

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD061721\  
 Data File : VD069490.D  
 Acq On : 17 Jun 2021 20:06  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 18 01:29:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D061121S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 11 12:50:13 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 7.979  | 168   | 317479   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861  | 114   | 568346   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.638 | 117   | 535293   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.573 | 152   | 274088   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.332  | 65    | 211297   | 58.994   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =     | 117.980% |
| 35) Dibromofluoromethane     | 7.914  | 113   | 208088   | 48.882   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =     | 97.760%  |
| 50) Toluene-d8               | 10.338 | 98    | 818143   | 52.548   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =     | 105.100% |
| 62) 4-Bromofluorobenzene     | 12.626 | 95    | 253561   | 50.756   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =     | 101.520% |
| Target Compounds             |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.991  | 85    | 147886   | 46.755   | ug/l  | 99       |
| 3) Chloromethane             | 2.209  | 50    | 166858   | 52.736   | ug/l  | 99       |
| 4) Vinyl Chloride            | 2.350  | 62    | 205995   | 53.829   | ug/l  | 99       |
| 5) Bromomethane              | 2.762  | 94    | 160495   | 55.427   | ug/l  | 89       |
| 6) Chloroethane              | 2.920  | 64    | 144591   | 54.918   | ug/l  | 99       |
| 7) Trichlorofluoromethane    | 3.273  | 101   | 312897   | 49.989   | ug/l  | 96       |
| 8) Diethyl Ether             | 3.715  | 74    | 98026    | 62.380   | ug/l  | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.091  | 101   | 190837   | 51.270   | ug/l  | 98       |
| 10) Methyl Iodide            | 4.297  | 142   | 169471   | 44.509   | ug/l  | 98       |
| 11) Tert butyl alcohol       | 5.226  | 59    | 66000    | 354.444  | ug/l  | 99       |
| 12) 1,1-Dichloroethene       | 4.067  | 96    | 178483   | 53.008   | ug/l  | 95       |
| 13) Acrolein                 | 3.920  | 56    | 77814    | 335.210  | ug/l  | 95       |
| 14) Allyl chloride           | 4.709  | 41    | 231000   | 58.331   | ug/l  | 98       |
| 15) Acrylonitrile            | 5.420  | 53    | 206488   | 341.996  | ug/l  | 99       |
| 16) Acetone                  | 4.156  | 43    | 161942   | 273.159  | ug/l  | 100      |
| 17) Carbon Disulfide         | 4.409  | 76    | 581140   | 53.357   | ug/l  | 99       |
| 18) Methyl Acetate           | 4.720  | 43    | 98374    | 69.223   | ug/l  | 99       |
| 19) Methyl tert-butyl Ether  | 5.479  | 73    | 415025   | 67.605   | ug/l  | 96       |
| 20) Methylene Chloride       | 4.962  | 84    | 285248   | 68.288   | ug/l  | 96       |
| 21) trans-1,2-Dichloroethene | 5.473  | 96    | 231495   | 58.721   | ug/l  | 97       |
| 22) Diisopropyl ether        | 6.367  | 45    | 525626   | 66.756   | ug/l  | 95       |
| 23) Vinyl Acetate            | 6.303  | 43    | 1581225  | 307.912  | ug/l  | 100      |
| 24) 1,1-Dichloroethane       | 6.261  | 63    | 385470   | 58.807   | ug/l  | 99       |
| 25) 2-Butanone               | 7.214  | 43    | 242666   | 328.260  | ug/l  | 96       |
| 26) 2,2-Dichloropropane      | 7.208  | 77    | 291782   | 50.522   | ug/l  | 100      |
| 27) cis-1,2-Dichloroethene   | 7.214  | 96    | 281551   | 65.980   | ug/l  | 96       |
| 28) Bromochloromethane       | 7.544  | 49    | 161710   | 67.343   | ug/l  | 99       |
| 29) Tetrahydrofuran          | 7.561  | 42    | 153974   | 370.114  | ug/l  | 100      |
| 30) Chloroform               | 7.708  | 83    | 397881   | 54.479   | ug/l  | 99       |
| 31) Cyclohexane              | 7.985  | 56    | 232876   | 47.848   | ug/l  | 98       |
| 32) 1,1,1-Trichloroethane    | 7.903  | 97    | 323324   | 50.394   | ug/l  | 98       |
| 36) 1,1-Dichloropropene      | 8.108  | 75    | 268066   | 45.295   | ug/l  | 99       |
| 37) Ethyl Acetate            | 7.291  | 43    | 123306   | 62.277   | ug/l  | # 95     |
| 38) Carbon Tetrachloride     | 8.097  | 117   | 280403   | 43.739   | ug/l  | 93       |
| 39) Methylcyclohexane        | 9.355  | 83    | 264241   | 44.390   | ug/l  | 96       |
| 40) Benzene                  | 8.350  | 78    | 867705   | 50.376   | ug/l  | 98       |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 18 01:29:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D061121S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 11 12:50:13 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 56772    | 57.635   | ug/l   | 93       |
| 42) 1,2-Dichloroethane        | 8.426  | 62   | 259211   | 54.844   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 223616   | 59.729   | ug/l   | 100      |
| 44) Trichloroethene           | 9.114  | 130  | 237375   | 49.415   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 220665   | 52.480   | ug/l   | 97       |
| 46) Dibromomethane            | 9.473  | 93   | 125790   | 52.211   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.661  | 83   | 309093   | 49.761   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.450  | 41   | 101114   | 59.388   | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 26023    | 1109.159 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 592280   | 310.074  | ug/l   | 99       |
| 52) Toluene                   | 10.402 | 92   | 587164   | 53.686   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.620 | 75   | 296970   | 55.816   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 304215   | 47.565   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 193714   | 58.168   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 215906   | 56.391   | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.944 | 76   | 316439   | 58.371   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 529568   | 275.323  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.979 | 43   | 427195   | 335.047  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.138 | 129  | 237548   | 55.969   | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.244 | 107  | 182672   | 57.103   | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.873 | 164  | 207393   | 50.096   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.667 | 112  | 607604   | 51.606   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 245099   | 54.236   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.743 | 91   | 1091332  | 55.270   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.849 | 106  | 806970   | 102.886  | ug/l   | 98       |
| 69) o-Xylene                  | 12.173 | 106  | 378205   | 54.496   | ug/l   | 99       |
| 70) Styrene                   | 12.191 | 104  | 672692   | 55.088   | ug/l   | 99       |
| 71) Bromoform                 | 12.355 | 173  | 122628   | 52.414   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.473 | 105  | 961420   | 49.892   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.285 | 43   | 196905   | 56.960   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 202932   | 54.851   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.779 | 75   | 211032   | 75.944   | ug/l # | 1        |
| 77) Bromobenzene              | 12.749 | 156  | 203833   | 42.189   | ug/l   | 96       |
| 78) n-propylbenzene           | 12.814 | 91   | 1012295  | 42.807   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.902 | 91   | 635528   | 47.278   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.955 | 105  | 782890   | 48.193   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 55772    | 53.543   | ug/l   | 91       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 672192   | 46.986   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.220 | 119  | 642572   | 46.464   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 893496   | 55.014   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.390 | 105  | 966289   | 47.529   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 892840   | 50.551   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 489920   | 50.633   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 481340   | 49.941   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.832 | 91   | 799966   | 48.688   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.102 | 117  | 173620   | 50.502   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 427597   | 50.653   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 33046    | 59.310   | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 248102   | 50.510   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 135091   | 43.983   | ug/l   | 99       |
| 95) Naphthalene               | 15.390 | 128  | 433166   | 45.930   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 228546   | 53.591   | ug/l   | 99       |

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Data File : VD069490.D  
Acq On : 17 Jun 2021 20:06  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 22 Sample Multiplier: 1

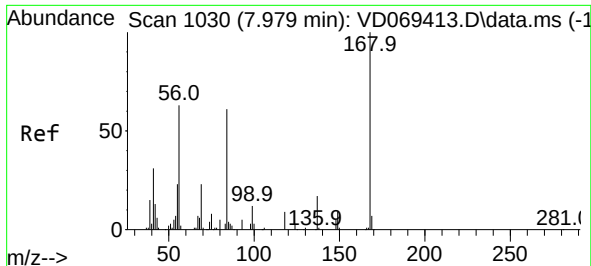
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Jun 18 01:29:30 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D061121S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 11 12:50:13 2021  
Response via : Initial Calibration

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

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

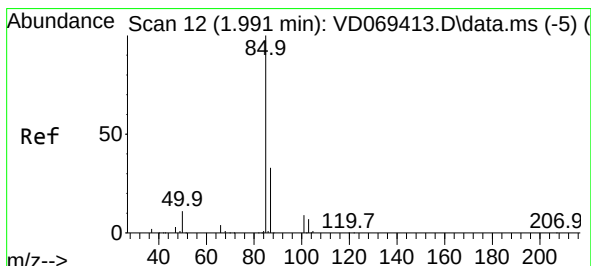
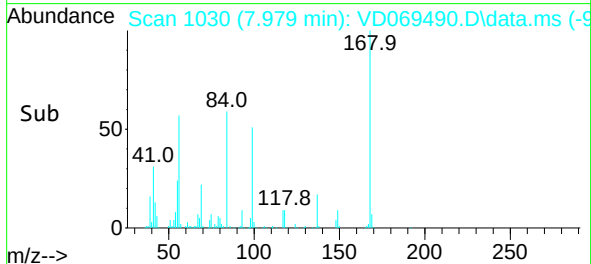
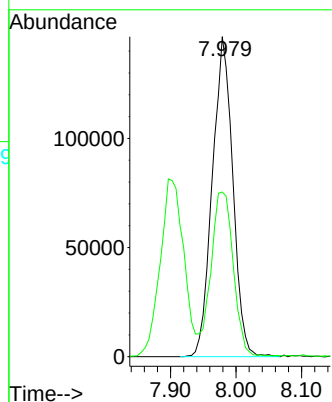
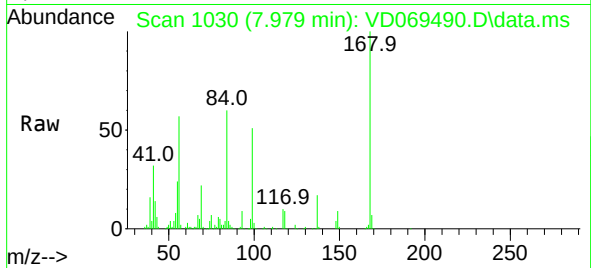




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

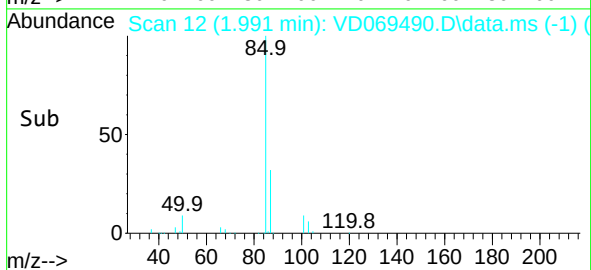
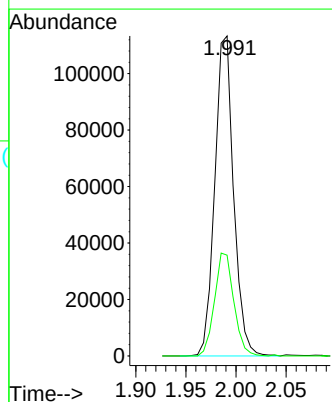
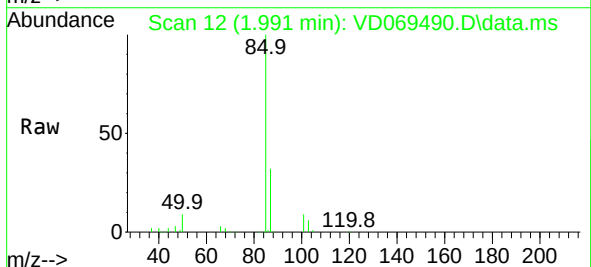
Instrument :  
MSVOA\_D  
ClientSampled :

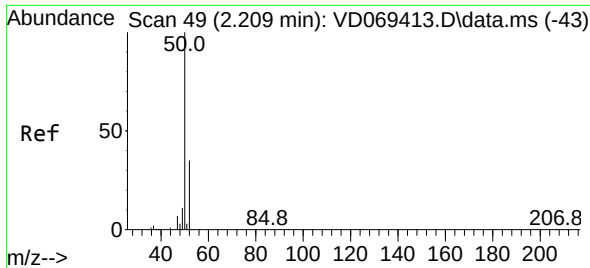
Tgt Ion:168 Resp: 317479  
Ion Ratio Lower Upper  
168 100  
99 51.1 46.2 69.2



#2  
Dichlorodifluoromethane  
Concen: 46.755 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 85 Resp: 147886  
Ion Ratio Lower Upper  
85 100  
87 31.5 15.9 47.7

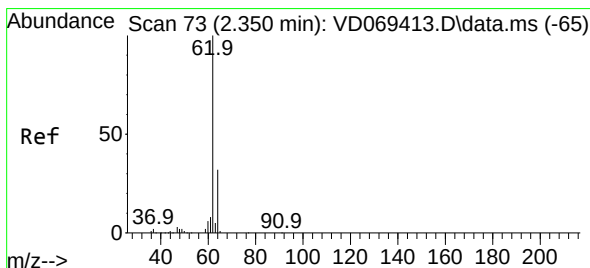
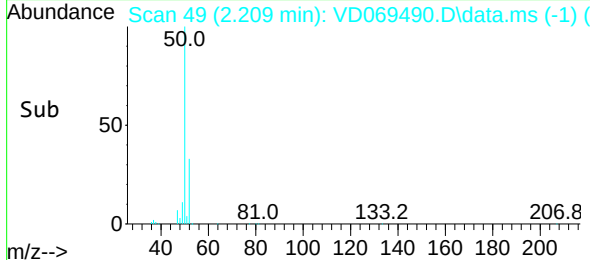
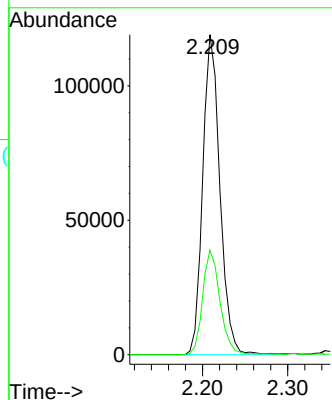
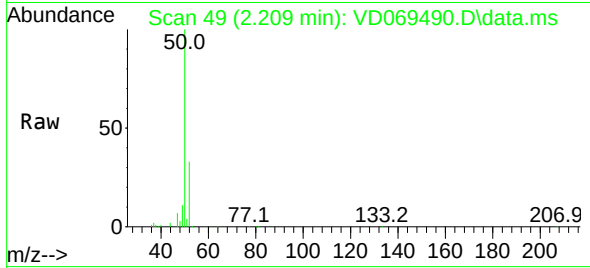




#3  
Chloromethane  
Concen: 52.736 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

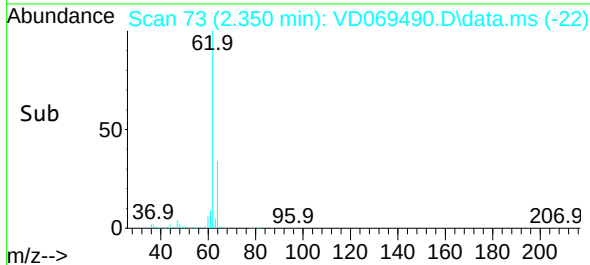
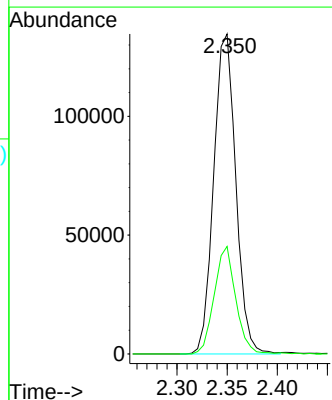
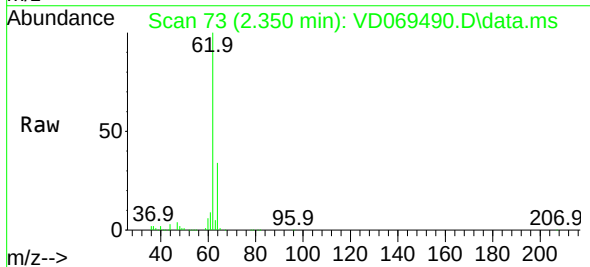
Instrument :  
MSVOA\_D  
ClientSampled :

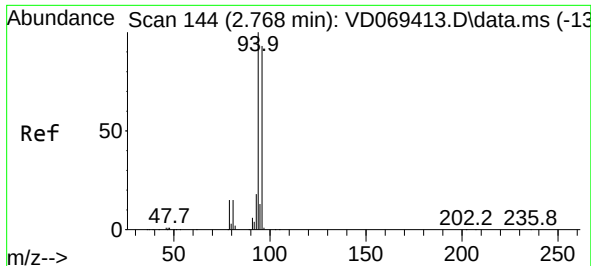
Tgt Ion: 50 Resp: 166858  
Ion Ratio Lower Upper  
50 100  
52 32.6 26.7 40.1



#4  
Vinyl Chloride  
Concen: 53.829 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 62 Resp: 205995  
Ion Ratio Lower Upper  
62 100  
64 33.6 26.2 39.4

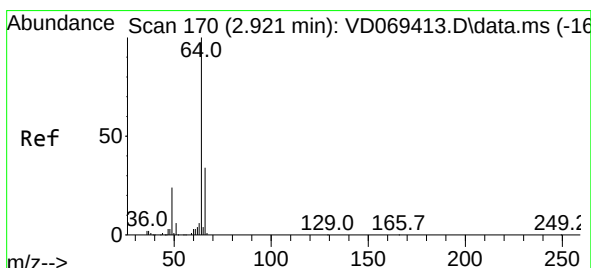
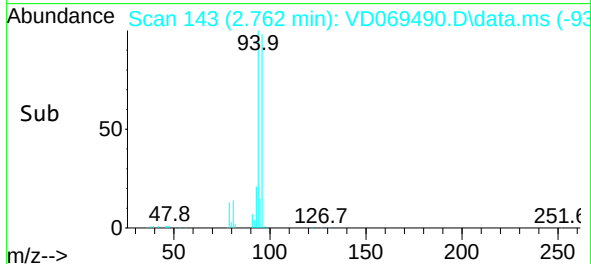
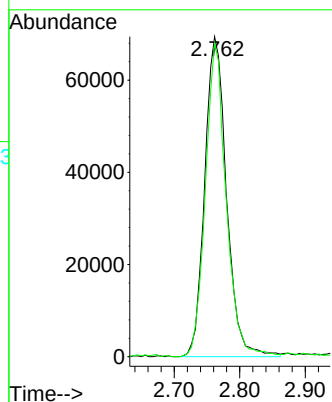
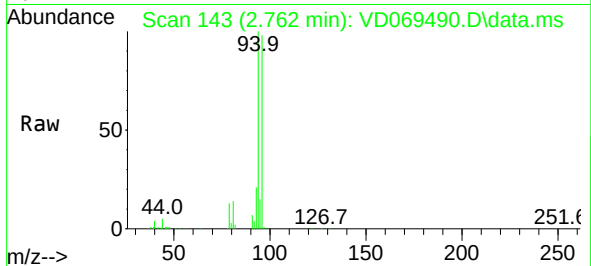




