

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072418\  
 Data File : VD059575.D  
 Acq On : 24 Jul 2018 17:17  
 Operator : VA/AP  
 Sample : VSTDIC010  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Quant Time: Jul 25 05:39:49 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072418S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 25 05:39:17 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.60  | 168  | 135023   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.65  | 114  | 194135   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.67 | 117  | 155955   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.89 | 152  | 76970    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.98  | 65   | 18150    | 18.66 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 37.32% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 16276    | 10.78 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 21.56% |          |
| 50) Toluene-d8              | 8.68  | 98   | 38804    | 11.31 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 22.62% |          |
| 62) 4-Bromofluorobenzene    | 11.92 | 95   | 17608    | 12.76 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 25.52% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.31 | 85   | 22203    | 20.747  | ug/l   | 100    |
| 3) Chloromethane              | 1.45 | 50   | 10014    | 18.558  | ug/l   | 96     |
| 4) Vinyl Chloride             | 1.53 | 62   | 10471    | 19.975  | ug/l   | 98     |
| 5) Bromomethane               | 1.76 | 94   | 1682     | 20.548  | ug/l   | 86     |
| 6) Chloroethane               | 1.83 | 64   | 4694     | 23.957  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 2.04 | 101  | 17529    | 18.617  | ug/l   | 98     |
| 8) Diethyl Ether              | 2.31 | 74   | 2957     | 18.210  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.51 | 101  | 9049     | 17.737  | ug/l # | 81     |
| 10) Methyl Iodide             | 2.65 | 142  | 10086    | 15.083  | ug/l   | 93     |
| 11) Tert butyl alcohol        | 3.22 | 59   | 3653     | 114.282 | ug/l # | 80     |
| 12) 1,1-Dichloroethene        | 2.50 | 96   | 5972     | 14.778  | ug/l # | 76     |
| 13) Acrolein                  | 2.44 | 56   | 1999     | 61.104  | ug/l # | 75     |
| 14) Allyl chloride            | 2.88 | 41   | 15326    | 20.634  | ug/l   | 99     |
| 15) Acrylonitrile             | 3.32 | 53   | 7799     | 96.406  | ug/l # | 90     |
| 16) Acetone                   | 2.58 | 43   | 13811    | 115.708 | ug/l   | 99     |
| 17) Carbon Disulfide          | 2.72 | 76   | 23814    | 16.718  | ug/l   | 97     |
| 18) Methyl Acetate            | 2.90 | 43   | 5321     | 14.603  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 3.36 | 73   | 22745    | 16.267  | ug/l # | 90     |
| 20) Methylene Chloride        | 3.02 | 84   | 9005     | 15.678  | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 3.34 | 96   | 6611     | 13.186  | ug/l   | 97     |
| 22) Diisopropyl ether         | 4.03 | 45   | 43958    | 18.051  | ug/l   | 96     |
| 23) Vinyl Acetate             | 3.97 | 43   | 144748   | 115.481 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 3.93 | 63   | 27290    | 16.793  | ug/l # | 91     |
| 25) 2-Butanone                | 4.80 | 43   | 22587    | 96.108  | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 4.76 | 77   | 27535    | 25.246  | ug/l   | 93     |
| 27) cis-1,2-Dichloroethene    | 4.76 | 96   | 14957    | 14.855  | ug/l   | 96     |
| 28) Bromochloromethane        | 5.10 | 49   | 9784     | 16.581  | ug/l # | 81     |
| 29) Tetrahydrofuran           | 5.15 | 42   | 10572    | 90.928  | ug/l   | 97     |
| 30) Chloroform                | 5.28 | 83   | 32819    | 17.578  | ug/l   | 97     |
| 31) Cyclohexane               | 5.54 | 56   | 23392    | 20.850  | ug/l   | 94     |
| 32) 1,1,1-Trichloroethane     | 5.47 | 97   | 30075    | 18.020  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 5.71 | 75   | 21975    | 13.572  | ug/l   | 95     |
| 37) Ethyl Acetate             | 4.88 | 43   | 10277    | 14.381  | ug/l # | 90     |
| 38) Carbon Tetrachloride      | 5.68 | 117  | 28895    | 14.337  | ug/l   | 98     |

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 Sample : VSTDIC010  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Quant Time: Jul 25 05:39:49 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072418S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 25 05:39:17 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.25  | 83   | 20359    | 12.971  | ug/l   | 97       |
| 40) Benzene                    | 5.98  | 78   | 43807    | 11.658  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.08  | 41   | 5078     | 14.162  | ug/l   | 87       |
| 42) 1,2-Dichloroethane         | 6.09  | 62   | 24939    | 15.476  | ug/l   | 95       |
| 43) Isopropyl Acetate          | 7.59  | 43   | 14571    | 14.764  | ug/l   | 98       |
| 44) Trichloroethene            | 6.95  | 130  | 16469    | 9.992   | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 7.31  | 63   | 12360    | 12.944  | ug/l   | 90       |
| 46) Dibromomethane             | 7.42  | 93   | 9955     | 13.301  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.71  | 83   | 24575    | 13.986  | ug/l   | 96       |
| 48) Methyl methacrylate        | 7.47  | 41   | 9293     | 14.060  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.46  | 88   | 1631     | 232.146 | ug/l   | 89       |
| 51) 4-Methyl-2-Pentanone       | 8.56  | 43   | 51714    | 78.080  | ug/l   | 99       |
| 52) Toluene                    | 8.77  | 92   | 30956    | 12.818  | ug/l   | 91       |
| 53) t-1,3-Dichloropropene      | 9.15  | 75   | 24834    | 17.696  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.33  | 75   | 22203    | 14.391  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane      | 9.43  | 97   | 11121    | 12.755  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.29  | 69   | 11500    | 12.136  | ug/l   | 91       |
| 57) 1,3-Dichloropropane        | 9.64  | 76   | 16904    | 12.491  | ug/l   | 93       |
| 58) 2-Chloroethyl Vinyl ether  | 8.16  | 63   | 28054    | 65.299  | ug/l   | 97       |
| 59) 2-Hexanone                 | 9.75  | 43   | 38370    | 80.707  | ug/l   | 91       |
| 60) Dibromochloromethane       | 9.93  | 129  | 17192    | 10.988  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 10.07 | 107  | 12212    | 11.903  | ug/l   | 96       |
| 64) Tetrachloroethene          | 9.49  | 164  | 15323    | 7.326   | ug/l   | 95       |
| 65) Chlorobenzene              | 10.70 | 112  | 36071    | 11.744  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.83 | 131  | 15386    | 11.758  | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.84 | 91   | 62784    | 13.663  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.99 | 106  | 42258    | 25.201  | ug/l   | 88       |
| 69) o-Xylene                   | 11.39 | 106  | 20695    | 12.685  | ug/l   | 100      |
| 70) Styrene                    | 11.42 | 104  | 34039    | 12.626  | ug/l   | 93       |
| 71) Bromoform                  | 11.58 | 173  | 11158    | 9.244   | ug/l # | 95       |
| 73) Isopropylbenzene           | 11.76 | 105  | 61126    | 14.820  | ug/l   | 97       |
| 74) N-amyl acetate             | 11.63 | 43   | 20740    | 18.804  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.06 | 83   | 11964    | 14.395  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.10 | 75   | 14079    | 16.435  | ug/l   | 95       |
| 77) Bromobenzene               | 12.03 | 156  | 17788    | 11.040  | ug/l   | 82       |
| 78) n-propylbenzene            | 12.13 | 91   | 75904    | 15.902  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 12.20 | 91   | 44344    | 15.609  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene     | 12.30 | 105  | 49985    | 15.666  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.83 | 75   | 3752     | 20.034  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.31 | 91   | 53969    | 17.082  | ug/l   | 97       |
| 83) tert-Butylbenzene          | 12.56 | 119  | 54453    | 15.582  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 12.62 | 105  | 49941    | 15.074  | ug/l   | 95       |
| 85) sec-Butylbenzene           | 12.74 | 105  | 62123    | 15.748  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.87 | 119  | 53041    | 14.694  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.82 | 146  | 31045    | 11.901  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.91 | 146  | 28075    | 10.982  | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.19 | 91   | 54542    | 18.081  | ug/l   | 97       |
| 90) Hexachloroethane           | 13.38 | 117  | 13412    | 13.874  | ug/l   | 81       |
| 91) 1,2-Dichlorobenzene        | 13.18 | 146  | 27300    | 12.654  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.76 | 75   | 2281     | 16.365  | ug/l   | 81       |

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Acq On : 24 Jul 2018 17:17  
Operator : VA/AP  
Sample : VSTDICC010  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

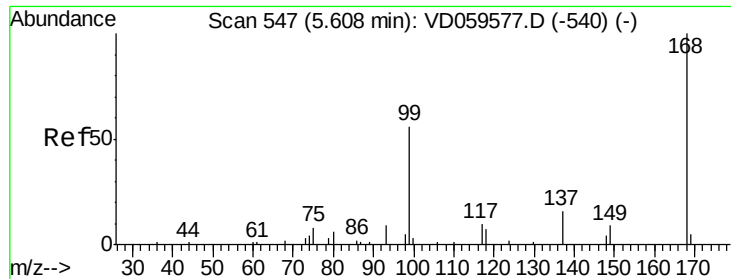
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC010

Quant Time: Jul 25 05:39:49 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072418S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 25 05:39:17 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.33 | 180  | 21249    | 11.336 | ug/l  | 92       |
| 94) Hexachlorobutadiene    | 14.43 | 225  | 16836    | 12.229 | ug/l  | 95       |
| 95) Naphthalene            | 14.51 | 128  | 29240    | 12.875 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.65 | 180  | 18894    | 11.325 | ug/l  | 93       |

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

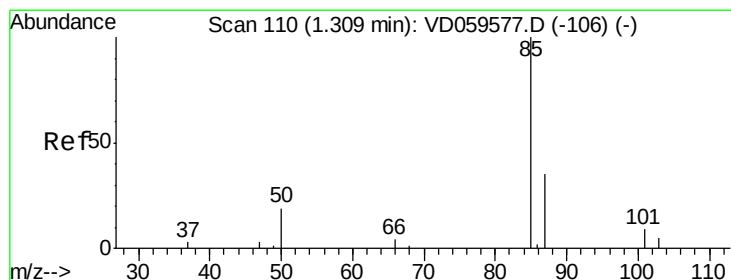
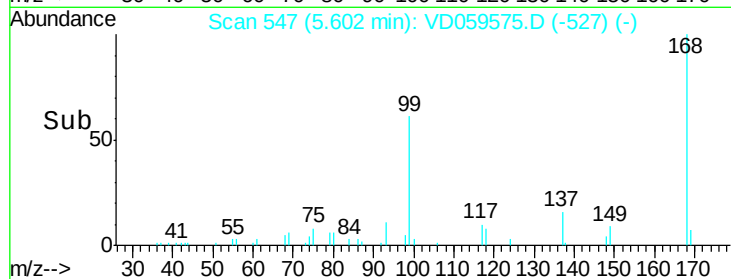
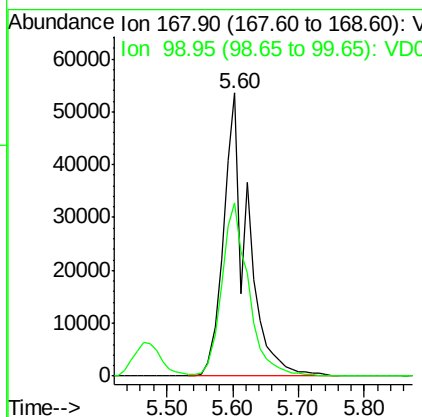
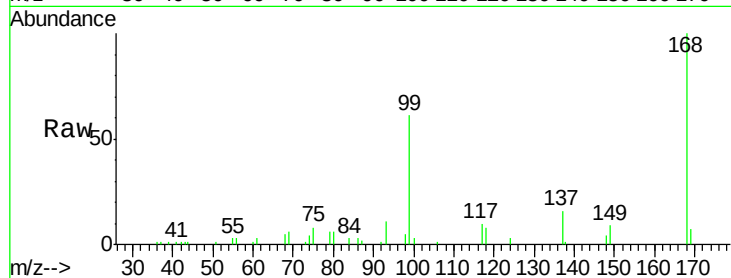




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.60 min Scan# 547  
Delta R.T. -0.01 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

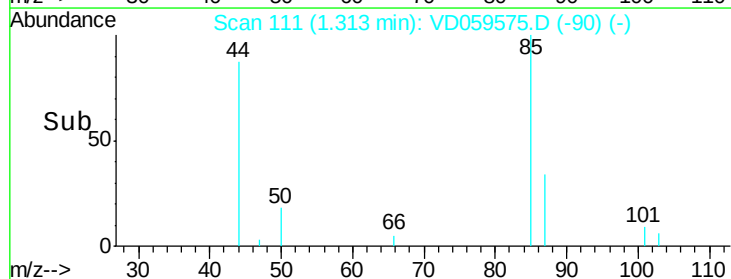
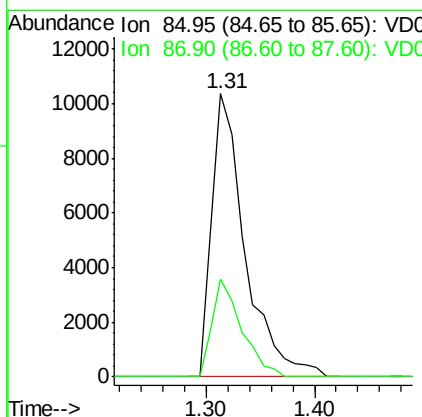
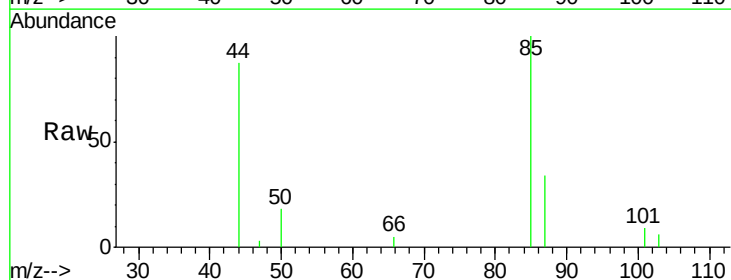
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

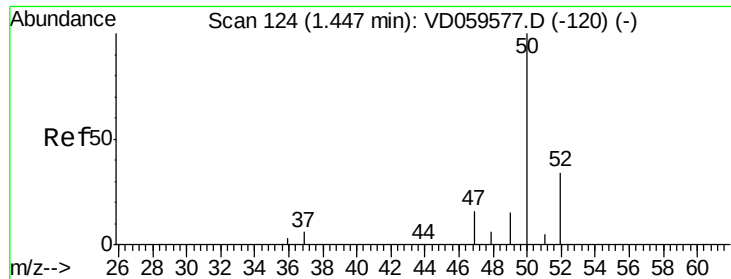
Tot Ion:168 Resp: 135023  
Ion Ratio Lower Upper  
168 100  
99 61.1 47.3 70.9



#2  
Dichlorodifluoromethane  
Concen: 20.747 ug/l  
RT: 1.31 min Scan# 111  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Tgt Ion: 85 Resp: 22203  
Ion Ratio Lower Upper  
85 100  
87 34.4 17.3 51.7





#3

Chloromethane

Concen: 18.558 ug/l

RT: 1.45 min Scan# 125

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

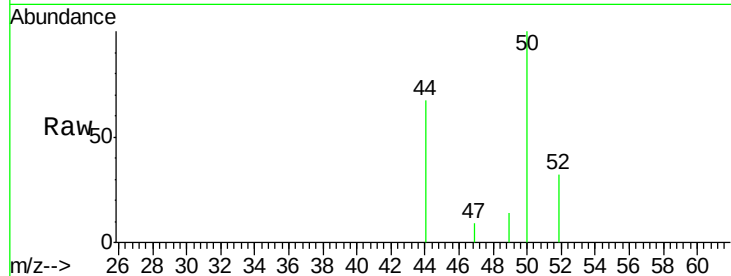
VSTDIC010

Tot Ion: 50 Resp: 10014

Ion Ratio Lower Upper

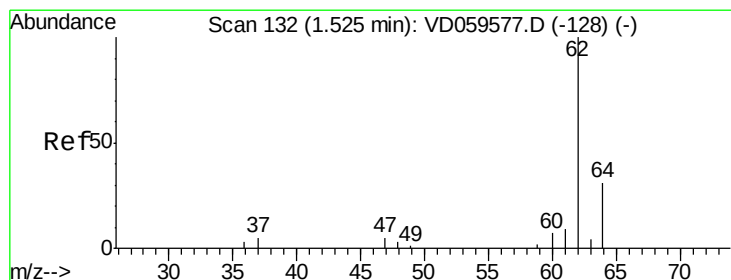
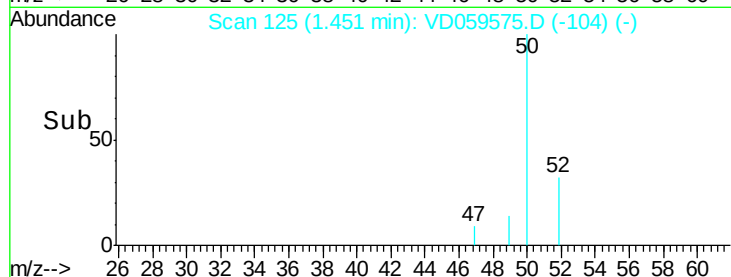
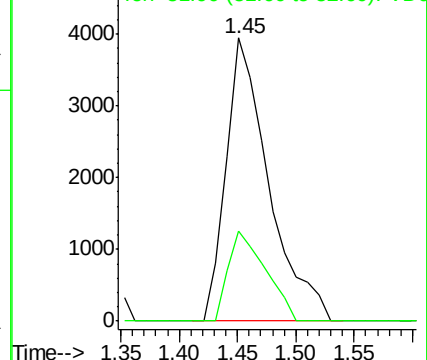
50 100

52 32.0 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.975 ug/l

RT: 1.53 min Scan# 133

Delta R.T. 0.00 min

Lab File: VD059575.D

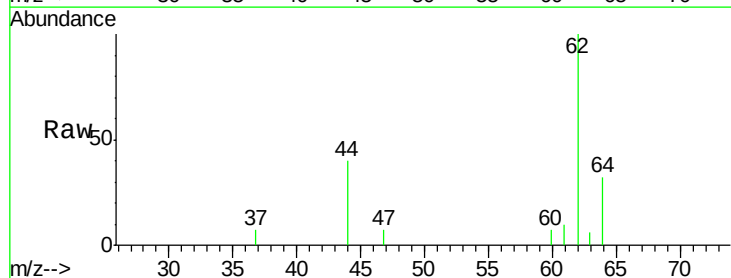
Acq: 24 Jul 2018 17:17

Tgt Ion: 62 Resp: 10471

Ion Ratio Lower Upper

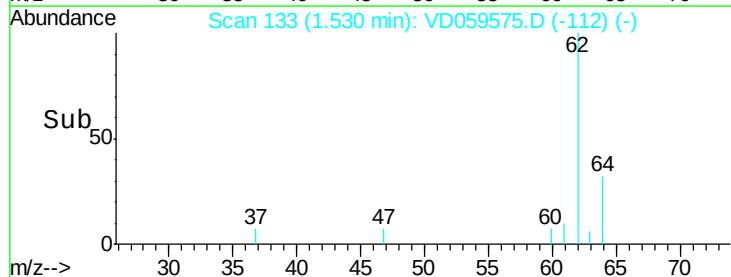
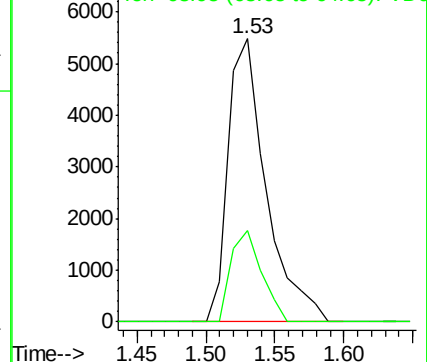
62 100

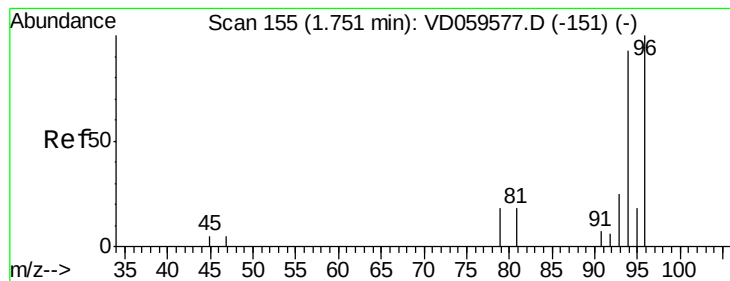
64 32.5 25.0 37.4



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 20.548 ug/l

RT: 1.76 min Scan# 156

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

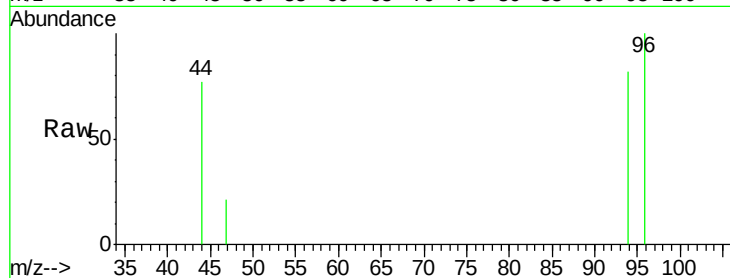
VSTDIC010

Tot Ion: 94 Resp: 1682

Ion Ratio Lower Upper

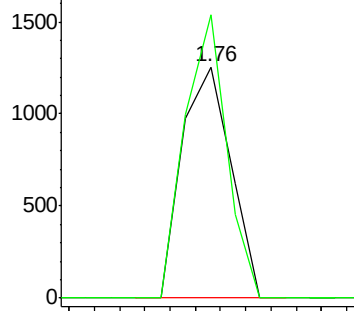
94 100

96 122.6 86.2 129.2

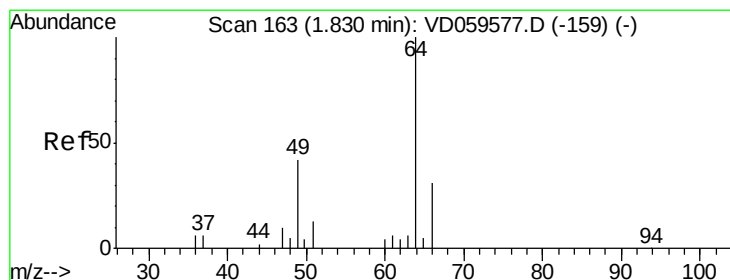
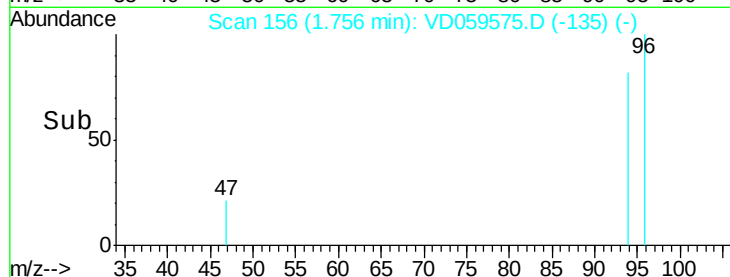


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 23.957 ug/l

RT: 1.83 min Scan# 164

Delta R.T. 0.00 min

Lab File: VD059575.D

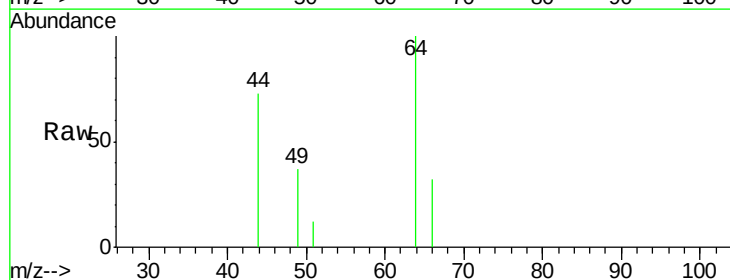
Acq: 24 Jul 2018 17:17

Tgt Ion: 64 Resp: 4694

Ion Ratio Lower Upper

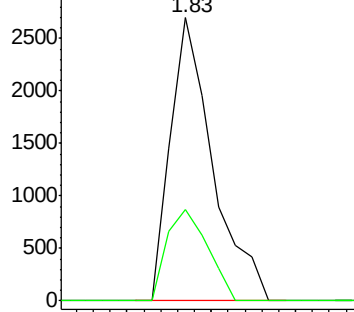
64 100

66 32.4 25.2 37.8

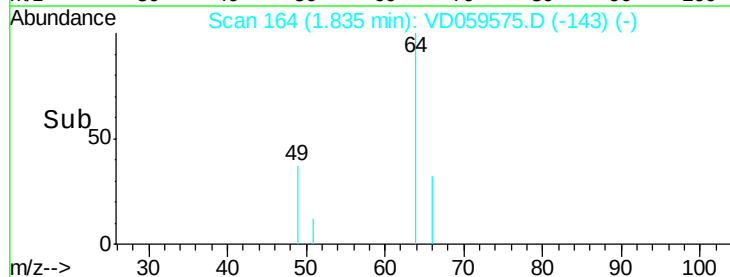


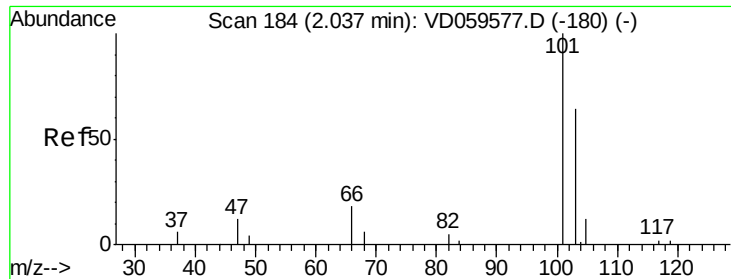
Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->



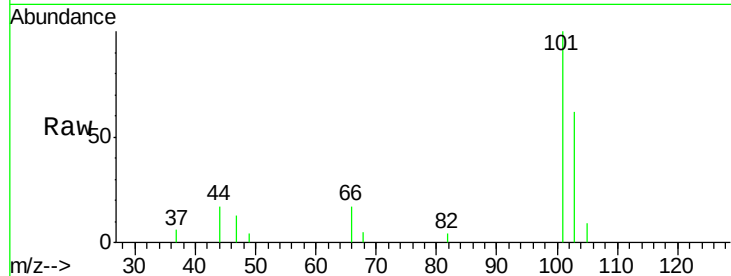


#7

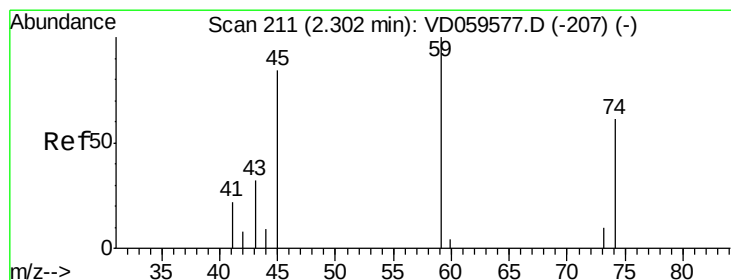
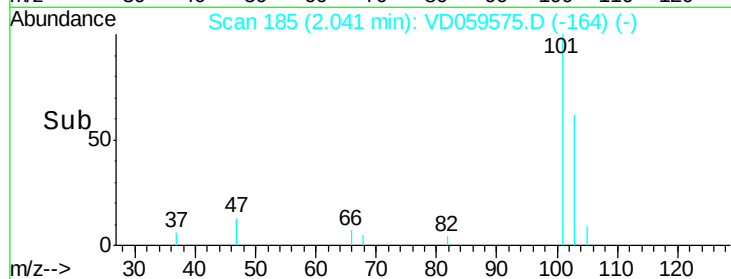
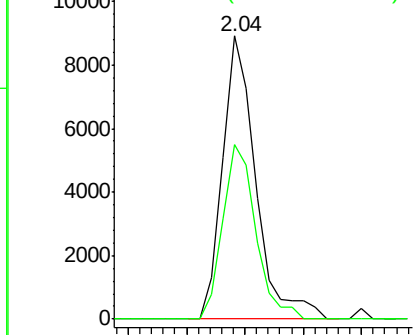
Trichlorofluoromethane  
 Concen: 18.617 ug/l  
 RT: 2.04 min Scan# 185  
 Delta R.T. 0.00 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Tot Ion:101 Resp: 17529  
 Ion Ratio Lower Upper  
 101 100  
 103 61.8 50.9 76.3



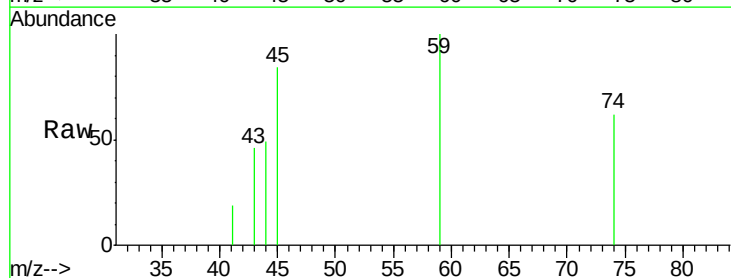
Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 102.85 (102.55 to 103.55): V



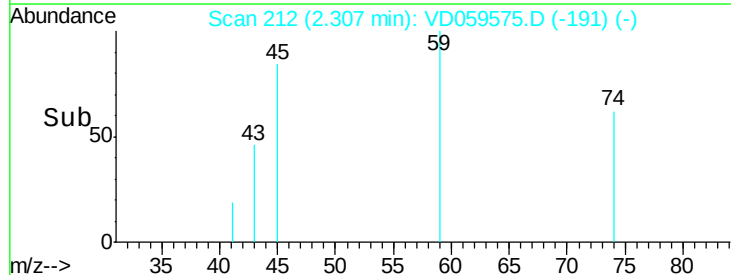
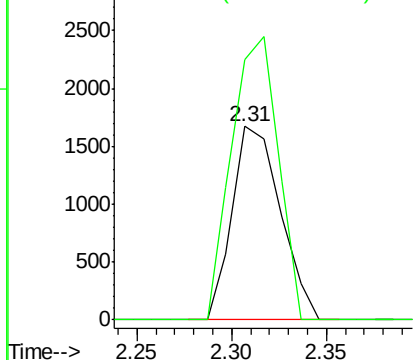
#8

Diethyl Ether  
 Concen: 18.210 ug/l  
 RT: 2.31 min Scan# 212  
 Delta R.T. 0.00 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

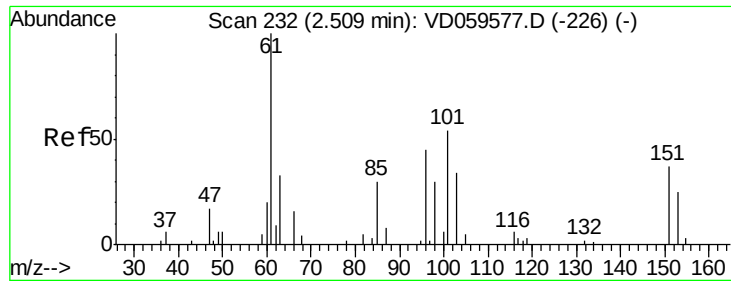
Tgt Ion: 74 Resp: 2957  
 Ion Ratio Lower Upper  
 74 100  
 45 134.2 69.0 207.0



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: 17.737 ug/l

RT: 2.51 min Scan# 233

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

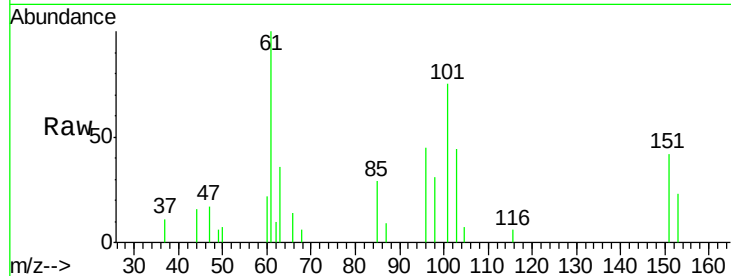
Tot Ion:101 Resp: 9049

Ion Ratio Lower Upper

101 100

85 39.0 44.5 66.7#

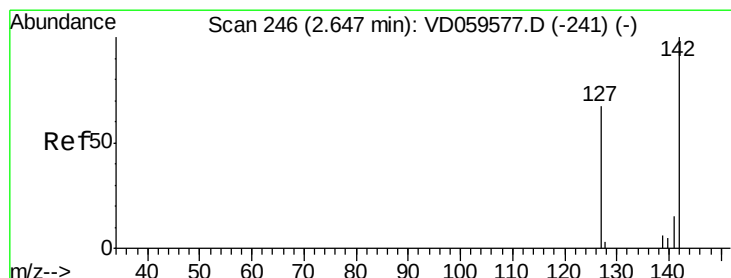
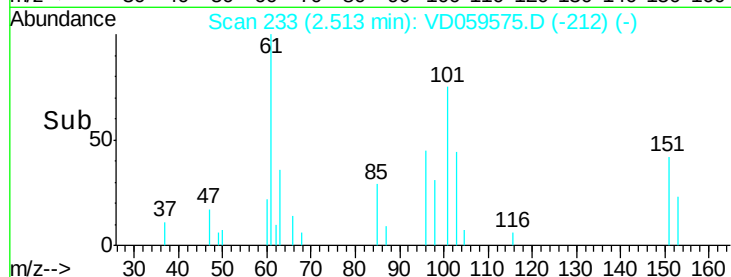
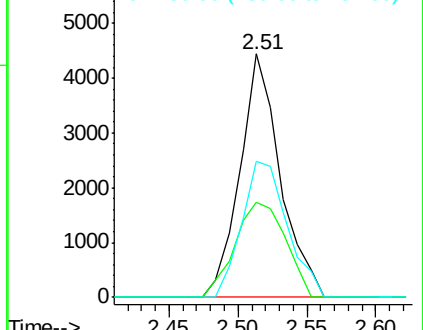
151 56.0 55.4 83.0



