

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073118\  
 Data File : VD059650.D  
 Acq On : 31 Jul 2018 13:29  
 Operator : VA/AP  
 Sample : VD0731SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBS01

Quant Time: Jul 31 13:47:54 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072418S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 25 07:10:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.63  | 168  | 155892   | 50.00 | ug/l  | 0.02     |
| 34) 1,4-Difluorobenzene    | 6.67  | 114  | 193982   | 50.00 | ug/l  | 0.01     |
| 63) Chlorobenzene-d5       | 10.67 | 117  | 152788   | 50.00 | ug/l  | 0.01     |
| 72) 1,4-Dichlorobenzene-d4 | 12.90 | 152  | 79840    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.00  | 65   | 105395   | 53.78  | ug/l    | 0.02     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 107.56% |          |
| 35) Dibromofluoromethane    | 5.53  | 113  | 90609    | 54.45  | ug/l    | 0.02     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 108.90% |          |
| 50) Toluene-d8              | 8.70  | 98   | 185655   | 49.18  | ug/l    | 0.02     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 98.36%  |          |
| 62) 4-Bromofluorobenzene    | 11.92 | 95   | 87191    | 51.28  | ug/l    | 0.01     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 102.56% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.33 | 85   | 50999    | 26.965  | ug/l   | 99     |
| 3) Chloromethane              | 1.48 | 50   | 19349    | 19.859  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.55 | 62   | 21095    | 20.805  | ug/l   | 93     |
| 5) Bromomethane               | 1.77 | 94   | 4466     | 22.959  | ug/l   | 83     |
| 6) Chloroethane               | 1.86 | 64   | 6536     | 22.035  | ug/l   | 100    |
| 7) Trichlorofluoromethane     | 2.06 | 101  | 46095    | 26.647  | ug/l   | 96     |
| 8) Diethyl Ether              | 2.33 | 74   | 6986     | 23.007  | ug/l   | 81     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.53 | 101  | 23604    | 25.897  | ug/l   | 92     |
| 10) Methyl Iodide             | 2.68 | 142  | 23683    | 21.112  | ug/l   | 96     |
| 11) Tert butyl alcohol        | 3.27 | 59   | 8939     | 114.330 | ug/l # | 80     |
| 12) 1,1-Dichloroethene        | 2.52 | 96   | 16792    | 25.417  | ug/l   | 97     |
| 13) Acrolein                  | 2.46 | 56   | 3744     | 92.949  | ug/l # | 74     |
| 14) Allyl chloride            | 2.90 | 41   | 37434    | 23.368  | ug/l   | 89     |
| 15) Acrylonitrile             | 3.34 | 53   | 21097    | 124.417 | ug/l # | 86     |
| 16) Acetone                   | 2.60 | 43   | 36435    | 123.103 | ug/l   | 93     |
| 17) Carbon Disulfide          | 2.74 | 76   | 58201    | 22.179  | ug/l # | 94     |
| 18) Methyl Acetate            | 2.92 | 43   | 12896    | 21.789  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 3.39 | 73   | 72282    | 32.642  | ug/l   | 97     |
| 20) Methylene Chloride        | 3.05 | 84   | 18899    | 22.394  | ug/l # | 83     |
| 21) trans-1,2-Dichloroethene  | 3.37 | 96   | 26506    | 37.206  | ug/l   | 82     |
| 22) Diisopropyl ether         | 4.05 | 45   | 84065    | 19.957  | ug/l   | 97     |
| 23) Vinyl Acetate             | 4.00 | 43   | 269026   | 100.630 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 3.95 | 63   | 55841    | 20.999  | ug/l   | 100    |
| 25) 2-Butanone                | 4.82 | 43   | 42054    | 93.175  | ug/l   | 95     |
| 26) 2,2-Dichloropropane       | 4.78 | 77   | 63567    | 23.341  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 4.78 | 96   | 30016    | 21.094  | ug/l   | 95     |
| 28) Bromochloromethane        | 5.13 | 49   | 20557    | 19.537  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 5.17 | 42   | 16654    | 79.690  | ug/l   | 97     |
| 30) Chloroform                | 5.30 | 83   | 69076    | 21.719  | ug/l   | 98     |
| 31) Cyclohexane               | 5.57 | 56   | 38875    | 19.369  | ug/l   | 94     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 69662    | 22.624  | ug/l   | 95     |
| 36) 1,1-Dichloropropene       | 5.73 | 75   | 47762    | 24.537  | ug/l   | 93     |
| 37) Ethyl Acetate             | 4.90 | 43   | 20633    | 20.606  | ug/l   | 97     |
| 38) Carbon Tetrachloride      | 5.71 | 117  | 64542    | 24.214  | ug/l   | 93     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073118\  
 Data File : VD059650.D  
 Acq On : 31 Jul 2018 13:29  
 Operator : VA/AP  
 Sample : VD0731SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBS01

Quant Time: Jul 31 13:47:54 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072418S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 25 07:10:33 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 39) Methylcyclohexane          | 7.27  | 83   | 37217    | 20.792  | ug/l   | 95       |
| 40) Benzene                    | 5.99  | 78   | 80468    | 20.159  | ug/l   | 97       |
| 41) Methacrylonitrile          | 5.10  | 41   | 9705     | 19.422  | ug/l # | 89       |
| 42) 1,2-Dichloroethane         | 6.11  | 62   | 56609    | 23.538  | ug/l   | 95       |
| 43) Isopropyl Acetate          | 7.60  | 43   | 26531    | 19.108  | ug/l   | 91       |
| 44) Trichloroethene            | 6.97  | 130  | 31826    | 21.982  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.33  | 63   | 21433    | 19.173  | ug/l   | 92       |
| 46) Dibromomethane             | 7.44  | 93   | 20618    | 21.821  | ug/l   | 91       |
| 47) Bromodichloromethane       | 7.72  | 83   | 50615    | 22.428  | ug/l   | 95       |
| 48) Methyl methacrylate        | 7.49  | 41   | 19039    | 20.676  | ug/l   | 93       |
| 49) 1,4-Dioxane                | 7.47  | 88   | 2945     | 356.513 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone       | 8.58  | 43   | 90683    | 97.804  | ug/l   | 98       |
| 52) Toluene                    | 8.79  | 92   | 56011    | 21.161  | ug/l   | 93       |
| 53) t-1,3-Dichloropropene      | 9.17  | 75   | 42751    | 21.003  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 8.34  | 75   | 43940    | 21.739  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 9.45  | 97   | 19862    | 19.974  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.30  | 69   | 23438    | 20.774  | ug/l # | 89       |
| 57) 1,3-Dichloropropane        | 9.65  | 76   | 33215    | 21.021  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 8.18  | 63   | 49390    | 93.167  | ug/l   | 96       |
| 59) 2-Hexanone                 | 9.78  | 43   | 69599    | 94.504  | ug/l   | 97       |
| 60) Dibromochloromethane       | 9.95  | 129  | 34610    | 20.965  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 10.07 | 107  | 24729    | 20.985  | ug/l   | 97       |
| 64) Tetrachloroethene          | 9.49  | 164  | 31895    | 23.036  | ug/l   | 95       |
| 65) Chlorobenzene              | 10.71 | 112  | 69628    | 22.231  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.84 | 131  | 32057    | 23.530  | ug/l   | 92       |
| 67) Ethyl Benzene              | 10.84 | 91   | 128624   | 23.890  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.00 | 106  | 84092    | 46.766  | ug/l   | 93       |
| 69) o-Xylene                   | 11.39 | 106  | 38211    | 21.900  | ug/l   | 80       |
| 70) Styrene                    | 11.42 | 104  | 64482    | 22.289  | ug/l   | 98       |
| 71) Bromoform                  | 11.59 | 173  | 23807    | 21.460  | ug/l   | 97       |
| 73) Isopropylbenzene           | 11.77 | 105  | 129377   | 22.938  | ug/l   | 99       |
| 74) N-amyl acetate             | 11.64 | 43   | 36958    | 19.124  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.07 | 83   | 23433    | 20.349  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.10 | 75   | 27990    | 21.200  | ug/l   | 99       |
| 77) Bromobenzene               | 12.03 | 156  | 35296    | 21.377  | ug/l   | 87       |
| 78) n-propylbenzene            | 12.15 | 91   | 154092   | 22.485  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.21 | 91   | 93451    | 22.872  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 12.32 | 105  | 101049   | 22.691  | ug/l   | 92       |
| 81) trans-1,4-Dichloro-2-buten | 11.84 | 75   | 5810     | 17.211  | ug/l # | 79       |
| 82) 4-Chlorotoluene            | 12.32 | 91   | 107731   | 23.315  | ug/l   | 95       |
| 83) tert-Butylbenzene          | 12.57 | 119  | 109811   | 21.904  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene     | 12.62 | 105  | 107820   | 22.777  | ug/l   | 96       |
| 85) sec-Butylbenzene           | 12.75 | 105  | 125946   | 21.985  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.88 | 119  | 108033   | 22.376  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.84 | 146  | 61137    | 21.893  | ug/l   | 93       |
| 88) 1,4-Dichlorobenzene        | 12.92 | 146  | 55688    | 20.699  | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.19 | 91   | 105641   | 22.663  | ug/l   | 98       |
| 90) Hexachloroethane           | 13.39 | 117  | 27424    | 21.256  | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene        | 13.18 | 146  | 50979    | 21.757  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.76 | 75   | 5511     | 23.739  | ug/l   | 67       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073118\  
Data File : VD059650.D  
Acq On : 31 Jul 2018 13:29  
Operator : VA/AP  
Sample : VD0731SBS01  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

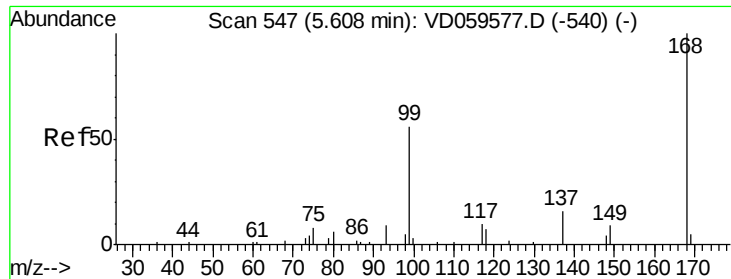
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

Quant Time: Jul 31 13:47:54 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D072418S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 25 07:10:33 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.33 | 180  | 41971    | 21.631 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 14.43 | 225  | 36324    | 23.733 | ug/l  | 99       |
| 95) Naphthalene            | 14.51 | 128  | 53400    | 19.351 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.65 | 180  | 38034    | 21.663 | ug/l  | 99       |

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

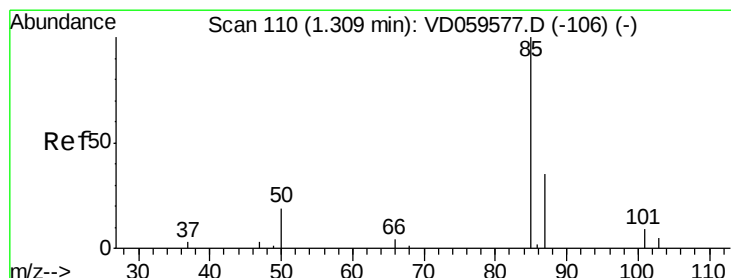
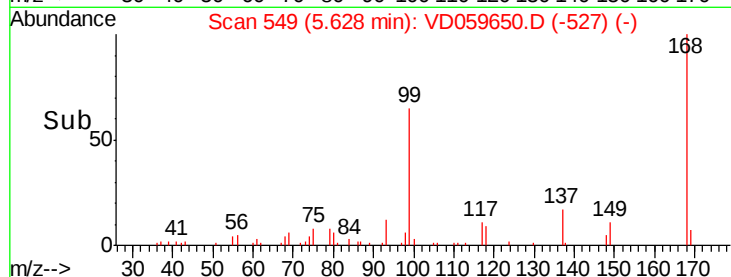
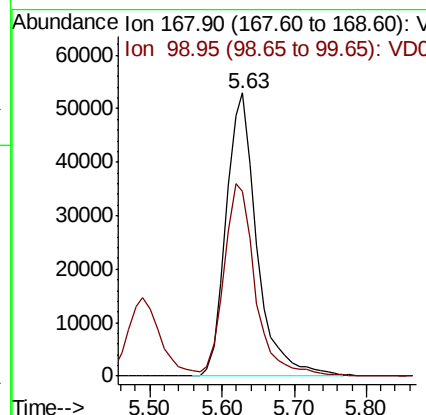
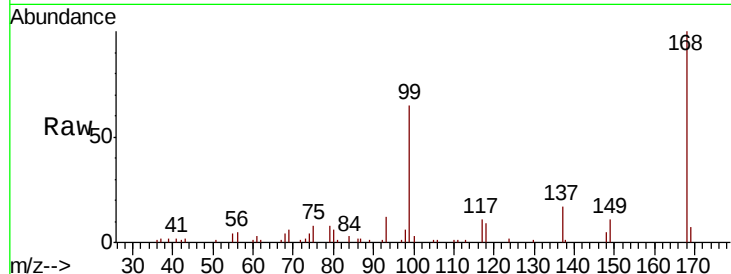




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.63 min Scan# 549  
Delta R.T. 0.02 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

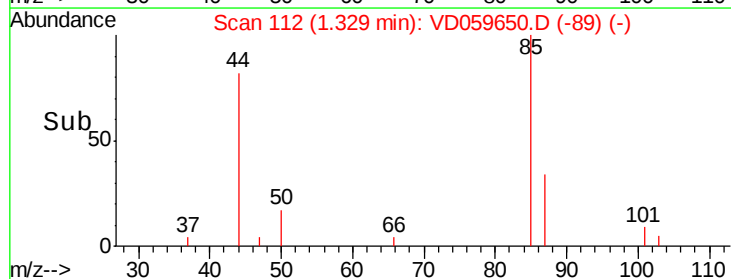
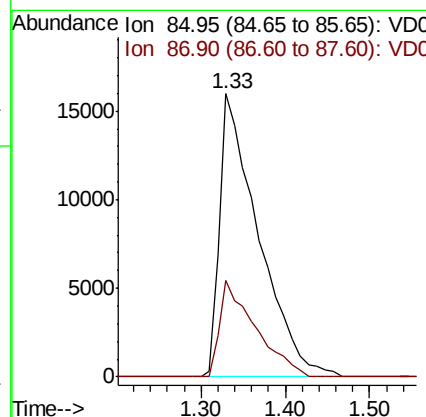
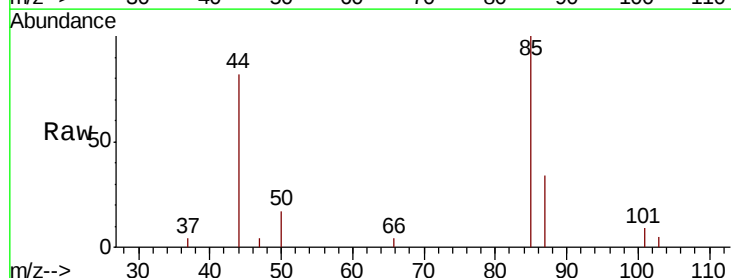
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

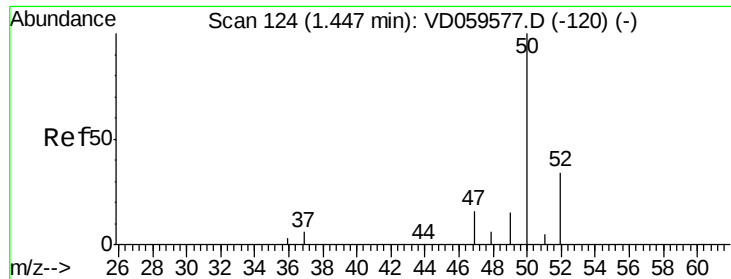
Tot Ion:168 Resp: 155892  
Ion Ratio Lower Upper  
168 100  
99 65.3 47.3 70.9



#2  
Dichlorodifluoromethane  
Concen: 26.965 ug/l  
RT: 1.33 min Scan# 112  
Delta R.T. 0.02 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Tgt Ion: 85 Resp: 50999  
Ion Ratio Lower Upper  
85 100  
87 33.9 17.3 51.7

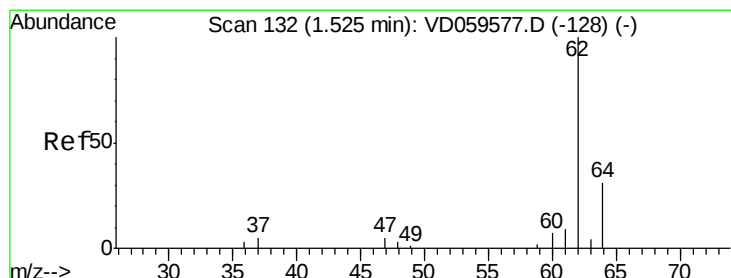
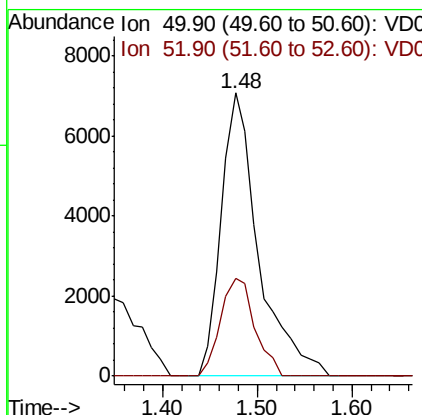
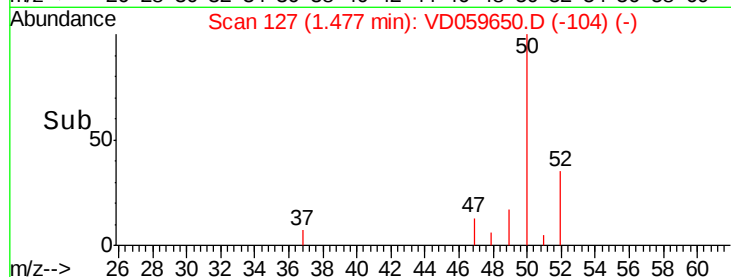
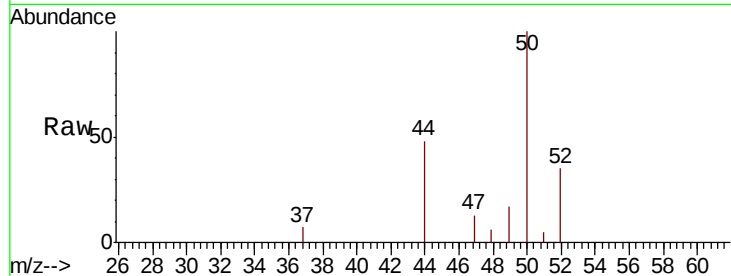




#3  
 Chloromethane  
 Concen: 19.859 ug/l  
 RT: 1.48 min Scan# 127  
 Delta R.T. 0.03 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

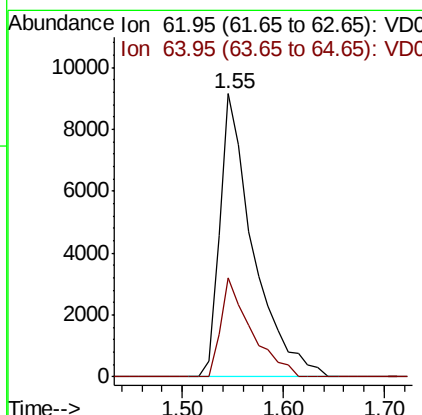
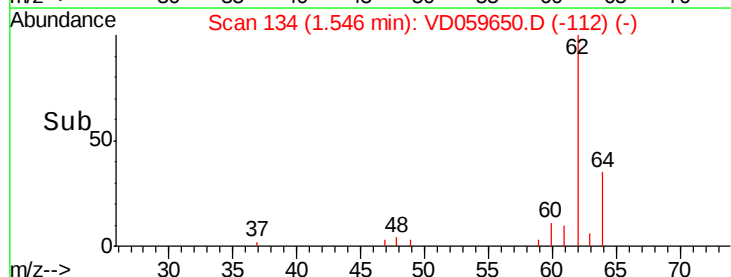
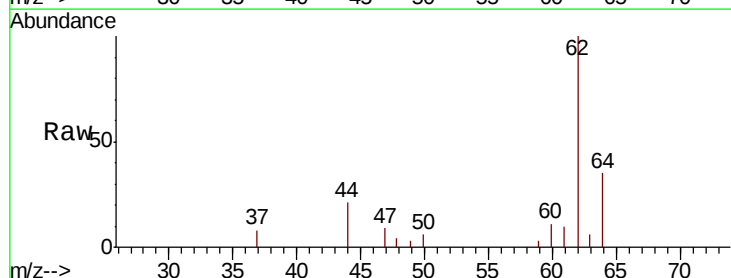
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBS01

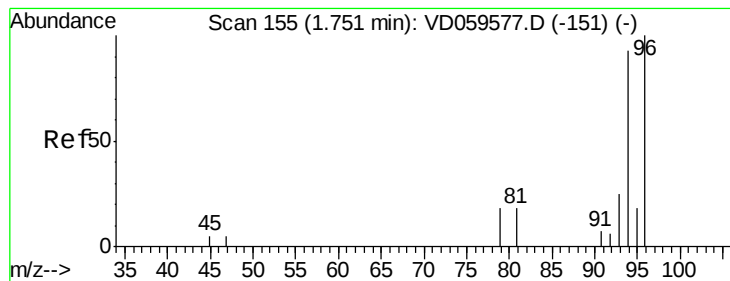
Tot Ion: 50 Resp: 19349  
 Ion Ratio Lower Upper  
 50 100  
 52 34.7 27.3 40.9



#4  
 Vinyl Chloride  
 Concen: 20.805 ug/l  
 RT: 1.55 min Scan# 134  
 Delta R.T. 0.02 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Tgt Ion: 62 Resp: 21095  
 Ion Ratio Lower Upper  
 62 100  
 64 34.9 25.0 37.4





#5

Bromomethane

Concen: 22.959 ug/l

RT: 1.77 min Scan# 157

Delta R.T. 0.02 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

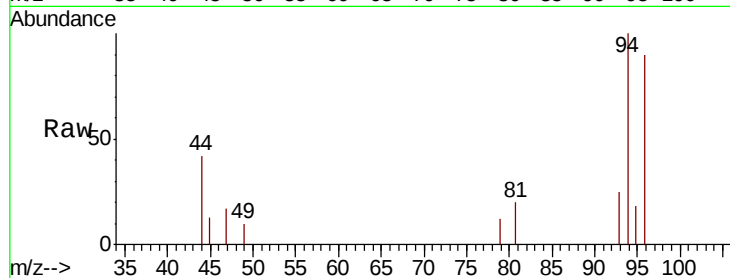
VD0731SBS01

Tot Ion: 94 Resp: 4466

Ion Ratio Lower Upper

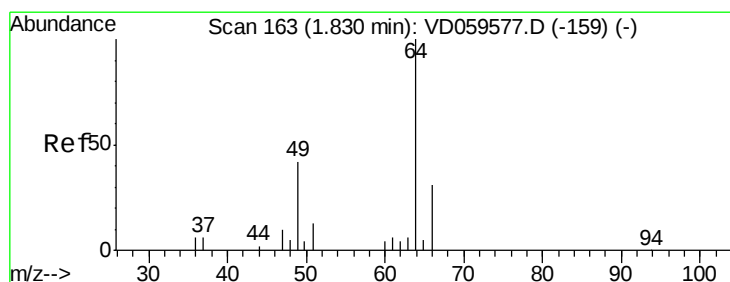
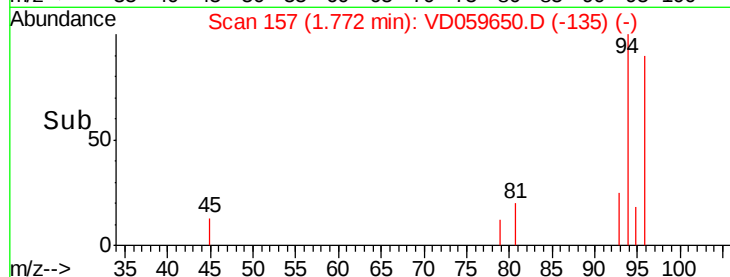
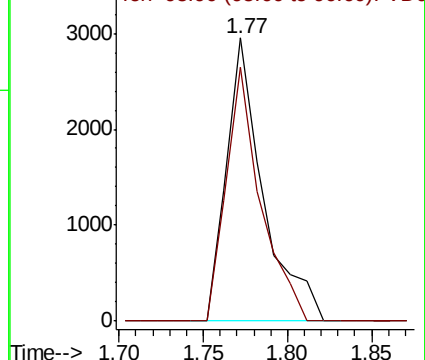
94 100

96 89.9 86.2 129.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 22.035 ug/l

RT: 1.86 min Scan# 166

Delta R.T. 0.03 min

Lab File: VD059650.D

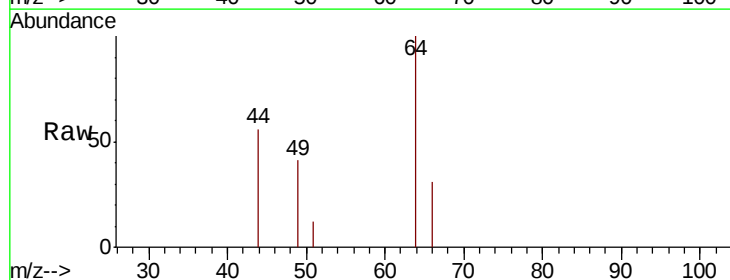
Acq: 31 Jul 2018 13:29

Tgt Ion: 64 Resp: 6536

Ion Ratio Lower Upper

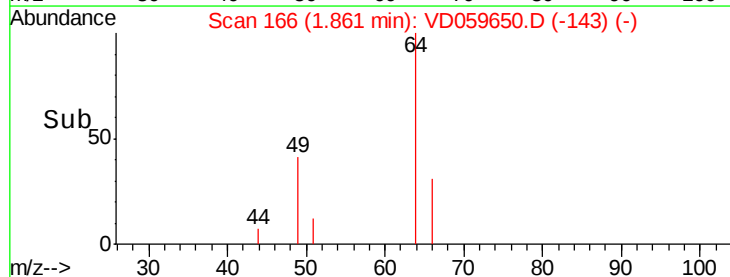
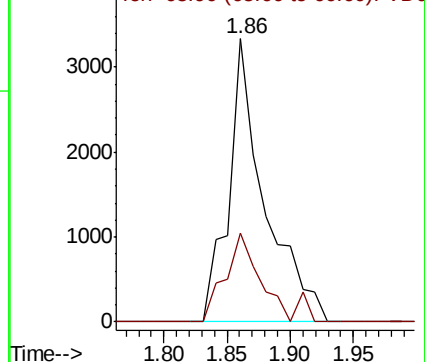
64 100

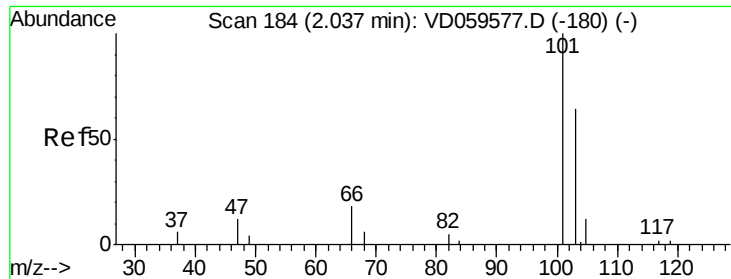
66 31.4 25.2 37.8



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



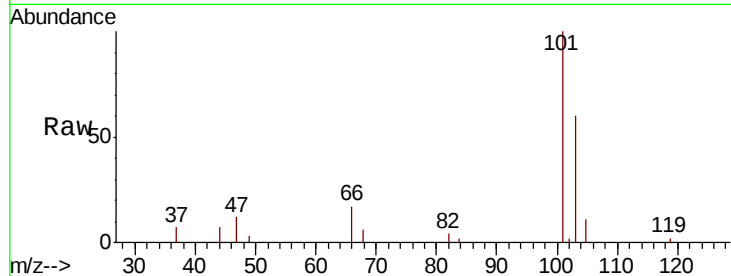


#7

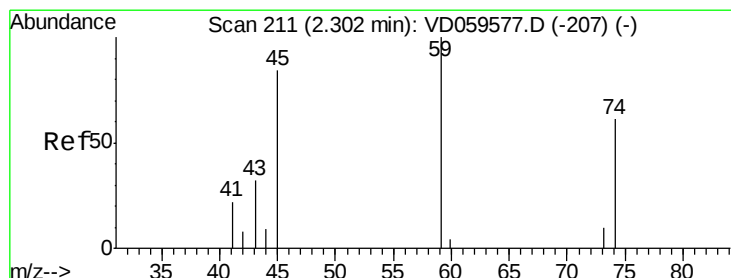
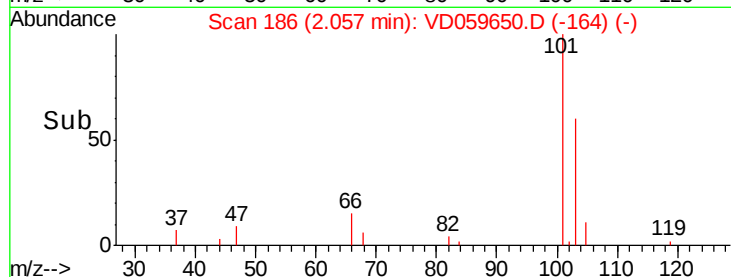
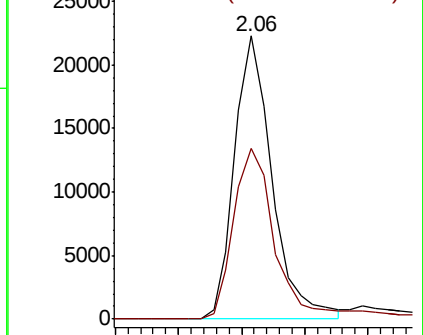
Trichlorofluoromethane  
 Concen: 26.647 ug/l  
 RT: 2.06 min Scan# 186  
 Delta R.T. 0.02 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBS01

Tot Ion:101 Resp: 46095  
 Ion Ratio Lower Upper  
 101 100  
 103 60.3 50.9 76.3



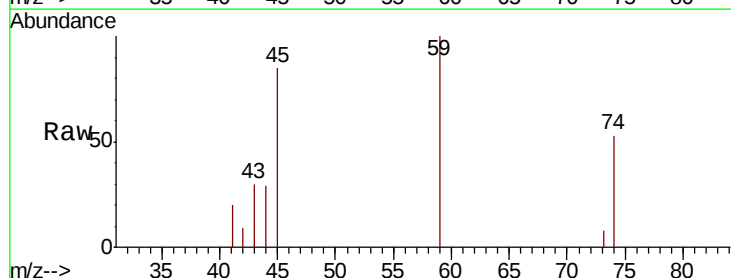
Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 102.85 (102.55 to 103.55): V



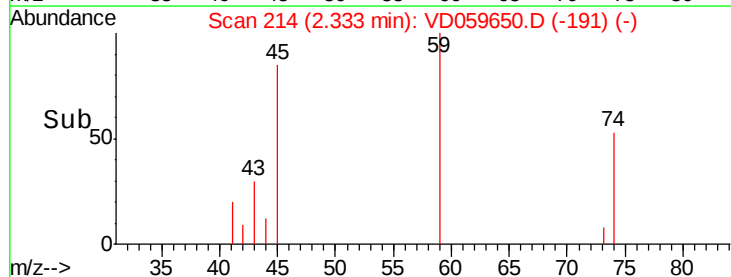
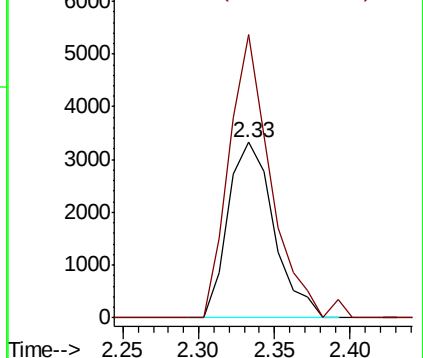
#8

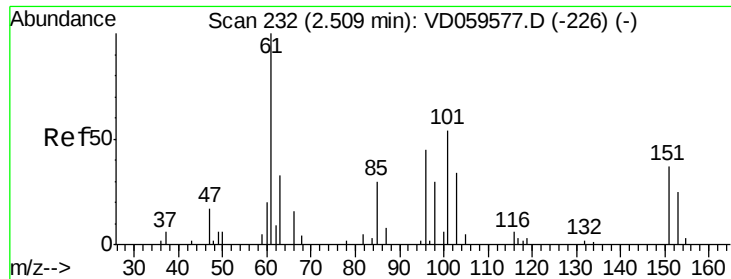
Diethyl Ether  
 Concen: 23.007 ug/l  
 RT: 2.33 min Scan# 214  
 Delta R.T. 0.03 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Tgt Ion: 74 Resp: 6986  
 Ion Ratio Lower Upper  
 74 100  
 45 161.3 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: 25.897 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.02 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBS01

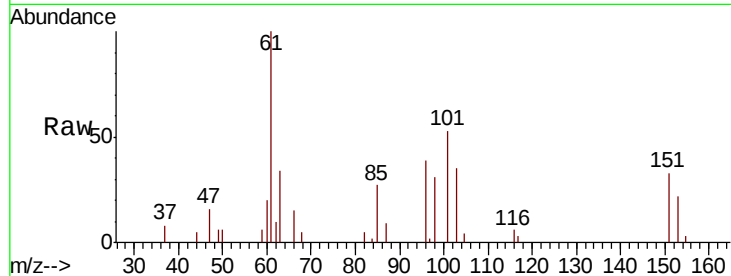
Tot Ion:101 Resp: 23604

Ion Ratio Lower Upper

101 100

85 51.1 44.5 66.7

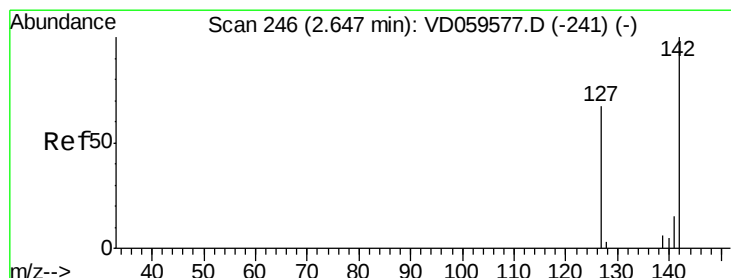
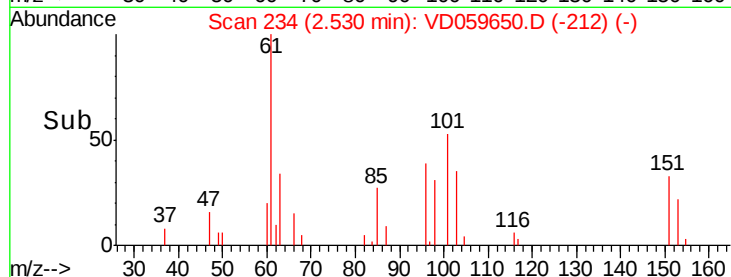
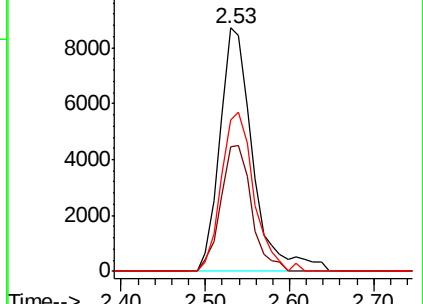
151 62.2 55.4 83.0