#5  
Bromomethane  
Concen: 55.427 ug/l  
RT: 2.762 min Scan# 143  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

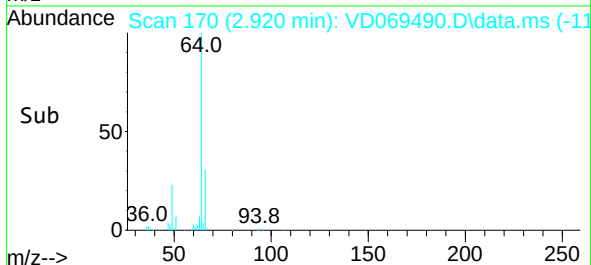
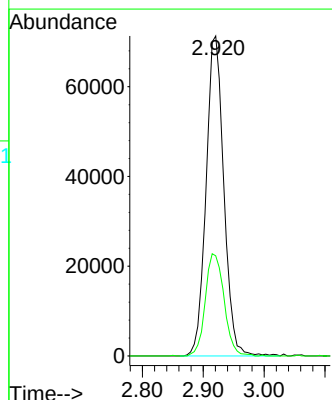
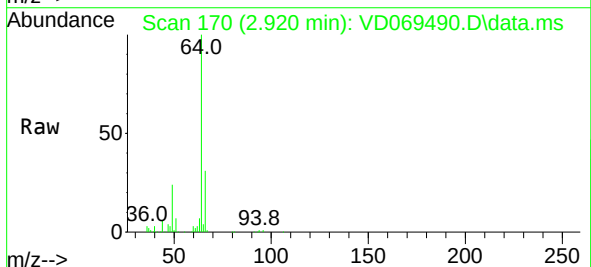
Instrument :  
MSVOA\_D  
ClientSampleId :

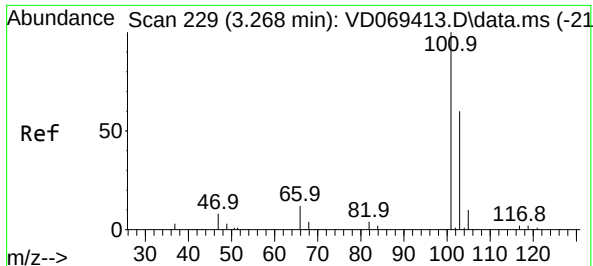
Tgt Ion: 94 Resp: 160495  
Ion Ratio Lower Upper  
94 100  
96 98.1 70.3 105.5



#6  
Chloroethane  
Concen: 54.918 ug/l  
RT: 2.920 min Scan# 170  
Delta R.T. -0.001 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 64 Resp: 144591  
Ion Ratio Lower Upper  
64 100  
66 31.3 25.4 38.0

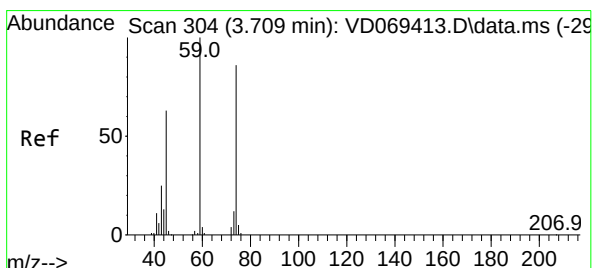
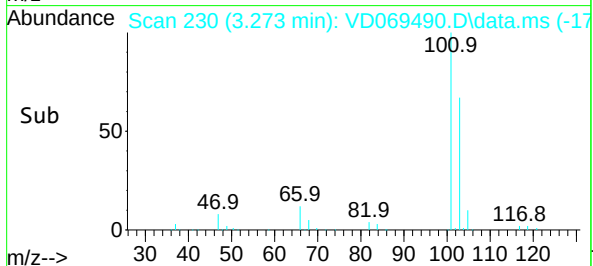
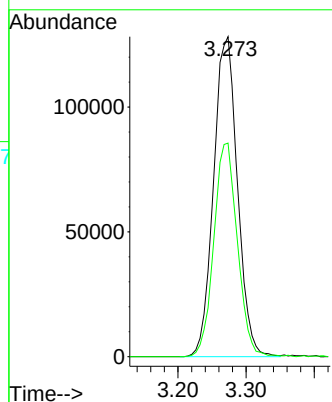
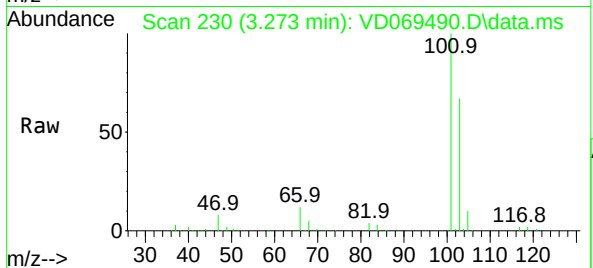




#7  
Trichlorofluoromethane  
Concen: 49.989 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. 0.005 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

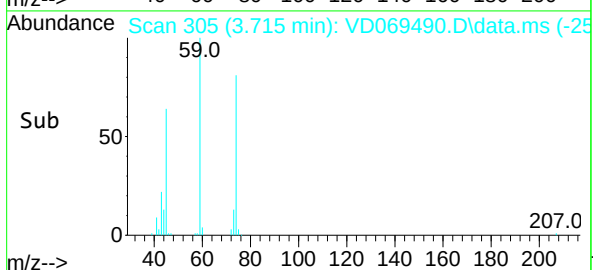
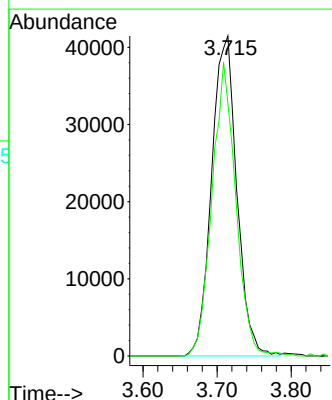
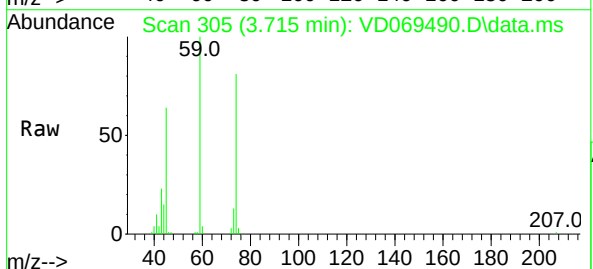
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:101 Resp: 312897  
Ion Ratio Lower Upper  
101 100  
103 66.8 51.0 76.4

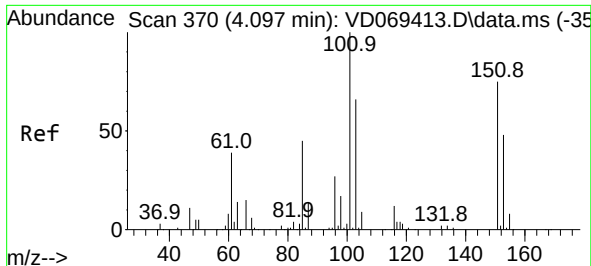


#8  
Diethyl Ether  
Concen: 62.380 ug/l  
RT: 3.715 min Scan# 305  
Delta R.T. 0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 74 Resp: 98026  
Ion Ratio Lower Upper  
74 100  
45 86.5 42.4 127.3



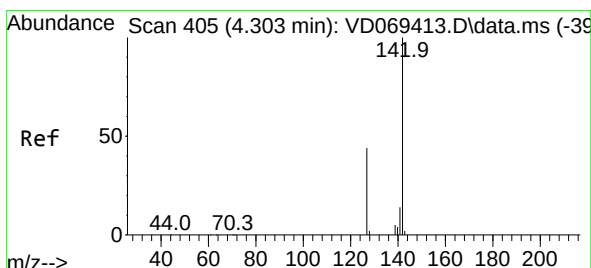
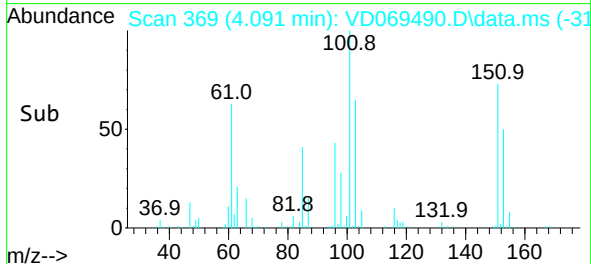
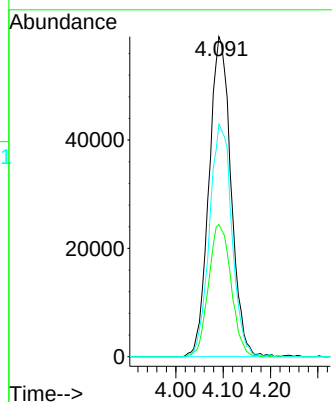
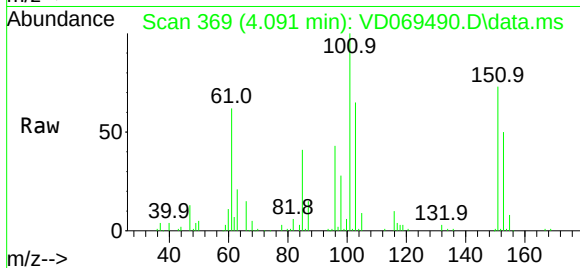




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 51.270 ug/l  
RT: 4.091 min Scan# 369  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

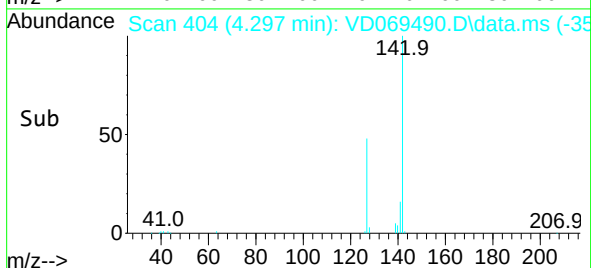
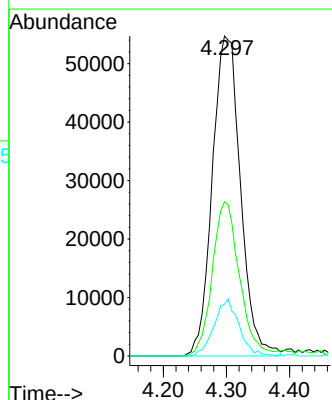
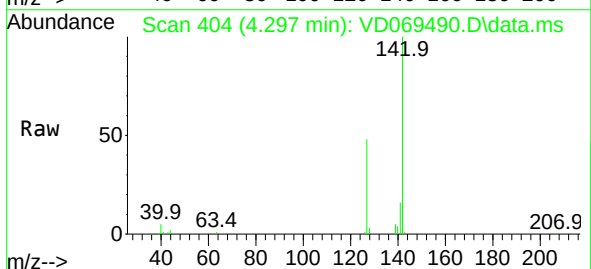
Instrument :  
MSVOA\_D  
ClientSampled :

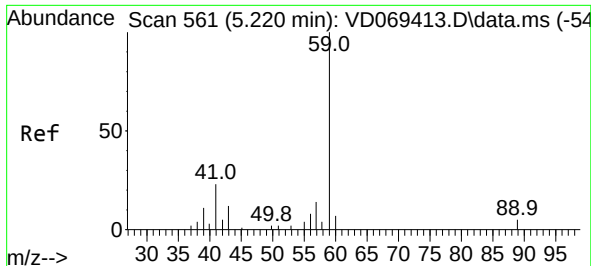
Tgt Ion:101 Resp: 190837  
Ion Ratio Lower Upper  
101 100  
85 42.2 35.1 52.7  
151 74.0 60.2 90.2



#10  
Methyl Iodide  
Concen: 44.509 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion:142 Resp: 169471  
Ion Ratio Lower Upper  
142 100  
127 46.3 36.2 54.2  
141 15.6 12.2 18.2

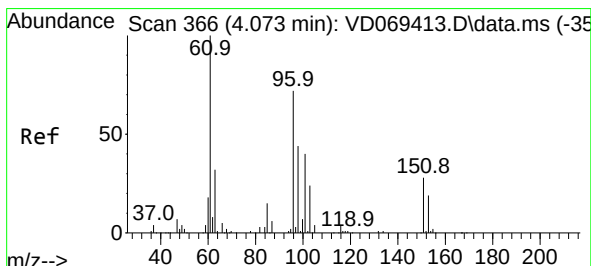
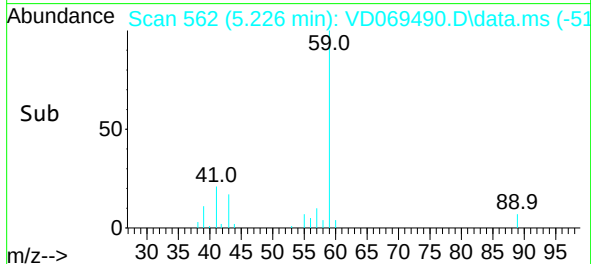
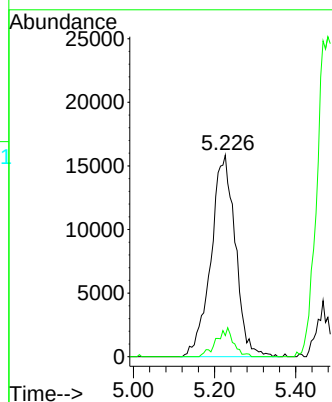
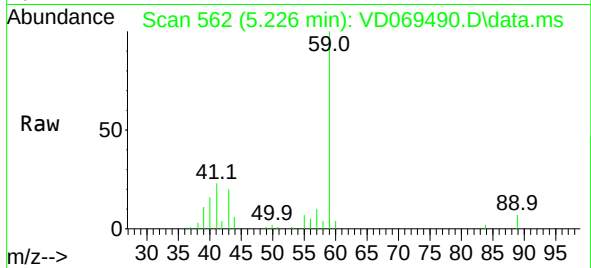




#11  
Tert butyl alcohol  
Concen: 354.444 ug/l  
RT: 5.226 min Scan# 562  
Delta R.T. 0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

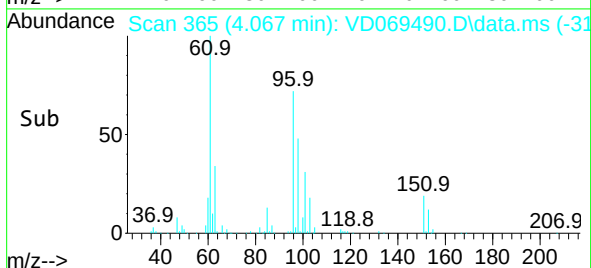
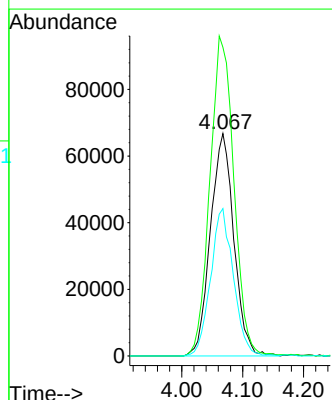
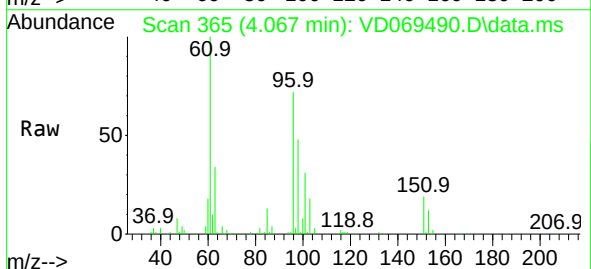
Instrument :  
MSVOA\_D  
ClientSampled :

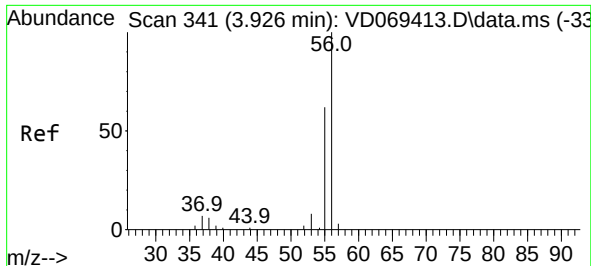
Tgt Ion: 59 Resp: 66000  
Ion Ratio Lower Upper  
59 100  
57 10.1 7.8 11.8



#12  
1,1-Dichloroethene  
Concen: 53.008 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 96 Resp: 178483  
Ion Ratio Lower Upper  
96 100  
61 138.8 116.5 174.7  
98 66.3 50.8 76.2

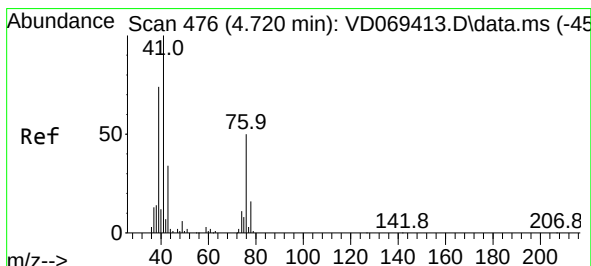
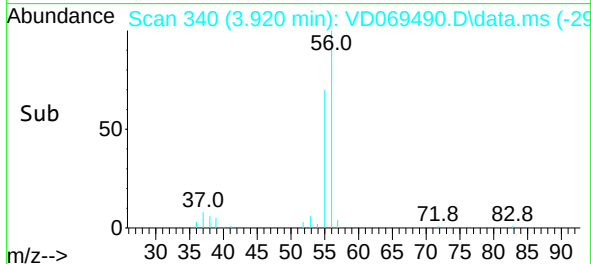
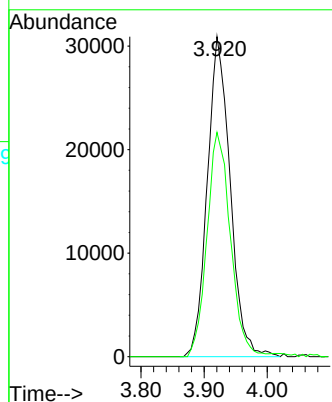
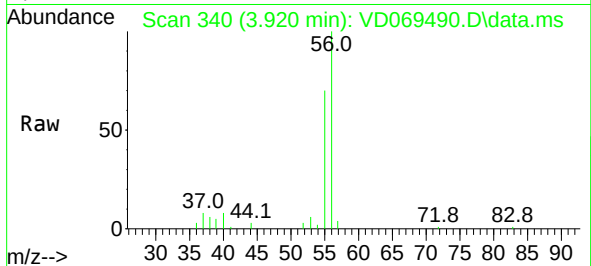




