

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD082521\  
 Data File : VD070245.D  
 Acq On : 25 Aug 2021 12:20  
 Operator : VA/SY  
 Sample : M3507-01RE  
 Misc : 5.07G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 130-ARE

Quant Time: Aug 25 14:45:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081321S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 14 02:33:51 2021  
 Response via : Initial Calibration

| Compound                    | R.T. QIon |       | Response | Conc      | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|-----------|------------|----------|
| -----                       |           |       |          |           |            |          |
| Internal Standards          |           |       |          |           |            |          |
| 1) Pentafluorobenzene       | 7.979     | 168   | 8946     | 50.000    | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.855     | 114   | 17077    | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.637    | 117   | 13574    | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.567    | 152   | 4366     | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.320     | 65    | 7348     | 69.835    | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 50 - 163 | Recovery  | = 139.680% |          |
| 35) Dibromofluoromethane    | 7.914     | 113   | 5779     | 52.380    | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 54 - 147 | Recovery  | = 104.760% |          |
| 50) Toluene-d8              | 10.332    | 98    | 19089    | 44.484    | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 49 - 140 | Recovery  | = 88.960%  |          |
| 62) 4-Bromofluorobenzene    | 12.626    | 95    | 4851     | 34.321    | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 25 - 144 | Recovery  | = 68.640%  |          |
| Target Compounds            |           |       |          |           |            |          |
|                             |           |       |          |           | Qvalue     |          |
| 2) Dichlorodifluoromethane  | 1.991     | 85    | 195      | Below Cal | #          | 67       |
| 3) Chloromethane            | 2.209     | 50    | 919      | 3.291     | ug/l       | # 1      |
| 4) Vinyl Chloride           | 2.356     | 62    | 288      | 1.902     | ug/l       | # 1      |
| 7) Trichlorofluoromethane   | 3.291     | 101   | 248      | 1.364     | ug/l       | # 16     |
| 8) Diethyl Ether            | 3.708     | 74    | 57       | 1.095     | ug/l       | # 1      |
| 16) Acetone                 | 4.150     | 43    | 99       | 5.108     | ug/l       | # 41     |
| 17) Carbon Disulfide        | 4.438     | 76    | 982      | 2.556     | ug/l       | # 75     |
| 20) Methylene Chloride      | 4.967     | 84    | 1595     | 4.687     | ug/l       | # 35     |
| 25) 2-Butanone              | 7.173     | 43    | 71       | 2.681     | ug/l       | # 44     |
| 29) Tetrahydrofuran         | 7.379     | 42    | 60       | 3.460     | ug/l       | # 32     |
| 30) Chloroform              | 7.708     | 83    | 507      | 2.259     | ug/l       | # 78     |
| 31) Cyclohexane             | 7.985     | 56    | 592      | 2.843     | ug/l       | # 62     |
| 32) 1,1,1-Trichloroethane   | 7.902     | 97    | 244      | 1.301     | ug/l       | # 23     |
| 36) 1,1-Dichloropropene     | 8.108     | 75    | 219      | 1.192     | ug/l       | # 53     |
| 37) Ethyl Acetate           | 7.320     | 43    | 209      | 3.132     | ug/l       | # 67     |
| 38) Carbon Tetrachloride    | 7.973     | 117   | 872      | 5.228     | ug/l       | # 10     |
| 39) Methylcyclohexane       | 9.343     | 83    | 316      | 1.477     | ug/l       | # 55     |
| 40) Benzene                 | 8.344     | 78    | 1169     | 2.194     | ug/l       | # 52     |
| 42) 1,2-Dichloroethane      | 8.414     | 62    | 202      | 1.479     | ug/l       | # 73     |
| 44) Trichloroethene         | 9.108     | 130   | 373      | 2.898     | ug/l       | 1        |
| 51) 4-Methyl-2-Pentanone    | 10.220    | 43    | 108      | 1.667     | ug/l       | # 33     |
| 52) Toluene                 | 10.402    | 92    | 746      | 2.300     | ug/l       | # 72     |
| 59) 2-Hexanone              | 10.973    | 43    | 55       | 1.268     | ug/l       | # 21     |
| 60) Dibromochloromethane    | 10.873    | 129   | 129      | 1.182     | ug/l       | # 10     |
| 64) Tetrachloroethene       | 10.879    | 164   | 226      | 2.581     | ug/l       | # 39     |
| 65) Chlorobenzene           | 11.655    | 112   | 608      | 2.144     | ug/l       | # 71     |
| 67) Ethyl Benzene           | 11.743    | 91    | 794      | 1.583     | ug/l       | 92       |
| 68) m/p-Xylenes             | 11.843    | 106   | 388      | 1.997     | ug/l       | # 57     |
| 70) Styrene                 | 12.173    | 104   | 322      | 1.049     | ug/l       | # 61     |
| 73) Isopropylbenzene        | 12.473    | 105   | 903      | 2.836     | ug/l       | # 48     |
| 74) N-amyl acetate          | 12.308    | 43    | 134      | 1.952     | ug/l       | # 39     |
| 76) 1,2,3-Trichloropropane  | 12.620    | 75    | 2114     | 47.745    | ug/l       | # 1      |
| 77) Bromobenzene            | 12.755    | 156   | 177      | 2.505     | ug/l       | # 28     |
| 78) n-propylbenzene         | 12.814    | 91    | 1127     | 2.745     | ug/l       | # 65     |
| 79) 2-Chlorotoluene         | 12.902    | 91    | 526      | 2.227     | ug/l       | 93       |
| 80) 1,3,5-Trimethylbenzene  | 12.943    | 105   | 609      | 2.247     | ug/l       | 84       |

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 Sample : M3507-01RE  
 Misc : 5.07G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 130-ARE

Quant Time: Aug 25 14:45:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081321S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 14 02:33:51 2021  
 Response via : Initial Calibration

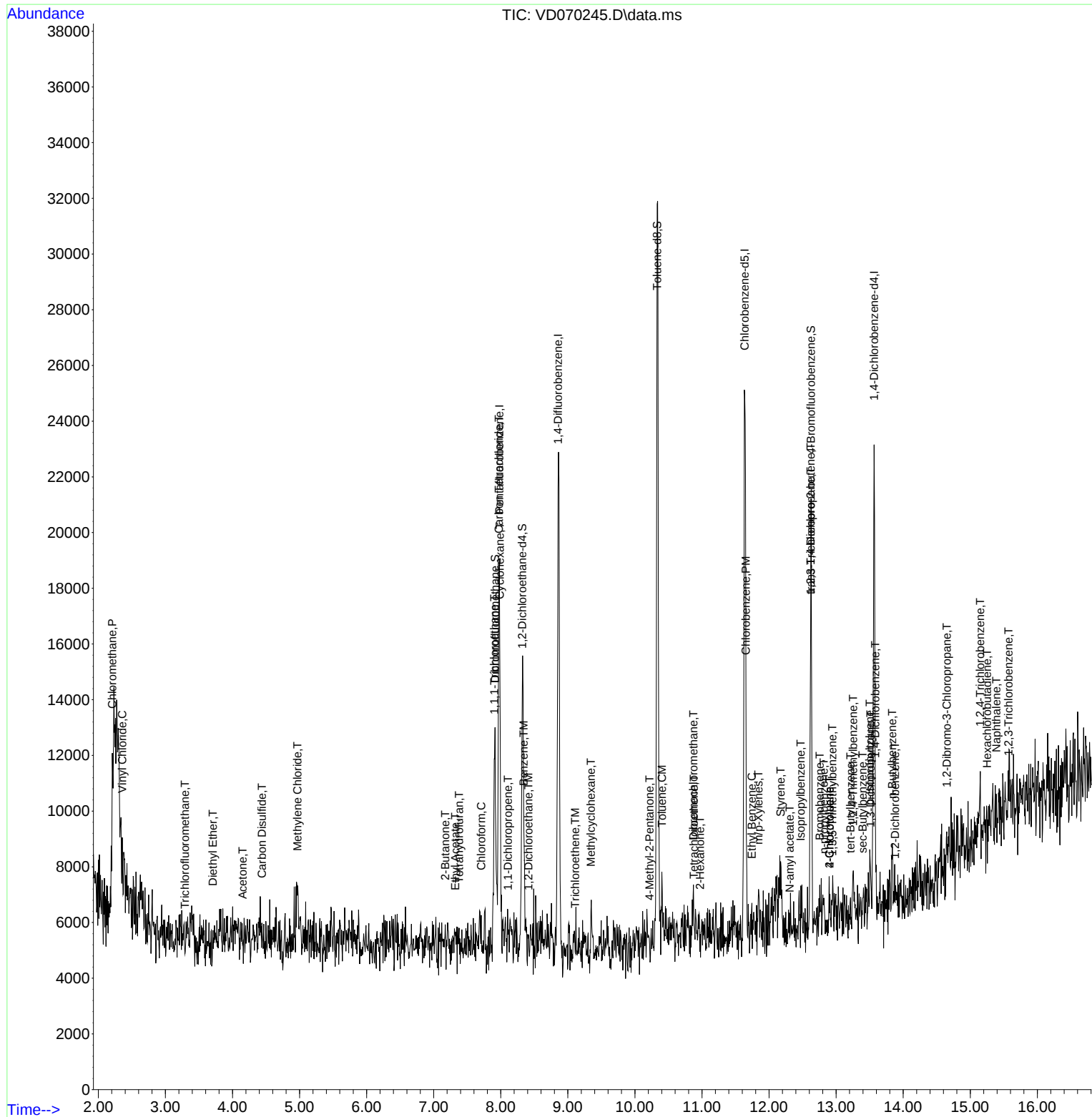
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| 81) trans-1,4-Dichloro-2-b... | 12.620 | 75   | 2114     | 123.927 | ug/l # | 17       |
| 82) 4-Chlorotoluene           | 12.902 | 91   | 526      | 2.126   | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 505      | 2.292   | ug/l # | 43       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 610      | 2.269   | ug/l # | 31       |
| 85) sec-Butylbenzene          | 13.396 | 105  | 628      | 1.779   | ug/l # | 57       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 430      | 1.508   | ug/l # | 51       |
| 87) 1,3-Dichlorobenzene       | 13.514 | 146  | 655      | 4.362   | ug/l # | 58       |
| 88) 1,4-Dichlorobenzene       | 13.584 | 146  | 648      | 4.357   | ug/l # | 56       |
| 89) n-Butylbenzene            | 13.837 | 91   | 675      | 2.412   | ug/l # | 81       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 184      | 1.430   | ug/l # | 4        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.649 | 75   | 61       | 6.429   | ug/l # | 8        |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 439      | 6.136   | ug/l # | 72       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 70       | 1.656   | ug/l # | 19       |
| 95) Naphthalene               | 15.390 | 128  | 1046     | 8.033   | ug/l # | 69       |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 376      | 6.020   | ug/l # | 84       |
| -----                         |        |      |          |         |        |          |

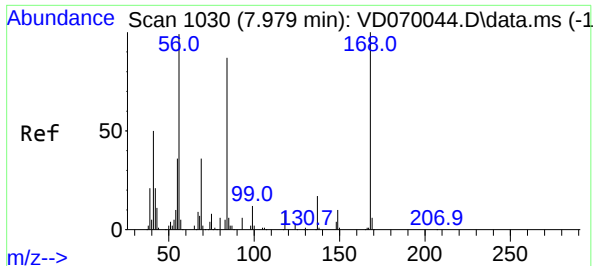
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ClientSampled :  
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Quant Time: Aug 25 14:45:25 2021  
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Quant Title : SW846 8260  
QLast Update : Sat Aug 14 02:33:51 2021  
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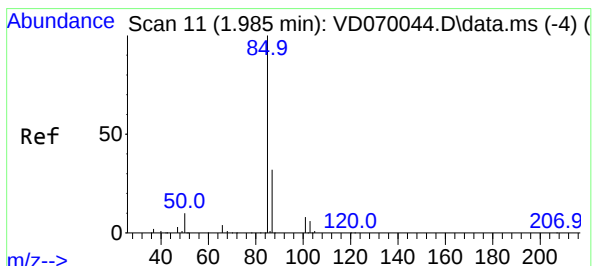
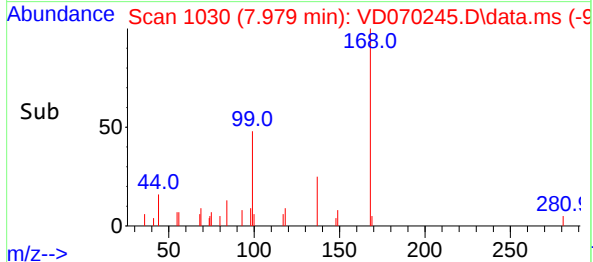
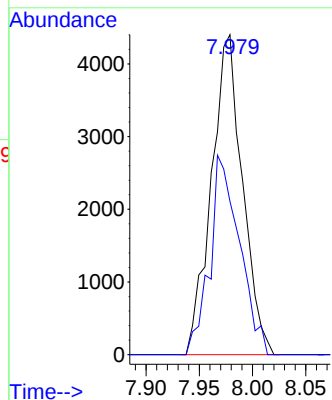
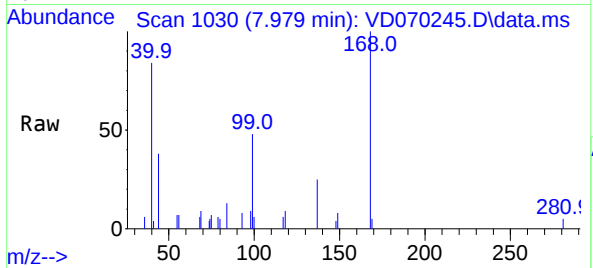




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

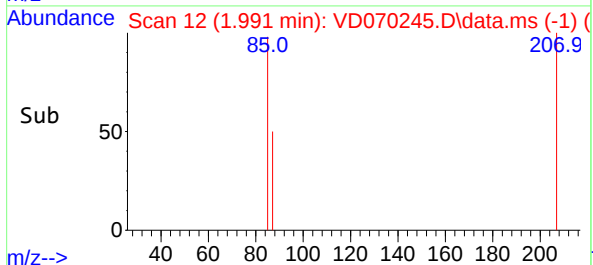
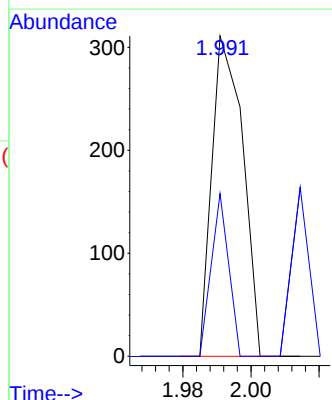
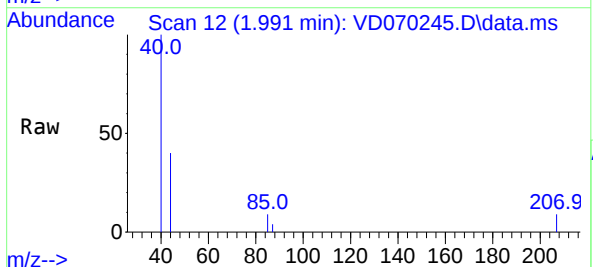
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

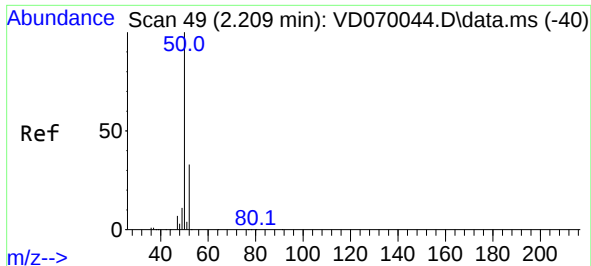
Tgt Ion:168 Resp: 8946  
Ion Ratio Lower Upper  
168 100  
99 47.9 50.3 75.5#



#2  
Dichlorodifluoromethane  
Concen: Below Cal  
RT: 1.991 min Scan# 12  
Delta R.T. 0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion: 85 Resp: 195  
Ion Ratio Lower Upper  
85 100  
87 50.8 16.2 48.6#

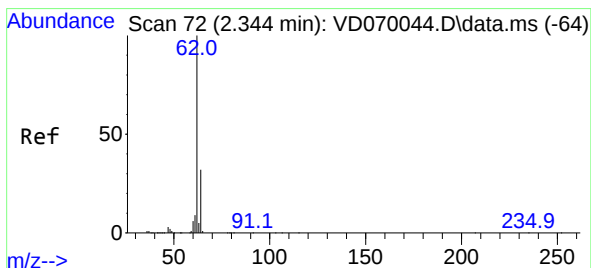
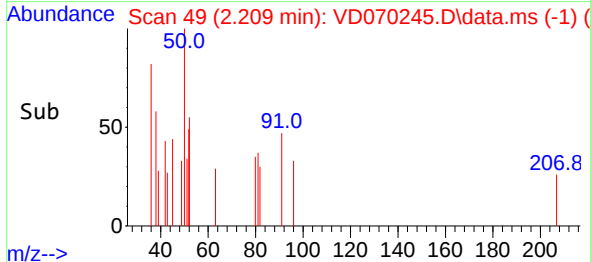
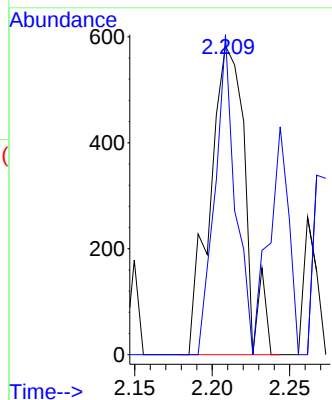
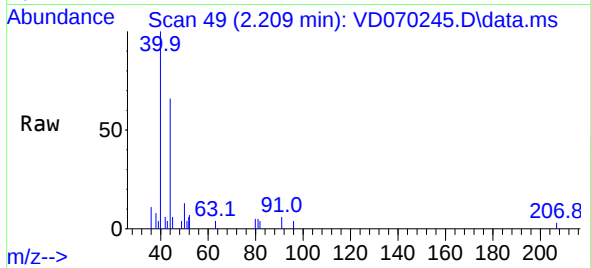




#3  
Chloromethane  
Concen: 3.291 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