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: 15.083 ug/l

RT: 2.65 min Scan# 247

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

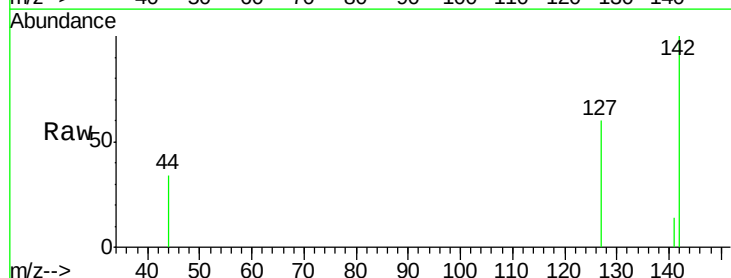
Tgt Ion:142 Resp: 10086

Ion Ratio Lower Upper

142 100

127 60.1 53.6 80.4

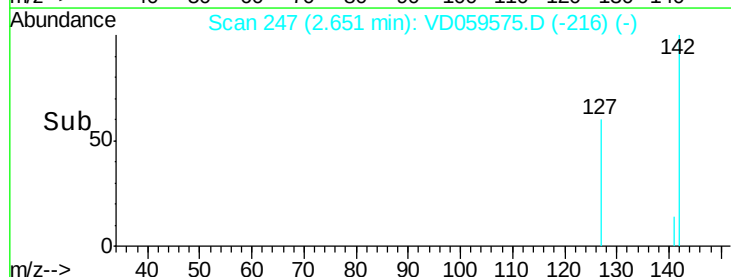
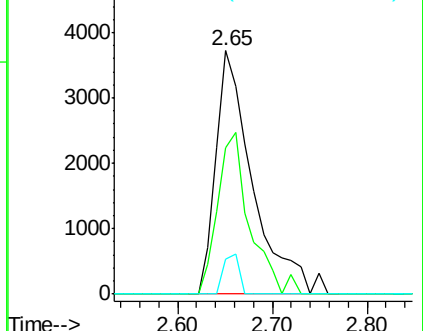
141 14.1 12.2 18.2

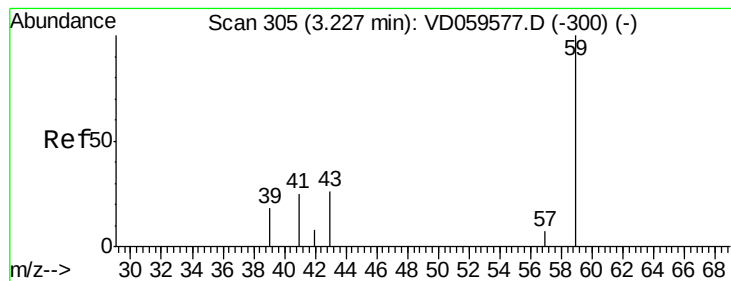


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



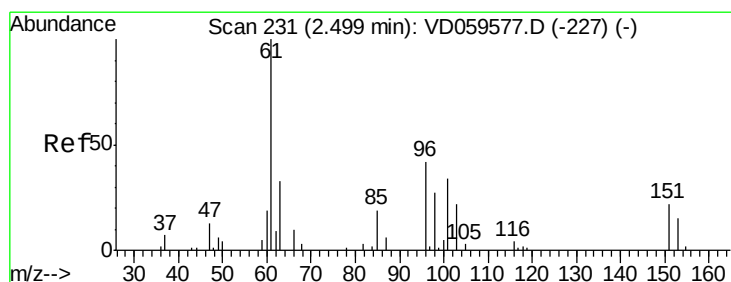
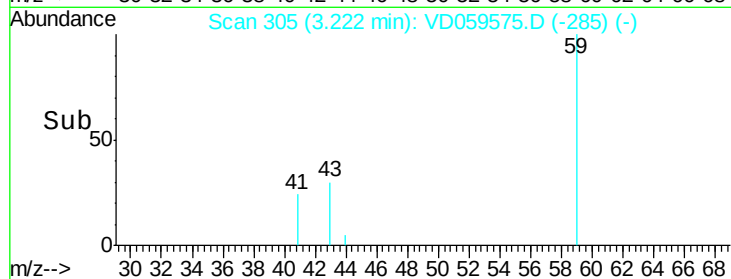
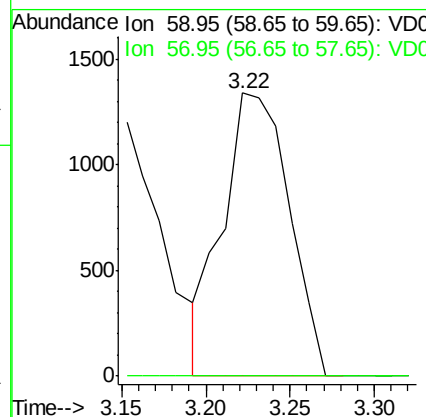
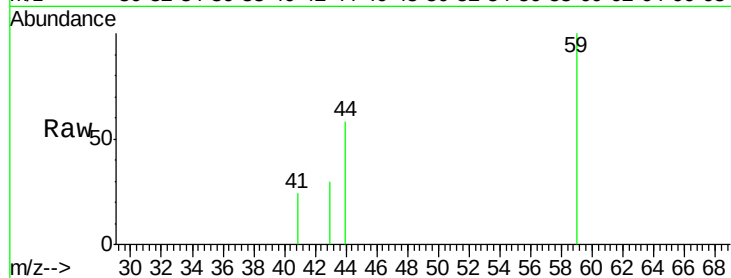


#11

Tert butyl alcohol  
 Concen: 114.282 ug/l  
 RT: 3.22 min Scan# 305  
 Delta R.T. -0.01 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

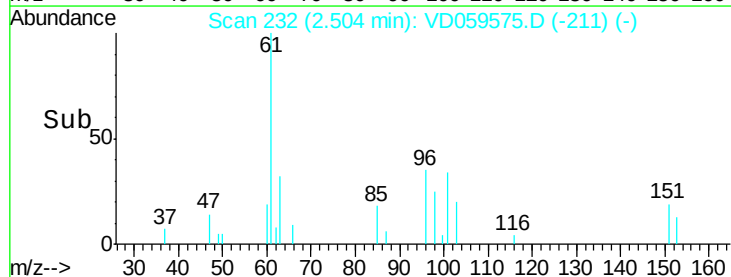
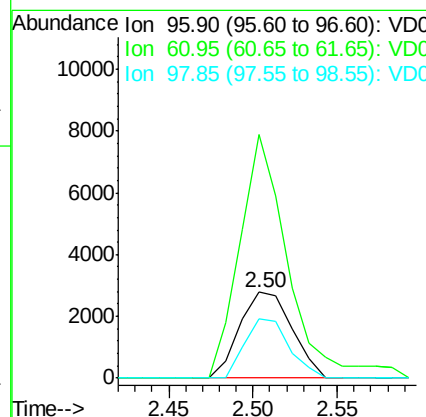
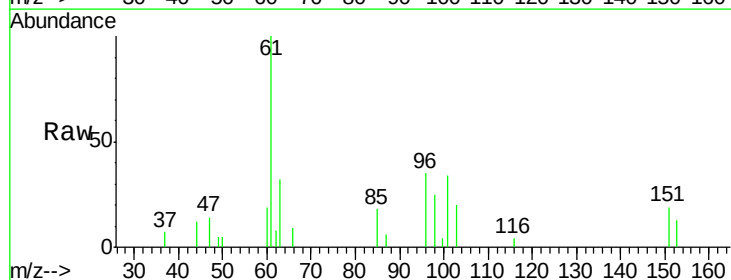
Tot Ion: 59 Resp: 3653  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 5.5 8.3#

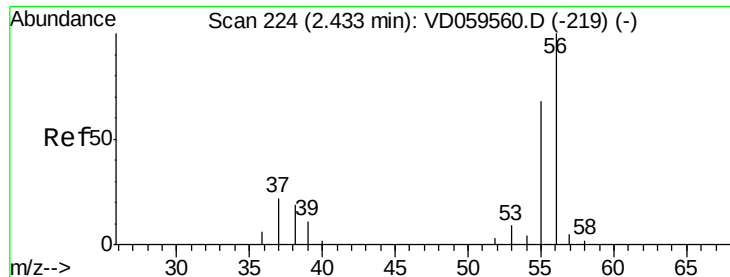


#12

1,1-Dichloroethene  
 Concen: 14.778 ug/l  
 RT: 2.50 min Scan# 232  
 Delta R.T. 0.00 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

Tgt Ion: 96 Resp: 5972  
 Ion Ratio Lower Upper  
 96 100  
 61 284.6 188.8 283.2#  
 98 70.0 51.4 77.2





#13

Acrolein

Concen: 61.104 ug/l

RT: 2.44 min Scan# 226

Delta R.T. 0.01 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

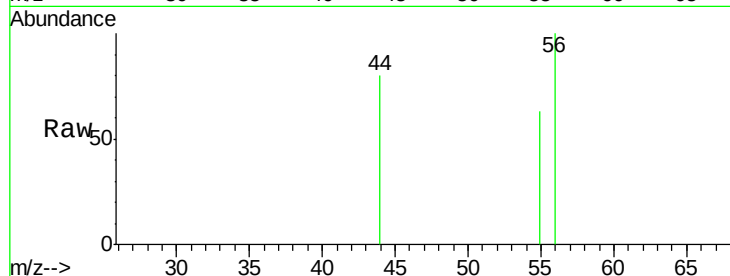
VSTDIC010

Tot Ion: 56 Resp: 1999

Ion Ratio Lower Upper

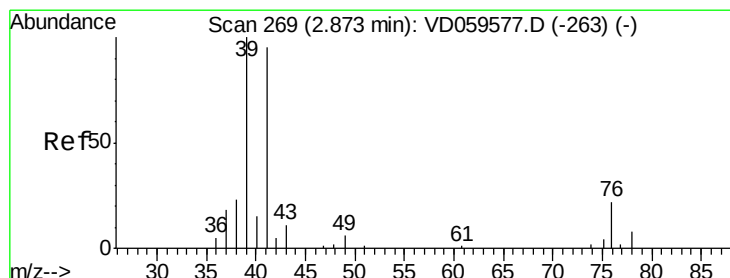
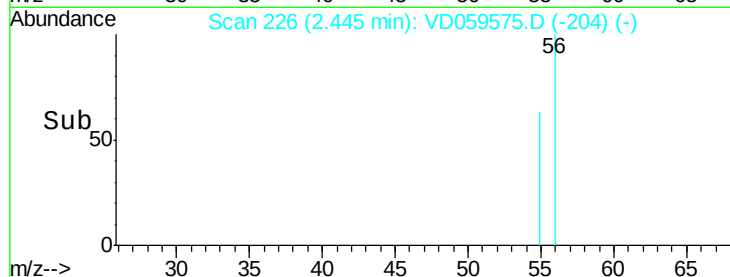
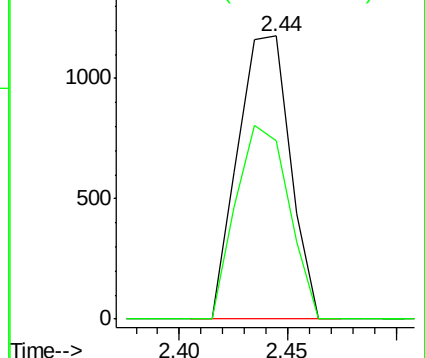
56 100

55 63.2 69.1 103.7#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.634 ug/l

RT: 2.88 min Scan# 270

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

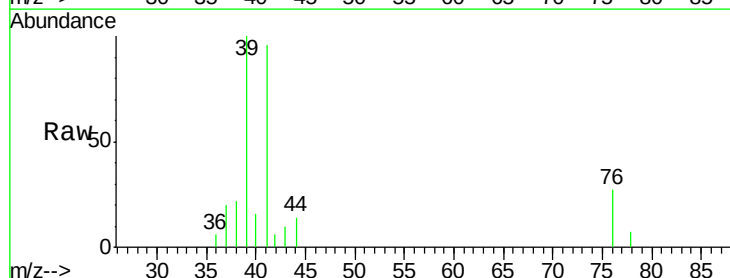
Tgt Ion: 41 Resp: 15326

Ion Ratio Lower Upper

41 100

39 104.1 83.8 125.8

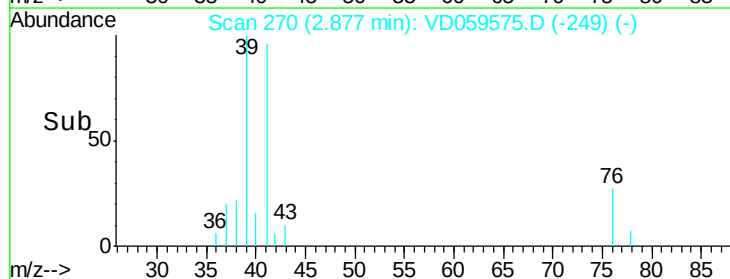
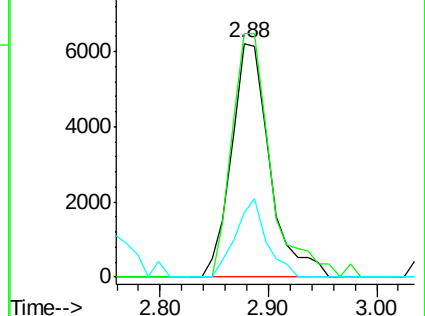
76 27.8 22.2 33.4

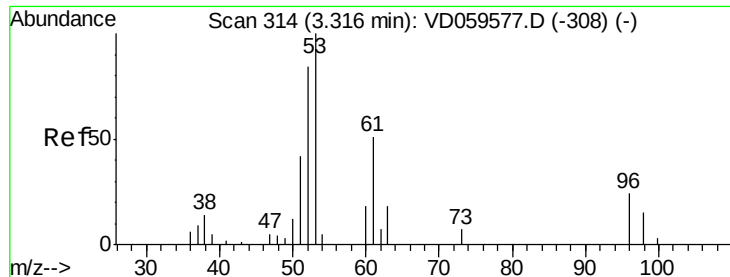


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 96.406 ug/l

RT: 3.32 min Scan# 315

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

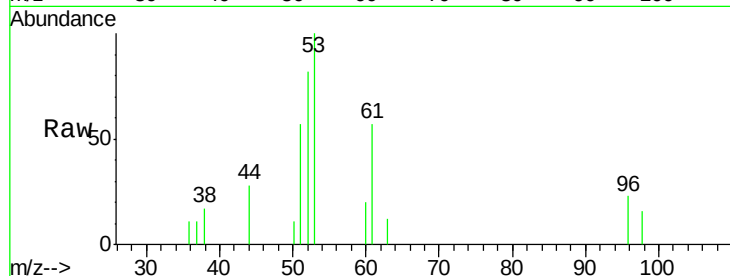
Tot Ion: 53 Resp: 7799

Ion Ratio Lower Upper

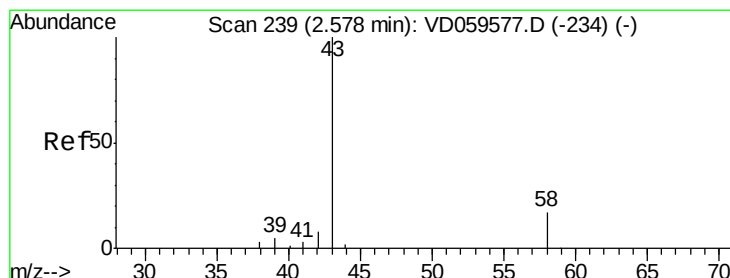
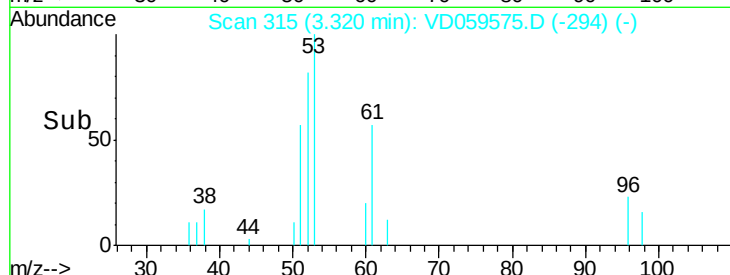
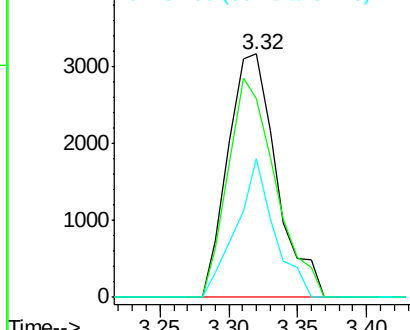
53 100

52 81.9 67.6 101.4

51 56.7 33.7 50.5#



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: 115.708 ug/l

RT: 2.58 min Scan# 240

Delta R.T. 0.00 min

Lab File: VD059575.D

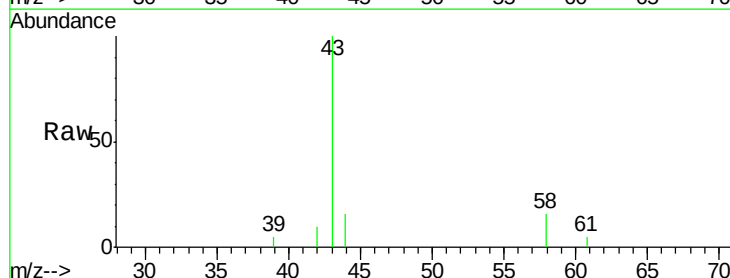
Acq: 24 Jul 2018 17:17

Tgt Ion: 43 Resp: 13811

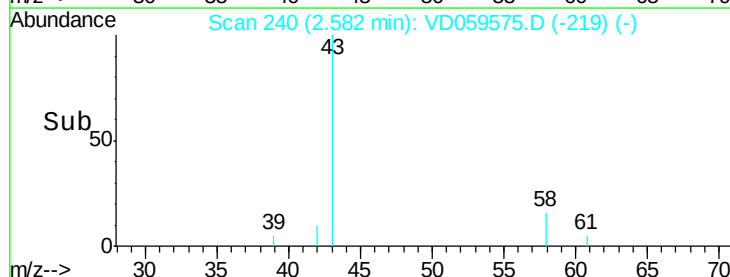
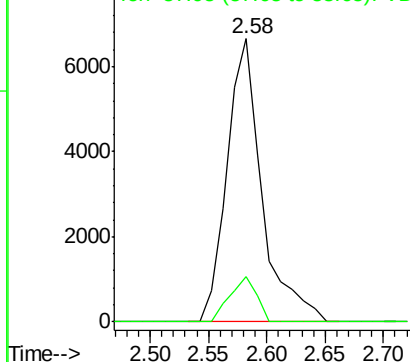
Ion Ratio Lower Upper

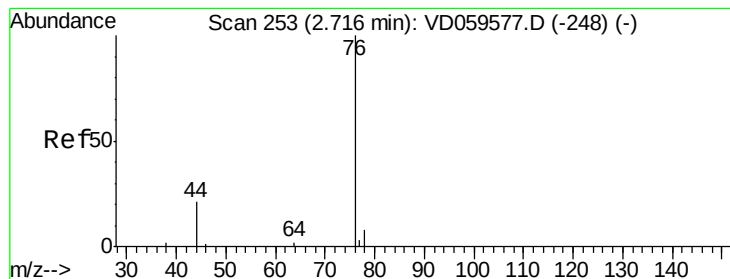
43 100

58 16.2 13.4 20.0



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





#17

Carbon Disulfide

Concen: 16.718 ug/l

RT: 2.72 min Scan# 254

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

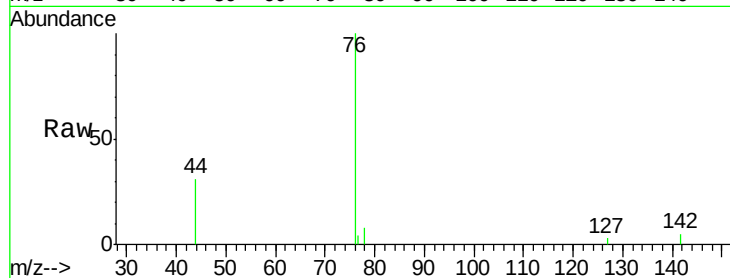
VSTDIC010

Tot Ion: 76 Resp: 23814

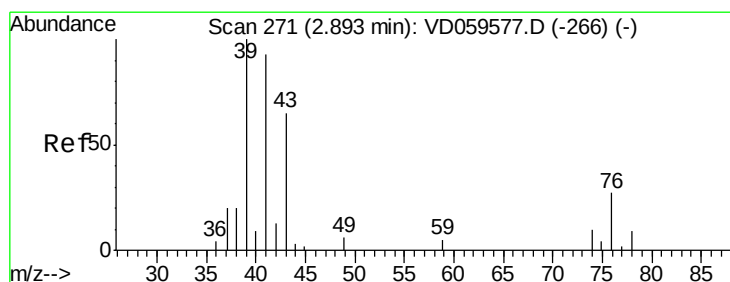
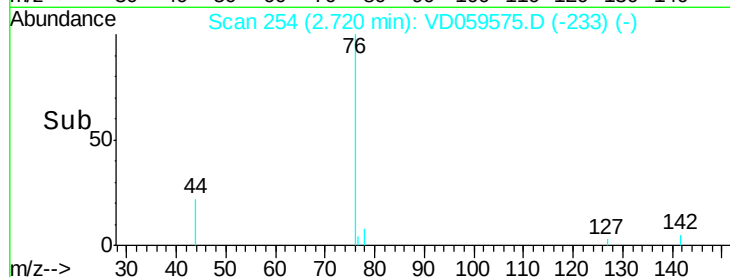
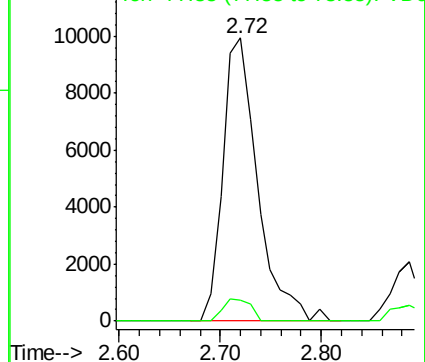
Ion Ratio Lower Upper

76 100

78 7.5 6.8 10.2



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



#18

Methyl Acetate

Concen: 14.603 ug/l

RT: 2.90 min Scan# 272

Delta R.T. 0.00 min

Lab File: VD059575.D

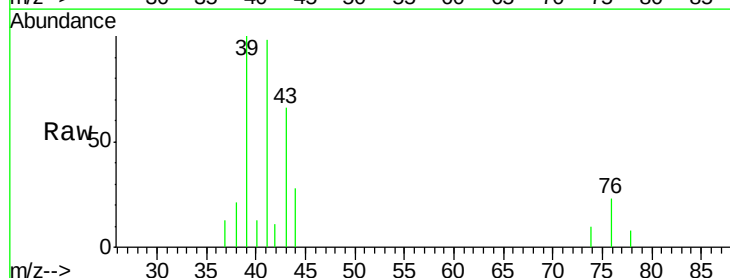
Acq: 24 Jul 2018 17:17

Tgt Ion: 43 Resp: 5321

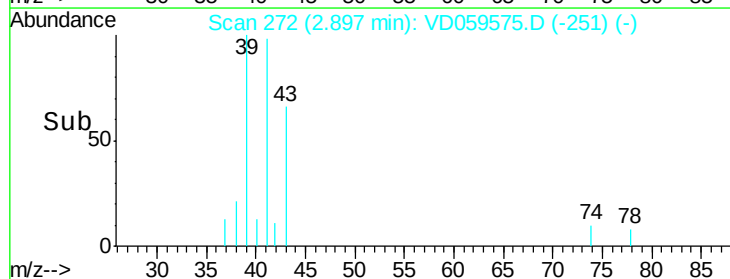
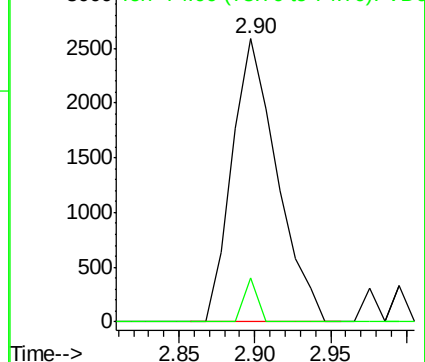
Ion Ratio Lower Upper

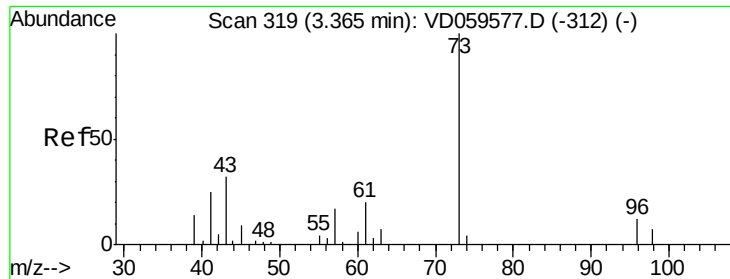
43 100

74 15.7 13.0 19.4



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

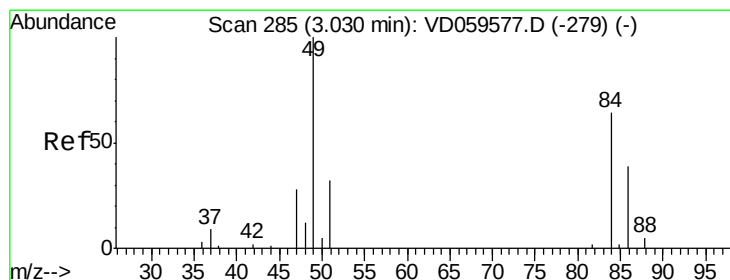
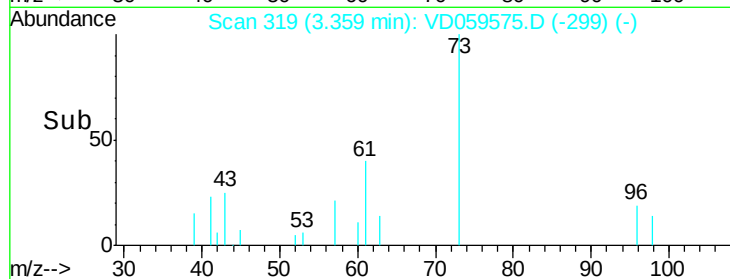
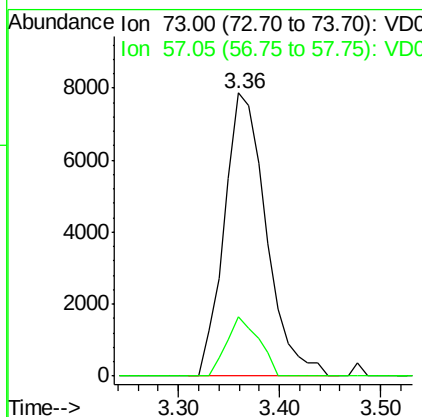
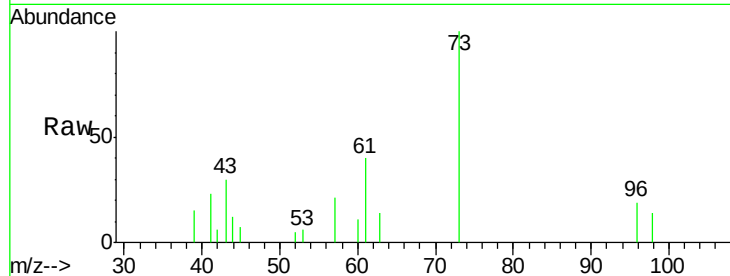




#19  
Methyl tert-butyl Ether  
Concen: 16.267 ug/l  
RT: 3.36 min Scan# 319  
Delta R.T. -0.01 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

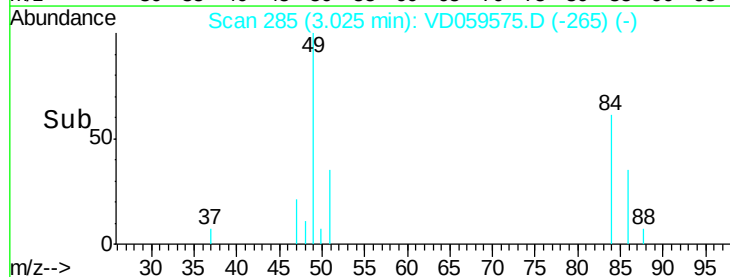
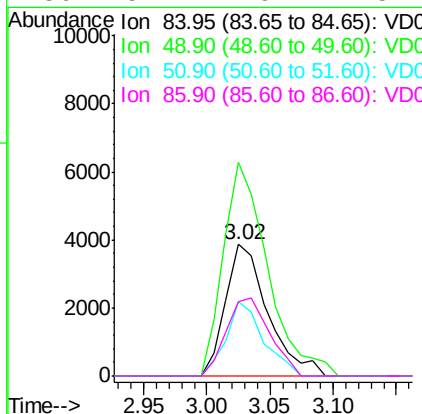
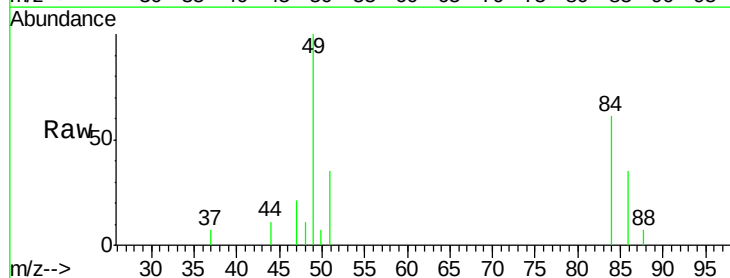
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

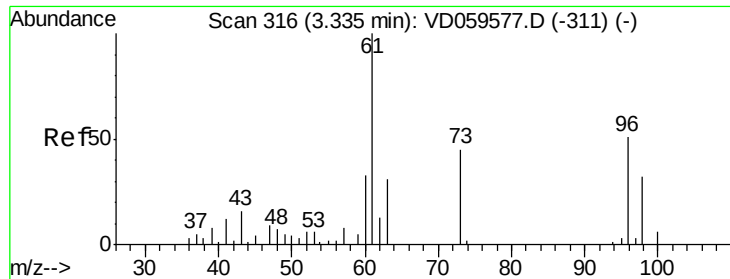
Tot Ion: 73 Resp: 22745  
Ion Ratio Lower Upper  
73 100  
57 21.0 13.4 20.2#



#20  
Methylene Chloride  
Concen: 15.678 ug/l  
RT: 3.02 min Scan# 285  
Delta R.T. -0.01 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Tgt Ion: 84 Resp: 9005  
Ion Ratio Lower Upper  
84 100  
49 162.8 125.4 188.2  
51 56.7 39.7 59.5  
86 57.1 49.1 73.7

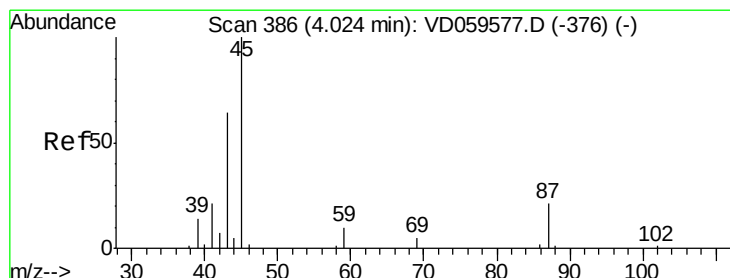
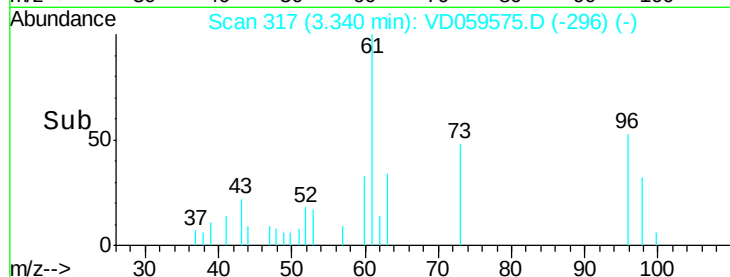
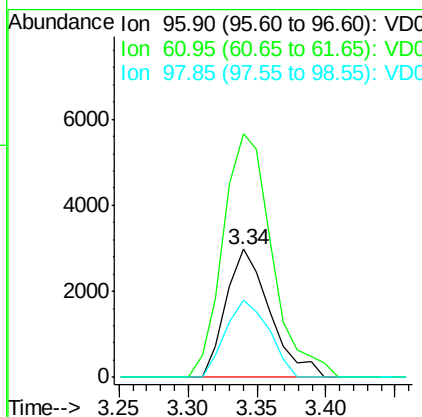
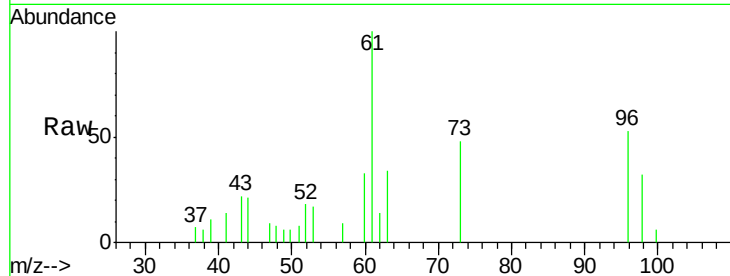




#21  
trans-1,2-Dichloroethene  
Concen: 13.186 ug/l  
RT: 3.34 min Scan# 317  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