#13  
Acrolein  
Concen: 335.210 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

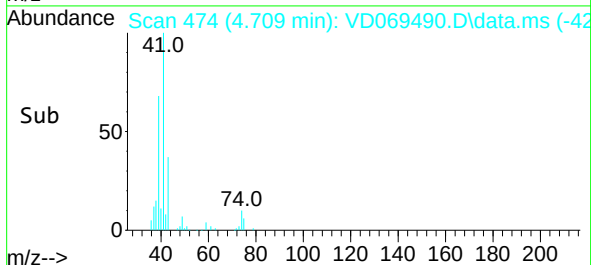
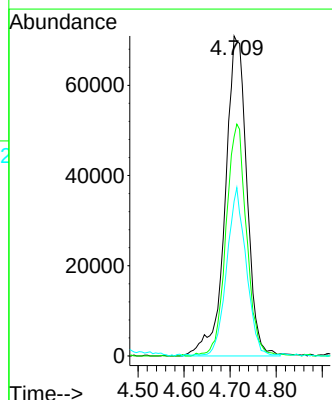
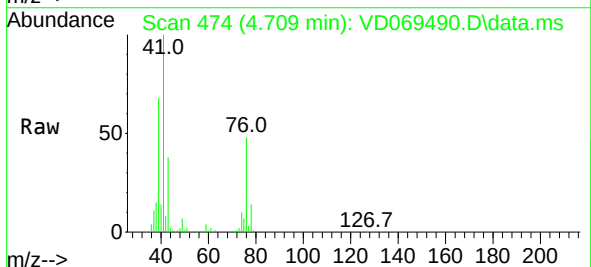
Instrument :  
MSVOA\_D  
ClientSampled :

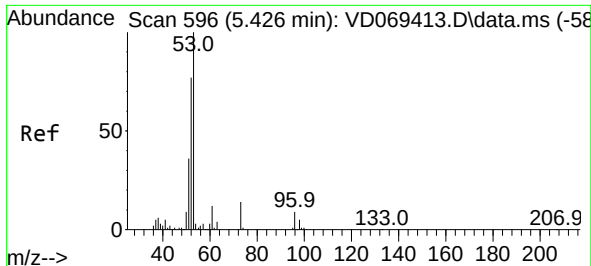
Tgt Ion: 56 Resp: 77814  
Ion Ratio Lower Upper  
56 100  
55 71.7 53.8 80.8



#14  
Allyl chloride  
Concen: 58.331 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.011 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 41 Resp: 231000  
Ion Ratio Lower Upper  
41 100  
39 68.7 56.1 84.1  
76 46.4 37.9 56.9

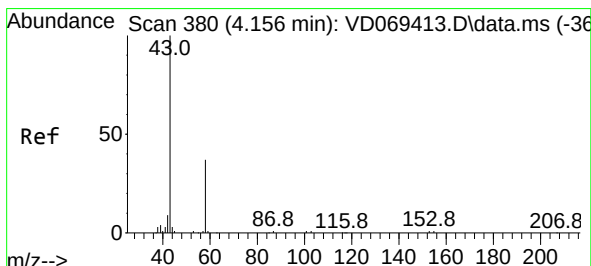
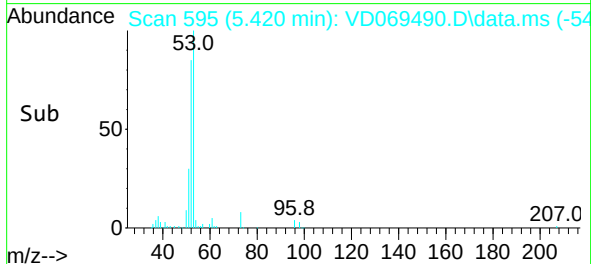
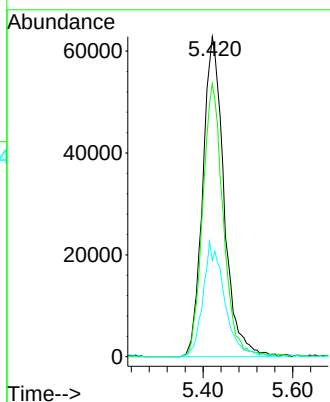
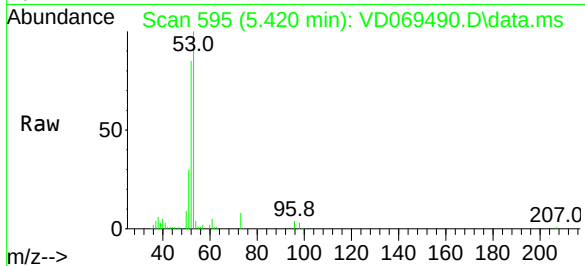




#15  
Acrylonitrile  
Concen: 341.996 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

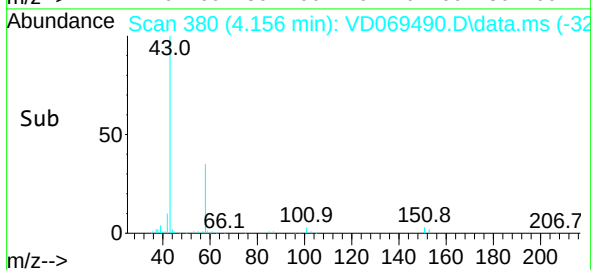
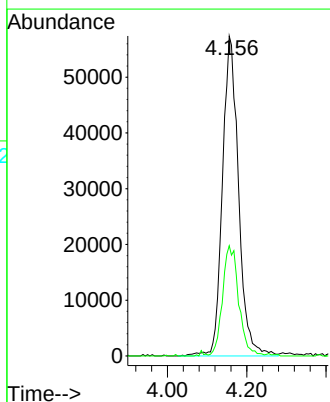
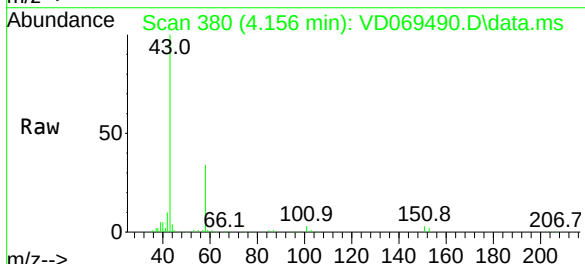
Instrument :  
MSVOA\_D  
ClientSampled :

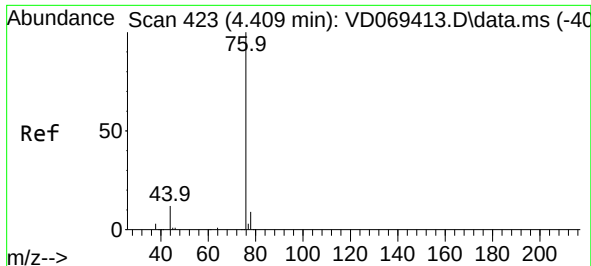
Tgt Ion: 53 Resp: 206488  
Ion Ratio Lower Upper  
53 100  
52 81.8 64.5 96.7  
51 36.1 28.6 43.0



#16  
Acetone  
Concen: 273.159 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 43 Resp: 161942  
Ion Ratio Lower Upper  
43 100  
58 34.4 27.5 41.3

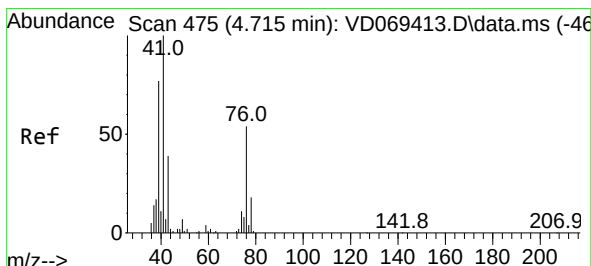
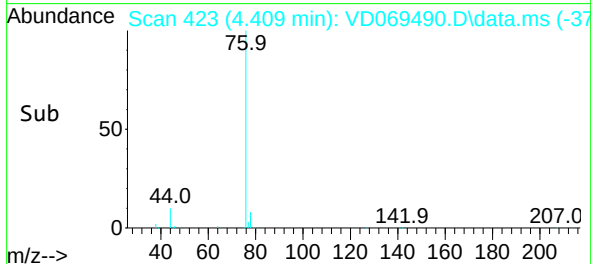
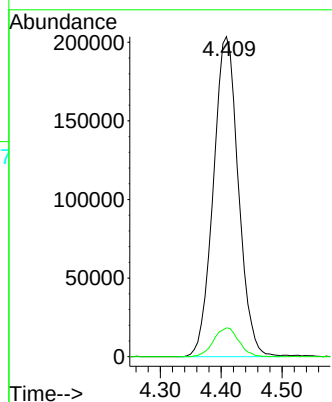
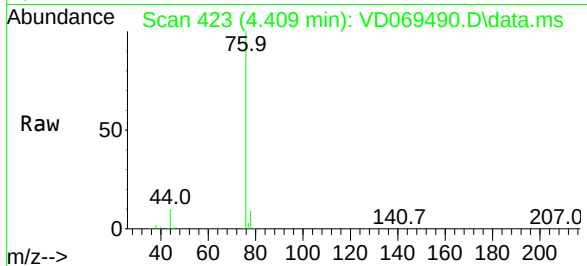




#17  
Carbon Disulfide  
Concen: 53.357 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

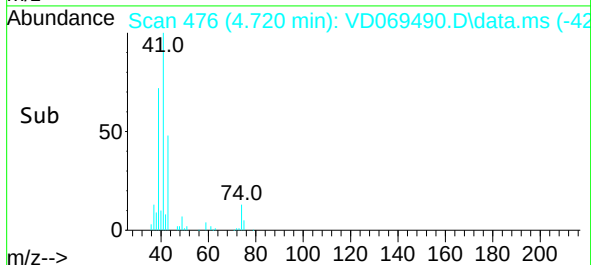
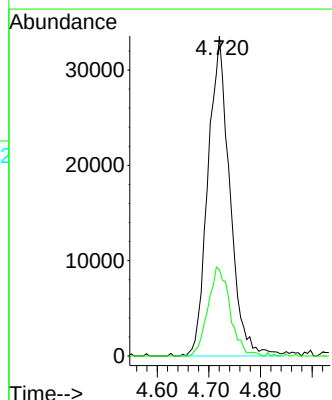
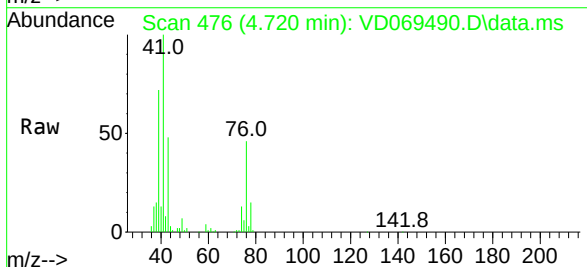
Instrument :  
MSVOA\_D  
ClientSampled :

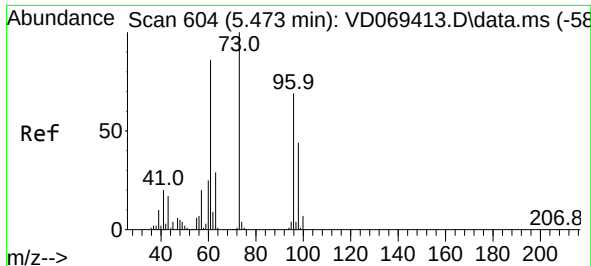
Tgt Ion: 76 Resp: 581140  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.0



#18  
Methyl Acetate  
Concen: 69.223 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.005 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 43 Resp: 98374  
Ion Ratio Lower Upper  
43 100  
74 28.1 22.8 34.2

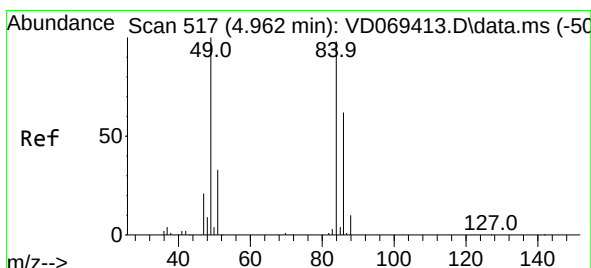
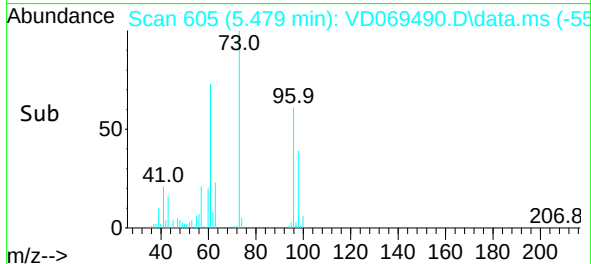
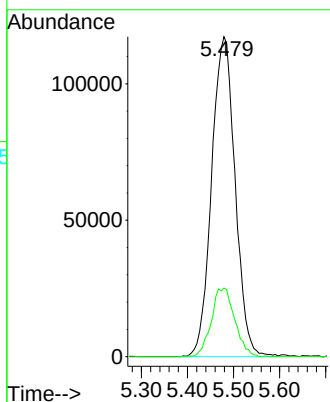
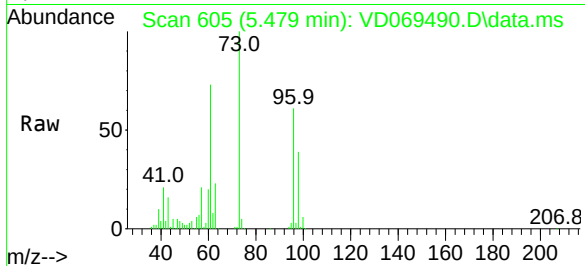




#19  
Methyl tert-butyl Ether  
Concen: 67.605 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

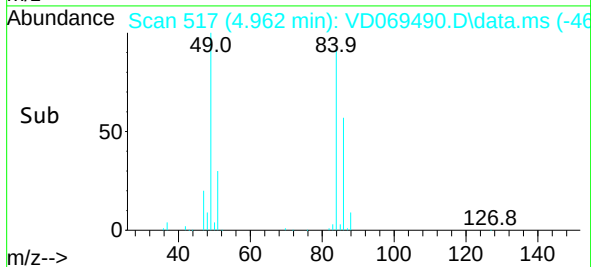
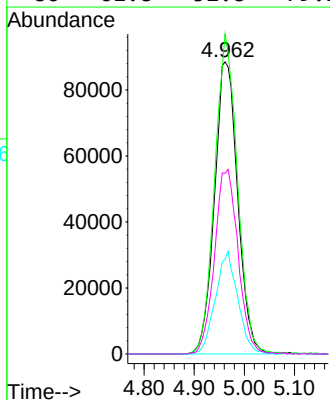
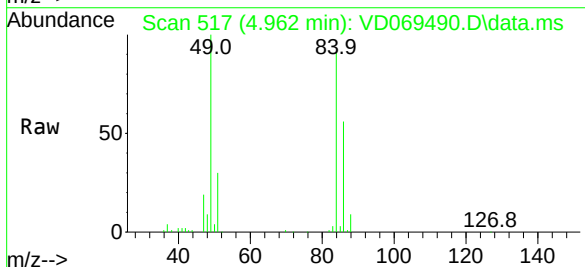
Instrument :  
MSVOA\_D  
ClientSampled :

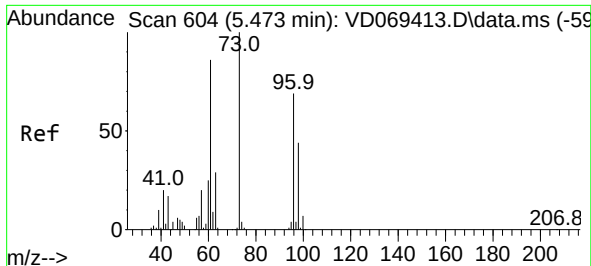
Tgt Ion: 73 Resp: 415025  
Ion Ratio Lower Upper  
73 100  
57 21.5 15.7 23.5



#20  
Methylene Chloride  
Concen: 68.288 ug/l  
RT: 4.962 min Scan# 517  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

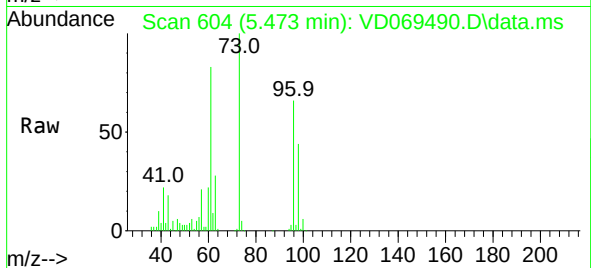
Tgt Ion: 84 Resp: 285248  
Ion Ratio Lower Upper  
84 100  
49 109.5 83.7 125.5  
51 32.5 26.4 39.6  
86 61.8 52.8 79.2



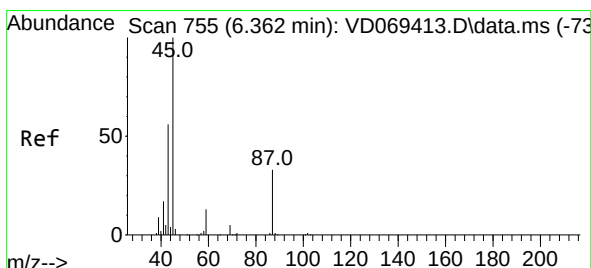
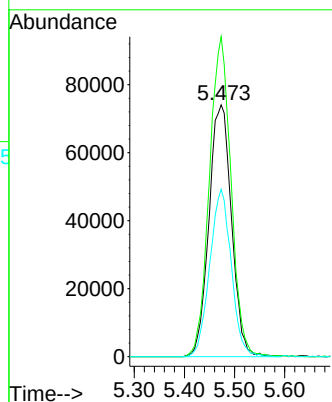
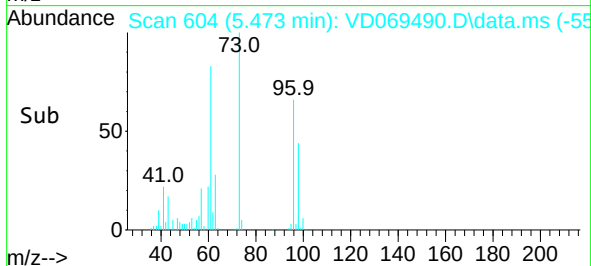


#21  
trans-1,2-Dichloroethene  
Concen: 58.721 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

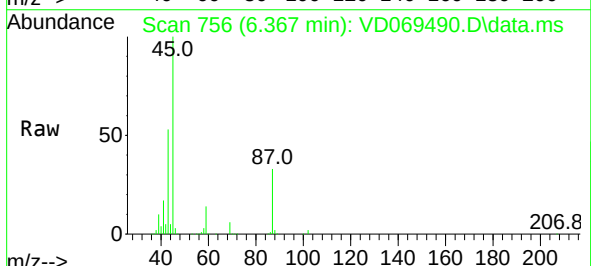
Instrument :  
MSVOA\_D  
ClientSampleId :



