

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051421\  
 Data File : VD069177.D  
 Acq On : 14 May 2021 15:26  
 Operator : VA/SY  
 Sample : BLANK  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VIBLK

Quant Time: May 15 02:34:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 13 04:01:29 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.985  | 168  | 549      | 50.00 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 1269     | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.649 | 117  | 2222     | 50.00 | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4 | 13.573 | 152  | 1865     | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 141      | 25.62    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 51.24%   |
| 35) Dibromofluoromethane    | 7.926  | 113   | 139      | 16.83    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 33.66%#  |
| 50) Toluene-d8              | 10.349 | 98    | 1355     | 44.65    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 89.30%   |
| 62) 4-Bromofluorobenzene    | 12.638 | 95    | 1211     | 124.03   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 248.06%# |

|                              |        |     |       |          |      |        |
|------------------------------|--------|-----|-------|----------|------|--------|
| Target Compounds             |        |     |       |          |      | Qvalue |
| 3) Chloromethane             | 2.203  | 50  | 170   | 25.34    | ug/l | # 42   |
| 4) Vinyl Chloride            | 2.356  | 62  | 74    | 8.37     | ug/l | # 6    |
| 5) Bromomethane              | 2.779  | 94  | 286   | 43.00    | ug/l | # 43   |
| 6) Chloroethane              | 2.926  | 64  | 103   | 18.11    | ug/l | # 43   |
| 7) Trichlorofluoromethane    | 3.262  | 101 | 62    | 5.75     | ug/l | # 18   |
| 11) Tert butyl alcohol       | 5.220  | 59  | 56    | 186.00   | ug/l | # 73   |
| 14) Allyl chloride           | 4.679  | 41  | 58    | 9.63     | ug/l | # 1    |
| 16) Acetone                  | 4.167  | 43  | 2267  | 2689.43  | ug/l | # 79   |
| 17) Carbon Disulfide         | 4.409  | 76  | 271   | 14.88    | ug/l | # 73   |
| 18) Methyl Acetate           | 4.850  | 43  | 60    | 29.30    | ug/l | # 45   |
| 19) Methyl tert-butyl Ether  | 5.426  | 73  | 55    | 5.52     | ug/l | # 55   |
| 20) Methylene Chloride       | 4.967  | 84  | 74952 | 13342.53 | ug/l | 94     |
| 21) trans-1,2-Dichloroethene | 5.491  | 96  | 61    | 9.37     | ug/l | # 1    |
| 23) Vinyl Acetate            | 6.467  | 43  | 59    | 8.31     | ug/l | # 66   |
| 25) 2-Butanone               | 7.203  | 43  | 332   | 290.66   | ug/l | # 38   |
| 26) 2,2-Dichloropropane      | 7.191  | 77  | 919   | 94.53    | ug/l | # 52   |
| 30) Chloroform               | 7.726  | 83  | 196   | 16.75    | ug/l | # 16   |
| 31) Cyclohexane              | 7.967  | 56  | 119   | 14.59    | ug/l | # 6    |
| 36) 1,1-Dichloropropene      | 8.302  | 75  | 607   | 49.20    | ug/l | # 40   |
| 37) Ethyl Acetate            | 7.285  | 43  | 238   | 60.04    | ug/l | # 66   |
| 38) Carbon Tetrachloride     | 8.285  | 117 | 428   | 31.03    | ug/l | # 12   |
| 39) Methylcyclohexane        | 9.355  | 83  | 61    | 4.69     | ug/l | # 22   |
| 40) Benzene                  | 8.355  | 78  | 319   | 9.03     | ug/l | # 51   |
| 41) Methacrylonitrile        | 7.473  | 41  | 55    | 26.07    | ug/l | # 1    |
| 42) 1,2-Dichloroethane       | 8.426  | 62  | 70    | 7.25     | ug/l | # 72   |
| 43) Isopropyl Acetate        | 8.444  | 43  | 76    | 10.56    | ug/l | # 46   |
| 48) Methyl methacrylate      | 9.496  | 41  | 143   | 42.96    | ug/l | # 4    |
| 51) 4-Methyl-2-Pentanone     | 10.232 | 43  | 579   | 156.34   | ug/l | 94     |
| 52) Toluene                  | 10.396 | 92  | 692   | 30.34    | ug/l | 77     |
| 53) t-1,3-Dichloropropene    | 10.614 | 75  | 62    | 5.56     | ug/l | # 42   |
| 55) 1,1,2-Trichloroethane    | 10.726 | 97  | 230   | 34.22    | ug/l | # 16   |
| 59) 2-Hexanone               | 10.979 | 43  | 126   | 50.99    | ug/l | # 19   |
| 60) Dibromochloromethane     | 10.867 | 129 | 148   | 17.15    | ug/l | # 11   |
| 64) Tetrachloroethene        | 10.879 | 164 | 66    | 4.27     | ug/l | # 39   |
| 65) Chlorobenzene            | 11.673 | 112 | 223   | 4.84     | ug/l | # 42   |
| 67) Ethyl Benzene            | 11.738 | 91  | 702   | 8.86     | ug/l | # 45   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051421\  
 Data File : VD069177.D  
 Acq On : 14 May 2021 15:26  
 Operator : VA/SY  
 Sample : BLANK  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

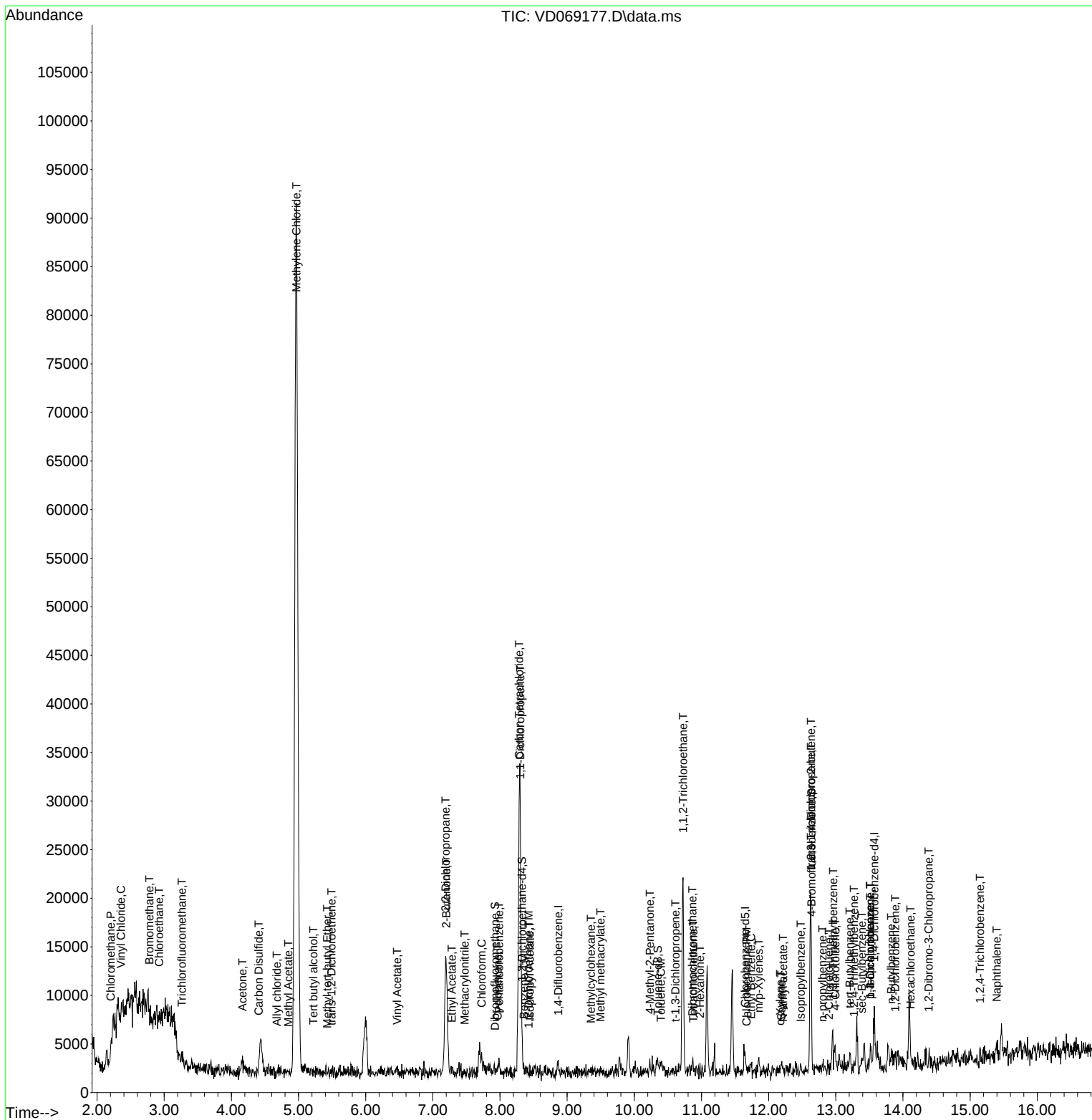
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VIBLK

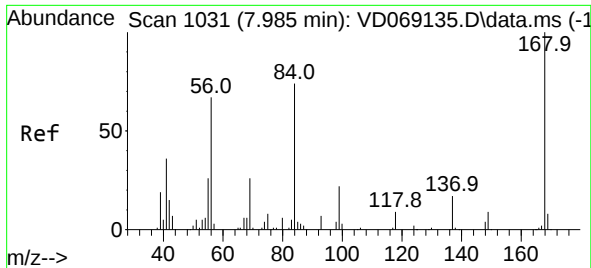
Quant Time: May 15 02:34:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 13 04:01:29 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 68) m/p-Xylenes               | 11.855 | 106  | 418      | 13.46 | ug/l   | 86       |
| 69) o-Xylene                  | 12.173 | 106  | 66       | 2.39  | ug/l # | 18       |
| 70) Styrene                   | 12.190 | 104  | 335      | 6.95  | ug/l # | 79       |
| 73) Isopropylbenzene          | 12.479 | 105  | 259      | 1.99  | ug/l # | 48       |
| 74) N-amyl acetate            | 12.214 | 43   | 58       | 2.72  | ug/l # | 37       |
| 76) 1,2,3-Trichloropropane    | 12.632 | 75   | 498      | 35.52 | ug/l # | 100      |
| 78) n-propylbenzene           | 12.802 | 91   | 746      | 4.74  | ug/l # | 52       |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 100      | 1.14  | ug/l # | 39       |
| 80) 1,3,5-Trimethylbenzene    | 12.961 | 105  | 421      | 3.92  | ug/l # | 51       |
| 81) trans-1,4-Dichloro-2-b... | 12.632 | 75   | 498      | 71.75 | ug/l # | 14       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 500      | 5.36  | ug/l # | 39       |
| 83) tert-Butylbenzene         | 13.208 | 119  | 248      | 2.77  | ug/l # | 65       |
| 84) 1,2,4-Trimethylbenzene    | 13.273 | 105  | 540      | 4.99  | ug/l # | 49       |
| 85) sec-Butylbenzene          | 13.390 | 105  | 435      | 3.23  | ug/l # | 56       |
| 86) p-Isopropyltoluene        | 13.514 | 119  | 379      | 3.20  | ug/l # | 68       |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 409      | 6.53  | ug/l   | 82       |
| 88) 1,4-Dichlorobenzene       | 13.514 | 146  | 409      | 6.60  | ug/l   | 81       |
| 89) n-Butylbenzene            | 13.826 | 91   | 561      | 5.09  | ug/l # | 61       |
| 90) Hexachloroethane          | 14.114 | 117  | 118      | 5.32  | ug/l # | 14       |
| 91) 1,2-Dichlorobenzene       | 13.885 | 146  | 337      | 6.27  | ug/l # | 50       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.384 | 75   | 100      | 27.28 | ug/l # | 1        |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 438      | 13.29 | ug/l # | 44       |
| 95) Naphthalene               | 15.396 | 128  | 1079     | 19.00 | ug/l # | 83       |
| -----                         |        |      |          |       |        |          |

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

Quant Time: May 15 02:34:54 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051221S.M  
Quant Title : SW846 8260  
QLast Update : Thu May 13 04:01:29 2021  
Response via : Initial Calibration

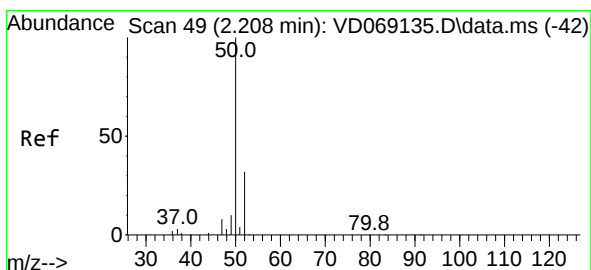
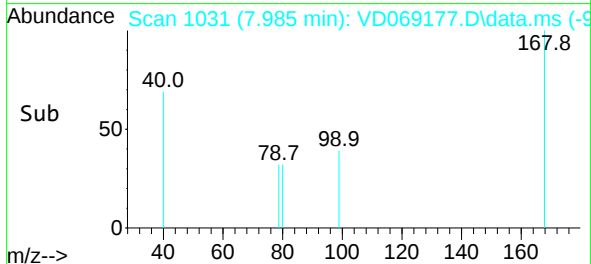
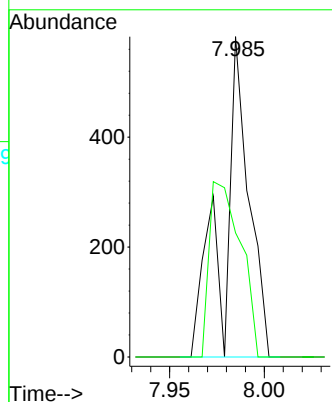
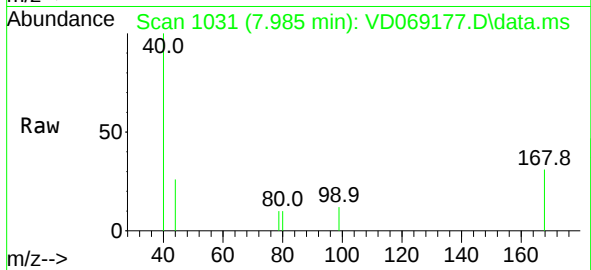




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

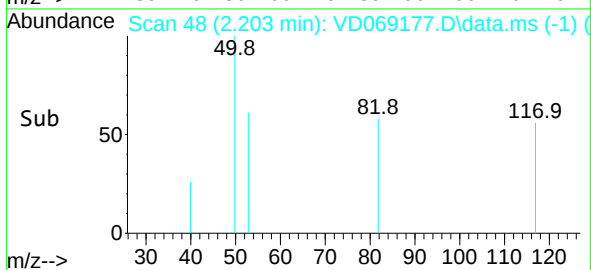
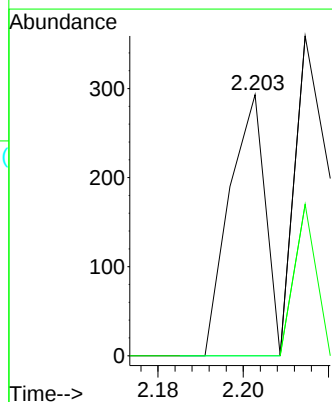
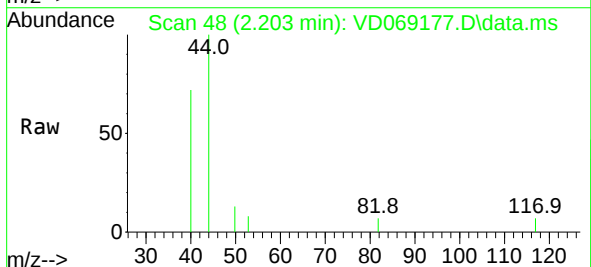
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

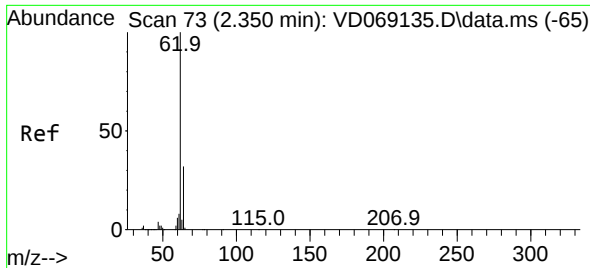
Tgt Ion:168 Resp: 549  
Ion Ratio Lower Upper  
168 100  
99 38.8 47.2 70.8#



#3  
Chloromethane  
Concen: 25.34 ug/l  
RT: 2.203 min Scan# 48  
Delta R.T. -0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 50 Resp: 170  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.8 38.8#

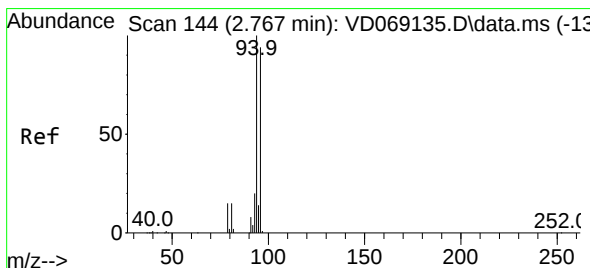
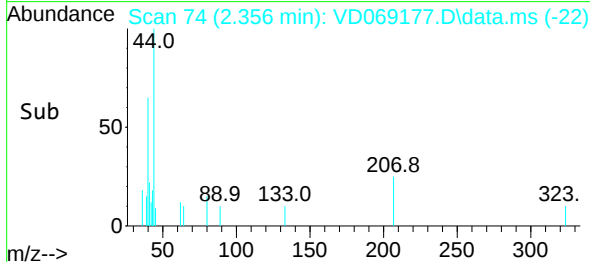
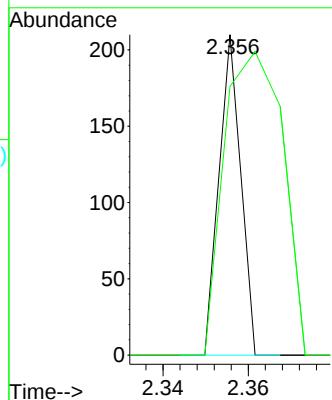
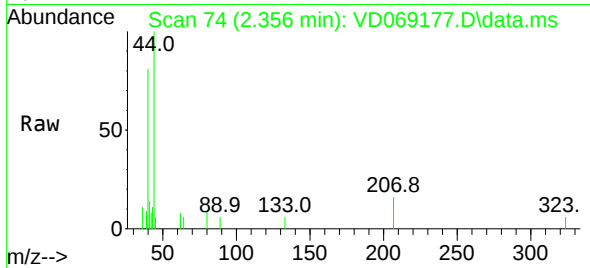




#4  
 Vinyl Chloride  
 Concen: 8.37 ug/l  
 RT: 2.356 min Scan# 74  
 Delta R.T. 0.006 min  
 Lab File: VD069177.D  
 Acq: 14 May 2021 15:26

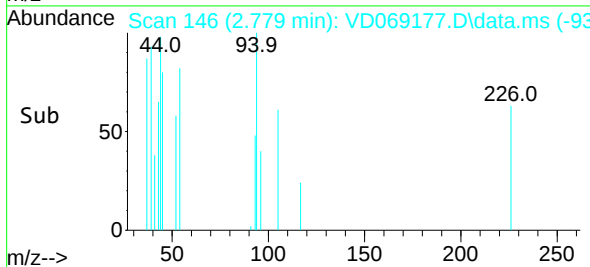
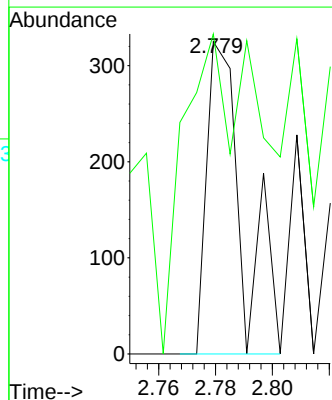
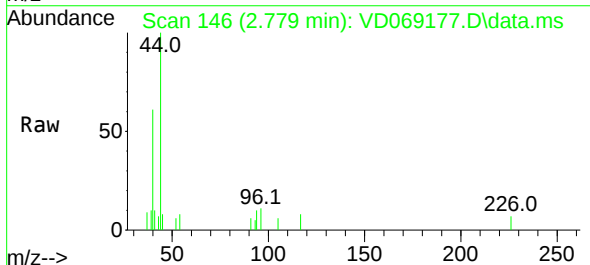
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VIBLK

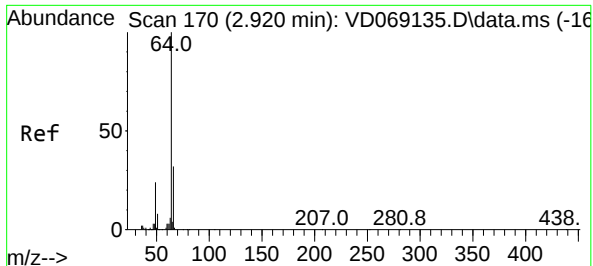
Tgt Ion: 62 Resp: 74  
 Ion Ratio Lower Upper  
 62 100  
 64 83.8 25.3 37.9#



