

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD051321\  
 Data File : VD069164.D  
 Acq On : 13 May 2021 18:28  
 Operator : VA/SY  
 Sample : M2392-19  
 Misc : 5.02G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SB-07-4.5-5.0

Quant Time: May 14 01:23:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 13 04:01:29 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.973  | 168  | 7240     | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 16850    | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.643 | 117  | 19348    | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.573 | 152  | 13019    | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 7659     | 105.52   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 211.04%# |
| 35) Dibromofluoromethane    | 7.920  | 113   | 4562     | 41.60    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 83.20%   |
| 50) Toluene-d8              | 10.338 | 98    | 22862    | 56.74    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 113.48%  |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 12435    | 95.91    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 191.82%# |

|                               |        |     |      |       |        |        |
|-------------------------------|--------|-----|------|-------|--------|--------|
| Target Compounds              |        |     |      |       |        | Qvalue |
| 3) Chloromethane              | 2.215  | 50  | 567  | 6.41  | ug/l # | 42     |
| 5) Bromomethane               | 2.785  | 94  | 1124 | 12.81 | ug/l # | 74     |
| 10) Methyl Iodide             | 4.314  | 142 | 229  | 3.60  | ug/l # | 65     |
| 12) 1,1-Dichloroethene        | 4.079  | 96  | 108  | 1.49  | ug/l # | 1      |
| 16) Acetone                   | 4.150  | 43  | 885  | 79.61 | ug/l # | 65     |
| 18) Methyl Acetate            | 4.673  | 43  | 63   | 2.33  | ug/l # | 45     |
| 20) Methylene Chloride        | 4.973  | 84  | 1659 | 11.32 | ug/l # | 74     |
| 23) Vinyl Acetate             | 6.191  | 43  | 138  | 1.47  | ug/l # | 66     |
| 25) 2-Butanone                | 7.208  | 43  | 69   | 4.58  | ug/l # | 38     |
| 29) Tetrahydrofuran           | 7.508  | 42  | 54   | 6.59  | ug/l # | 24     |
| 31) Cyclohexane               | 7.985  | 56  | 186  | 1.73  | ug/l # | 83     |
| 36) 1,1-Dichloropropene       | 7.973  | 75  | 593  | 3.62  | ug/l # | 54     |
| 37) Ethyl Acetate             | 7.291  | 43  | 55   | 1.04  | ug/l # | 66     |
| 39) Methylcyclohexane         | 9.373  | 83  | 564  | 3.26  | ug/l # | 29     |
| 41) Methacrylonitrile         | 7.514  | 41  | 254  | 9.07  | ug/l # | 64     |
| 46) Dibromomethane            | 9.467  | 93  | 308  | 4.65  | ug/l # | 1      |
| 47) Bromodichloromethane      | 9.667  | 83  | 518  | 3.07  | ug/l # | 26     |
| 48) Methyl methacrylate       | 9.491  | 41  | 373  | 8.44  | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone      | 10.108 | 43  | 158  | 3.21  | ug/l   | 97     |
| 52) Toluene                   | 10.267 | 92  | 325  | 1.07  | ug/l   | 80     |
| 55) 1,1,2-Trichloroethane     | 10.808 | 97  | 796  | 8.92  | ug/l # | 29     |
| 56) Ethyl methacrylate        | 10.673 | 69  | 742  | 8.74  | ug/l # | 26     |
| 58) 2-Chloroethyl Vinyl ether | 10.091 | 63  | 116  | 2.63  | ug/l # | 14     |
| 59) 2-Hexanone                | 10.985 | 43  | 979  | 29.83 | ug/l # | 19     |
| 60) Dibromochloromethane      | 11.185 | 129 | 413  | 3.60  | ug/l   | 62     |
| 61) 1,2-Dibromoethane         | 11.249 | 107 | 1549 | 17.56 | ug/l   | 92     |
| 64) Tetrachloroethene         | 10.873 | 164 | 676  | 5.03  | ug/l # | 48     |
| 66) 1,1,1,2-Tetrachloroethane | 11.608 | 131 | 398  | 2.63  | ug/l   | 88     |
| 67) Ethyl Benzene             | 11.738 | 91  | 1020 | 1.48  | ug/l   | 96     |
| 68) m/p-Xylenes               | 11.861 | 106 | 315  | 1.16  | ug/l # | 25     |
| 69) o-Xylene                  | 12.190 | 106 | 403  | 1.68  | ug/l   | 84     |
| 71) Bromoform                 | 12.355 | 173 | 304  | 3.86  | ug/l # | 63     |
| 74) N-amyl acetate            | 12.255 | 43  | 991  | 6.66  | ug/l # | 1      |
| 75) 1,1,2,2-Tetrachloroethane | 12.973 | 83  | 1336 | 8.10  | ug/l   | 72     |
| 76) 1,2,3-Trichloropropane    | 12.626 | 75  | 4715 | 48.18 | ug/l # | 100    |
| 78) n-propylbenzene           | 12.749 | 91  | 2286 | 2.08  | ug/l   | 97     |

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 Sample : M2392-19  
 Misc : 5.02G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SB-07-4.5-5.0

Quant Time: May 14 01:23:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 13 04:01:29 2021  
 Response via : Initial Calibration

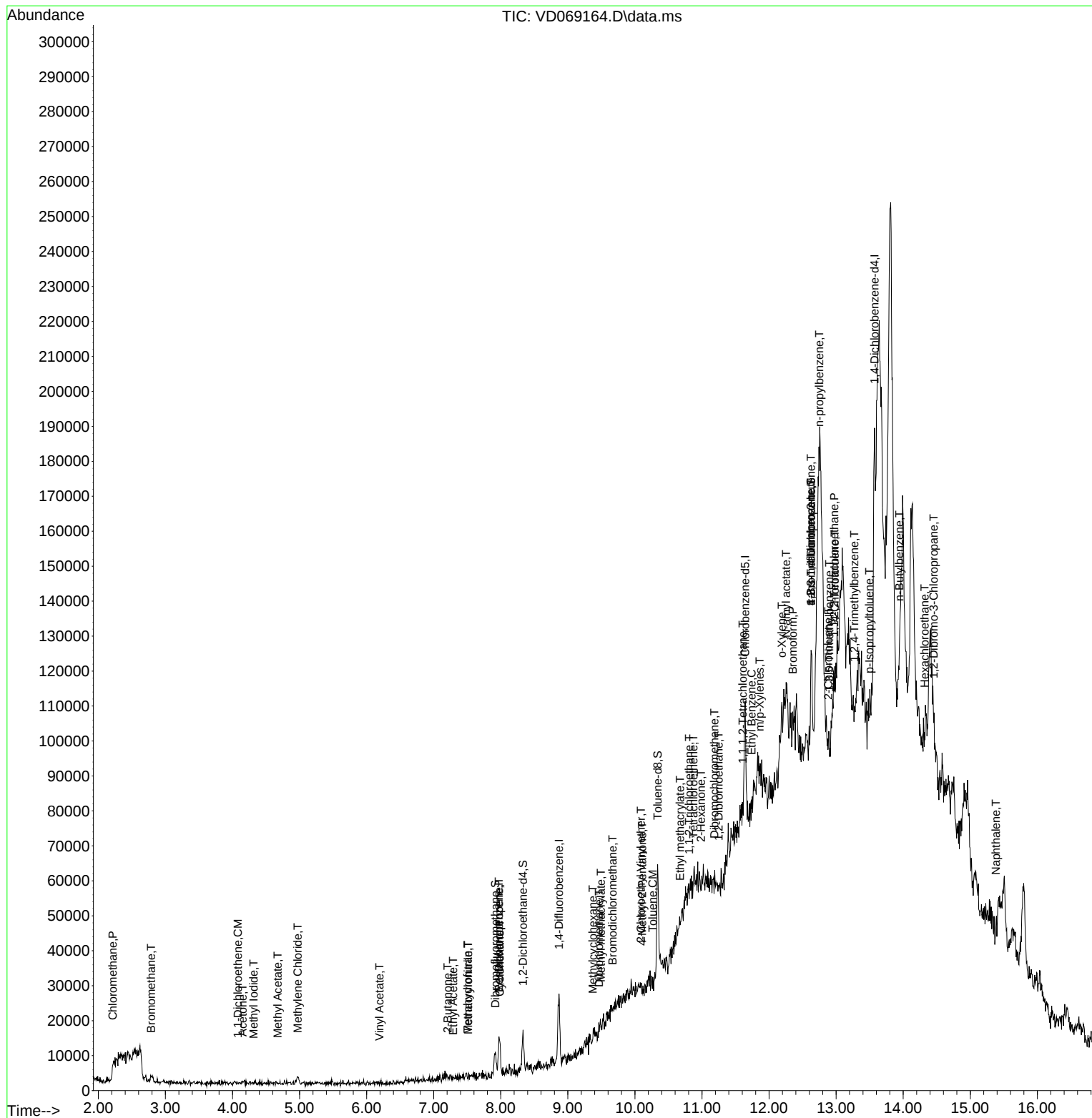
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 79) 2-Chlorotoluene           | 12.885 | 91   | 905      | 1.48  | ug/l   | 70       |
| 80) 1,3,5-Trimethylbenzene    | 12.896 | 105  | 973      | 1.30  | ug/l   | 85       |
| 81) trans-1,4-Dichloro-2-b... | 12.626 | 75   | 4715     | 97.32 | ug/l # | 27       |
| 82) 4-Chlorotoluene           | 12.979 | 91   | 696      | 1.07  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.273 | 105  | 840      | 1.11  | ug/l   | 74       |
| 86) p-Isopropyltoluene        | 13.496 | 119  | 978      | 1.18  | ug/l # | 1        |
| 89) n-Butylbenzene            | 13.943 | 91   | 2471     | 3.21  | ug/l   | 74       |
| 90) Hexachloroethane          | 14.320 | 117  | 542      | 3.50  | ug/l   | 67       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.455 | 75   | 125      | 4.88  | ug/l # | 10       |
| 95) Naphthalene               | 15.384 | 128  | 412      | 2.97  | ug/l # | 1        |
| -----                         |        |      |          |       |        |          |

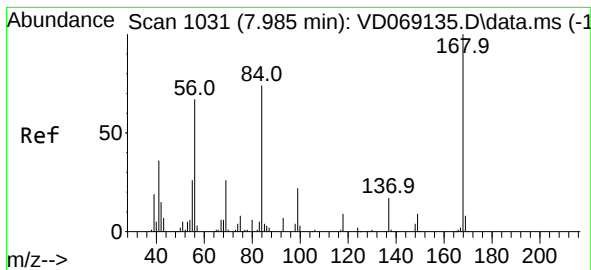
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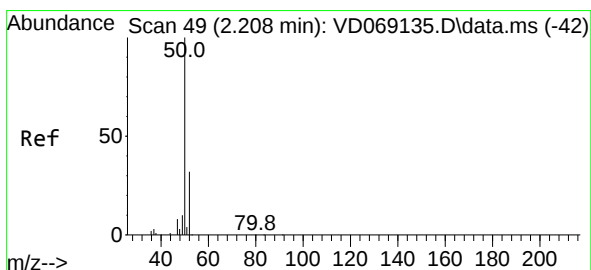
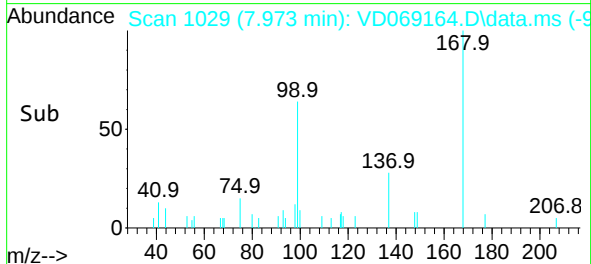
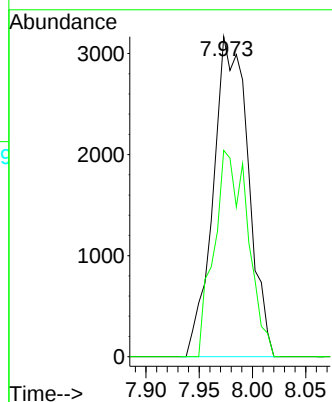
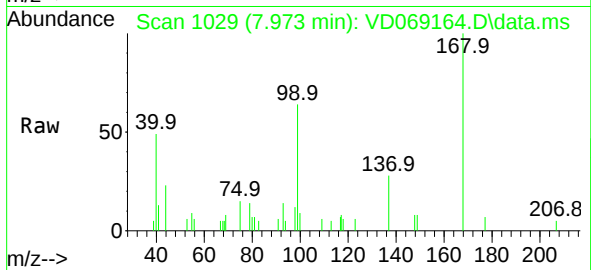




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.012 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

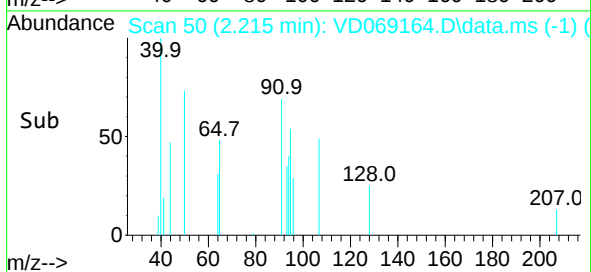
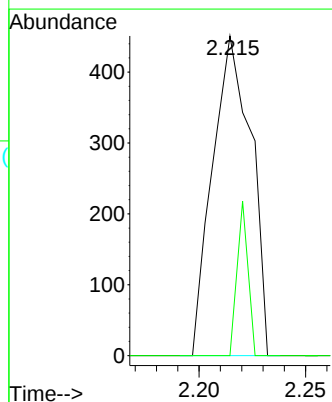
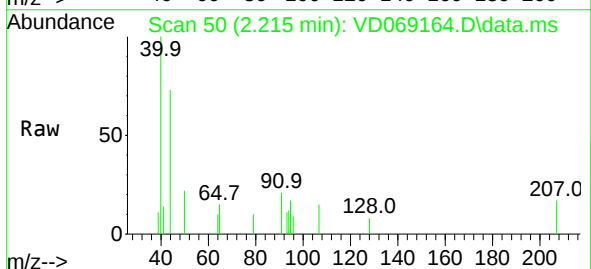
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

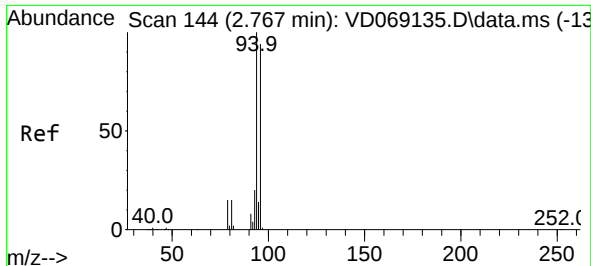
Tgt Ion:168 Resp: 7240  
Ion Ratio Lower Upper  
168 100  
99 64.4 47.2 70.8



#3  
Chloromethane  
Concen: 6.41 ug/l  
RT: 2.215 min Scan# 50  
Delta R.T. 0.006 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion: 50 Resp: 567  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.8 38.8#

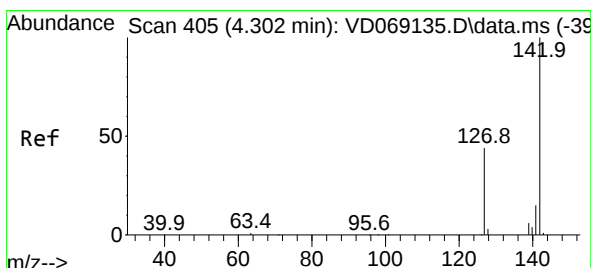
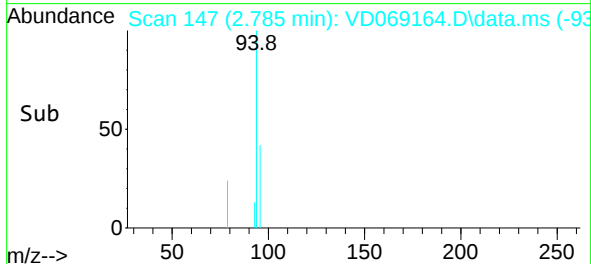
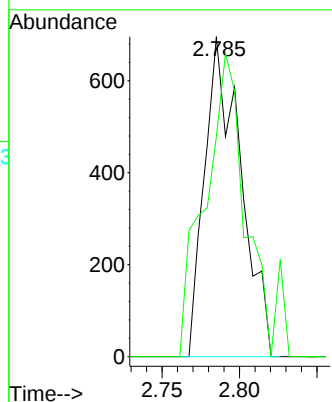
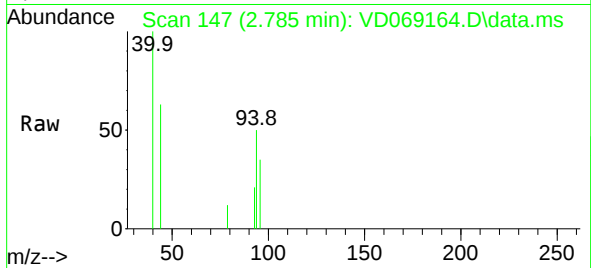