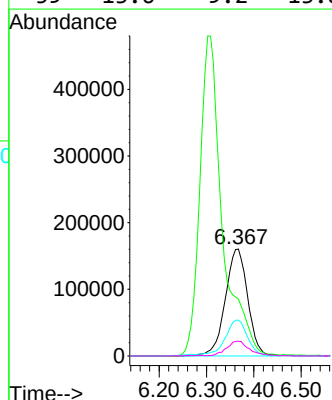
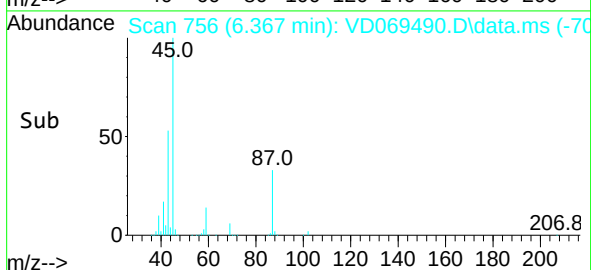
Tgt Ion: 96 Resp: 231495  
Ion Ratio Lower Upper  
96 100  
61 127.1 98.8 148.2  
98 66.5 51.4 77.2

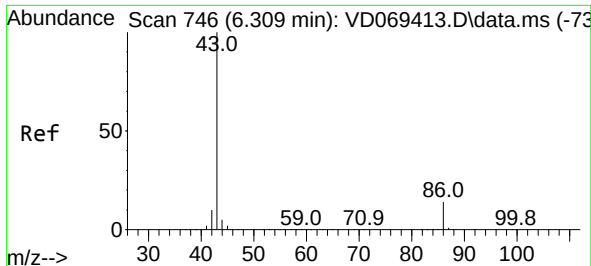


#22  
Diisopropyl ether  
Concen: 66.756 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.005 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06



Tgt Ion: 45 Resp: 525626  
Ion Ratio Lower Upper  
45 100  
43 52.6 38.7 58.1  
87 33.3 25.6 38.4  
59 13.6 9.2 13.8

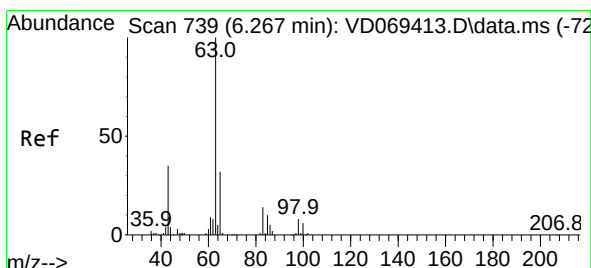
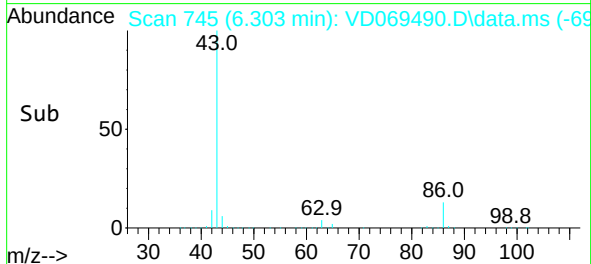
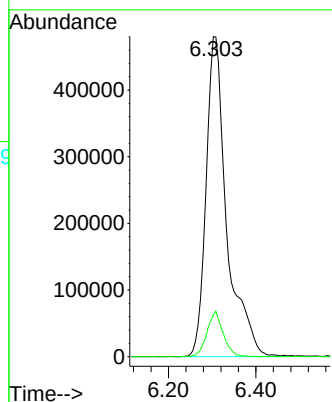
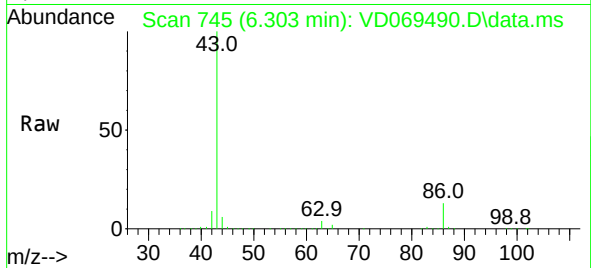




#23  
 Vinyl Acetate  
 Concen: 307.912 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.006 min  
 Lab File: VD069490.D  
 Acq: 17 Jun 2021 20:06

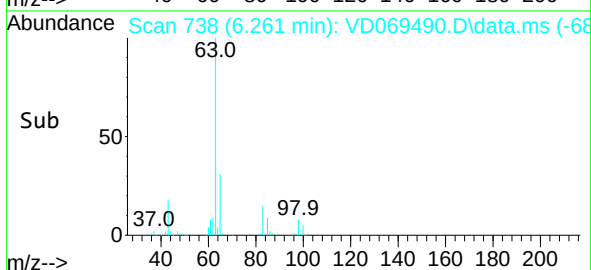
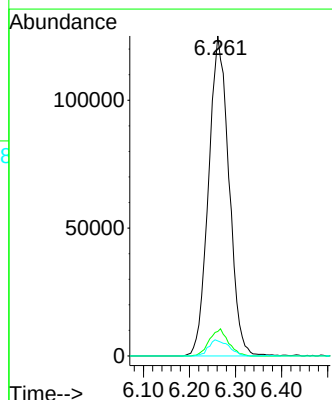
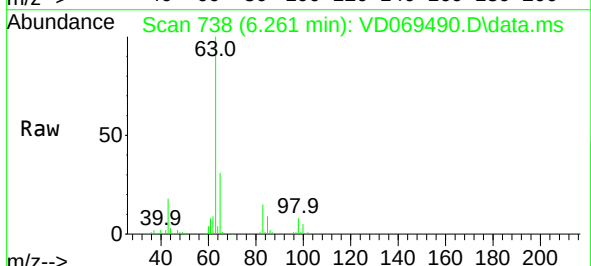
Instrument :  
 MSVOA\_D  
 ClientSampled :

Tgt Ion: 43 Resp: 1581225  
 Ion Ratio Lower Upper  
 43 100  
 86 13.1 10.5 15.7

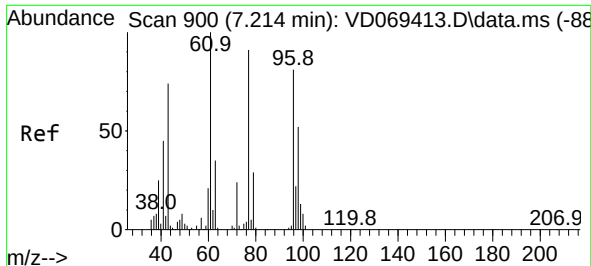


#24  
 1,1-Dichloroethane  
 Concen: 58.807 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.006 min  
 Lab File: VD069490.D  
 Acq: 17 Jun 2021 20:06

Tgt Ion: 63 Resp: 385470  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.8 11.4  
 100 4.7 2.6 7.8



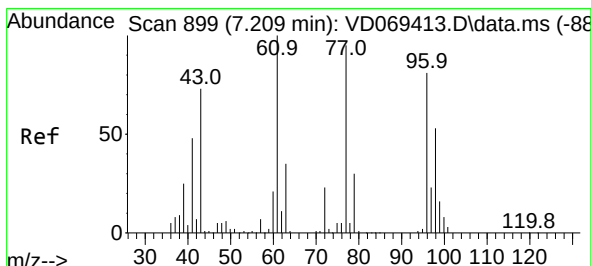
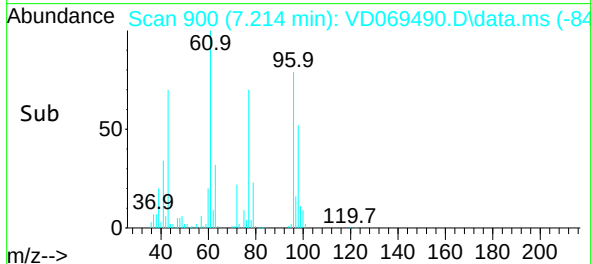
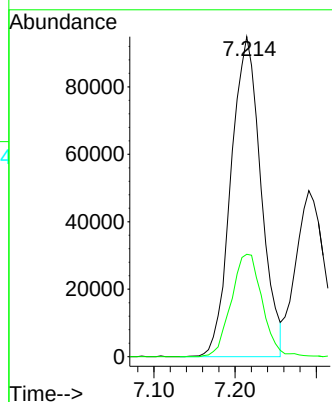
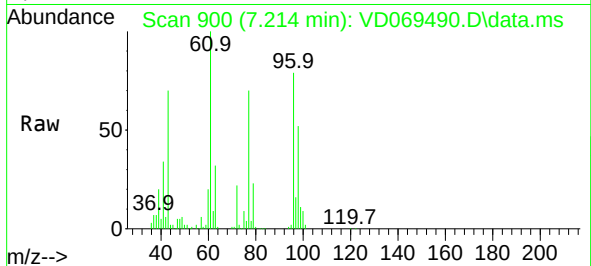




#25  
2-Butanone  
Concen: 328.260 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

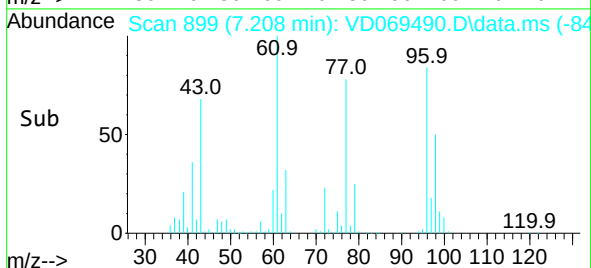
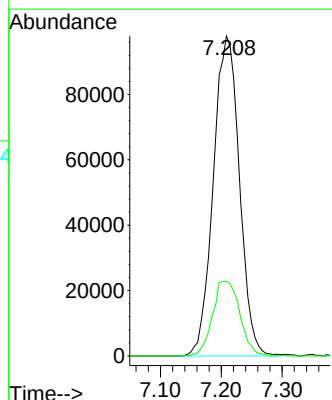
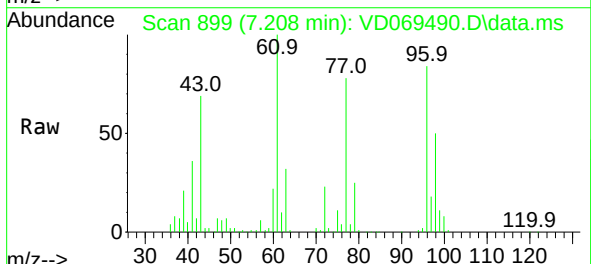
Instrument :  
MSVOA\_D  
ClientSampled :

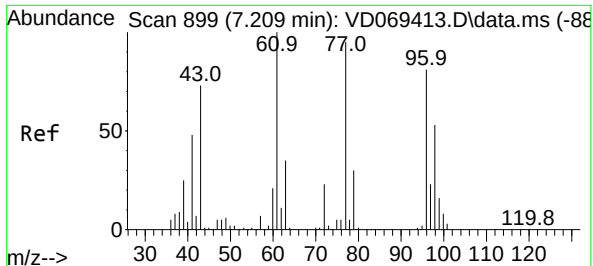
Tgt Ion: 43 Resp: 242666  
Ion Ratio Lower Upper  
43 100  
72 32.0 23.9 35.9



#26  
2,2-Dichloropropane  
Concen: 50.522 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.001 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 77 Resp: 291782  
Ion Ratio Lower Upper  
77 100  
97 24.4 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 65.980 ug/l

RT: 7.214 min Scan# 900

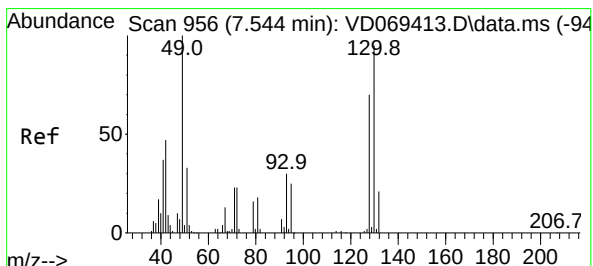
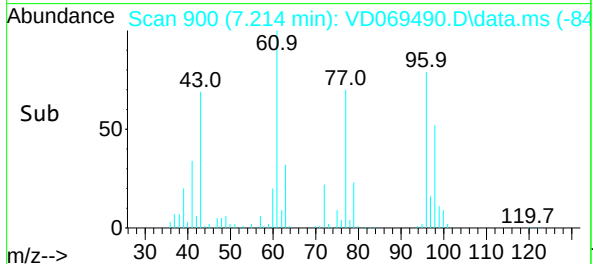
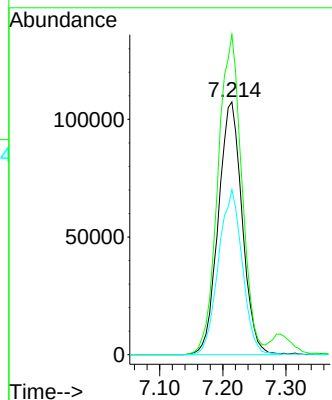
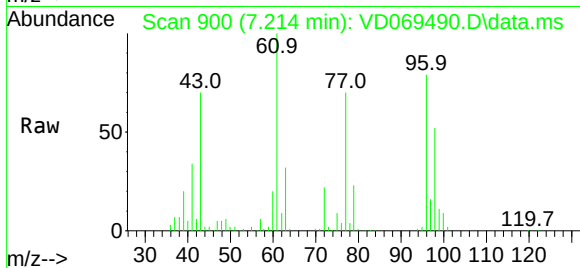
Delta R.T. 0.005 min

Lab File: VD069490.D

Acq: 17 Jun 2021 20:06

Tgt Ion: 96 Resp: 281551

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 126.9 | 0.0   | 265.6 |
| 98  | 65.3  | 0.0   | 129.0 |



#28

Bromochloromethane

Concen: 67.343 ug/l

RT: 7.544 min Scan# 956

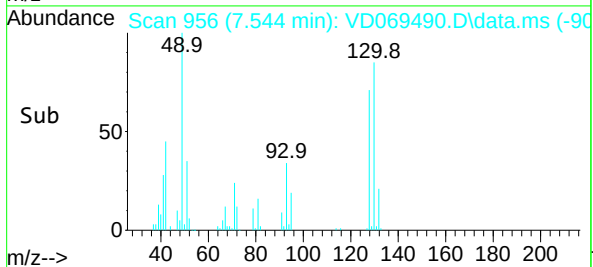
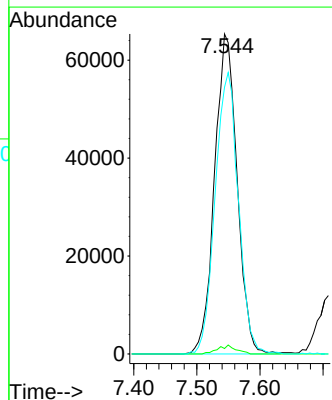
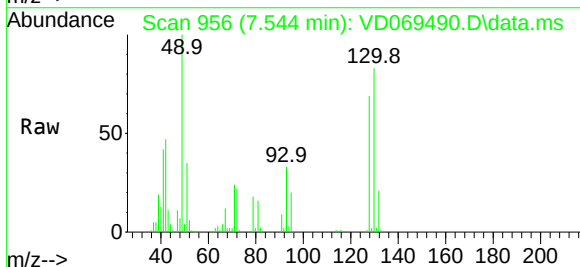
Delta R.T. -0.000 min

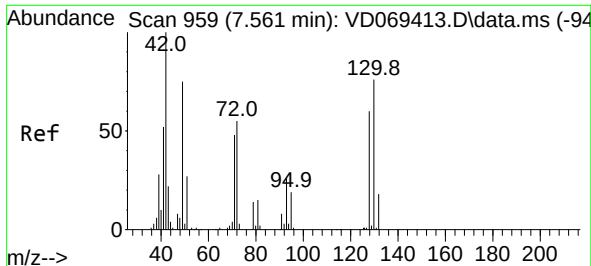
Lab File: VD069490.D

Acq: 17 Jun 2021 20:06

Tgt Ion: 49 Resp: 161710

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.3   | 0.0   | 4.6   |
| 130 | 90.8  | 72.0  | 108.0 |





#29

Tetrahydrofuran

Concen: 370.114 ug/l

RT: 7.561 min Scan# 959

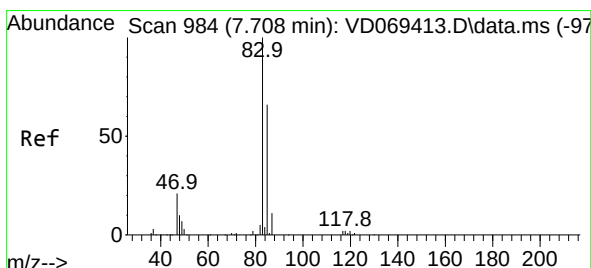
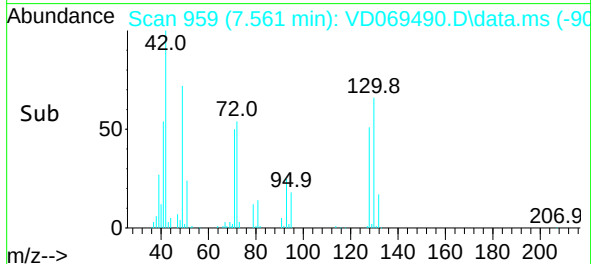
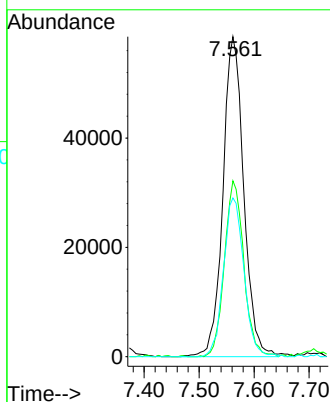
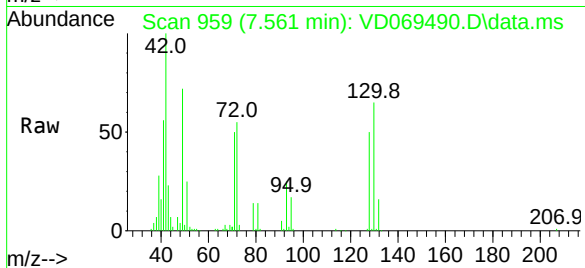
Delta R.T. 0.000 min

Lab File: VD069490.D

Acq: 17 Jun 2021 20:06

Tgt Ion: 42 Resp: 153974

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 51.2  | 41.0  | 61.6  |
| 71  | 48.7  | 38.9  | 58.3  |



