

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD021021\  
 Data File : VD068346.D  
 Acq On : 10 Feb 2021 15:01  
 Operator : VA/SY  
 Sample : M1363-01  
 Misc : 3.39G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Feb 11 00:13:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 19 13:19:08 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.985  | 168  | 455761   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.867  | 114  | 835084   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.649 | 117  | 726901   | 50.00 | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4 | 13.579 | 152  | 541914   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |            |      |
|---------------------------|--------|-------|----------|----------|------------|------|
| 33) 1,2-Dichloroethane-d4 | 8.338  | 65    | 257121   | 58.97    | ug/l       | 0.00 |
| Spiked Amount             | 50.000 | Range | 50 - 163 | Recovery | = 117.94%  |      |
| 35) Dibromofluoromethane  | 7.920  | 113   | 254513   | 55.13    | ug/l       | 0.00 |
| Spiked Amount             | 50.000 | Range | 54 - 147 | Recovery | = 110.26%  |      |
| 50) Toluene-d8            | 10.344 | 98    | 1415236  | 76.63    | ug/l       | 0.00 |
| Spiked Amount             | 50.000 | Range | 49 - 140 | Recovery | = 153.26%# |      |
| 62) 4-Bromofluorobenzene  | 12.632 | 95    | 955347   | 143.65   | ug/l       | 0.00 |
| Spiked Amount             | 50.000 | Range | 25 - 144 | Recovery | = 287.30%# |      |

## Target Compounds

|                               |        |     |          |         |      | Qvalue |
|-------------------------------|--------|-----|----------|---------|------|--------|
| 10) Methyl Iodide             | 4.291  | 142 | 306      | 3.21    | ug/l | # 76   |
| 11) Tert butyl alcohol        | 5.209  | 59  | 488      | Below   | Cal  | # 74   |
| 16) Acetone                   | 4.162  | 43  | 33326    | 42.81   | ug/l | 95     |
| 20) Methylene Chloride        | 4.967  | 84  | 1241     | Below   | Cal  | # 84   |
| 25) 2-Butanone                | 7.220  | 43  | 4235     | 3.61    | ug/l | 99     |
| 31) Cyclohexane               | 7.985  | 56  | 26232    | 2.78    | ug/l | # 73   |
| 38) Carbon Tetrachloride      | 7.985  | 117 | 46435    | 5.89    | ug/l | # 15   |
| 39) Methylcyclohexane         | 9.355  | 83  | 443081   | 40.24   | ug/l | 90     |
| 43) Isopropyl Acetate         | 8.456  | 43  | 23780    | 3.83    | ug/l | # 46   |
| 45) 1,2-Dichloropropane       | 9.355  | 63  | 5928     | 1.03    | ug/l | # 1    |
| 47) Bromodichloromethane      | 9.632  | 83  | 37300    | 4.73    | ug/l | # 42   |
| 48) Methyl methacrylate       | 9.408  | 41  | 102095   | 33.04   | ug/l | # 37   |
| 51) 4-Methyl-2-Pentanone      | 10.261 | 43  | 52284    | 18.12   | ug/l | # 54   |
| 55) 1,1,2-Trichloroethane     | 10.779 | 97  | 3285218  | 793.42  | ug/l | # 23   |
| 56) Ethyl methacrylate        | 10.644 | 69  | 479306   | 86.90   | ug/l | # 90   |
| 59) 2-Hexanone                | 10.955 | 43  | 3107070  | 1553.30 | ug/l | # 24   |
| 60) Dibromochloromethane      | 11.055 | 129 | 9928     | 1.91    | ug/l | 89     |
| 67) Ethyl Benzene             | 11.744 | 91  | 39935    | 1.40    | ug/l | # 77   |
| 68) m/p-Xylenes               | 11.855 | 106 | 12318    | 1.14    | ug/l | # 1    |
| 73) Isopropylbenzene          | 12.485 | 105 | 4074164  | 90.35   | ug/l | 100    |
| 74) N-amyl acetate            | 12.279 | 43  | 7662256  | 817.49  | ug/l | # 65   |
| 75) 1,1,2,2-Tetrachloroethane | 12.714 | 83  | 907555   | 126.54  | ug/l | # 74   |
| 76) 1,2,3-Trichloropropane    | 12.820 | 75  | 58962    | 11.25   | ug/l | # 100  |
| 77) Bromobenzene              | 12.726 | 156 | 15572    | 1.61    | ug/l | # 1    |
| 78) n-propylbenzene           | 12.820 | 91  | 9075496  | 170.12  | ug/l | 98     |
| 79) 2-Chlorotoluene           | 12.955 | 91  | 323553   | 10.80   | ug/l | 74     |
| 81) trans-1,4-Dichloro-2-b... | 12.479 | 75  | 48055    | 18.56   | ug/l | # 1    |
| 82) 4-Chlorotoluene           | 12.955 | 91  | 325689   | 10.46   | ug/l | 74     |
| 83) tert-Butylbenzene         | 13.226 | 119 | 234646   | 7.37    | ug/l | # 79   |
| 84) 1,2,4-Trimethylbenzene    | 13.402 | 105 | 10947763 | 293.69  | ug/l | # 32   |
| 85) sec-Butylbenzene          | 13.402 | 105 | 10947763 | 245.94  | ug/l | 89     |
| 86) p-Isopropyltoluene        | 13.673 | 119 | 1437296  | 35.50   | ug/l | # 85   |
| 89) n-Butylbenzene            | 13.844 | 91  | 7046488  | 181.36  | ug/l | 88     |
| 90) Hexachloroethane          | 14.120 | 117 | 2299726  | 314.46  | ug/l | # 10   |
| 92) 1,2-Dibromo-3-Chloropr... | 14.520 | 75  | 45417    | 38.69   | ug/l | # 1    |
| 93) 1,2,4-Trichlorobenzene    | 15.155 | 180 | 18665    | 1.71    | ug/l | # 1    |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD021021\  
Data File : VD068346.D  
Acq On : 10 Feb 2021 15:01  
Operator : VA/SY  
Sample : M1363-01  
Misc : 3.39G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

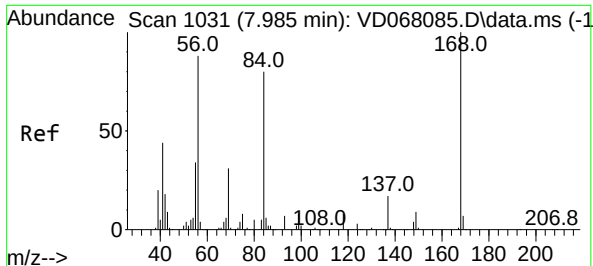
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Feb 11 00:13:14 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 19 13:19:08 2021  
Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|----------------------------|--------|------|----------|------|--------|----------|
| 95) Naphthalene            | 15.361 | 128  | 142865   | 6.98 | ug/l # | 1        |
| 96) 1,2,3-Trichlorobenzene | 15.614 | 180  | 24531    | 2.66 | ug/l # | 12       |

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

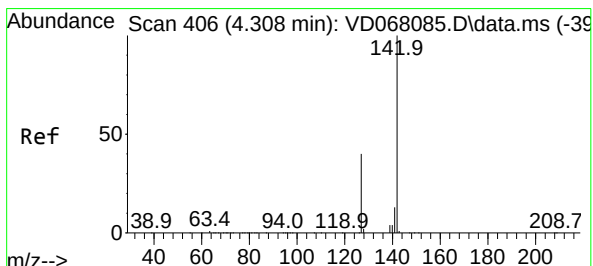
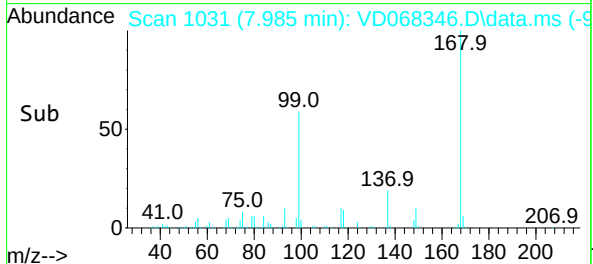
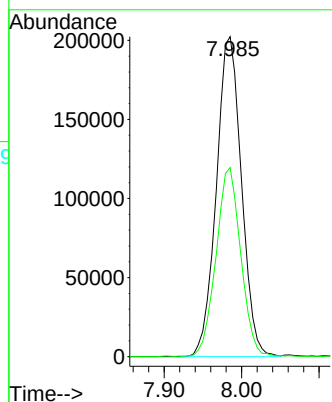
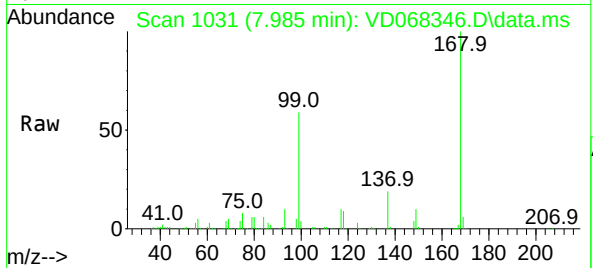




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

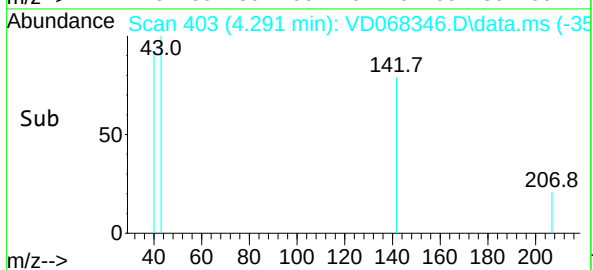
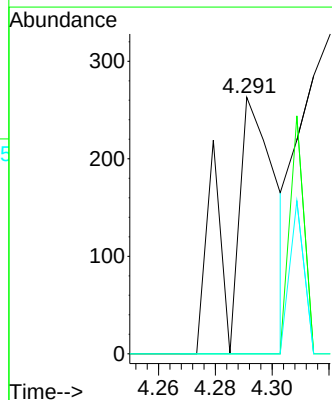
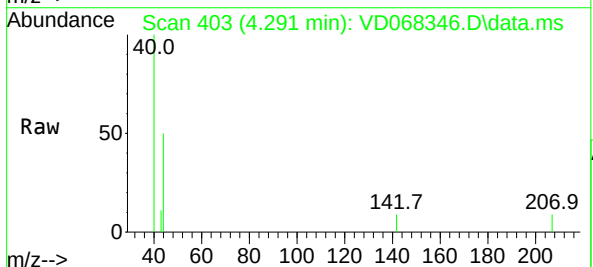
Instrument :  
MSVOA\_D  
ClientSampled :

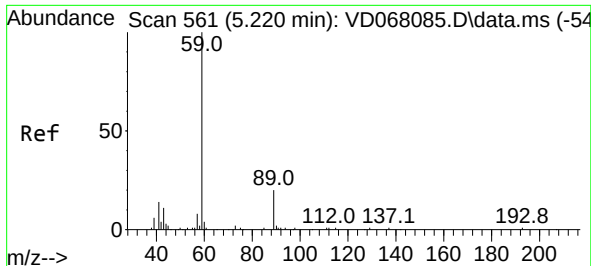
Tgt Ion:168 Resp: 455761  
Ion Ratio Lower Upper  
168 100  
99 58.9 43.5 65.3



#10  
Methyl Iodide  
Concen: 3.21 ug/l  
RT: 4.291 min Scan# 403  
Delta R.T. -0.017 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

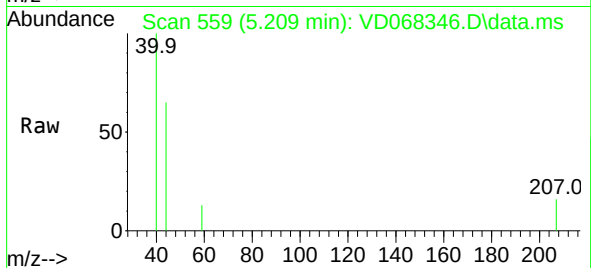
Tgt Ion:142 Resp: 306  
Ion Ratio Lower Upper  
142 100  
127 28.1 37.9 56.9#  
141 18.0 11.5 17.3#



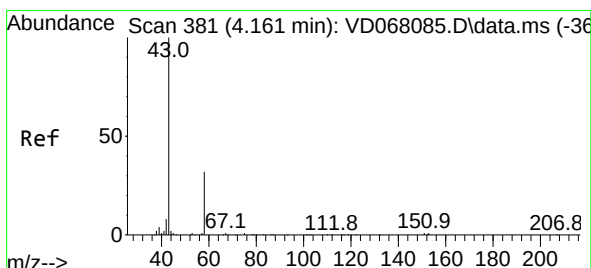
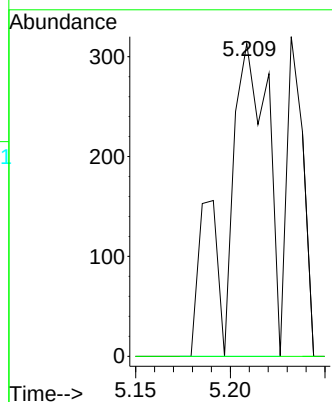
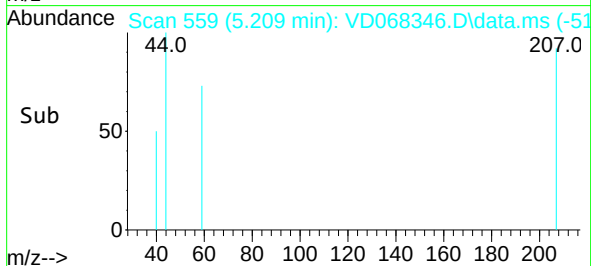


#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 5.209 min Scan# 559  
Delta R.T. -0.011 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

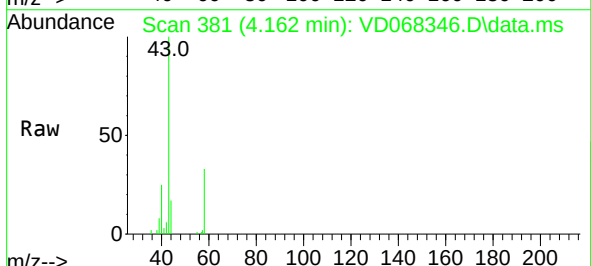
Instrument :  
MSVOA\_D  
ClientSampled :