#5  
 Bromomethane  
 Concen: 43.00 ug/l  
 RT: 2.779 min Scan# 146  
 Delta R.T. 0.012 min  
 Lab File: VD069177.D  
 Acq: 14 May 2021 15:26

Tgt Ion: 94 Resp: 286  
 Ion Ratio Lower Upper  
 94 100  
 96 39.4 75.4 113.0#

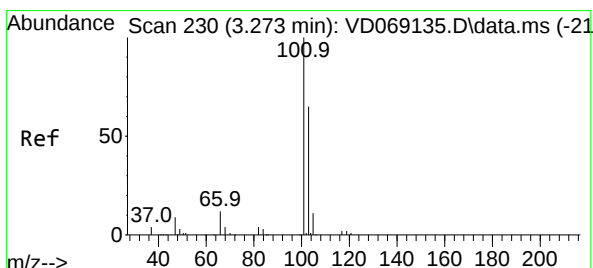
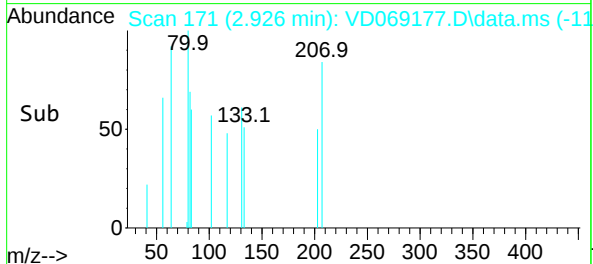
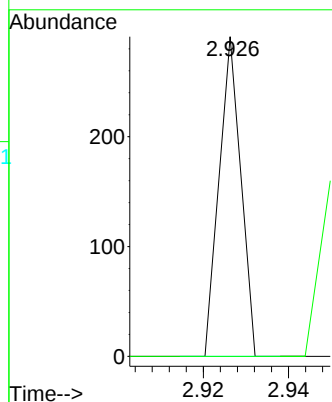
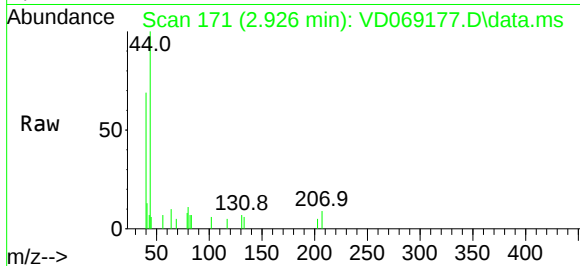




#6  
Chloroethane  
Concen: 18.11 ug/l  
RT: 2.926 min Scan# 171  
Delta R.T. 0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

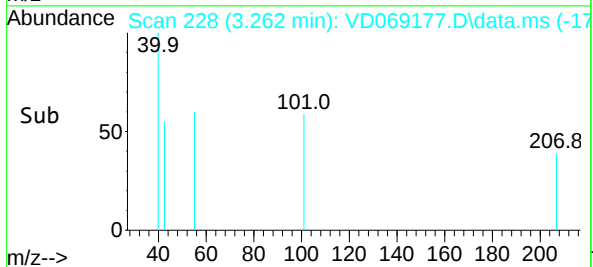
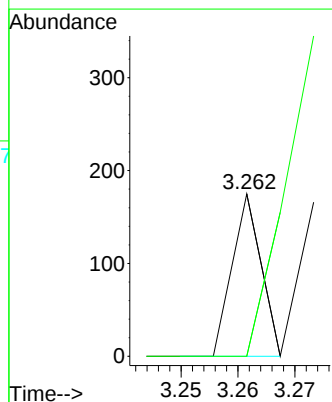
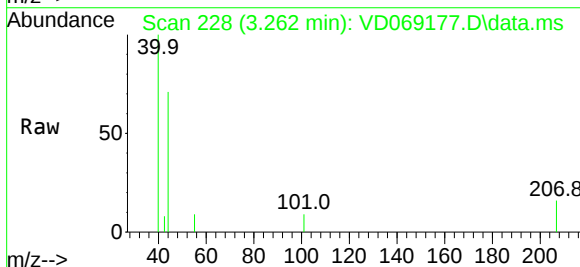
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

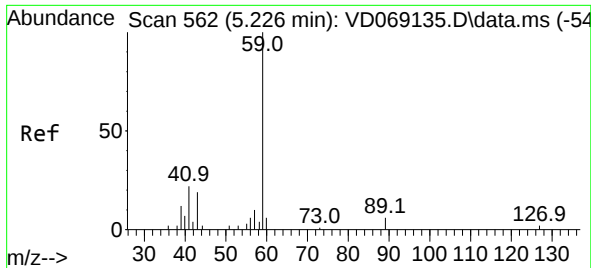
Tgt Ion: 64 Resp: 103  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.2 37.8#



#7  
Trichlorofluoromethane  
Concen: 5.75 ug/l  
RT: 3.262 min Scan# 228  
Delta R.T. -0.012 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 101 Resp: 62  
Ion Ratio Lower Upper  
101 100  
103 0.0 51.9 77.9#



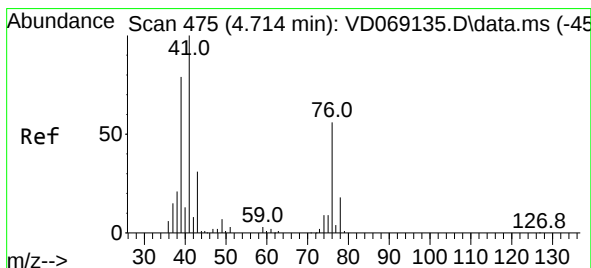
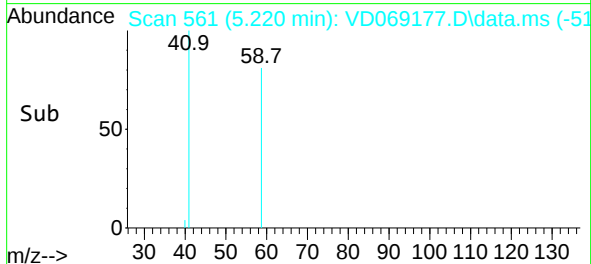
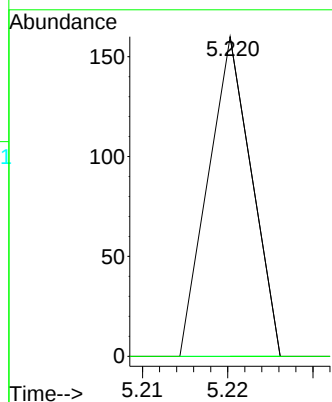
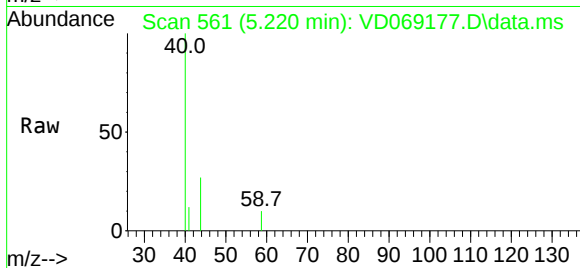


#11

Tert butyl alcohol  
Concen: 186.00 ug/l  
RT: 5.220 min Scan# 561  
Delta R.T. -0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

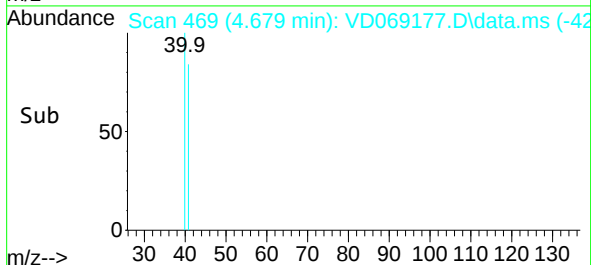
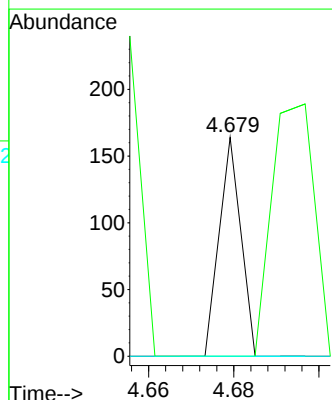
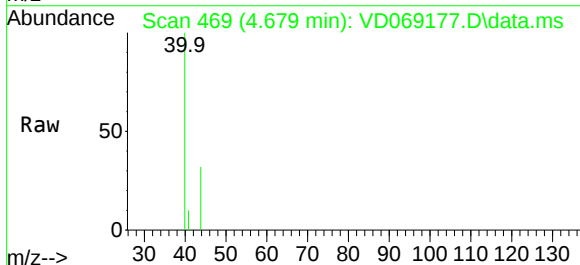
Tgt Ion: 59 Resp: 56  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.8 11.8#

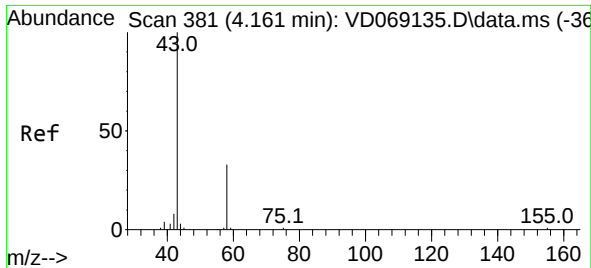


#14

Allyl chloride  
Concen: 9.63 ug/l  
RT: 4.679 min Scan# 469  
Delta R.T. -0.035 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 41 Resp: 58  
Ion Ratio Lower Upper  
41 100  
39 225.9 64.3 96.5#  
76 0.0 43.6 65.4#

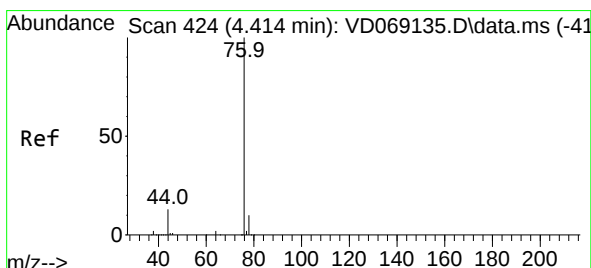
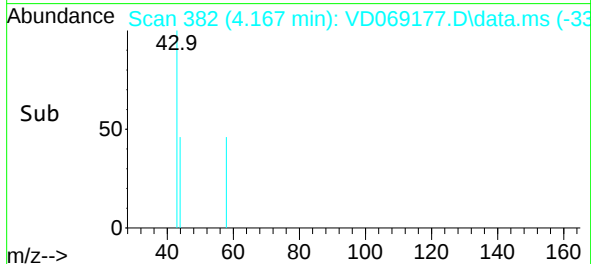
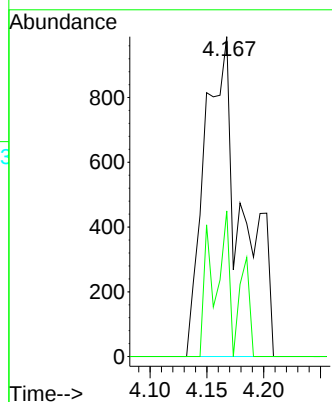
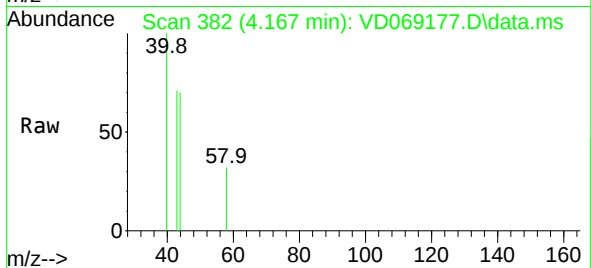




#16  
Acetone  
Concen: 2689.43 ug/l  
RT: 4.167 min Scan# 382  
Delta R.T. 0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

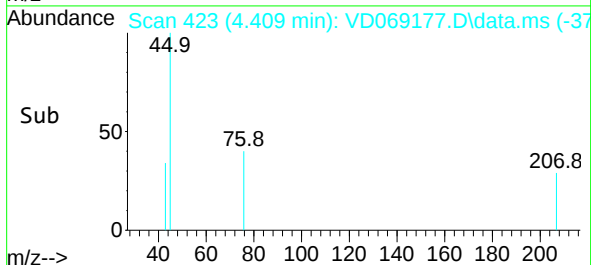
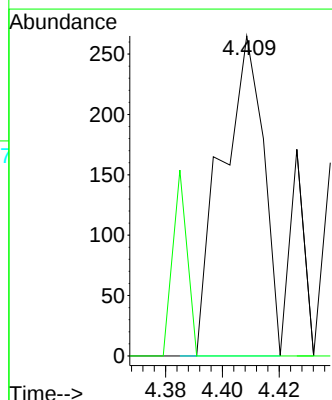
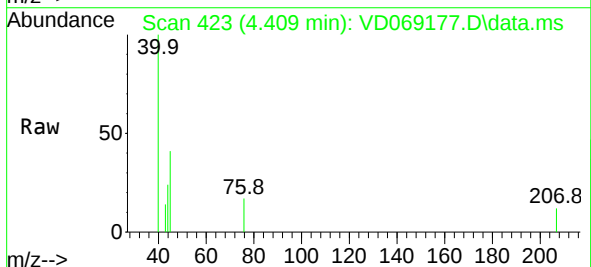
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

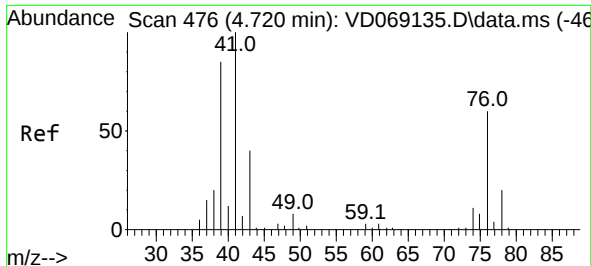
Tgt Ion: 43 Resp: 2267  
Ion Ratio Lower Upper  
43 100  
58 45.5 26.7 40.1#



#17  
Carbon Disulfide  
Concen: 14.88 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 76 Resp: 271  
Ion Ratio Lower Upper  
76 100  
78 0.0 8.1 12.1#

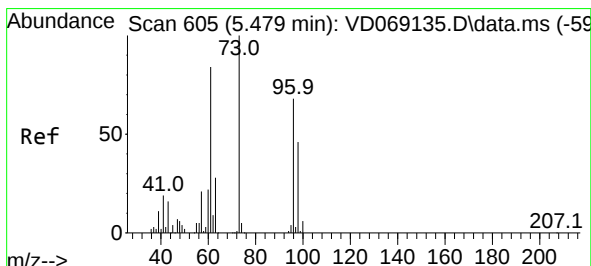
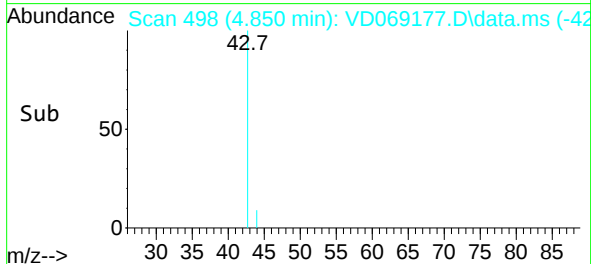
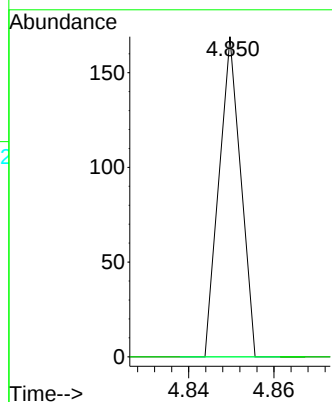
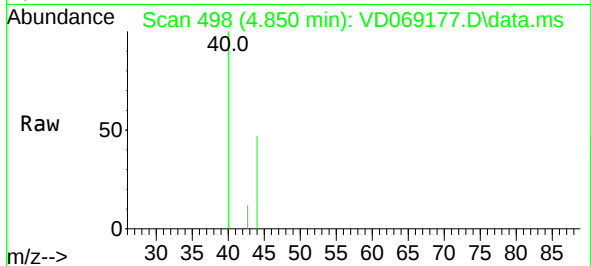




#18  
Methyl Acetate  
Concen: 29.30 ug/l  
RT: 4.850 min Scan# 498  
Delta R.T. 0.130 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

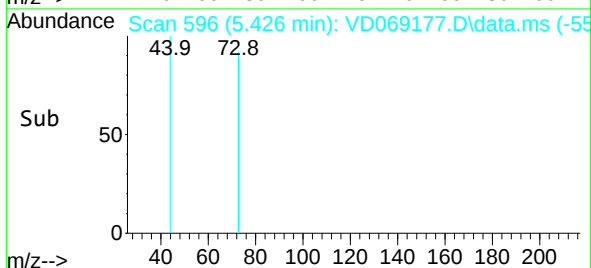
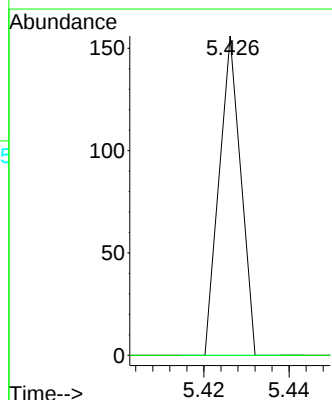
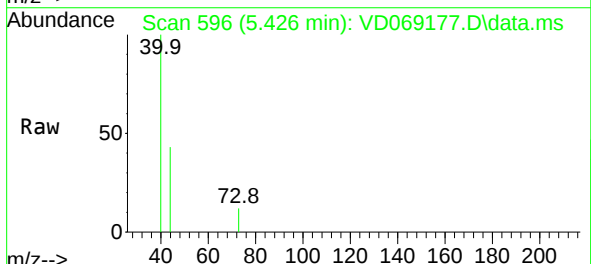
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

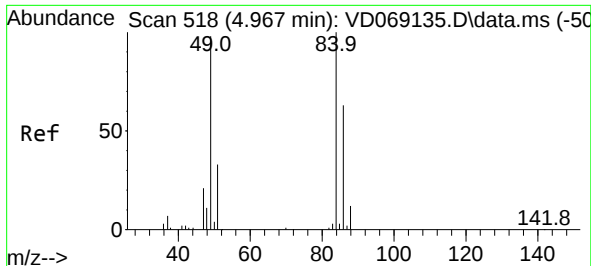
Tgt Ion: 43 Resp: 60  
Ion Ratio Lower Upper  
43 100  
74 0.0 23.8 35.6#



#19  
Methyl tert-butyl Ether  
Concen: 5.52 ug/l  
RT: 5.426 min Scan# 596  
Delta R.T. -0.053 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 73 Resp: 55  
Ion Ratio Lower Upper  
73 100  
57 0.0 17.1 25.7#

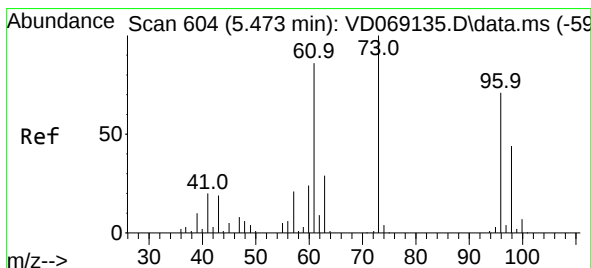
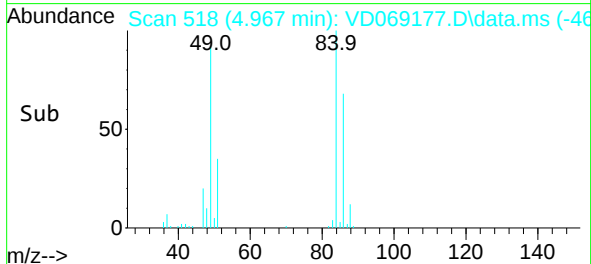
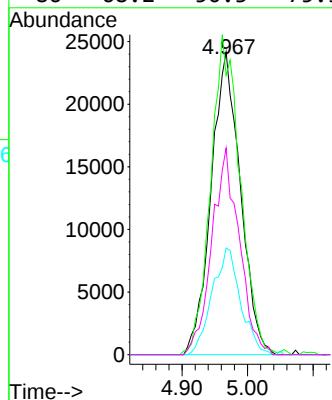
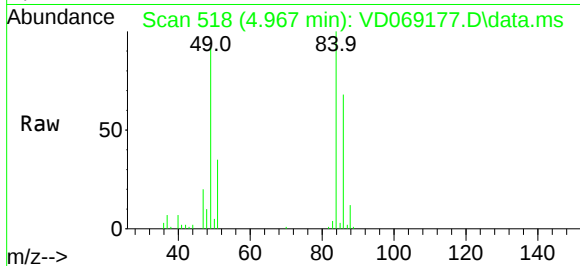




