

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092021\  
 Data File : VD070384.D  
 Acq On : 20 Sep 2021 15:17  
 Operator : VA/SY  
 Sample : M3798-03  
 Misc : 6.54G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 NAPL-07-(15-18)

Quant Time: Sep 21 03:34:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 09 03:07:09 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|-----------|-------|-----------|
| -----                         |        |       |          |           |       |           |
| Internal Standards            |        |       |          |           |       |           |
| 1) Pentafluorobenzene         | 7.979  | 168   | 414459   | 50.000    | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene       | 8.861  | 114   | 828234   | 50.000    | ug/l  | 0.00      |
| 63) Chlorobenzene-d5          | 11.638 | 117   | 1113134  | 50.000    | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4    | 13.567 | 152   | 621909   | 50.000    | ug/l  | 0.00      |
|                               |        |       |          |           |       |           |
| System Monitoring Compounds   |        |       |          |           |       |           |
| 33) 1,2-Dichloroethane-d4     | 8.326  | 65    | 232117   | 43.617    | ug/l  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | =     | 87.240%   |
| 35) Dibromofluoromethane      | 7.909  | 113   | 274980   | 46.643    | ug/l  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | =     | 93.280%   |
| 50) Toluene-d8                | 10.338 | 98    | 1172782  | 54.790    | ug/l  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 49 - 140 | Recovery  | =     | 109.580%  |
| 62) 4-Bromofluorobenzene      | 12.620 | 95    | 816812   | 109.188   | ug/l  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 25 - 144 | Recovery  | =     | 218.380%# |
|                               |        |       |          |           |       |           |
| Target Compounds              |        |       |          |           |       |           |
| 2) Dichlorodifluoromethane    | 1.985  | 85    | 173      | Below Cal | #     | 43        |
| 3) Chloromethane              | 2.221  | 50    | 972      | Below Cal |       | 94        |
| 4) Vinyl Chloride             | 2.350  | 62    | 50625    | 7.763     | ug/l  | 94        |
| 5) Bromomethane               | 2.779  | 94    | 1656     | Below Cal | #     | 28        |
| 6) Chloroethane               | 2.915  | 64    | 71       | Below Cal | #     | 43        |
| 10) Methyl Iodide             | 4.297  | 142   | 295      | 1.085     | ug/l  | # 66      |
| 16) Acetone                   | 4.173  | 43    | 3132     | 3.296     | ug/l  | # 69      |
| 18) Methyl Acetate            | 4.932  | 43    | 283      | Below Cal | #     | 48        |
| 20) Methylene Chloride        | 4.973  | 84    | 20210    | Below Cal | #     | 87        |
| 27) cis-1,2-Dichloroethene    | 7.209  | 96    | 617038   | 100.004   | ug/l  | 90        |
| 31) Cyclohexane               | 7.973  | 56    | 12663    | 1.381     | ug/l  | # 1       |
| 36) 1,1-Dichloropropene       | 7.973  | 75    | 37644    | 4.252     | ug/l  | # 49      |
| 38) Carbon Tetrachloride      | 7.973  | 117   | 46822    | 5.348     | ug/l  | # 16      |
| 39) Methylcyclohexane         | 9.350  | 83    | 27939    | 2.825     | ug/l  | 94        |
| 43) Isopropyl Acetate         | 8.503  | 43    | 34507    | 5.638     | ug/l  | # 46      |
| 44) Trichloroethene           | 9.108  | 130   | 22508    | 3.630     | ug/l  | 90        |
| 55) 1,1,2-Trichloroethane     | 10.767 | 97    | 32353    | 6.710     | ug/l  | # 24      |
| 56) Ethyl methacrylate        | 10.673 | 69    | 16202    | 3.078     | ug/l  | # 1       |
| 59) 2-Hexanone                | 10.950 | 43    | 131176   | 62.074    | ug/l  | # 25      |
| 64) Tetrachloroethene         | 10.867 | 164   | 10615    | 1.566     | ug/l  | # 86      |
| 65) Chlorobenzene             | 11.773 | 112   | 23363    | 1.013     | ug/l  | # 44      |
| 73) Isopropylbenzene          | 12.473 | 105   | 182408   | 4.182     | ug/l  | 99        |
| 74) N-amyl acetate            | 12.261 | 43    | 1547410  | 162.837   | ug/l  | # 52      |
| 75) 1,1,2,2-Tetrachloroethane | 12.691 | 83    | 160312   | 17.162    | ug/l  | # 67      |
| 76) 1,2,3-Trichloropropane    | 12.620 | 75    | 302207   | 48.040    | ug/l  | # 1       |
| 78) n-propylbenzene           | 12.808 | 91    | 605518   | 10.697    | ug/l  | 98        |
| 79) 2-Chlorotoluene           | 12.949 | 91    | 60327    | 1.828     | ug/l  | 77        |
| 81) trans-1,4-Dichloro-2-b... | 12.620 | 75    | 302207   | 120.370   | ug/l  | # 30      |
| 82) 4-Chlorotoluene           | 12.949 | 91    | 54057    | 1.553     | ug/l  | # 67      |
| 83) tert-Butylbenzene         | 13.214 | 119   | 136447   | 4.520     | ug/l  | 89        |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105   | 325905   | 8.792     | ug/l  | 99        |
| 85) sec-Butylbenzene          | 13.391 | 105   | 623028   | 12.983    | ug/l  | # 64      |
| 86) p-Isopropyltoluene        | 13.502 | 119   | 96384    | 2.500     | ug/l  | 95        |
| 89) n-Butylbenzene            | 13.832 | 91    | 351067   | 9.133     | ug/l  | # 82      |
| 90) Hexachloroethane          | 14.102 | 117   | 46417    | 5.259     | ug/l  | # 18      |
| 95) Naphthalene               | 15.385 | 128   | 27177    | 1.498     | ug/l  | # 91      |

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Operator : VA/SY  
Sample : M3798-03  
Misc : 6.54G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 11 Sample Multiplier: 1

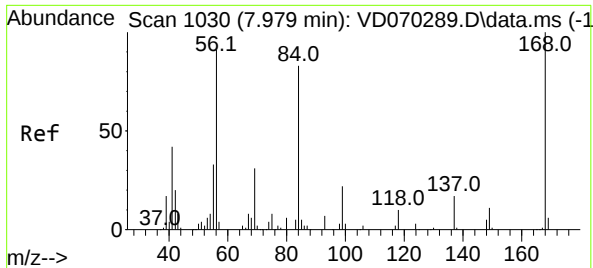
Instrument :  
MSVOA\_D  
ClientSampleId :  
NAPL-07-(15-18)

Quant Time: Sep 21 03:34:26 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 09 03:07:09 2021  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
| -----    |      |      |          |      |       |          |
| -----    |      |      |          |      |       |          |

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

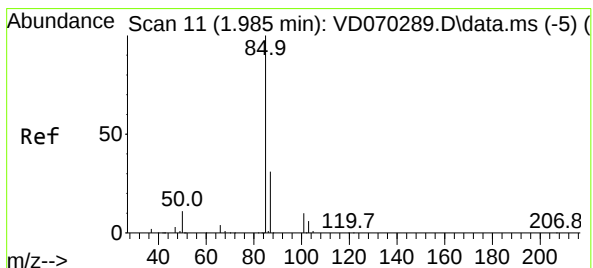
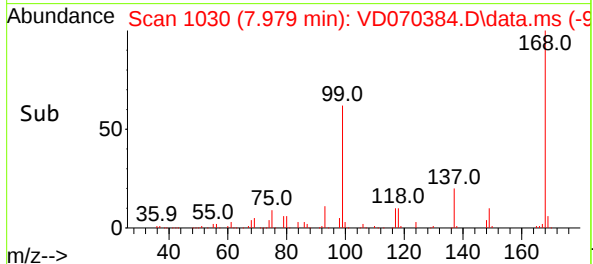
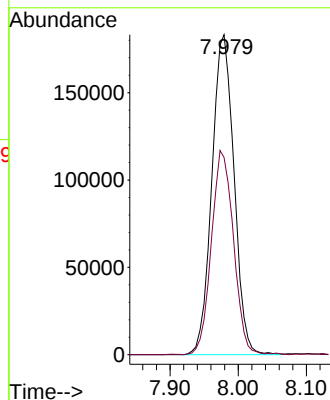
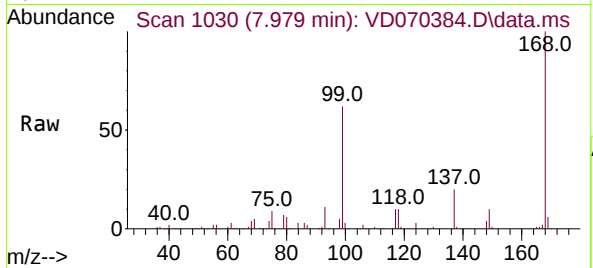




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

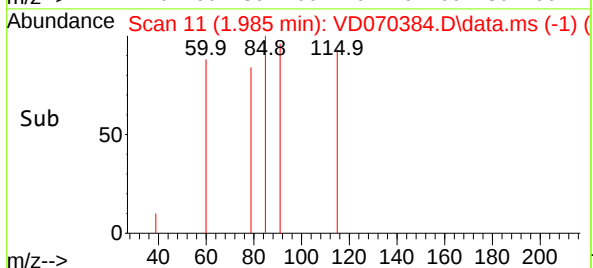
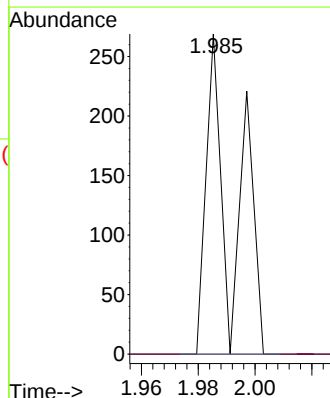
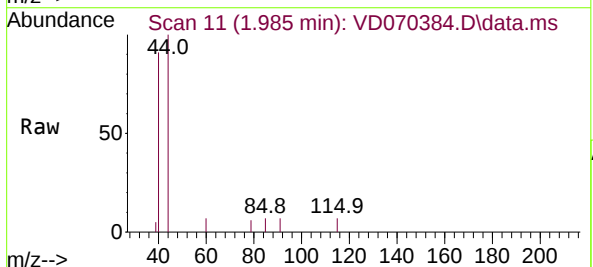
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MSVOA\_D  
ClientSampleId :  
NAPL-07-(15-18)

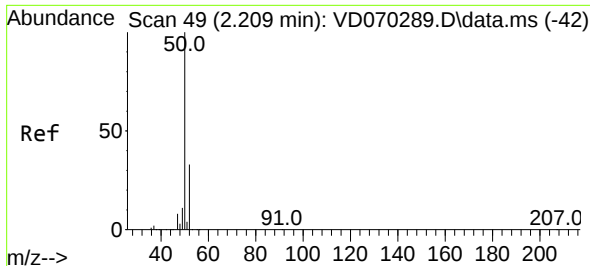
Tgt Ion:168 Resp: 414459  
Ion Ratio Lower Upper  
168 100  
99 61.5 50.8 76.2



#2  
Dichlorodifluoromethane  
Concen: Below Cal  
RT: 1.985 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion: 85 Resp: 173  
Ion Ratio Lower Upper  
85 100  
87 0.0 15.6 46.8#

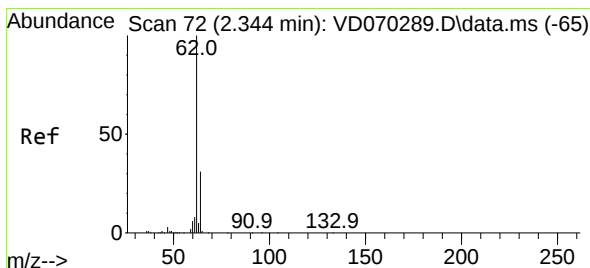
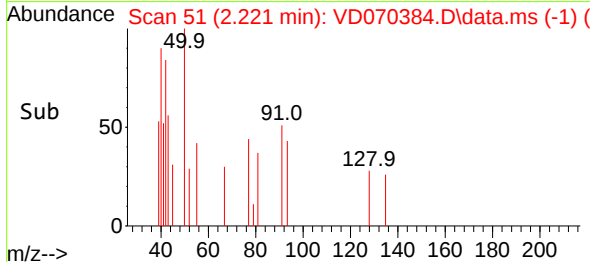
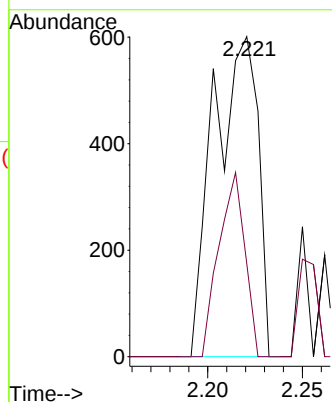
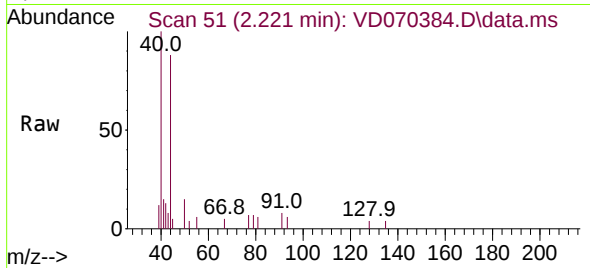




#3  
Chloromethane  
Concen: Below Cal  
RT: 2.221 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

