

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092321\  
 Data File : VD070441.D  
 Acq On : 23 Sep 2021 12:40  
 Operator : VA/SY  
 Sample : M3867-05  
 Misc : 6.95G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SB-5-(1.5-2.5)RE

Quant Time: Sep 24 06:44:07 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         | 7.973          | 168  | 58290                | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.861          | 114  | 126644               | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.638         | 117  | 122181               | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.561         | 152  | 45433                | 50.000    | ug/l   | 0.00     |
|                               |                |      |                      |           |        |          |
| System Monitoring Compounds   |                |      |                      |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.326          | 65   | 76189                | 101.795   | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 50 - 163 |      | Recovery = 203.580%# |           |        |          |
| 35) Dibromofluoromethane      | 7.914          | 113  | 58749                | 65.170    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 54 - 147 |      | Recovery = 130.340%  |           |        |          |
| 50) Toluene-d8                | 10.332         | 98   | 123307               | 37.674    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 49 - 140 |      | Recovery = 75.340%   |           |        |          |
| 62) 4-Bromofluorobenzene      | 12.620         | 95   | 49582                | 43.346    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 25 - 144 |      | Recovery = 86.700%   |           |        |          |
|                               |                |      |                      |           |        |          |
| Target Compounds              |                |      |                      |           |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.979          | 85   | 175                  | Below Cal | #      | 43       |
| 3) Chloromethane              | 2.203          | 50   | 1162                 | Below Cal |        | 99       |
| 5) Bromomethane               | 2.785          | 94   | 1489                 | Below Cal | #      | 78       |
| 6) Chloroethane               | 2.909          | 64   | 114                  | Below Cal | #      | 43       |
| 10) Methyl Iodide             | 4.297          | 142  | 494                  | 1.700     | ug/l # | 39       |
| 11) Tert butyl alcohol        | 5.220          | 59   | 1311                 | 15.492    | ug/l # | 100      |
| 13) Acrolein                  | 3.909          | 56   | 181                  | 4.865     | ug/l # | 16       |
| 16) Acetone                   | 4.156          | 43   | 73591                | 550.724   | ug/l   | 92       |
| 20) Methylene Chloride        | 4.956          | 84   | 4888                 | Below Cal | #      | 88       |
| 25) 2-Butanone                | 7.209          | 43   | 21152                | 118.914   | ug/l # | 84       |
| 29) Tetrahydrofuran           | 7.561          | 42   | 350                  | 3.065     | ug/l # | 41       |
| 31) Cyclohexane               | 7.985          | 56   | 2274                 | 1.764     | ug/l # | 43       |
| 36) 1,1-Dichloropropene       | 7.967          | 75   | 4765                 | 3.520     | ug/l # | 47       |
| 37) Ethyl Acetate             | 7.209          | 43   | 21152                | 41.787    | ug/l # | 66       |
| 38) Carbon Tetrachloride      | 7.973          | 117  | 6552                 | 4.894     | ug/l # | 22       |
| 39) Methylcyclohexane         | 9.356          | 83   | 4304                 | 2.846     | ug/l # | 79       |
| 41) Methacrylonitrile         | 7.561          | 41   | 347                  | 1.303     | ug/l # | 23       |
| 51) 4-Methyl-2-Pentanone      | 10.220         | 43   | 3334                 | 6.884     | ug/l   | 88       |
| 52) Toluene                   | 10.397         | 92   | 9295                 | 3.878     | ug/l   | 88       |
| 55) 1,1,2-Trichloroethane     | 10.767         | 97   | 2641                 | 3.582     | ug/l # | 25       |
| 58) 2-Chloroethyl Vinyl ether | 9.938          | 63   | 690                  | 1.779     | ug/l # | 79       |
| 59) 2-Hexanone                | 10.979         | 43   | 2715                 | 8.402     | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.738         | 91   | 28105                | 6.438     | ug/l   | 94       |
| 68) m/p-Xylenes               | 11.844         | 106  | 45883                | 27.215    | ug/l   | 100      |
| 69) o-Xylene                  | 12.173         | 106  | 67141                | 44.453    | ug/l   | 97       |
| 70) Styrene                   | 12.173         | 104  | 6090                 | 2.308     | ug/l # | 1        |
| 71) Bromoform                 | 12.626         | 173  | 468                  | 1.021     | ug/l # | 1        |
| 73) Isopropylbenzene          | 12.467         | 105  | 16635                | 5.221     | ug/l   | 96       |
| 74) N-amyl acetate            | 12.244         | 43   | 8753                 | 12.608    | ug/l # | 61       |
| 76) 1,2,3-Trichloropropane    | 12.873         | 75   | 1856                 | 4.039     | ug/l # | 1        |
| 78) n-propylbenzene           | 12.808         | 91   | 58829                | 14.226    | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.873         | 91   | 29098                | 12.072    | ug/l # | 46       |
| 80) 1,3,5-Trimethylbenzene    | 12.949         | 105  | 268160               | 97.519    | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.626         | 75   | 23783                | 129.668   | ug/l # | 17       |
| 82) 4-Chlorotoluene           | 12.949         | 91   | 27215                | 10.702    | ug/l # | 44       |
| 83) tert-Butylbenzene         | 13.255         | 119  | 99766                | 45.237    | ug/l # | 70       |

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 Sample : M3867-05  
 Misc : 6.95G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

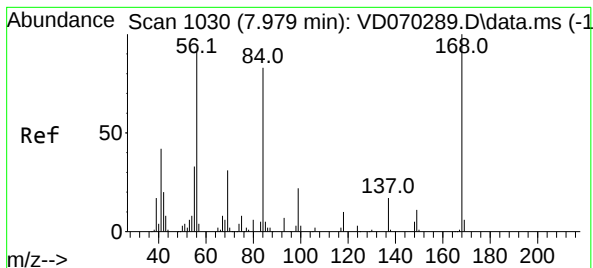
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SB-5-(1.5-2.5)RE

Quant Time: Sep 24 06:44:07 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) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 781961   | 288.774 | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.255 | 105  | 782333   | 223.168 | ug/l # | 57       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 22714    | 8.064   | ug/l   | 91       |
| 88) 1,4-Dichlorobenzene       | 13.591 | 146  | 2190     | 1.426   | ug/l # | 31       |
| 89) n-Butylbenzene            | 13.796 | 91   | 48989    | 17.445  | ug/l # | 1        |
| 90) Hexachloroethane          | 14.102 | 117  | 53131    | 82.404  | ug/l # | 18       |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 5565     | 4.121   | ug/l # | 18       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.473 | 75   | 2858     | 27.965  | ug/l # | 5        |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 3473     | 4.763   | ug/l # | 1        |
| 95) Naphthalene               | 15.385 | 128  | 73132    | 55.185  | ug/l # | 91       |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 2530     | 3.932   | ug/l # | 1        |
| -----                         |        |      |          |         |        |          |

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

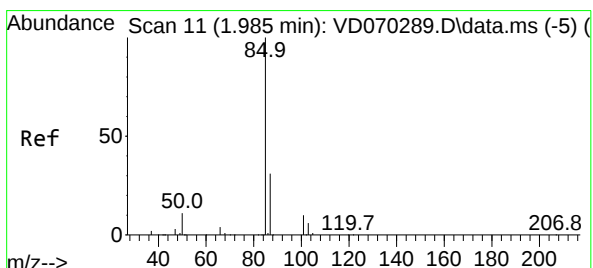
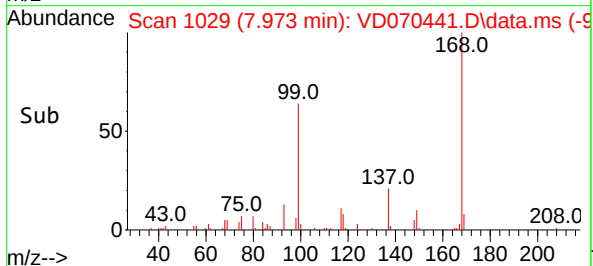
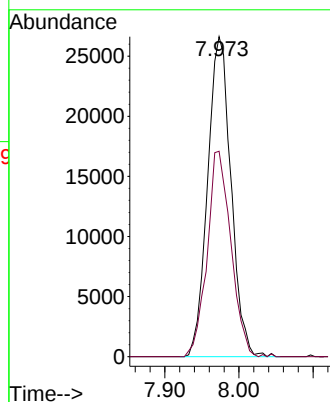
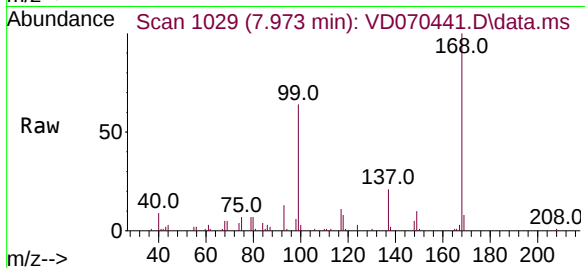




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

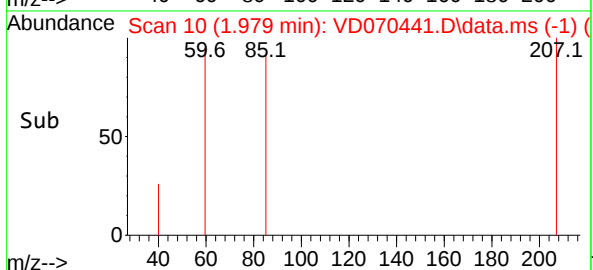
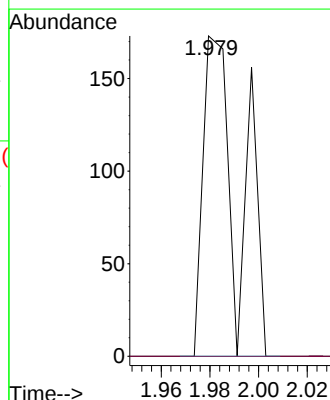
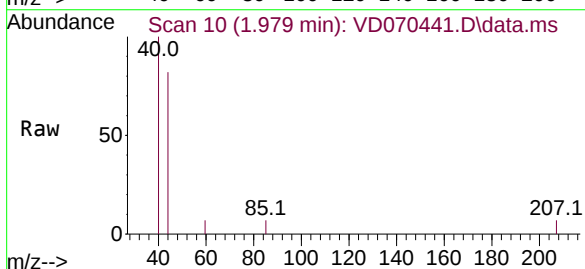
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

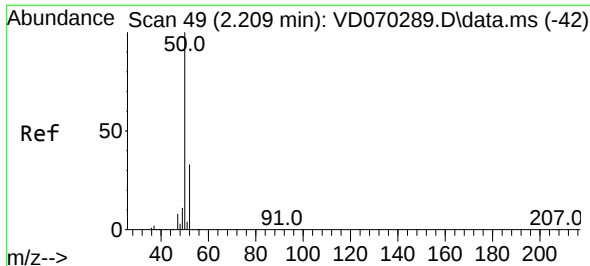
Tgt Ion:168 Resp: 58290  
Ion Ratio Lower Upper  
168 100  
99 64.2 50.8 76.2



#2  
Dichlorodifluoromethane  
Concen: Below Cal  
RT: 1.979 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion: 85 Resp: 175  
Ion Ratio Lower Upper  
85 100  
87 0.0 15.6 46.8#

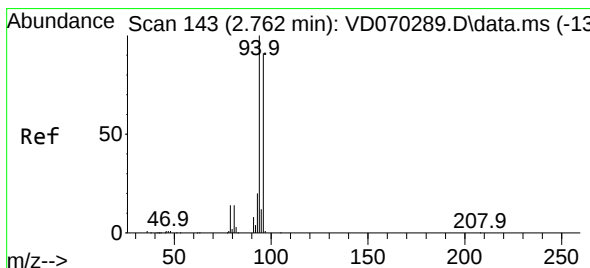
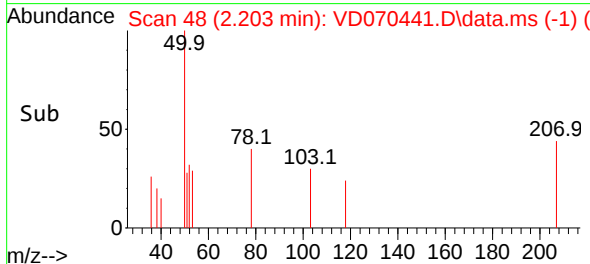
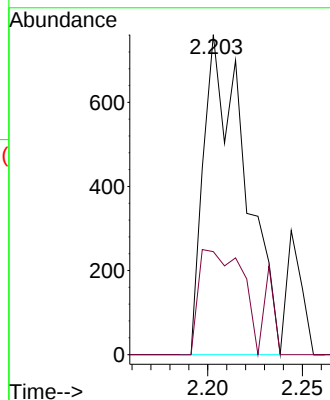
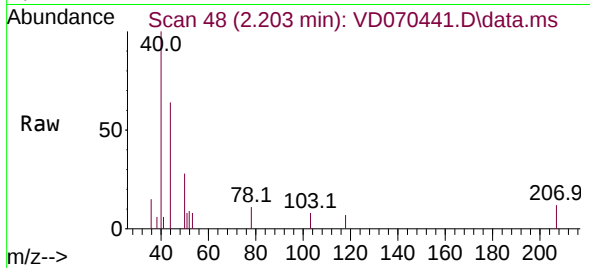




#3  
Chloromethane  
Concen: Below Cal  
RT: 2.203 min Scan# 48  
Delta R.T. -0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

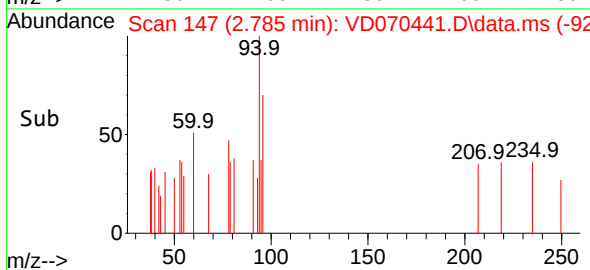
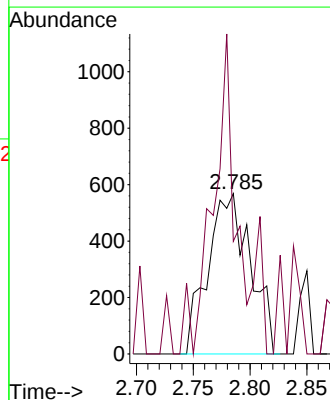
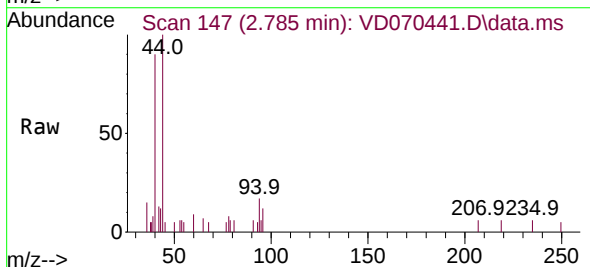
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

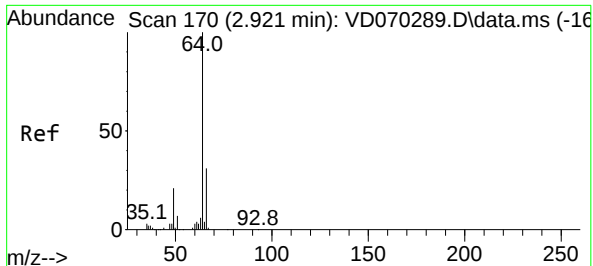
Tgt Ion: 50 Resp: 1162  
Ion Ratio Lower Upper  
50 100  
52 32.2 26.2 39.2



#5  
Bromomethane  
Concen: Below Cal  
RT: 2.785 min Scan# 147  
Delta R.T. 0.023 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion: 94 Resp: 1489  
Ion Ratio Lower Upper  
94 100  
96 70.2 73.0 109.6#

