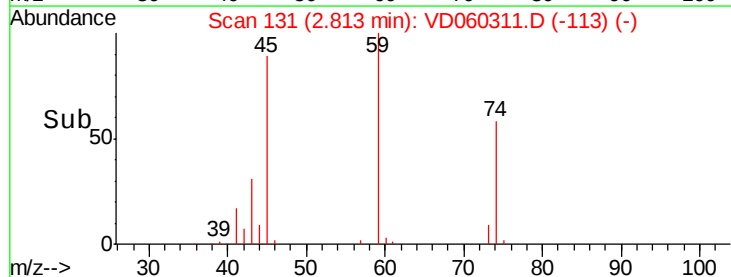
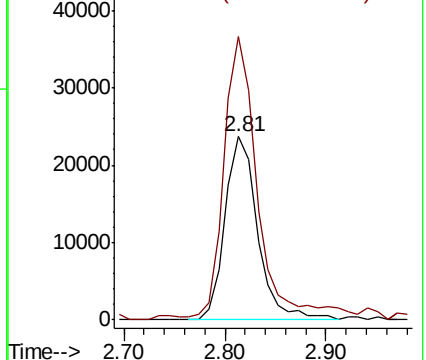
74 100

45 154.4 84.8 254.4



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.159 ug/l

RT: 3.08 min Scan# 158

Delta R.T. -0.02 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

VD1109SBSD01

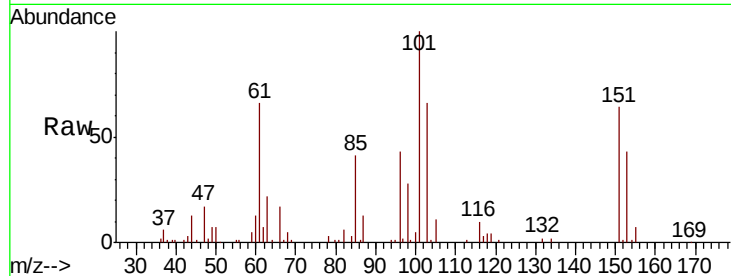
Tgt Ion:101 Resp: 188757

Ion Ratio Lower Upper

101 100

85 40.8 31.4 47.0

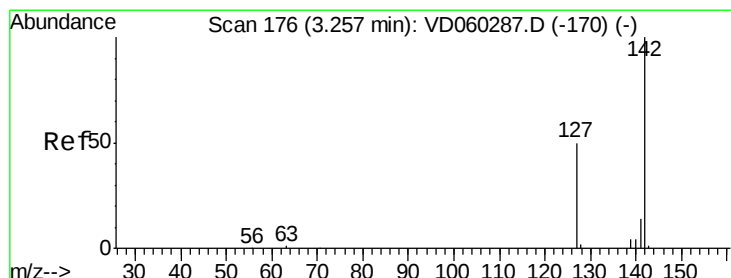
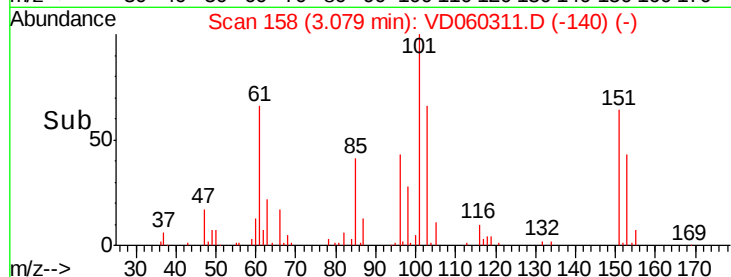
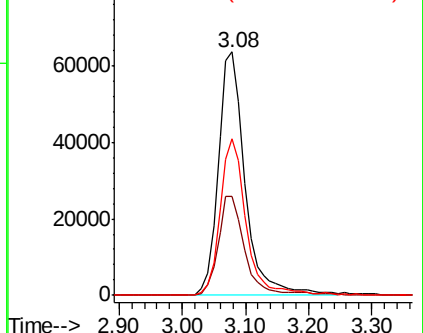
151 64.3 47.4 71.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 20.378 ug/l

RT: 3.24 min Scan# 174

Delta R.T. -0.02 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

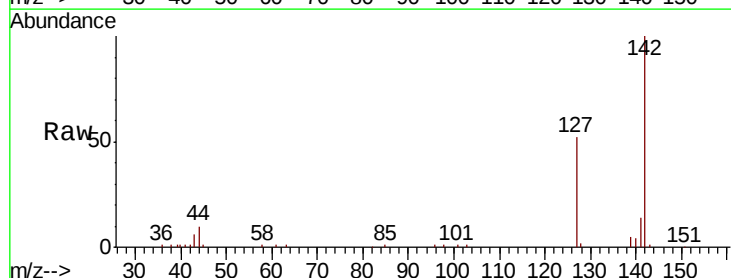
Tgt Ion:142 Resp: 236113

Ion Ratio Lower Upper

142 100

127 52.2 41.0 61.6

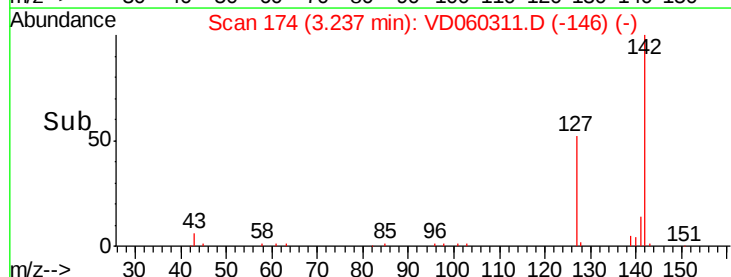
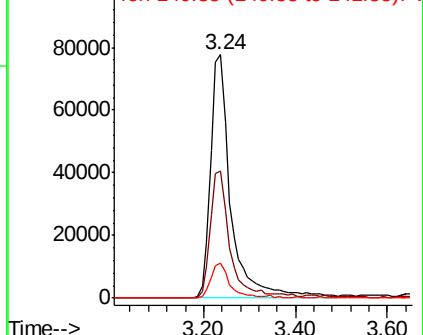
141 14.3 11.9 17.9

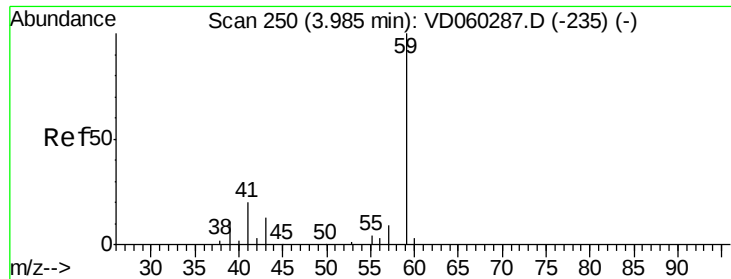


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



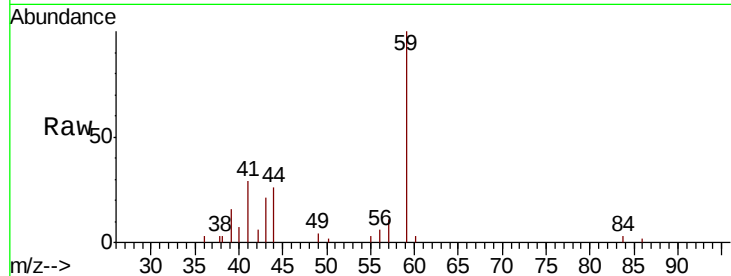


#11

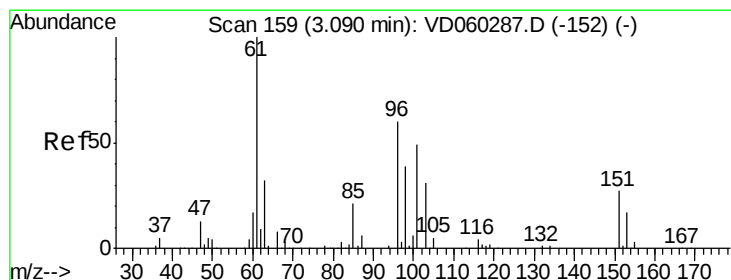
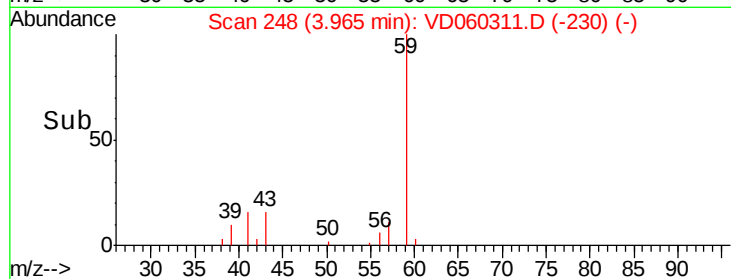
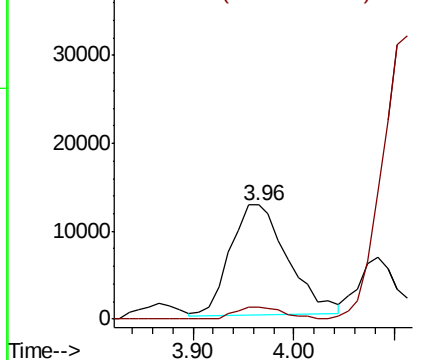
Tert butyl alcohol  
Concen: 114.300 ug/l  
RT: 3.96 min Scan# 248  
Delta R.T. -0.02 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBS01

Tgt Ion: 59 Resp: 49978  
Ion Ratio Lower Upper  
59 100  
57 10.7 9.3 13.9



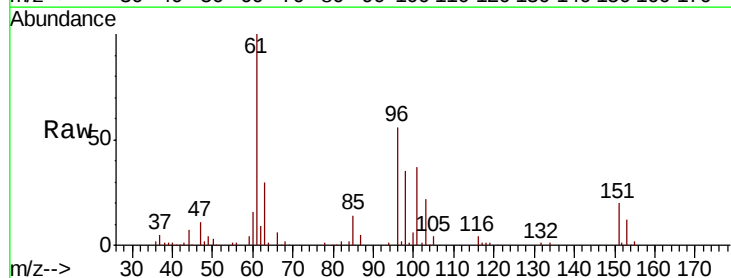
Abundance Ion 58.95 (58.65 to 59.65): VDC  
Ion 56.95 (56.65 to 57.65): VDC



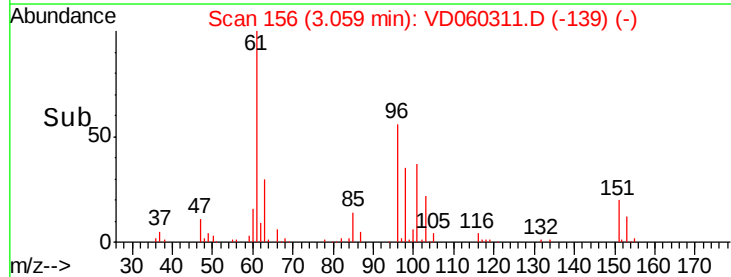
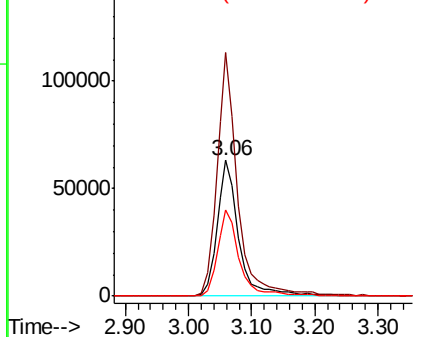
#12

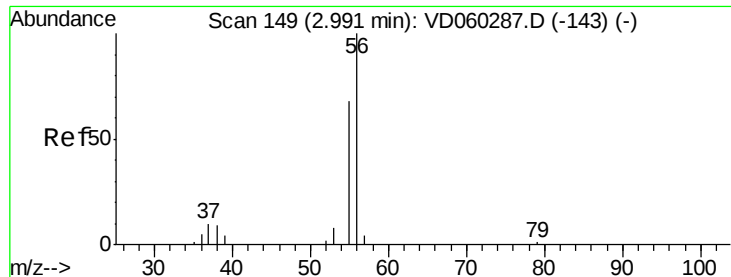
1,1-Dichloroethene  
Concen: 20.784 ug/l  
RT: 3.06 min Scan# 156  
Delta R.T. -0.03 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Tgt Ion: 96 Resp: 150813  
Ion Ratio Lower Upper  
96 100  
61 179.7 142.2 213.4  
98 63.5 52.6 79.0



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





#13

Acrolein

Concen: 92.370 ug/l

RT: 2.97 min Scan# 147

Delta R.T. -0.02 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

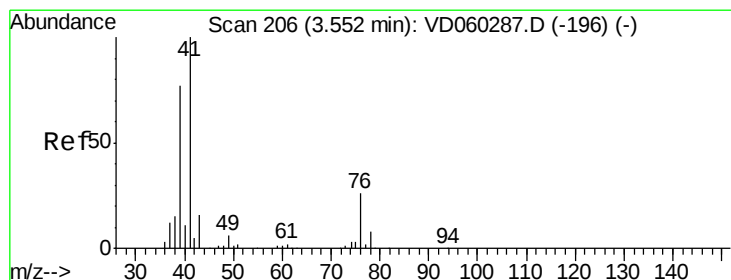
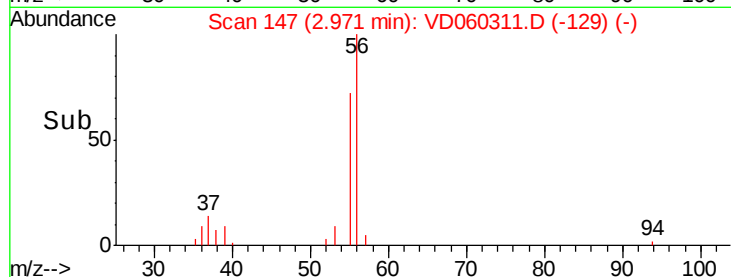
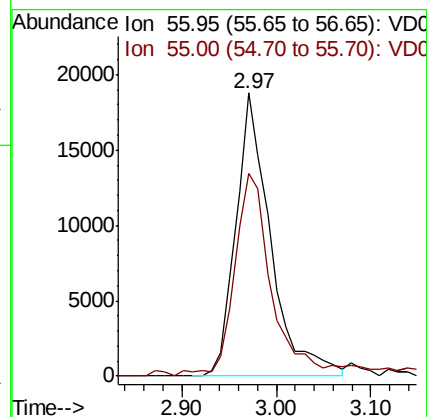
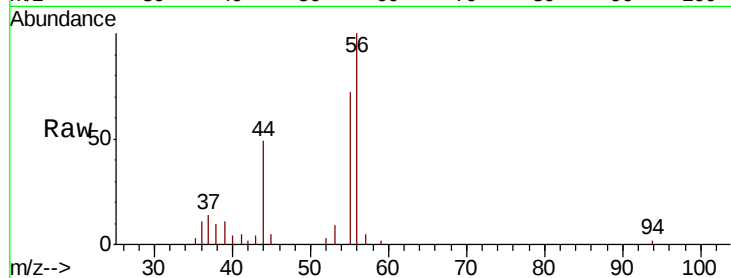
VD1109SBS01

Tgt Ion: 56 Resp: 47724

Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.6



#14

Allyl chloride

Concen: 20.819 ug/l

RT: 3.52 min Scan# 203

Delta R.T. -0.03 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

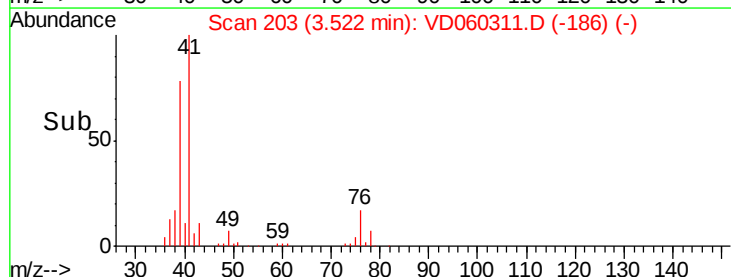
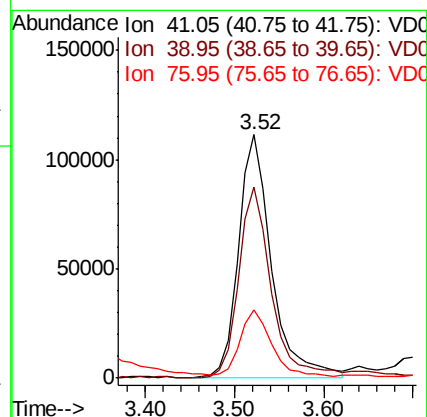
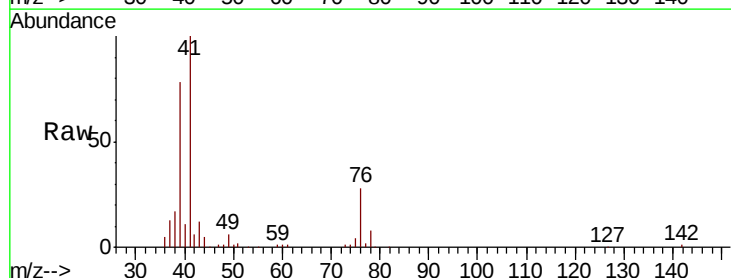
Tgt Ion: 41 Resp: 289049

Ion Ratio Lower Upper

41 100

39 78.4 60.4 90.6

76 28.0 21.8 32.8





#15

Acrylonitrile

Concen: 113.583 ug/l

RT: 4.07 min Scan# 259

Delta R.T. -0.02 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

VD1109SBSD01

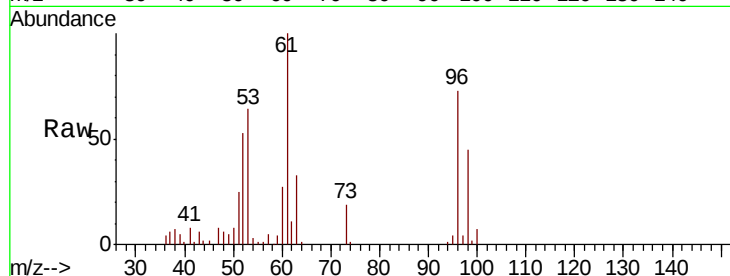
Tgt Ion: 53 Resp: 289617

Ion Ratio Lower Upper

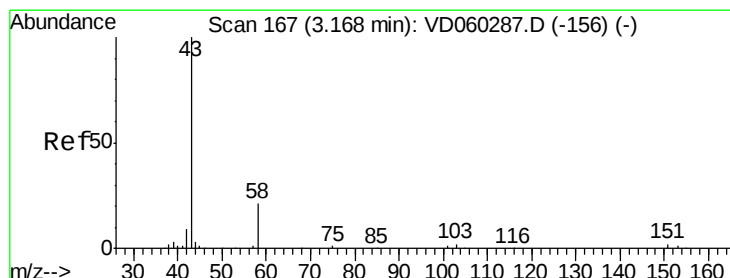
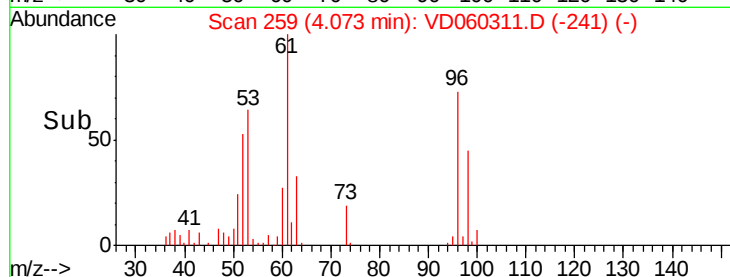
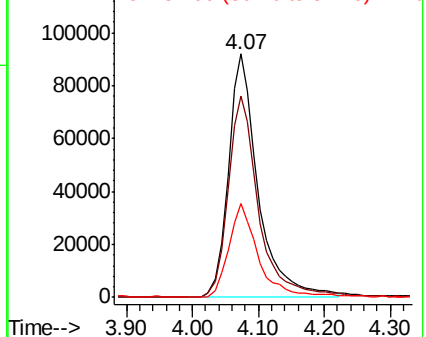
53 100

52 82.8 67.0 100.4

51 38.7 29.9 44.9



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: 101.622 ug/l

RT: 3.15 min Scan# 165

Delta R.T. -0.02 min

Lab File: VD060311.D

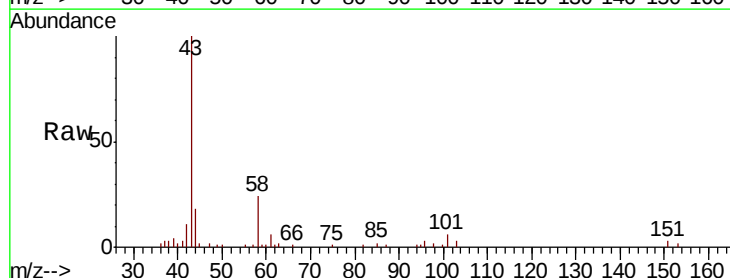
Acq: 9 Nov 2018 14:34

Tgt Ion: 43 Resp: 187700

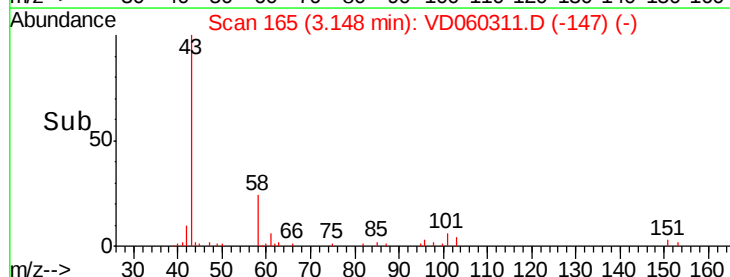
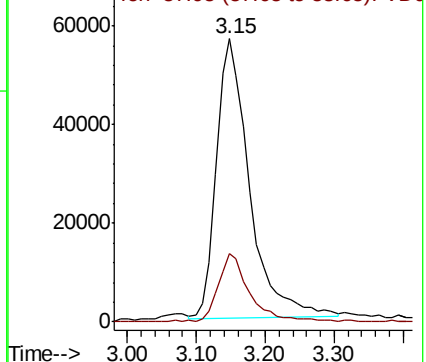
Ion Ratio Lower Upper

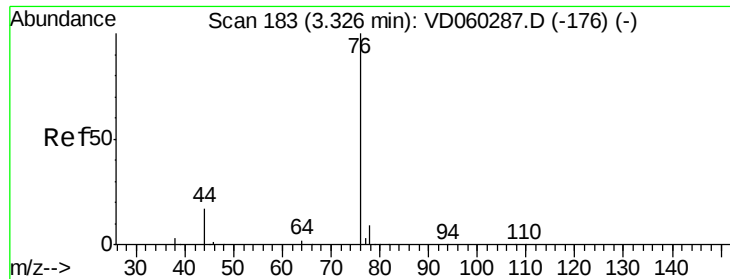
43 100

58 24.0 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

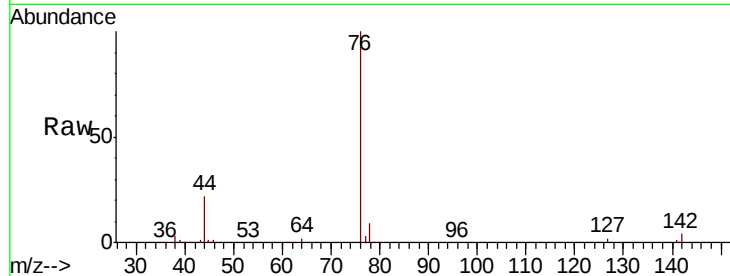




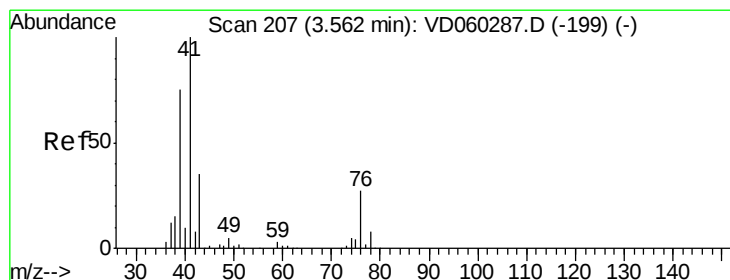
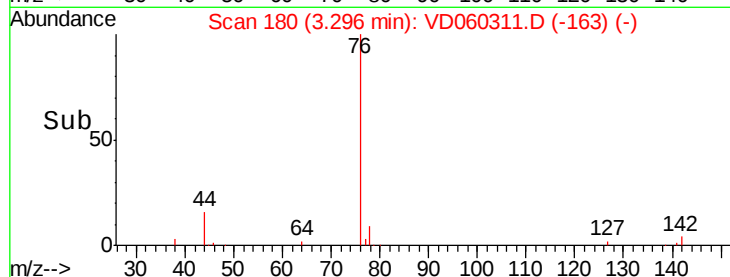
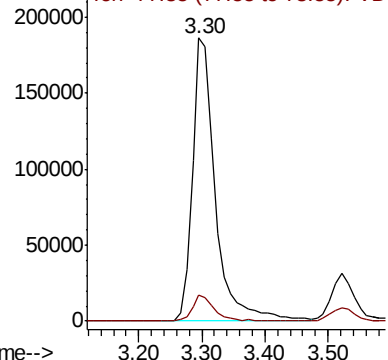
#17  
Carbon Disulfide  
Concen: 20.230 ug/l  
RT: 3.30 min Scan# 180  
Delta R.T. -0.03 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBSD01

Tgt Ion: 76 Resp: 473815  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.0 10.4

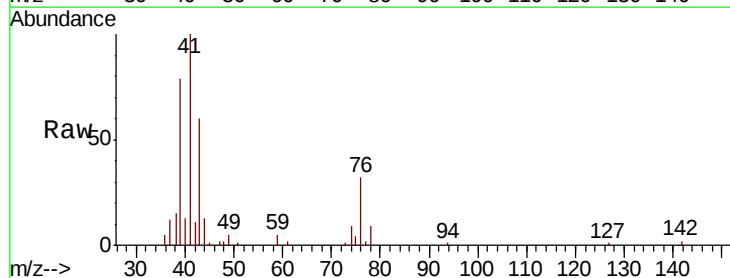


Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC

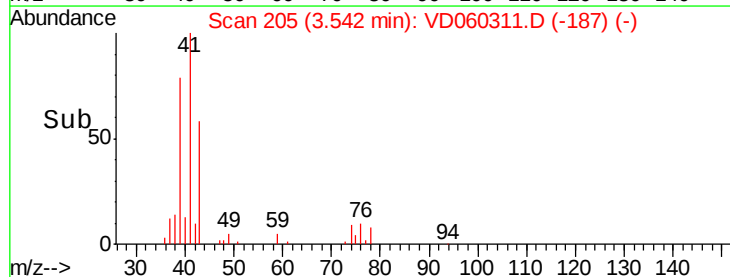
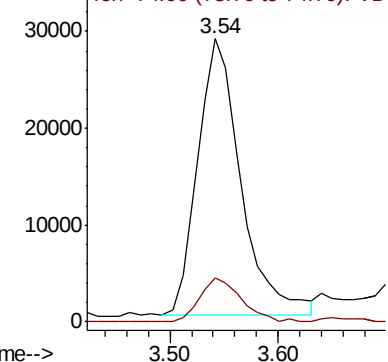


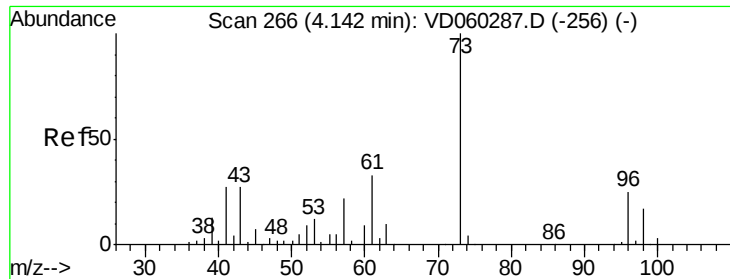
#18  
Methyl Acetate  
Concen: 20.188 ug/l  
RT: 3.54 min Scan# 205  
Delta R.T. -0.02 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Tgt Ion: 43 Resp: 79505  
Ion Ratio Lower Upper  
43 100  
74 15.5 12.4 18.6



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 74.00 (73.70 to 74.70): VDC

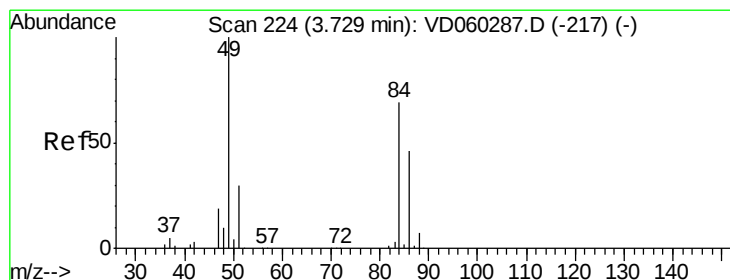
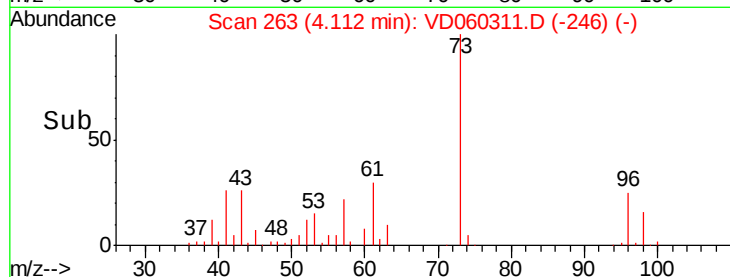
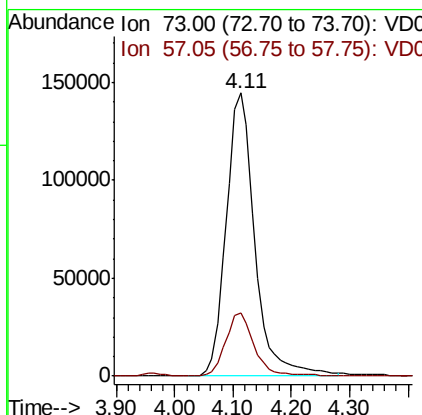
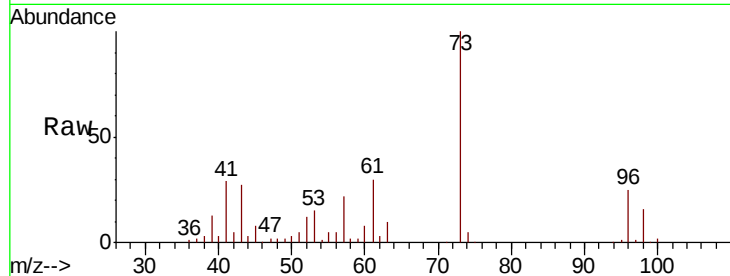