#20  
Methylene Chloride  
Concen: 13342.53 ug/l  
RT: 4.967 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

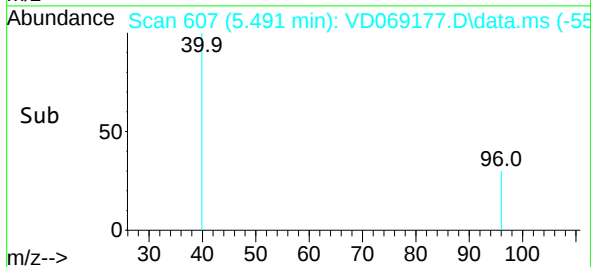
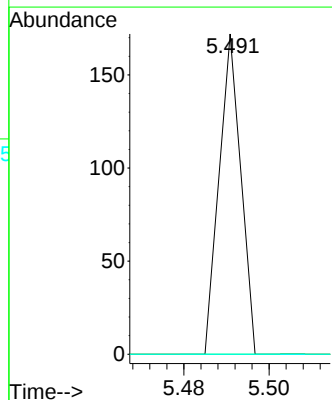
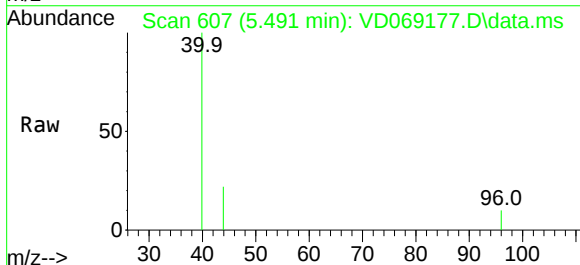
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

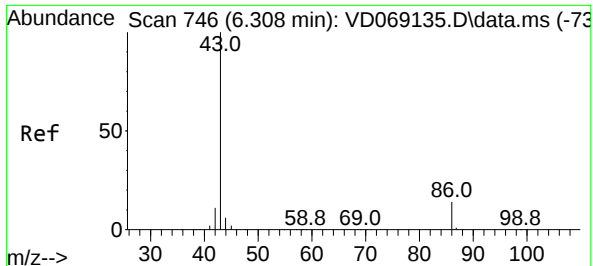
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 74952 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 92.3  | 78.6  | 117.8 |
| 51       | 35.3  | 26.7  | 40.1  |
| 86       | 68.2  | 50.3  | 75.5  |



#21  
trans-1,2-Dichloroethene  
Concen: 9.37 ug/l  
RT: 5.491 min Scan# 607  
Delta R.T. 0.018 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 61     |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 0.0   | 97.7  | 146.5# |
| 98       | 0.0   | 49.4  | 74.2#  |

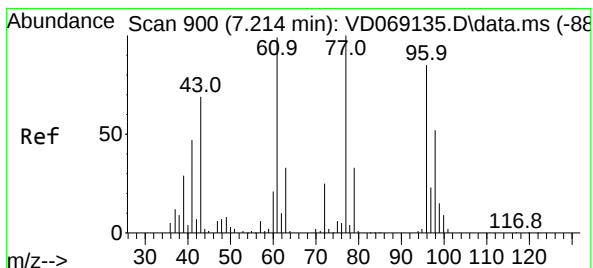
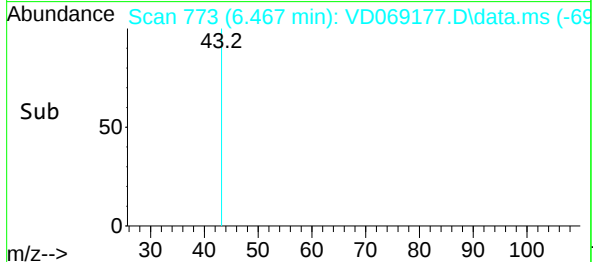
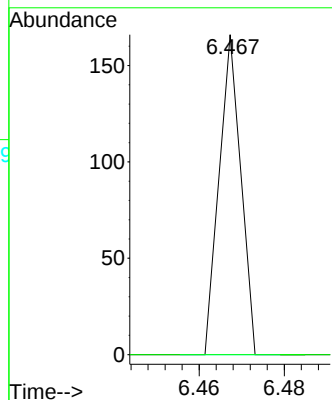
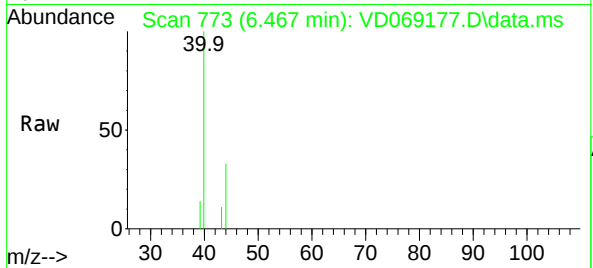




#23  
 Vinyl Acetate  
 Concen: 8.31 ug/l  
 RT: 6.467 min Scan# 773  
 Delta R.T. 0.159 min  
 Lab File: VD069177.D  
 Acq: 14 May 2021 15:26

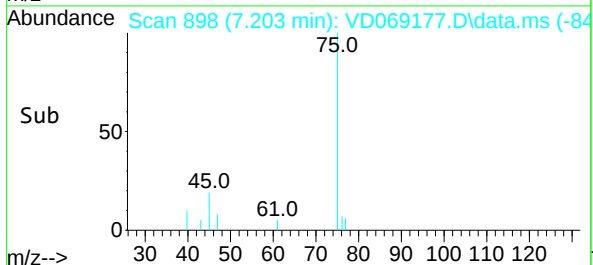
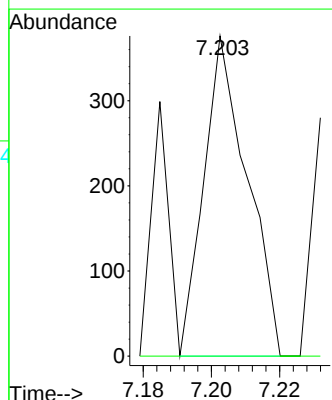
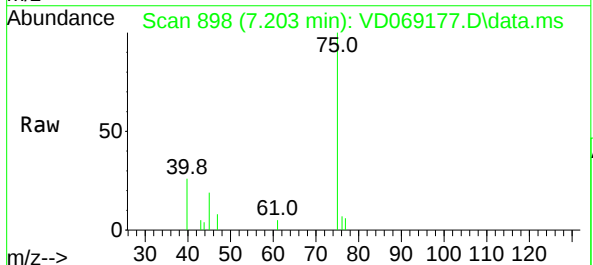
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VIBLK

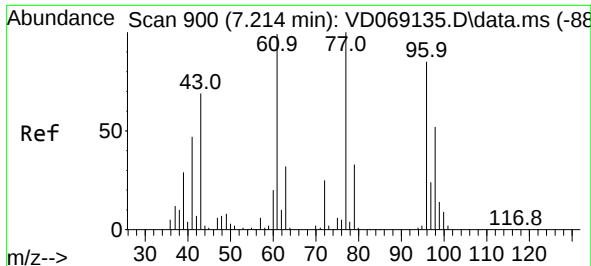
Tgt Ion: 43 Resp: 59  
 Ion Ratio Lower Upper  
 43 100  
 86 0.0 11.1 16.7#



#25  
 2-Butanone  
 Concen: 290.66 ug/l  
 RT: 7.203 min Scan# 898  
 Delta R.T. -0.011 min  
 Lab File: VD069177.D  
 Acq: 14 May 2021 15:26

Tgt Ion: 43 Resp: 332  
 Ion Ratio Lower Upper  
 43 100  
 72 0.0 29.1 43.7#

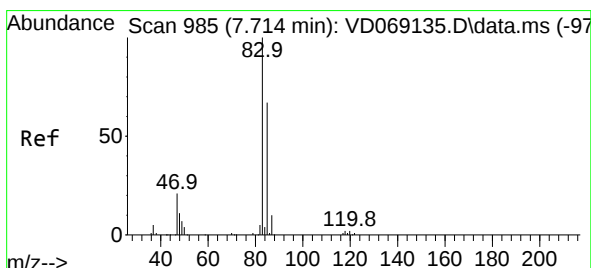
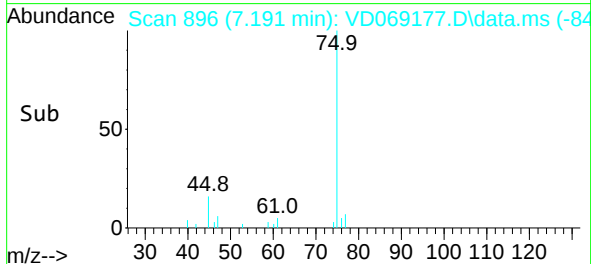
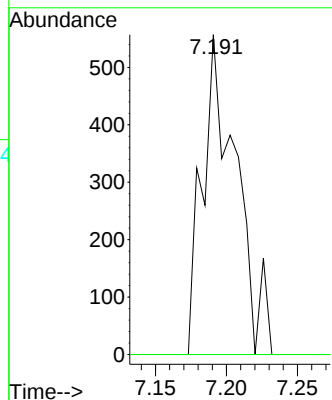
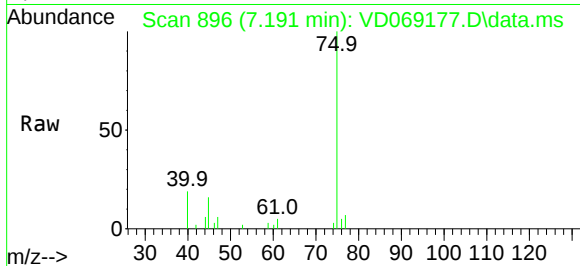




#26  
2,2-Dichloropropane  
Concen: 94.53 ug/l  
RT: 7.191 min Scan# 896  
Delta R.T. -0.023 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

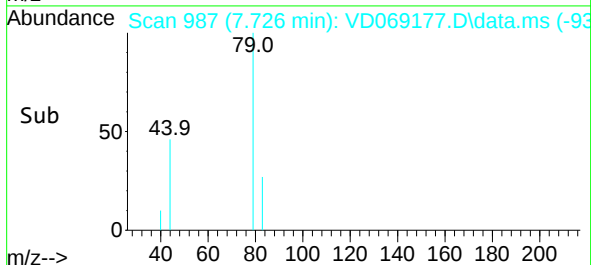
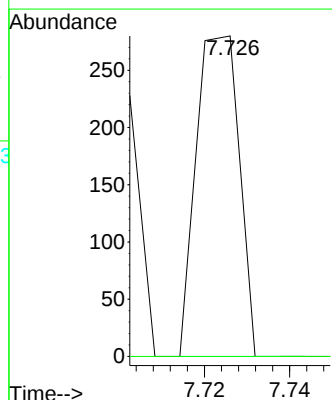
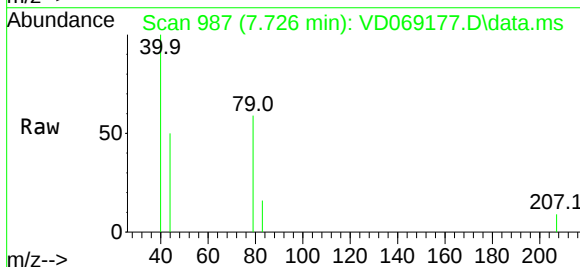
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

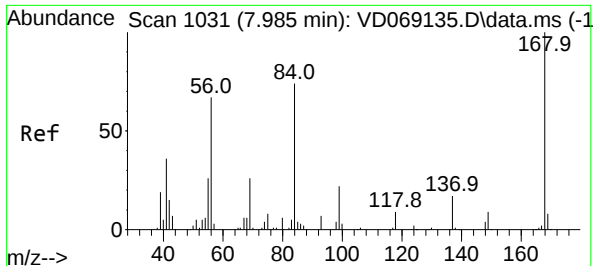
Tgt Ion: 77 Resp: 919  
Ion Ratio Lower Upper  
77 100  
97 0.0 11.9 35.5#



#30  
Chloroform  
Concen: 16.75 ug/l  
RT: 7.726 min Scan# 987  
Delta R.T. 0.012 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 83 Resp: 196  
Ion Ratio Lower Upper  
83 100  
85 0.0 54.0 81.0#

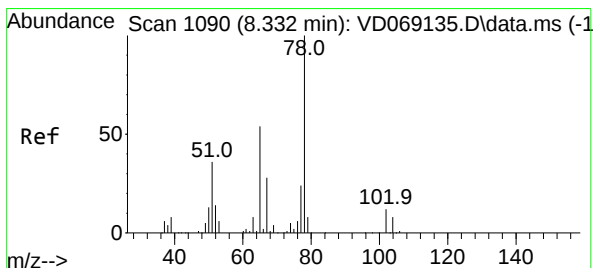
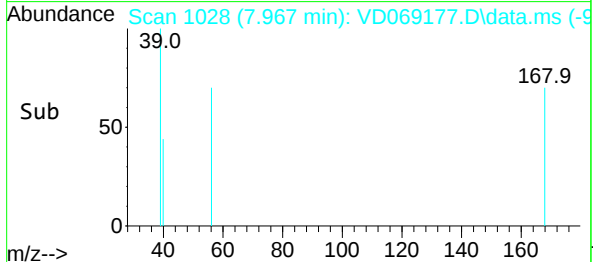
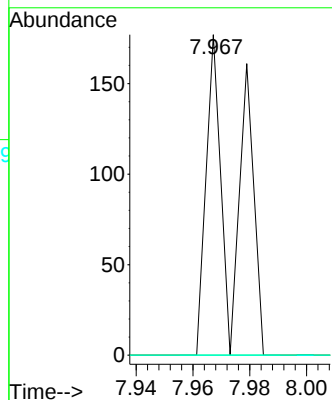
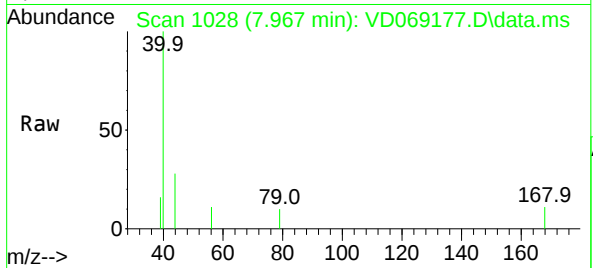




#31  
Cyclohexane  
Concen: 14.59 ug/l  
RT: 7.967 min Scan# 1028  
Delta R.T. -0.017 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

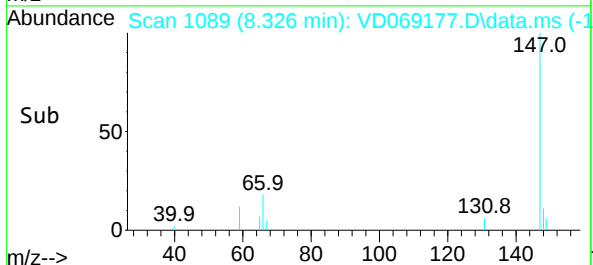
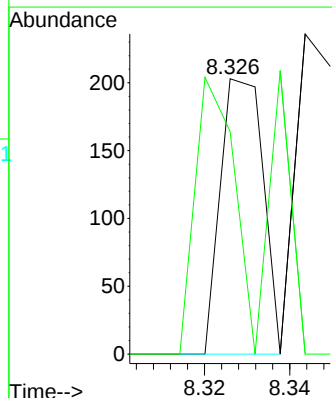
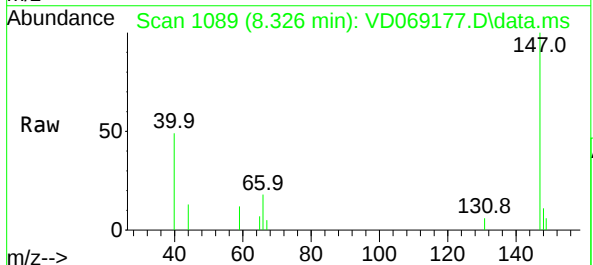
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

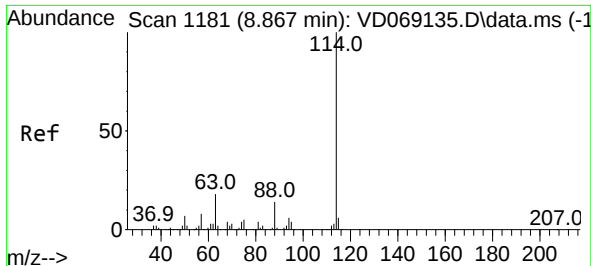
Tgt Ion: 56 Resp: 119  
Ion Ratio Lower Upper  
56 100  
69 0.0 30.6 46.0#  
84 0.0 88.0 132.0#



#33  
1,2-Dichloroethane-d4  
Concen: 25.62 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 65 Resp: 141  
Ion Ratio Lower Upper  
65 100  
67 92.2 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

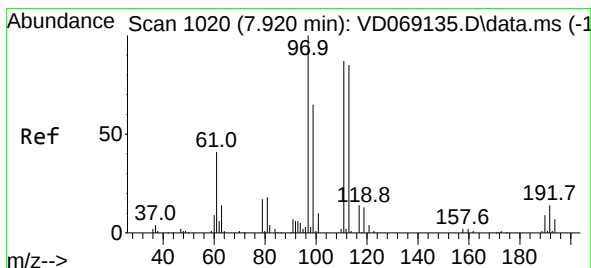
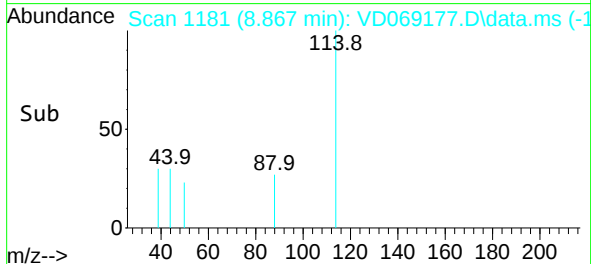
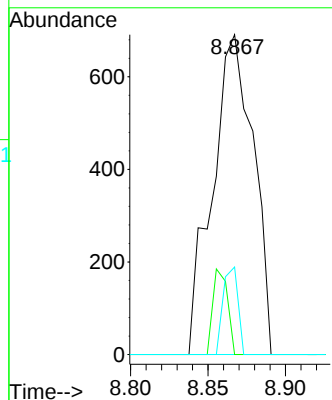
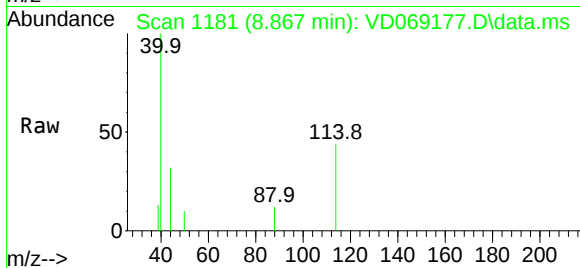
RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD069177.D

Acq: 14 May 2021 15:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 114   | Resp: | 1269  |
| Ion      | Ratio | Lower | Upper |
| 114      | 100   |       |       |
| 63       | 0.0   | 0.0   | 36.4  |
| 88       | 27.4  | 0.0   | 28.2  |



#35

Dibromofluoromethane

Concen: 16.83 ug/l

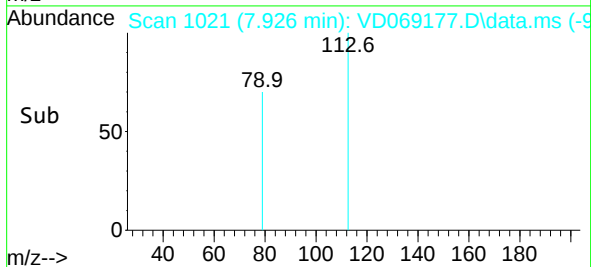
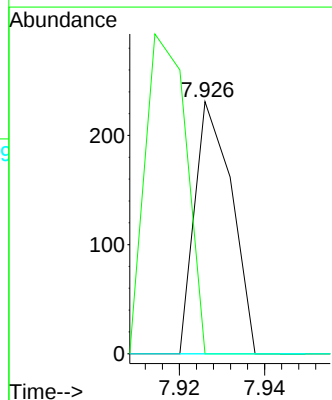
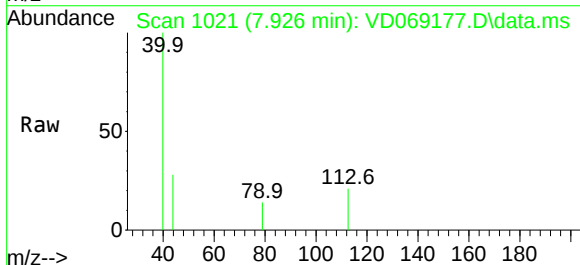
RT: 7.926 min Scan# 1021