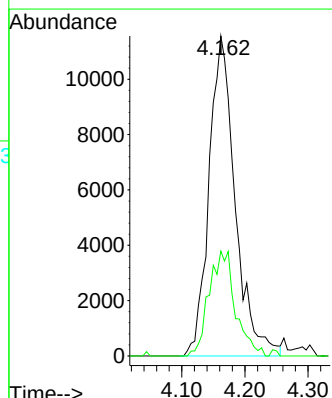
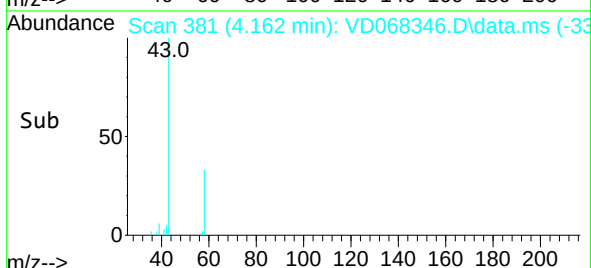
Tgt Ion: 59 Resp: 488  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.4 11.2#

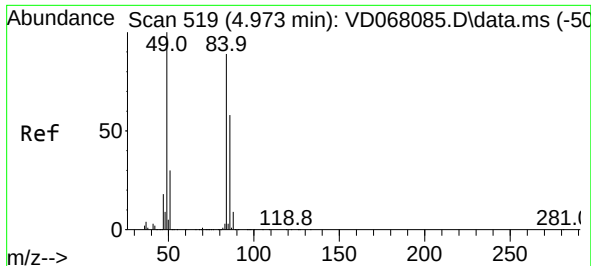


#16  
Acetone  
Concen: 42.81 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.000 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01



Tgt Ion: 43 Resp: 33326  
Ion Ratio Lower Upper  
43 100  
58 32.8 24.2 36.4





#20

Methylene Chloride

Concen: Below Cal

RT: 4.967 min Scan# 518

Delta R.T. -0.006 min

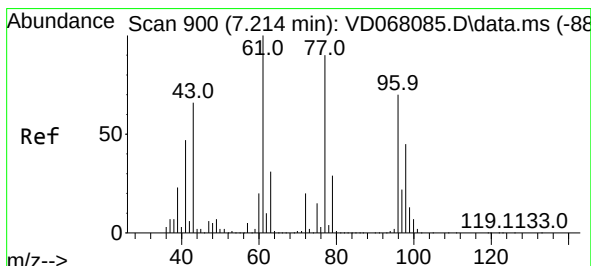
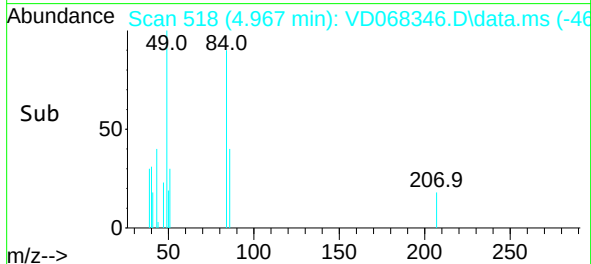
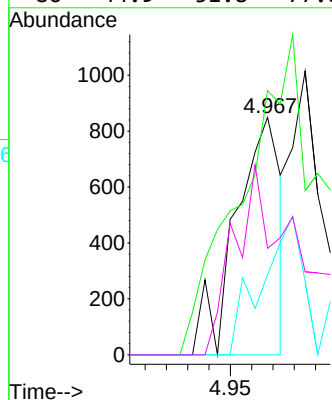
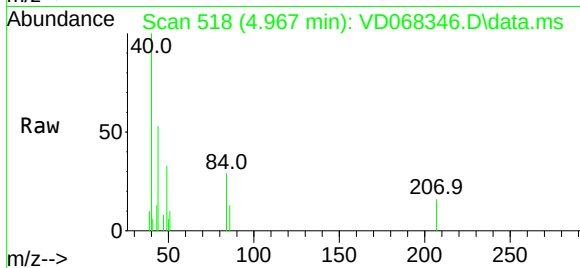
Lab File: VD068346.D

Acq: 10 Feb 2021 15:01

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion: 84 Resp: 1241

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 111.3 | 77.4  | 116.2 |
| 51  | 33.7  | 26.1  | 39.1  |
| 86  | 44.9  | 51.8  | 77.8# |



#25

2-Butanone

Concen: 3.61 ug/l

RT: 7.220 min Scan# 901

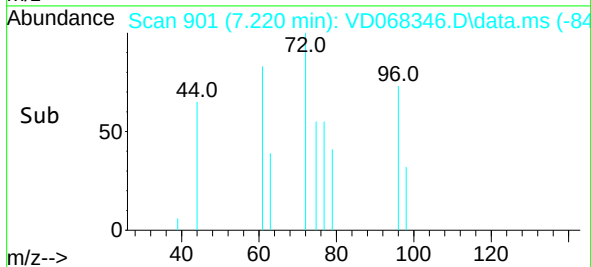
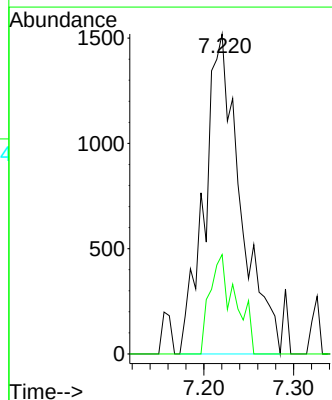
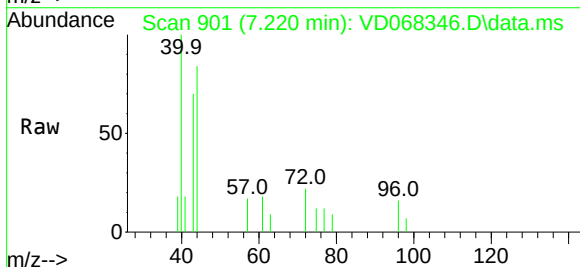
Delta R.T. 0.006 min

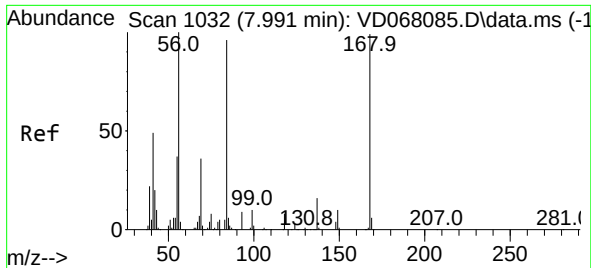
Lab File: VD068346.D

Acq: 10 Feb 2021 15:01

Tgt Ion: 43 Resp: 4235

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 31.1  | 25.1  | 37.7  |

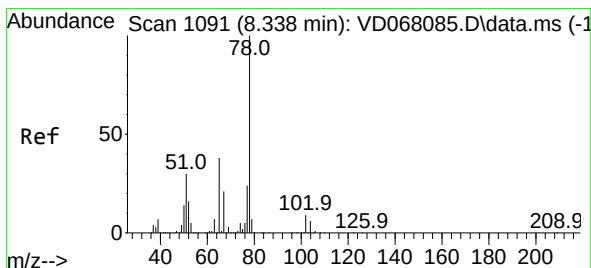
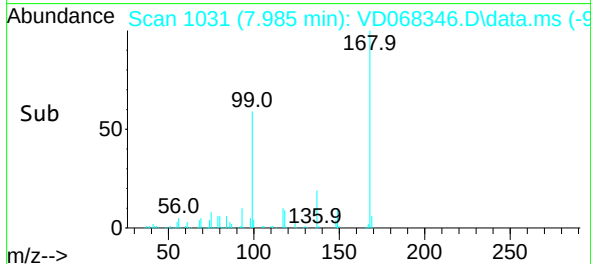
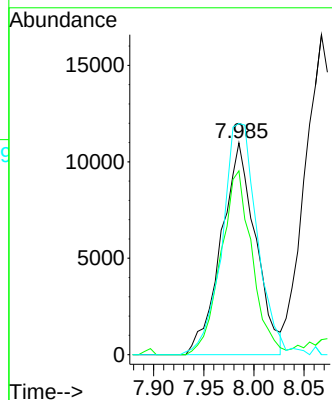
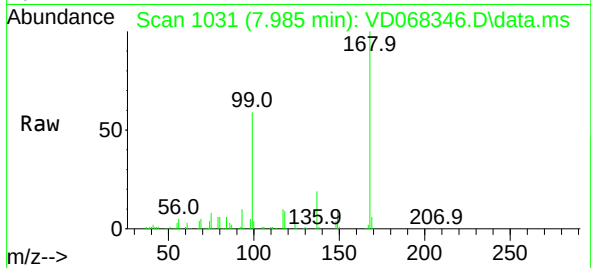




#31  
Cyclohexane  
Concen: 2.78 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

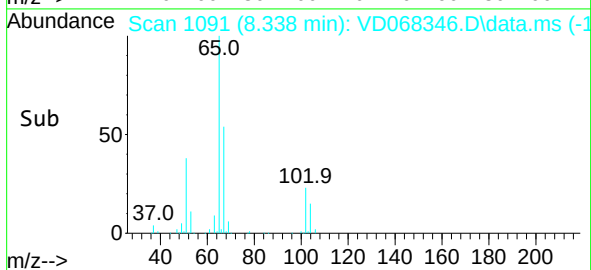
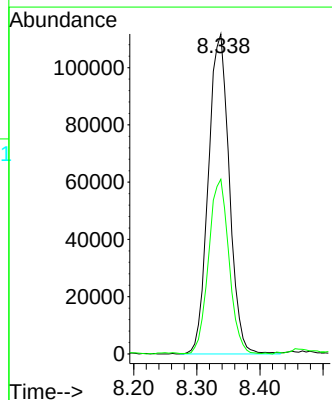
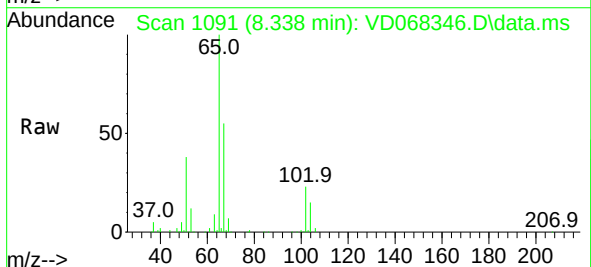
Instrument :  
MSVOA\_D  
ClientSampleId :

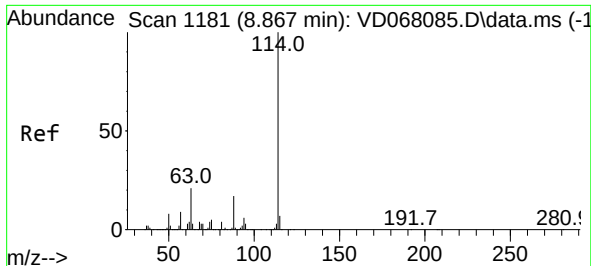
Tgt Ion: 56 Resp: 26232  
Ion Ratio Lower Upper  
56 100  
69 86.8 30.1 45.1#  
84 109.2 82.1 123.1



#33  
1,2-Dichloroethane-d4  
Concen: 58.97 ug/l  
RT: 8.338 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Tgt Ion: 65 Resp: 257121  
Ion Ratio Lower Upper  
65 100  
67 53.4 0.0 105.0

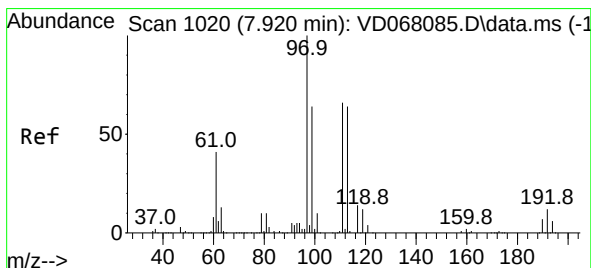
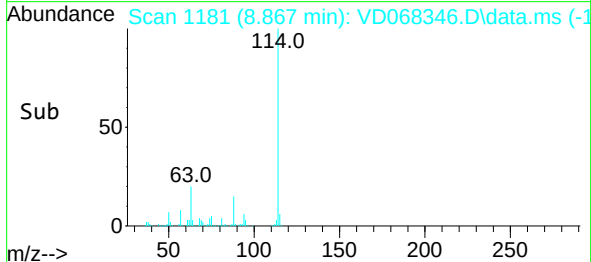
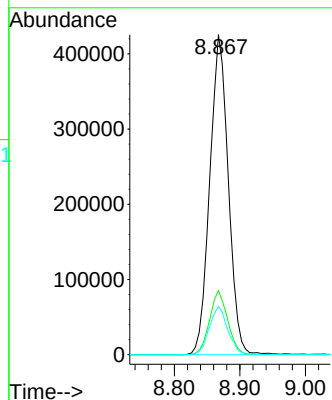
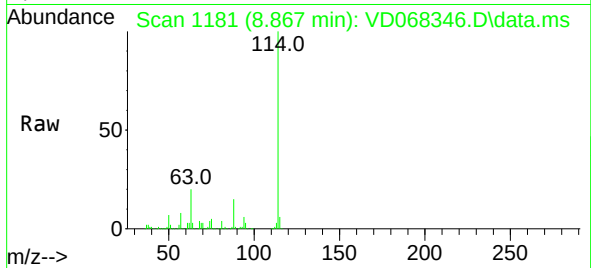




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

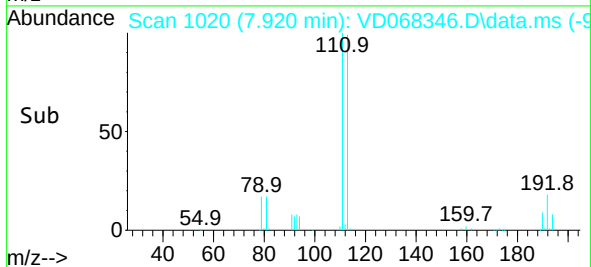
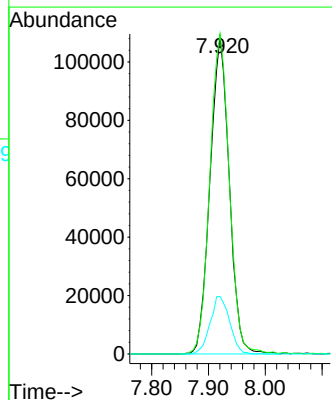
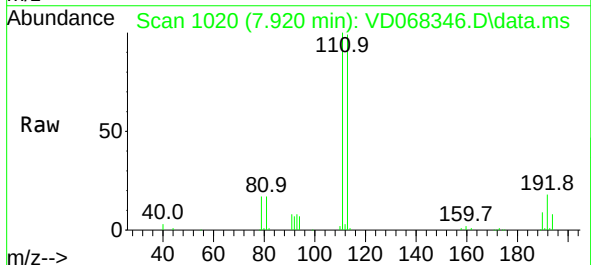
Instrument :  
MSVOA\_D  
ClientSampled :