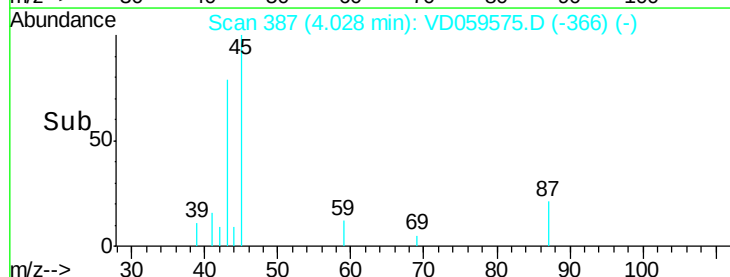
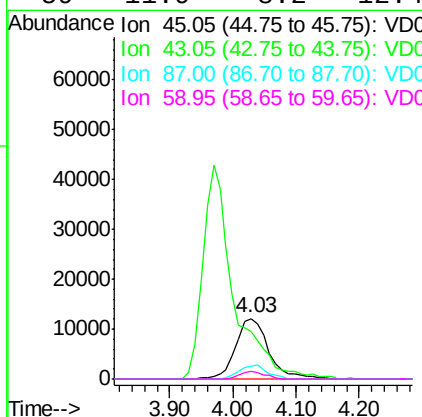
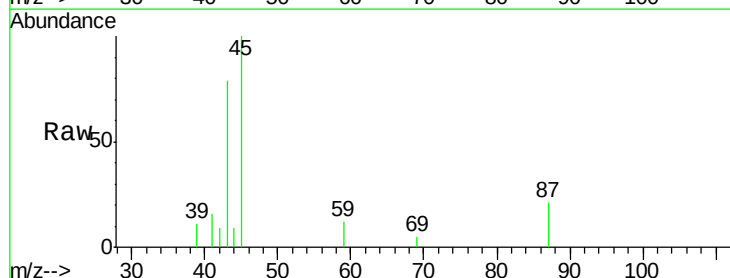
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

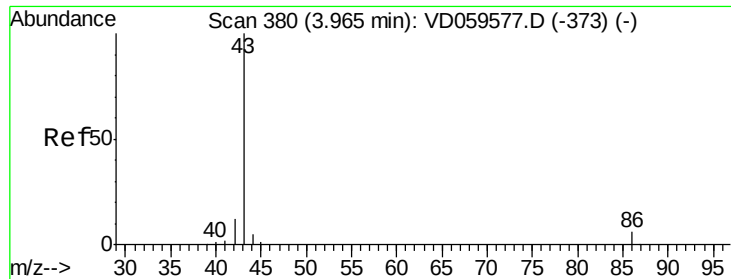
Tot Ion: 96 Resp: 6611  
Ion Ratio Lower Upper  
96 100  
61 190.0 155.8 233.6  
98 60.2 49.1 73.7



#22  
Diisopropyl ether  
Concen: 18.051 ug/l  
RT: 4.03 min Scan# 387  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Tgt Ion: 45 Resp: 43958  
Ion Ratio Lower Upper  
45 100  
43 78.9 59.4 89.2  
87 21.3 16.7 25.1  
59 11.9 8.2 12.4





#23

Vinyl Acetate

Concen: 115.481 ug/l

RT: 3.97 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

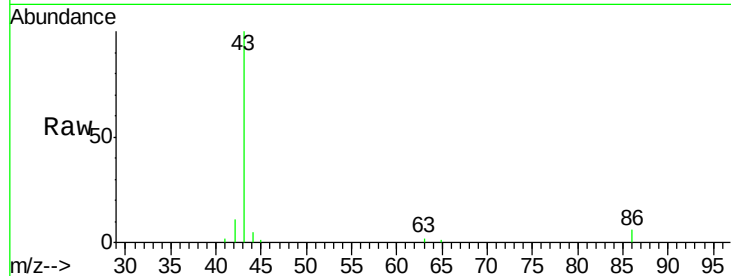
VSTDIC010

Tot Ion: 43 Resp: 144748

Ion Ratio Lower Upper

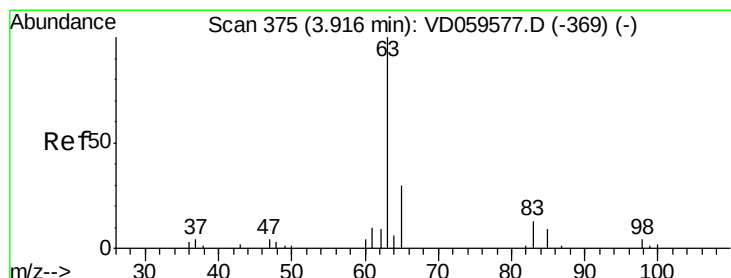
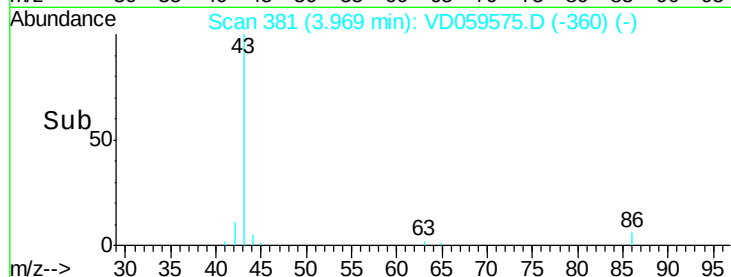
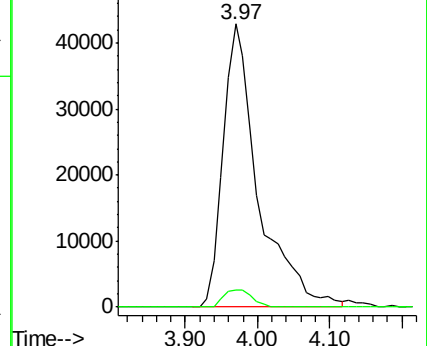
43 100

86 6.1 5.1 7.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 16.793 ug/l

RT: 3.93 min Scan# 377

Delta R.T. 0.01 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

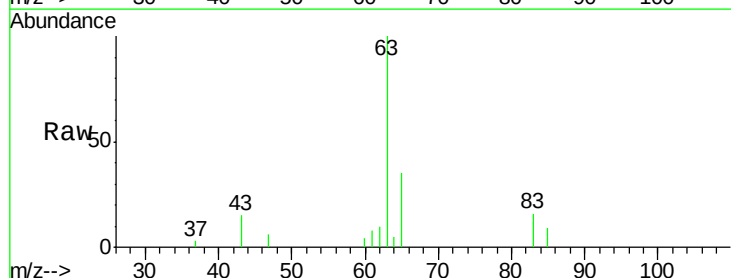
Tgt Ion: 63 Resp: 27290

Ion Ratio Lower Upper

63 100

98 0.0 1.8 5.5#

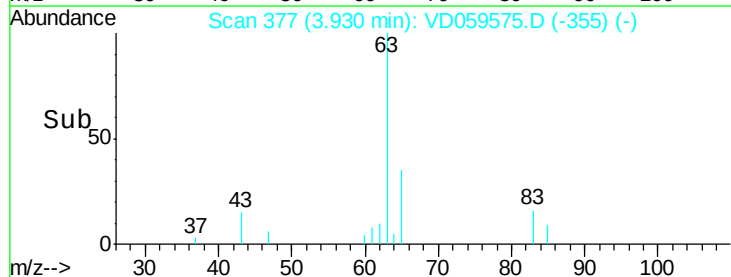
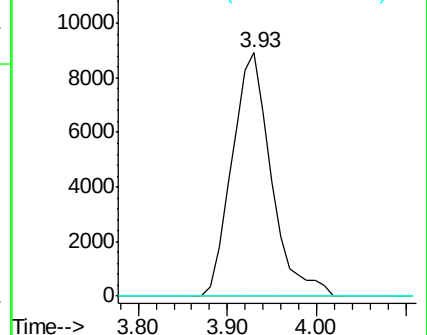
100 0.0 1.1 3.3#



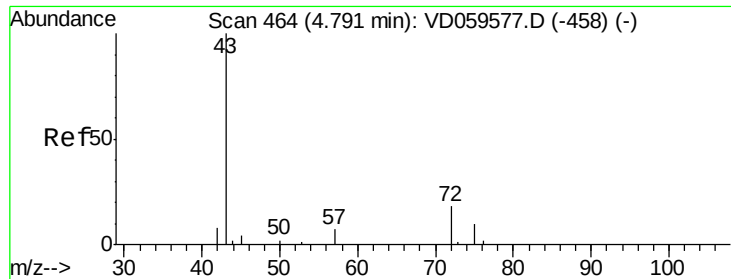
Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC







#25

2-Butanone

Concen: 96.108 ug/l

RT: 4.80 min Scan# 465

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

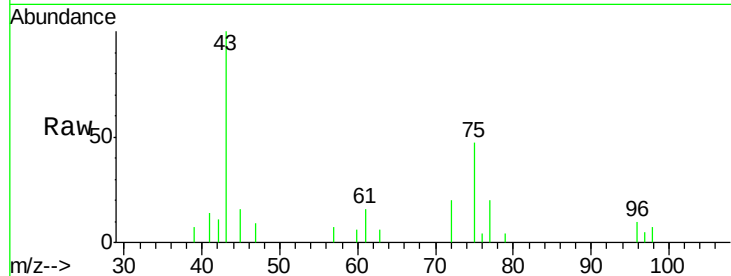
VSTDIC010

Tot Ion: 43 Resp: 22587

Ion Ratio Lower Upper

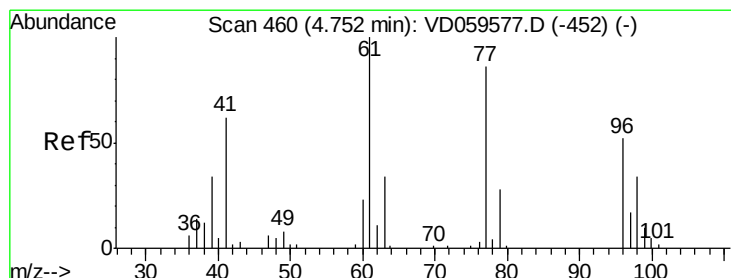
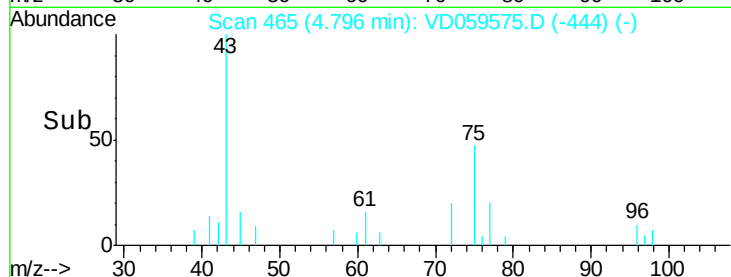
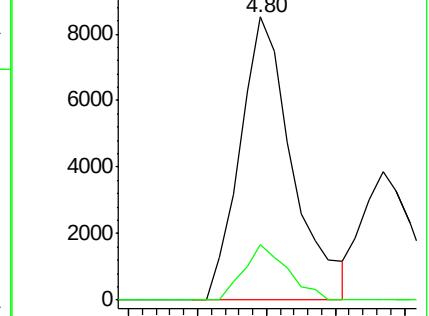
43 100

72 19.7 14.7 22.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 25.246 ug/l

RT: 4.76 min Scan# 461

Delta R.T. 0.00 min

Lab File: VD059575.D

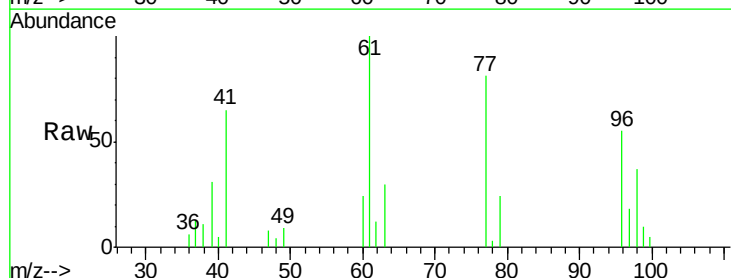
Acq: 24 Jul 2018 17:17

Tgt Ion: 77 Resp: 27535

Ion Ratio Lower Upper

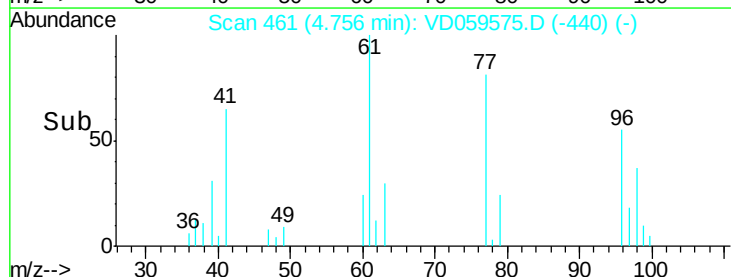
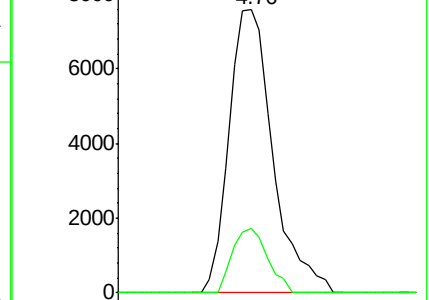
77 100

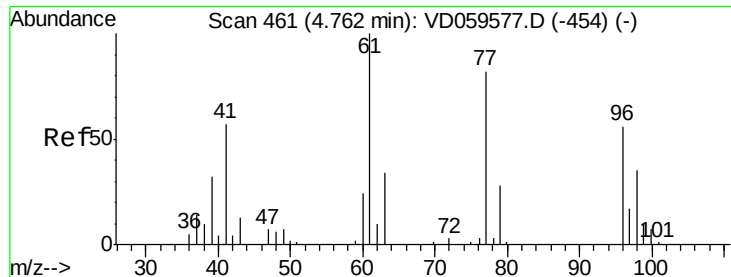
97 22.6 9.7 29.1



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



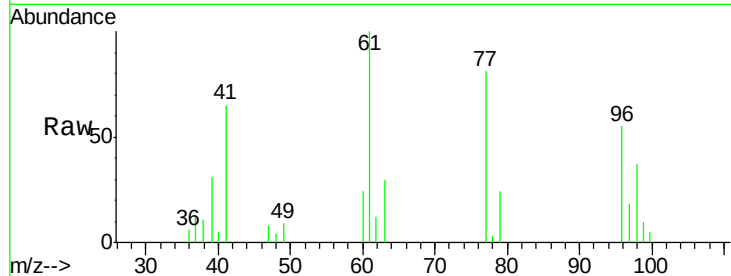


#27

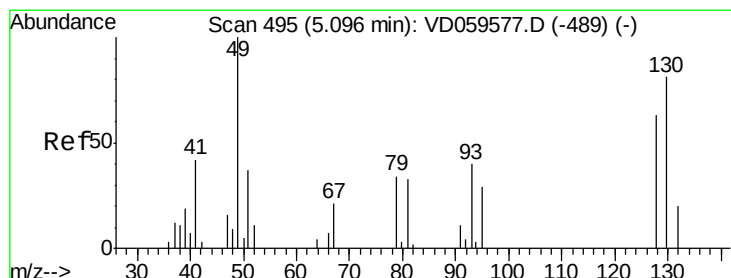
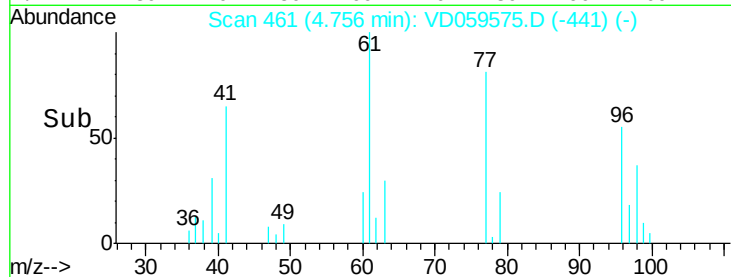
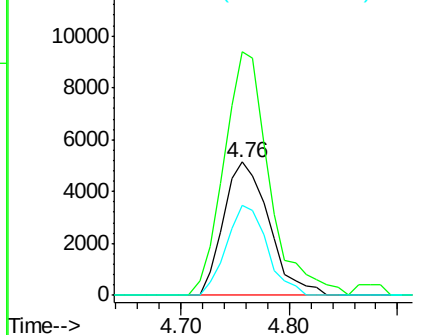
cis-1,2-Dichloroethene  
 Concen: 14.855 ug/l  
 RT: 4.76 min Scan# 461  
 Delta R.T. -0.01 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

| Tot Ion | 96    | Resp  | 14957 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 96      | 100   |       |       |
| 61      | 182.4 | 0.0   | 355.0 |
| 98      | 67.8  | 0.0   | 125.8 |



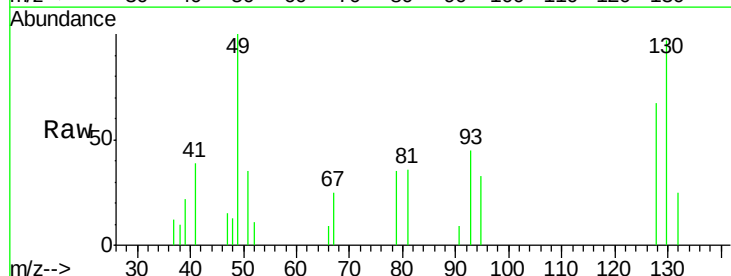
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 97.85 (97.55 to 98.55): VDC



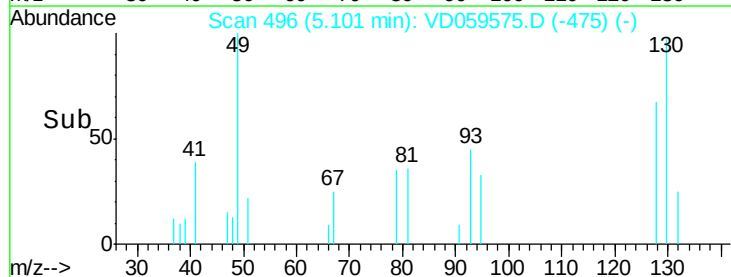
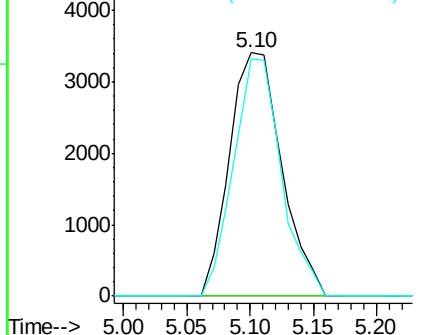
#28

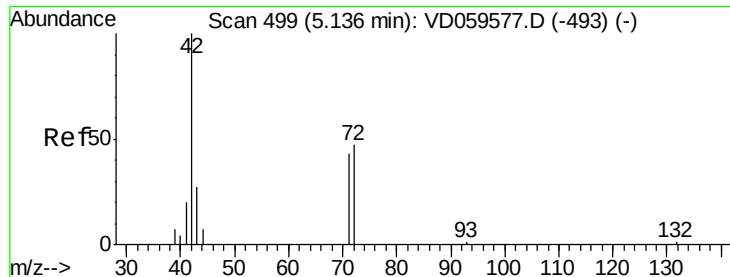
Bromochloromethane  
 Concen: 16.581 ug/l  
 RT: 5.10 min Scan# 496  
 Delta R.T. 0.00 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

| Tgt Ion | 49    | Resp  | 9784  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 49      | 100   |       |       |
| 129     | 0.0   | 0.0   | 0.0   |
| 130     | 97.2  | 64.6  | 96.8# |



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

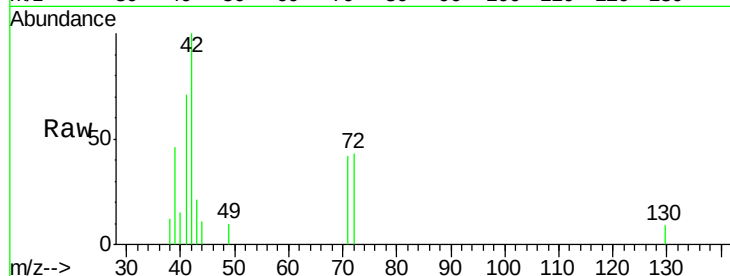




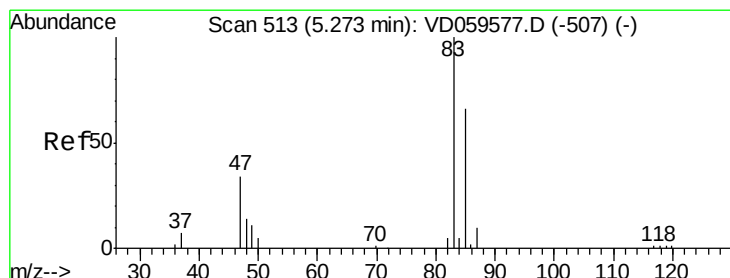
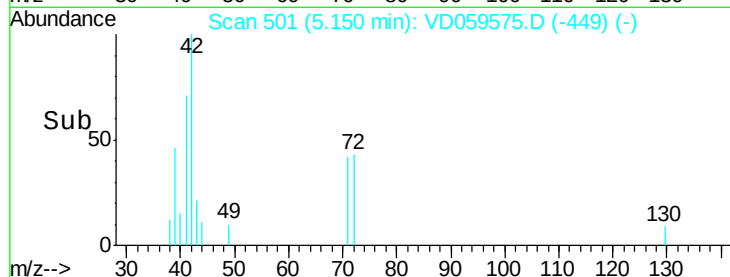
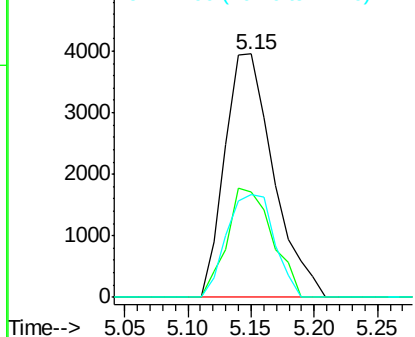
#29  
Tetrahydrofuran  
Concen: 90.928 ug/l  
RT: 5.15 min Scan# 501  
Delta R.T. 0.01 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tot Ion: 42 Resp: 10572  
Ion Ratio Lower Upper  
42 100  
72 41.6 35.0 52.4  
71 41.1 34.2 51.2

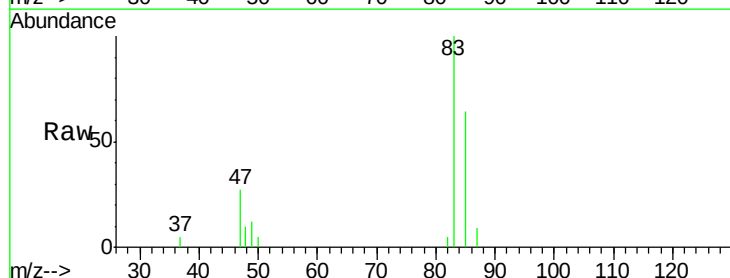


Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC

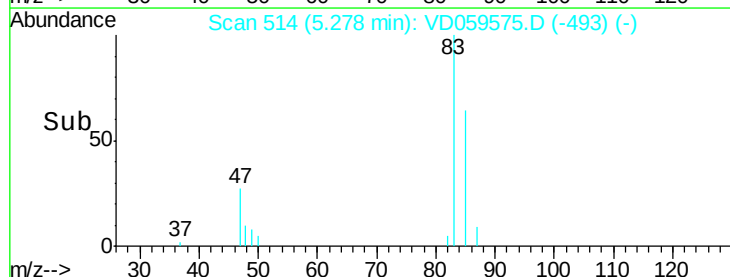
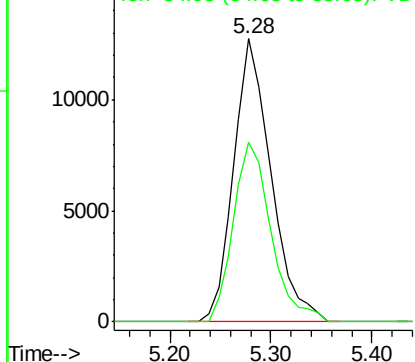


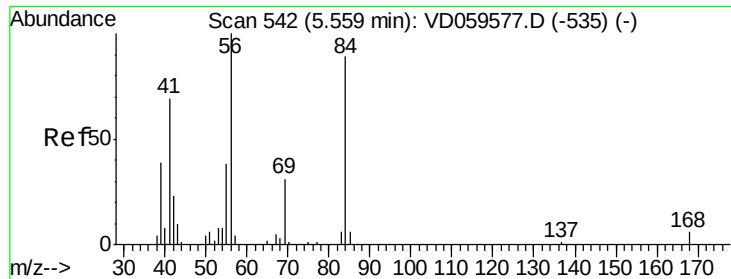
#30  
Chloroform  
Concen: 17.578 ug/l  
RT: 5.28 min Scan# 514  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Tgt Ion: 83 Resp: 32819  
Ion Ratio Lower Upper  
83 100  
85 63.6 53.0 79.6



Abundance Ion 82.95 (82.65 to 83.65): VDC  
Ion 84.95 (84.65 to 85.65): VDC

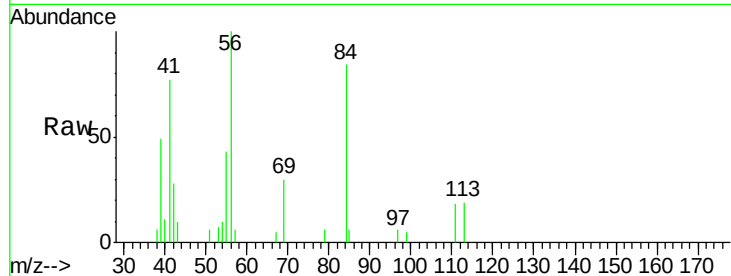




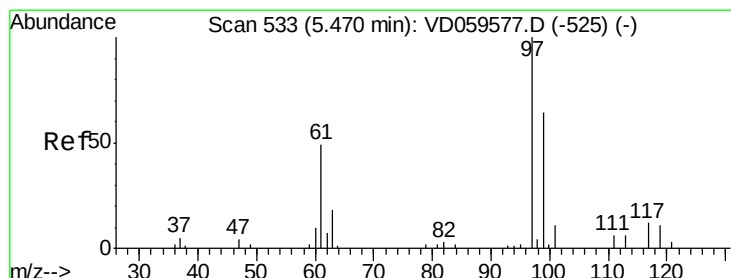
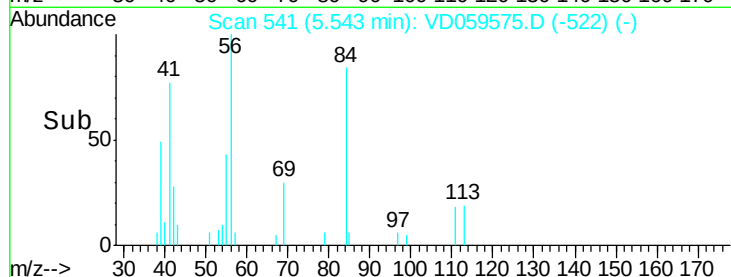
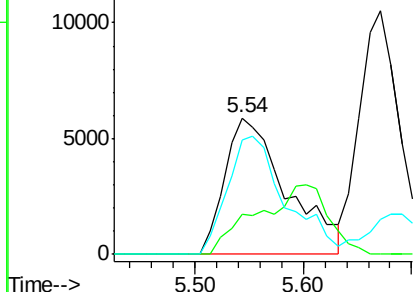
#31  
Cyclohexane  
Concen: 20.850 ug/l  
RT: 5.54 min Scan# 541  
Delta R.T. -0.02 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tot Ion: 56 Resp: 23392  
Ion Ratio Lower Upper  
56 100  
69 29.9 24.6 37.0  
84 84.1 72.7 109.1

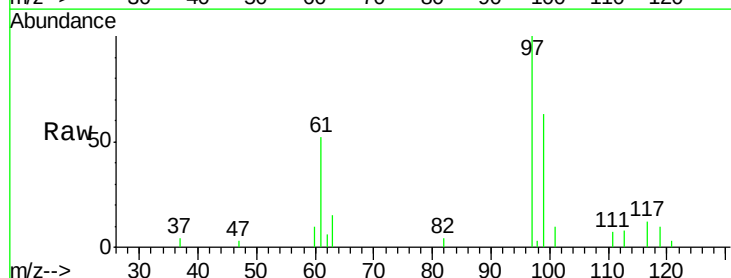


Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC

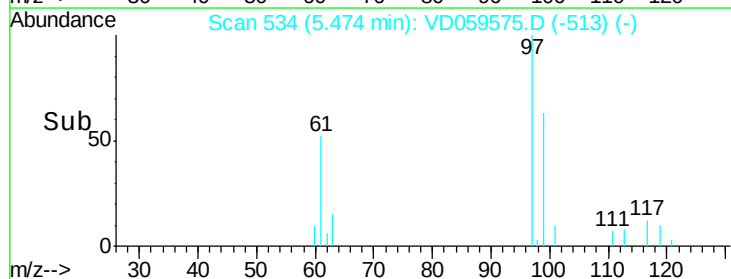
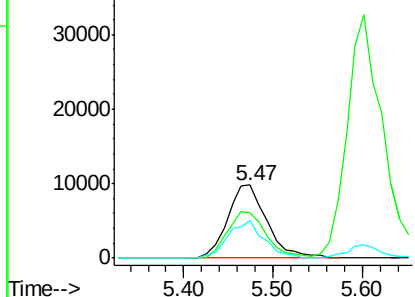


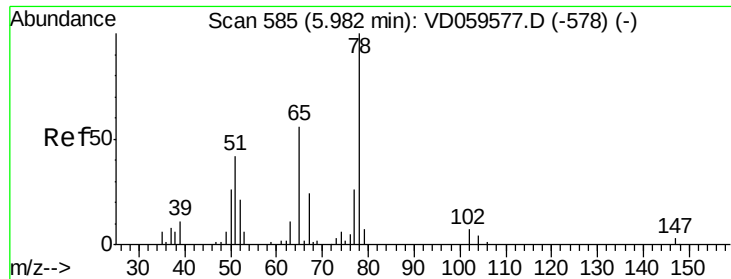
#32  
1,1,1-Trichloroethane  
Concen: 18.020 ug/l  
RT: 5.47 min Scan# 534  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Tgt Ion: 97 Resp: 30075  
Ion Ratio Lower Upper  
97 100  
99 62.8 50.9 76.3  
61 51.9 39.2 58.8



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

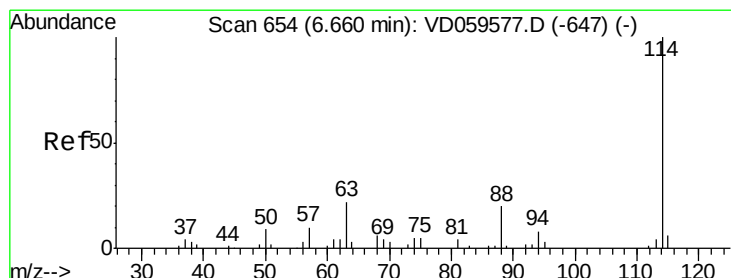
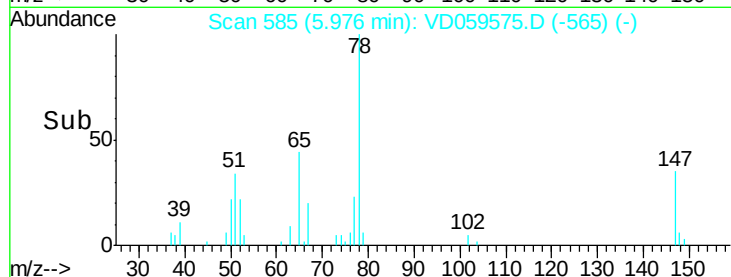
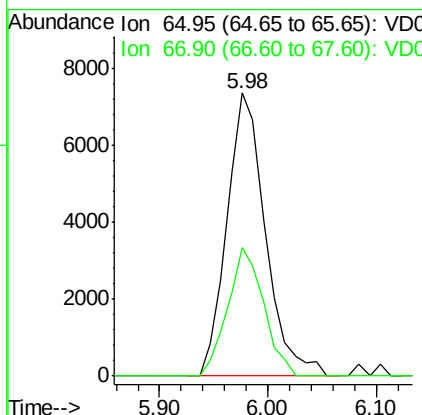
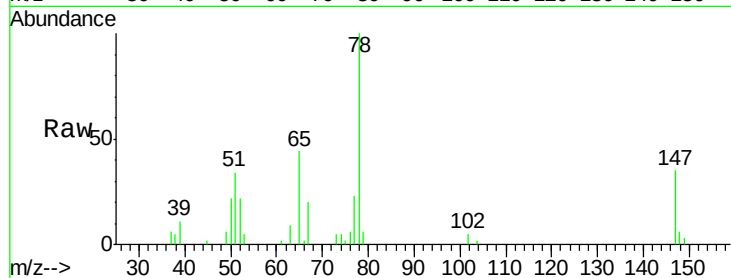




#33  
 1,2-Dichloroethane-d4  
 Concen: 18.020 ug/l  
 RT: 5.98 min Scan# 585  
 Delta R.T. -0.01 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

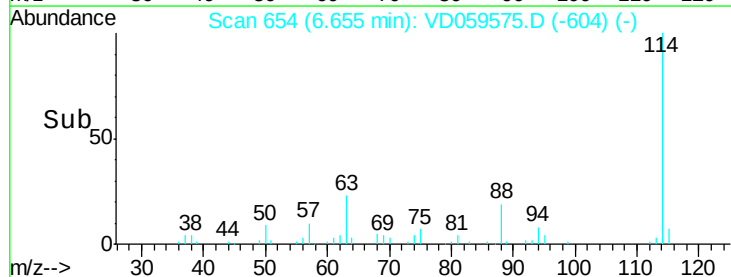
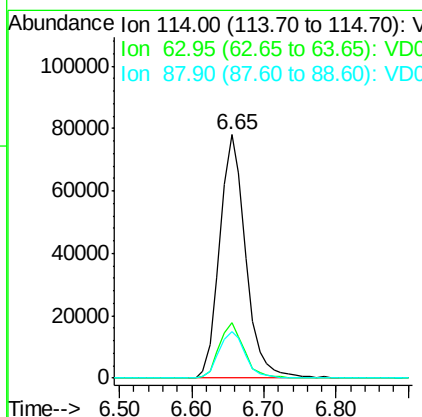
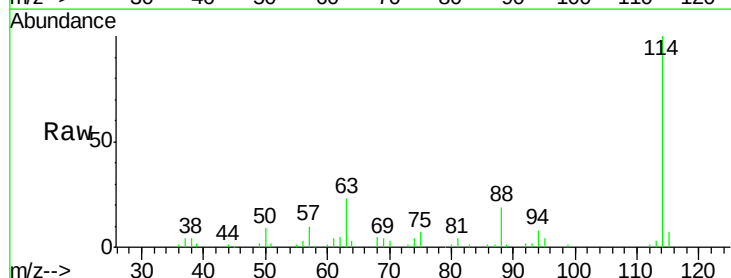
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