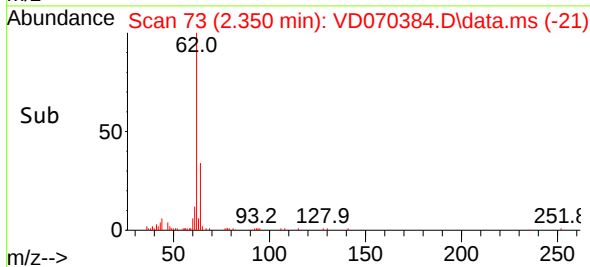
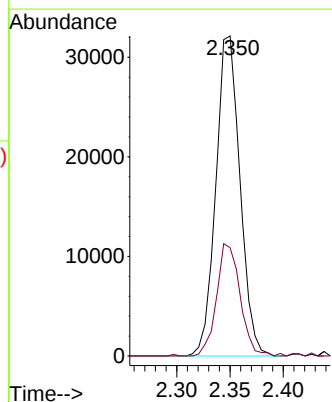
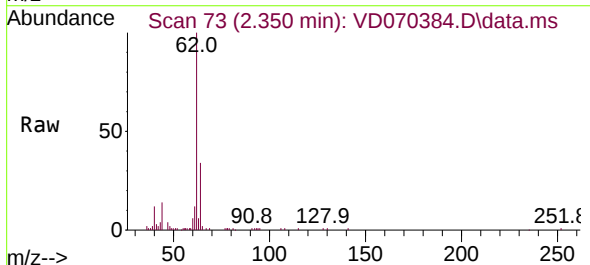
Instrument :  
MSVOA\_D  
ClientSampleId :  
NAPL-07-(15-18)

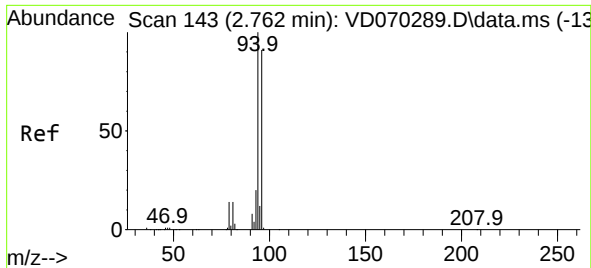
Tgt Ion: 50 Resp: 972  
Ion Ratio Lower Upper  
50 100  
52 29.1 26.2 39.2



#4  
Vinyl Chloride  
Concen: 7.763 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. 0.006 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion: 62 Resp: 50625  
Ion Ratio Lower Upper  
62 100  
64 33.8 24.6 36.8

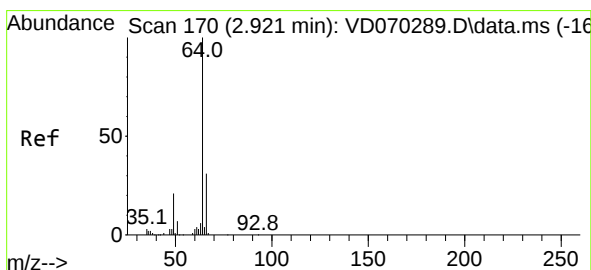
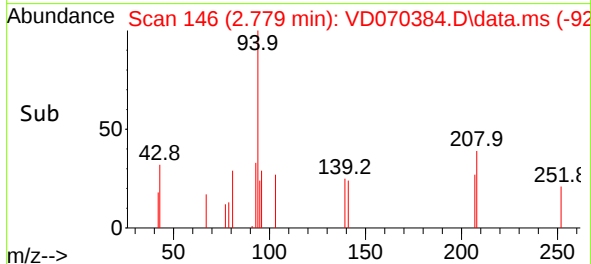
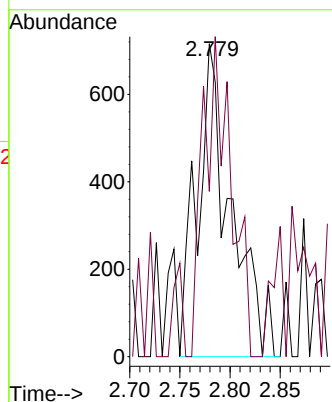
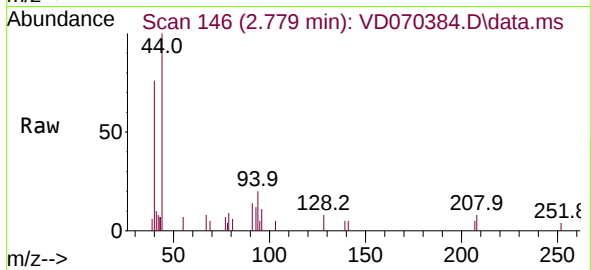




#5  
Bromomethane  
Concen: Below Cal  
RT: 2.779 min Scan# 146  
Delta R.T. 0.017 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

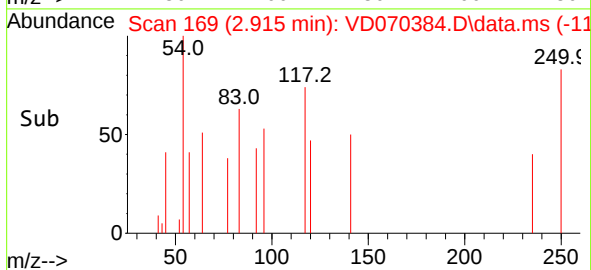
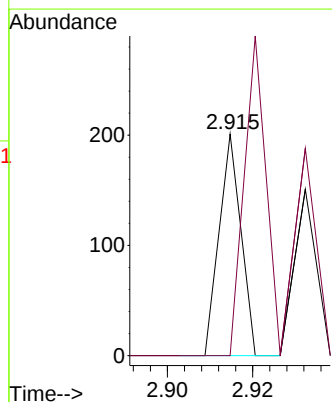
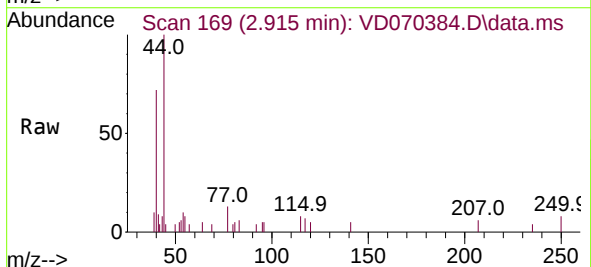
Instrument :  
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NAPL-07-(15-18)

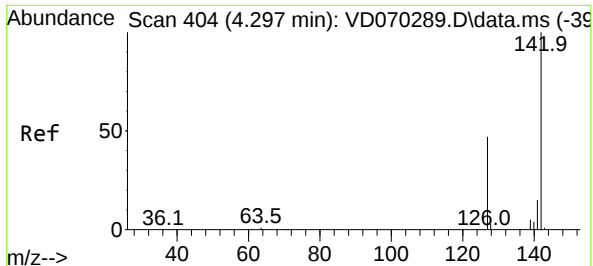
Tgt Ion: 94 Resp: 1656  
Ion Ratio Lower Upper  
94 100  
96 22.9 73.0 109.6#



#6  
Chloroethane  
Concen: Below Cal  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion: 64 Resp: 71  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.0 37.4#

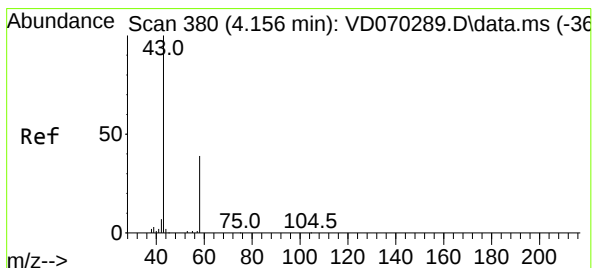
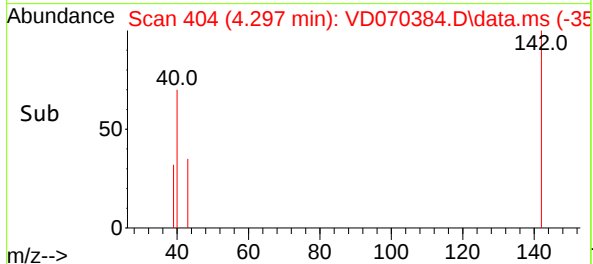
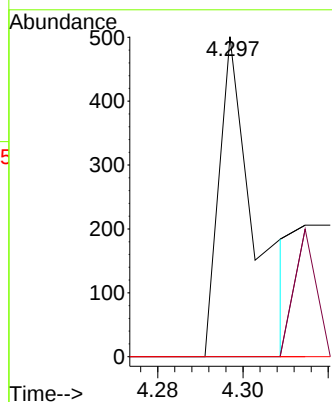
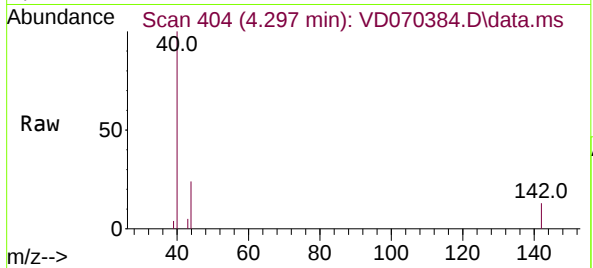




#10  
Methyl Iodide  
Concen: 1.085 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

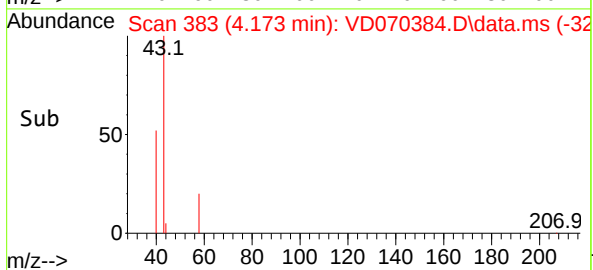
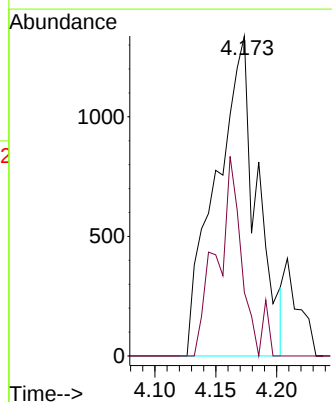
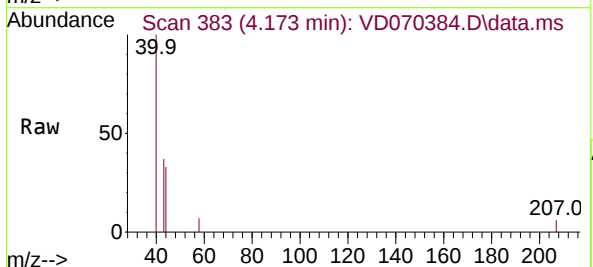
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NAPL-07-(15-18)

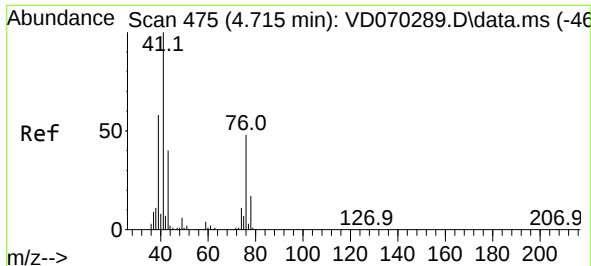
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 295   |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 24.1  | 36.9  | 55.3# |
| 141      | 0.0   | 11.8  | 17.6# |



#16  
Acetone  
Concen: 3.296 ug/l  
RT: 4.173 min Scan# 383  
Delta R.T. 0.018 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 3132  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 19.9  | 30.9  | 46.3# |

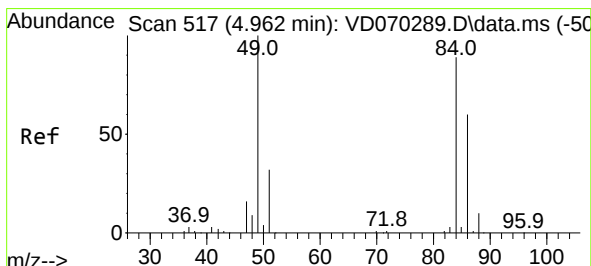
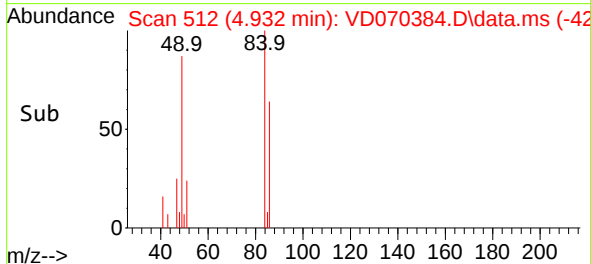
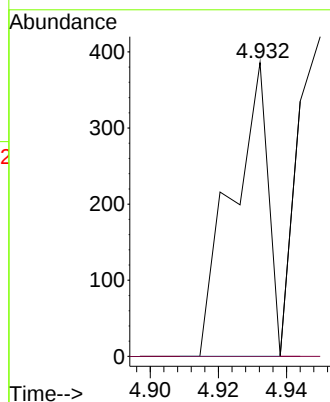
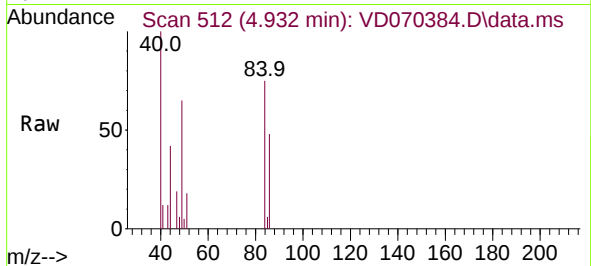