#5  
Bromomethane  
Concen: 12.81 ug/l  
RT: 2.785 min Scan# 147  
Delta R.T. 0.018 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

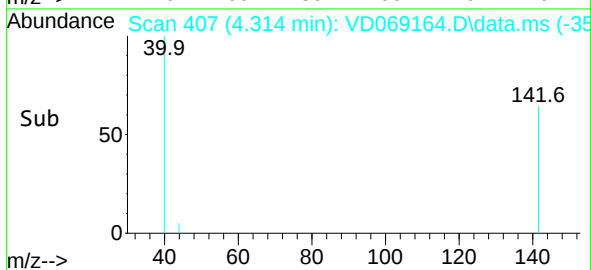
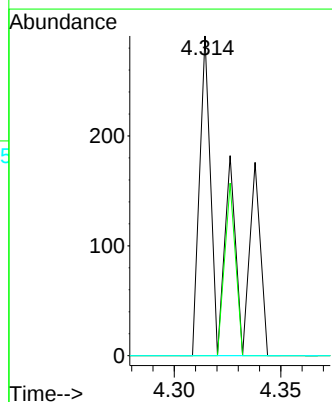
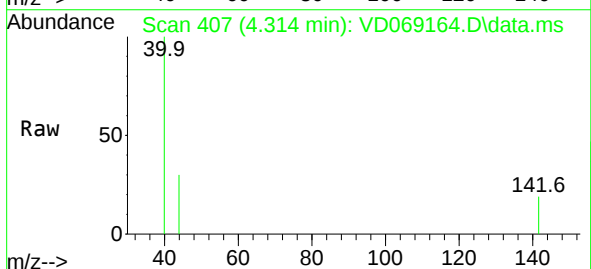
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

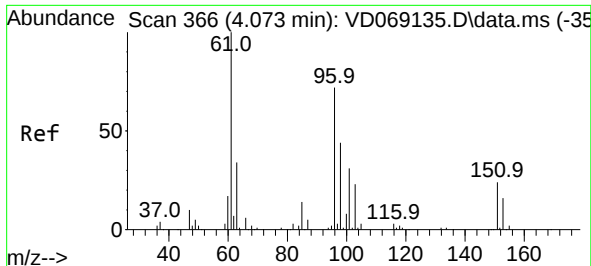
Tgt Ion: 94 Resp: 1124  
Ion Ratio Lower Upper  
94 100  
96 68.7 75.4 113.0#



#10  
Methyl Iodide  
Concen: 3.60 ug/l  
RT: 4.314 min Scan# 407  
Delta R.T. 0.012 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion: 142 Resp: 229  
Ion Ratio Lower Upper  
142 100  
127 24.0 37.3 55.9#  
141 0.0 12.2 18.4#

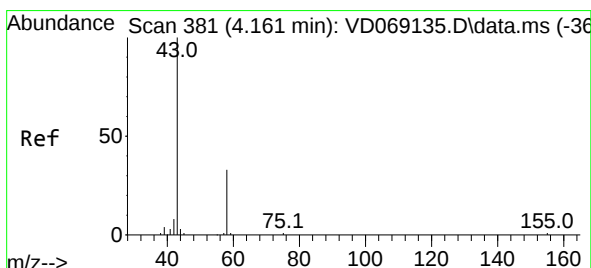
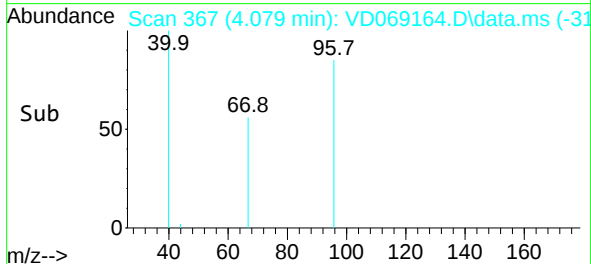
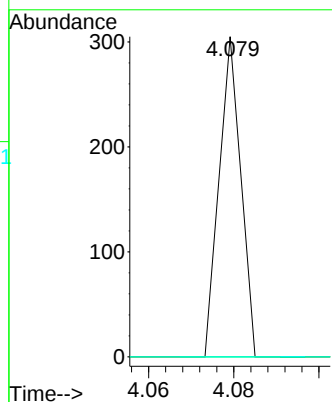
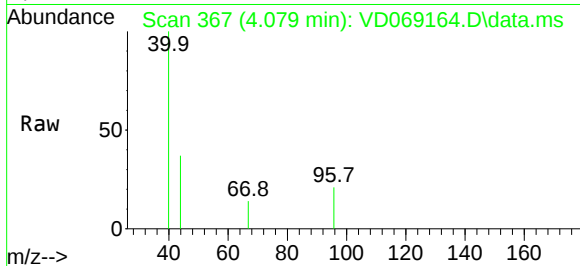




#12  
1,1-Dichloroethene  
Concen: 1.49 ug/l  
RT: 4.079 min Scan# 367  
Delta R.T. 0.006 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

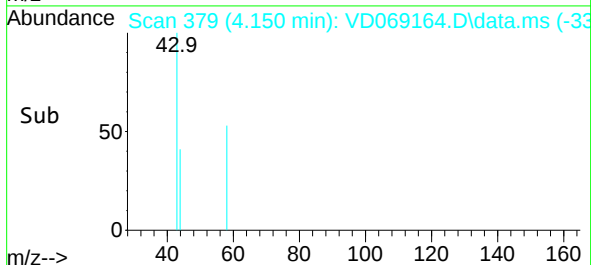
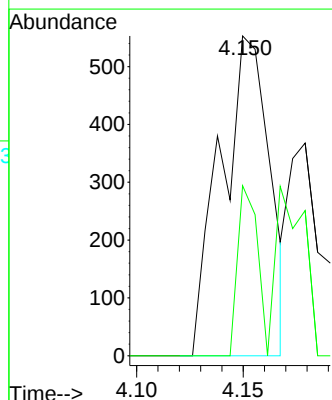
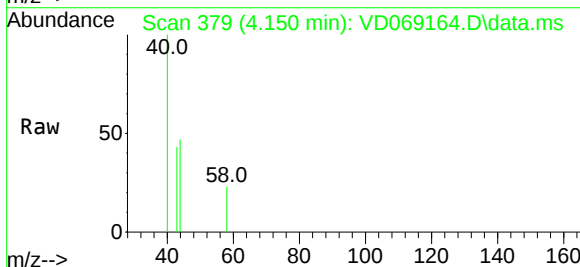
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

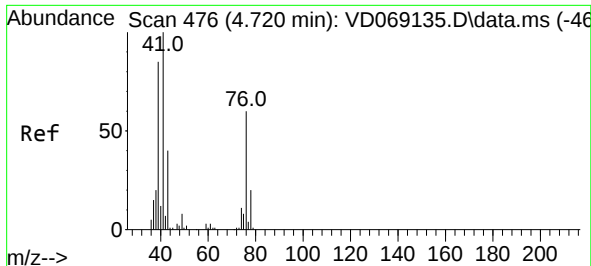
Tgt Ion: 96 Resp: 108  
Ion Ratio Lower Upper  
96 100  
61 0.0 111.1 166.7#  
98 0.0 48.4 72.6#



#16  
Acetone  
Concen: 79.61 ug/l  
RT: 4.150 min Scan# 379  
Delta R.T. -0.012 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

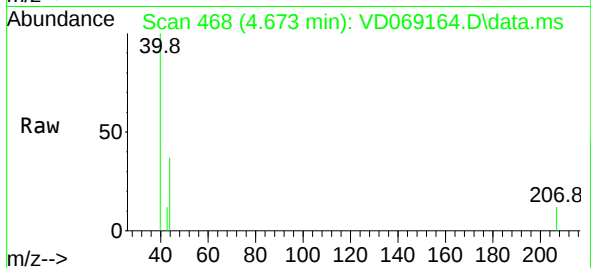
Tgt Ion: 43 Resp: 885  
Ion Ratio Lower Upper  
43 100  
58 53.2 26.7 40.1#



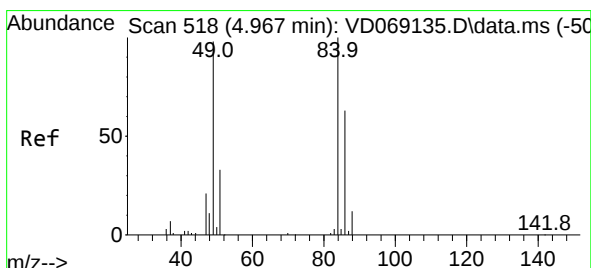
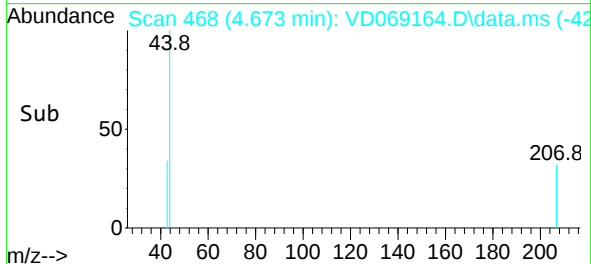
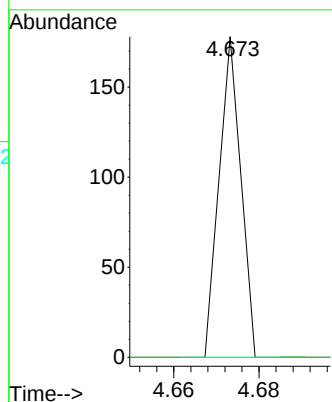


#18  
Methyl Acetate  
Concen: 2.33 ug/l  
RT: 4.673 min Scan# 468  
Delta R.T. -0.047 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

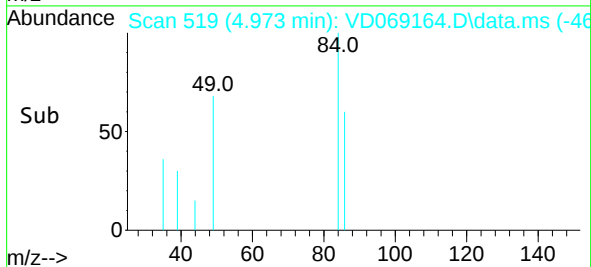
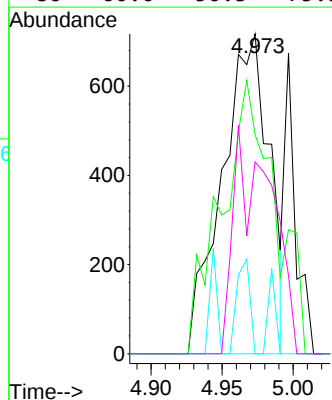
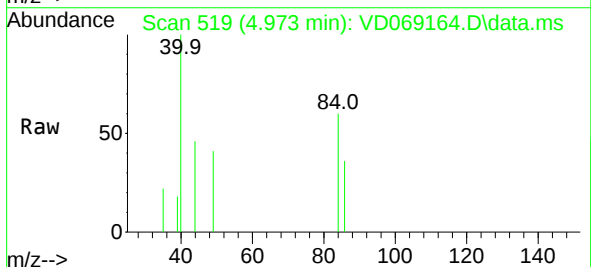


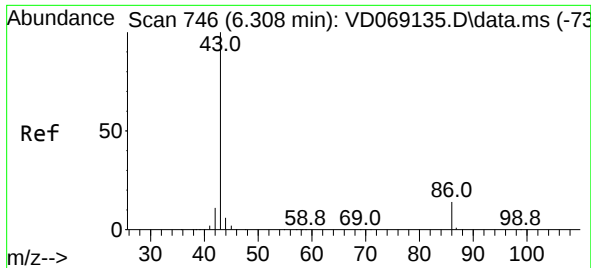
Tgt Ion: 43 Resp: 63  
Ion Ratio Lower Upper  
43 100  
74 0.0 23.8 35.6#



#20  
Methylene Chloride  
Concen: 11.32 ug/l  
RT: 4.973 min Scan# 519  
Delta R.T. 0.006 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion: 84 Resp: 1659  
Ion Ratio Lower Upper  
84 100  
49 68.5 78.6 117.8#  
51 0.0 26.7 40.1#  
86 60.0 50.3 75.5

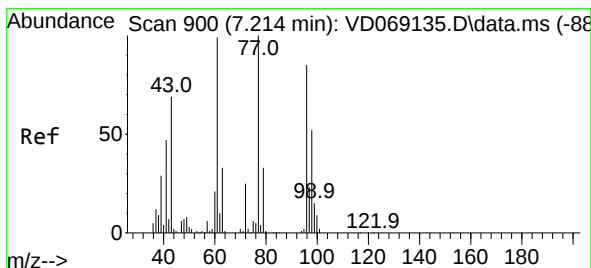
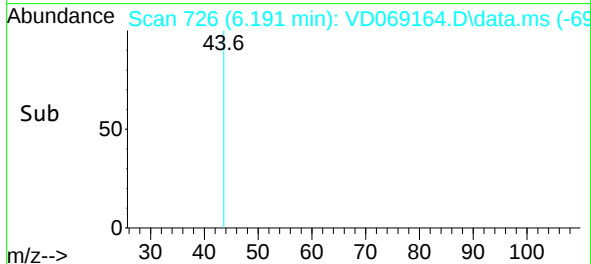
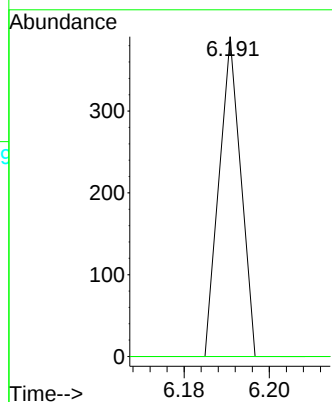
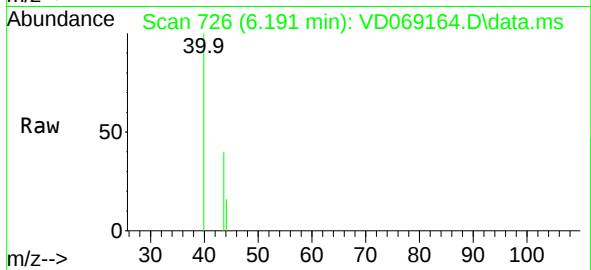




#23  
 Vinyl Acetate  
 Concen: 1.47 ug/l  
 RT: 6.191 min Scan# 726  
 Delta R.T. -0.117 min  
 Lab File: VD069164.D  
 Acq: 13 May 2021 18:28

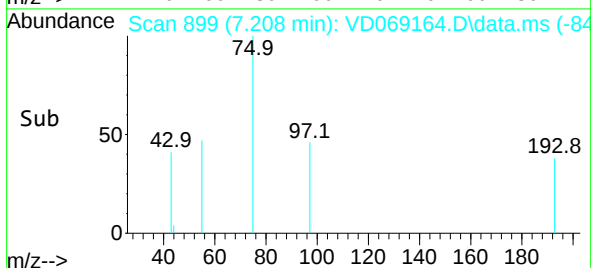
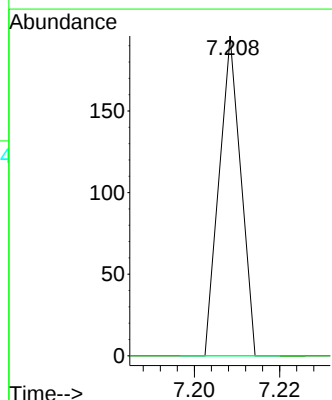
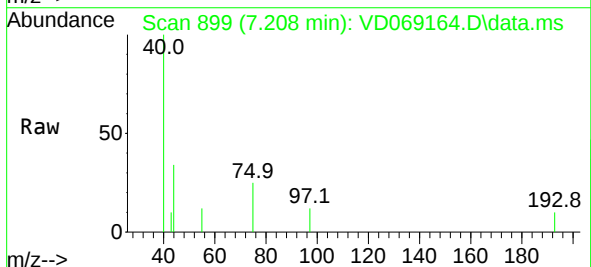
Instrument :  
 MSVOA\_D  
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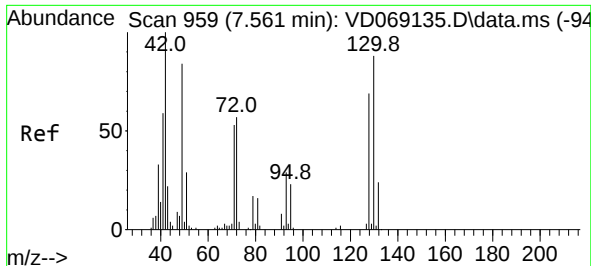
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 Ion Ratio Lower Upper  
 43 100  
 86 0.0 11.1 16.7#