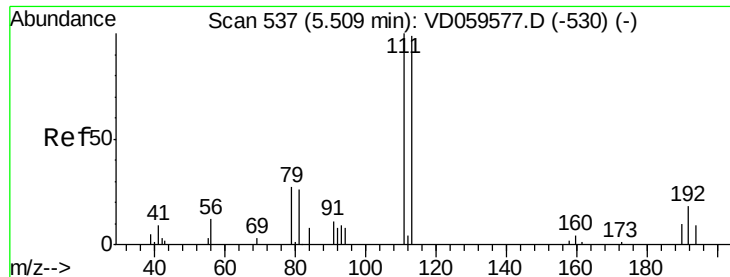
Tot Ion: 65 Resp: 18150  
 Ion Ratio Lower Upper  
 65 100  
 67 45.4 0.0 86.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.65 min Scan# 654  
 Delta R.T. -0.01 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

Tgt Ion: 114 Resp: 194135  
 Ion Ratio Lower Upper  
 114 100  
 63 22.7 0.0 43.8  
 88 19.0 0.0 39.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.50 min Scan# 537

Delta R.T. -0.01 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

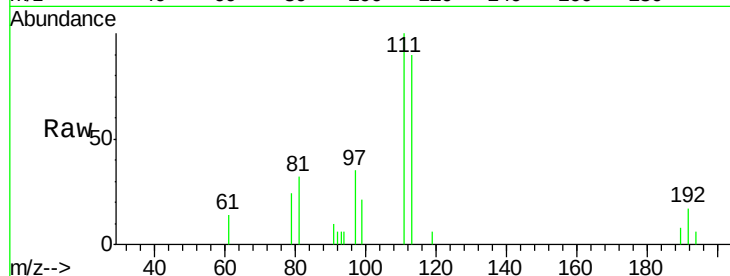
Tot Ion:113 Resp: 16276

Ion Ratio Lower Upper

113 100

111 111.0 80.5 120.7

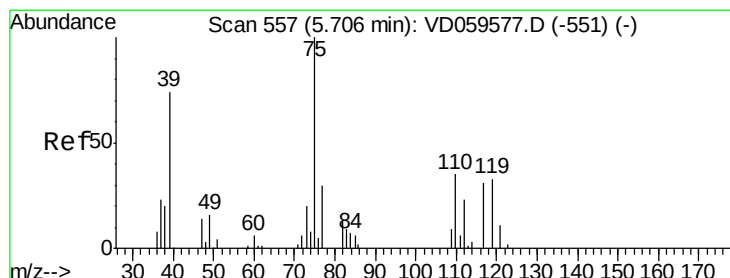
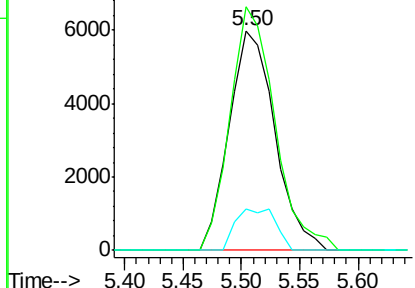
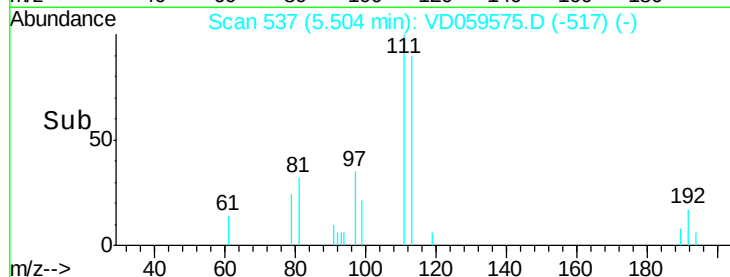
192 19.0 14.5 21.7



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: 13.572 ug/l

RT: 5.71 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

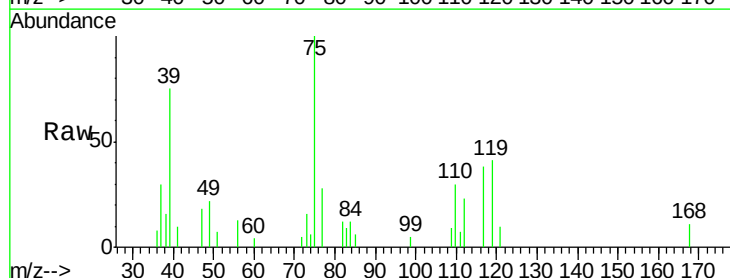
Tgt Ion: 75 Resp: 21975

Ion Ratio Lower Upper

75 100

110 29.7 17.0 50.9

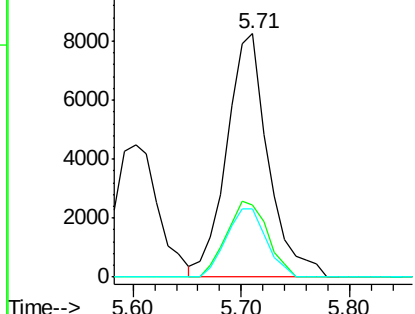
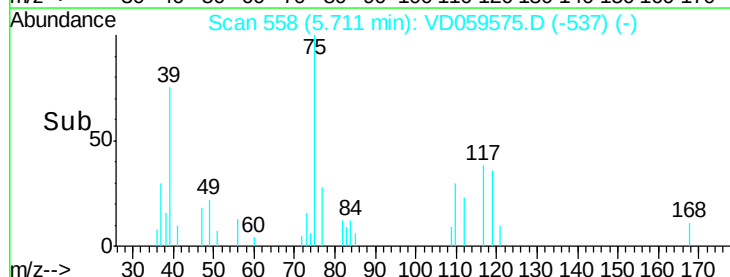
77 28.1 23.6 35.4

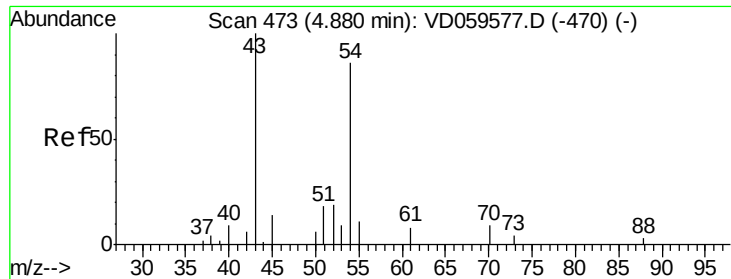


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

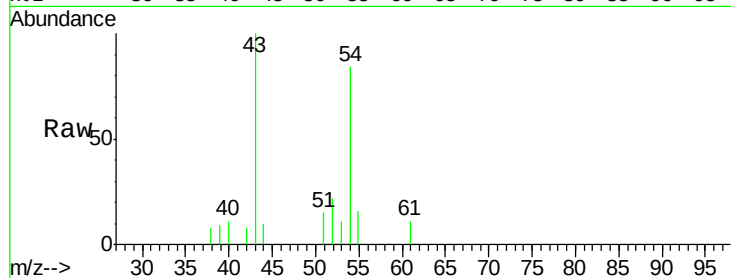




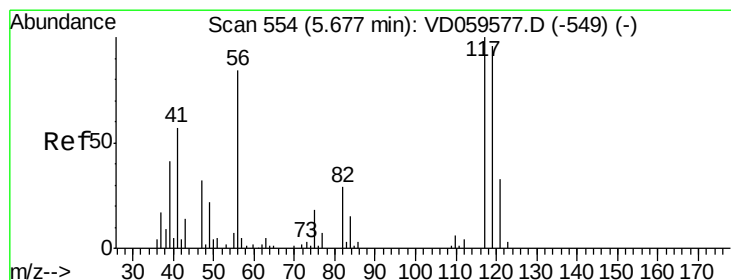
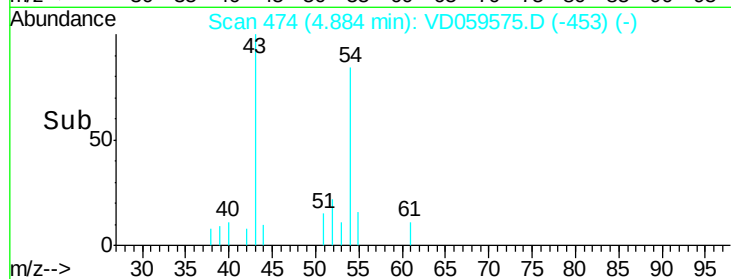
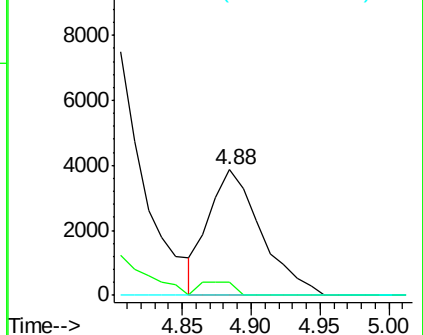
#37  
Ethyl Acetate  
Concen: 14.381 ug/l  
RT: 4.88 min Scan# 474  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tot Ion: 43 Resp: 10277  
Ion Ratio Lower Upper  
43 100  
61 11.0 10.7 16.1  
70 0.0 5.4 8.0#

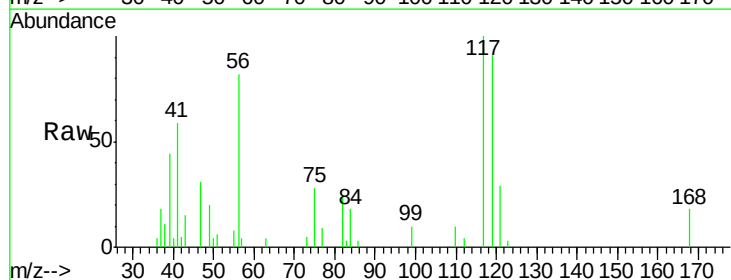


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 70.00 (69.70 to 70.70): VDC

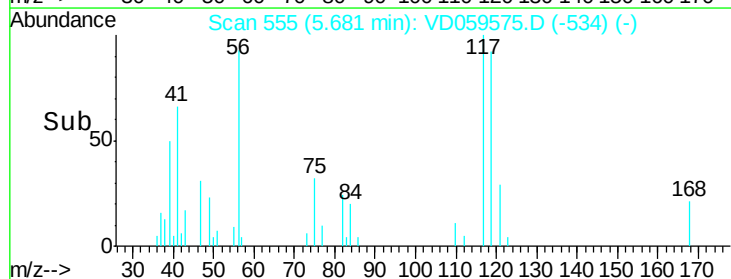
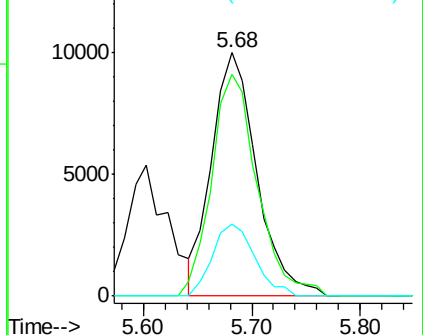


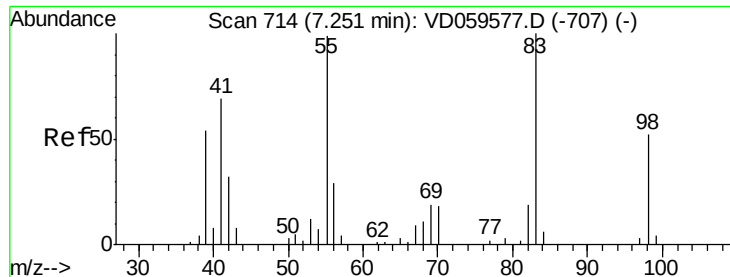
#38  
Carbon Tetrachloride  
Concen: 14.337 ug/l  
RT: 5.68 min Scan# 555  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Tgt Ion: 117 Resp: 28895  
Ion Ratio Lower Upper  
117 100  
119 90.9 73.6 110.4  
121 29.4 25.0 37.6



Abundance Ion 116.85 (116.55 to 117.55): V  
Ion 118.85 (118.55 to 119.55): V  
Ion 120.85 (120.55 to 121.55): V

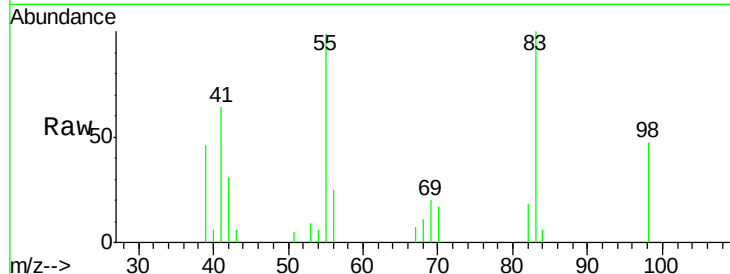




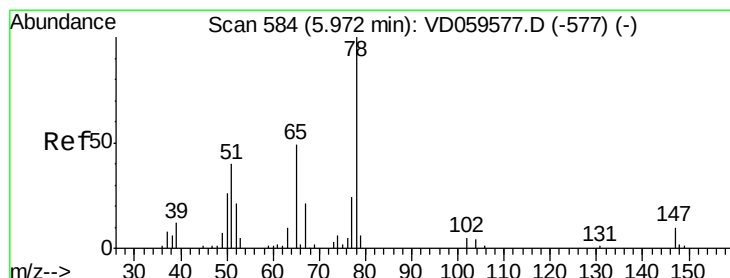
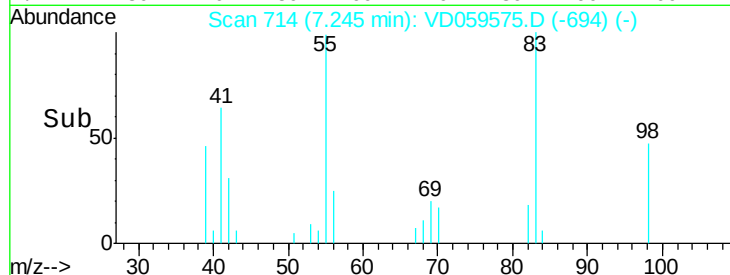
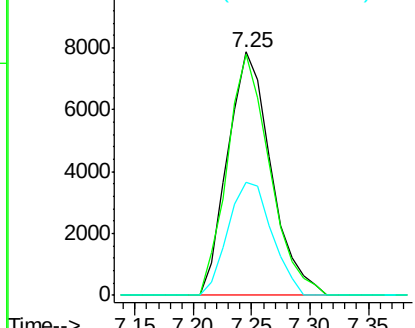
#39  
Methylvlcyclohexane  
Concen: 12.971 ug/l  
RT: 7.25 min Scan# 714  
Delta R.T. -0.01 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tot Ion: 83 Resp: 20359  
Ion Ratio Lower Upper  
83 100  
55 99.1 79.4 119.0  
98 46.6 41.6 62.4

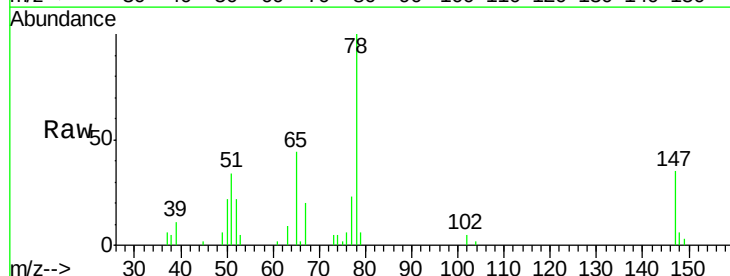


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

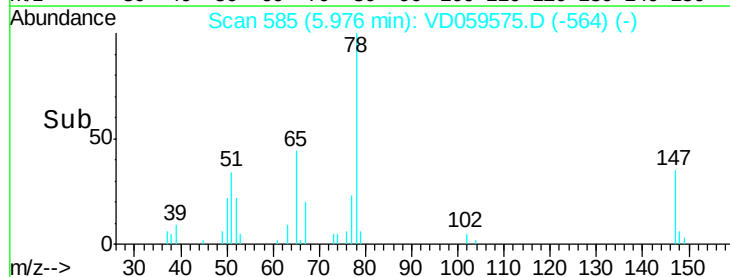
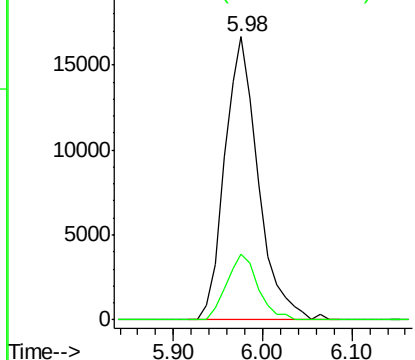


#40  
Benzene  
Concen: 11.658 ug/l  
RT: 5.98 min Scan# 585  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

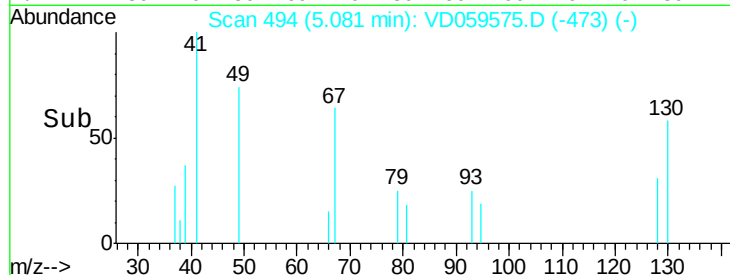
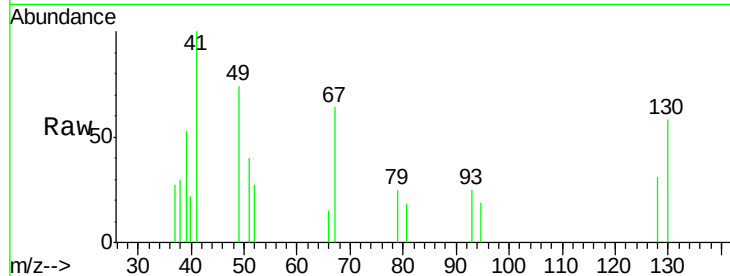
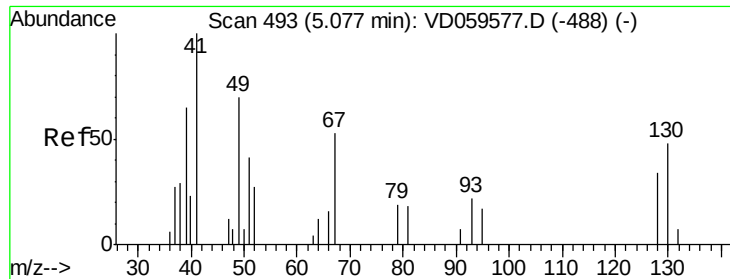
Tgt Ion: 78 Resp: 43807  
Ion Ratio Lower Upper  
78 100  
77 23.2 19.0 28.6



Abundance Ion 77.95 (77.65 to 78.65): VDC  
Ion 76.95 (76.65 to 77.65): VDC



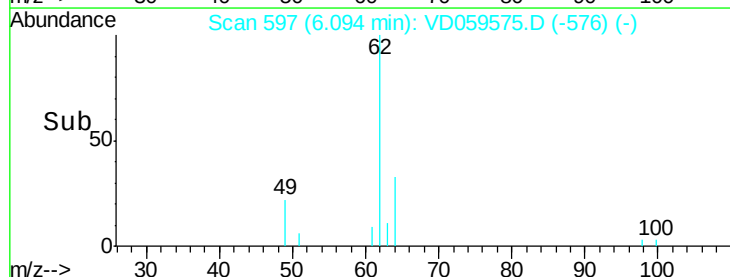
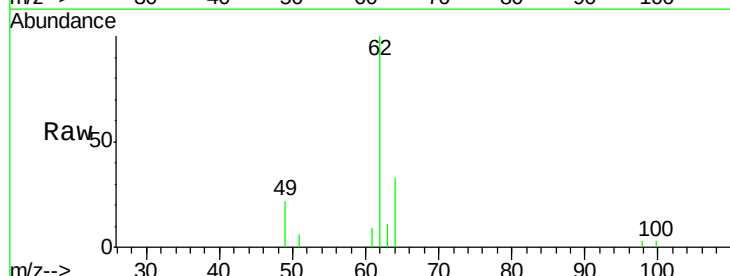
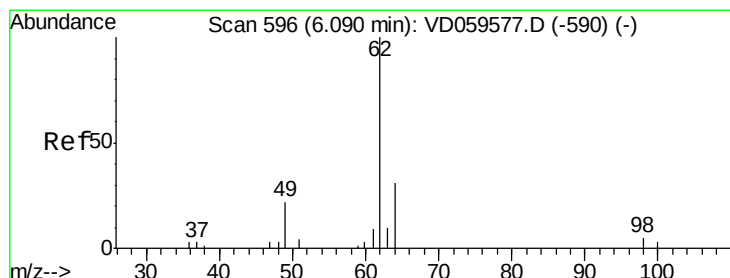
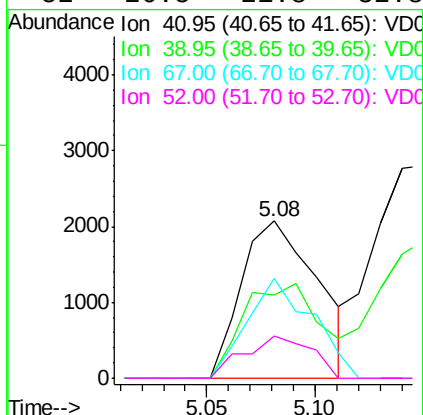




#41  
Methacrylonitrile  
Concen: 14.162 ug/l  
RT: 5.08 min Scan# 494  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

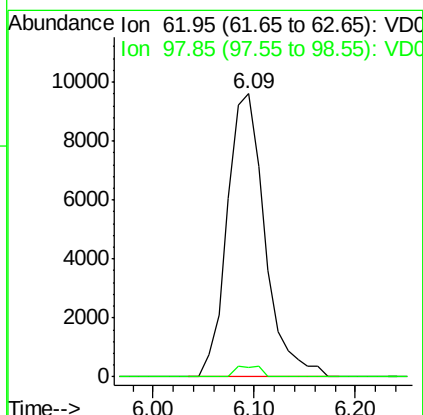
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

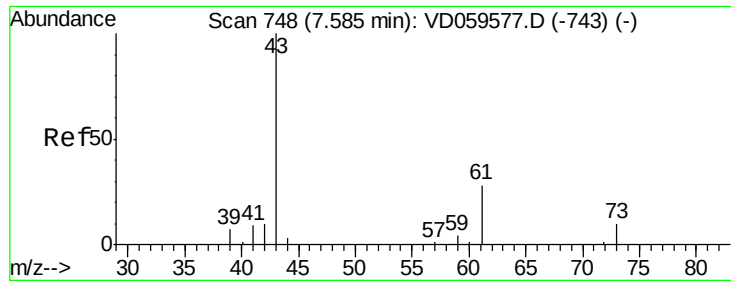
Tot Ion: 41 Resp: 5078  
Ion Ratio Lower Upper  
41 100  
39 53.1 52.1 78.1  
67 63.7 42.5 63.7  
52 26.5 21.8 32.8



#42  
1,2-Dichloroethane  
Concen: 15.476 ug/l  
RT: 6.09 min Scan# 597  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Tgt Ion: 62 Resp: 24939  
Ion Ratio Lower Upper  
62 100  
98 3.5 0.0 10.2





#43

Isopropyl Acetate

Concen: 14.764 ug/l

RT: 7.59 min Scan# 749

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

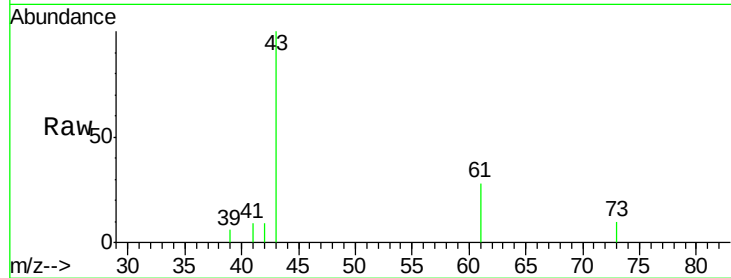
Tot Ion: 43 Resp: 14571

Ion Ratio Lower Upper

43 100

61 28.3 22.0 33.0

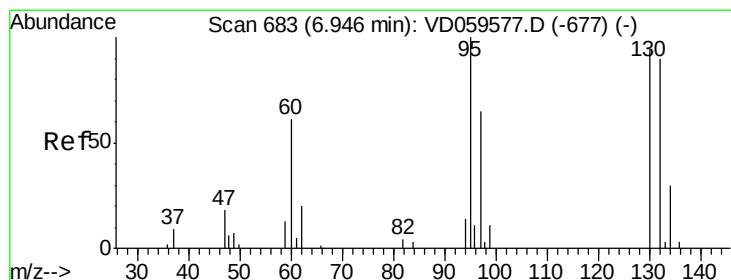
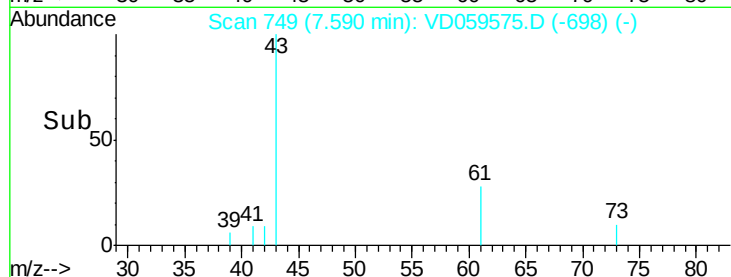
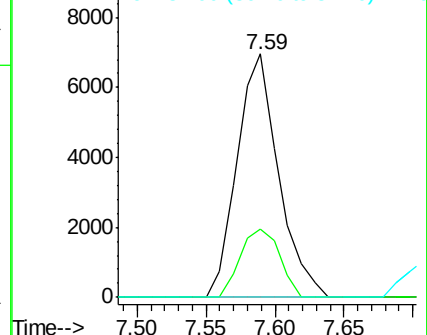
87 0.0 0.0 0.0



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: 9.992 ug/l

RT: 6.95 min Scan# 684

Delta R.T. 0.00 min

Lab File: VD059575.D

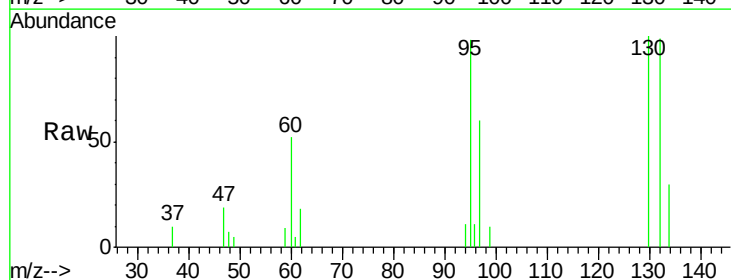
Acq: 24 Jul 2018 17:17

Tgt Ion:130 Resp: 16469

Ion Ratio Lower Upper

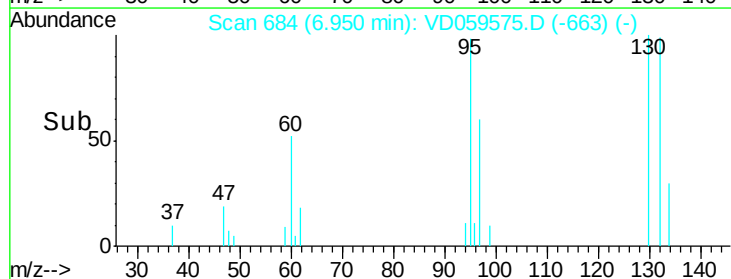
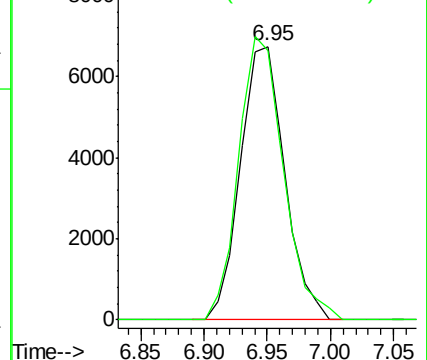
130 100

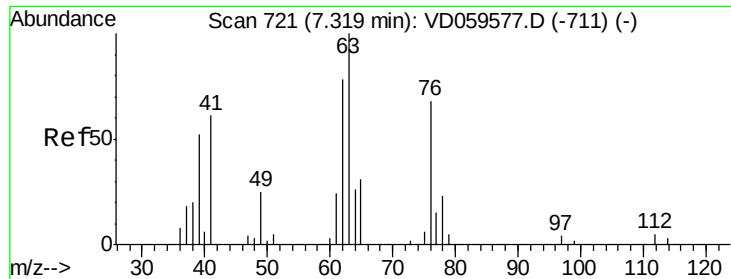
95 98.4 0.0 213.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

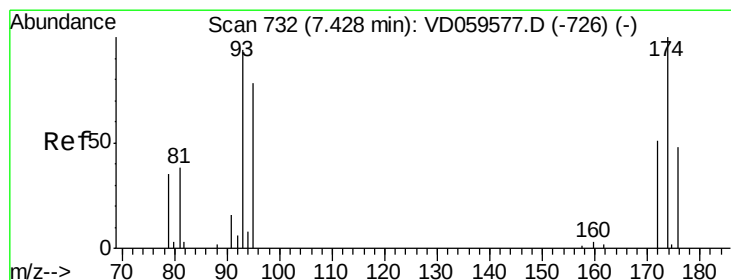
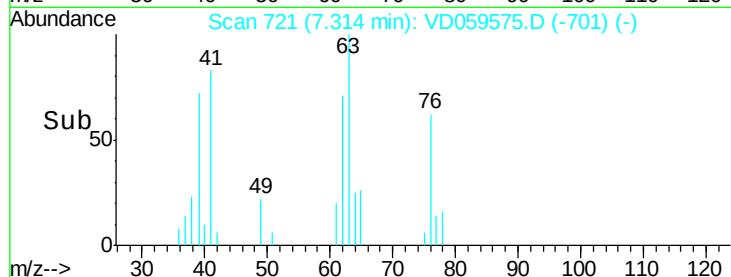
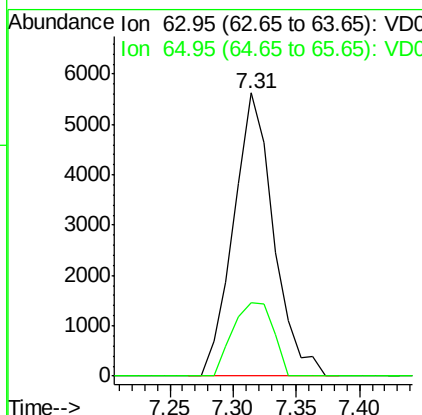
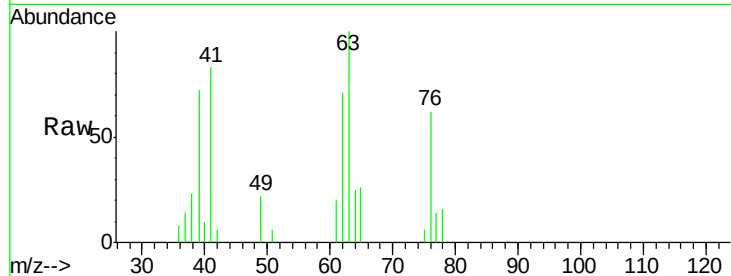




#45  
 1,2-Dichloropropane  
 Concen: 12.944 ug/l  
 RT: 7.31 min Scan# 721  
 Delta R.T. -0.01 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

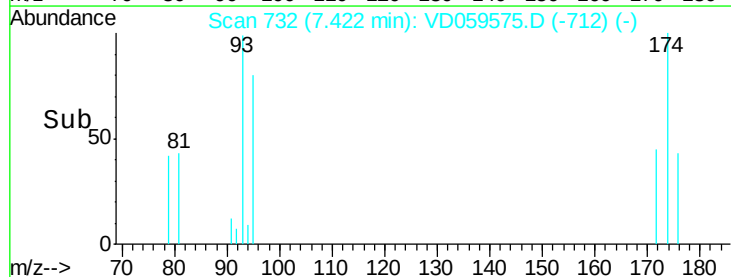
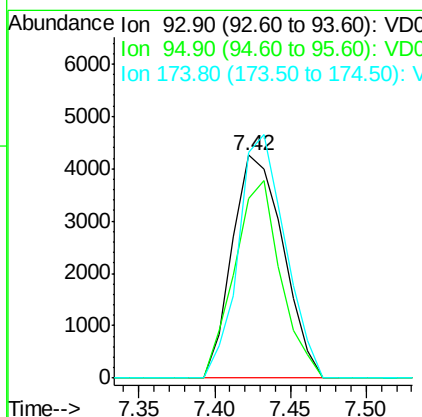
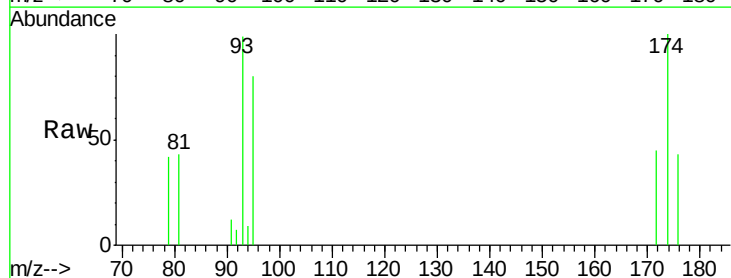
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

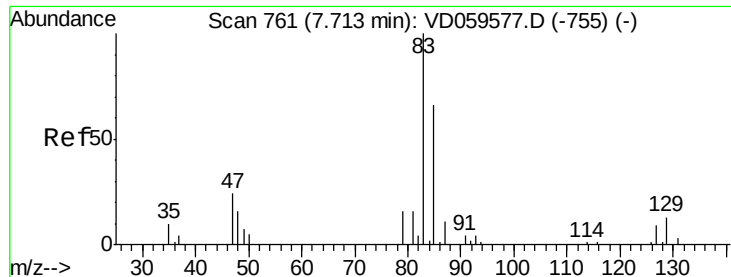
Tot Ion: 63 Resp: 12360  
 Ion Ratio Lower Upper  
 63 100  
 65 25.8 24.9 37.3