Tgt Ion:114 Resp: 835084  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 34.8  
88 15.1 0.0 31.6

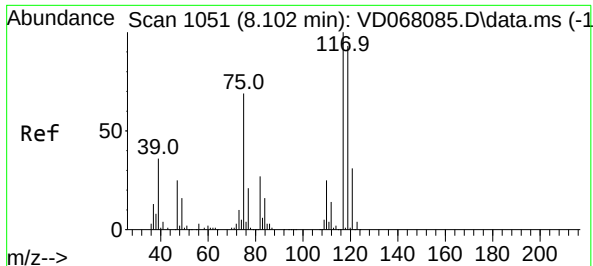


#35  
Dibromofluoromethane  
Concen: 55.13 ug/l  
RT: 7.920 min Scan# 1020  
Delta R.T. 0.000 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Tgt Ion:113 Resp: 254513  
Ion Ratio Lower Upper  
113 100  
111 102.5 81.4 122.0  
192 18.4 16.1 24.1

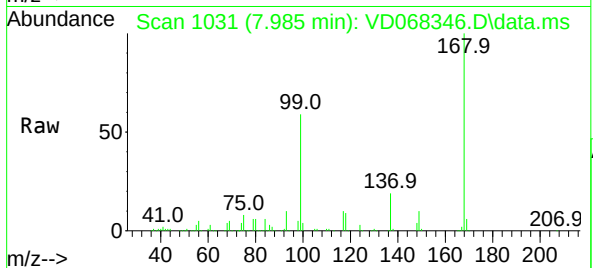




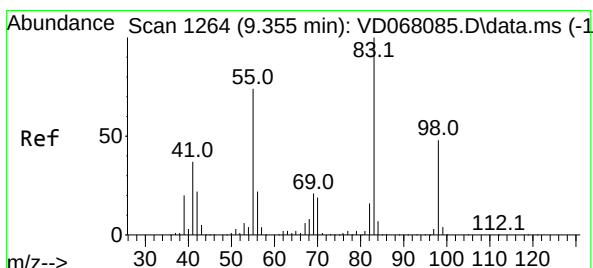
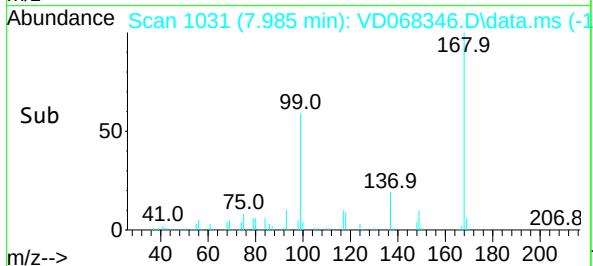
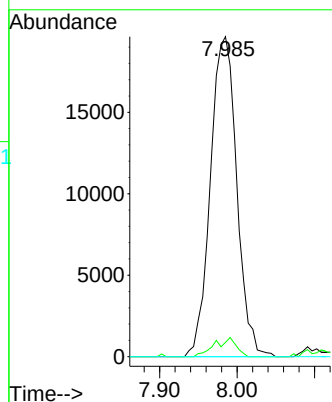


#38  
Carbon Tetrachloride  
Concen: 5.89 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.117 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Instrument :  
MSVOA\_D  
ClientSampled :

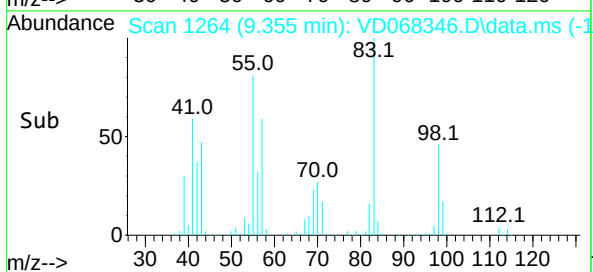
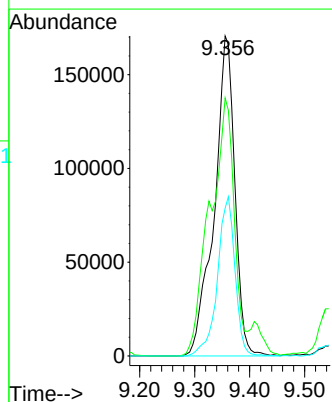
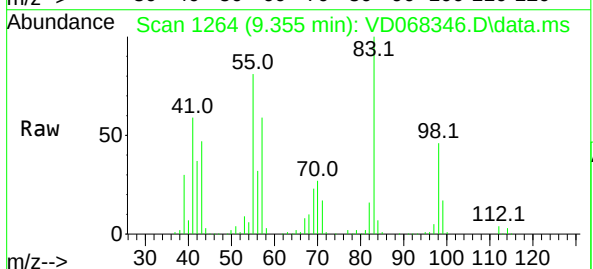


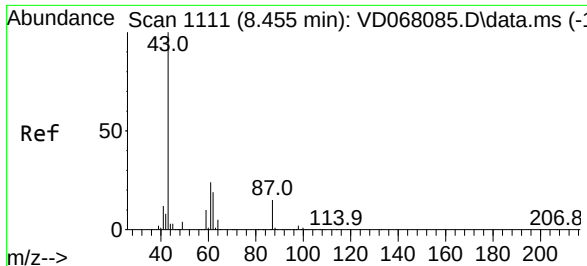
Tgt Ion:117 Resp: 46435  
Ion Ratio Lower Upper  
117 100  
119 4.5 77.3 115.9#  
121 0.0 24.7 37.1#



#39  
Methylcyclohexane  
Concen: 40.24 ug/l  
RT: 9.355 min Scan# 1264  
Delta R.T. 0.000 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

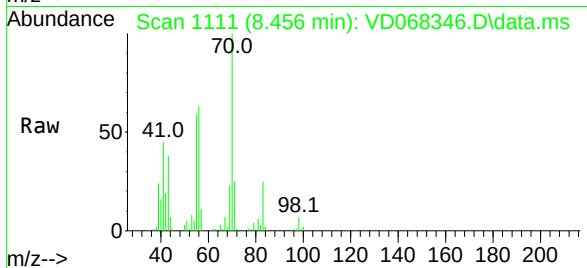
Tgt Ion: 83 Resp: 443081  
Ion Ratio Lower Upper  
83 100  
55 80.5 55.2 82.8  
98 46.2 39.1 58.7



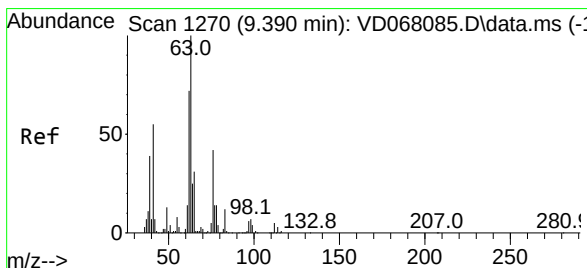
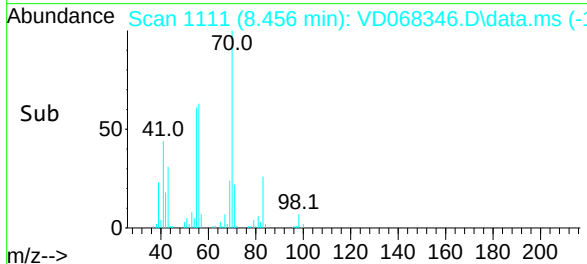
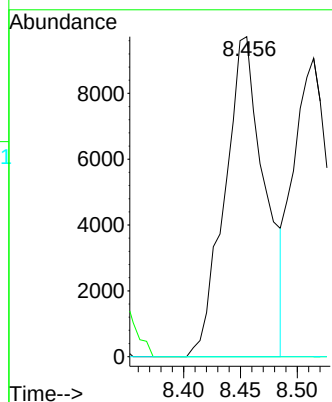


#43  
Isopropyl Acetate  
Concen: 3.83 ug/l  
RT: 8.456 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Instrument :  
MSVOA\_D  
ClientSampled :

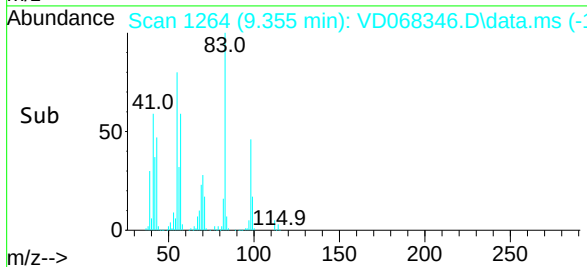
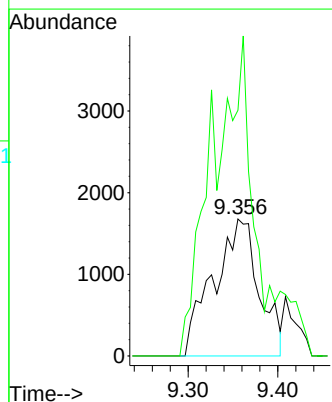
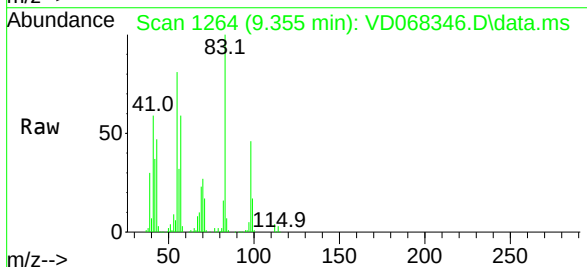


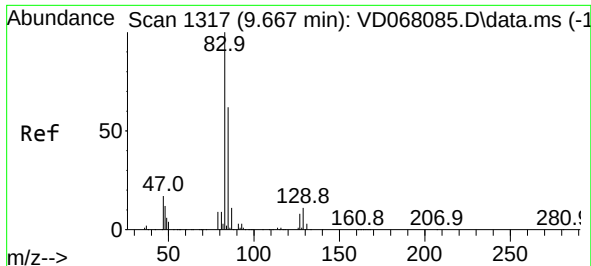
Tgt Ion: 43 Resp: 23780  
Ion Ratio Lower Upper  
43 100  
61 0.0 28.7 43.1#  
87 0.0 13.9 20.9#



#45  
1,2-Dichloropropane  
Concen: 1.03 ug/l  
RT: 9.355 min Scan# 1264  
Delta R.T. -0.035 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Tgt Ion: 63 Resp: 5928  
Ion Ratio Lower Upper  
63 100  
65 179.5 26.6 40.0#

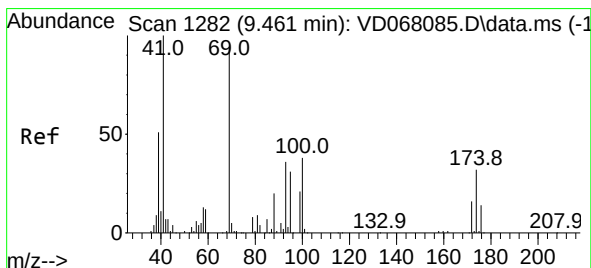
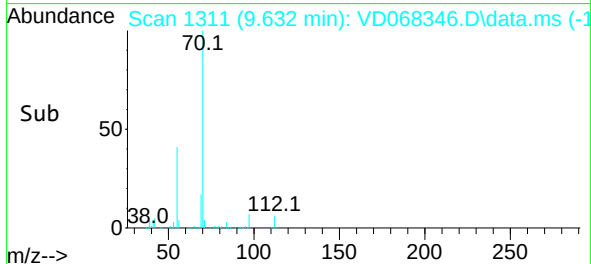
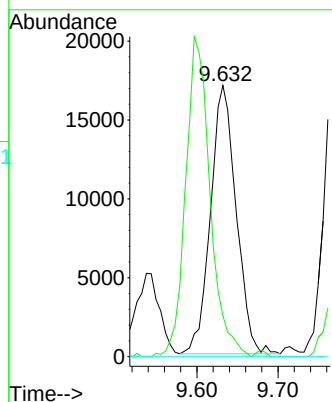
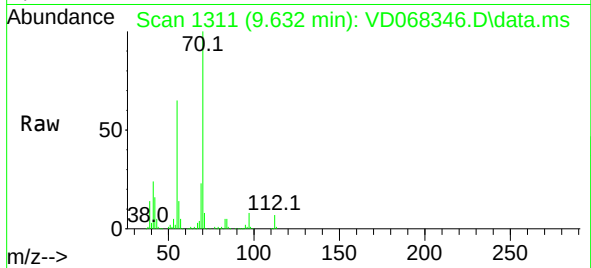




#47  
Bromodichloromethane  
Concen: 4.73 ug/l  
RT: 9.632 min Scan# 1311  
Delta R.T. -0.035 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

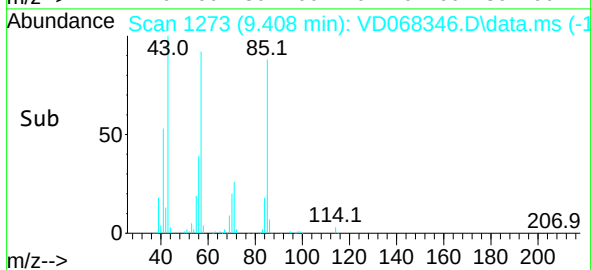
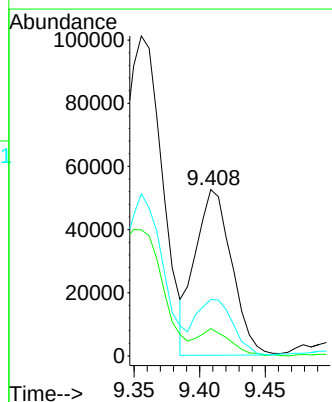
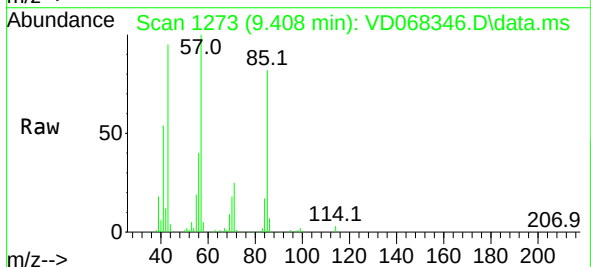
Instrument :  
MSVOA\_D  
ClientSampled :