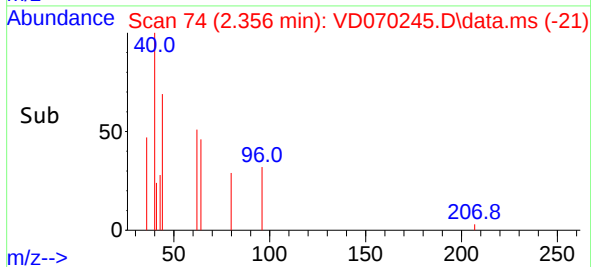
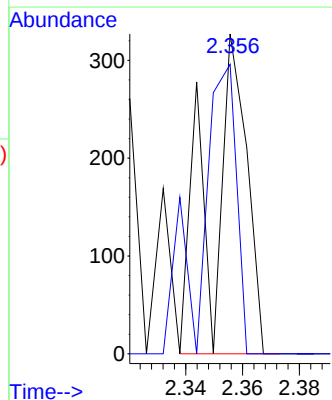
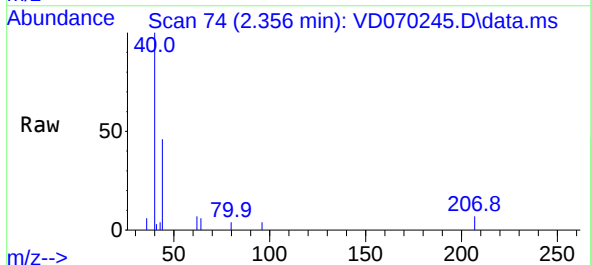
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

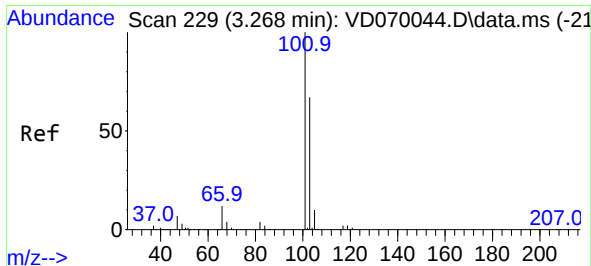
Tgt Ion: 50 Resp: 919  
Ion Ratio Lower Upper  
50 100  
52 103.6 26.3 39.5#



#4  
Vinyl Chloride  
Concen: 1.902 ug/l  
RT: 2.356 min Scan# 74  
Delta R.T. 0.012 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion: 62 Resp: 288  
Ion Ratio Lower Upper  
62 100  
64 90.5 25.7 38.5#

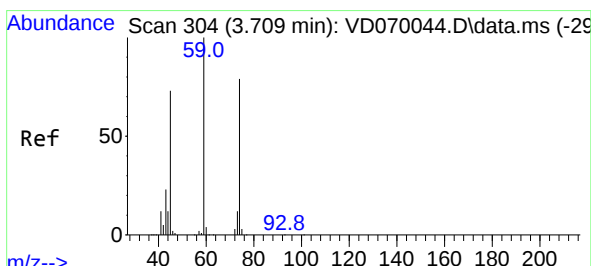
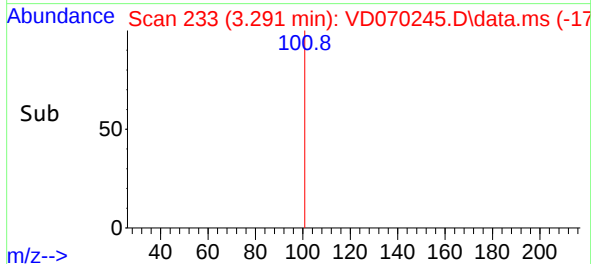
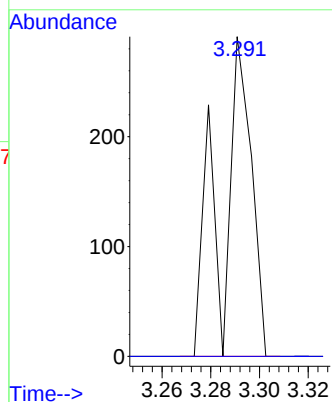
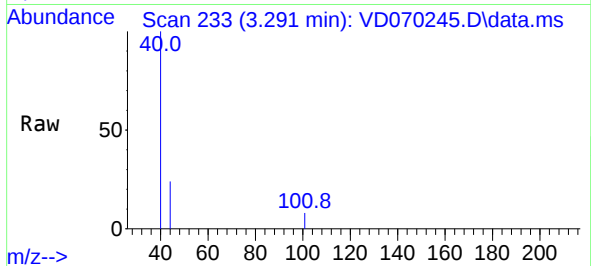




#7  
Trichlorofluoromethane  
Concen: 1.364 ug/l  
RT: 3.291 min Scan# 233  
Delta R.T. 0.023 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

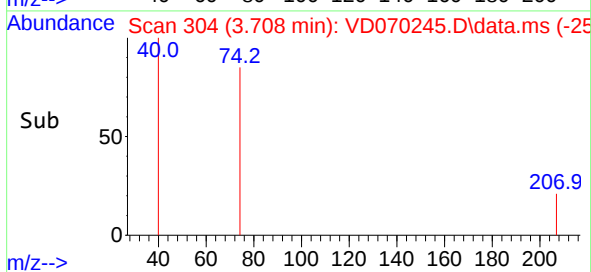
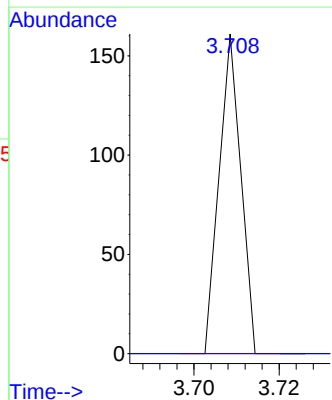
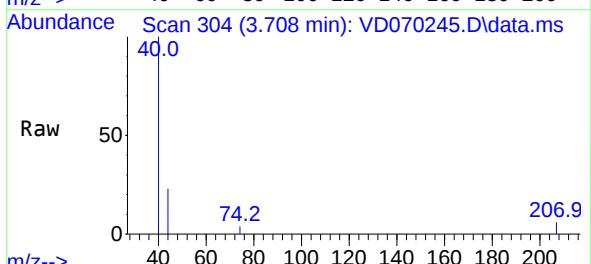
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

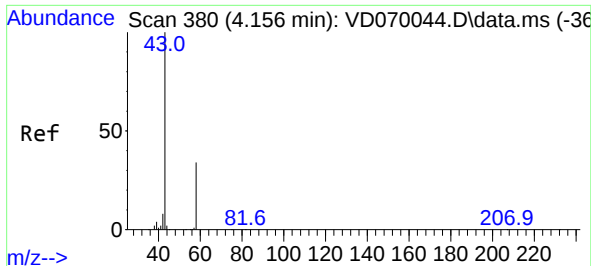
Tgt Ion:101 Resp: 248  
Ion Ratio Lower Upper  
101 100  
103 0.0 53.9 80.9#



#8  
Diethyl Ether  
Concen: 1.095 ug/l  
RT: 3.708 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion: 74 Resp: 57  
Ion Ratio Lower Upper  
74 100  
45 0.0 48.6 145.9#

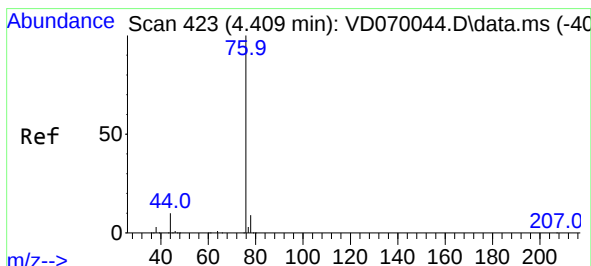
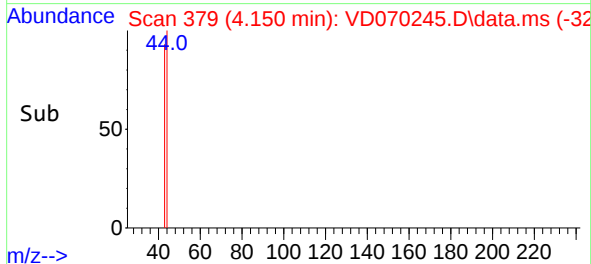
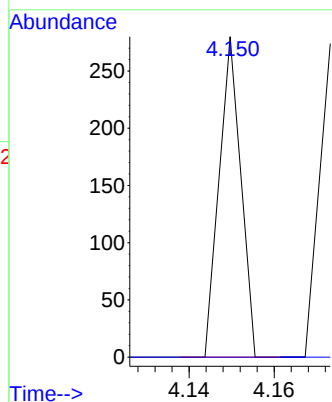
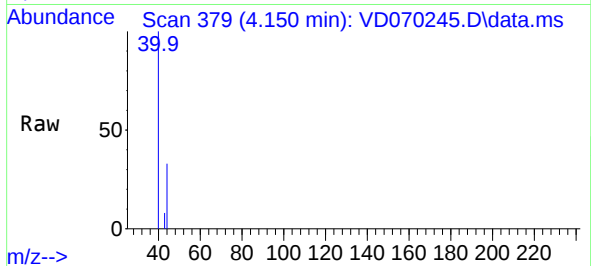




#16  
Acetone  
Concen: 5.108 ug/l  
RT: 4.150 min Scan# 379  
Delta R.T. -0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

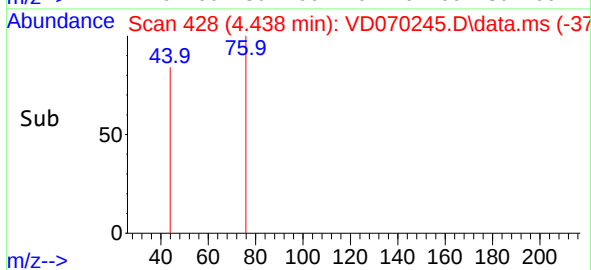
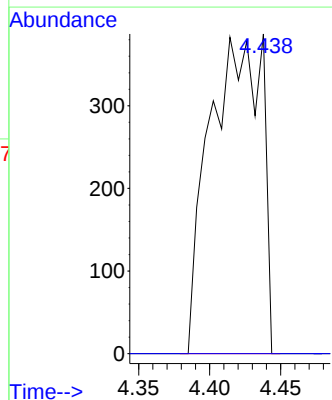
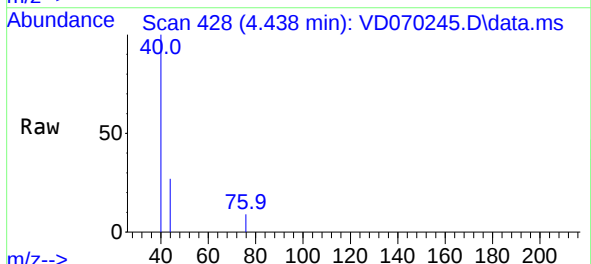
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

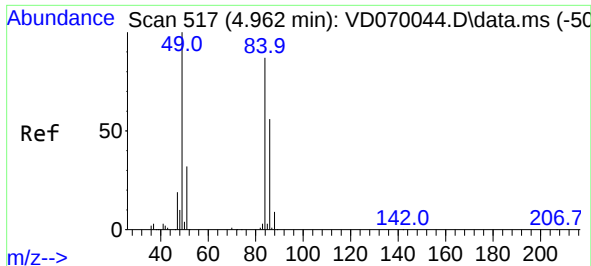
Tgt Ion: 43 Resp: 99  
Ion Ratio Lower Upper  
43 100  
58 0.0 26.8 40.2#



#17  
Carbon Disulfide  
Concen: 2.556 ug/l  
RT: 4.438 min Scan# 428  
Delta R.T. 0.029 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

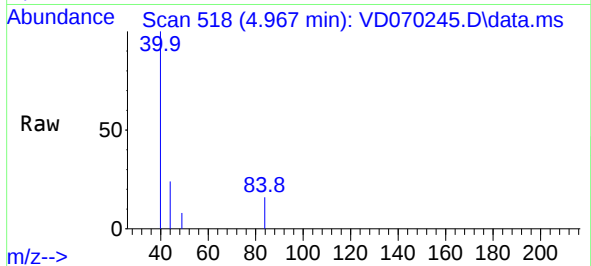
Tgt Ion: 76 Resp: 982  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.1 10.7#



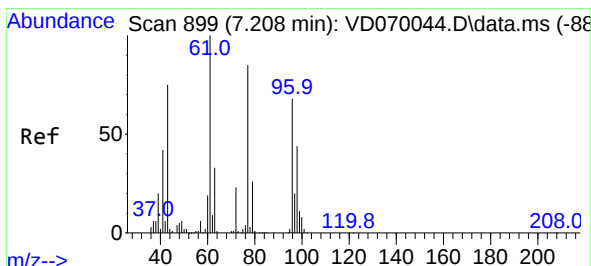
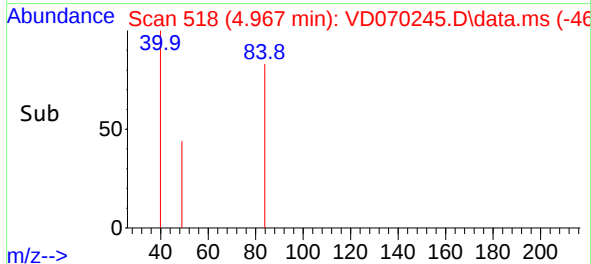
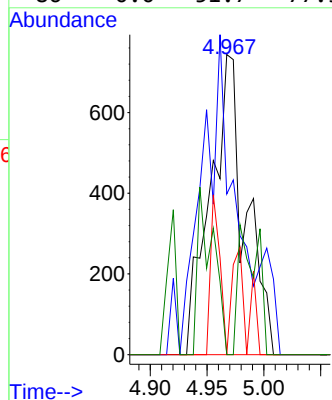


#20  
Methylene Chloride  
Concen: 4.687 ug/l  
RT: 4.967 min Scan# 518  
Delta R.T. 0.005 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

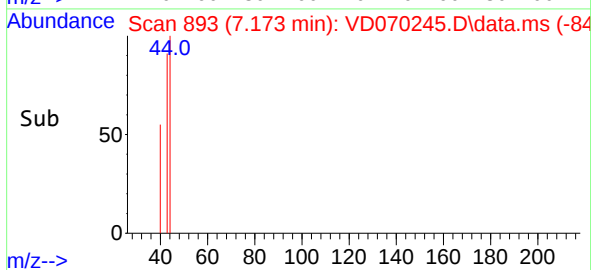
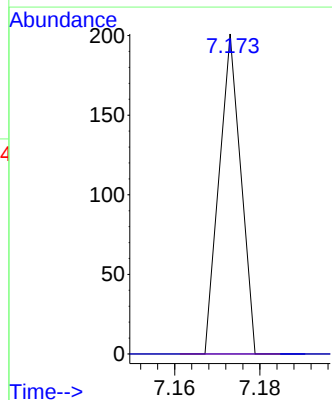
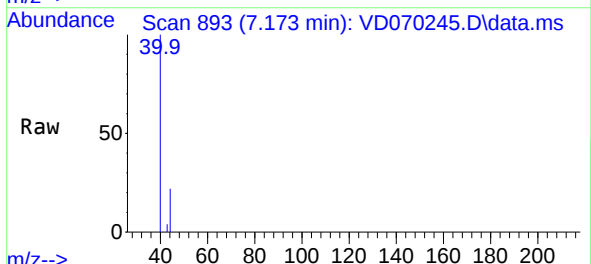


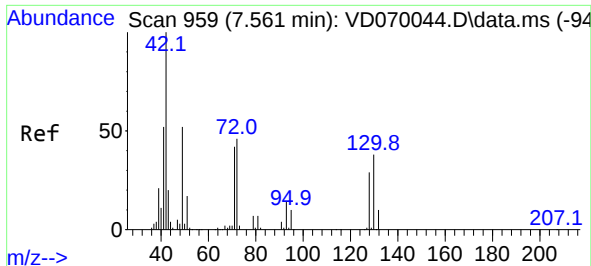
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 1595  |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 53.5     | 92.5 138.7# |
| 51 0.0      | 29.7 44.5#  |
| 86 0.0      | 51.7 77.5#  |



#25  
2-Butanone  
Concen: 2.681 ug/l  
RT: 7.173 min Scan# 893  
Delta R.T. -0.035 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

|             |          |       |  |
|-------------|----------|-------|--|
| Tgt Ion: 43 | Resp: 71 |       |  |
| Ion Ratio   | Lower    | Upper |  |
| 43 100      |          |       |  |
| 72 0.0      | 24.2     | 36.4# |  |





#29

Tetrahydrofuran

Concen: 3.460 ug/l

RT: 7.379 min Scan# 928

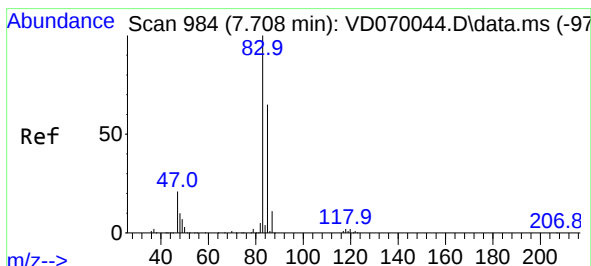
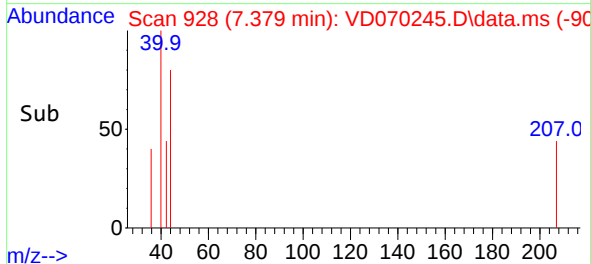
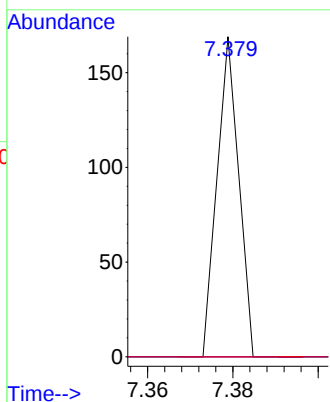
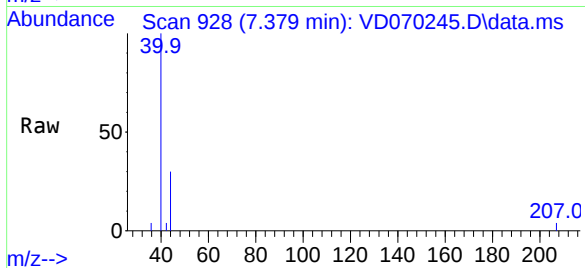
Delta R.T. -0.183 min