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: 21.112 ug/l

RT: 2.68 min Scan# 249

Delta R.T. 0.03 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

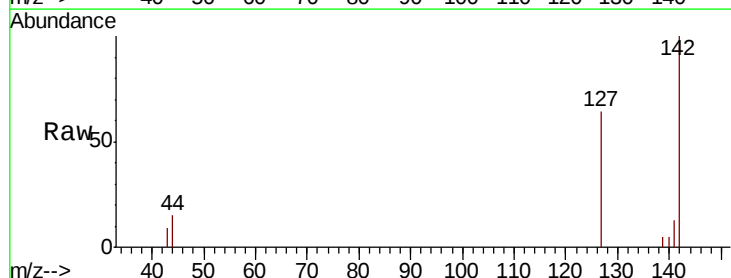
Tgt Ion:142 Resp: 23683

Ion Ratio Lower Upper

142 100

127 64.4 53.6 80.4

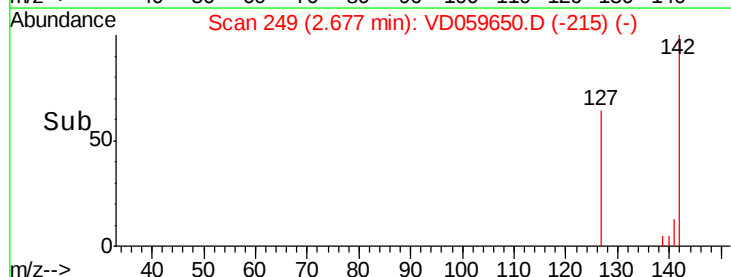
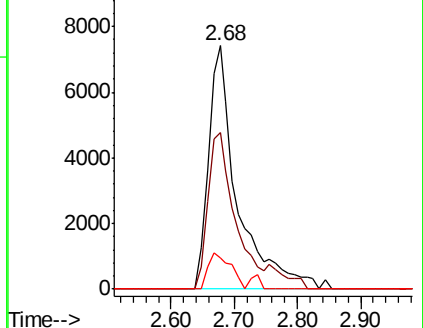
141 12.9 12.2 18.2

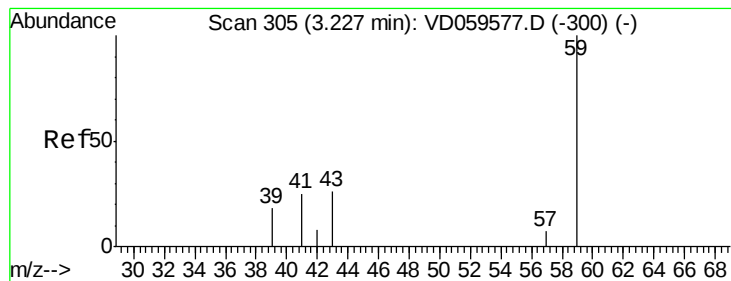


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



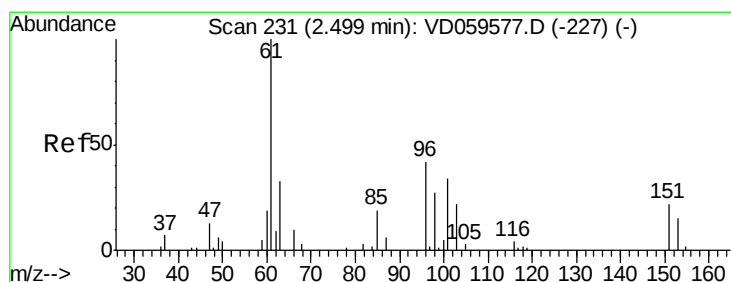
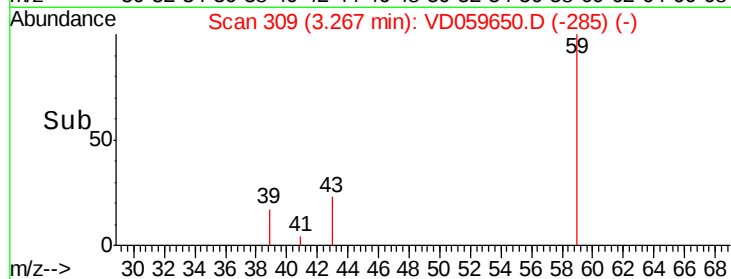
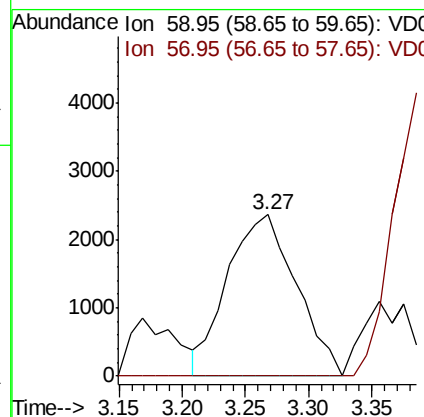
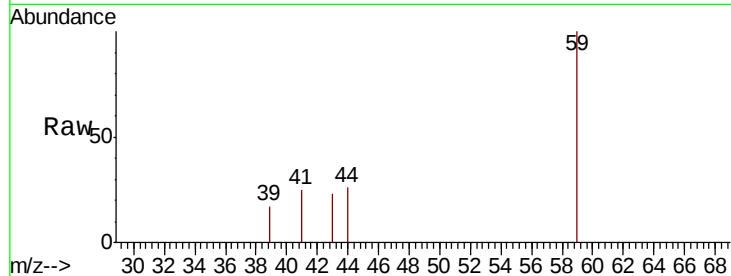


#11

Tert butyl alcohol  
 Concen: 114.330 ug/l  
 RT: 3.27 min Scan# 309  
 Delta R.T. 0.04 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBS01

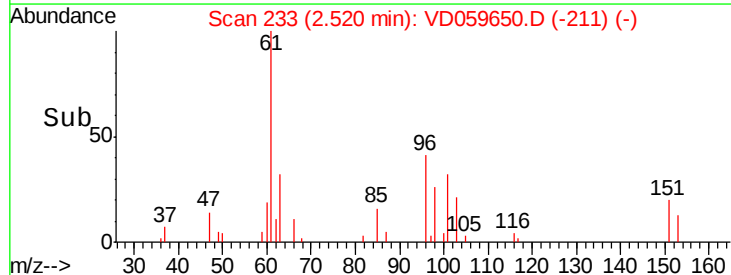
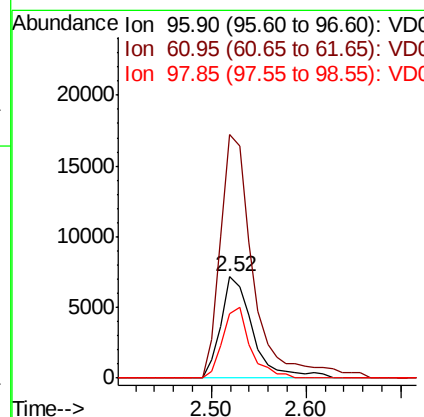
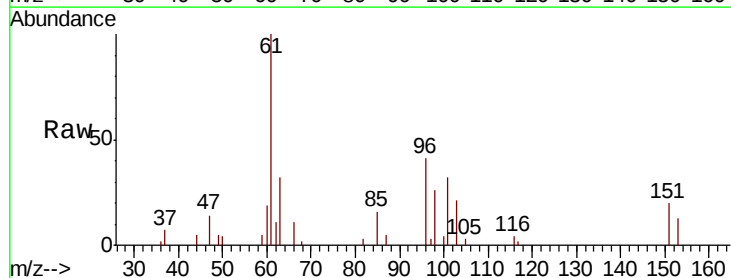
Tot Ion: 59 Resp: 8939  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 5.5 8.3#

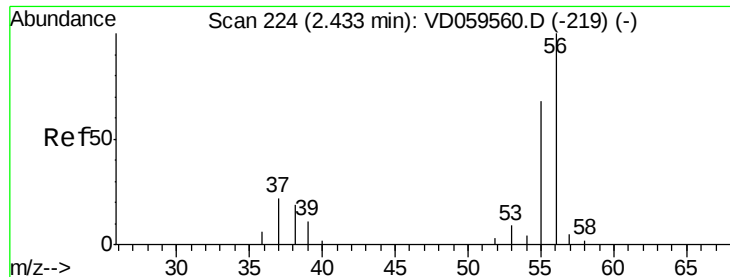


#12

1,1-Dichloroethene  
 Concen: 25.417 ug/l  
 RT: 2.52 min Scan# 233  
 Delta R.T. 0.02 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Tgt Ion: 96 Resp: 16792  
 Ion Ratio Lower Upper  
 96 100  
 61 241.1 188.8 283.2  
 98 63.5 51.4 77.2





#13

Acrolein

Concen: 92.949 ug/l

RT: 2.46 min Scan# 227

Delta R.T. 0.03 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

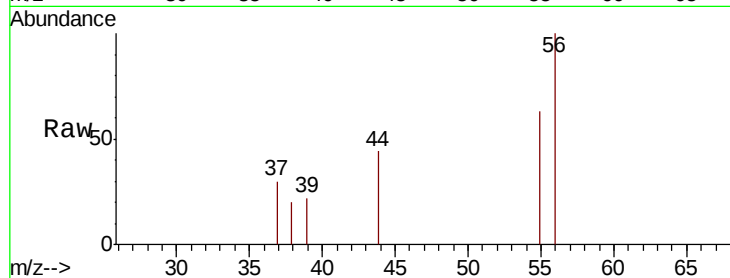
VD0731SBS01

Tot Ion: 56 Resp: 3744

Ion Ratio Lower Upper

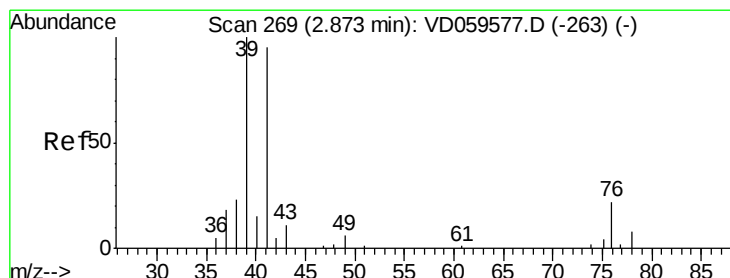
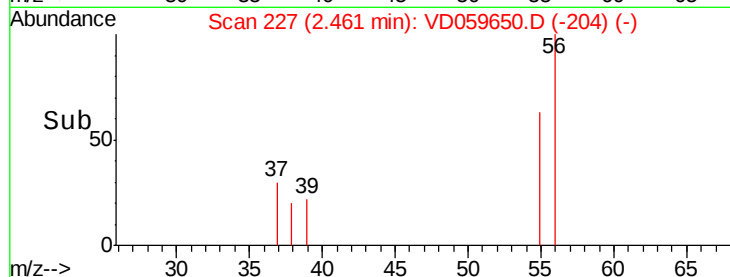
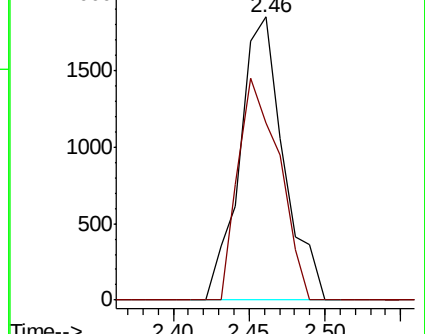
56 100

55 62.5 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: 23.368 ug/l

RT: 2.90 min Scan# 272

Delta R.T. 0.03 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

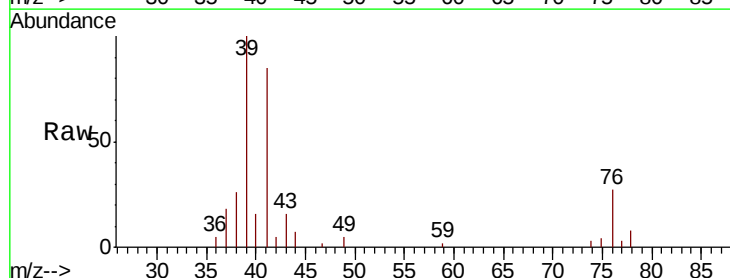
Tgt Ion: 41 Resp: 37434

Ion Ratio Lower Upper

41 100

39 117.1 83.8 125.8

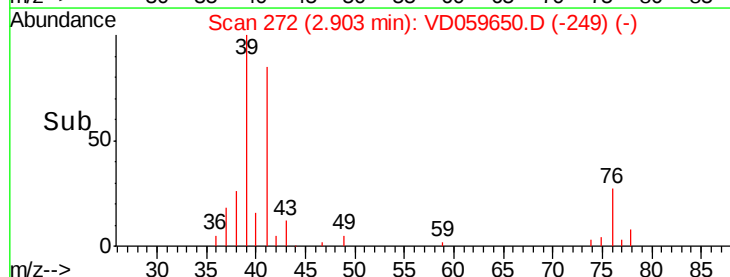
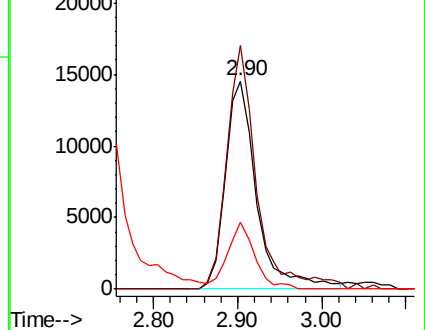
76 32.0 22.2 33.4

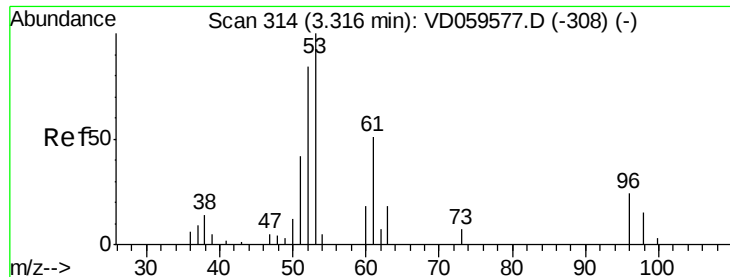


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 124.417 ug/l

RT: 3.34 min Scan# 316

Delta R.T. 0.02 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBS01

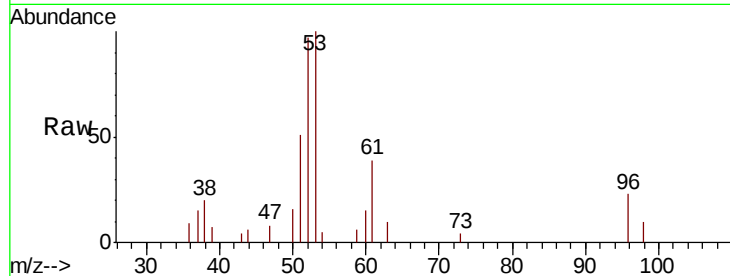
Tot Ion: 53 Resp: 21097

Ion Ratio Lower Upper

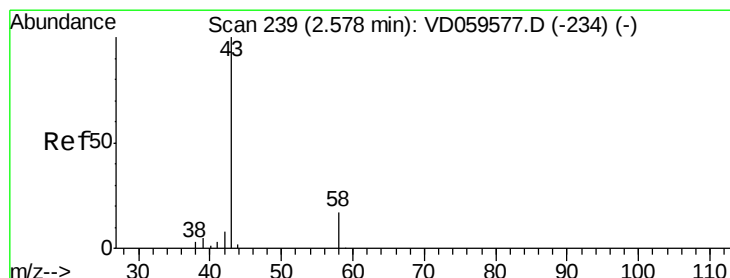
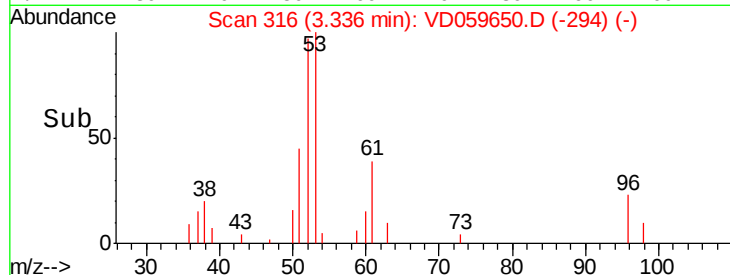
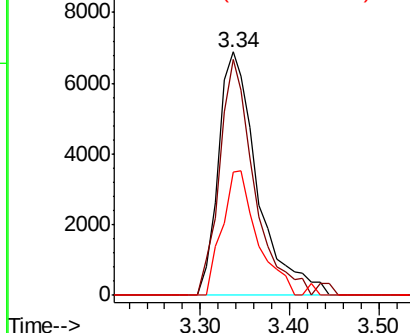
53 100

52 96.8 67.6 101.4

51 50.7 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: 123.103 ug/l

RT: 2.60 min Scan# 241

Delta R.T. 0.02 min

Lab File: VD059650.D

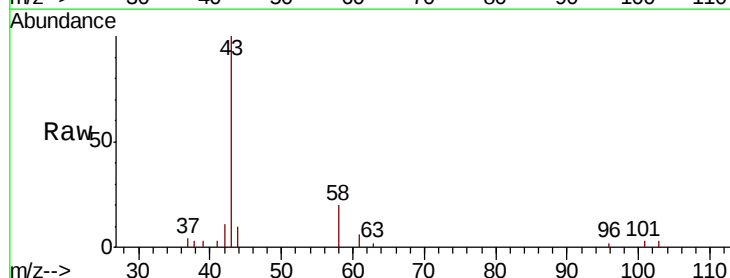
Acq: 31 Jul 2018 13:29

Tgt Ion: 43 Resp: 36435

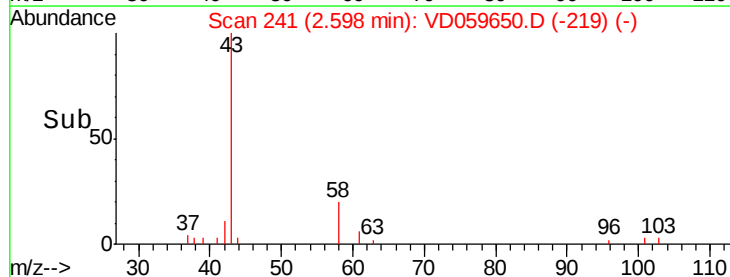
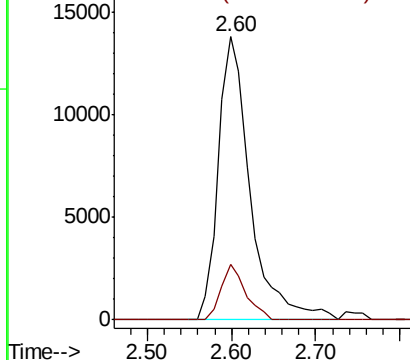
Ion Ratio Lower Upper

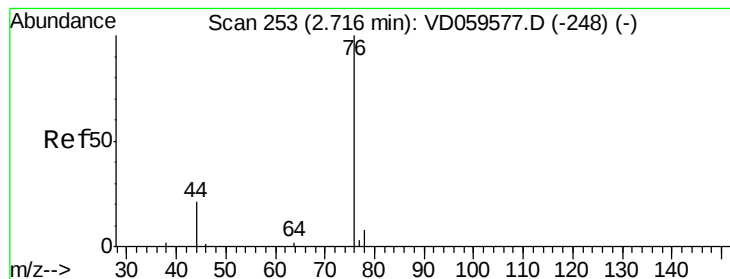
43 100

58 19.6 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: 22.179 ug/l

RT: 2.74 min Scan# 255

Delta R.T. 0.02 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

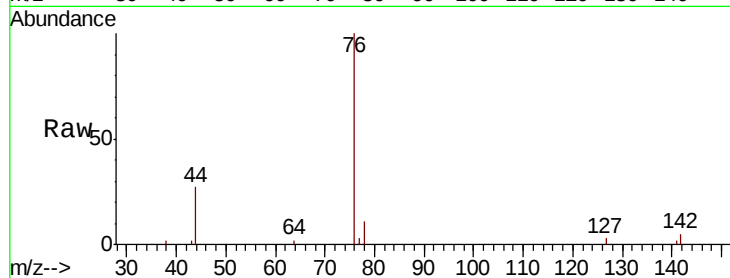
VD0731SBS01

Tot Ion: 76 Resp: 58201

Ion Ratio Lower Upper

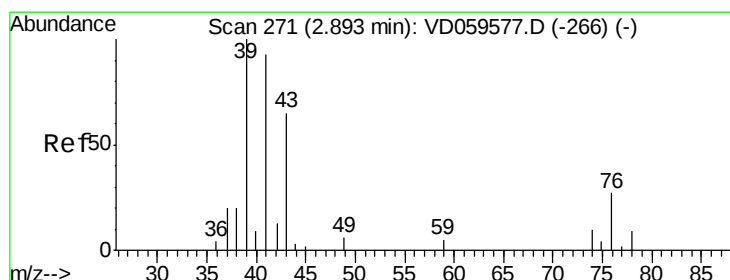
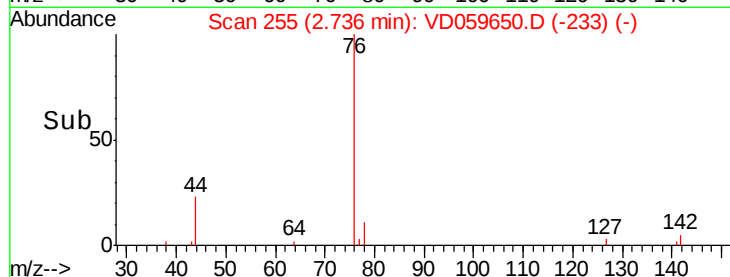
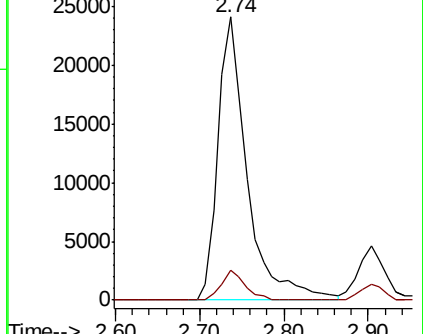
76 100

78 10.6 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: 21.789 ug/l

RT: 2.92 min Scan# 274

Delta R.T. 0.03 min

Lab File: VD059650.D

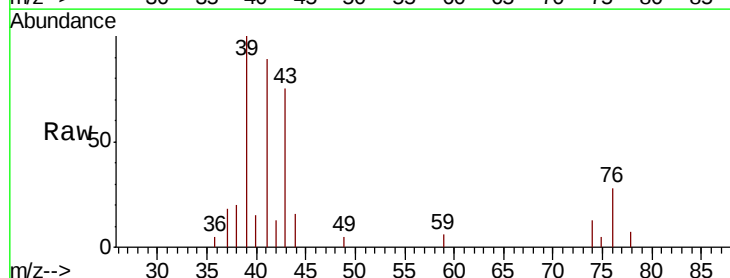
Acq: 31 Jul 2018 13:29

Tgt Ion: 43 Resp: 12896

Ion Ratio Lower Upper

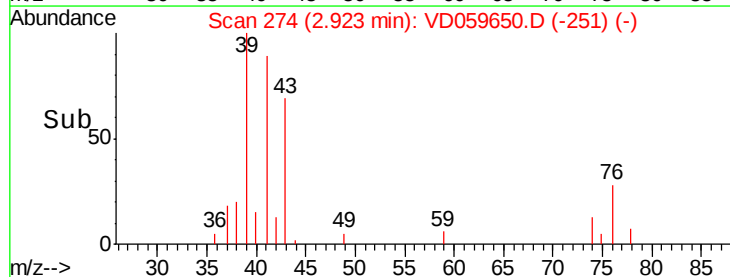
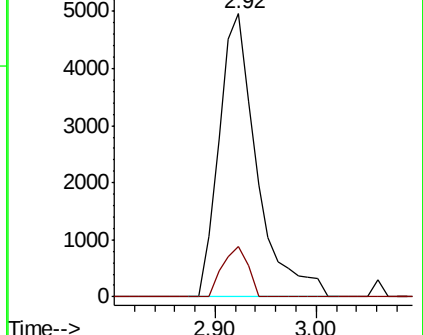
43 100

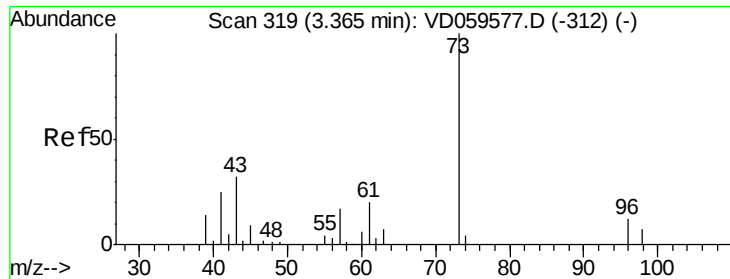
74 17.6 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

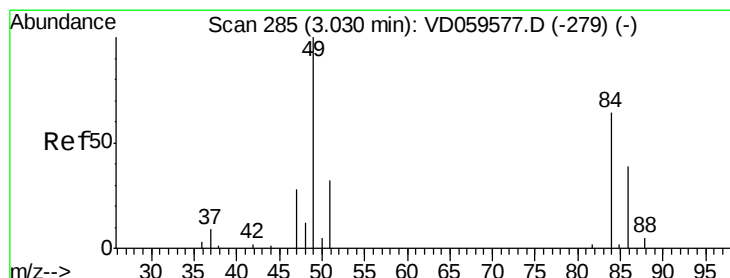
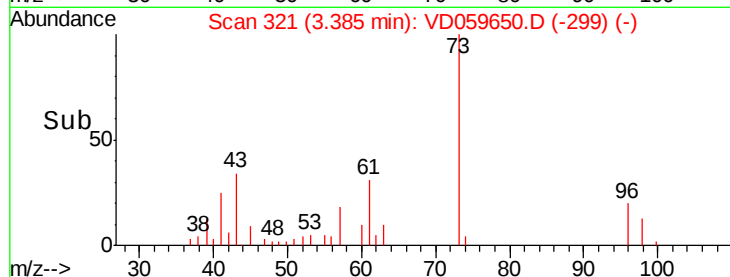
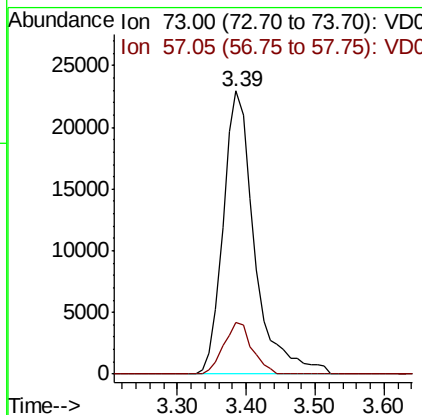
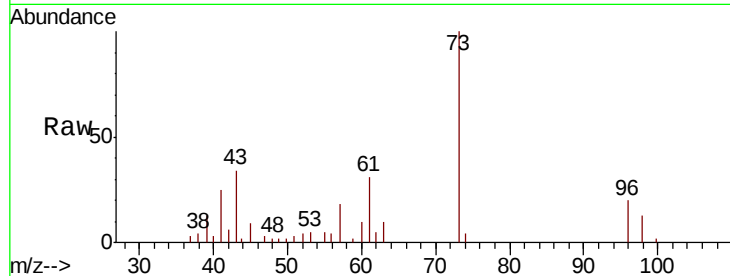




#19  
Methvl tert-butvl Ether  
Concen: 32.642 ug/l  
RT: 3.39 min Scan# 321  
Delta R.T. 0.02 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

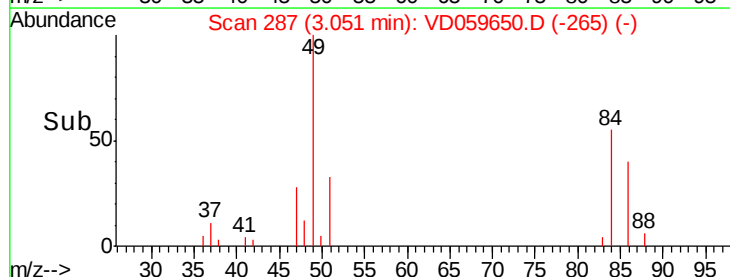
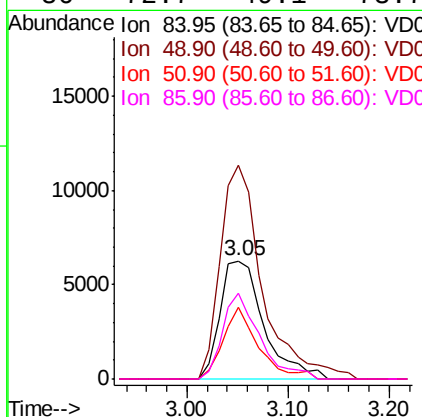
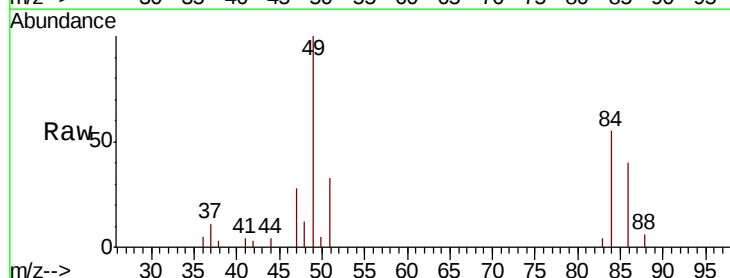
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

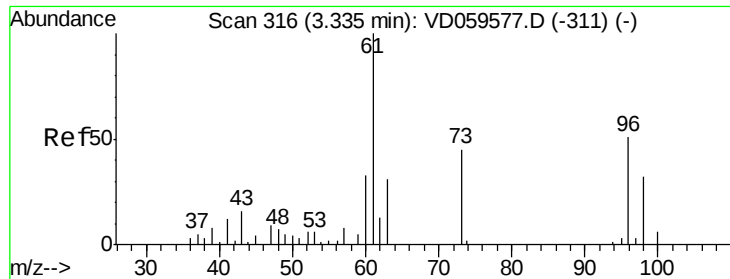
Tot Ion: 73 Resp: 72282  
Ion Ratio Lower Upper  
73 100  
57 18.1 13.4 20.2



#20  
Methylene Chloride  
Concen: 22.394 ug/l  
RT: 3.05 min Scan# 287  
Delta R.T. 0.02 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Tgt Ion: 84 Resp: 18899  
Ion Ratio Lower Upper  
84 100  
49 181.0 125.4 188.2  
51 60.6 39.7 59.5#  
86 72.7 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 37.206 ug/l

RT: 3.37 min Scan# 319

Delta R.T. 0.03 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBS01

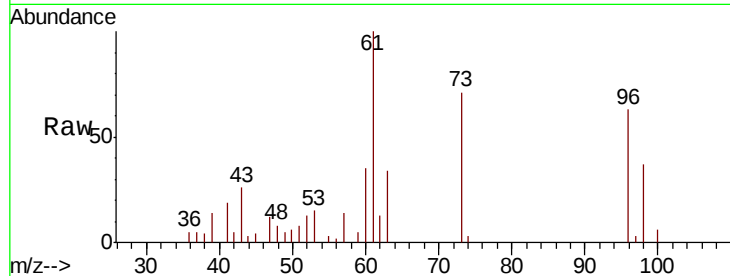
Tot Ion: 96 Resp: 26506

Ion Ratio Lower Upper

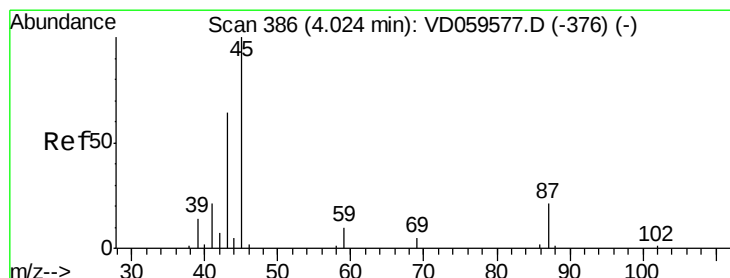
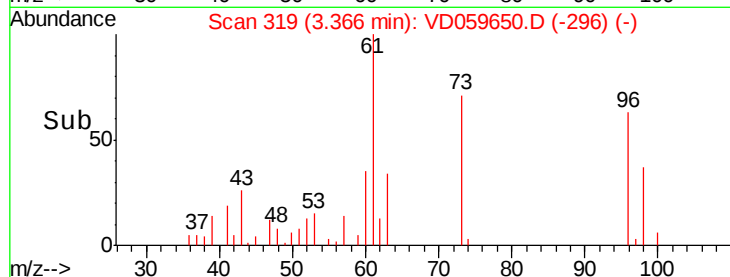
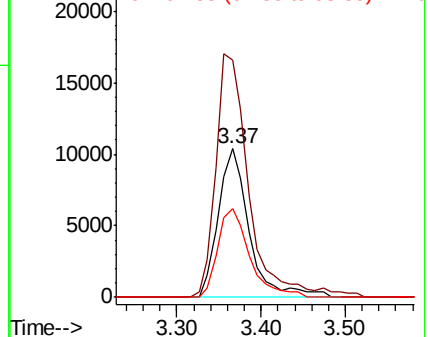
96 100