#18  
Methyl Acetate  
Concen: Below Cal  
RT: 4.932 min Scan# 512  
Delta R.T. 0.217 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

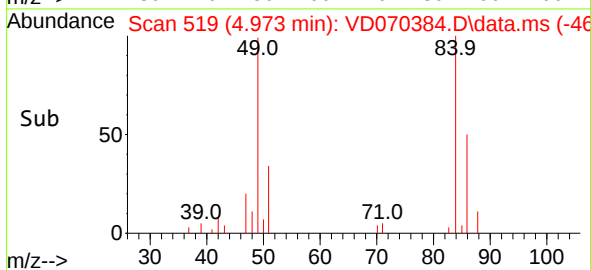
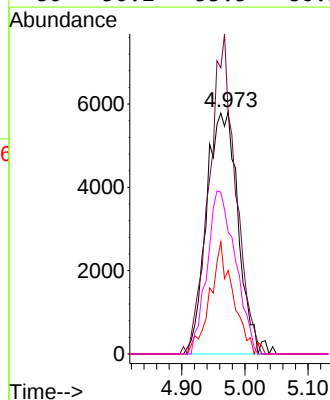
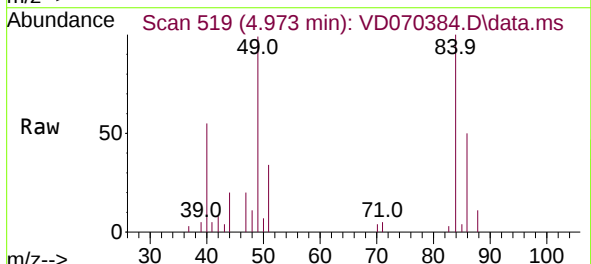
Instrument :  
MSVOA\_D  
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NAPL-07-(15-18)

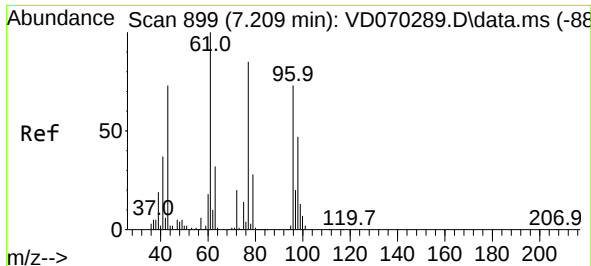
Tgt Ion: 43 Resp: 283  
Ion Ratio Lower Upper  
43 100  
74 0.0 21.6 32.4#



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.973 min Scan# 519  
Delta R.T. 0.011 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

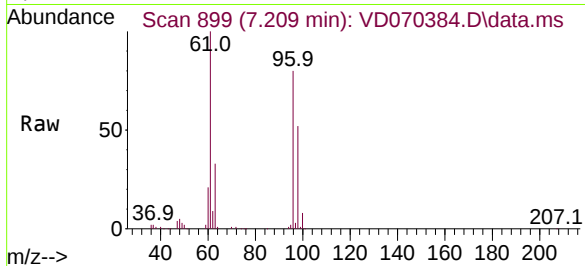
Tgt Ion: 84 Resp: 20210  
Ion Ratio Lower Upper  
84 100  
49 99.1 89.6 134.4  
51 34.5 28.6 43.0  
86 50.2 53.5 80.3#



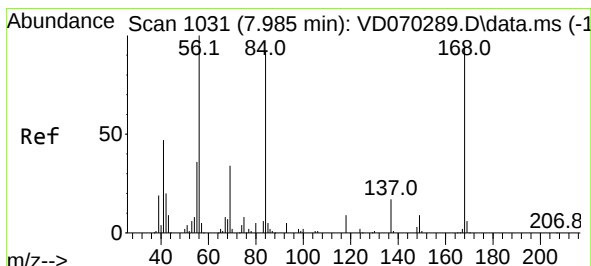
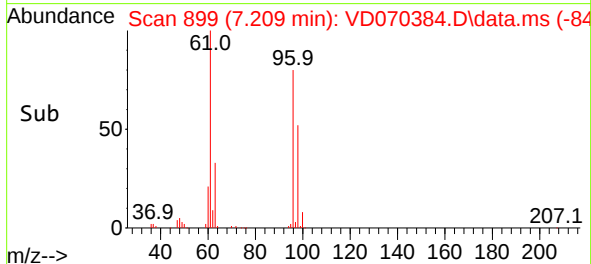
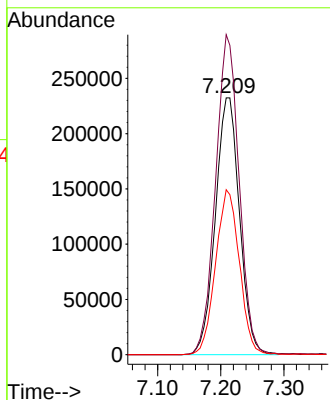


#27  
 cis-1,2-Dichloroethene  
 Concen: 100.004 ug/l  
 RT: 7.209 min Scan# 899  
 Delta R.T. 0.000 min  
 Lab File: VD070384.D  
 Acq: 20 Sep 2021 15:17

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 NAPL-07-(15-18)

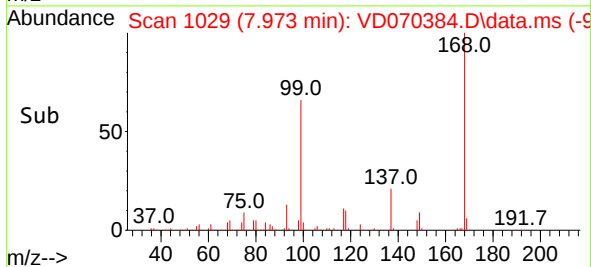
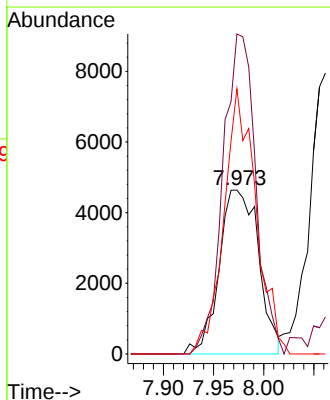
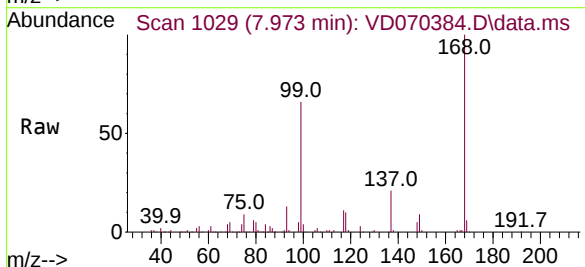


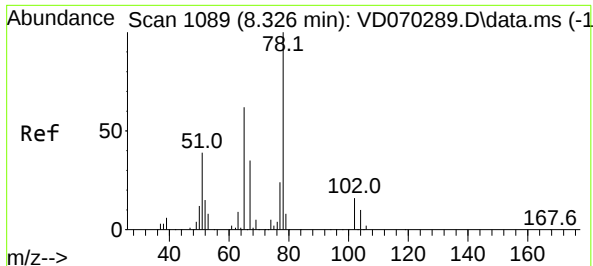
| Tgt Ion: | 96    | Resp: | 617038 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 121.5 | 0.0   | 277.4  |
| 98       | 63.4  | 0.0   | 130.0  |



#31  
 Cyclohexane  
 Concen: 1.381 ug/l  
 RT: 7.973 min Scan# 1029  
 Delta R.T. -0.012 min  
 Lab File: VD070384.D  
 Acq: 20 Sep 2021 15:17

| Tgt Ion: | 56    | Resp: | 12663  |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 195.3 | 26.9  | 40.3#  |
| 84       | 161.8 | 73.6  | 110.4# |

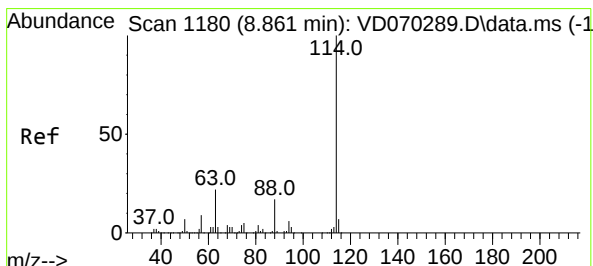
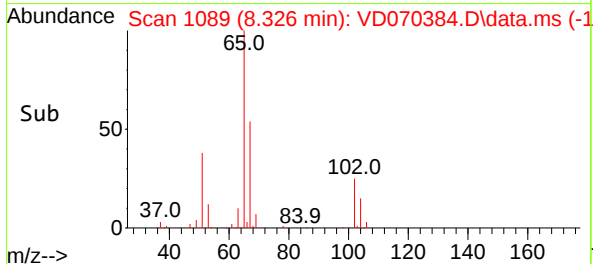
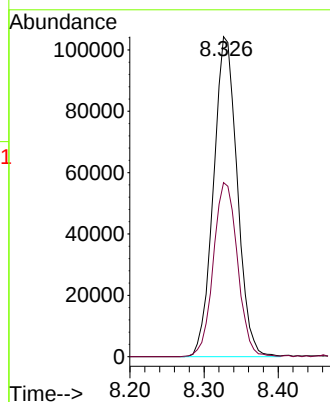
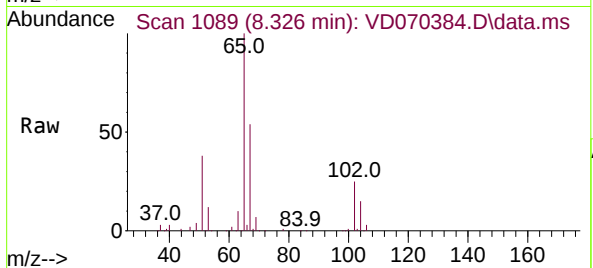




#33  
1,2-Dichloroethane-d4  
Concen: 43.617 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

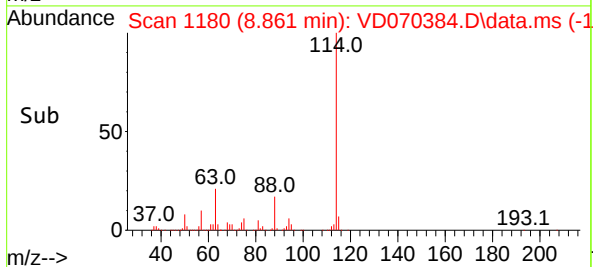
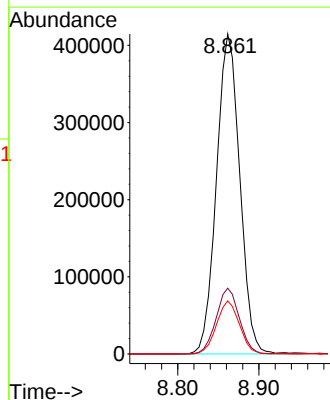
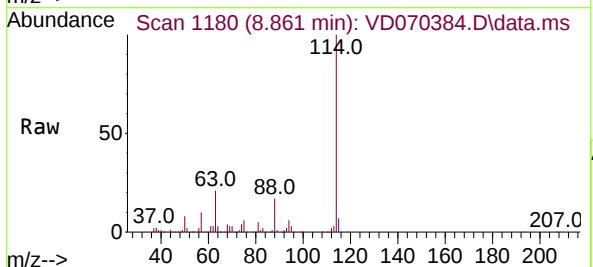
Instrument :  
MSVOA\_D  
ClientSampleId :  
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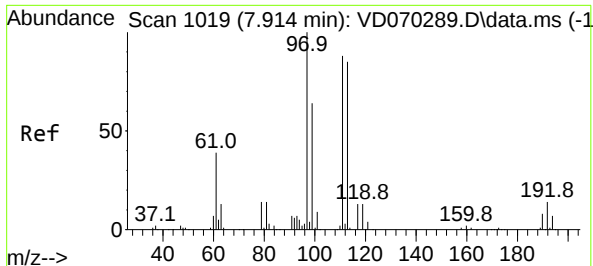
Tgt Ion: 65 Resp: 232117  
Ion Ratio Lower Upper  
65 100  
67 55.3 0.0 111.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion: 114 Resp: 828234  
Ion Ratio Lower Upper  
114 100  
63 20.6 0.0 43.4  
88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.643 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070384.D

Acq: 20 Sep 2021 15:17

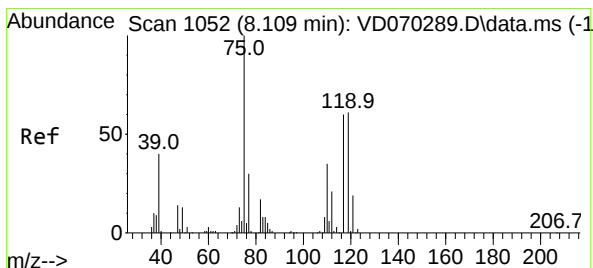
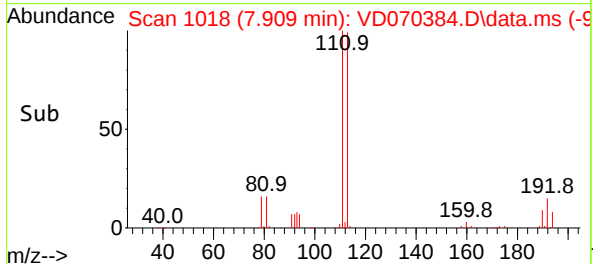
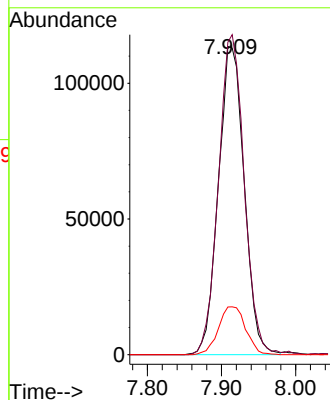
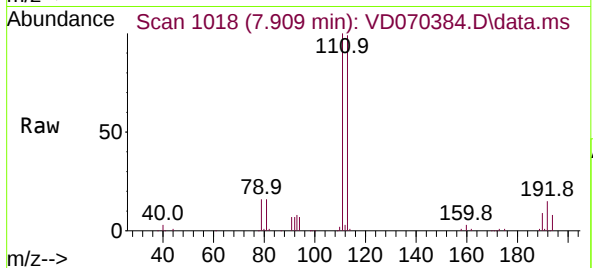
Tgt Ion:113 Resp: 274980