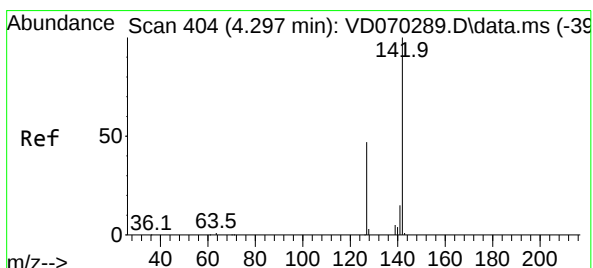
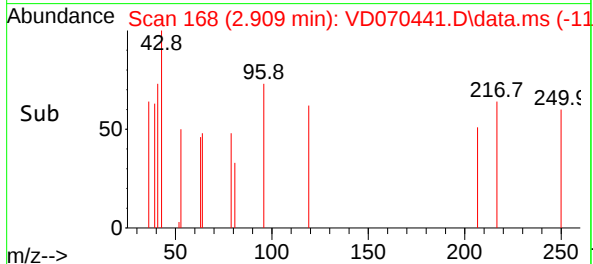
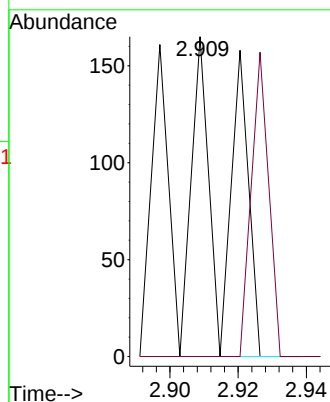
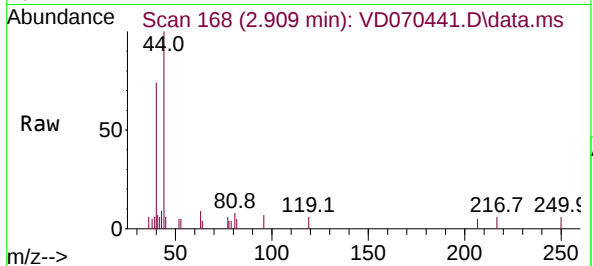




#6  
Chloroethane  
Concen: Below Cal  
RT: 2.909 min Scan# 168  
Delta R.T. -0.012 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

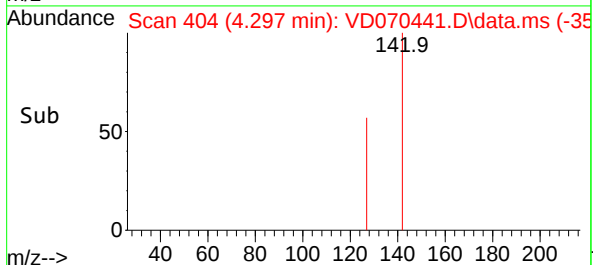
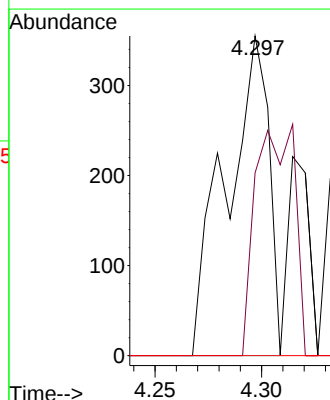
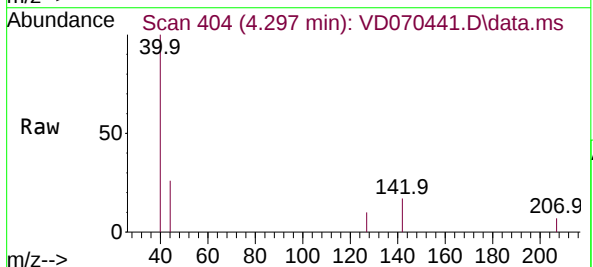
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

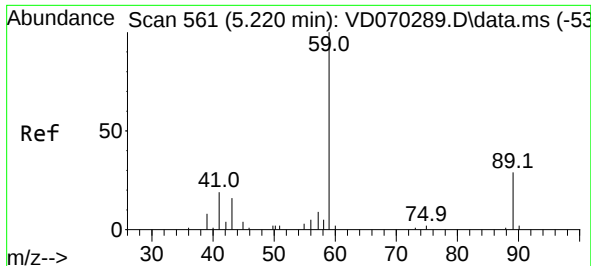
Tgt Ion: 64 Resp: 114  
Ion Ratio Lower Upper  
64 100  
66 0.0 25.0 37.4#



#10  
Methyl Iodide  
Concen: 1.700 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion:142 Resp: 494  
Ion Ratio Lower Upper  
142 100  
127 0.0 36.9 55.3#  
141 0.0 11.8 17.6#

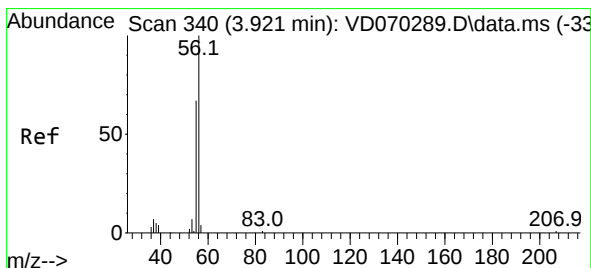
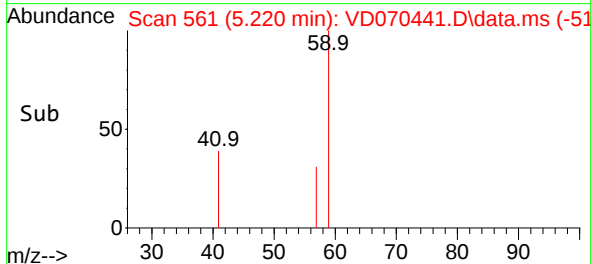
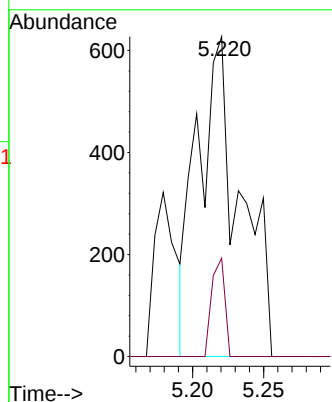
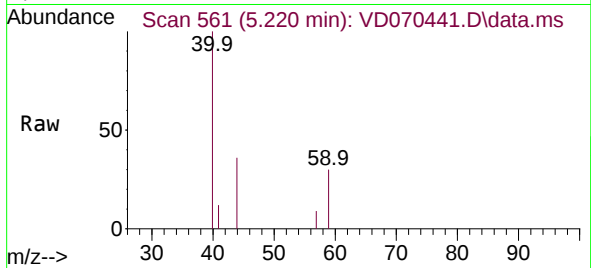




#11  
Tert butyl alcohol  
Concen: 15.492 ug/l  
RT: 5.220 min Scan# 561  
Delta R.T. 0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

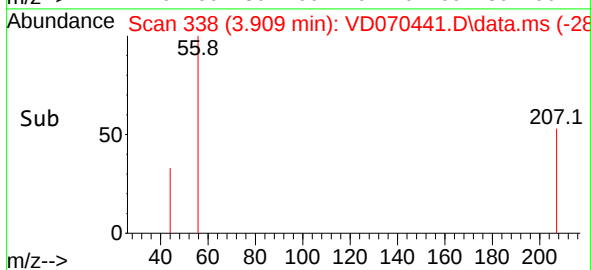
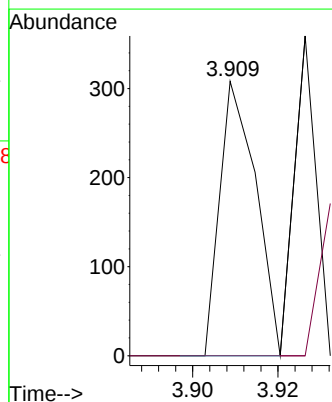
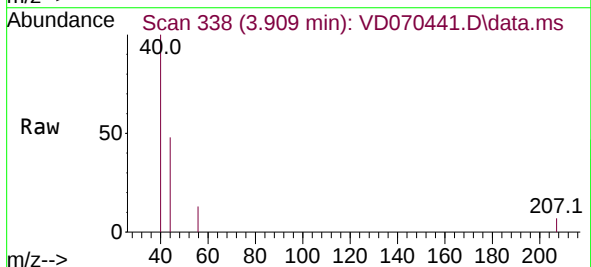
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

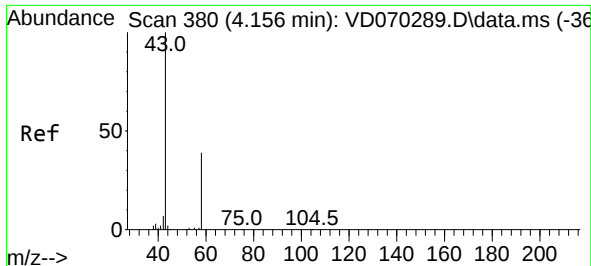
Tgt Ion: 59 Resp: 1311  
Ion Ratio Lower Upper  
59 100  
57 9.5 0.0 0.0#



#13  
Acrolein  
Concen: 4.865 ug/l  
RT: 3.909 min Scan# 338  
Delta R.T. -0.012 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion: 56 Resp: 181  
Ion Ratio Lower Upper  
56 100  
55 0.0 54.2 81.2#

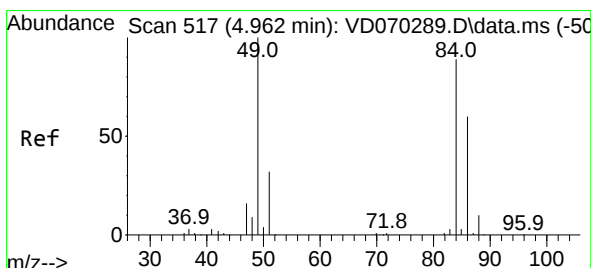
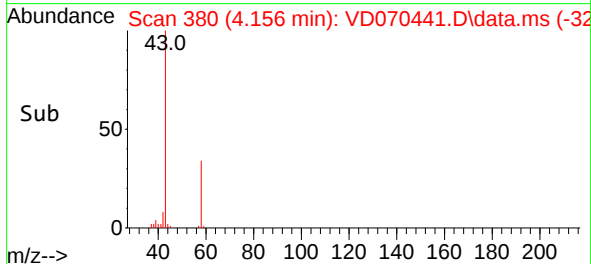
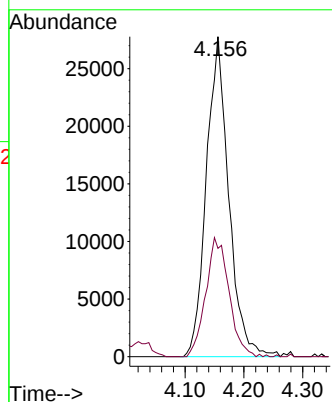
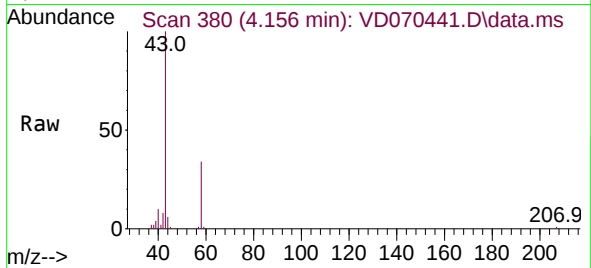




#16  
Acetone  
Concen: 550.724 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

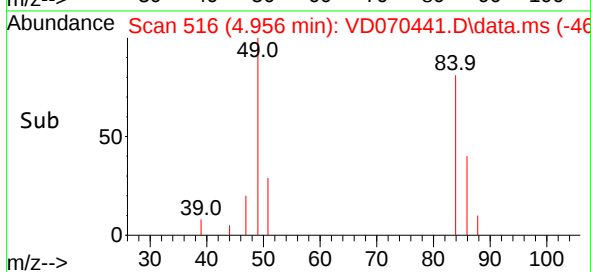
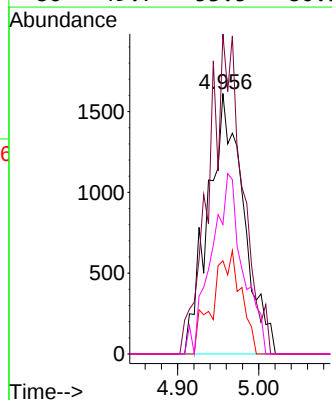
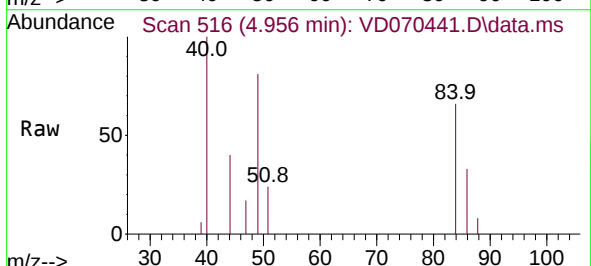
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

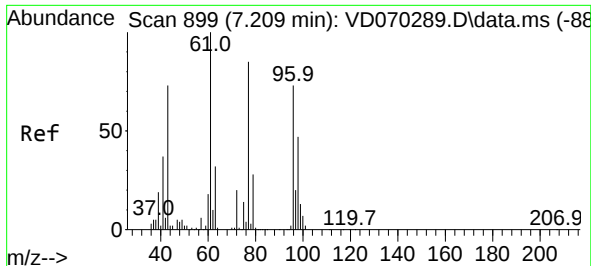
Tgt Ion: 43 Resp: 73591  
Ion Ratio Lower Upper  
43 100  
58 33.9 30.9 46.3



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.956 min Scan# 516  
Delta R.T. -0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion: 84 Resp: 4888  
Ion Ratio Lower Upper  
84 100  
49 122.8 89.6 134.4  
51 35.7 28.6 43.0  
86 49.7 53.5 80.3#

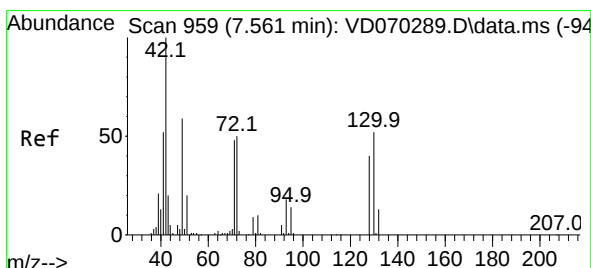
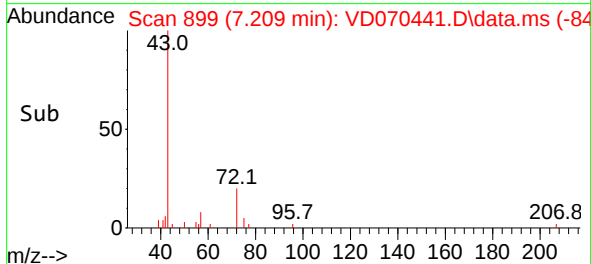
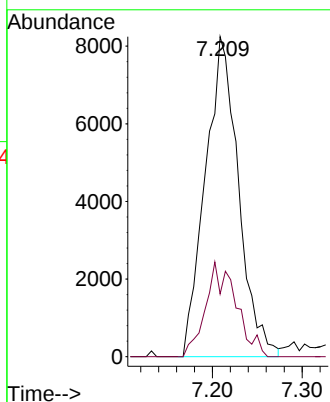
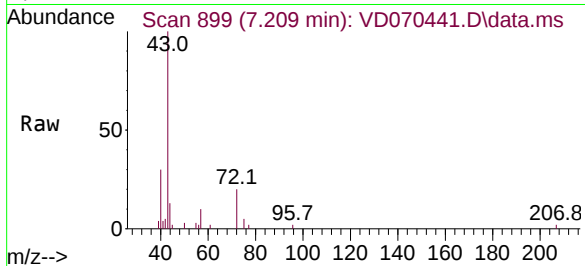




#25  
2-Butanone  
Concen: 118.914 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

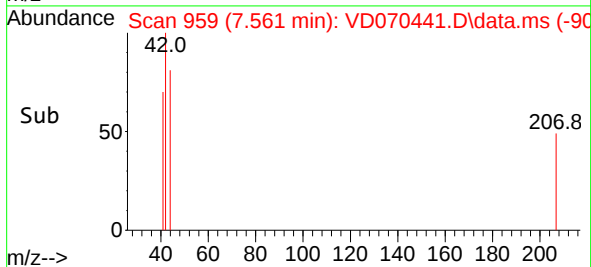
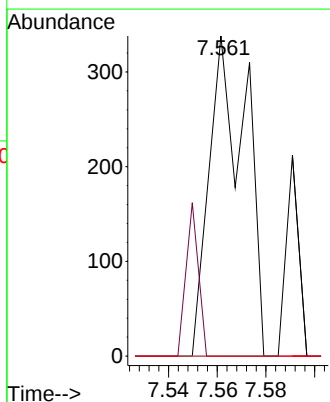
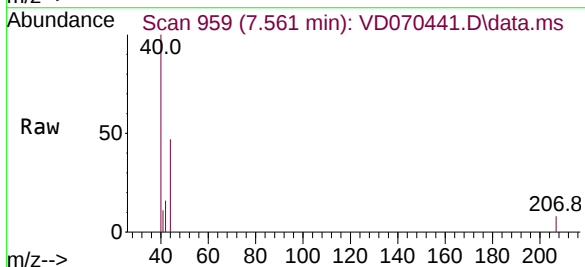
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