61 159.8 155.8 233.6

98 59.8 49.1 73.7



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



#22

Diisopropyl ether

Concen: 19.957 ug/l

RT: 4.05 min Scan# 389

Delta R.T. 0.03 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Tgt Ion: 45 Resp: 84065

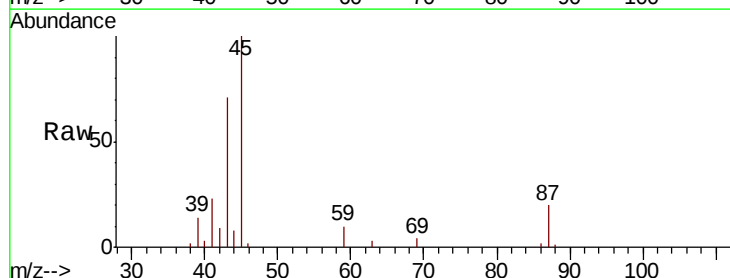
Ion Ratio Lower Upper

45 100

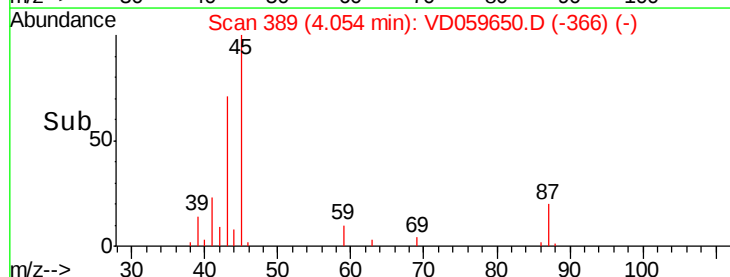
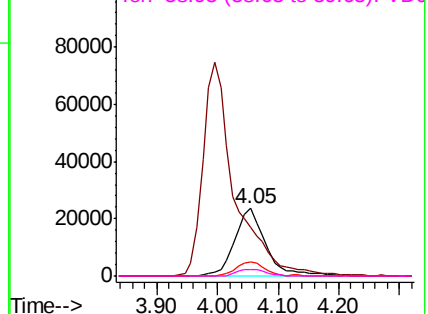
43 71.1 59.4 89.2

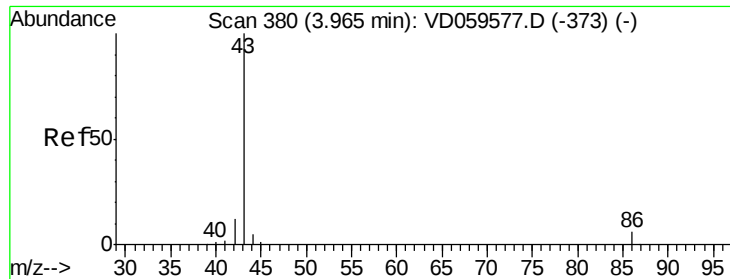
87 20.3 16.7 25.1

59 9.8 8.2 12.4



Abundance Ion 45.05 (44.75 to 45.75): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 87.00 (86.70 to 87.70): VDC  
Ion 58.95 (58.65 to 59.65): VDC

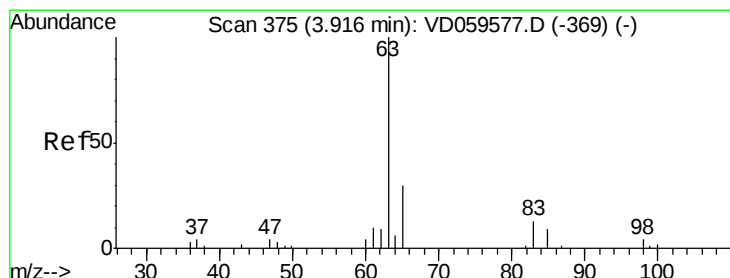
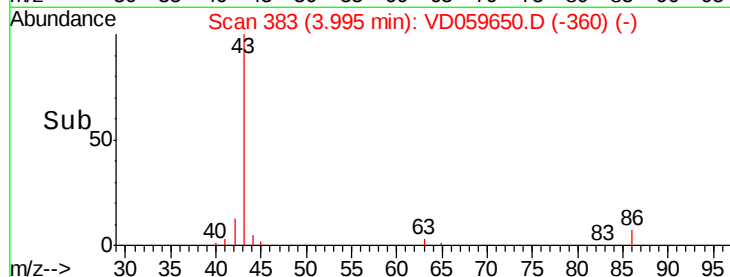
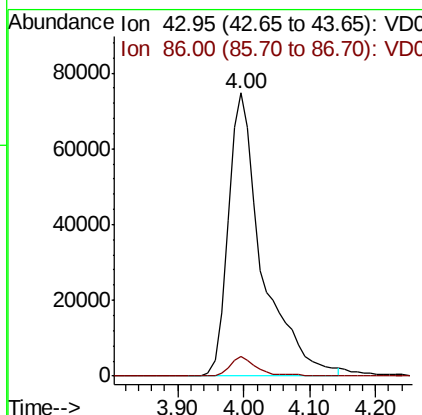
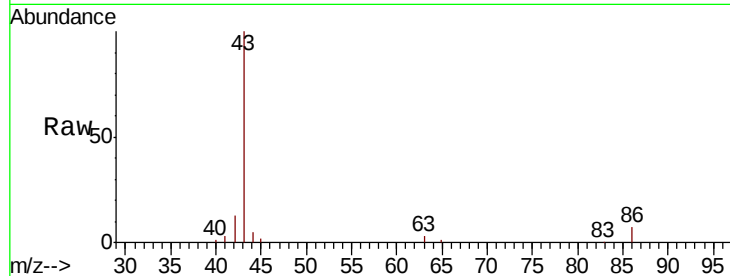




#23  
 Vinyl Acetate  
 Concen: 100.630 ug/l  
 RT: 4.00 min Scan# 383  
 Delta R.T. 0.03 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

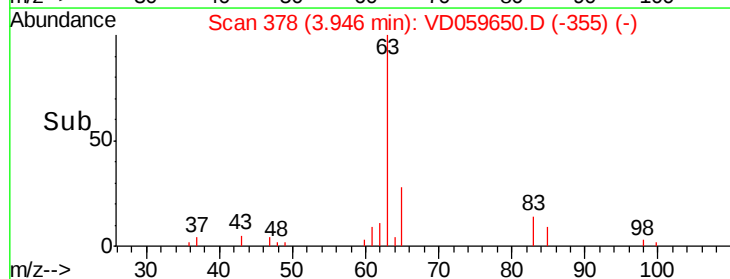
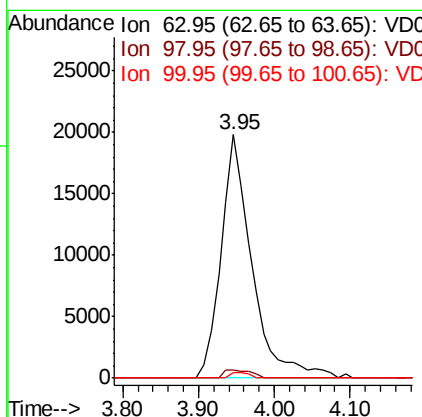
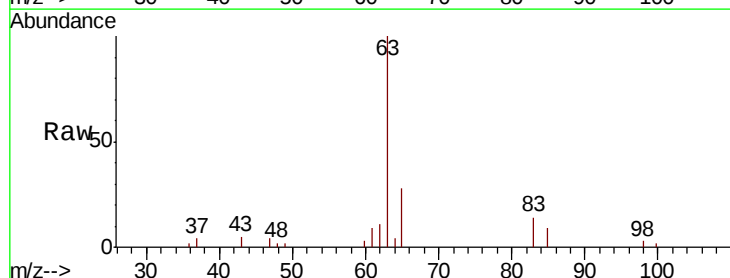
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBS01

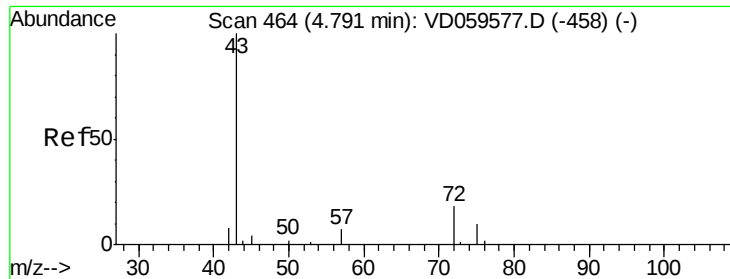
Tot Ion: 43 Resp: 269026  
 Ion Ratio Lower Upper  
 43 100  
 86 6.9 5.1 7.7



#24  
 1,1-Dichloroethane  
 Concen: 20.999 ug/l  
 RT: 3.95 min Scan# 378  
 Delta R.T. 0.03 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Tgt Ion: 63 Resp: 55841  
 Ion Ratio Lower Upper  
 63 100  
 98 3.5 1.8 5.5  
 100 2.2 1.1 3.3





#25

2-Butanone

Concen: 93.175 ug/l

RT: 4.82 min Scan# 467

Delta R.T. 0.03 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

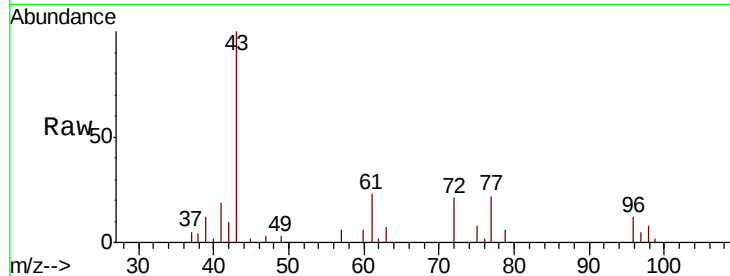
VD0731SBS01

Tot Ion: 43 Resp: 42054

Ion Ratio Lower Upper

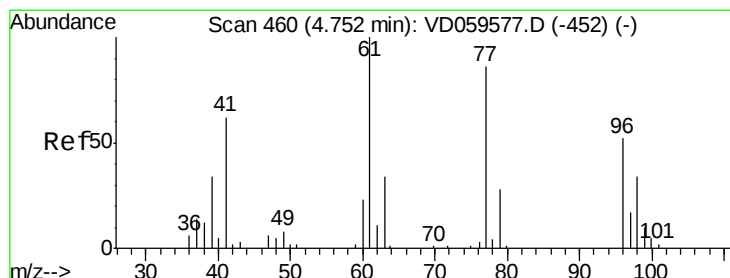
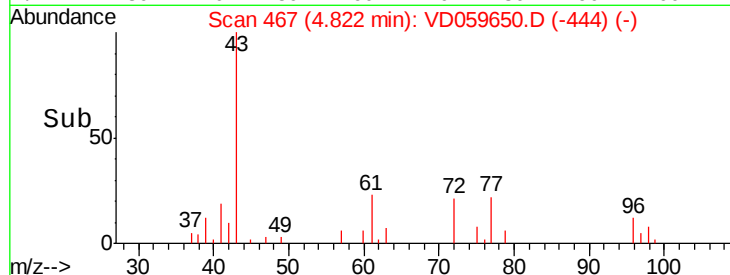
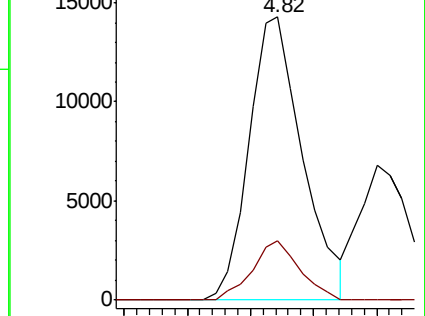
43 100

72 20.8 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: 23.341 ug/l

RT: 4.78 min Scan# 463

Delta R.T. 0.03 min

Lab File: VD059650.D

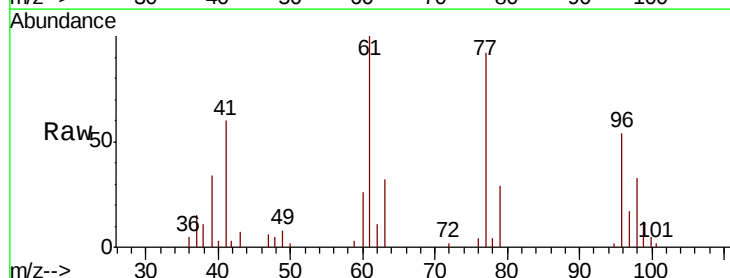
Acq: 31 Jul 2018 13:29

Tgt Ion: 77 Resp: 63567

Ion Ratio Lower Upper

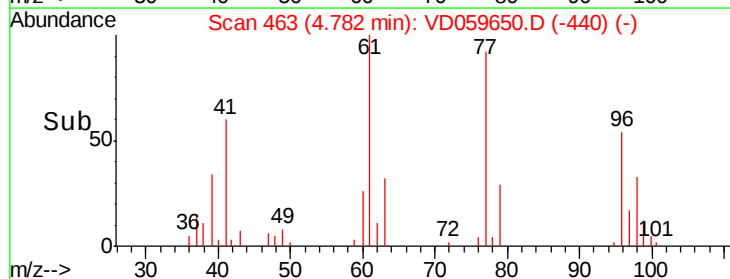
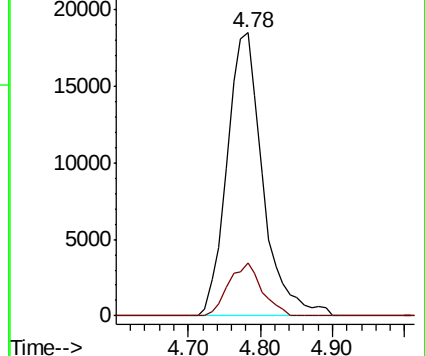
77 100

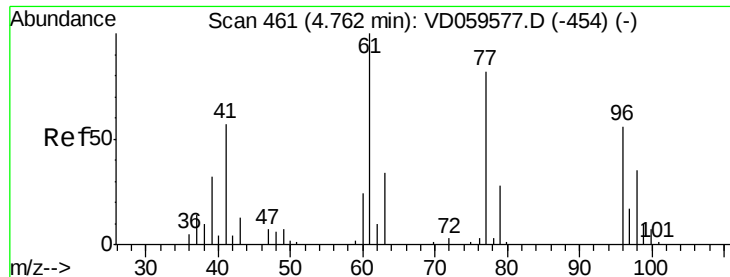
97 18.7 9.7 29.1



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



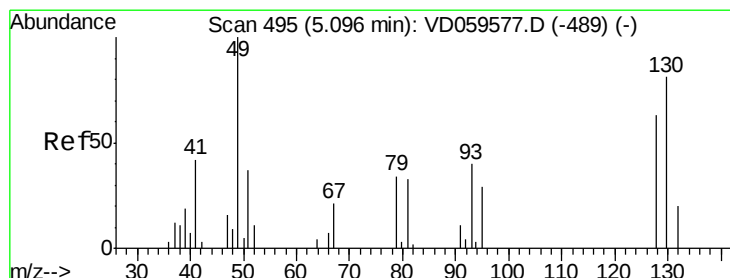
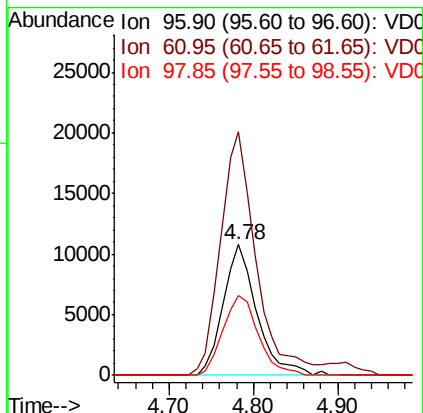
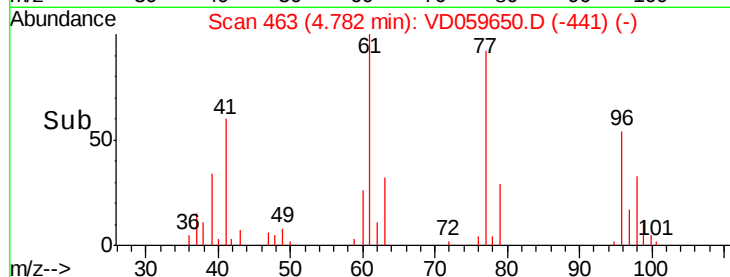
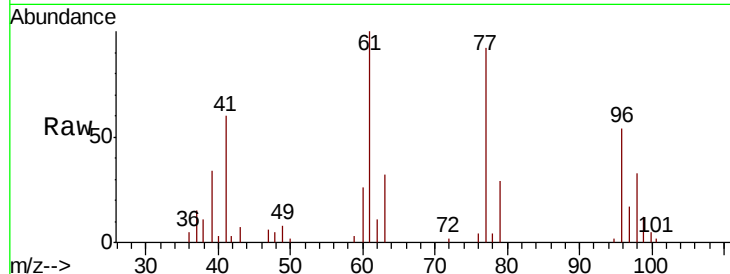


#27

cis-1,2-Dichloroethene  
 Concen: 21.094 ug/l  
 RT: 4.78 min Scan# 463  
 Delta R.T. 0.02 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBS01

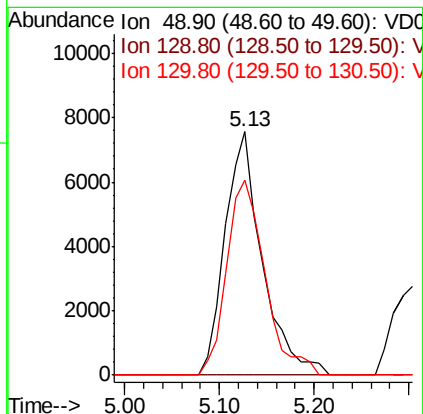
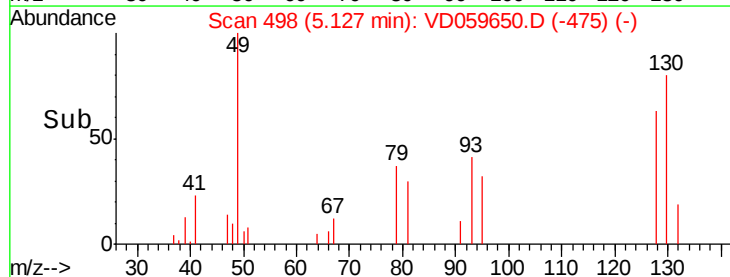
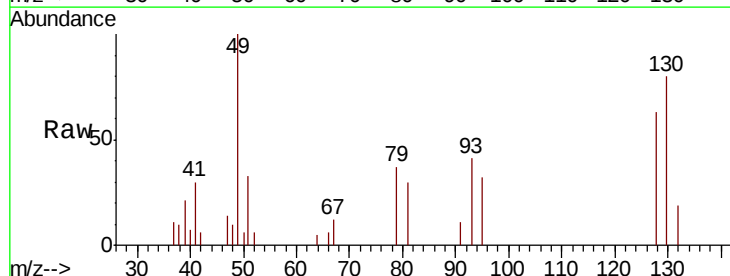
Tot Ion: 96 Resp: 30016  
 Ion Ratio Lower Upper  
 96 100  
 61 186.0 0.0 355.0  
 98 60.8 0.0 125.8

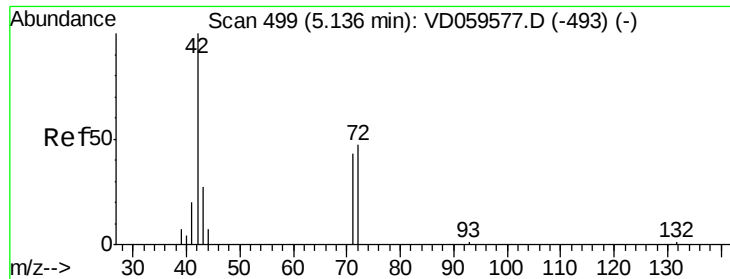


#28

Bromochloromethane  
 Concen: 19.537 ug/l  
 RT: 5.13 min Scan# 498  
 Delta R.T. 0.03 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Tgt Ion: 49 Resp: 20557  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 0.0  
 130 80.2 64.6 96.8

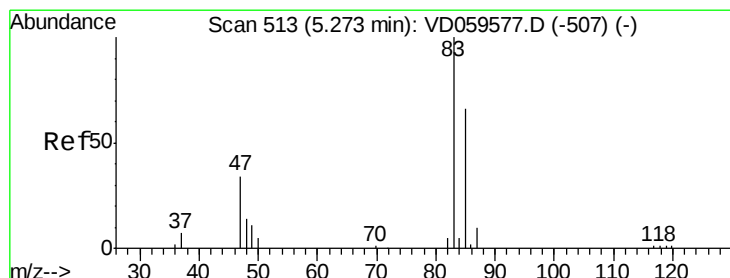
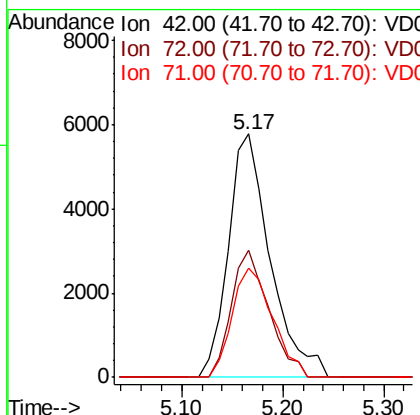
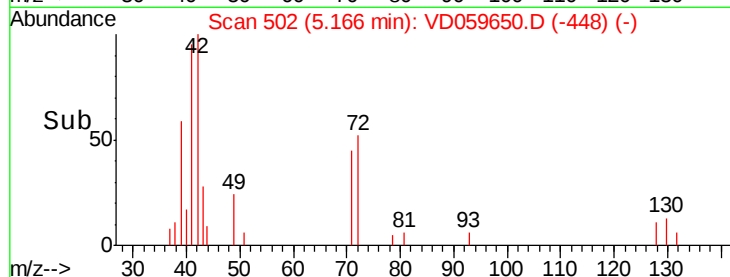
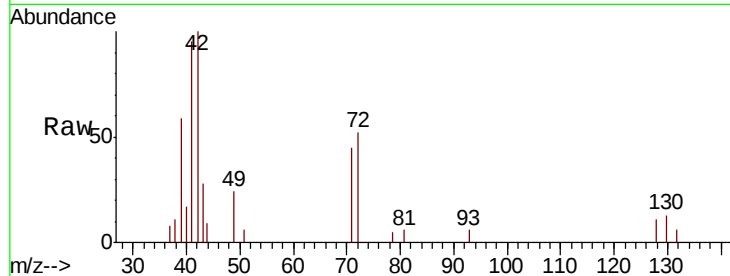




#29  
Tetrahydrofuran  
Concen: 79.690 ug/l  
RT: 5.17 min Scan# 502  
Delta R.T. 0.03 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

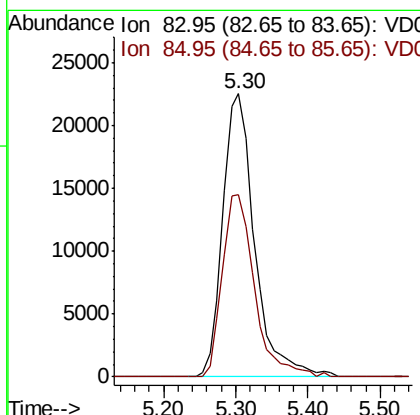
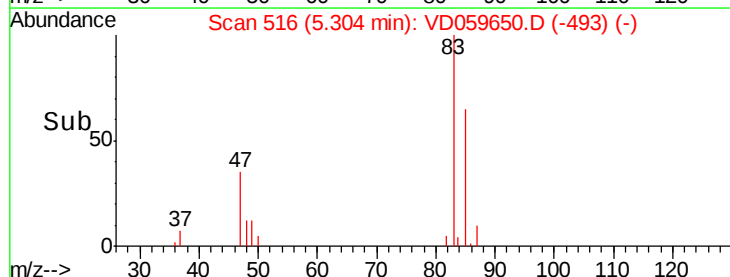
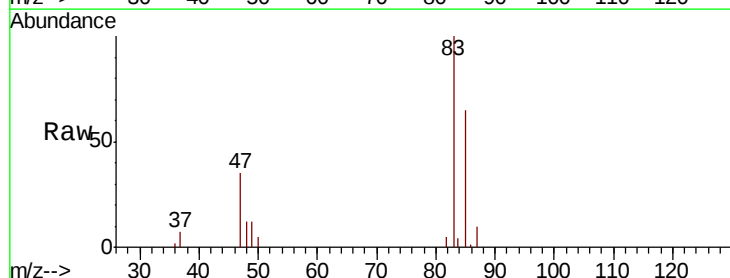
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

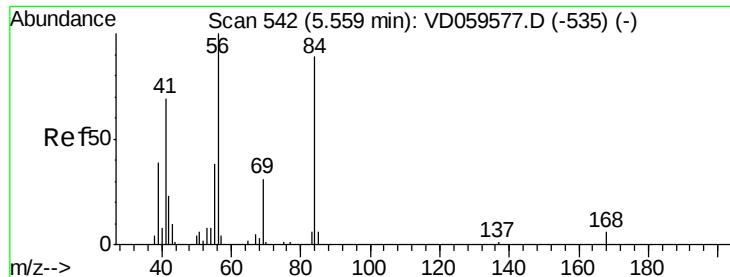
Tot Ion: 42 Resp: 16654  
Ion Ratio Lower Upper  
42 100  
72 46.6 35.0 52.4  
71 43.4 34.2 51.2



#30  
Chloroform  
Concen: 21.719 ug/l  
RT: 5.30 min Scan# 516  
Delta R.T. 0.03 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Tgt Ion: 83 Resp: 69076  
Ion Ratio Lower Upper  
83 100  
85 64.6 53.0 79.6

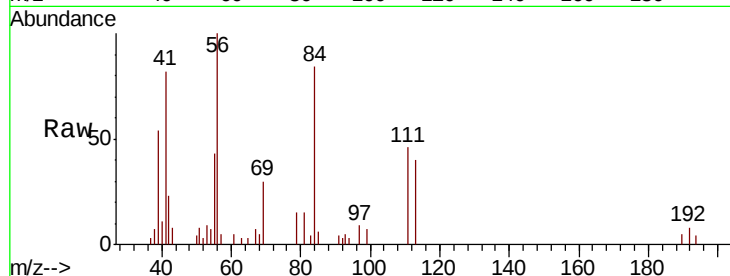




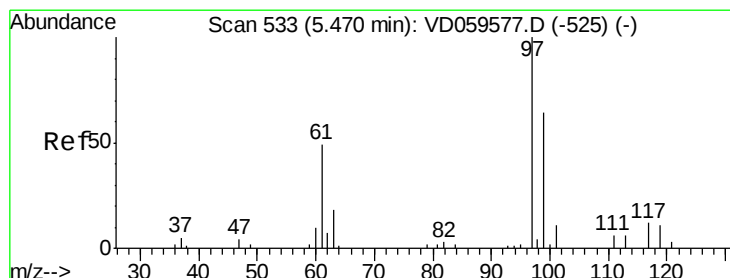
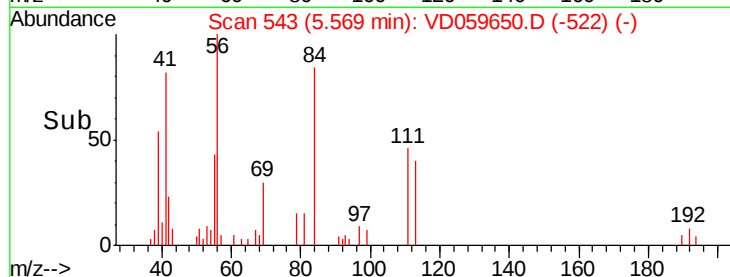
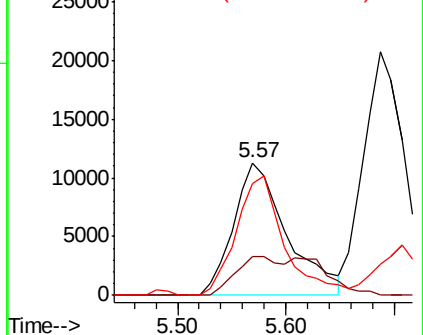
#31  
Cyclohexane  
Concen: 19.369 ug/l  
RT: 5.57 min Scan# 543  
Delta R.T. 0.01 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

Tot Ion: 56 Resp: 38875  
Ion Ratio Lower Upper  
56 100  
69 29.7 24.6 37.0  
84 84.4 72.7 109.1

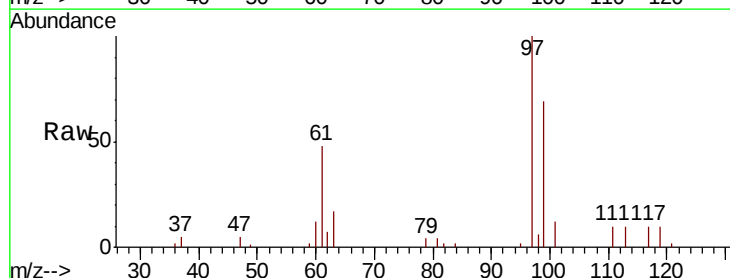


Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC

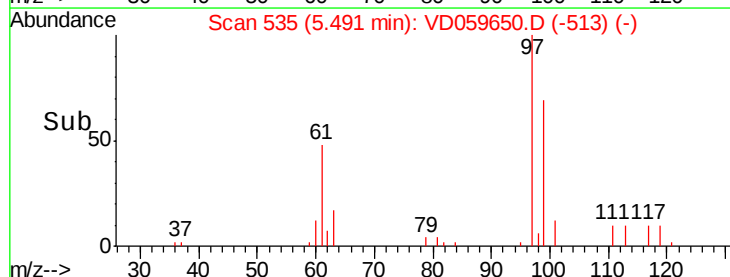
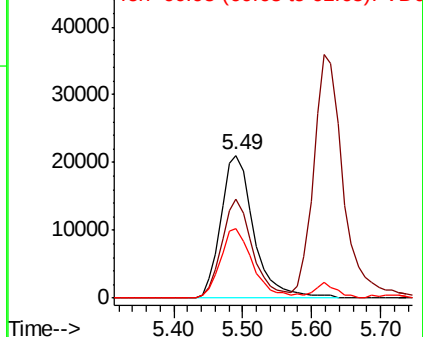


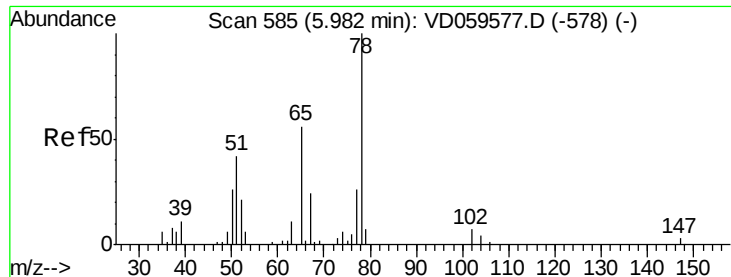
#32  
1,1,1-Trichloroethane  
Concen: 22.624 ug/l  
RT: 5.49 min Scan# 535  
Delta R.T. 0.02 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Tgt Ion: 97 Resp: 69662  
Ion Ratio Lower Upper  
97 100  
99 69.2 50.9 76.3  
61 48.2 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: 22.624 ug/l

RT: 6.00 min Scan# 587

Delta R.T. 0.02 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

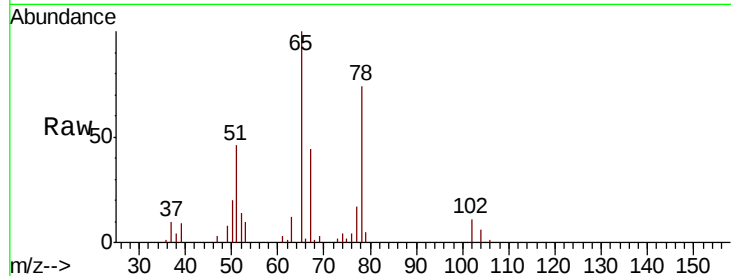
VD0731SBS01

Tot Ion: 65 Resp: 105395

Ion Ratio Lower Upper

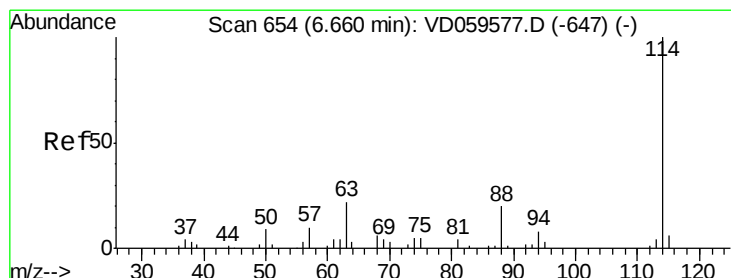
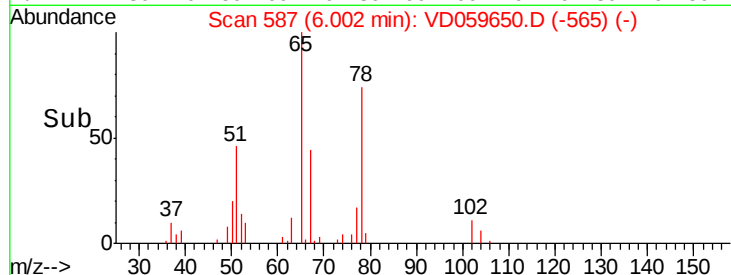
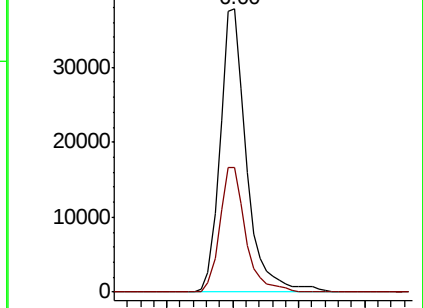
65 100