Delta R.T. 0.006 min

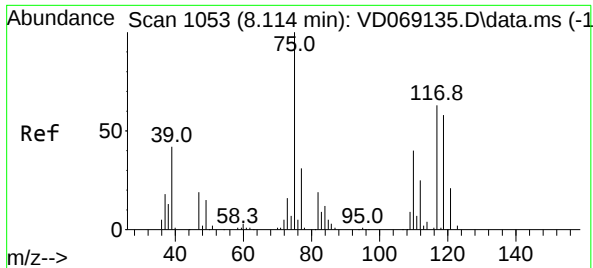
Lab File: VD069177.D

Acq: 14 May 2021 15:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 139    |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 140.3 | 80.6  | 120.8# |
| 192      | 0.0   | 14.8  | 22.2#  |



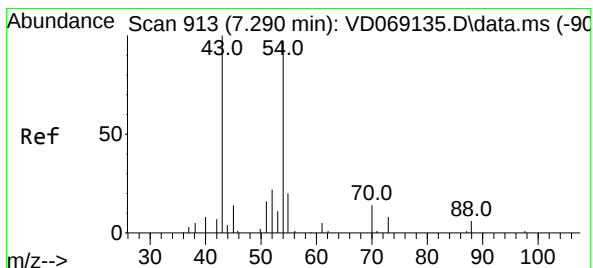
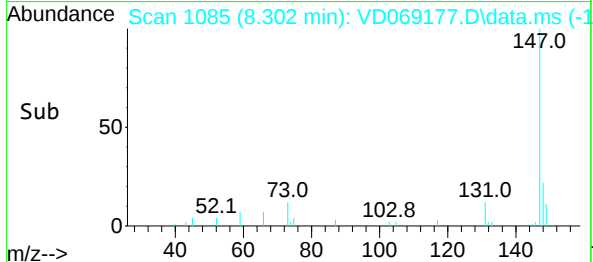
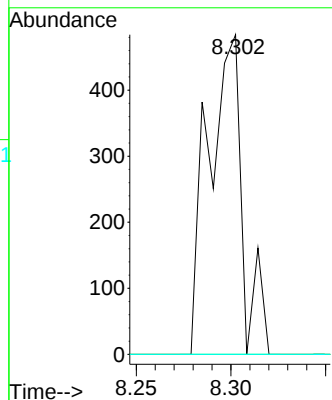
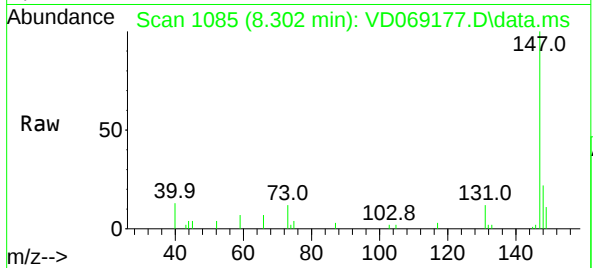
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK



#36  
1,1-Dichloropropene  
Concen: 49.20 ug/l  
RT: 8.302 min Scan# 1085  
Delta R.T. 0.188 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

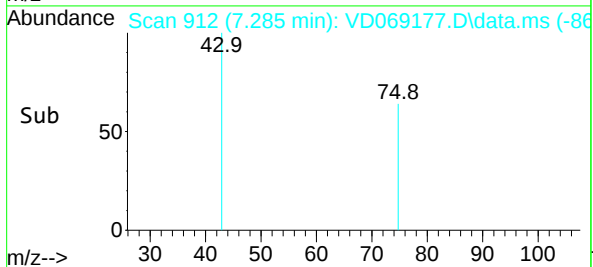
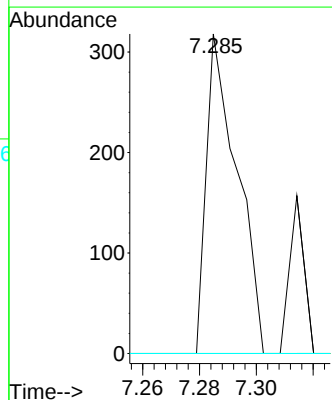
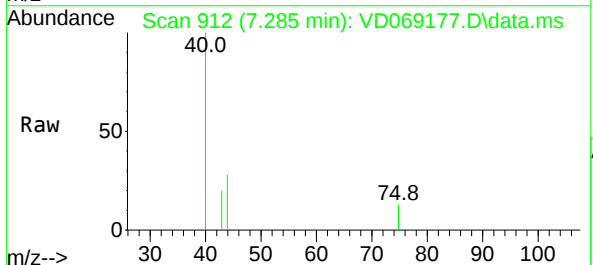
Instrument :  
MSVOA\_D  
ClientSampled :  
VIBLK

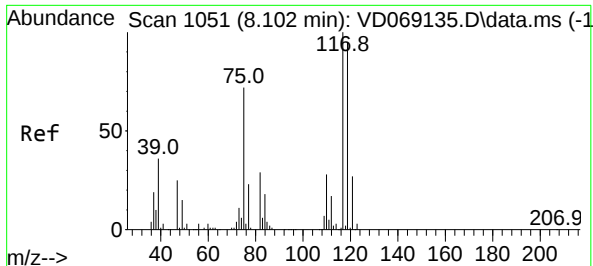
Tgt Ion: 75 Resp: 607  
Ion Ratio Lower Upper  
75 100  
110 0.0 18.8 56.4#  
77 0.0 25.2 37.8#



#37  
Ethyl Acetate  
Concen: 60.04 ug/l  
RT: 7.285 min Scan# 912  
Delta R.T. -0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 43 Resp: 238  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.5 17.3#  
70 0.0 10.4 15.6#

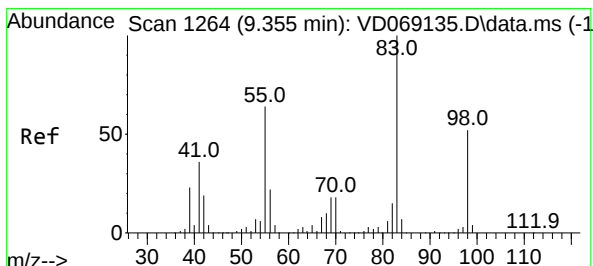
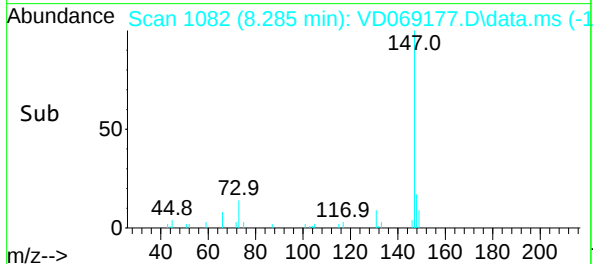
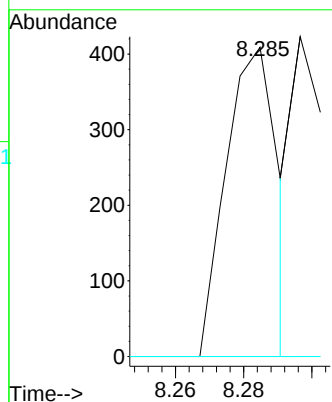
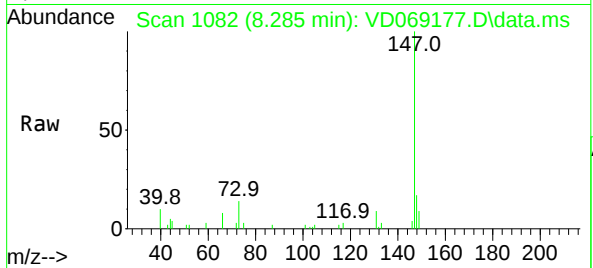




#38  
Carbon Tetrachloride  
Concen: 31.03 ug/l  
RT: 8.285 min Scan# 1082  
Delta R.T. 0.183 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

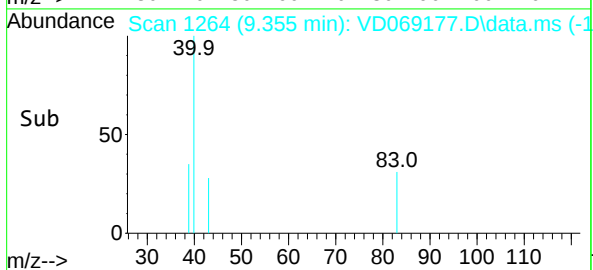
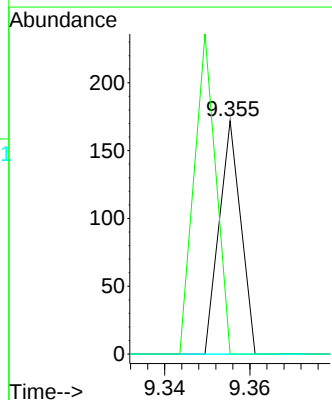
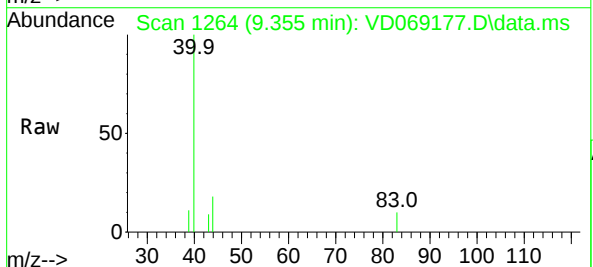
Instrument :  
MSVOA\_D  
ClientSampled :  
VIBLK

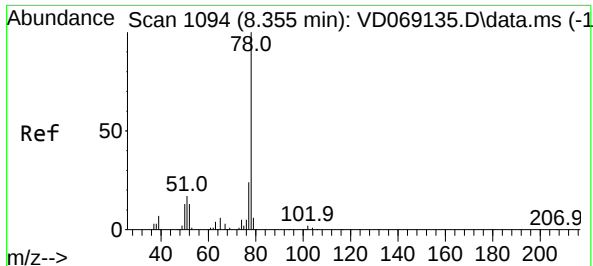
Tgt Ion:117 Resp: 428  
Ion Ratio Lower Upper  
117 100  
119 0.0 76.2 114.2#  
121 0.0 21.9 32.9#



#39  
Methylcyclohexane  
Concen: 4.69 ug/l  
RT: 9.355 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 83 Resp: 61  
Ion Ratio Lower Upper  
83 100  
55 0.0 51.2 76.8#  
98 0.0 41.4 62.2#

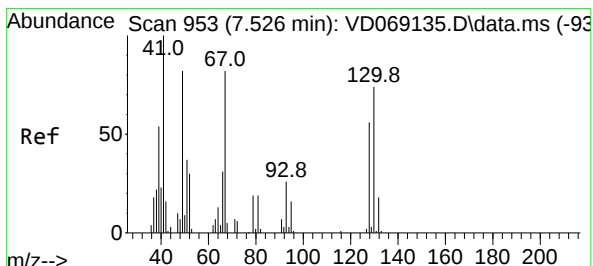
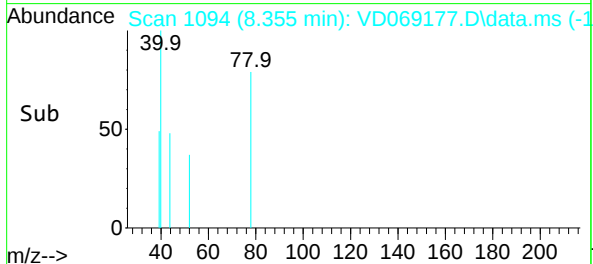
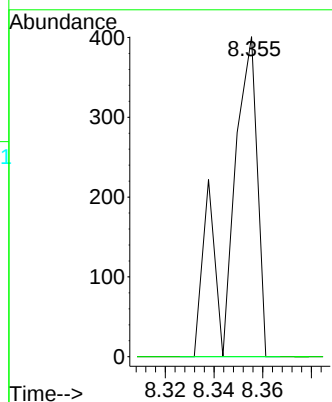
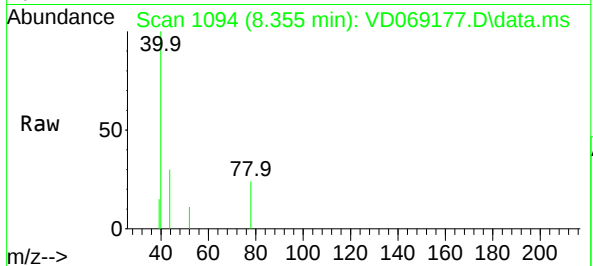




#40  
Benzene  
Concen: 9.03 ug/l  
RT: 8.355 min Scan# 1094  
Delta R.T. 0.000 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

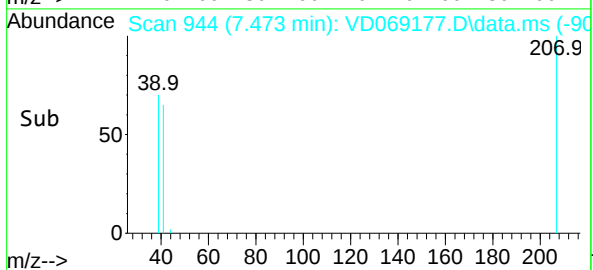
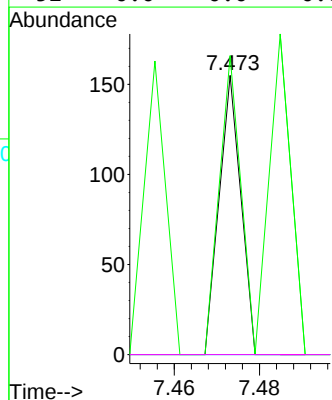
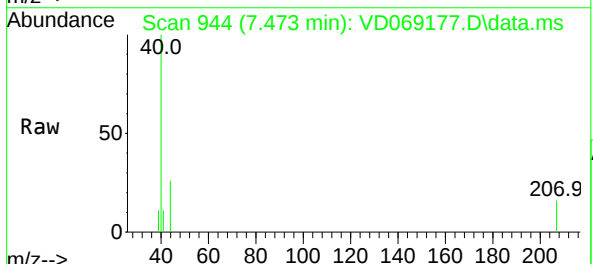
Instrument :  
MSVOA\_D  
ClientSampled :  
VIBLK

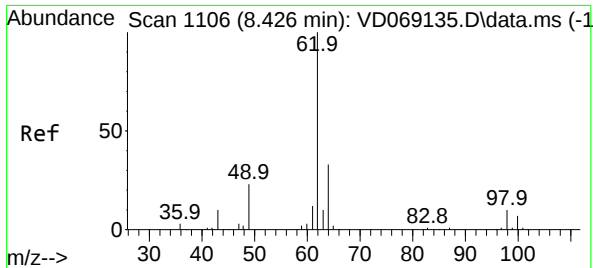
Tgt Ion: 78 Resp: 319  
Ion Ratio Lower Upper  
78 100  
77 0.0 19.1 28.7#



#41  
Methacrylonitrile  
Concen: 26.07 ug/l  
RT: 7.473 min Scan# 944  
Delta R.T. -0.053 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 41 Resp: 55  
Ion Ratio Lower Upper  
41 100  
39 220.0 58.0 87.0#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0

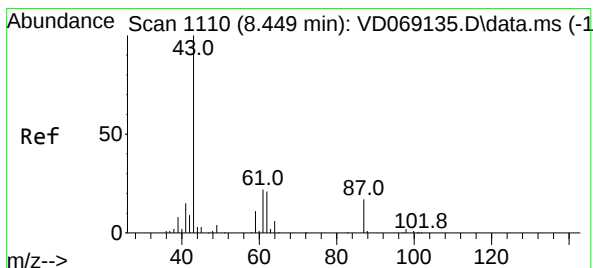
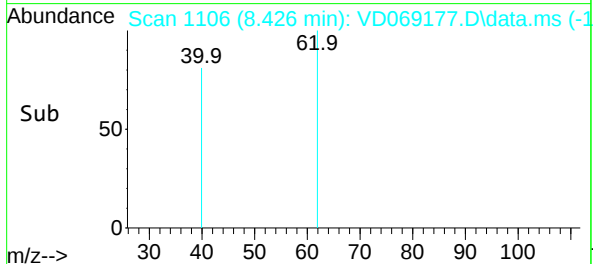
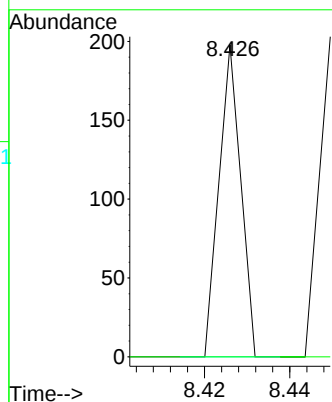
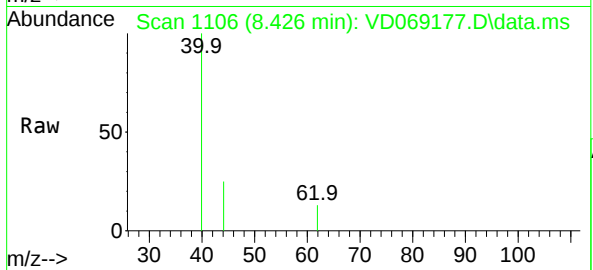




#42  
1,2-Dichloroethane  
Concen: 7.25 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

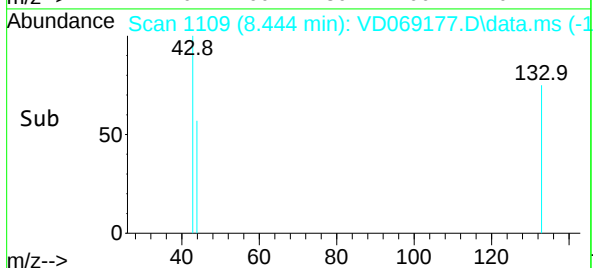
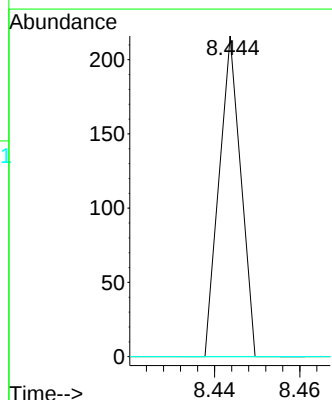
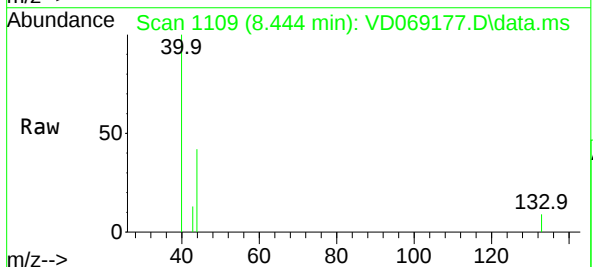
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

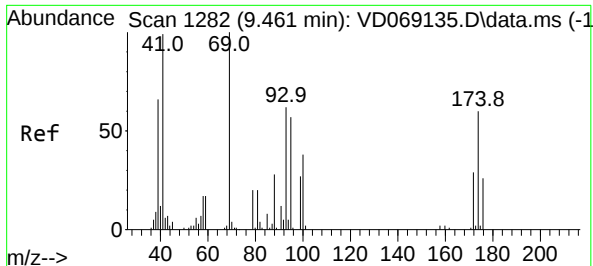
Tgt Ion: 62 Resp: 70  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 20.6



#43  
Isopropyl Acetate  
Concen: 10.56 ug/l  
RT: 8.444 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 43 Resp: 76  
Ion Ratio Lower Upper  
43 100  
61 0.0 28.6 42.8#  
87 0.0 13.8 20.8#