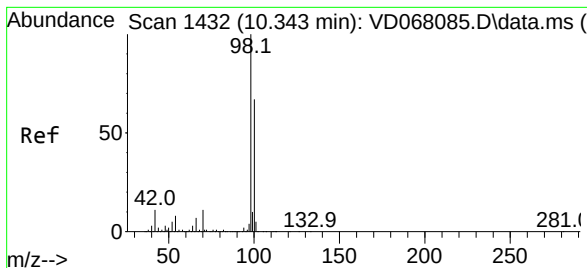
Tgt Ion: 83 Resp: 37300  
Ion Ratio Lower Upper  
83 100  
85 15.3 51.6 77.4#  
127 0.0 7.4 11.0#



#48  
Methyl methacrylate  
Concen: 33.04 ug/l  
RT: 9.408 min Scan# 1273  
Delta R.T. -0.053 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Tgt Ion: 41 Resp: 102095  
Ion Ratio Lower Upper  
41 100  
69 14.8 77.1 115.7#  
39 33.4 41.5 62.3#

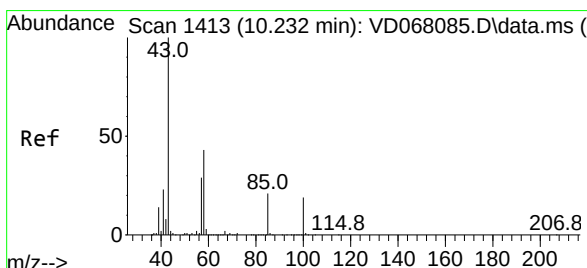
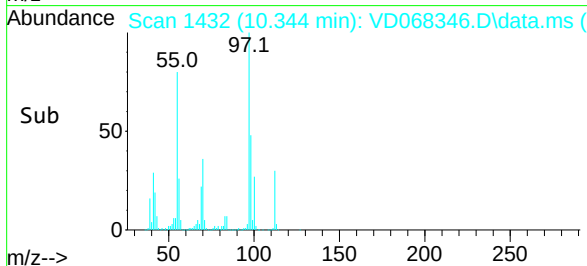
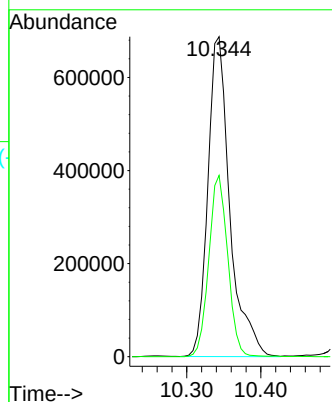
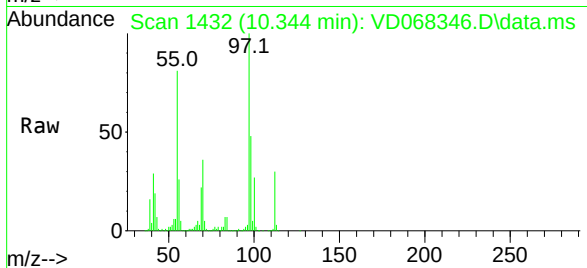




#50  
Toluene-d8  
Concen: 76.63 ug/l  
RT: 10.344 min Scan# 1432  
Delta R.T. 0.000 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

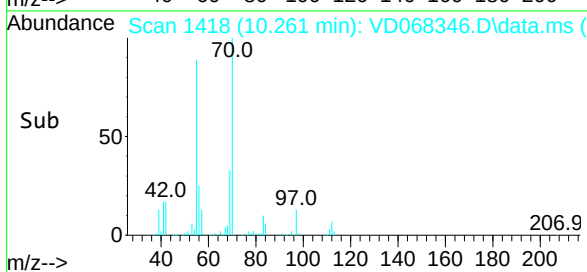
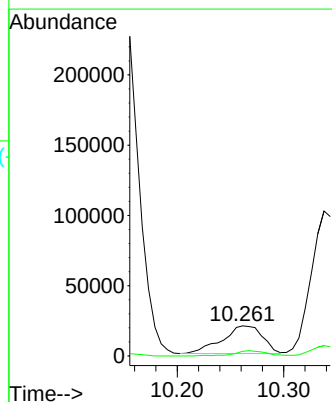
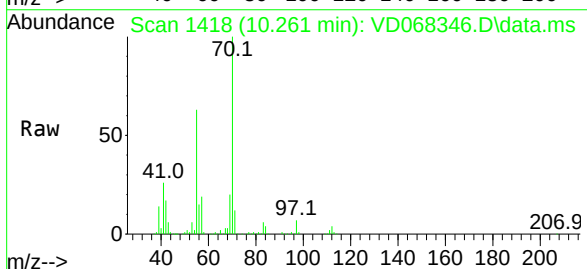
Instrument :  
MSVOA\_D  
ClientSampled :

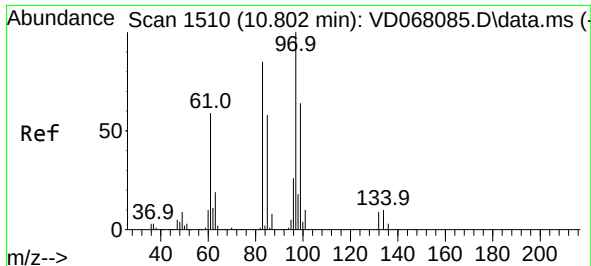
Tgt Ion: 98 Resp: 1415236  
Ion Ratio Lower Upper  
98 100  
100 48.9 53.0 79.4#



#51  
4-Methyl-2-Pentanone  
Concen: 18.12 ug/l  
RT: 10.261 min Scan# 1418  
Delta R.T. 0.030 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

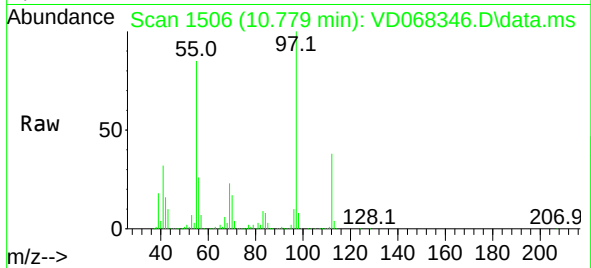
Tgt Ion: 43 Resp: 52284  
Ion Ratio Lower Upper  
43 100  
58 15.0 36.1 54.1#



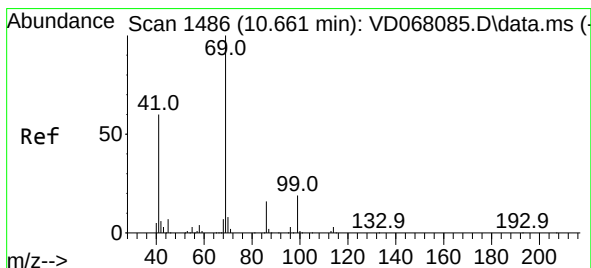
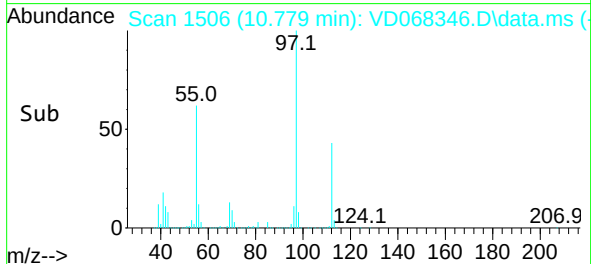
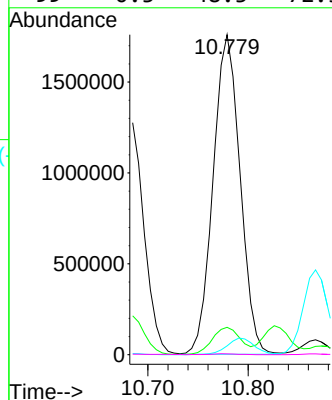


#55  
1,1,2-Trichloroethane  
Concen: 793.42 ug/l  
RT: 10.779 min Scan# 1506  
Delta R.T. -0.023 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Instrument :  
MSVOA\_D  
ClientSampled :

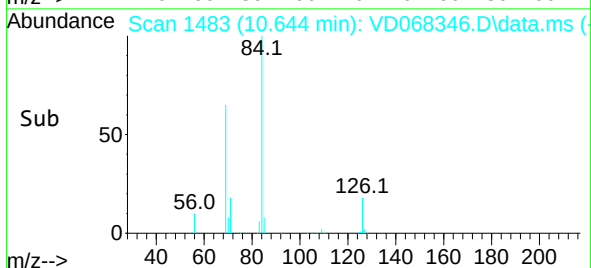
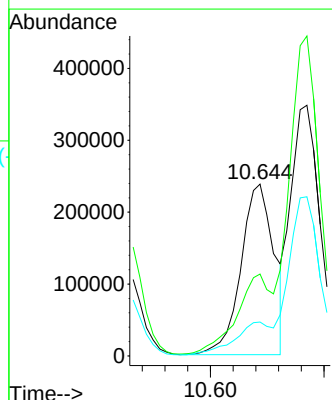
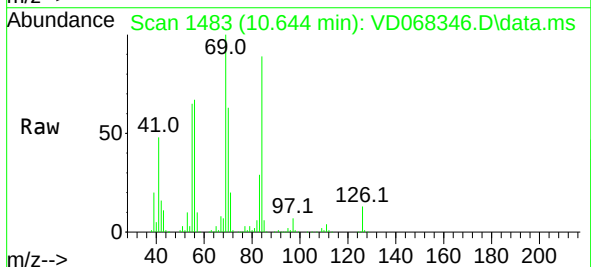


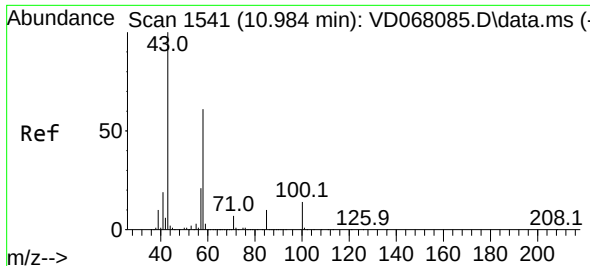
Tgt Ion: 97 Resp: 3285218  
Ion Ratio Lower Upper  
97 100  
83 8.5 61.8 92.6#  
85 2.8 42.2 63.2#  
99 0.3 48.3 72.5#



#56  
Ethyl methacrylate  
Concen: 86.90 ug/l  
RT: 10.644 min Scan# 1483  
Delta R.T. -0.017 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Tgt Ion: 69 Resp: 479306  
Ion Ratio Lower Upper  
69 100  
41 49.3 44.9 67.3  
39 21.8 21.9 32.9#

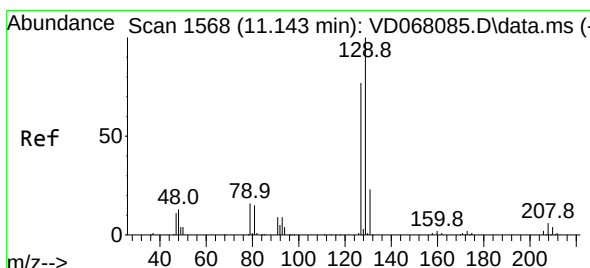
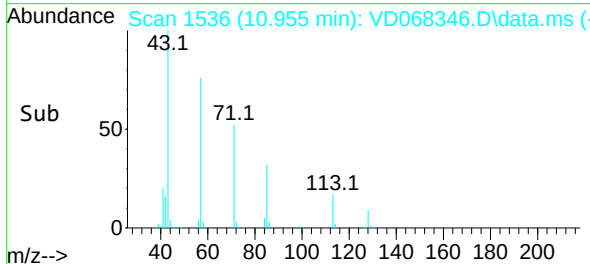
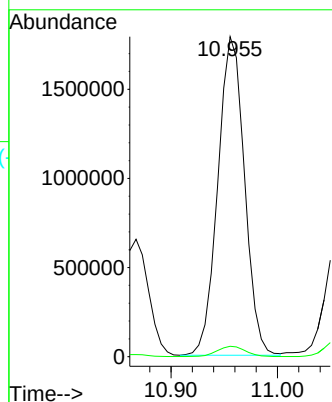
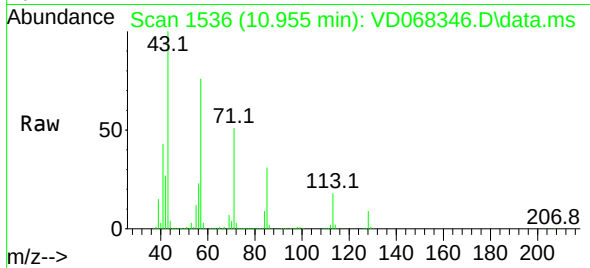




#59  
2-Hexanone  
Concen: 1553.30 ug/l  
RT: 10.955 min Scan# 1536  
Delta R.T. -0.029 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