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.2

192 16.4 13.0 19.6



#36

1,1-Dichloropropene

Concen: 4.252 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD070384.D

Acq: 20 Sep 2021 15:17

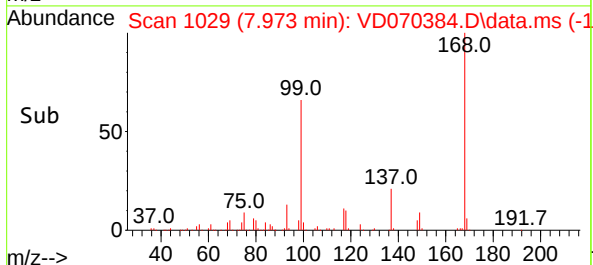
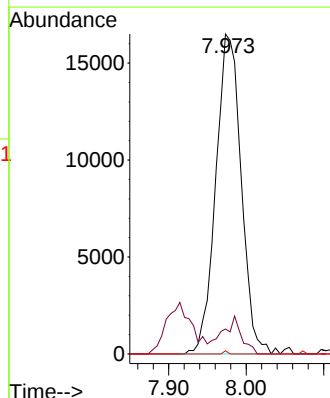
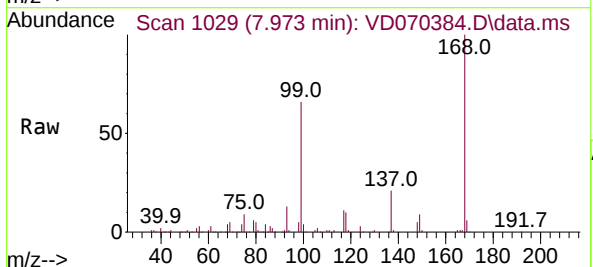
Tgt Ion: 75 Resp: 37644

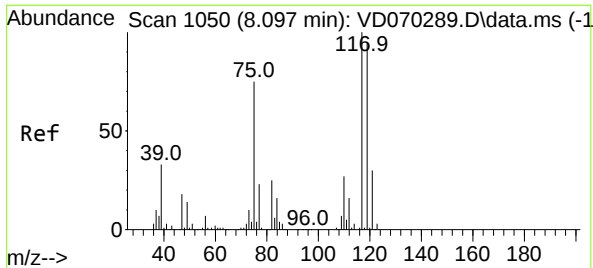
Ion Ratio Lower Upper

75 100

110 9.0 17.9 53.7#

77 0.2 25.3 37.9#

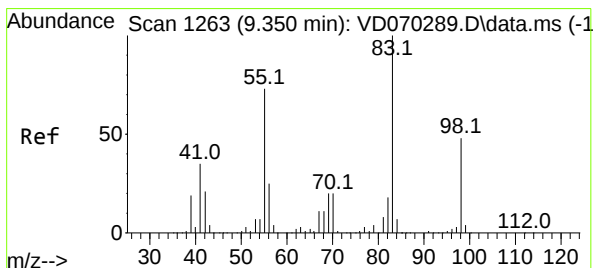
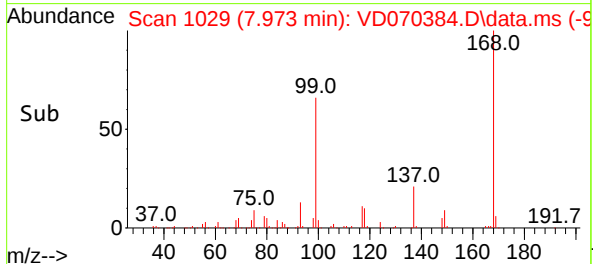
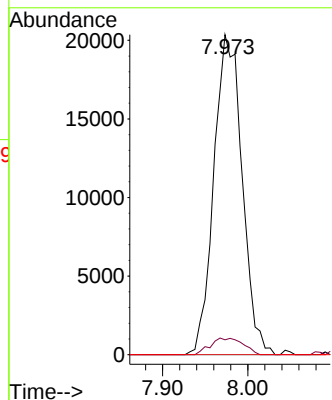
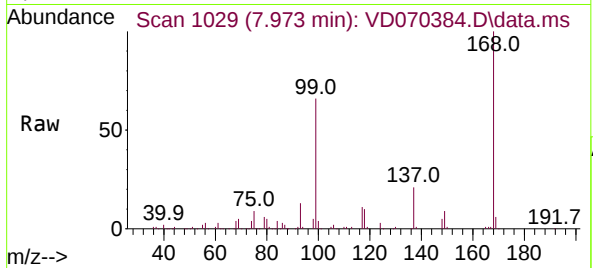




#38  
Carbon Tetrachloride  
Concen: 5.348 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.124 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

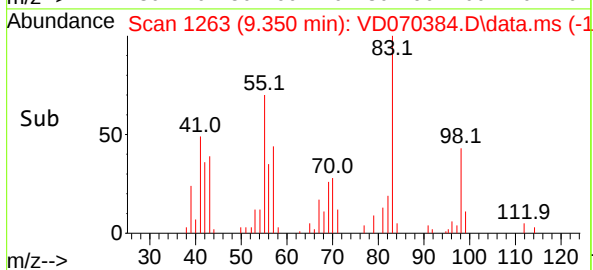
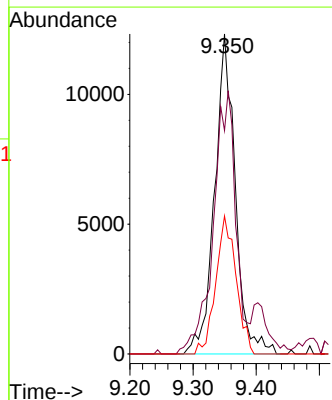
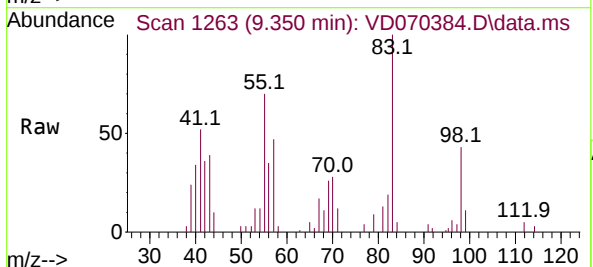
Instrument :  
MSVOA\_D  
ClientSampleId :  
NAPL-07-(15-18)

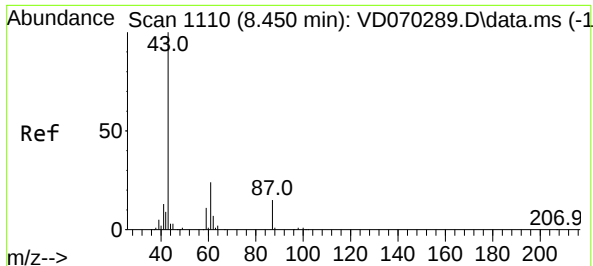
Tgt Ion:117 Resp: 46822  
Ion Ratio Lower Upper  
117 100  
119 4.7 76.1 114.1#  
121 0.0 23.8 35.6#



#39  
Methylcyclohexane  
Concen: 2.825 ug/l  
RT: 9.350 min Scan# 1263  
Delta R.T. 0.000 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion: 83 Resp: 27939  
Ion Ratio Lower Upper  
83 100  
55 68.3 58.5 87.7  
98 43.1 38.4 57.6



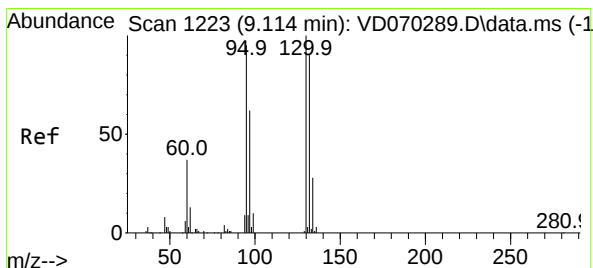
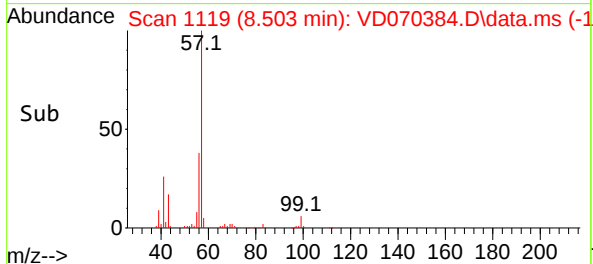
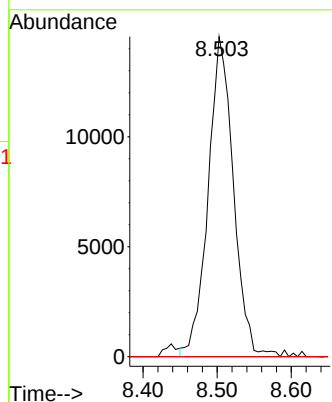
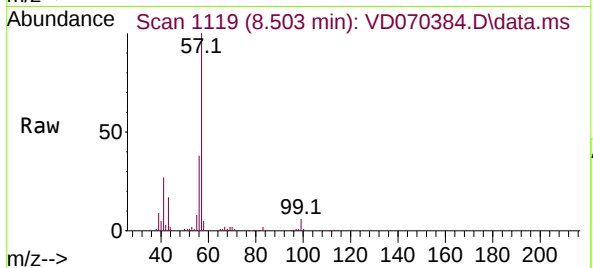


#43

Isopropyl Acetate  
Concen: 5.638 ug/l  
RT: 8.503 min Scan# 1119  
Delta R.T. 0.053 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
NAPL-07-(15-18)

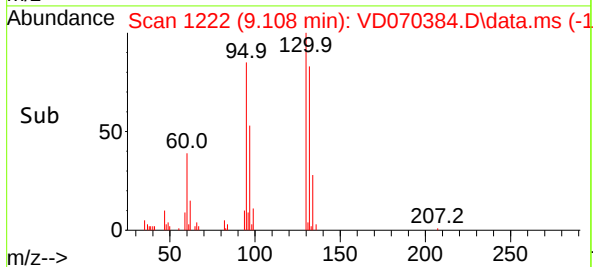
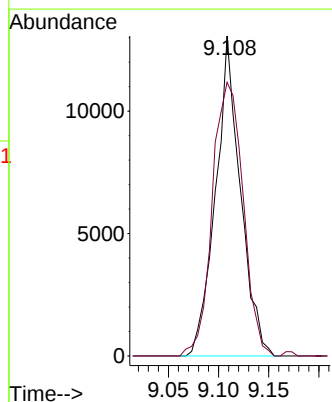
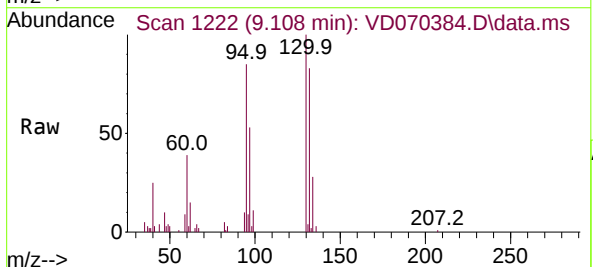
Tgt Ion: 43 Resp: 34507  
Ion Ratio Lower Upper  
43 100  
61 0.0 29.0 43.6#  
87 0.0 12.8 19.2#

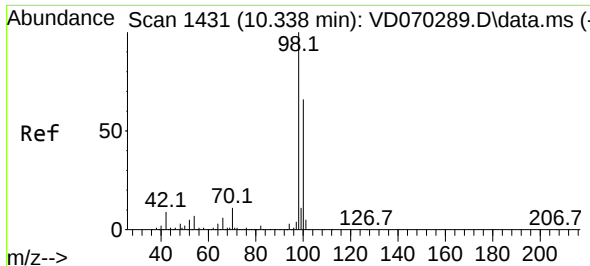


#44

Trichloroethene  
Concen: 3.630 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion: 130 Resp: 22508  
Ion Ratio Lower Upper  
130 100  
95 85.5 0.0 190.0