Lab File: VD070245.D

Acq: 25 Aug 2021 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 60    |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 0.0   | 37.5  | 56.3# |
| 71       | 0.0   | 33.6  | 50.4# |



#30

Chloroform

Concen: 2.259 ug/l

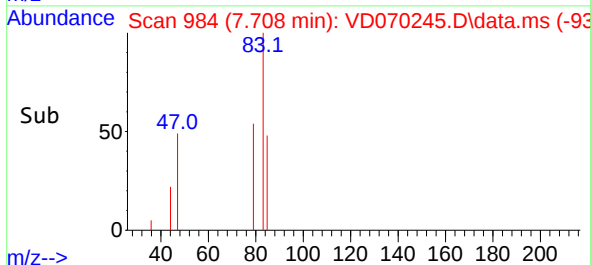
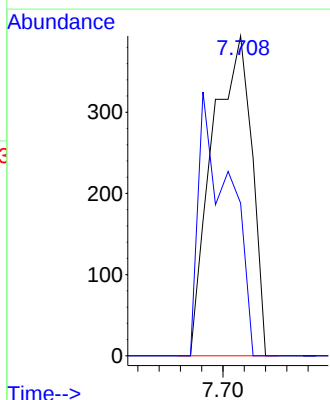
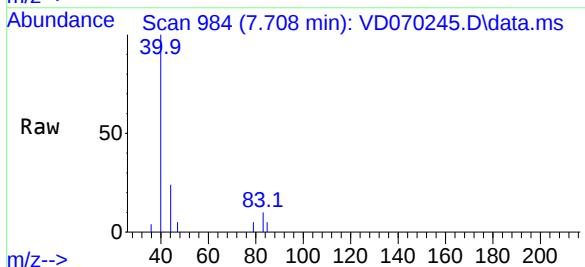
RT: 7.708 min Scan# 984

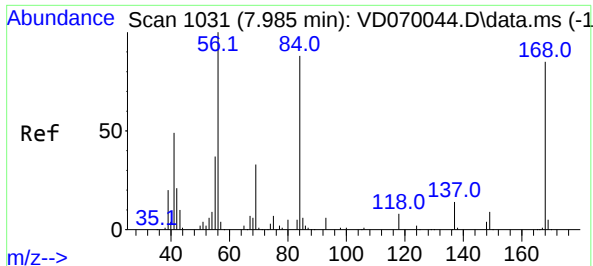
Delta R.T. -0.000 min

Lab File: VD070245.D

Acq: 25 Aug 2021 12:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 507   |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 47.7  | 51.8  | 77.8# |

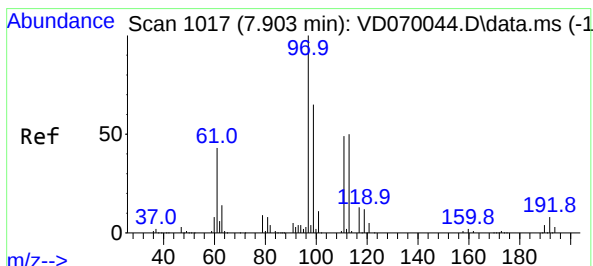
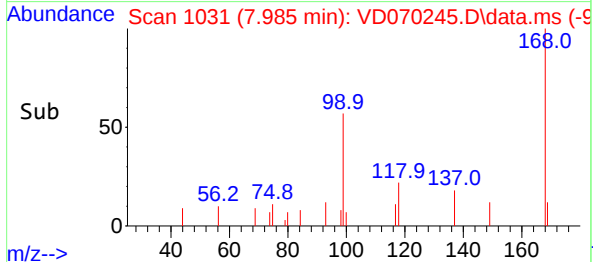
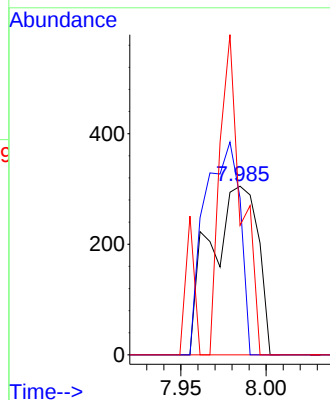
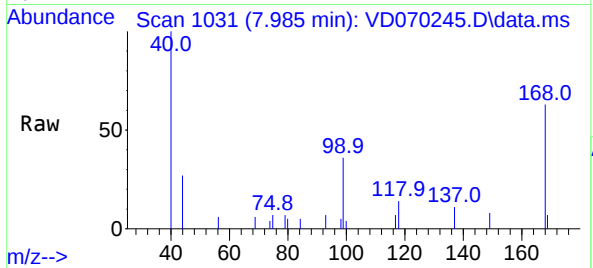




#31  
Cyclohexane  
Concen: 2.843 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

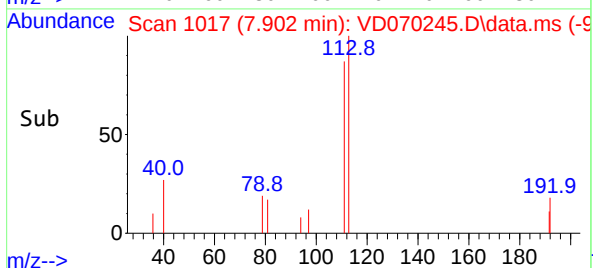
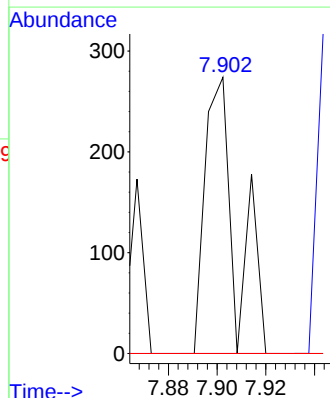
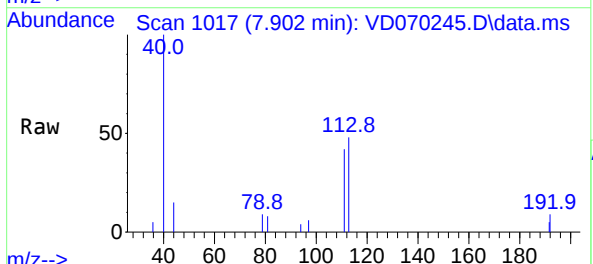
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

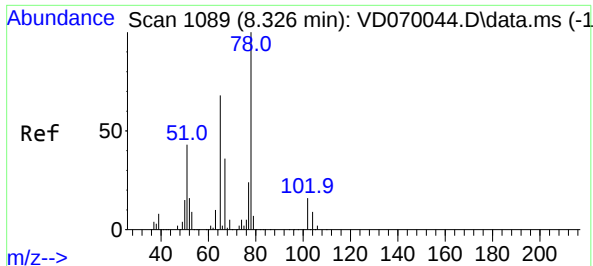
Tgt Ion: 56 Resp: 592  
Ion Ratio Lower Upper  
56 100  
69 93.1 26.7 40.1#  
84 76.7 70.4 105.6



#32  
1,1,1-Trichloroethane  
Concen: 1.301 ug/l  
RT: 7.902 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion: 97 Resp: 244  
Ion Ratio Lower Upper  
97 100  
99 0.0 52.4 78.6#  
61 0.0 34.4 51.6#

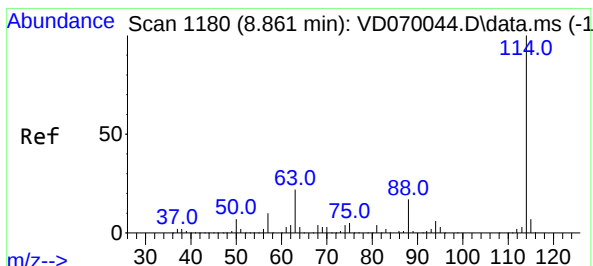
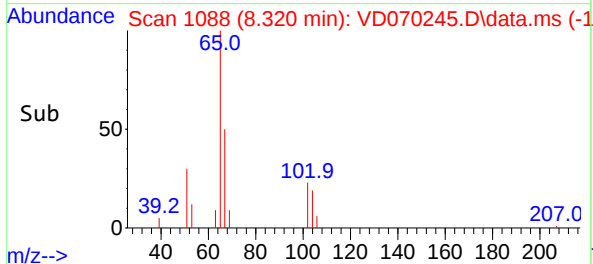
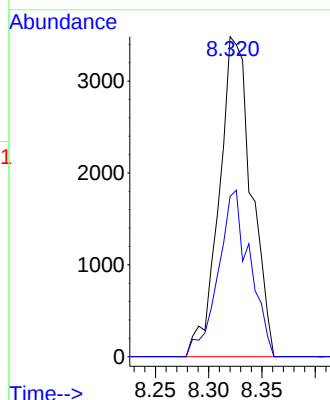
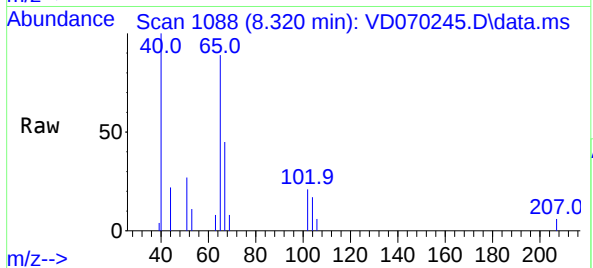




#33  
1,2-Dichloroethane-d4  
Concen: 69.835 ug/l  
RT: 8.320 min Scan# 1088  
Delta R.T. -0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

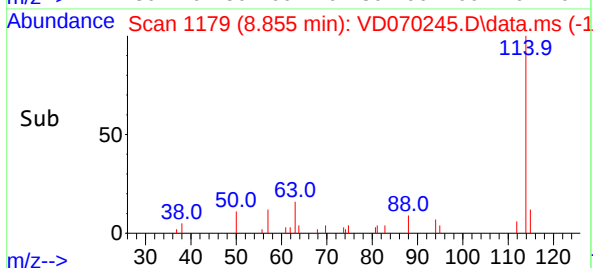
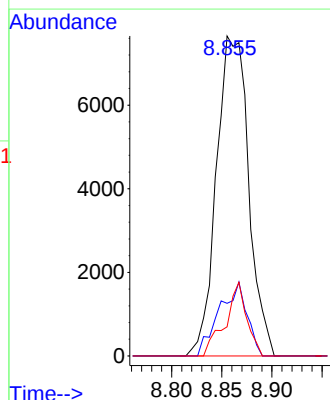
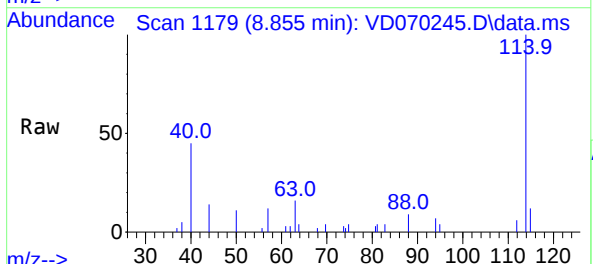
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

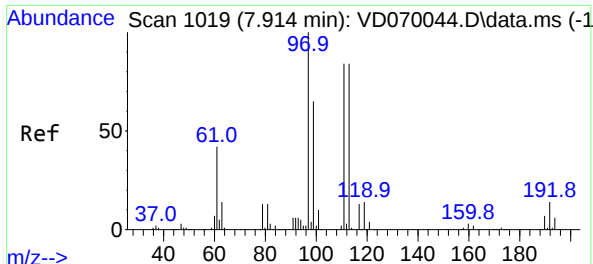
Tgt Ion: 65 Resp: 7348  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 107.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.855 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion: 114 Resp: 17077  
Ion Ratio Lower Upper  
114 100  
63 16.5 0.0 43.6  
88 9.1 0.0 33.4



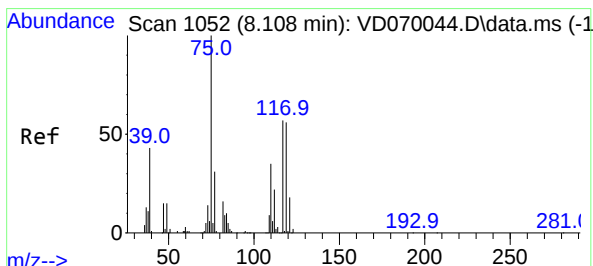
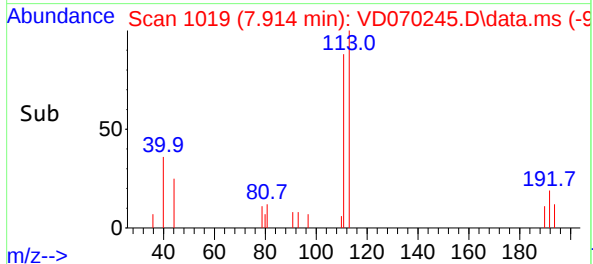
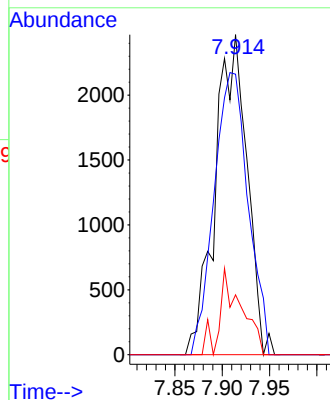
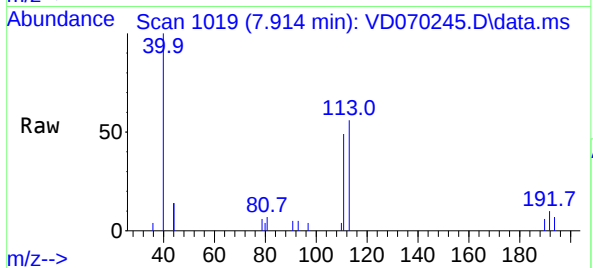


#35  
Dibromofluoromethane  
Concen: 52.380 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

Tgt Ion:113 Resp: 5779

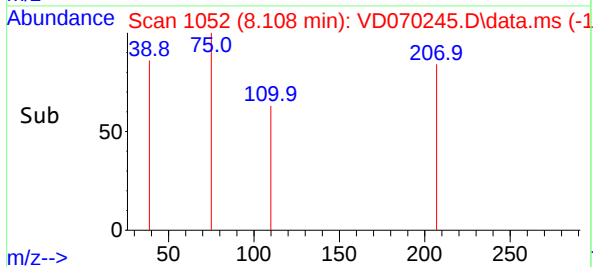
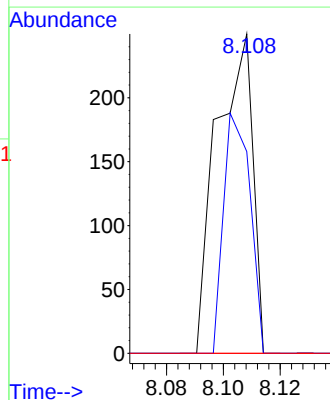
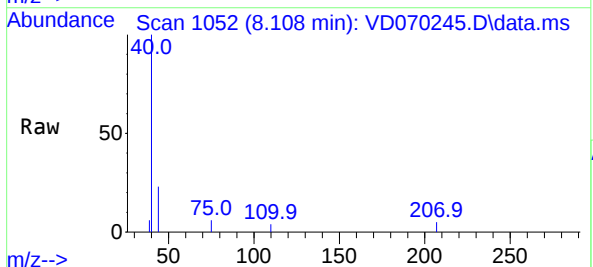
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 94.3  | 81.8  | 122.6 |
| 192 | 18.7  | 13.2  | 19.8  |

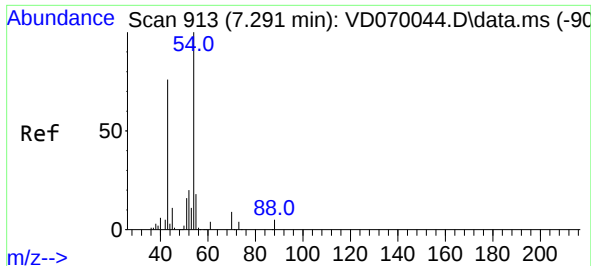


#36  
1,1-Dichloropropene  
Concen: 1.192 ug/l  
RT: 8.108 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion: 75 Resp: 219

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 55.7  | 16.9  | 50.7# |
| 77  | 0.0   | 25.2  | 37.8# |





#37

Ethyl Acetate

Concen: 3.132 ug/l

RT: 7.320 min Scan# 918

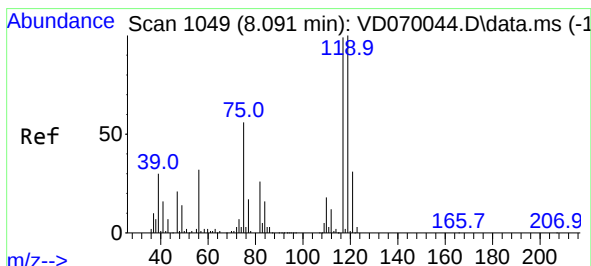
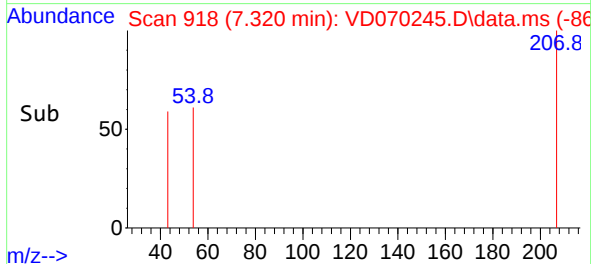
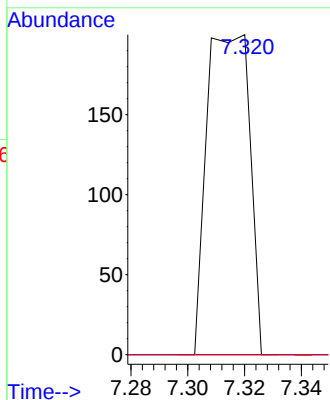
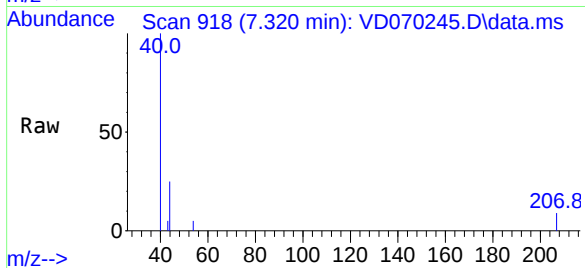
Delta R.T. 0.029 min