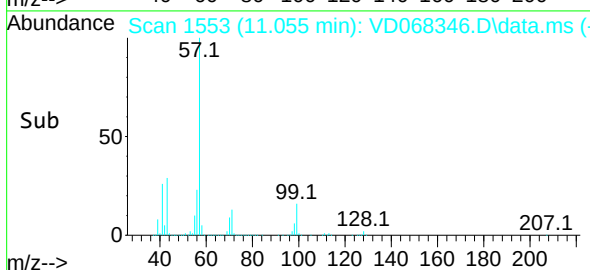
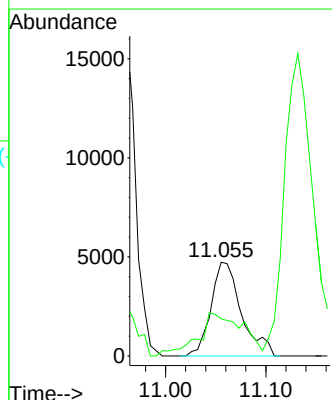
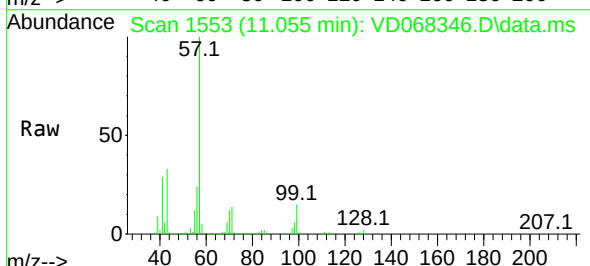
Instrument :  
MSVOA\_D  
ClientSampled :

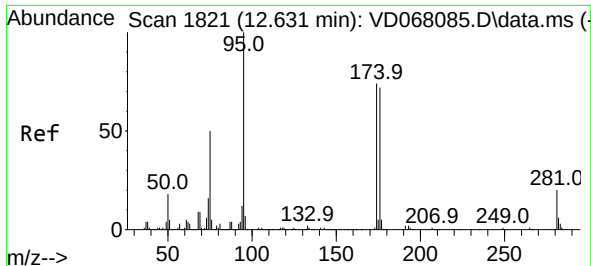
Tgt Ion: 43 Resp: 3107070  
Ion Ratio Lower Upper  
43 100  
58 3.4 31.0 93.0#



#60  
Dibromochloromethane  
Concen: 1.91 ug/l  
RT: 11.055 min Scan# 1553  
Delta R.T. -0.088 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Tgt Ion: 129 Resp: 9928  
Ion Ratio Lower Upper  
129 100  
127 68.1 38.6 116.0

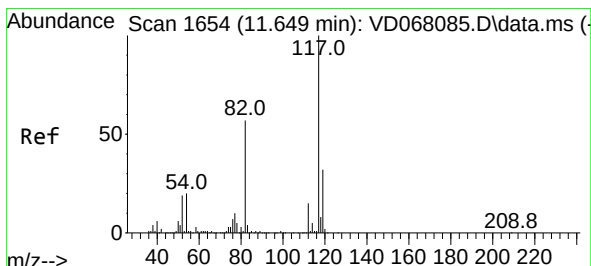
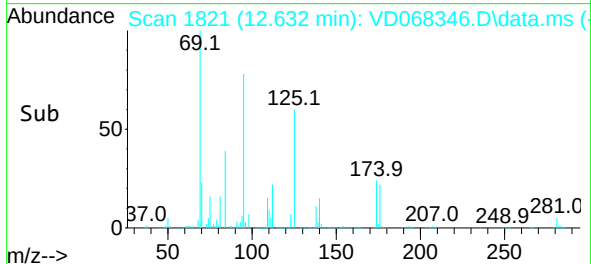
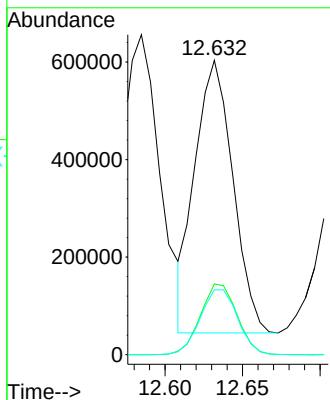
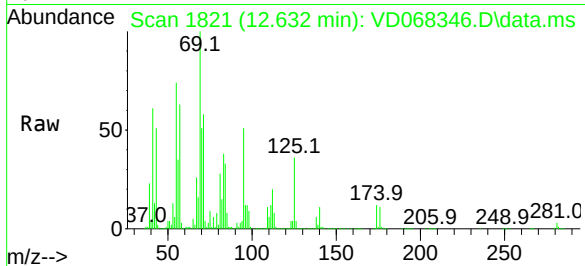




#62  
4-Bromofluorobenzene  
Concen: 143.65 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

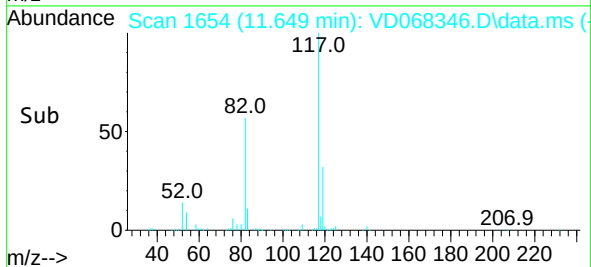
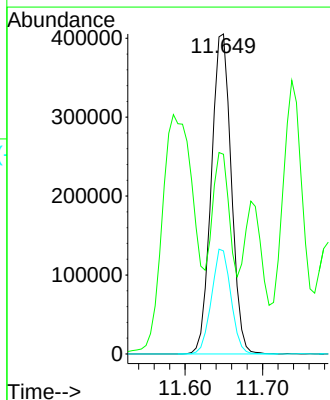
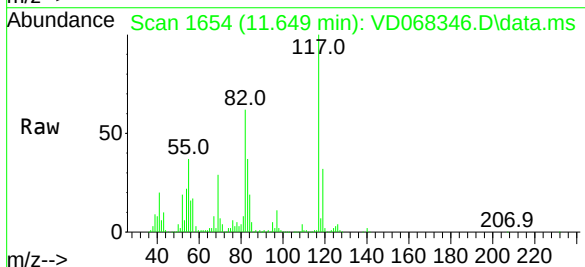
Instrument :  
MSVOA\_D  
ClientSampleId :

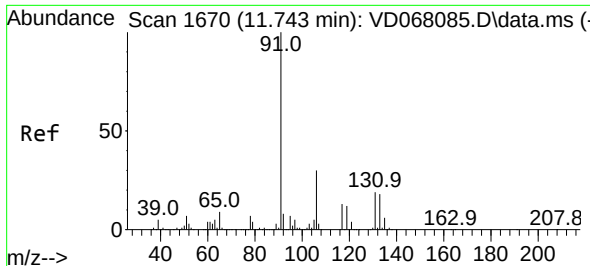
Tgt Ion: 95 Resp: 955347  
Ion Ratio Lower Upper  
95 100  
174 24.9 0.0 172.4  
176 23.6 0.0 168.4



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.649 min Scan# 1654  
Delta R.T. 0.000 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Tgt Ion: 117 Resp: 726901  
Ion Ratio Lower Upper  
117 100  
82 33.0 41.4 62.0#  
119 32.2 26.1 39.1

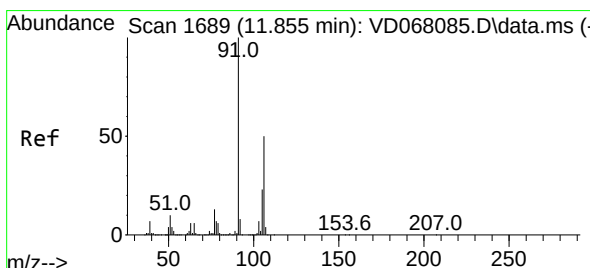
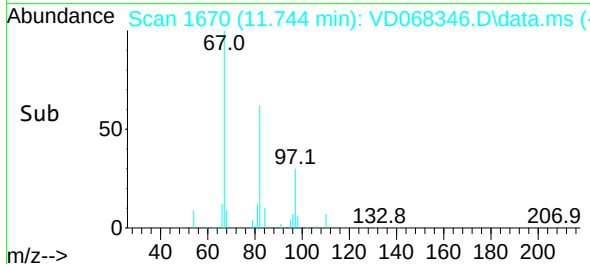
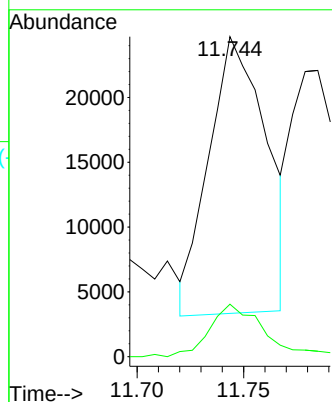
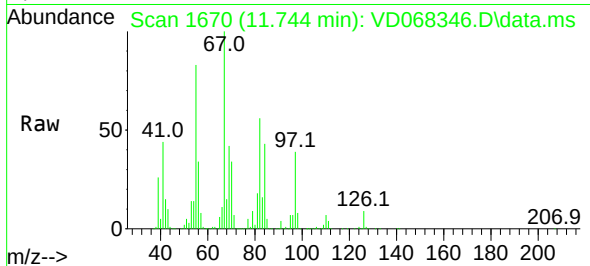




#67  
Ethyl Benzene  
Concen: 1.40 ug/l  
RT: 11.744 min Scan# 1670  
Delta R.T. 0.000 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

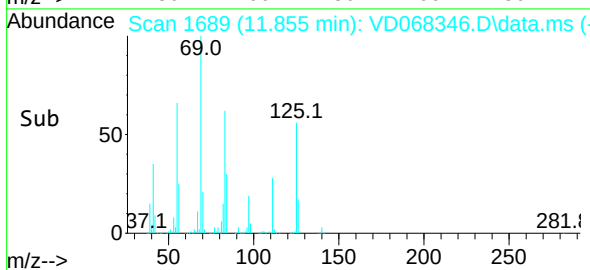
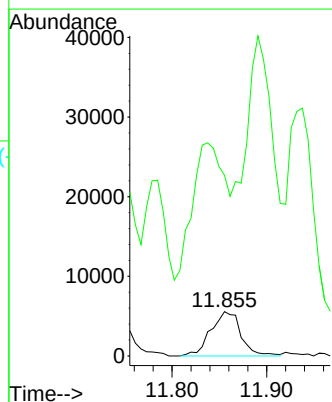
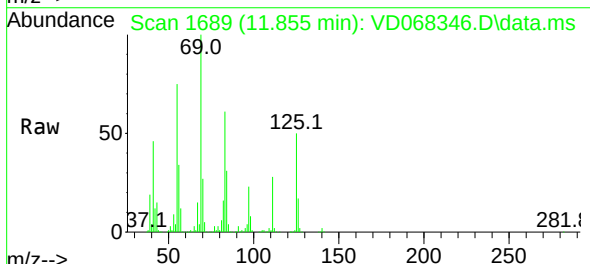
Instrument :  
MSVOA\_D  
ClientSampled :

Tgt Ion: 91 Resp: 39935  
Ion Ratio Lower Upper  
91 100  
106 19.3 25.9 38.9#

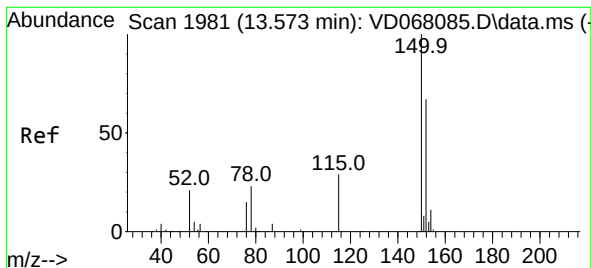


#68  
m/p-Xylenes  
Concen: 1.14 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. 0.000 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Tgt Ion:106 Resp: 12318  
Ion Ratio Lower Upper  
106 100  
91 448.4 159.1 238.7#



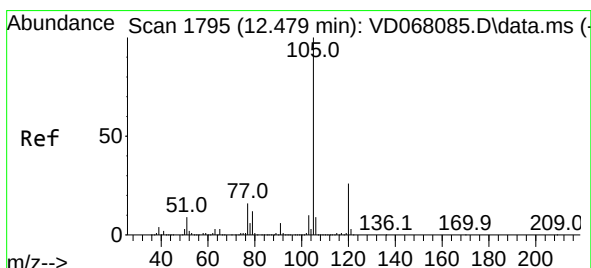
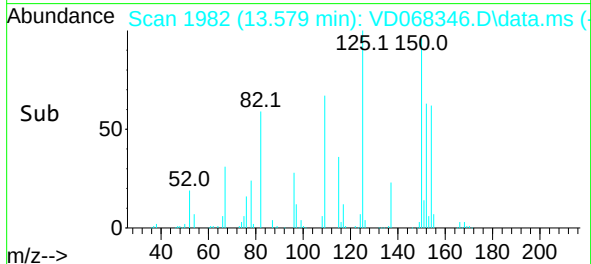
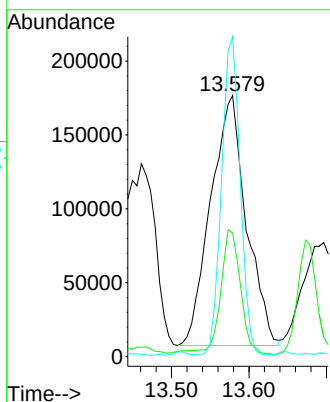
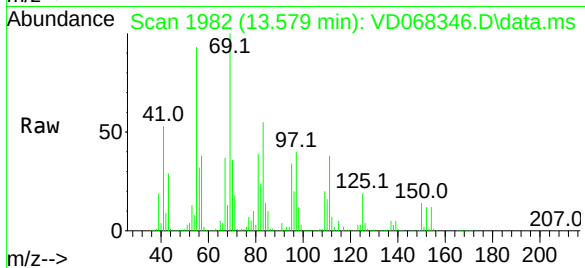




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.579 min Scan# 1982  
Delta R.T. 0.006 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

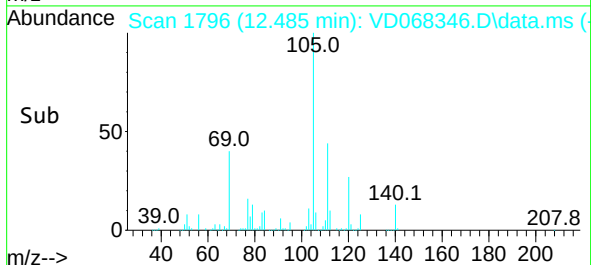
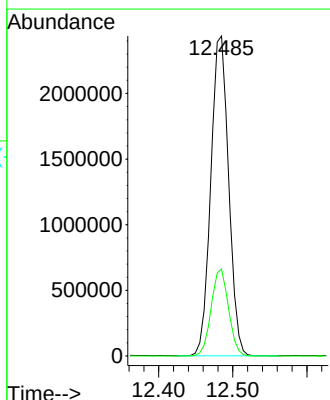
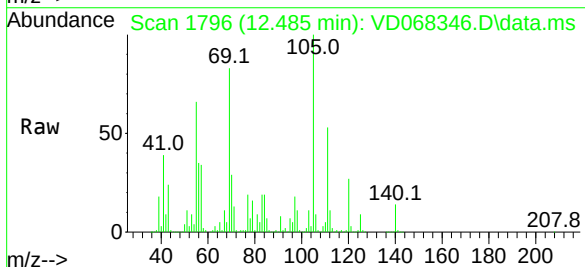
Instrument :  
MSVOA\_D  
ClientSampled :