#48

Methyl methacrylate

Concen: 42.96 ug/l

RT: 9.496 min Scan# 1288

Delta R.T. 0.036 min

Lab File: VD069177.D

Acq: 14 May 2021 15:26

Tgt Ion: 41 Resp: 143

Ion Ratio Lower Upper

41 100

69 0.0 88.0 132.0#

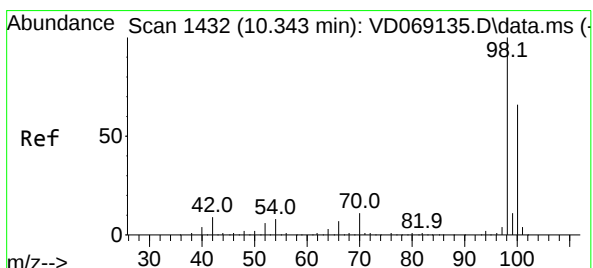
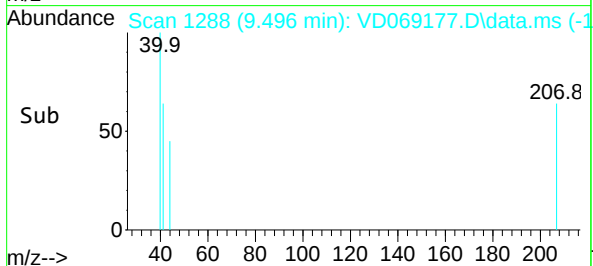
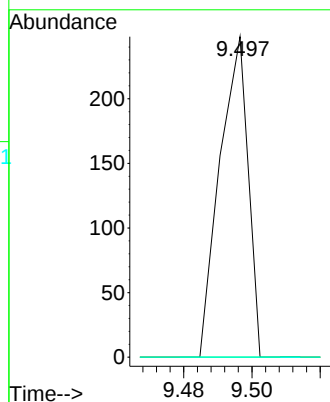
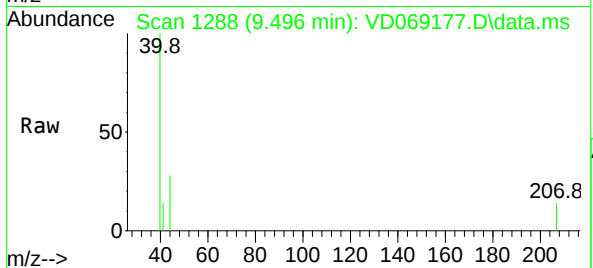
39 0.0 51.4 77.0#

Instrument :

MSVOA\_D

ClientSampleId :

VIBLK



#50

Toluene-d8

Concen: 44.65 ug/l

RT: 10.349 min Scan# 1433

Delta R.T. 0.006 min

Lab File: VD069177.D

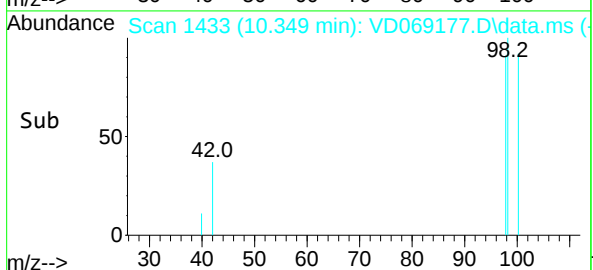
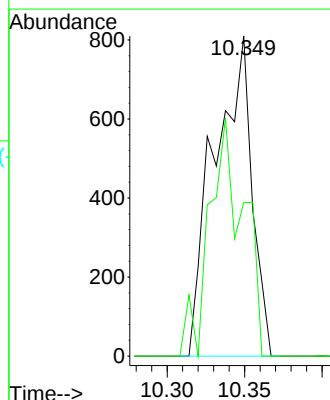
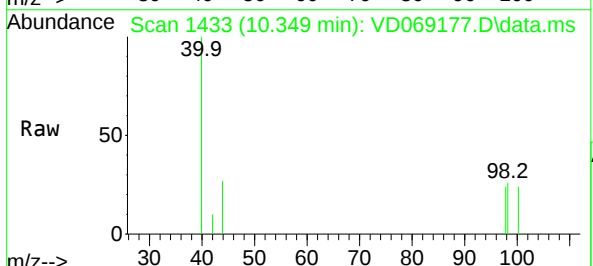
Acq: 14 May 2021 15:26

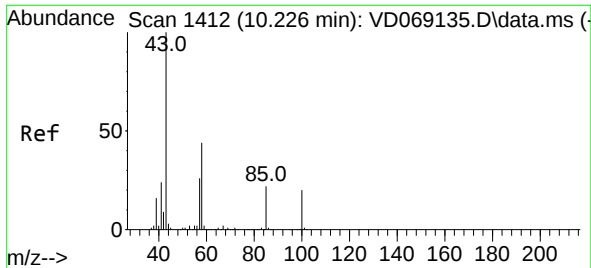
Tgt Ion: 98 Resp: 1355

Ion Ratio Lower Upper

98 100

100 68.1 51.8 77.8

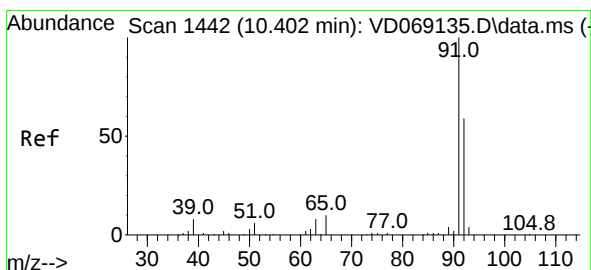
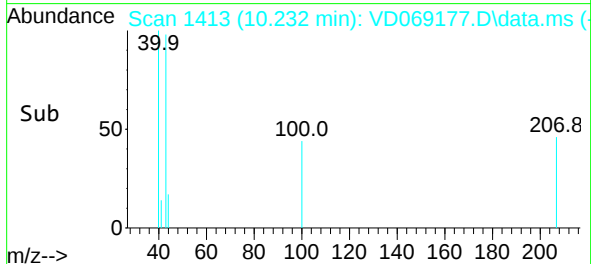
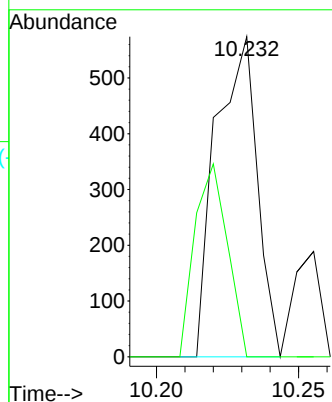
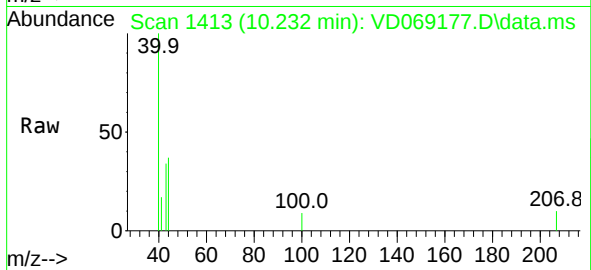




#51  
4-Methyl-2-Pentanone  
Concen: 156.34 ug/l  
RT: 10.232 min Scan# 1413  
Delta R.T. 0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

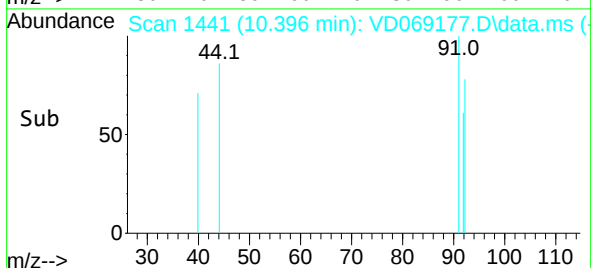
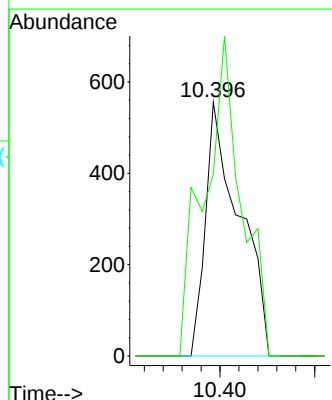
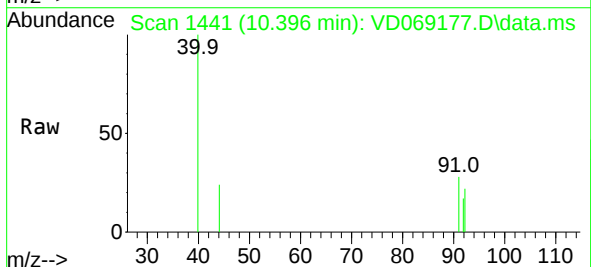
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

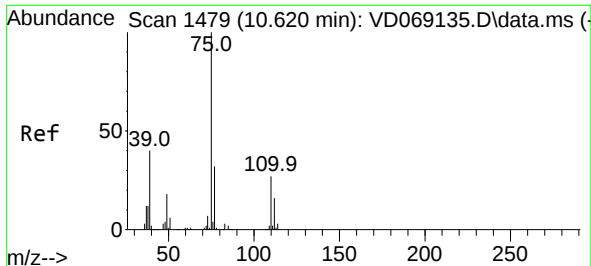
Tgt Ion: 43 Resp: 579  
Ion Ratio Lower Upper  
43 100  
58 47.7 35.0 52.4



#52  
Toluene  
Concen: 30.34 ug/l  
RT: 10.396 min Scan# 1441  
Delta R.T. -0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 92 Resp: 692  
Ion Ratio Lower Upper  
92 100  
91 138.0 136.2 204.2

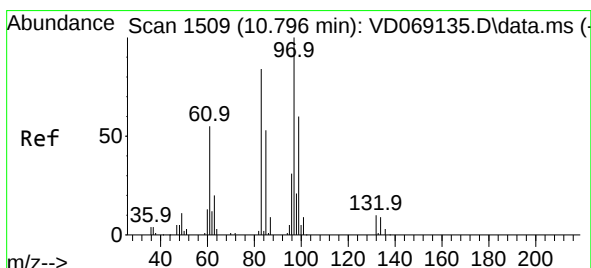
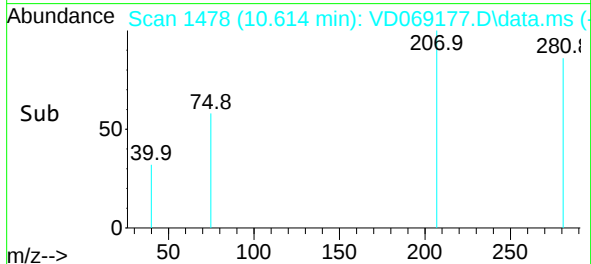
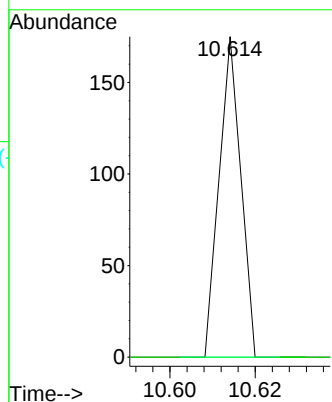
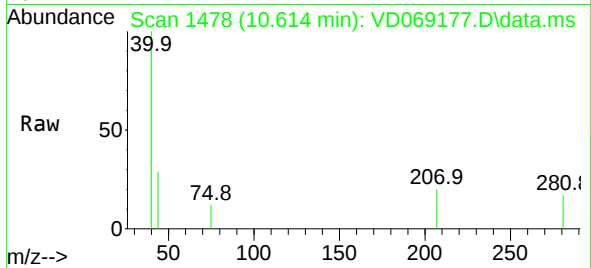




#53  
t-1,3-Dichloropropene  
Concen: 5.56 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. -0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

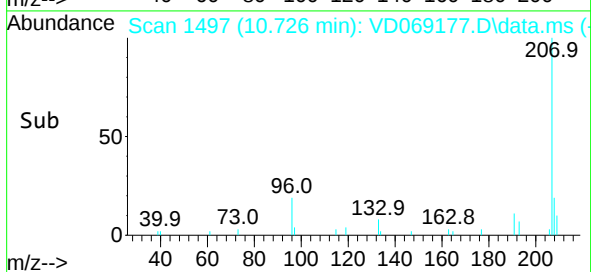
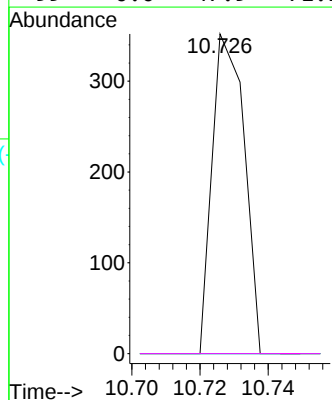
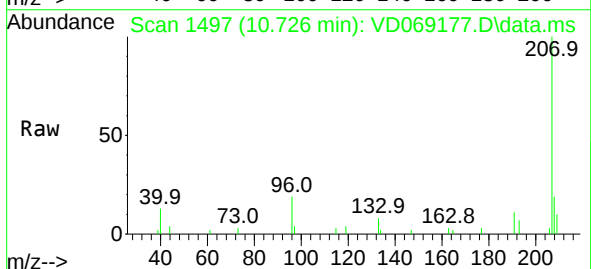
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

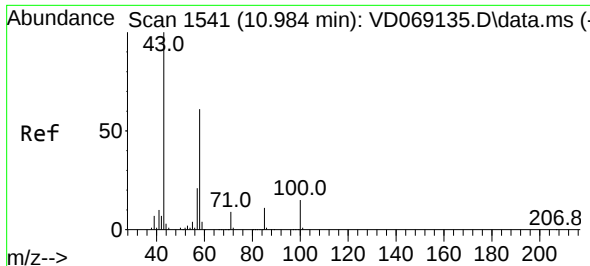
Tgt Ion: 75 Resp: 62  
Ion Ratio Lower Upper  
75 100  
77 0.0 26.0 39.0#



#55  
1,1,2-Trichloroethane  
Concen: 34.22 ug/l  
RT: 10.726 min Scan# 1497  
Delta R.T. -0.070 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 97 Resp: 230  
Ion Ratio Lower Upper  
97 100  
83 0.0 66.9 100.3#  
85 0.0 42.2 63.4#  
99 0.0 47.9 71.9#

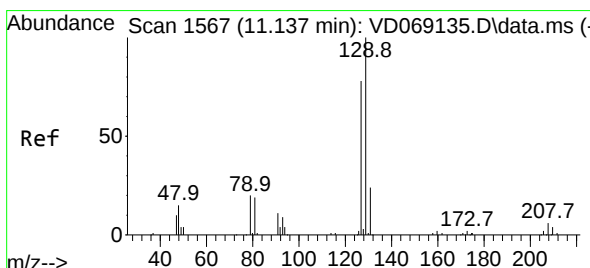
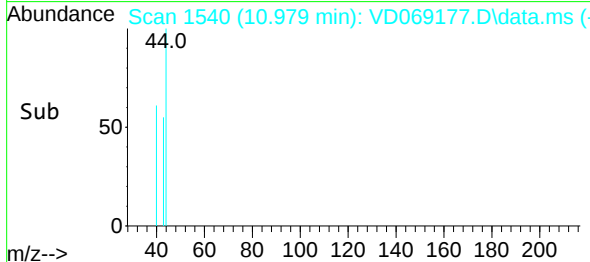
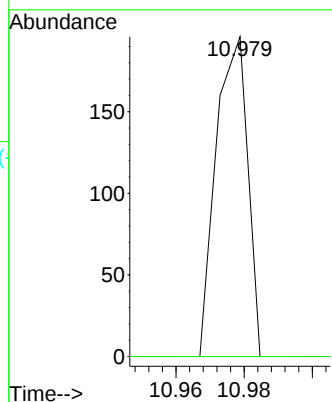
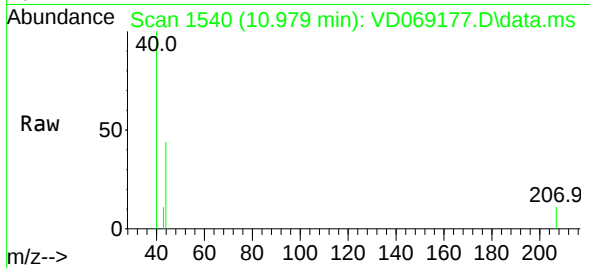




#59  
2-Hexanone  
Concen: 50.99 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

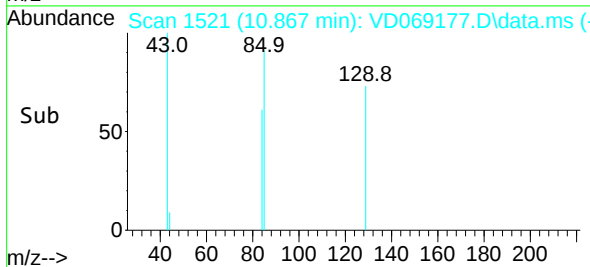
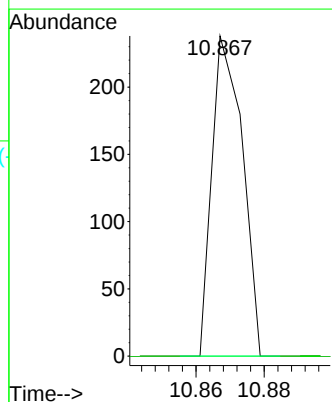
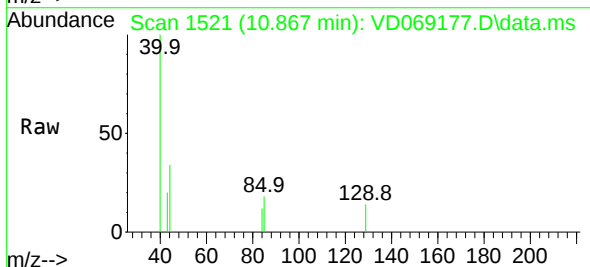
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

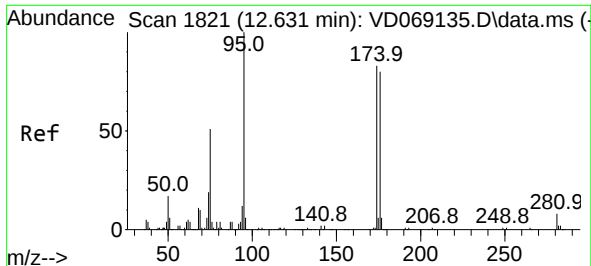
Tgt Ion: 43 Resp: 126  
Ion Ratio Lower Upper  
43 100  
58 0.0 31.1 93.5#



#60  
Dibromochloromethane  
Concen: 17.15 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. -0.270 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion:129 Resp: 148  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.5 115.5#

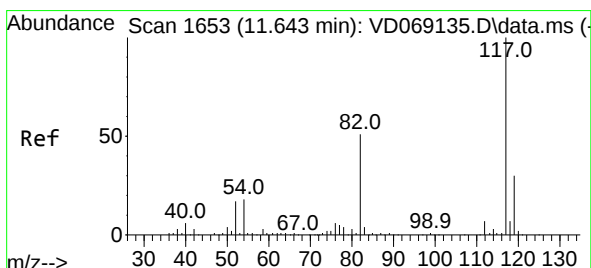
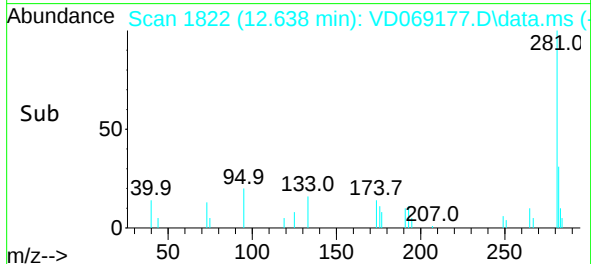
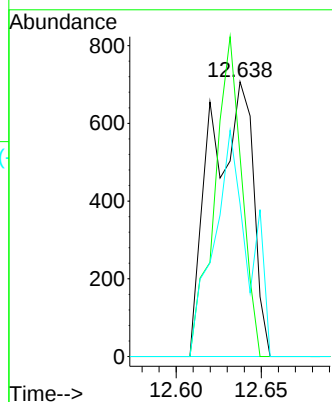
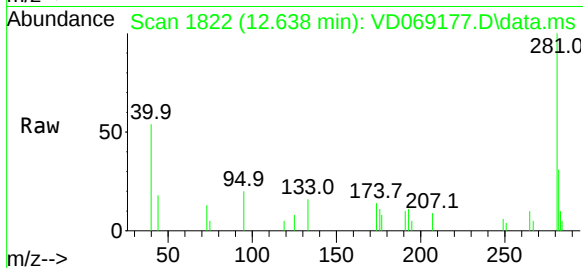




#62  
4-Bromofluorobenzene  
Concen: 124.03 ug/l  
RT: 12.638 min Scan# 1822  
Delta R.T. 0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

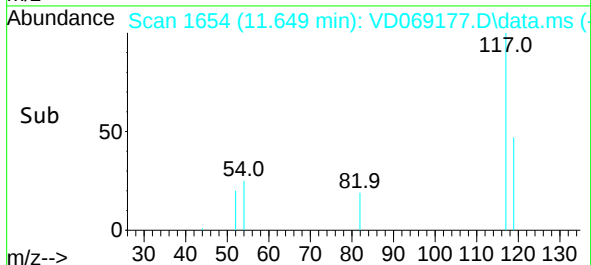
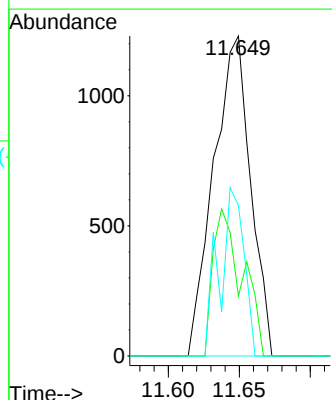
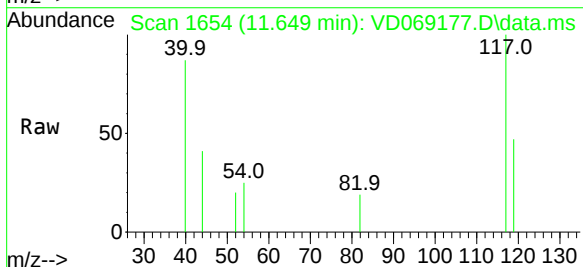
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