Lab File: VD070245.D

Acq: 25 Aug 2021 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 209   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.0   | 11.8  | 17.6# |
| 70       | 0.0   | 9.0   | 13.6# |



#38

Carbon Tetrachloride

Concen: 5.228 ug/l

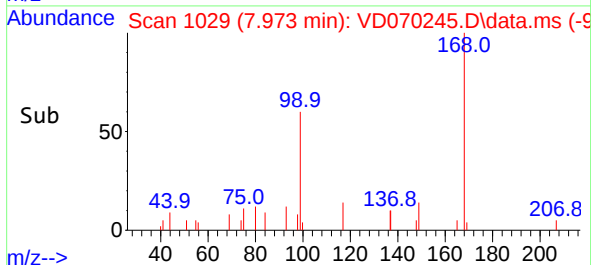
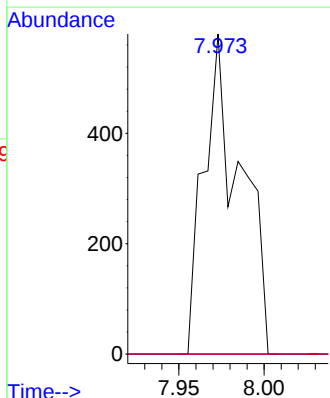
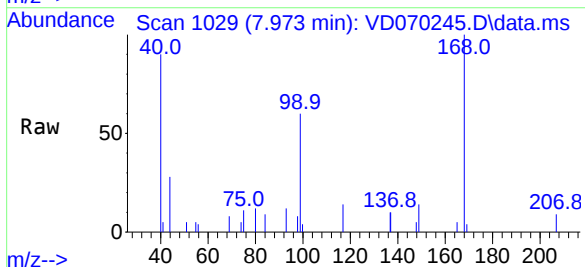
RT: 7.973 min Scan# 1029

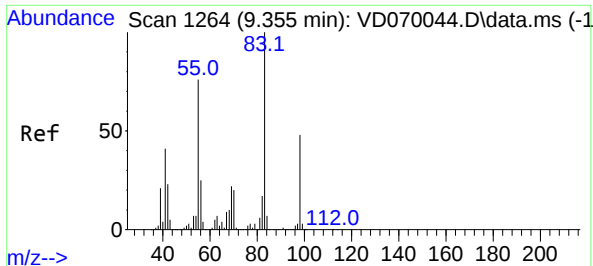
Delta R.T. -0.118 min

Lab File: VD070245.D

Acq: 25 Aug 2021 12:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 872    |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 0.0   | 81.0  | 121.6# |
| 121      | 0.0   | 25.0  | 37.6#  |





#39

Methylcyclohexane

Concen: 1.477 ug/l

RT: 9.343 min Scan# 1262

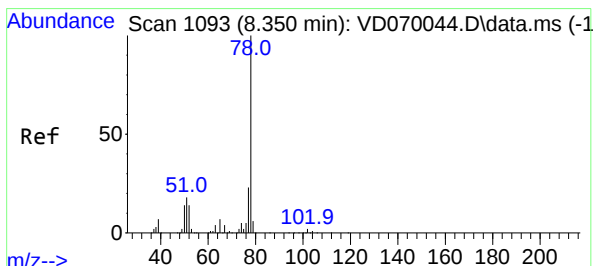
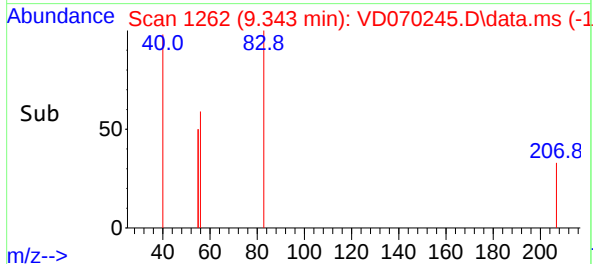
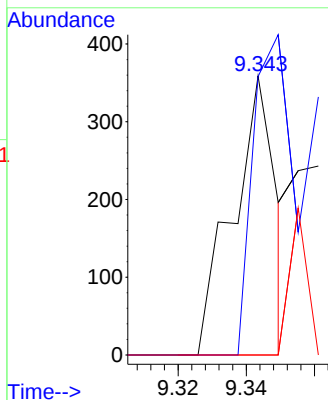
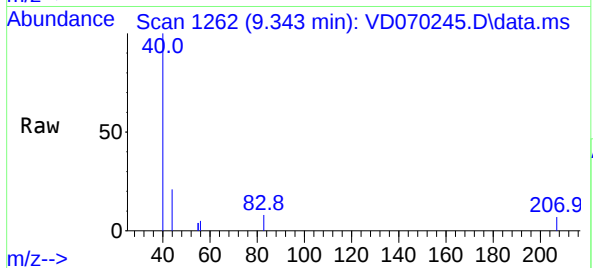
Delta R.T. -0.012 min

Lab File: VD070245.D

Acq: 25 Aug 2021 12:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 316   |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 99.7  | 60.7  | 91.1# |
| 98       | 0.0   | 38.6  | 58.0# |

Instrument :  
MSVOA\_D  
ClientSampled :  
130-ARE



#40

Benzene

Concen: 2.194 ug/l

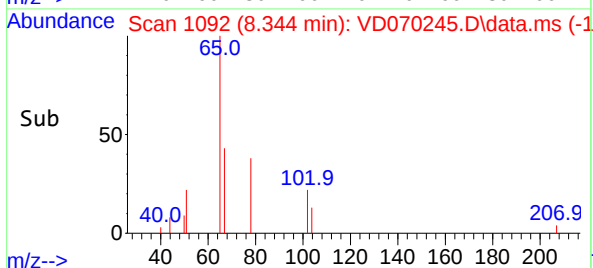
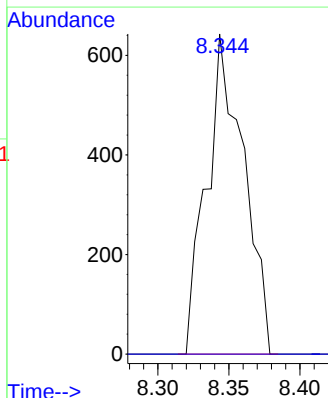
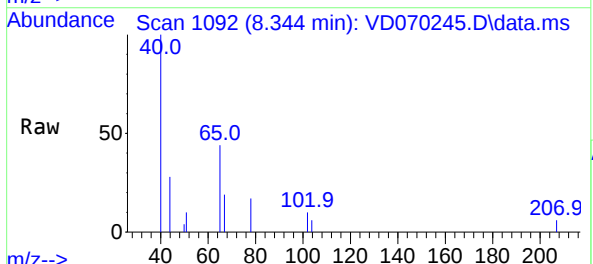
RT: 8.344 min Scan# 1092

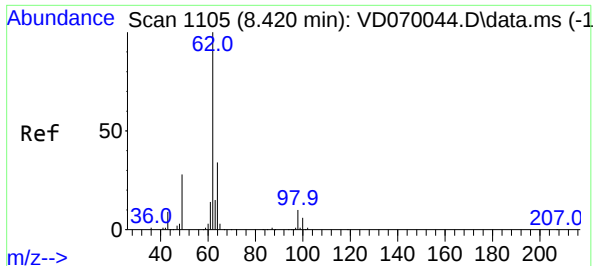
Delta R.T. -0.006 min

Lab File: VD070245.D

Acq: 25 Aug 2021 12:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 78    | Resp: | 1169  |
| Ion      | Ratio | Lower | Upper |
| 78       | 100   |       |       |
| 77       | 0.0   | 18.6  | 27.8# |

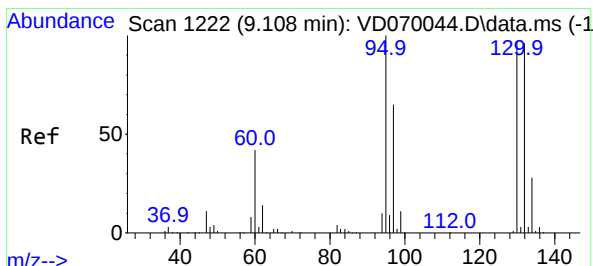
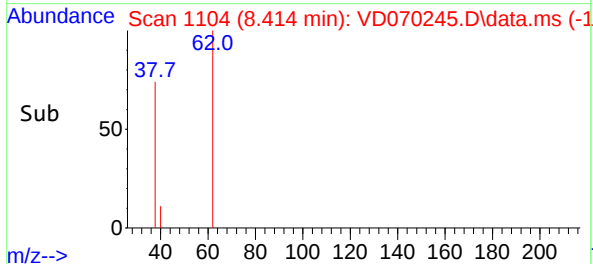
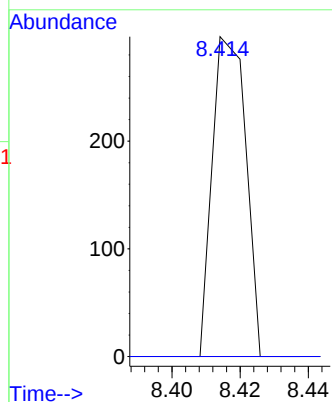
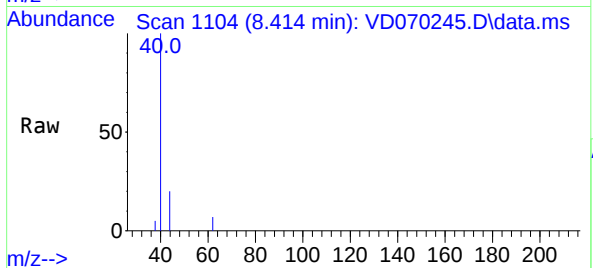




#42  
1,2-Dichloroethane  
Concen: 1.479 ug/l  
RT: 8.414 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

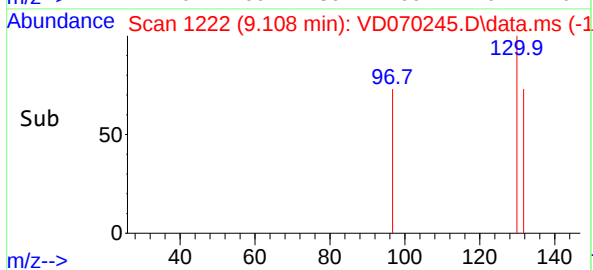
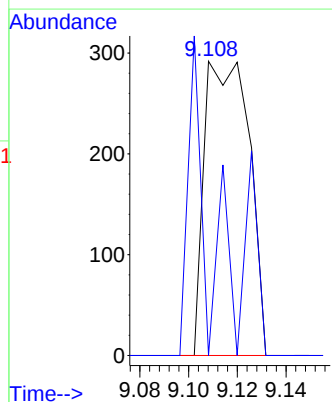
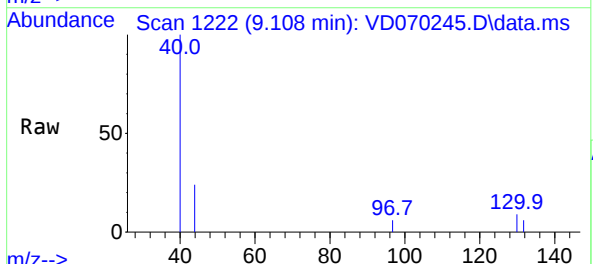
Instrument :  
MSVOA\_D  
ClientSampled :  
130-ARE

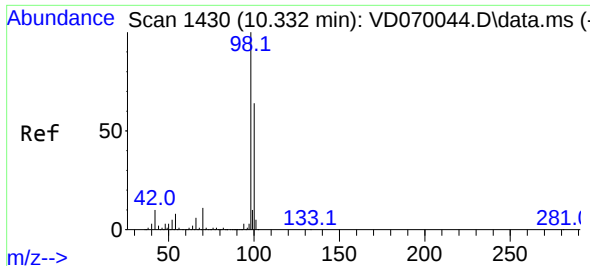
Tgt Ion: 62 Resp: 202  
Ion Ratio Lower Upper  
62 100  
98 0.0 0.0 20.2



#44  
Trichloroethene  
Concen: 2.898 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion: 130 Resp: 373  
Ion Ratio Lower Upper  
130 100  
95 0.0 0.0 206.4

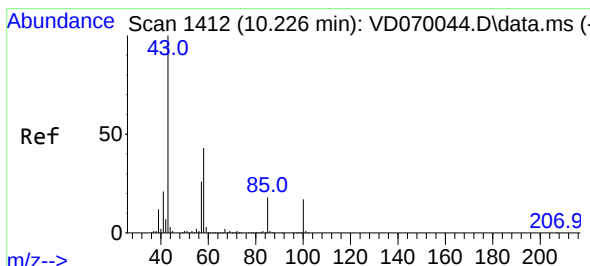
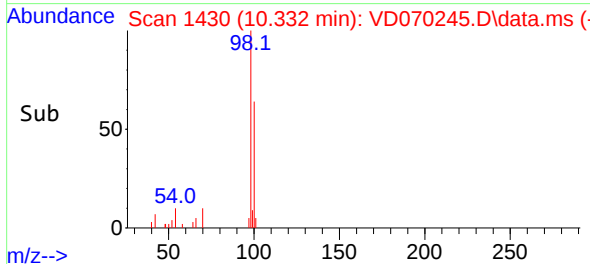
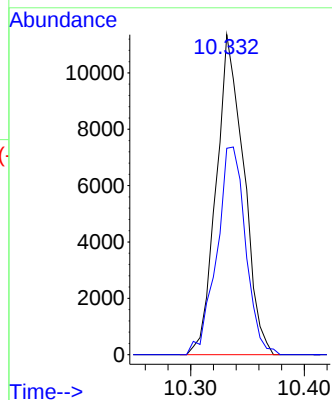
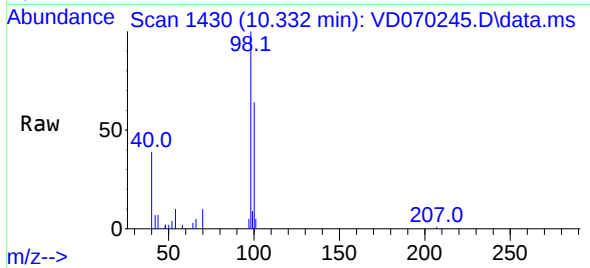




#50  
Toluene-d8  
Concen: 44.484 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

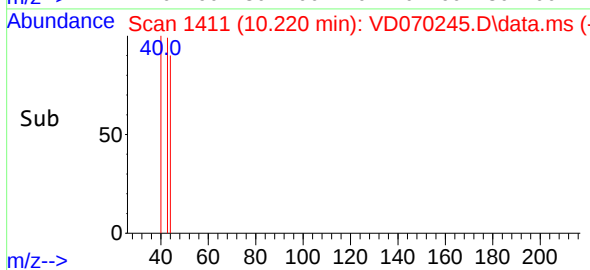
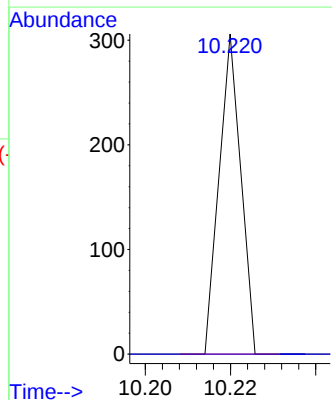
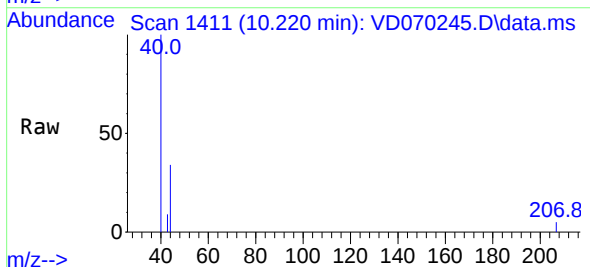
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

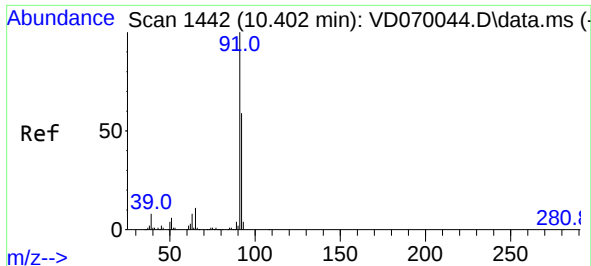
Tgt Ion: 98 Resp: 19089  
Ion Ratio Lower Upper  
98 100  
100 68.0 52.6 78.8



#51  
4-Methyl-2-Pentanone  
Concen: 1.667 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion: 43 Resp: 108  
Ion Ratio Lower Upper  
43 100  
58 0.0 33.9 50.9#

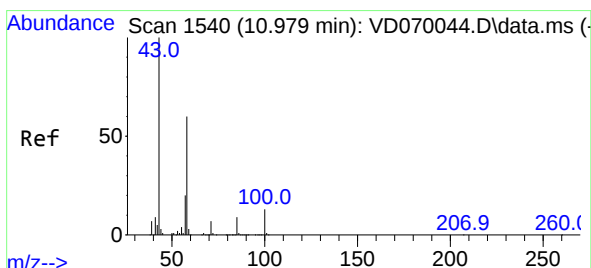
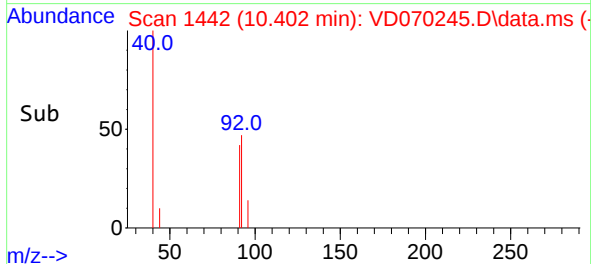
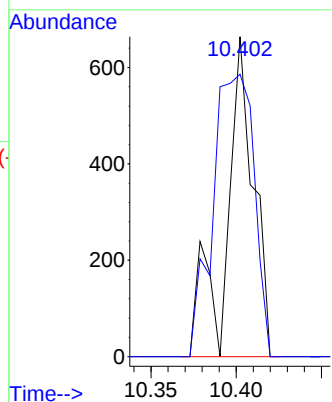
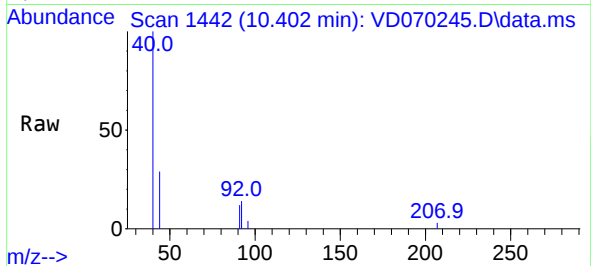