#19  
Methyl tert-butyl Ether  
Concen: 22.745 ug/l  
RT: 4.11 min Scan# 263  
Delta R.T. -0.03 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

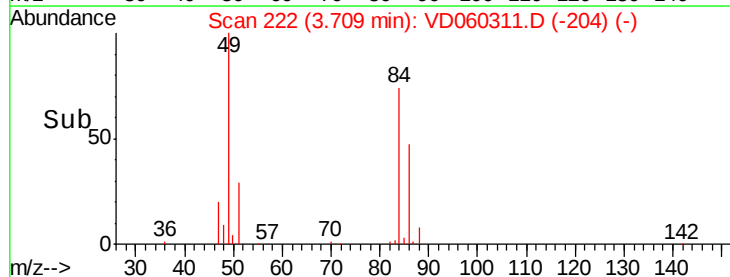
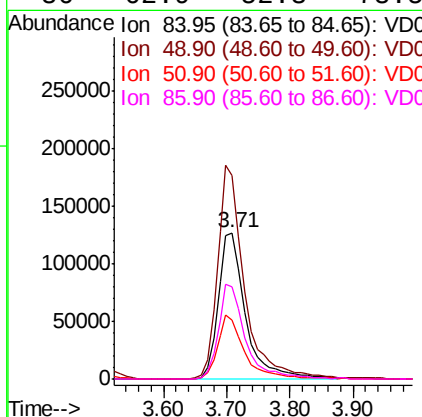
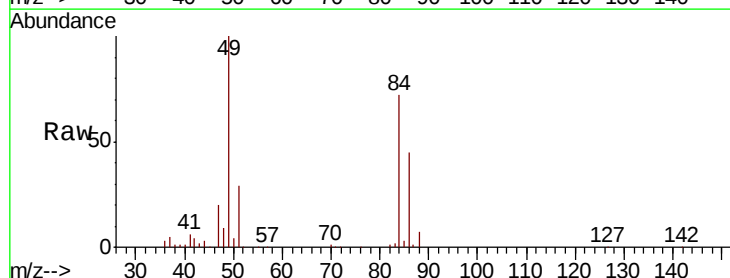
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBSD01

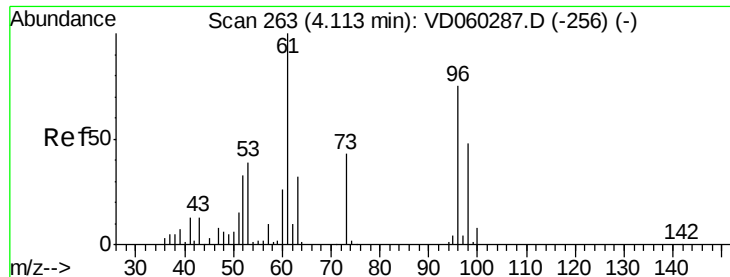
Tgt Ion: 73 Resp: 494202  
Ion Ratio Lower Upper  
73 100  
57 22.3 18.1 27.1



#20  
Methylene Chloride  
Concen: 23.528 ug/l  
RT: 3.71 min Scan# 222  
Delta R.T. -0.02 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Tgt Ion: 84 Resp: 385492  
Ion Ratio Lower Upper  
84 100  
49 138.9 115.6 173.4  
51 40.0 35.6 53.4  
86 62.9 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 21.811 ug/l

RT: 4.08 min Scan# 260

Delta R.T. -0.03 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

VD1109SBSD01

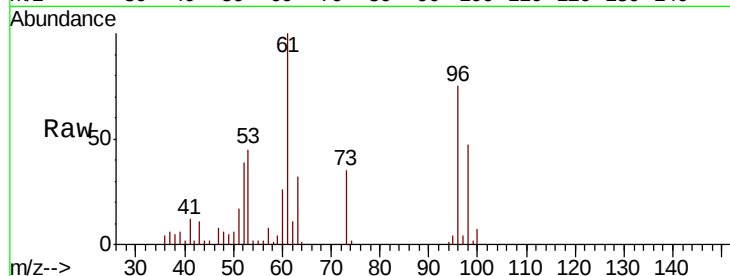
Tgt Ion: 96 Resp: 351412

Ion Ratio Lower Upper

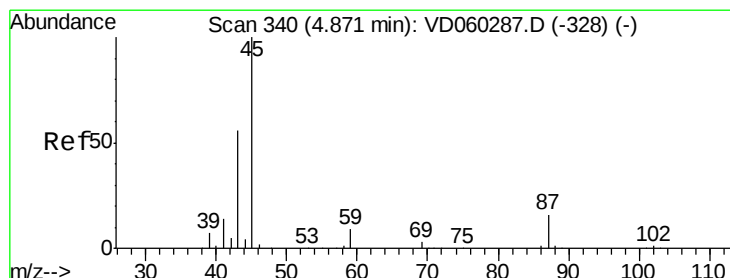
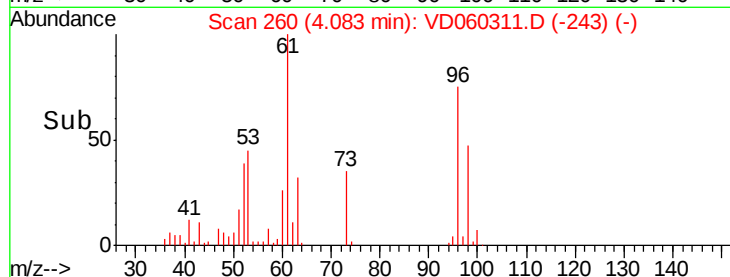
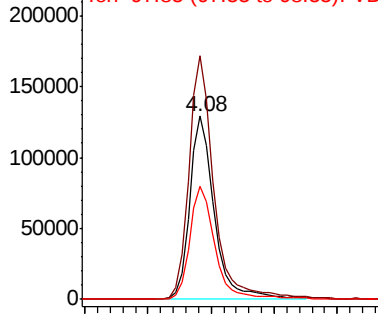
96 100

61 133.1 105.8 158.6

98 62.1 50.8 76.2



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



#22

Diisopropyl ether

Concen: 23.083 ug/l

RT: 4.84 min Scan# 337

Delta R.T. -0.03 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Tgt Ion: 45 Resp: 1197364

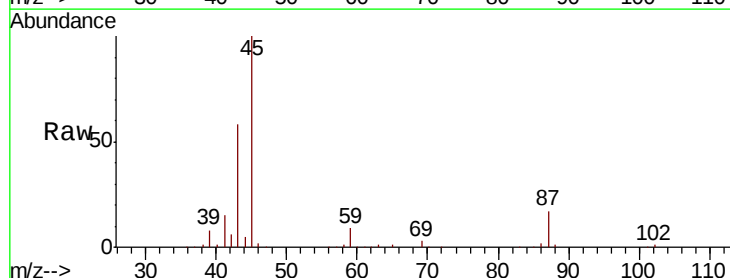
Ion Ratio Lower Upper

45 100

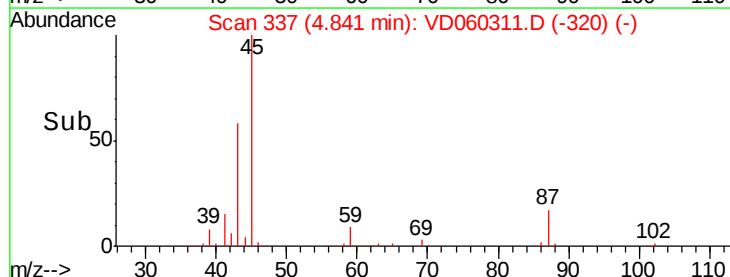
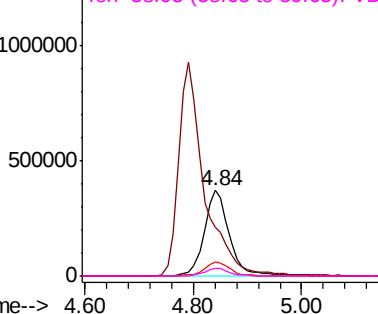
43 57.6 44.9 67.3

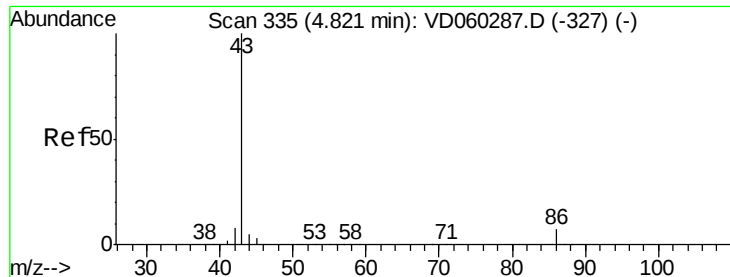
87 16.8 13.9 20.9

59 8.7 7.0 10.6



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

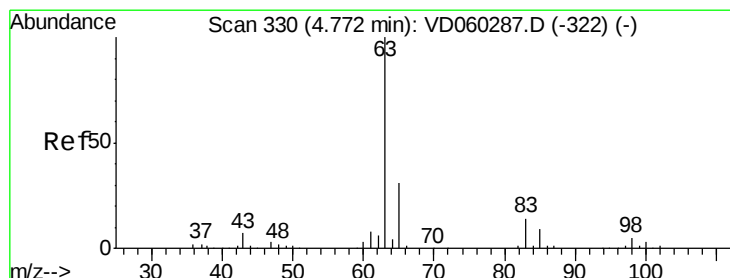
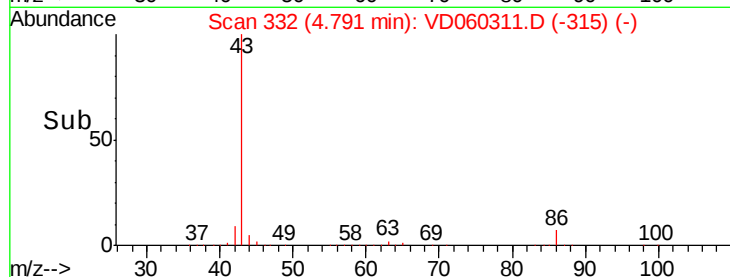
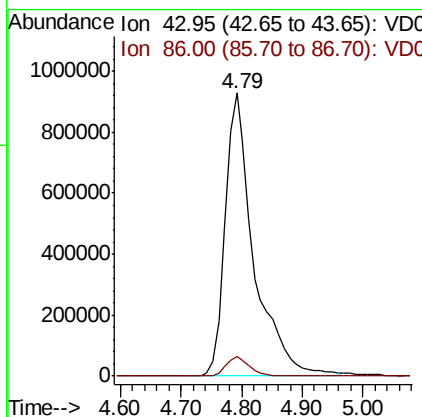
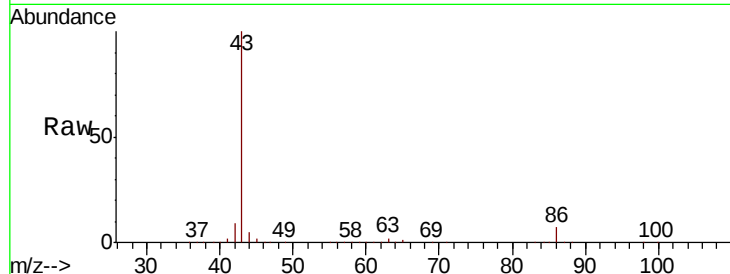




#23  
 Vinyl Acetate  
 Concen: 117.994 ug/l  
 RT: 4.79 min Scan# 332  
 Delta R.T. -0.03 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

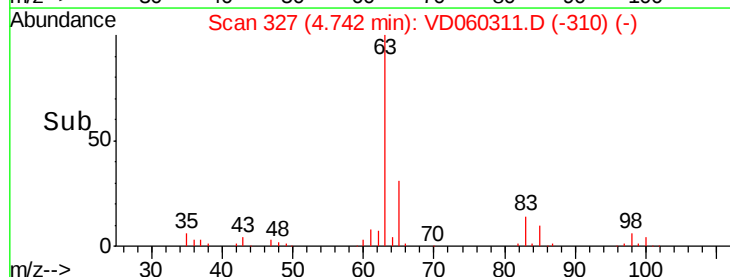
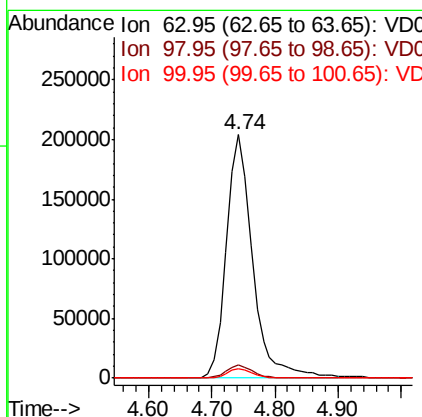
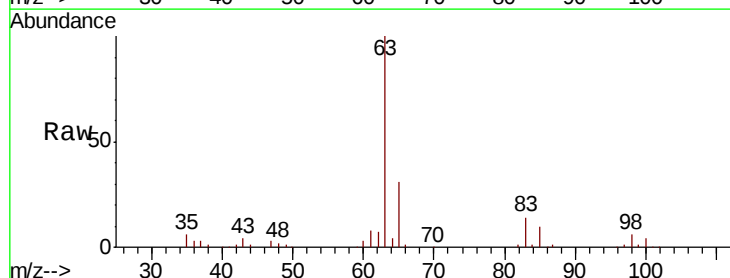
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD1109SBSD01

Tgt Ion: 43 Resp: 3045477  
 Ion Ratio Lower Upper  
 43 100  
 86 6.7 5.7 8.5



#24  
 1,1-Dichloroethane  
 Concen: 22.082 ug/l  
 RT: 4.74 min Scan# 327  
 Delta R.T. -0.03 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Tgt Ion: 63 Resp: 587367  
 Ion Ratio Lower Upper  
 63 100  
 98 5.7 2.8 8.4  
 100 3.7 1.8 5.5





#25

2-Butanone

Concen: 117.769 ug/l

RT: 5.61 min Scan# 415

Delta R.T. -0.03 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

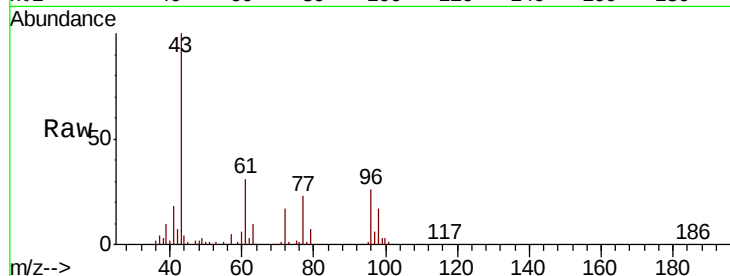
VD1109SBS01

Tgt Ion: 43 Resp: 452136

Ion Ratio Lower Upper

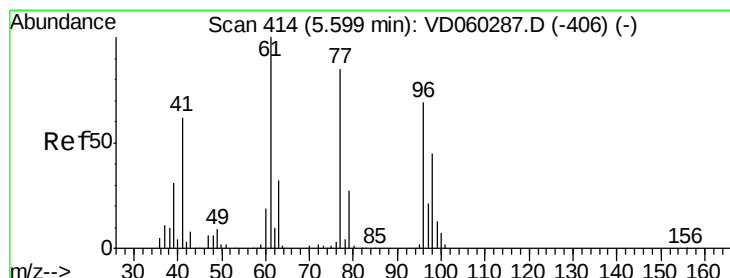
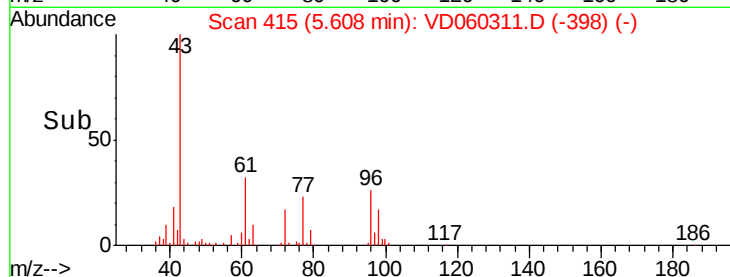
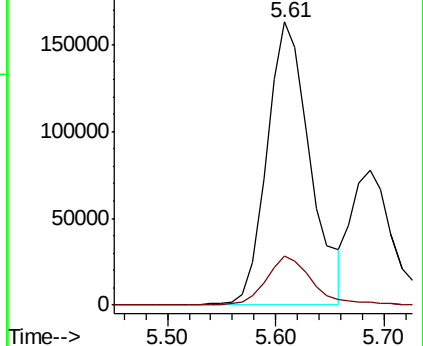
43 100

72 17.3 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 22.707 ug/l

RT: 5.57 min Scan# 411

Delta R.T. -0.03 min

Lab File: VD060311.D

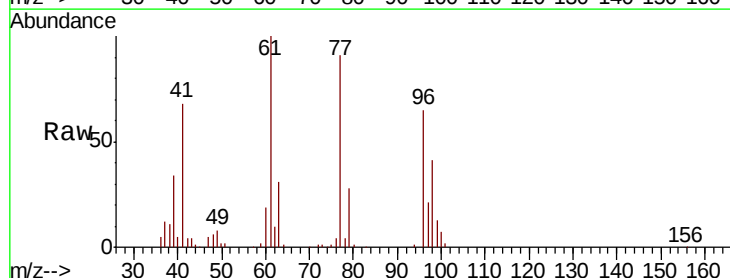
Acq: 9 Nov 2018 14:34

Tgt Ion: 77 Resp: 469590

Ion Ratio Lower Upper

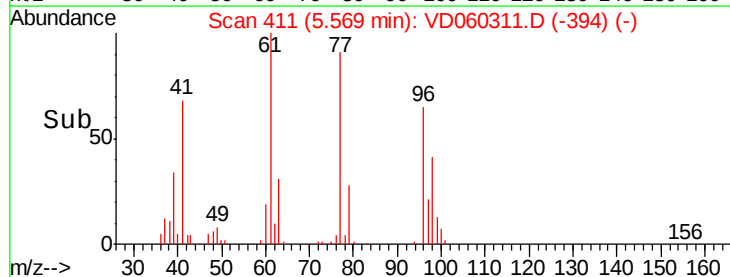
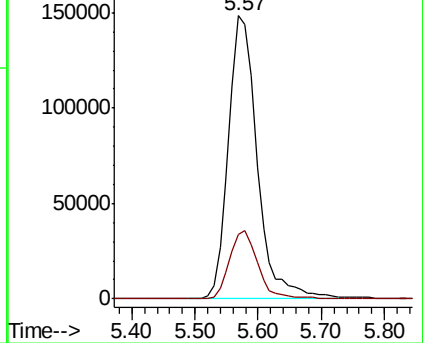
77 100

97 22.8 12.6 37.8



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



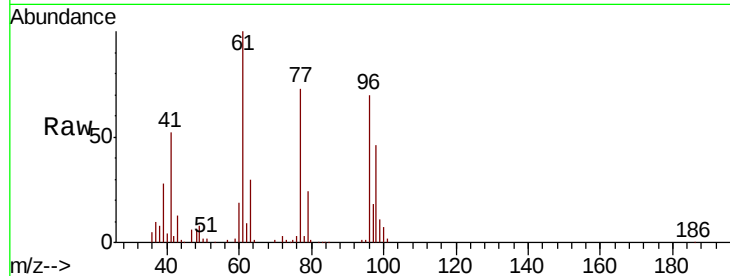


#27

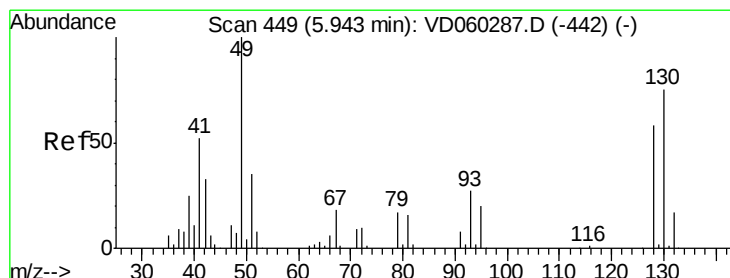
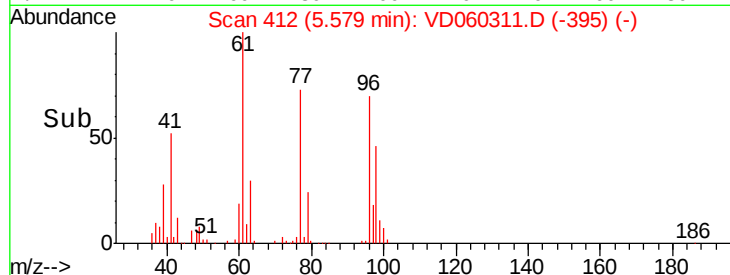
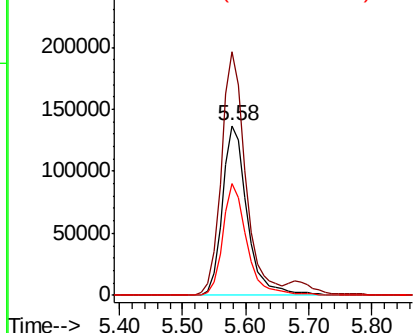
cis-1,2-Dichloroethene  
 Concen: 22.153 ug/l  
 RT: 5.58 min Scan# 412  
 Delta R.T. -0.03 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1109SBSD01

Tgt Ion: 96 Resp: 371836  
 Ion Ratio Lower Upper  
 96 100  
 61 143.3 0.0 259.0  
 98 65.6 0.0 128.8



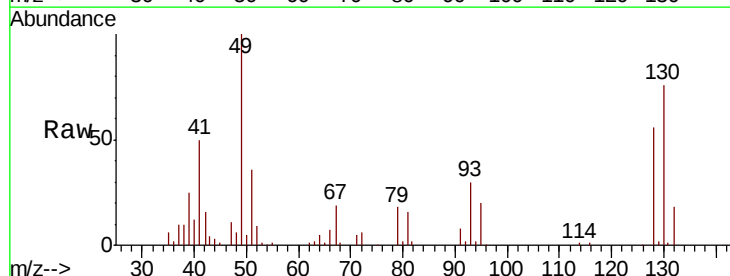
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 97.85 (97.55 to 98.55): VDC



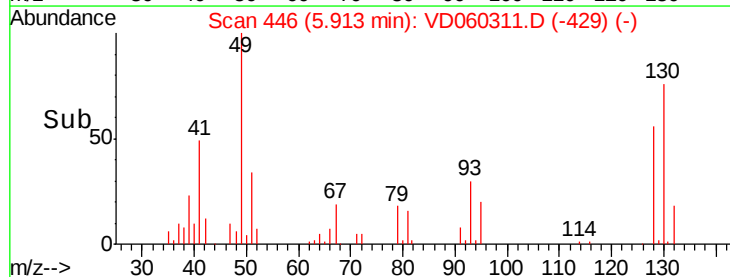
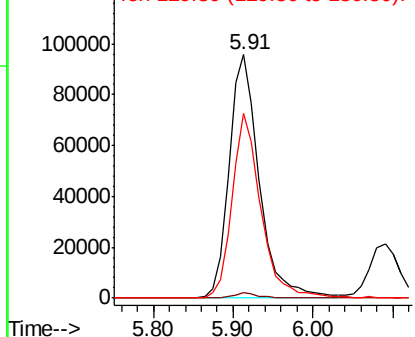
#28

Bromochloromethane  
 Concen: 21.520 ug/l  
 RT: 5.91 min Scan# 446  
 Delta R.T. -0.03 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Tgt Ion: 49 Resp: 252568  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 2.8  
 130 75.9 53.6 80.4



Abundance Ion 48.90 (48.60 to 49.60): VDC  
 Ion 128.80 (128.50 to 129.50): V  
 Ion 129.80 (129.50 to 130.50): V

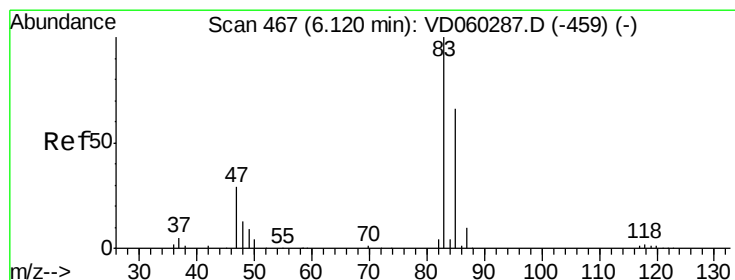
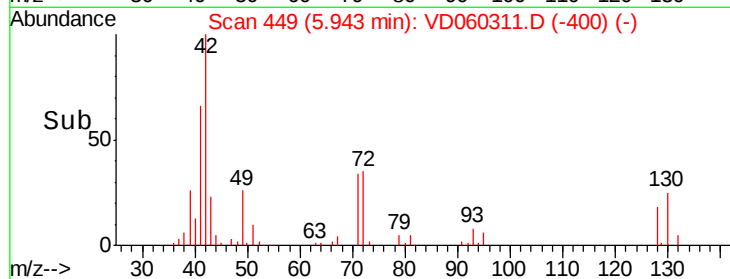
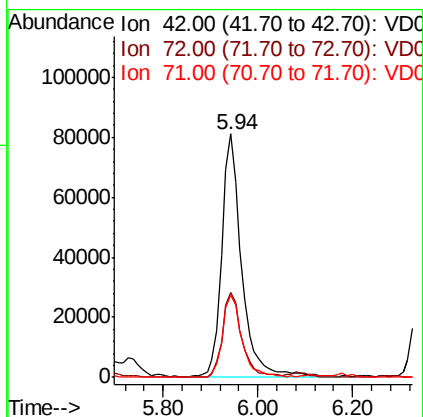
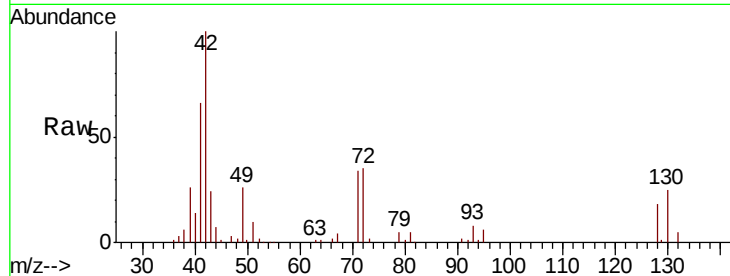




#29  
Tetrahydrofuran  
Concen: 117.330 ug/l  
RT: 5.94 min Scan# 449  
Delta R.T. -0.02 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

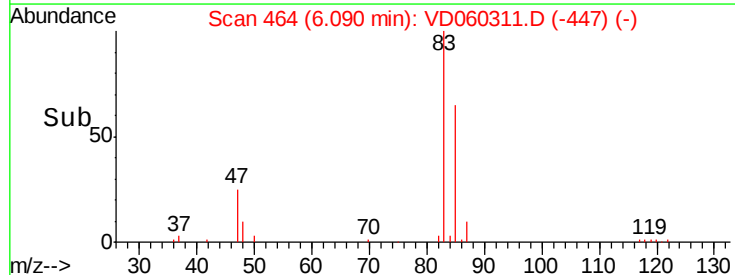
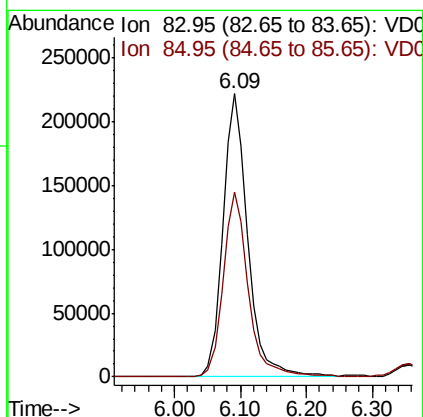
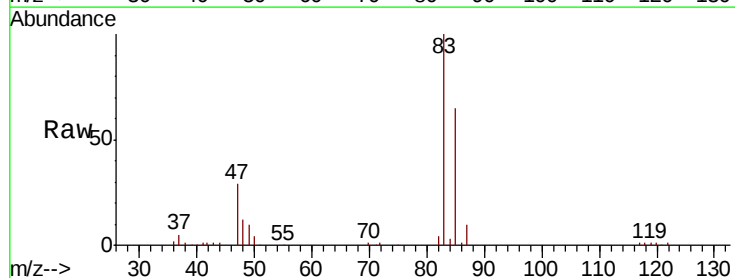
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBSD01