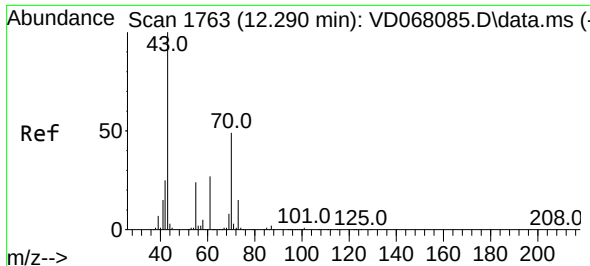
Tgt Ion:152 Resp: 541914  
Ion Ratio Lower Upper  
152 100  
115 29.1 28.9 86.8  
150 66.2 0.0 344.4



#73  
Isopropylbenzene  
Concen: 90.35 ug/l  
RT: 12.485 min Scan# 1796  
Delta R.T. 0.006 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

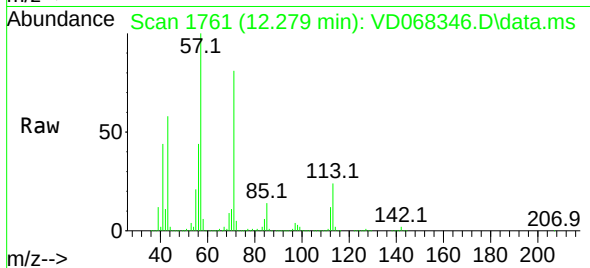
Tgt Ion:105 Resp: 4074164  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.2 39.6



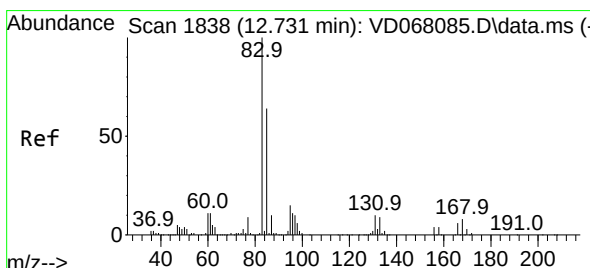
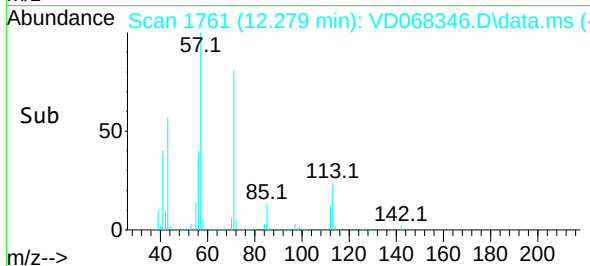
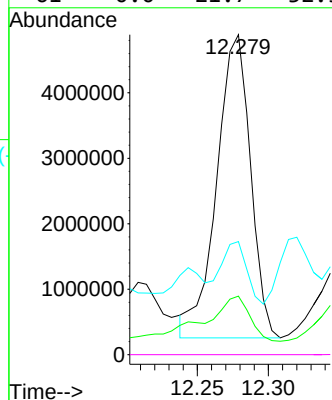


#74  
N-amy1 acetate  
Concen: 817.49 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.011 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Instrument :  
MSVOA\_D  
ClientSampleId :

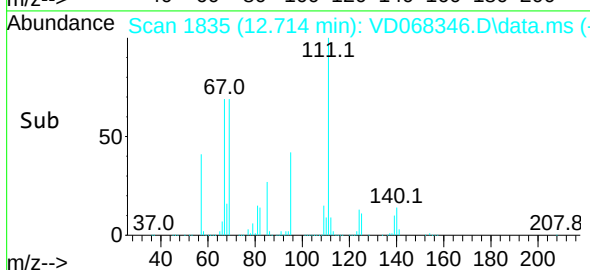
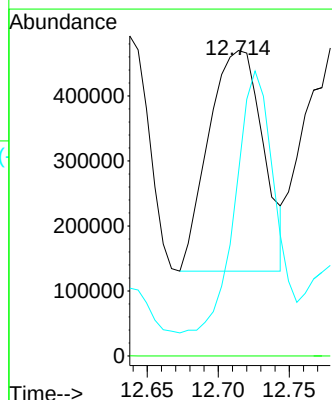
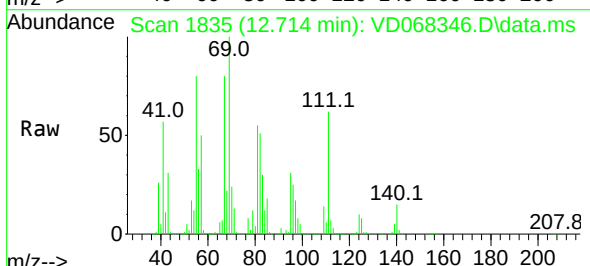


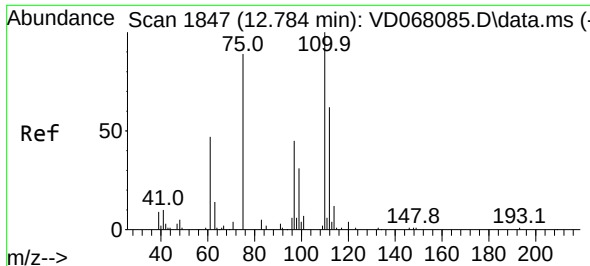
Tgt Ion: 43 Resp: 7662256  
Ion Ratio Lower Upper  
43 100  
70 20.6 41.8 62.8#  
55 29.5 24.2 36.4  
61 0.0 21.7 32.5#



#75  
1,1,2,2-Tetrachloroethane  
Concen: 126.54 ug/l  
RT: 12.714 min Scan# 1835  
Delta R.T. -0.017 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Tgt Ion: 83 Resp: 907555  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.8 17.4#  
85 84.5 32.4 97.2

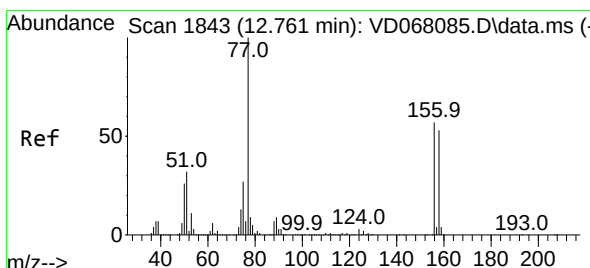
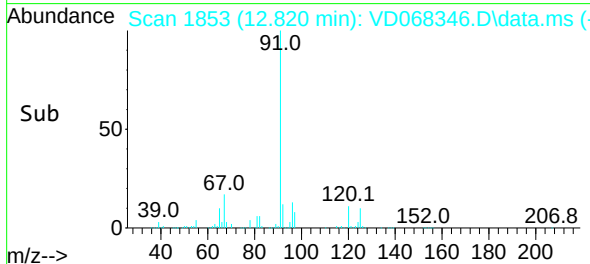
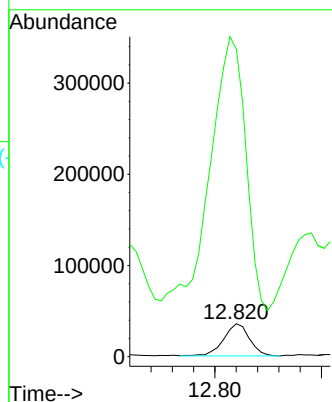
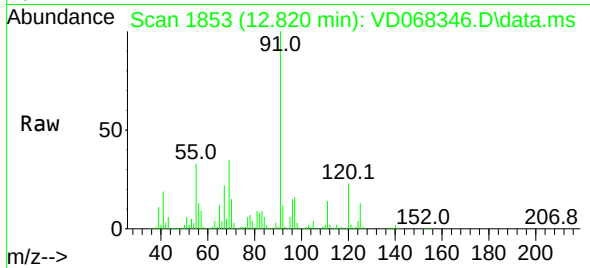




#76  
1,2,3-Trichloropropane  
Concen: 11.25 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. 0.036 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

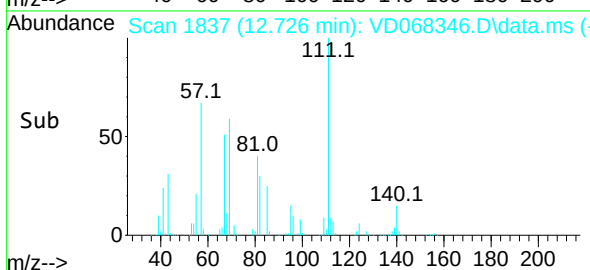
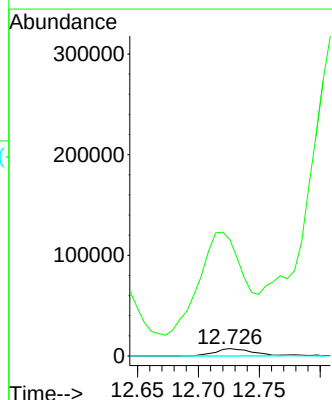
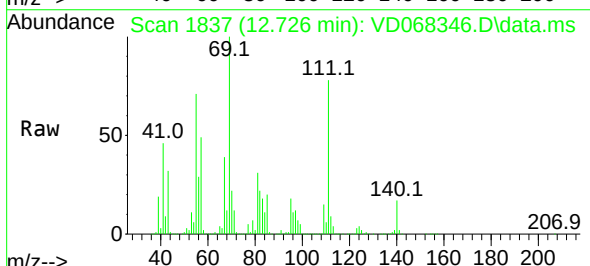
Instrument :  
MSVOA\_D  
ClientSampled :

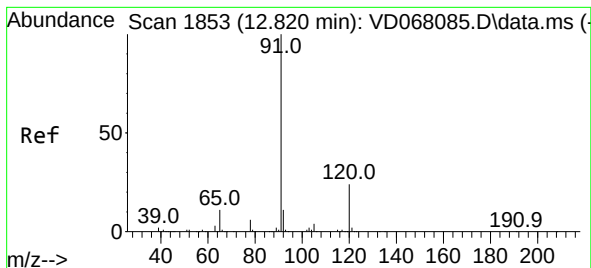
Tgt Ion: 75 Resp: 58962  
Ion Ratio Lower Upper  
75 100  
77 1215.7 0.0 0.0#



#77  
Bromobenzene  
Concen: 1.61 ug/l  
RT: 12.726 min Scan# 1837  
Delta R.T. -0.035 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Tgt Ion:156 Resp: 15572  
Ion Ratio Lower Upper  
156 100  
77 1683.8 82.8 248.3#  
158 0.0 48.0 144.0#

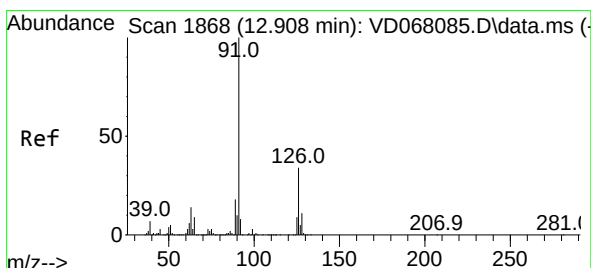
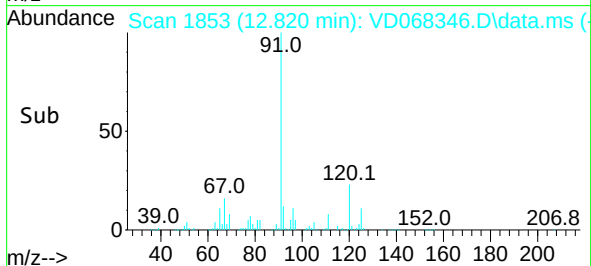
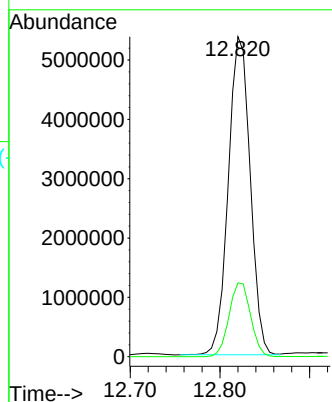
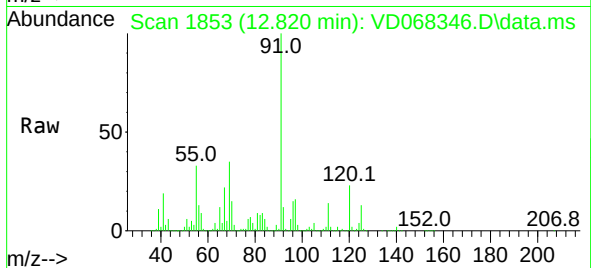




#78  
n-propylbenzene  
Concen: 170.12 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

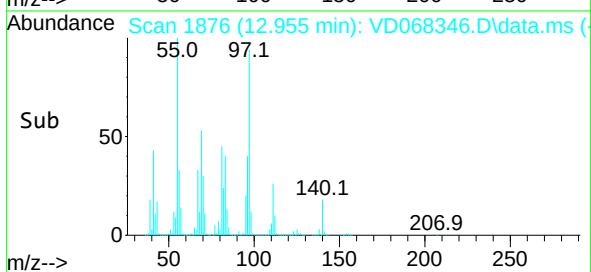
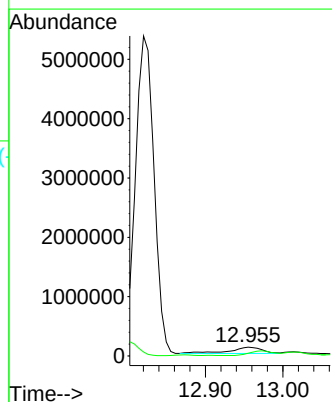
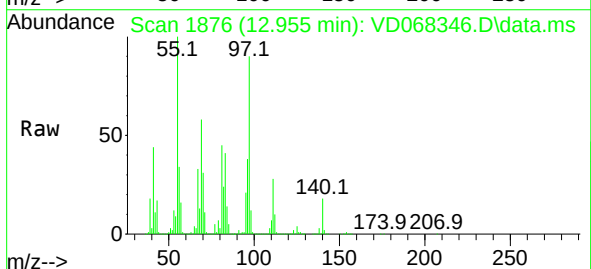
Instrument :  
MSVOA\_D  
ClientSampled :