#46  
 Dibromomethane  
 Concen: 13.301 ug/l  
 RT: 7.42 min Scan# 732  
 Delta R.T. -0.01 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

Tgt Ion: 93 Resp: 9955  
 Ion Ratio Lower Upper  
 93 100  
 95 80.6 65.8 98.8  
 174 101.2 84.7 127.1





#47

Bromodichloromethane

Concen: 13.986 ug/l

RT: 7.71 min Scan# 761

Delta R.T. -0.01 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

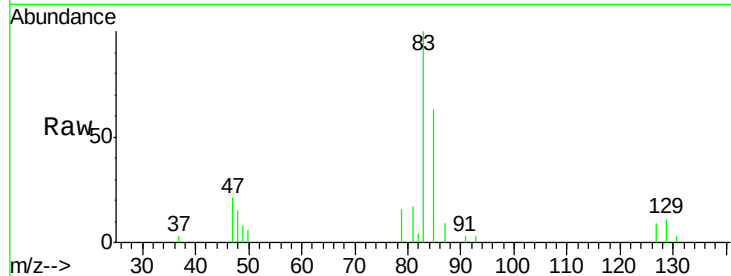
Tot Ion: 83 Resp: 24575

Ion Ratio Lower Upper

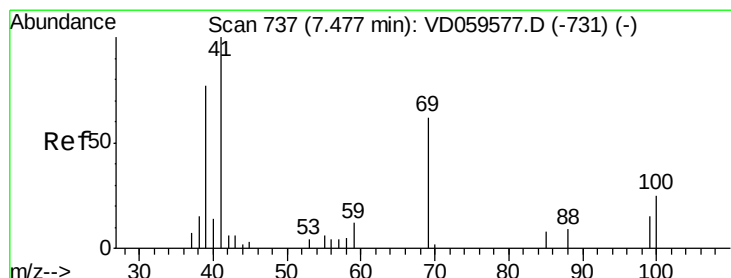
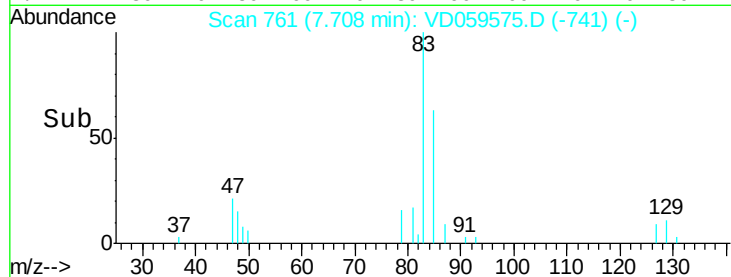
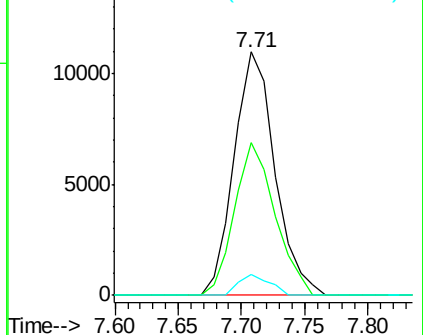
83 100

85 62.6 53.1 79.7

127 8.6 7.4 11.0



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



#48

Methyl methacrylate

Concen: 14.060 ug/l

RT: 7.47 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

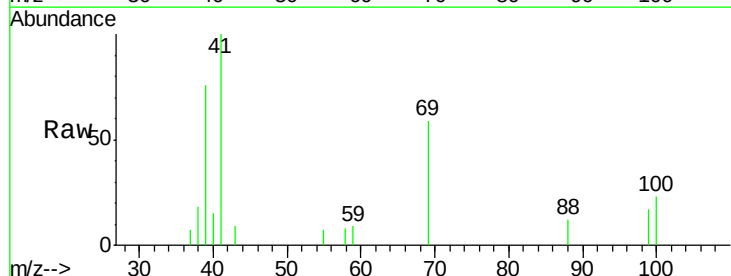
Tgt Ion: 41 Resp: 9293

Ion Ratio Lower Upper

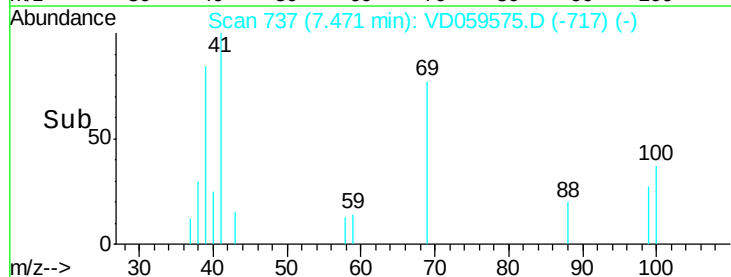
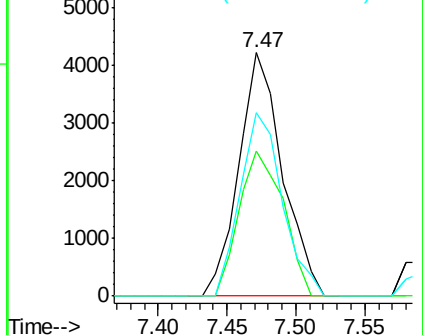
41 100

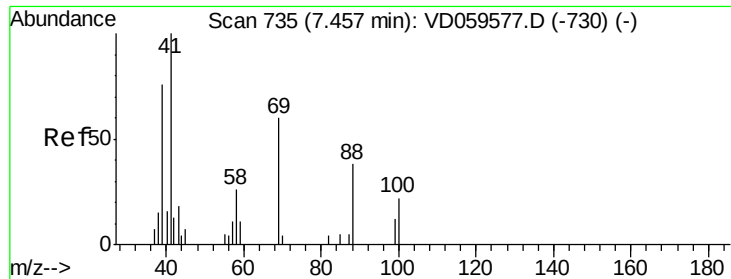
69 59.4 49.4 74.0

39 75.5 61.3 91.9



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

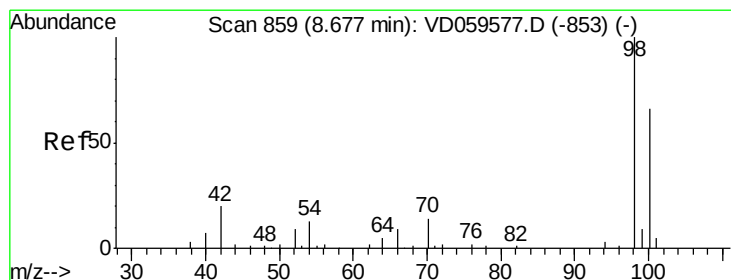
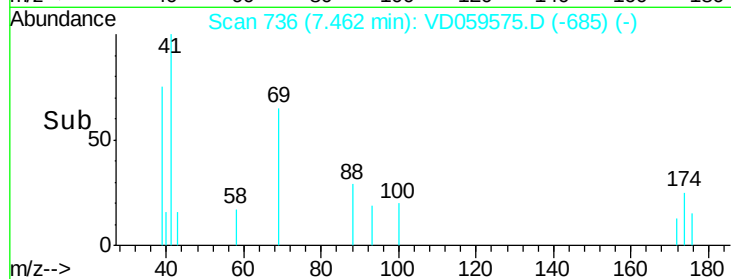
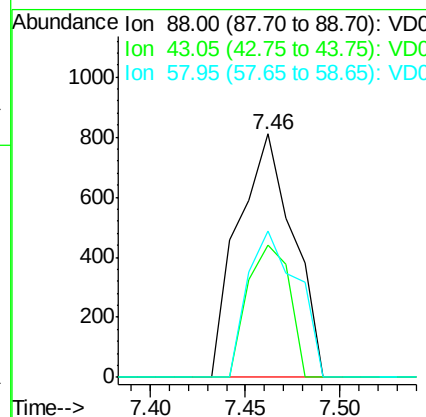
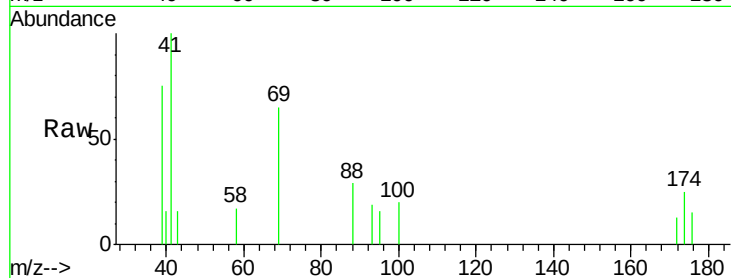




#49  
1,4-Dioxane  
Concen: 232.146 ug/l  
RT: 7.46 min Scan# 736  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

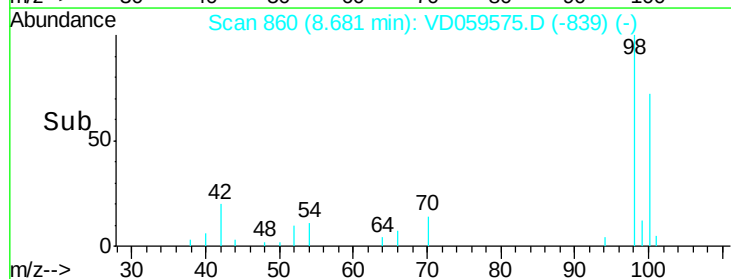
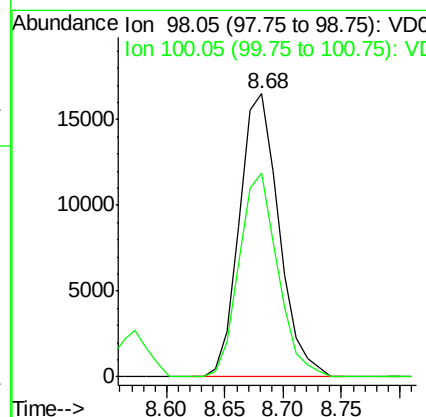
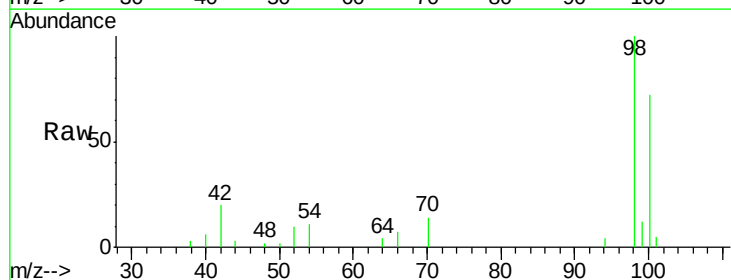
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

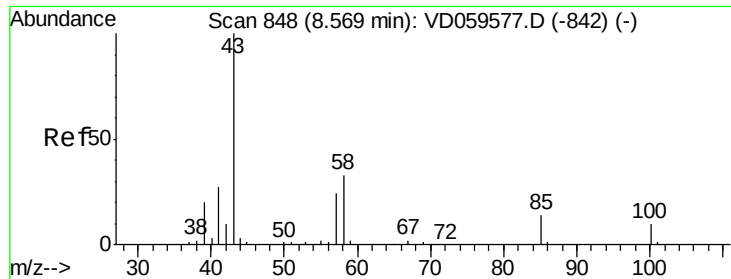
Tot Ion: 88 Resp: 1631  
Ion Ratio Lower Upper  
88 100  
43 54.3 37.4 56.2  
58 60.0 55.6 83.4



#50  
Toluene-d8  
Concen: 232.146 ug/l  
RT: 8.68 min Scan# 860  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Tgt Ion: 98 Resp: 38804  
Ion Ratio Lower Upper  
98 100  
100 72.2 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 78.080 ug/l

RT: 8.56 min Scan# 848

Delta R.T. -0.01 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

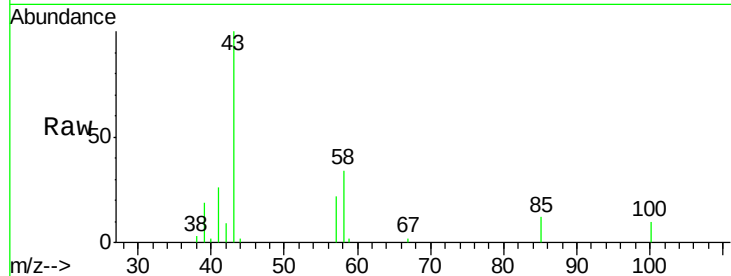
VSTDIC010

Tot Ion: 43 Resp: 51714

Ion Ratio Lower Upper

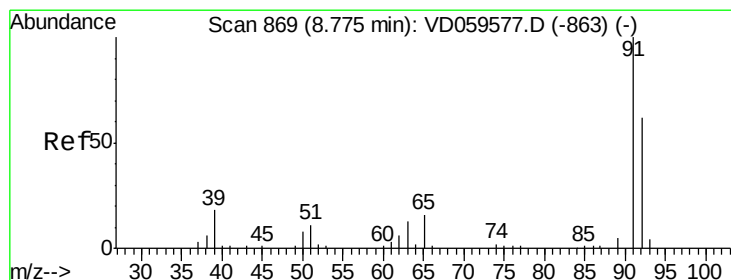
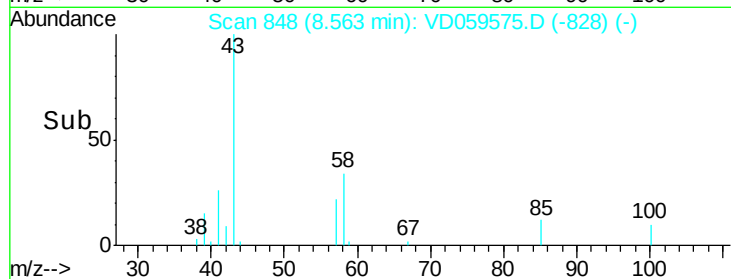
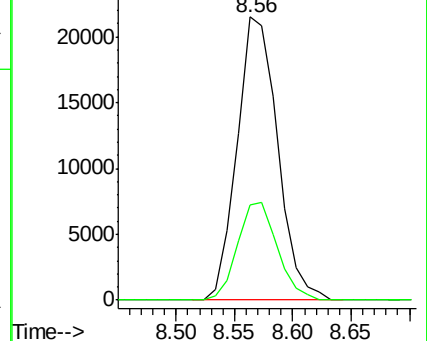
43 100

58 33.7 26.3 39.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 12.818 ug/l

RT: 8.77 min Scan# 869

Delta R.T. -0.01 min

Lab File: VD059575.D

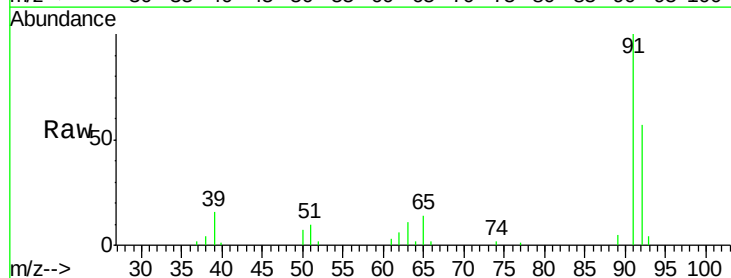
Acq: 24 Jul 2018 17:17

Tgt Ion: 92 Resp: 30956

Ion Ratio Lower Upper

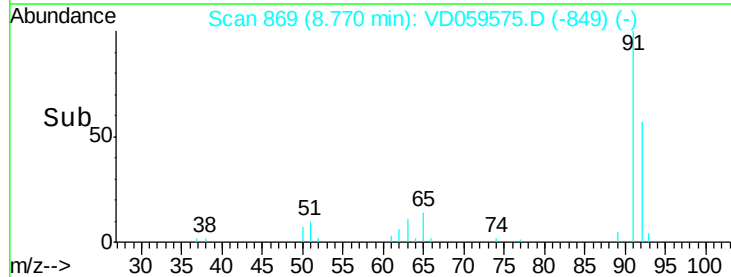
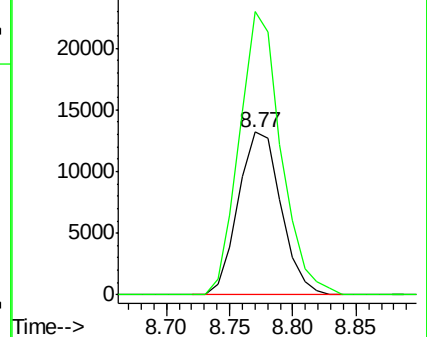
92 100

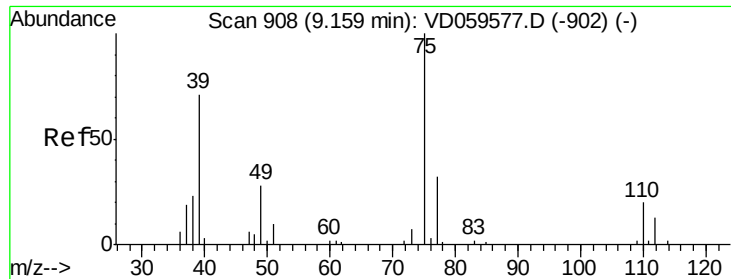
91 174.2 129.4 194.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

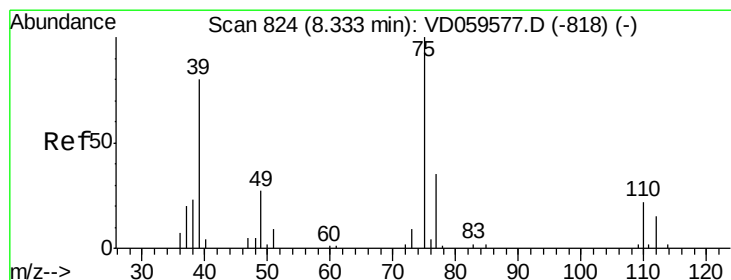
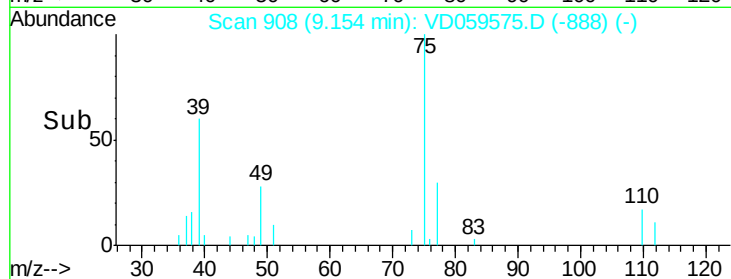
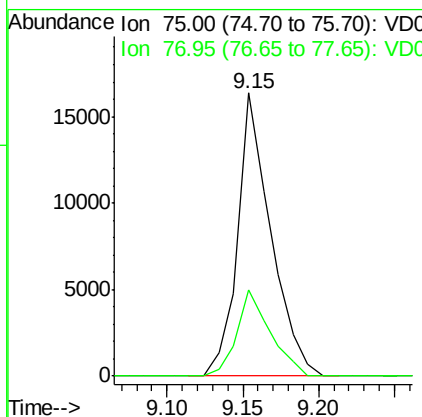
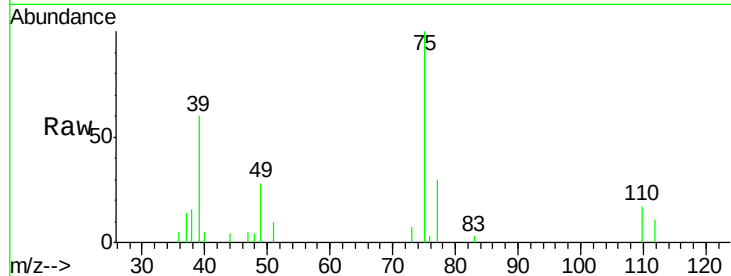




#53  
 t-1,3-Dichloropropene  
 Concen: 17.696 ug/l  
 RT: 9.15 min Scan# 908  
 Delta R.T. -0.01 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

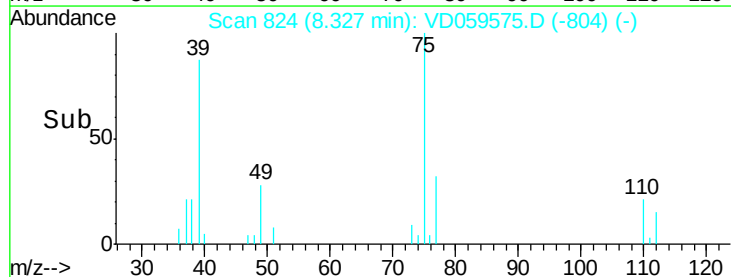
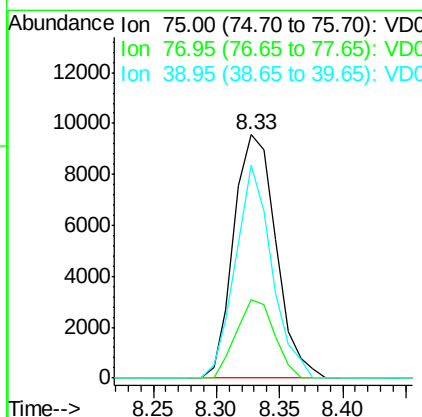
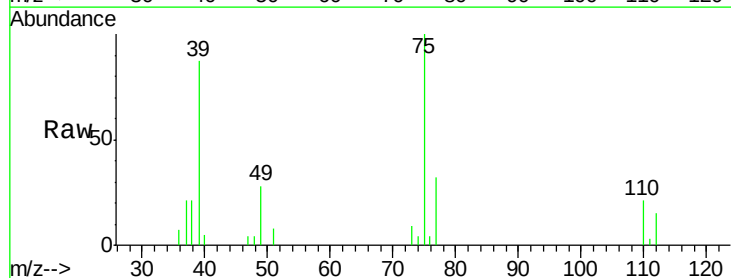
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

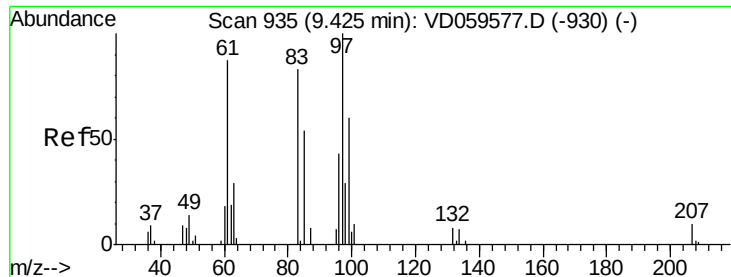
Tot Ion: 75 Resp: 24834  
 Ion Ratio Lower Upper  
 75 100  
 77 30.3 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 14.391 ug/l  
 RT: 8.33 min Scan# 824  
 Delta R.T. -0.01 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

Tgt Ion: 75 Resp: 22203  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 27.7 41.5  
 39 87.5 63.8 95.8

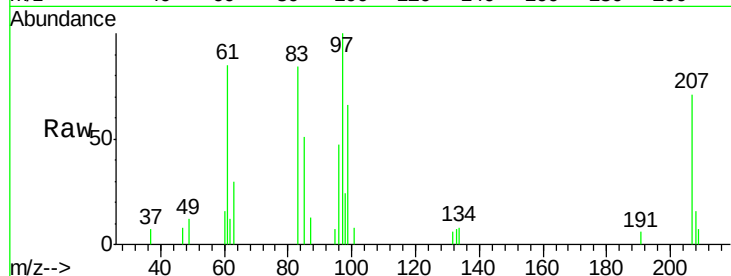




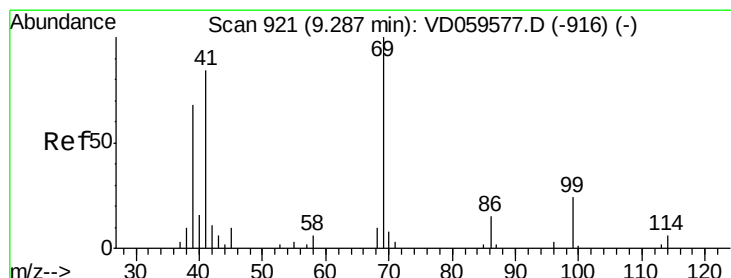
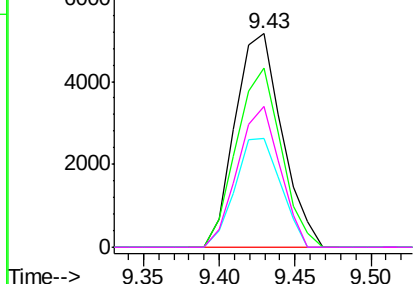
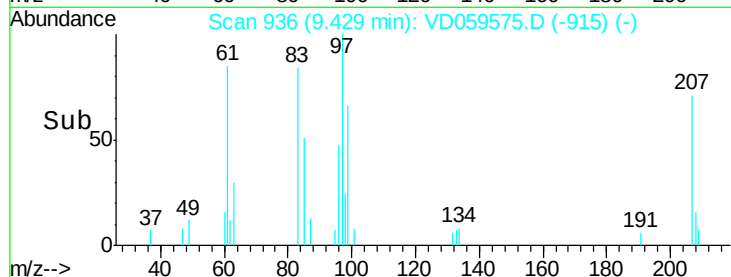
#55  
 1,1,2-Trichloroethane  
 Concen: 12.755 ug/l  
 RT: 9.43 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Tot Ion: 97 Resp: 11121  
 Ion Ratio Lower Upper  
 97 100  
 83 83.8 66.3 99.5  
 85 51.0 43.0 64.6  
 99 65.7 47.7 71.5

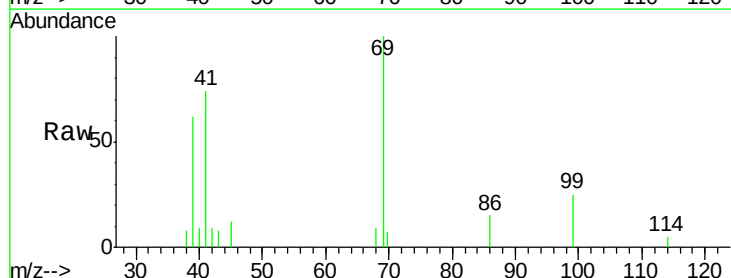


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

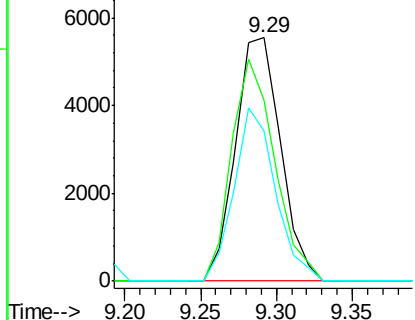
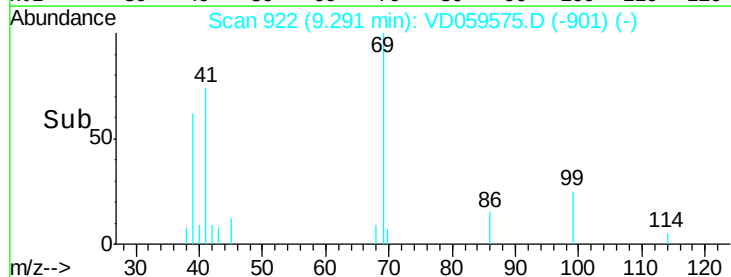


#56  
 Ethyl methacrylate  
 Concen: 12.136 ug/l  
 RT: 9.29 min Scan# 922  
 Delta R.T. 0.00 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

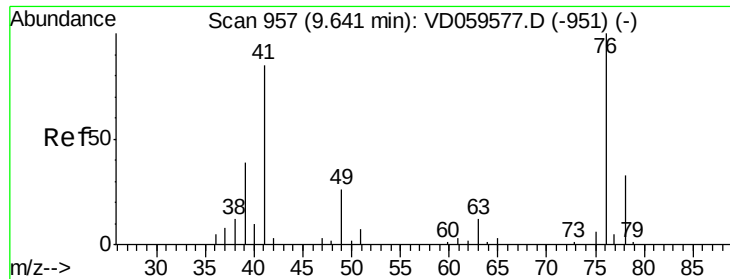
Tgt Ion: 69 Resp: 11500  
 Ion Ratio Lower Upper  
 69 100  
 41 74.2 66.8 100.2  
 39 61.5 54.7 82.1



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



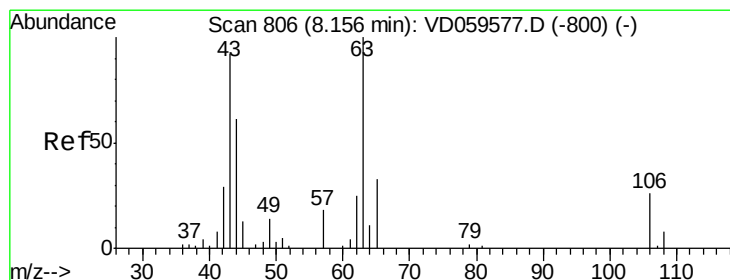
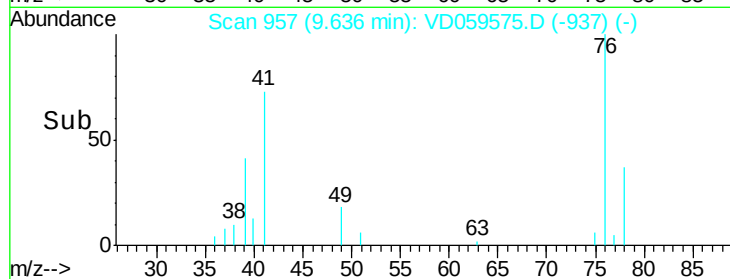
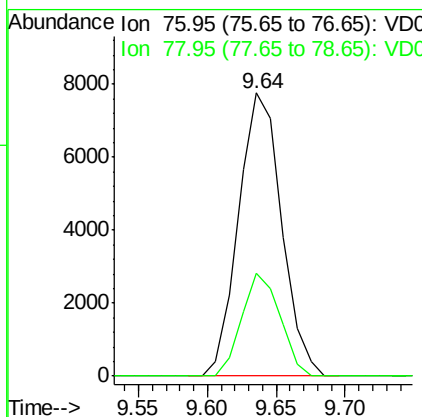
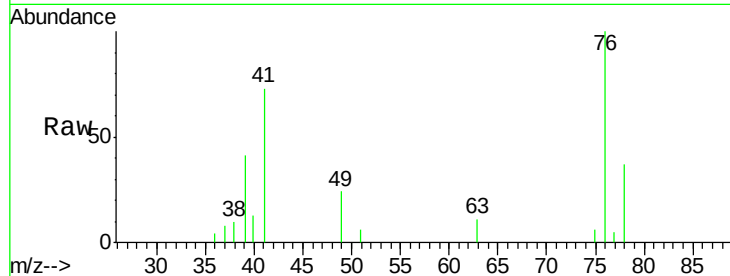




#57  
 1,3-Dichloropropane  
 Concen: 12.491 ug/l  
 RT: 9.64 min Scan# 957  
 Delta R.T. -0.01 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

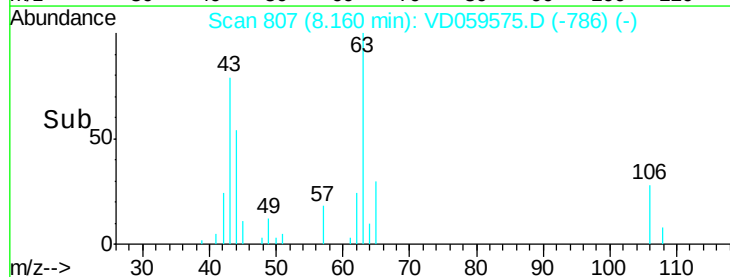
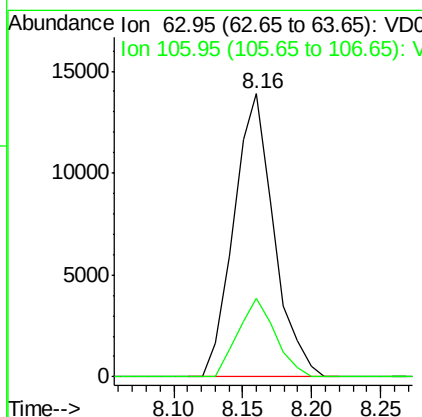
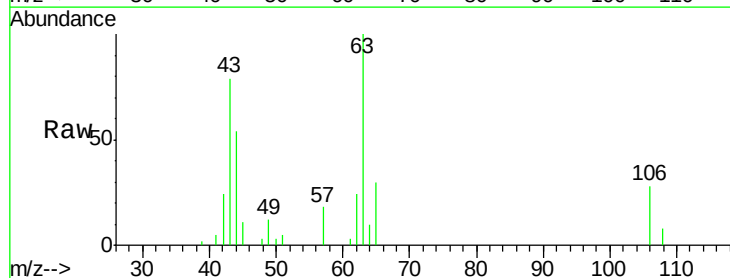
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

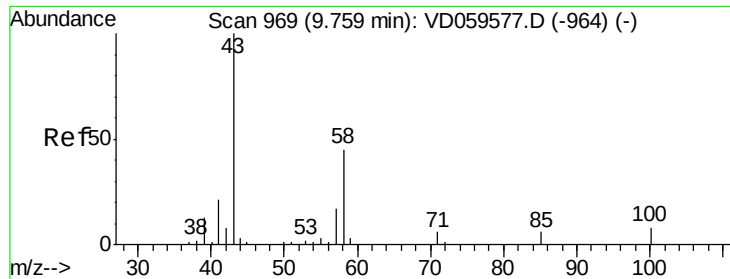
Tot Ion: 76 Resp: 16904  
 Ion Ratio Lower Upper  
 76 100  
 78 36.6 26.0 39.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 65.299 ug/l  
 RT: 8.16 min Scan# 807  
 Delta R.T. 0.00 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