67 44.0 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.67 min Scan# 655

Delta R.T. 0.01 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

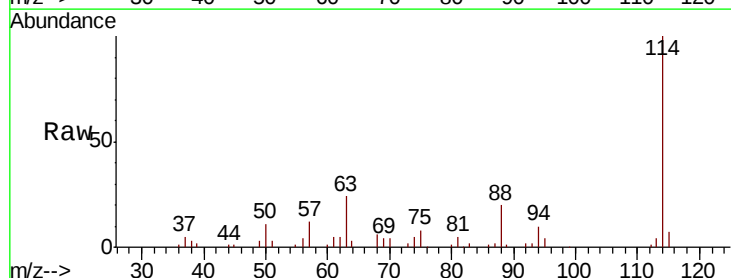
Tgt Ion: 114 Resp: 193982

Ion Ratio Lower Upper

114 100

63 23.6 0.0 43.8

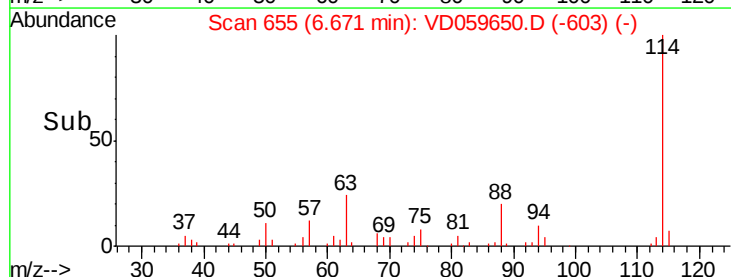
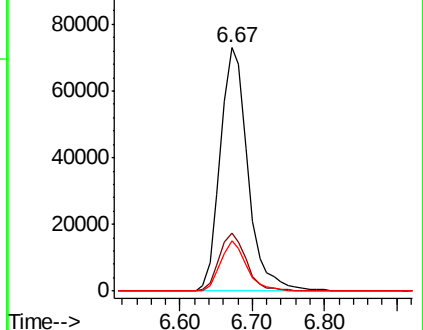
88 20.4 0.0 39.0

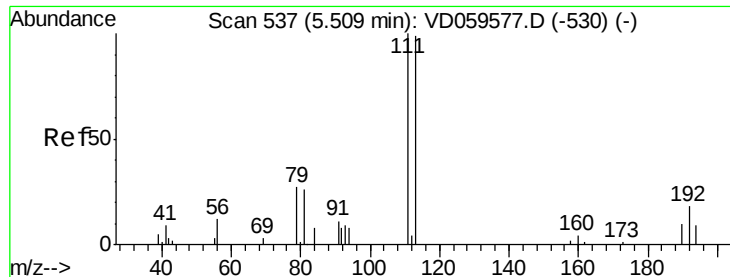


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

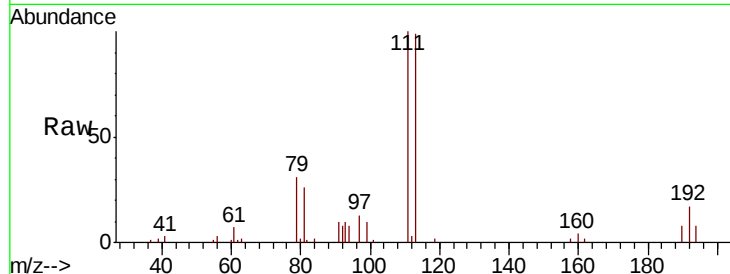




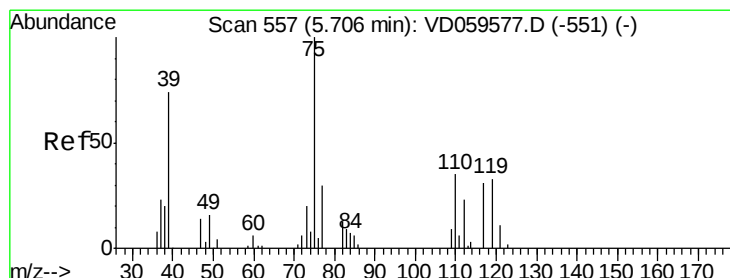
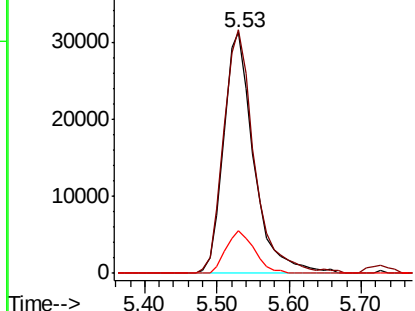
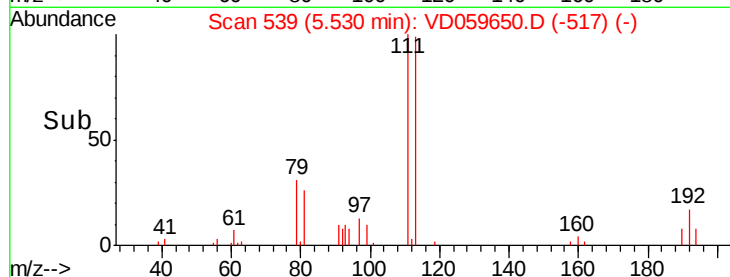
#35  
 Dibromofluoromethane  
 Concen: 50.000 ug/l  
 RT: 5.53 min Scan# 539  
 Delta R.T. 0.02 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBS01

Tot Ion:113 Resp: 90609  
 Ion Ratio Lower Upper  
 113 100  
 111 101.0 80.5 120.7  
 192 17.4 14.5 21.7

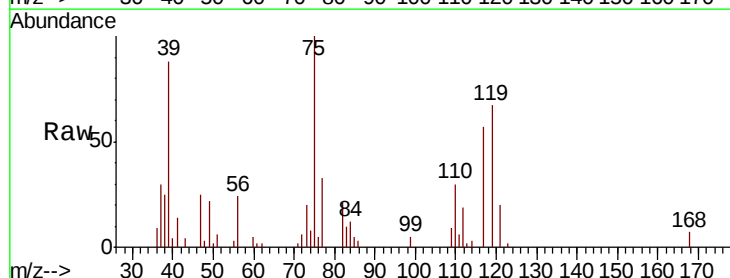


Abundance Ion 112.90 (112.60 to 113.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 191.80 (191.50 to 192.50): V

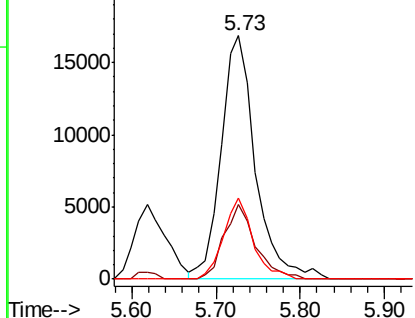
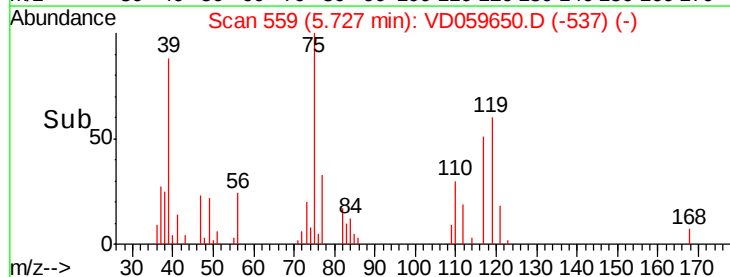


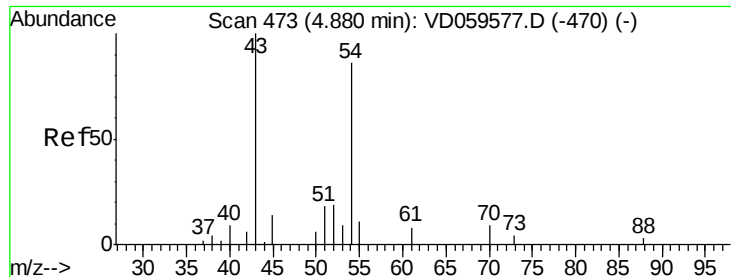
#36  
 1,1-Dichloropropene  
 Concen: 24.537 ug/l  
 RT: 5.73 min Scan# 559  
 Delta R.T. 0.02 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Tgt Ion: 75 Resp: 47762  
 Ion Ratio Lower Upper  
 75 100  
 110 30.5 17.0 50.9  
 77 33.3 23.6 35.4



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

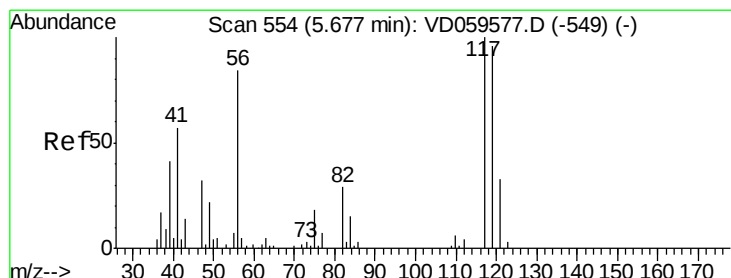
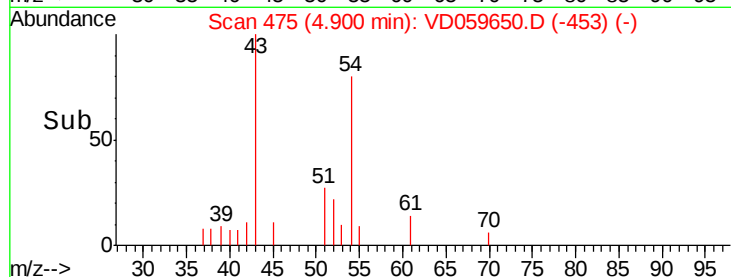
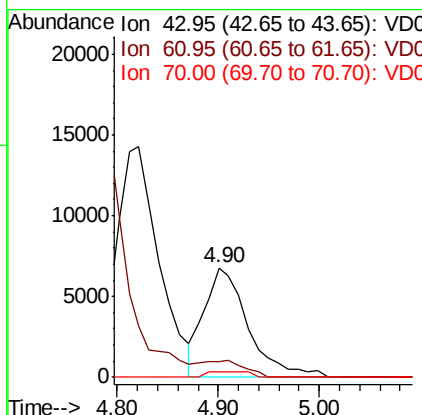
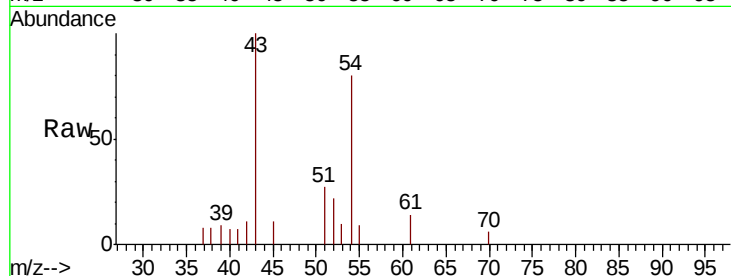




#37  
Ethyl Acetate  
Concen: 20.606 ug/l  
RT: 4.90 min Scan# 475  
Delta R.T. 0.02 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

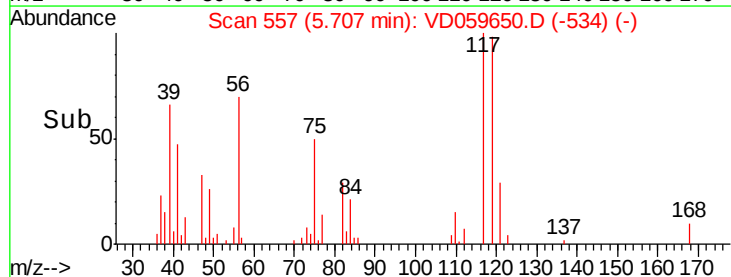
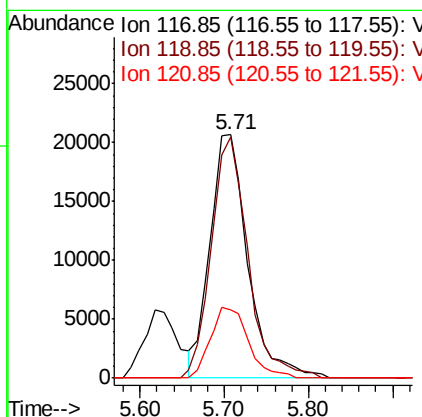
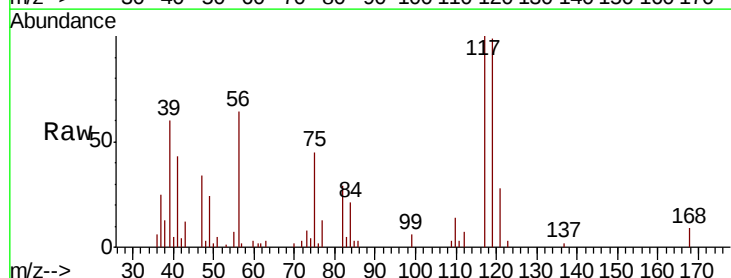
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

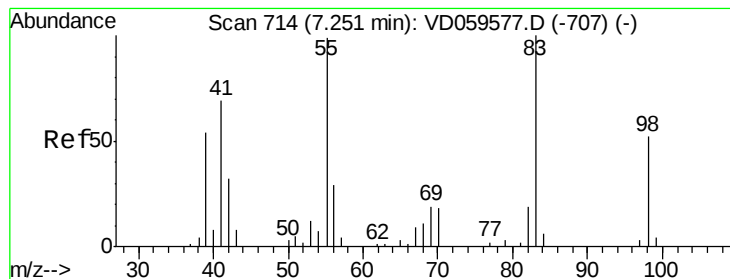
Tot Ion: 43 Resp: 20633  
Ion Ratio Lower Upper  
43 100  
61 14.3 10.7 16.1  
70 5.5 5.4 8.0



#38  
Carbon Tetrachloride  
Concen: 24.214 ug/l  
RT: 5.71 min Scan# 557  
Delta R.T. 0.03 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Tgt Ion: 117 Resp: 64542  
Ion Ratio Lower Upper  
117 100  
119 99.0 73.6 110.4  
121 28.2 25.0 37.6





#39

Methvlcvclohexane

Concen: 20.792 ug/l

RT: 7.27 min Scan# 716

Delta R.T. 0.02 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBS01

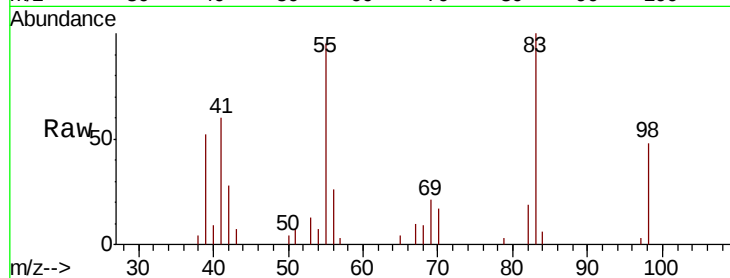
Tot Ion: 83 Resp: 37217

Ion Ratio Lower Upper

83 100

55 94.7 79.4 119.0

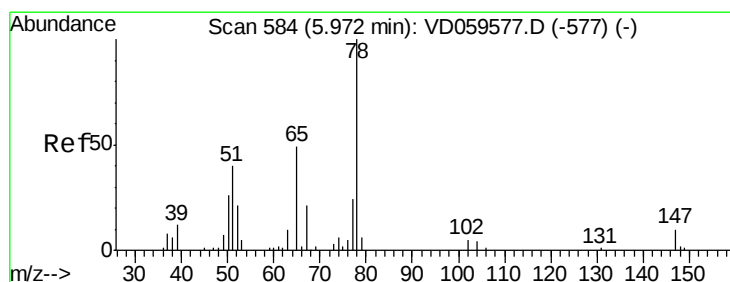
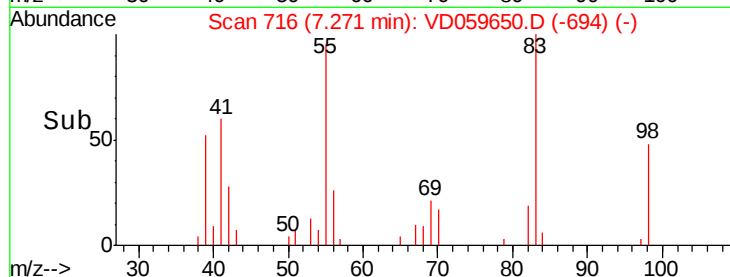
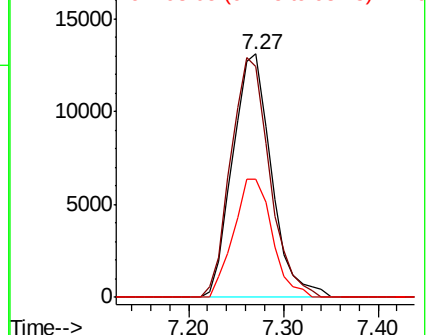
98 48.4 41.6 62.4



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: 20.159 ug/l

RT: 5.99 min Scan# 586

Delta R.T. 0.02 min

Lab File: VD059650.D

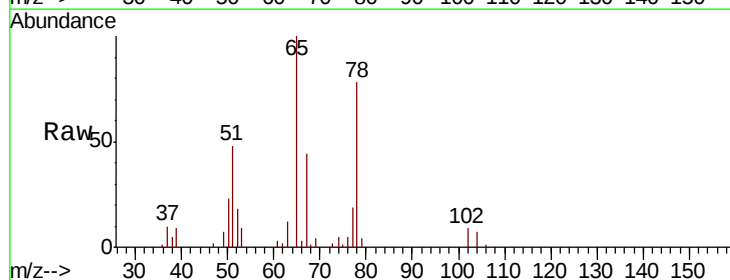
Acq: 31 Jul 2018 13:29

Tgt Ion: 78 Resp: 80468

Ion Ratio Lower Upper

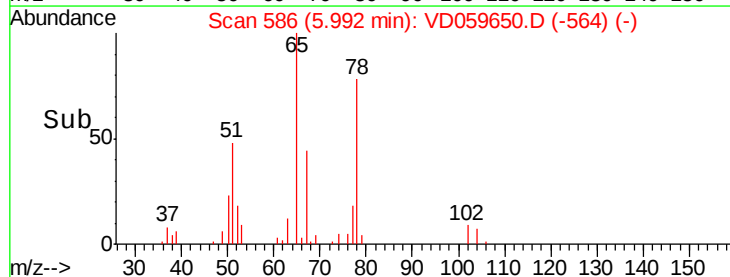
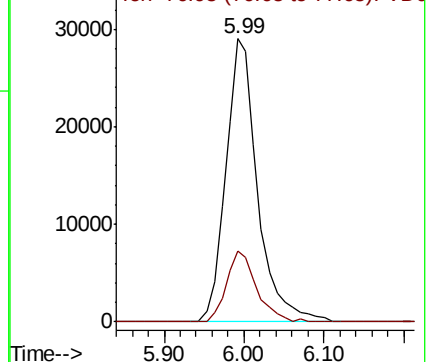
78 100

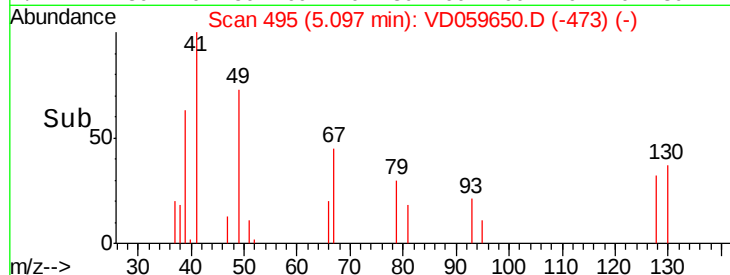
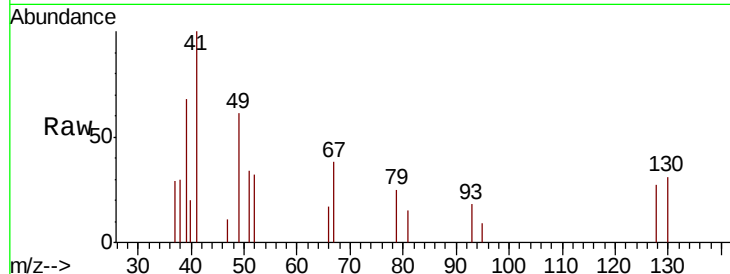
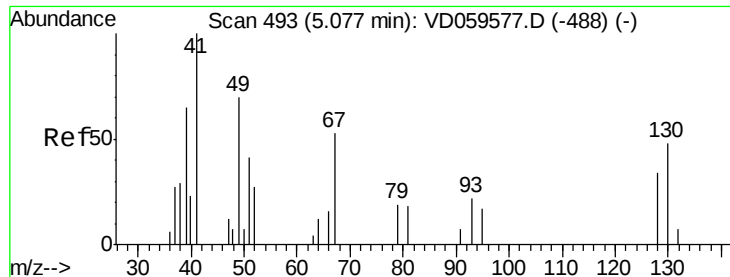
77 25.1 19.0 28.6



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

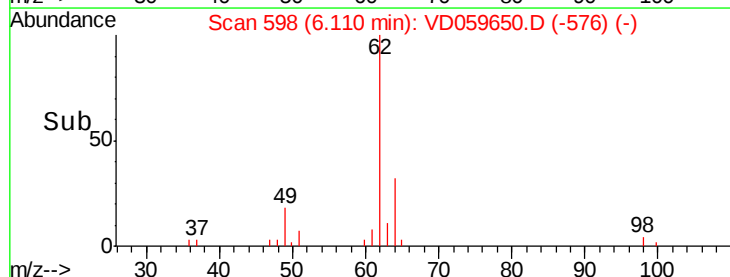
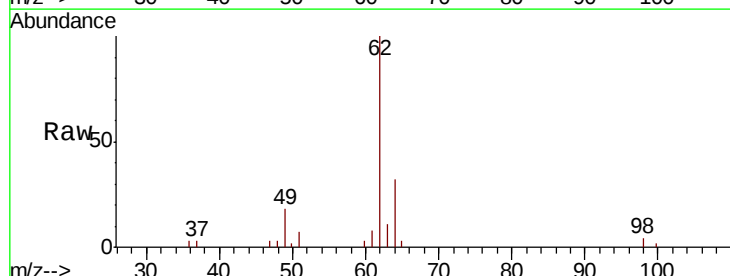
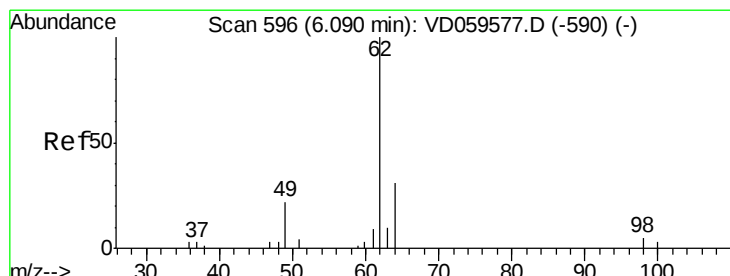
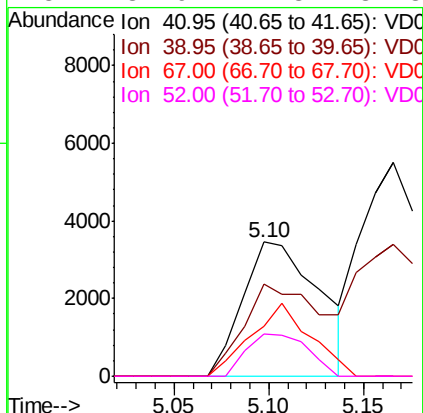




#41  
Methacrylonitrile  
Concen: 19.422 ug/l  
RT: 5.10 min Scan# 495  
Delta R.T. 0.02 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

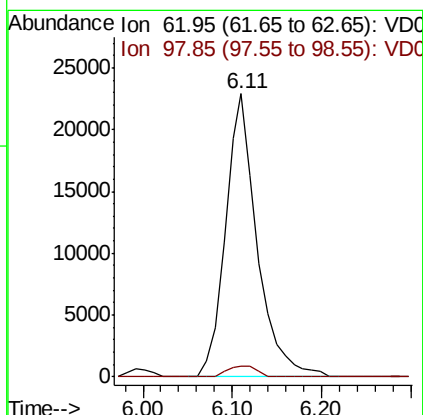
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

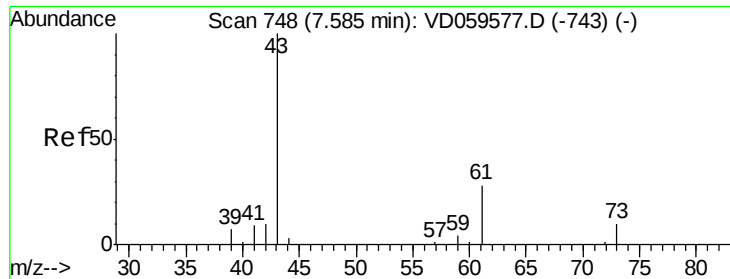
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 9705  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 68.3  | 52.1  | 78.1  |
| 67       | 37.6  | 42.5  | 63.7  |
| 52       | 31.9  | 21.8  | 32.8  |



#42  
1,2-Dichloroethane  
Concen: 23.538 ug/l  
RT: 6.11 min Scan# 598  
Delta R.T. 0.02 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 56609 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 3.6   | 0.0   | 10.2  |



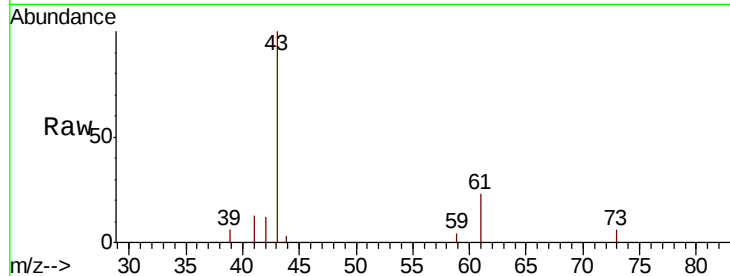


#43

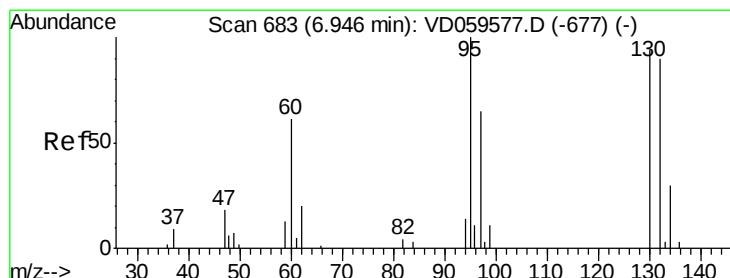
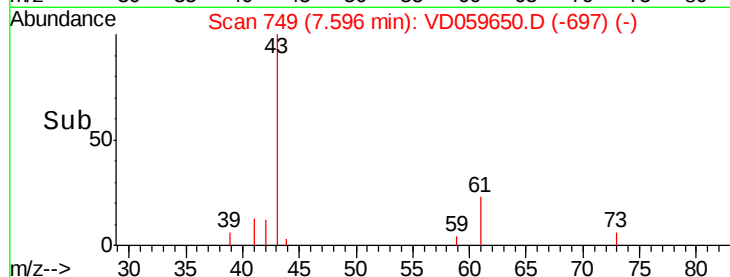
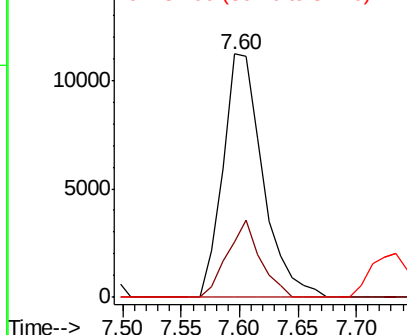
Isopropyl Acetate  
 Concen: 19.108 ug/l  
 RT: 7.60 min Scan# 749  
 Delta R.T. 0.01 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0731SBS01

Tot Ion: 43 Resp: 26531  
 Ion Ratio Lower Upper  
 43 100  
 61 22.7 22.0 33.0  
 87 0.0 0.0 0.0



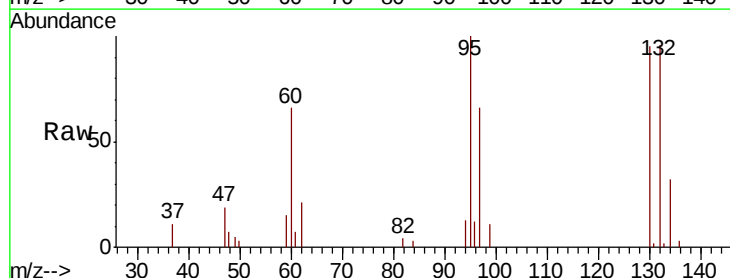
Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 87.00 (86.70 to 87.70): VDC



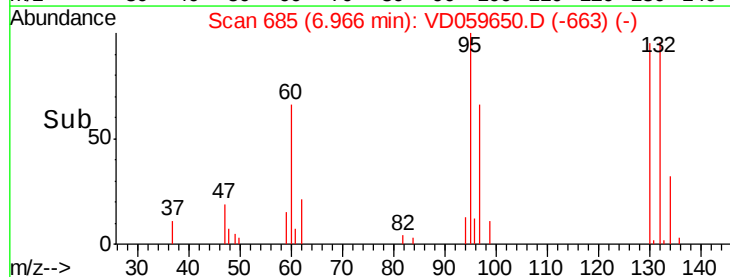
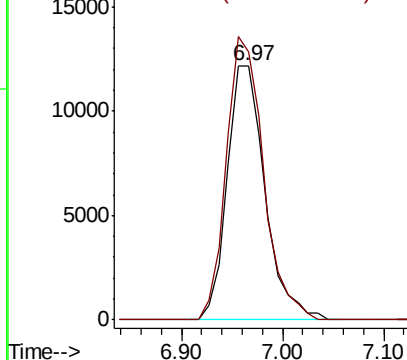
#44

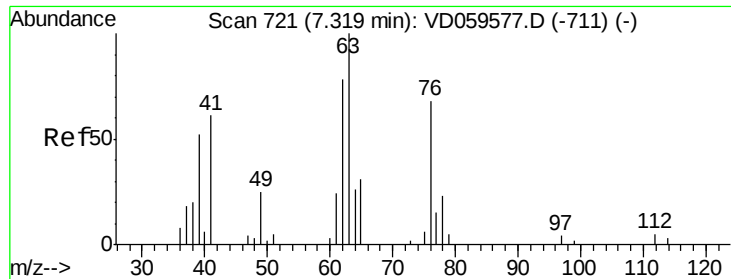
Trichloroethene  
 Concen: 21.982 ug/l  
 RT: 6.97 min Scan# 685  
 Delta R.T. 0.02 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Tgt Ion: 130 Resp: 31826  
 Ion Ratio Lower Upper  
 130 100  
 95 105.1 0.0 213.2



Abundance Ion 129.80 (129.50 to 130.50): VDC  
 Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.173 ug/l

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

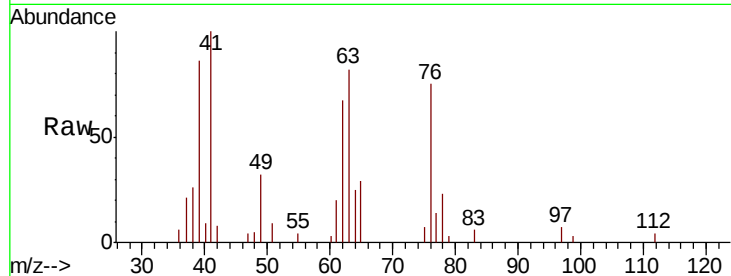
VD0731SBS01

Tot Ion: 63 Resp: 21433

Ion Ratio Lower Upper

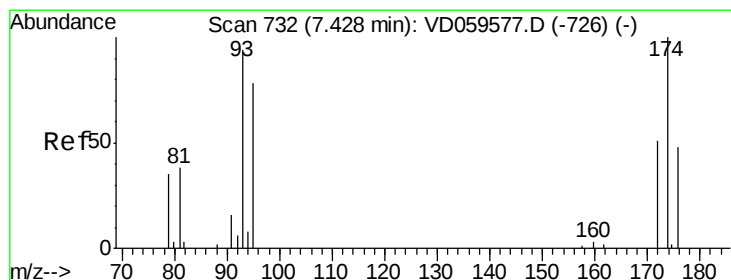
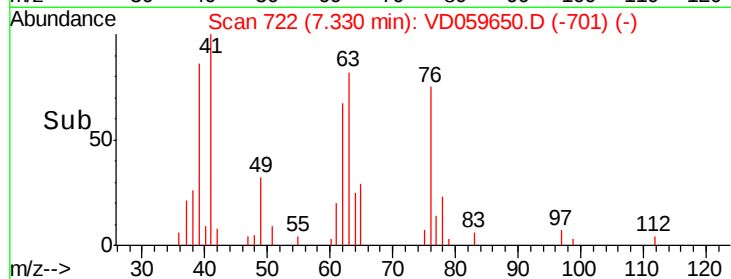
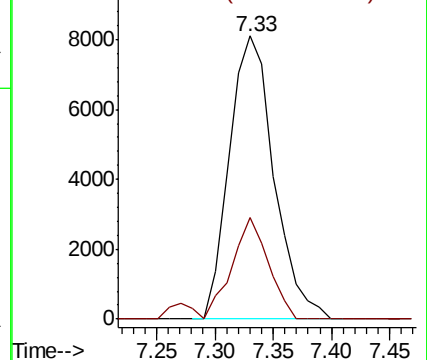
63 100