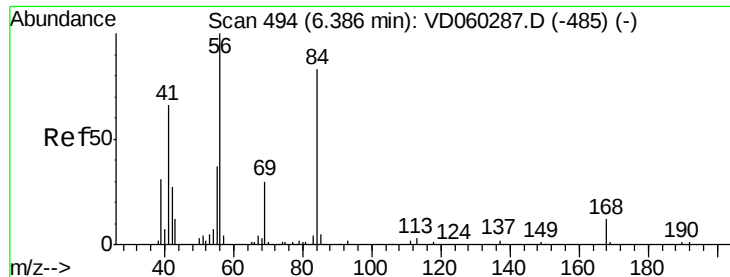
Tgt Ion: 42 Resp: 237491  
Ion Ratio Lower Upper  
42 100  
72 33.4 27.6 41.4  
71 32.5 26.5 39.7



#30  
Chloroform  
Concen: 21.904 ug/l  
RT: 6.09 min Scan# 464  
Delta R.T. -0.03 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Tgt Ion: 83 Resp: 582462  
Ion Ratio Lower Upper  
83 100  
85 65.5 52.5 78.7

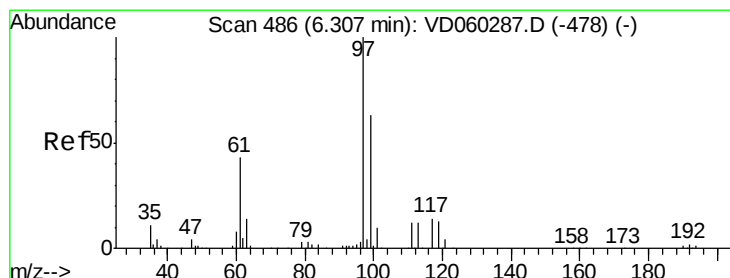
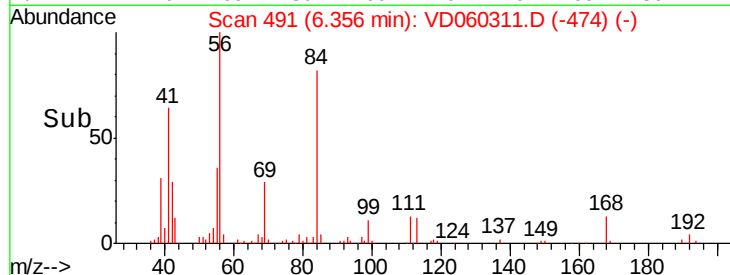
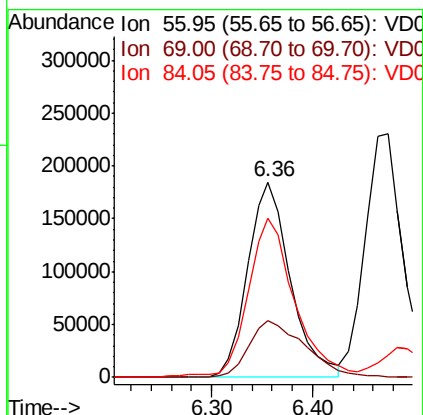
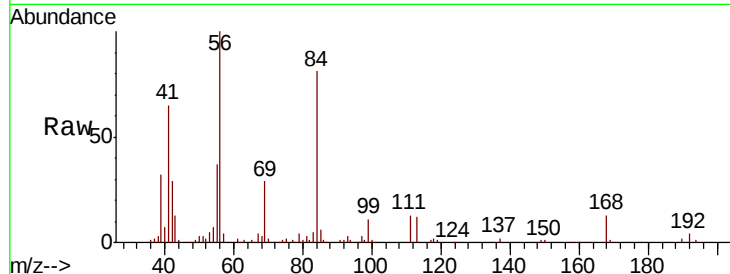




#31  
Cyclohexane  
Concen: 21.403 ug/l  
RT: 6.36 min Scan# 491  
Delta R.T. -0.03 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

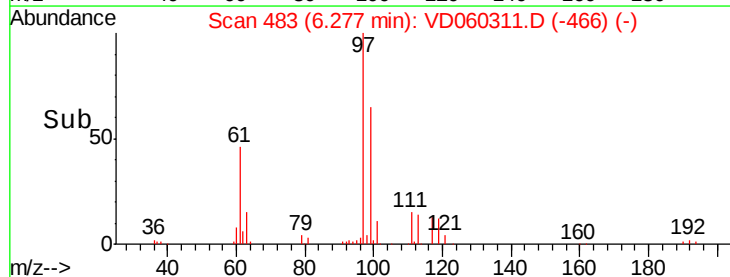
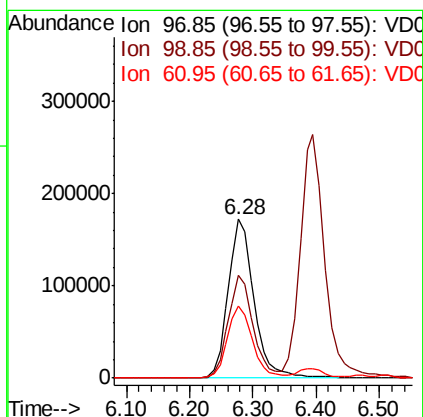
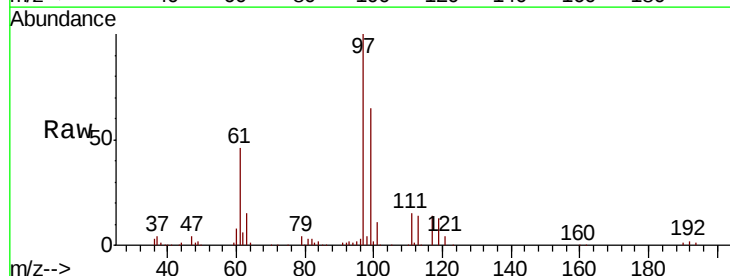
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBSD01

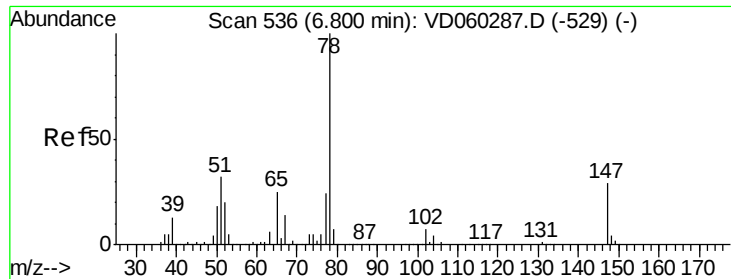
Tgt Ion: 56 Resp: 544145  
Ion Ratio Lower Upper  
56 100  
69 29.2 22.2 33.2  
84 81.4 63.0 94.4



#32  
1,1,1-Trichloroethane  
Concen: 21.658 ug/l  
RT: 6.28 min Scan# 483  
Delta R.T. -0.03 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Tgt Ion: 97 Resp: 485134  
Ion Ratio Lower Upper  
97 100  
99 64.8 51.5 77.3  
61 45.7 35.8 53.8

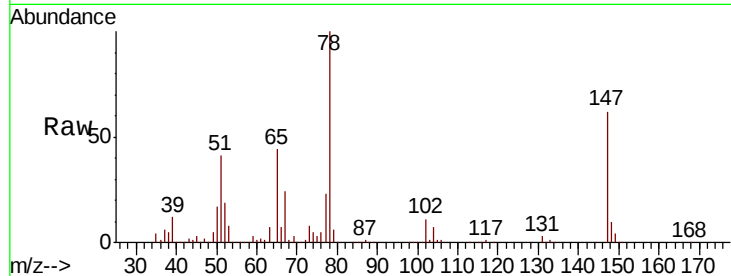




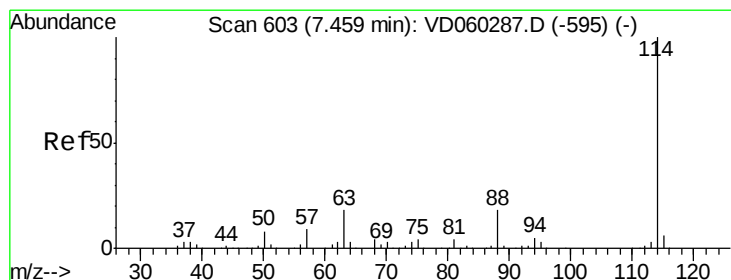
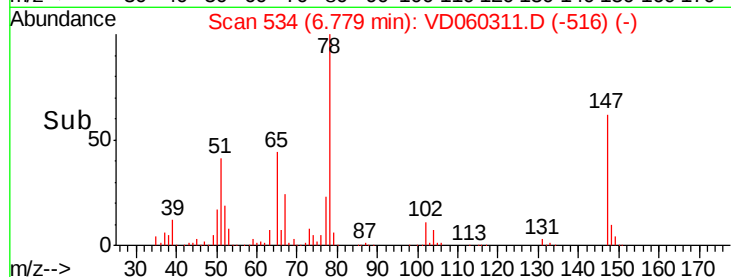
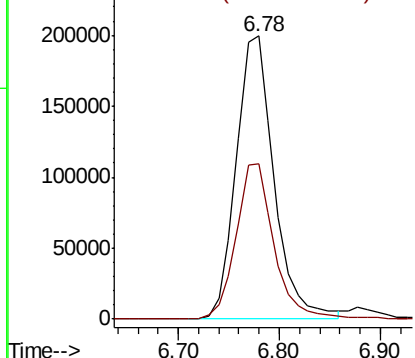
#33  
 1,2-Dichloroethane-d4  
 Concen: 21.658 ug/l  
 RT: 6.78 min Scan# 534  
 Delta R.T. -0.02 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1109SBSD01

Tgt Ion: 65 Resp: 522007  
 Ion Ratio Lower Upper  
 65 100  
 67 54.7 0.0 109.8

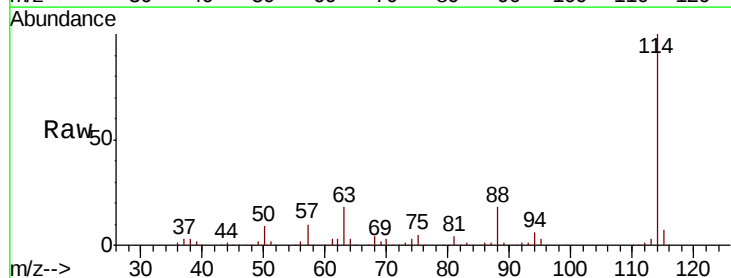


Abundance Ion 64.95 (64.65 to 65.65): VDC  
 Ion 66.90 (66.60 to 67.60): VDC

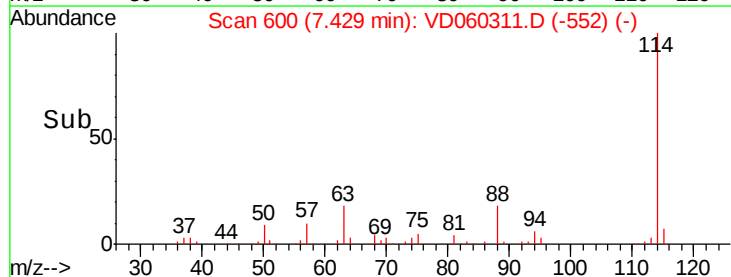
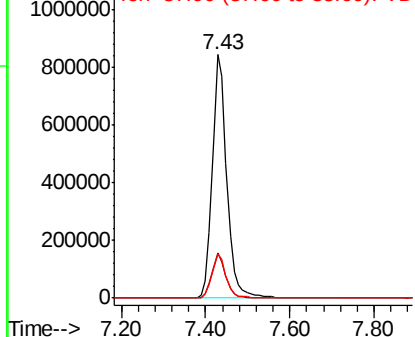


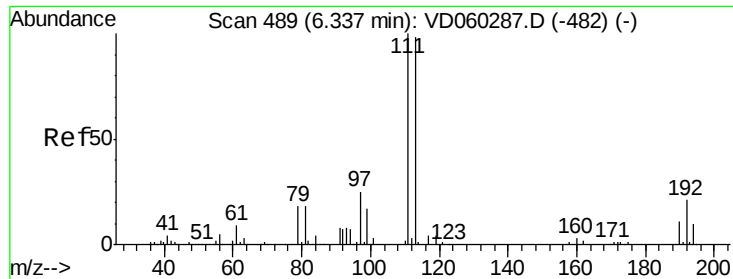
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.43 min Scan# 600  
 Delta R.T. -0.03 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Tgt Ion: 114 Resp: 2017241  
 Ion Ratio Lower Upper  
 114 100  
 63 18.5 0.0 34.0  
 88 17.9 0.0 35.4



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

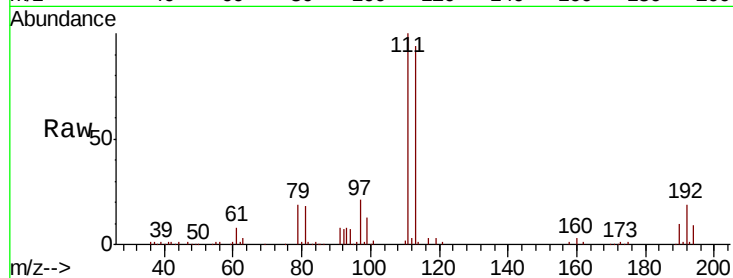




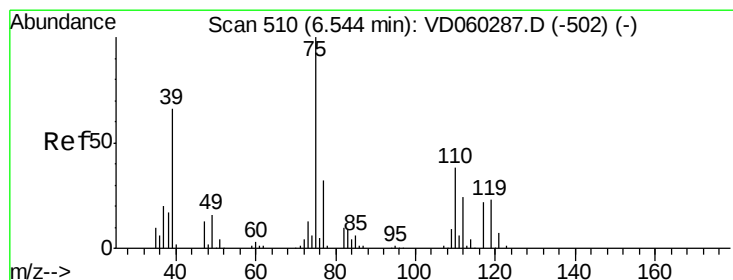
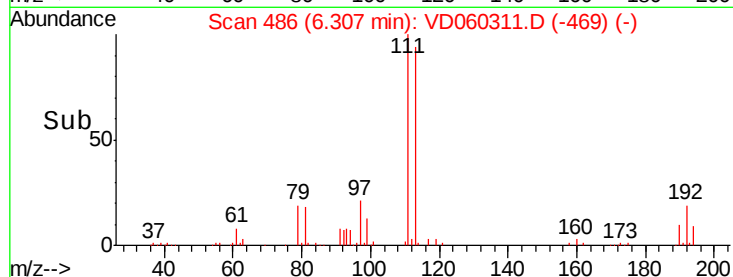
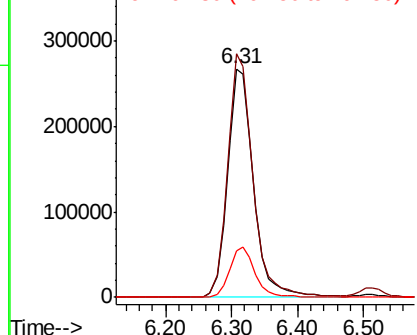
#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 6.31 min Scan# 486  
 Delta R.T. -0.03 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1109SBSD01

Tgt Ion: 113 Resp: 735804  
 Ion Ratio Lower Upper  
 113 100  
 111 106.6 81.6 122.4  
 192 20.4 16.5 24.7

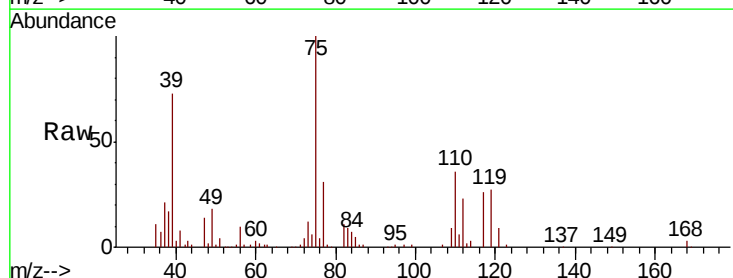


Abundance Ion 112.90 (112.60 to 113.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 191.80 (191.50 to 192.50): V

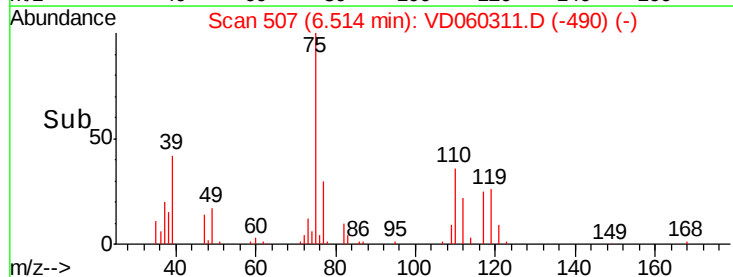
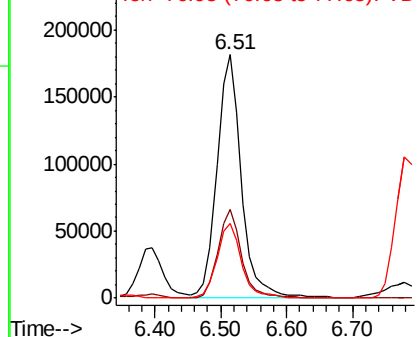


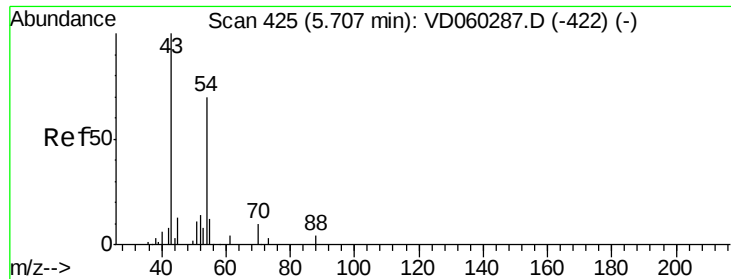
#36  
 1,1-Dichloropropene  
 Concen: 22.966 ug/l  
 RT: 6.51 min Scan# 507  
 Delta R.T. -0.03 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Tgt Ion: 75 Resp: 457701  
 Ion Ratio Lower Upper  
 75 100  
 110 36.3 18.0 54.0  
 77 30.8 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): V  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.95 (76.65 to 77.65): V

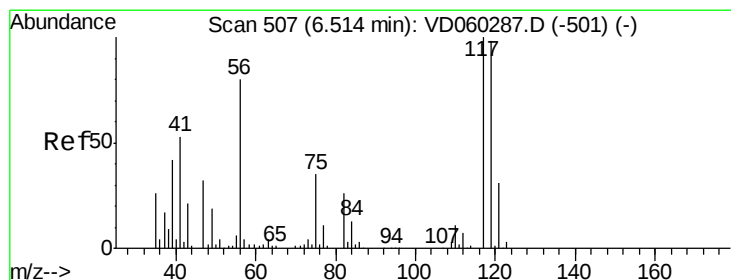
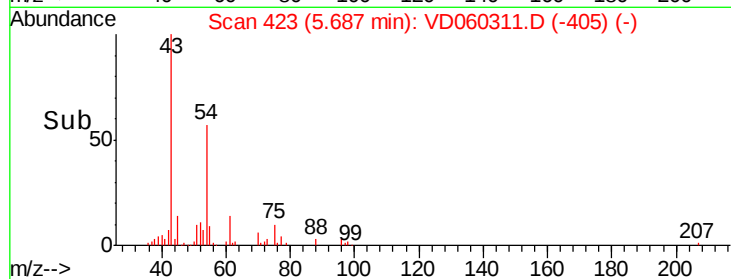
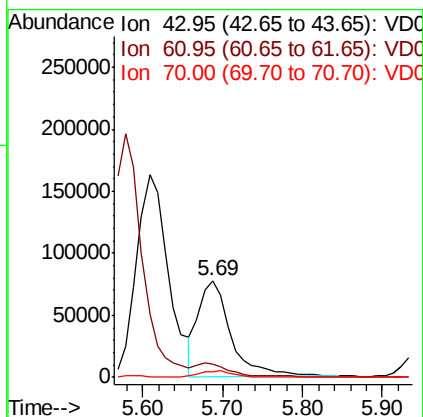
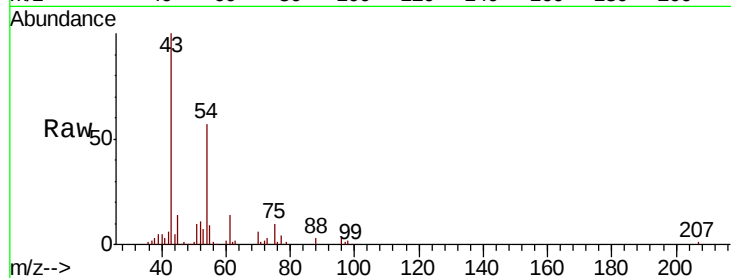




#37  
Ethyl Acetate  
Concen: 23.371 ug/l  
RT: 5.69 min Scan# 423  
Delta R.T. -0.02 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

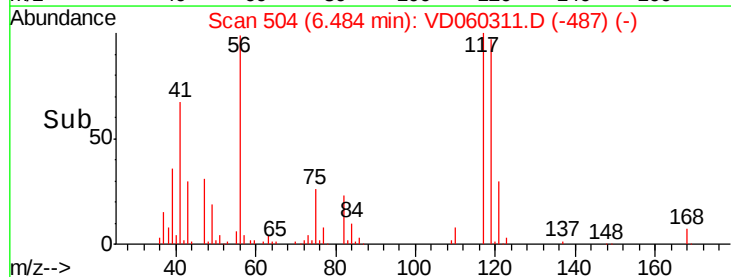
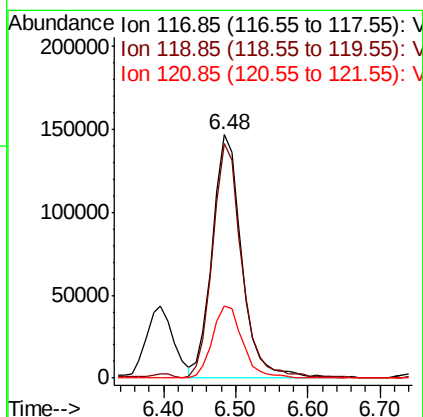
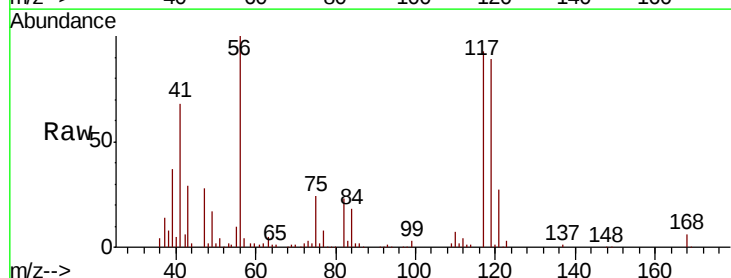
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBS01

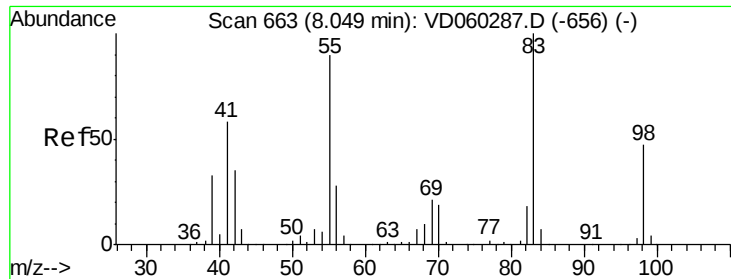
Tgt Ion: 43 Resp: 214328  
Ion Ratio Lower Upper  
43 100  
61 14.1 11.8 17.6  
70 6.3 6.2 9.4



#38  
Carbon Tetrachloride  
Concen: 22.101 ug/l  
RT: 6.48 min Scan# 504  
Delta R.T. -0.03 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Tgt Ion: 117 Resp: 408581  
Ion Ratio Lower Upper  
117 100  
119 96.3 76.6 115.0  
121 29.5 24.3 36.5

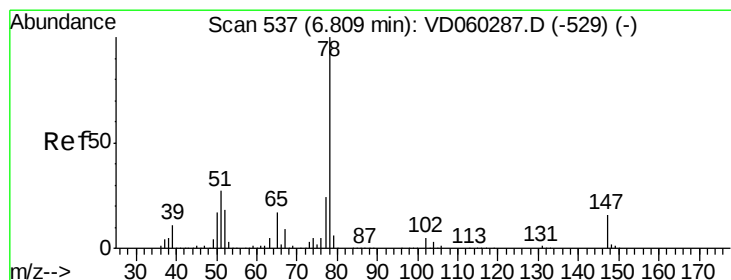
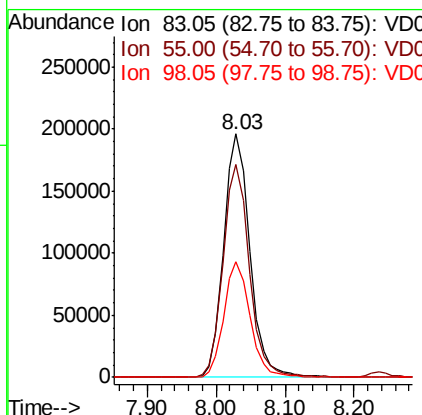
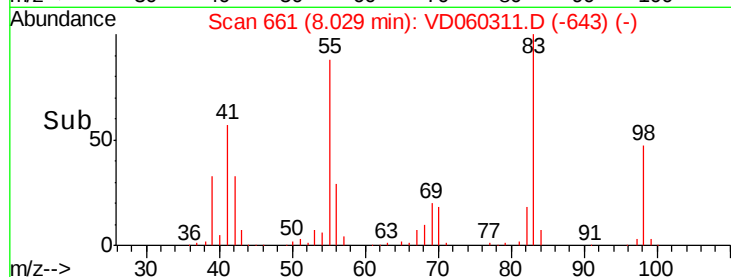
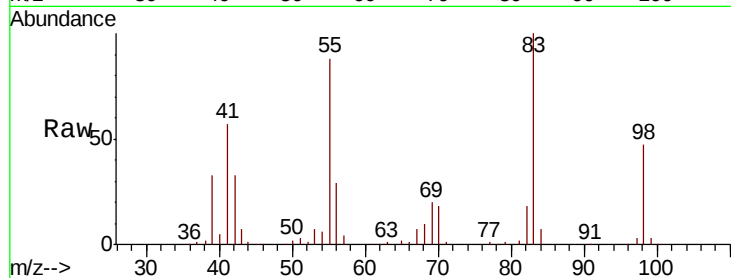




#39  
Methylcyclohexane  
Concen: 22.609 ug/l  
RT: 8.03 min Scan# 661  
Delta R.T. -0.02 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

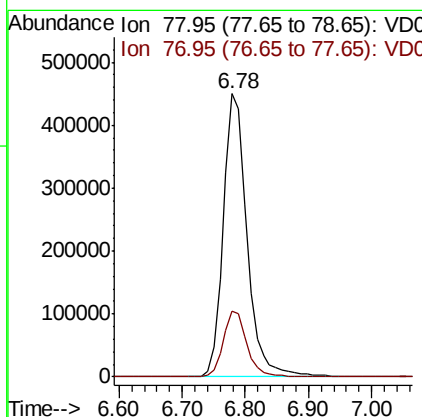
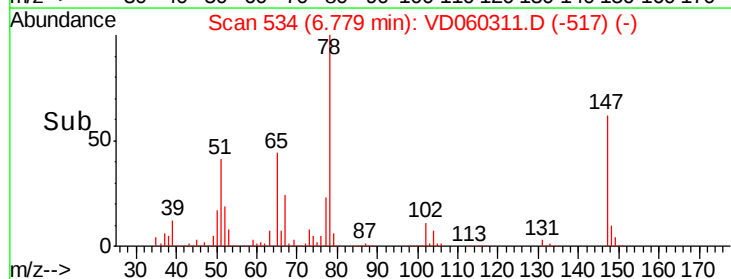
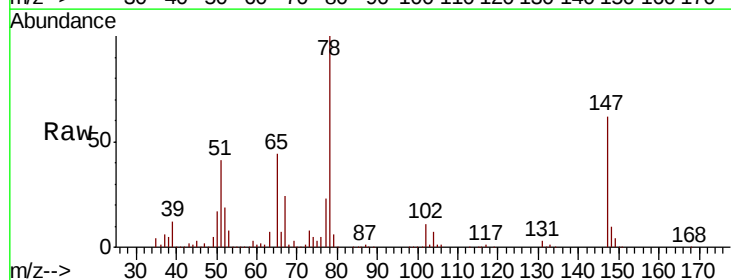
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBSD01

Tgt Ion: 83 Resp: 518253  
Ion Ratio Lower Upper  
83 100  
55 87.5 71.2 106.8  
98 47.4 38.4 57.6



#40  
Benzene  
Concen: 23.117 ug/l  
RT: 6.78 min Scan# 534  
Delta R.T. -0.03 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Tgt Ion: 78 Resp: 1176023  
Ion Ratio Lower Upper  
78 100  
77 23.4 18.8 28.2