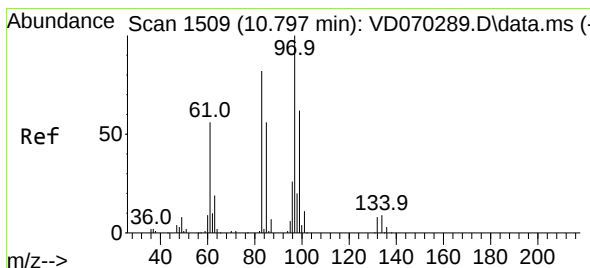
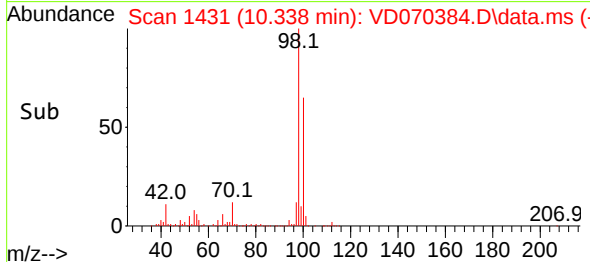
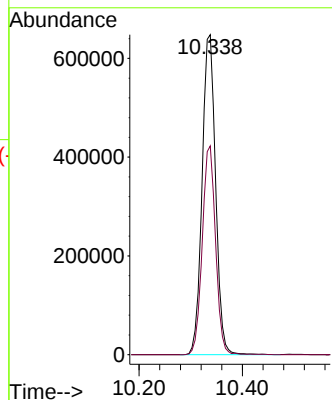
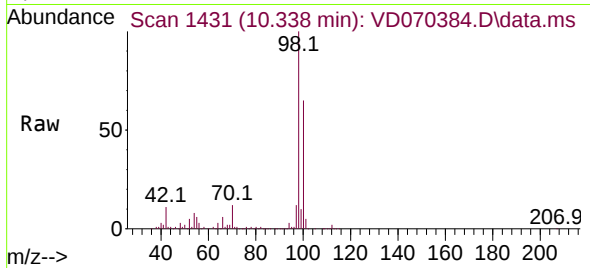




#50  
Toluene-d8  
Concen: 54.790 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

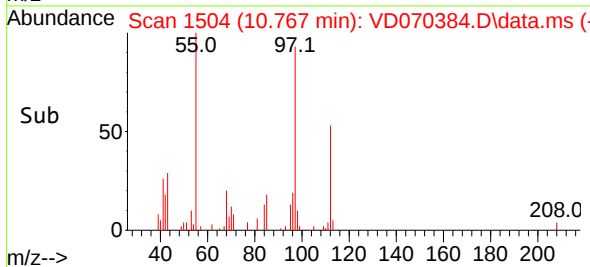
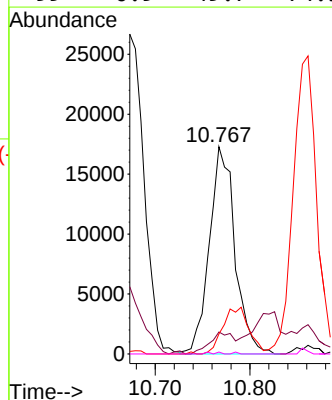
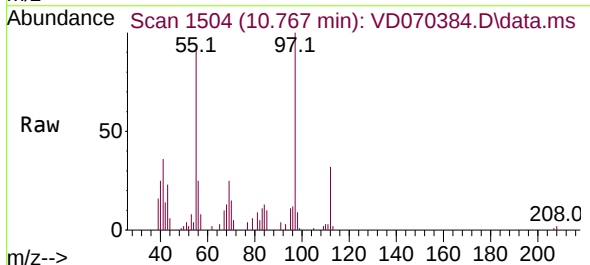
Instrument :  
MSVOA\_D  
ClientSampleId :  
NAPL-07-(15-18)

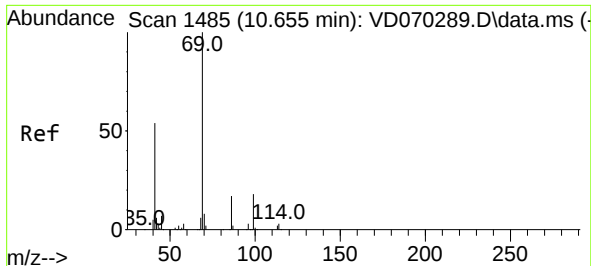
Tgt Ion: 98 Resp: 1172782  
Ion Ratio Lower Upper  
98 100  
100 64.3 52.0 78.0



#55  
1,1,2-Trichloroethane  
Concen: 6.710 ug/l  
RT: 10.767 min Scan# 1504  
Delta R.T. -0.029 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion: 97 Resp: 32353  
Ion Ratio Lower Upper  
97 100  
83 9.1 65.3 97.9#  
85 9.7 44.8 67.2#  
99 0.9 49.7 74.5#

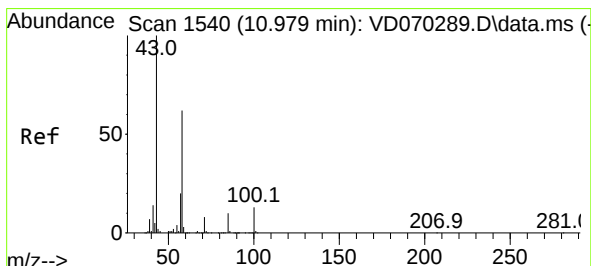
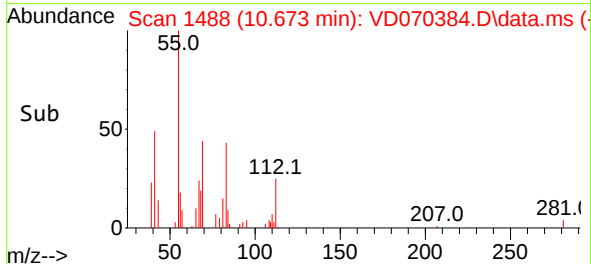
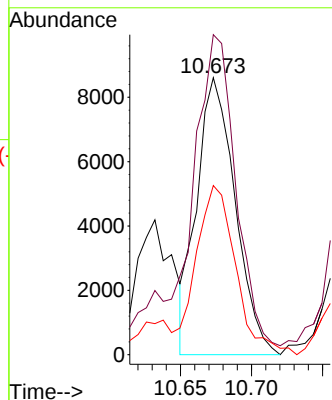
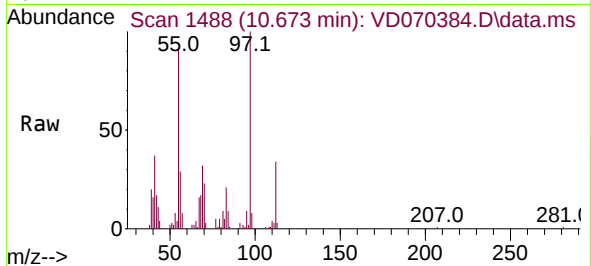




#56  
Ethyl methacrylate  
Concen: 3.078 ug/l  
RT: 10.673 min Scan# 1488  
Delta R.T. 0.018 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

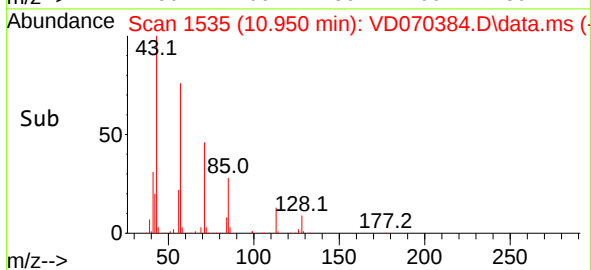
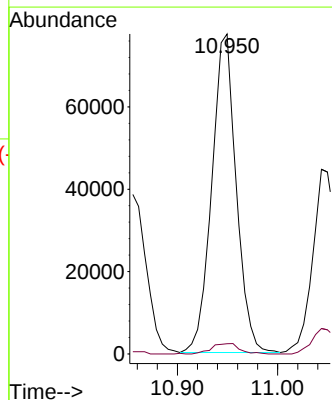
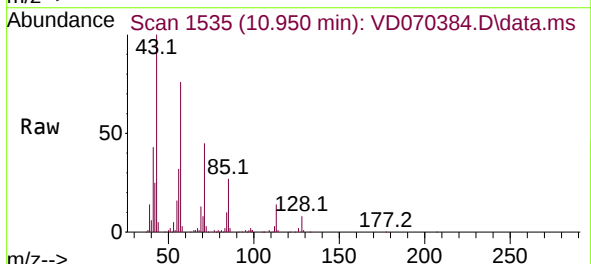
Instrument :  
MSVOA\_D  
ClientSampleId :  
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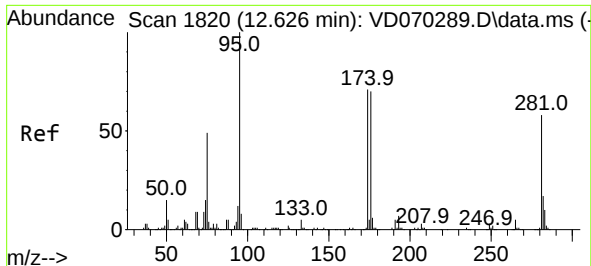
Tgt Ion: 69 Resp: 16202  
Ion Ratio Lower Upper  
69 100  
41 154.3 43.6 65.4#  
39 63.3 18.6 28.0#



#59  
2-Hexanone  
Concen: 62.074 ug/l  
RT: 10.950 min Scan# 1535  
Delta R.T. -0.029 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion: 43 Resp: 131176  
Ion Ratio Lower Upper  
43 100  
58 3.7 30.6 91.6#

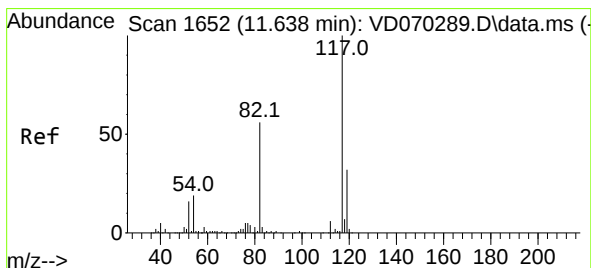
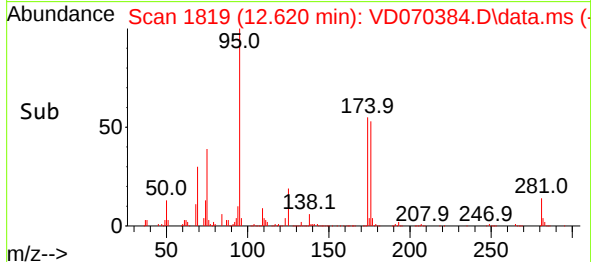
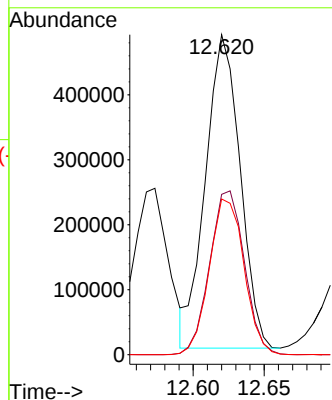
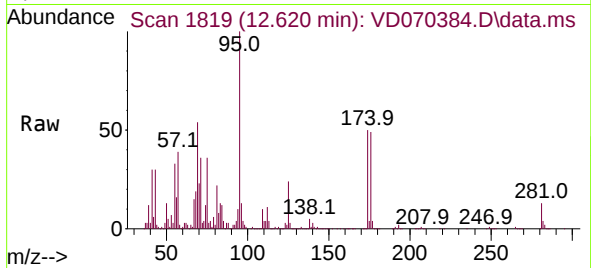




#62  
4-Bromofluorobenzene  
Concen: 109.188 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.006 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

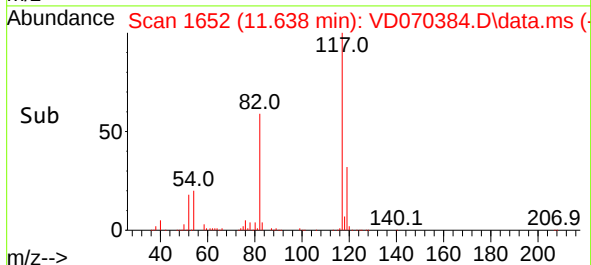
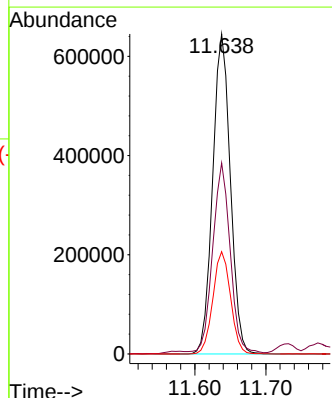
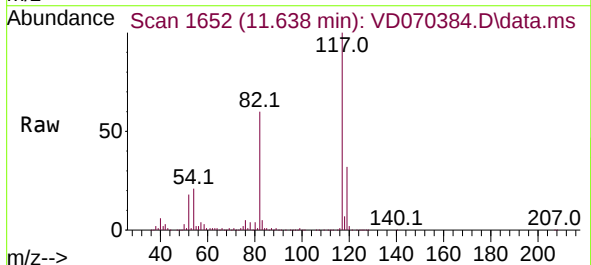
Instrument :  
MSVOA\_D  
ClientSampleId :  
NAPL-07-(15-18)

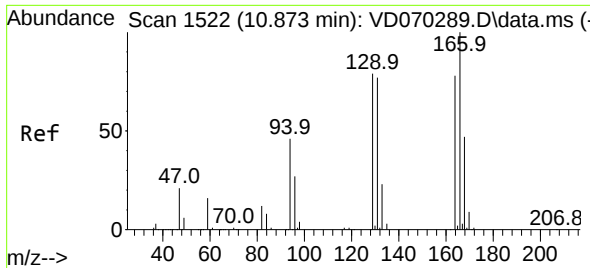
Tgt Ion: 95 Resp: 816812  
Ion Ratio Lower Upper  
95 100  
174 52.6 0.0 140.6  
176 50.1 0.0 137.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion:117 Resp: 1113134  
Ion Ratio Lower Upper  
117 100  
82 58.8 45.0 67.4  
119 32.0 25.2 37.8