65 35.8 24.9 37.3



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 21.821 ug/l

RT: 7.44 min Scan# 733

Delta R.T. 0.01 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

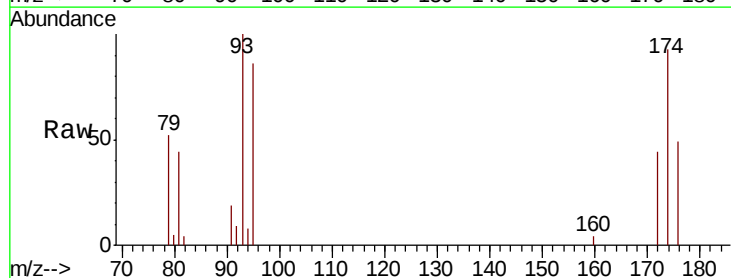
Tgt Ion: 93 Resp: 20618

Ion Ratio Lower Upper

93 100

95 86.4 65.8 98.8

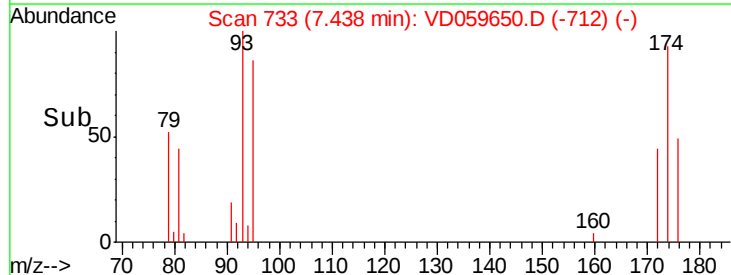
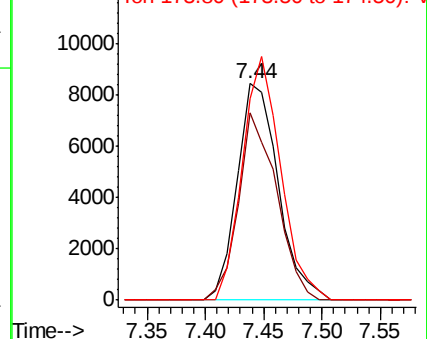
174 92.8 84.7 127.1

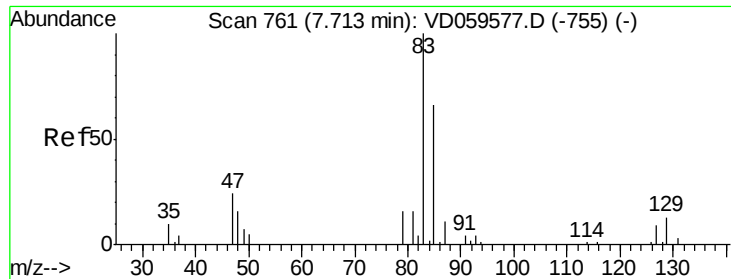


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 22.428 ug/l

RT: 7.72 min Scan# 762

Delta R.T. 0.01 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBS01

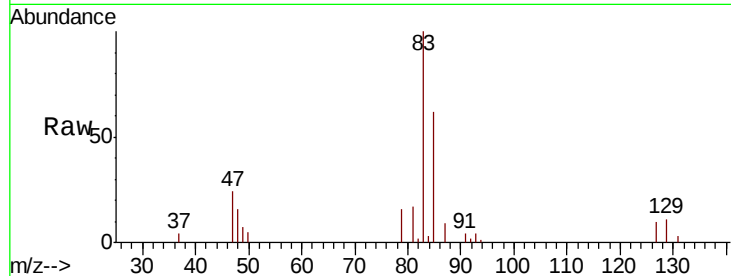
Tot Ion: 83 Resp: 50615

Ion Ratio Lower Upper

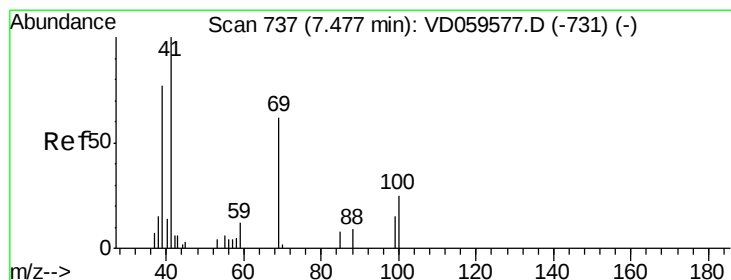
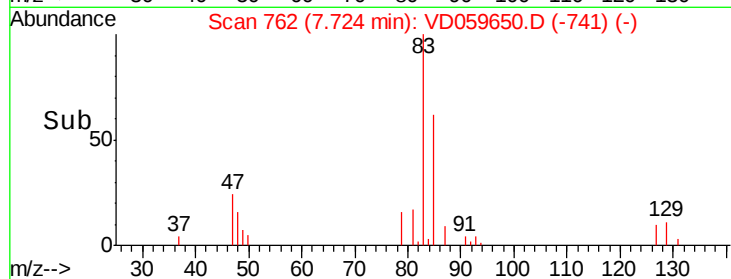
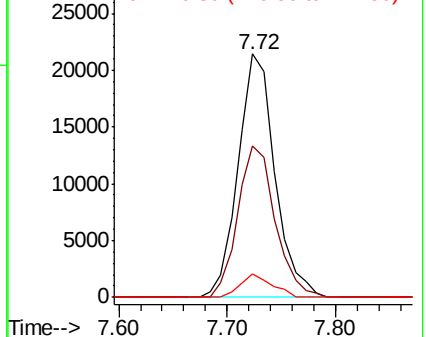
83 100

85 62.0 53.1 79.7

127 9.8 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: 20.676 ug/l

RT: 7.49 min Scan# 738

Delta R.T. 0.01 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

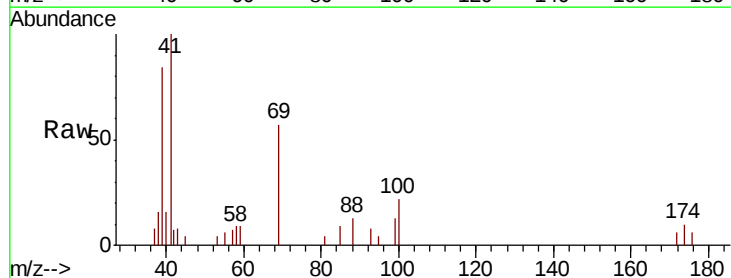
Tgt Ion: 41 Resp: 19039

Ion Ratio Lower Upper

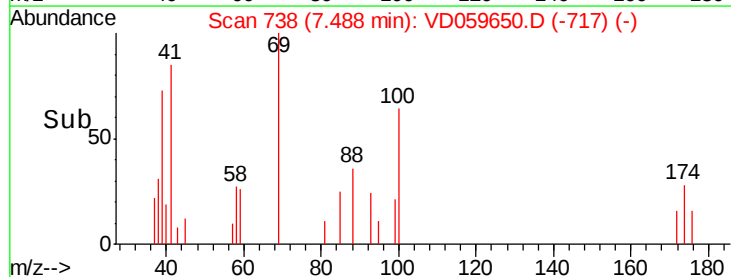
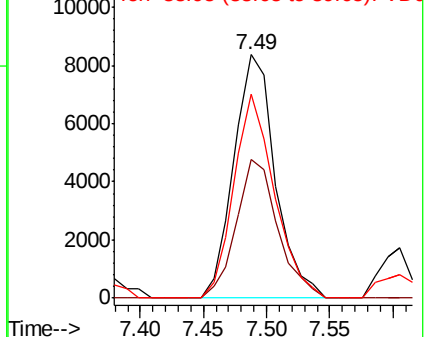
41 100

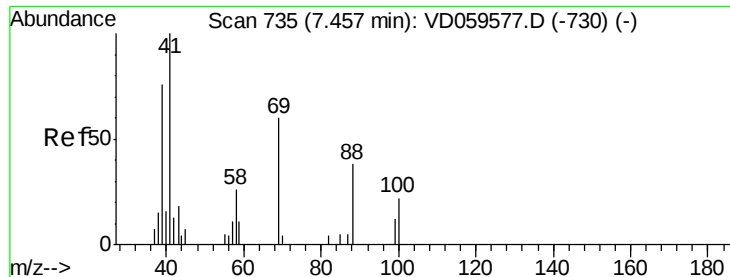
69 57.0 49.4 74.0

39 83.6 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

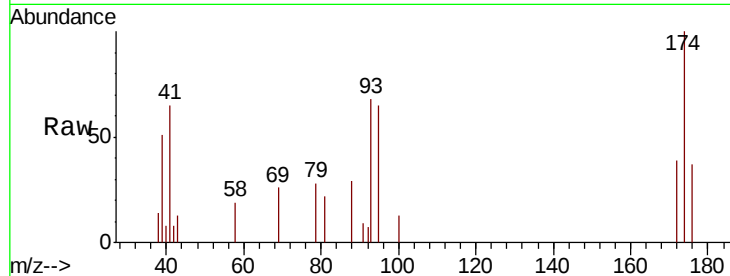




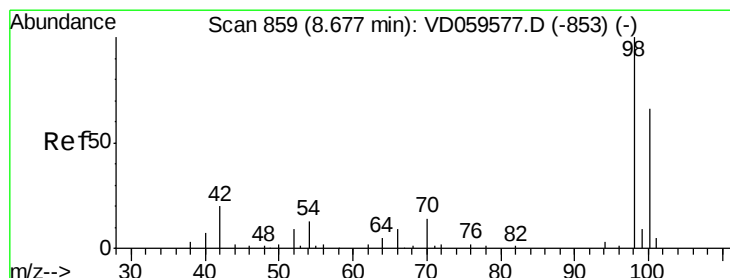
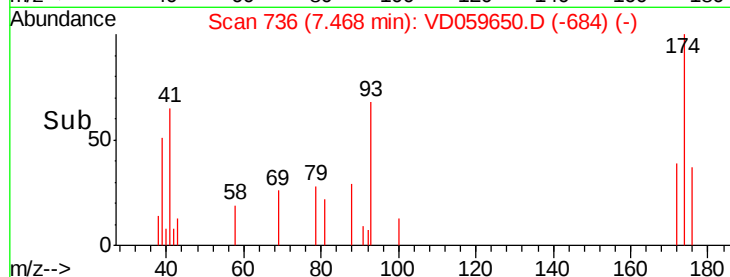
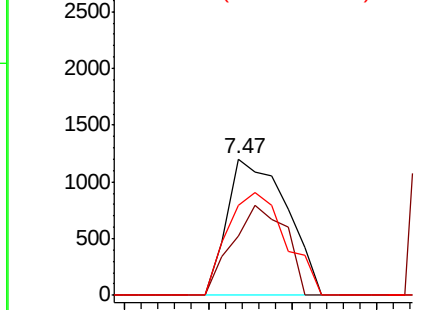
#49  
1,4-Dioxane  
Concen: 356.513 ug/l  
RT: 7.47 min Scan# 736  
Delta R.T. 0.01 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

Tot Ion: 88 Resp: 2945  
Ion Ratio Lower Upper  
88 100  
43 43.1 37.4 56.2  
58 66.1 55.6 83.4

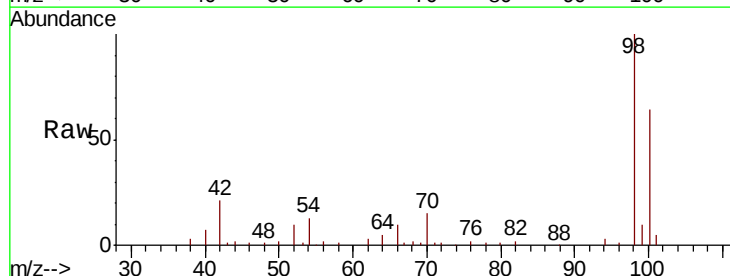


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

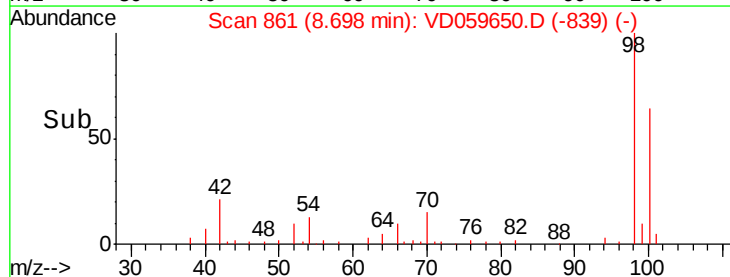
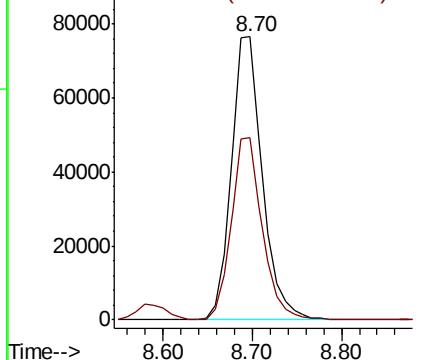


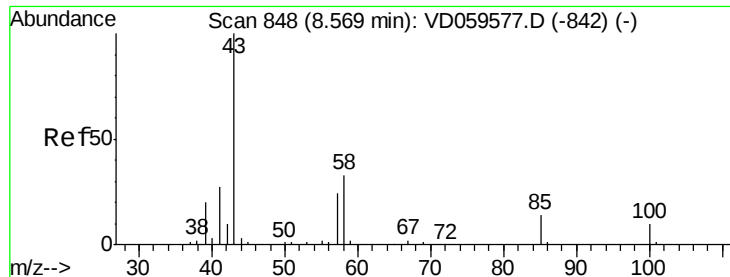
#50  
Toluene-d8  
Concen: 356.513 ug/l  
RT: 8.70 min Scan# 861  
Delta R.T. 0.02 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Tgt Ion: 98 Resp: 185655  
Ion Ratio Lower Upper  
98 100  
100 64.5 53.2 79.8



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





#51

4-Methyl-2-Pentanone

Concen: 97.804 ug/l

RT: 8.58 min Scan# 849

Delta R.T. 0.01 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

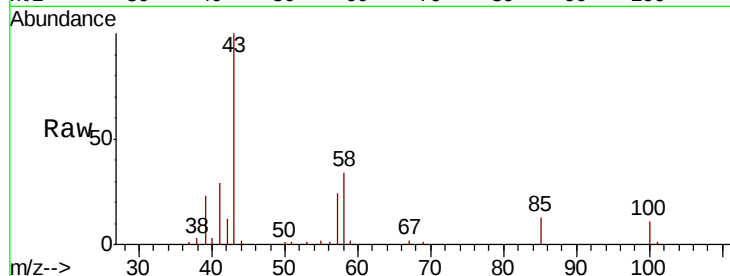
VD0731SBS01

Tot Ion: 43 Resp: 90683

Ion Ratio Lower Upper

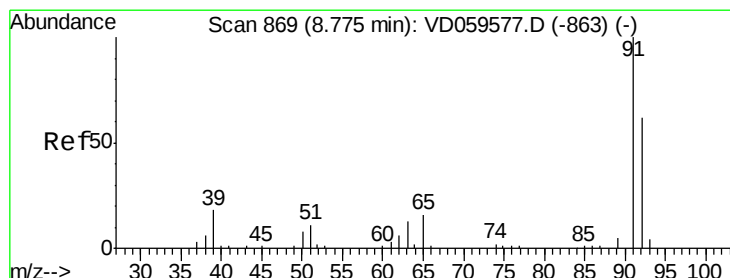
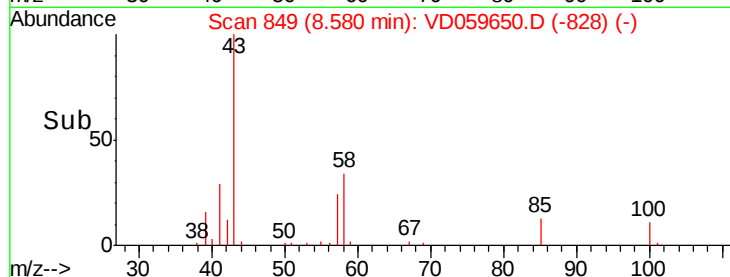
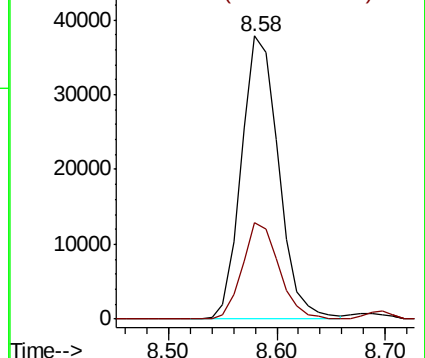
43 100

58 34.0 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: 21.161 ug/l

RT: 8.79 min Scan# 870

Delta R.T. 0.01 min

Lab File: VD059650.D

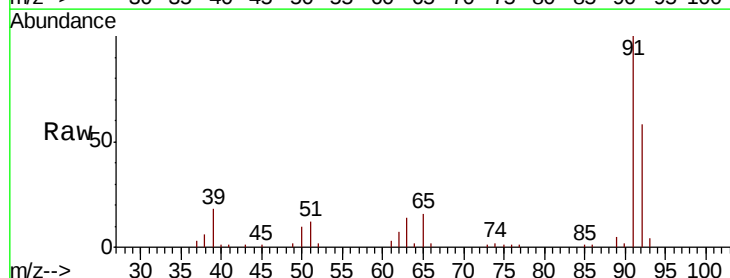
Acq: 31 Jul 2018 13:29

Tgt Ion: 92 Resp: 56011

Ion Ratio Lower Upper

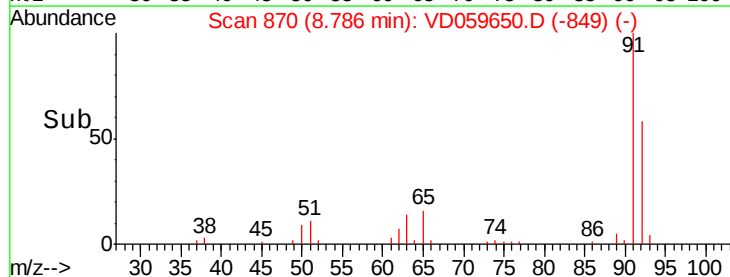
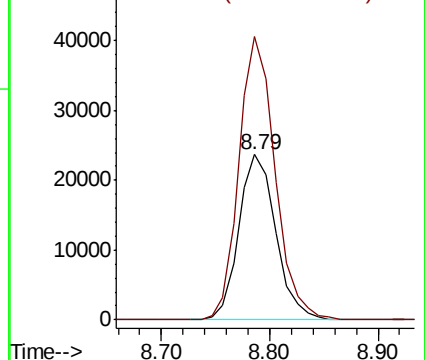
92 100

91 171.4 129.4 194.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

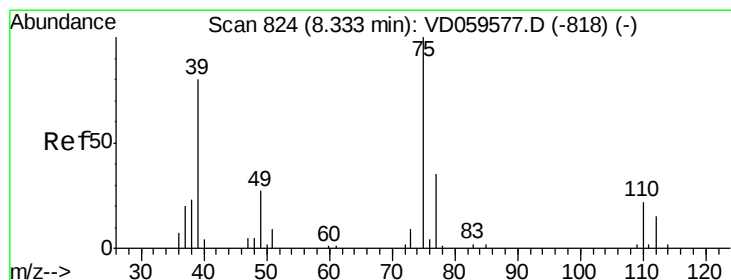
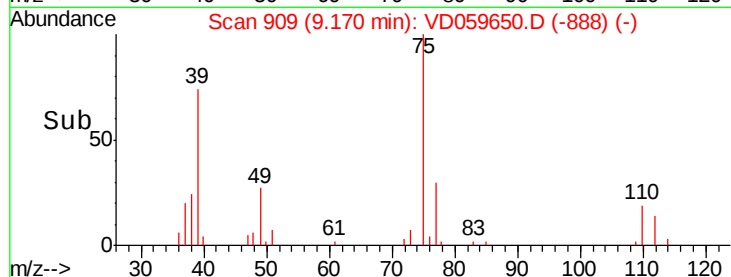
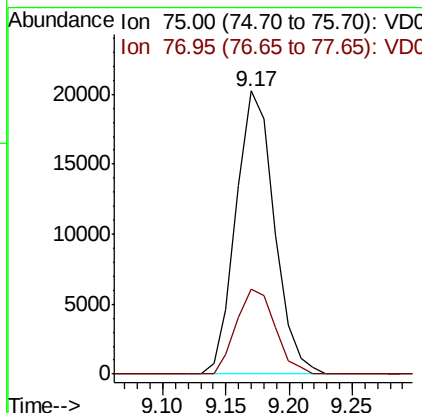
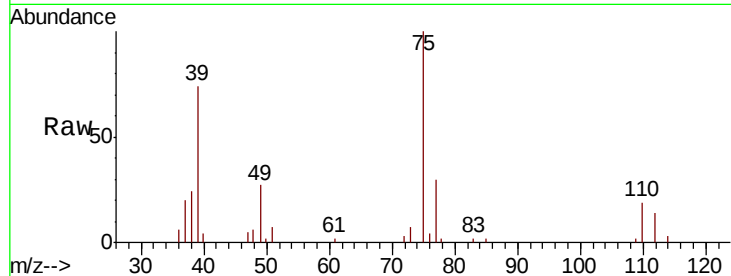




#53  
t-1,3-Dichloropropene  
Concen: 21.003 ug/l  
RT: 9.17 min Scan# 909  
Delta R.T. 0.01 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

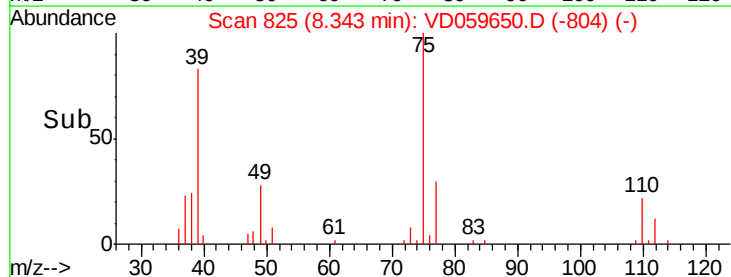
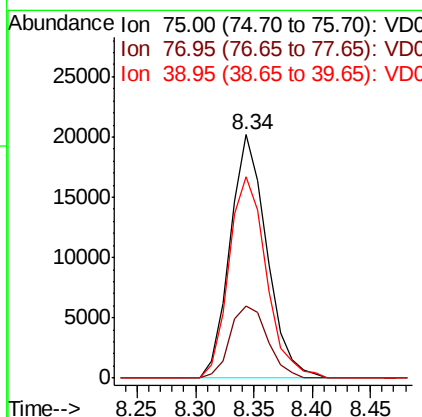
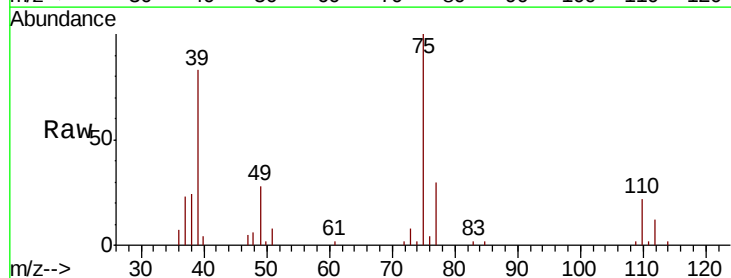
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

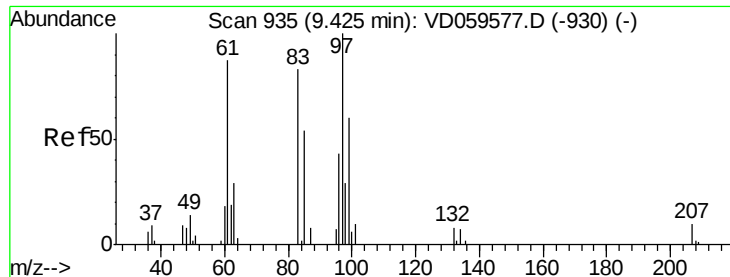
Tot Ion: 75 Resp: 42751  
Ion Ratio Lower Upper  
75 100  
77 30.1 25.4 38.0



#54  
cis-1,3-Dichloropropene  
Concen: 21.739 ug/l  
RT: 8.34 min Scan# 825  
Delta R.T. 0.01 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Tgt Ion: 75 Resp: 43940  
Ion Ratio Lower Upper  
75 100  
77 29.7 27.7 41.5  
39 82.9 63.8 95.8





#55

1,1,2-Trichloroethane

Concen: 19.974 ug/l

RT: 9.45 min Scan# 937

Delta R.T. 0.02 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBS01

Tot Ion: 97 Resp: 19862

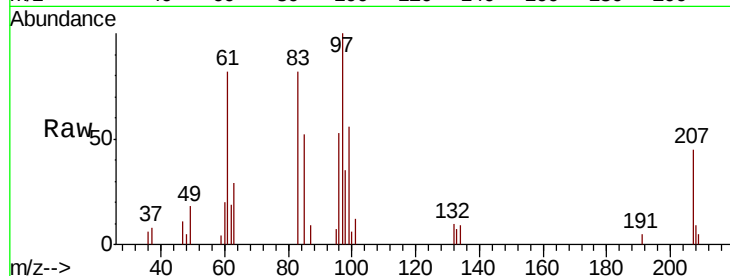
Ion Ratio Lower Upper

97 100

83 81.9 66.3 99.5

85 52.3 43.0 64.6

99 56.1 47.7 71.5

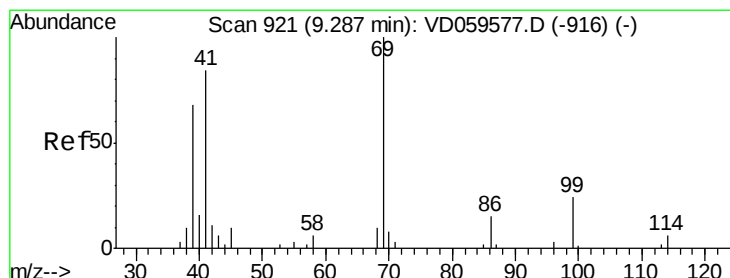
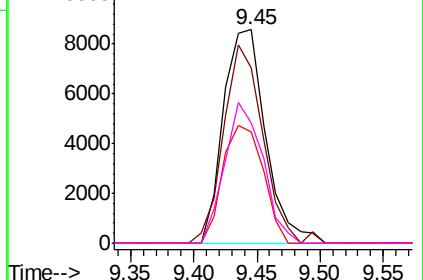
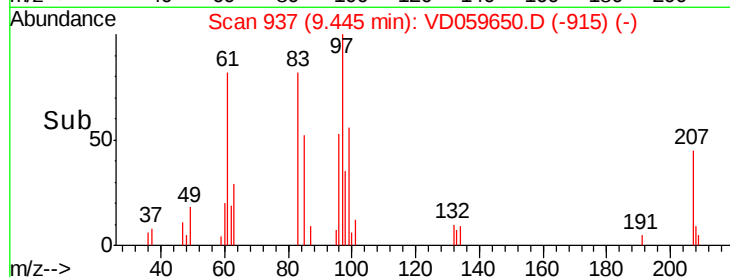


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 20.774 ug/l

RT: 9.30 min Scan# 922

Delta R.T. 0.01 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

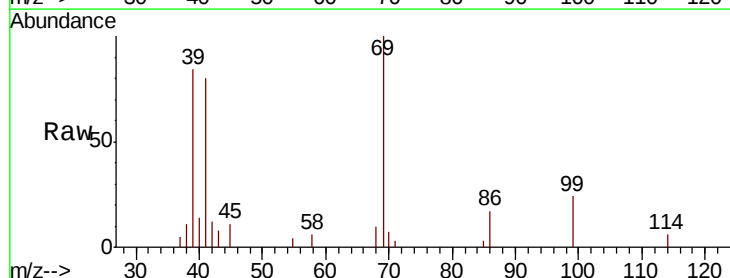
Tgt Ion: 69 Resp: 23438

Ion Ratio Lower Upper

69 100

41 80.3 66.8 100.2

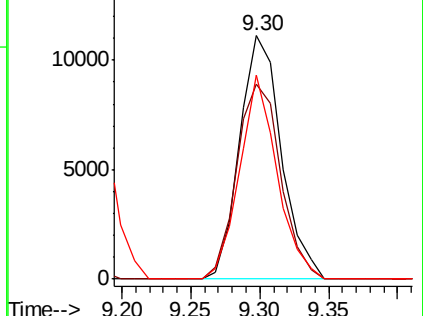
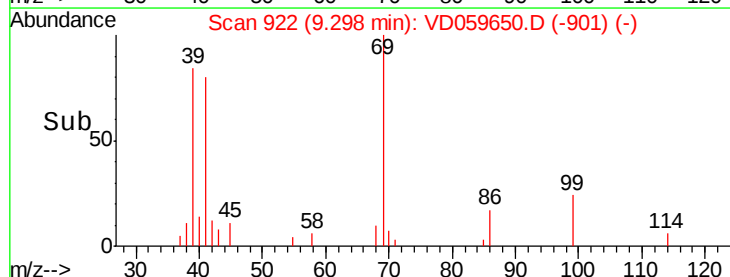
39 83.8 54.7 82.1#

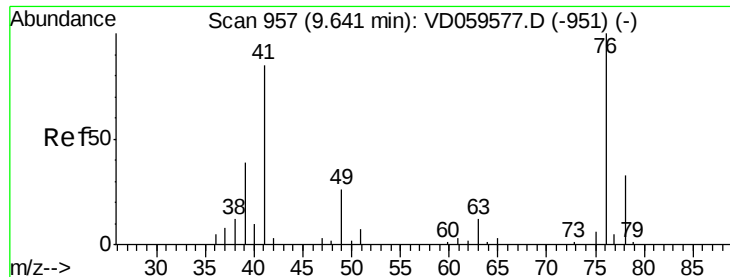


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 21.021 ug/l

RT: 9.65 min Scan# 958

Delta R.T. 0.01 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

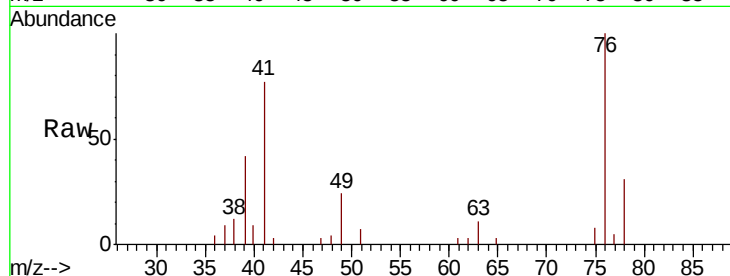
VD0731SBS01

Tot Ion: 76 Resp: 33215

Ion Ratio Lower Upper

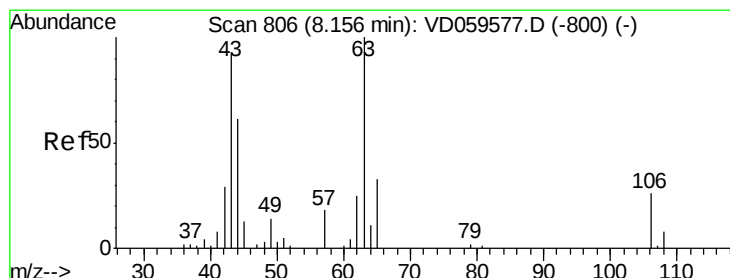
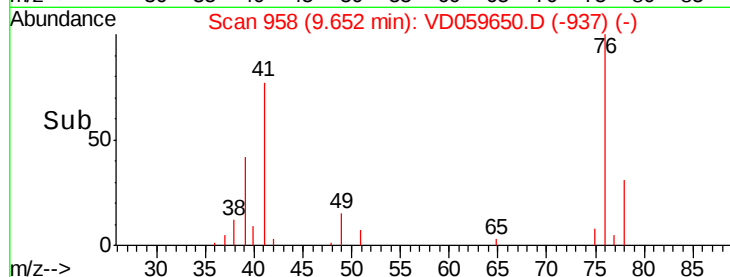
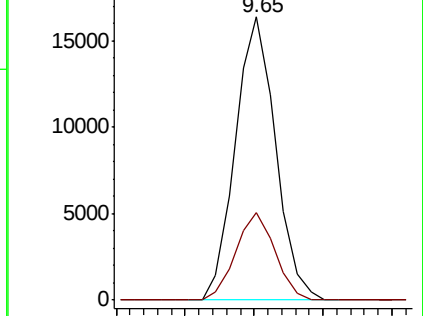
76 100

78 30.9 26.0 39.0



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 93.167 ug/l

RT: 8.18 min Scan# 808

Delta R.T. 0.02 min

Lab File: VD059650.D

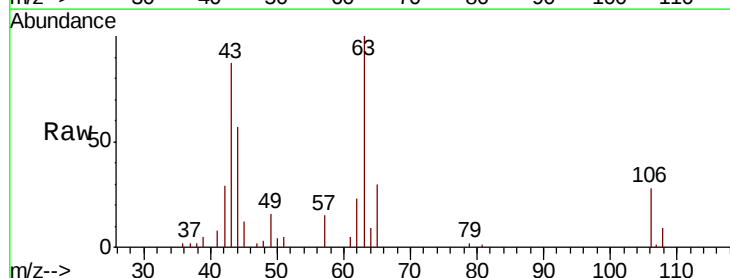
Acq: 31 Jul 2018 13:29

Tgt Ion: 63 Resp: 49390

Ion Ratio Lower Upper

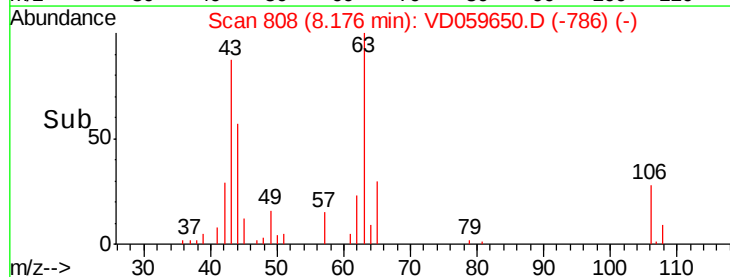
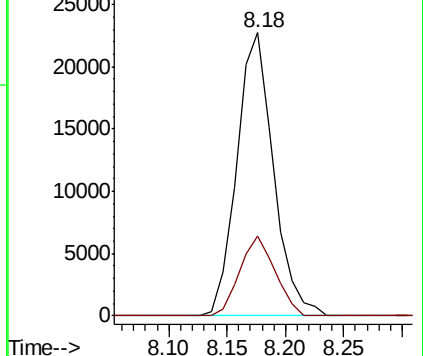
63 100

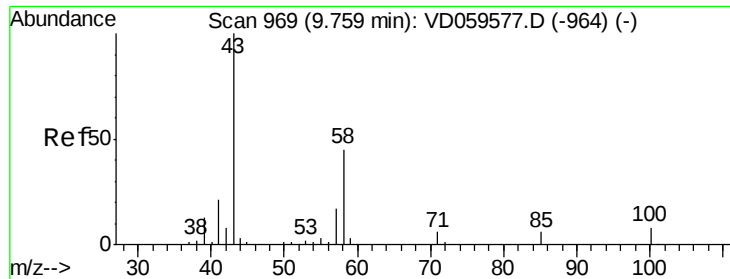
106 28.2 21.0 31.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