#52  
Toluene  
Concen: 2.300 ug/l  
RT: 10.402 min Scan# 1442  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

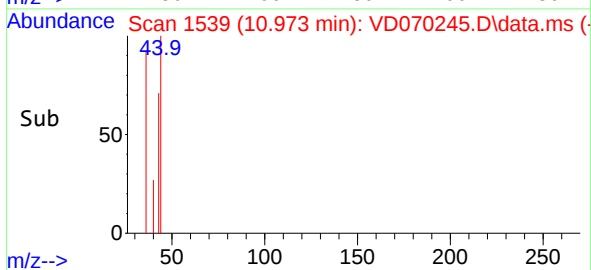
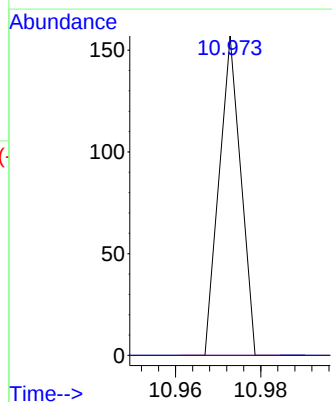
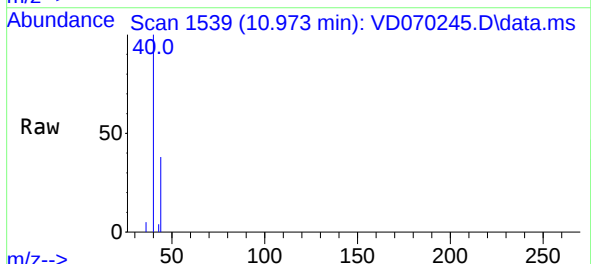
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

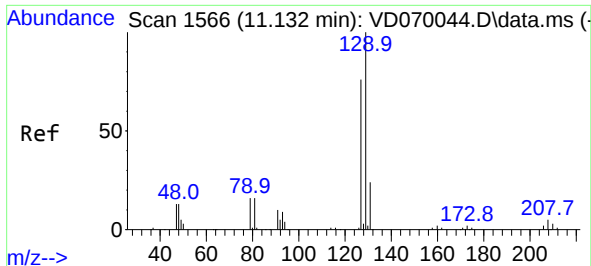
Tgt Ion: 92 Resp: 746  
Ion Ratio Lower Upper  
92 100  
91 132.7 137.2 205.8#



#59  
2-Hexanone  
Concen: 1.268 ug/l  
RT: 10.973 min Scan# 1539  
Delta R.T. -0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion: 43 Resp: 55  
Ion Ratio Lower Upper  
43 100  
58 0.0 29.5 88.5#

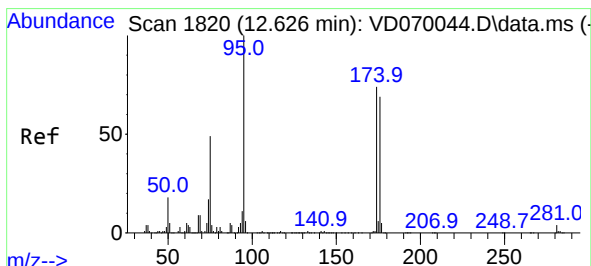
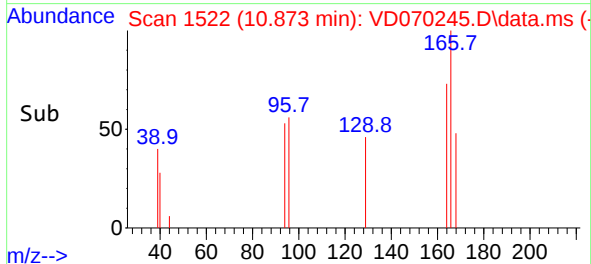
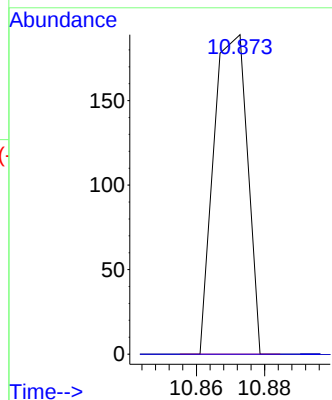
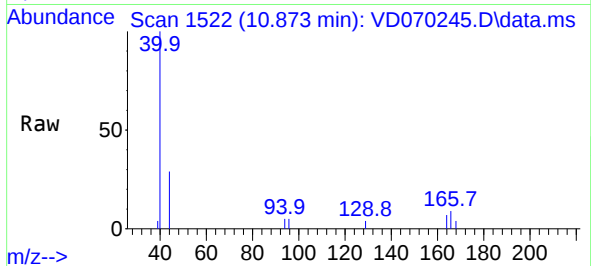




#60  
Dibromochloromethane  
Concen: 1.182 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.259 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

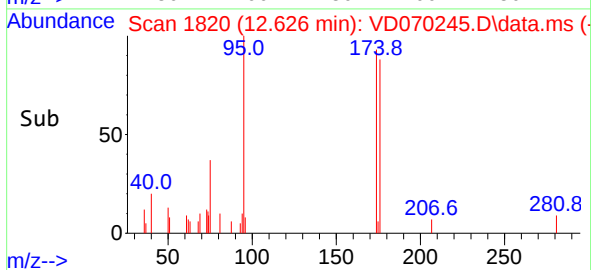
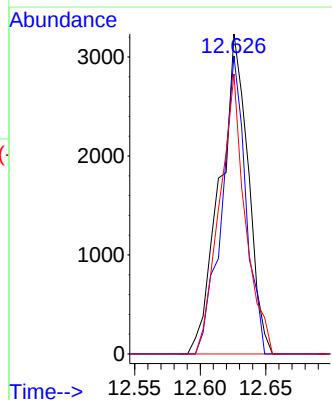
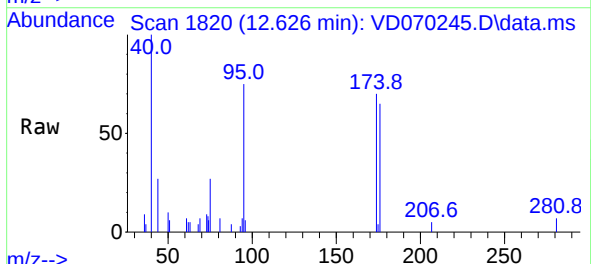
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

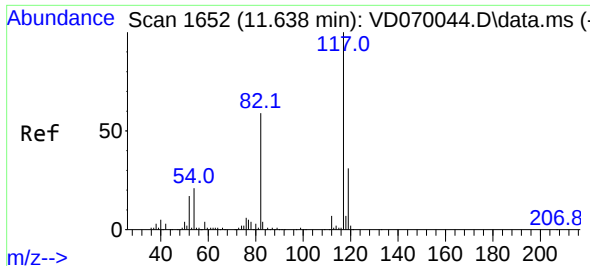
Tgt Ion:129 Resp: 129  
Ion Ratio Lower Upper  
129 100  
127 0.0 39.4 118.2#



#62  
4-Bromofluorobenzene  
Concen: 34.321 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion: 95 Resp: 4851  
Ion Ratio Lower Upper  
95 100  
174 79.1 0.0 141.6  
176 79.6 0.0 138.2

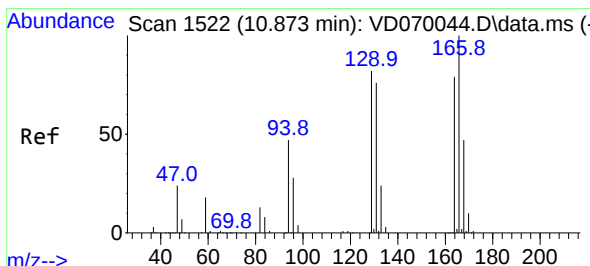
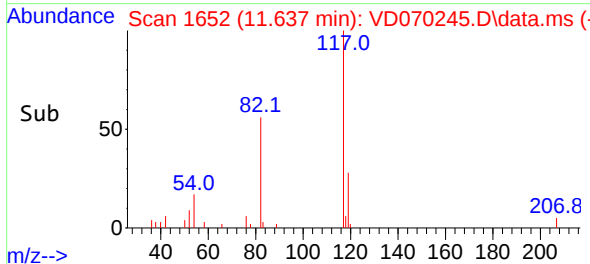
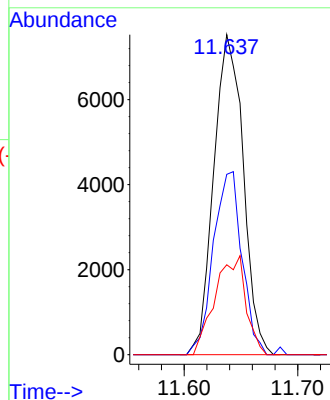
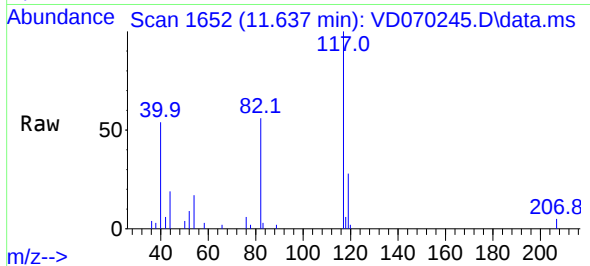




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.637 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

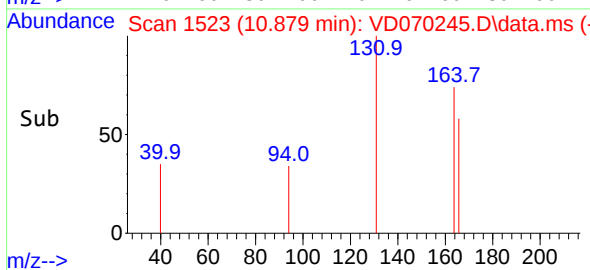
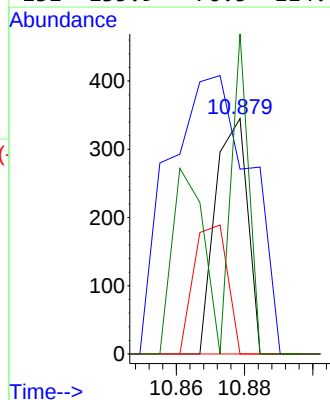
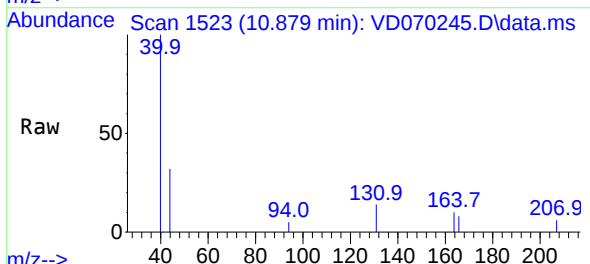
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

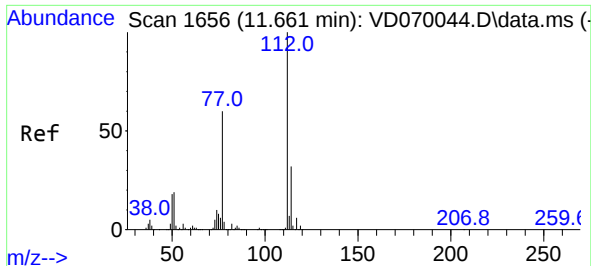
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 13574 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 56.3  | 47.5  | 71.3  |
| 119      | 28.1  | 25.1  | 37.7  |



#64  
Tetrachloroethene  
Concen: 2.581 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. 0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 226    |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 78.6  | 101.3 | 151.9# |
| 129      | 0.0   | 82.9  | 124.3# |
| 131      | 135.9 | 76.5  | 114.7# |

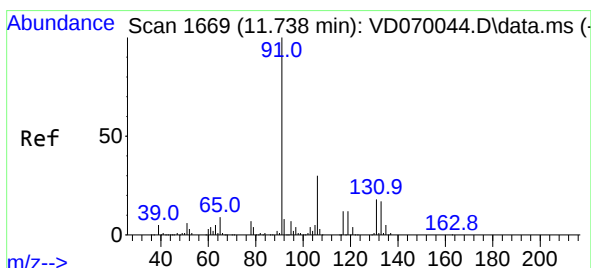
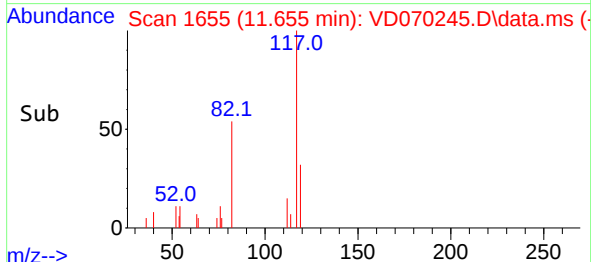
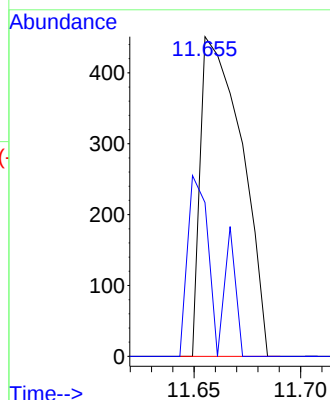
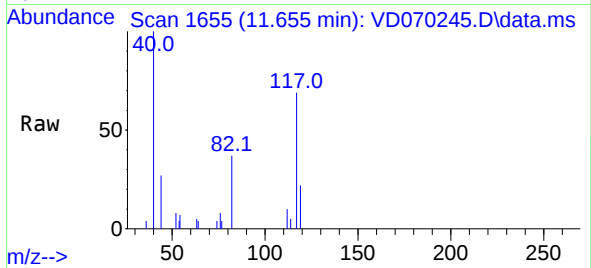




#65  
Chlorobenzene  
Concen: 2.144 ug/l  
RT: 11.655 min Scan# 1655  
Delta R.T. -0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

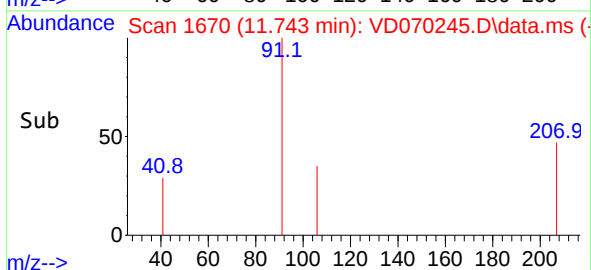
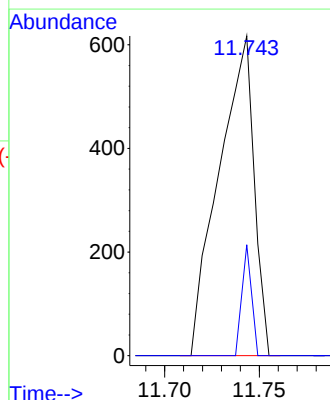
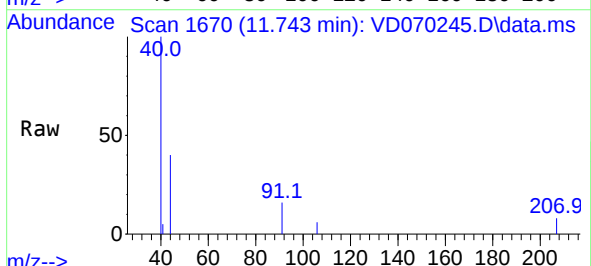
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

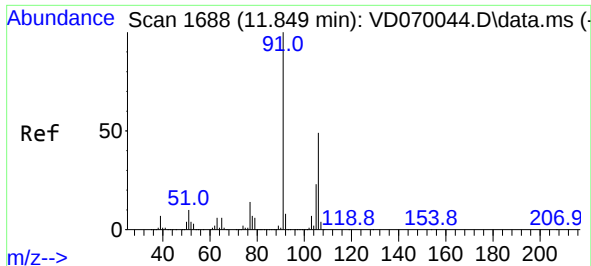
Tgt Ion:112 Resp: 608  
Ion Ratio Lower Upper  
112 100  
114 48.1 25.5 38.3#



#67  
Ethyl Benzene  
Concen: 1.583 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. 0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion: 91 Resp: 794  
Ion Ratio Lower Upper  
91 100  
106 34.7 24.3 36.5

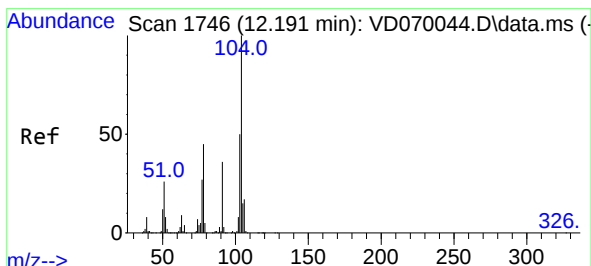
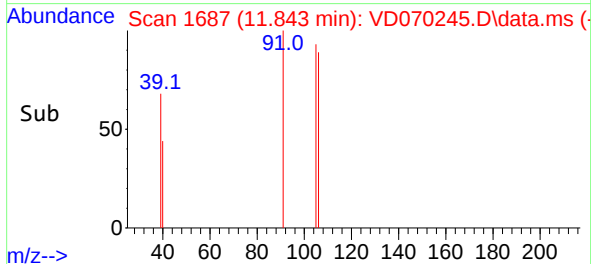
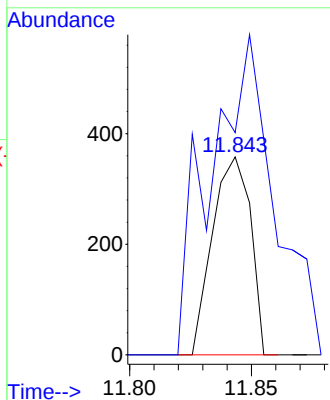
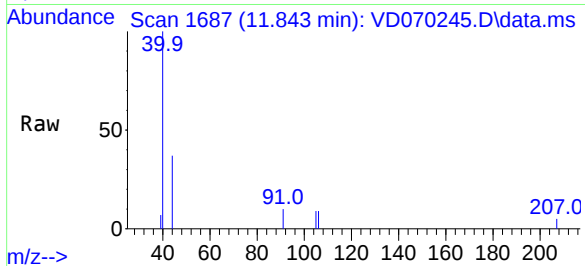