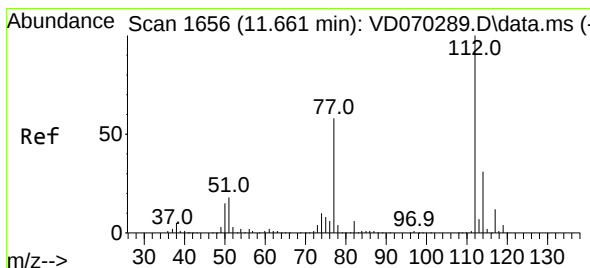
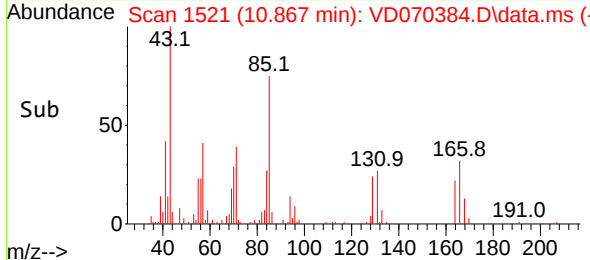
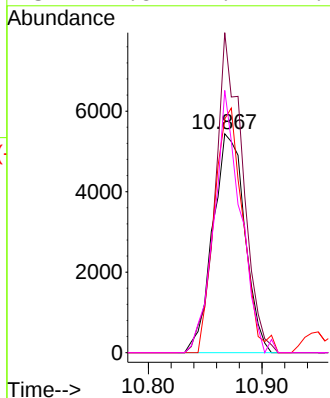
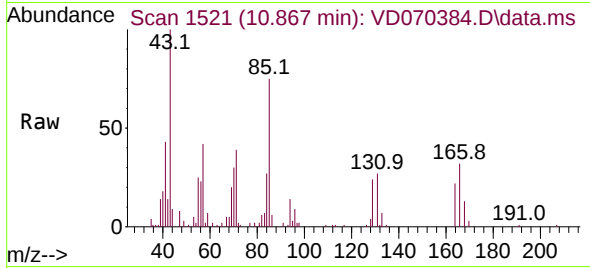




#64  
Tetrachloroethene  
Concen: 1.566 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. -0.006 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

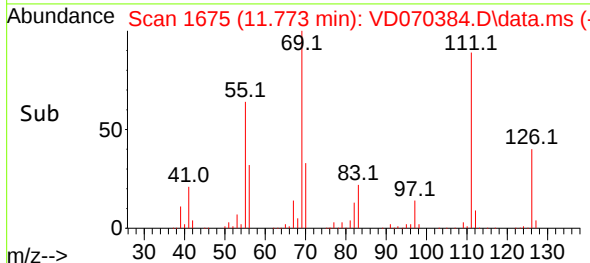
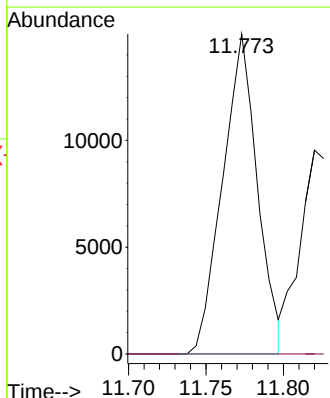
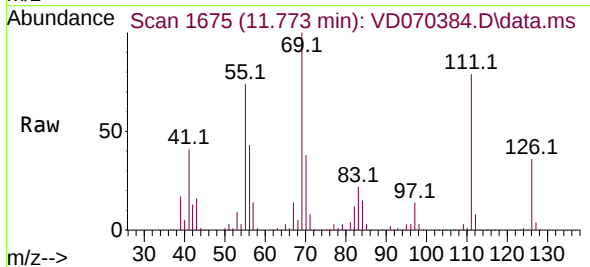
Instrument :  
MSVOA\_D  
ClientSampleId :  
NAPL-07-(15-18)

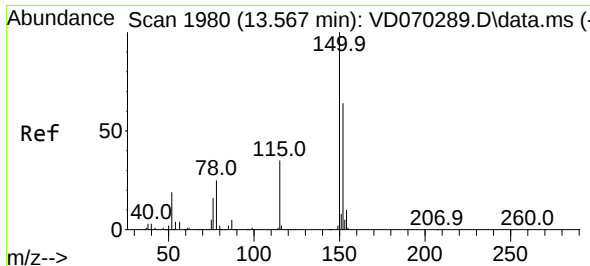
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 10615  |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 146.2 | 102.4 | 153.6  |
| 129      | 106.8 | 80.9  | 121.3  |
| 131      | 119.8 | 79.4  | 119.0# |



#65  
Chlorobenzene  
Concen: 1.013 ug/l  
RT: 11.773 min Scan# 1675  
Delta R.T. 0.112 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 112   | Resp: | 23363 |
| Ion      | Ratio | Lower | Upper |
| 112      | 100   |       |       |
| 114      | 0.0   | 24.7  | 37.1# |

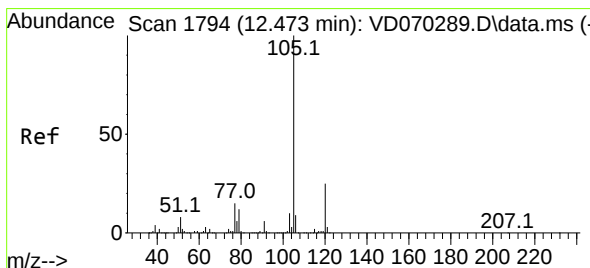
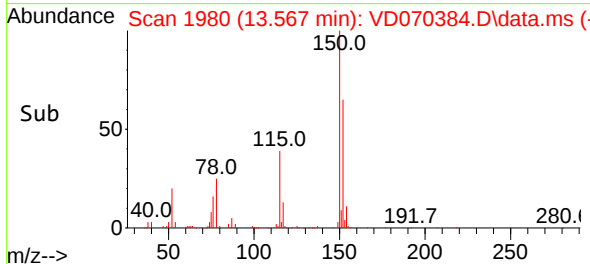
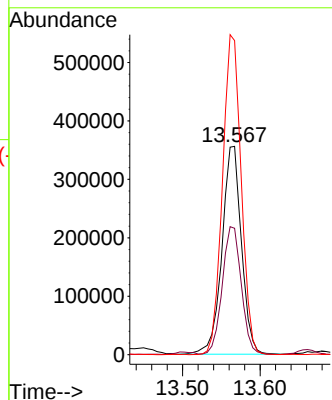
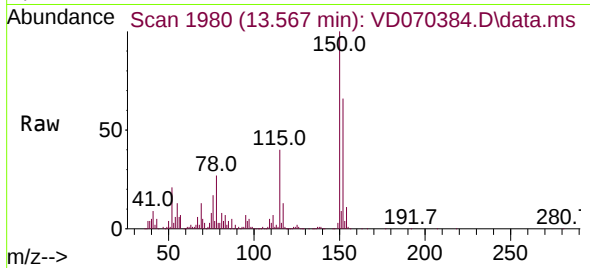




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

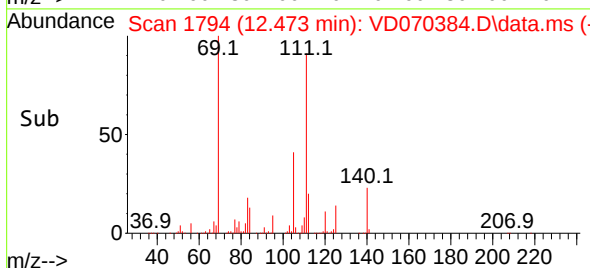
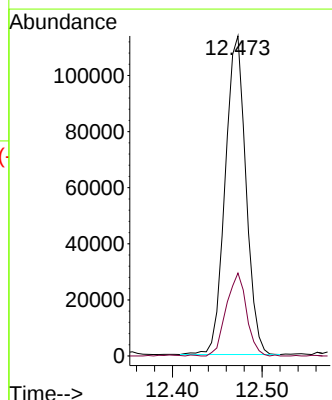
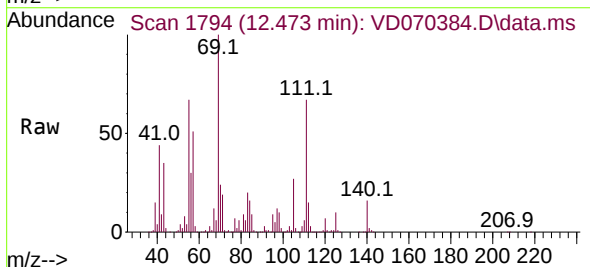
Instrument :  
MSVOA\_D  
ClientSampleId :  
NAPL-07-(15-18)

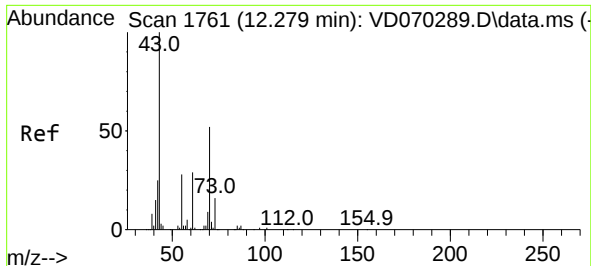
Tgt Ion:152 Resp: 621909  
Ion Ratio Lower Upper  
152 100  
115 60.1 32.1 96.3  
150 147.8 0.0 350.6



#73  
Isopropylbenzene  
Concen: 4.182 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion:105 Resp: 182408  
Ion Ratio Lower Upper  
105 100  
120 25.5 13.0 38.9

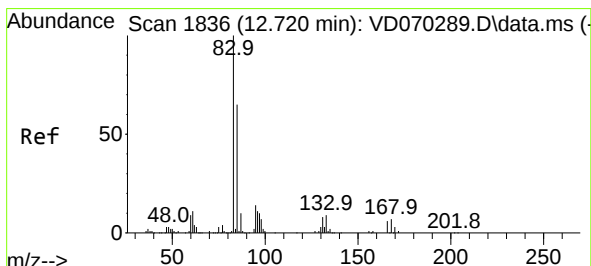
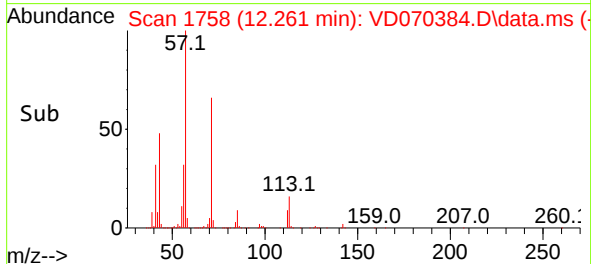
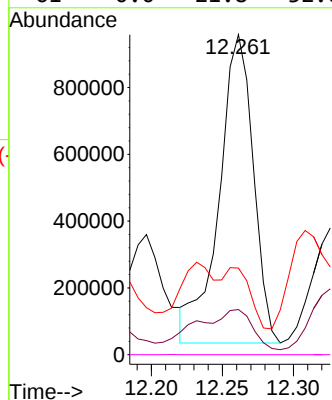
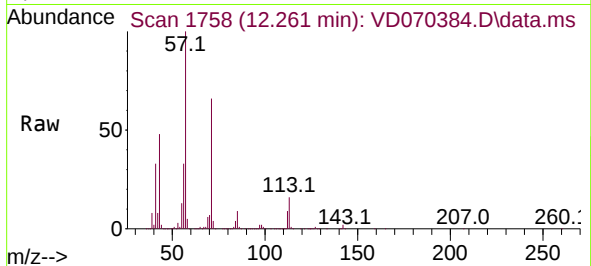




#74  
N-amy1 acetate  
Concen: 162.837 ug/l  
RT: 12.261 min Scan# 1758  
Delta R.T. -0.018 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

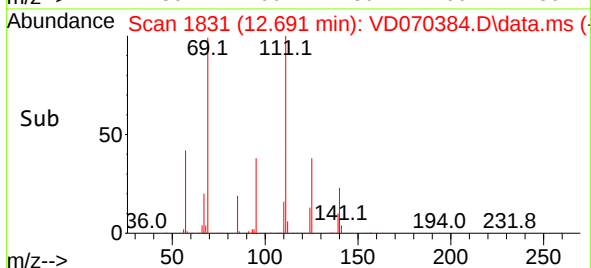
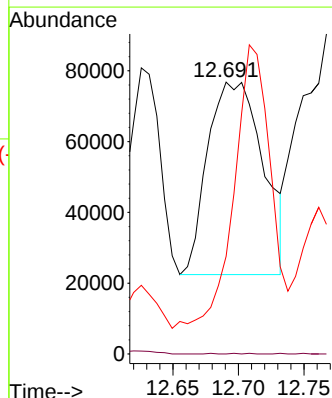
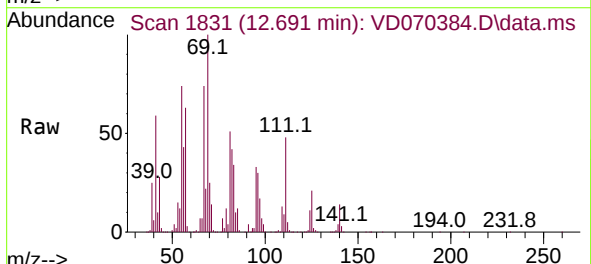
Instrument :  
MSVOA\_D  
ClientSampleId :  
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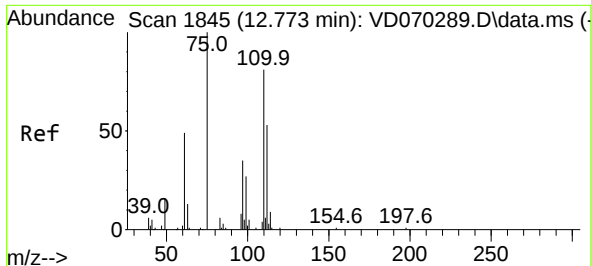
Tgt Ion: 43 Resp: 1547410  
Ion Ratio Lower Upper  
43 100  
70 21.4 41.4 62.0#  
55 0.0 22.8 34.2#  
61 0.0 21.8 32.6#