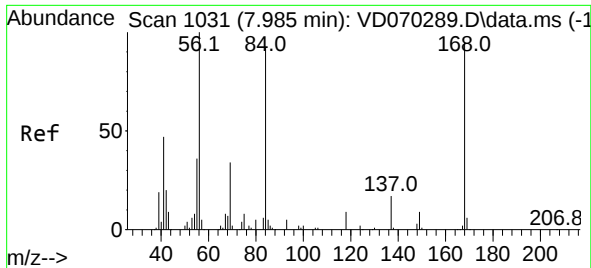
Tgt Ion: 43 Resp: 21152  
Ion Ratio Lower Upper  
43 100  
72 19.6 22.2 33.4#



#29  
Tetrahydrofuran  
Concen: 3.065 ug/l  
RT: 7.561 min Scan# 959  
Delta R.T. -0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

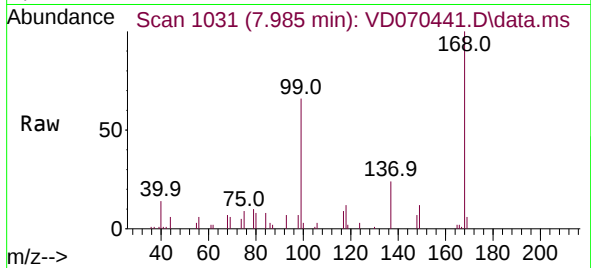
Tgt Ion: 42 Resp: 350  
Ion Ratio Lower Upper  
42 100  
72 16.3 38.8 58.2#  
71 0.0 37.8 56.6#



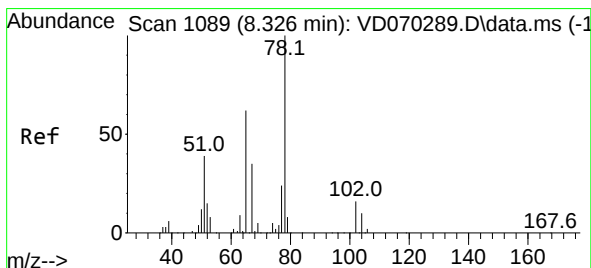
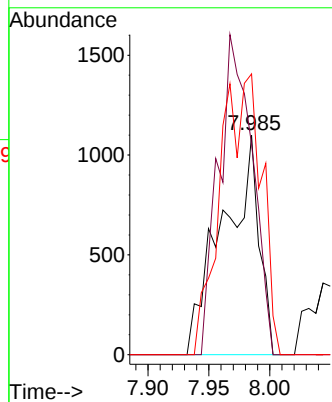
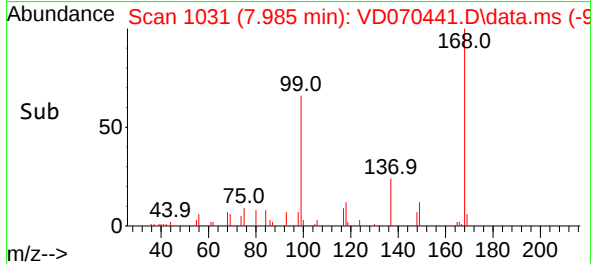


#31  
Cyclohexane  
Concen: 1.764 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

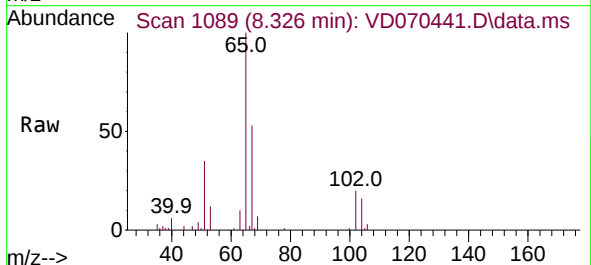
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE



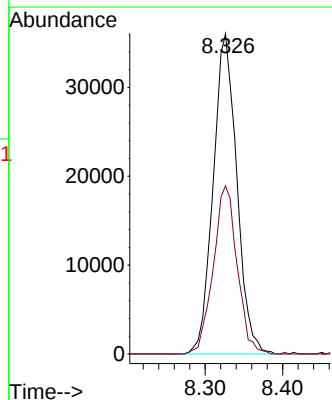
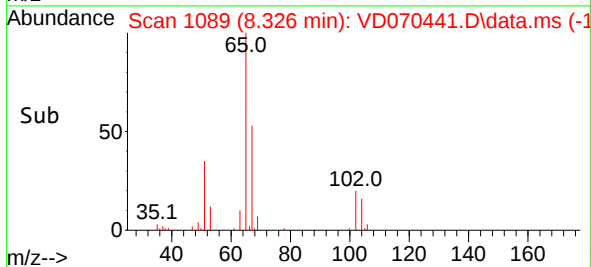
Tgt Ion: 56 Resp: 2274  
Ion Ratio Lower Upper  
56 100  
69 95.8 26.9 40.3#  
84 127.9 73.6 110.4#

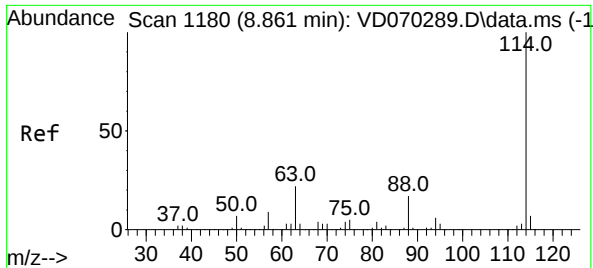


#33  
1,2-Dichloroethane-d4  
Concen: 101.795 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40



Tgt Ion: 65 Resp: 76189  
Ion Ratio Lower Upper  
65 100  
67 53.1 0.0 111.4

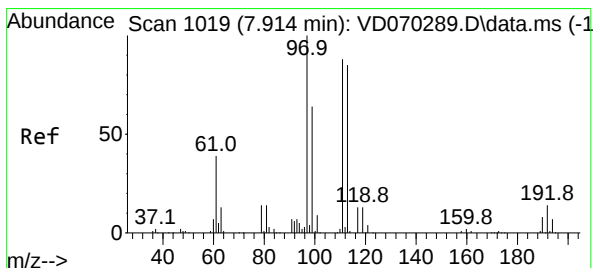
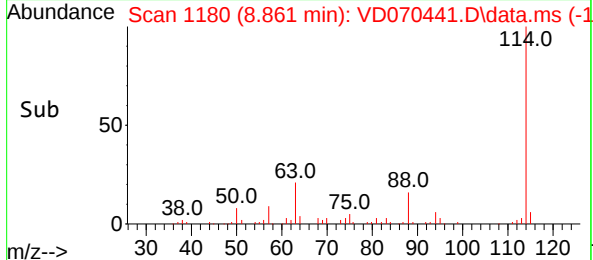
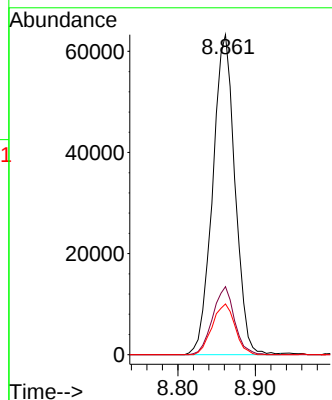
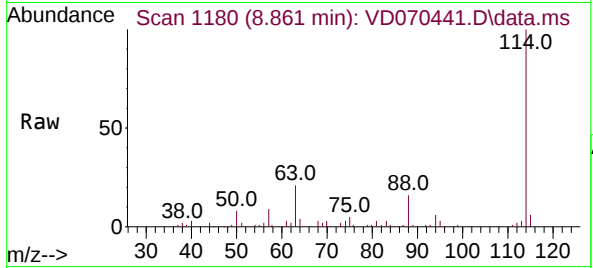




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

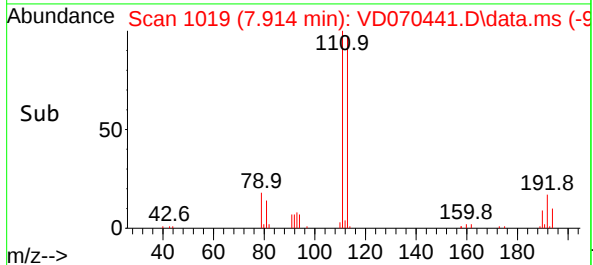
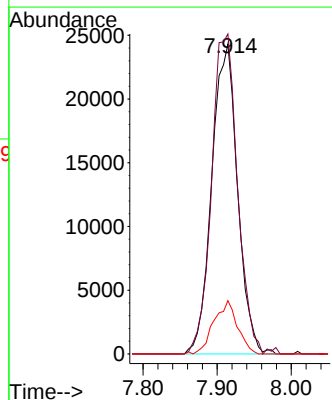
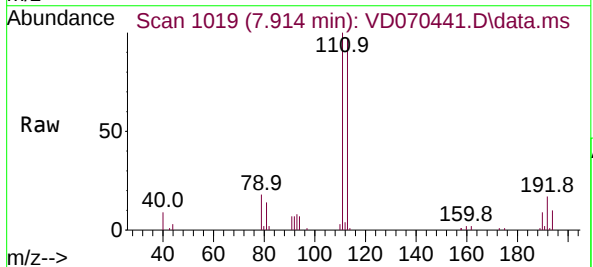
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

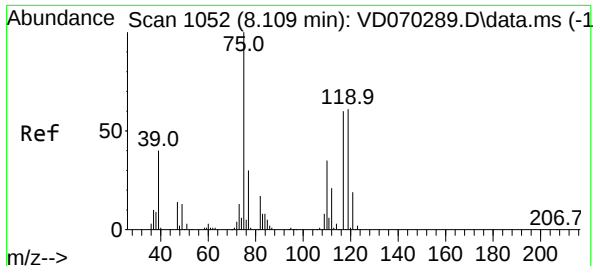
Tgt Ion:114 Resp: 126644  
Ion Ratio Lower Upper  
114 100  
63 21.3 0.0 43.4  
88 15.8 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 65.170 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion:113 Resp: 58749  
Ion Ratio Lower Upper  
113 100  
111 104.1 81.4 122.2  
192 15.8 13.0 19.6

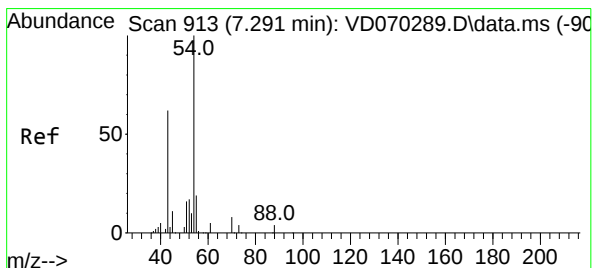
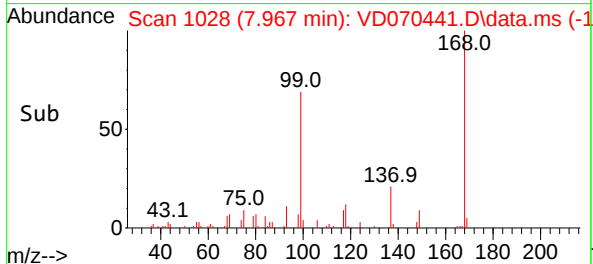
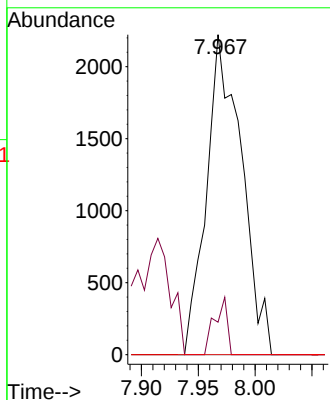
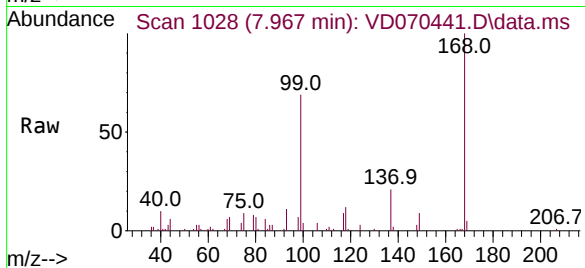




#36  
1,1-Dichloropropene  
Concen: 3.520 ug/l  
RT: 7.967 min Scan# 1028  
Delta R.T. -0.141 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

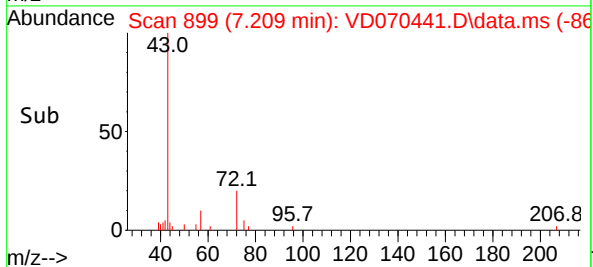
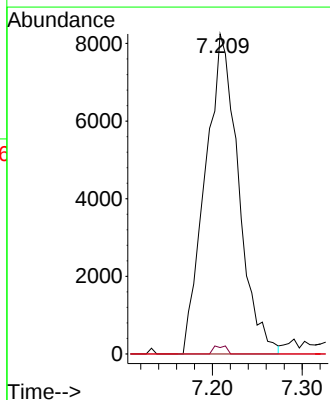
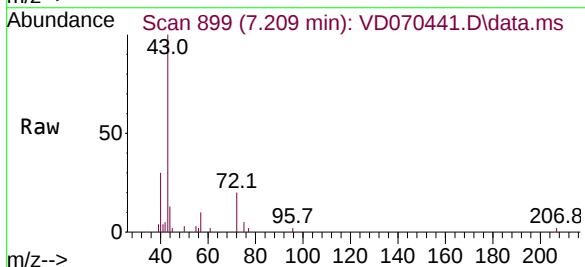
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

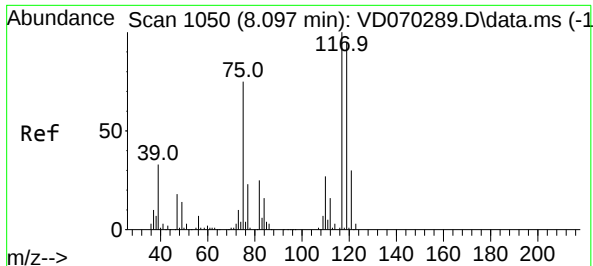
Tgt Ion: 75 Resp: 4765  
Ion Ratio Lower Upper  
75 100  
110 6.5 17.9 53.7#  
77 0.0 25.3 37.9#



#37  
Ethyl Acetate  
Concen: 41.787 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.082 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion: 43 Resp: 21152  
Ion Ratio Lower Upper  
43 100  
61 1.0 13.0 19.6#  
70 0.0 9.8 14.6#

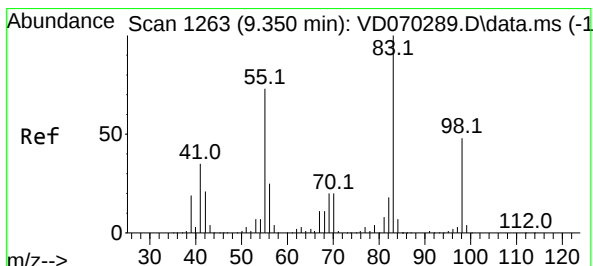
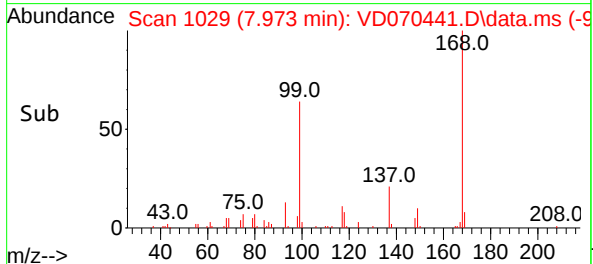
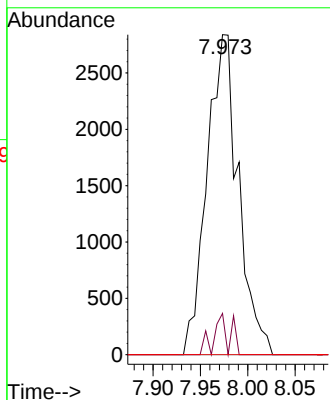
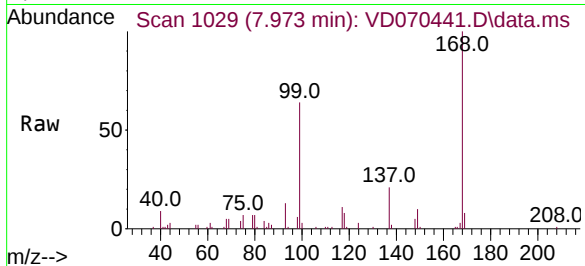