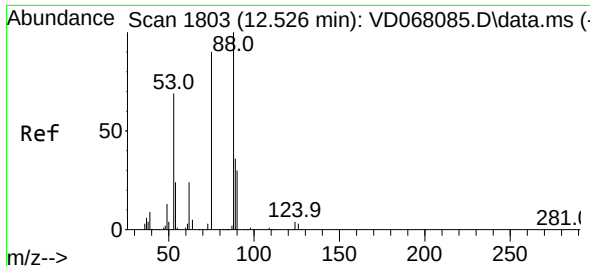
Tgt Ion: 91 Resp: 9075496  
Ion Ratio Lower Upper  
91 100  
120 22.8 12.0 36.0



#79  
2-Chlorotoluene  
Concen: 10.80 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. 0.047 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Tgt Ion: 91 Resp: 323553  
Ion Ratio Lower Upper  
91 100  
126 51.2 17.8 53.5

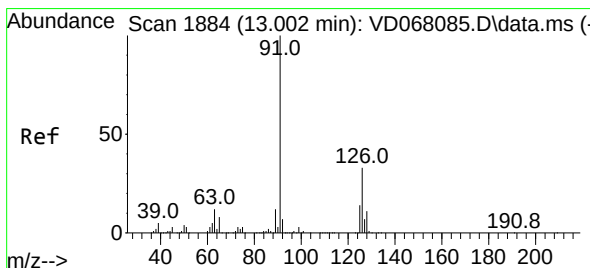
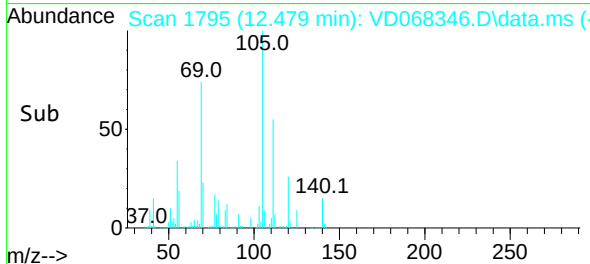
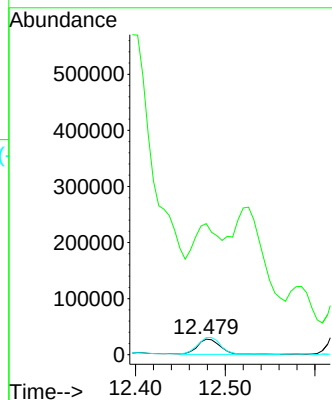
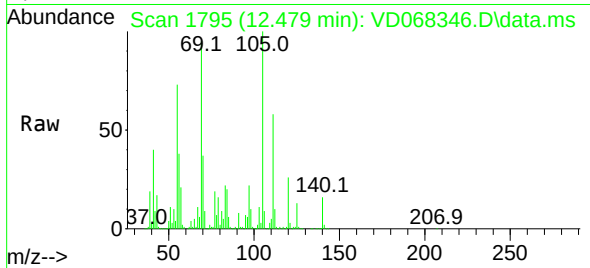




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.56 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. -0.047 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

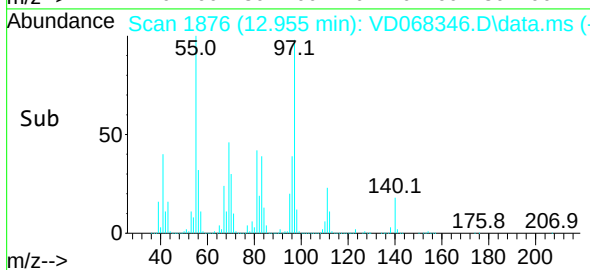
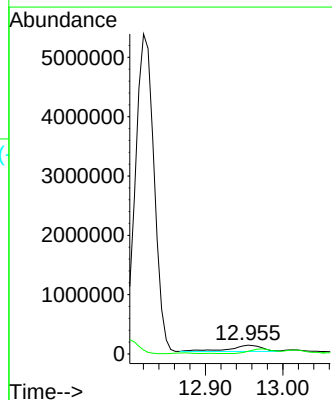
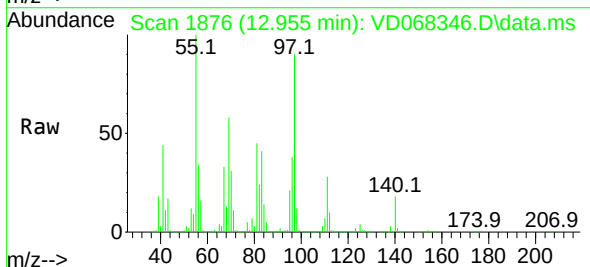
Instrument :  
MSVOA\_D  
ClientSampled :

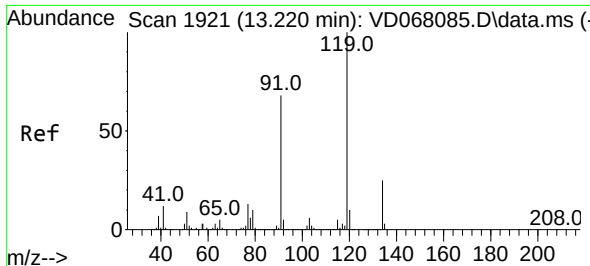
Tgt Ion: 75 Resp: 48055  
Ion Ratio Lower Upper  
75 100  
53 449.9 70.2 105.2#  
89 104.8 40.3 60.5#



#82  
4-Chlorotoluene  
Concen: 10.46 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. -0.047 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

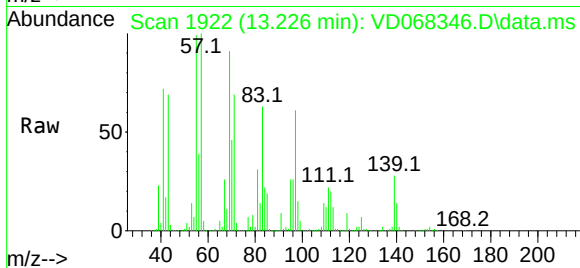
Tgt Ion: 91 Resp: 325689  
Ion Ratio Lower Upper  
91 100  
126 50.8 17.7 53.1



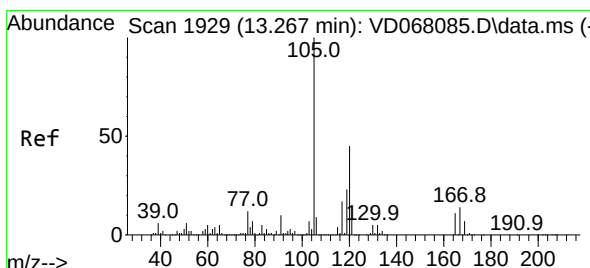
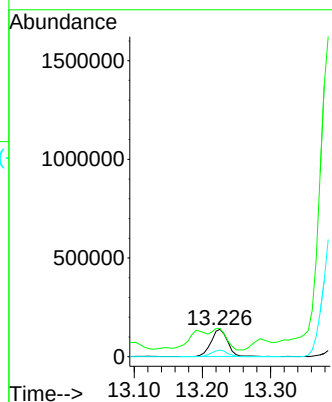
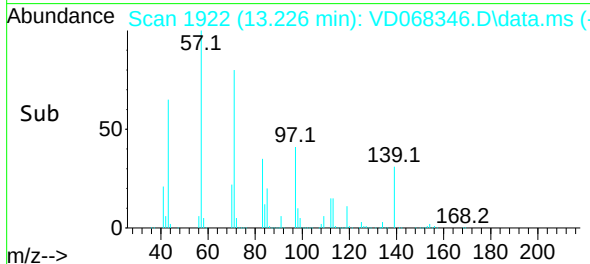


#83  
tert-Butylbenzene  
Concen: 7.37 ug/l  
RT: 13.226 min Scan# 1922  
Delta R.T. 0.006 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

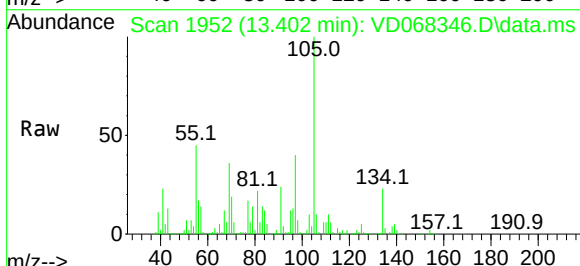
Instrument :  
MSVOA\_D  
ClientSampled :



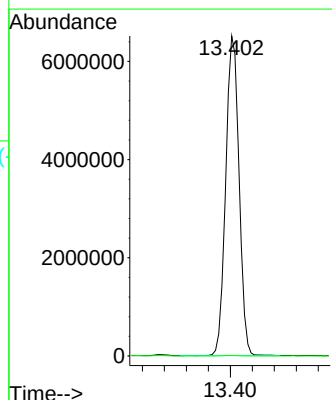
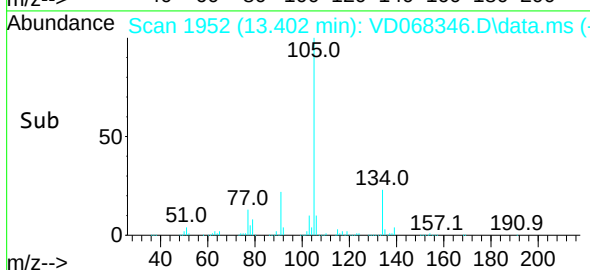
Tgt Ion:119 Resp: 234646  
Ion Ratio Lower Upper  
119 100  
91 68.9 31.1 93.5  
134 0.0 13.3 39.8#

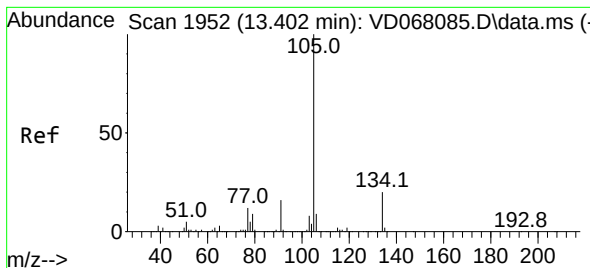


#84  
1,2,4-Trimethylbenzene  
Concen: 293.69 ug/l  
RT: 13.402 min Scan# 1952  
Delta R.T. 0.136 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01



Tgt Ion:105 Resp:10947763  
Ion Ratio Lower Upper  
105 100  
120 0.2 22.4 67.0#

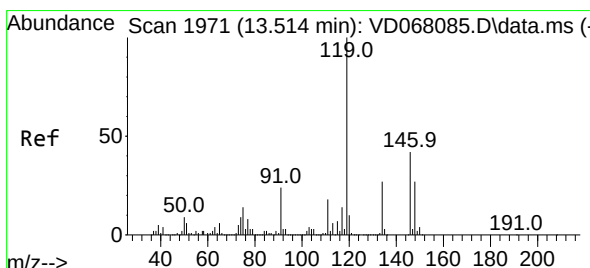
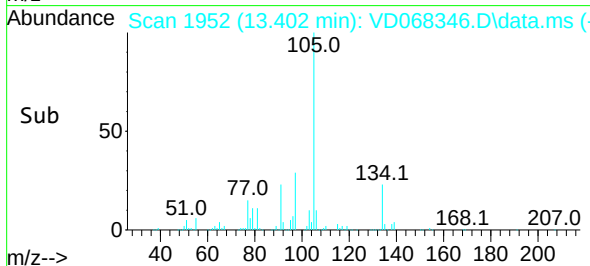
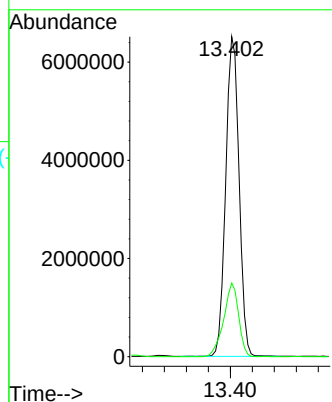
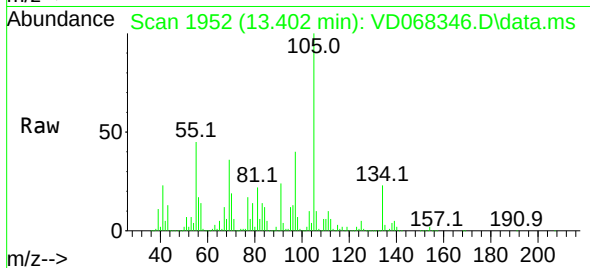




#85  
 sec-Butylbenzene  
 Concen: 245.94 ug/l  
 RT: 13.402 min Scan# 1952  
 Delta R.T. 0.000 min  
 Lab File: VD068346.D  
 Acq: 10 Feb 2021 15:01

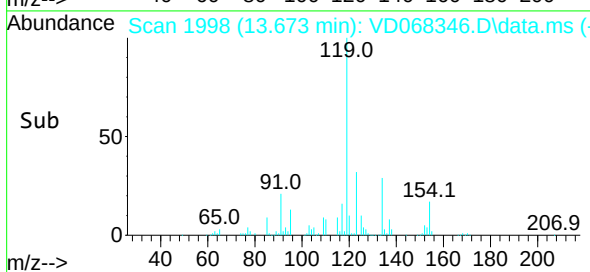
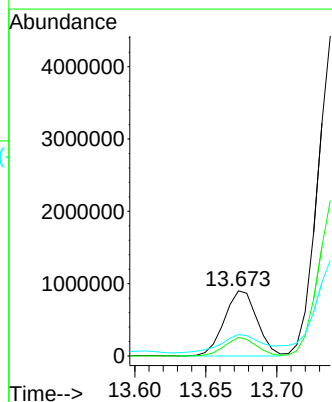
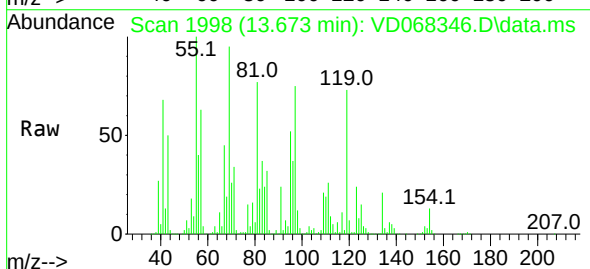
Instrument :  
 MSVOA\_D  
 ClientSampled :