Tgt Ion: 63 Resp: 28054  
 Ion Ratio Lower Upper  
 63 100  
 106 27.9 21.0 31.6

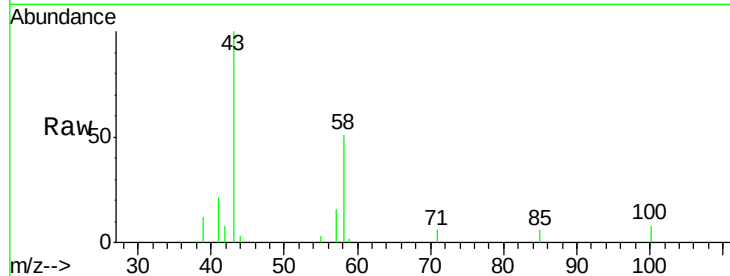




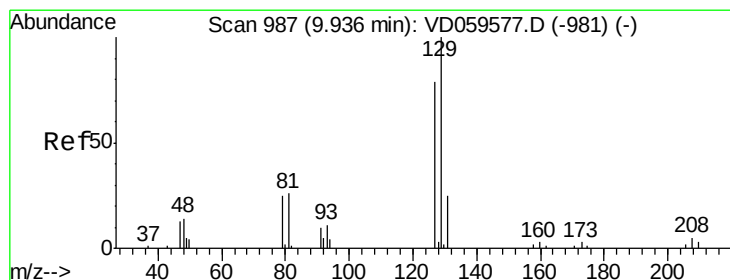
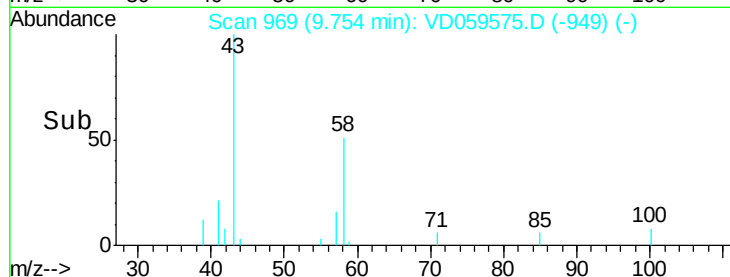
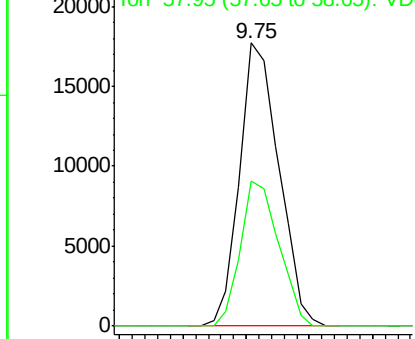
#59  
2-Hexanone  
Concen: 80.707 ug/l  
RT: 9.75 min Scan# 969  
Delta R.T. -0.01 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tot Ion: 43 Resp: 38370  
Ion Ratio Lower Upper  
43 100  
58 51.3 22.7 68.1

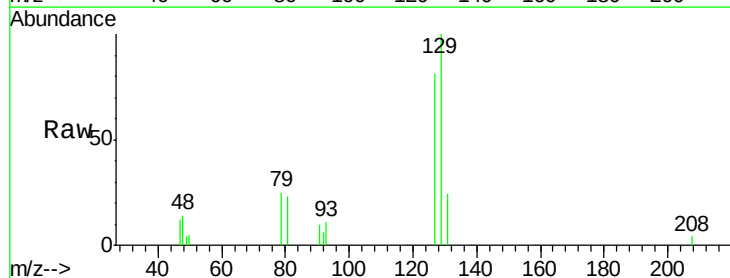


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

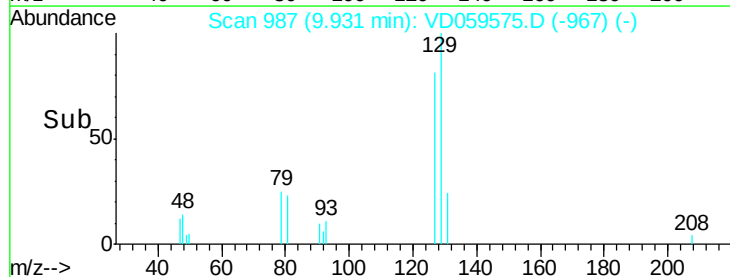
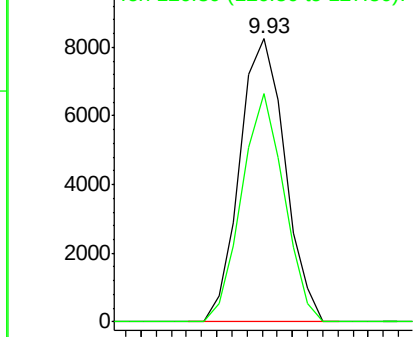


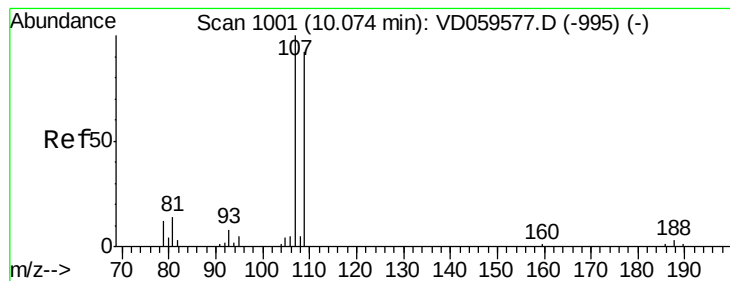
#60  
Dibromochloromethane  
Concen: 10.988 ug/l  
RT: 9.93 min Scan# 987  
Delta R.T. -0.01 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Tgt Ion: 129 Resp: 17192  
Ion Ratio Lower Upper  
129 100  
127 80.6 39.3 117.9



Abundance Ion 128.80 (128.50 to 129.50): V  
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 11.903 ug/l

RT: 10.07 min Scan# 1001

Delta R.T. -0.01 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

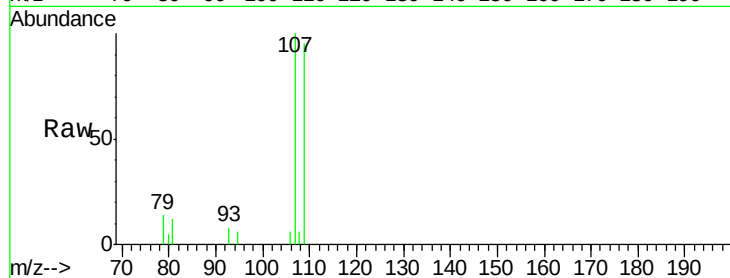
VSTDIC010

Tot Ion:107 Resp: 12212

Ion Ratio Lower Upper

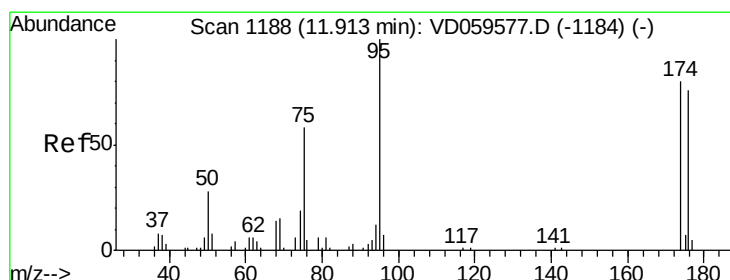
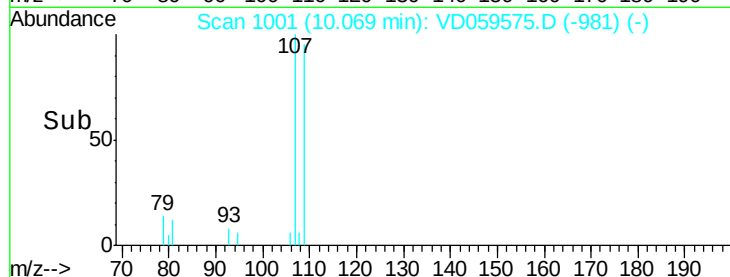
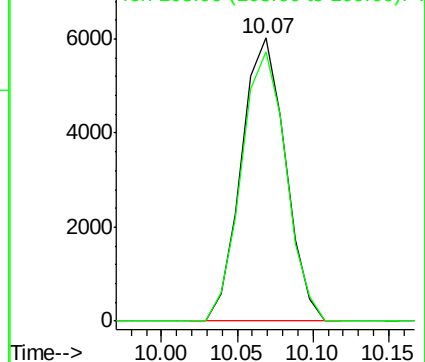
107 100

109 95.3 73.4 110.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 11.903 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

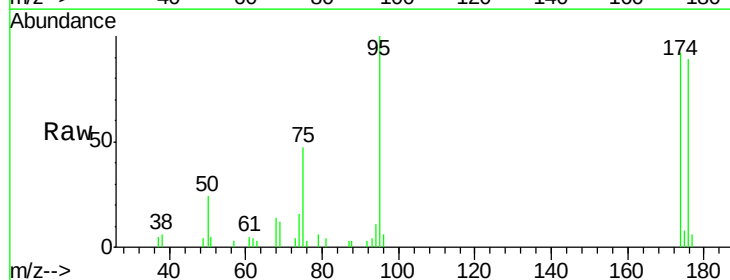
Tgt Ion: 95 Resp: 17608

Ion Ratio Lower Upper

95 100

174 92.3 0.0 160.6

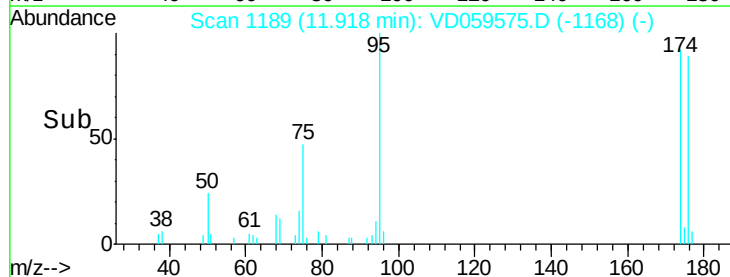
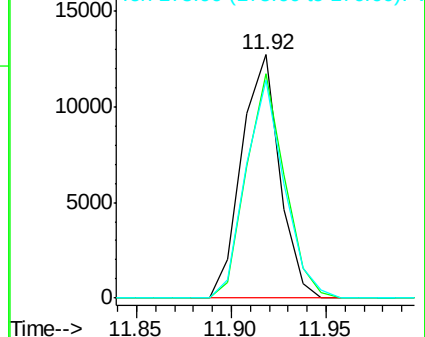
176 89.5 0.0 152.8

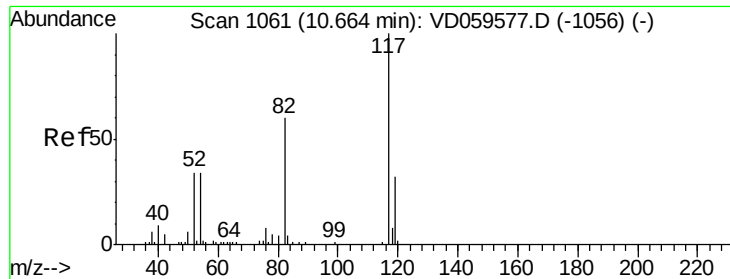


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

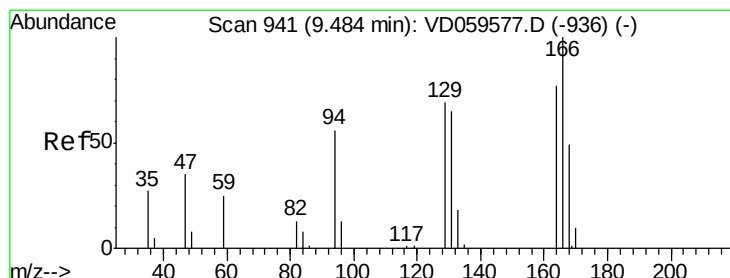
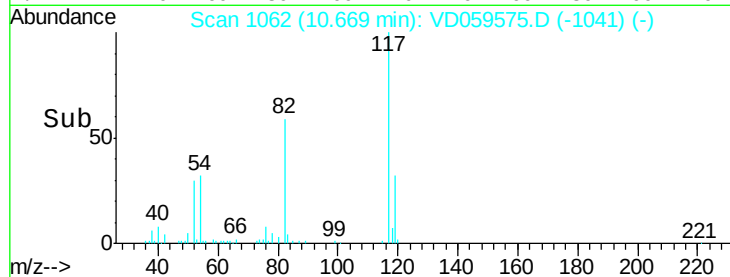
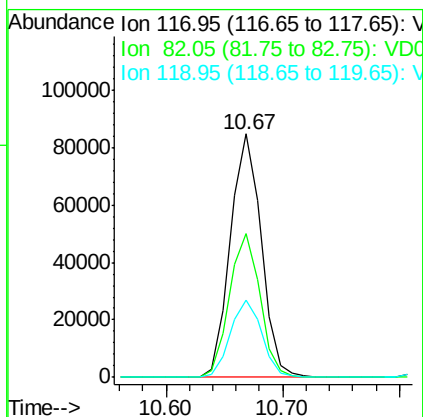
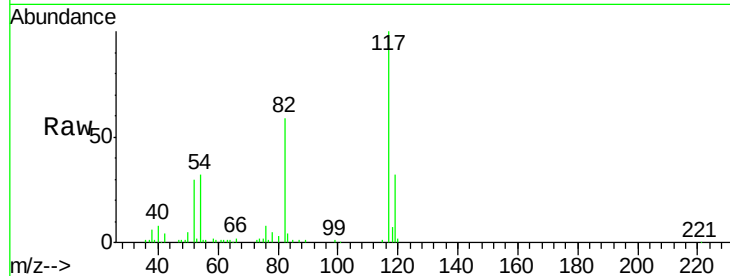




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.67 min Scan# 1062  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

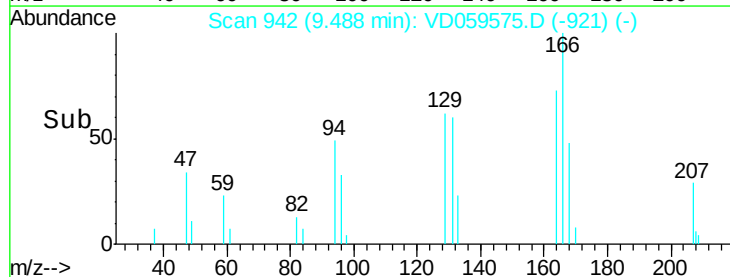
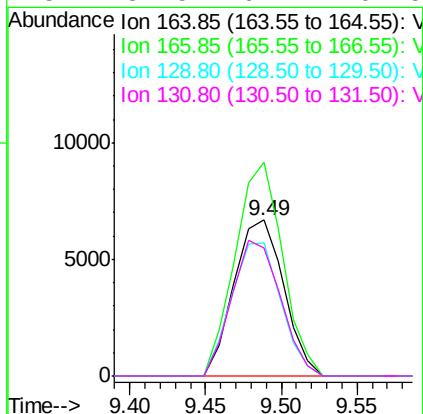
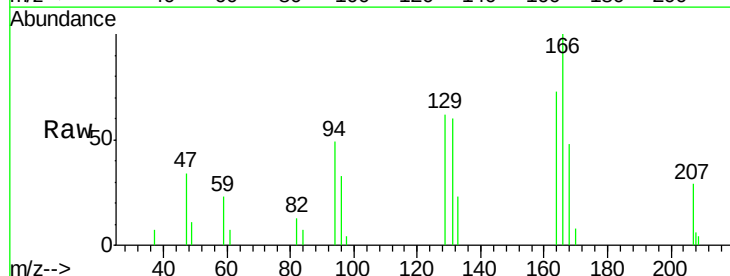
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

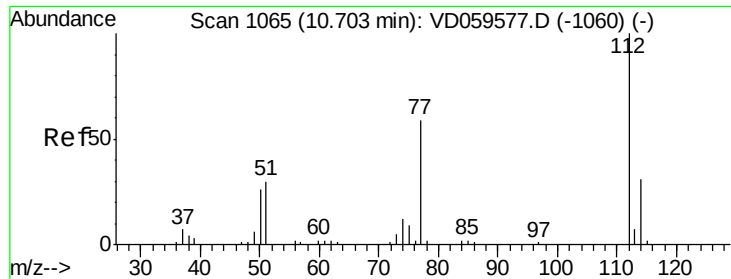
Tot Ion:117 Resp: 155955  
Ion Ratio Lower Upper  
117 100  
82 58.9 48.2 72.2  
119 31.6 25.4 38.2



#64  
Tetrachloroethene  
Concen: 7.326 ug/l  
RT: 9.49 min Scan# 942  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Tgt Ion:164 Resp: 15323  
Ion Ratio Lower Upper  
164 100  
166 137.2 104.0 156.0  
129 85.5 72.2 108.4  
131 82.5 67.7 101.5

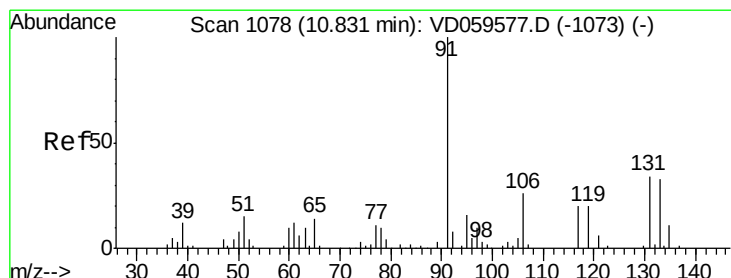
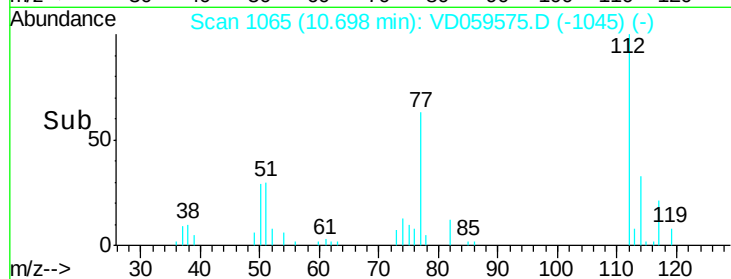
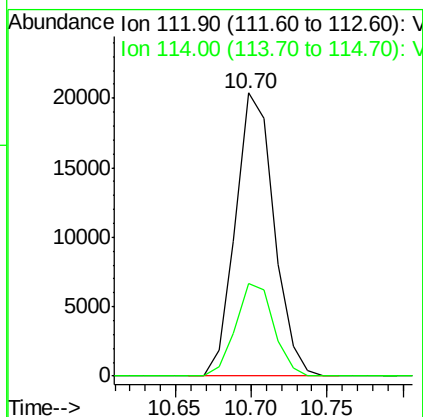
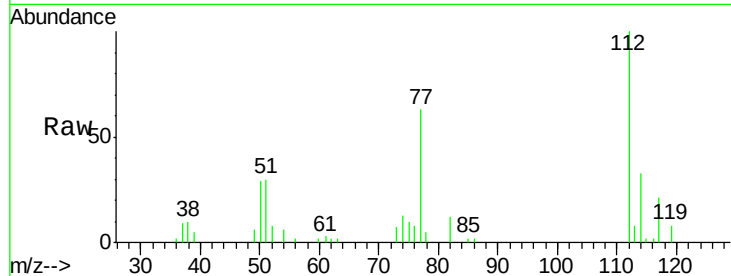




#65  
Chlorobenzene  
Concen: 11.744 ug/l  
RT: 10.70 min Scan# 1065  
Delta R.T. -0.01 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

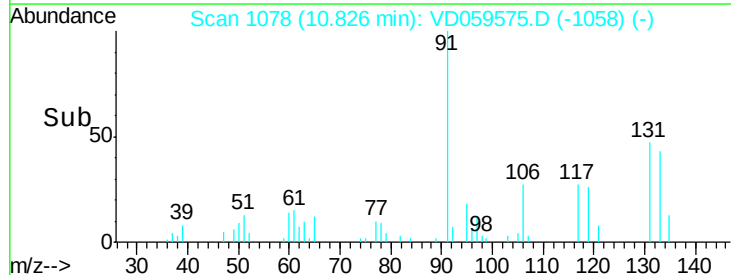
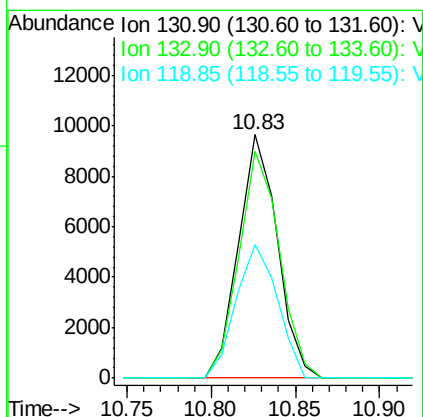
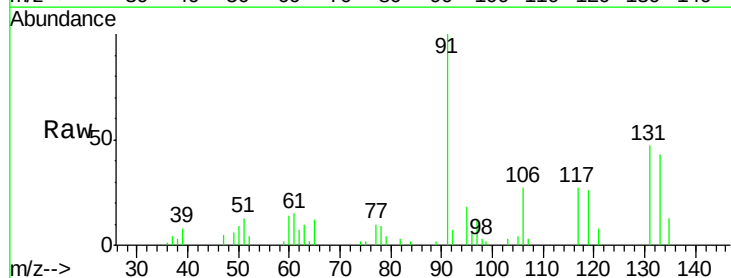
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

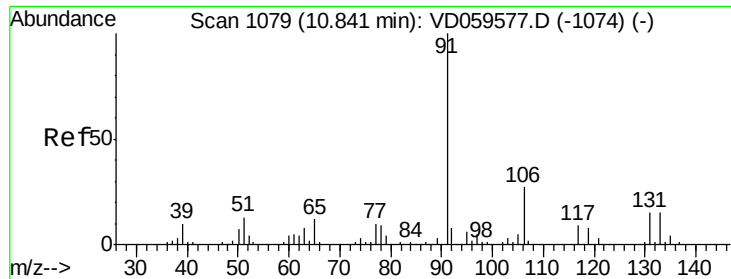
Tot Ion:112 Resp: 36071  
Ion Ratio Lower Upper  
112 100  
114 32.6 24.5 36.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 11.758 ug/l  
RT: 10.83 min Scan# 1078  
Delta R.T. -0.01 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Tgt Ion:131 Resp: 15386  
Ion Ratio Lower Upper  
131 100  
133 93.1 47.9 143.7  
119 55.0 28.7 86.1

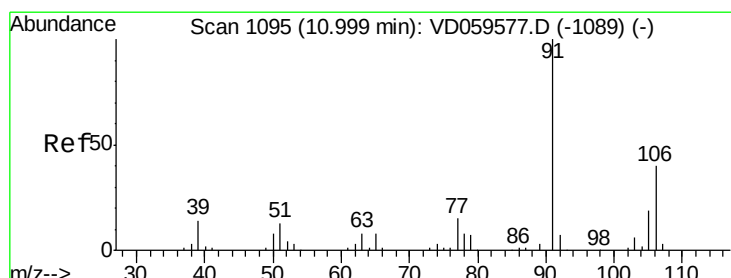
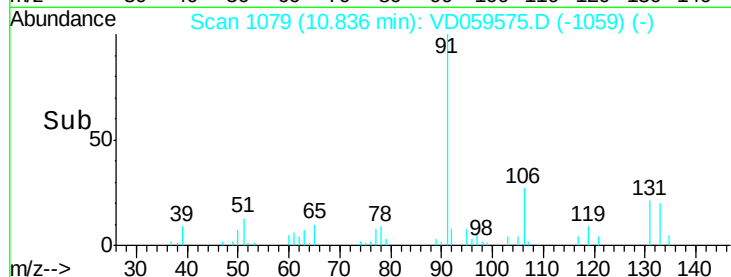
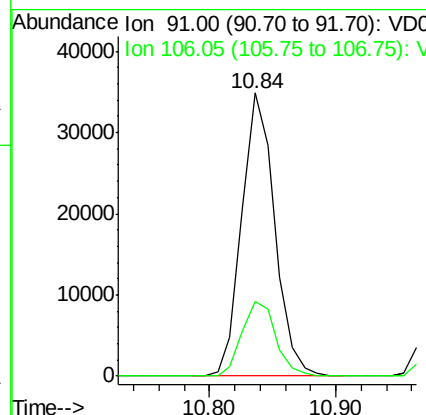
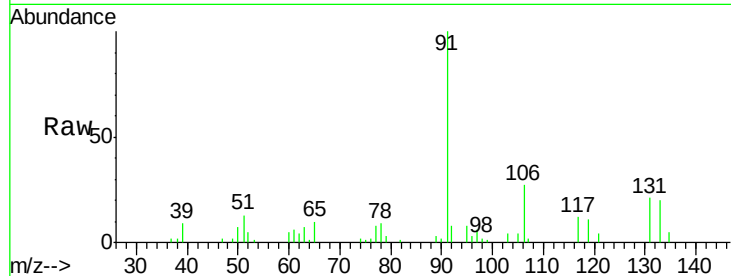




#67  
Ethyl Benzene  
Concen: 13.663 ug/l  
RT: 10.84 min Scan# 1079  
Delta R.T. -0.01 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

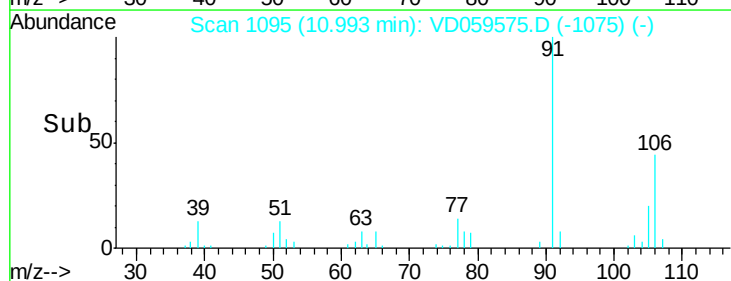
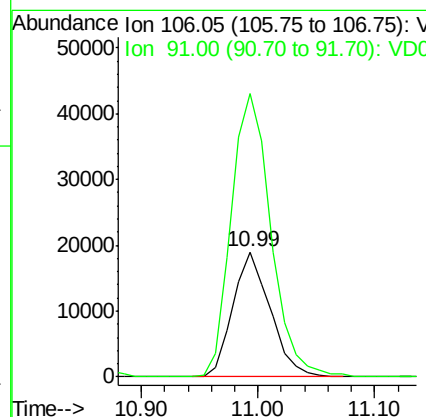
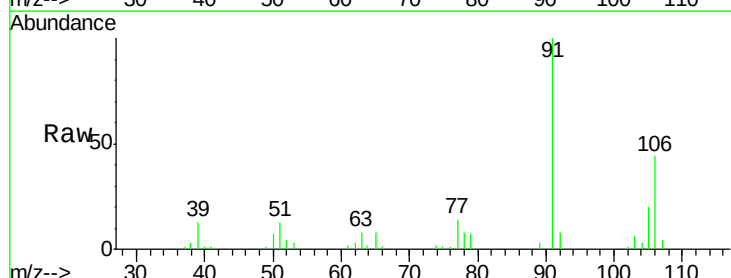
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

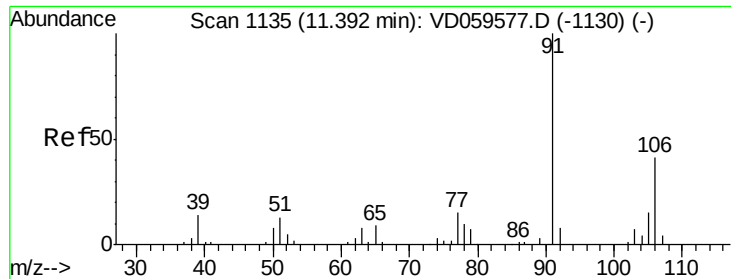
Tot Ion: 91 Resp: 62784  
Ion Ratio Lower Upper  
91 100  
106 26.6 21.6 32.4



#68  
m/p-Xylenes  
Concen: 25.201 ug/l  
RT: 10.99 min Scan# 1095  
Delta R.T. -0.01 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Tgt Ion: 106 Resp: 42258  
Ion Ratio Lower Upper  
106 100  
91 226.2 198.2 297.4

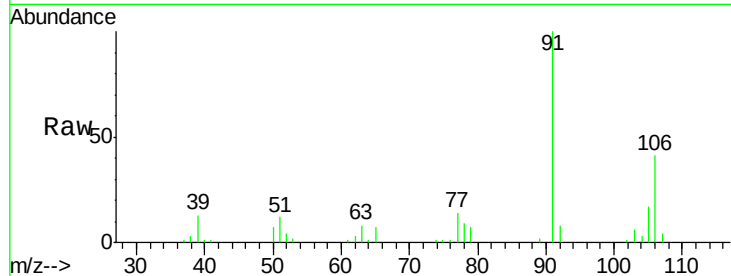




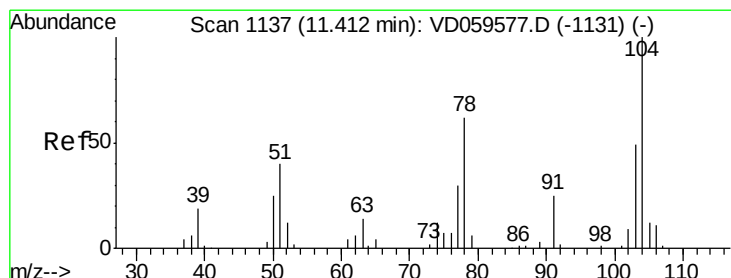
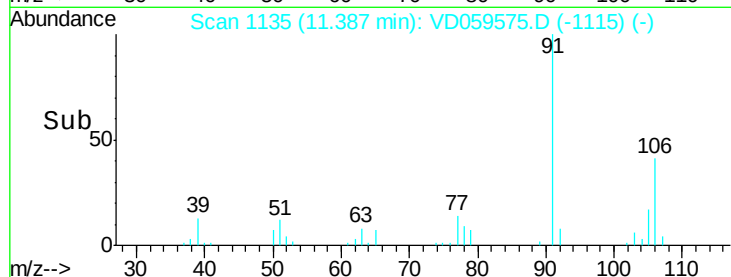
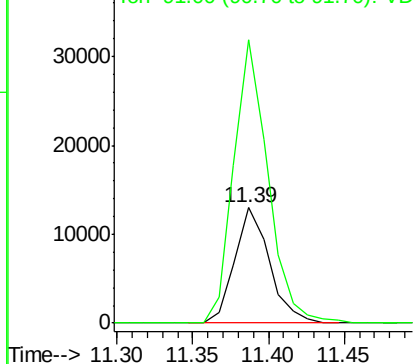
#69  
o-Xylene  
Concen: 12.685 ug/l  
RT: 11.39 min Scan# 1135  
Delta R.T. -0.01 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Instrument :  
MSVOA\_D  
ClientSampleID :  
VSTDIC010

Tot Ion:106 Resp: 20695  
Ion Ratio Lower Upper  
106 100  
91 245.4 122.7 368.1

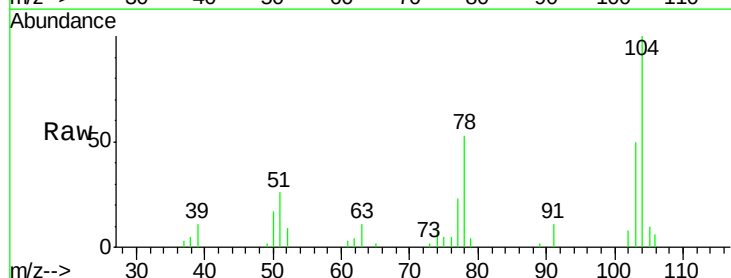


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): VDC

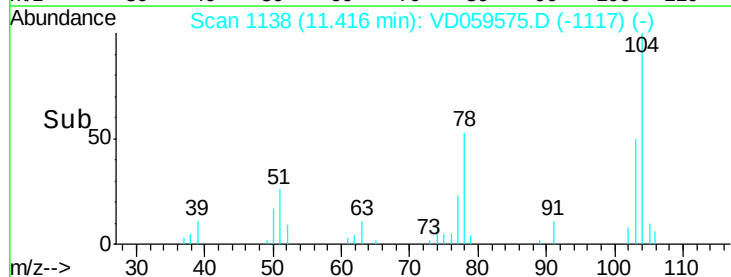
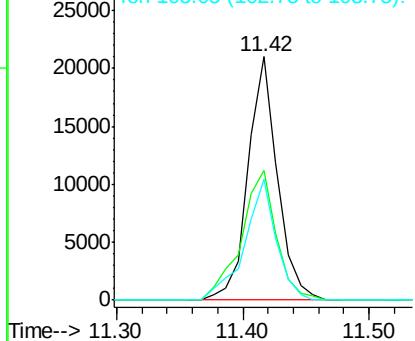


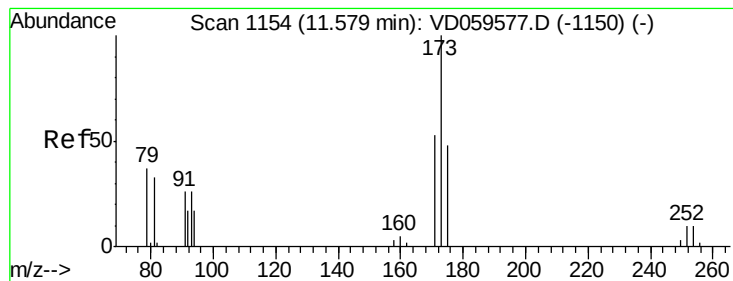
#70  
Styrene  
Concen: 12.626 ug/l  
RT: 11.42 min Scan# 1138  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Tgt Ion:104 Resp: 34039  
Ion Ratio Lower Upper  
104 100  
78 53.2 49.4 74.0  
103 49.6 39.0 58.6