#25  
 2-Butanone  
 Concen: 4.58 ug/l  
 RT: 7.208 min Scan# 899  
 Delta R.T. -0.006 min  
 Lab File: VD069164.D  
 Acq: 13 May 2021 18:28

Tgt Ion: 43 Resp: 69  
 Ion Ratio Lower Upper  
 43 100  
 72 0.0 29.1 43.7#





#29

Tetrahydrofuran

Concen: 6.59 ug/l

RT: 7.508 min Scan# 950

Delta R.T. -0.053 min

Lab File: VD069164.D

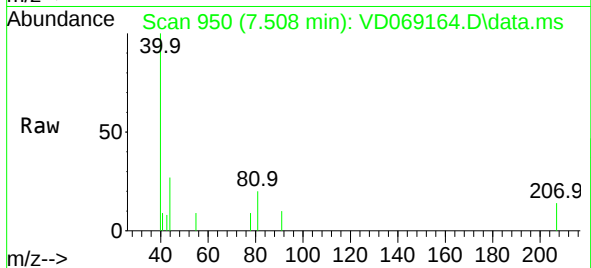
Acq: 13 May 2021 18:28

Instrument :

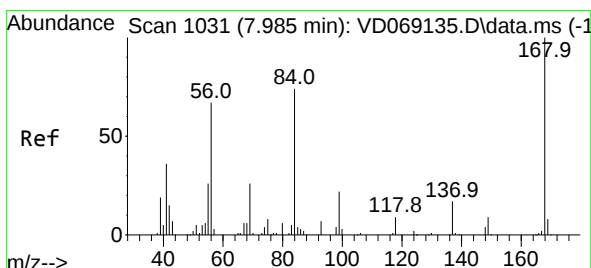
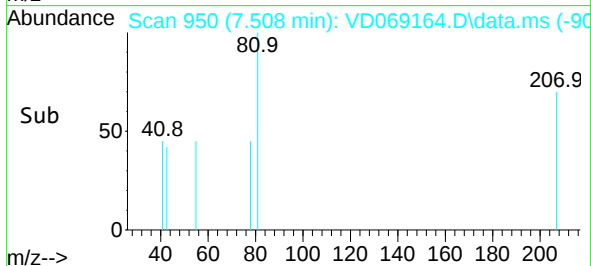
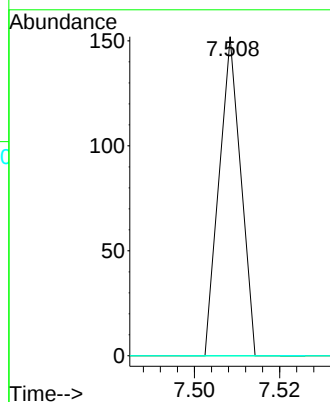
MSVOA\_D

ClientSampleId :

SB-07-4.5-5.0



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 54    |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 0.0   | 45.9  | 68.9# |
| 71       | 0.0   | 42.9  | 64.3# |



#31

Cyclohexane

Concen: 1.73 ug/l

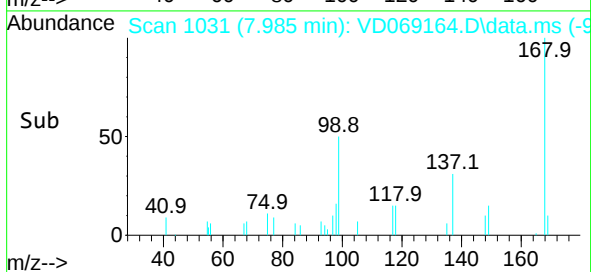
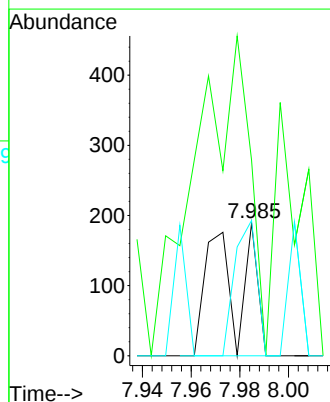
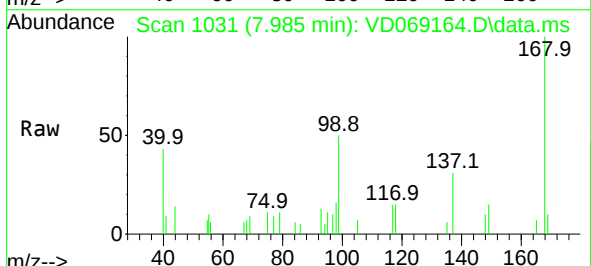
RT: 7.985 min Scan# 1031

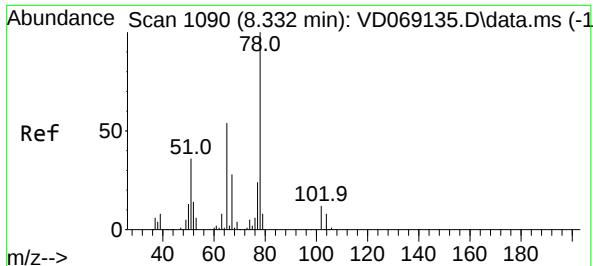
Delta R.T. 0.000 min

Lab File: VD069164.D

Acq: 13 May 2021 18:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 186   |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 64.6  | 30.6  | 46.0# |
| 84       | 102.1 | 88.0  | 132.0 |

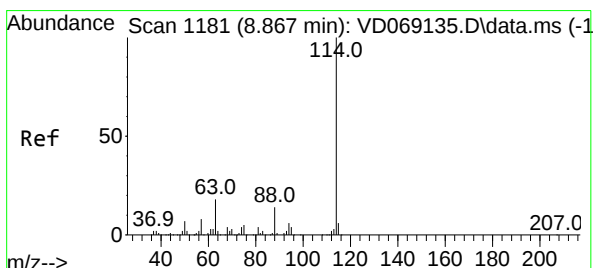
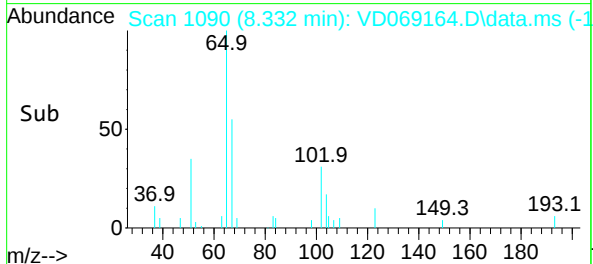
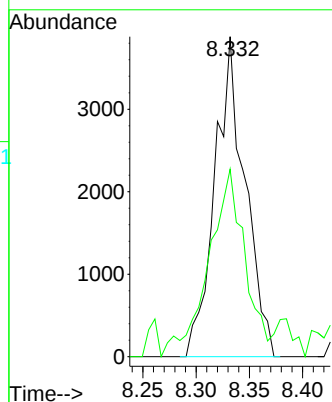
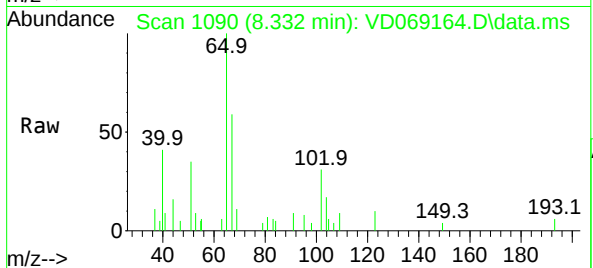




#33  
1,2-Dichloroethane-d4  
Concen: 105.52 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. 0.000 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

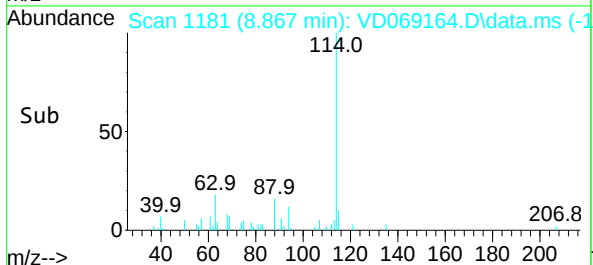
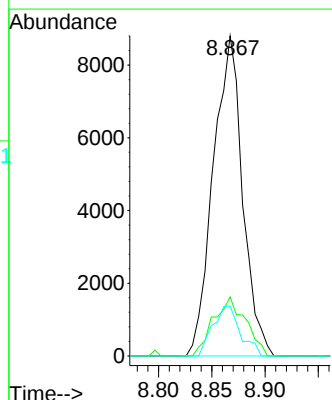
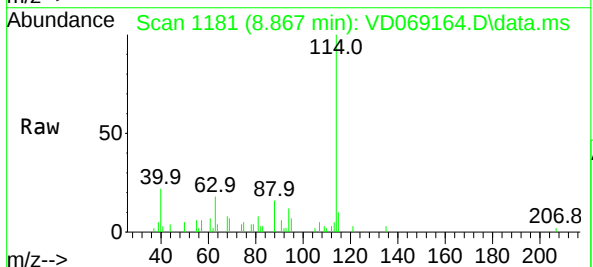
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

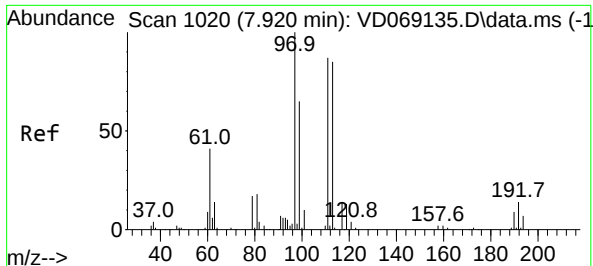
Tgt Ion: 65 Resp: 7659  
Ion Ratio Lower Upper  
65 100  
67 62.0 0.0 108.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion: 114 Resp: 16850  
Ion Ratio Lower Upper  
114 100  
63 18.4 0.0 36.4  
88 15.6 0.0 28.2





#35

Dibromofluoromethane

Concen: 41.60 ug/l

RT: 7.920 min Scan# 1020

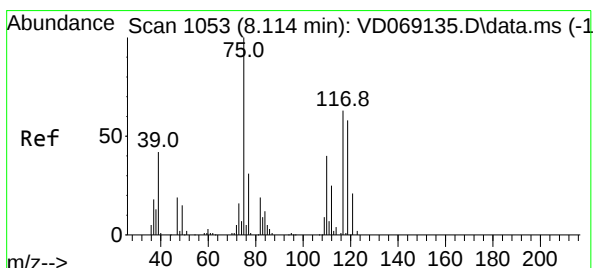
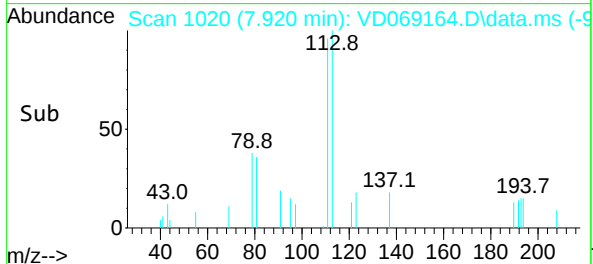
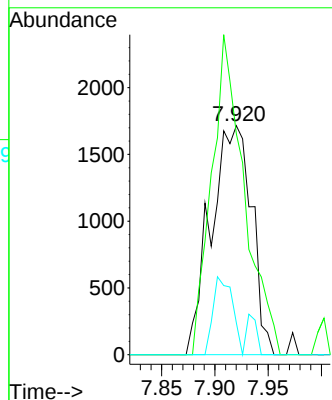
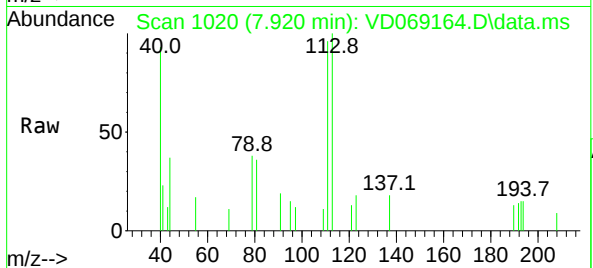
Delta R.T. 0.000 min

Lab File: VD069164.D

Acq: 13 May 2021 18:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 4562   |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 0.0   | 80.6  | 120.8# |
| 192      | 4.3   | 14.8  | 22.2#  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0



#36

1,1-Dichloropropene

Concen: 3.62 ug/l

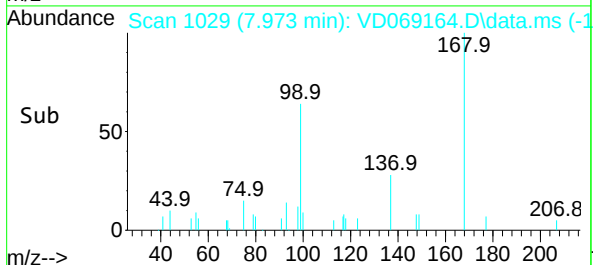
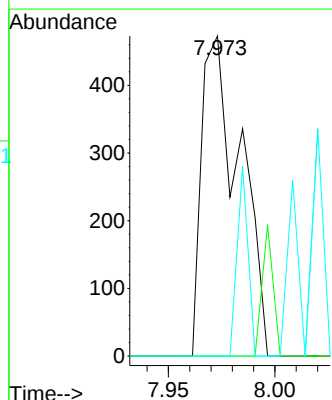
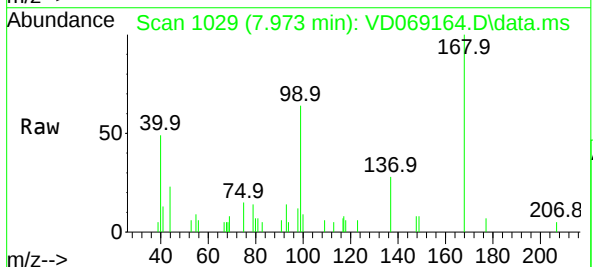
RT: 7.973 min Scan# 1029

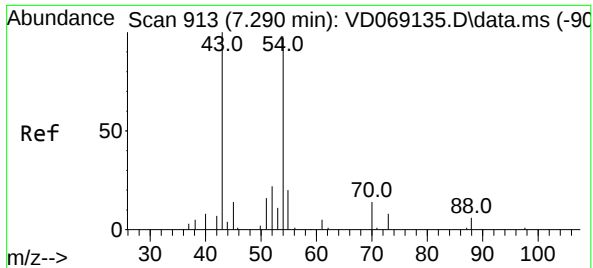
Delta R.T. -0.141 min

Lab File: VD069164.D

Acq: 13 May 2021 18:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 593   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 0.0   | 18.8  | 56.4# |
| 77       | 16.7  | 25.2  | 37.8# |





#37

Ethyl Acetate

Concen: 1.04 ug/l

RT: 7.291 min Scan# 913

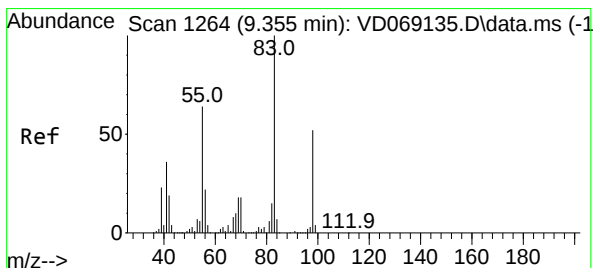
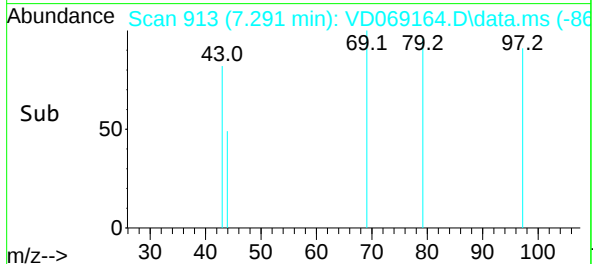
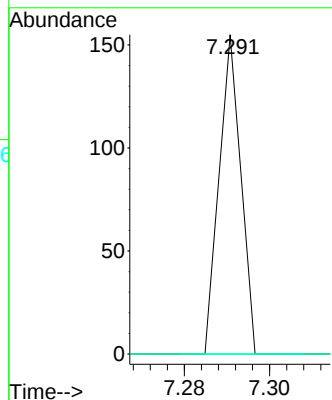
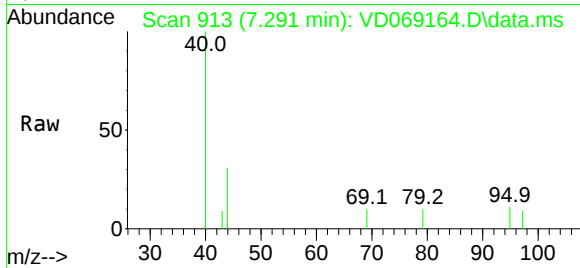
Delta R.T. 0.000 min

Lab File: VD069164.D

Acq: 13 May 2021 18:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 55    |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.0   | 11.5  | 17.3# |
| 70       | 0.0   | 10.4  | 15.6# |

Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0



#39

Methylcyclohexane

Concen: 3.26 ug/l

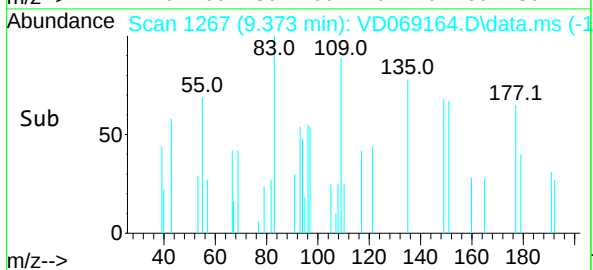
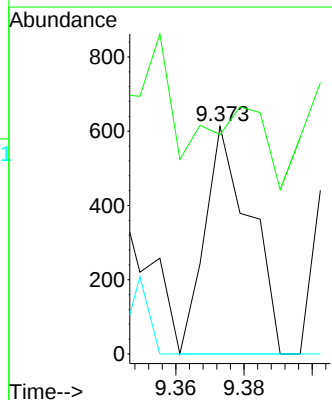
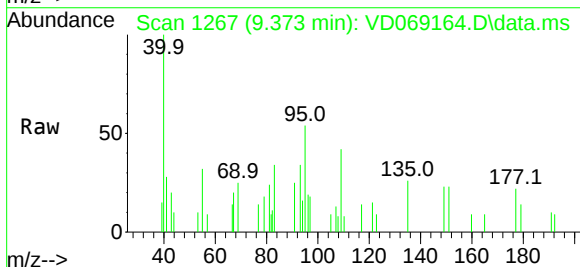
RT: 9.373 min Scan# 1267

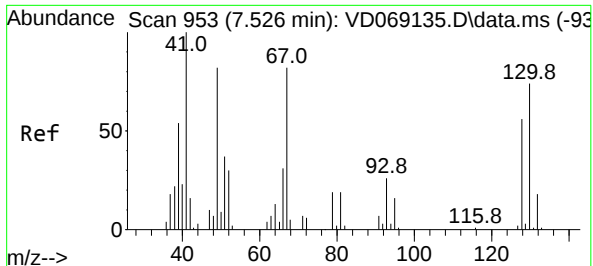
Delta R.T. 0.018 min

Lab File: VD069164.D

Acq: 13 May 2021 18:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 564   |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 10.9  | 51.2  | 76.8# |
| 98       | 0.0   | 41.4  | 62.2# |

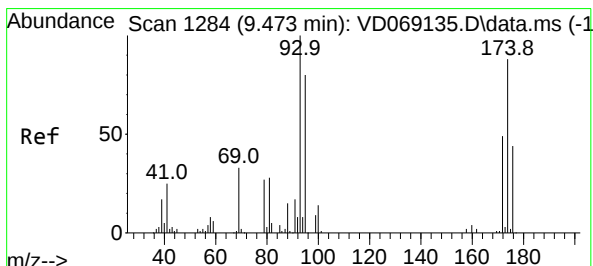
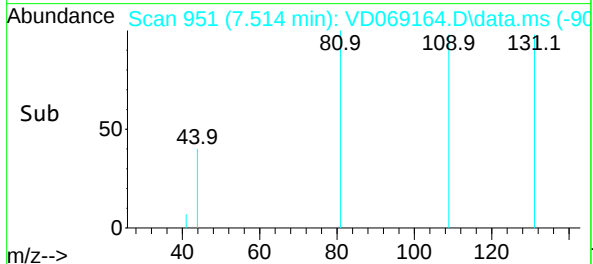
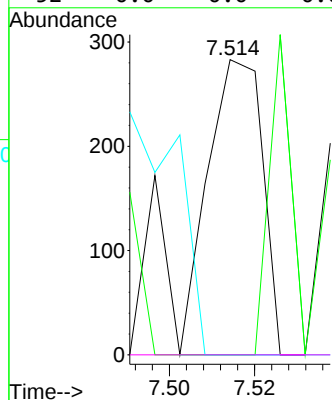
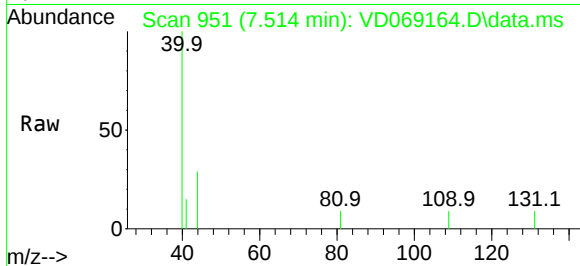




#41  
Methacrylonitrile  
Concen: 9.07 ug/l  
RT: 7.514 min Scan# 951  
Delta R.T. -0.012 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

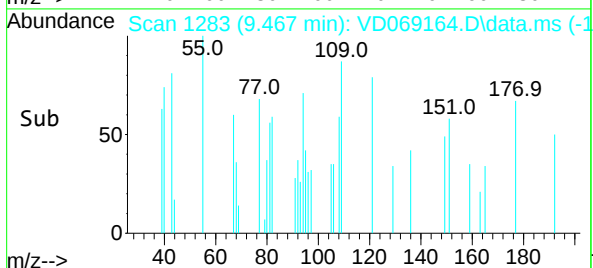
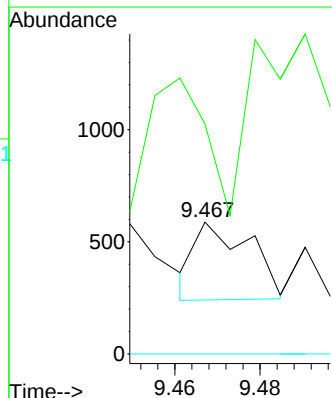
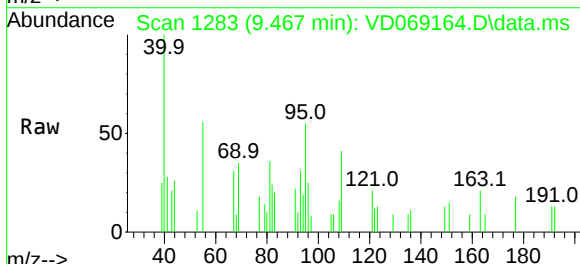
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

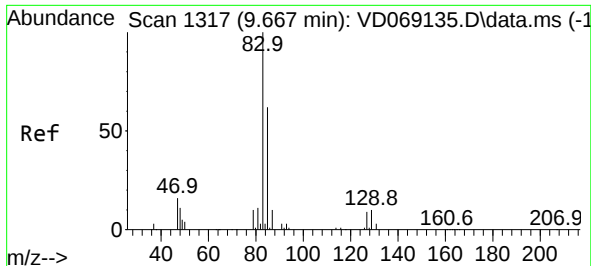
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 254   |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 42.5  | 58.0  | 87.0# |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |



#46  
Dibromomethane  
Concen: 4.65 ug/l  
RT: 9.467 min Scan# 1283  
Delta R.T. -0.006 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 308    |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 178.6 | 65.9  | 98.9#  |
| 174      | 0.0   | 76.6  | 115.0# |

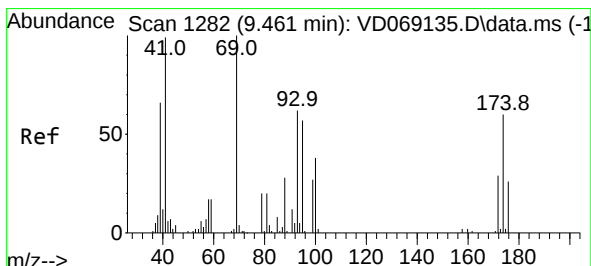
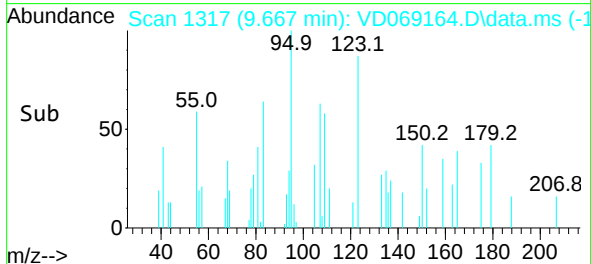
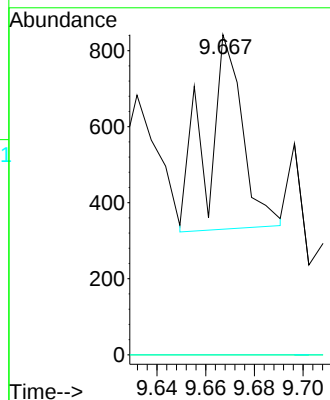
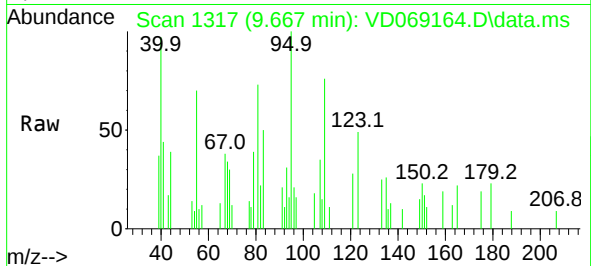




#47  
Bromodichloromethane  
Concen: 3.07 ug/l  
RT: 9.667 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

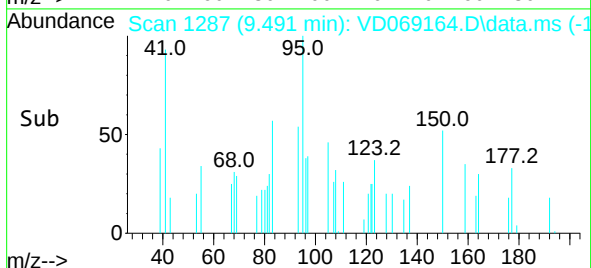
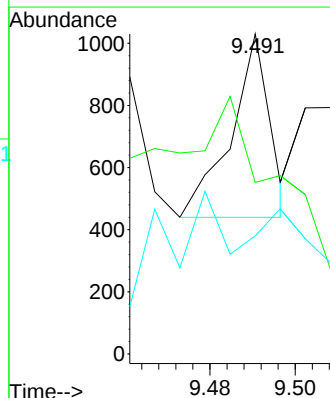
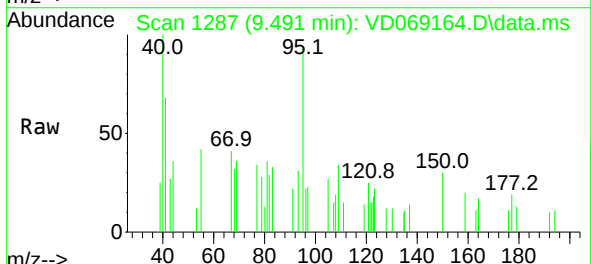
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

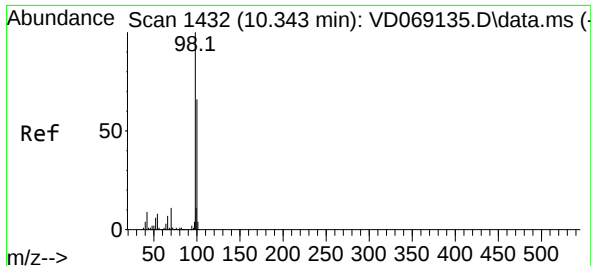
Tgt Ion: 83 Resp: 518  
Ion Ratio Lower Upper  
83 100  
85 0.0 50.0 75.0#  
127 0.0 7.1 10.7#



#48  
Methyl methacrylate  
Concen: 8.44 ug/l  
RT: 9.491 min Scan# 1287  
Delta R.T. 0.030 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion: 41 Resp: 373  
Ion Ratio Lower Upper  
41 100  
69 271.3 88.0 132.0#  
39 108.6 51.4 77.0#

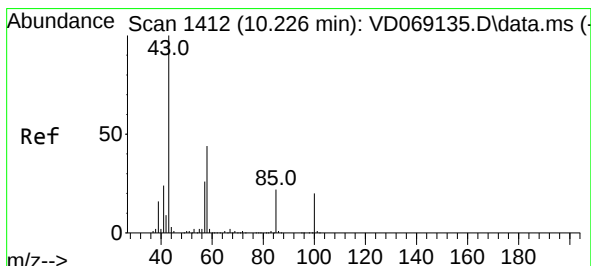
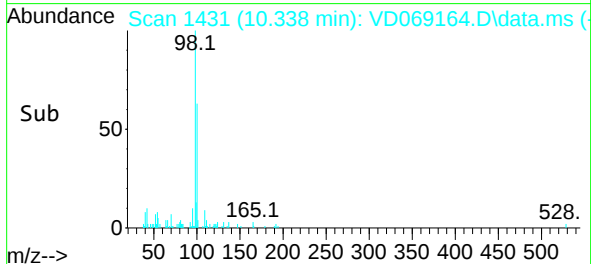
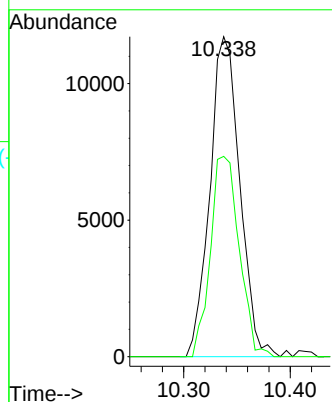
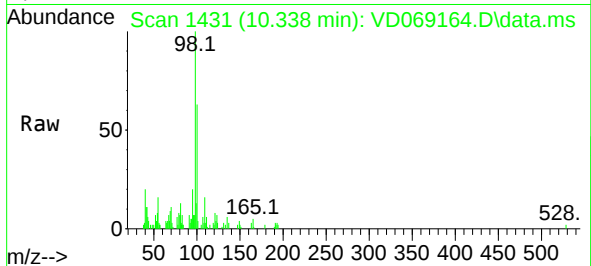




#50  
Toluene-d8  
Concen: 56.74 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.006 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

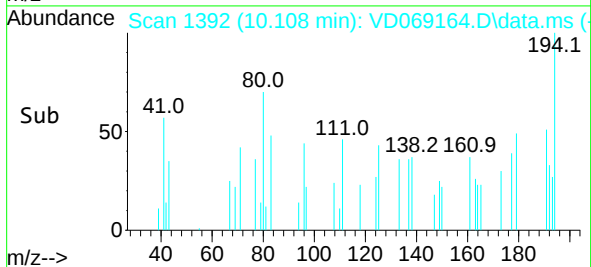
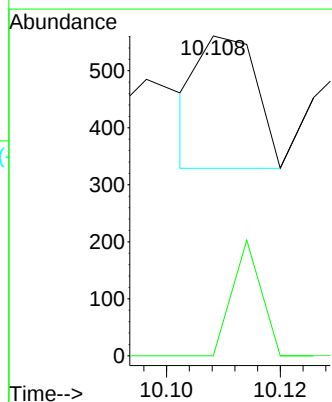
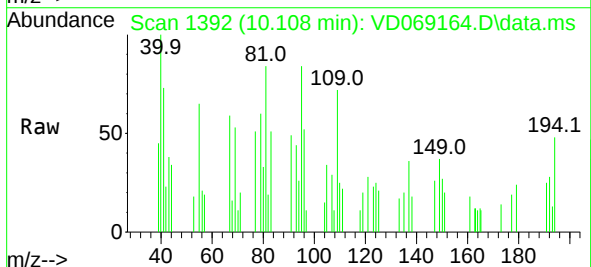
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

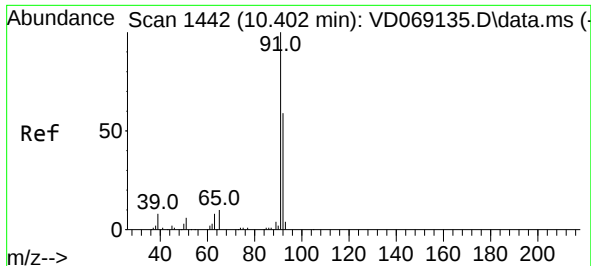
Tgt Ion: 98 Resp: 22862  
Ion Ratio Lower Upper  
98 100  
100 60.2 51.8 77.8



#51  
4-Methyl-2-Pentanone  
Concen: 3.21 ug/l  
RT: 10.108 min Scan# 1392  
Delta R.T. -0.117 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion: 43 Resp: 158  
Ion Ratio Lower Upper  
43 100  
58 45.6 35.0 52.4