#41

Methacrylonitrile

Concen: 24.129 ug/l

RT: 5.94 min Scan# 449

Delta R.T. -0.02 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

VD1109SBSD01

Tgt Ion: 41 Resp: 253271

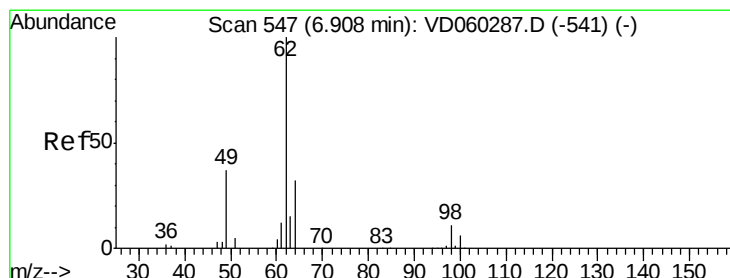
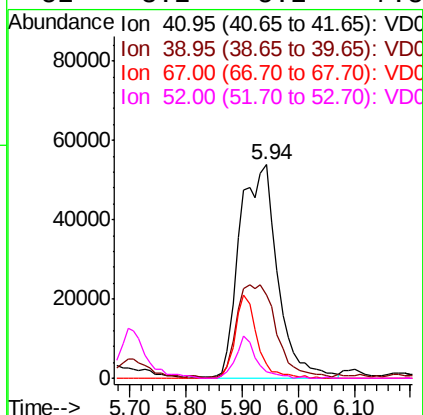
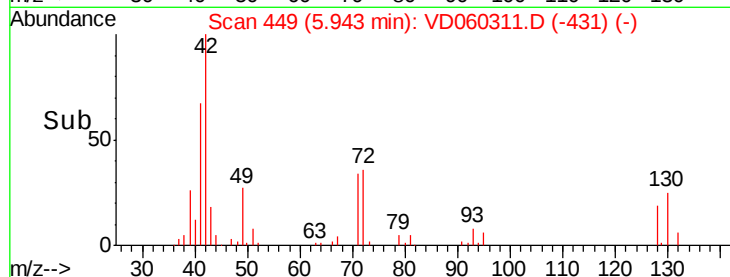
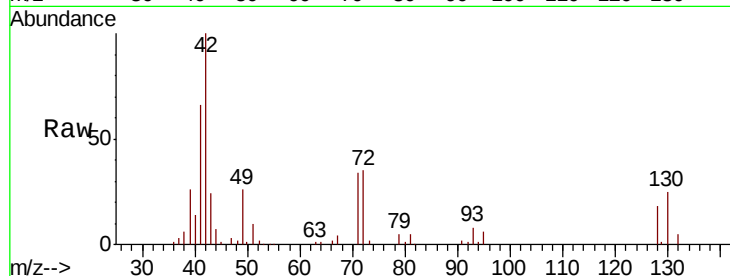
Ion Ratio Lower Upper

41 100

39 39.1 36.2 54.2

67 6.4 11.9 17.9#

52 3.2 5.2 7.8#



#42

1,2-Dichloroethane

Concen: 23.368 ug/l

RT: 6.89 min Scan# 545

Delta R.T. -0.02 min

Lab File: VD060311.D

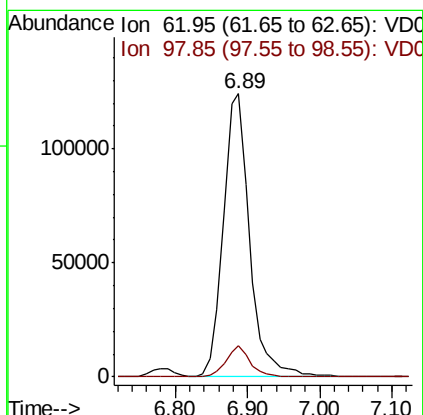
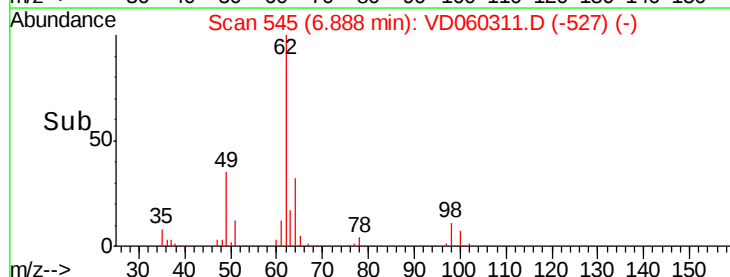
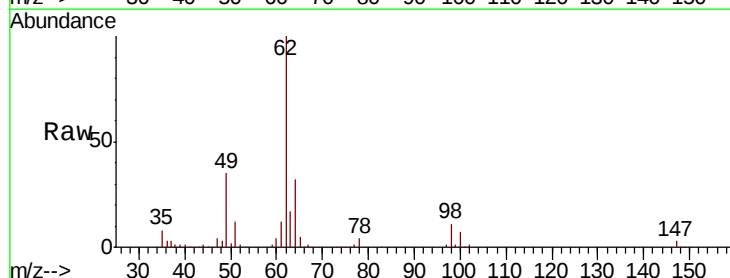
Acq: 9 Nov 2018 14:34

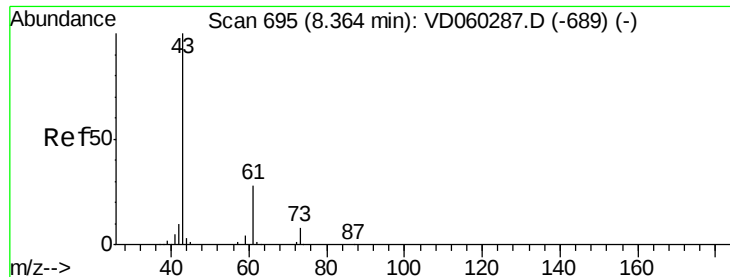
Tgt Ion: 62 Resp: 311156

Ion Ratio Lower Upper

62 100

98 11.2 0.0 22.0





#43

Isopropyl Acetate

Concen: 23.094 ug/l

RT: 8.34 min Scan# 693

Delta R.T. -0.02 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

VD1109SBSD01

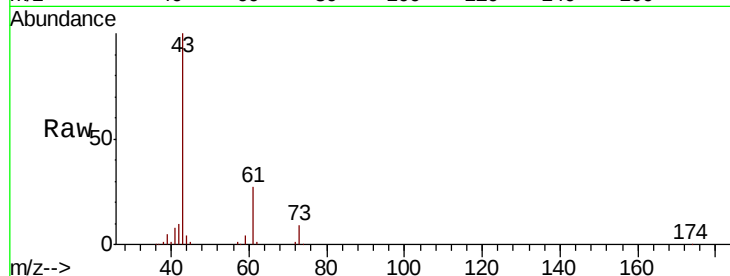
Tgt Ion: 43 Resp: 266034

Ion Ratio Lower Upper

43 100

61 27.1 22.3 33.5

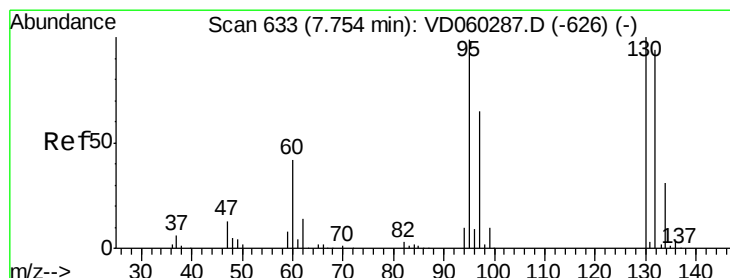
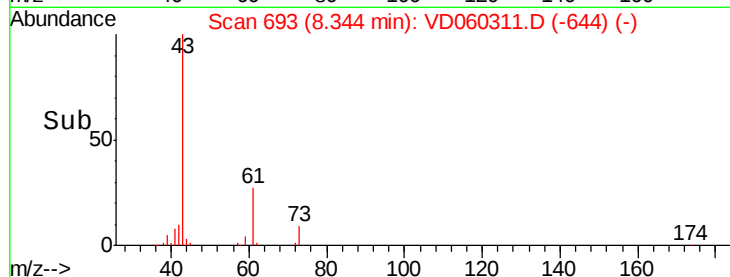
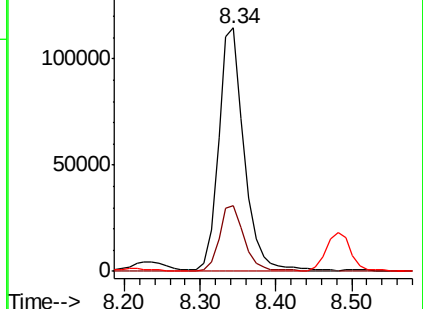
87 0.0 0.2 0.2#



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



#44

Trichloroethene

Concen: 22.784 ug/l

RT: 7.73 min Scan# 631

Delta R.T. -0.02 min

Lab File: VD060311.D

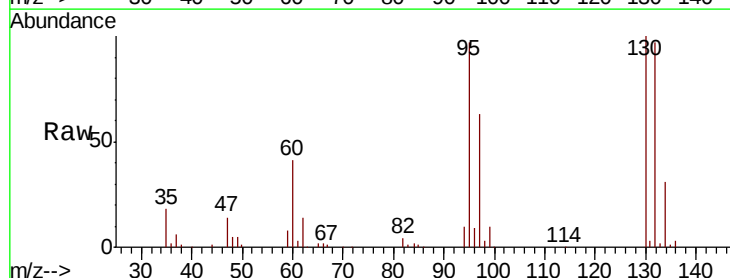
Acq: 9 Nov 2018 14:34

Tgt Ion:130 Resp: 351359

Ion Ratio Lower Upper

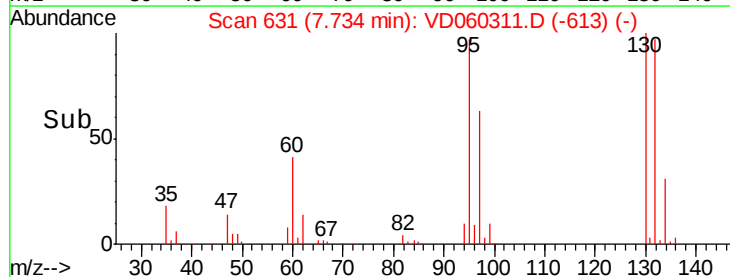
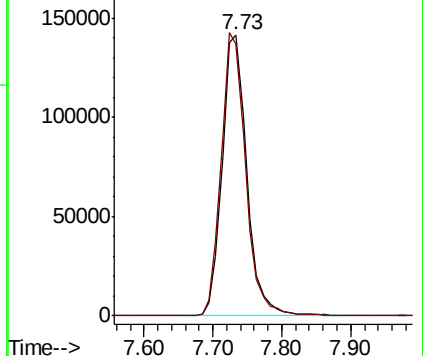
130 100

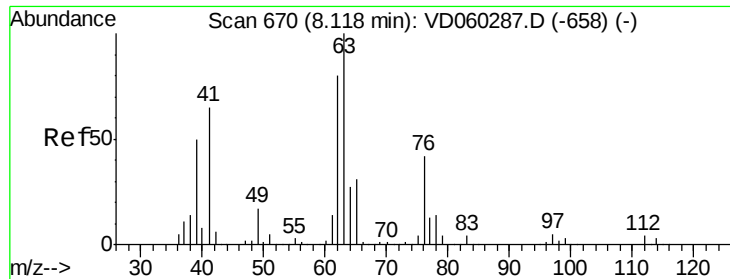
95 96.9 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 22.679 ug/l

RT: 8.09 min Scan# 667

Delta R.T. -0.03 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

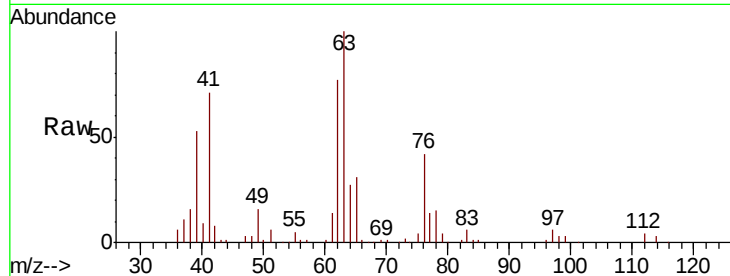
VD1109SBSD01

Tgt Ion: 63 Resp: 290976

Ion Ratio Lower Upper

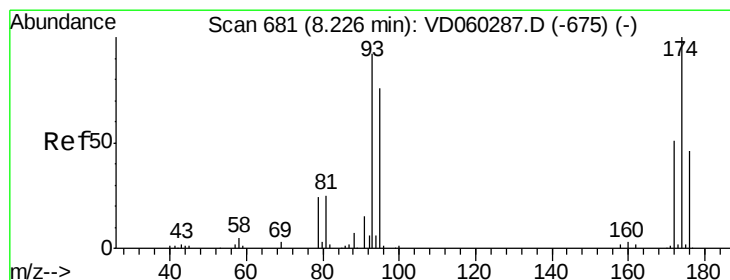
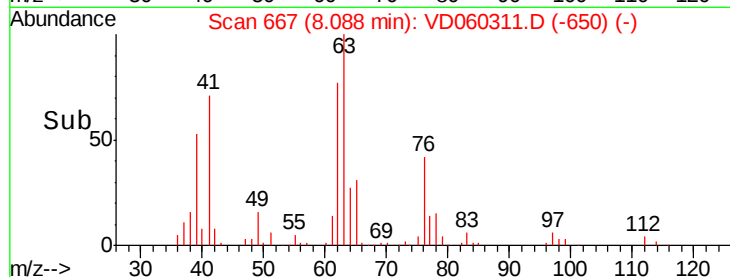
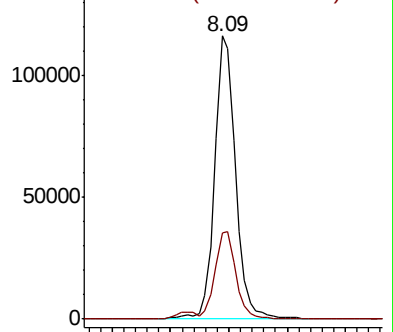
63 100

65 30.6 23.4 35.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 22.732 ug/l

RT: 8.21 min Scan# 679

Delta R.T. -0.02 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

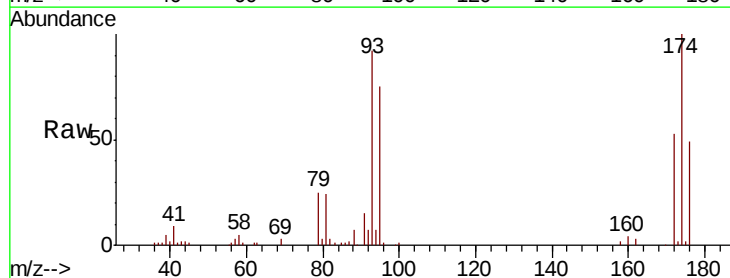
Tgt Ion: 93 Resp: 170820

Ion Ratio Lower Upper

93 100

95 81.2 66.4 99.6

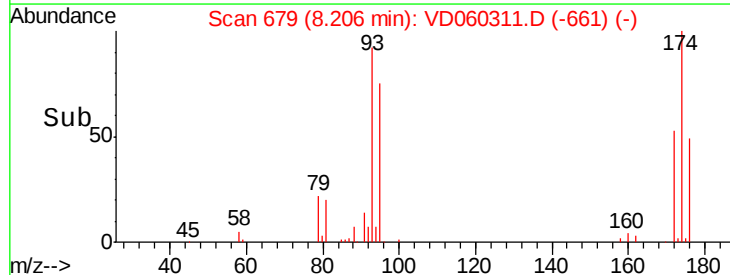
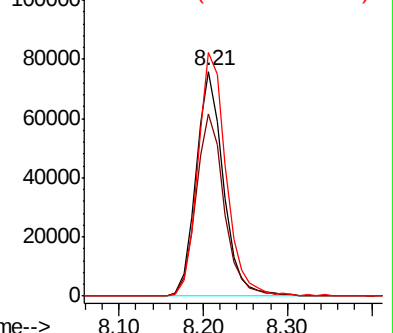
174 108.5 87.8 131.8

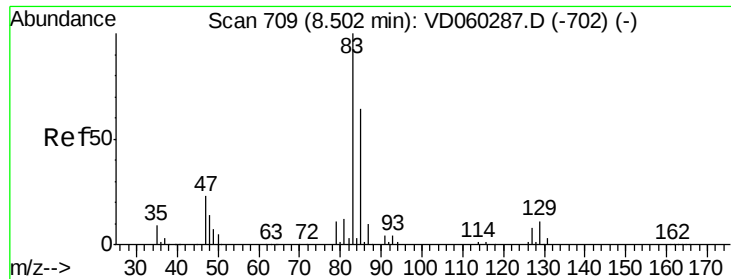


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 22.973 ug/l

RT: 8.48 min Scan# 707

Delta R.T. -0.02 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

VD1109SBSD01

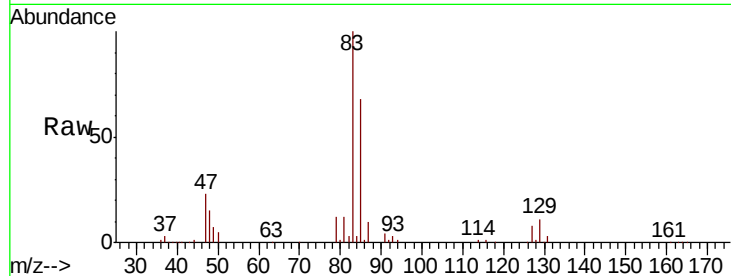
Tgt Ion: 83 Resp: 406793

Ion Ratio Lower Upper

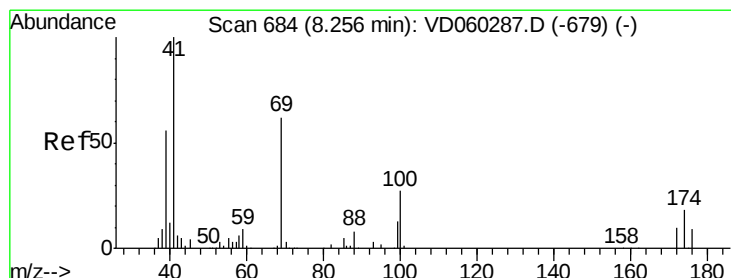
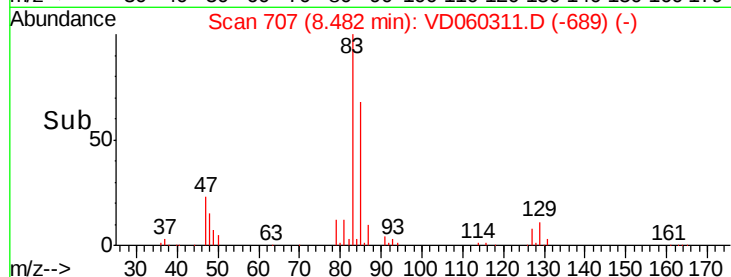
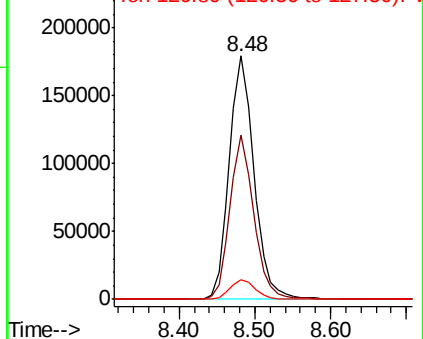
83 100

85 67.7 51.0 76.6

127 8.1 6.2 9.4



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): VDC



#48

Methyl methacrylate

Concen: 23.380 ug/l

RT: 8.24 min Scan# 682

Delta R.T. -0.02 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

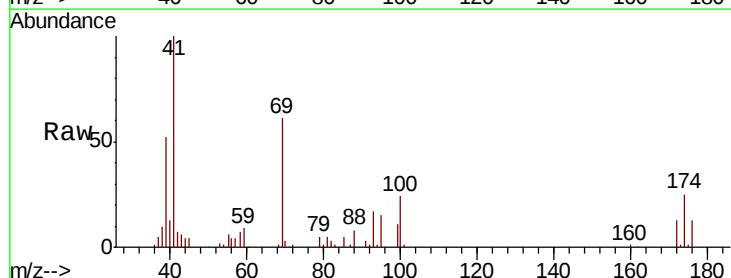
Tgt Ion: 41 Resp: 163594

Ion Ratio Lower Upper

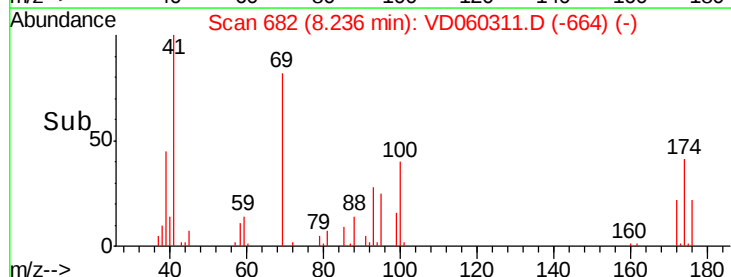
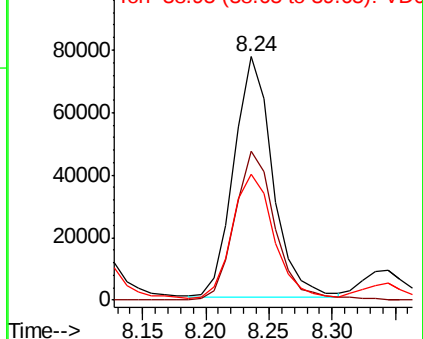
41 100

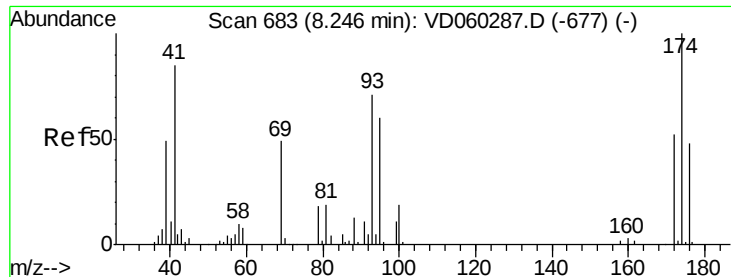
69 61.0 47.0 70.4

39 51.6 46.2 69.4



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

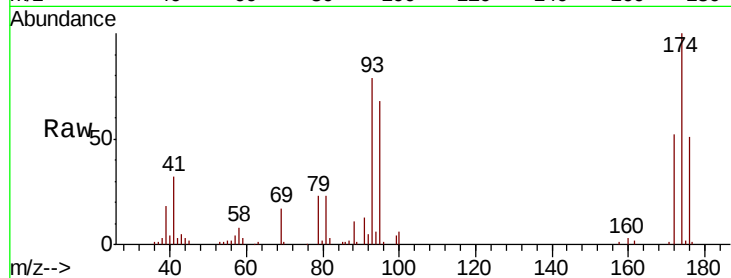




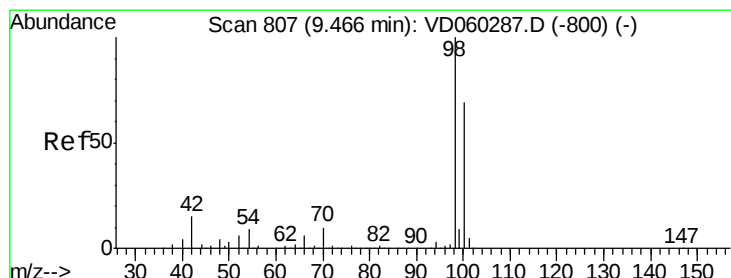
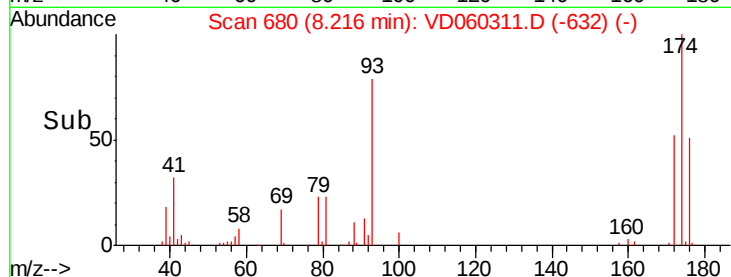
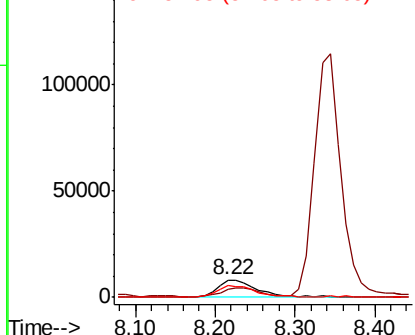
#49  
1,4-Dioxane  
Concen: 465.955 ug/l  
RT: 8.22 min Scan# 680  
Delta R.T. -0.03 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBSD01

Tgt Ion: 88 Resp: 28210  
Ion Ratio Lower Upper  
88 100  
43 45.7 39.7 59.5  
58 72.6 60.2 90.2

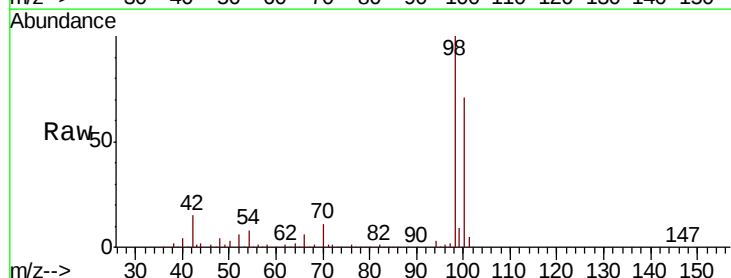


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

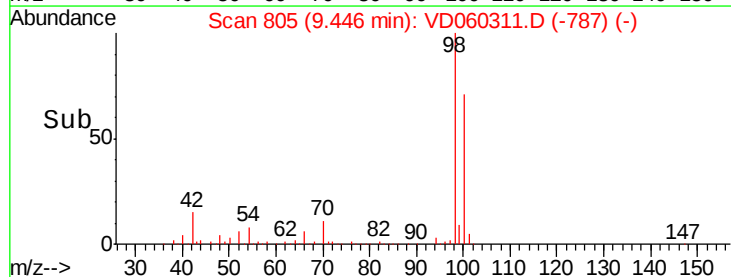
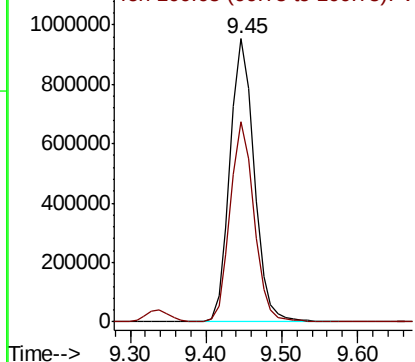


#50  
Toluene-d8  
Concen: 465.955 ug/l  
RT: 9.45 min Scan# 805  
Delta R.T. -0.02 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Tgt Ion: 98 Resp: 2109236  
Ion Ratio Lower Upper  
98 100  
100 70.8 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC  
Ion 100.05 (99.75 to 100.75): VDC

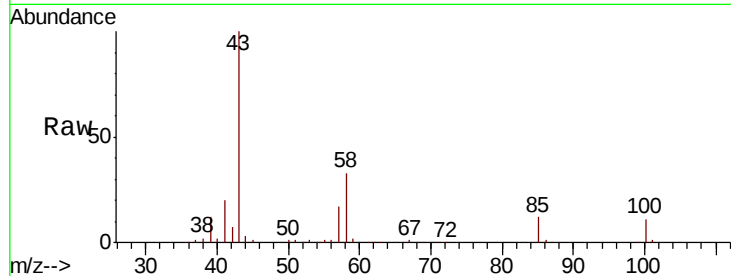




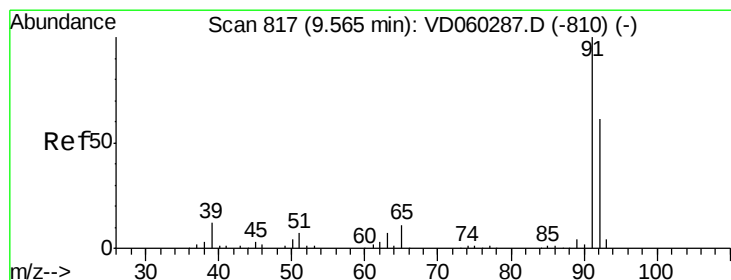
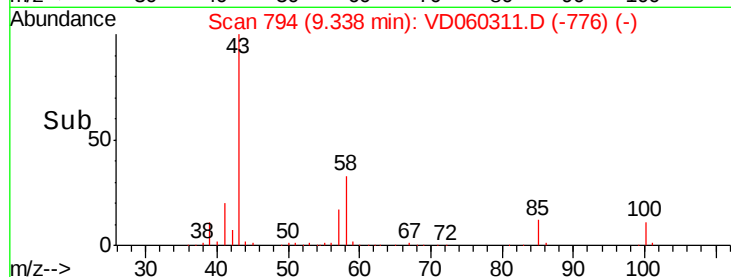
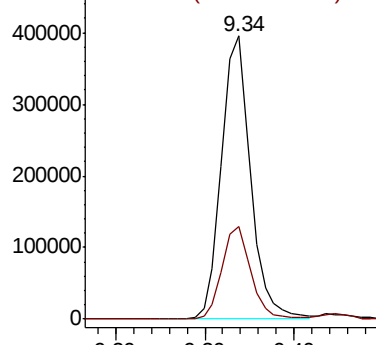
#51  
4-Methyl-2-Pentanone  
Concen: 118.637 ug/l  
RT: 9.34 min Scan# 794  
Delta R.T. -0.02 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBSD01

Tgt Ion: 43 Resp: 889498  
Ion Ratio Lower Upper  
43 100  
58 32.8 26.1 39.1

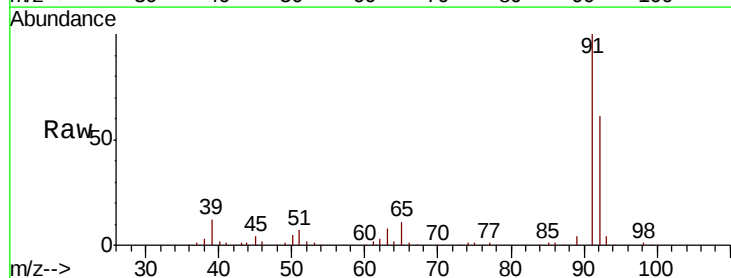


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

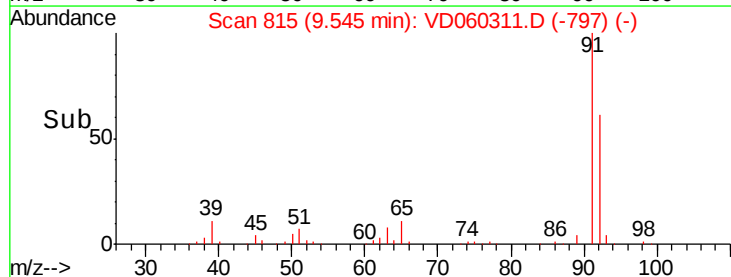
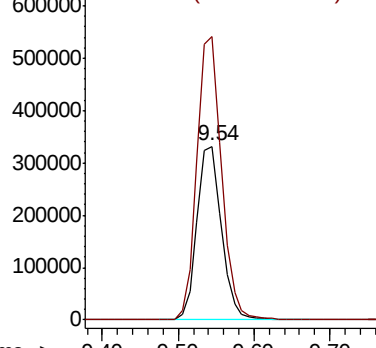