#68  
m/p-Xylenes  
Concen: 1.997 ug/l  
RT: 11.843 min Scan# 1687  
Delta R.T. -0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

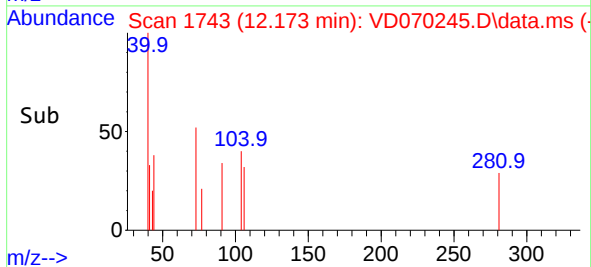
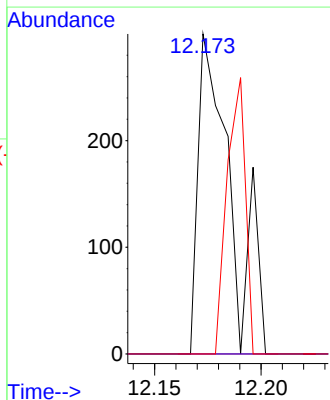
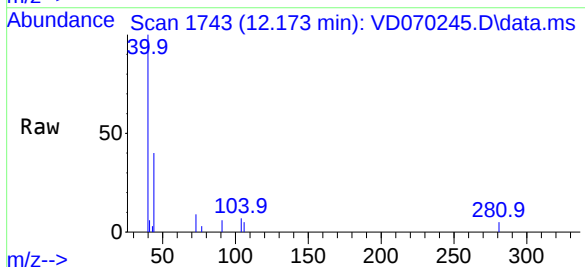
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

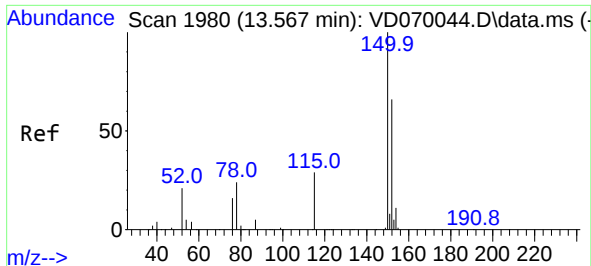
Tgt Ion:106 Resp: 388  
Ion Ratio Lower Upper  
106 100  
91 272.7 164.6 246.8#



#70  
Styrene  
Concen: 1.049 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.018 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion:104 Resp: 322  
Ion Ratio Lower Upper  
104 100  
78 0.0 39.7 59.5#  
103 48.4 43.8 65.6

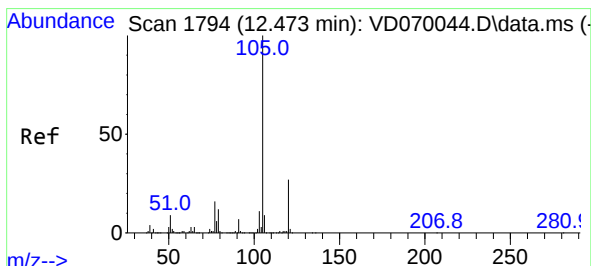
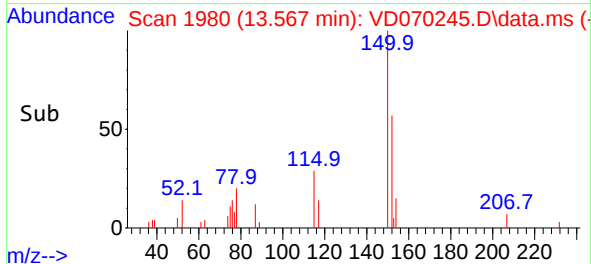
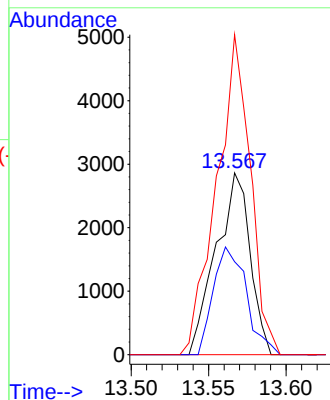
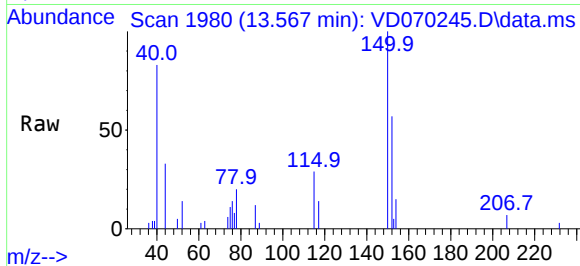




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

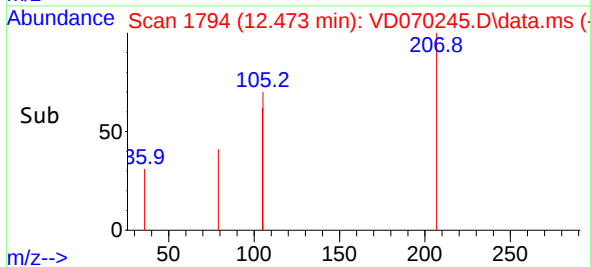
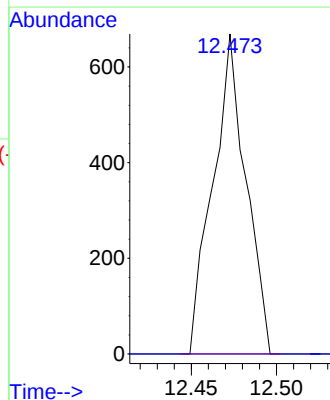
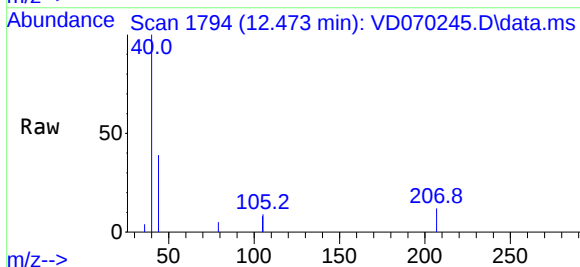
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

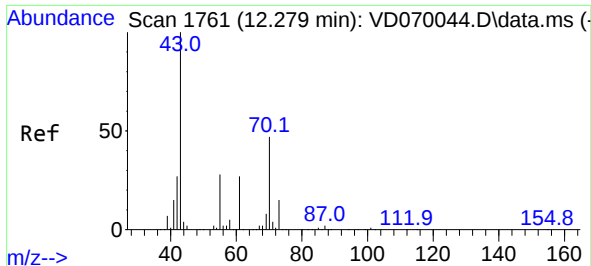
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 57.6  | 31.2  | 93.6  |
| 150     | 174.3 | 0.0   | 352.0 |



#73  
Isopropylbenzene  
Concen: 2.836 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 0.0   | 13.3  | 39.8  |

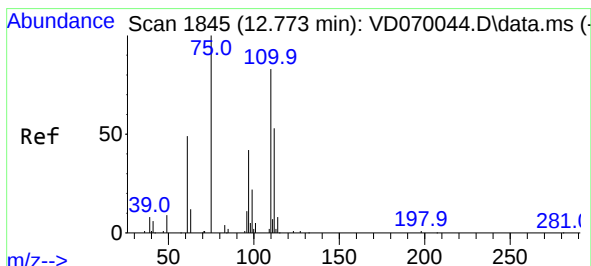
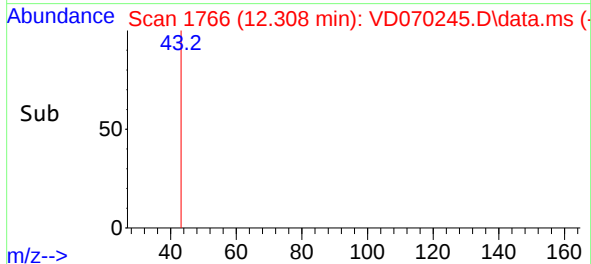
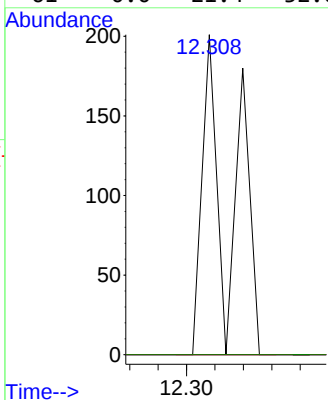
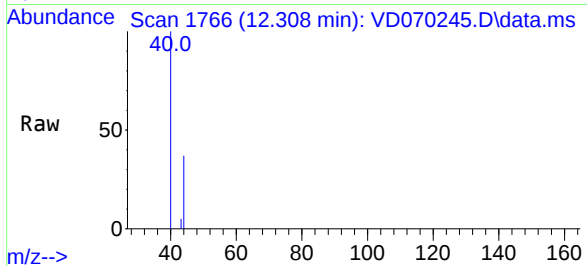




#74  
N-amy1 acetate  
Concen: 1.952 ug/l  
RT: 12.308 min Scan# 1766  
Delta R.T. 0.029 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

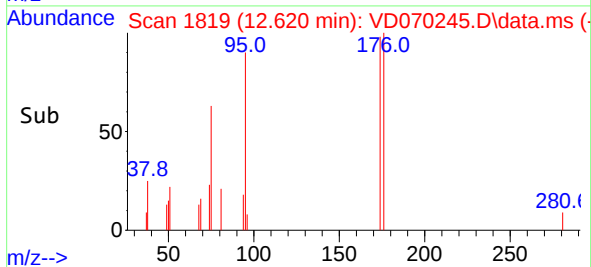
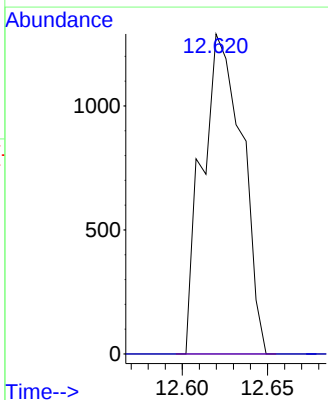
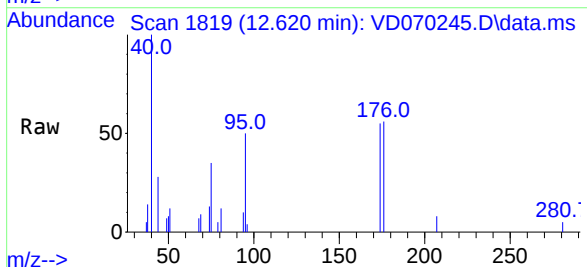
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

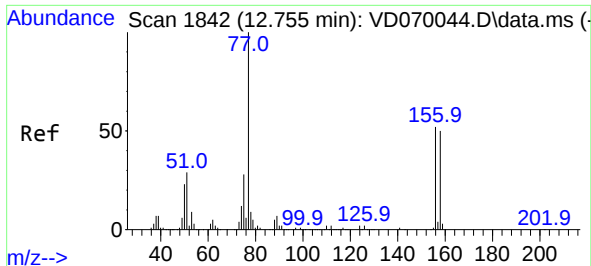
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 134   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 0.0   | 37.2  | 55.8# |
| 55       | 0.0   | 22.9  | 34.3# |
| 61       | 0.0   | 21.4  | 32.0# |



#76  
1,2,3-Trichloropropane  
Concen: 47.745 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.153 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 2114   |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 0.0   | 182.4 | 547.2# |

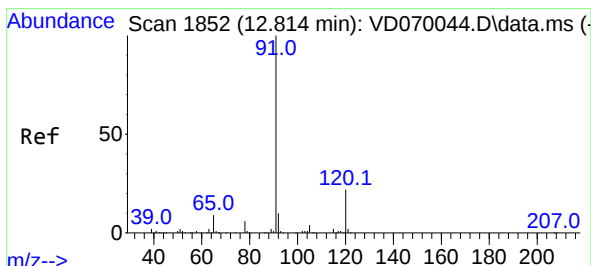
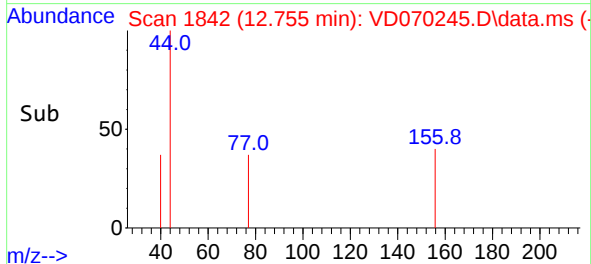
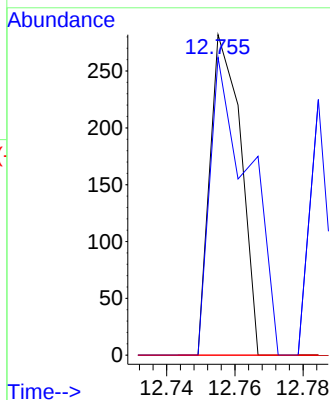
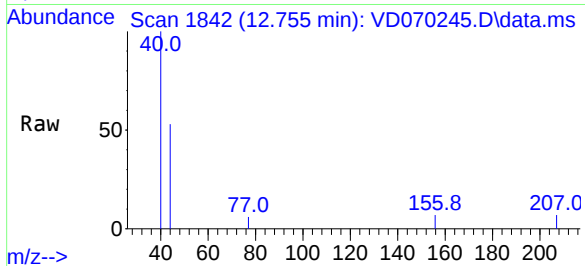




#77  
Bromobenzene  
Concen: 2.505 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

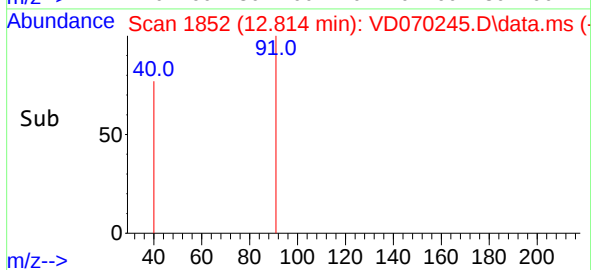
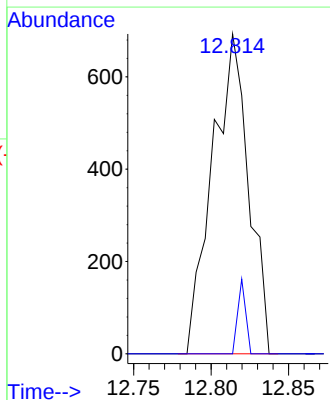
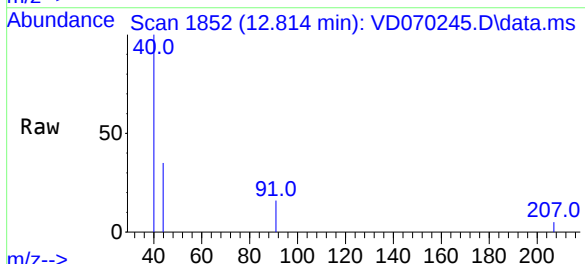
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

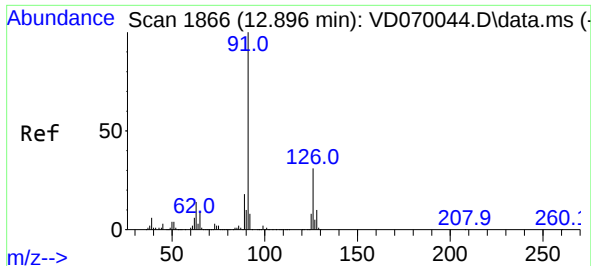
Tgt Ion:156 Resp: 177  
Ion Ratio Lower Upper  
156 100  
77 118.1 106.9 320.7  
158 0.0 47.6 142.8#



#78  
n-propylbenzene  
Concen: 2.745 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion: 91 Resp: 1127  
Ion Ratio Lower Upper  
91 100  
120 5.1 10.9 32.9#

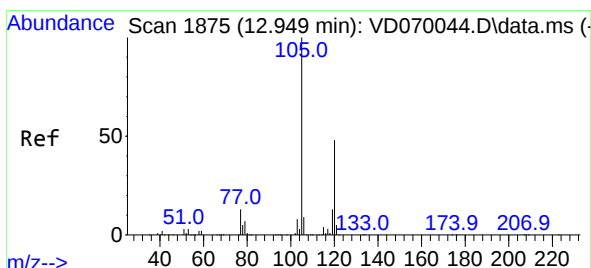
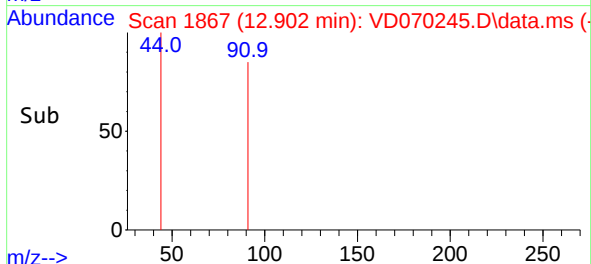
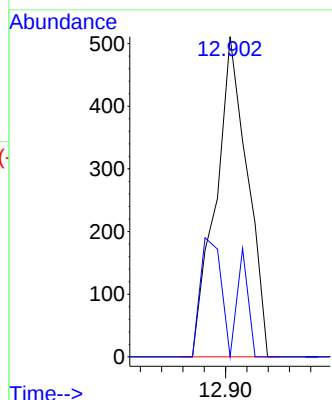
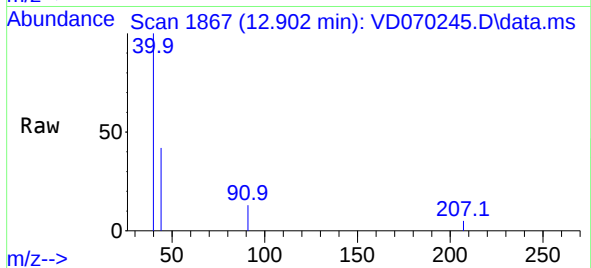