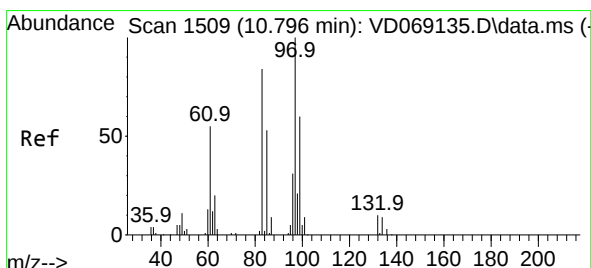
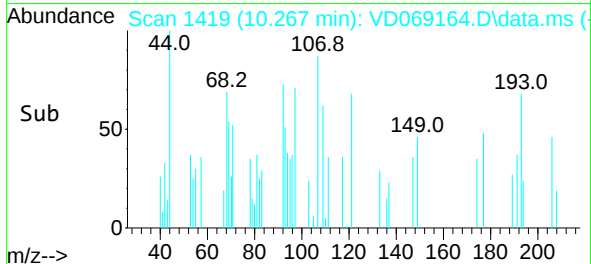
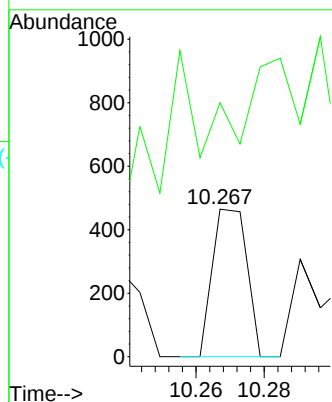
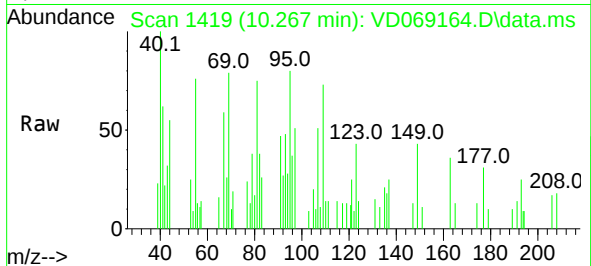




#52  
Toluene  
Concen: 1.07 ug/l  
RT: 10.267 min Scan# 1419  
Delta R.T. -0.135 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

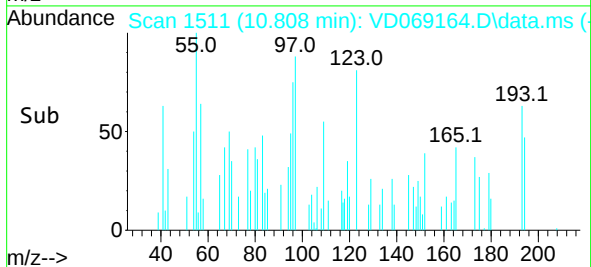
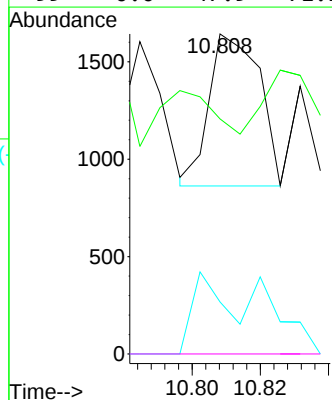
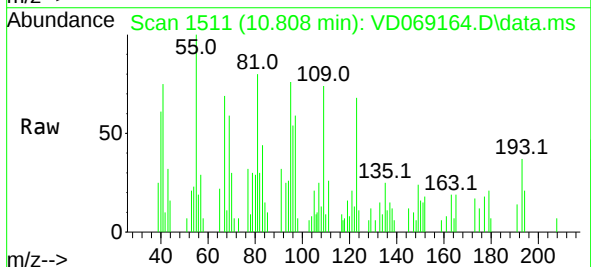
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

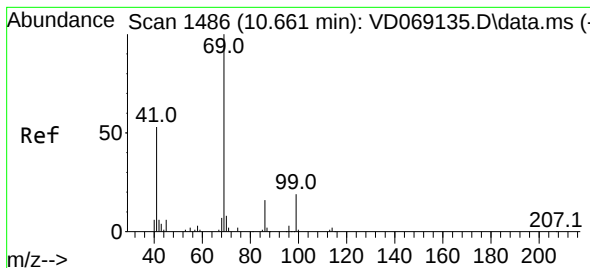
Tgt Ion: 92 Resp: 325  
Ion Ratio Lower Upper  
92 100  
91 143.4 136.2 204.2



#55  
1,1,2-Trichloroethane  
Concen: 8.92 ug/l  
RT: 10.808 min Scan# 1511  
Delta R.T. 0.012 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion: 97 Resp: 796  
Ion Ratio Lower Upper  
97 100  
83 0.0 66.9 100.3#  
85 34.2 42.2 63.4#  
99 0.0 47.9 71.9#

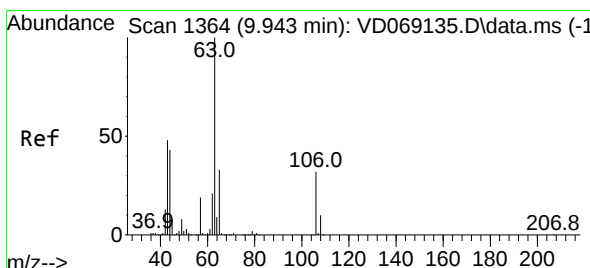
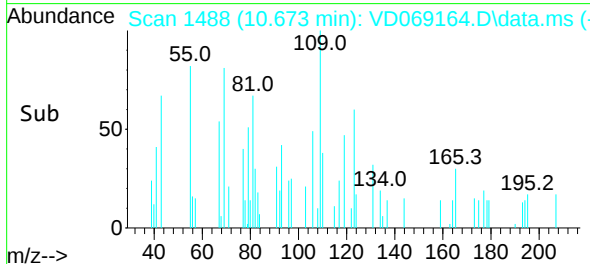
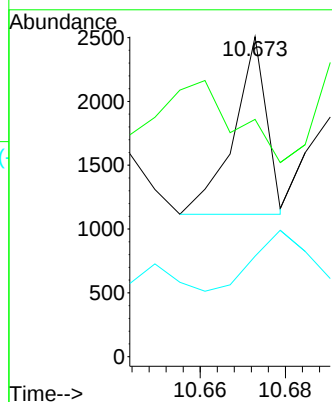
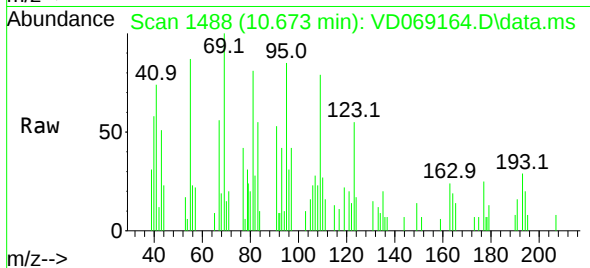




#56  
Ethyl methacrylate  
Concen: 8.74 ug/l  
RT: 10.673 min Scan# 1488  
Delta R.T. 0.012 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

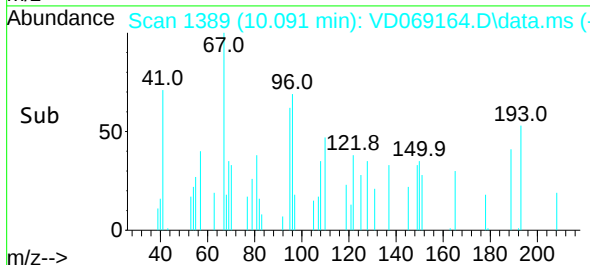
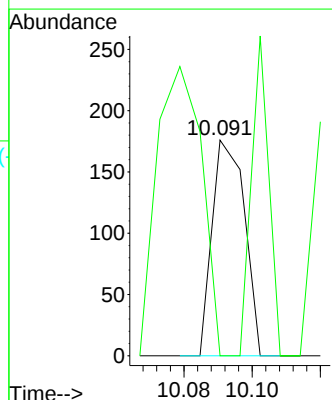
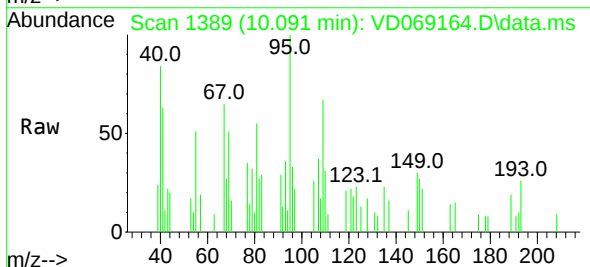
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

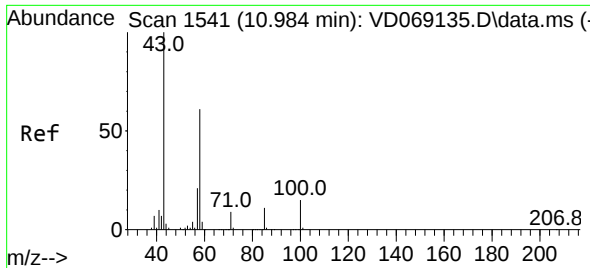
Tgt Ion: 69 Resp: 742  
Ion Ratio Lower Upper  
69 100  
41 101.9 42.2 63.2#  
39 78.7 26.3 39.5#



#58  
2-Chloroethyl Vinyl ether  
Concen: 2.63 ug/l  
RT: 10.091 min Scan# 1389  
Delta R.T. 0.147 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion: 63 Resp: 116  
Ion Ratio Lower Upper  
63 100  
106 79.3 25.3 37.9#

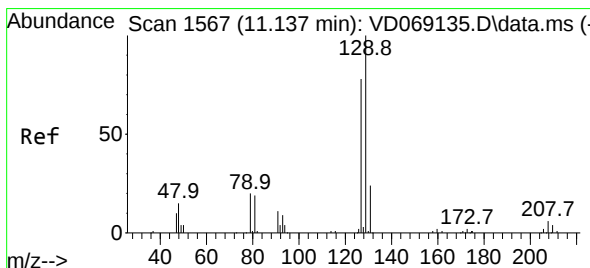
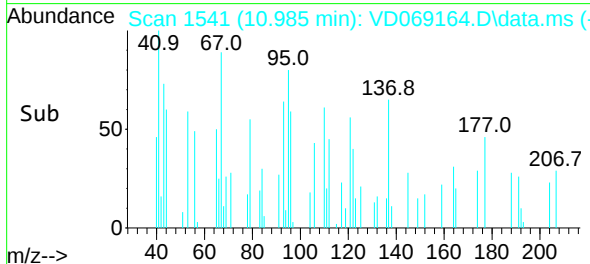
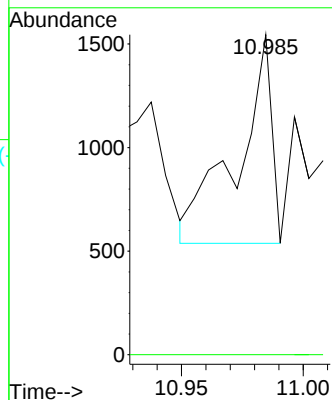
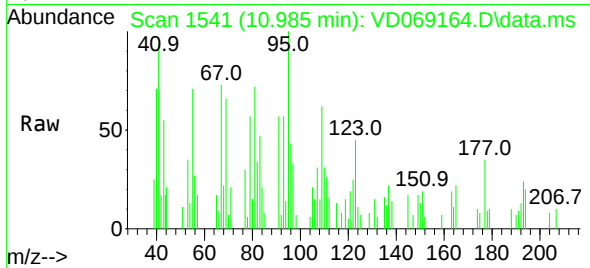




#59  
2-Hexanone  
Concen: 29.83 ug/l  
RT: 10.985 min Scan# 1541  
Delta R.T. 0.000 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

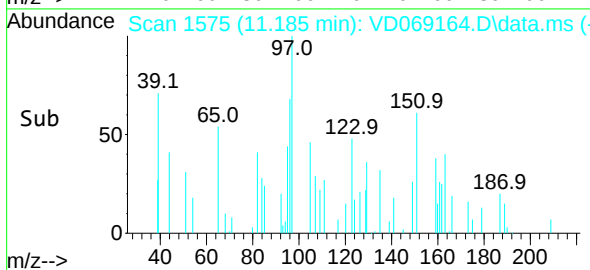
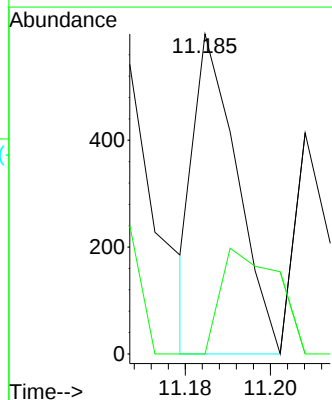
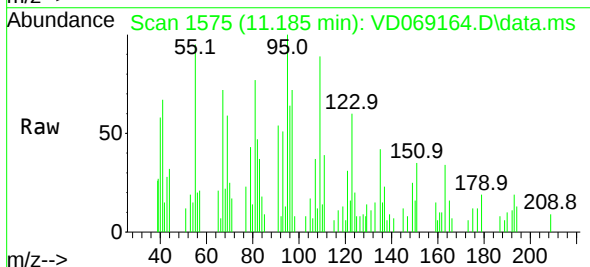
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

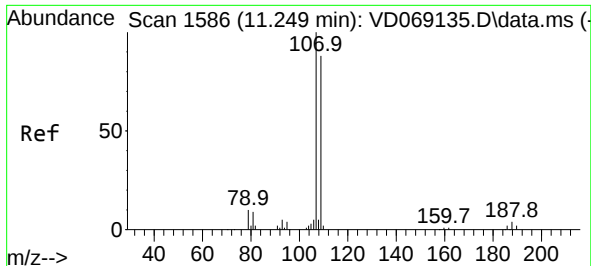
Tgt Ion: 43 Resp: 979  
Ion Ratio Lower Upper  
43 100  
58 0.0 31.1 93.5#



#60  
Dibromochloromethane  
Concen: 3.60 ug/l  
RT: 11.185 min Scan# 1575  
Delta R.T. 0.047 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion: 129 Resp: 413  
Ion Ratio Lower Upper  
129 100  
127 44.1 38.5 115.5

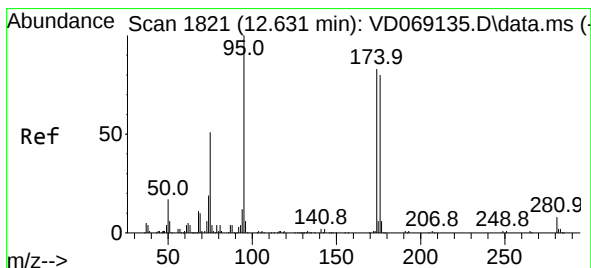
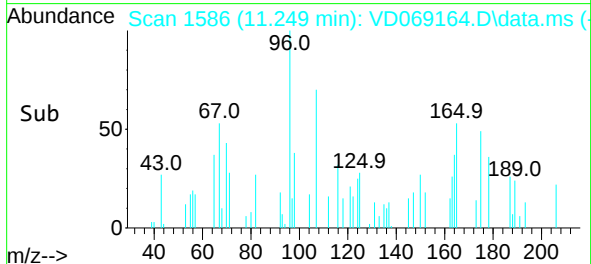
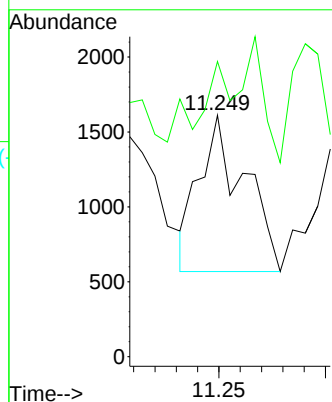
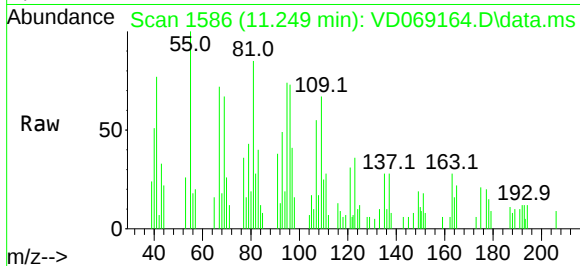




#61  
1,2-Dibromoethane  
Concen: 17.56 ug/l  
RT: 11.249 min Scan# 1586  
Delta R.T. 0.000 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

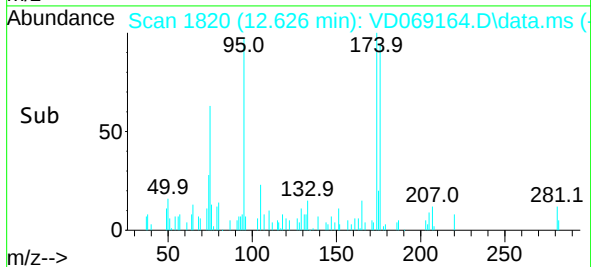
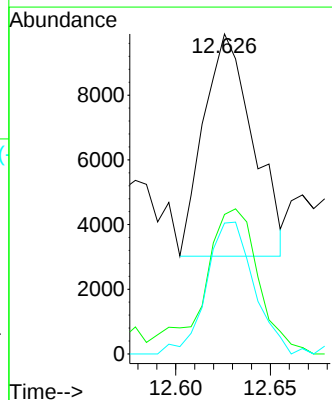
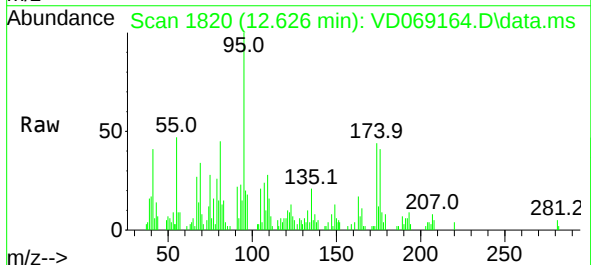
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