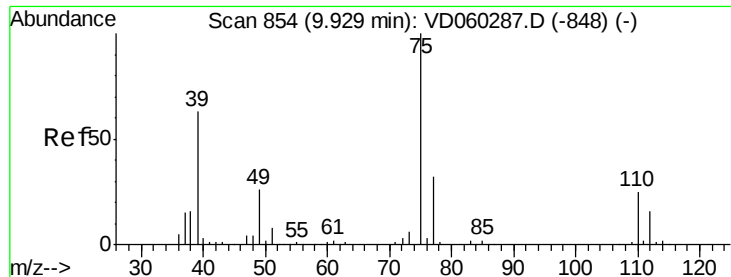
#52  
Toluene  
Concen: 22.867 ug/l  
RT: 9.54 min Scan# 815  
Delta R.T. -0.02 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Tgt Ion: 92 Resp: 743096  
Ion Ratio Lower Upper  
92 100  
91 163.0 131.9 197.9



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: 23.066 ug/l

RT: 9.91 min Scan# 852

Delta R.T. -0.02 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

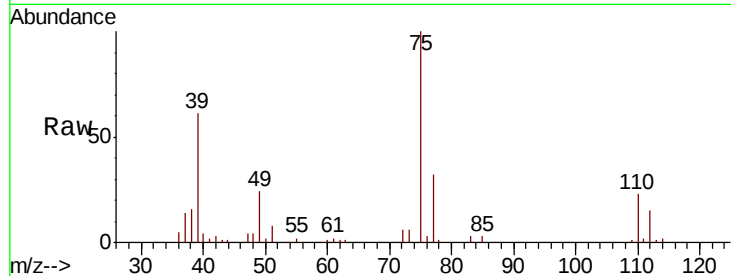
VD1109SBSD01

Tgt Ion: 75 Resp: 345105

Ion Ratio Lower Upper

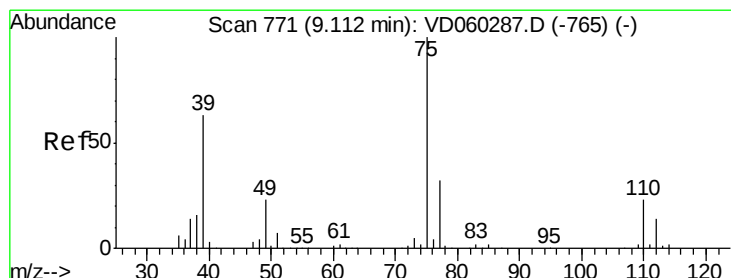
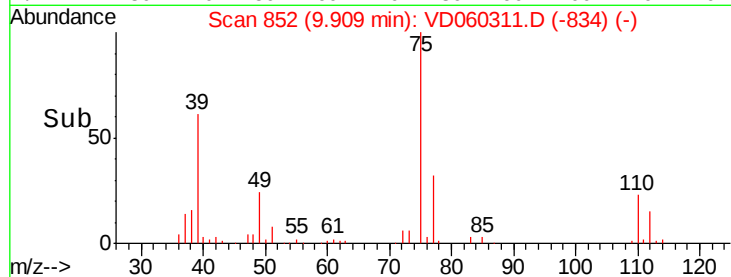
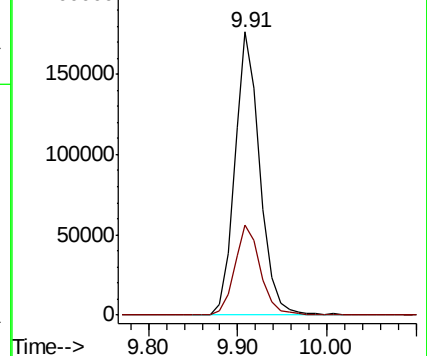
75 100

77 31.8 25.2 37.8



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: 23.028 ug/l

RT: 9.09 min Scan# 769

Delta R.T. -0.02 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

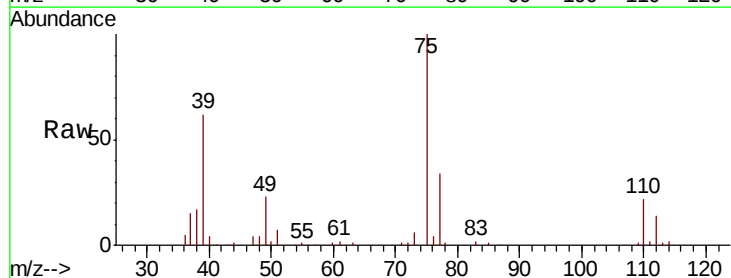
Tgt Ion: 75 Resp: 441888

Ion Ratio Lower Upper

75 100

77 33.7 26.3 39.5

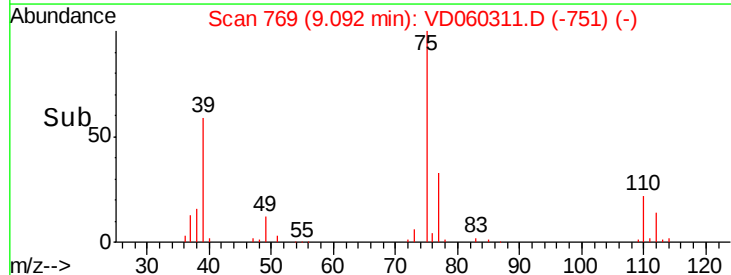
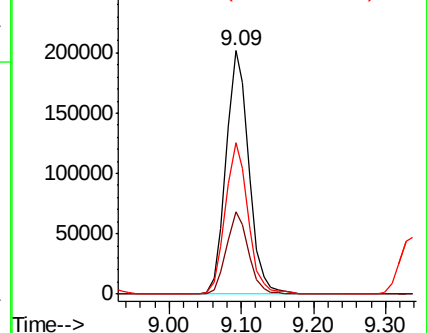
39 62.1 50.8 76.2



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

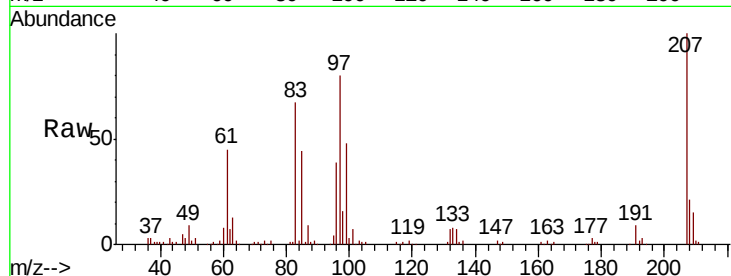




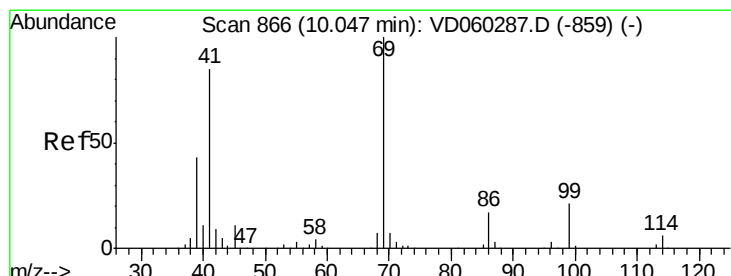
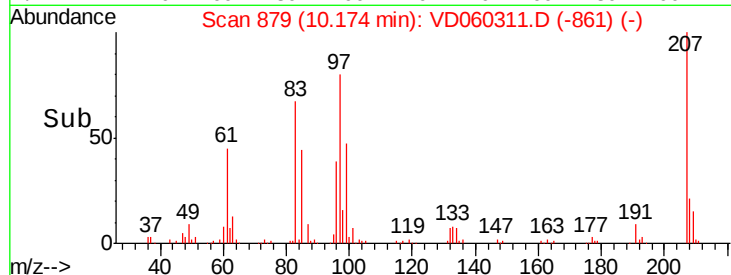
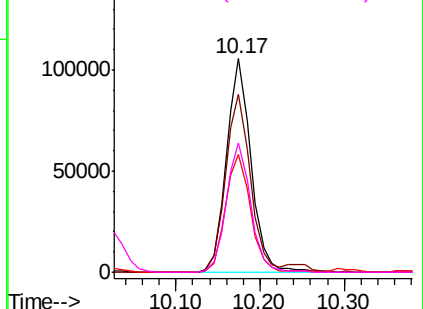
#55  
 1,1,2-Trichloroethane  
 Concen: 22.628 ug/l  
 RT: 10.17 min Scan# 879  
 Delta R.T. -0.02 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1109SBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 213122 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.5  | 68.4  | 102.6  |
| 85       | 54.9  | 46.8  | 70.2   |
| 99       | 60.3  | 49.5  | 74.3   |

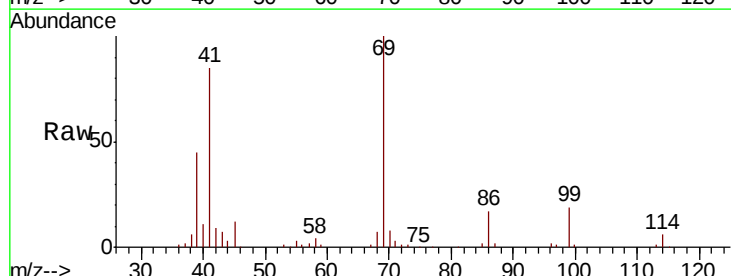


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

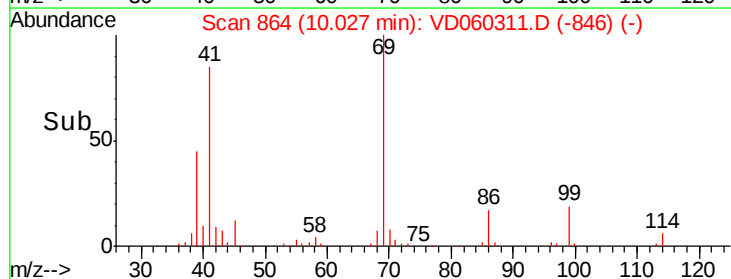
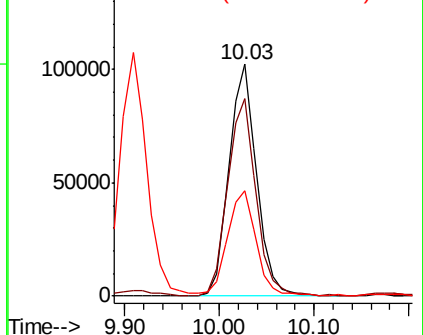


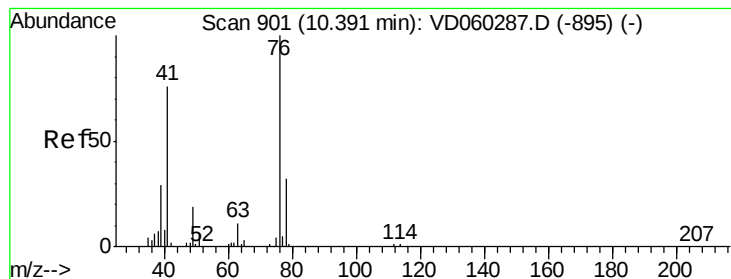
#56  
 Ethyl methacrylate  
 Concen: 23.803 ug/l  
 RT: 10.03 min Scan# 864  
 Delta R.T. -0.02 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 206136 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 85.1  | 69.0  | 103.4  |
| 39       | 45.5  | 36.6  | 54.8   |



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: 22.210 ug/l

RT: 10.37 min Scan# 899

Delta R.T. -0.02 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

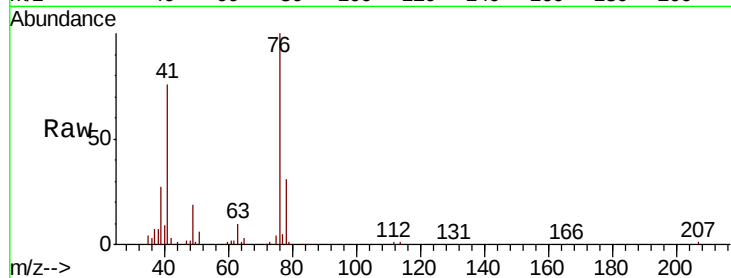
VD1109SBS01

Tgt Ion: 76 Resp: 318748

Ion Ratio Lower Upper

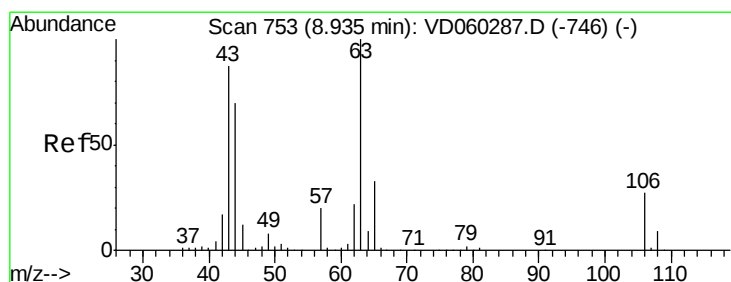
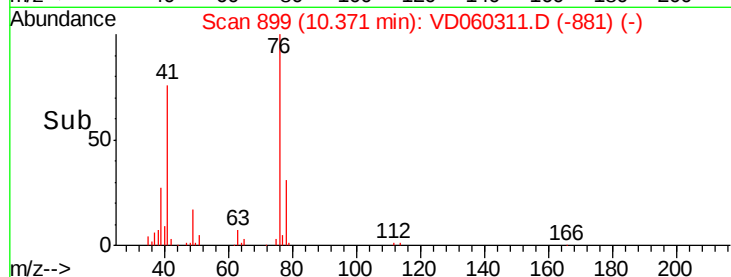
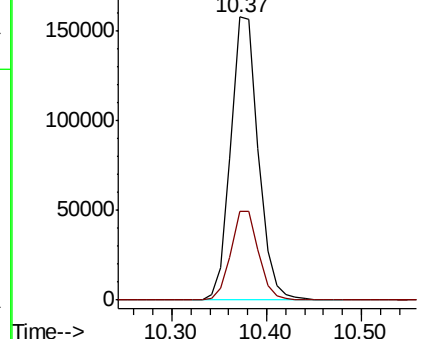
76 100

78 31.5 25.9 38.9



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: 114.954 ug/l

RT: 8.91 min Scan# 751

Delta R.T. -0.02 min

Lab File: VD060311.D

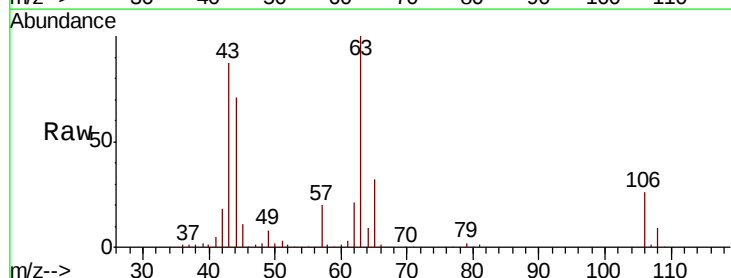
Acq: 9 Nov 2018 14:34

Tgt Ion: 63 Resp: 601926

Ion Ratio Lower Upper

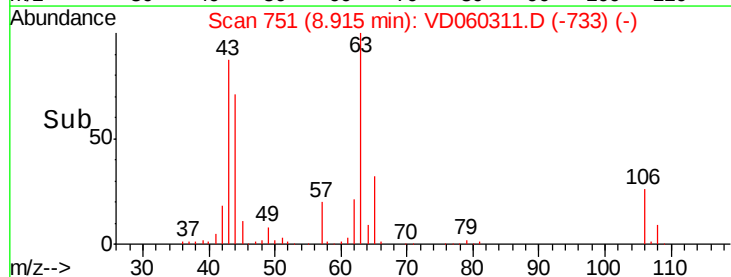
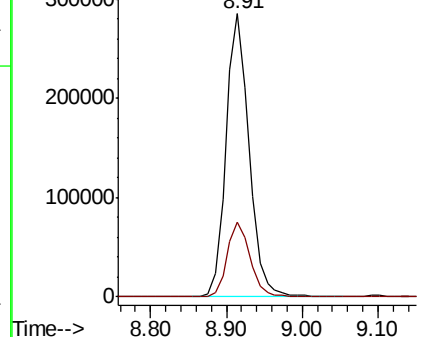
63 100

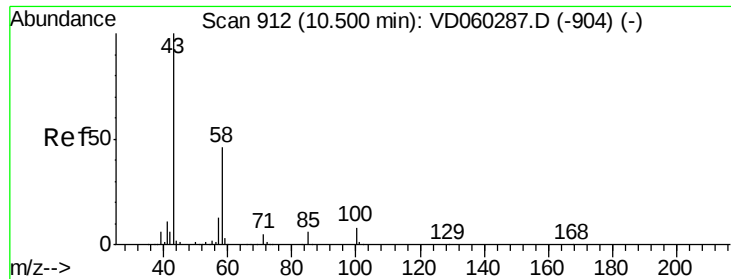
106 26.3 21.5 32.3



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

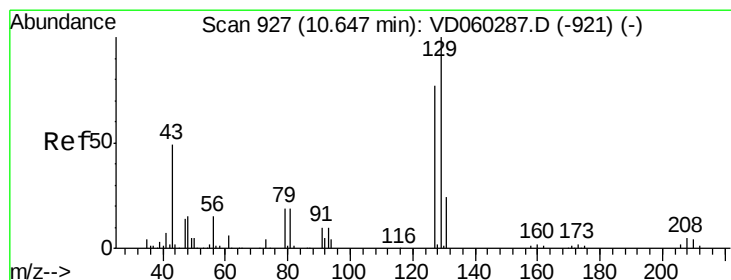
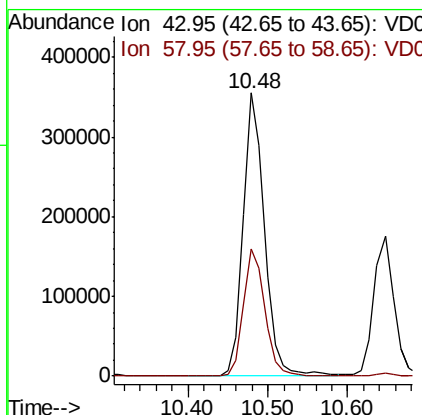
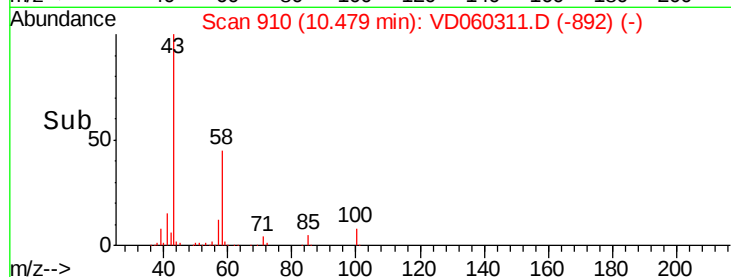
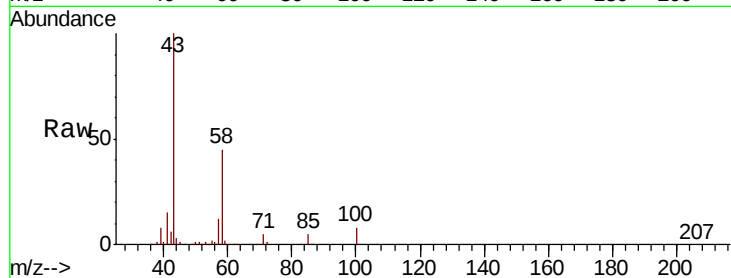




#59  
2-Hexanone  
Concen: 122.783 ug/l  
RT: 10.48 min Scan# 910  
Delta R.T. -0.02 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

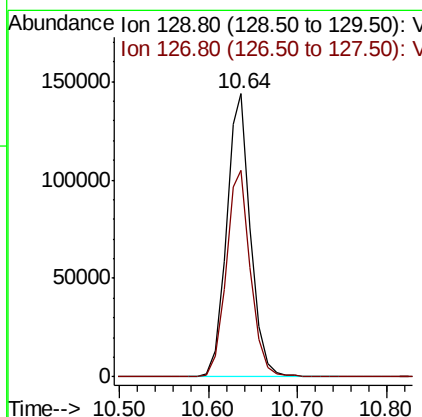
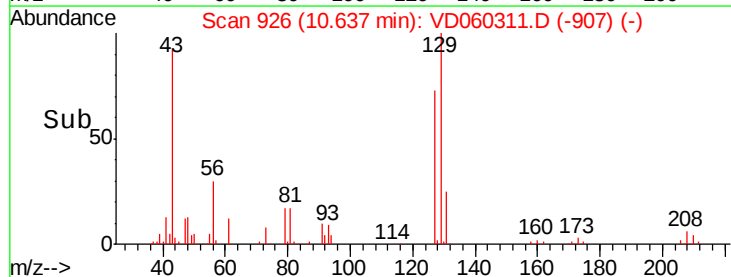
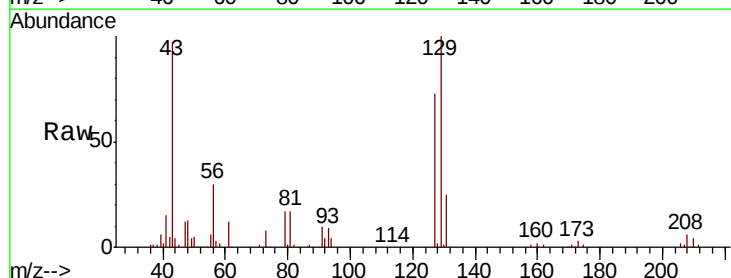
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBSD01

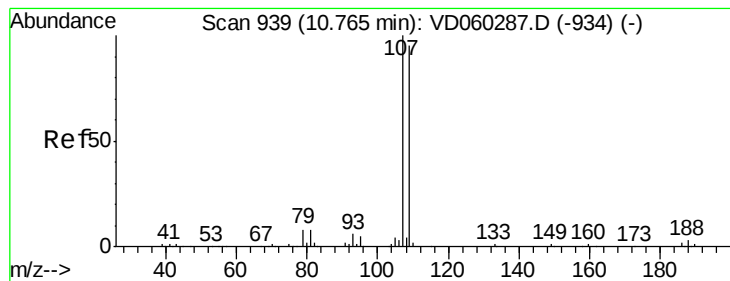
Tgt Ion: 43 Resp: 656137  
Ion Ratio Lower Upper  
43 100  
58 45.0 22.9 68.5



#60  
Dibromochloromethane  
Concen: 23.598 ug/l  
RT: 10.64 min Scan# 926  
Delta R.T. -0.01 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Tgt Ion: 129 Resp: 270180  
Ion Ratio Lower Upper  
129 100  
127 73.0 38.9 116.6





#61

1,2-Dibromoethane

Concen: 22.672 ug/l

RT: 10.75 min Scan# 938

Delta R.T. -0.01 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

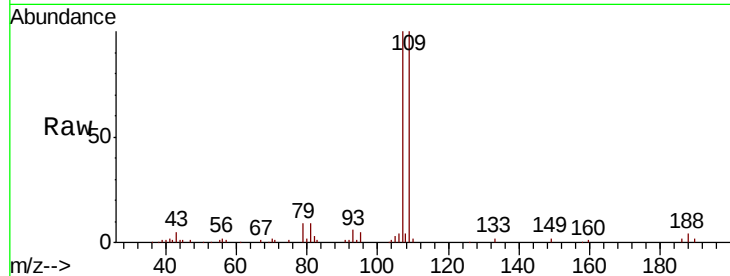
VD1109SBSD01

Tgt Ion: 107 Resp: 213955

Ion Ratio Lower Upper

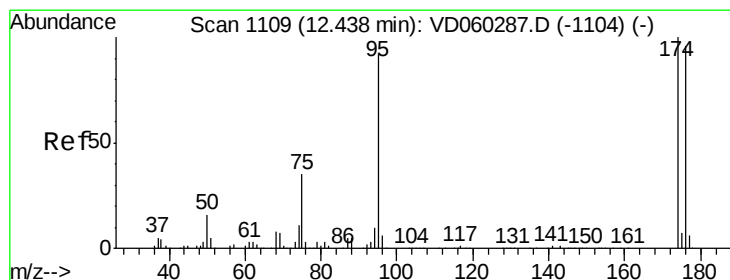
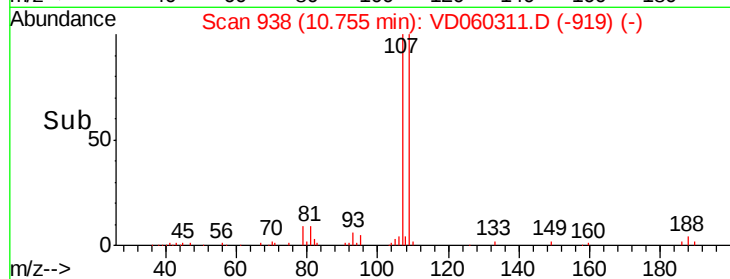
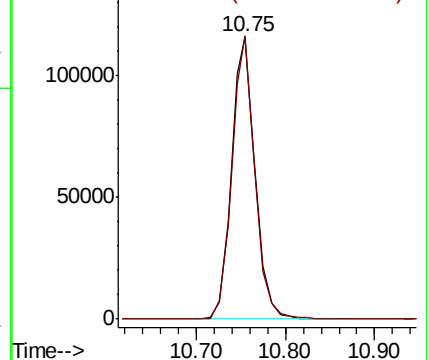
107 100

109 100.1 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 22.672 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

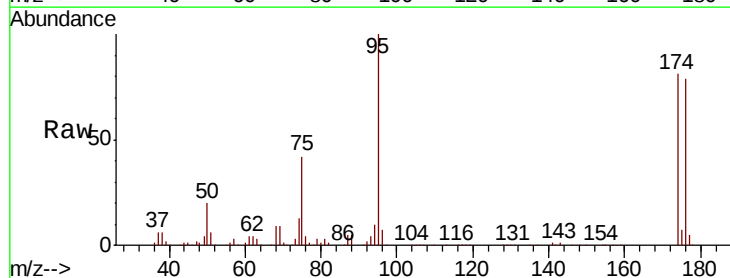
Tgt Ion: 95 Resp: 764621

Ion Ratio Lower Upper

95 100

174 81.4 0.0 160.8

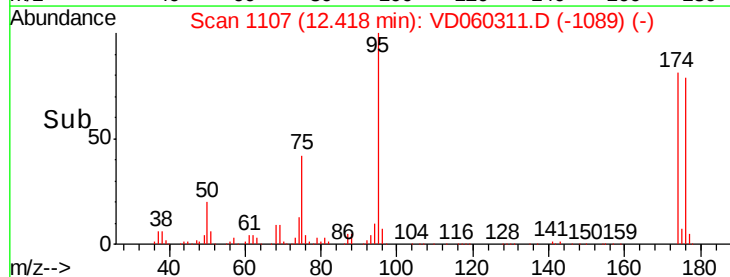
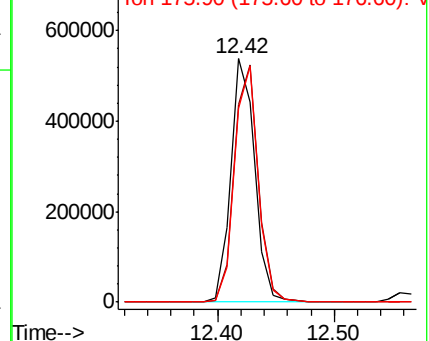
176 79.5 0.0 154.6

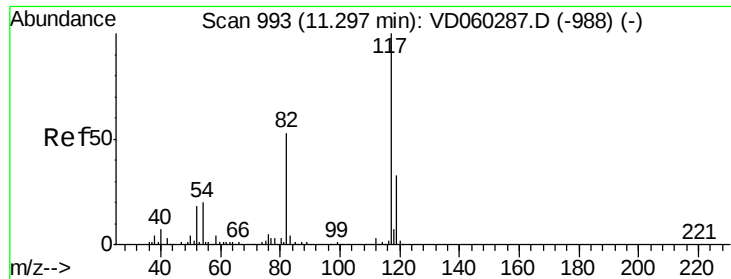


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

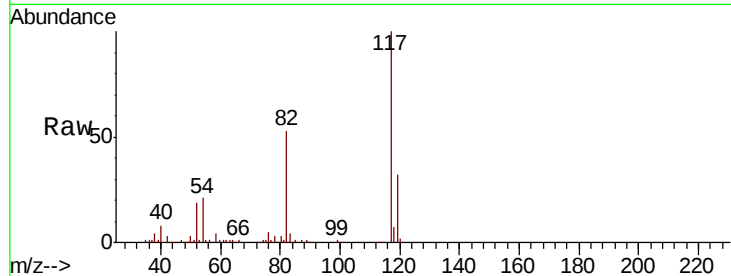




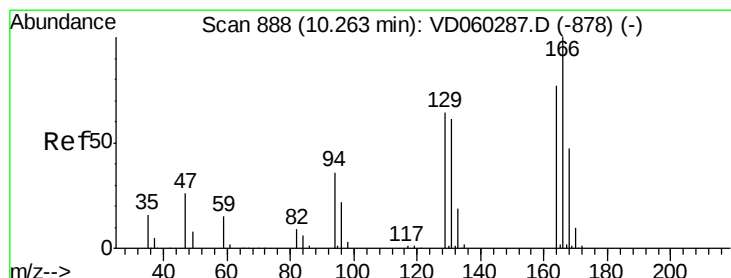
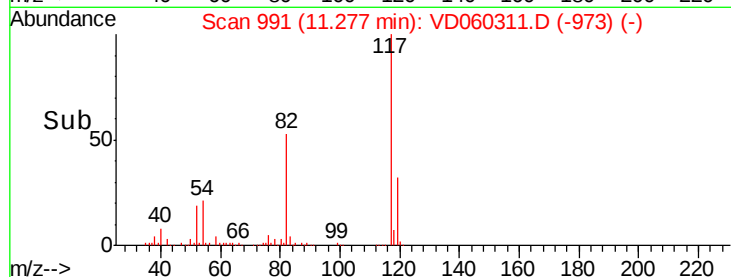
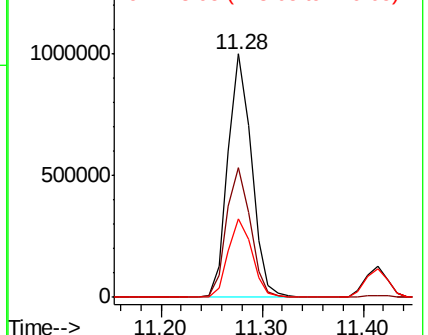
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.28 min Scan# 991  
Delta R.T. -0.02 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBSD01