#75  
1,1,2,2-Tetrachloroethane  
Concen: 17.162 ug/l  
RT: 12.691 min Scan# 1831  
Delta R.T. -0.029 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion: 83 Resp: 160312  
Ion Ratio Lower Upper  
83 100  
131 0.1 4.8 14.4#  
85 91.1 32.1 96.3

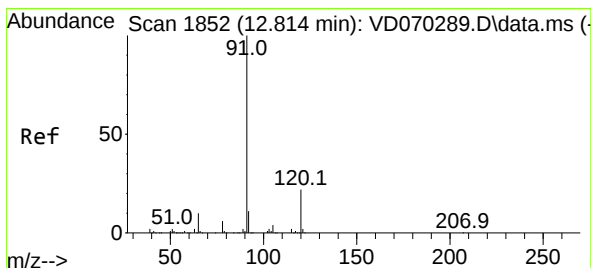
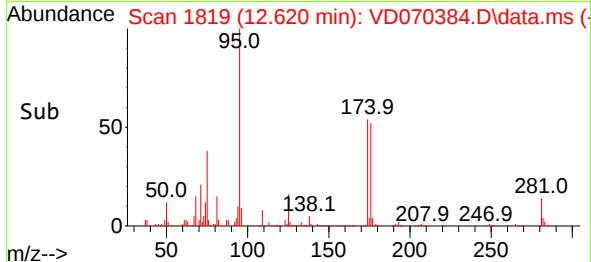
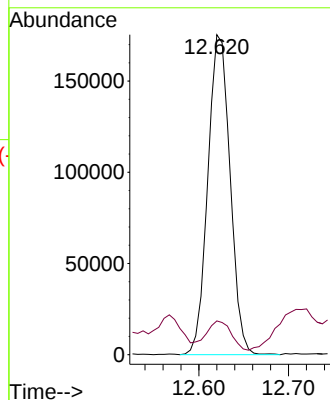
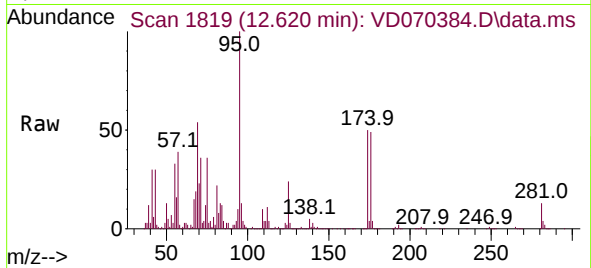




#76  
1,2,3-Trichloropropane  
Concen: 48.040 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.153 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

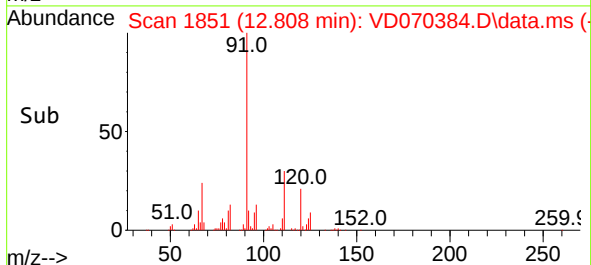
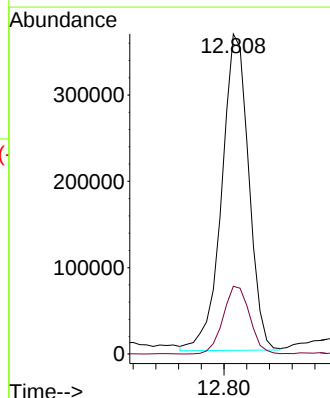
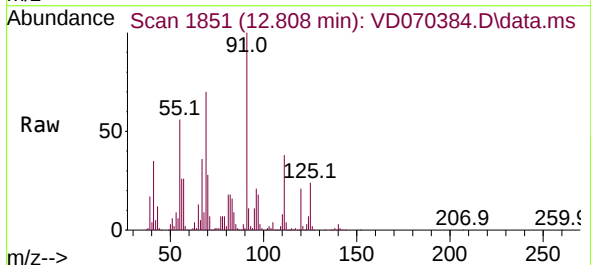
Instrument :  
MSVOA\_D  
ClientSampleId :  
NAPL-07-(15-18)

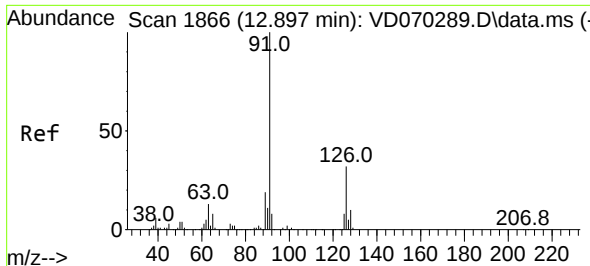
Tgt Ion: 75 Resp: 302207  
Ion Ratio Lower Upper  
75 100  
77 9.9 174.9 524.7#



#78  
n-propylbenzene  
Concen: 10.697 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. -0.006 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion: 91 Resp: 605518  
Ion Ratio Lower Upper  
91 100  
120 21.1 11.0 33.0

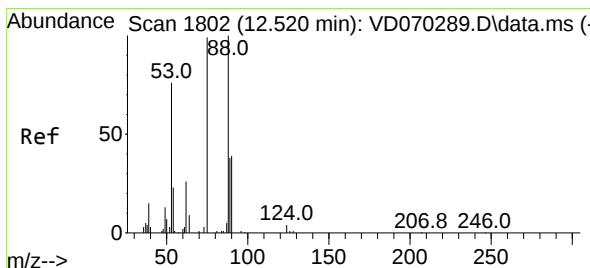
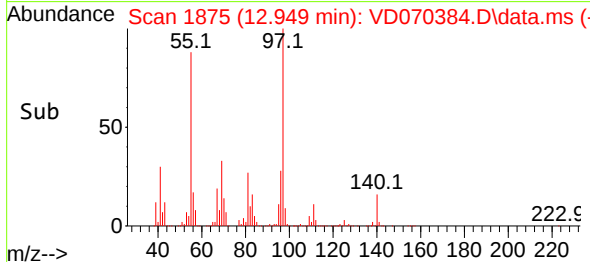
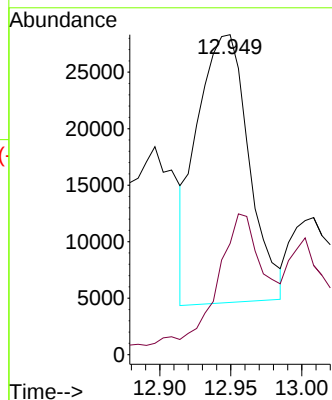
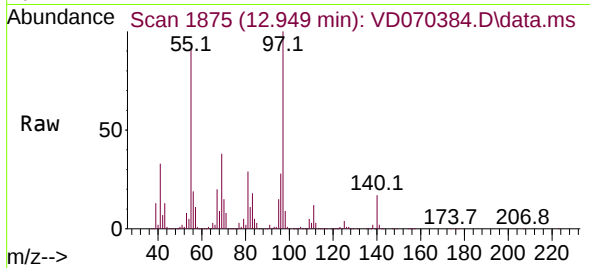




#79  
2-Chlorotoluene  
Concen: 1.828 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.053 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

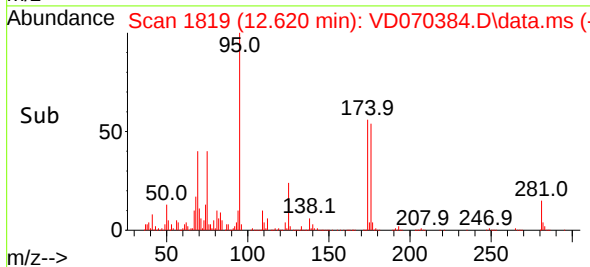
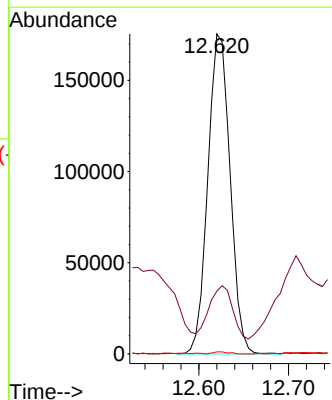
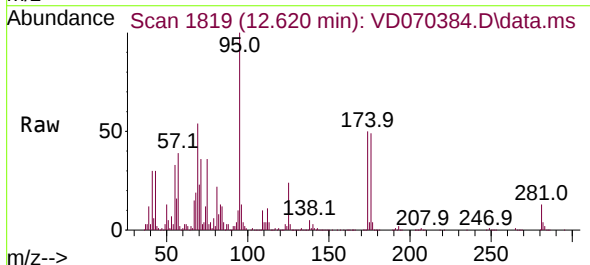
Instrument :  
MSVOA\_D  
ClientSampleId :  
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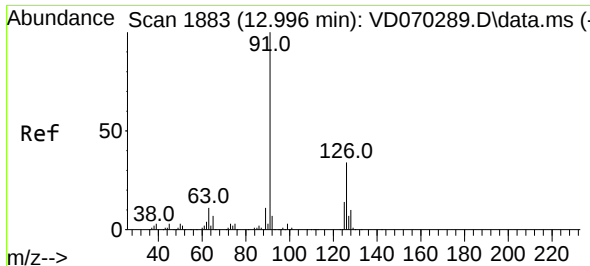
Tgt Ion: 91 Resp: 60327  
Ion Ratio Lower Upper  
91 100  
126 45.1 16.2 48.6



#81  
trans-1,4-Dichloro-2-butene  
Concen: 120.370 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. 0.100 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion: 75 Resp: 302207  
Ion Ratio Lower Upper  
75 100  
53 17.2 64.2 96.2#  
89 0.5 35.6 53.4#

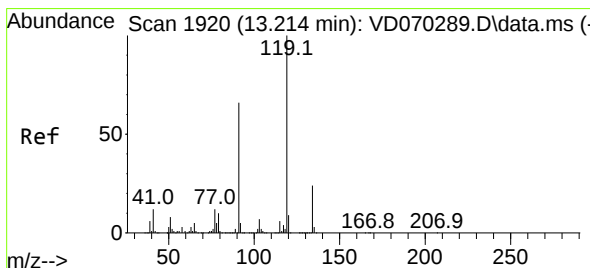
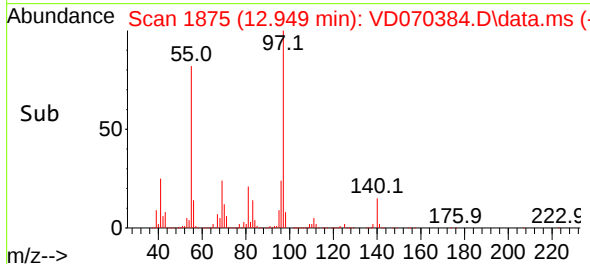
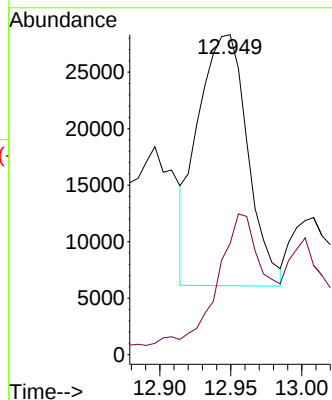
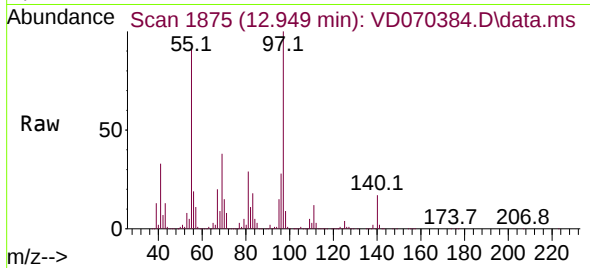




#82  
4-Chlorotoluene  
Concen: 1.553 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.047 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

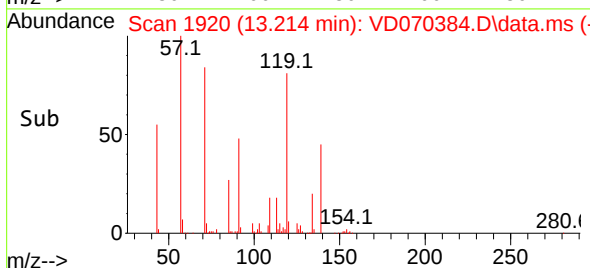
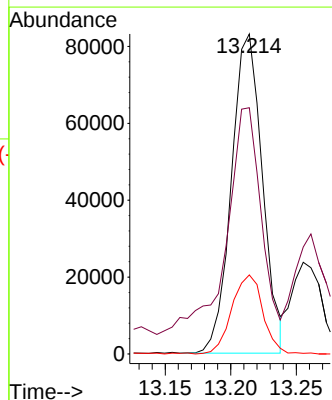
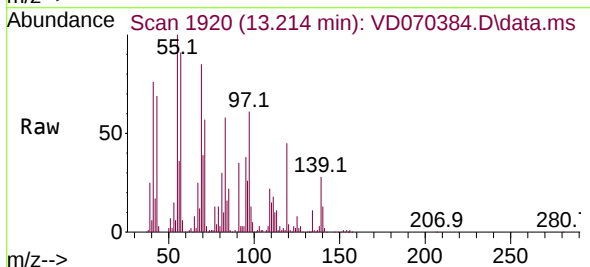
Instrument :  
MSVOA\_D  
ClientSampleId :  
NAPL-07-(15-18)