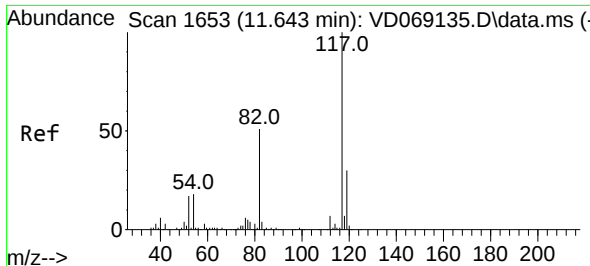
Tgt Ion:107 Resp: 1549  
Ion Ratio Lower Upper  
107 100  
109 84.2 73.6 110.4



#62  
4-Bromofluorobenzene  
Concen: 95.91 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.006 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion: 95 Resp: 12435  
Ion Ratio Lower Upper  
95 100  
174 72.4 0.0 171.8  
176 57.4 0.0 165.4

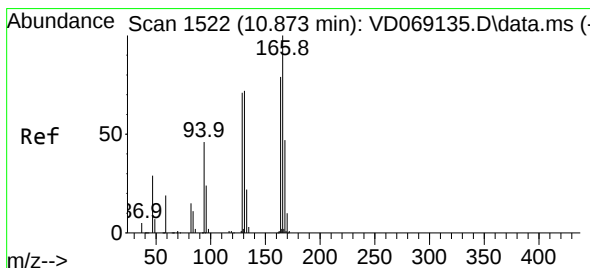
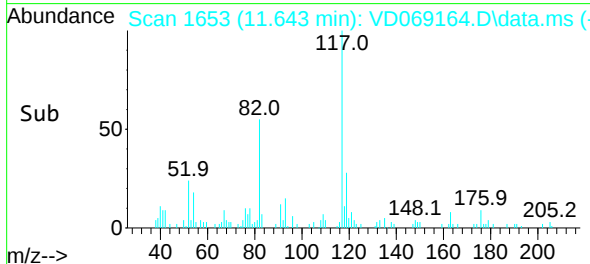
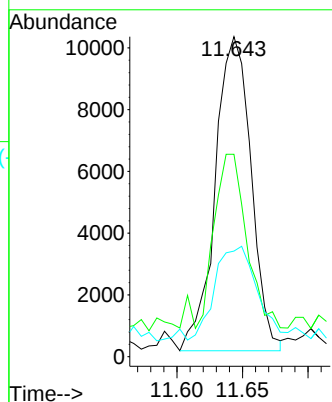
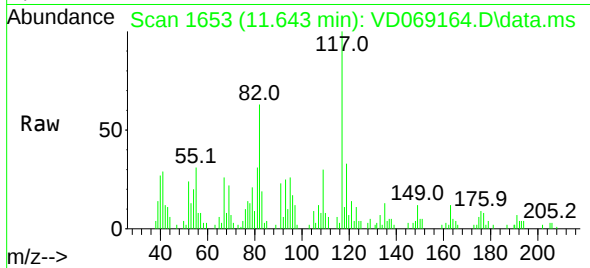




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.643 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

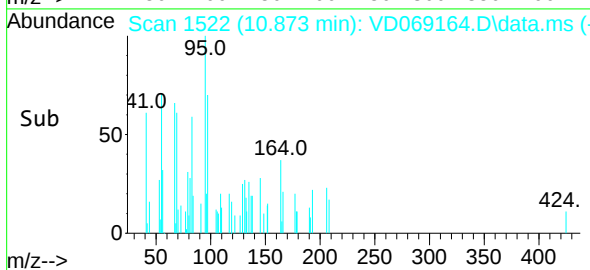
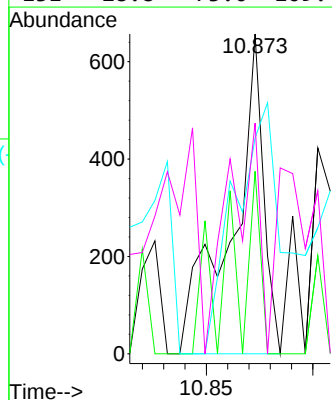
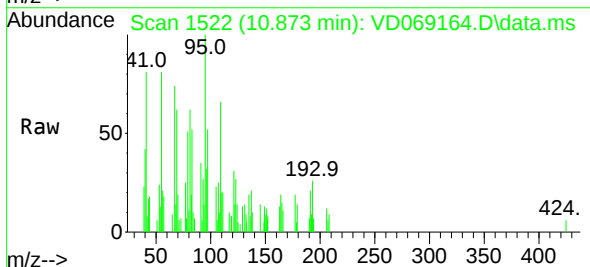
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

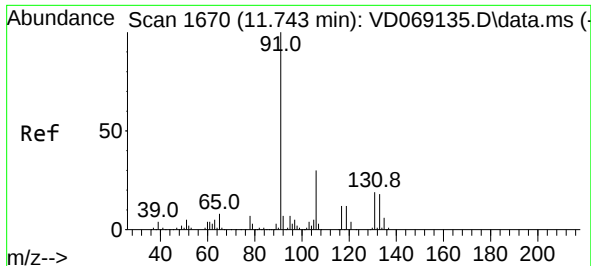
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 19348 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 82       | 55.3  | 40.5  | 60.7  |
| 119      | 25.8  | 24.2  | 36.4  |



#64  
Tetrachloroethene  
Concen: 5.03 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 676    |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 166      | 57.1  | 101.7 | 152.5# |
| 129      | 67.4  | 72.6  | 109.0# |
| 131      | 28.8  | 73.0  | 109.4# |

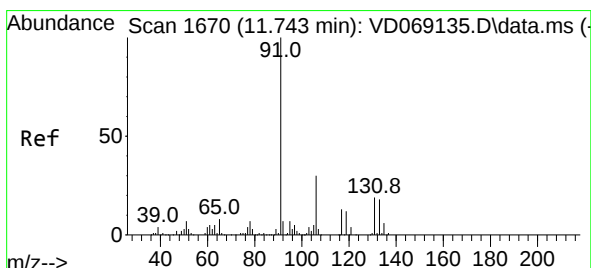
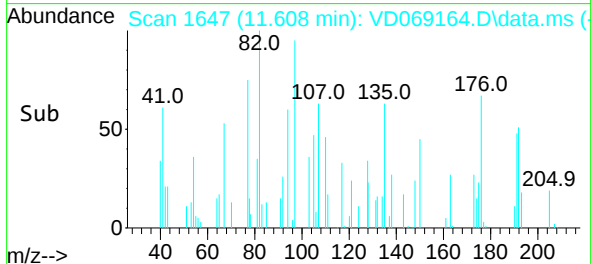
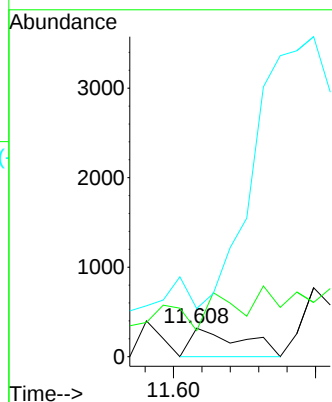
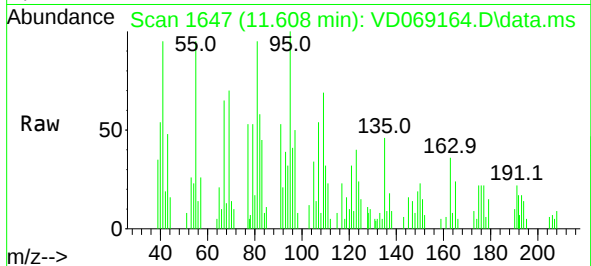




#66  
1,1,1,2-Tetrachloroethane  
Concen: 2.63 ug/l  
RT: 11.608 min Scan# 1647  
Delta R.T. -0.135 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

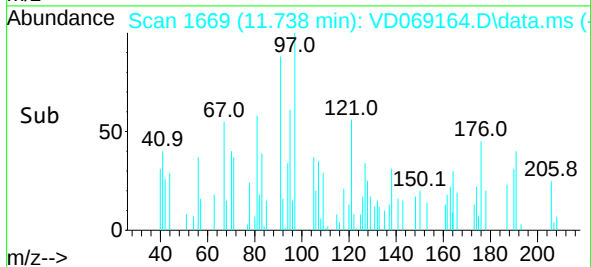
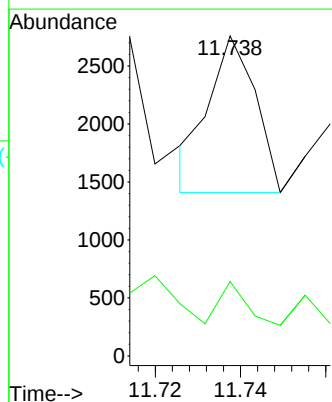
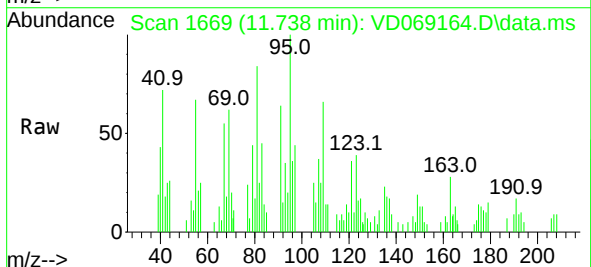
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

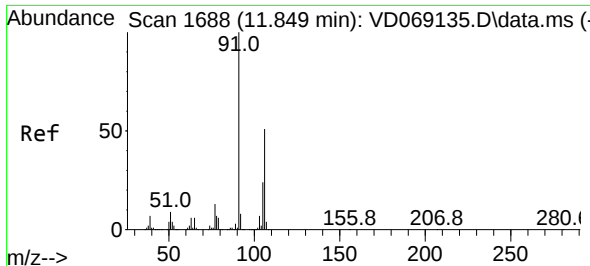
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 131   | Resp: | 398   |
| Ion      | Ratio | Lower | Upper |
| 131      | 100   |       |       |
| 133      | 94.2  | 47.5  | 142.5 |
| 119      | 86.4  | 32.1  | 96.5  |



#67  
Ethyl Benzene  
Concen: 1.48 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.006 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 1020  |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 106      | 28.1  | 24.0  | 36.0  |

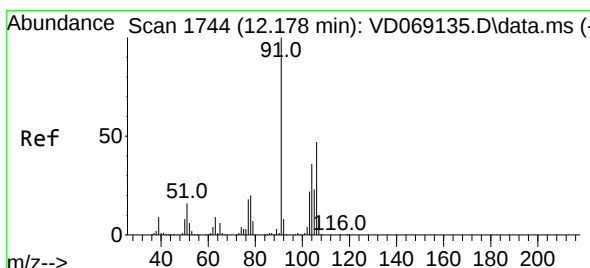
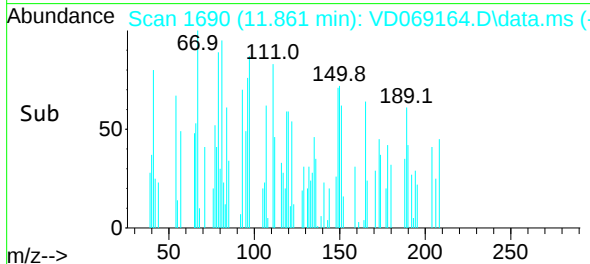
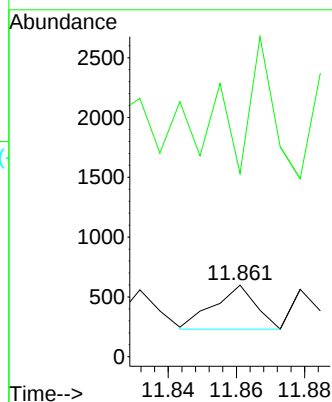
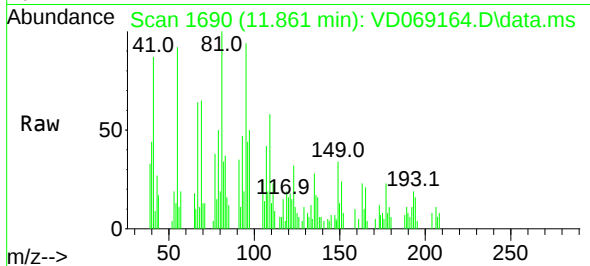




#68  
m/p-Xylenes  
Concen: 1.16 ug/l  
RT: 11.861 min Scan# 1690  
Delta R.T. 0.012 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

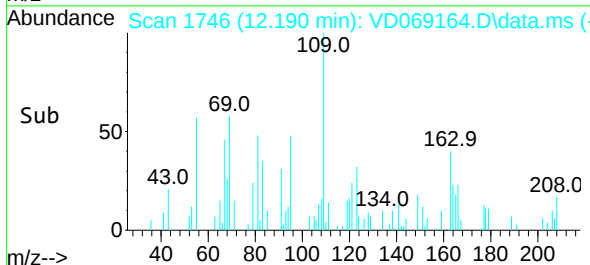
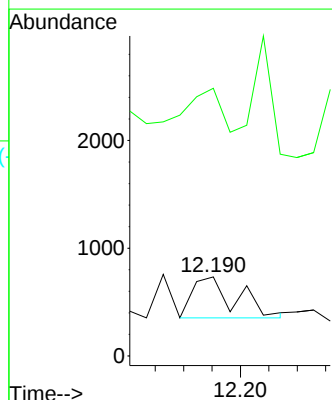
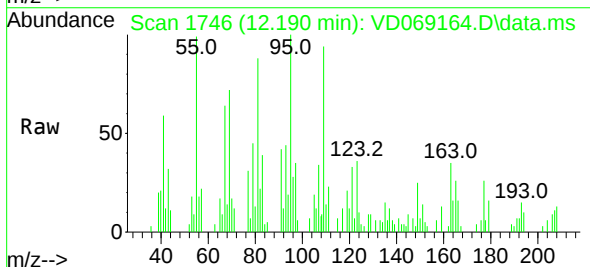
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

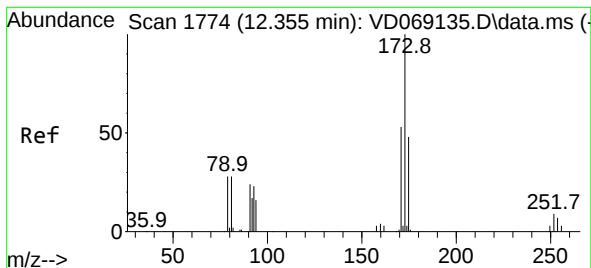
Tgt Ion:106 Resp: 315  
Ion Ratio Lower Upper  
106 100  
91 84.1 157.3 235.9#



#69  
o-Xylene  
Concen: 1.68 ug/l  
RT: 12.190 min Scan# 1746  
Delta R.T. 0.012 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion:106 Resp: 403  
Ion Ratio Lower Upper  
106 100  
91 185.4 104.8 314.6

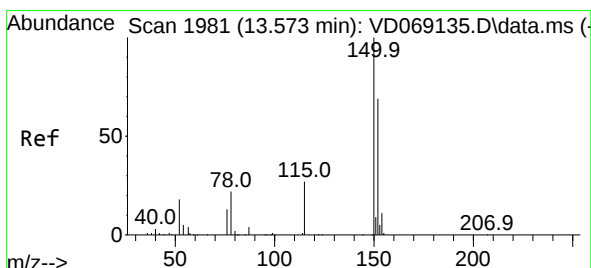
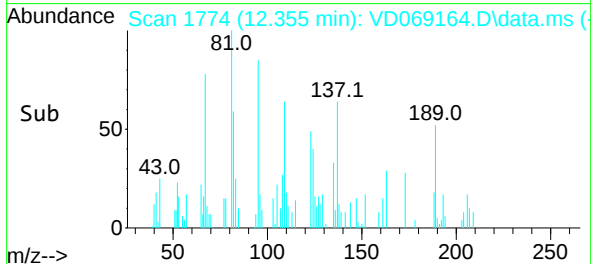
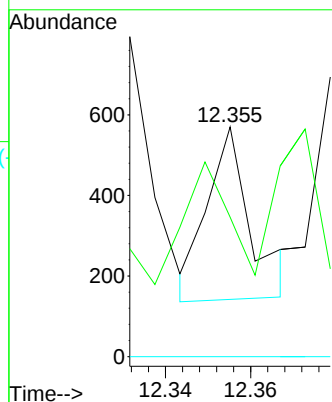
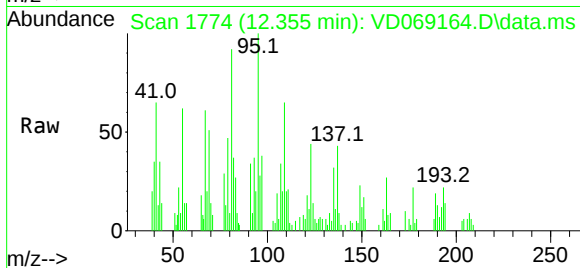