Tgt Ion:117 Resp: 1623729  
Ion Ratio Lower Upper  
117 100  
82 53.1 43.7 65.5  
119 32.2 26.1 39.1

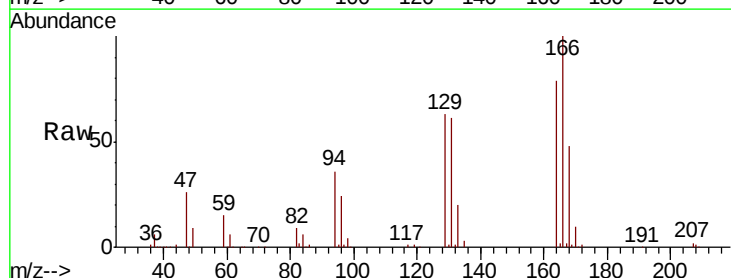


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): VD  
Ion 118.95 (118.65 to 119.65): V

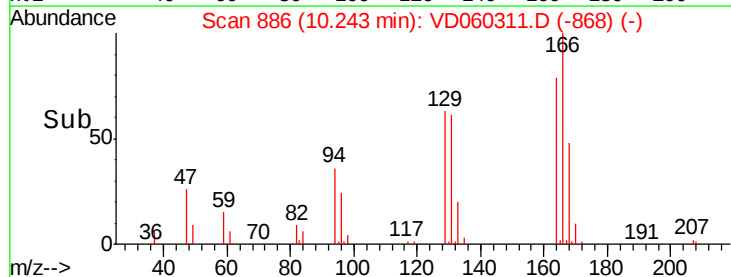
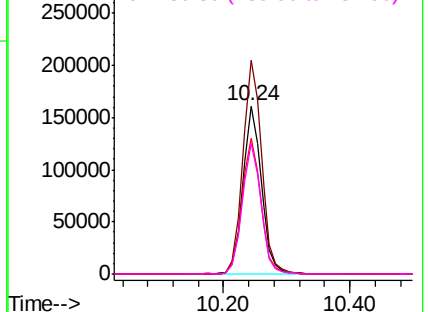


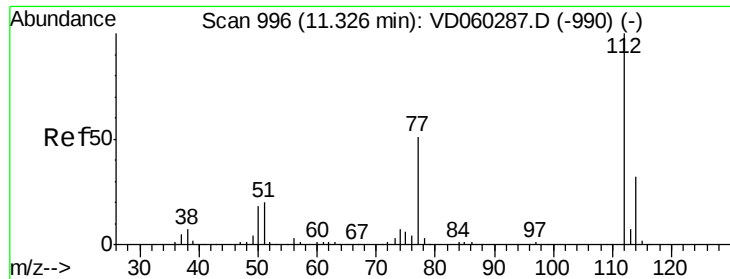
#64  
Tetrachloroethene  
Concen: 22.522 ug/l  
RT: 10.24 min Scan# 886  
Delta R.T. -0.02 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Tgt Ion:164 Resp: 326475  
Ion Ratio Lower Upper  
164 100  
166 127.0 103.7 155.5  
129 80.6 65.6 98.4  
131 77.8 64.4 96.6



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

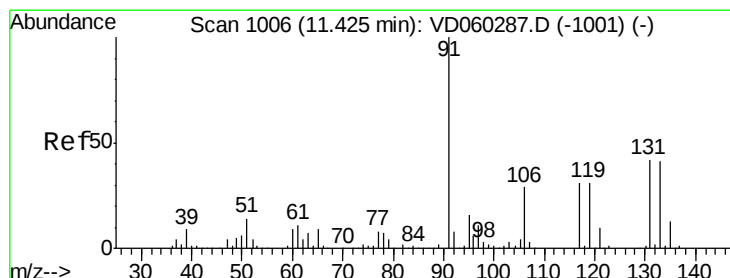
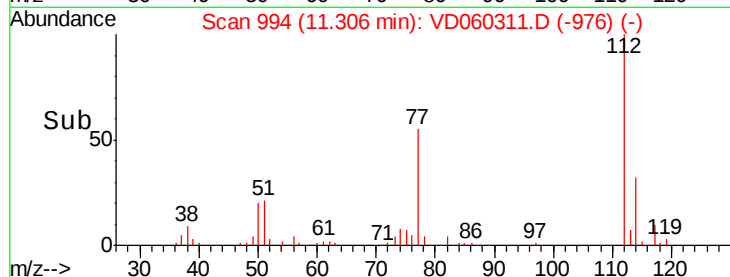
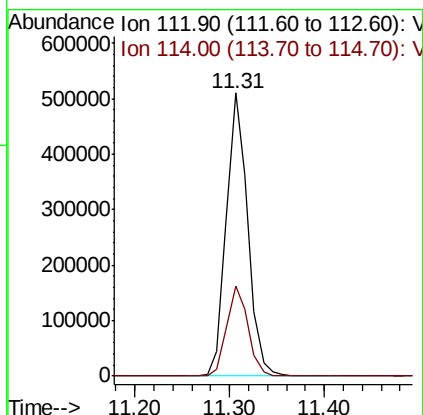
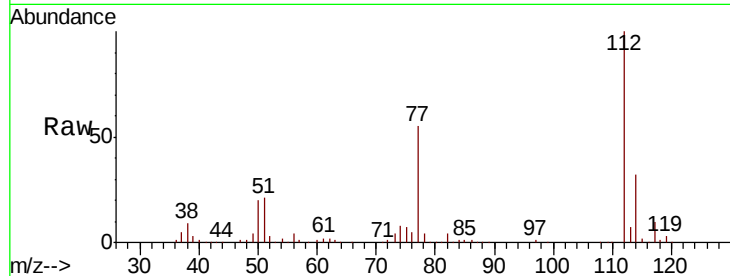




#65  
Chlorobenzene  
Concen: 22.625 ug/l  
RT: 11.31 min Scan# 994  
Delta R.T. -0.02 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

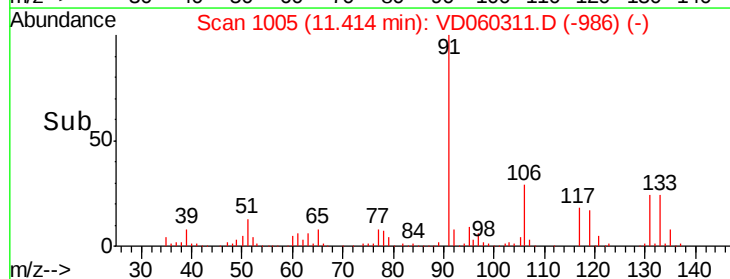
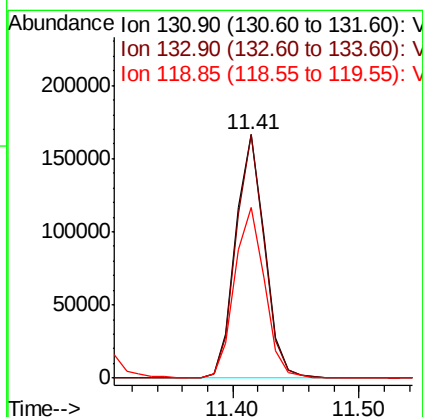
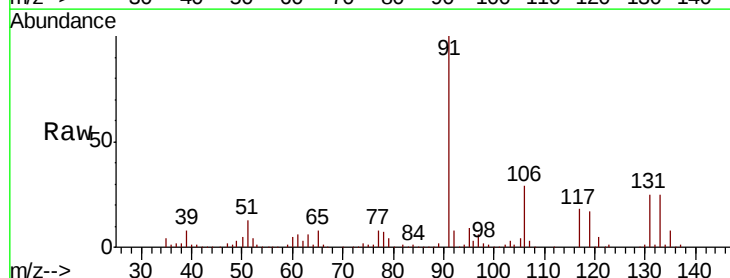
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBSD01

Tgt Ion:112 Resp: 795992  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 23.122 ug/l  
RT: 11.41 min Scan# 1005  
Delta R.T. -0.01 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Tgt Ion:131 Resp: 266159  
Ion Ratio Lower Upper  
131 100  
133 100.0 50.0 150.0  
119 69.9 37.0 111.1

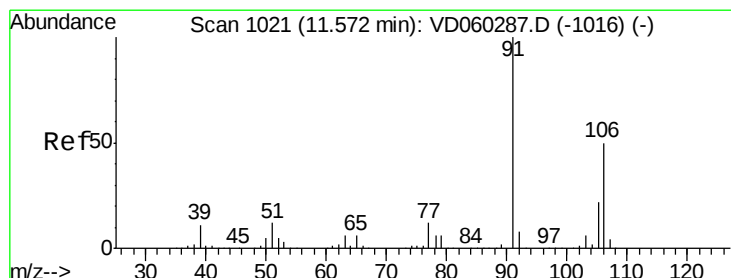
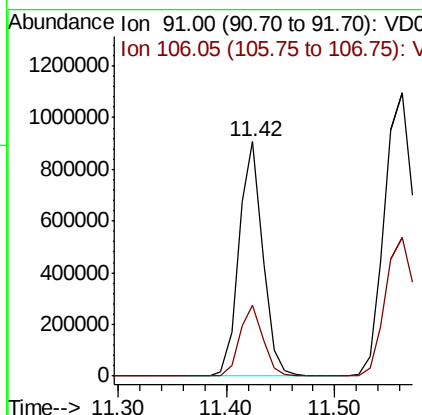
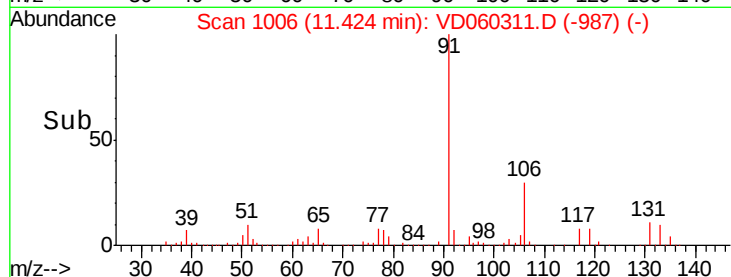
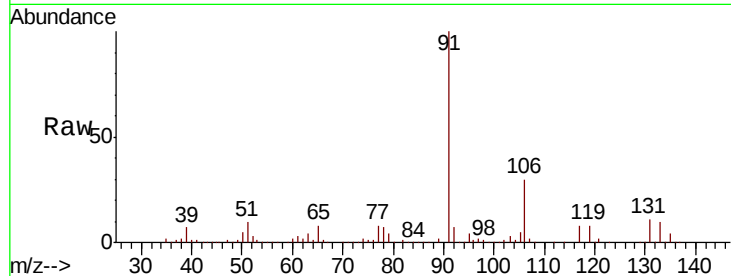




#67  
Ethyl Benzene  
Concen: 22.979 ug/l  
RT: 11.42 min Scan# 1006  
Delta R.T. -0.01 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

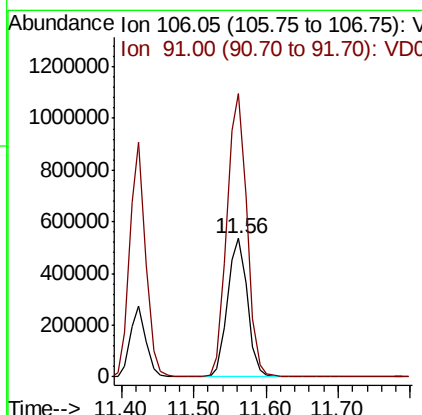
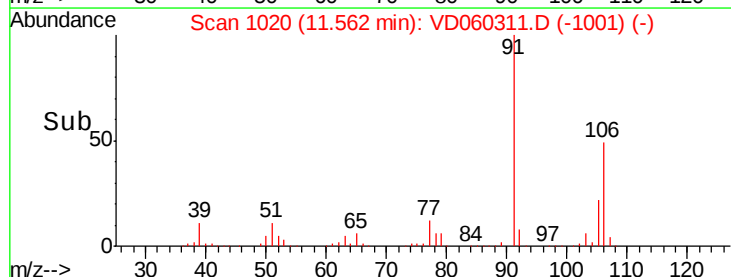
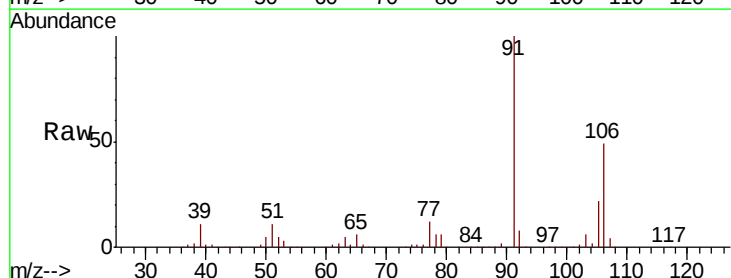
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBS01

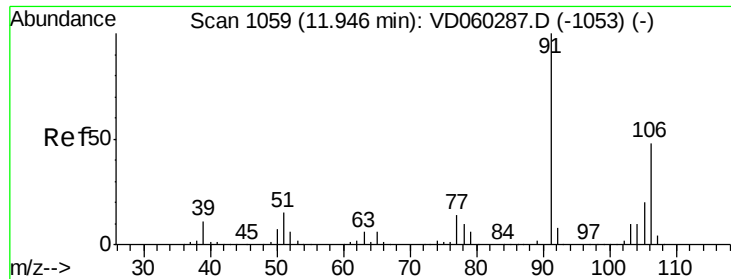
Tgt Ion: 91 Resp: 1382980  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.6 36.8



#68  
m/p-Xylenes  
Concen: 46.091 ug/l  
RT: 11.56 min Scan# 1020  
Delta R.T. -0.01 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Tgt Ion: 106 Resp: 1023239  
Ion Ratio Lower Upper  
106 100  
91 204.8 159.4 239.2

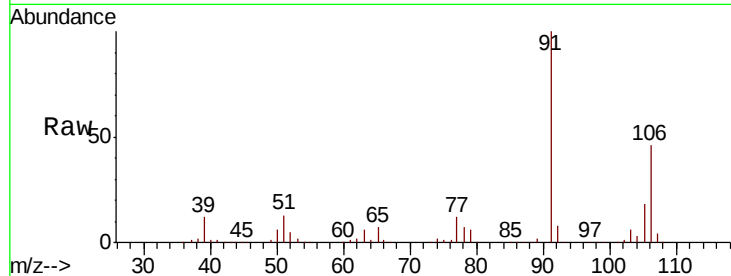




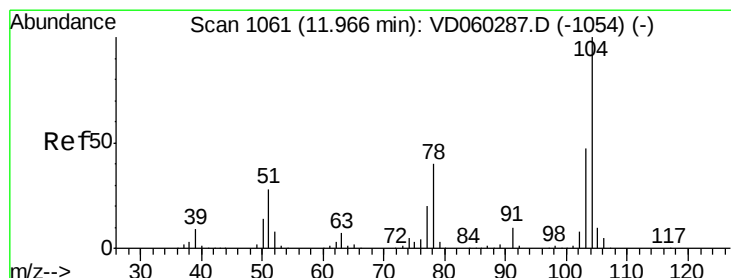
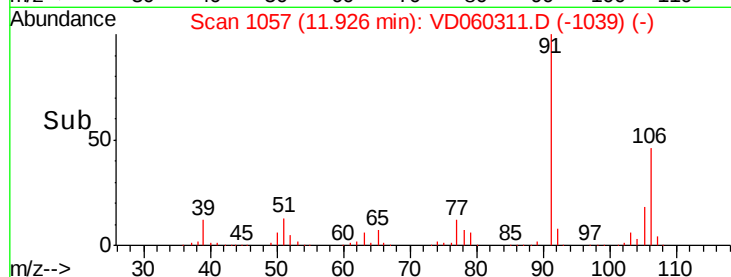
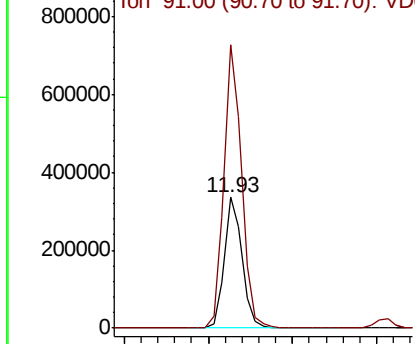
#69  
o-Xylene  
Concen: 22.846 ug/l  
RT: 11.93 min Scan# 1057  
Delta R.T. -0.02 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBSD01

Tgt Ion:106 Resp: 489996  
Ion Ratio Lower Upper  
106 100  
91 216.8 109.2 327.6

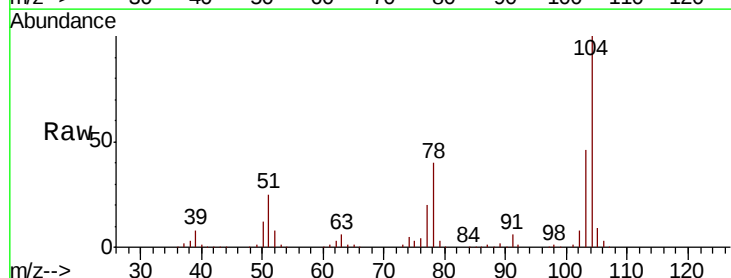


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

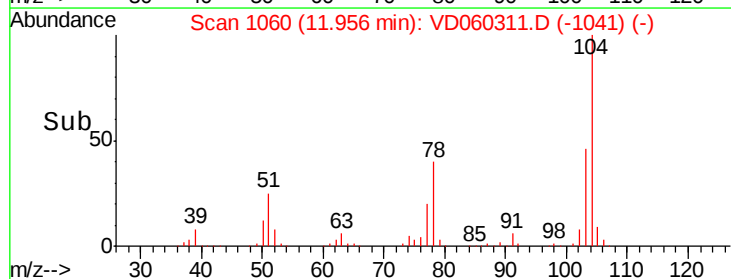
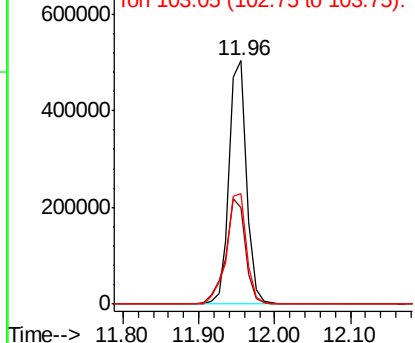


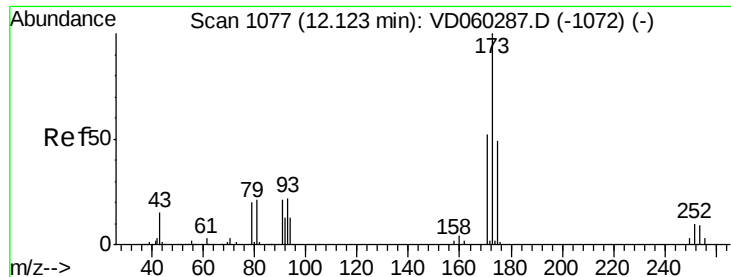
#70  
Styrene  
Concen: 23.013 ug/l  
RT: 11.96 min Scan# 1060  
Delta R.T. -0.01 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Tgt Ion:104 Resp: 797657  
Ion Ratio Lower Upper  
104 100  
78 39.7 31.6 47.4  
103 45.5 37.0 55.6



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: 22.281 ug/l

RT: 12.11 min Scan# 1076

Delta R.T. -0.01 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

VD1109SBSD01

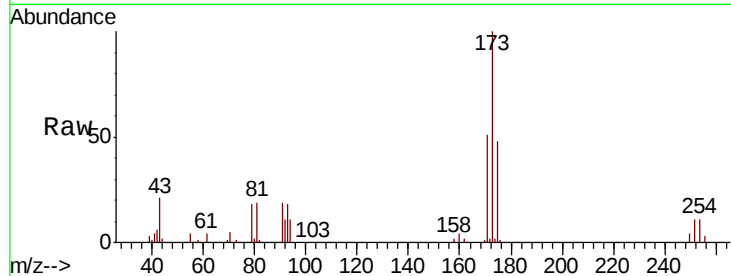
Tgt Ion:173 Resp: 172346

Ion Ratio Lower Upper

173 100

175 47.9 24.3 73.0

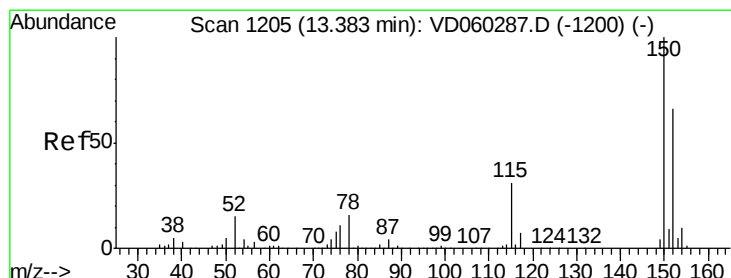
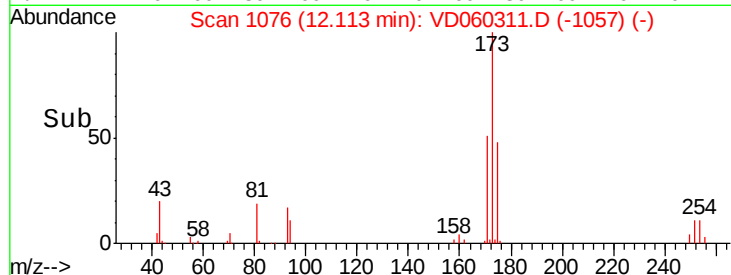
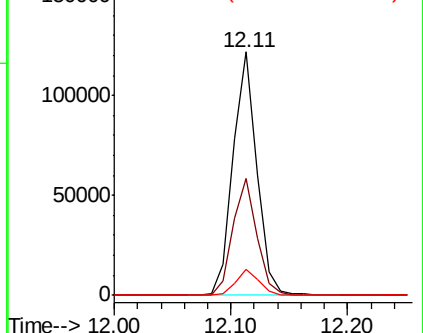
254 10.6 8.3 12.5



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: 13.37 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

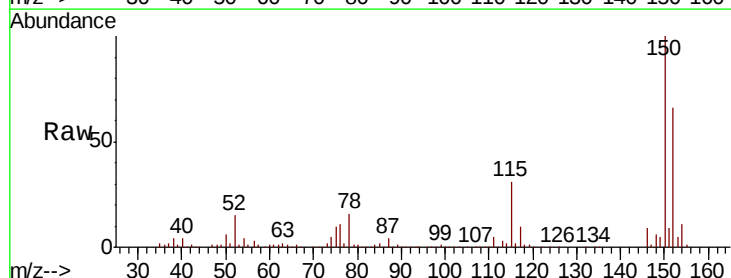
Tgt Ion:152 Resp: 850890

Ion Ratio Lower Upper

152 100

115 47.0 24.1 72.3

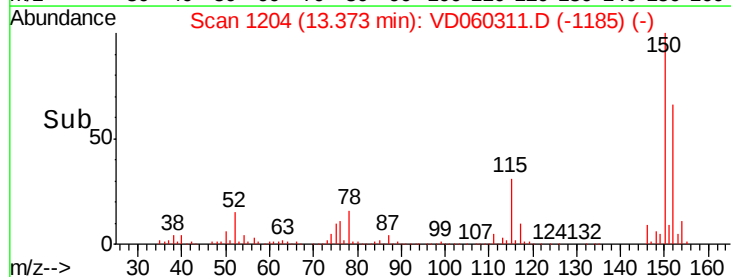
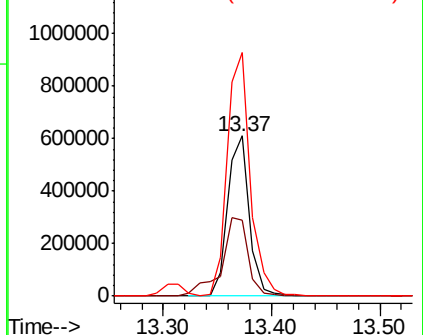
150 152.1 0.0 310.6



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: 21.572 ug/l

RT: 12.27 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

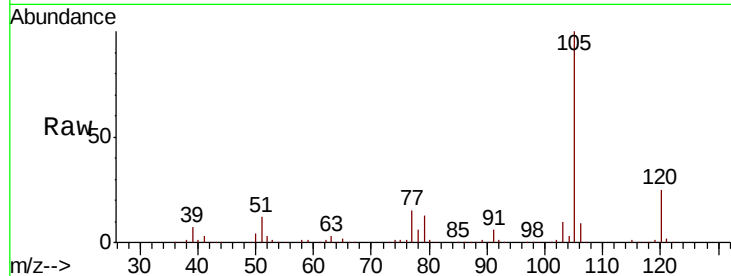
VD1109SBSD01

Tgt Ion:105 Resp: 1337350

Ion Ratio Lower Upper

105 100

120 24.7 12.1 36.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

12.27

800000

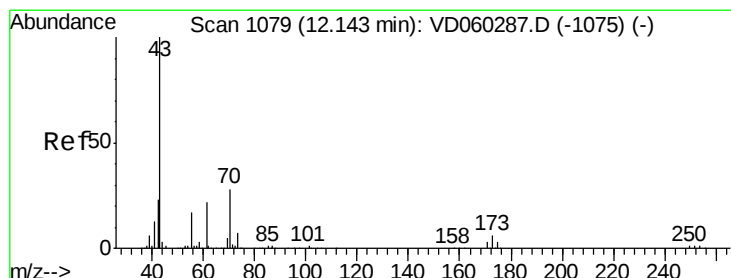
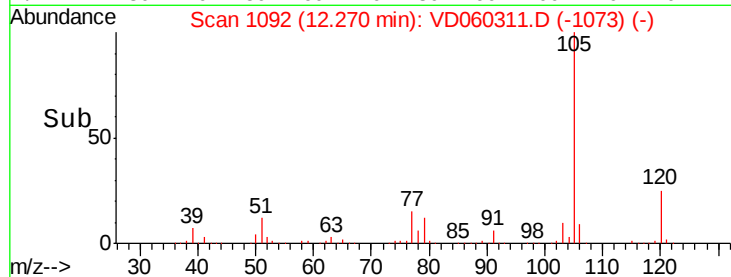
600000

400000

200000

0

Time--> 12.20 12.30 12.40



#74

N-ethyl acetate

Concen: 22.189 ug/l

RT: 12.13 min Scan# 1078

Delta R.T. -0.01 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Tgt Ion: 43 Resp: 352661