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





#71

Bromoform

Concen: 9.244 ug/l

RT: 11.58 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

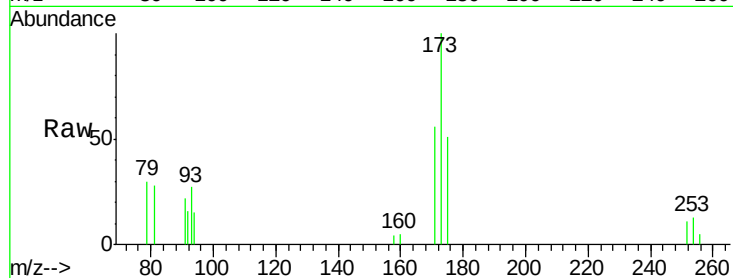
Tot Ion:173 Resp: 11158

Ion Ratio Lower Upper

173 100

175 50.8 23.8 71.4

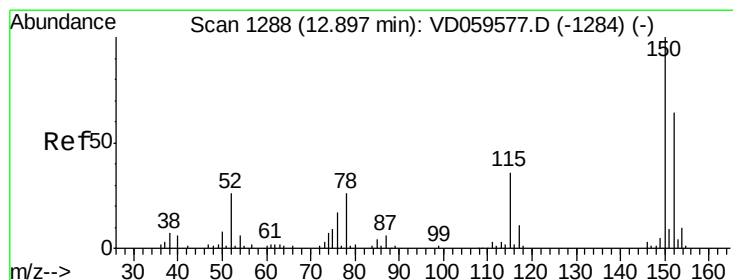
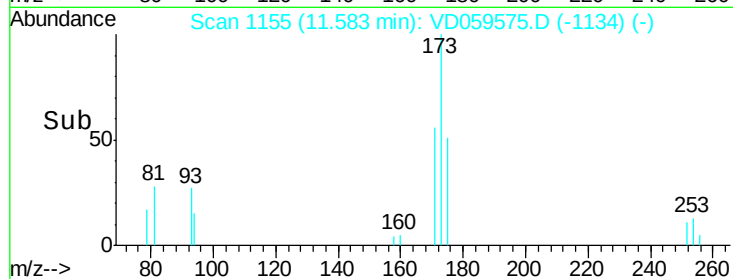
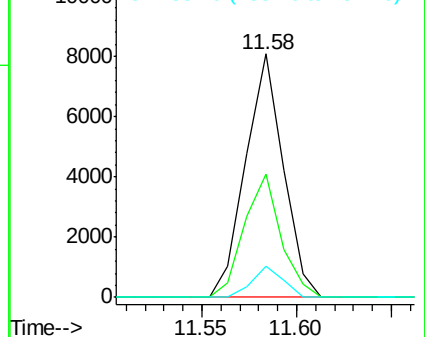
254 12.7 7.8 11.6#



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: 12.89 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

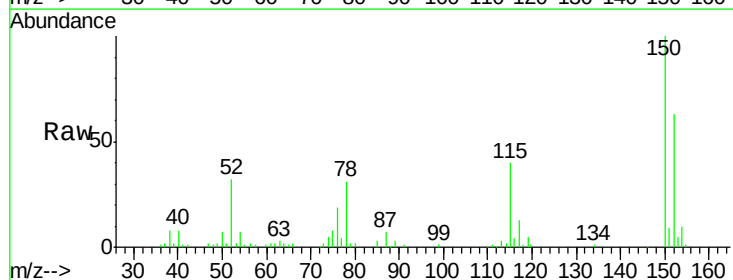
Tgt Ion:152 Resp: 76970

Ion Ratio Lower Upper

152 100

115 63.7 29.5 88.6

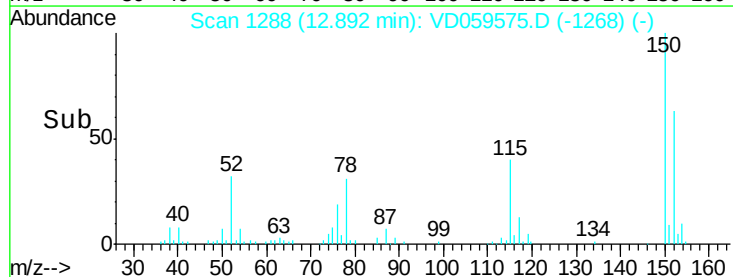
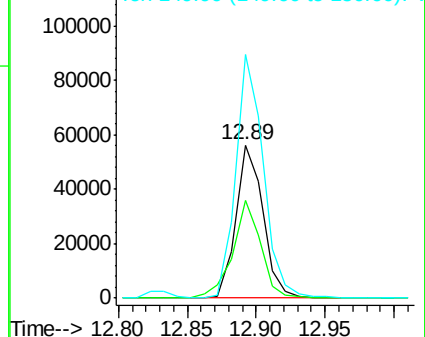
150 158.8 0.0 314.4



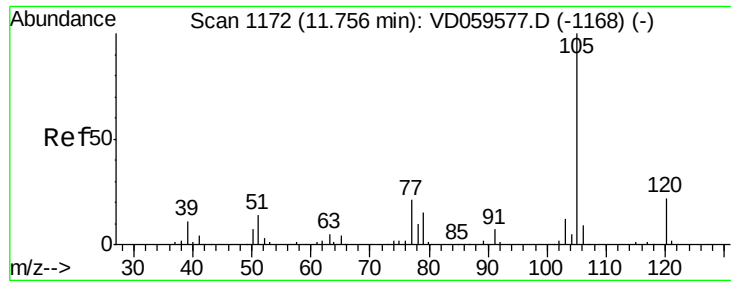
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 14.820 ug/l

RT: 11.76 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

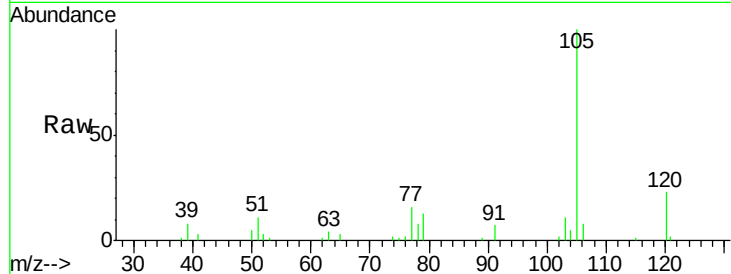
VSTDIC010

Tot Ion:105 Resp: 61126

Ion Ratio Lower Upper

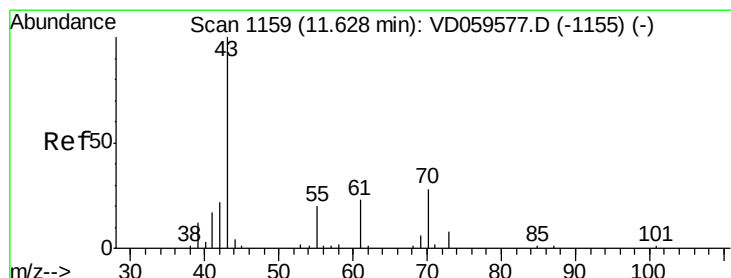
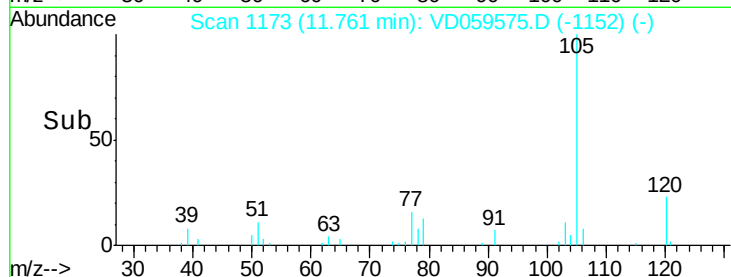
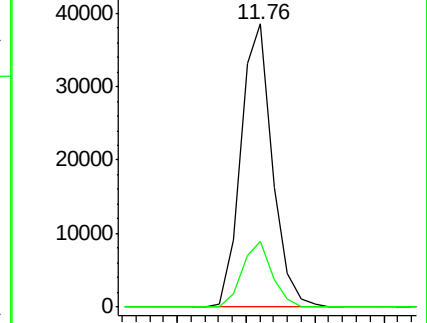
105 100

120 23.2 10.9 32.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 18.804 ug/l

RT: 11.63 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Tgt Ion: 43 Resp: 20740

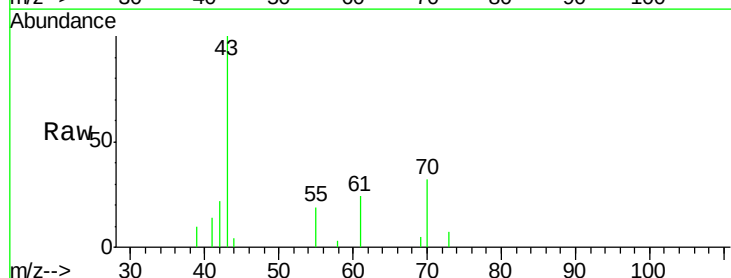
Ion Ratio Lower Upper

43 100

70 31.9 22.0 33.0

55 18.8 16.2 24.2

61 23.8 18.6 27.8

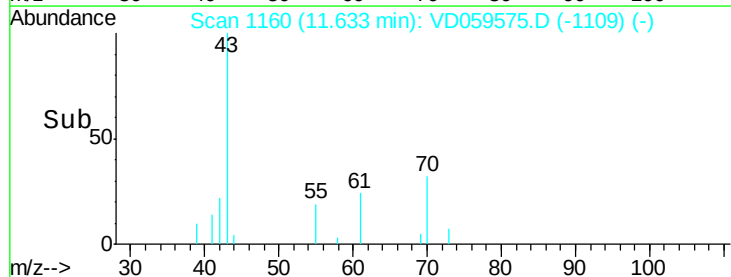
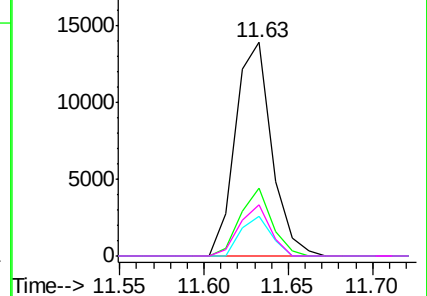


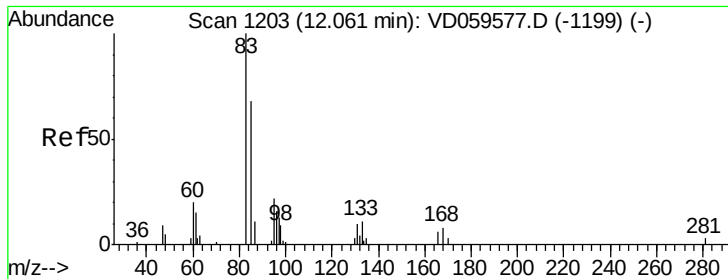
Abundance Ion 42.95 (42.65 to 43.65): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 14.395 ug/l

RT: 12.06 min Scan# 1203

Delta R.T. -0.01 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

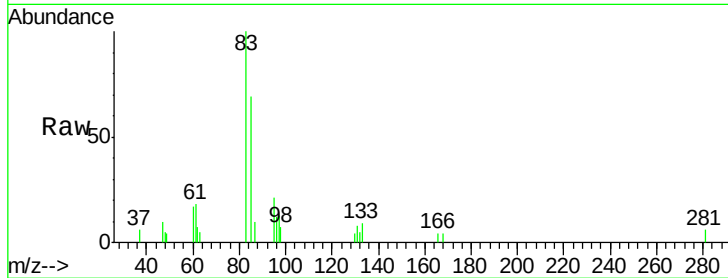
Tot Ion: 83 Resp: 11964

Ion Ratio Lower Upper

83 100

131 7.8 5.1 15.2

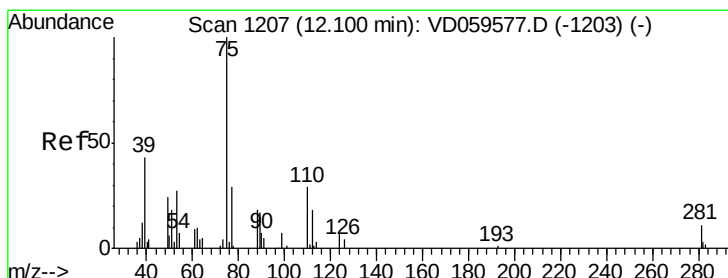
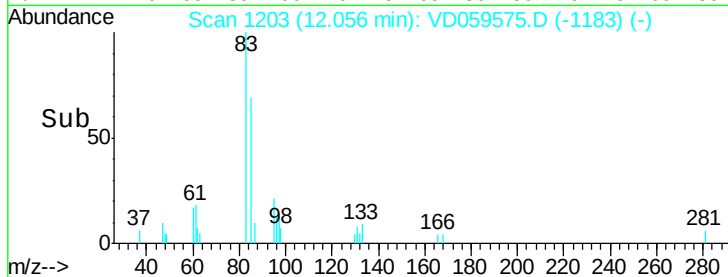
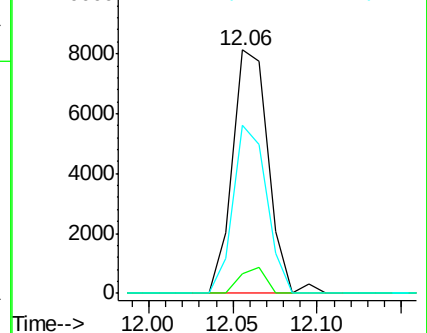
85 69.0 34.1 102.3



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: 16.435 ug/l

RT: 12.10 min Scan# 1207

Delta R.T. -0.01 min

Lab File: VD059575.D

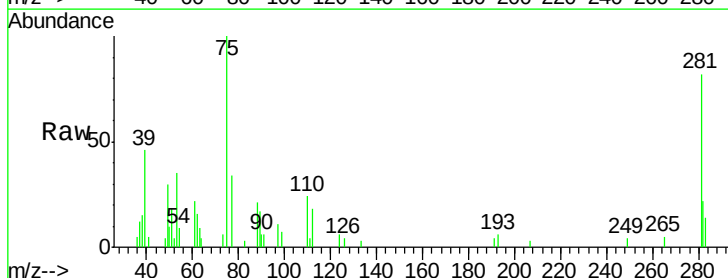
Acq: 24 Jul 2018 17:17

Tgt Ion: 75 Resp: 14079

Ion Ratio Lower Upper

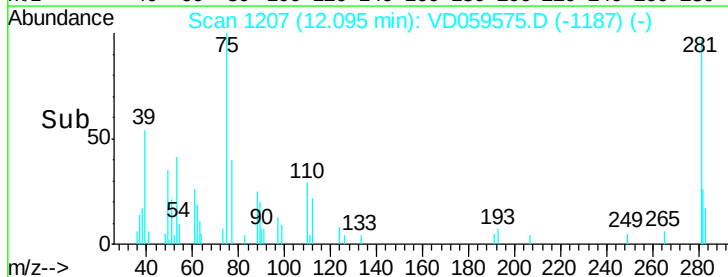
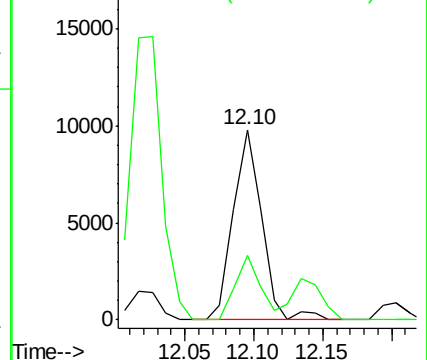
75 100

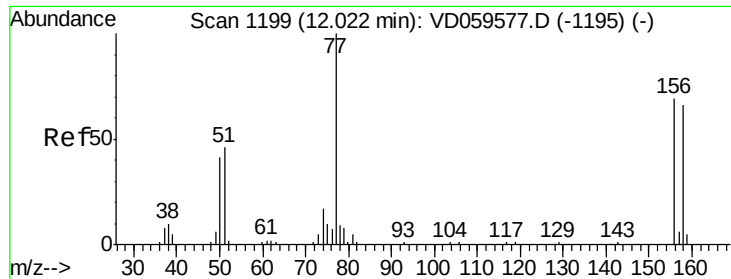
77 33.7 15.6 46.7



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 11.040 ug/l

RT: 12.03 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

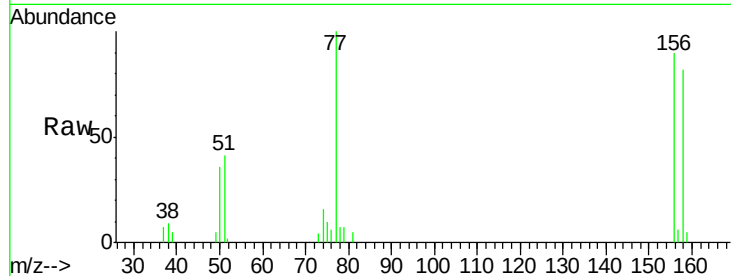
Tot Ion:156 Resp: 17788

Ion Ratio Lower Upper

156 100

77 111.6 72.4 217.2

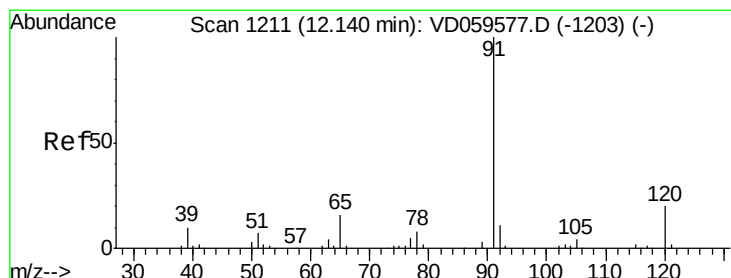
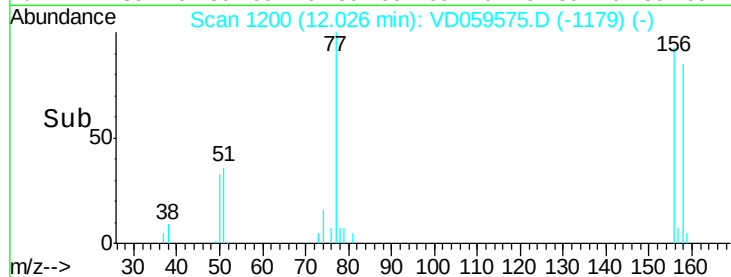
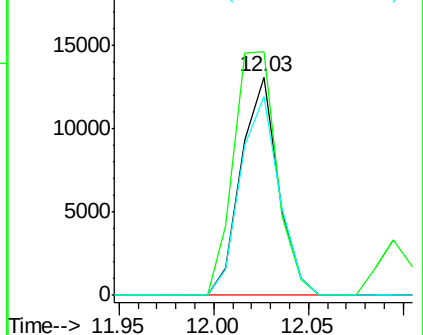
158 91.3 48.0 144.2



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 15.902 ug/l

RT: 12.13 min Scan# 1211

Delta R.T. -0.01 min

Lab File: VD059575.D

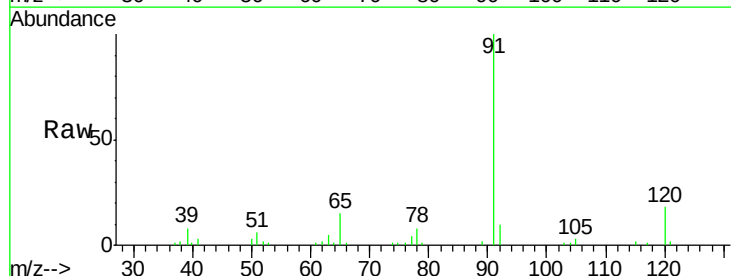
Acq: 24 Jul 2018 17:17

Tgt Ion: 91 Resp: 75904

Ion Ratio Lower Upper

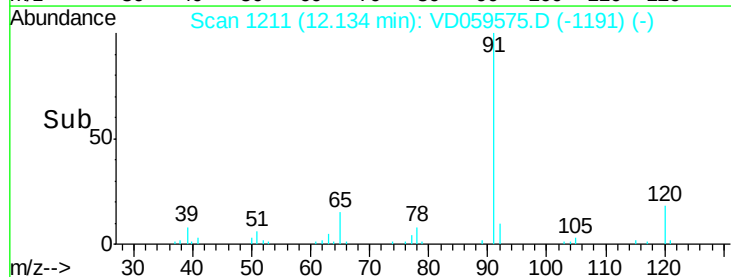
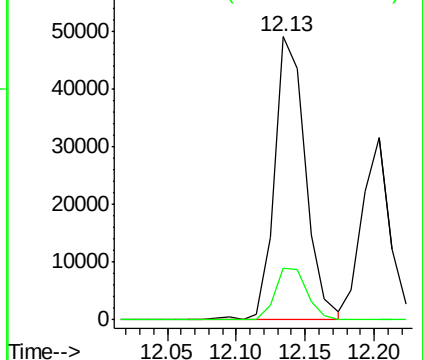
91 100

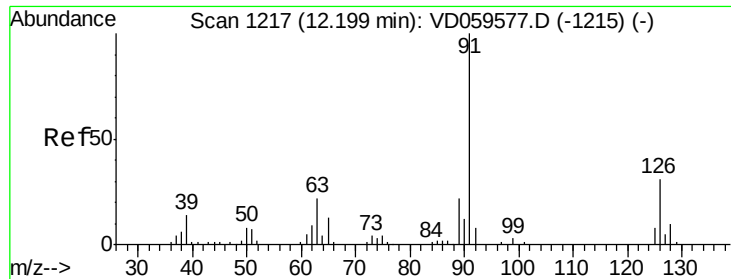
120 18.4 9.9 29.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

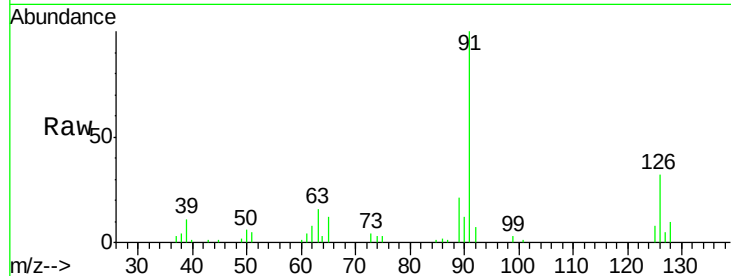




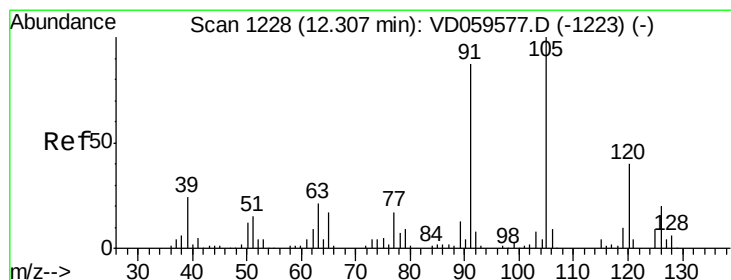
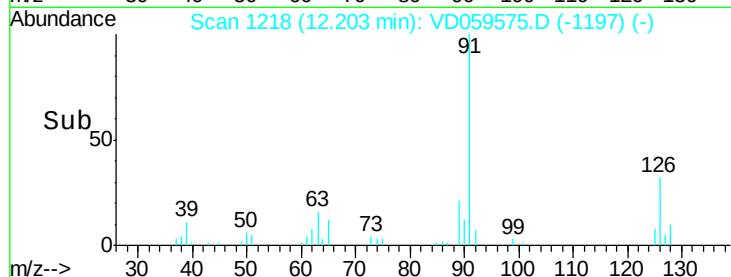
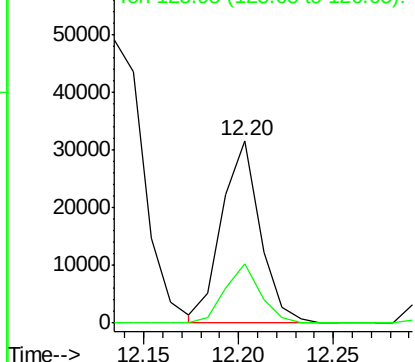
#79  
 2-Chlorotoluene  
 Concen: 15.609 ug/l  
 RT: 12.20 min Scan# 1218  
 Delta R.T. 0.00 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Tot Ion: 91 Resp: 44344  
 Ion Ratio Lower Upper  
 91 100  
 126 32.4 14.5 43.6

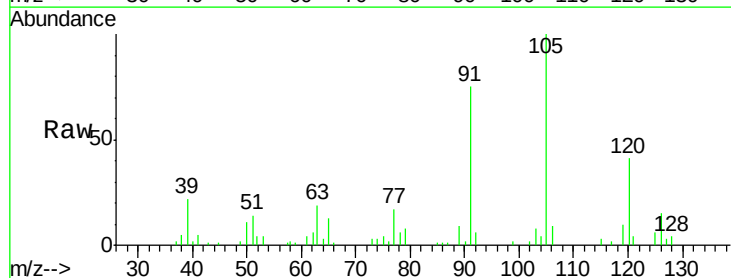


Abundance Ion 91.00 (90.70 to 91.70): V  
 Ion 125.95 (125.65 to 126.65): V

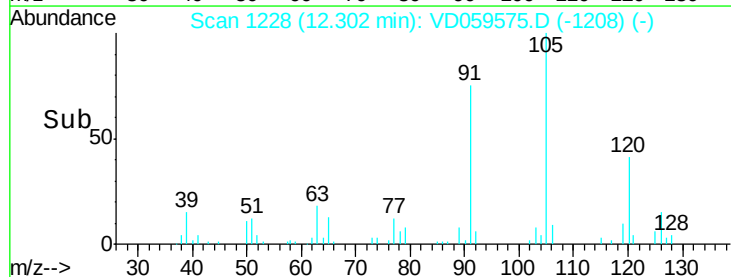
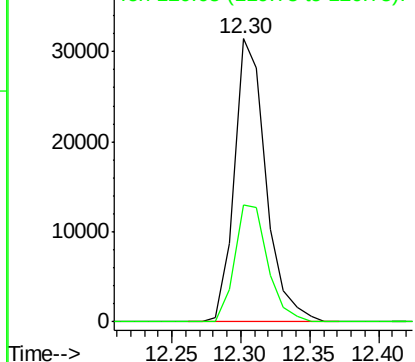


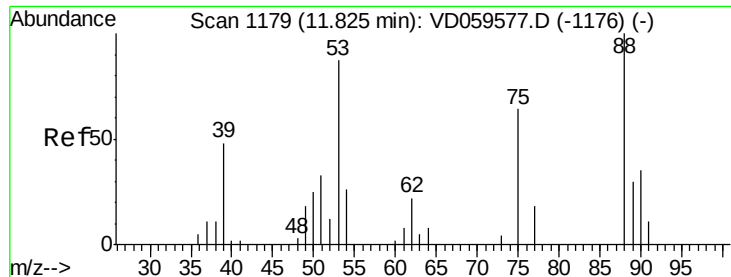
#80  
 1,3,5-Trimethylbenzene  
 Concen: 15.666 ug/l  
 RT: 12.30 min Scan# 1228  
 Delta R.T. -0.01 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

Tgt Ion: 105 Resp: 49985  
 Ion Ratio Lower Upper  
 105 100  
 120 41.4 19.9 59.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 20.034 ug/l

RT: 11.83 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC010

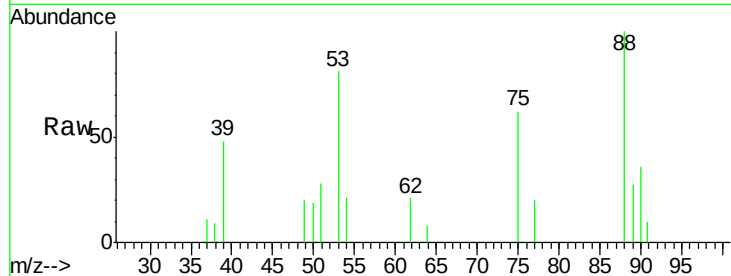
Tot Ion: 75 Resp: 3752

Ion Ratio Lower Upper

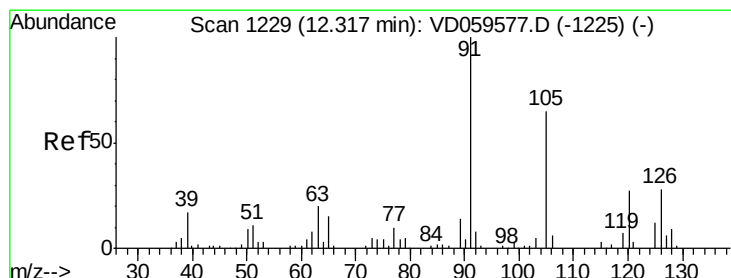
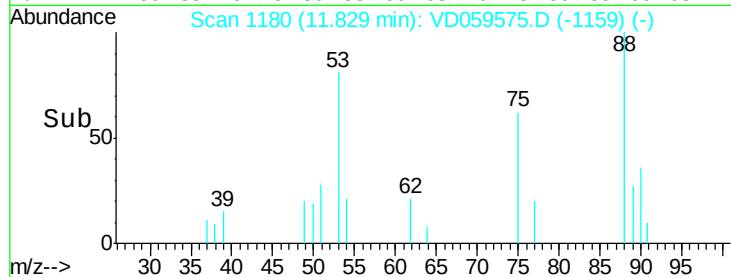
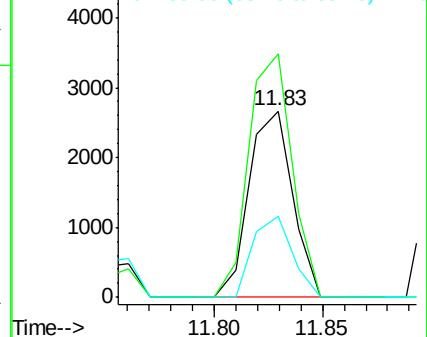
75 100

53 130.9 107.7 161.5

89 43.9 37.3 55.9



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: 17.082 ug/l

RT: 12.31 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VD059575.D

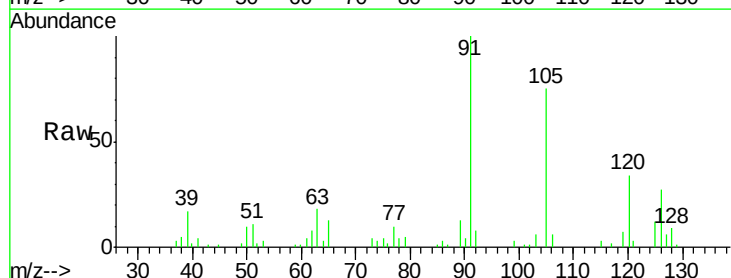
Acq: 24 Jul 2018 17:17

Tgt Ion: 91 Resp: 53969

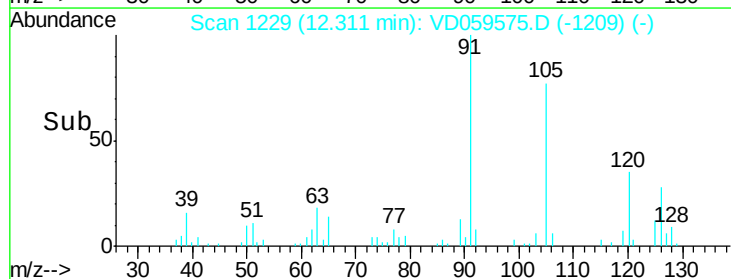
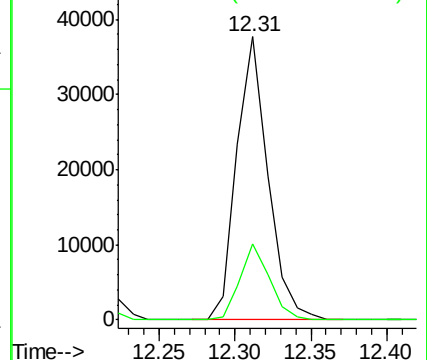
Ion Ratio Lower Upper

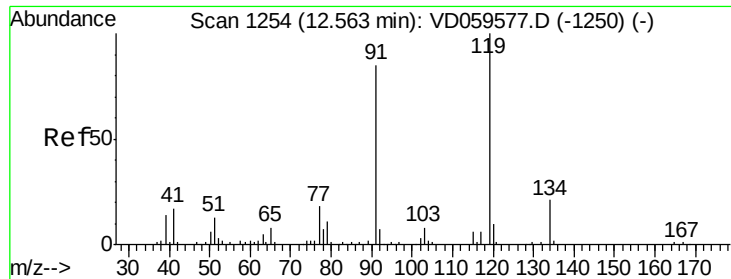
91 100

126 27.0 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 125.95 (125.65 to 126.65): V

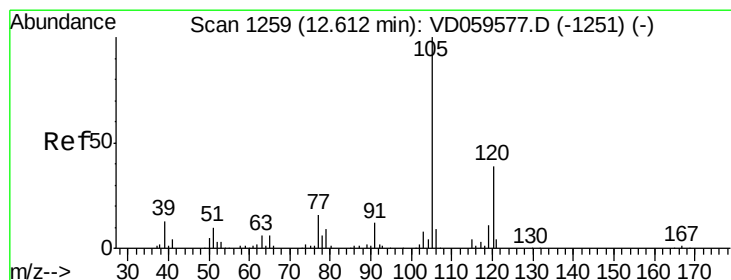
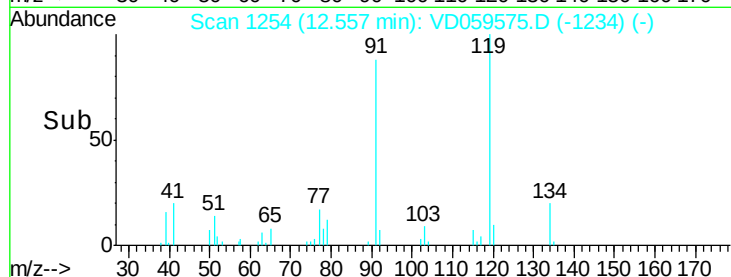
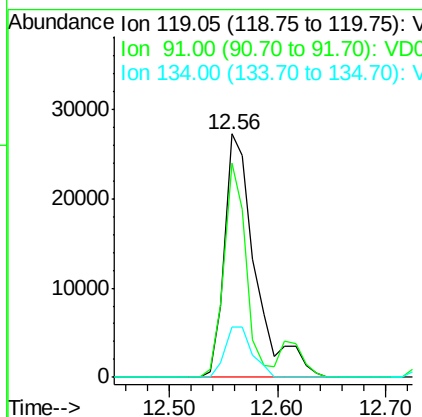
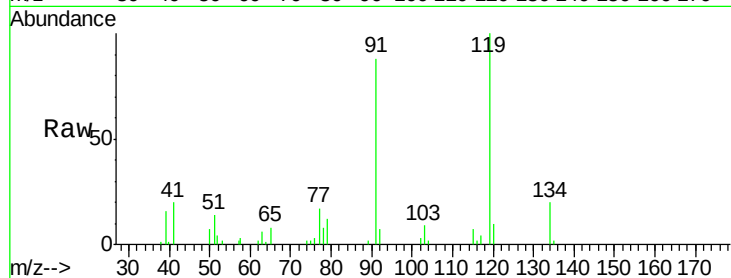