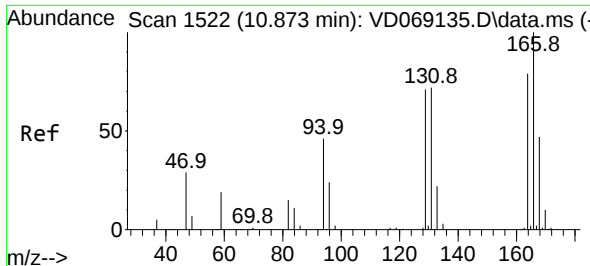
Tgt Ion: 95 Resp: 1211  
Ion Ratio Lower Upper  
95 100  
174 75.5 0.0 171.8  
176 67.6 0.0 165.4



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.649 min Scan# 1654  
Delta R.T. 0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 117 Resp: 2222  
Ion Ratio Lower Upper  
117 100  
82 18.7 40.5 60.7#  
119 47.0 24.2 36.4#

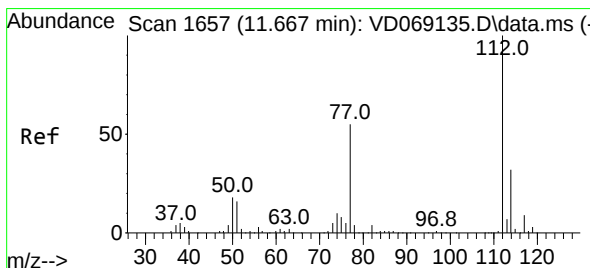
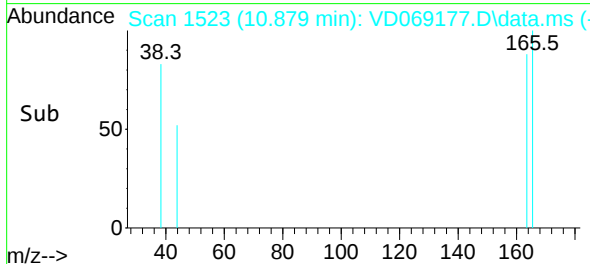
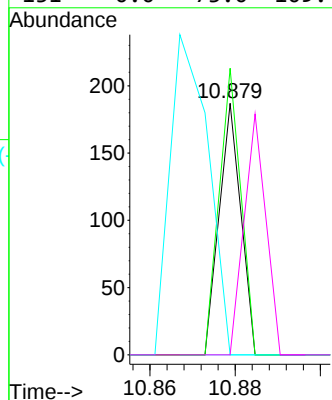
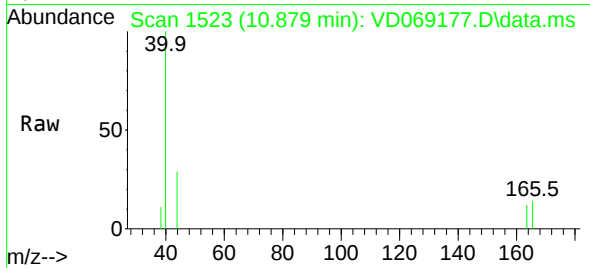




#64  
Tetrachloroethene  
Concen: 4.27 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. 0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

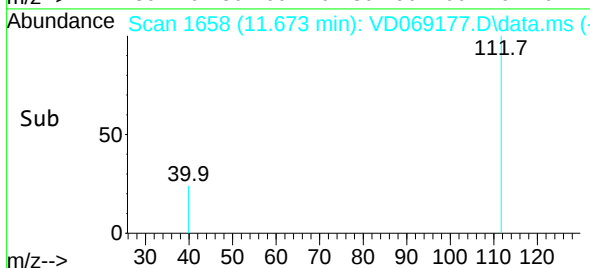
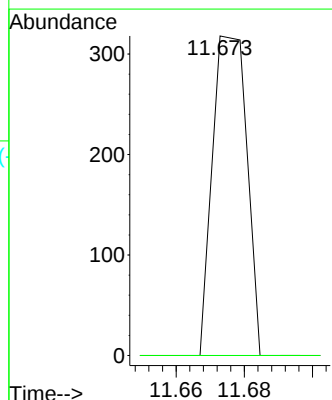
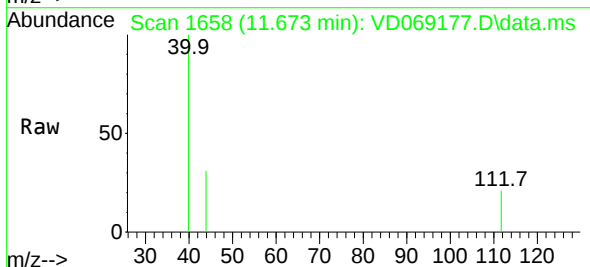
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

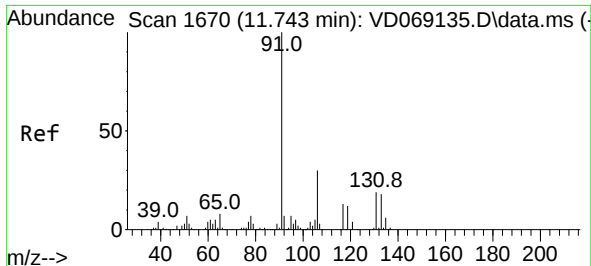
Tgt Ion:164 Resp: 66  
Ion Ratio Lower Upper  
164 100  
166 113.9 101.7 152.5  
129 0.0 72.6 109.0#  
131 0.0 73.0 109.4#



#65  
Chlorobenzene  
Concen: 4.84 ug/l  
RT: 11.673 min Scan# 1658  
Delta R.T. 0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion:112 Resp: 223  
Ion Ratio Lower Upper  
112 100  
114 0.0 25.8 38.6#

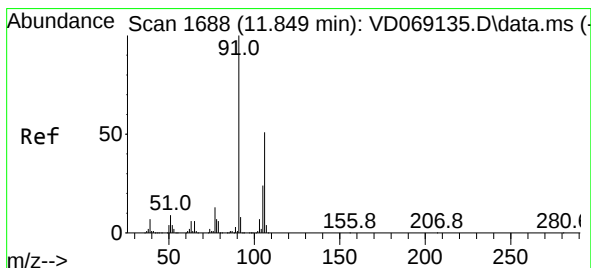
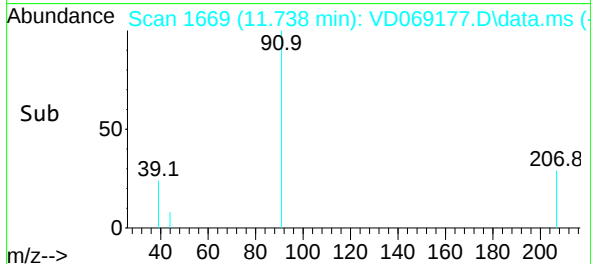
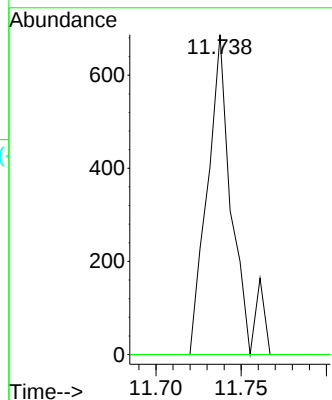
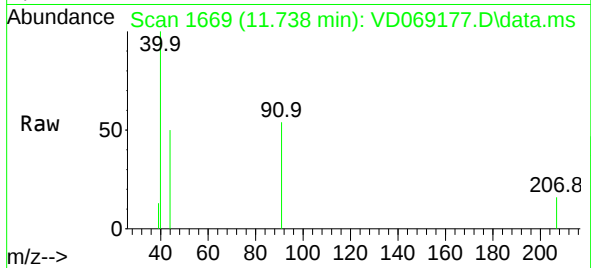




#67  
Ethyl Benzene  
Concen: 8.86 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

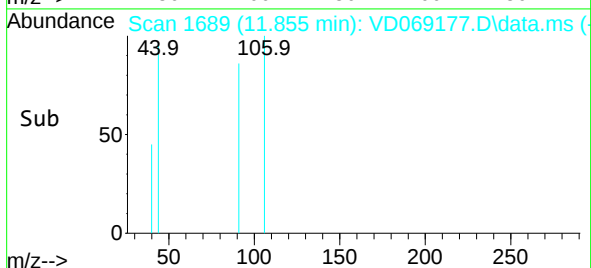
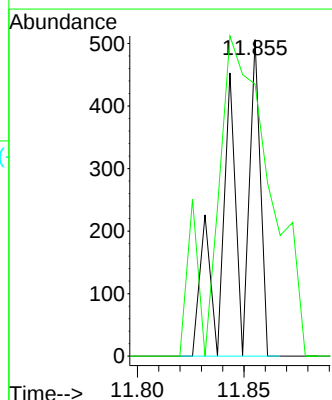
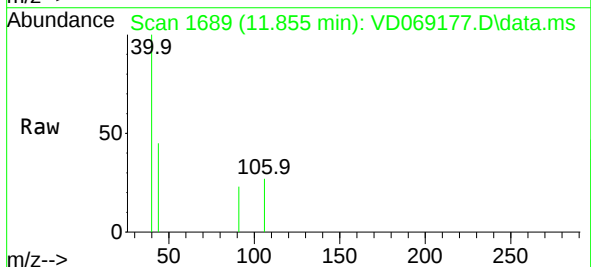
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

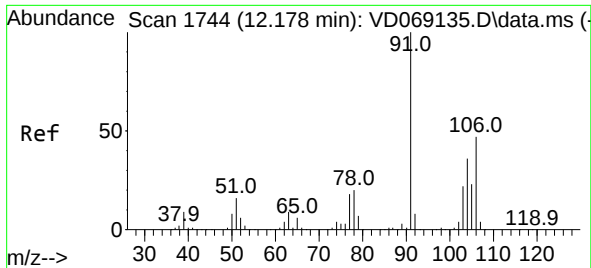
Tgt Ion: 91 Resp: 702  
Ion Ratio Lower Upper  
91 100  
106 0.0 24.0 36.0#



#68  
m/p-Xylenes  
Concen: 13.46 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. 0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 106 Resp: 418  
Ion Ratio Lower Upper  
106 100  
91 217.0 157.3 235.9

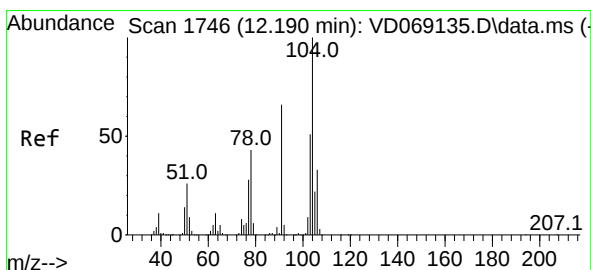
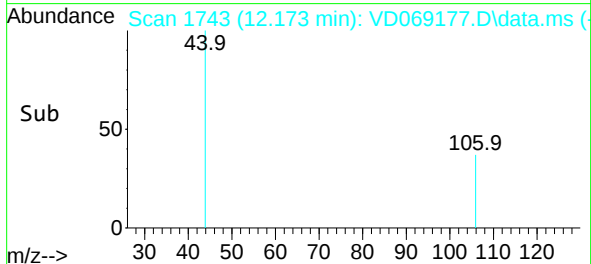
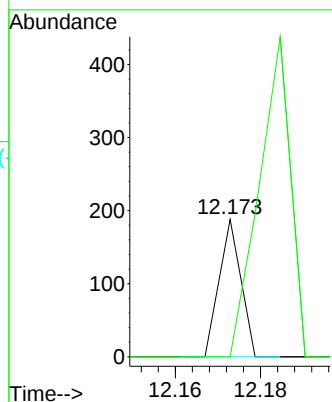
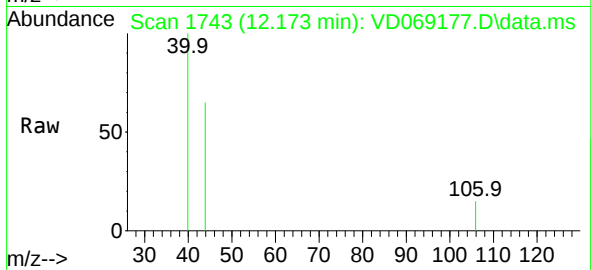




#69  
o-Xylene  
Concen: 2.39 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

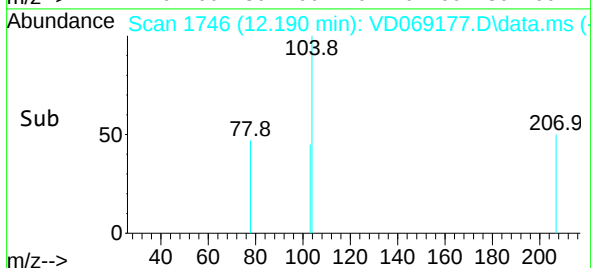
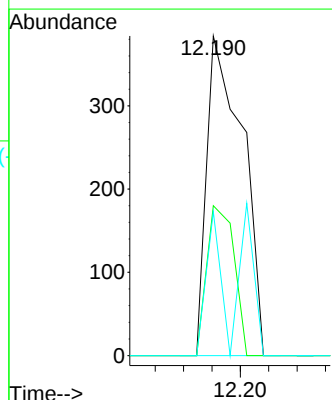
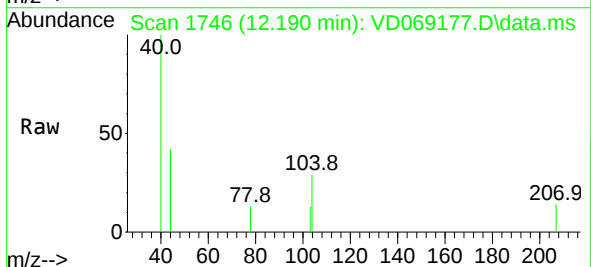
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

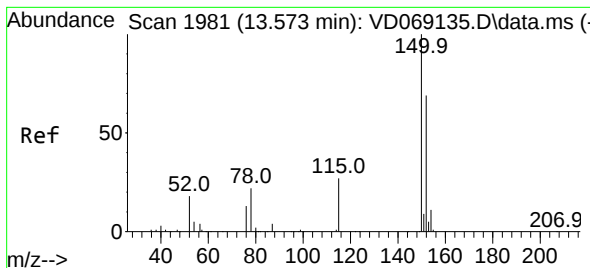
Tgt Ion:106 Resp: 66  
Ion Ratio Lower Upper  
106 100  
91 337.9 104.8 314.6#



#70  
Styrene  
Concen: 6.95 ug/l  
RT: 12.190 min Scan# 1746  
Delta R.T. 0.000 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion:104 Resp: 335  
Ion Ratio Lower Upper  
104 100  
78 35.8 37.8 56.6#  
103 37.6 44.8 67.2#

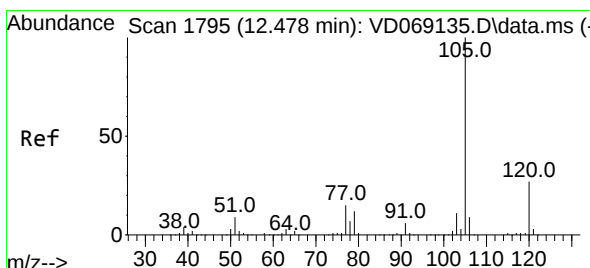
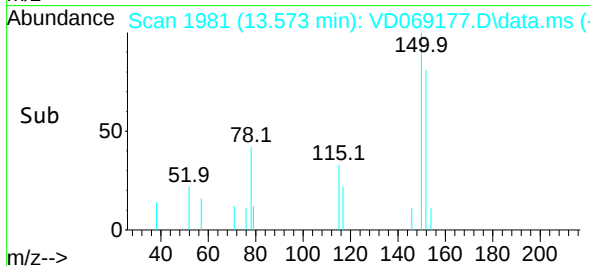
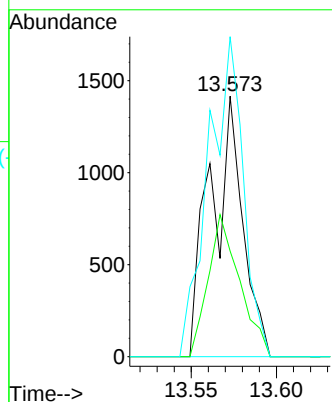
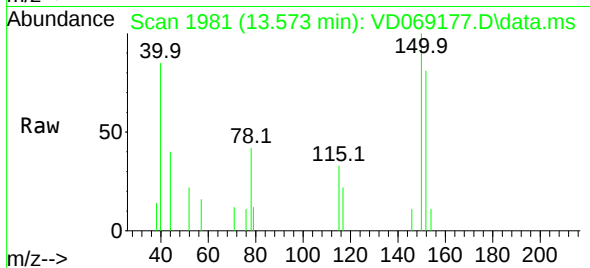




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. 0.000 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

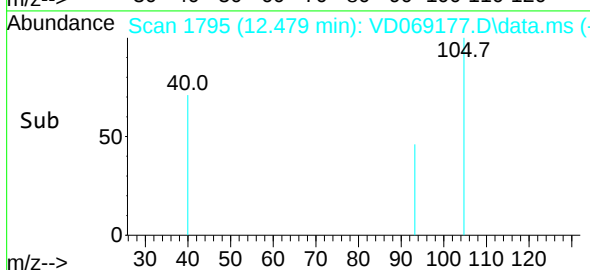
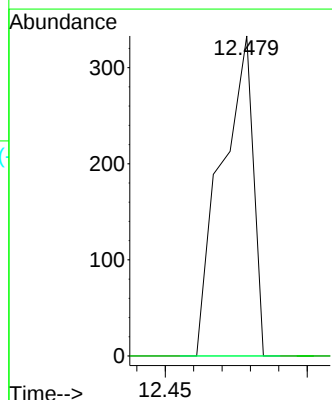
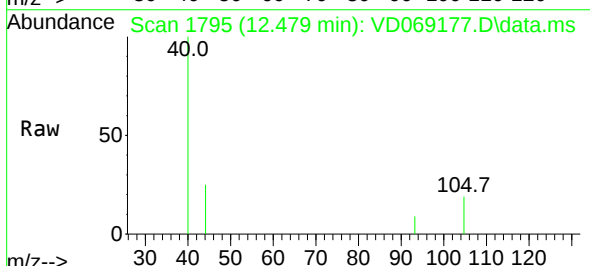
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

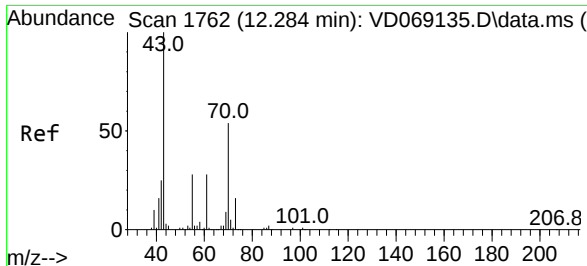
Tgt Ion:152 Resp: 1865  
Ion Ratio Lower Upper  
152 100  
115 53.0 29.9 89.8  
150 131.8 0.0 350.2



#73  
Isopropylbenzene  
Concen: 1.99 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

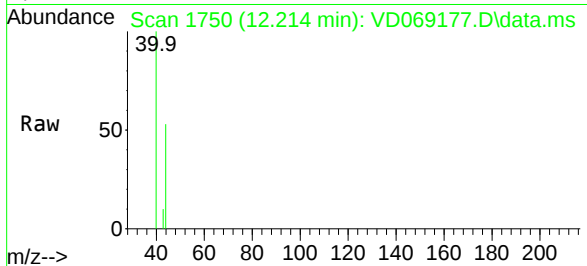
Tgt Ion:105 Resp: 259  
Ion Ratio Lower Upper  
105 100  
120 0.0 13.4 40.2#