#30

Chloroform

Concen: 54.479 ug/l

RT: 7.708 min Scan# 984

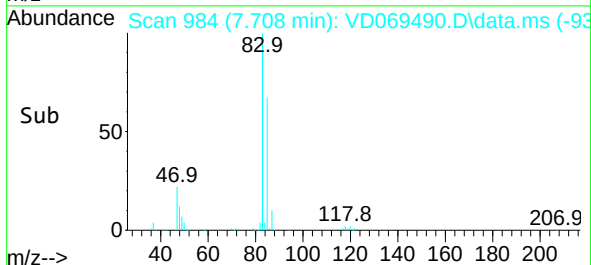
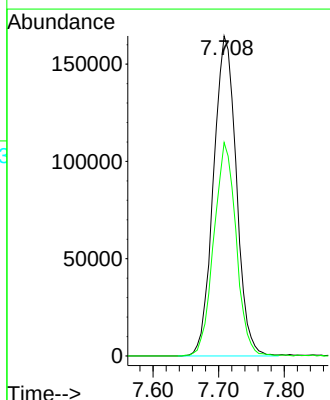
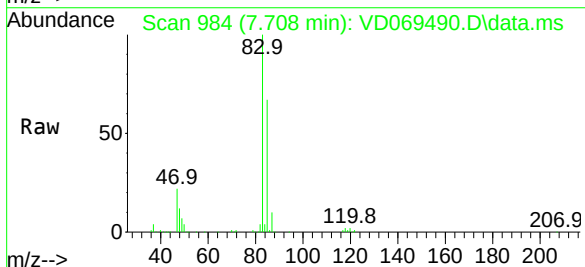
Delta R.T. 0.000 min

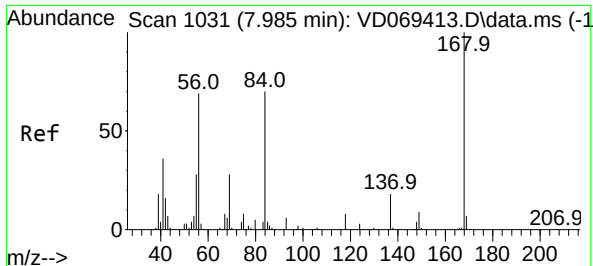
Lab File: VD069490.D

Acq: 17 Jun 2021 20:06

Tgt Ion: 83 Resp: 397881

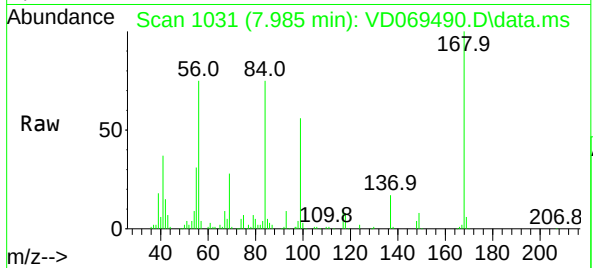
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 66.7  | 52.6  | 78.8  |



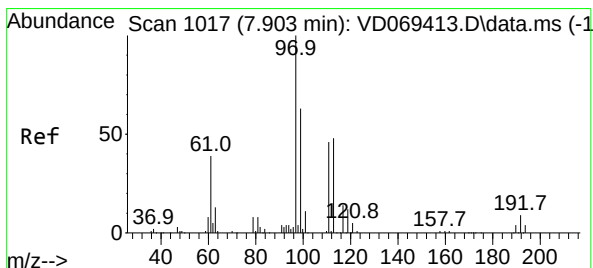
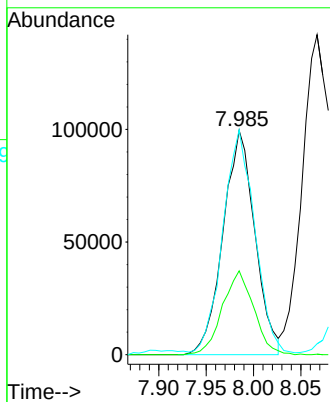
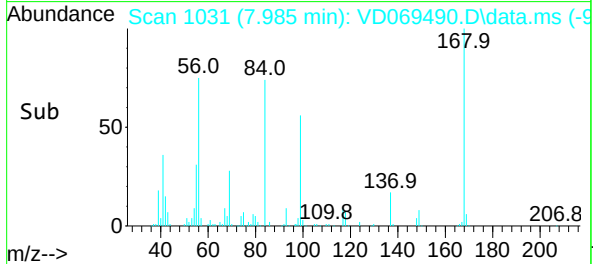


#31  
Cyclohexane  
Concen: 47.848 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

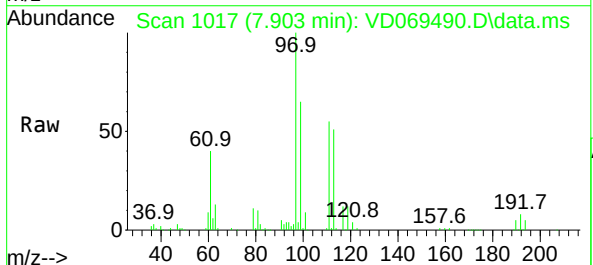
Instrument :  
MSVOA\_D  
ClientSampled :



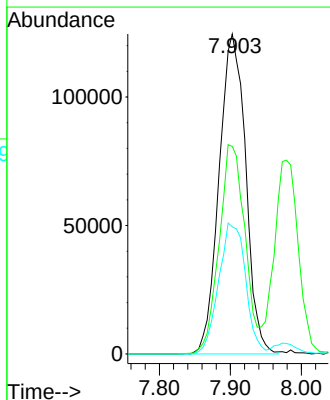
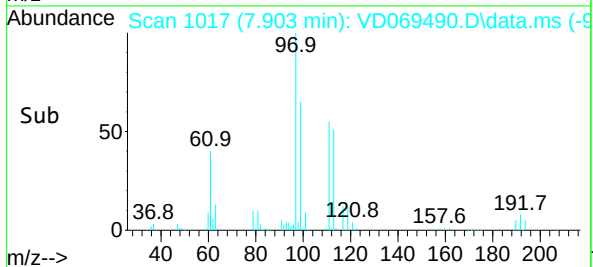
Tgt Ion: 56 Resp: 232876  
Ion Ratio Lower Upper  
56 100  
69 37.4 29.0 43.4  
84 98.8 81.1 121.7

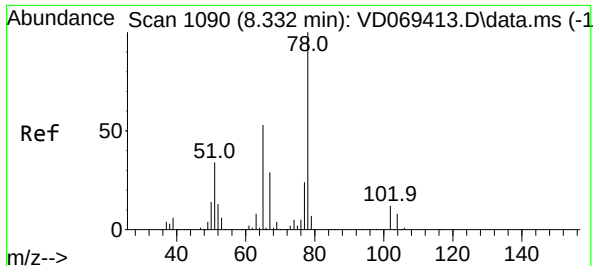


#32  
1,1,1-Trichloroethane  
Concen: 50.394 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06



Tgt Ion: 97 Resp: 323324  
Ion Ratio Lower Upper  
97 100  
99 63.1 51.9 77.9  
61 41.3 31.8 47.6

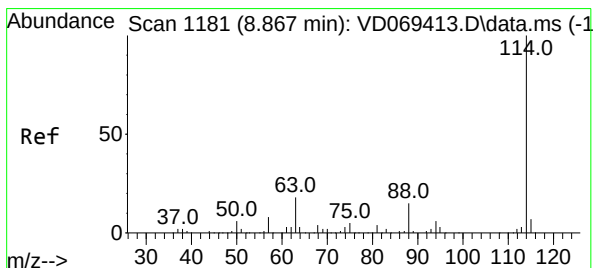
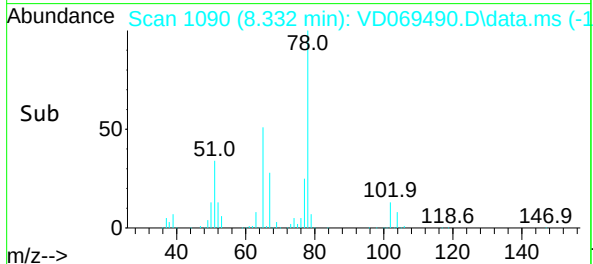
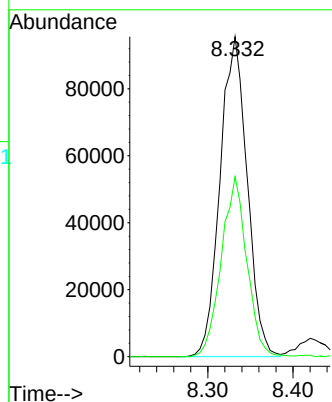
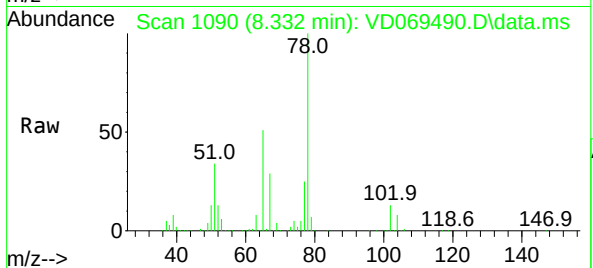




#33  
1,2-Dichloroethane-d4  
Concen: 58.994 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

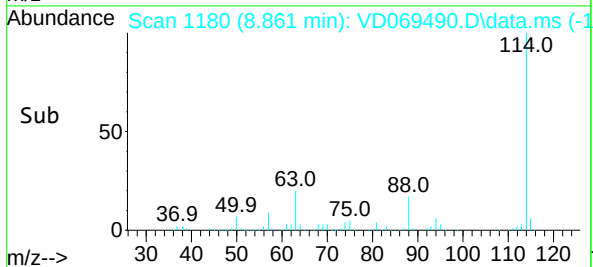
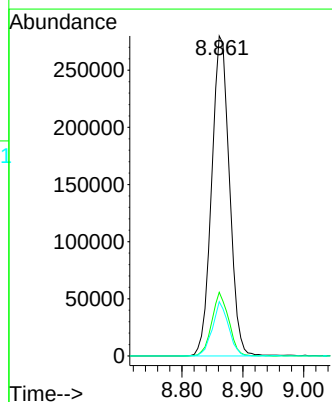
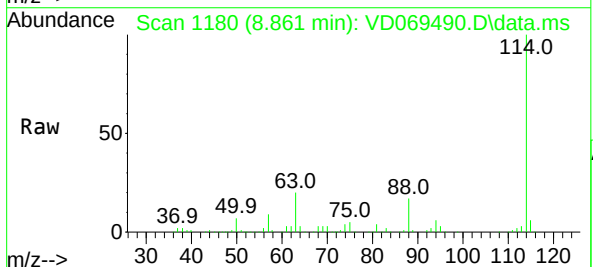
Instrument :  
MSVOA\_D  
ClientSampled :

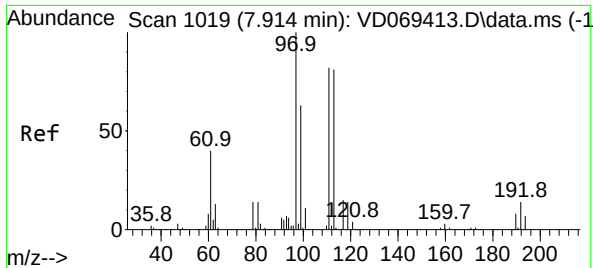
Tgt Ion: 65 Resp: 211297  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 105.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion:114 Resp: 568346  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 35.6  
88 17.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.882 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069490.D

Acq: 17 Jun 2021 20:06

Tgt Ion:113 Resp: 208088

Ion Ratio Lower Upper

113 100

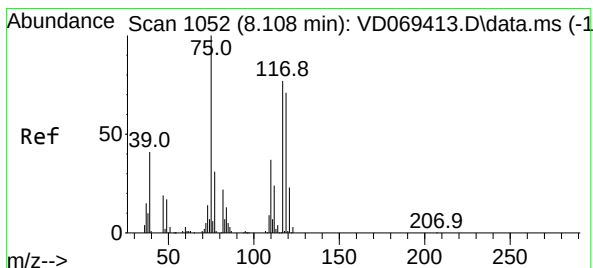
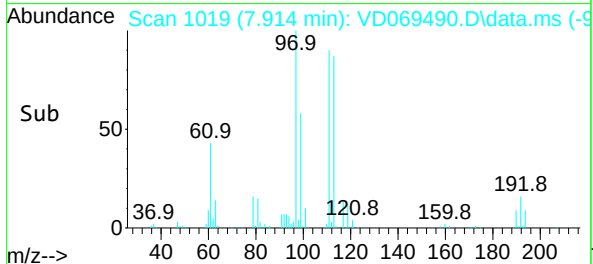
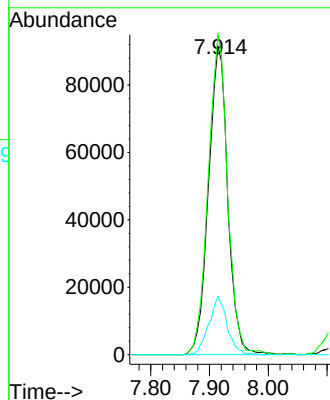
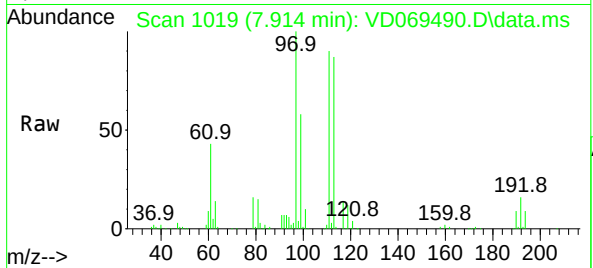
111 104.5 83.0 124.6

192 17.9 15.1 22.7

Instrument :

MSVOA\_D

ClientSampleId :



#36

1,1-Dichloropropene

Concen: 45.295 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD069490.D

Acq: 17 Jun 2021 20:06

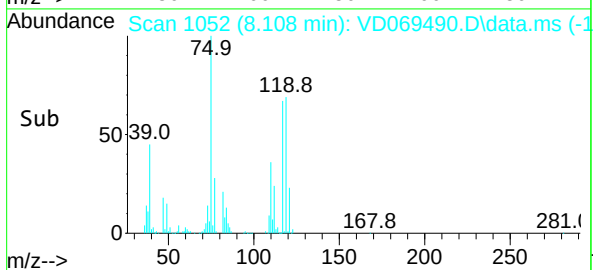
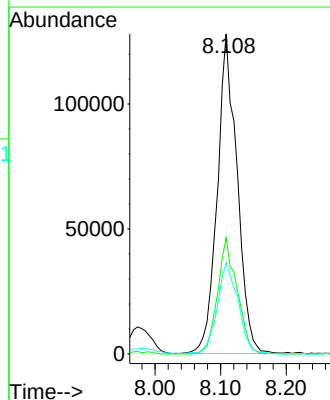
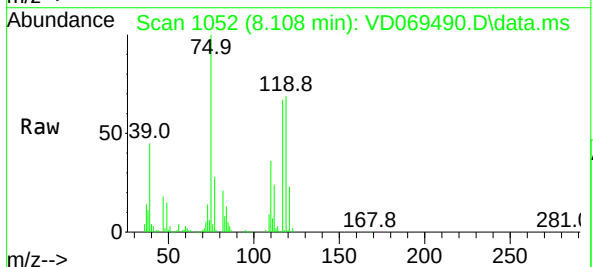
Tgt Ion: 75 Resp: 268066

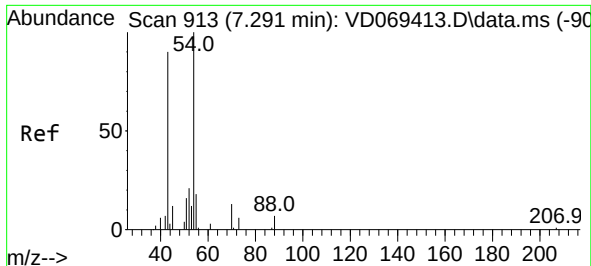
Ion Ratio Lower Upper

75 100

110 35.8 18.4 55.2

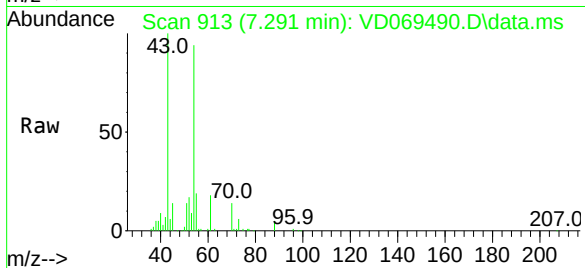
77 30.4 24.9 37.3



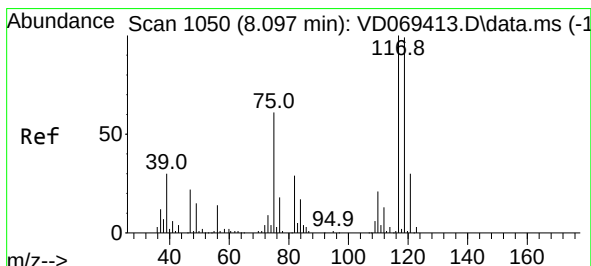
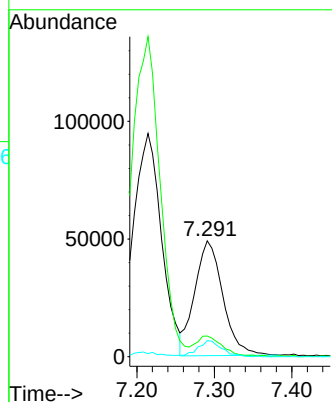
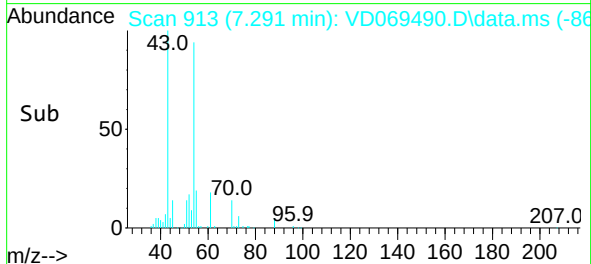


#37  
Ethyl Acetate  
Concen: 62.277 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

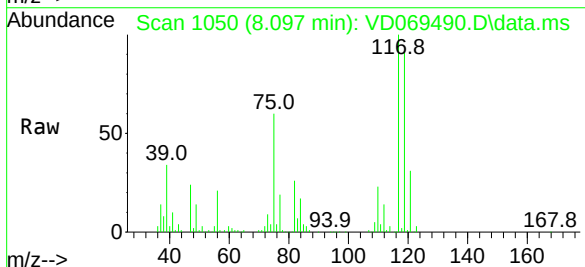
Instrument :  
MSVOA\_D  
ClientSampled :



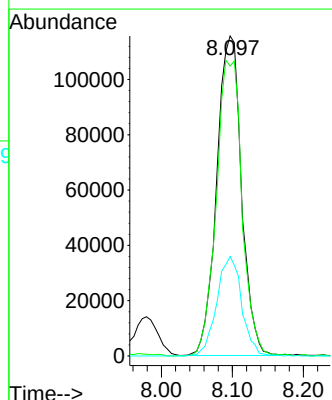
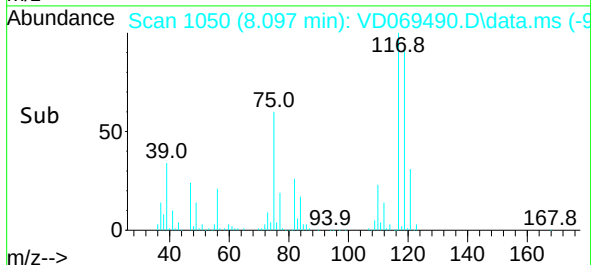
Tgt Ion: 43 Resp: 123306  
Ion Ratio Lower Upper  
43 100  
61 17.2 11.0 16.6#  
70 12.1 9.7 14.5