#79  
2-Chlorotoluene  
Concen: 2.227 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

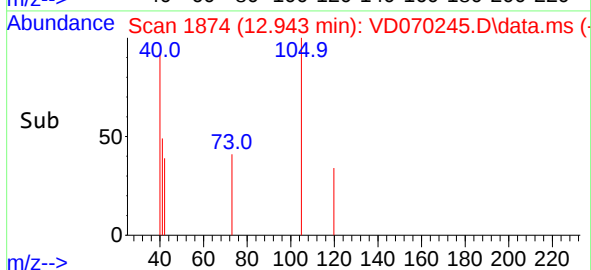
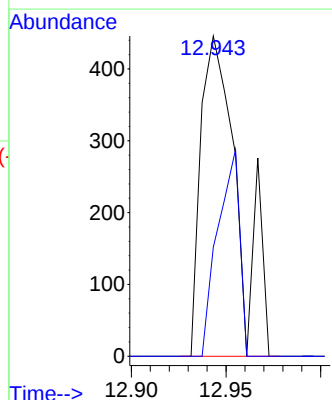
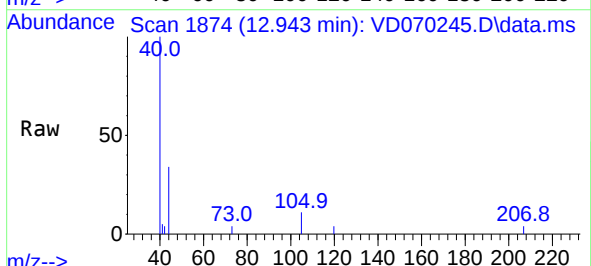
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

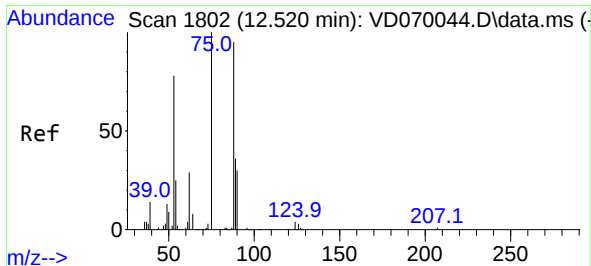
Tgt Ion: 91 Resp: 526  
Ion Ratio Lower Upper  
91 100  
126 35.9 16.0 48.0



#80  
1,3,5-Trimethylbenzene  
Concen: 2.247 ug/l  
RT: 12.943 min Scan# 1874  
Delta R.T. -0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion: 105 Resp: 609  
Ion Ratio Lower Upper  
105 100  
120 38.1 24.5 73.5

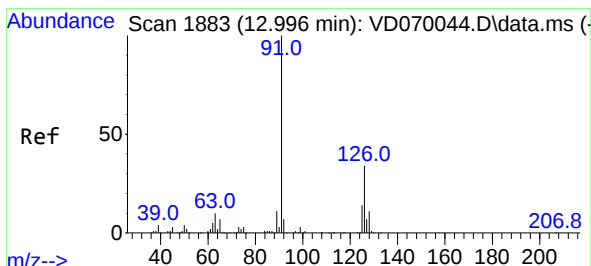
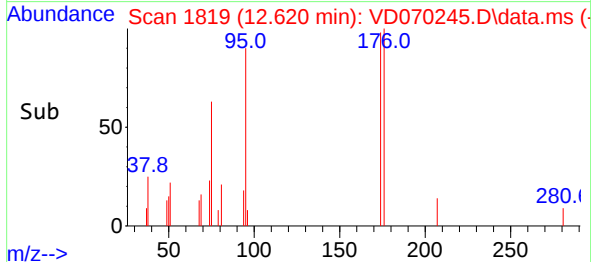
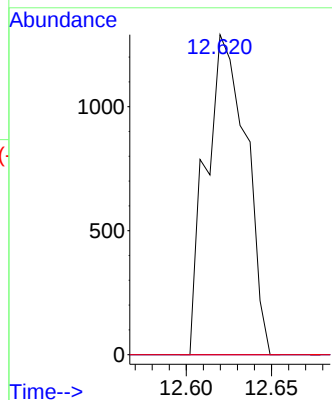
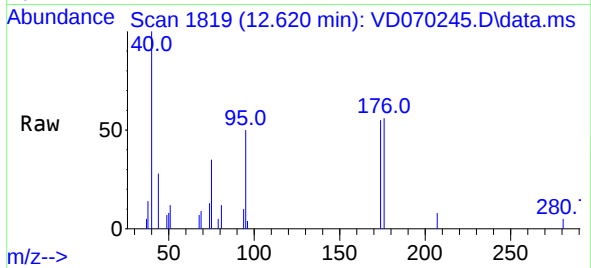




#81  
trans-1,4-Dichloro-2-butene  
Concen: 123.927 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. 0.100 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

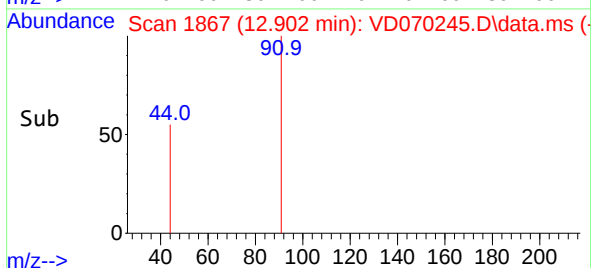
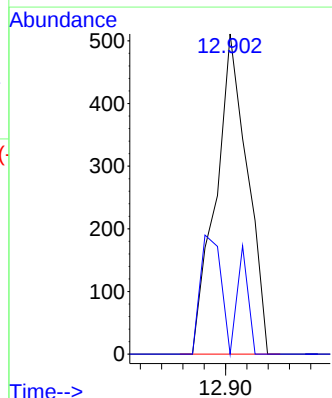
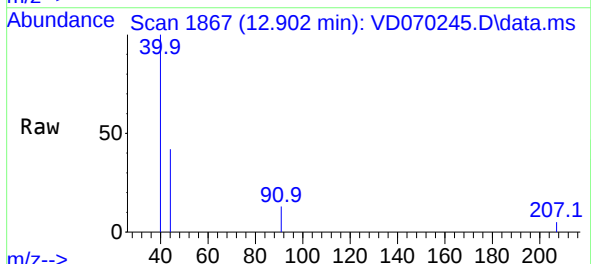
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

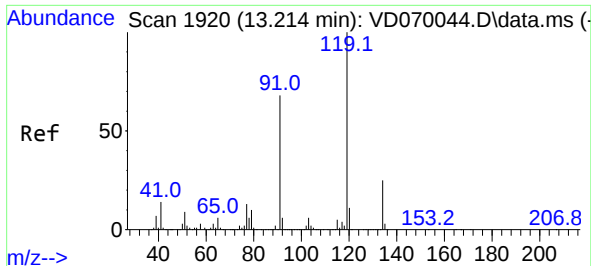
Tgt Ion: 75 Resp: 2114  
Ion Ratio Lower Upper  
75 100  
53 0.0 64.5 96.7#  
89 0.0 33.7 50.5#



#82  
4-Chlorotoluene  
Concen: 2.126 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. -0.094 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

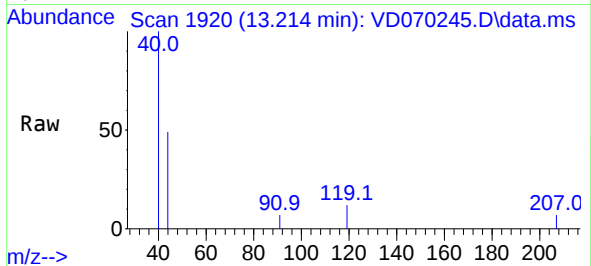
Tgt Ion: 91 Resp: 526  
Ion Ratio Lower Upper  
91 100  
126 35.9 16.3 48.8



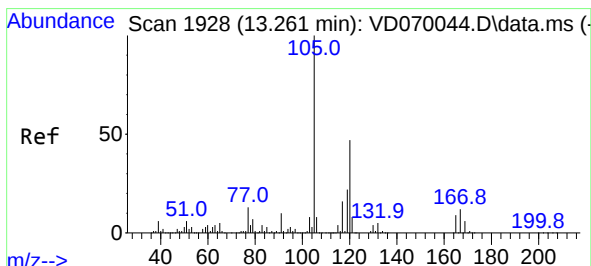
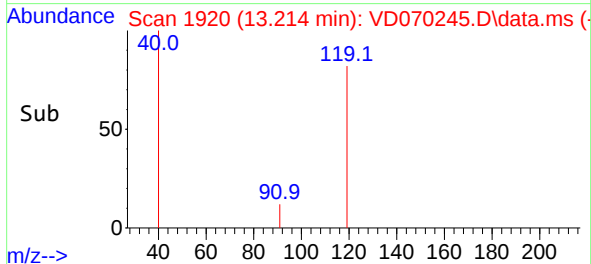
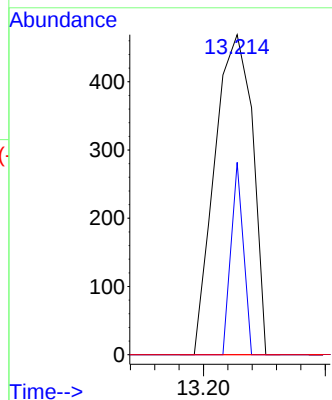


#83  
tert-Butylbenzene  
Concen: 2.292 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

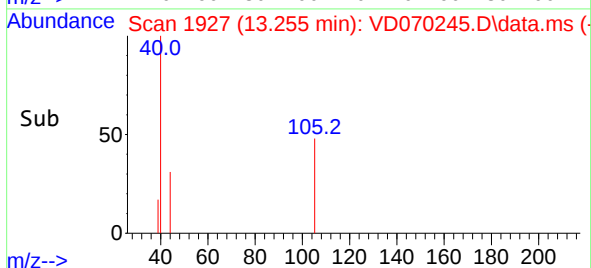
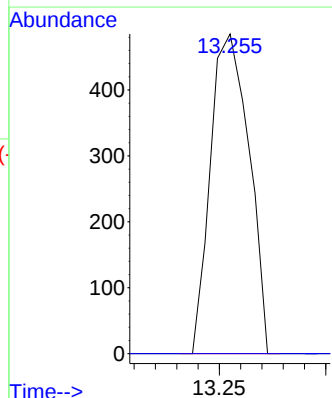
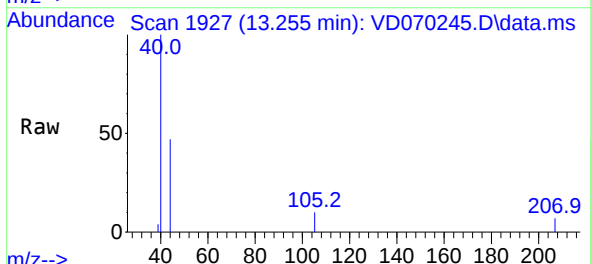


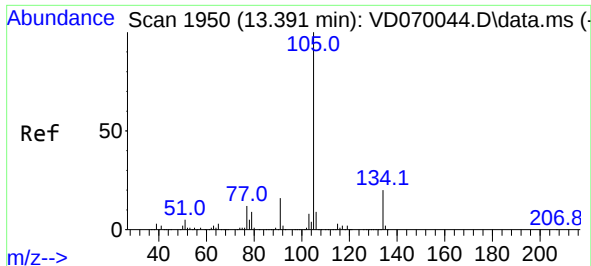
Tgt Ion:119 Resp: 505  
Ion Ratio Lower Upper  
119 100  
91 19.6 34.0 101.8#  
134 0.0 13.2 39.6#



#84  
1,2,4-Trimethylbenzene  
Concen: 2.269 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion:105 Resp: 610  
Ion Ratio Lower Upper  
105 100  
120 0.0 22.5 67.5#

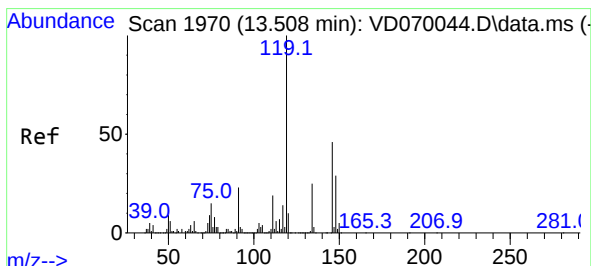
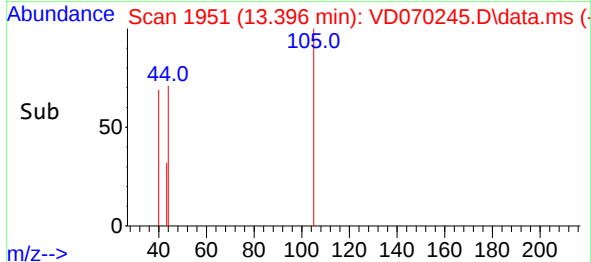
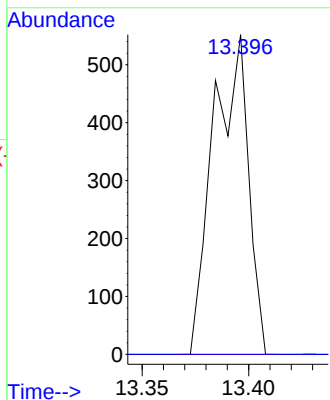
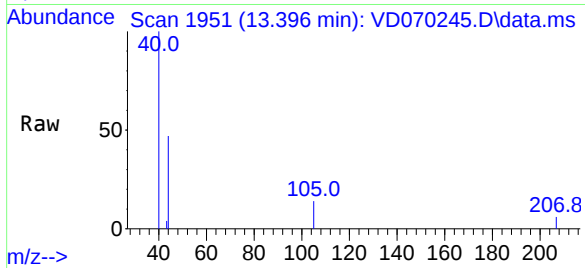




#85  
 sec-Butylbenzene  
 Concen: 1.779 ug/l  
 RT: 13.396 min Scan# 1951  
 Delta R.T. 0.006 min  
 Lab File: VD070245.D  
 Acq: 25 Aug 2021 12:20

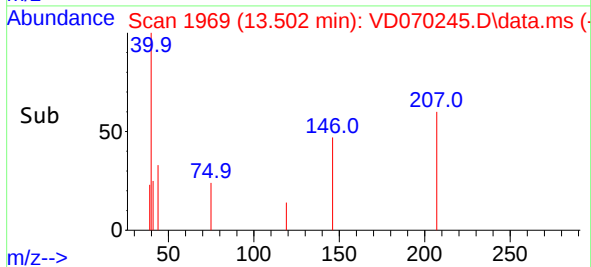
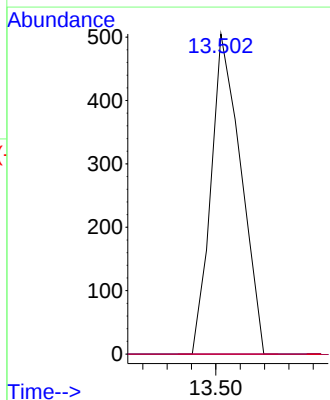
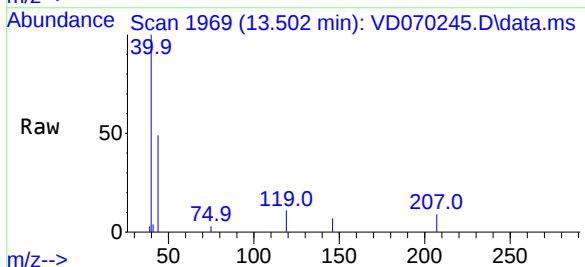
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 130-ARE

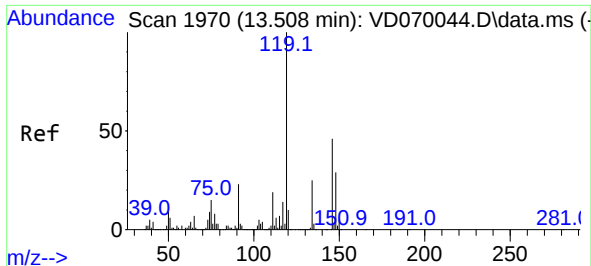
Tgt Ion:105 Resp: 628  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 9.8 29.3#



#86  
 p-Isopropyltoluene  
 Concen: 1.508 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.006 min  
 Lab File: VD070245.D  
 Acq: 25 Aug 2021 12:20

Tgt Ion:119 Resp: 430  
 Ion Ratio Lower Upper  
 119 100  
 134 0.0 12.8 38.3#  
 91 0.0 11.6 34.8#



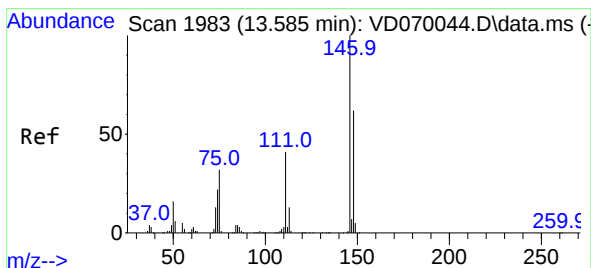
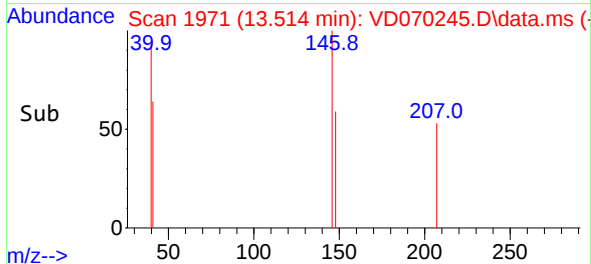
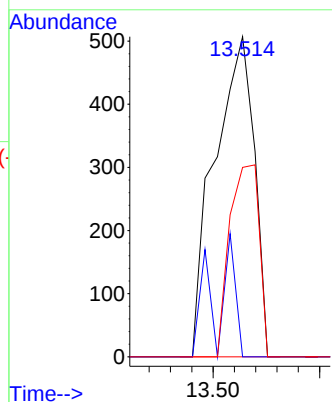
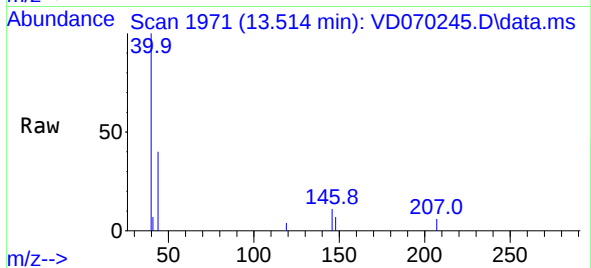