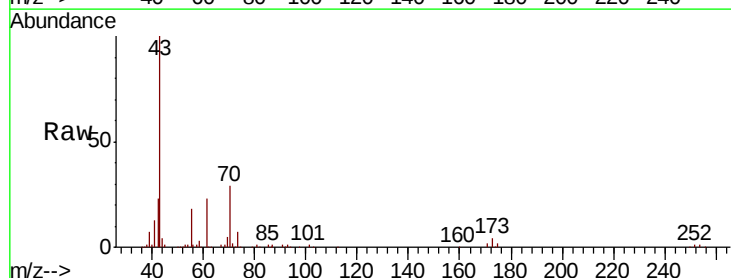
Ion Ratio Lower Upper

43 100

70 28.7 23.0 34.4

55 18.4 14.2 21.4

61 23.4 17.8 26.8



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

400000

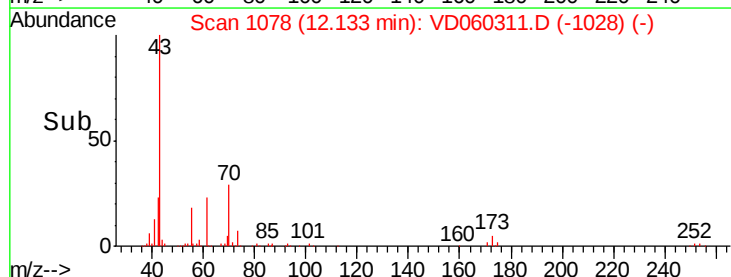
300000

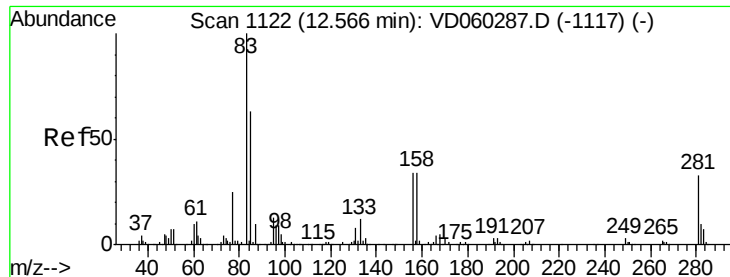
200000

100000

0

Time--> 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 22.074 ug/l

RT: 12.56 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

VD1109SBSD01

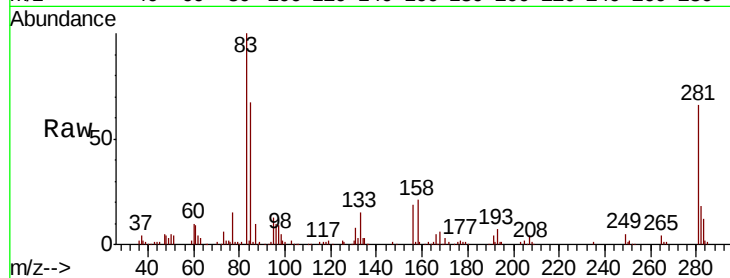
Tgt Ion: 83 Resp: 223802

Ion Ratio Lower Upper

83 100

131 8.4 3.9 11.5

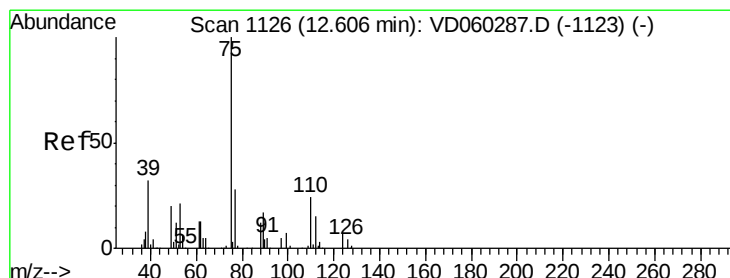
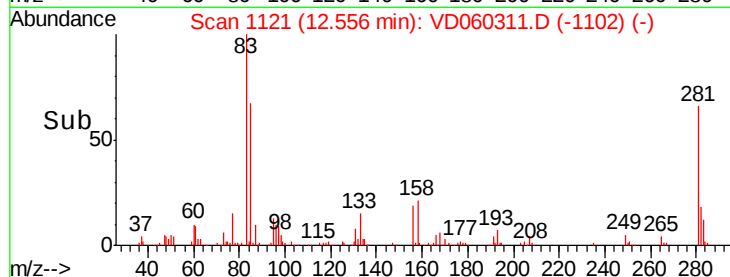
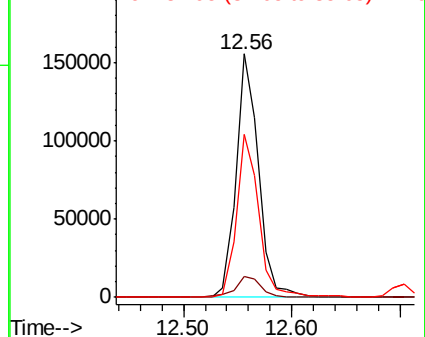
85 66.8 32.0 96.0



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 22.071 ug/l

RT: 12.60 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VD060311.D

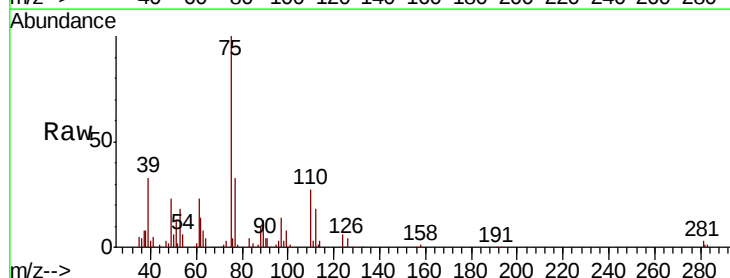
Acq: 9 Nov 2018 14:34

Tgt Ion: 75 Resp: 224655

Ion Ratio Lower Upper

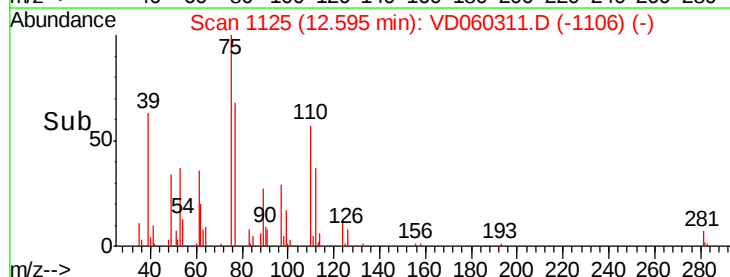
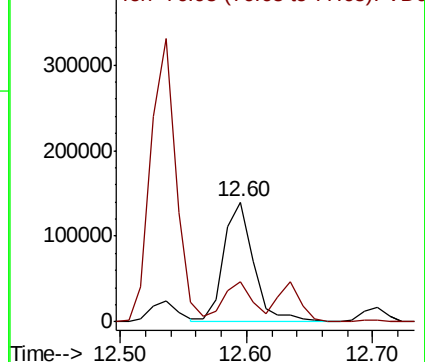
75 100

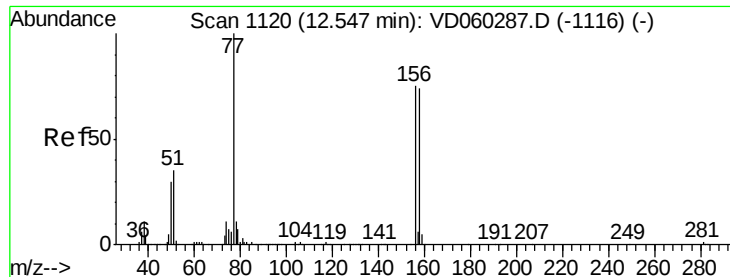
77 33.2 16.4 49.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

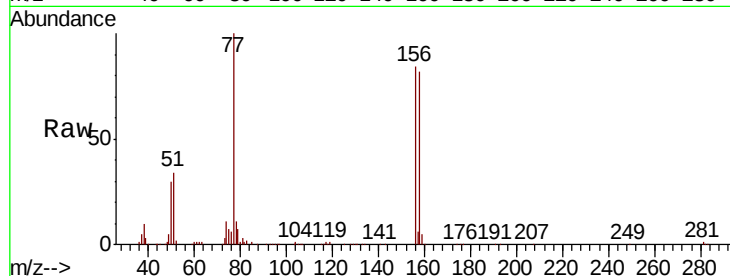




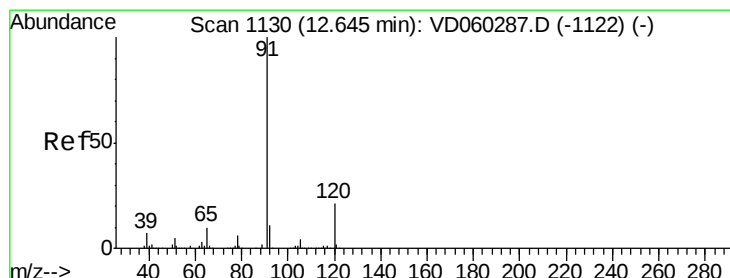
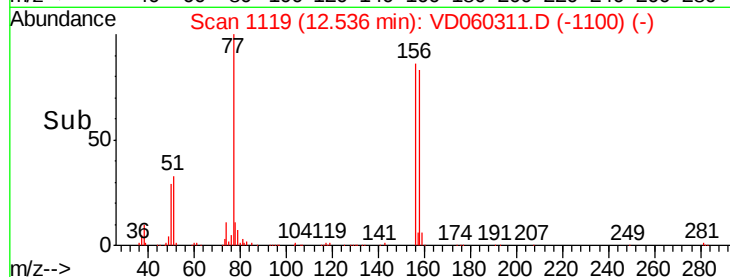
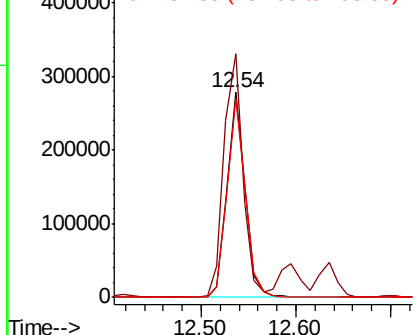
#77  
Bromobenzene  
Concen: 22.124 ug/l  
RT: 12.54 min Scan# 1119  
Delta R.T. -0.01 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBS01

Tgt Ion: 156 Resp: 364326  
Ion Ratio Lower Upper  
156 100  
77 118.7 61.2 183.6  
158 96.8 49.2 147.6

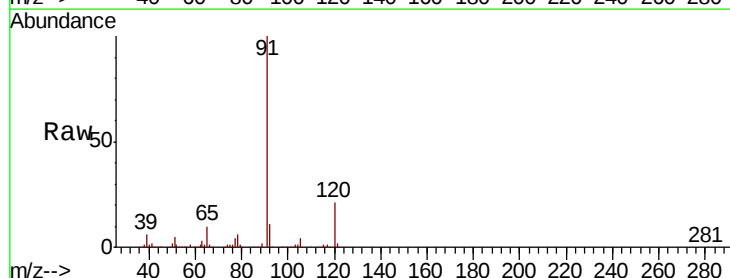


Abundance Ion 155.90 (155.60 to 156.60): V  
Ion 76.95 (76.65 to 77.65): V  
Ion 157.85 (157.55 to 158.55): V

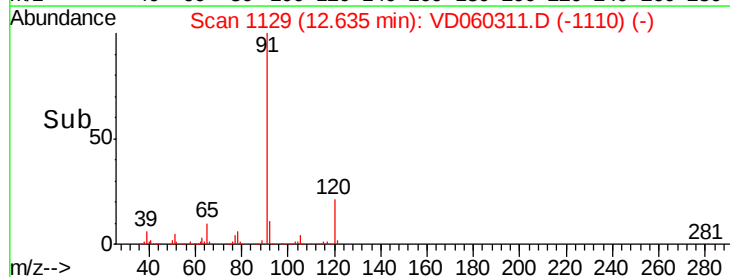
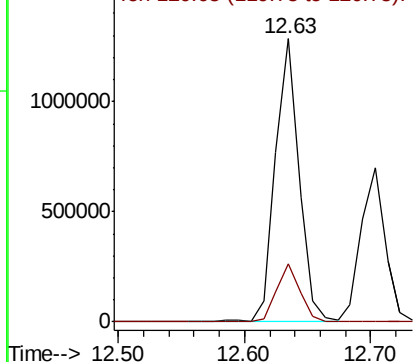


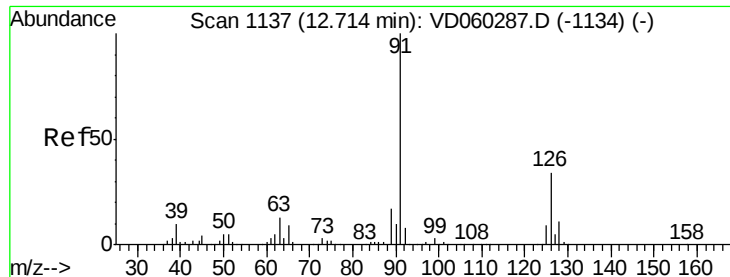
#78  
n-propylbenzene  
Concen: 21.890 ug/l  
RT: 12.63 min Scan# 1129  
Delta R.T. -0.01 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Tgt Ion: 91 Resp: 1693846  
Ion Ratio Lower Upper  
91 100  
120 20.6 10.4 31.4



Abundance Ion 91.00 (90.70 to 91.70): V  
Ion 120.05 (119.75 to 120.75): V

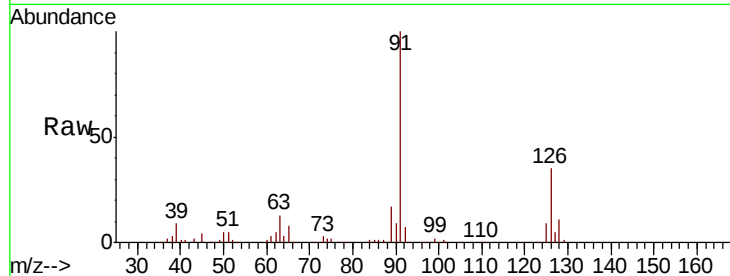




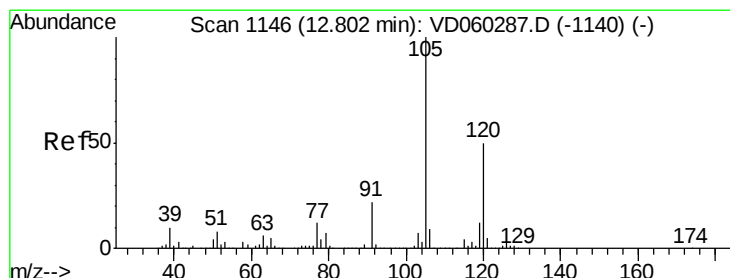
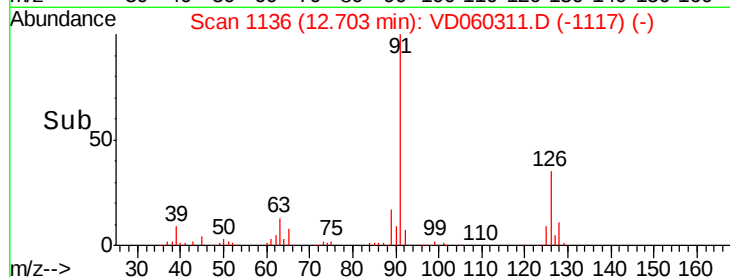
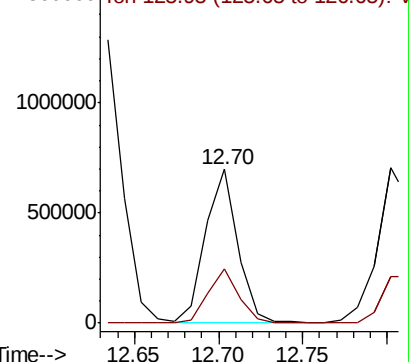
#79  
 2-Chlorotoluene  
 Concen: 21.983 ug/l  
 RT: 12.70 min Scan# 1136  
 Delta R.T. -0.01 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1109SBS01

Tgt Ion: 91 Resp: 931652  
 Ion Ratio Lower Upper  
 91 100  
 126 35.2 17.4 52.2

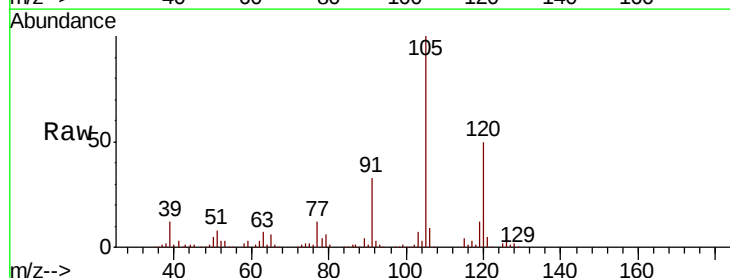


Abundance Ion 91.00 (90.70 to 91.70): VD060311.D (-1117) (-)  
 Ion 125.95 (125.65 to 126.65): VD060311.D (-1117) (-)

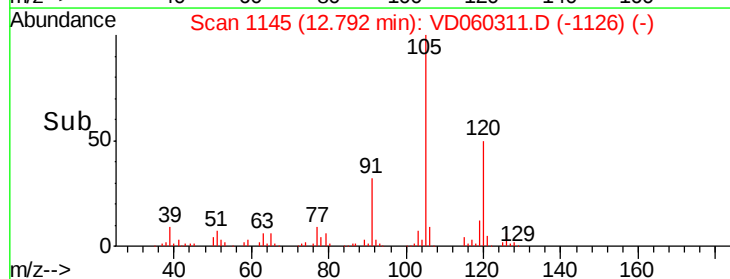
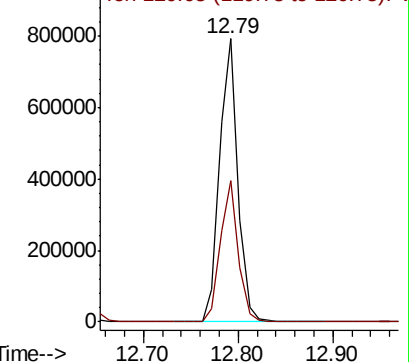


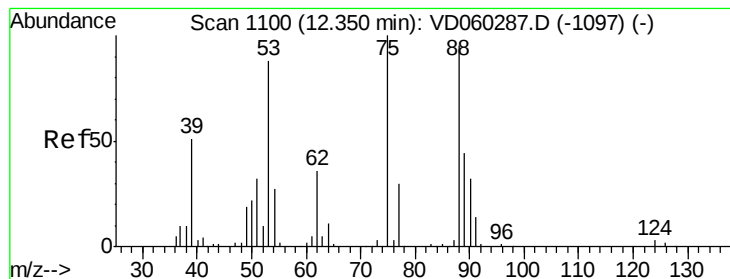
#80  
 1,3,5-Trimethylbenzene  
 Concen: 21.870 ug/l  
 RT: 12.79 min Scan# 1145  
 Delta R.T. -0.01 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Tgt Ion: 105 Resp: 1053679  
 Ion Ratio Lower Upper  
 105 100  
 120 49.8 24.4 73.4



Abundance Ion 105.05 (104.75 to 105.75): VD060311.D (-1126) (-)  
 Ion 120.05 (119.75 to 120.75): VD060311.D (-1126) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.767 ug/l

RT: 12.34 min Scan# 1099

Delta R.T. -0.01 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

VD1109SBSD01

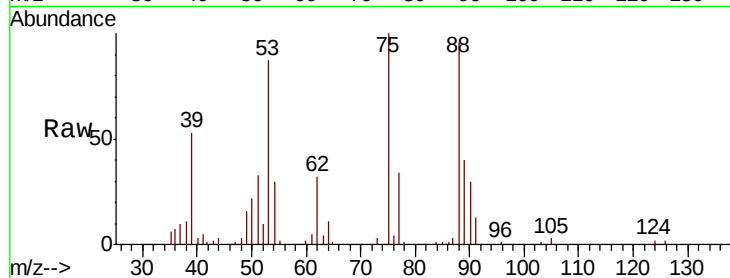
Tgt Ion: 75 Resp: 63076

Ion Ratio Lower Upper

75 100

53 87.2 68.6 103.0

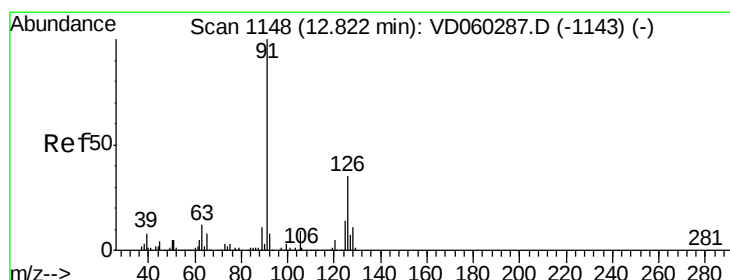
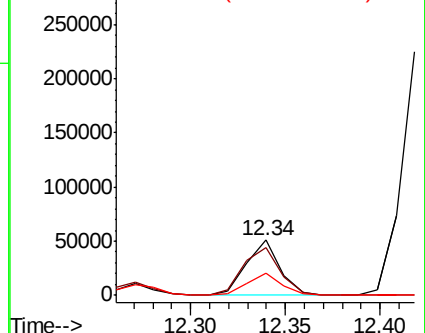
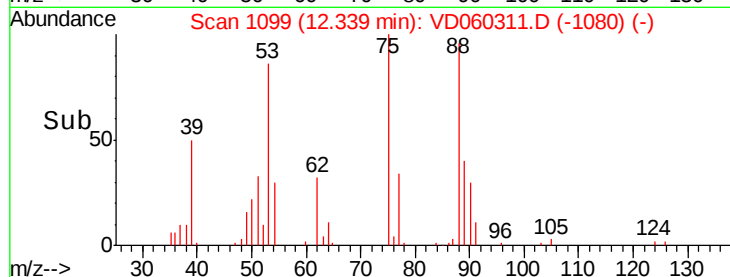
89 40.5 34.1 51.1



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: 22.300 ug/l

RT: 12.80 min Scan# 1146

Delta R.T. -0.02 min

Lab File: VD060311.D

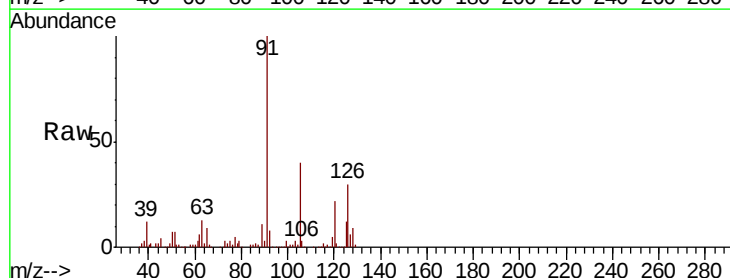
Acq: 9 Nov 2018 14:34

Tgt Ion: 91 Resp: 1061644

Ion Ratio Lower Upper

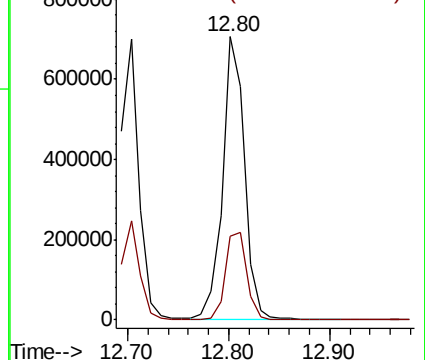
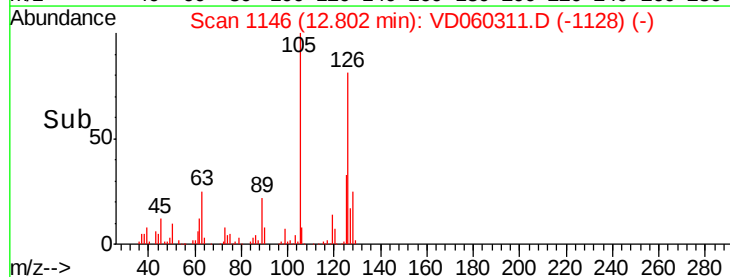
91 100

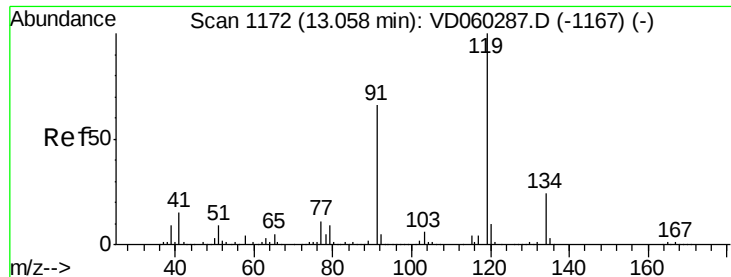
126 29.6 14.8 44.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

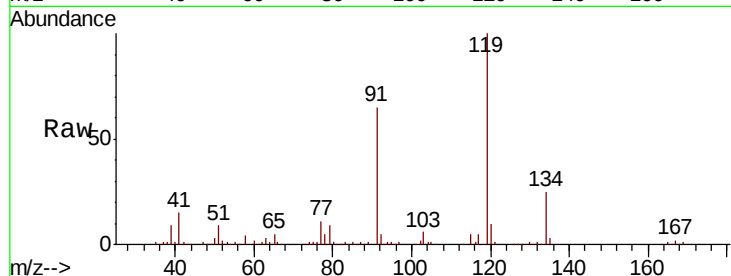




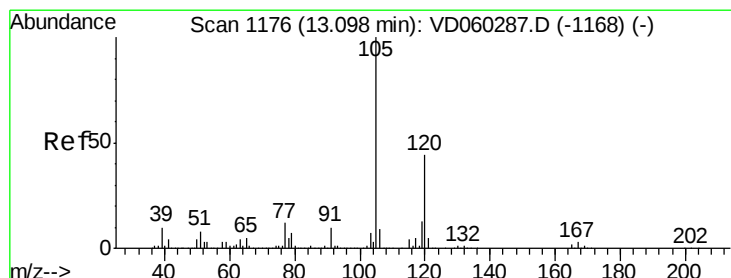
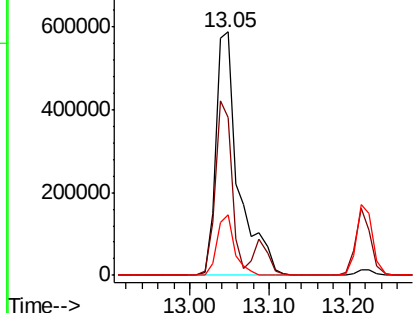
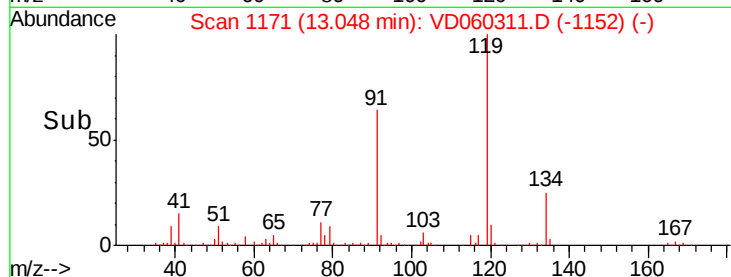
#83  
 tert-Butylbenzene  
 Concen: 22.086 ug/l  
 RT: 13.05 min Scan# 1171  
 Delta R.T. -0.01 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1109SBSD01

Tgt Ion:119 Resp: 1181372  
 Ion Ratio Lower Upper  
 119 100  
 91 64.9 32.7 98.1  
 134 25.0 12.1 36.3

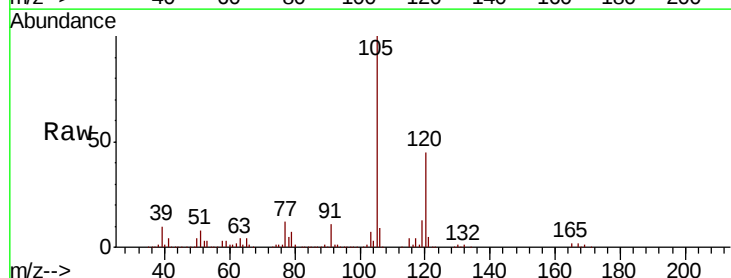


Abundance Ion 119.05 (118.75 to 119.75): V  
 Ion 91.00 (90.70 to 91.70): VD  
 Ion 134.00 (133.70 to 134.70): V

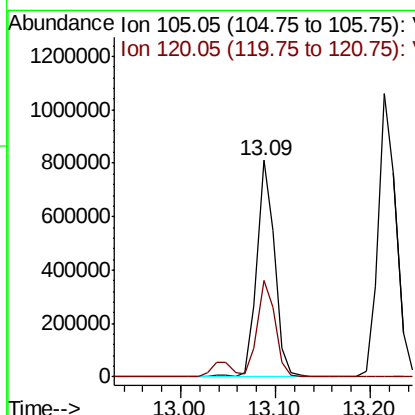
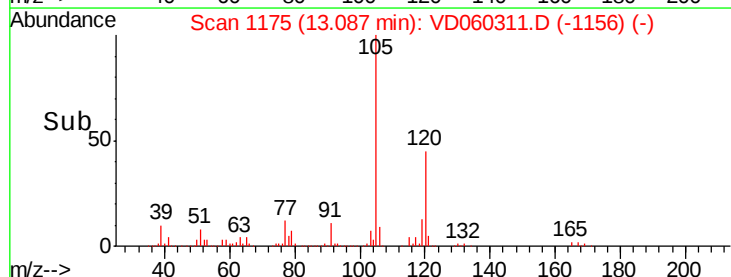


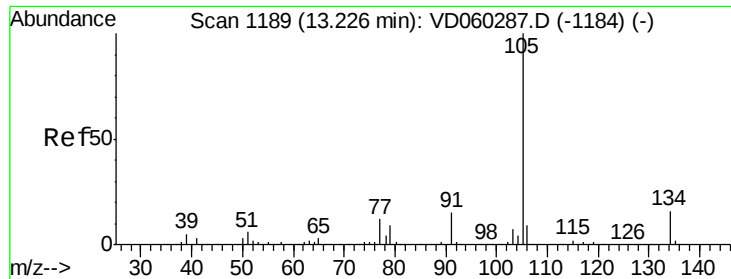
#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.901 ug/l  
 RT: 13.09 min Scan# 1175  
 Delta R.T. -0.01 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Tgt Ion:105 Resp: 1053779  
 Ion Ratio Lower Upper  
 105 100  
 120 44.5 21.9 65.8