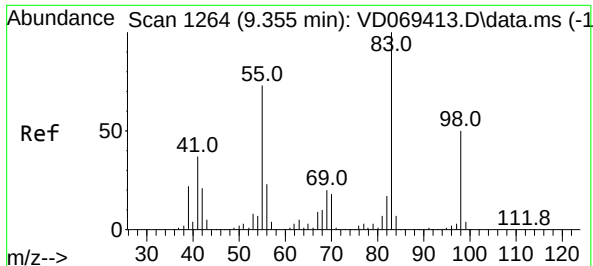


#38  
Carbon Tetrachloride  
Concen: 43.739 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06



Tgt Ion: 117 Resp: 280403  
Ion Ratio Lower Upper  
117 100  
119 90.6 79.4 119.2  
121 31.2 26.1 39.1





#39

Methylcyclohexane

Concen: 44.390 ug/l

RT: 9.355 min Scan# 1264

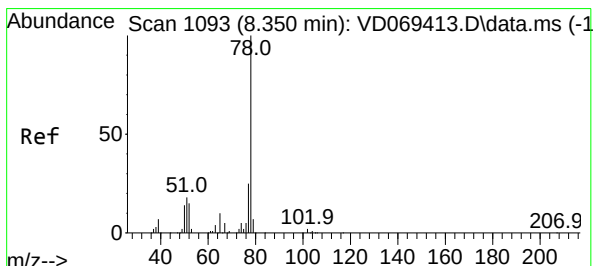
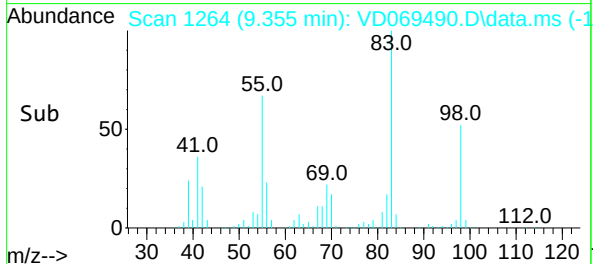
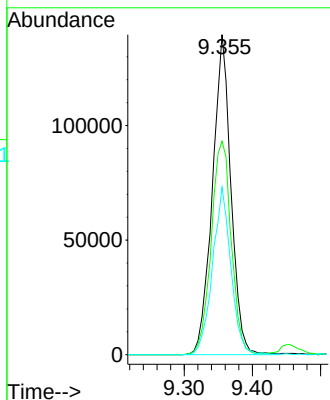
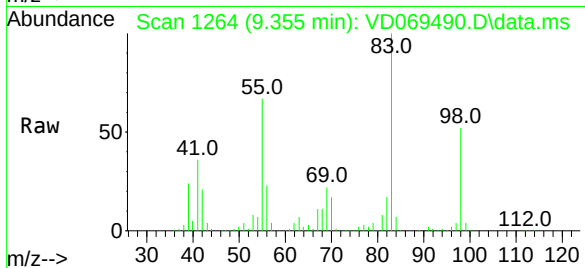
Delta R.T. 0.000 min

Lab File: VD069490.D

Acq: 17 Jun 2021 20:06

Tgt Ion: 83 Resp: 264241

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 66.7  | 57.4  | 86.2  |
| 98  | 52.3  | 42.2  | 63.2  |



#40

Benzene

Concen: 50.376 ug/l

RT: 8.350 min Scan# 1093

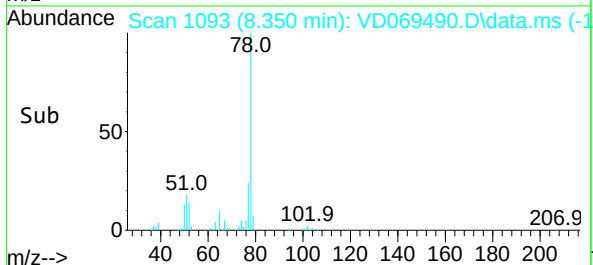
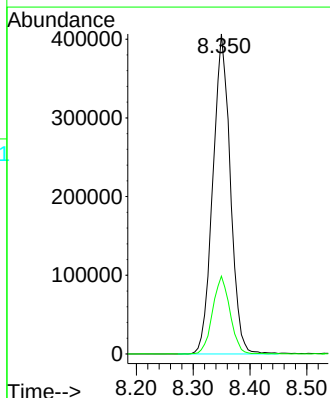
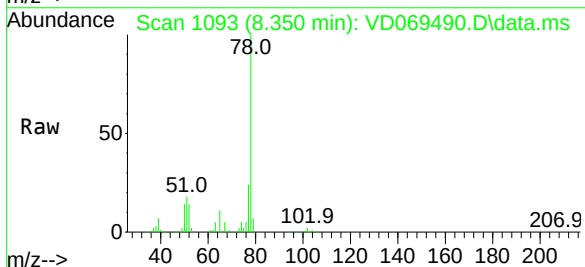
Delta R.T. -0.000 min

Lab File: VD069490.D

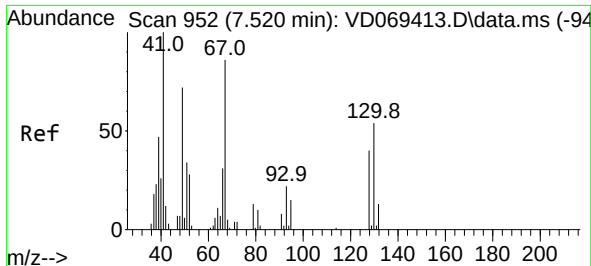
Acq: 17 Jun 2021 20:06

Tgt Ion: 78 Resp: 867705

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.3  | 18.7  | 28.1  |

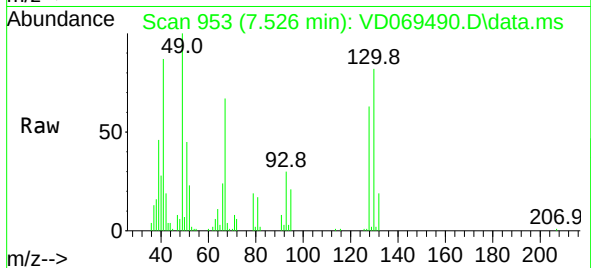




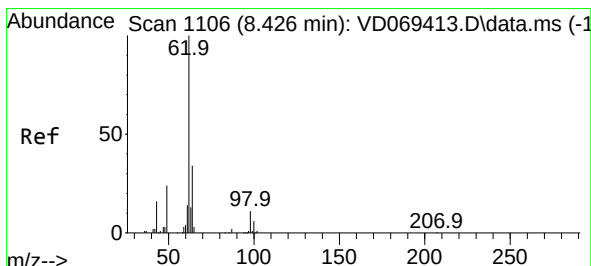
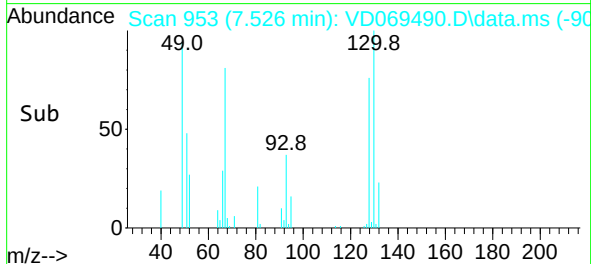
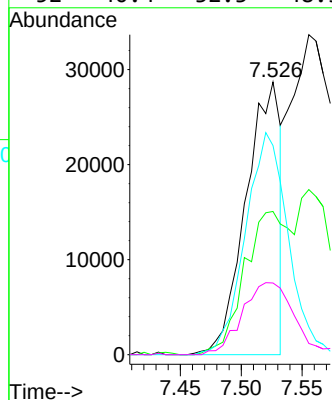


#41  
Methacrylonitrile  
Concen: 57.635 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. 0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Instrument :  
MSVOA\_D  
ClientSampled :

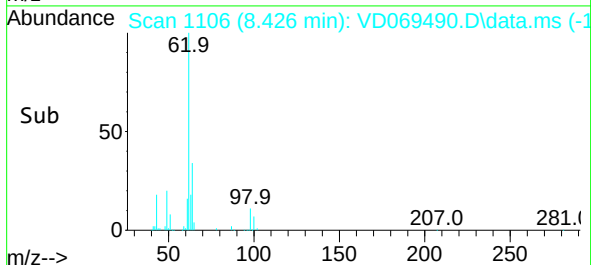
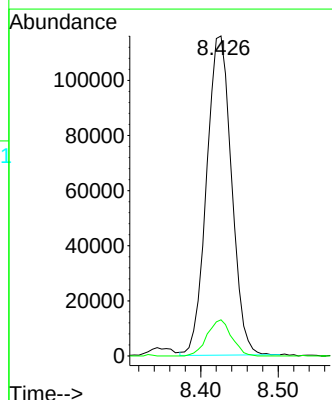
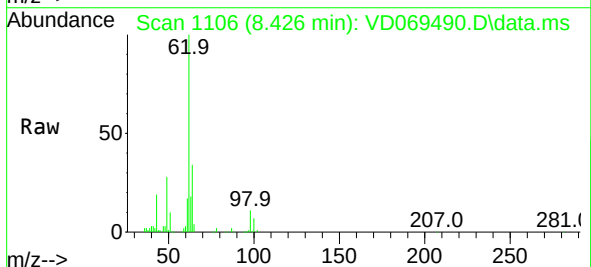


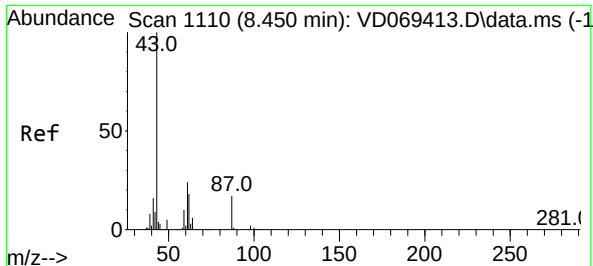
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 56772 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 71.6  | 50.6  | 76.0  |
| 67       | 100.6 | 86.2  | 129.4 |
| 52       | 40.4  | 32.3  | 48.5  |



#42  
1,2-Dichloroethane  
Concen: 54.844 ug/l  
RT: 8.426 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 259211 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 11.1  | 0.0   | 21.4   |





#43

Isopropyl Acetate

Concen: 59.729 ug/l

RT: 8.450 min Scan# 1110

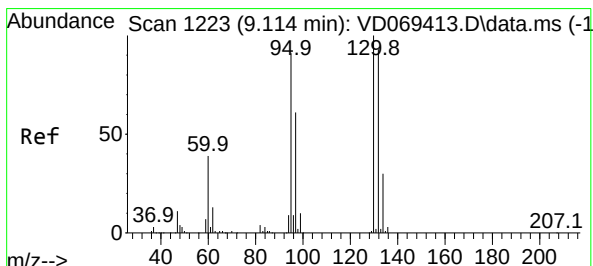
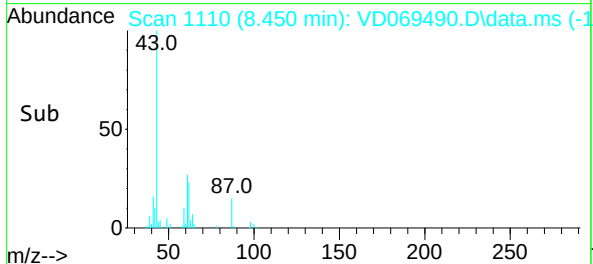
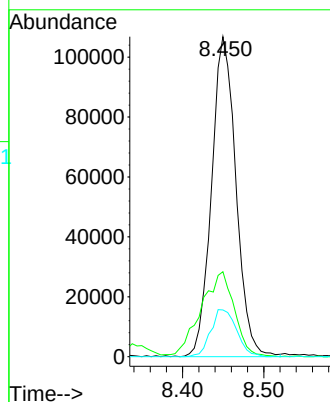
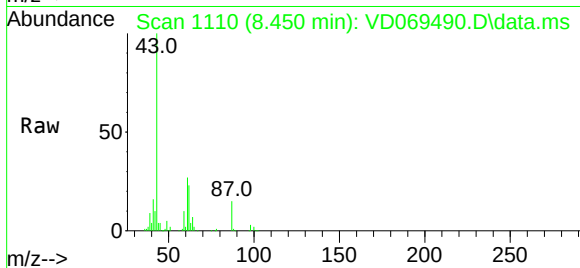
Delta R.T. -0.000 min

Lab File: VD069490.D

Acq: 17 Jun 2021 20:06

Instrument :  
MSVOA\_D  
ClientSampled :

|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 223616 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 61 36.4     | 29.0 43.6    |
| 87 15.5     | 12.7 19.1    |



#44

Trichloroethene

Concen: 49.415 ug/l

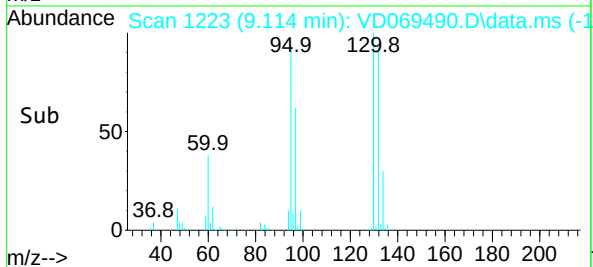
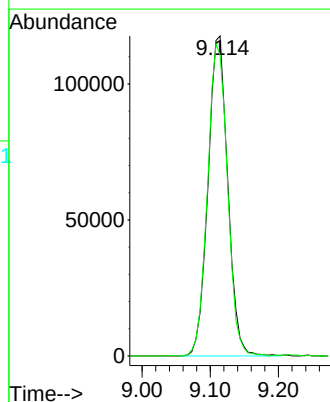
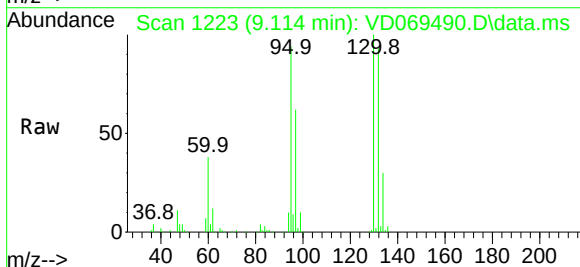
RT: 9.114 min Scan# 1223

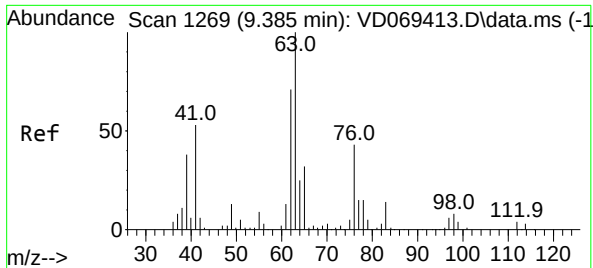
Delta R.T. 0.000 min

Lab File: VD069490.D

Acq: 17 Jun 2021 20:06

|             |              |
|-------------|--------------|
| Tgt Ion:130 | Resp: 237375 |
| Ion Ratio   | Lower Upper  |
| 130 100     |              |
| 95 94.1     | 0.0 198.8    |

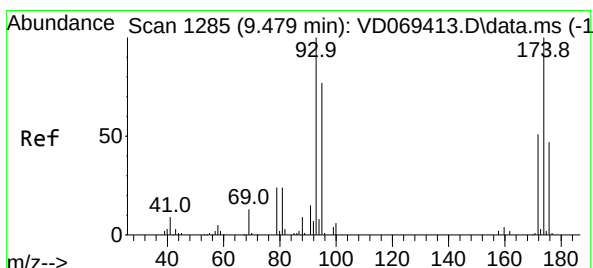
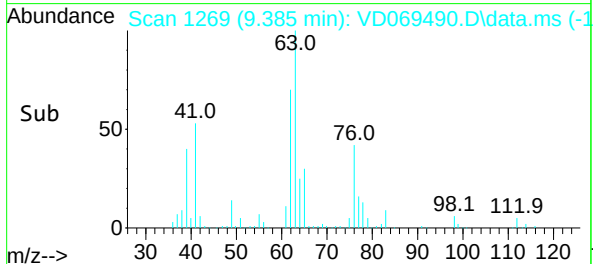
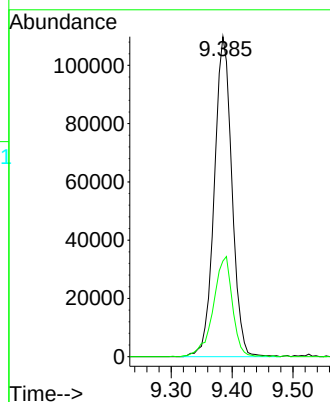
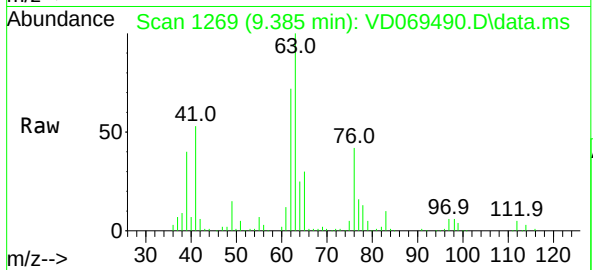




#45  
1,2-Dichloropropane  
Concen: 52.480 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

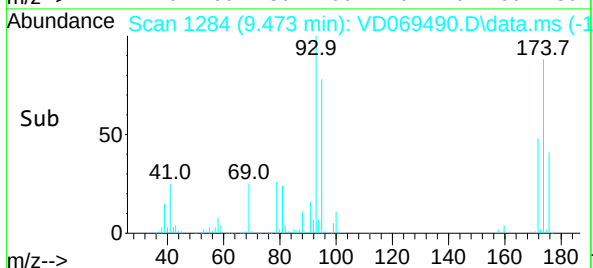
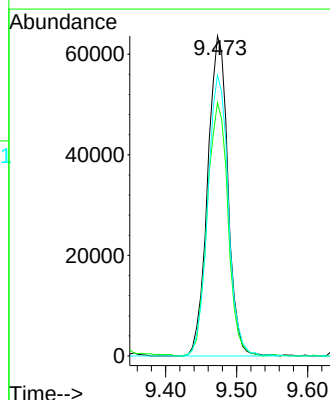
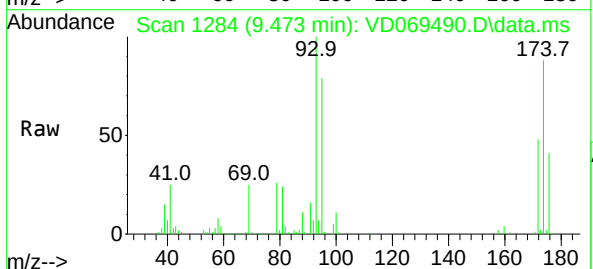
Instrument :  
MSVOA\_D  
ClientSampled :