#38  
Carbon Tetrachloride  
Concen: 4.894 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.124 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

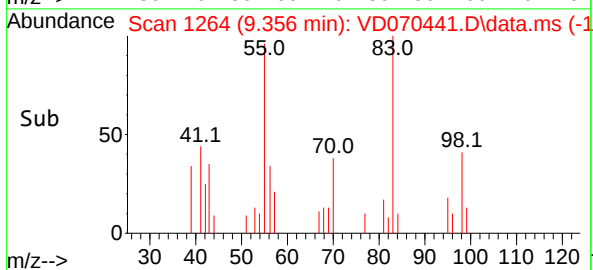
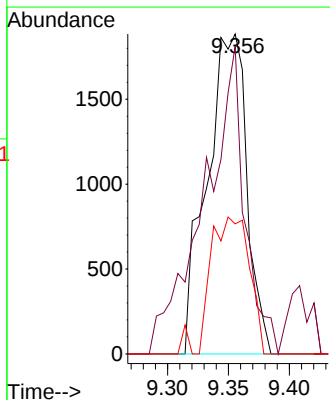
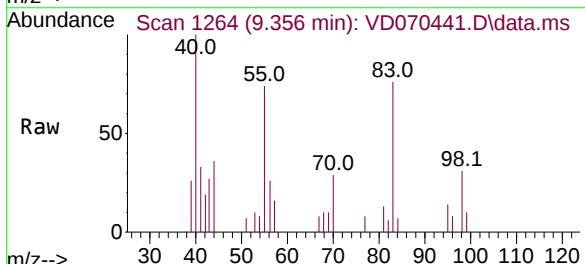
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

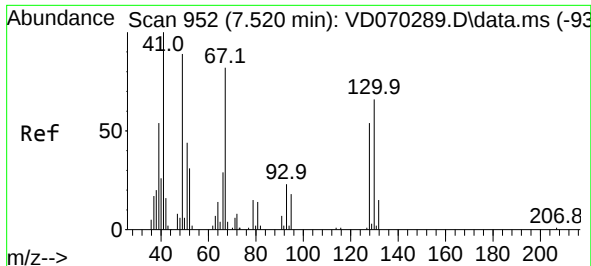
Tgt Ion:117 Resp: 6552  
Ion Ratio Lower Upper  
117 100  
119 12.9 76.1 114.1#  
121 0.0 23.8 35.6#



#39  
Methylcyclohexane  
Concen: 2.846 ug/l  
RT: 9.356 min Scan# 1264  
Delta R.T. 0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion: 83 Resp: 4304  
Ion Ratio Lower Upper  
83 100  
55 96.2 58.5 87.7#  
98 40.6 38.4 57.6

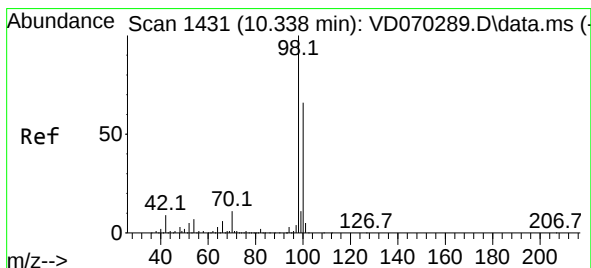
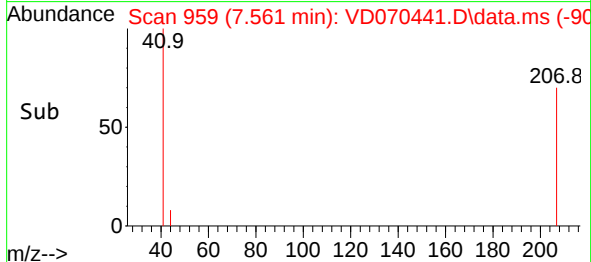
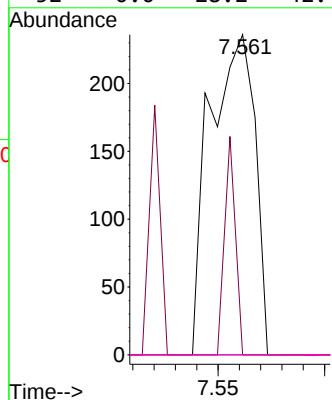
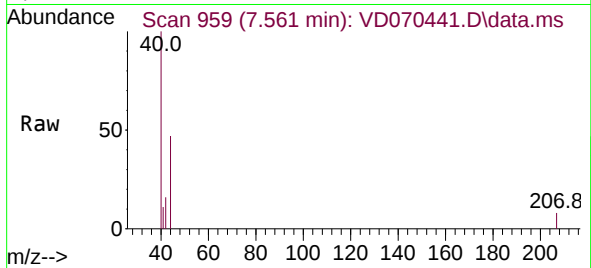




#41  
Methacrylonitrile  
Concen: 1.303 ug/l  
RT: 7.561 min Scan# 959  
Delta R.T. 0.041 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

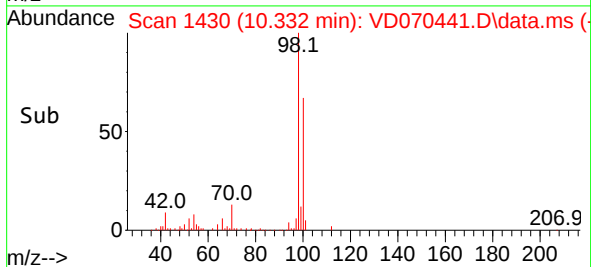
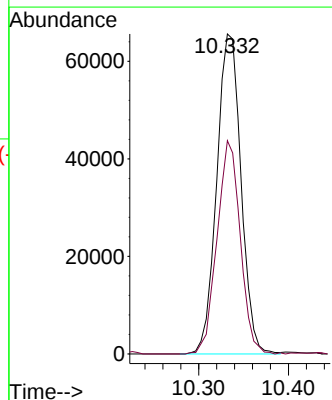
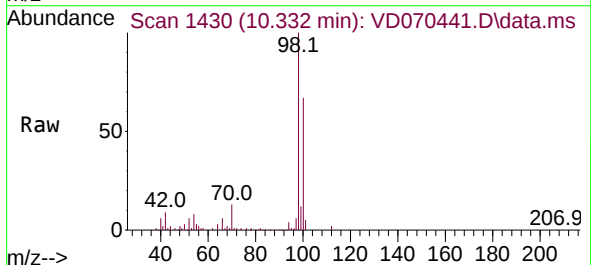
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

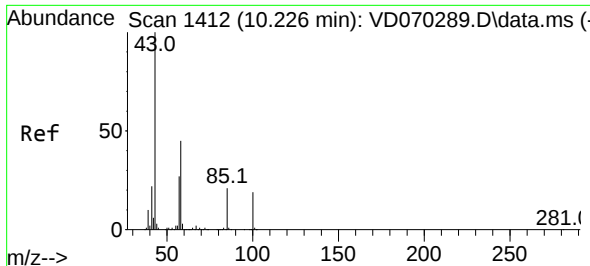
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 347    |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 16.4  | 45.7  | 68.5#  |
| 67       | 0.0   | 74.0  | 111.0# |
| 52       | 0.0   | 28.2  | 42.4#  |



#50  
Toluene-d8  
Concen: 37.674 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 123307 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 63.7  | 52.0  | 78.0   |

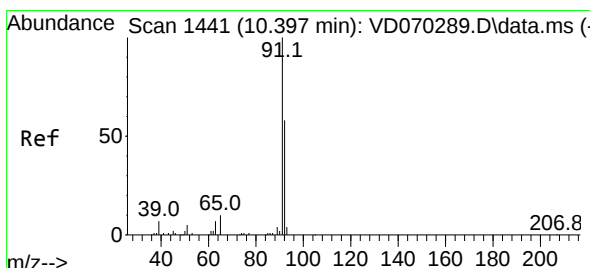
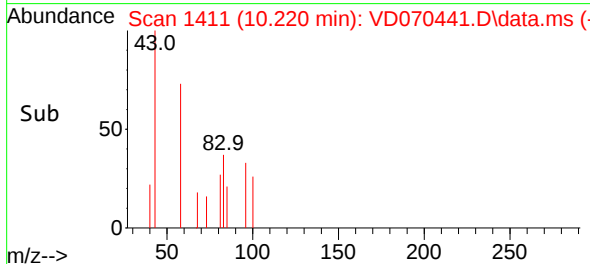
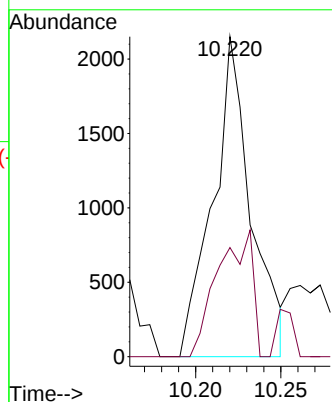
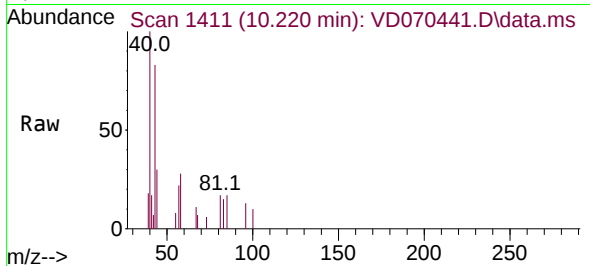




#51  
4-Methyl-2-Pentanone  
Concen: 6.884 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. -0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

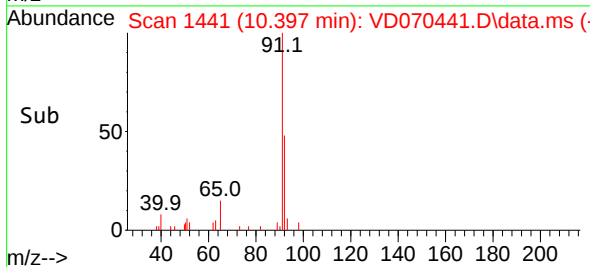
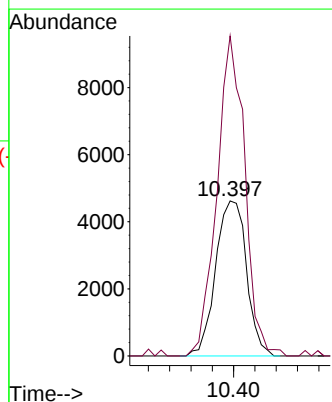
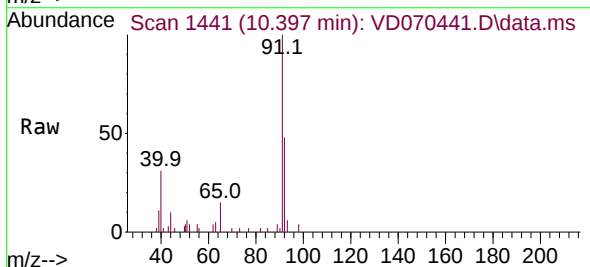
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

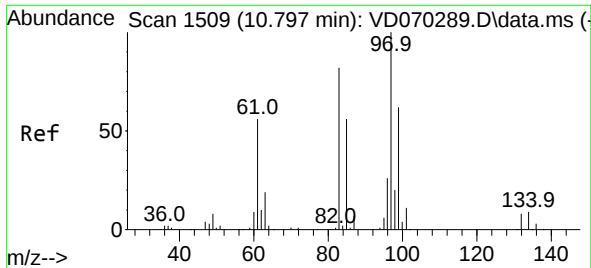
Tgt Ion: 43 Resp: 3334  
Ion Ratio Lower Upper  
43 100  
58 36.3 35.4 53.2



#52  
Toluene  
Concen: 3.878 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion: 92 Resp: 9295  
Ion Ratio Lower Upper  
92 100  
91 186.7 136.2 204.2

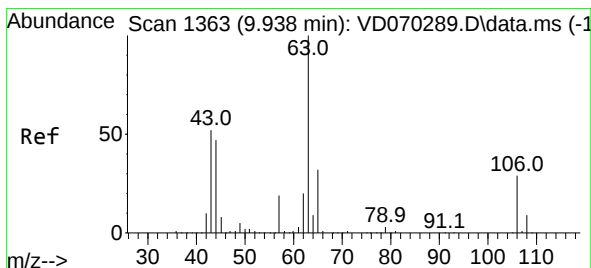
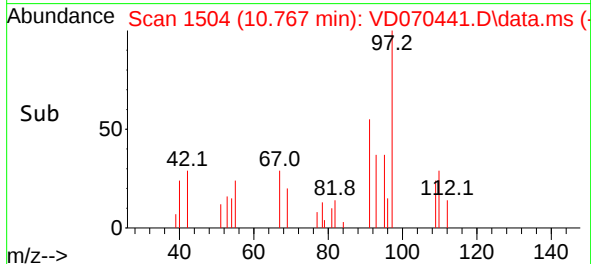
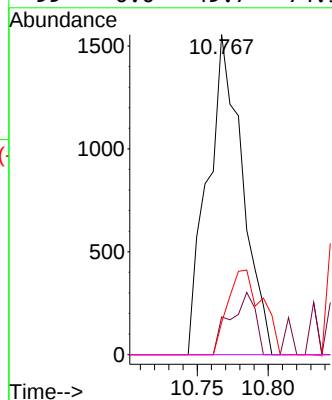
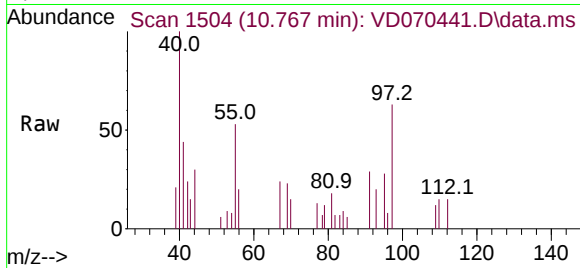




#55  
 1,1,2-Trichloroethane  
 Concen: 3.582 ug/l  
 RT: 10.767 min Scan# 1504  
 Delta R.T. -0.029 min  
 Lab File: VD070441.D  
 Acq: 23 Sep 2021 12:40

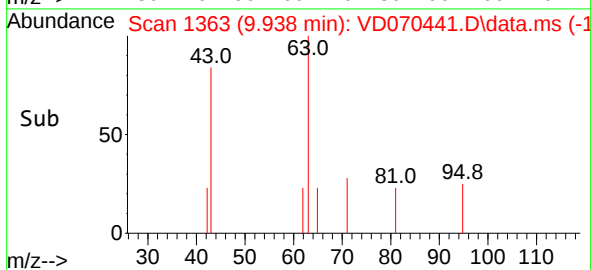
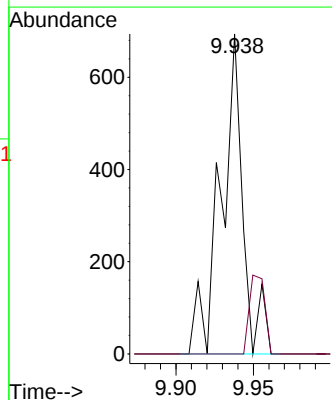
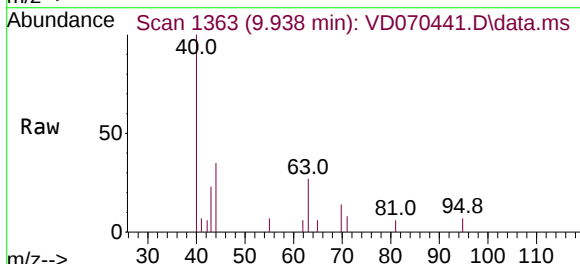
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SB-5-(1.5-2.5)RE