#71  
Bromoform  
Concen: 3.86 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

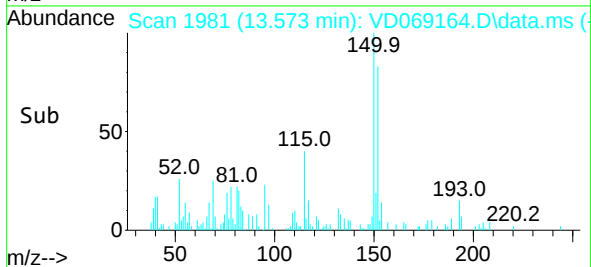
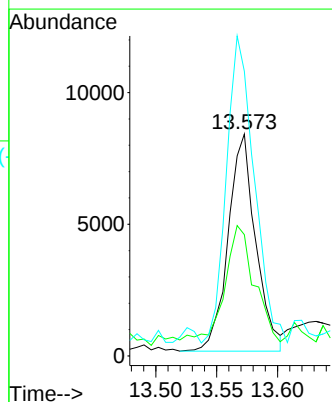
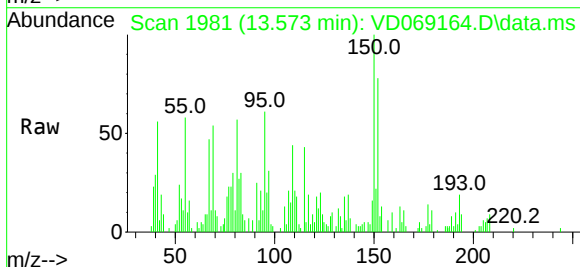
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

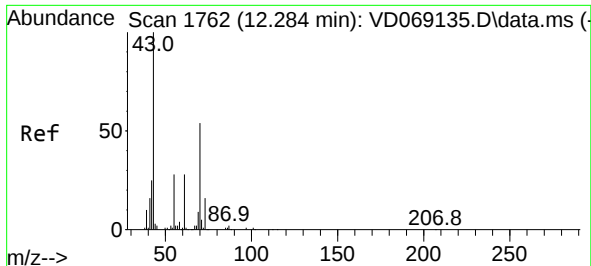
Tgt Ion:173 Resp: 304  
Ion Ratio Lower Upper  
173 100  
175 74.0 24.3 73.0#  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. 0.000 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion:152 Resp: 13019  
Ion Ratio Lower Upper  
152 100  
115 56.7 29.9 89.8  
150 142.4 0.0 350.2

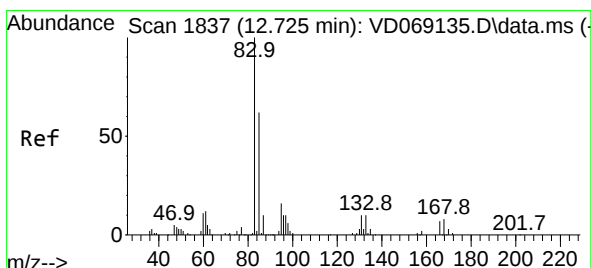
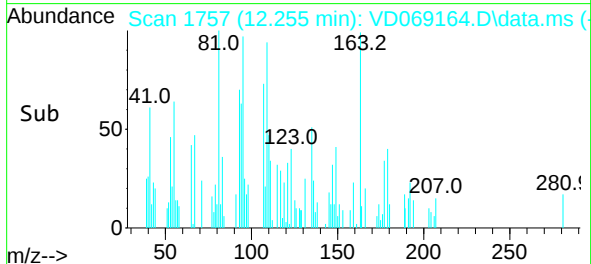
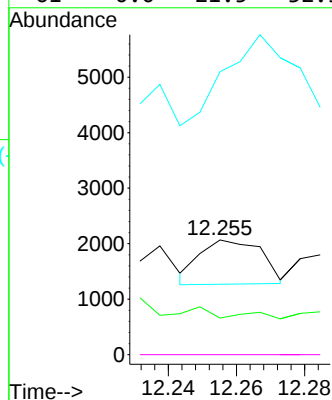
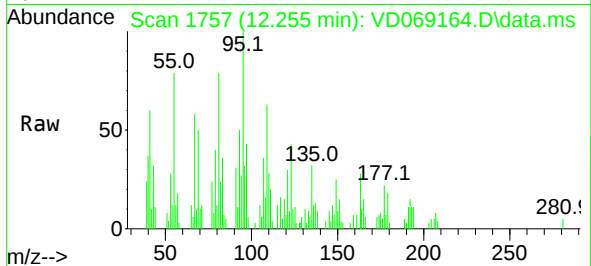




#74  
N-amy1 acetate  
Concen: 6.66 ug/l  
RT: 12.255 min Scan# 1757  
Delta R.T. -0.029 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

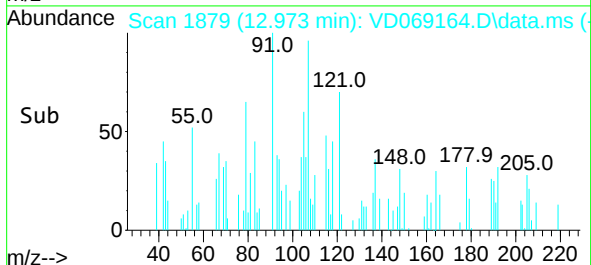
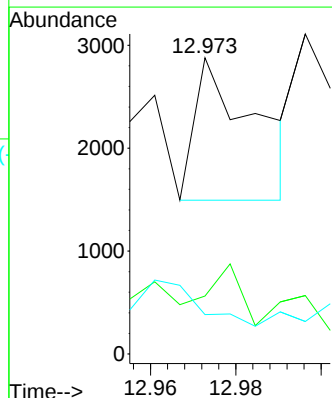
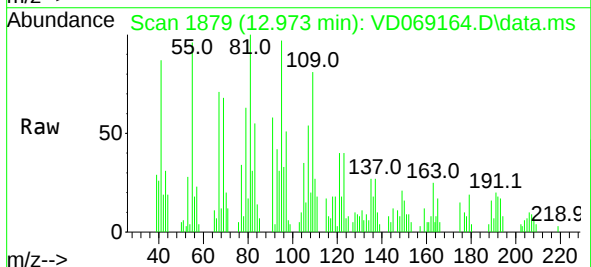
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

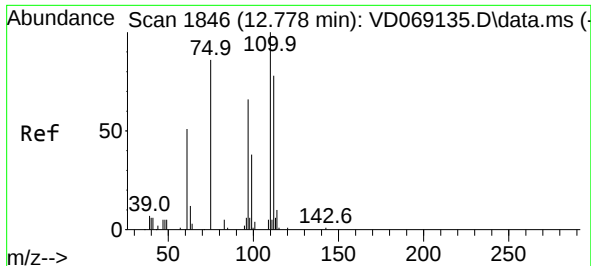
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 991   |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 0.0      | 41.6 62.4#  |
| 55 485.2    | 22.6 34.0#  |
| 61 0.0      | 21.5 32.3#  |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 8.10 ug/l  
RT: 12.973 min Scan# 1879  
Delta R.T. 0.247 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 1336  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 131 6.0     | 5.4 16.2    |
| 85 39.6     | 31.9 95.5   |

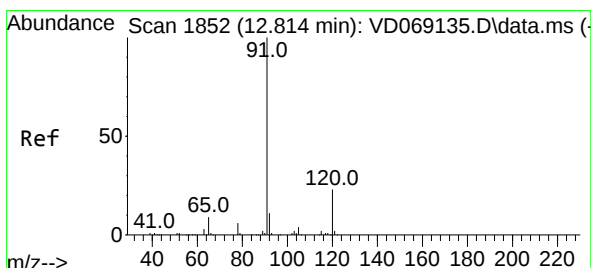
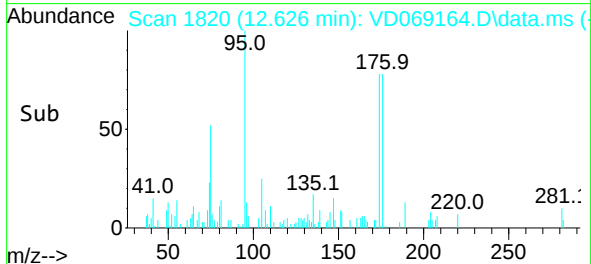
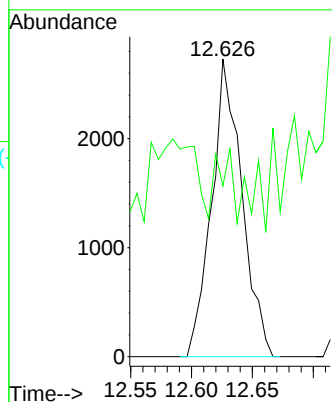
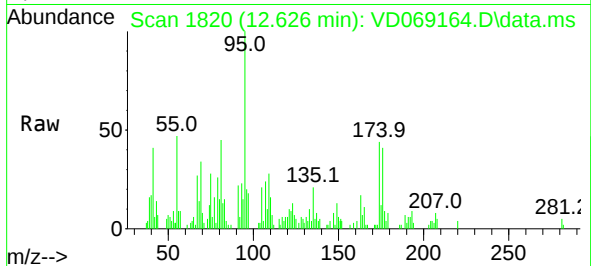




#76  
1,2,3-Trichloropropane  
Concen: 48.18 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.153 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

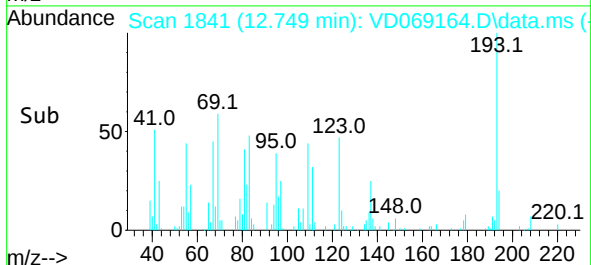
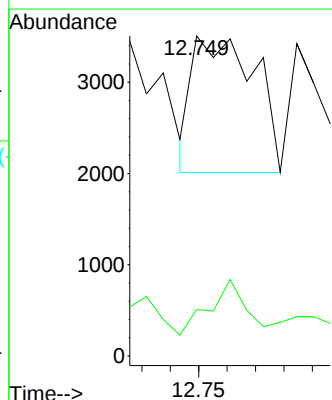
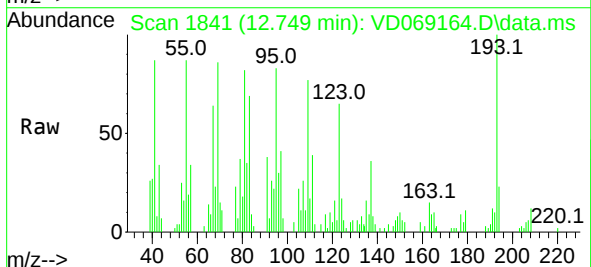
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

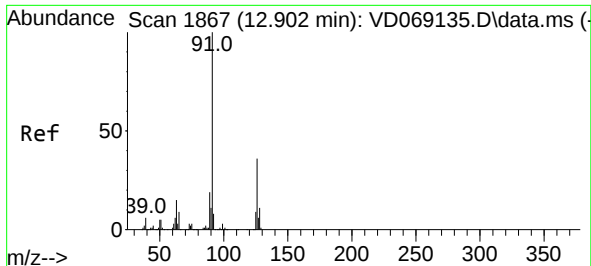
Tgt Ion: 75 Resp: 4715  
Ion Ratio Lower Upper  
75 100  
77 12.4 0.0 0.0#



#78  
n-propylbenzene  
Concen: 2.08 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. -0.064 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion: 91 Resp: 2286  
Ion Ratio Lower Upper  
91 100  
120 24.5 11.6 34.7

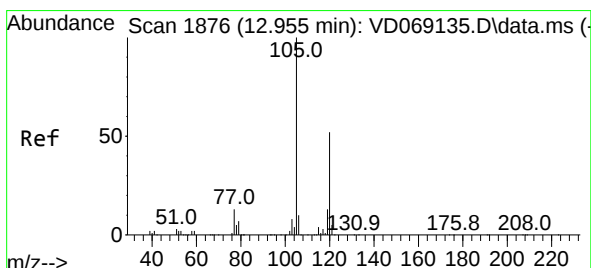
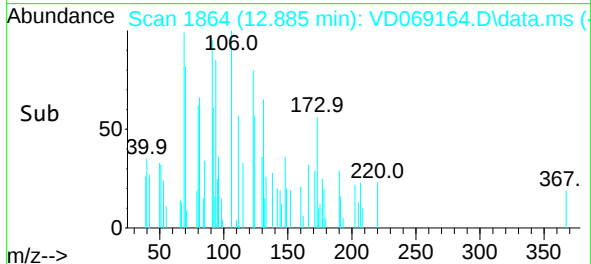
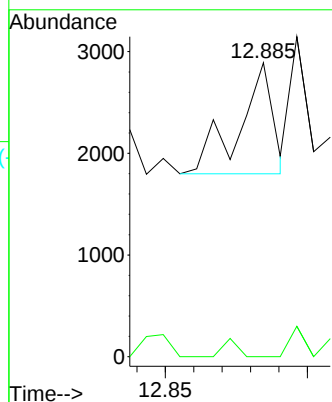
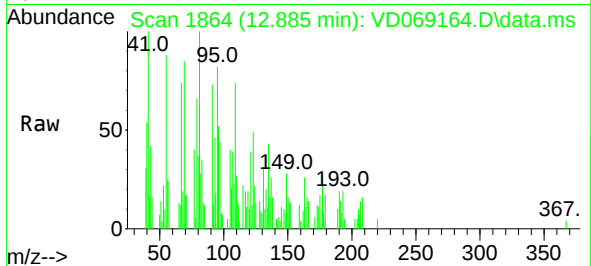




#79  
2-Chlorotoluene  
Concen: 1.48 ug/l  
RT: 12.885 min Scan# 1864  
Delta R.T. -0.017 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

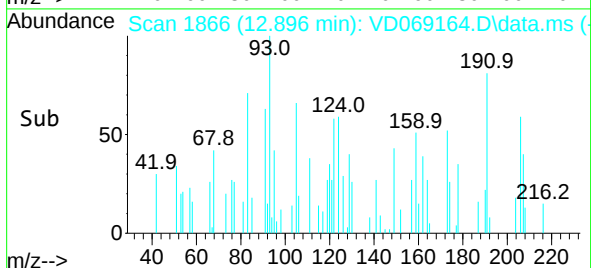
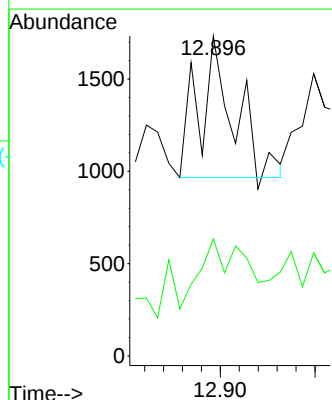
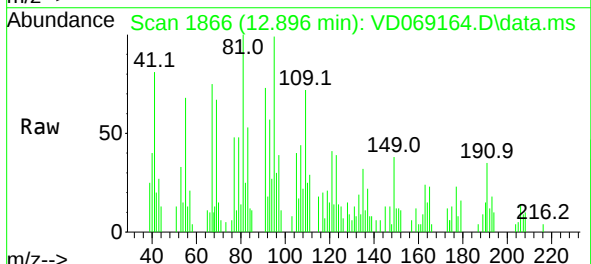
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

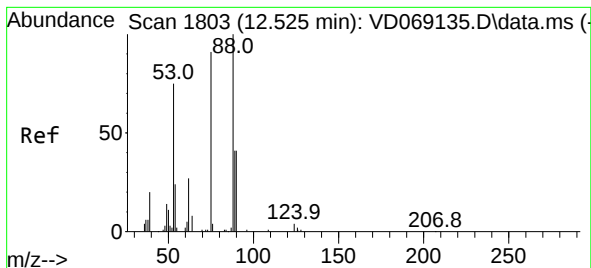
Tgt Ion: 91 Resp: 905  
Ion Ratio Lower Upper  
91 100  
126 18.6 18.1 54.1



#80  
1,3,5-Trimethylbenzene  
Concen: 1.30 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.059 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion: 105 Resp: 973  
Ion Ratio Lower Upper  
105 100  
120 60.9 25.3 75.8