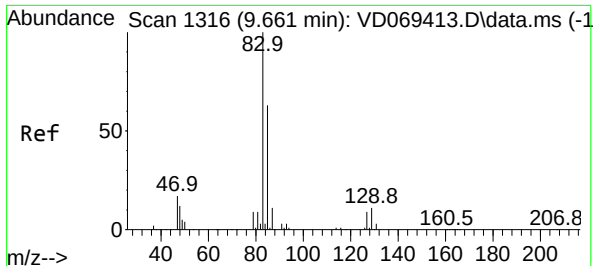
Tgt Ion: 63 Resp: 220665  
Ion Ratio Lower Upper  
63 100  
65 29.9 25.3 37.9



#46  
Dibromomethane  
Concen: 52.211 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

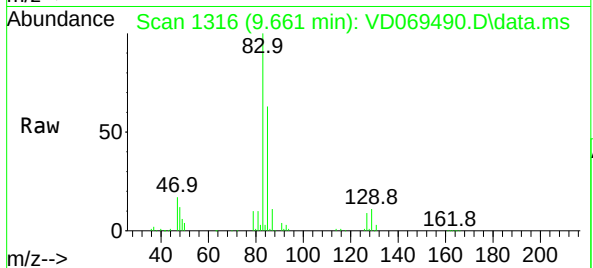
Tgt Ion: 93 Resp: 125790  
Ion Ratio Lower Upper  
93 100  
95 81.3 63.4 95.2  
174 89.2 74.5 111.7



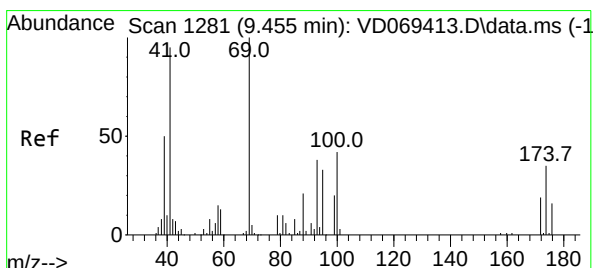
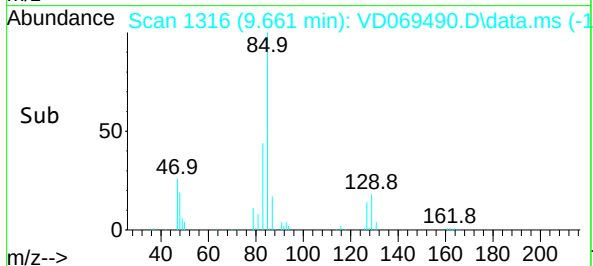
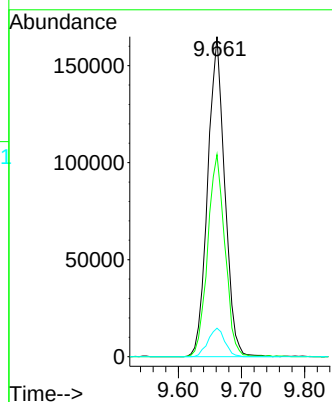


#47  
Bromodichloromethane  
Concen: 49.761 ug/l  
RT: 9.661 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

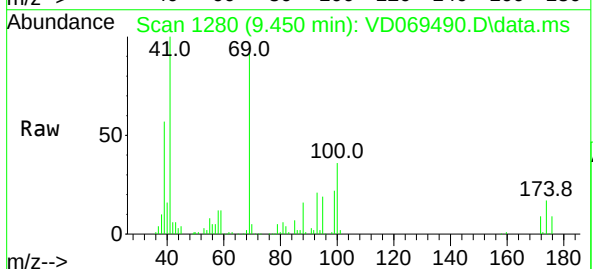
Instrument :  
MSVOA\_D  
ClientSampled :



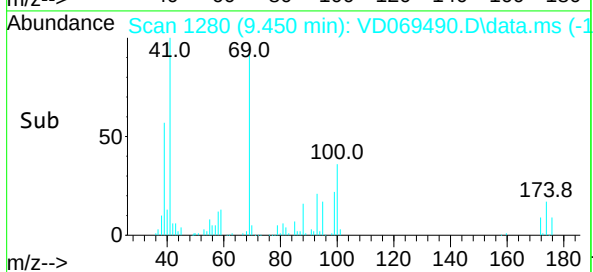
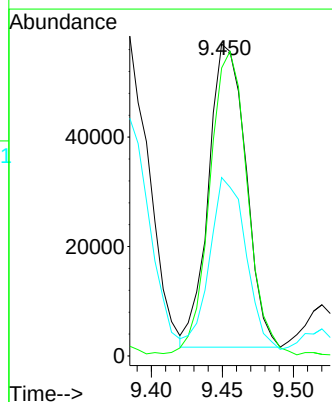
Tgt Ion: 83 Resp: 309093  
Ion Ratio Lower Upper  
83 100  
85 63.1 48.2 72.2  
127 8.9 7.1 10.7

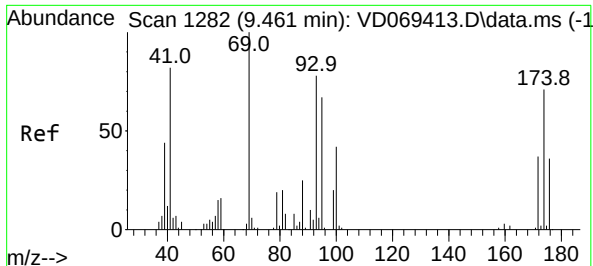


#48  
Methyl methacrylate  
Concen: 59.388 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. -0.005 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06



Tgt Ion: 41 Resp: 101114  
Ion Ratio Lower Upper  
41 100  
69 101.6 77.6 116.4  
39 60.1 45.3 67.9





#49

1,4-Dioxane

Concen: 1109.159 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VD069490.D

Acq: 17 Jun 2021 20:06

Tgt Ion: 88 Resp: 26023

Ion Ratio Lower Upper

88 100

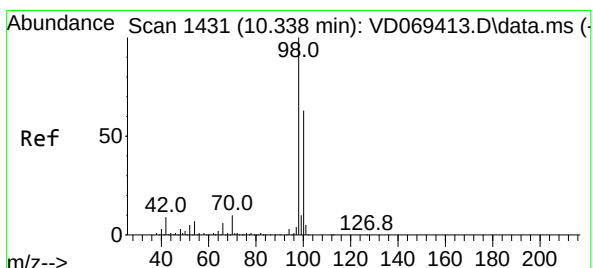
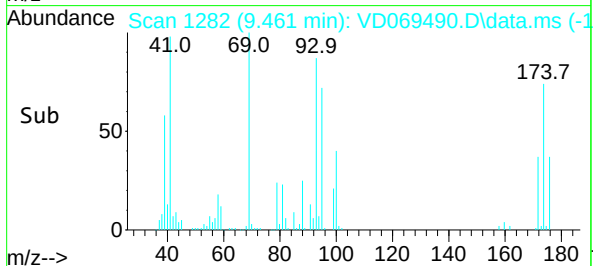
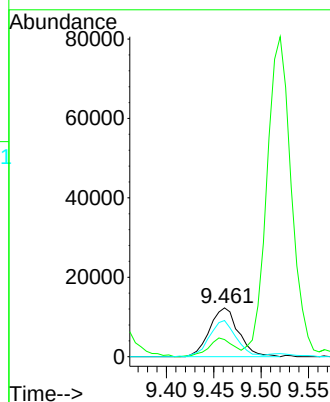
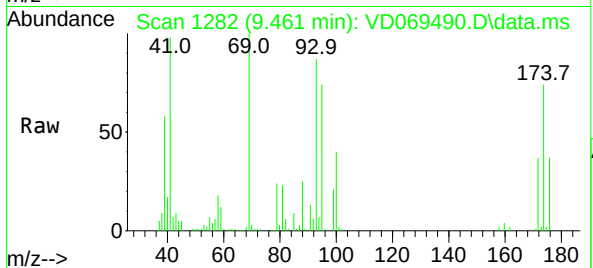
43 33.2 25.4 38.2

58 69.2 50.2 75.4

Instrument :

MSVOA\_D

ClientSampleId :



#50

Toluene-d8

Concen: 52.548 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069490.D

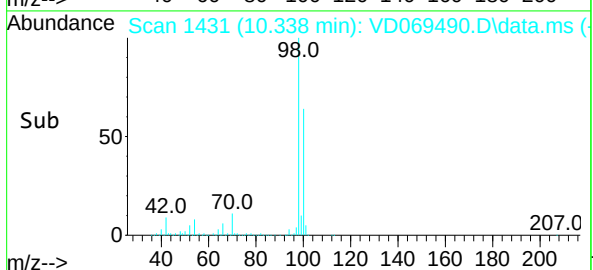
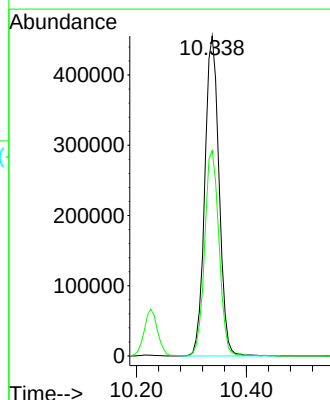
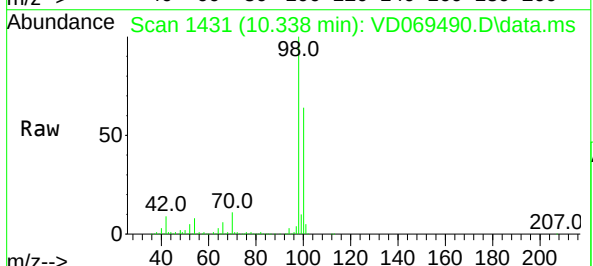
Acq: 17 Jun 2021 20:06

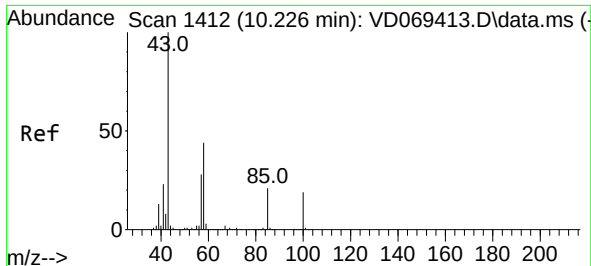
Tgt Ion: 98 Resp: 818143

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1

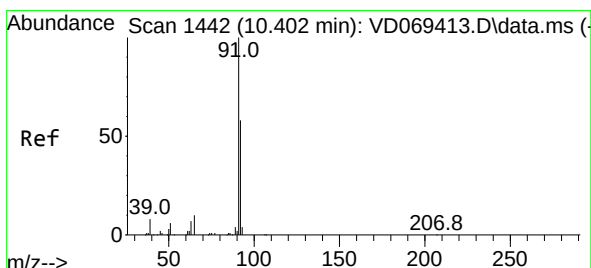
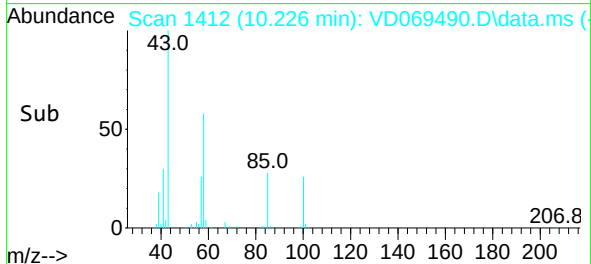
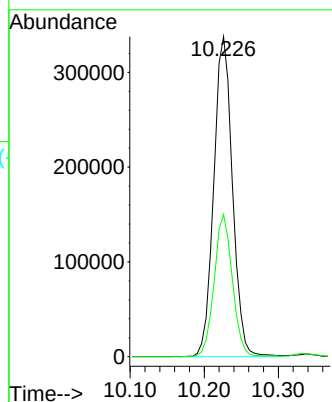
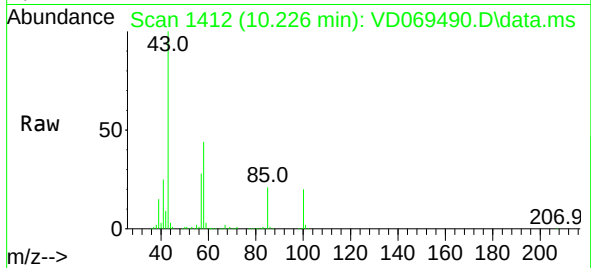




#51  
4-Methyl-2-Pentanone  
Concen: 310.074 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

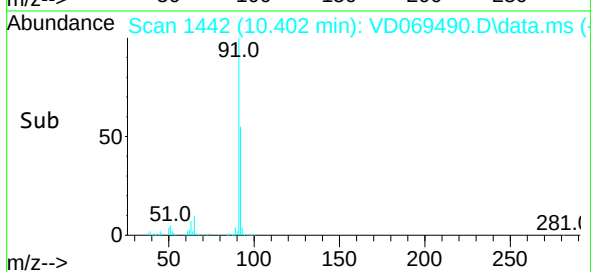
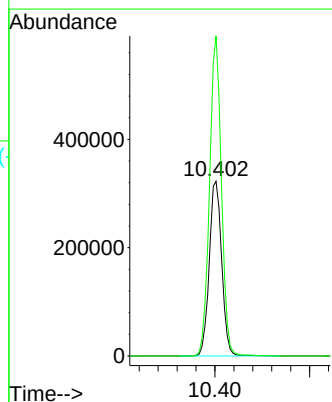
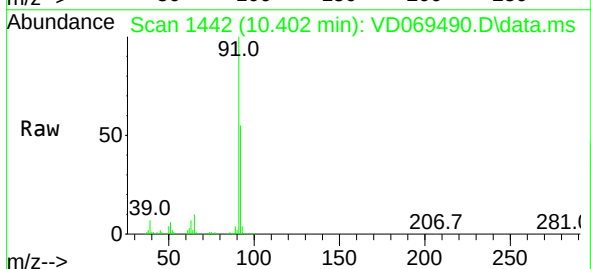
Instrument :  
MSVOA\_D  
ClientSampleId :

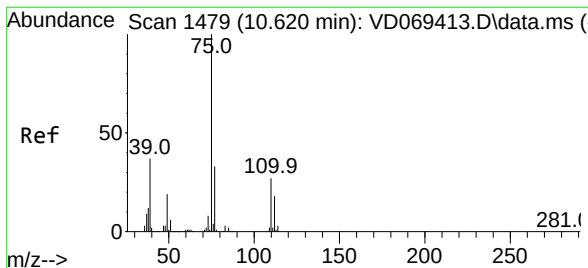
Tgt Ion: 43 Resp: 592280  
Ion Ratio Lower Upper  
43 100  
58 43.3 35.1 52.7



#52  
Toluene  
Concen: 53.686 ug/l  
RT: 10.402 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 92 Resp: 587164  
Ion Ratio Lower Upper  
92 100  
91 175.0 138.4 207.6

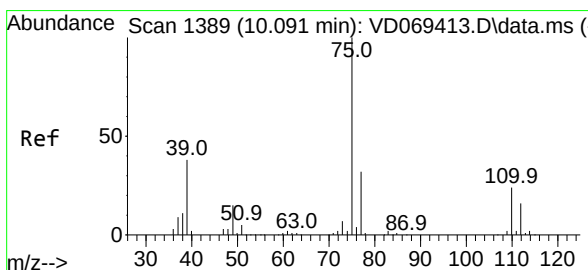
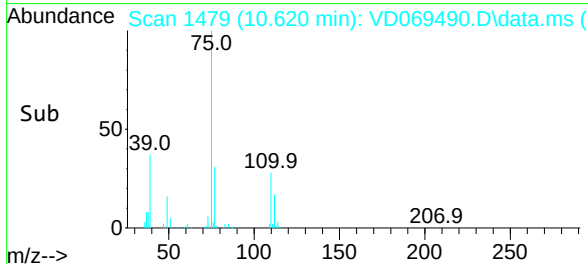
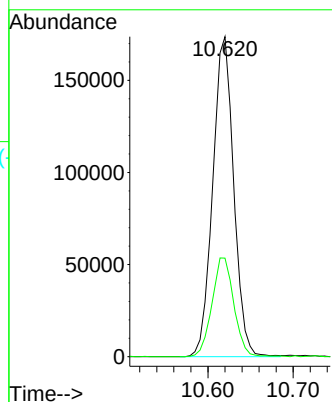
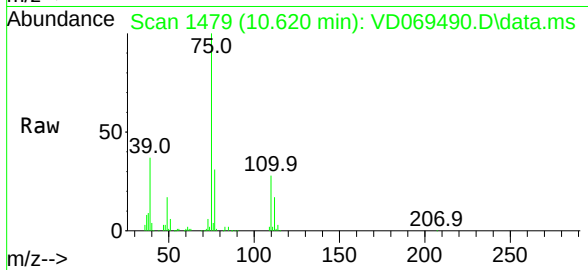




#53  
t-1,3-Dichloropropene  
Concen: 55.816 ug/l  
RT: 10.620 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

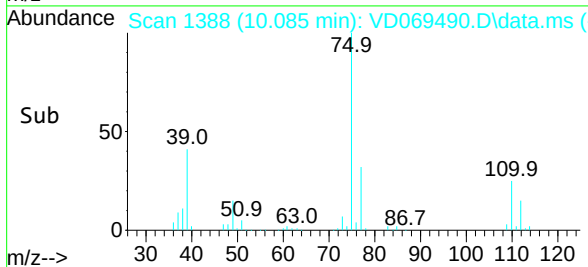
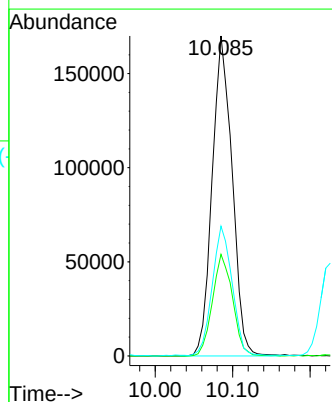
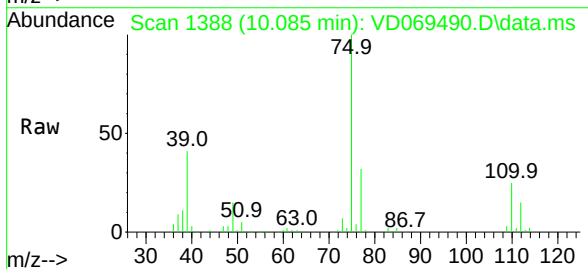
Instrument :  
MSVOA\_D  
ClientSampled :