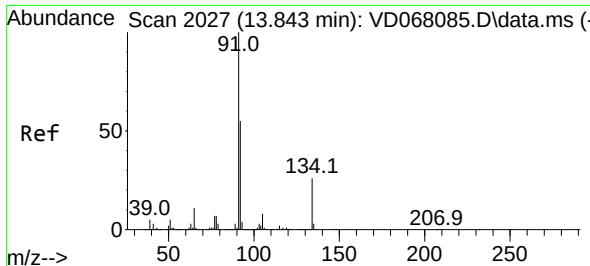
Tgt Ion:105 Resp:10947763  
 Ion Ratio Lower Upper  
 105 100  
 134 25.8 10.3 30.9



#86  
 p-Isopropyltoluene  
 Concen: 35.50 ug/l  
 RT: 13.673 min Scan# 1998  
 Delta R.T. 0.159 min  
 Lab File: VD068346.D  
 Acq: 10 Feb 2021 15:01

Tgt Ion:119 Resp: 1437296  
 Ion Ratio Lower Upper  
 119 100  
 134 27.5 12.9 38.7  
 91 36.8 11.7 35.0#

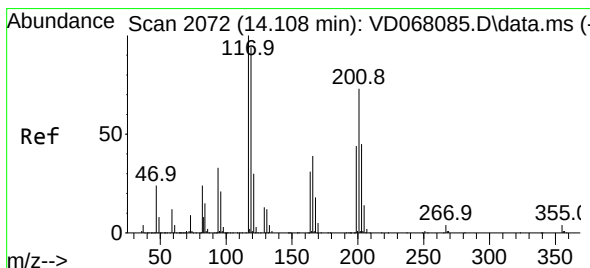
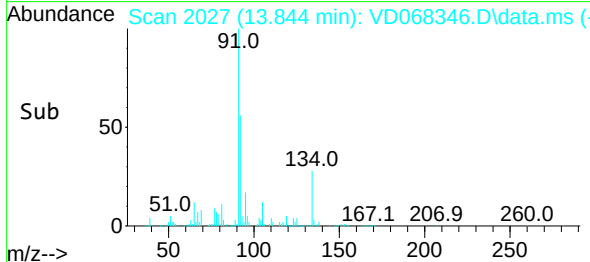
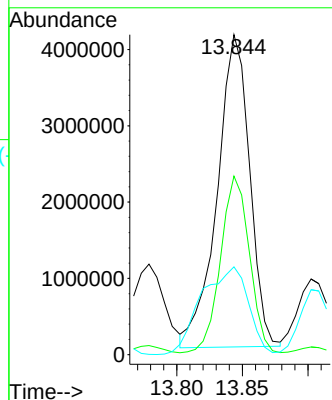
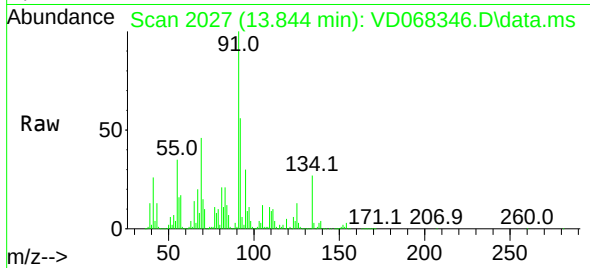




#89  
n-Butylbenzene  
Concen: 181.36 ug/l  
RT: 13.844 min Scan# 2027  
Delta R.T. 0.000 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

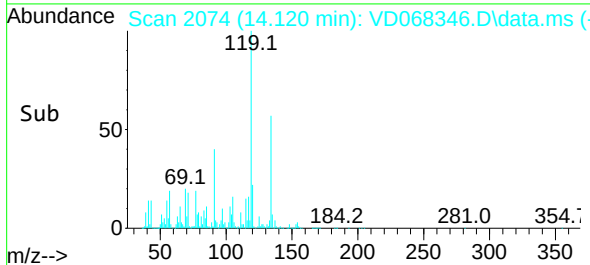
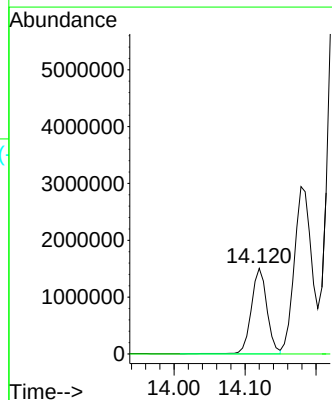
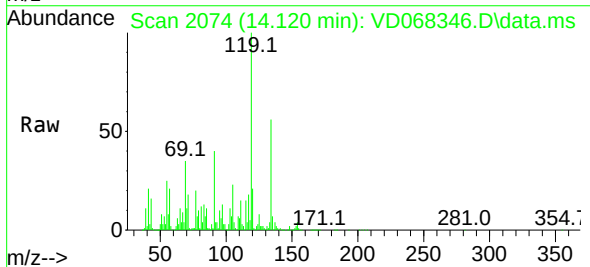
Instrument :  
MSVOA\_D  
ClientSampled :

Tgt Ion: 91 Resp: 7046488  
Ion Ratio Lower Upper  
91 100  
92 50.3 27.2 81.6  
134 40.7 13.9 41.7

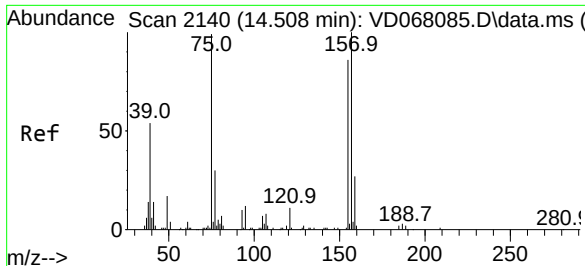


#90  
Hexachloroethane  
Concen: 314.46 ug/l  
RT: 14.120 min Scan# 2074  
Delta R.T. 0.012 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Tgt Ion: 117 Resp: 2299726  
Ion Ratio Lower Upper  
117 100  
201 0.0 39.5 118.5#



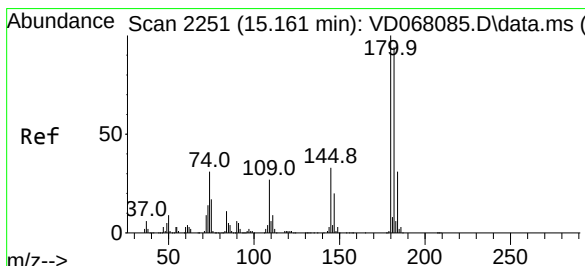
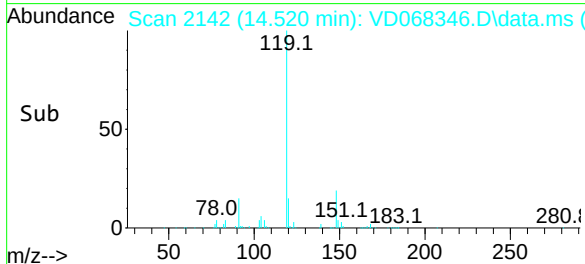
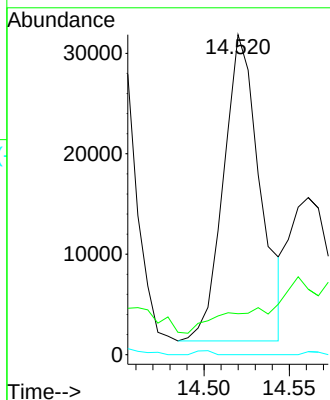
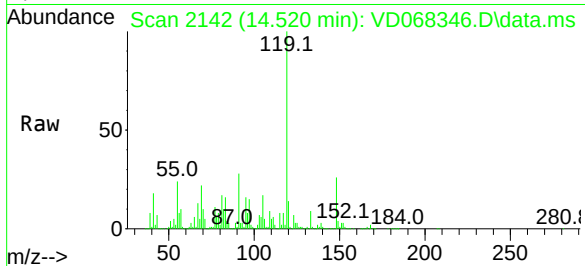




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 38.69 ug/l  
 RT: 14.520 min Scan# 2142  
 Delta R.T. 0.012 min  
 Lab File: VD068346.D  
 Acq: 10 Feb 2021 15:01

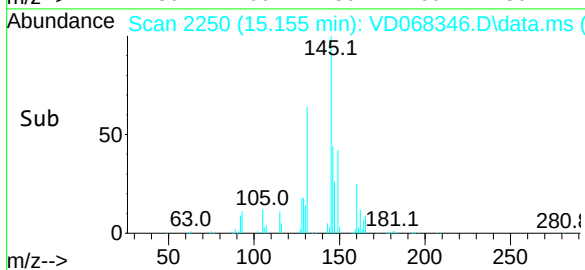
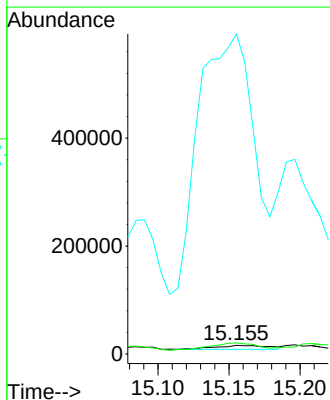
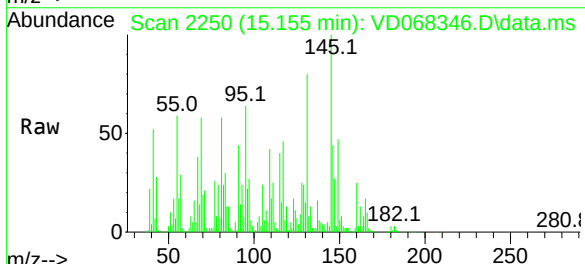
Instrument :  
 MSVOA\_D  
 ClientSampled :

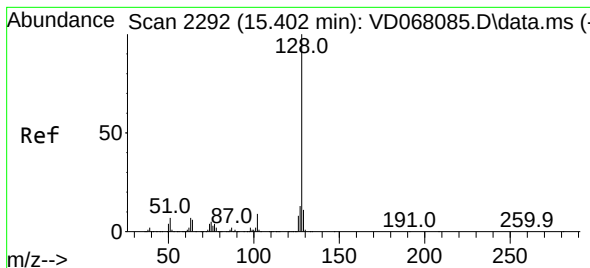
Tgt Ion: 75 Resp: 45417  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 48.0 144.2#  
 157 0.6 65.0 194.8#



#93  
 1,2,4-Trichlorobenzene  
 Concen: 1.71 ug/l  
 RT: 15.155 min Scan# 2250  
 Delta R.T. -0.006 min  
 Lab File: VD068346.D  
 Acq: 10 Feb 2021 15:01

Tgt Ion: 180 Resp: 18665  
 Ion Ratio Lower Upper  
 180 100  
 182 177.9 46.8 140.4#  
 145 9445.2 15.2 45.5#

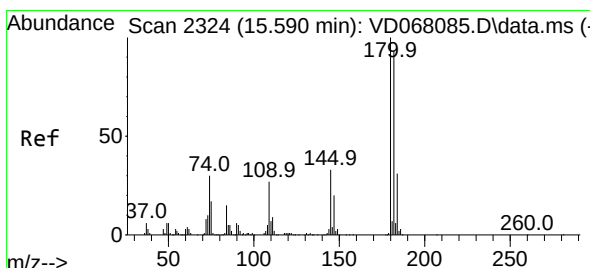
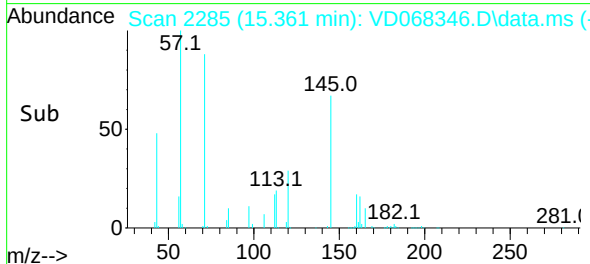
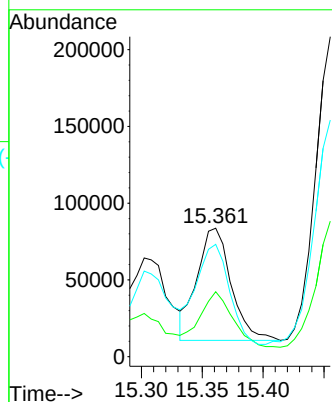
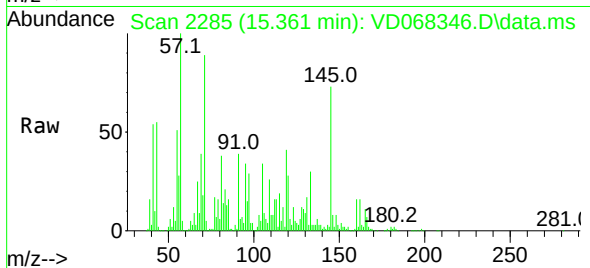




#95  
Naphthalene  
Concen: 6.98 ug/l  
RT: 15.361 min Scan# 2285  
Delta R.T. -0.041 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Instrument :  
MSVOA\_D  
ClientSampled :

Tgt Ion:128 Resp: 142865  
Ion Ratio Lower Upper  
128 100  
127 47.6 10.2 15.2#  
129 87.7 8.8 13.2#



#96  
1,2,3-Trichlorobenzene  
Concen: 2.66 ug/l  
RT: 15.614 min Scan# 2328  
Delta R.T. 0.024 min  
Lab File: VD068346.D  
Acq: 10 Feb 2021 15:01

Tgt Ion:180 Resp: 24531  
Ion Ratio Lower Upper  
180 100  
182 0.0 48.3 144.8#  
145 0.0 16.7 50.1#