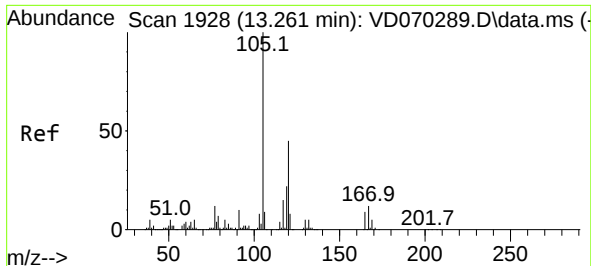
Tgt Ion: 91 Resp: 54057  
Ion Ratio Lower Upper  
91 100  
126 50.6 16.2 48.5#



#83  
tert-Butylbenzene  
Concen: 4.520 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion: 119 Resp: 136447  
Ion Ratio Lower Upper  
119 100  
91 78.2 33.7 101.0  
134 24.9 13.2 39.5

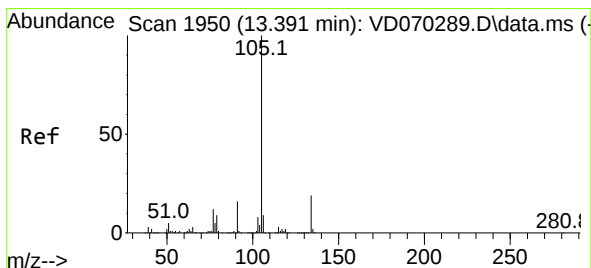
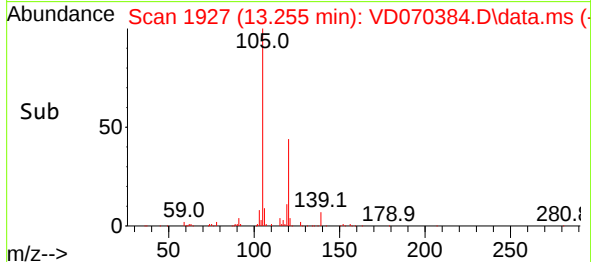
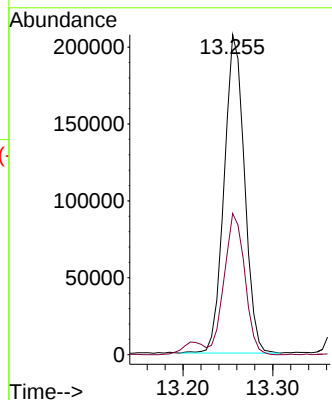
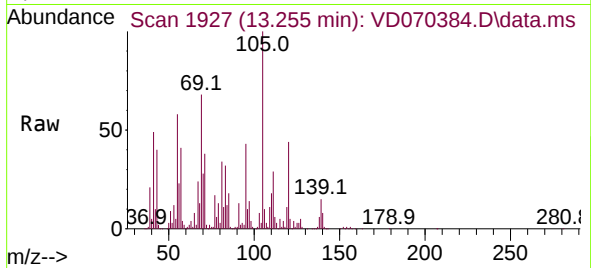




#84  
1,2,4-Trimethylbenzene  
Concen: 8.792 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

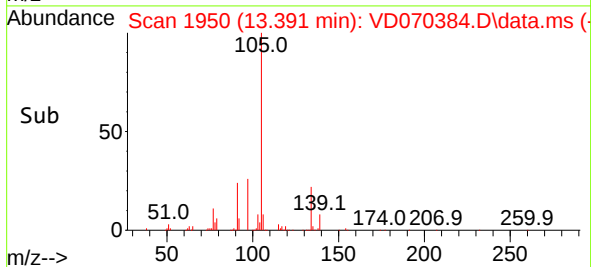
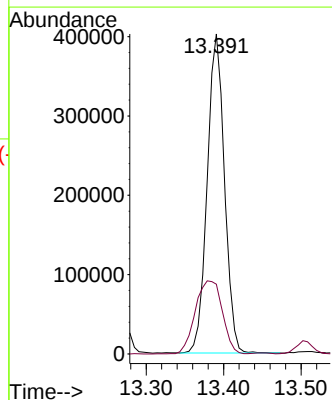
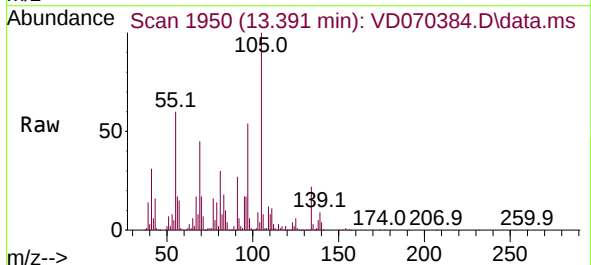
Instrument :  
MSVOA\_D  
ClientSampleId :  
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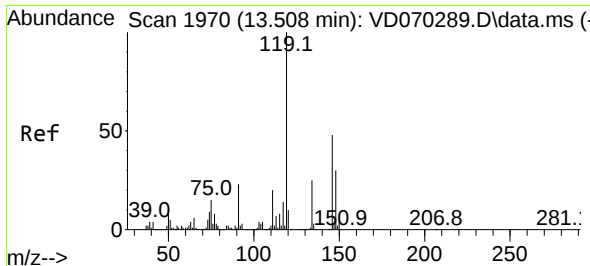
Tgt Ion:105 Resp: 325905  
Ion Ratio Lower Upper  
105 100  
120 45.0 22.3 66.8



#85  
sec-Butylbenzene  
Concen: 12.983 ug/l  
RT: 13.391 min Scan# 1950  
Delta R.T. 0.000 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion:105 Resp: 623028  
Ion Ratio Lower Upper  
105 100  
134 35.9 9.8 29.3#

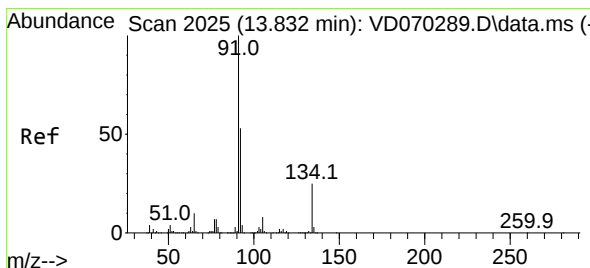
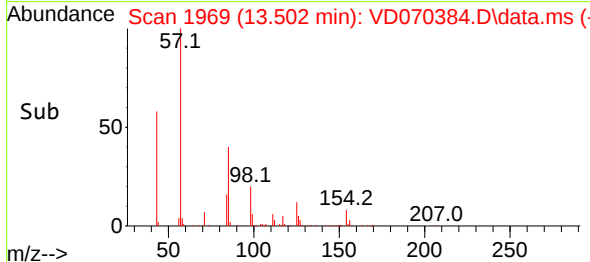
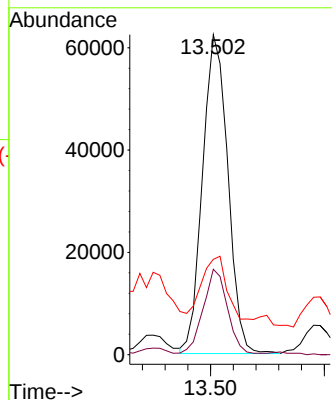
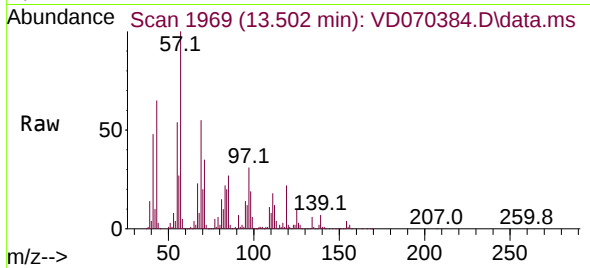




#86  
p-Isopropyltoluene  
Concen: 2.500 ug/l  
RT: 13.502 min Scan# 1969  
Delta R.T. -0.006 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

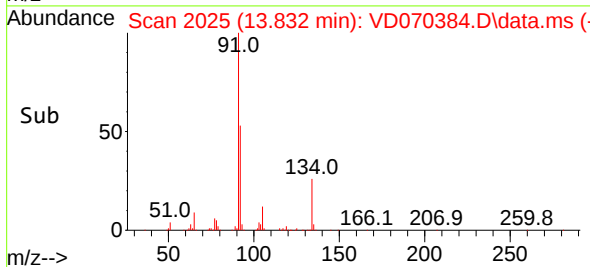
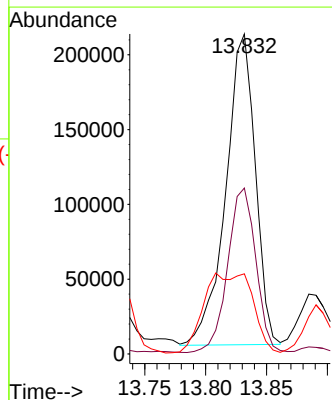
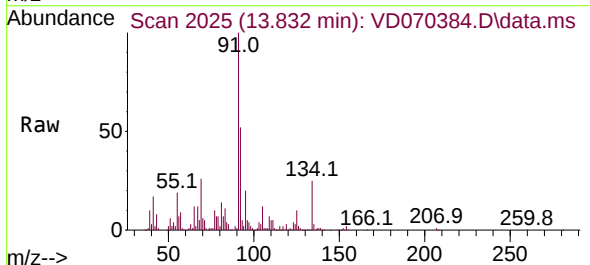
Instrument :  
MSVOA\_D  
ClientSampleId :  
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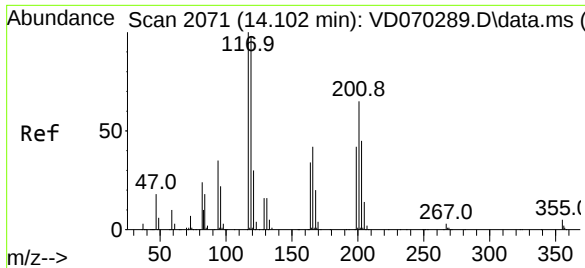
Tgt Ion:119 Resp: 96384  
Ion Ratio Lower Upper  
119 100  
134 24.8 12.7 38.0  
91 18.9 11.8 35.3



#89  
n-Butylbenzene  
Concen: 9.133 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion: 91 Resp: 351067  
Ion Ratio Lower Upper  
91 100  
92 50.8 26.8 80.4  
134 0.0 12.1 36.3#

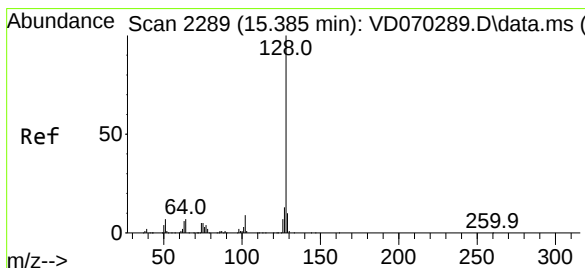
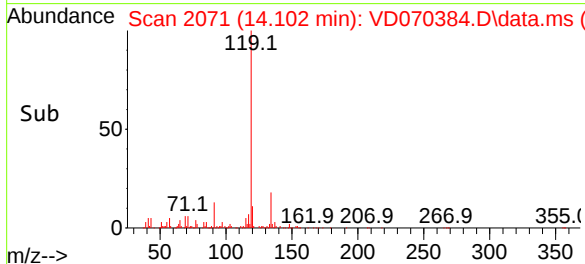
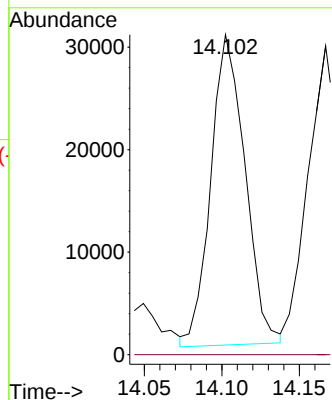
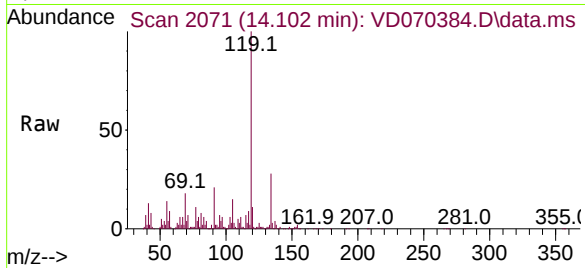




#90  
Hexachloroethane  
Concen: 5.259 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. -0.000 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Instrument :  
MSVOA\_D  
ClientSampleId :  
NAPL-07-(15-18)

Tgt Ion:117 Resp: 46417  
Ion Ratio Lower Upper  
117 100  
201 0.0 31.9 95.9#



#95  
Naphthalene  
Concen: 1.498 ug/l  
RT: 15.385 min Scan# 2289  
Delta R.T. -0.000 min  
Lab File: VD070384.D  
Acq: 20 Sep 2021 15:17

Tgt Ion:128 Resp: 27177  
Ion Ratio Lower Upper  
128 100  
127 17.0 10.5 15.7#  
129 14.6 9.0 13.4#