Abundance Ion 105.05 (104.75 to 105.75): V  
 Ion 120.05 (119.75 to 120.75): V

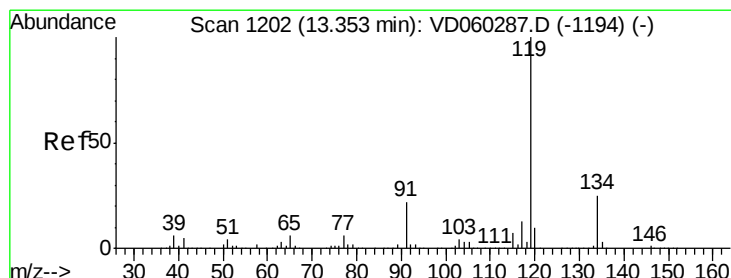
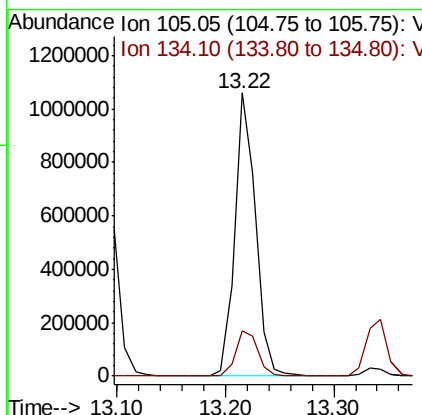
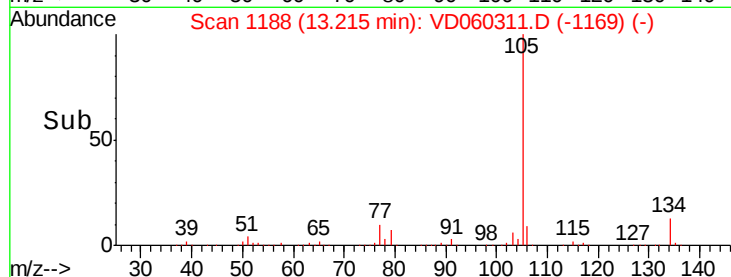
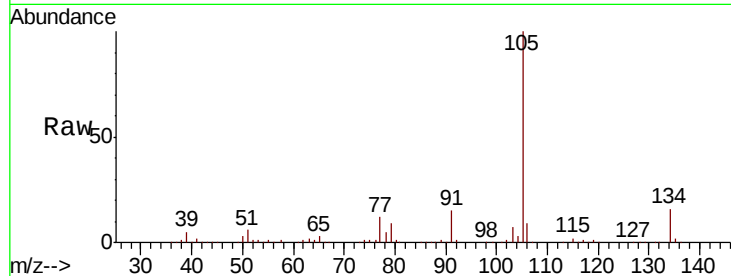




#85  
 sec-Butylbenzene  
 Concen: 21.523 ug/l  
 RT: 13.22 min Scan# 1188  
 Delta R.T. -0.01 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

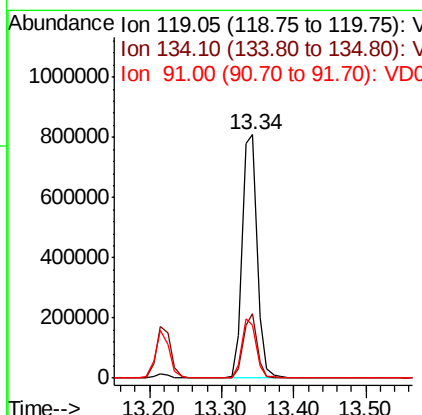
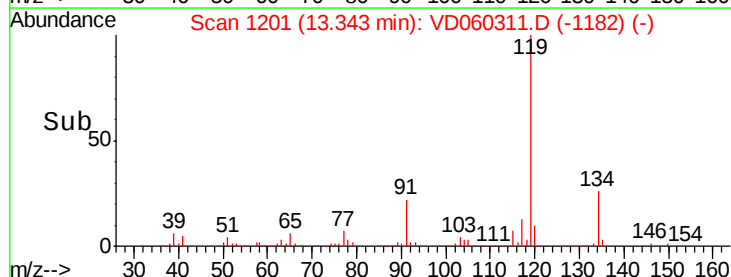
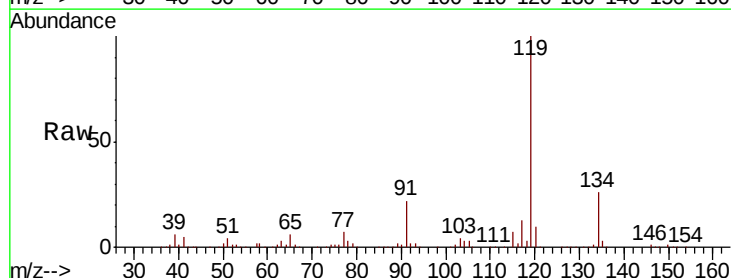
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1109SBSD01

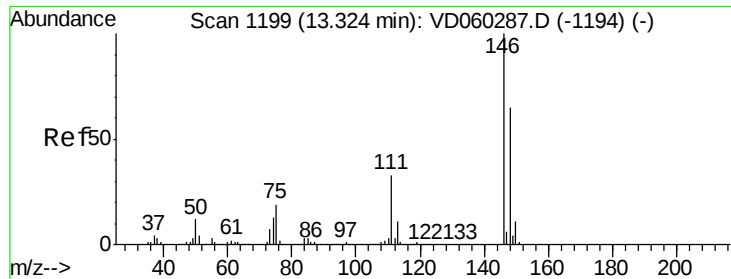
Tgt Ion:105 Resp: 1412410  
 Ion Ratio Lower Upper  
 105 100  
 134 16.2 8.0 24.0



#86  
 p-Isopropyltoluene  
 Concen: 22.237 ug/l  
 RT: 13.34 min Scan# 1201  
 Delta R.T. -0.01 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Tgt Ion:119 Resp: 1175157  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 12.9 38.6  
 91 21.9 11.3 33.8

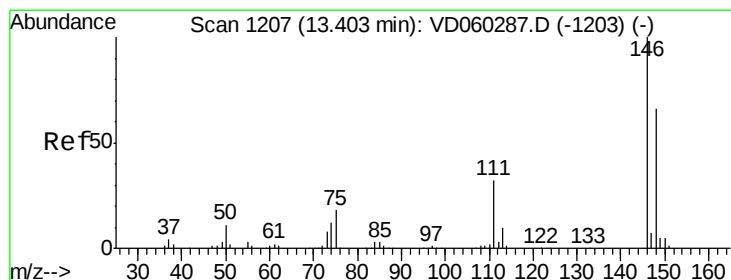
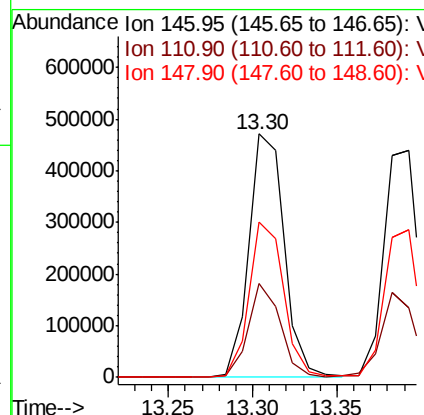
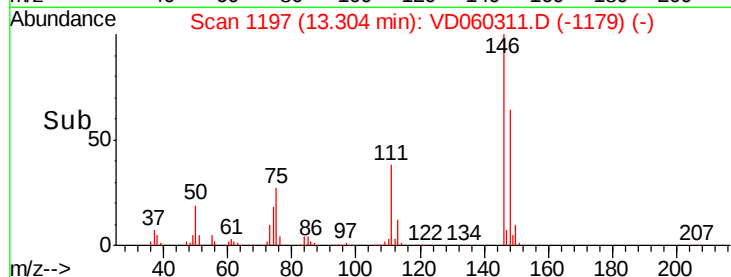
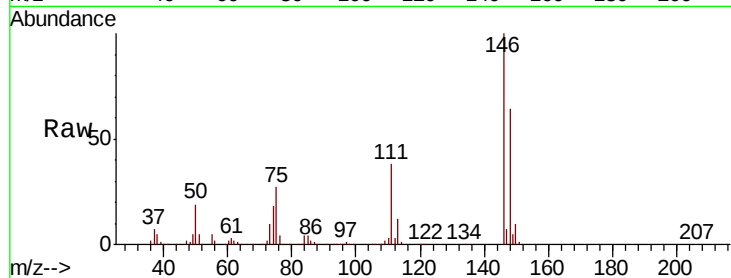




#87  
 1,3-Dichlorobenzene  
 Concen: 23.394 ug/l  
 RT: 13.30 min Scan# 1197  
 Delta R.T. -0.02 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

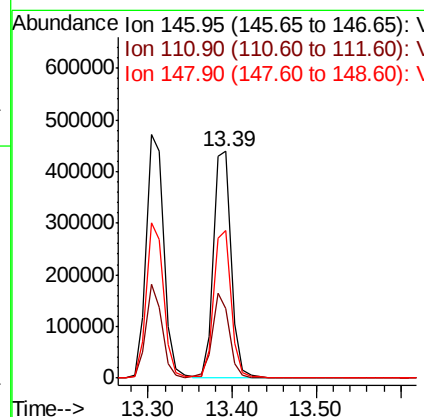
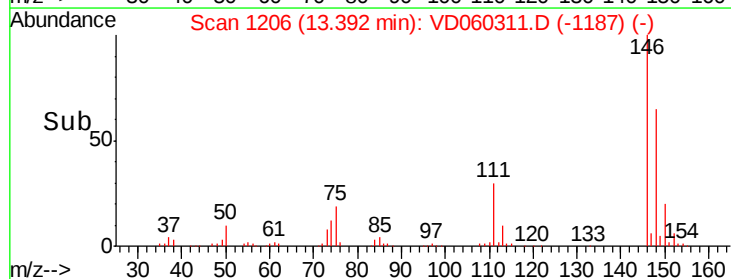
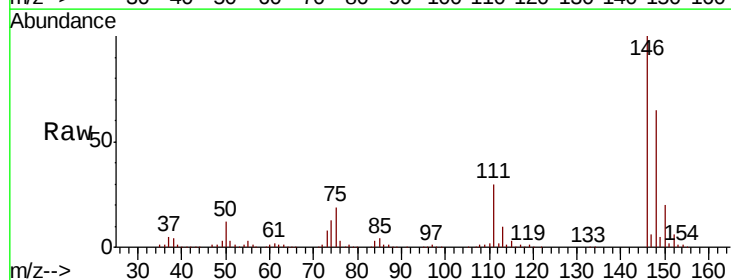
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1109SBSD01

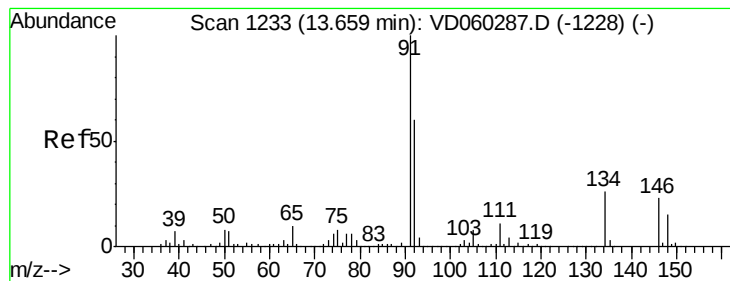
Tgt Ion:146 Resp: 685377  
 Ion Ratio Lower Upper  
 146 100  
 111 38.3 20.2 60.5  
 148 63.7 32.0 96.0



#88  
 1,4-Dichlorobenzene  
 Concen: 22.501 ug/l  
 RT: 13.39 min Scan# 1206  
 Delta R.T. -0.01 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Tgt Ion:146 Resp: 643819  
 Ion Ratio Lower Upper  
 146 100  
 111 30.5 16.0 47.9  
 148 65.1 32.9 98.7





#89

n-Butylbenzene

Concen: 20.972 ug/l

RT: 13.65 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

VD1109SBS01

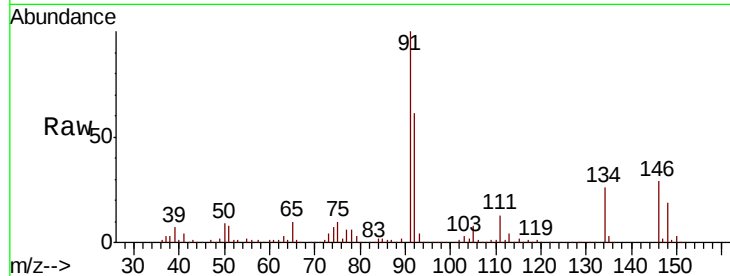
Tgt Ion: 91 Resp: 1212752

Ion Ratio Lower Upper

91 100

92 60.8 30.3 90.9

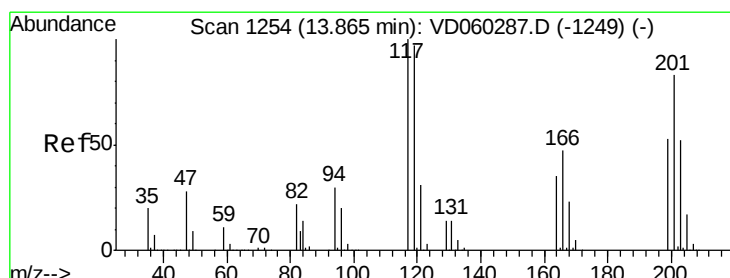
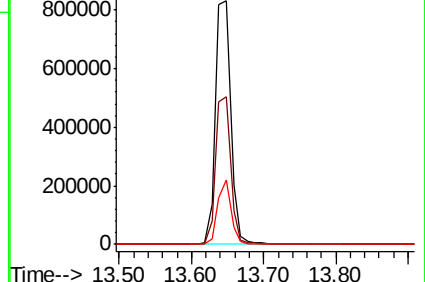
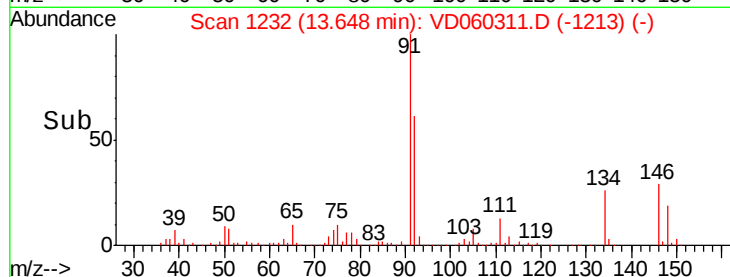
134 26.3 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 21.718 ug/l

RT: 13.85 min Scan# 1253

Delta R.T. -0.01 min

Lab File: VD060311.D

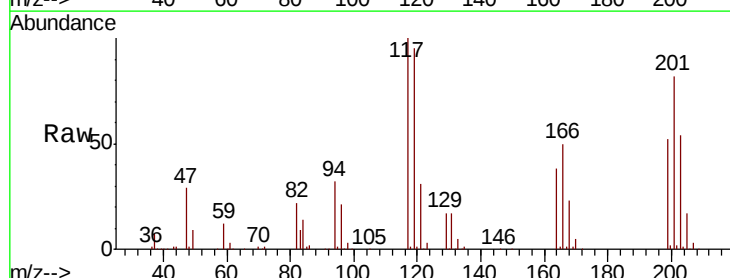
Acq: 9 Nov 2018 14:34

Tgt Ion: 117 Resp: 272152

Ion Ratio Lower Upper

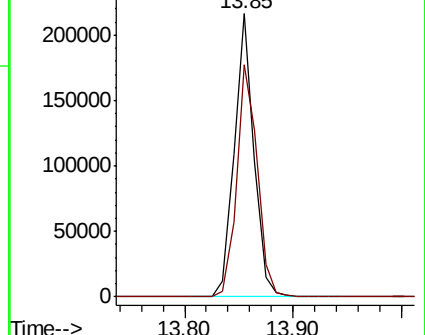
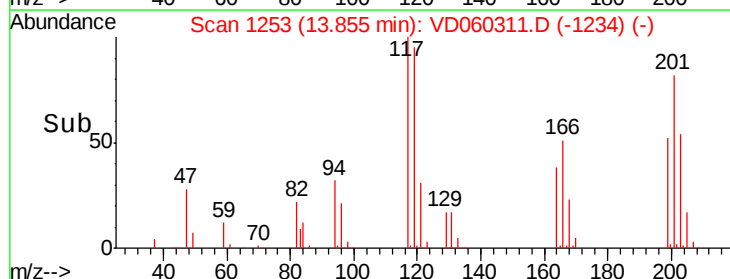
117 100

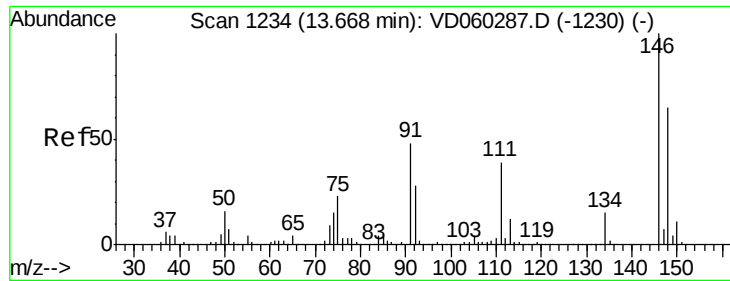
201 82.0 40.1 120.3



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC





#91

1,2-Dichlorobenzene

Concen: 23.580 ug/l

RT: 13.66 min Scan# 1233

Delta R.T. -0.01 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

Instrument :

MSVOA\_D

ClientSampleId :

VD1109SBSD01

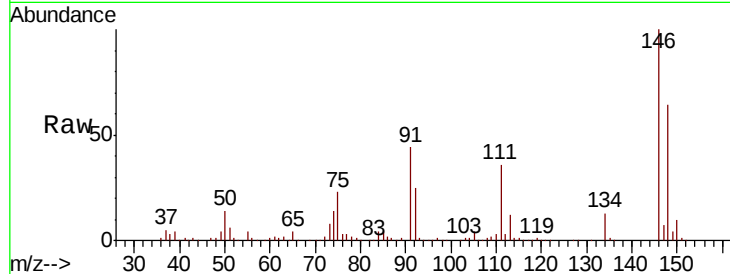
Tgt Ion: 146 Resp: 567433

Ion Ratio Lower Upper

146 100

111 36.3 18.9 56.9

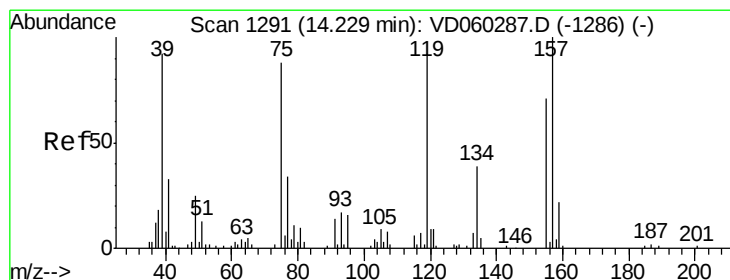
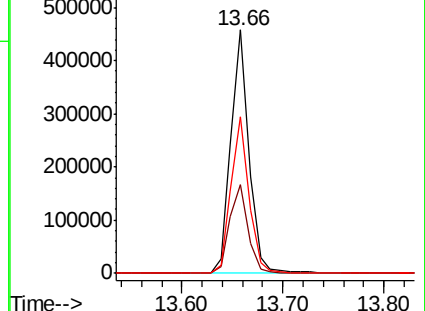
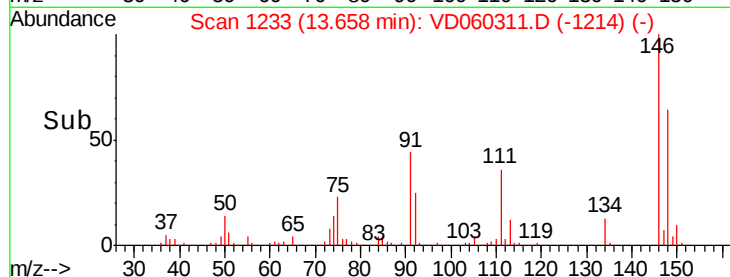
148 64.3 31.6 94.8



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: 22.317 ug/l

RT: 14.22 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VD060311.D

Acq: 9 Nov 2018 14:34

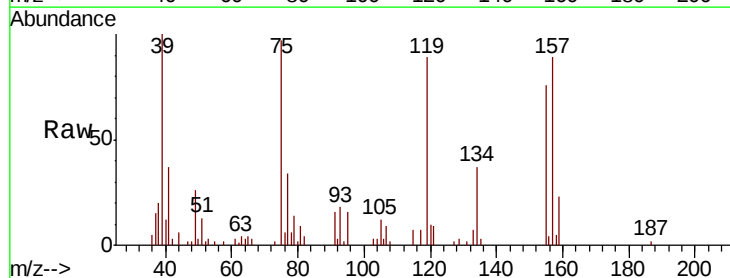
Tgt Ion: 75 Resp: 27313

Ion Ratio Lower Upper

75 100

155 78.2 64.3 192.9

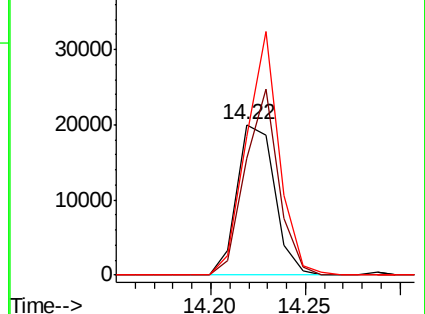
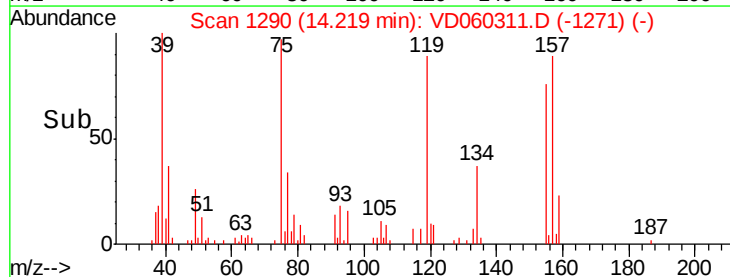
157 92.6 81.0 243.1

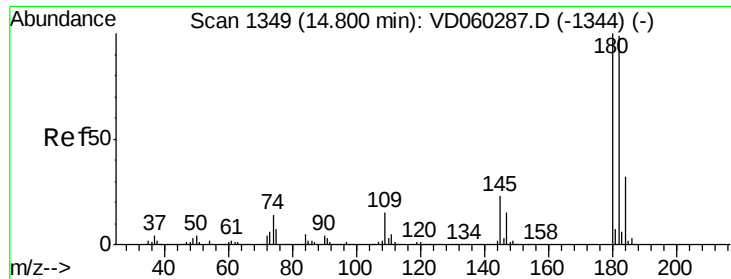


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

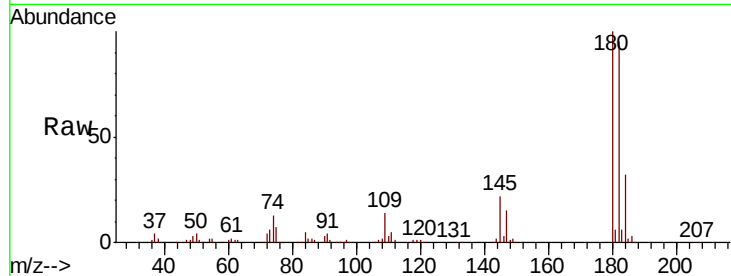




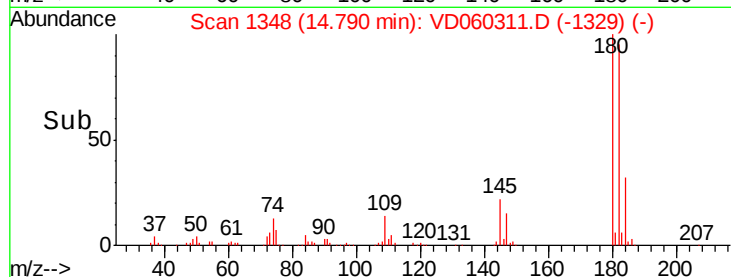
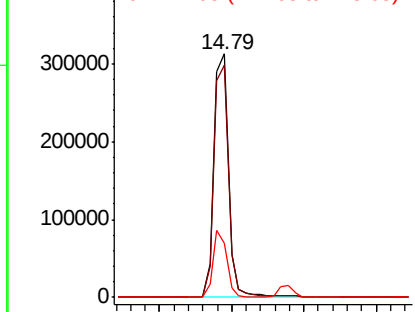
#93  
 1,2,4-Trichlorobenzene  
 Concen: 22.915 ug/l  
 RT: 14.79 min Scan# 1348  
 Delta R.T. -0.01 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1109SBS01

Tgt Ion:180 Resp: 437202  
 Ion Ratio Lower Upper  
 180 100  
 182 95.4 48.1 144.4  
 145 22.2 11.5 34.4

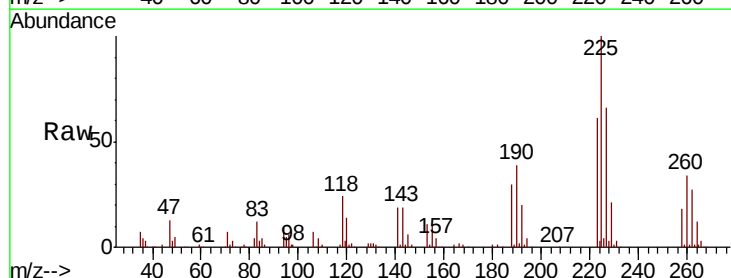


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

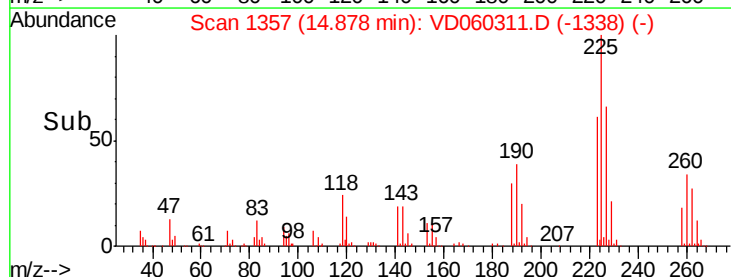
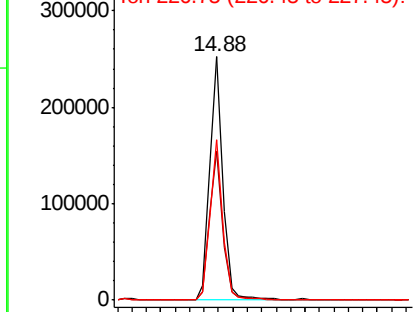


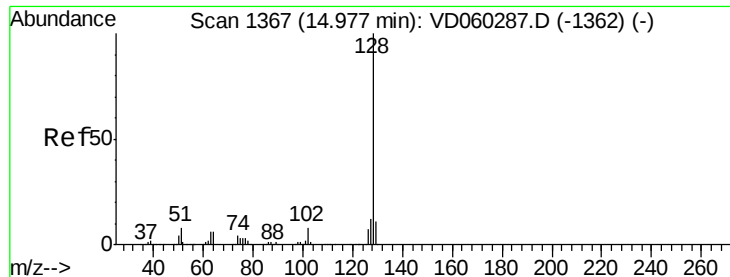
#94  
 Hexachlorobutadiene  
 Concen: 22.416 ug/l  
 RT: 14.88 min Scan# 1357  
 Delta R.T. -0.01 min  
 Lab File: VD060311.D  
 Acq: 9 Nov 2018 14:34

Tgt Ion:225 Resp: 319900  
 Ion Ratio Lower Upper  
 225 100  
 223 61.2 31.6 94.8  
 227 65.8 32.3 96.9



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

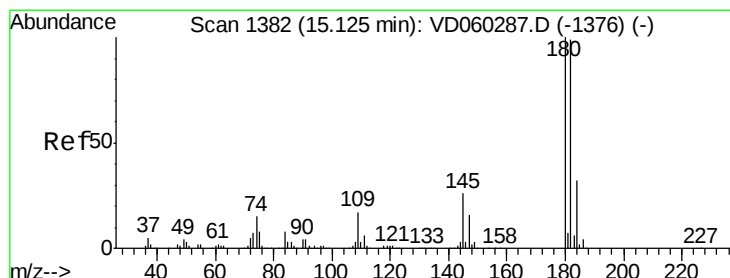
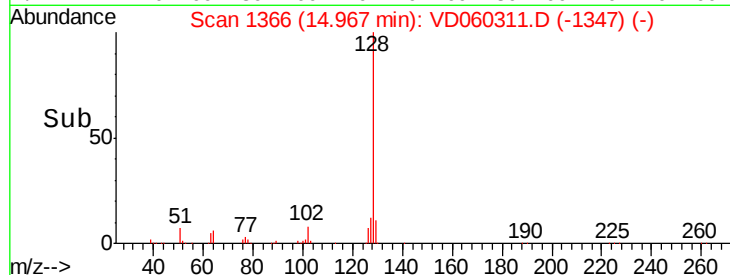
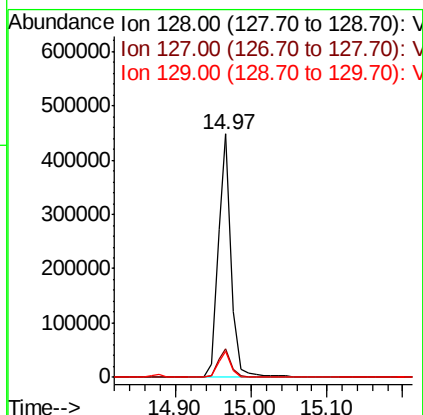
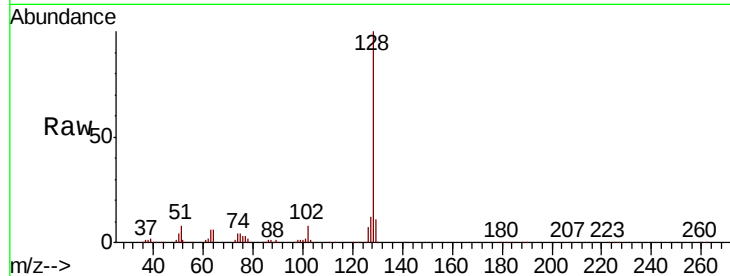




#95  
Naphthalene  
Concen: 23.084 ug/l  
RT: 14.97 min Scan# 1366  
Delta R.T. -0.01 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD1109SBSD01

Tgt Ion:128 Resp: 537792  
Ion Ratio Lower Upper  
128 100  
127 11.9 9.6 14.4  
129 10.9 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 23.345 ug/l  
RT: 15.11 min Scan# 1381  
Delta R.T. -0.01 min  
Lab File: VD060311.D  
Acq: 9 Nov 2018 14:34

Tgt Ion:180 Resp: 356925  
Ion Ratio Lower Upper  
180 100  
182 95.7 48.9 146.7  
145 25.7 12.9 38.6