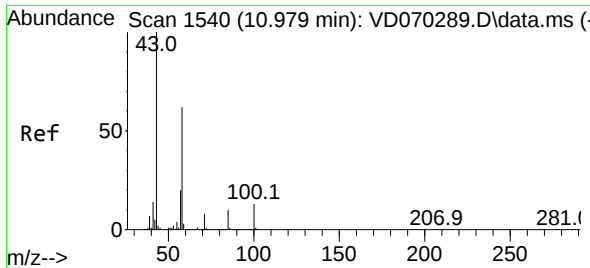
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 2641  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 11.8  | 65.3  | 97.9# |
| 85       | 10.0  | 44.8  | 67.2# |
| 99       | 0.0   | 49.7  | 74.5# |



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 1.779 ug/l  
 RT: 9.938 min Scan# 1363  
 Delta R.T. -0.000 min  
 Lab File: VD070441.D  
 Acq: 23 Sep 2021 12:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 690   |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 106      | 17.1  | 22.3  | 33.5# |

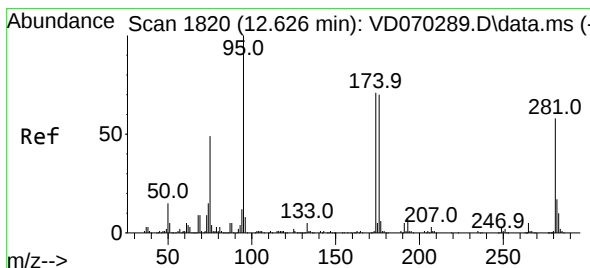
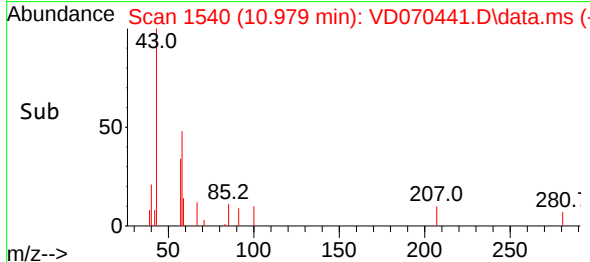
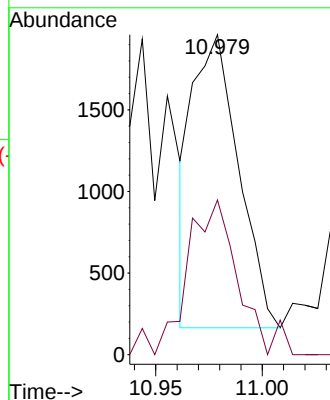
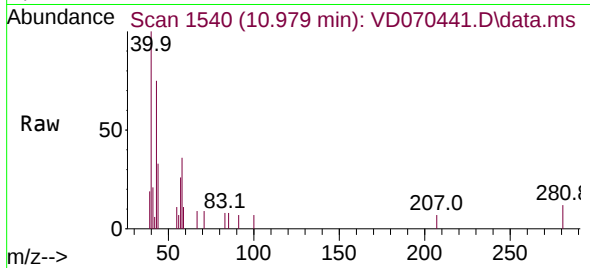




#59  
2-Hexanone  
Concen: 8.402 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

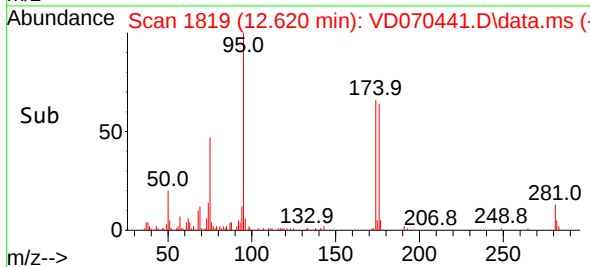
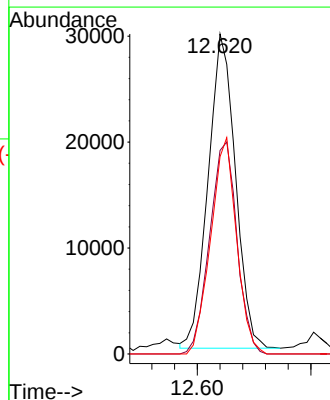
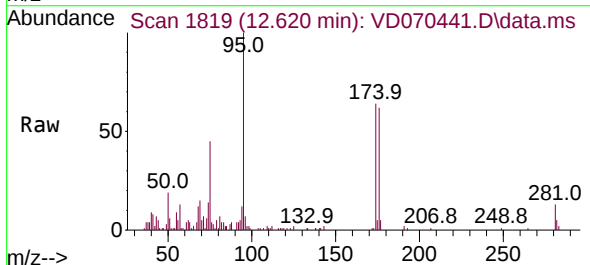
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

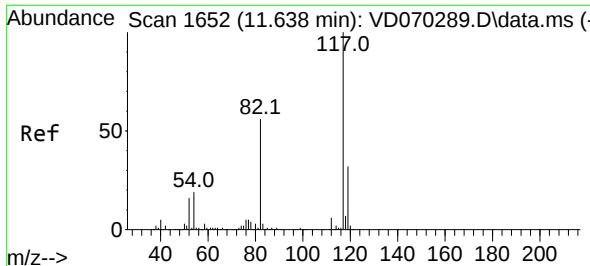
Tgt Ion: 43 Resp: 2715  
Ion Ratio Lower Upper  
43 100  
58 59.3 30.6 91.6



#62  
4-Bromofluorobenzene  
Concen: 43.346 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion: 95 Resp: 49582  
Ion Ratio Lower Upper  
95 100  
174 67.6 0.0 140.6  
176 64.9 0.0 137.4

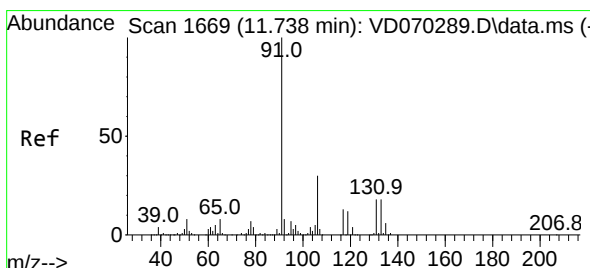
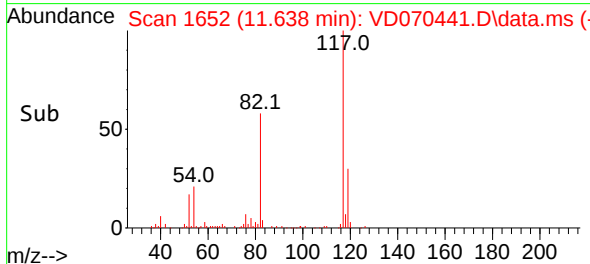
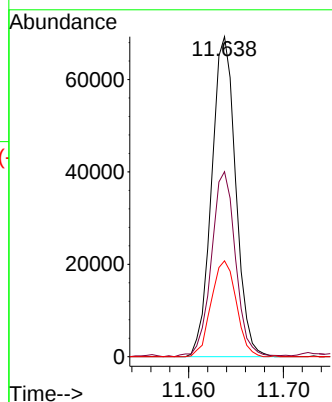
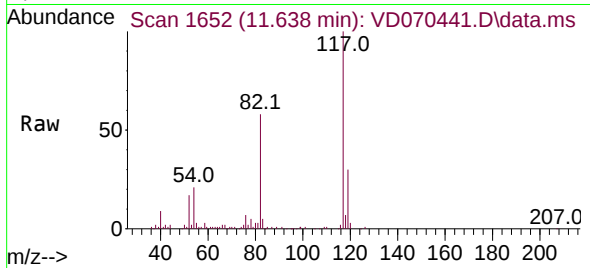




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

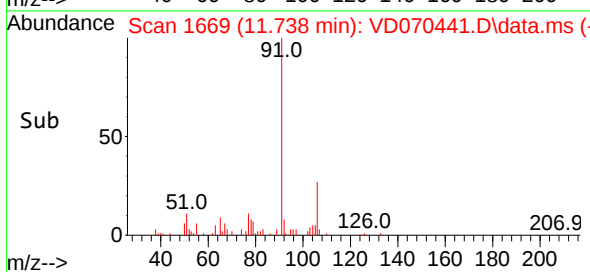
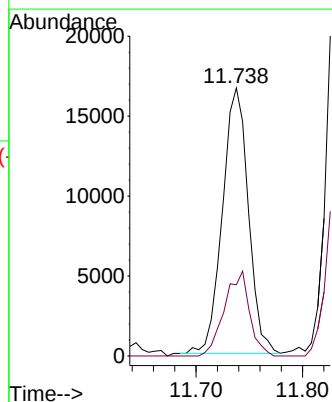
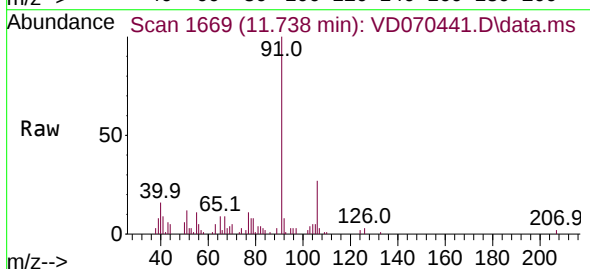
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

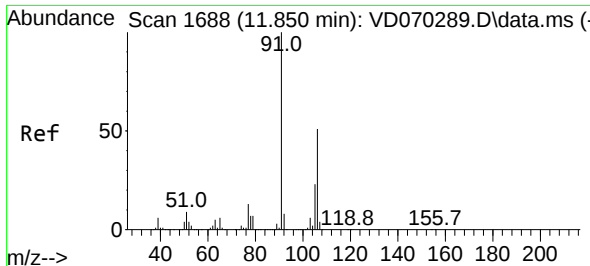
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 122181 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 57.4  | 45.0  | 67.4   |
| 119      | 30.0  | 25.2  | 37.8   |



#67  
Ethyl Benzene  
Concen: 6.438 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 28105 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 106      | 26.8  | 24.2  | 36.2  |

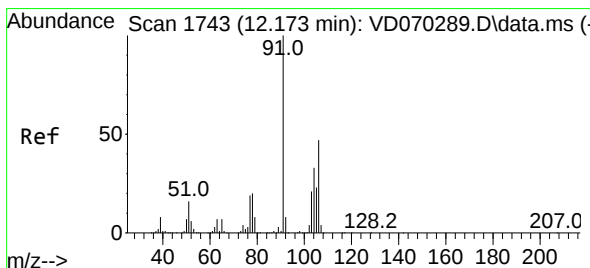
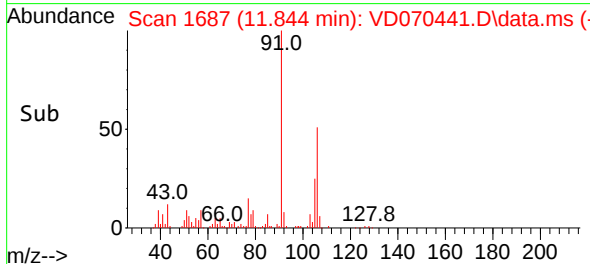
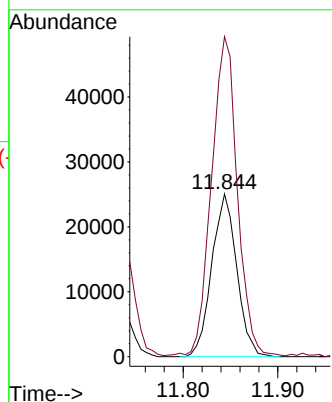
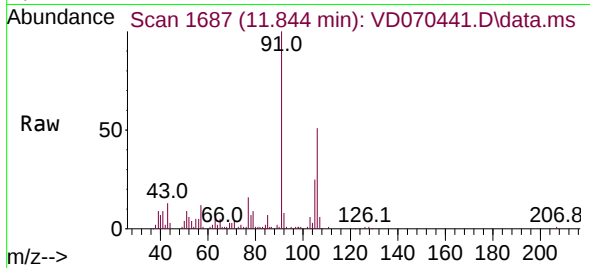




#68  
m/p-Xylenes  
Concen: 27.215 ug/l  
RT: 11.844 min Scan# 1687  
Delta R.T. -0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

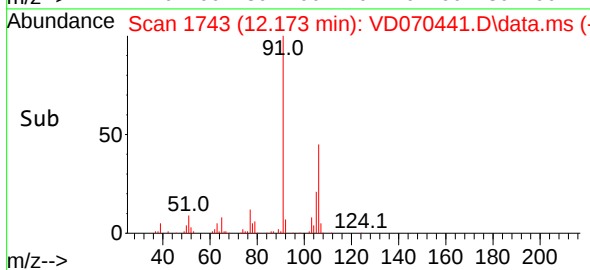
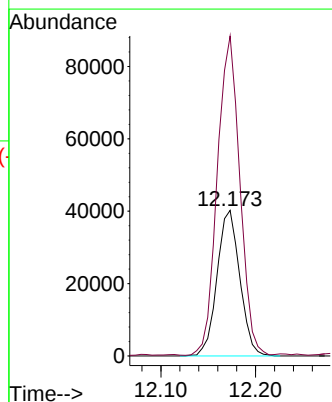
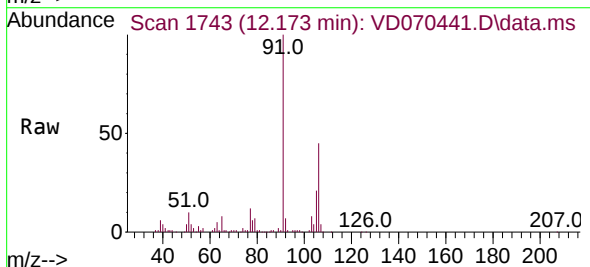
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

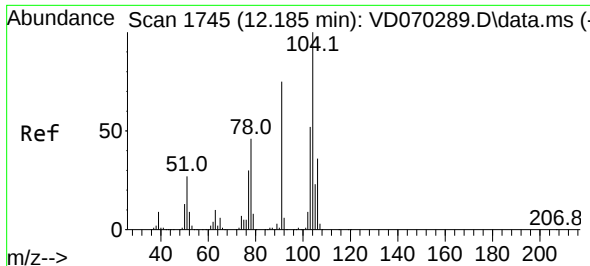
Tgt Ion:106 Resp: 45883  
Ion Ratio Lower Upper  
106 100  
91 202.1 161.2 241.8



#69  
o-Xylene  
Concen: 44.453 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion:106 Resp: 67141  
Ion Ratio Lower Upper  
106 100  
91 217.8 106.3 318.9

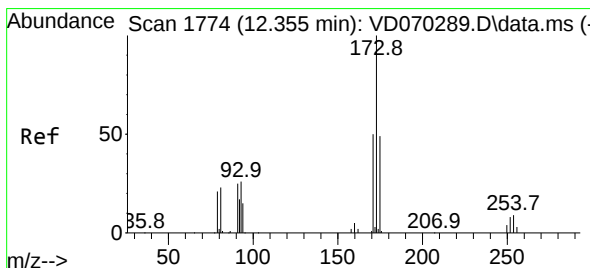
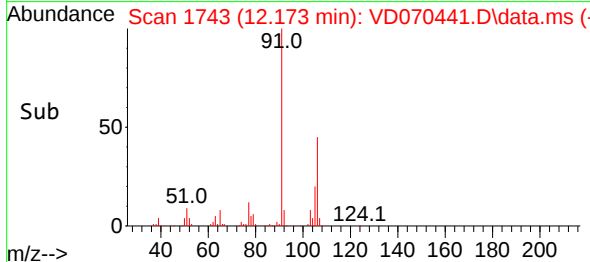
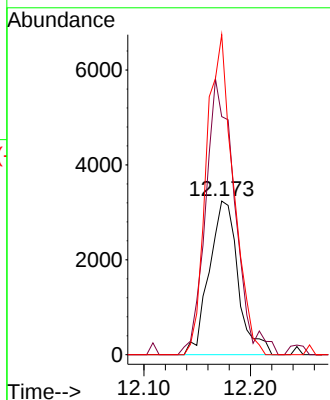
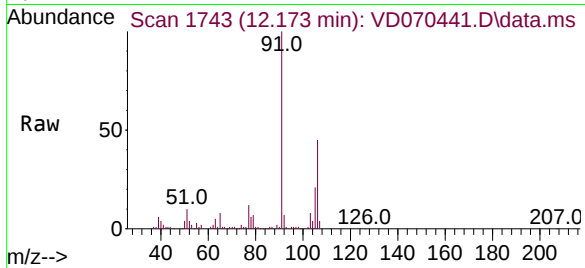