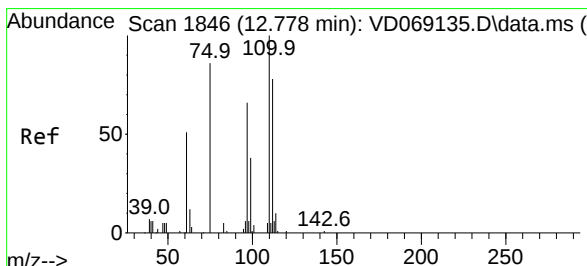
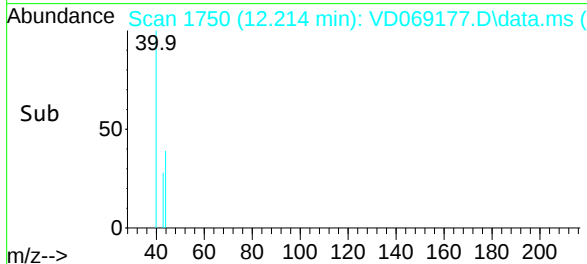
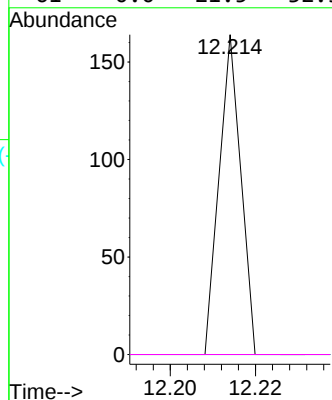


#74  
N-amy1 acetate  
Concen: 2.72 ug/l  
RT: 12.214 min Scan# 1750  
Delta R.T. -0.070 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

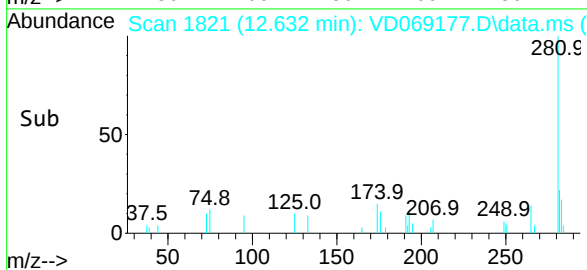
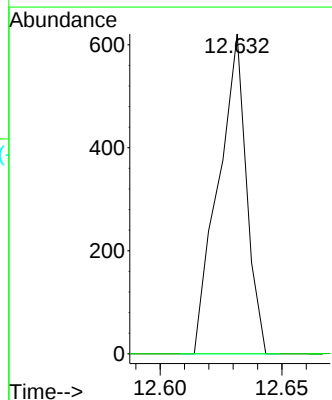
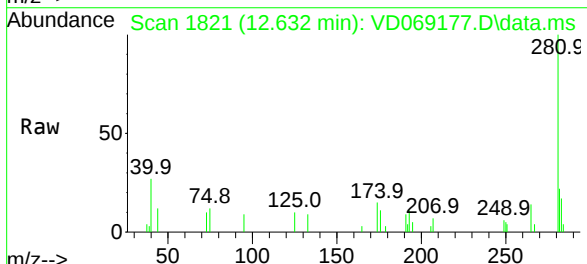


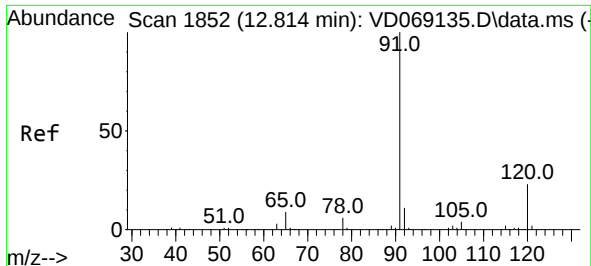
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 58    |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 0.0      | 41.6 62.4#  |
| 55 0.0      | 22.6 34.0#  |
| 61 0.0      | 21.5 32.3#  |



#76  
1,2,3-Trichloropropane  
Concen: 35.52 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. -0.147 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 498   |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 0.0      | 0.0 0.0     |

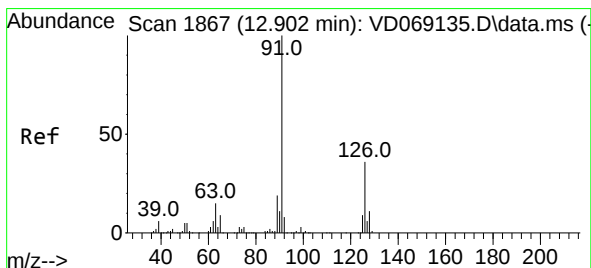
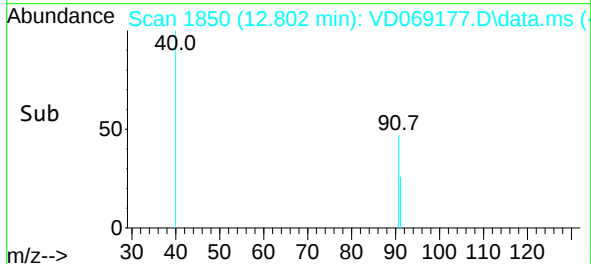
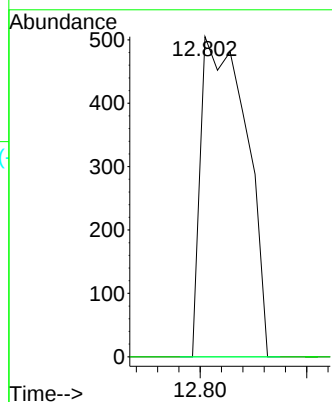
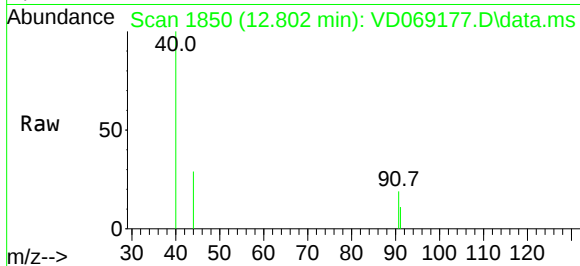




#78  
n-propylbenzene  
Concen: 4.74 ug/l  
RT: 12.802 min Scan# 1850  
Delta R.T. -0.011 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

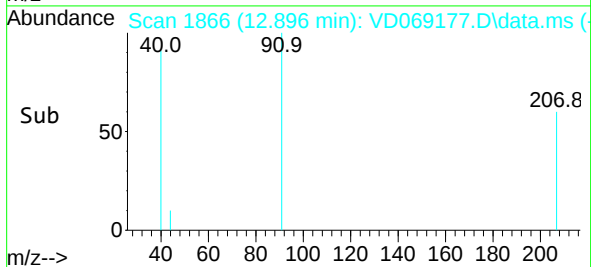
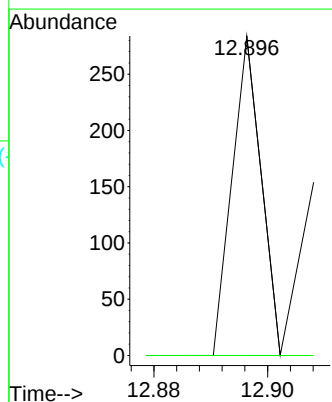
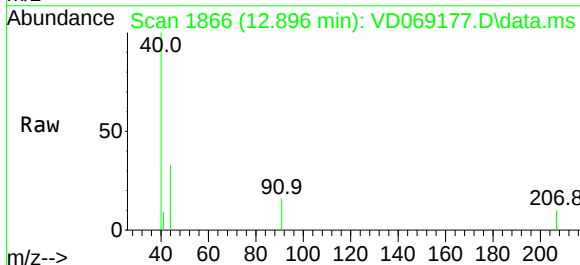
Instrument :  
MSVOA\_D  
ClientSampled :  
VIBLK

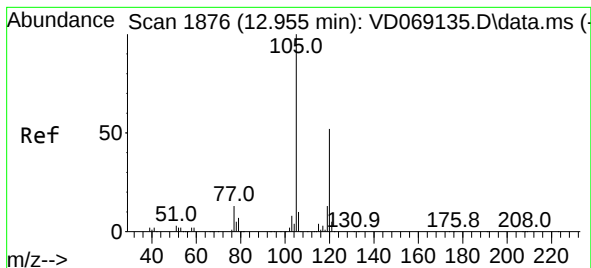
Tgt Ion: 91 Resp: 746  
Ion Ratio Lower Upper  
91 100  
120 0.0 11.6 34.7#



#79  
2-Chlorotoluene  
Concen: 1.14 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 91 Resp: 100  
Ion Ratio Lower Upper  
91 100  
126 0.0 18.1 54.1#

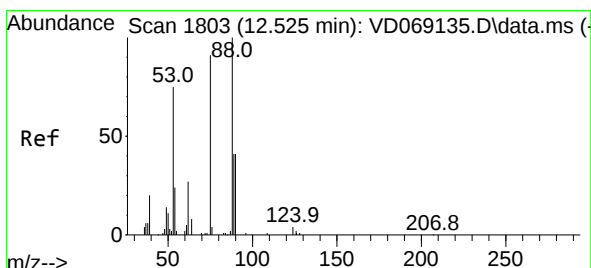
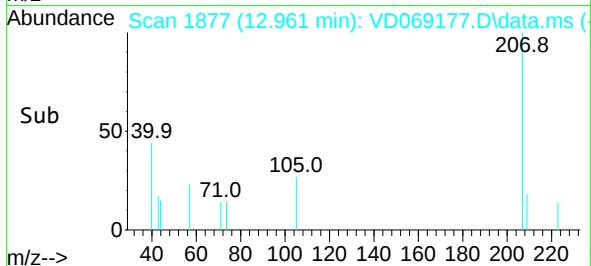
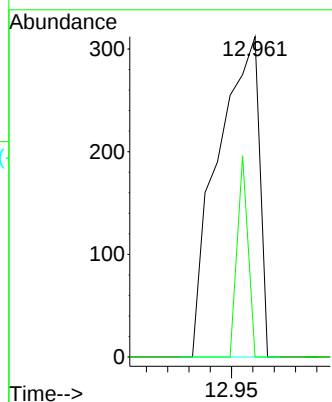
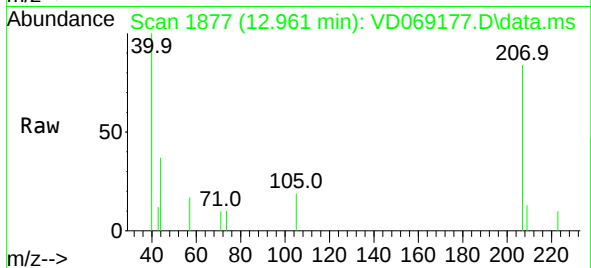




#80  
1,3,5-Trimethylbenzene  
Concen: 3.92 ug/l  
RT: 12.961 min Scan# 1877  
Delta R.T. 0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

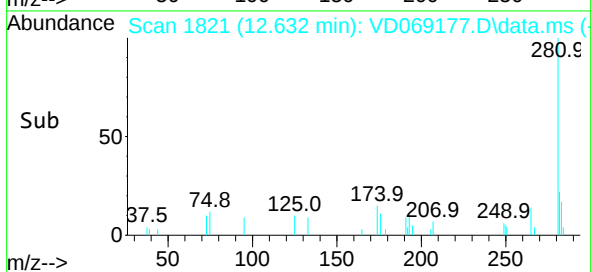
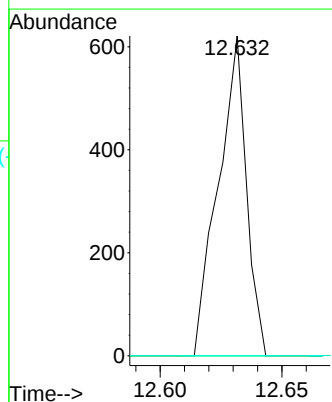
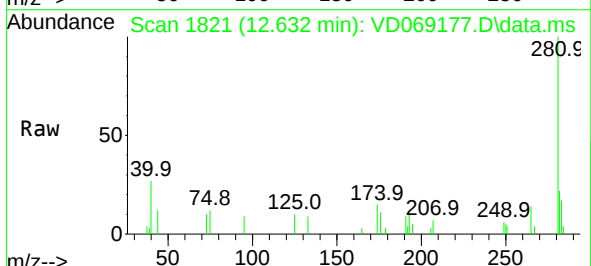
Instrument :  
MSVOA\_D  
ClientSampled :  
VIBLK

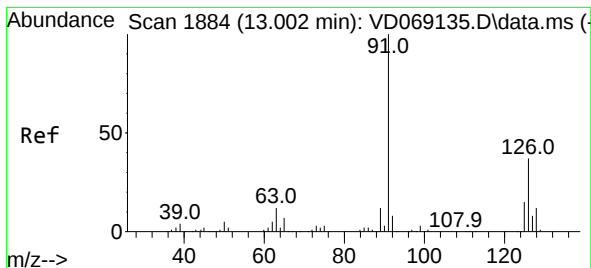
Tgt Ion:105 Resp: 421  
Ion Ratio Lower Upper  
105 100  
120 16.4 25.3 75.8#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 71.75 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.106 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 75 Resp: 498  
Ion Ratio Lower Upper  
75 100  
53 0.0 70.0 105.0#  
89 0.0 40.2 60.2#

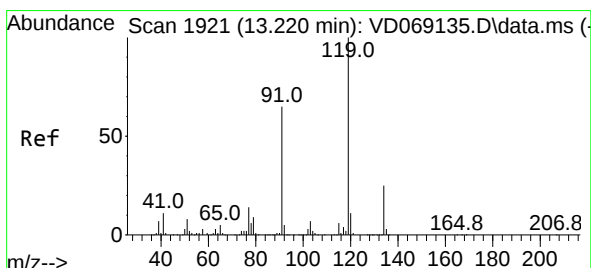
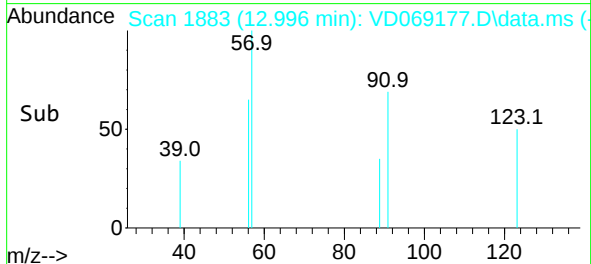
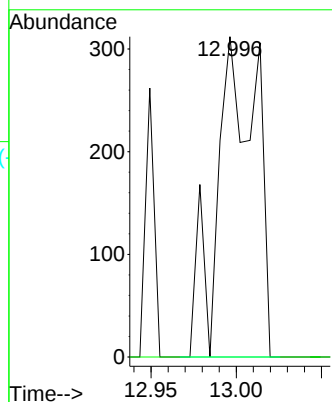
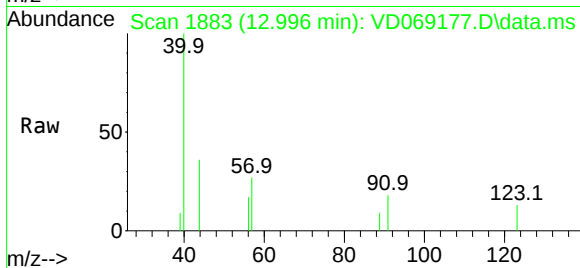




#82  
4-Chlorotoluene  
Concen: 5.36 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

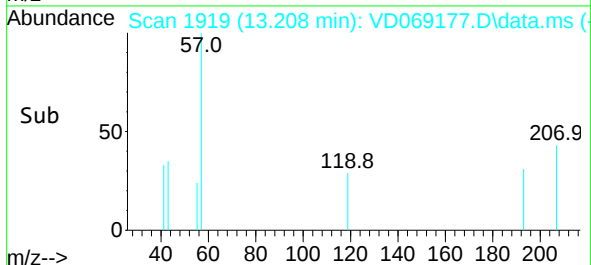
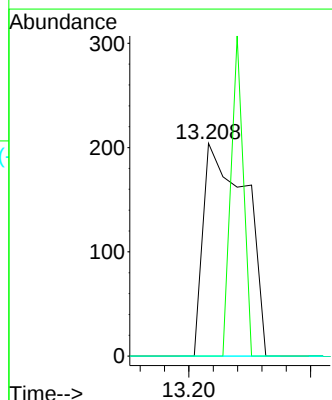
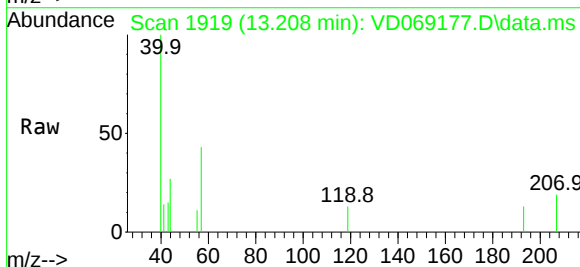
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

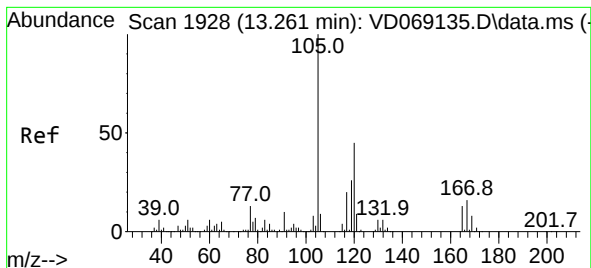
Tgt Ion: 91 Resp: 500  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.7 53.1#



#83  
tert-Butylbenzene  
Concen: 2.77 ug/l  
RT: 13.208 min Scan# 1919  
Delta R.T. -0.012 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 119 Resp: 248  
Ion Ratio Lower Upper  
119 100  
91 43.5 32.5 97.4  
134 0.0 13.8 41.3#





#84

1,2,4-Trimethylbenzene

Concen: 4.99 ug/l

RT: 13.273 min Scan# 1930

Delta R.T. 0.012 min

Lab File: VD069177.D

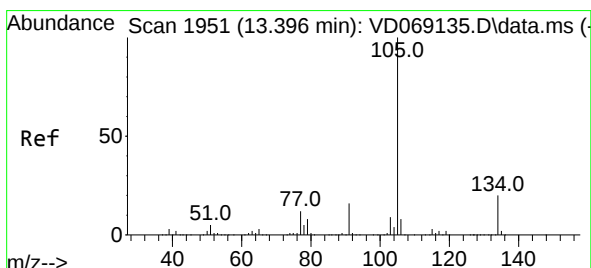
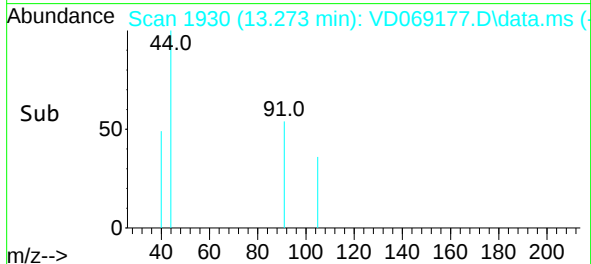
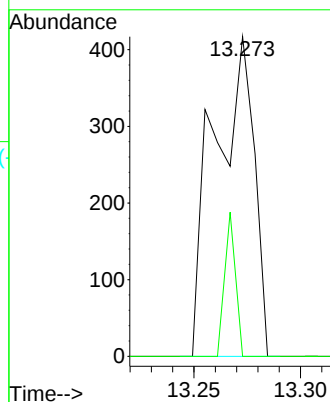
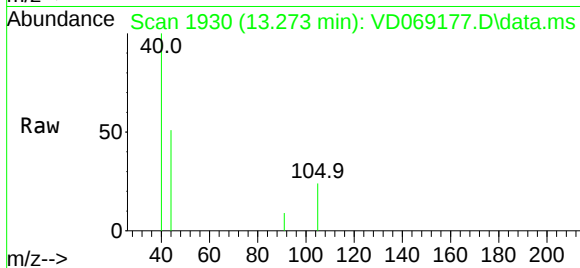
Acq: 14 May 2021 15:26

Tgt Ion:105 Resp: 540

Ion Ratio Lower Upper

105 100

120 12.2 22.8 68.4#



#85

sec-Butylbenzene

Concen: 3.23 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VD069177.D

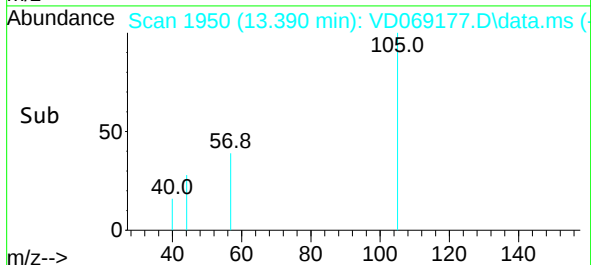
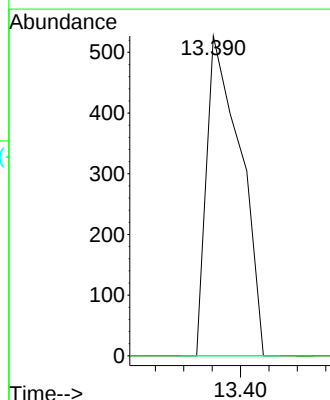
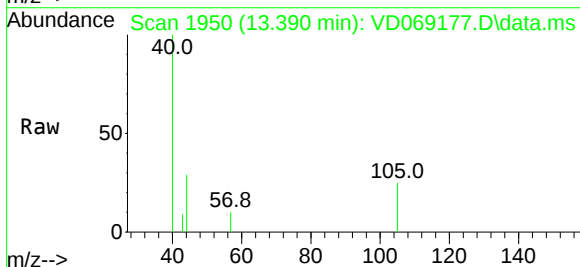
Acq: 14 May 2021 15:26