#87

1,3-Dichlorobenzene  
Concen: 4.362 ug/l  
RT: 13.514 min Scan# 1971  
Delta R.T. 0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Instrument :  
MSVOA\_D  
ClientSampled :  
130-ARE

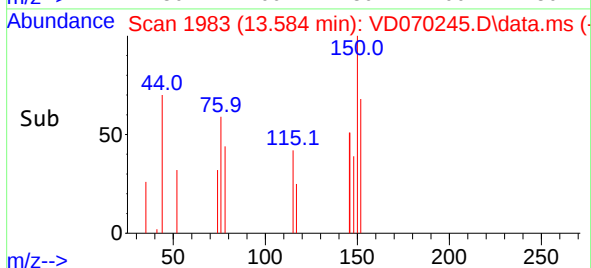
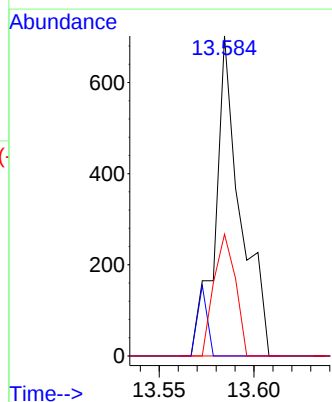
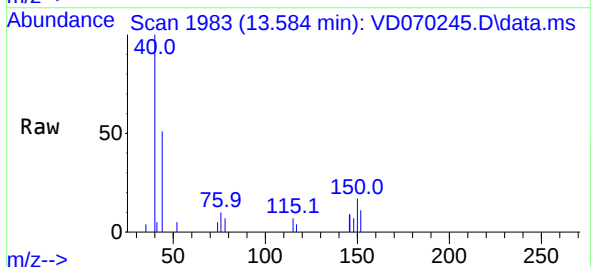
Tgt Ion:146 Resp: 655  
Ion Ratio Lower Upper  
146 100  
111 0.0 21.3 64.0#  
148 44.6 31.8 95.4

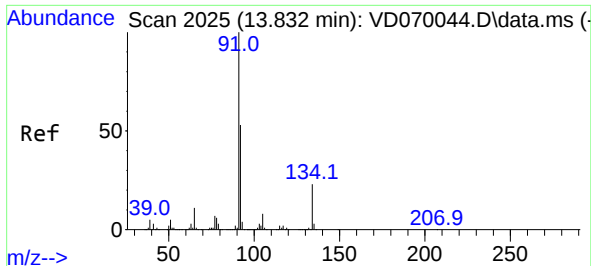


#88

1,4-Dichlorobenzene  
Concen: 4.357 ug/l  
RT: 13.584 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion:146 Resp: 648  
Ion Ratio Lower Upper  
146 100  
111 8.5 20.3 60.8#  
148 32.6 31.3 93.9

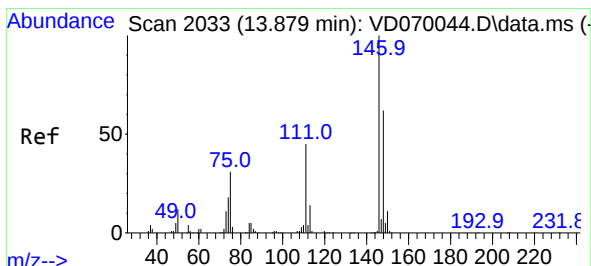
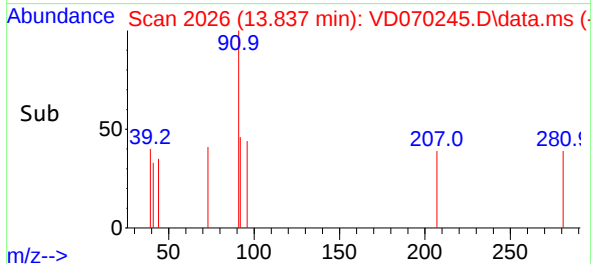
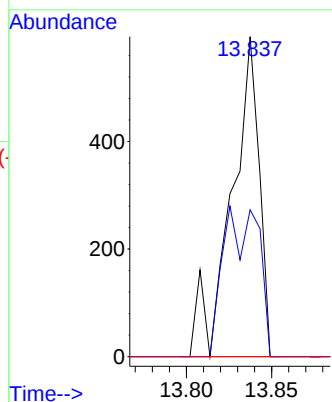
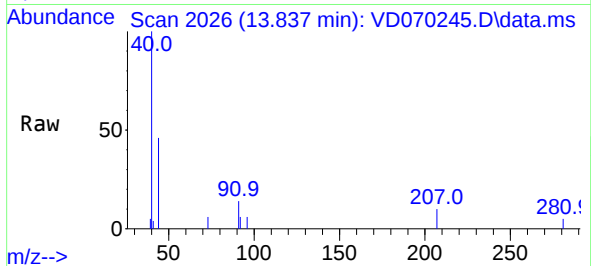




#89  
n-Butylbenzene  
Concen: 2.412 ug/l  
RT: 13.837 min Scan# 2026  
Delta R.T. 0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

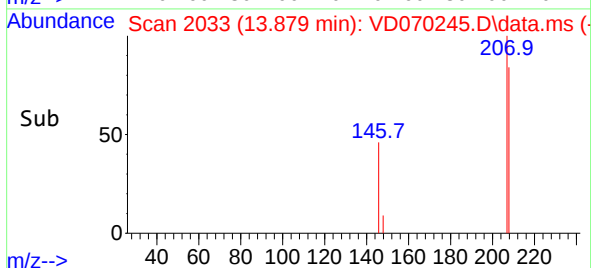
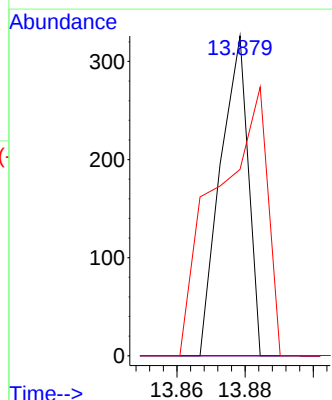
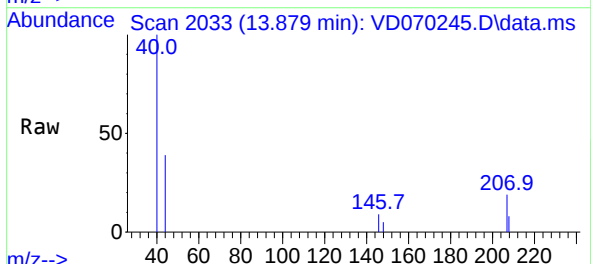
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

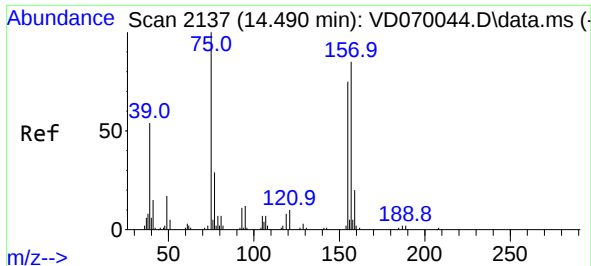
Tgt Ion: 91 Resp: 675  
Ion Ratio Lower Upper  
91 100  
92 59.3 27.1 81.3  
134 0.0 11.8 35.3#



#91  
1,2-Dichlorobenzene  
Concen: 1.430 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

Tgt Ion: 146 Resp: 184  
Ion Ratio Lower Upper  
146 100  
111 0.0 22.4 67.2#  
148 153.3 31.8 95.4#

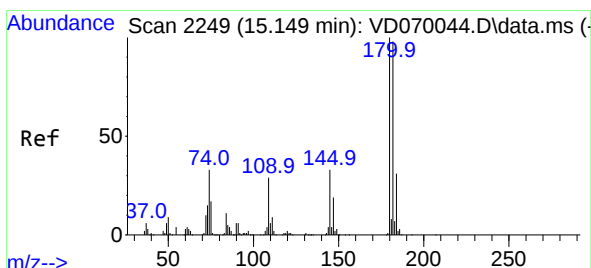
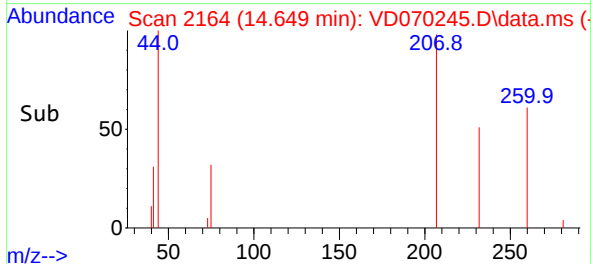
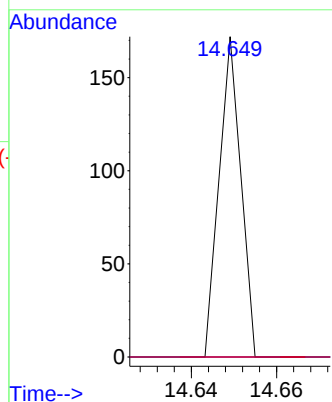
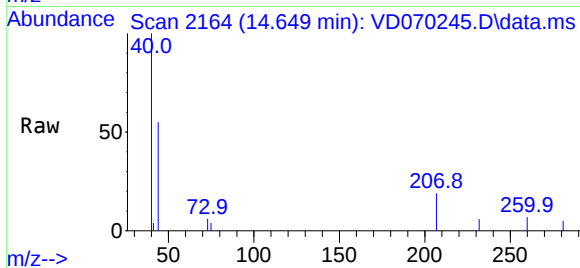




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 6.429 ug/l  
 RT: 14.649 min Scan# 2164  
 Delta R.T. 0.159 min  
 Lab File: VD070245.D  
 Acq: 25 Aug 2021 12:20

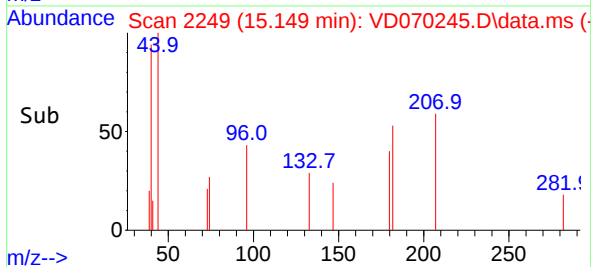
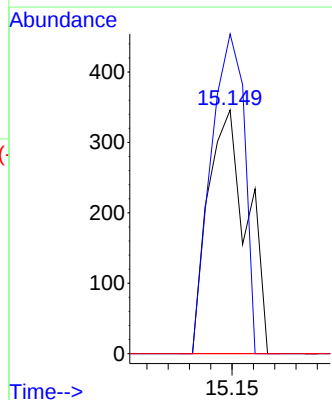
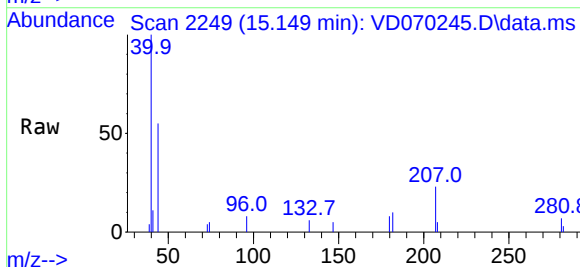
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 130-ARE

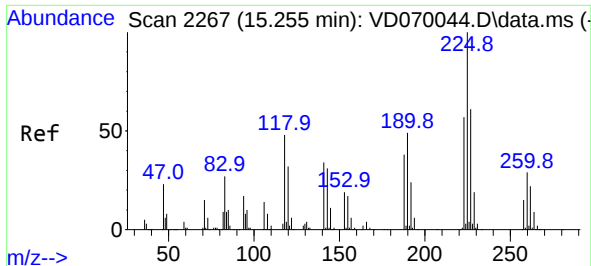
Tgt Ion: 75 Resp: 61  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 35.3 105.9#  
 157 0.0 46.8 140.3#



#93  
 1,2,4-Trichlorobenzene  
 Concen: 6.136 ug/l  
 RT: 15.149 min Scan# 2249  
 Delta R.T. -0.000 min  
 Lab File: VD070245.D  
 Acq: 25 Aug 2021 12:20

Tgt Ion: 180 Resp: 439  
 Ion Ratio Lower Upper  
 180 100  
 182 113.0 47.9 143.6  
 145 0.0 16.3 48.9#

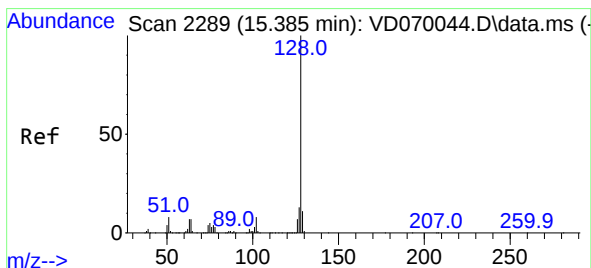
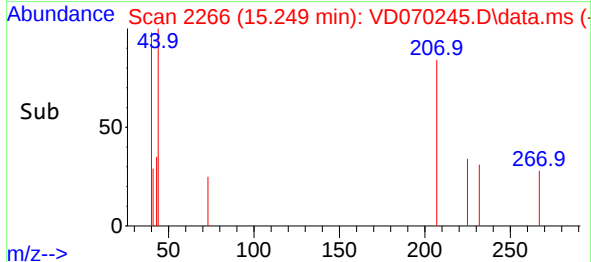
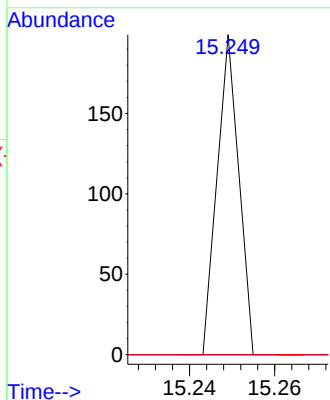
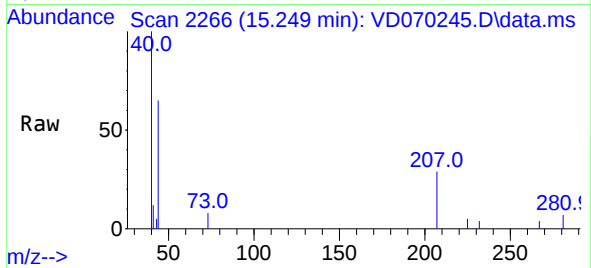




#94  
Hexachlorobutadiene  
Concen: 1.656 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. -0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

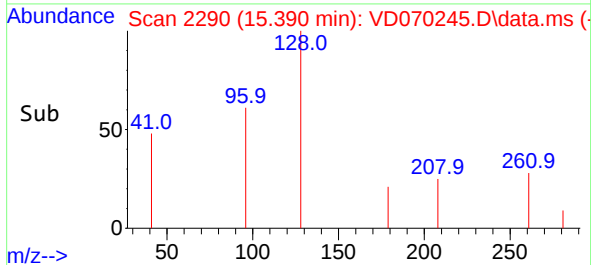
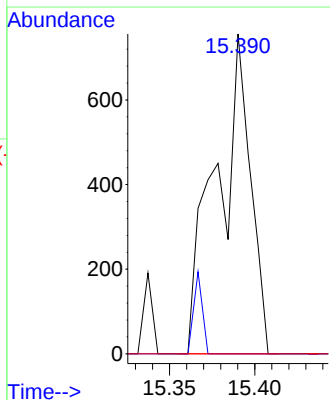
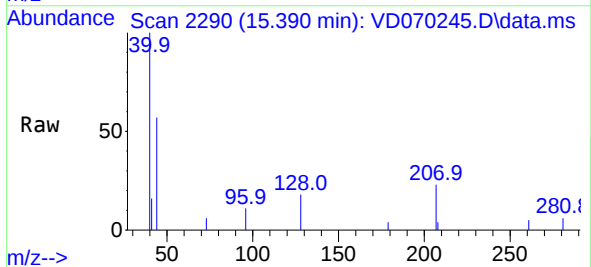
Instrument :  
MSVOA\_D  
ClientSampleId :  
130-ARE

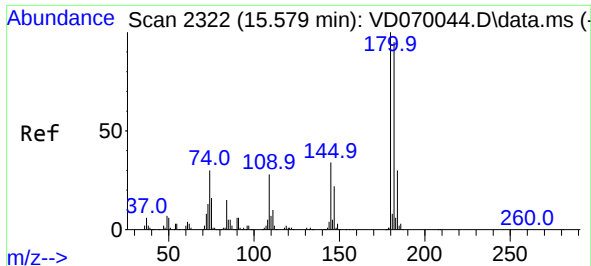
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 70    |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 30.5  | 91.5# |
| 227      | 0.0   | 31.4  | 94.2# |



#95  
Naphthalene  
Concen: 8.033 ug/l  
RT: 15.390 min Scan# 2290  
Delta R.T. 0.006 min  
Lab File: VD070245.D  
Acq: 25 Aug 2021 12:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 1046  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 0.0   | 10.5  | 15.7# |
| 129      | 0.0   | 8.3   | 12.5# |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 6.020 ug/l  
 RT: 15.573 min Scan# 2321  
 Delta R.T. -0.006 min  
 Lab File: VD070245.D  
 Acq: 25 Aug 2021 12:20

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 130-ARE

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 376   |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 95.2  | 47.9  | 143.6 |
| 145      | 0.0   | 16.8  | 50.3# |