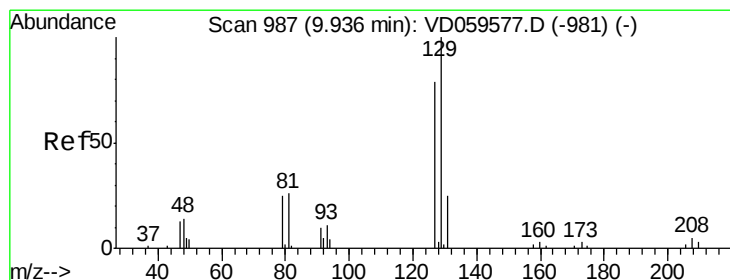
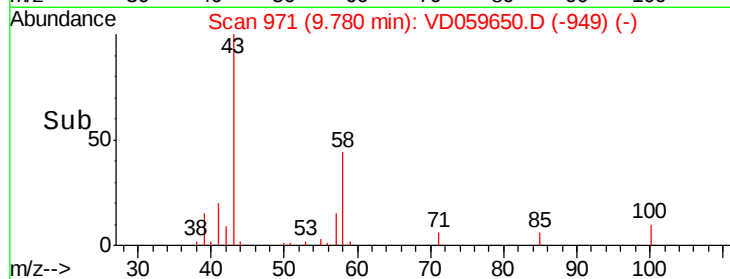
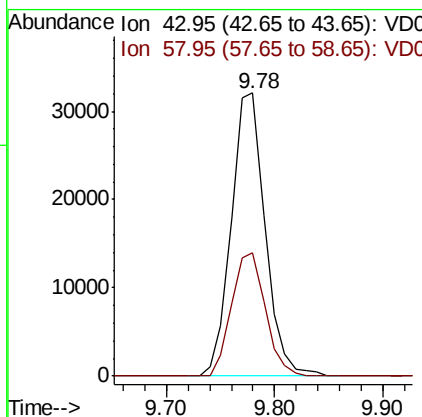
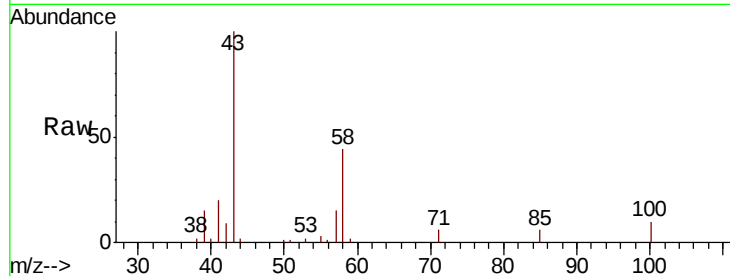




#59  
2-Hexanone  
Concen: 94.504 ug/l  
RT: 9.78 min Scan# 971  
Delta R.T. 0.02 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

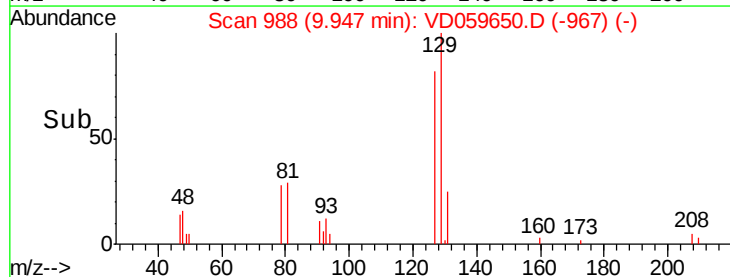
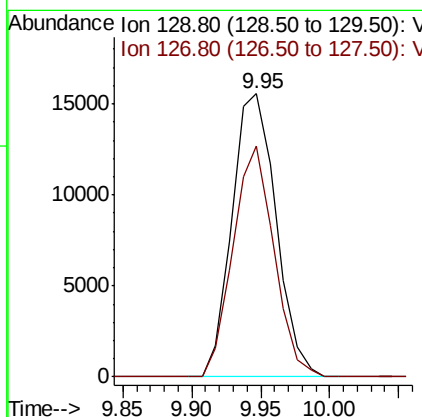
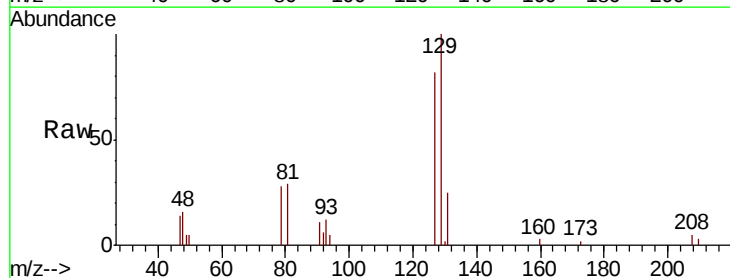
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

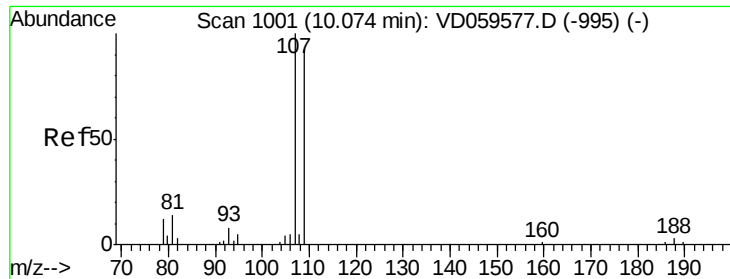
Tot Ion: 43 Resp: 69599  
Ion Ratio Lower Upper  
43 100  
58 43.6 22.7 68.1



#60  
Dibromochloromethane  
Concen: 20.965 ug/l  
RT: 9.95 min Scan# 988  
Delta R.T. 0.01 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Tgt Ion:129 Resp: 34610  
Ion Ratio Lower Upper  
129 100  
127 81.6 39.3 117.9





#61

1,2-Dibromoethane

Concen: 20.985 ug/l

RT: 10.07 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

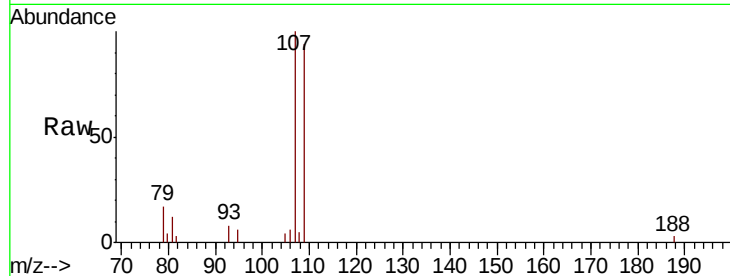
VD0731SBS01

Tot Ion:107 Resp: 24729

Ion Ratio Lower Upper

107 100

109 94.4 73.4 110.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V

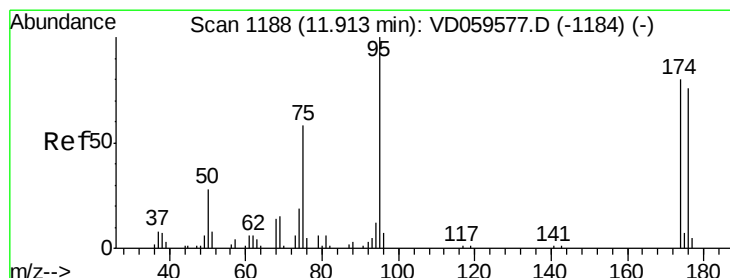
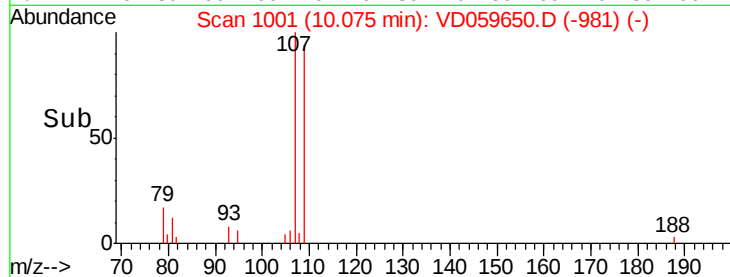
10.07

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 20.985 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

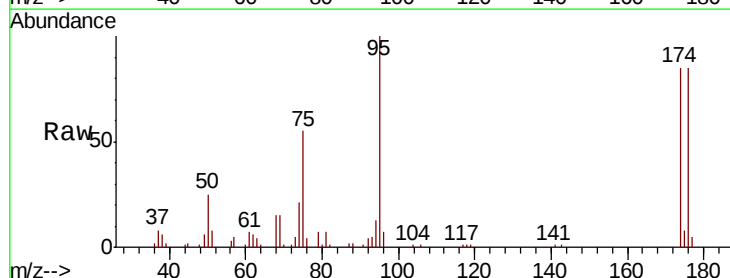
Tgt Ion: 95 Resp: 87191

Ion Ratio Lower Upper

95 100

174 84.9 0.0 160.6

176 84.8 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

11.92

80000

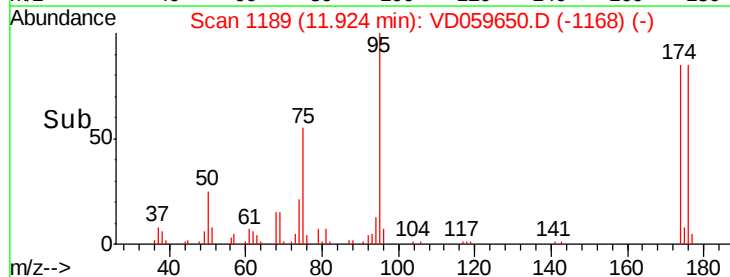
60000

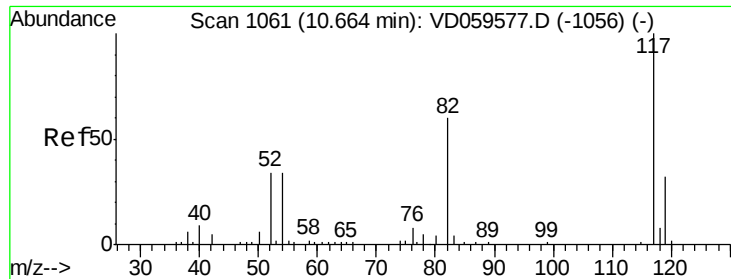
40000

20000

0

Time-->

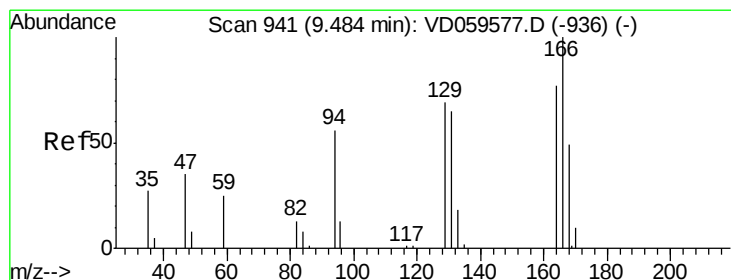
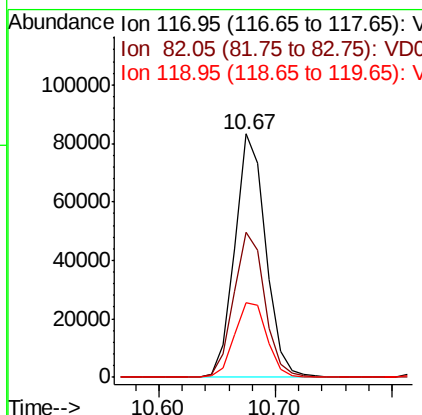
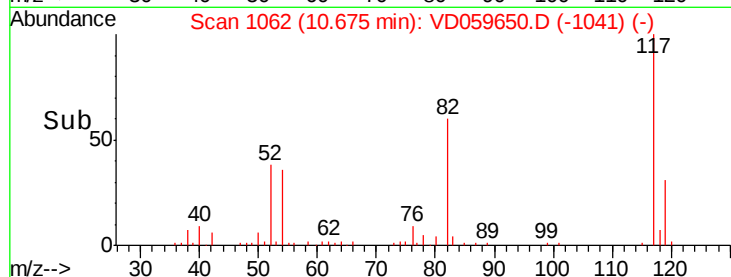
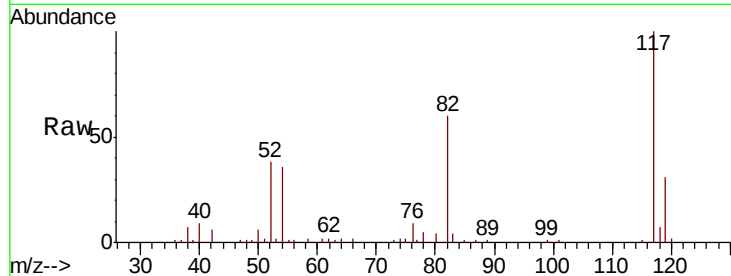




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.67 min Scan# 1062  
Delta R.T. 0.01 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

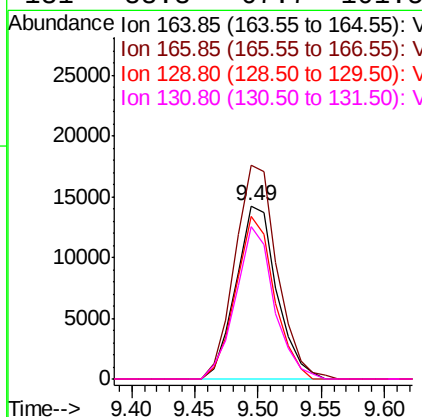
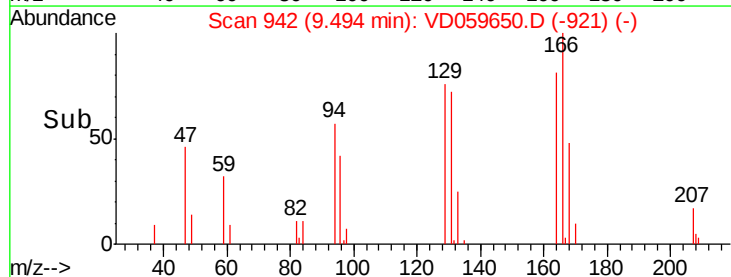
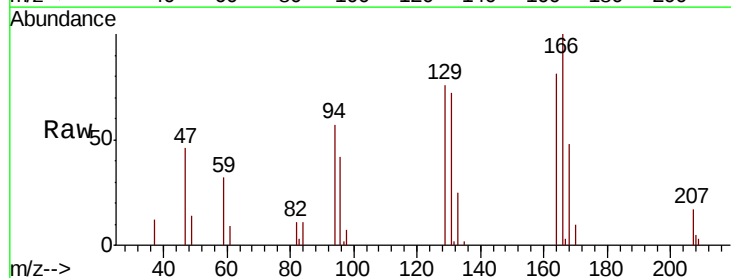
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

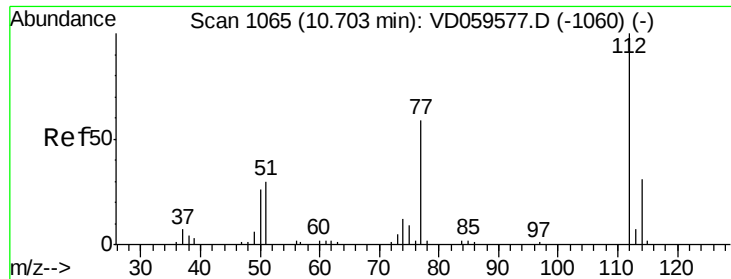
Tot Ion:117 Resp: 152788  
Ion Ratio Lower Upper  
117 100  
82 59.8 48.2 72.2  
119 30.7 25.4 38.2



#64  
Tetrachloroethene  
Concen: 23.036 ug/l  
RT: 9.49 min Scan# 942  
Delta R.T. 0.01 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Tgt Ion:164 Resp: 31895  
Ion Ratio Lower Upper  
164 100  
166 123.4 104.0 156.0  
129 93.6 72.2 108.4  
131 88.3 67.7 101.5

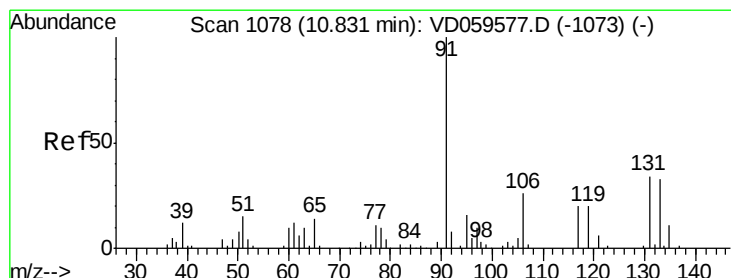
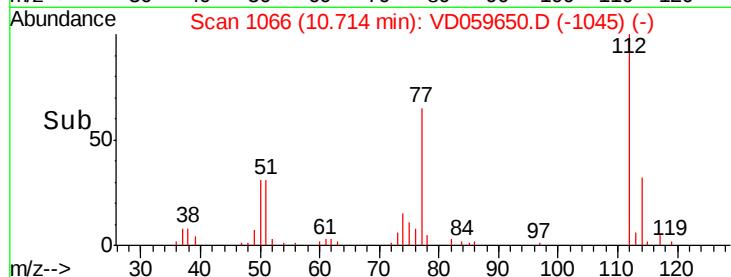
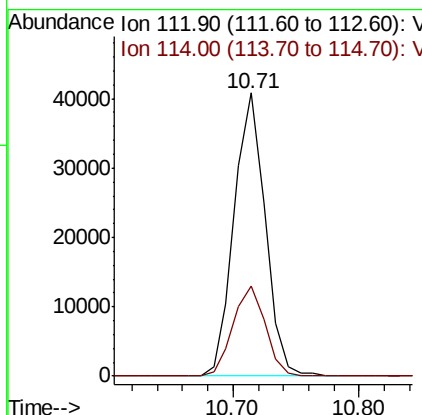
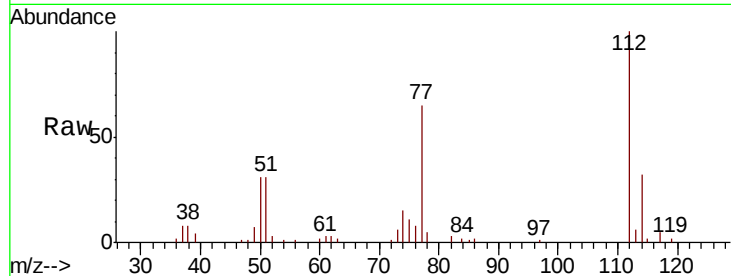




#65  
Chlorobenzene  
Concen: 22.231 ug/l  
RT: 10.71 min Scan# 1066  
Delta R.T. 0.01 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

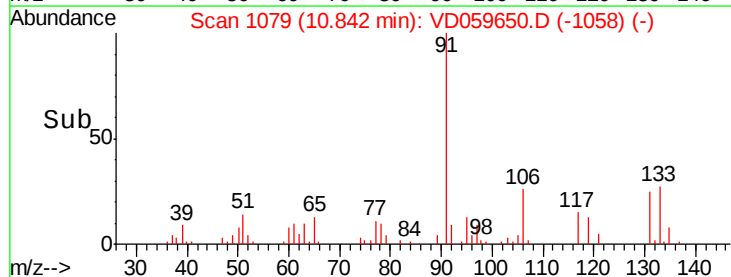
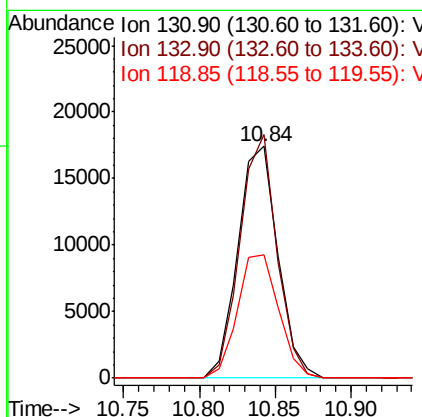
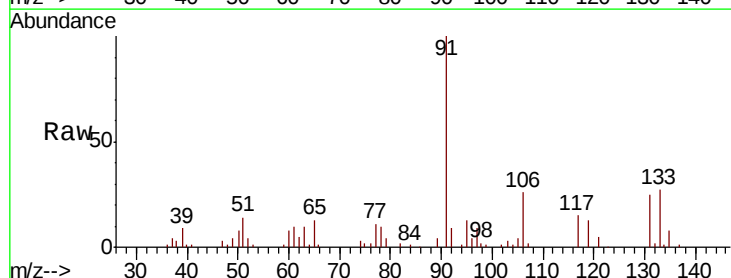
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

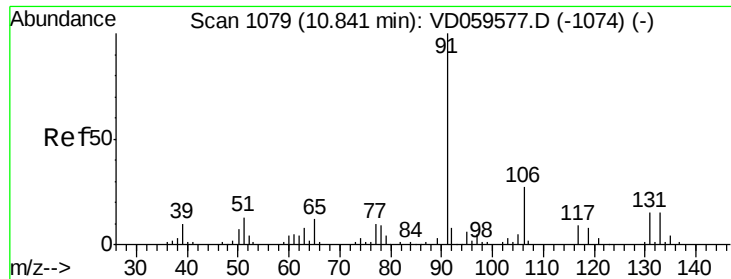
Tot Ion:112 Resp: 69628  
Ion Ratio Lower Upper  
112 100  
114 32.0 24.5 36.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 23.530 ug/l  
RT: 10.84 min Scan# 1079  
Delta R.T. 0.01 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Tgt Ion:131 Resp: 32057  
Ion Ratio Lower Upper  
131 100  
133 105.0 47.9 143.7  
119 53.2 28.7 86.1

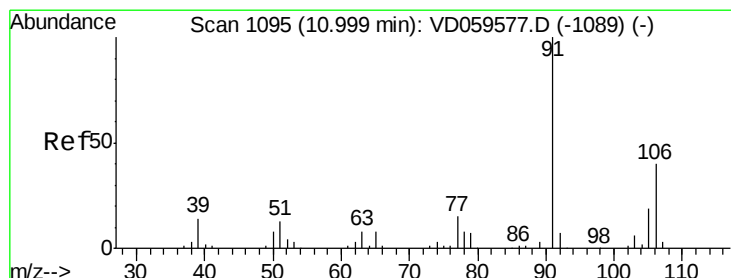
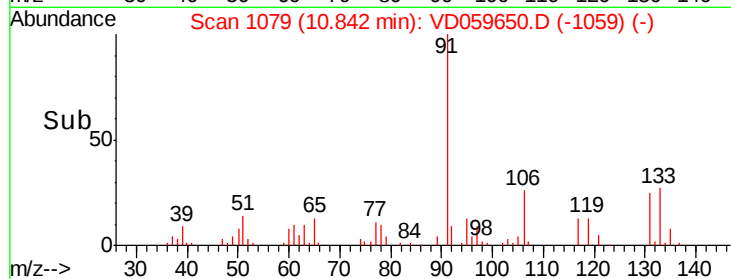
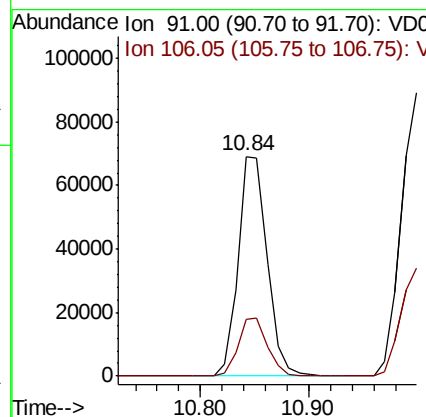
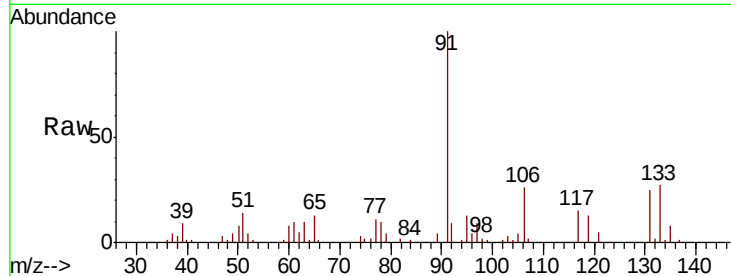




#67  
Ethyl Benzene  
Concen: 23.890 ug/l  
RT: 10.84 min Scan# 1079  
Delta R.T. 0.00 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

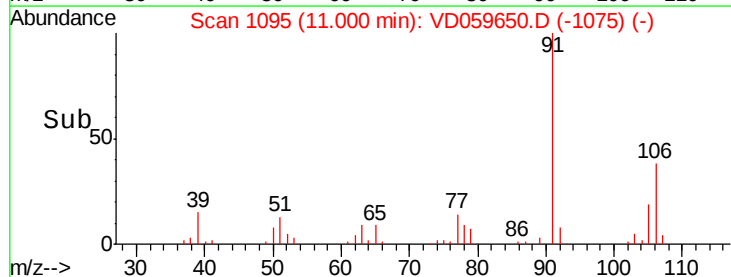
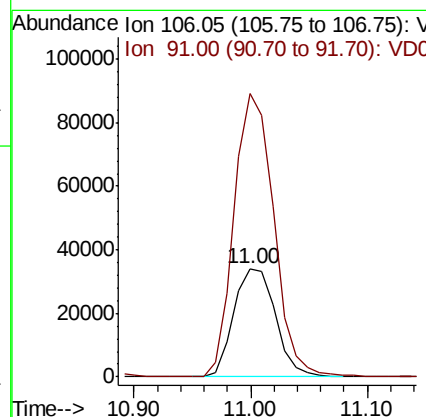
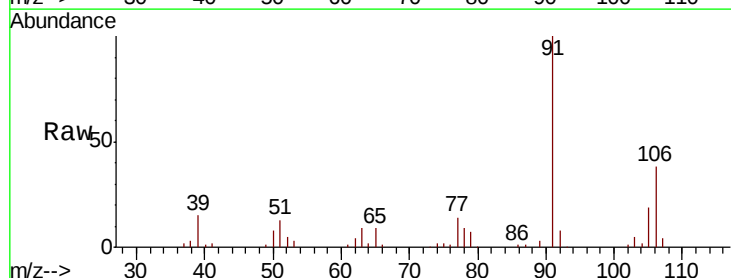
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

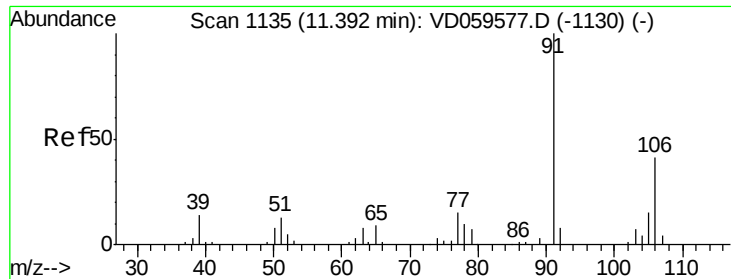
Tot Ion: 91 Resp: 128624  
Ion Ratio Lower Upper  
91 100  
106 25.9 21.6 32.4



#68  
m/p-Xylenes  
Concen: 46.766 ug/l  
RT: 11.00 min Scan# 1095  
Delta R.T. 0.00 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Tgt Ion: 106 Resp: 84092  
Ion Ratio Lower Upper  
106 100  
91 260.7 198.2 297.4

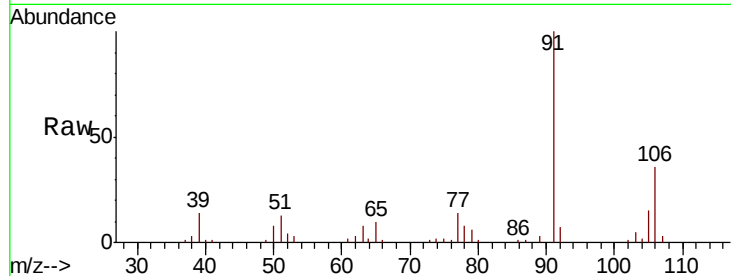




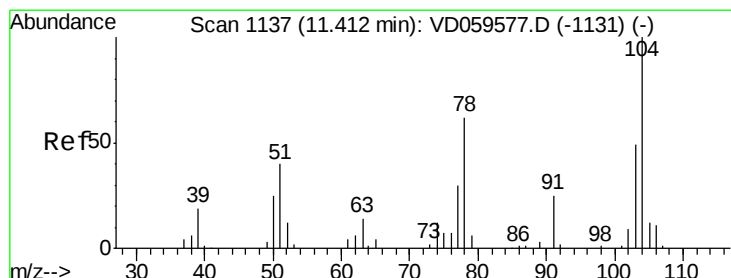
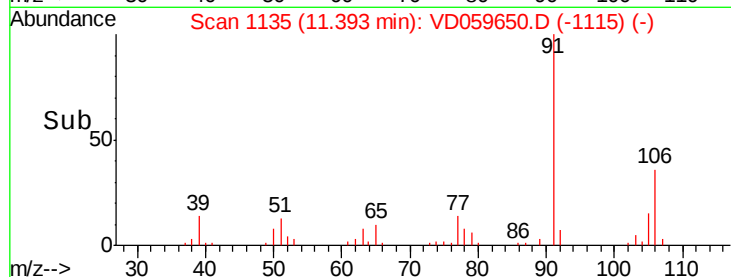
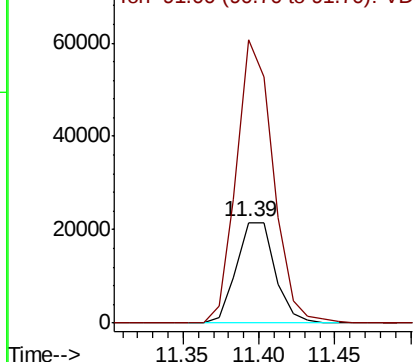
#69  
o-Xylene  
Concen: 21.900 ug/l  
RT: 11.39 min Scan# 1135  
Delta R.T. 0.00 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

Tot Ion:106 Resp: 38211  
Ion Ratio Lower Upper  
106 100  
91 280.6 122.7 368.1

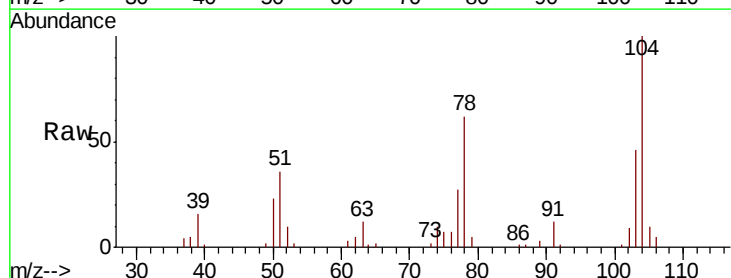


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

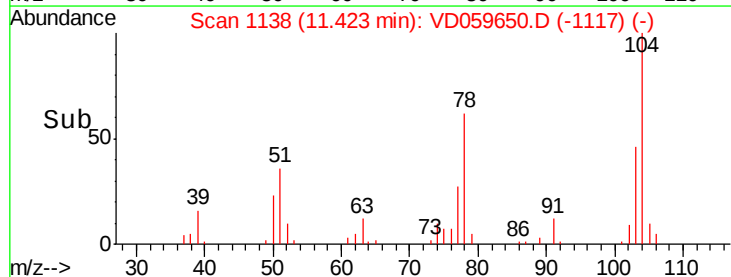
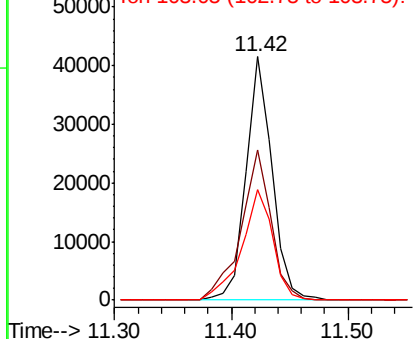


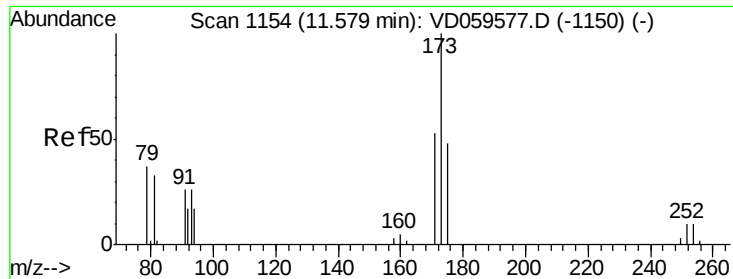
#70  
Styrene  
Concen: 22.289 ug/l  
RT: 11.42 min Scan# 1138  
Delta R.T. 0.01 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Tgt Ion:104 Resp: 64482  
Ion Ratio Lower Upper  
104 100  
78 61.9 49.4 74.0  
103 45.6 39.0 58.6



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





#71

Bromoform

Concen: 21.460 ug/l

RT: 11.59 min Scan# 1155

Delta R.T. 0.01 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBS01

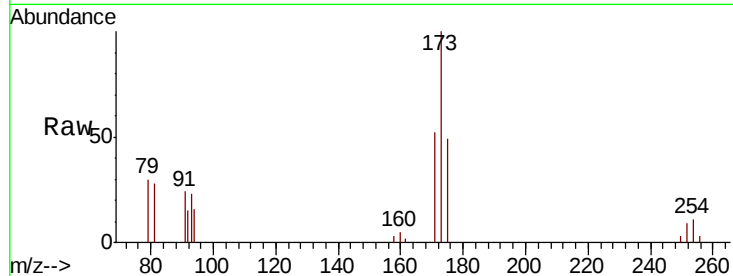
Tot Ion:173 Resp: 23807

Ion Ratio Lower Upper

173 100

175 49.3 23.8 71.4

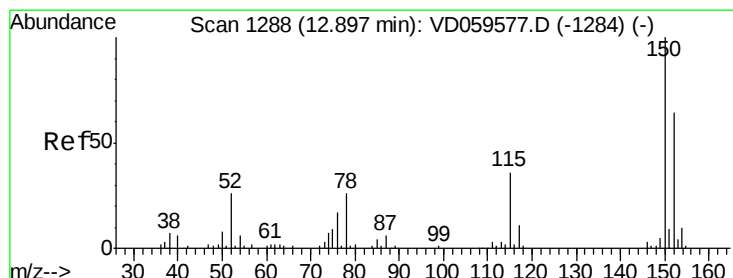
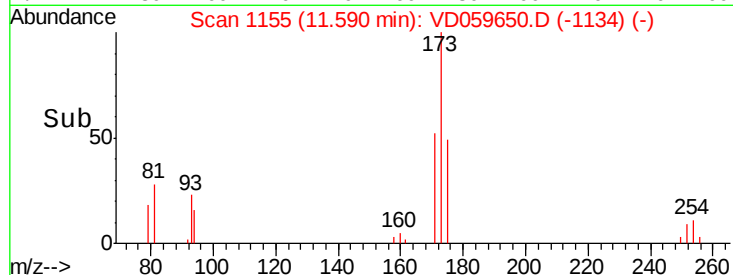
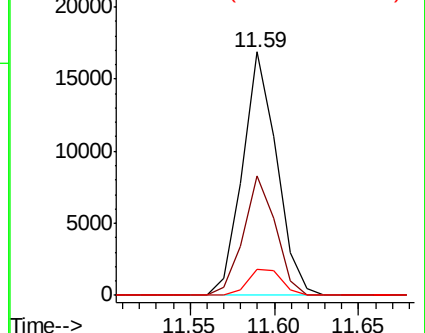
254 10.7 7.8 11.6