#70  
Styrene  
Concen: 2.308 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.012 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

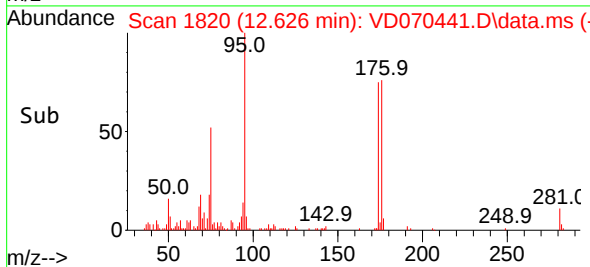
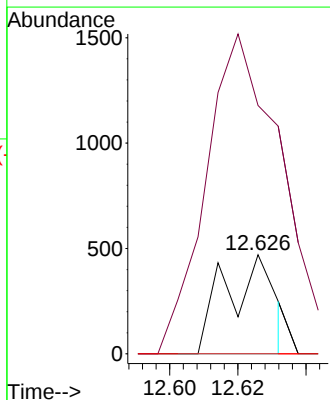
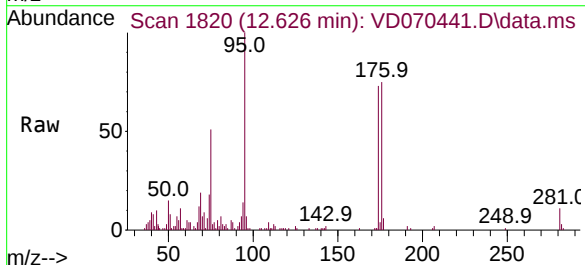
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

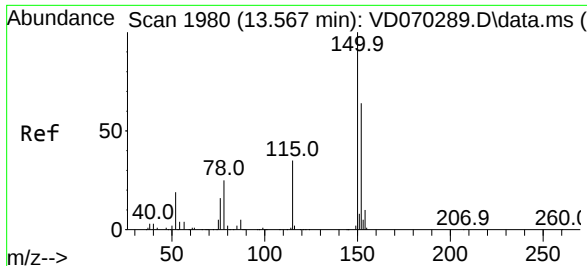
Tgt Ion:104 Resp: 6090  
Ion Ratio Lower Upper  
104 100  
78 181.5 38.6 57.8#  
103 195.4 43.4 65.0#



#71  
Bromoform  
Concen: 1.021 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.271 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion:173 Resp: 468  
Ion Ratio Lower Upper  
173 100  
175 439.7 25.1 75.2#  
254 0.0 0.1 0.1#

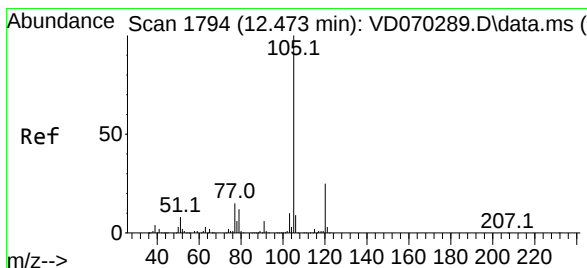
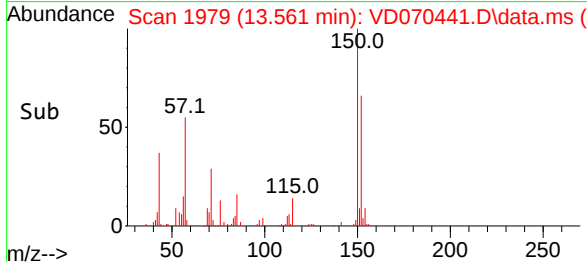
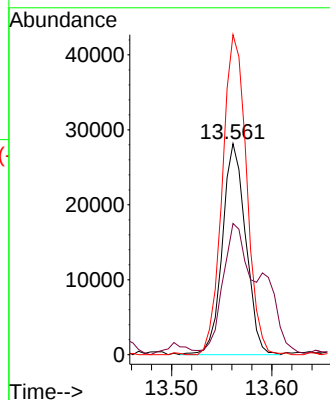
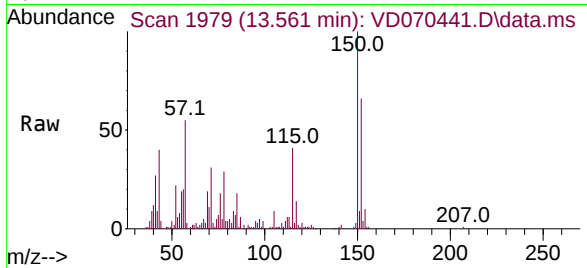




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

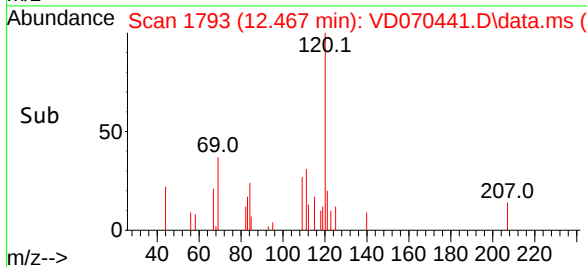
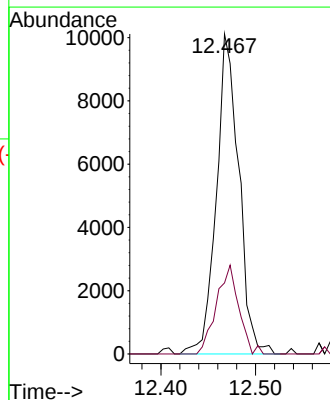
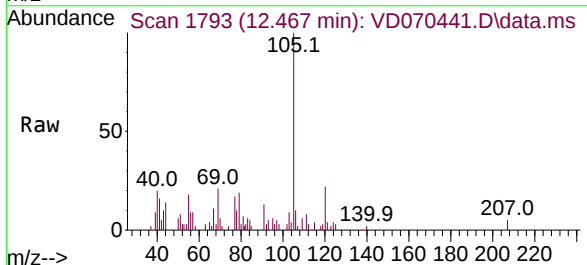
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

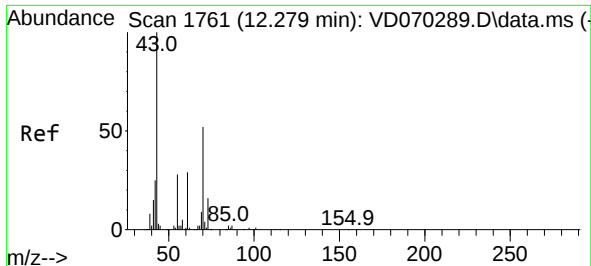
Tgt Ion:152 Resp: 45433  
Ion Ratio Lower Upper  
152 100  
115 68.6 32.1 96.3  
150 157.6 0.0 350.6



#73  
Isopropylbenzene  
Concen: 5.221 ug/l  
RT: 12.467 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion:105 Resp: 16635  
Ion Ratio Lower Upper  
105 100  
120 27.7 13.0 38.9

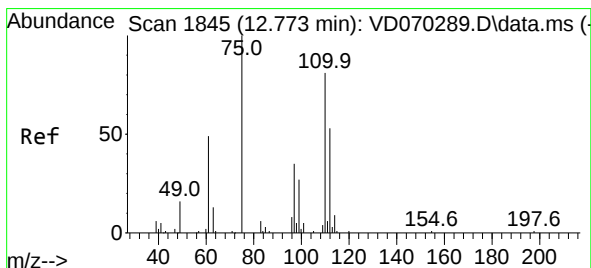
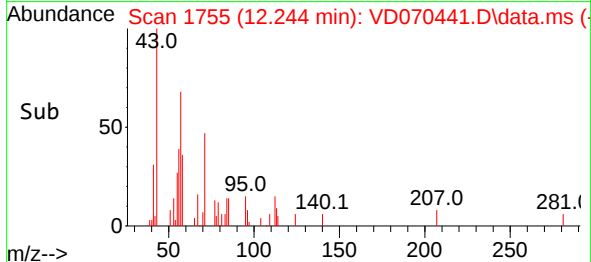
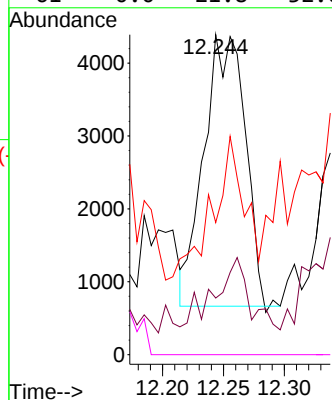
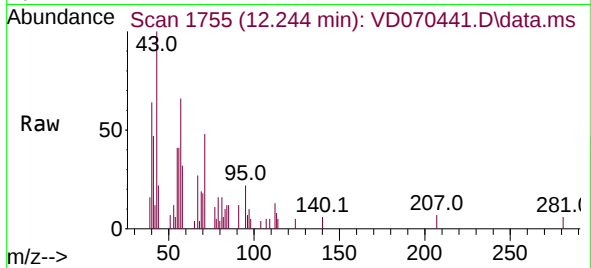




#74  
N-amy1 acetate  
Concen: 12.608 ug/l  
RT: 12.244 min Scan# 1755  
Delta R.T. -0.035 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

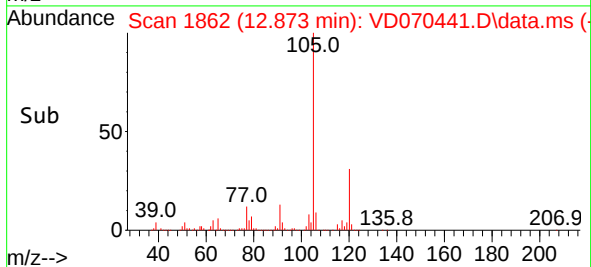
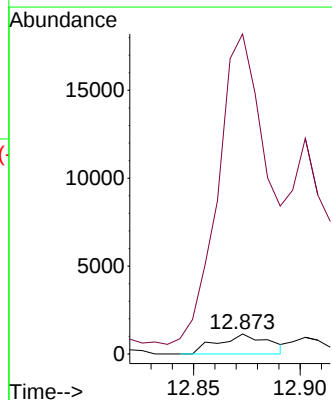
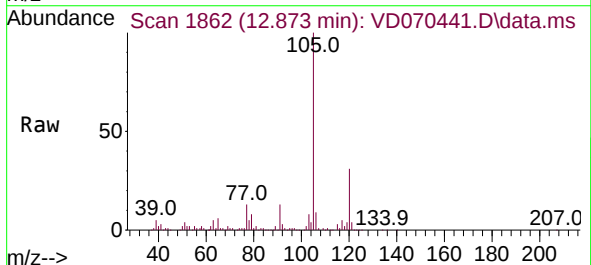
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

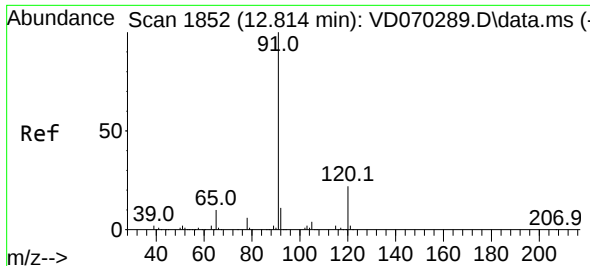
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 8753  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 22.2  | 41.4  | 62.0# |
| 55       | 38.6  | 22.8  | 34.2# |
| 61       | 0.0   | 21.8  | 32.6# |



#76  
1,2,3-Trichloropropane  
Concen: 4.039 ug/l  
RT: 12.873 min Scan# 1862  
Delta R.T. 0.100 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

|          |        |       |        |
|----------|--------|-------|--------|
| Tgt Ion: | 75     | Resp: | 1856   |
| Ion      | Ratio  | Lower | Upper  |
| 75       | 100    |       |        |
| 77       | 1519.9 | 174.9 | 524.7# |

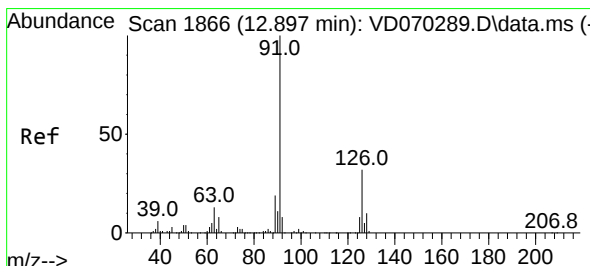
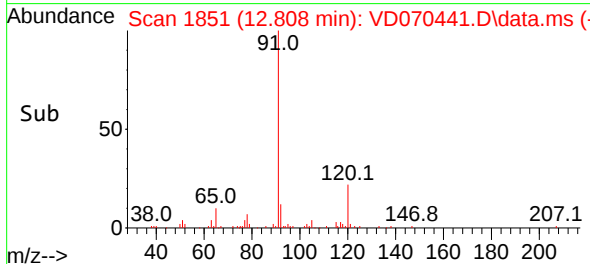
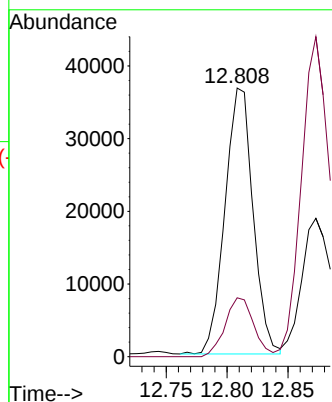
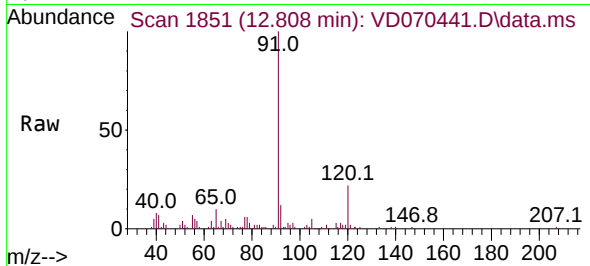




#78  
n-propylbenzene  
Concen: 14.226 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. -0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

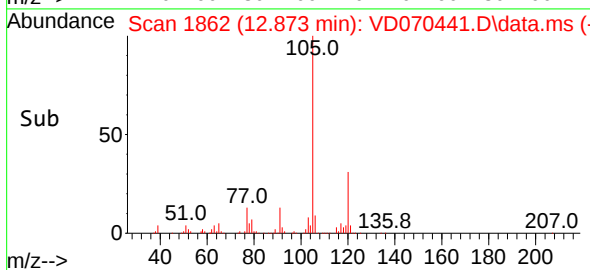
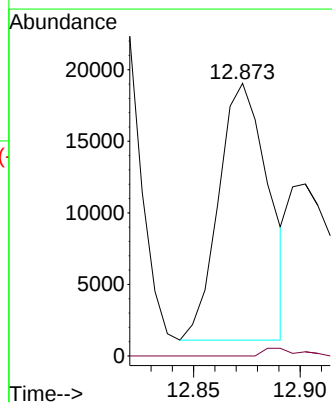
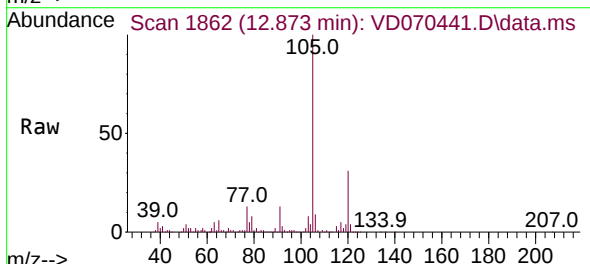
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

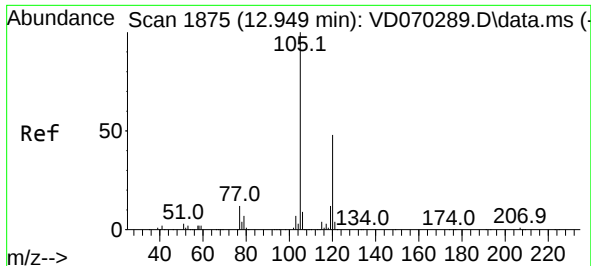
Tgt Ion: 91 Resp: 58829  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.0 33.0



#79  
2-Chlorotoluene  
Concen: 12.072 ug/l  
RT: 12.873 min Scan# 1862  
Delta R.T. -0.024 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion: 91 Resp: 29098  
Ion Ratio Lower Upper  
91 100  
126 2.1 16.2 48.6#