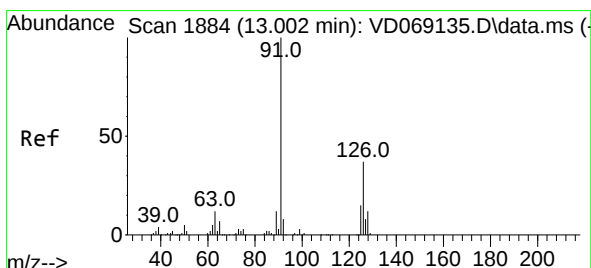
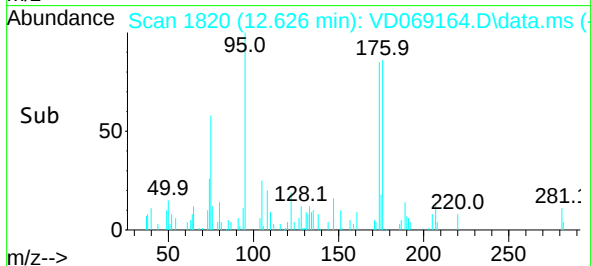
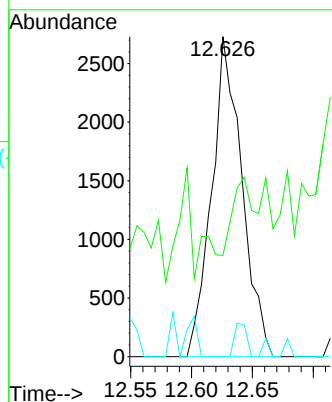
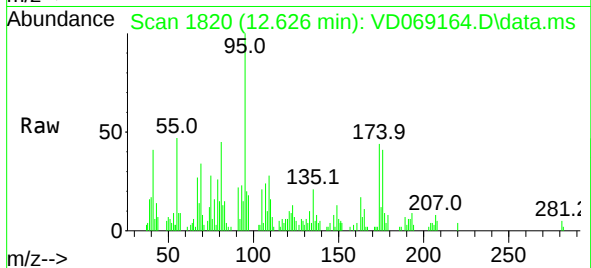




#81  
trans-1,4-Dichloro-2-butene  
Concen: 97.32 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.100 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

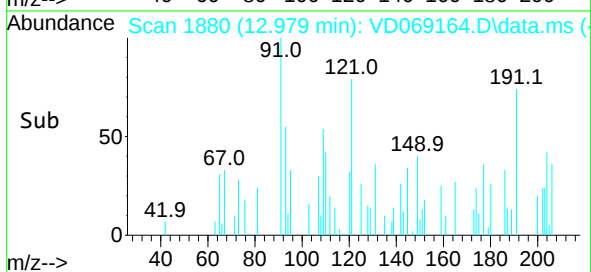
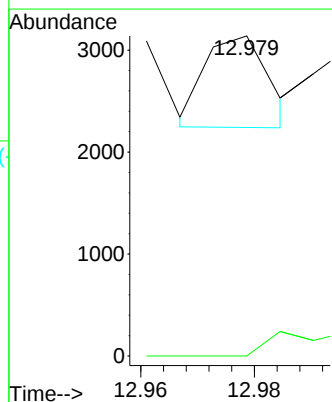
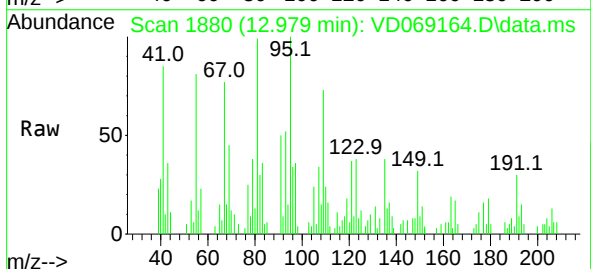
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

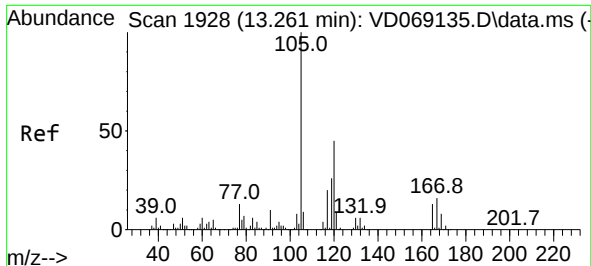
Tgt Ion: 75 Resp: 4715  
Ion Ratio Lower Upper  
75 100  
53 16.9 70.0 105.0#  
89 4.2 40.2 60.2#



#82  
4-Chlorotoluene  
Concen: 1.07 ug/l  
RT: 12.979 min Scan# 1880  
Delta R.T. -0.023 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion: 91 Resp: 696  
Ion Ratio Lower Upper  
91 100  
126 32.0 17.7 53.1

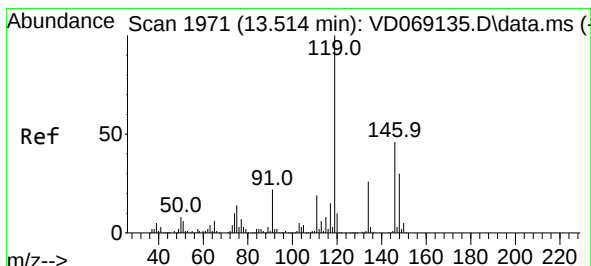
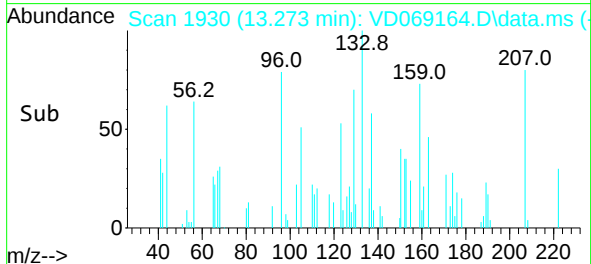
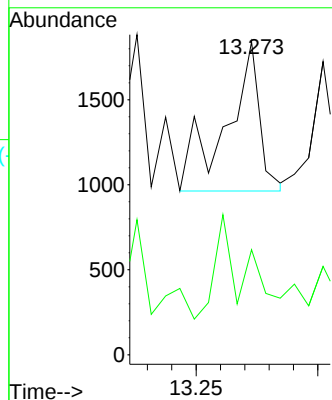
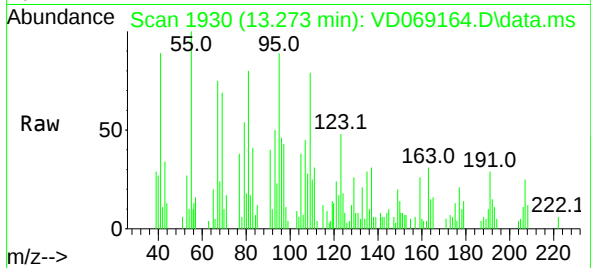




#84  
1,2,4-Trimethylbenzene  
Concen: 1.11 ug/l  
RT: 13.273 min Scan# 1930  
Delta R.T. 0.012 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

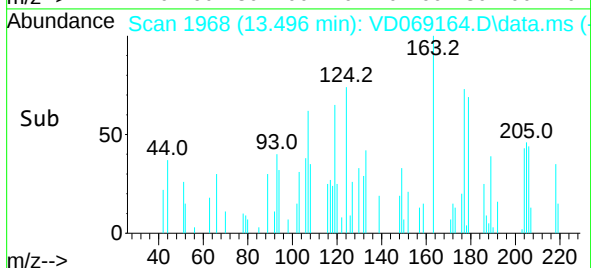
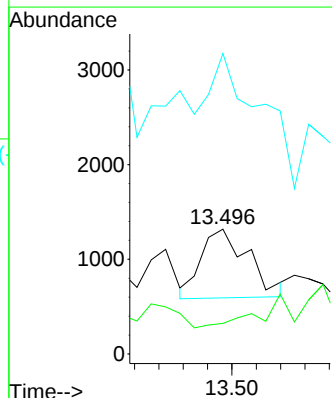
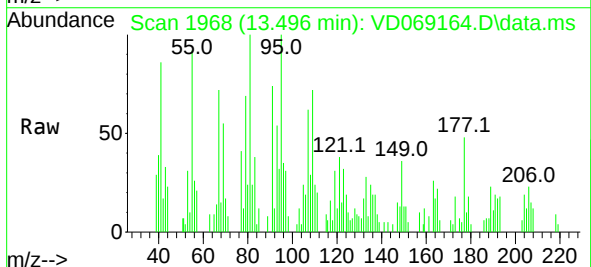
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

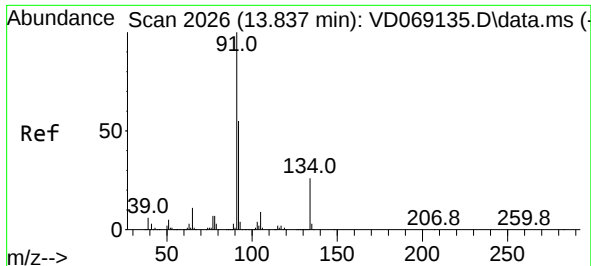
Tgt Ion:105 Resp: 840  
Ion Ratio Lower Upper  
105 100  
120 62.5 22.8 68.4



#86  
p-Isopropyltoluene  
Concen: 1.18 ug/l  
RT: 13.496 min Scan# 1968  
Delta R.T. -0.017 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion:119 Resp: 978  
Ion Ratio Lower Upper  
119 100  
134 0.0 13.2 39.5#  
91 279.3 11.3 33.9#

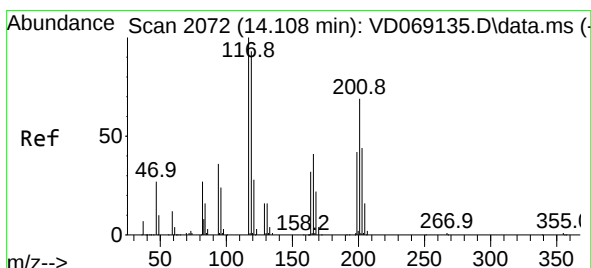
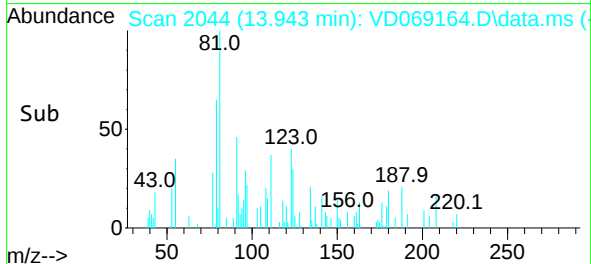
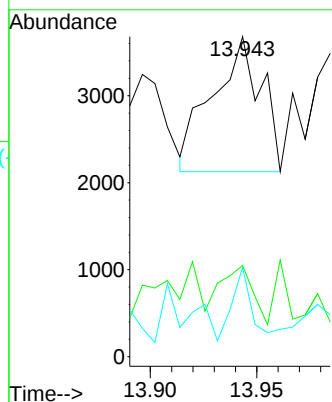
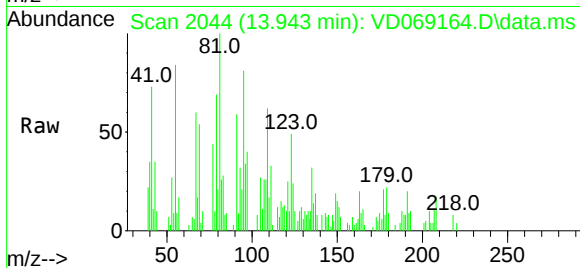




#89  
n-Butylbenzene  
Concen: 3.21 ug/l  
RT: 13.943 min Scan# 2044  
Delta R.T. 0.106 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

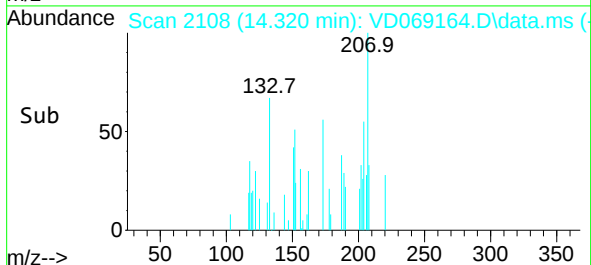
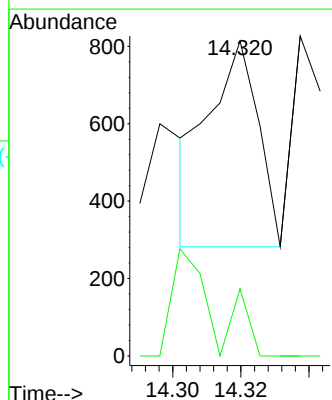
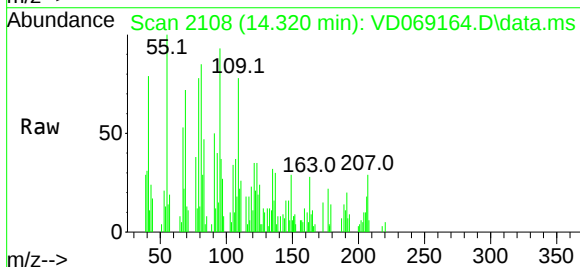
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

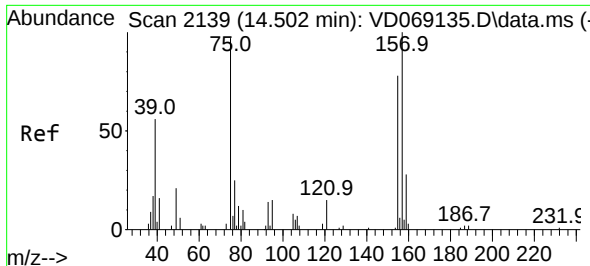
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 91    | Resp: | 2471 |
| Ion Ratio | Lower | Upper |      |
| 91        | 100   |       |      |
| 92        | 29.2  | 26.5  | 79.5 |
| 134       | 21.2  | 13.0  | 39.0 |



#90  
Hexachloroethane  
Concen: 3.50 ug/l  
RT: 14.320 min Scan# 2108  
Delta R.T. 0.212 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 542   |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 43.2  | 35.4  | 106.1 |

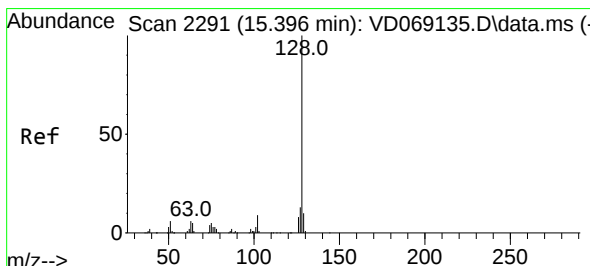
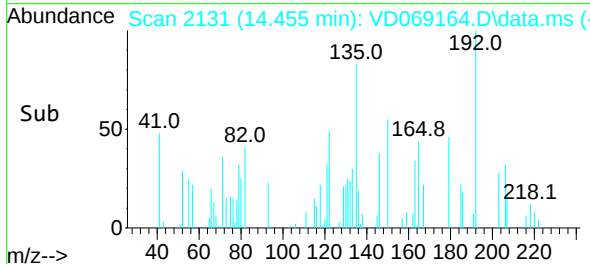
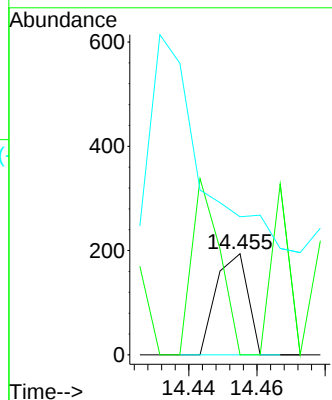
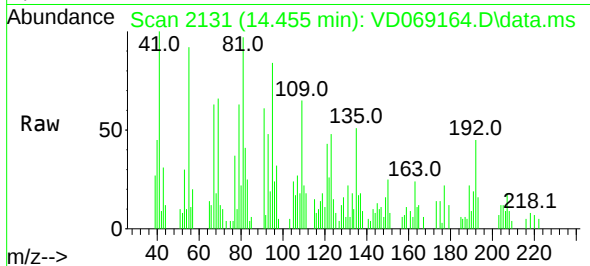




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 4.88 ug/l  
RT: 14.455 min Scan# 2131  
Delta R.T. -0.047 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

Tgt Ion: 75 Resp: 125  
Ion Ratio Lower Upper  
75 100  
155 154.4 43.9 131.7#  
157 0.0 54.9 164.7#



#95  
Naphthalene  
Concen: 2.97 ug/l  
RT: 15.384 min Scan# 2289  
Delta R.T. -0.012 min  
Lab File: VD069164.D  
Acq: 13 May 2021 18:28

Tgt Ion: 128 Resp: 412  
Ion Ratio Lower Upper  
128 100  
127 17.2 10.5 15.7#  
129 276.2 8.9 13.3#