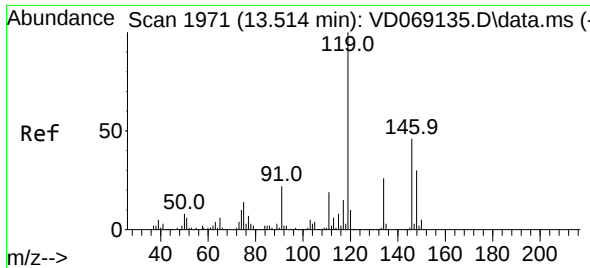
Tgt Ion:105 Resp: 435

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.8#

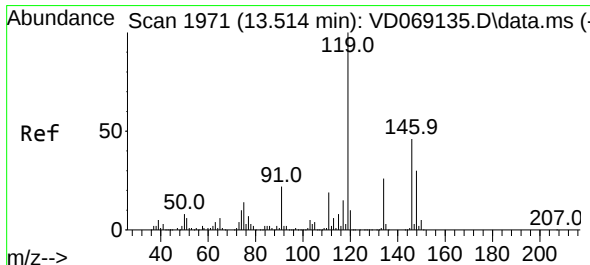
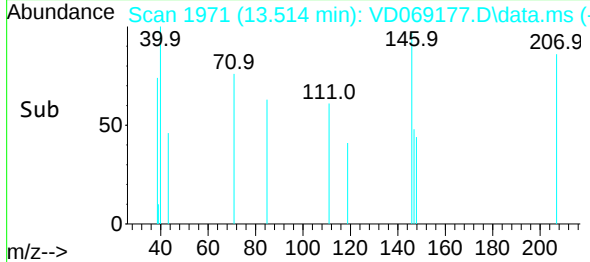
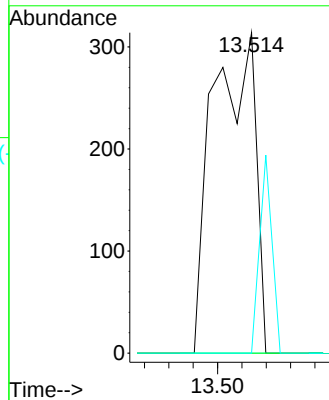
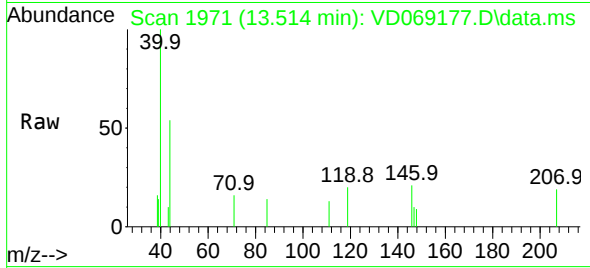




#86  
p-Isopropyltoluene  
Concen: 3.20 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

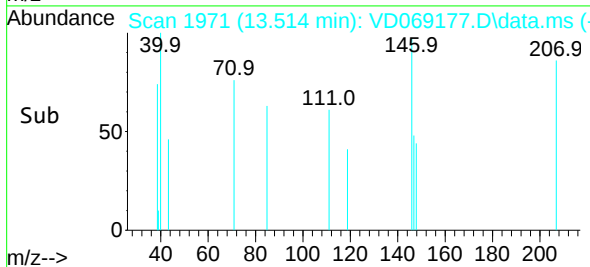
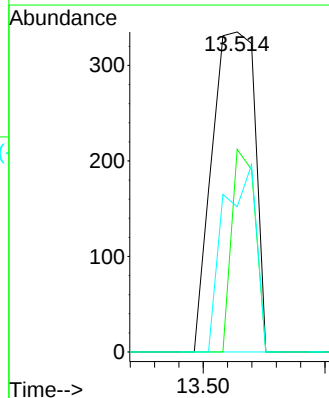
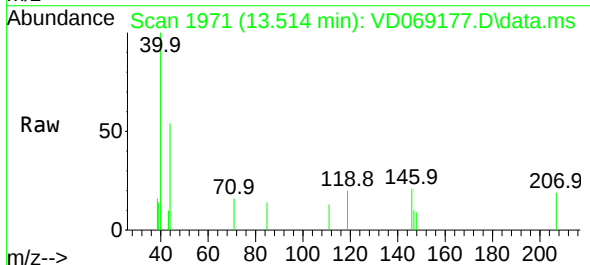
Instrument :  
MSVOA\_D  
ClientSampled :  
VIBLK

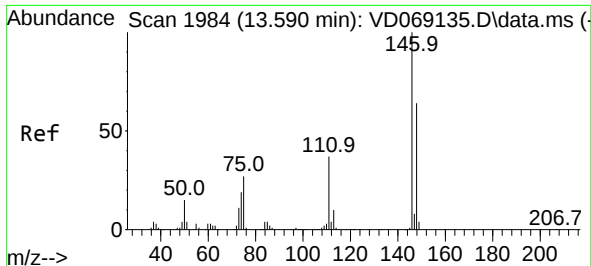
Tgt Ion:119 Resp: 379  
Ion Ratio Lower Upper  
119 100  
134 0.0 13.2 39.5#  
91 17.9 11.3 33.9



#87  
1,3-Dichlorobenzene  
Concen: 6.53 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion:146 Resp: 409  
Ion Ratio Lower Upper  
146 100  
111 34.7 19.9 59.6  
148 44.3 31.6 94.8

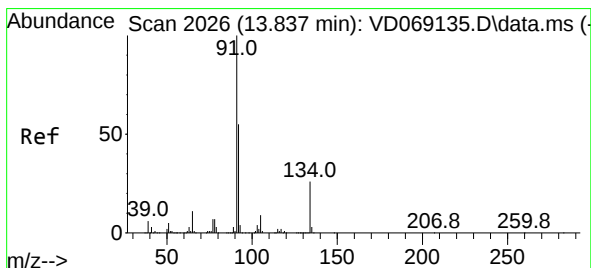
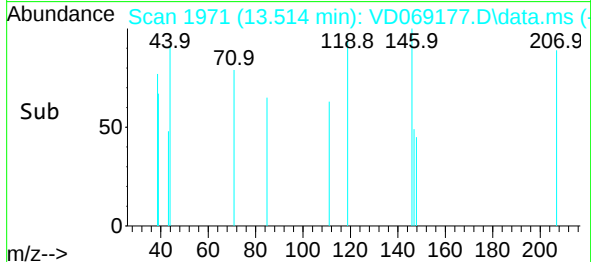
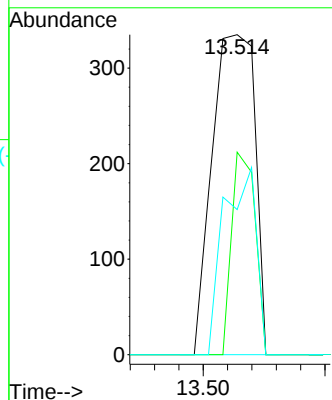
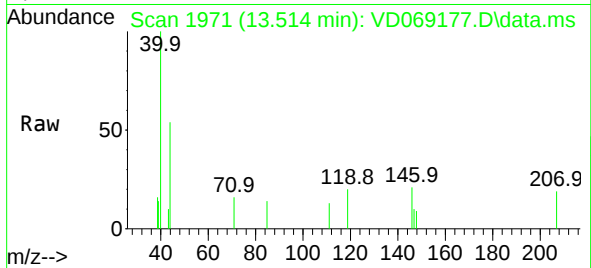




#88  
1,4-Dichlorobenzene  
Concen: 6.60 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. -0.076 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

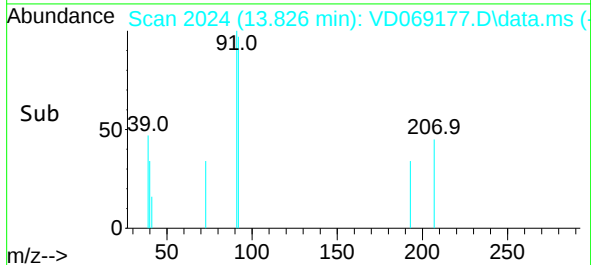
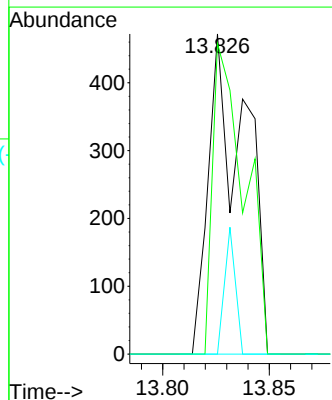
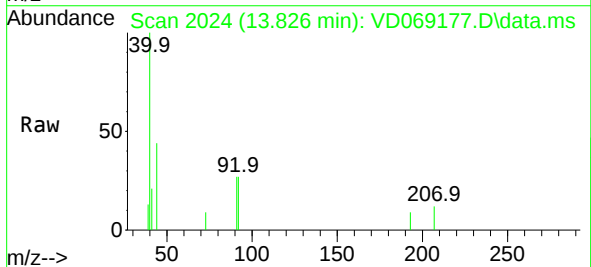
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

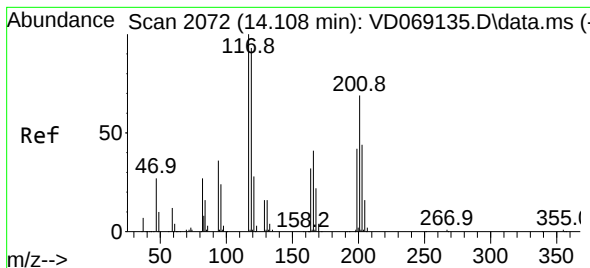
Tgt Ion:146 Resp: 409  
Ion Ratio Lower Upper  
146 100  
111 34.7 19.4 58.2  
148 44.3 32.4 97.0



#89  
n-Butylbenzene  
Concen: 5.09 ug/l  
RT: 13.826 min Scan# 2024  
Delta R.T. -0.012 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion: 91 Resp: 561  
Ion Ratio Lower Upper  
91 100  
92 84.5 26.5 79.5#  
134 11.8 13.0 39.0#

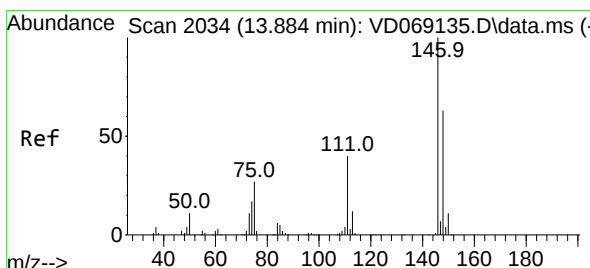
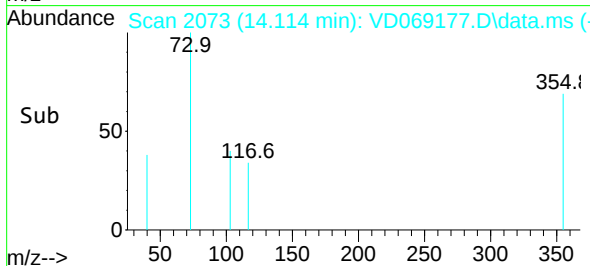
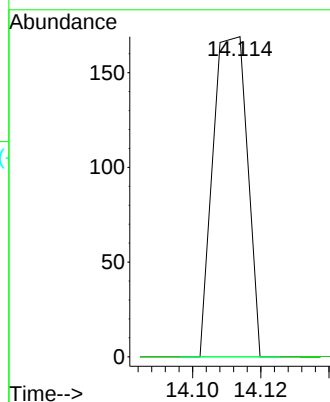
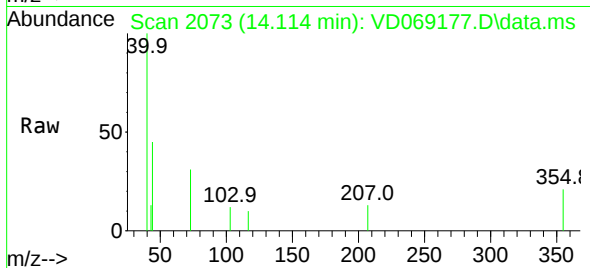




#90  
Hexachloroethane  
Concen: 5.32 ug/l  
RT: 14.114 min Scan# 2073  
Delta R.T. 0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

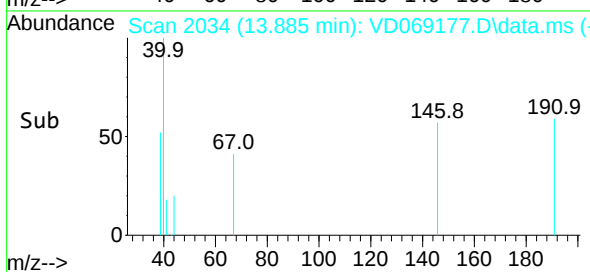
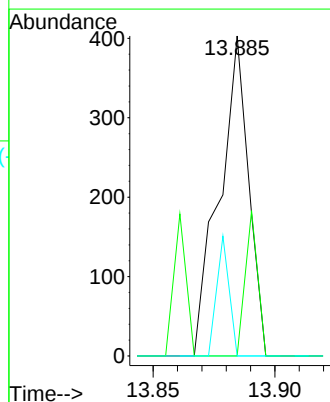
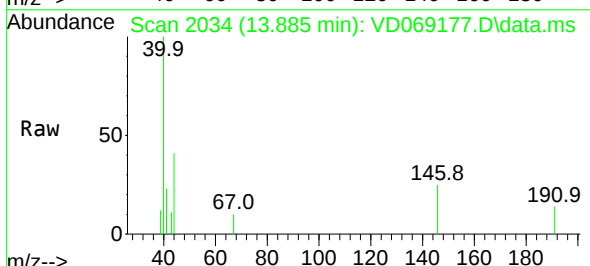
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

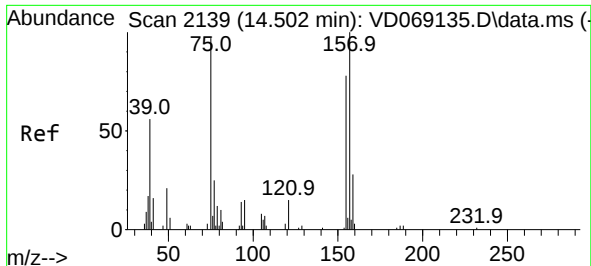
Tgt Ion:117 Resp: 118  
Ion Ratio Lower Upper  
117 100  
201 0.0 35.4 106.1#



#91  
1,2-Dichlorobenzene  
Concen: 6.27 ug/l  
RT: 13.885 min Scan# 2034  
Delta R.T. 0.000 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Tgt Ion:146 Resp: 337  
Ion Ratio Lower Upper  
146 100  
111 19.3 20.3 61.0#  
148 15.7 31.3 93.8#

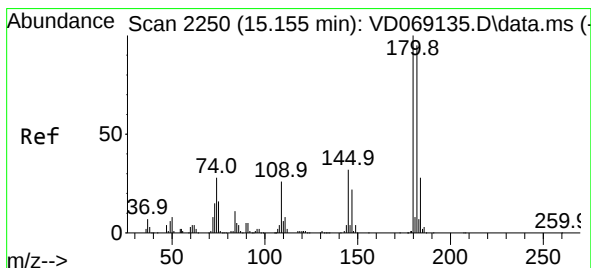
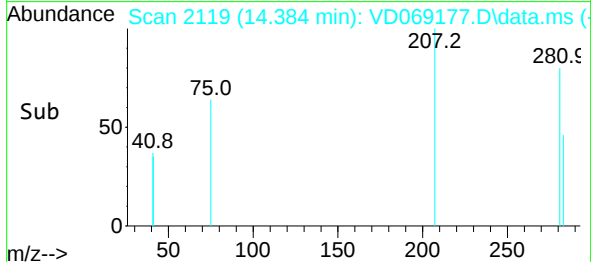
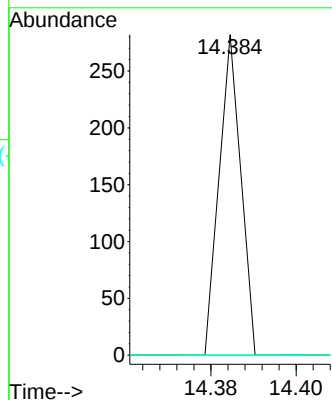
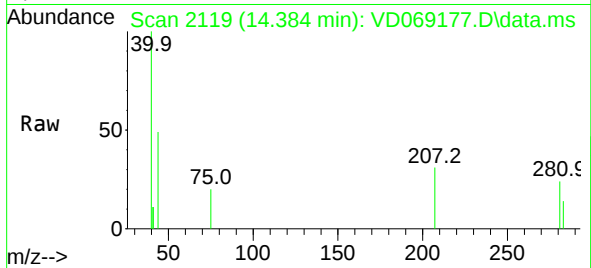




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 27.28 ug/l  
RT: 14.384 min Scan# 2119  
Delta R.T. -0.117 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

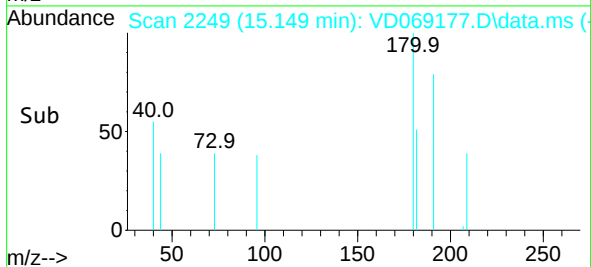
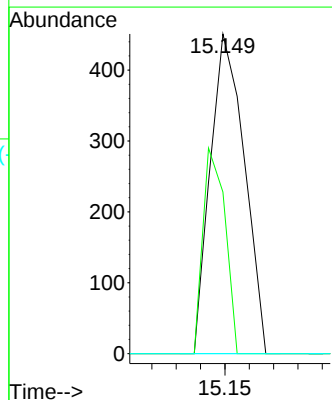
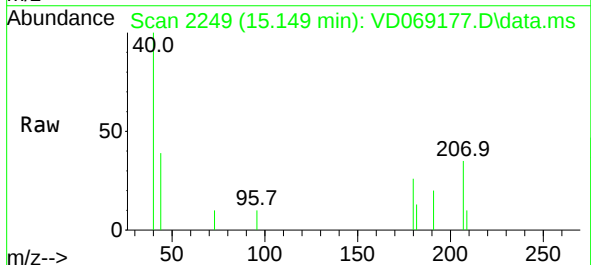
Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK

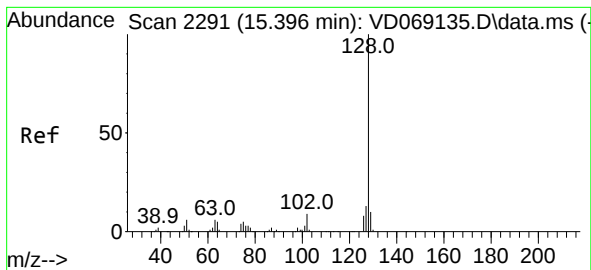
Tgt Ion: 75 Resp: 100  
Ion Ratio Lower Upper  
75 100  
155 0.0 43.9 131.7#  
157 0.0 54.9 164.7#



#93  
1,2,4-Trichlorobenzene  
Concen: 13.29 ug/l  
RT: 15.149 min Scan# 2249  
Delta R.T. -0.006 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

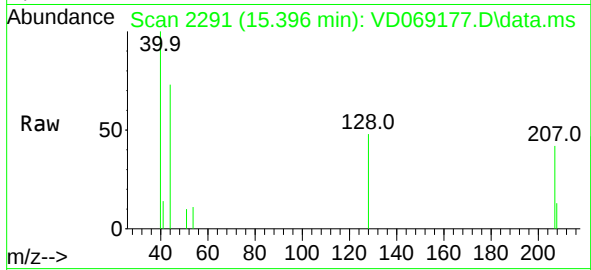
Tgt Ion: 180 Resp: 438  
Ion Ratio Lower Upper  
180 100  
182 41.8 47.8 143.3#  
145 0.0 15.6 46.8#





#95  
Naphthalene  
Concen: 19.00 ug/l  
RT: 15.396 min Scan# 2291  
Delta R.T. 0.000 min  
Lab File: VD069177.D  
Acq: 14 May 2021 15:26

Instrument :  
MSVOA\_D  
ClientSampleId :  
VIBLK



Tgt Ion:128 Resp: 1079  
Ion Ratio Lower Upper  
128 100  
127 5.4 10.5 15.7#  
129 5.5 8.9 13.3#