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: 12.90 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

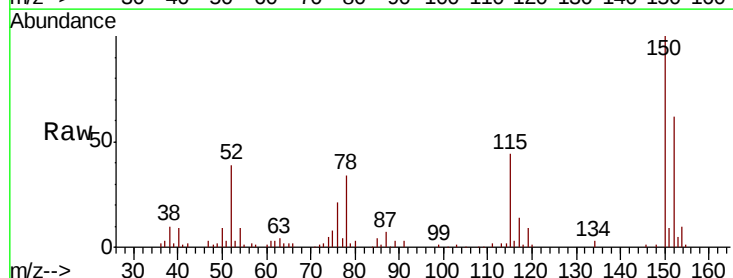
Tgt Ion:152 Resp: 79840

Ion Ratio Lower Upper

152 100

115 71.4 29.5 88.6

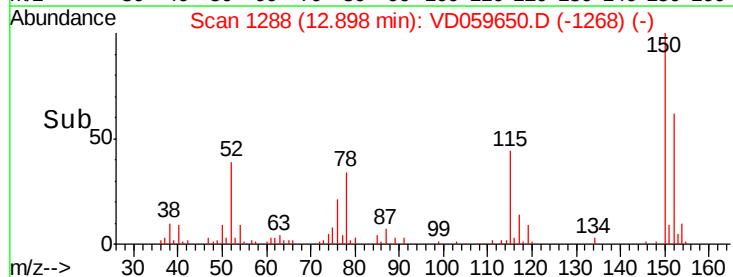
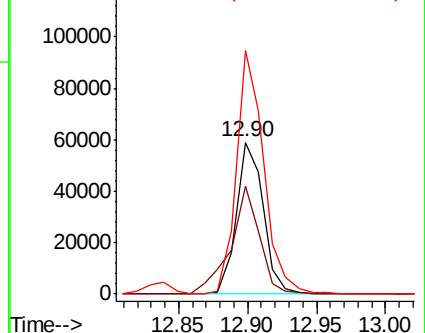
150 160.7 0.0 314.4

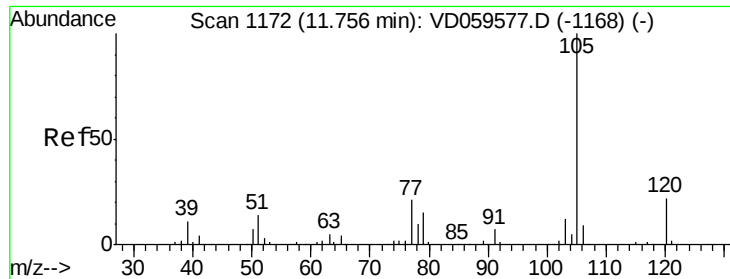


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

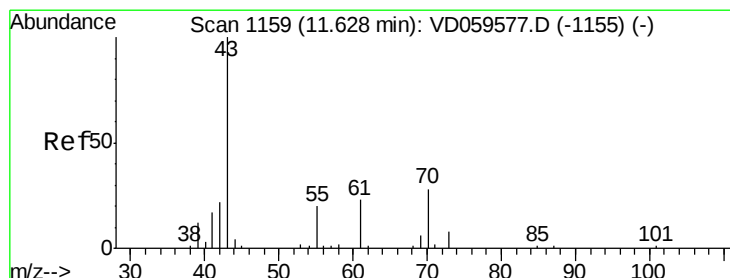
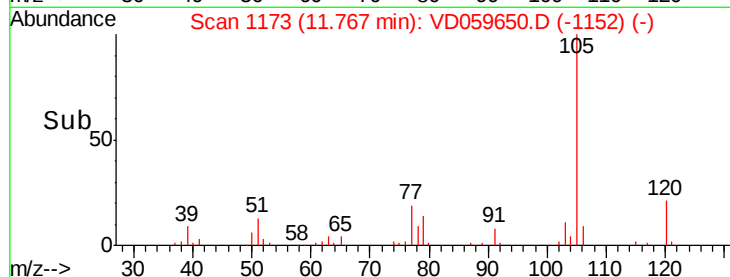
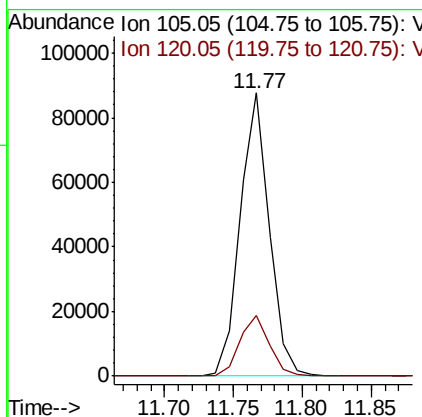
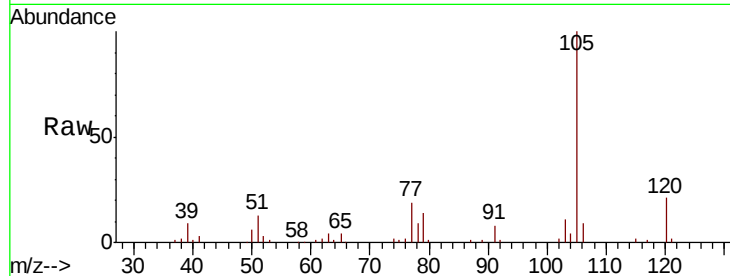




#73  
Isopropylbenzene  
Concen: 22.938 ug/l  
RT: 11.77 min Scan# 1173  
Delta R.T. 0.01 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

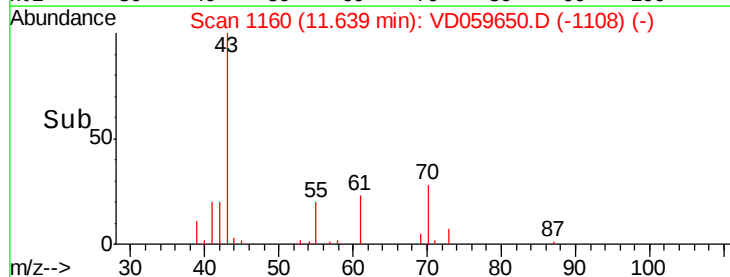
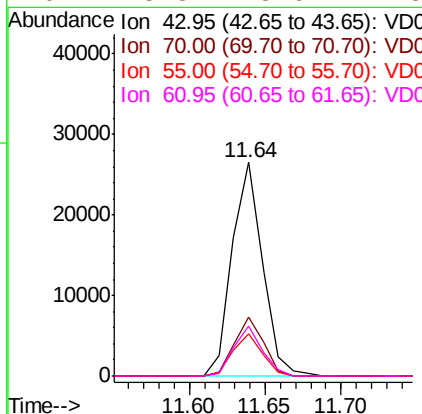
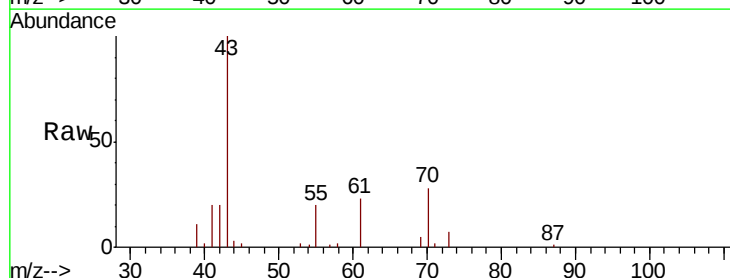
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

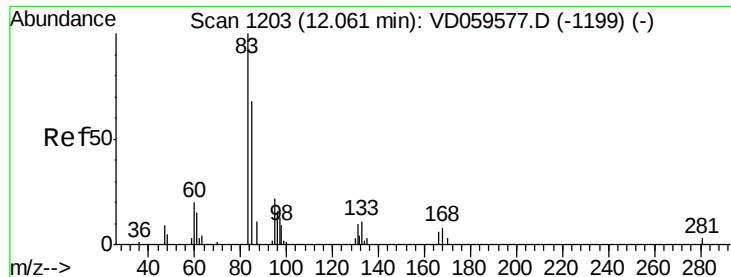
Tot Ion:105 Resp: 129377  
Ion Ratio Lower Upper  
105 100  
120 21.4 10.9 32.7



#74  
N-ethyl acetate  
Concen: 19.124 ug/l  
RT: 11.64 min Scan# 1160  
Delta R.T. 0.01 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Tgt Ion: 43 Resp: 36958  
Ion Ratio Lower Upper  
43 100  
70 27.6 22.0 33.0  
55 19.8 16.2 24.2  
61 23.3 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.349 ug/l

RT: 12.07 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

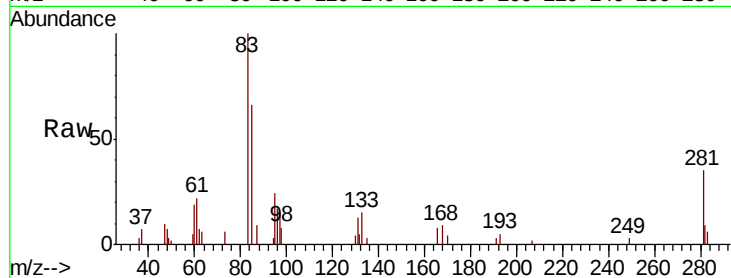
MSVOA\_D

ClientSampleId :

VD0731SBS01

Tot Ion: 83 Resp: 23433

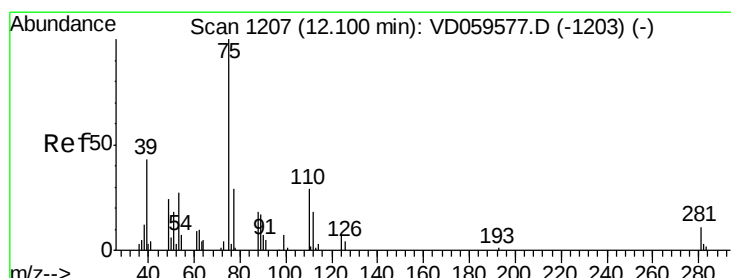
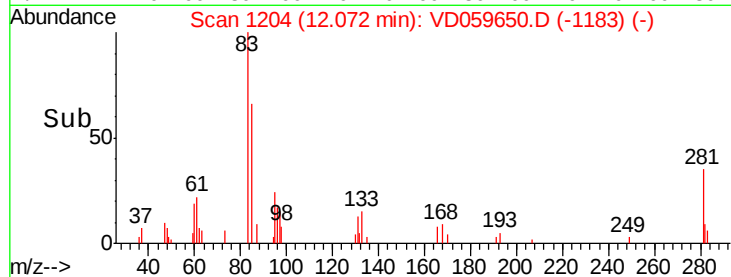
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 13.1  | 5.1   | 15.2  |
| 85  | 65.9  | 34.1  | 102.3 |



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: 21.200 ug/l

RT: 12.10 min Scan# 1207

Delta R.T. 0.00 min

Lab File: VD059650.D

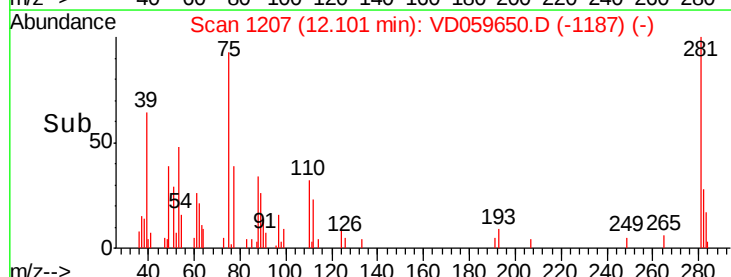
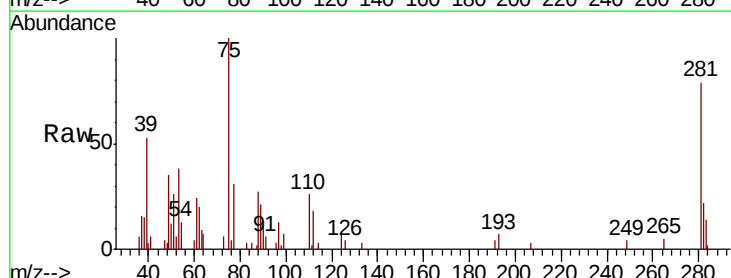
Acq: 31 Jul 2018 13:29

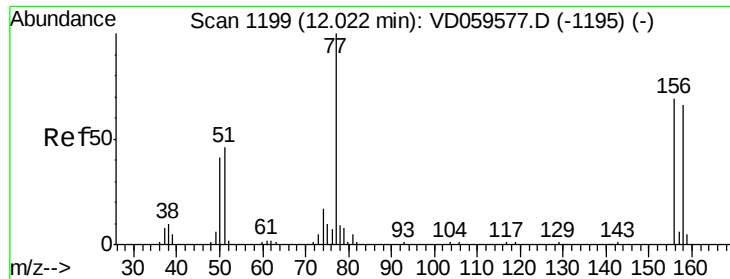
Tgt Ion: 75 Resp: 27990

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 30.7  | 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: 21.377 ug/l

RT: 12.03 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBS01

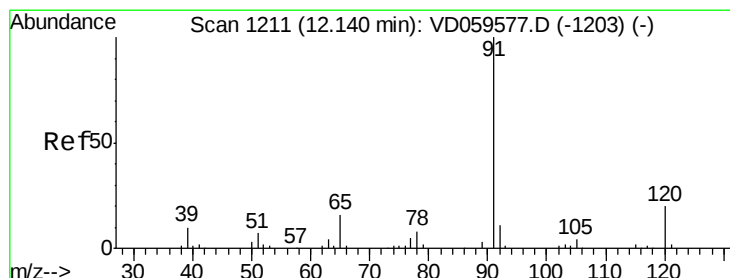
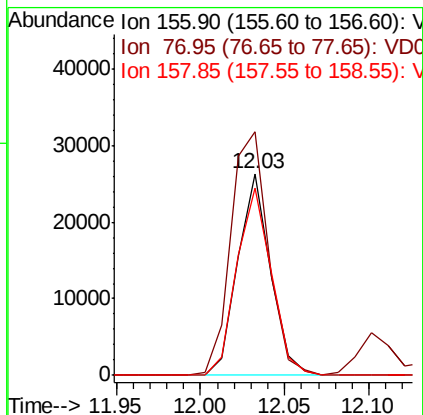
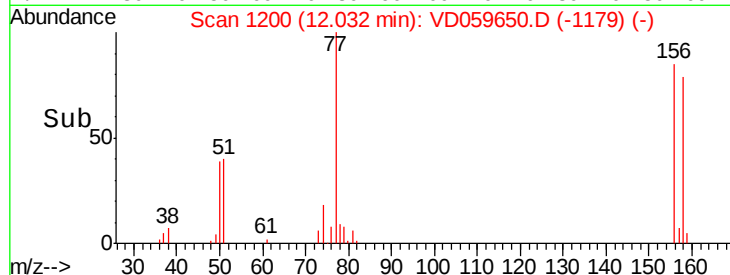
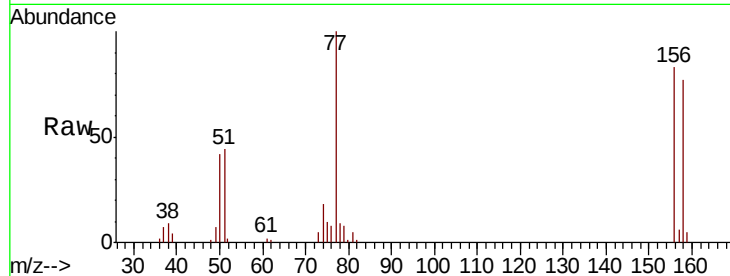
Tot Ion:156 Resp: 35296

Ion Ratio Lower Upper

156 100

77 120.7 72.4 217.2

158 92.8 48.0 144.2



#78

n-propylbenzene

Concen: 22.485 ug/l

RT: 12.15 min Scan# 1212

Delta R.T. 0.01 min

Lab File: VD059650.D

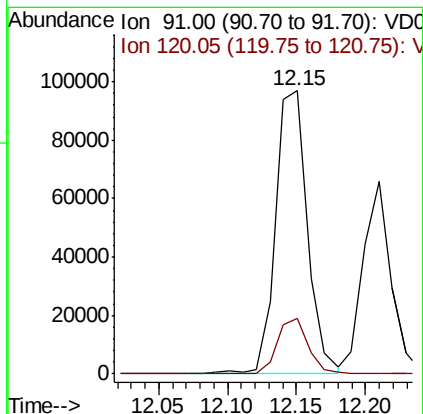
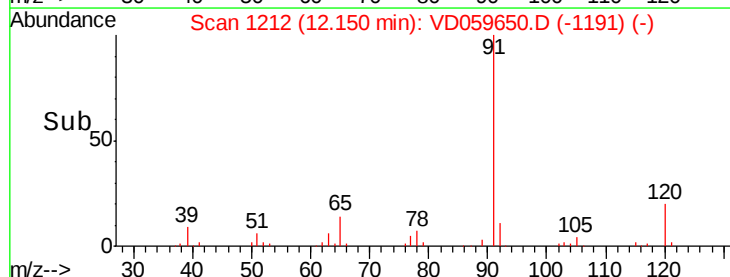
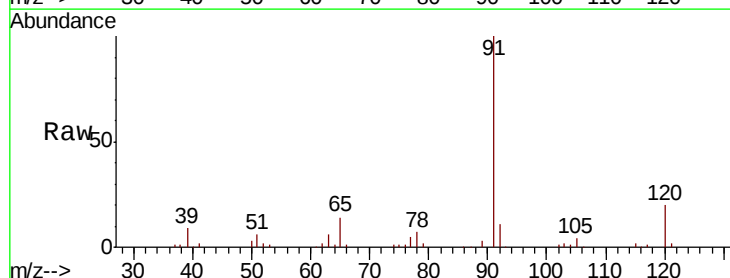
Acq: 31 Jul 2018 13:29

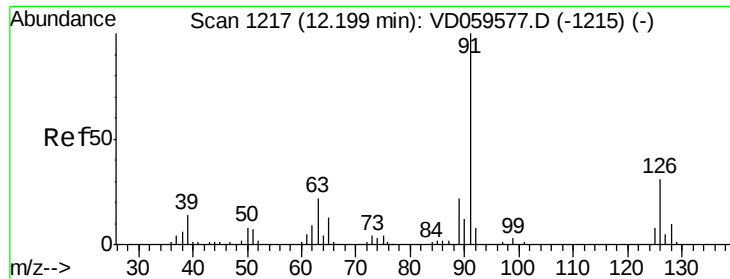
Tgt Ion: 91 Resp: 154092

Ion Ratio Lower Upper

91 100

120 19.8 9.9 29.7

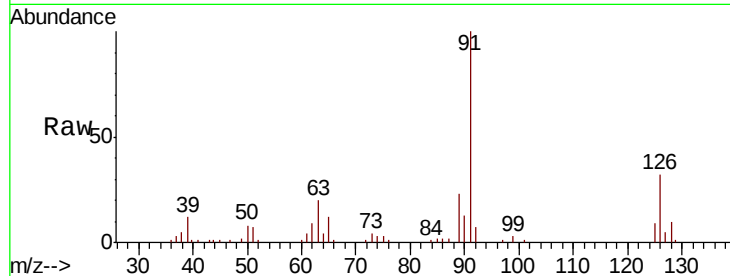




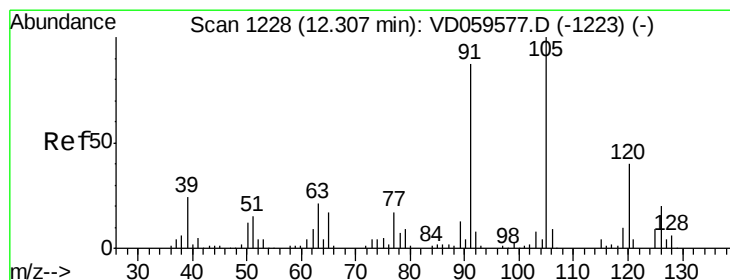
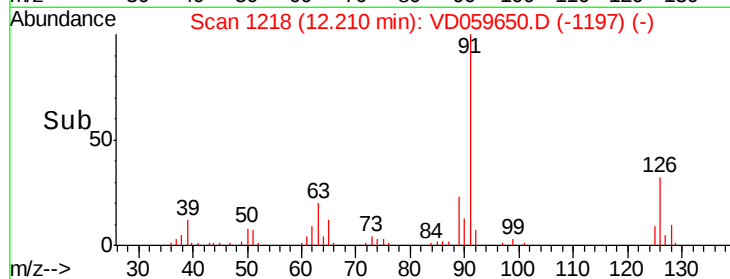
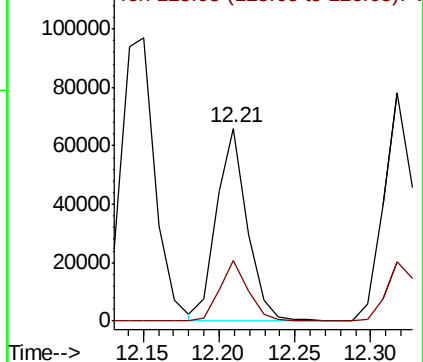
#79  
 2-Chlorotoluene  
 Concen: 22.872 ug/l  
 RT: 12.21 min Scan# 1218  
 Delta R.T. 0.01 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBS01

Tot Ion: 91 Resp: 93451  
 Ion Ratio Lower Upper  
 91 100  
 126 31.6 14.5 43.6

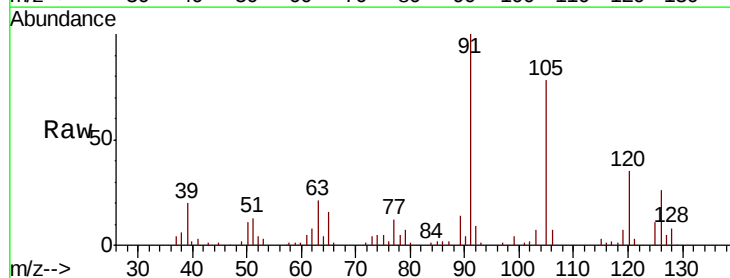


Abundance Ion 91.00 (90.70 to 91.70): V  
 Ion 125.95 (125.65 to 126.65): V

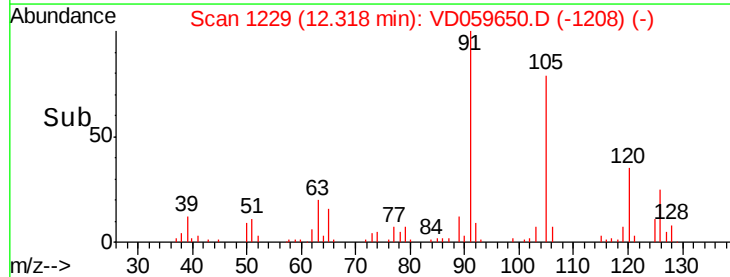
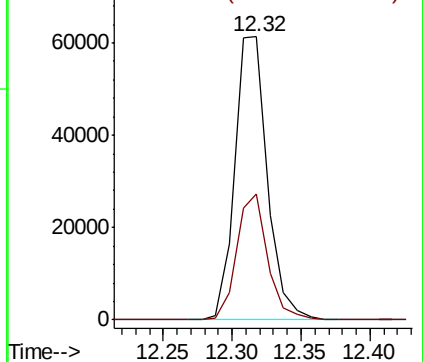


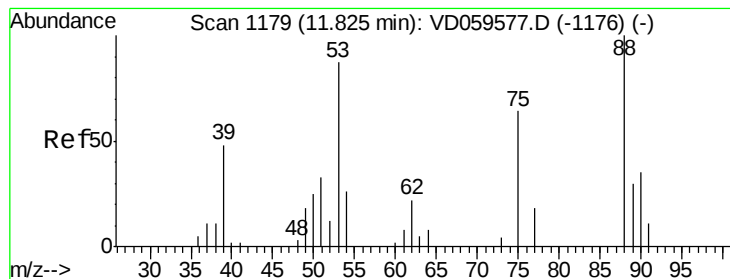
#80  
 1,3,5-Trimethylbenzene  
 Concen: 22.691 ug/l  
 RT: 12.32 min Scan# 1229  
 Delta R.T. 0.01 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Tgt Ion: 105 Resp: 101049  
 Ion Ratio Lower Upper  
 105 100  
 120 44.4 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: 17.211 ug/l

RT: 11.84 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

VD0731SBS01

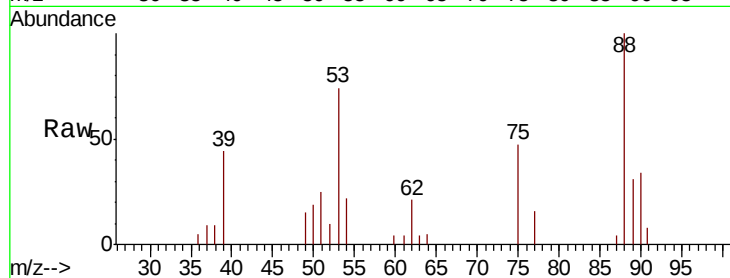
Tot Ion: 75 Resp: 5810

Ion Ratio Lower Upper

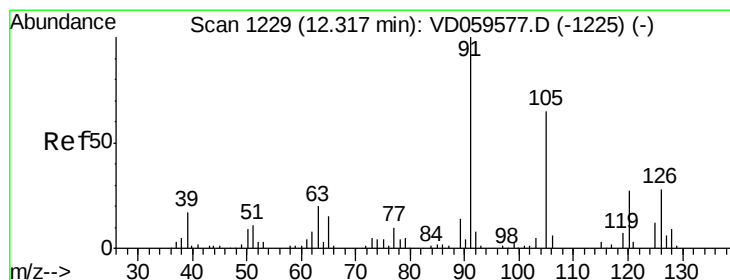
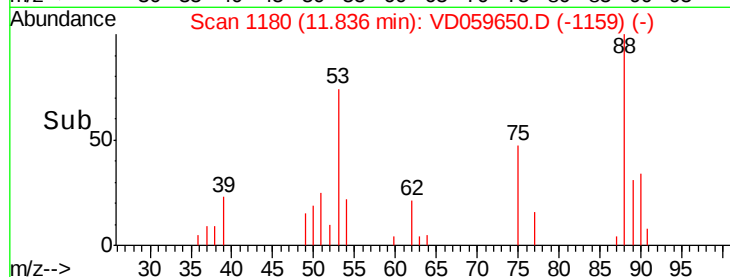
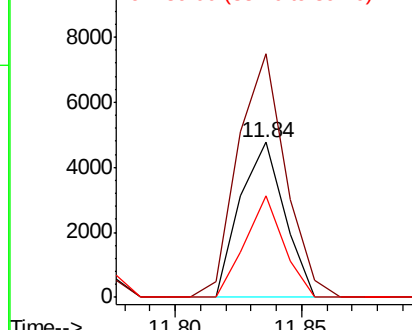
75 100

53 157.2 107.7 161.5

89 65.4 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: 23.315 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VD059650.D

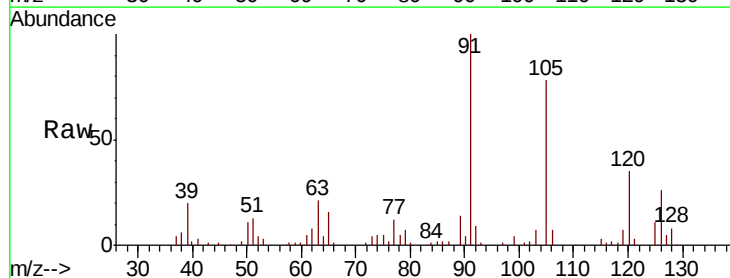
Acq: 31 Jul 2018 13:29

Tgt Ion: 91 Resp: 107731

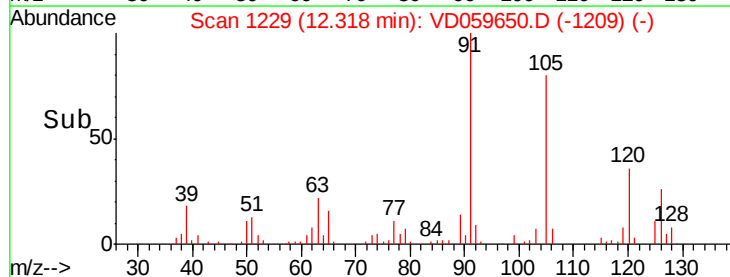
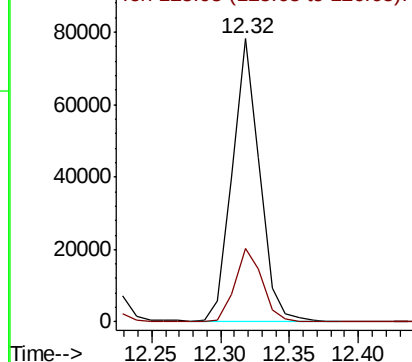
Ion Ratio Lower Upper

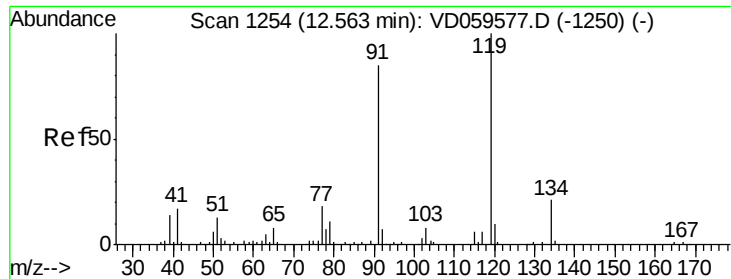
91 100

126 25.8 14.1 42.4



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

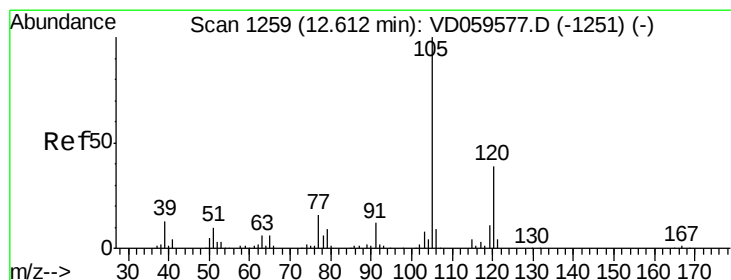
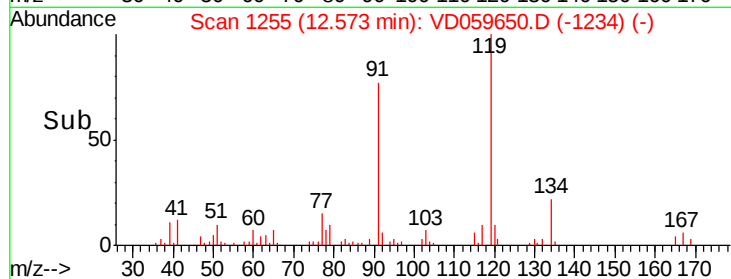
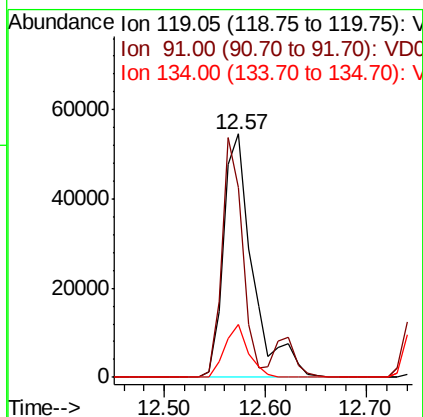
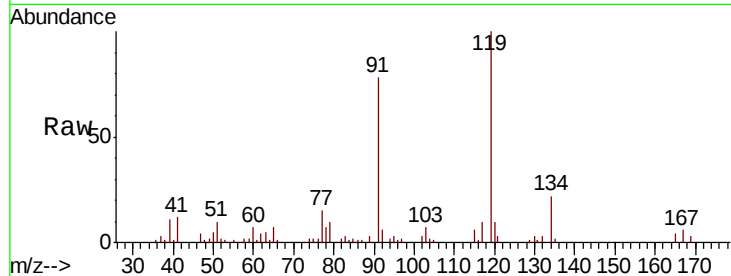




#83  
 tert-Butylbenzene  
 Concen: 21.904 ug/l  
 RT: 12.57 min Scan# 1255  
 Delta R.T. 0.01 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

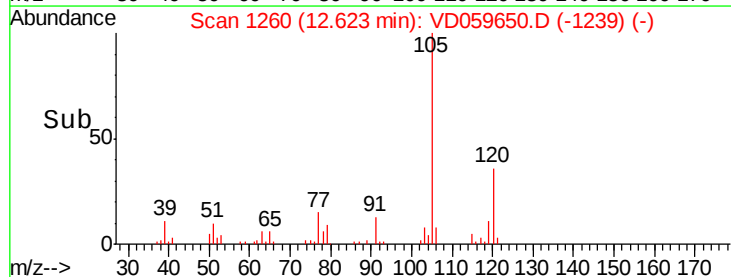
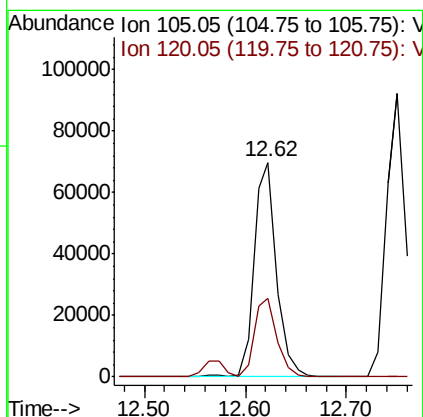
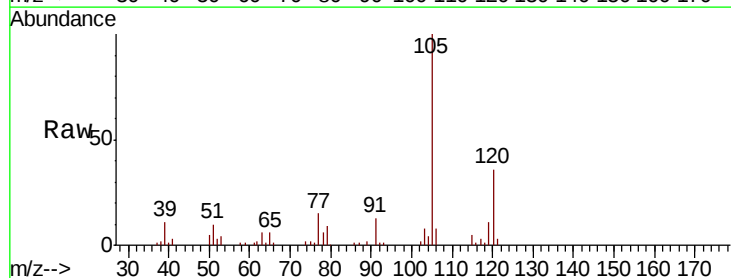
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBS01