#83  
 tert-Butylbenzene  
 Concen: 15.582 ug/l  
 RT: 12.56 min Scan# 1254  
 Delta R.T. -0.01 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

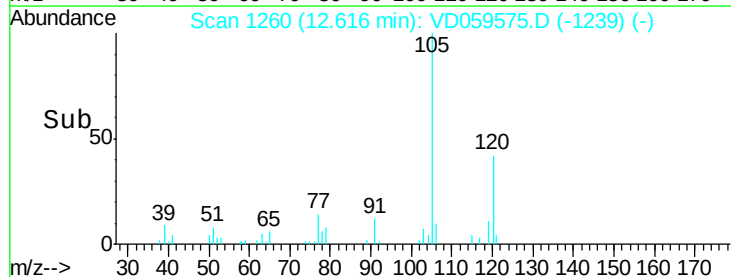
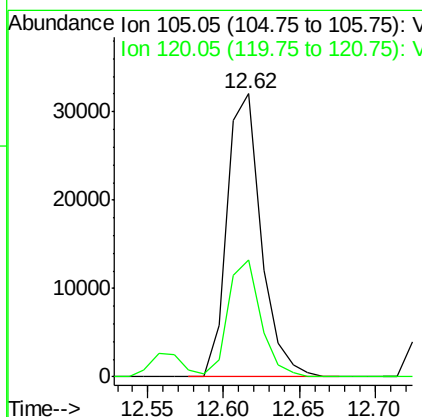
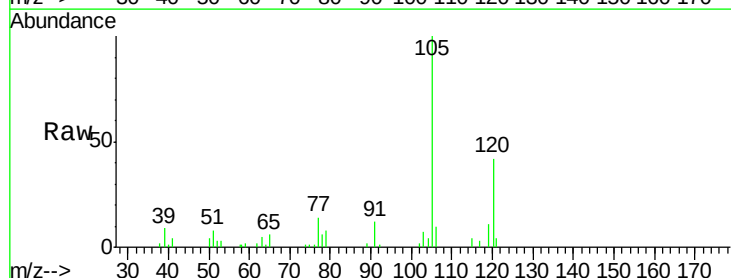
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

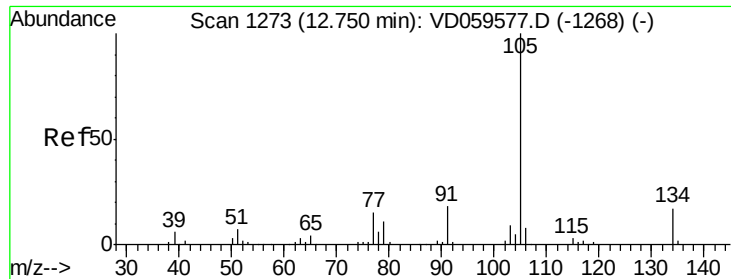
Tot Ion:119 Resp: 54453  
 Ion Ratio Lower Upper  
 119 100  
 91 87.9 42.5 127.5  
 134 20.5 10.5 31.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 15.074 ug/l  
 RT: 12.62 min Scan# 1260  
 Delta R.T. 0.00 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

Tgt Ion:105 Resp: 49941  
 Ion Ratio Lower Upper  
 105 100  
 120 41.5 19.3 57.9





#85

sec-Butylbenzene

Concen: 15.748 ug/l

RT: 12.74 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

Instrument :

MSVOA\_D

ClientSampleId :

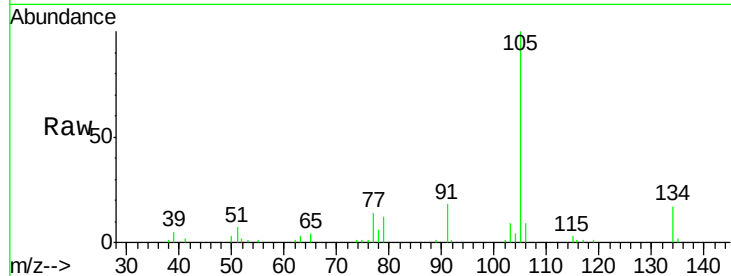
VSTDIC010

Tot Ion:105 Resp: 62123

Ion Ratio Lower Upper

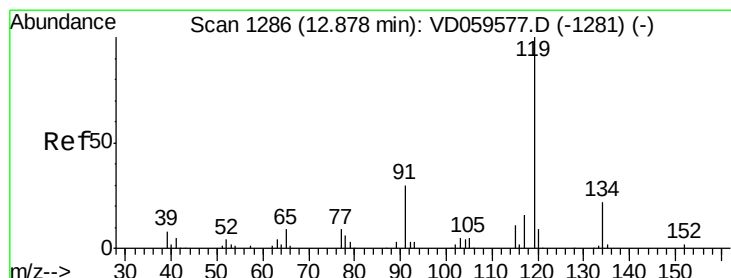
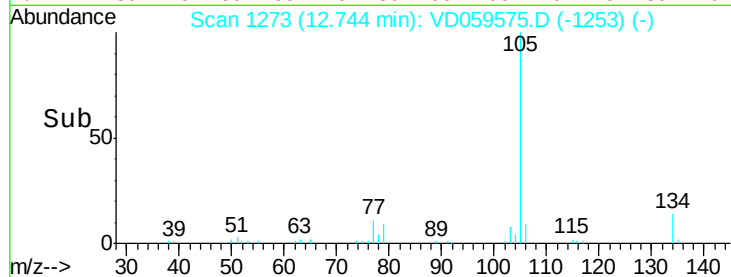
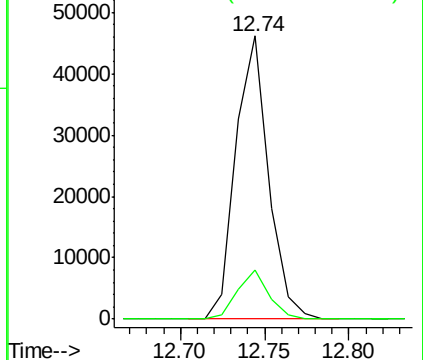
105 100

134 17.2 8.8 26.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 14.694 ug/l

RT: 12.87 min Scan# 1286

Delta R.T. -0.01 min

Lab File: VD059575.D

Acq: 24 Jul 2018 17:17

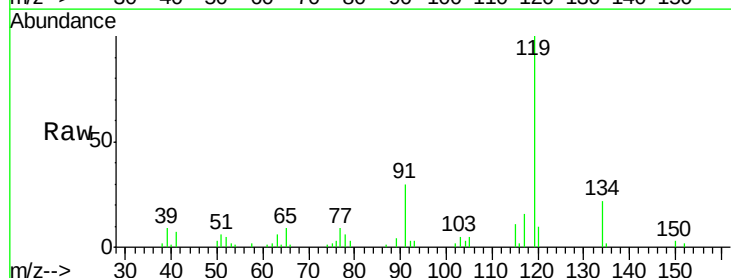
Tgt Ion:119 Resp: 53041

Ion Ratio Lower Upper

119 100

134 22.2 11.2 33.6

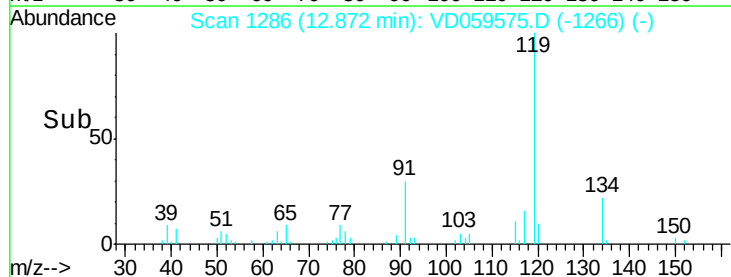
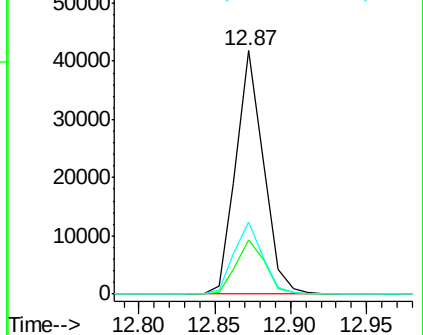
91 29.7 15.0 45.1

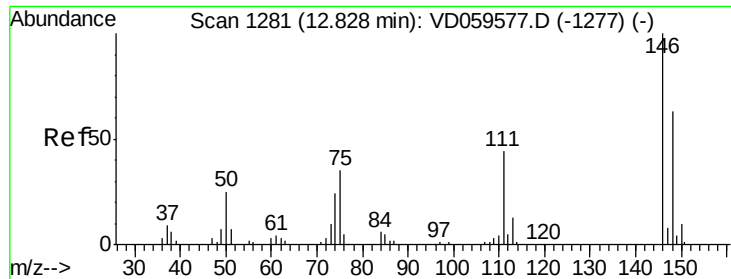


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

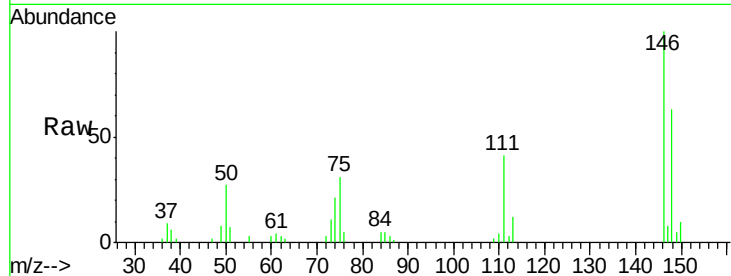




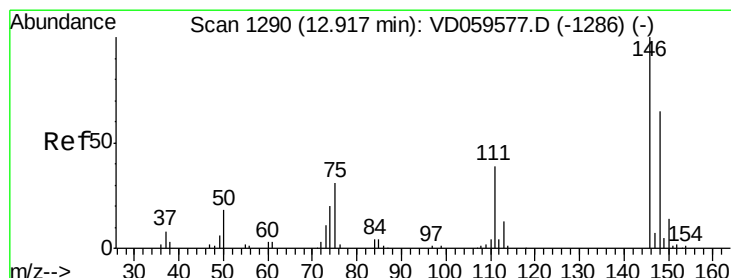
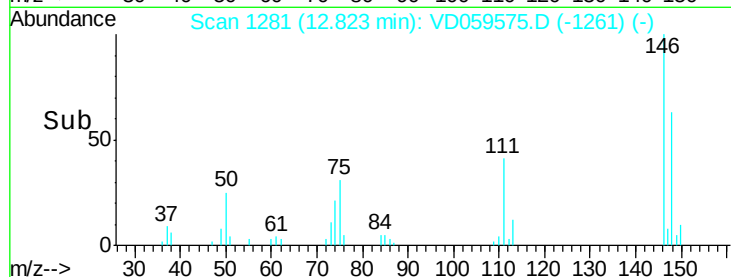
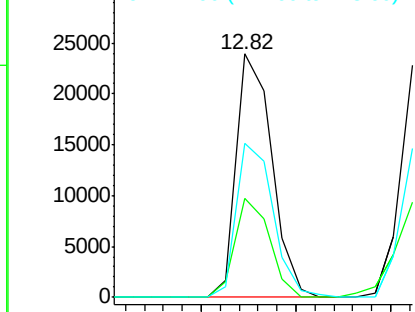
#87  
 1,3-Dichlorobenzene  
 Concen: 11.901 ug/l  
 RT: 12.82 min Scan# 1281  
 Delta R.T. -0.01 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Tot Ion:146 Resp: 31045  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 22.2 66.6  
 148 63.1 31.8 95.3

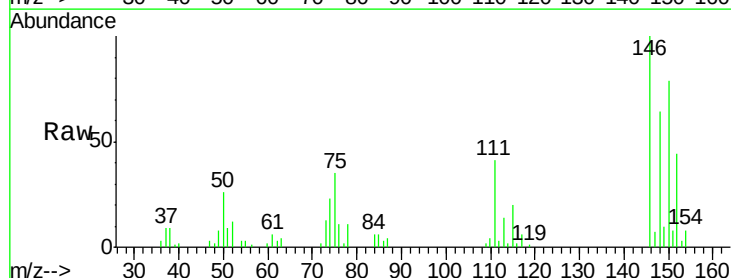


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

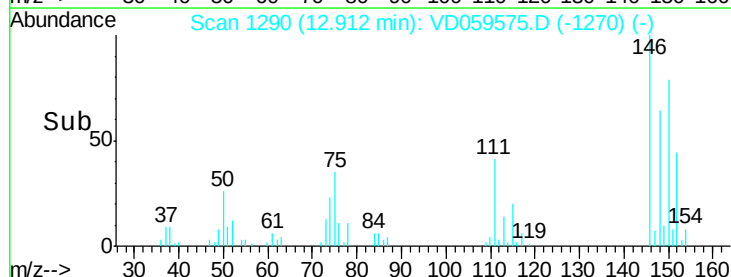
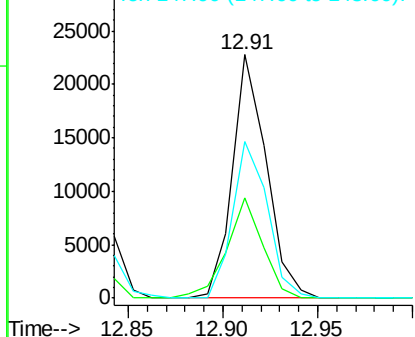


#88  
 1,4-Dichlorobenzene  
 Concen: 10.982 ug/l  
 RT: 12.91 min Scan# 1290  
 Delta R.T. -0.01 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

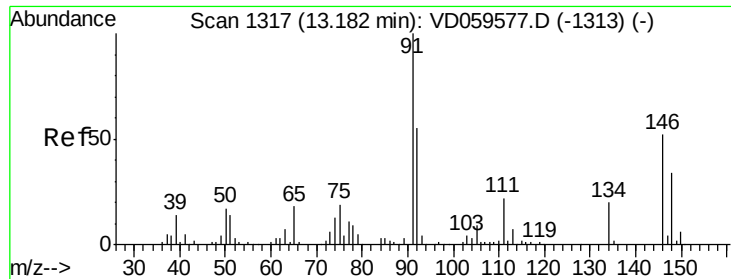
Tgt Ion:146 Resp: 28075  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 19.3 57.9  
 148 64.3 32.4 97.2



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



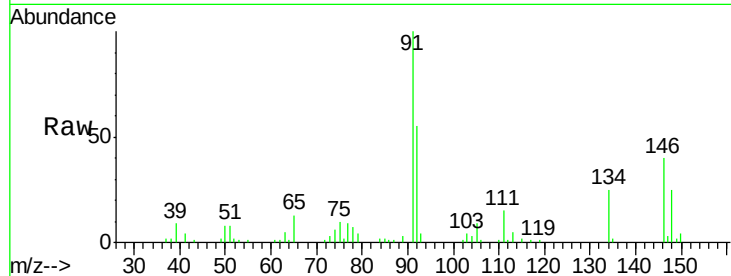




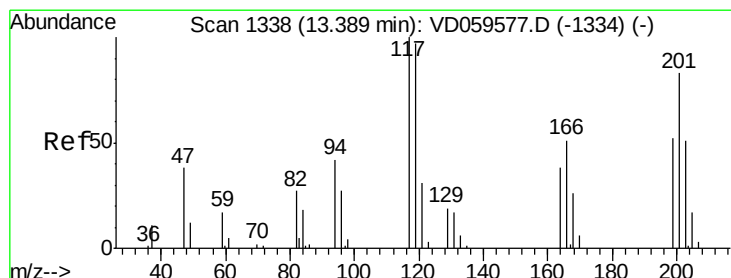
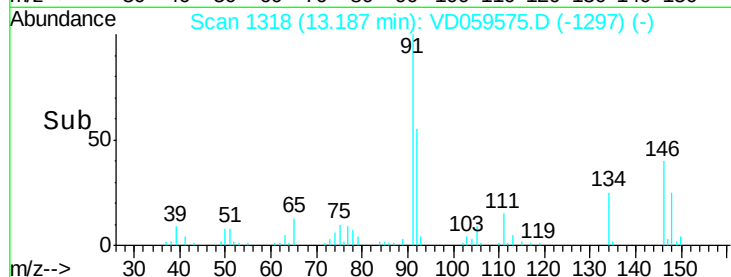
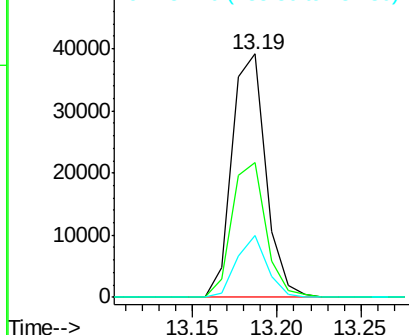
#89  
n-Butylbenzene  
Concen: 18.081 ug/l  
RT: 13.19 min Scan# 1318  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tot Ion: 91 Resp: 54542  
Ion Ratio Lower Upper  
91 100  
92 55.2 27.6 82.7  
134 25.2 10.1 30.3

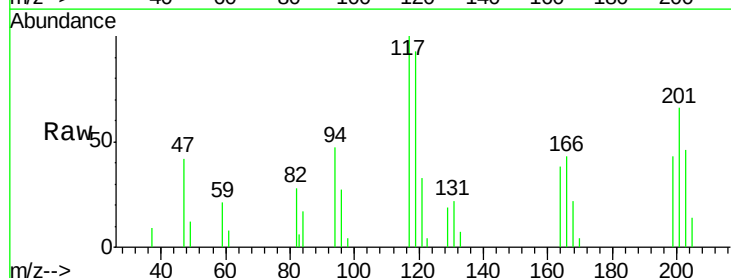


Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 92.00 (91.70 to 92.70): VDC  
Ion 134.10 (133.80 to 134.80): V

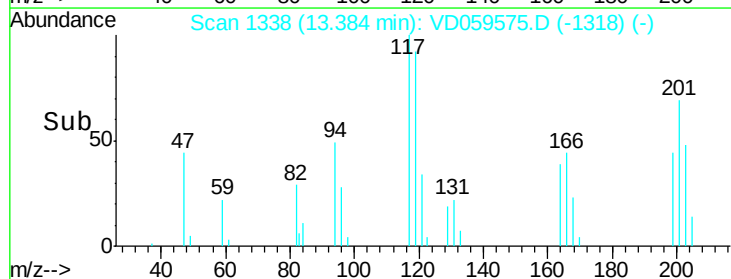
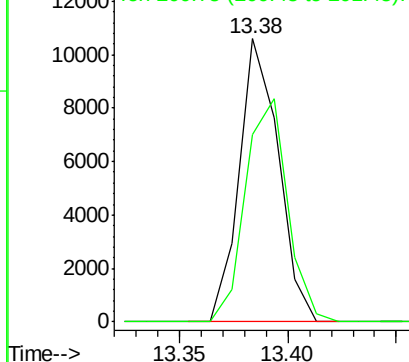


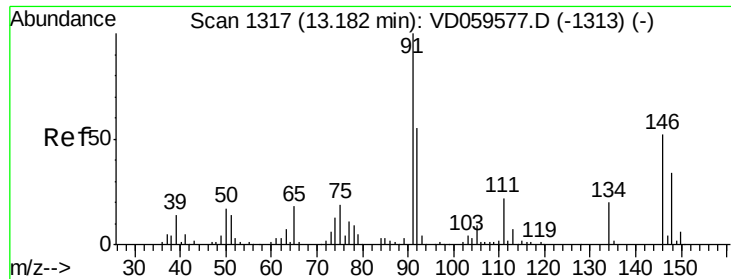
#90  
Hexachloroethane  
Concen: 13.874 ug/l  
RT: 13.38 min Scan# 1338  
Delta R.T. -0.01 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Tgt Ion: 117 Resp: 13412  
Ion Ratio Lower Upper  
117 100  
201 66.3 41.5 124.5



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

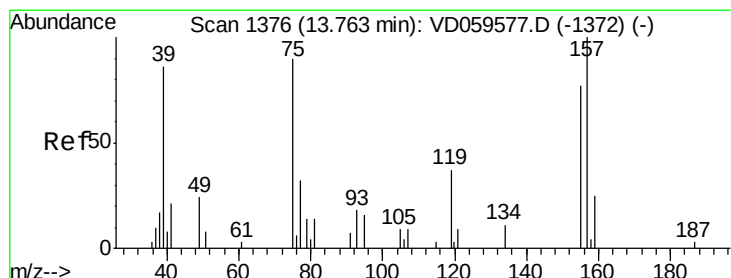
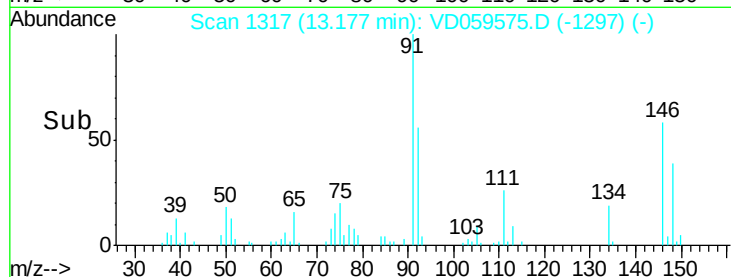
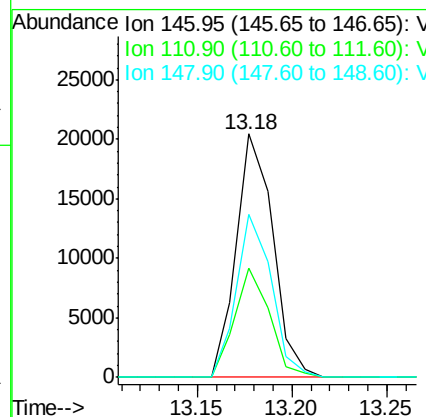
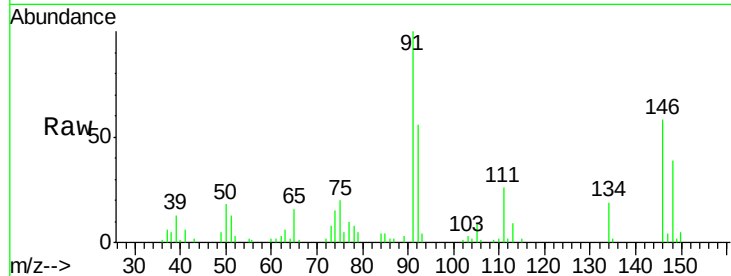




#91  
 1,2-Dichlorobenzene  
 Concen: 12.654 ug/l  
 RT: 13.18 min Scan# 1317  
 Delta R.T. -0.01 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

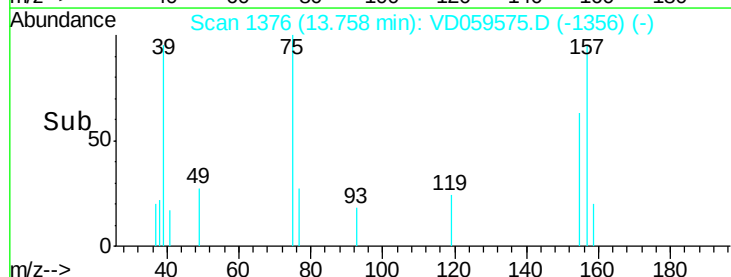
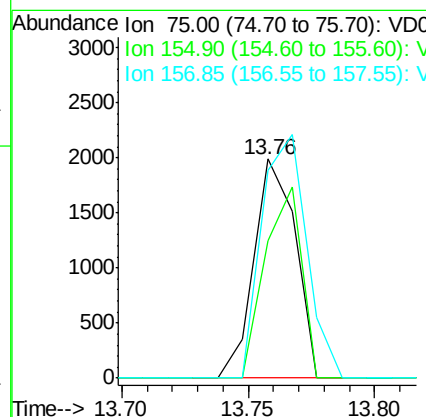
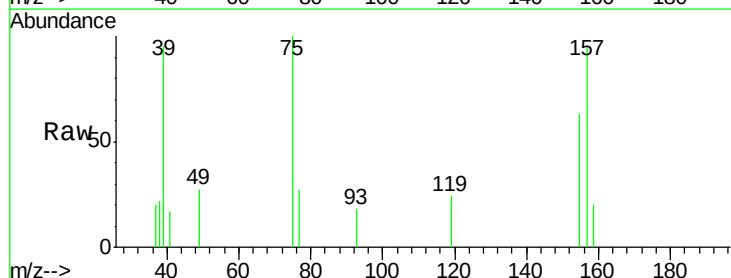
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDIC010

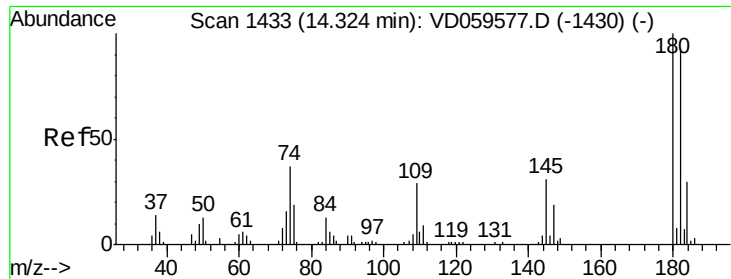
Tot Ion:146 Resp: 27300  
 Ion Ratio Lower Upper  
 146 100  
 111 44.9 21.4 64.3  
 148 66.7 32.6 98.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 16.365 ug/l  
 RT: 13.76 min Scan# 1376  
 Delta R.T. -0.01 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

Tgt Ion: 75 Resp: 2281  
 Ion Ratio Lower Upper  
 75 100  
 155 62.6 42.5 127.5  
 157 94.7 55.5 166.3

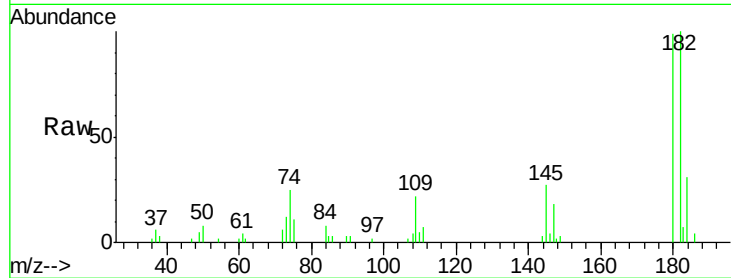




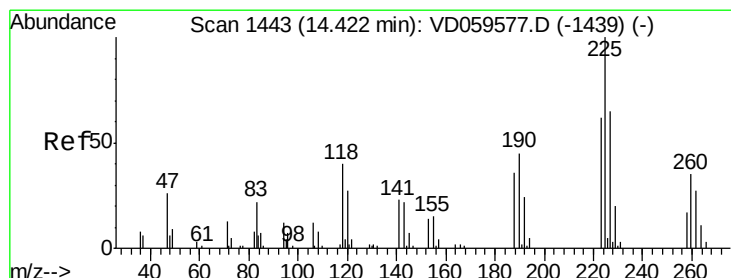
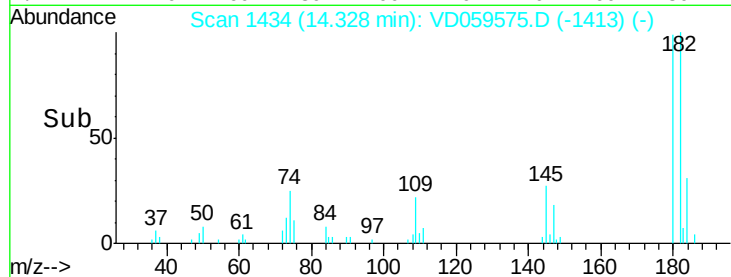
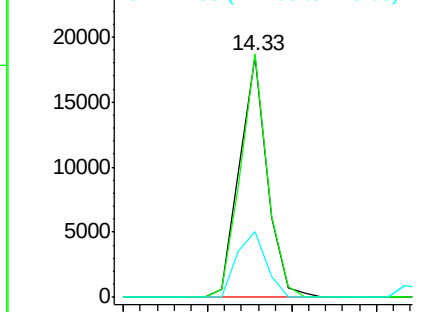
#93  
 1,2,4-Trichlorobenzene  
 Concen: 11.336 ug/l  
 RT: 14.33 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC010

Tot Ion:180 Resp: 21249  
 Ion Ratio Lower Upper  
 180 100  
 182 100.7 46.4 139.2  
 145 27.3 15.7 47.0

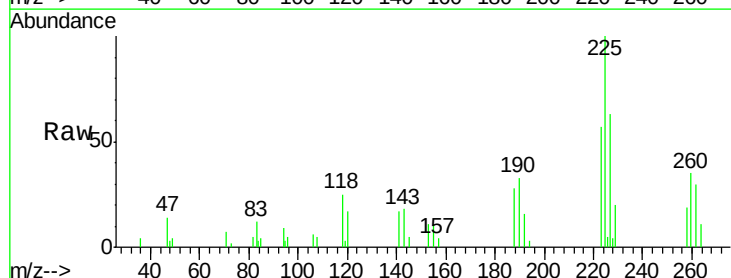


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

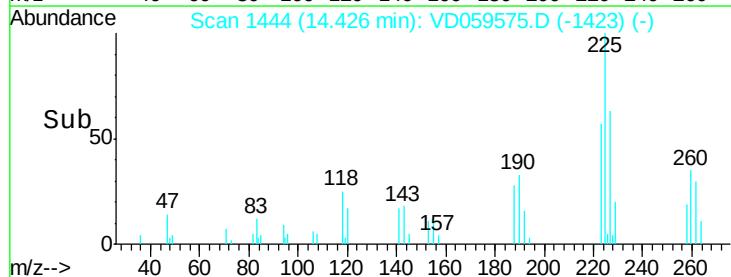
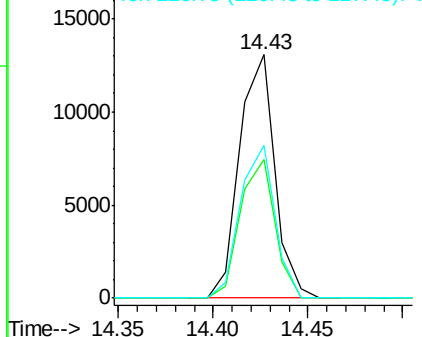


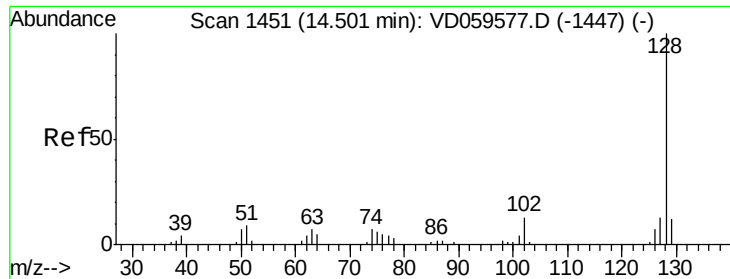
#94  
 Hexachlorobutadiene  
 Concen: 12.229 ug/l  
 RT: 14.43 min Scan# 1444  
 Delta R.T. 0.00 min  
 Lab File: VD059575.D  
 Acq: 24 Jul 2018 17:17

Tgt Ion:225 Resp: 16836  
 Ion Ratio Lower Upper  
 225 100  
 223 56.9 31.1 93.5  
 227 62.7 32.4 97.2



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

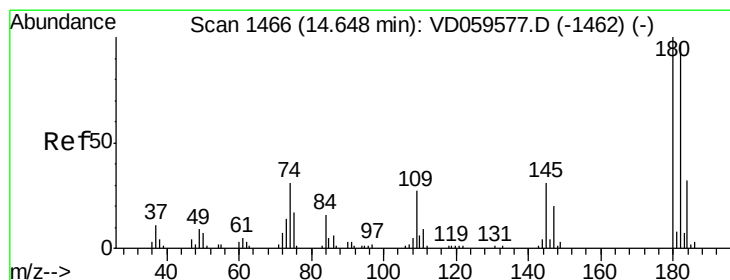
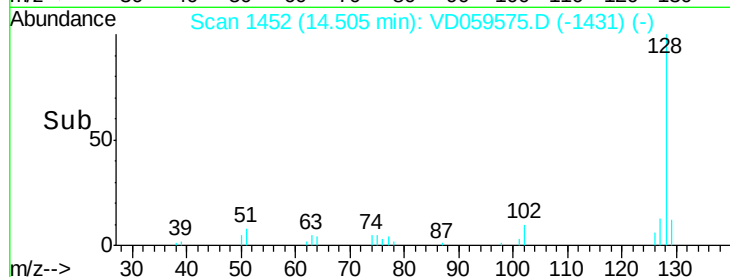
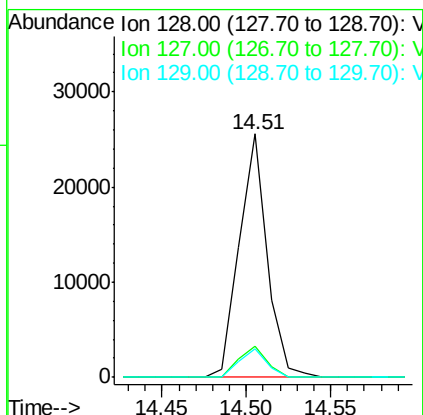
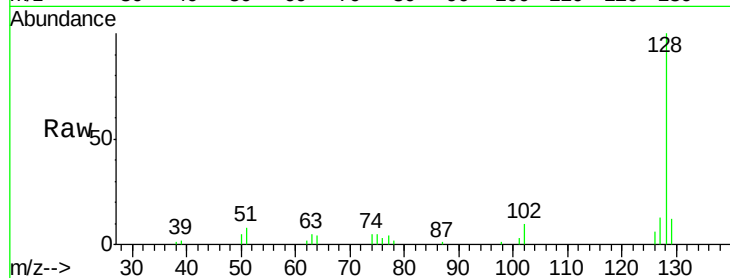




#95  
Naphthalene  
Concen: 12.875 ug/l  
RT: 14.51 min Scan# 1452  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC010

Tot Ion:128 Resp: 29240  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.5 15.7  
129 11.6 9.3 13.9



#96  
1,2,3-Trichlorobenzene  
Concen: 11.325 ug/l  
RT: 14.65 min Scan# 1467  
Delta R.T. 0.00 min  
Lab File: VD059575.D  
Acq: 24 Jul 2018 17:17

Tgt Ion:180 Resp: 18894  
Ion Ratio Lower Upper  
180 100  
182 91.3 48.6 145.9  
145 25.3 15.6 46.7