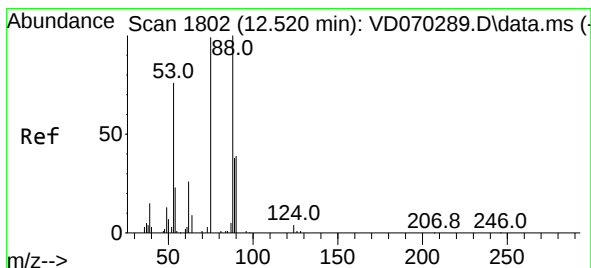
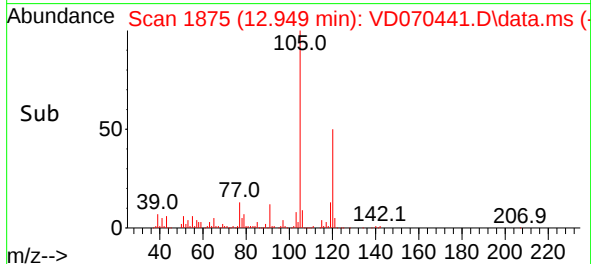
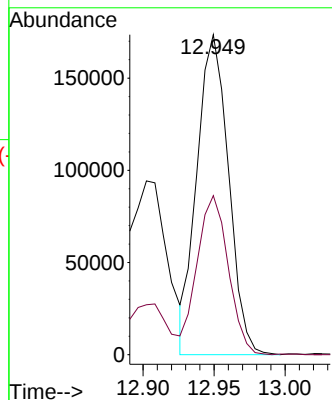
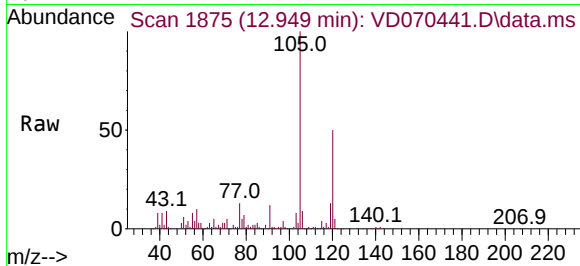




#80  
1,3,5-Trimethylbenzene  
Concen: 97.519 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

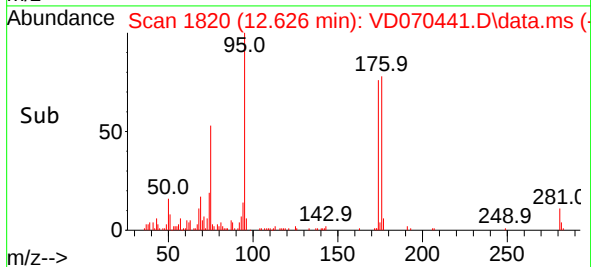
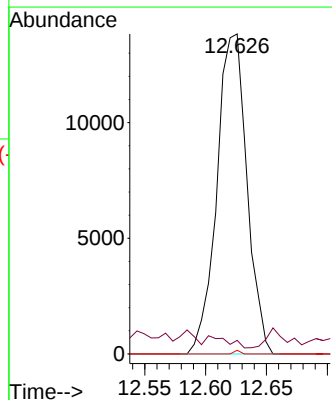
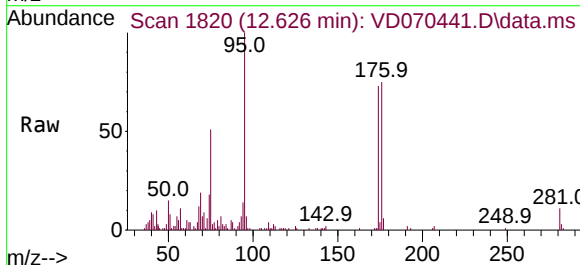
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

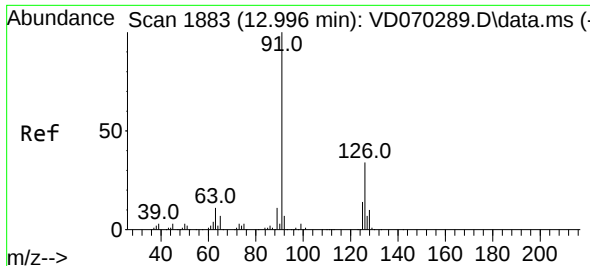
Tgt Ion:105 Resp: 268160  
Ion Ratio Lower Upper  
105 100  
120 49.0 24.1 72.2



#81  
trans-1,4-Dichloro-2-butene  
Concen: 129.668 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.106 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion: 75 Resp: 23783  
Ion Ratio Lower Upper  
75 100  
53 0.0 64.2 96.2#  
89 0.2 35.6 53.4#

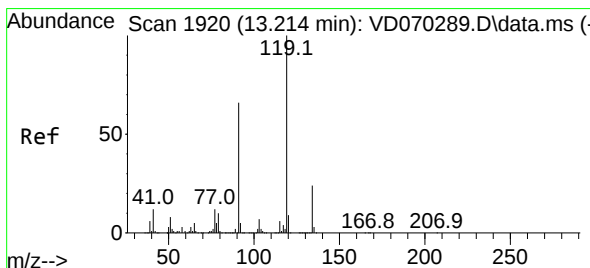
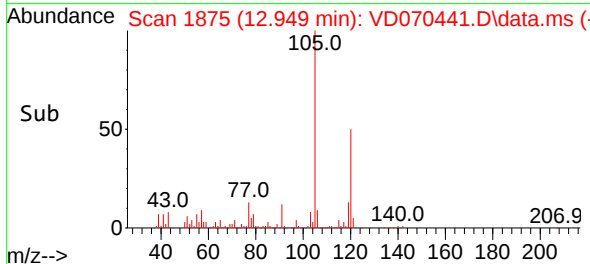
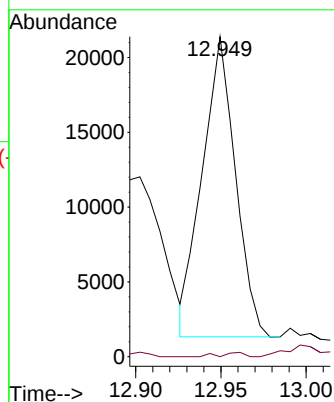
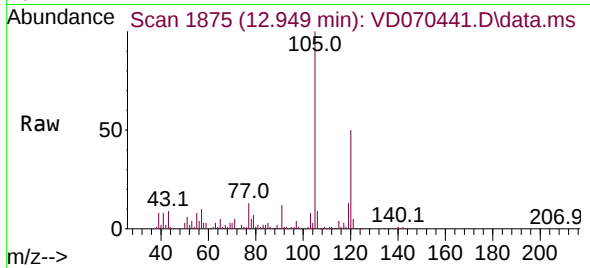




#82  
4-Chlorotoluene  
Concen: 10.702 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.047 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

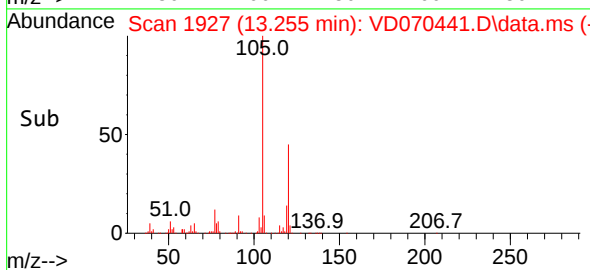
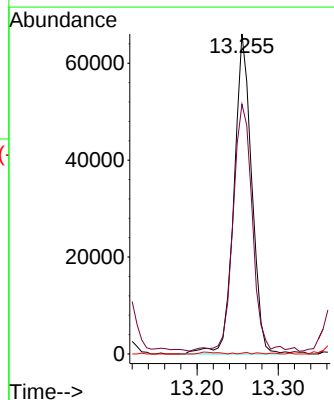
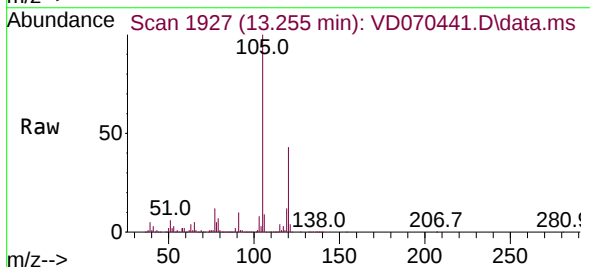
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

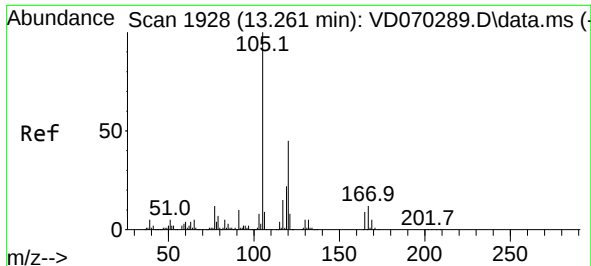
Tgt Ion: 91 Resp: 27215  
Ion Ratio Lower Upper  
91 100  
126 1.0 16.2 48.5#



#83  
tert-Butylbenzene  
Concen: 45.237 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. 0.041 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion: 119 Resp: 99766  
Ion Ratio Lower Upper  
119 100  
91 84.4 33.7 101.0  
134 0.4 13.2 39.5#

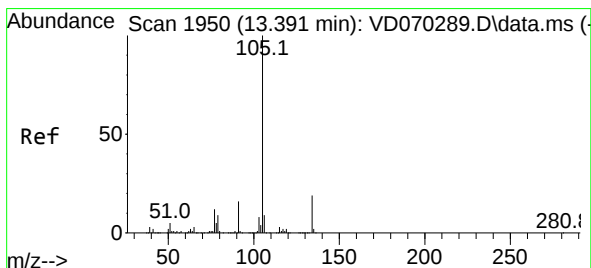
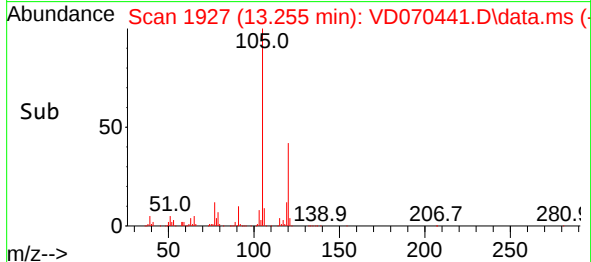
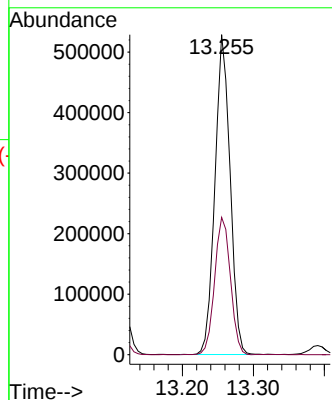
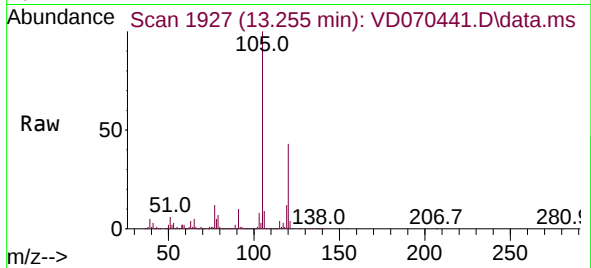




#84  
1,2,4-Trimethylbenzene  
Concen: 288.774 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

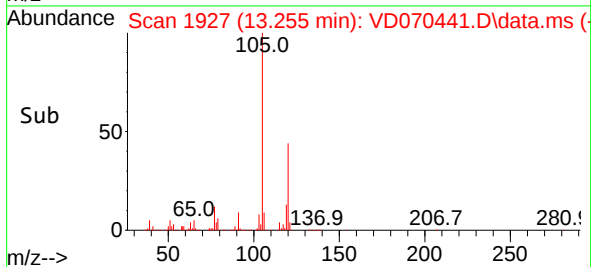
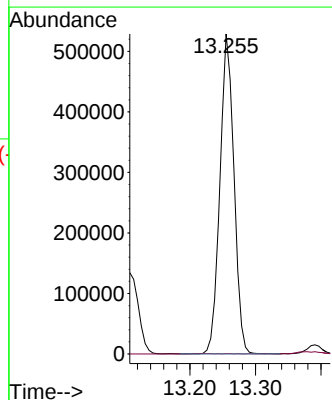
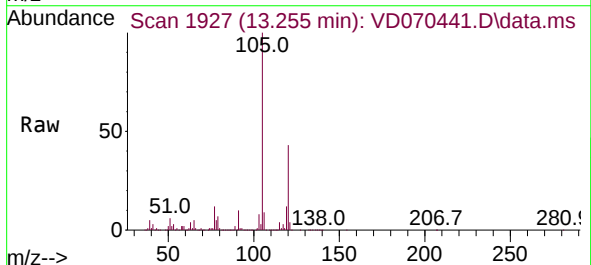
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

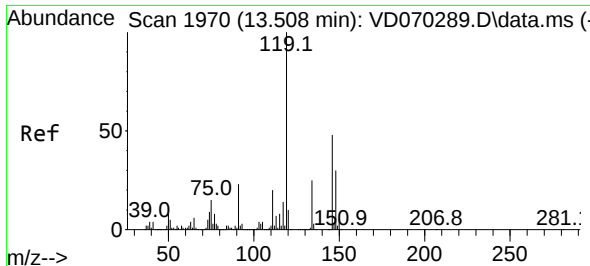
Tgt Ion:105 Resp: 781961  
Ion Ratio Lower Upper  
105 100  
120 44.7 22.3 66.8



#85  
sec-Butylbenzene  
Concen: 223.168 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. -0.135 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion:105 Resp: 782333  
Ion Ratio Lower Upper  
105 100  
134 0.1 9.8 29.3#

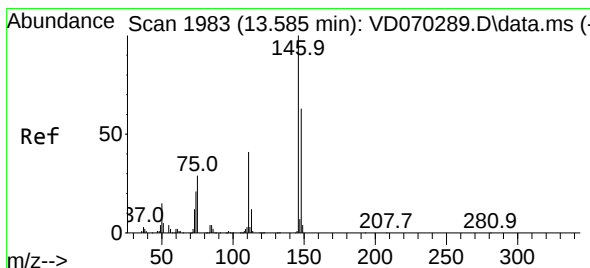
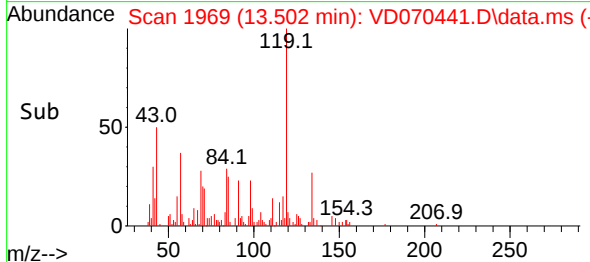
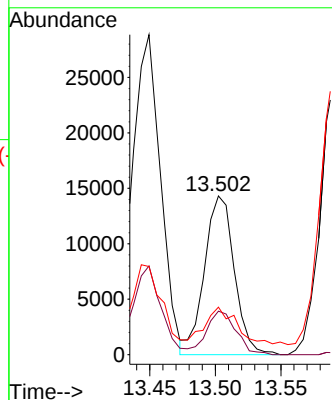
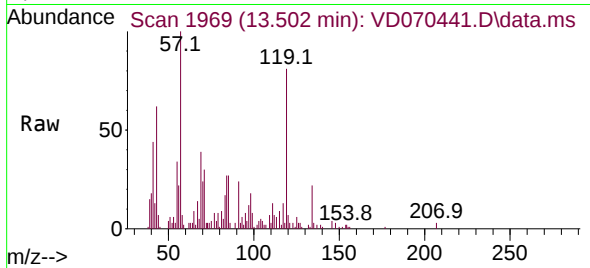




#86  
p-Isopropyltoluene  
Concen: 8.064 ug/l  
RT: 13.502 min Scan# 1969  
Delta R.T. -0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