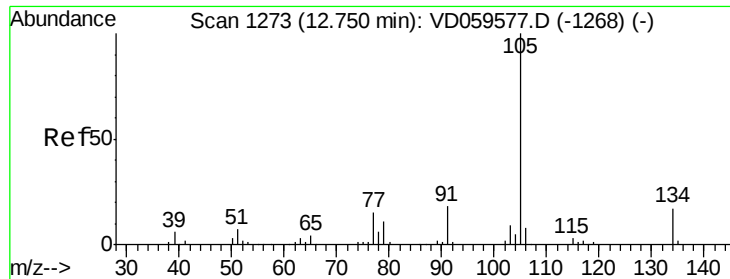
Tot Ion:119 Resp: 109811  
 Ion Ratio Lower Upper  
 119 100  
 91 77.9 42.5 127.5  
 134 21.9 10.5 31.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 22.777 ug/l  
 RT: 12.62 min Scan# 1260  
 Delta R.T. 0.01 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Tgt Ion:105 Resp: 107820  
 Ion Ratio Lower Upper  
 105 100  
 120 36.4 19.3 57.9





#85

sec-Butylbenzene

Concen: 21.985 ug/l

RT: 12.75 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

Instrument :

MSVOA\_D

ClientSampleId :

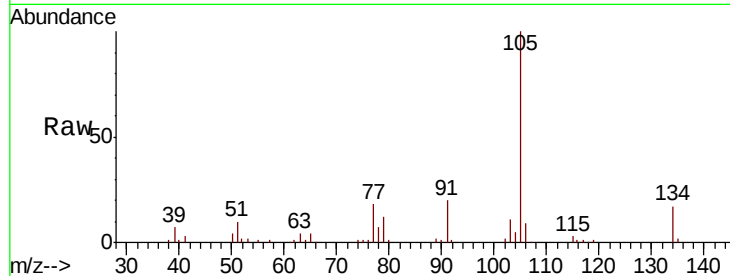
VD0731SBS01

Tot Ion:105 Resp: 125946

Ion Ratio Lower Upper

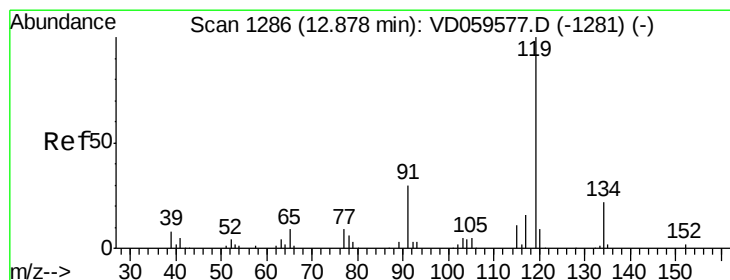
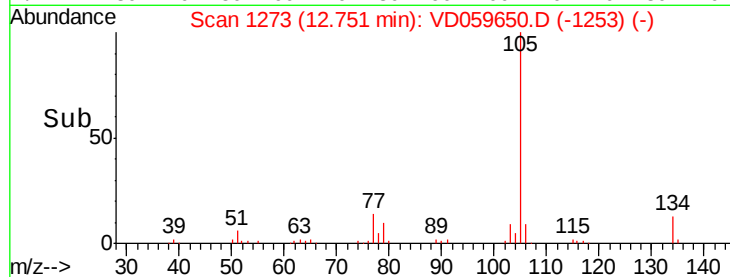
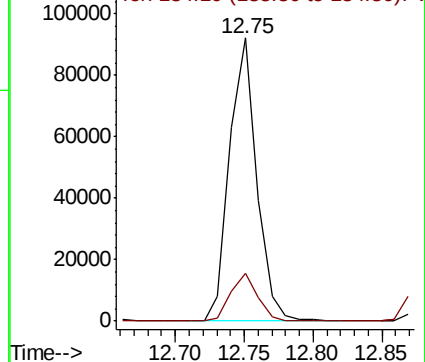
105 100

134 17.0 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: 22.376 ug/l

RT: 12.88 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VD059650.D

Acq: 31 Jul 2018 13:29

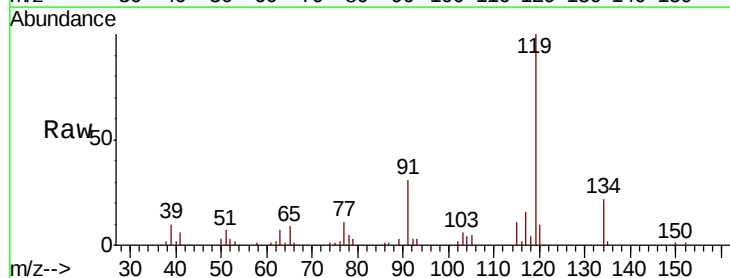
Tgt Ion:119 Resp: 108033

Ion Ratio Lower Upper

119 100

134 21.6 11.2 33.6

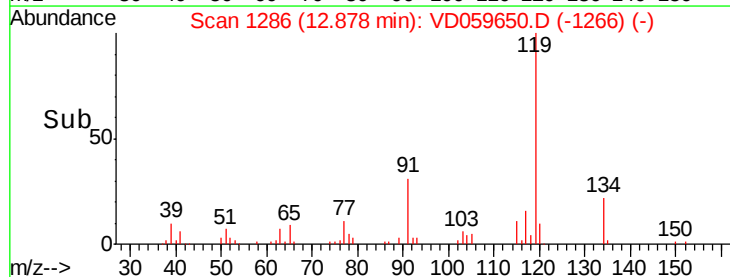
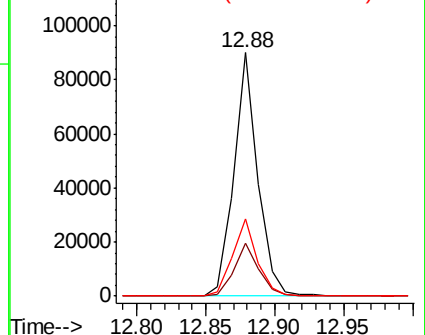
91 31.5 15.0 45.1

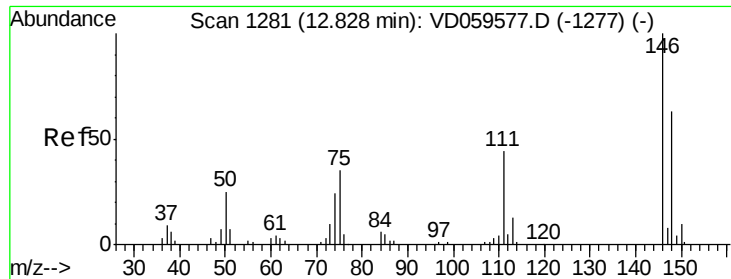


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

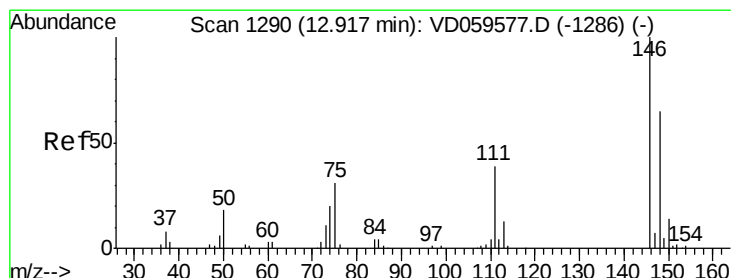
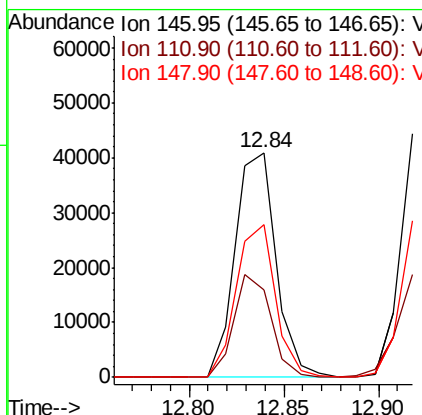
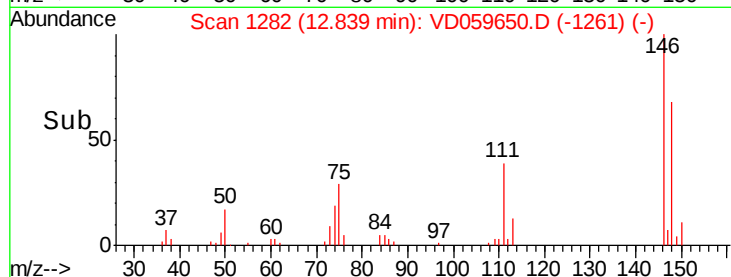
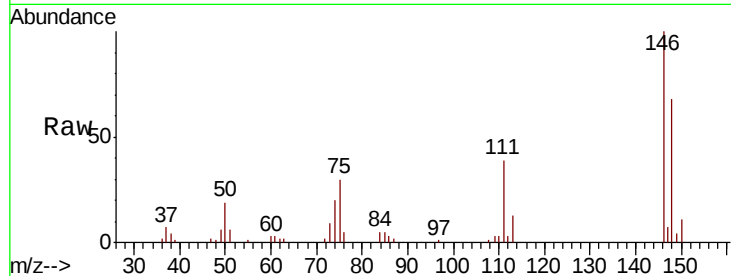




#87  
 1,3-Dichlorobenzene  
 Concen: 21.893 ug/l  
 RT: 12.84 min Scan# 1282  
 Delta R.T. 0.01 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

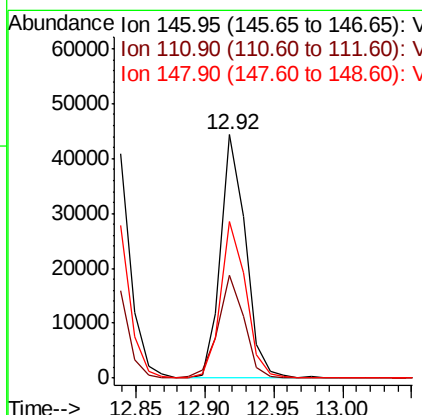
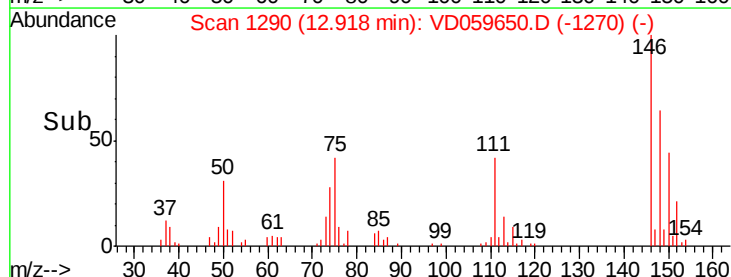
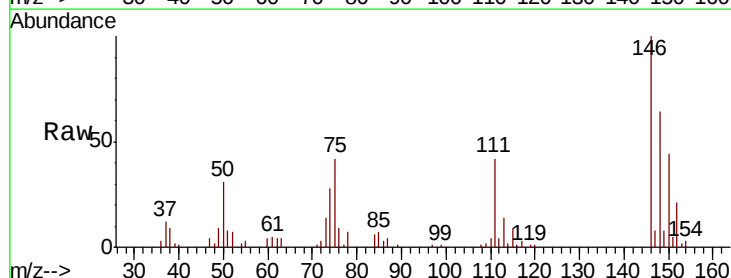
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBS01

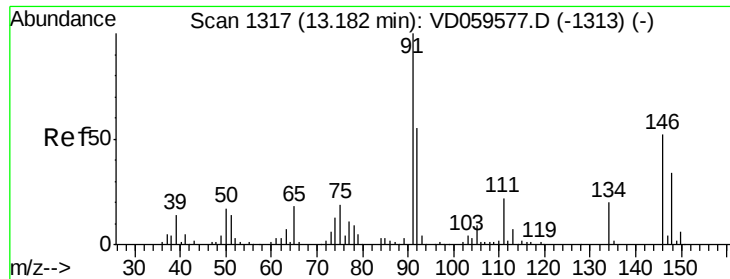
Tot Ion:146 Resp: 61137  
 Ion Ratio Lower Upper  
 146 100  
 111 38.7 22.2 66.6  
 148 67.7 31.8 95.3



#88  
 1,4-Dichlorobenzene  
 Concen: 20.699 ug/l  
 RT: 12.92 min Scan# 1290  
 Delta R.T. 0.00 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Tgt Ion:146 Resp: 55688  
 Ion Ratio Lower Upper  
 146 100  
 111 42.2 19.3 57.9  
 148 64.4 32.4 97.2

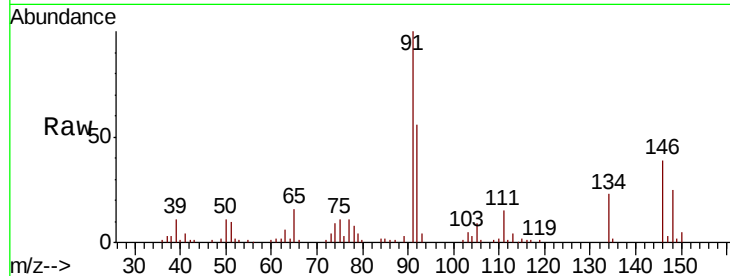




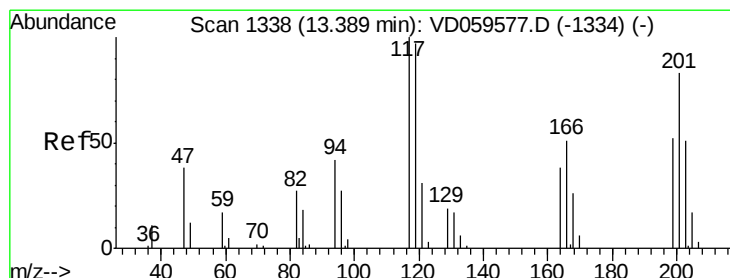
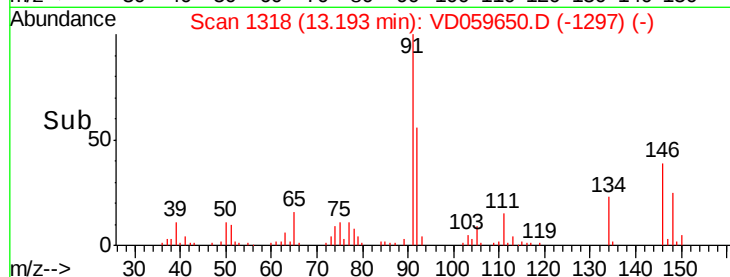
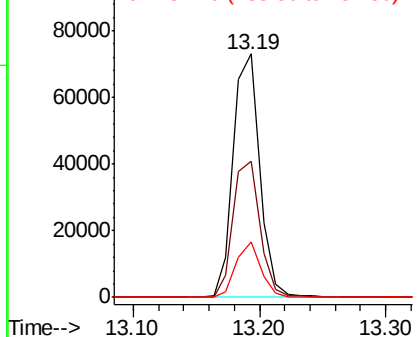
#89  
n-Butylbenzene  
Concen: 22.663 ug/l  
RT: 13.19 min Scan# 1318  
Delta R.T. 0.01 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

Tot Ion: 91 Resp: 105641  
Ion Ratio Lower Upper  
91 100  
92 55.9 27.6 82.7  
134 22.6 10.1 30.3

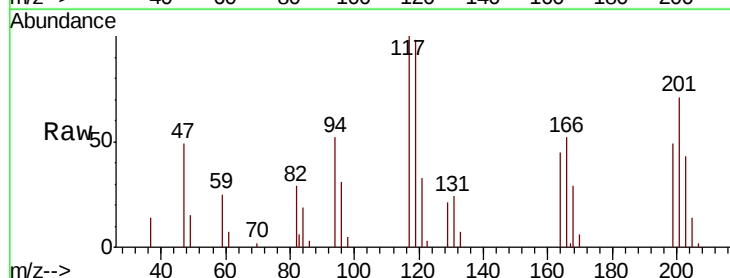


Abundance Ion 91.00 (90.70 to 91.70): V  
Ion 92.00 (91.70 to 92.70): V  
Ion 134.10 (133.80 to 134.80): V

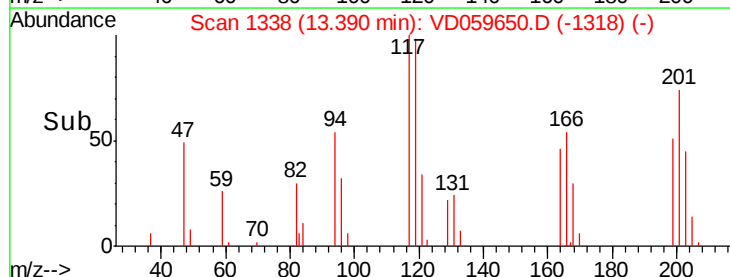
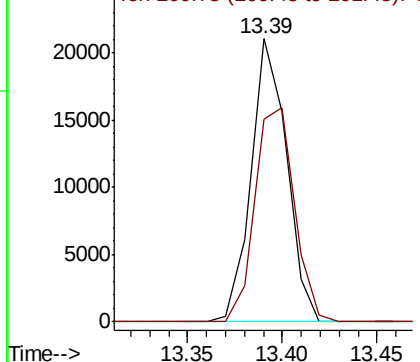


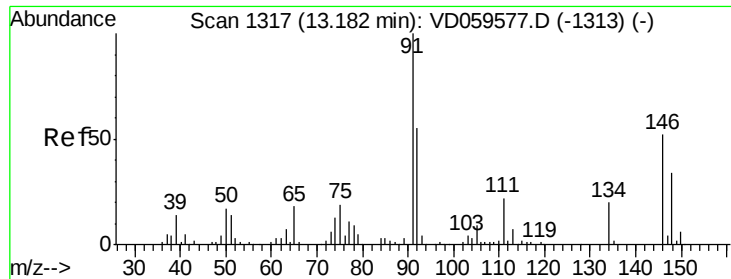
#90  
Hexachloroethane  
Concen: 21.256 ug/l  
RT: 13.39 min Scan# 1338  
Delta R.T. 0.00 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Tgt Ion: 117 Resp: 27424  
Ion Ratio Lower Upper  
117 100  
201 71.5 41.5 124.5



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

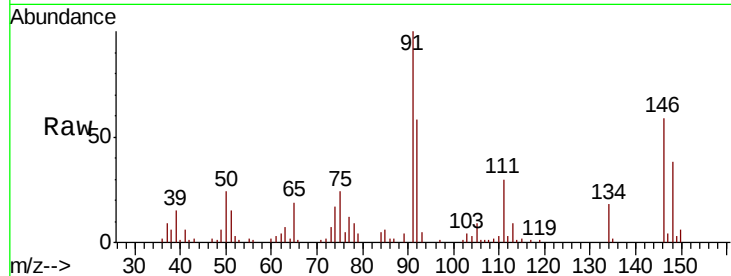




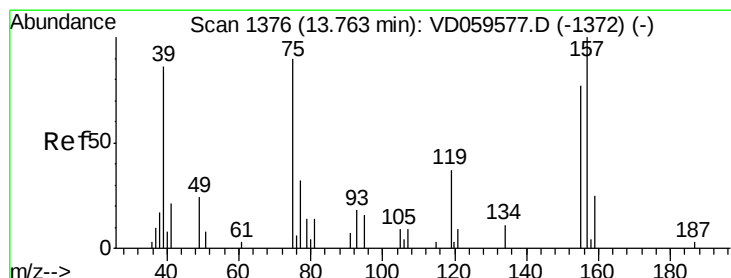
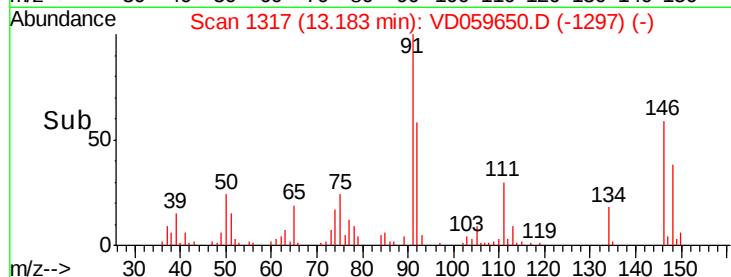
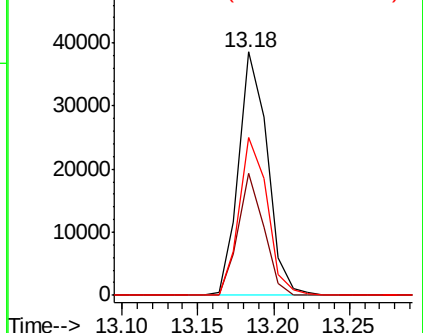
#91  
 1,2-Dichlorobenzene  
 Concen: 21.757 ug/l  
 RT: 13.18 min Scan# 1317  
 Delta R.T. 0.00 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0731SBS01

Tot Ion:146 Resp: 50979  
 Ion Ratio Lower Upper  
 146 100  
 111 50.1 21.4 64.3  
 148 64.7 32.6 98.0

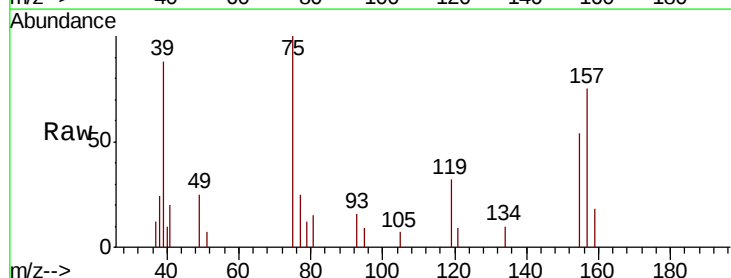


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

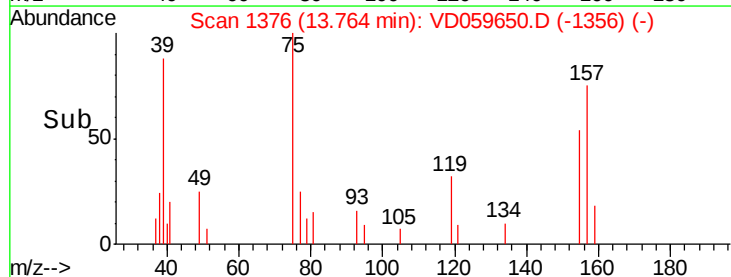
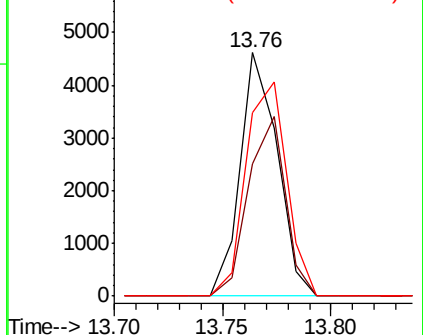


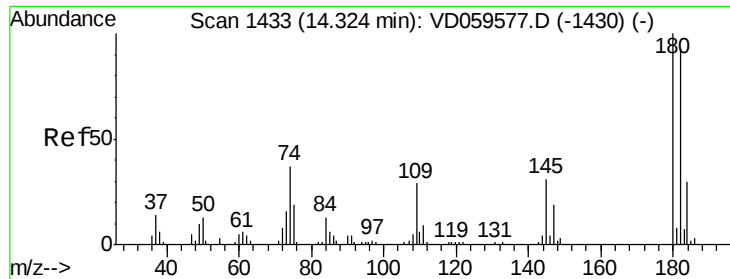
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 23.739 ug/l  
 RT: 13.76 min Scan# 1376  
 Delta R.T. 0.00 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Tgt Ion: 75 Resp: 5511  
 Ion Ratio Lower Upper  
 75 100  
 155 54.5 42.5 127.5  
 157 75.4 55.5 166.3



Abundance Ion 75.00 (74.70 to 75.70): V  
 Ion 154.90 (154.60 to 155.60): V  
 Ion 156.85 (156.55 to 157.55): V

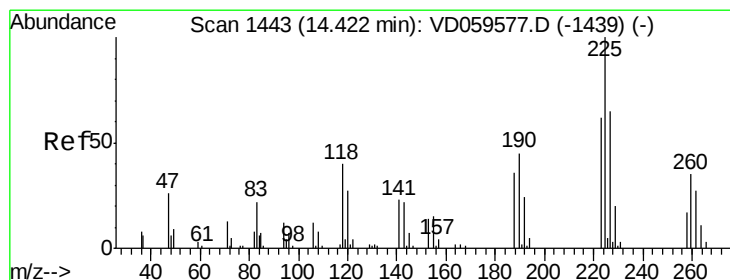
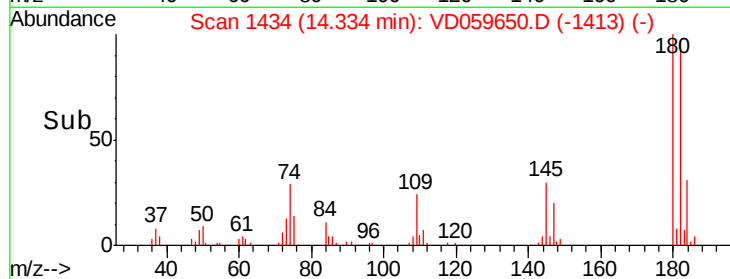
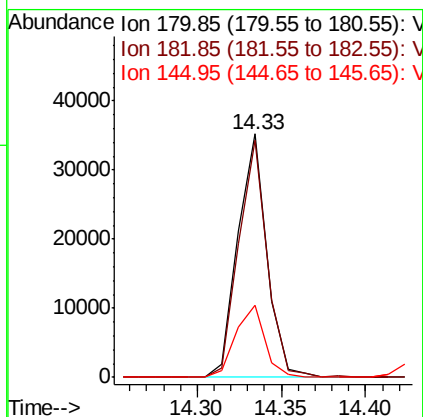
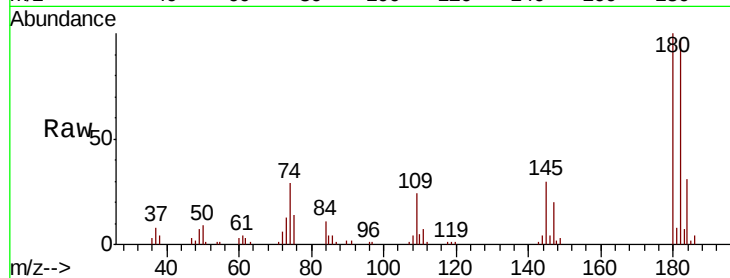




#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.631 ug/l  
 RT: 14.33 min Scan# 1434  
 Delta R.T. 0.01 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

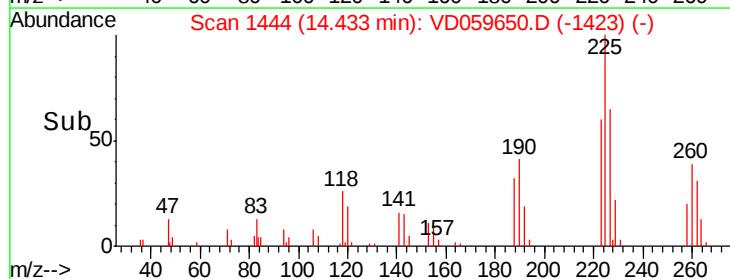
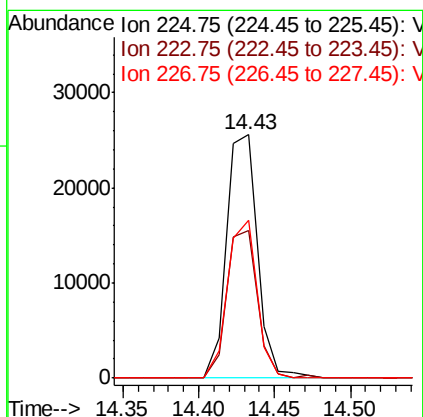
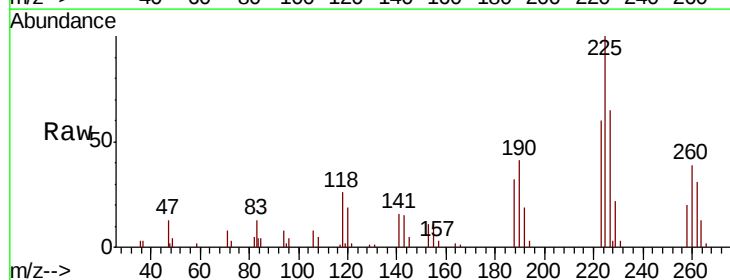
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0731SBS01

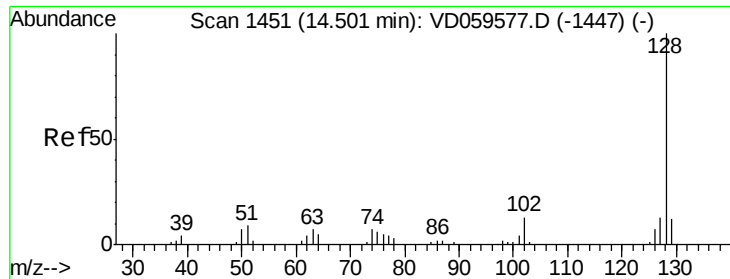
Tot Ion:180 Resp: 41971  
 Ion Ratio Lower Upper  
 180 100  
 182 97.5 46.4 139.2  
 145 29.7 15.7 47.0



#94  
 Hexachlorobutadiene  
 Concen: 23.733 ug/l  
 RT: 14.43 min Scan# 1444  
 Delta R.T. 0.01 min  
 Lab File: VD059650.D  
 Acq: 31 Jul 2018 13:29

Tgt Ion:225 Resp: 36324  
 Ion Ratio Lower Upper  
 225 100  
 223 60.4 31.1 93.5  
 227 64.8 32.4 97.2

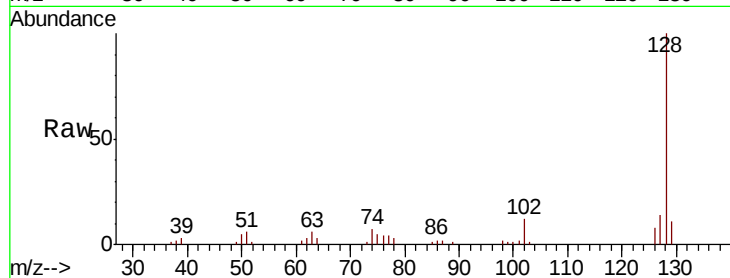




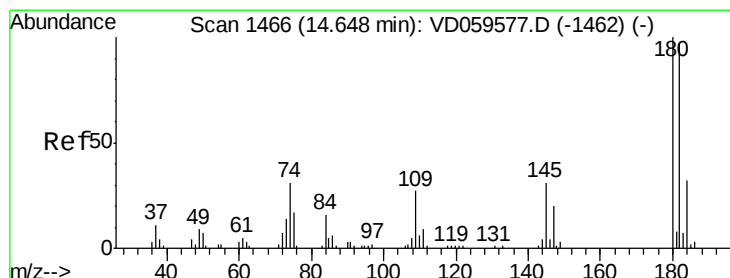
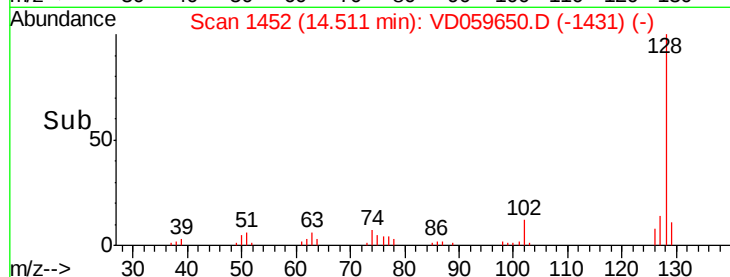
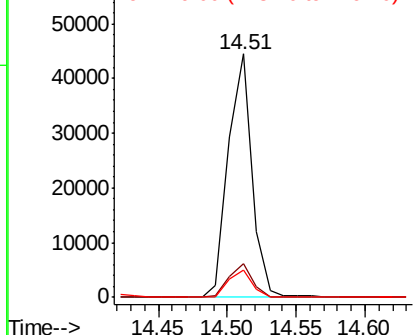
#95  
Naphthalene  
Concen: 19.351 ug/l  
RT: 14.51 min Scan# 1452  
Delta R.T. 0.01 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0731SBS01

Tot Ion:128 Resp: 53400  
Ion Ratio Lower Upper  
128 100  
127 14.0 10.5 15.7  
129 11.1 9.3 13.9

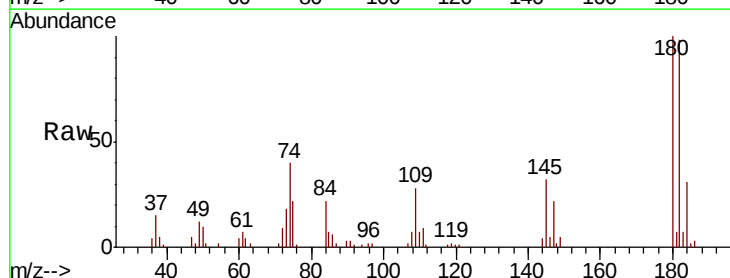


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 21.663 ug/l  
RT: 14.65 min Scan# 1466  
Delta R.T. 0.00 min  
Lab File: VD059650.D  
Acq: 31 Jul 2018 13:29

Tgt Ion:180 Resp: 38034  
Ion Ratio Lower Upper  
180 100  
182 97.8 48.6 145.9  
145 32.5 15.6 46.7



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