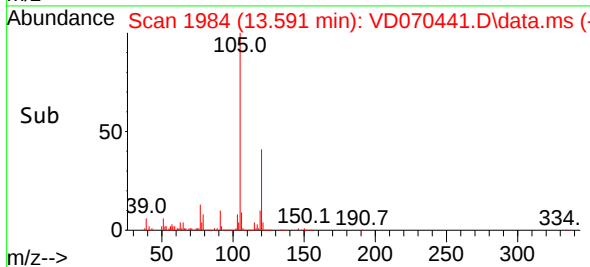
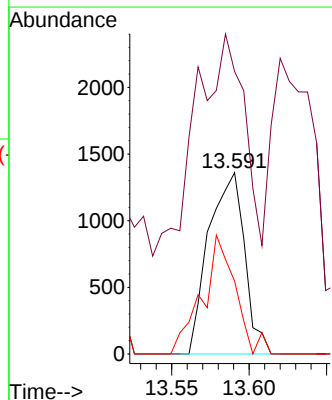
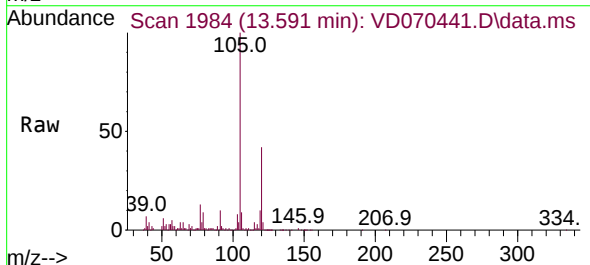
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

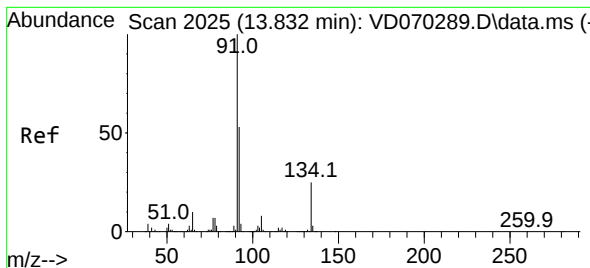
Tgt Ion:119 Resp: 22714  
Ion Ratio Lower Upper  
119 100  
134 27.2 12.7 38.0  
91 30.8 11.8 35.3



#88  
1,4-Dichlorobenzene  
Concen: 1.426 ug/l  
RT: 13.591 min Scan# 1984  
Delta R.T. 0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion:146 Resp: 2190  
Ion Ratio Lower Upper  
146 100  
111 147.1 20.9 62.8#  
148 60.4 31.9 95.5

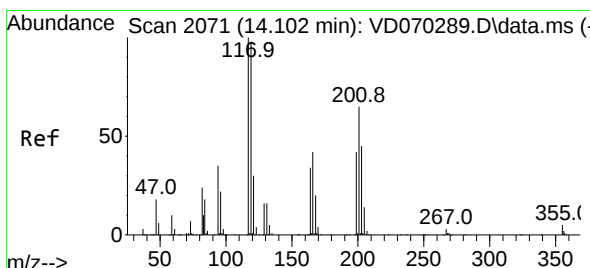
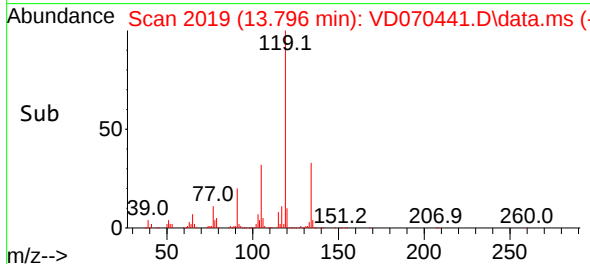
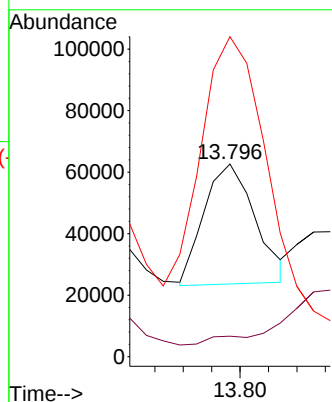
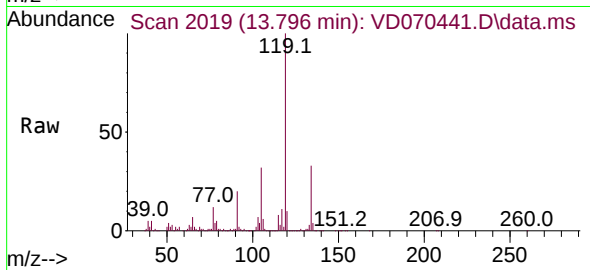




#89  
n-Butylbenzene  
Concen: 17.445 ug/l  
RT: 13.796 min Scan# 2019  
Delta R.T. -0.035 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

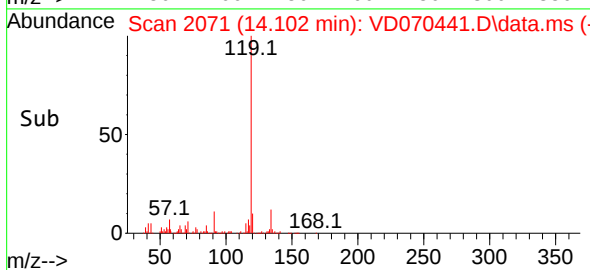
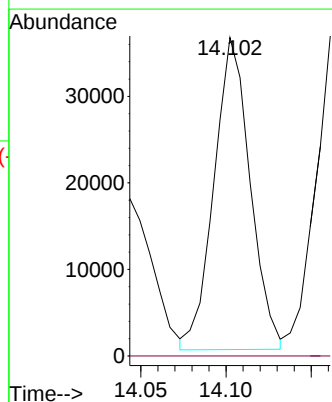
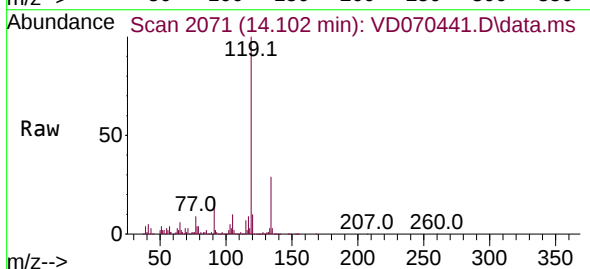
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

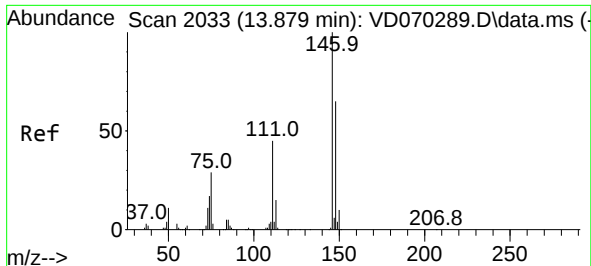
Tgt Ion: 91 Resp: 48989  
Ion Ratio Lower Upper  
91 100  
92 0.0 26.8 80.4#  
134 397.0 12.1 36.3#



#90  
Hexachloroethane  
Concen: 82.404 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. -0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion: 117 Resp: 53131  
Ion Ratio Lower Upper  
117 100  
201 0.0 31.9 95.9#

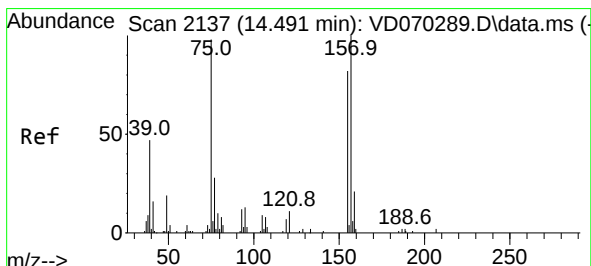
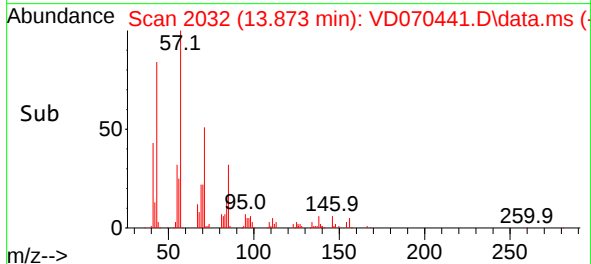
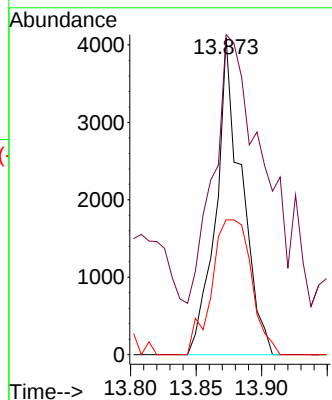
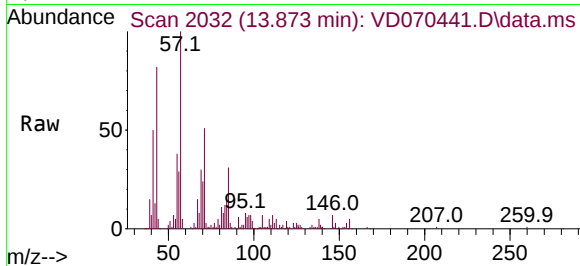




#91  
1,2-Dichlorobenzene  
Concen: 4.121 ug/l  
RT: 13.873 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

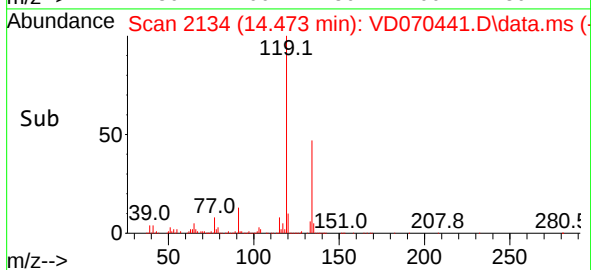
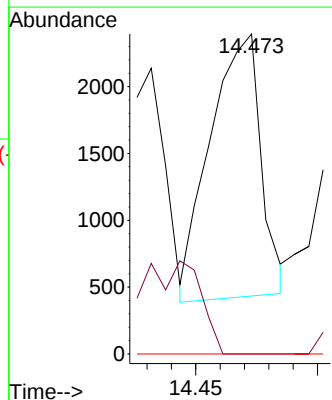
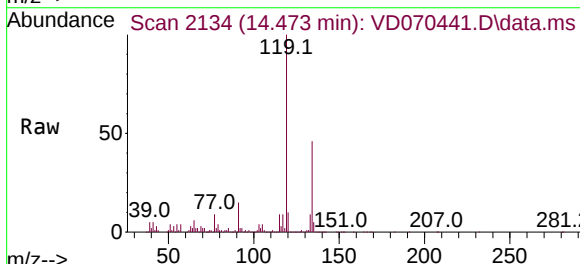
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

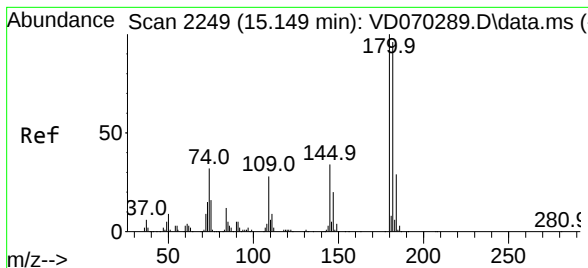
Tgt Ion:146 Resp: 5565  
Ion Ratio Lower Upper  
146 100  
111 170.1 21.9 65.7#  
148 65.9 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 27.965 ug/l  
RT: 14.473 min Scan# 2134  
Delta R.T. -0.018 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion: 75 Resp: 2858  
Ion Ratio Lower Upper  
75 100  
155 0.0 40.3 120.9#  
157 0.0 48.9 146.6#

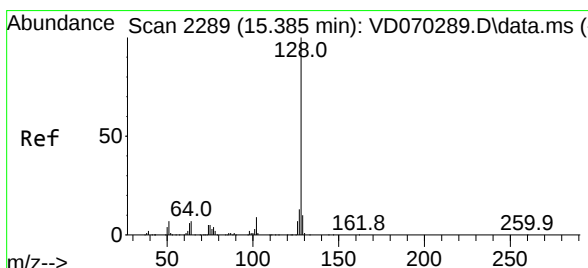
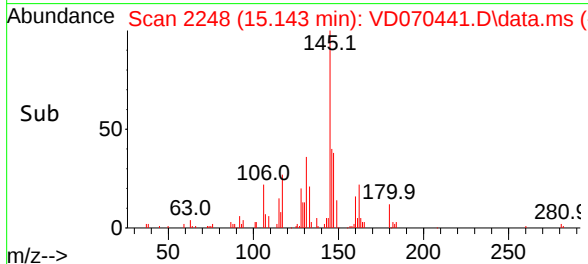
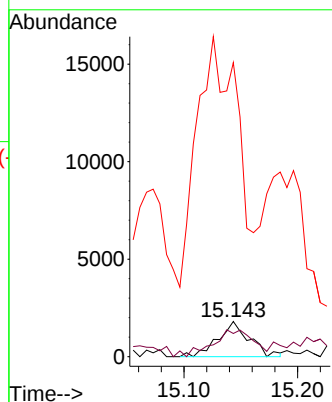
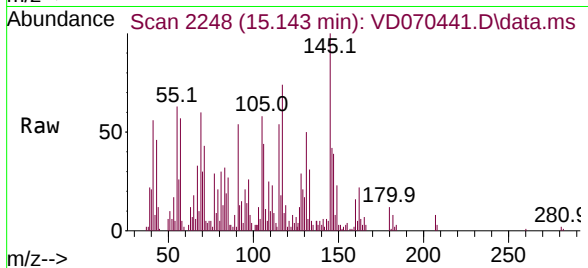




#93  
1,2,4-Trichlorobenzene  
Concen: 4.763 ug/l  
RT: 15.143 min Scan# 2248  
Delta R.T. -0.006 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

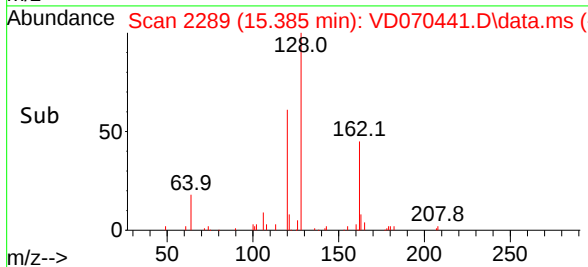
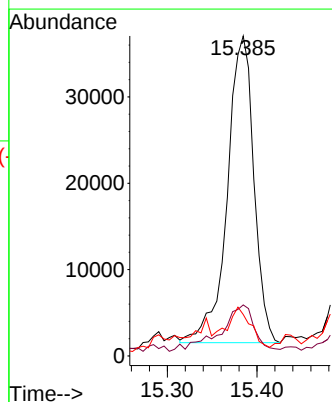
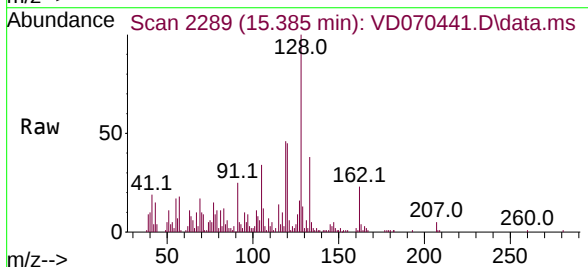
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-5-(1.5-2.5)RE

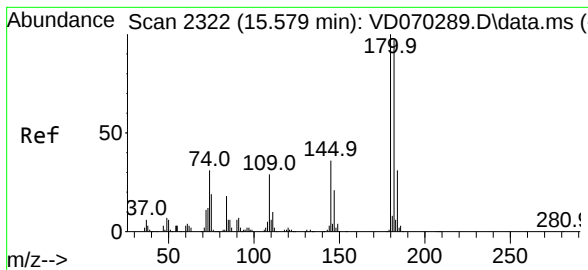
Tgt Ion:180 Resp: 3473  
Ion Ratio Lower Upper  
180 100  
182 96.0 48.1 144.4  
145 1134.6 16.8 50.4#



#95  
Naphthalene  
Concen: 55.185 ug/l  
RT: 15.385 min Scan# 2289  
Delta R.T. -0.000 min  
Lab File: VD070441.D  
Acq: 23 Sep 2021 12:40

Tgt Ion:128 Resp: 73132  
Ion Ratio Lower Upper  
128 100  
127 19.6 10.5 15.7#  
129 10.8 9.0 13.4





#96  
 1,2,3-Trichlorobenzene  
 Concen: 3.932 ug/l  
 RT: 15.579 min Scan# 2322  
 Delta R.T. 0.000 min  
 Lab File: VD070441.D  
 Acq: 23 Sep 2021 12:40

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SB-5-(1.5-2.5)RE

Tgt Ion:180 Resp: 2530  
 Ion Ratio Lower Upper  
 180 100  
 182 55.3 47.9 143.6  
 145 1065.1 17.7 53.1#