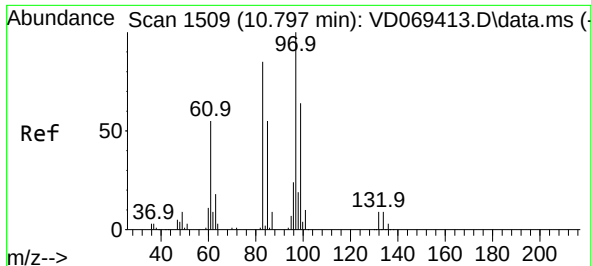
Tgt Ion: 75 Resp: 296970  
Ion Ratio Lower Upper  
75 100  
77 30.8 25.1 37.7



#54  
cis-1,3-Dichloropropene  
Concen: 47.565 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 75 Resp: 304215  
Ion Ratio Lower Upper  
75 100  
77 31.7 26.2 39.2  
39 40.4 29.7 44.5

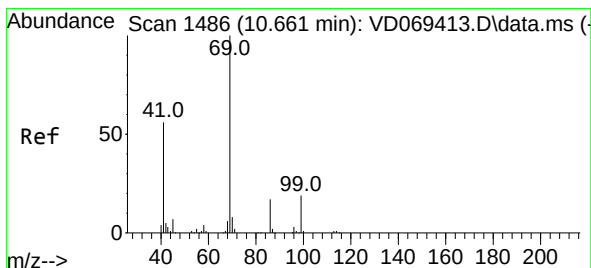
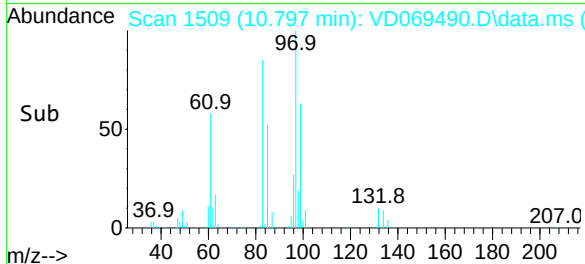
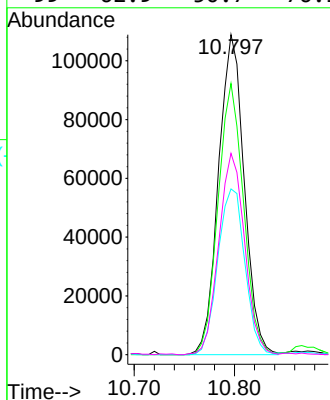
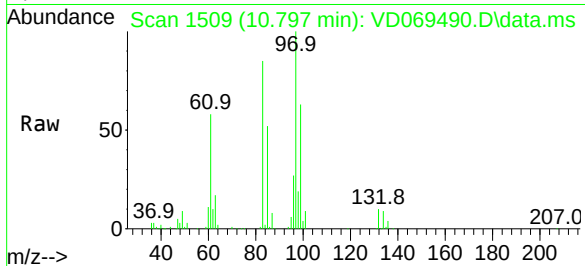




#55  
1,1,2-Trichloroethane  
Concen: 58.168 ug/l  
RT: 10.797 min Scan# 1509  
Delta R.T. -0.001 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

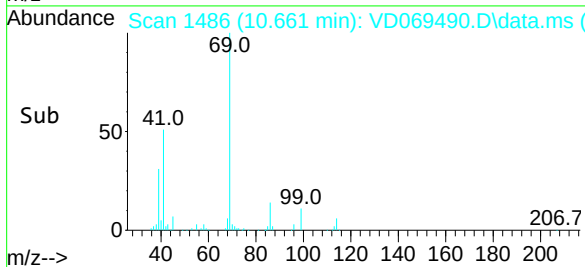
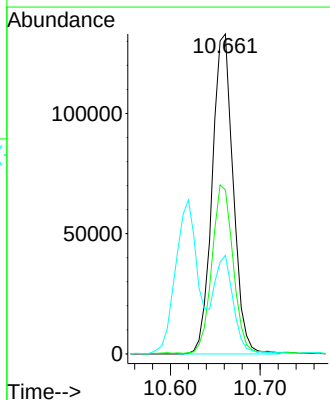
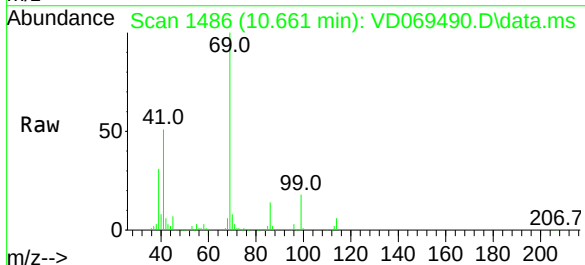
Instrument :  
MSVOA\_D  
ClientSampled :

Tgt Ion: 97 Resp: 193714  
Ion Ratio Lower Upper  
97 100  
83 84.8 69.4 104.0  
85 51.8 44.5 66.7  
99 62.9 50.7 76.1

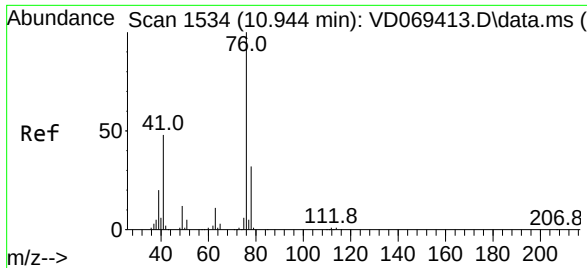


#56  
Ethyl methacrylate  
Concen: 56.391 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 69 Resp: 215906  
Ion Ratio Lower Upper  
69 100  
41 53.5 45.4 68.2  
39 26.9 21.7 32.5



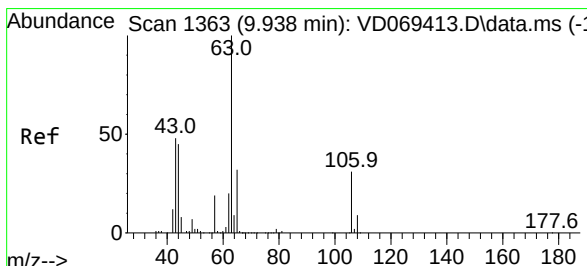
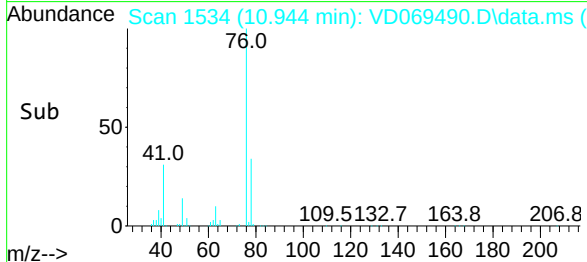
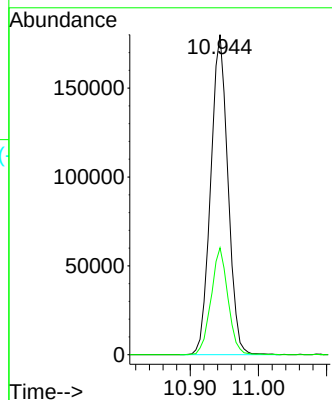
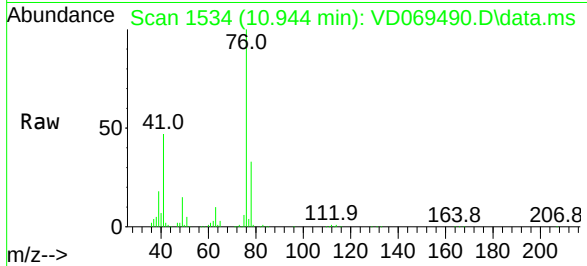




#57  
1,3-Dichloropropane  
Concen: 58.371 ug/l  
RT: 10.944 min Scan# 1534  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

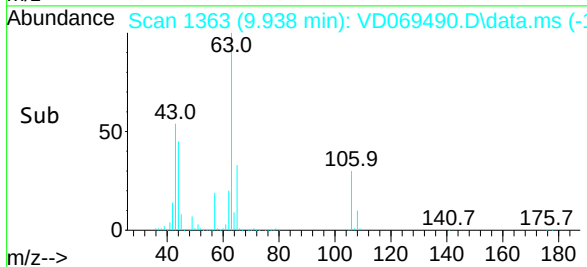
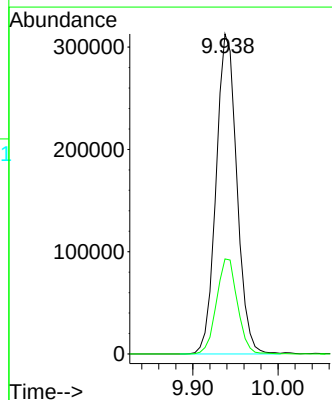
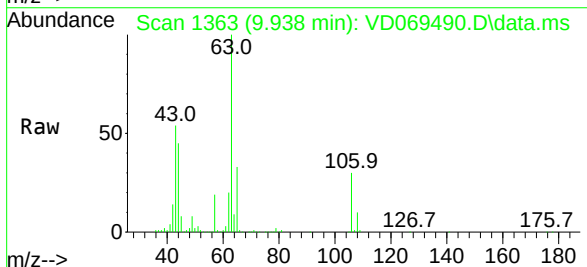
Instrument :  
MSVOA\_D  
ClientSampleId :

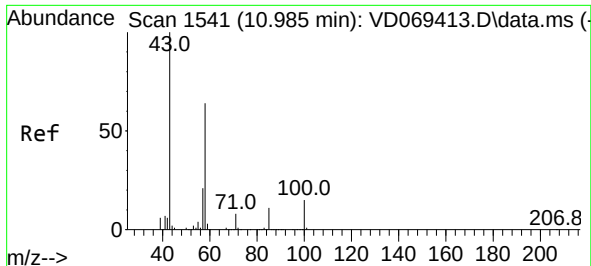
Tgt Ion: 76 Resp: 316439  
Ion Ratio Lower Upper  
76 100  
78 32.7 26.2 39.2



#58  
2-Chloroethyl Vinyl ether  
Concen: 275.323 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 63 Resp: 529568  
Ion Ratio Lower Upper  
63 100  
106 30.0 24.8 37.2

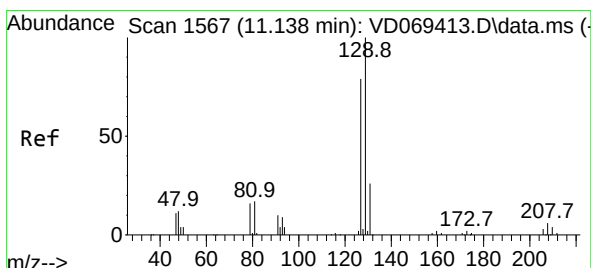
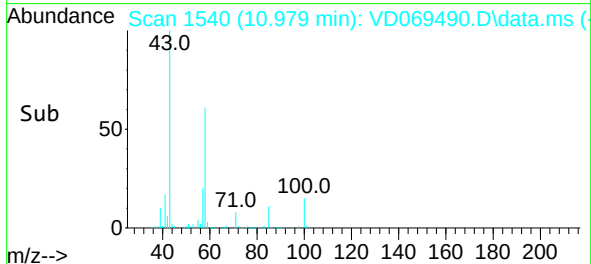
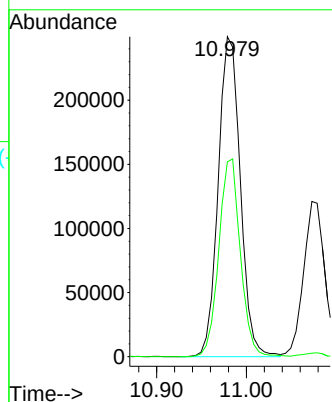
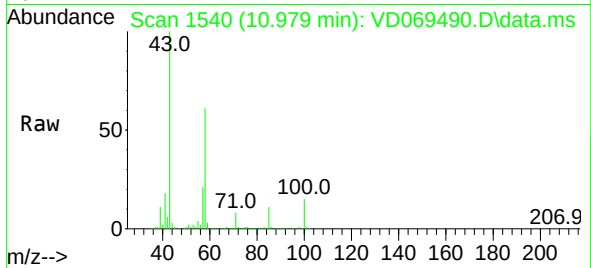




#59  
2-Hexanone  
Concen: 335.047 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

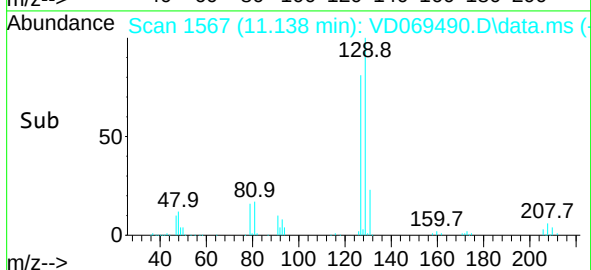
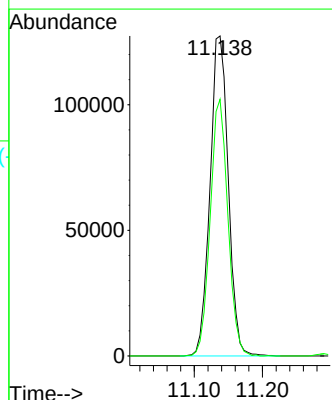
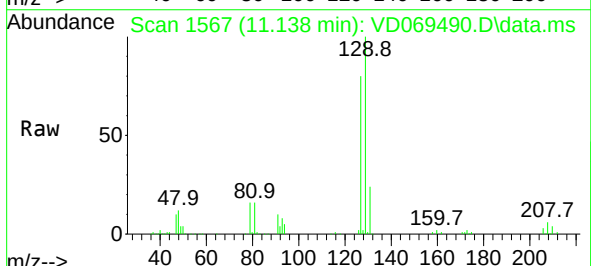
Instrument :  
MSVOA\_D  
ClientSampled :

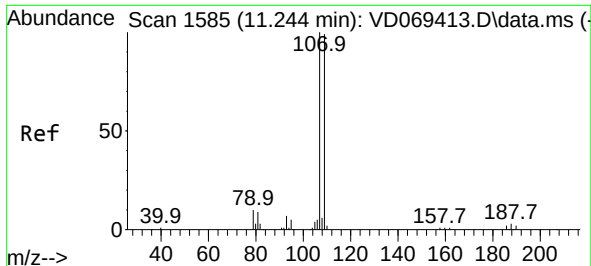
Tgt Ion: 43 Resp: 427195  
Ion Ratio Lower Upper  
43 100  
58 60.3 30.8 92.3



#60  
Dibromochloromethane  
Concen: 55.969 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 129 Resp: 237548  
Ion Ratio Lower Upper  
129 100  
127 77.6 39.6 118.7

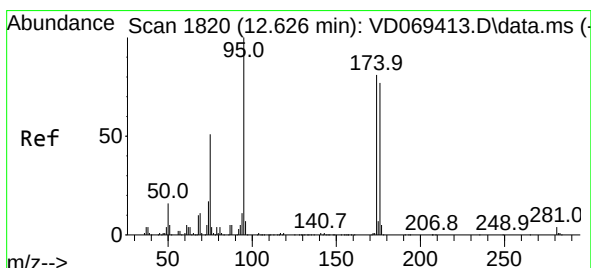
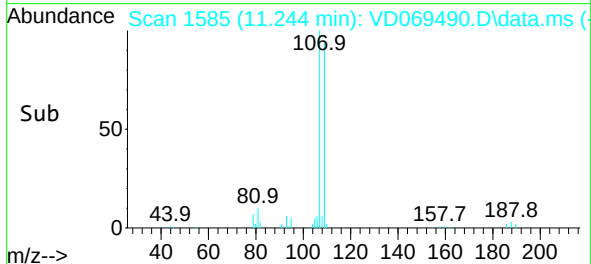
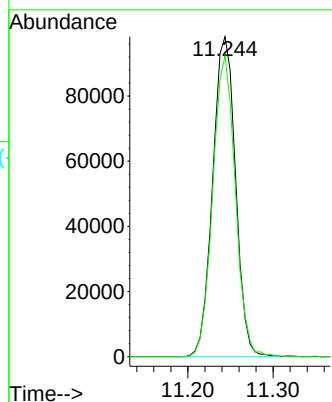
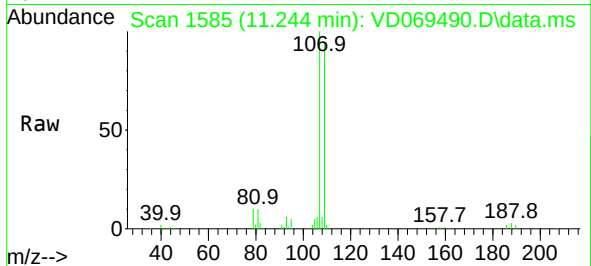




#61  
1,2-Dibromoethane  
Concen: 57.103 ug/l  
RT: 11.244 min Scan# 1585  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

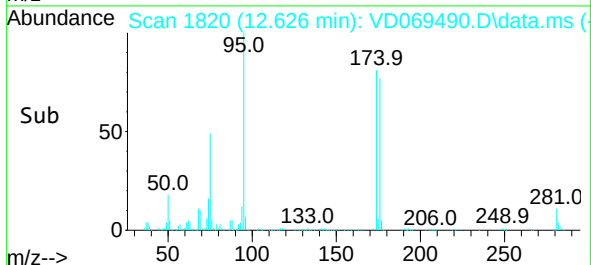
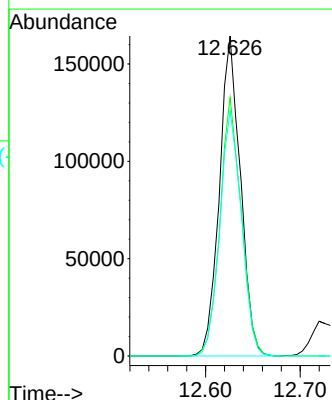
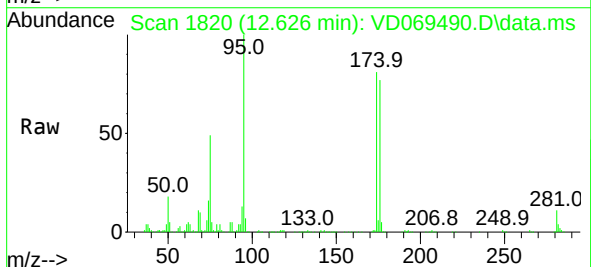
Instrument :  
MSVOA\_D  
ClientSampled :

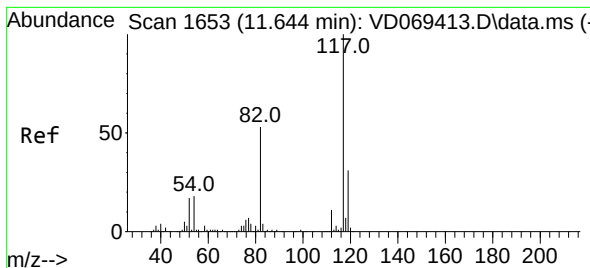
Tgt Ion:107 Resp: 182672  
Ion Ratio Lower Upper  
107 100  
109 93.0 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 50.756 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 95 Resp: 253561  
Ion Ratio Lower Upper  
95 100  
174 81.7 0.0 162.8  
176 78.6 0.0 154.4

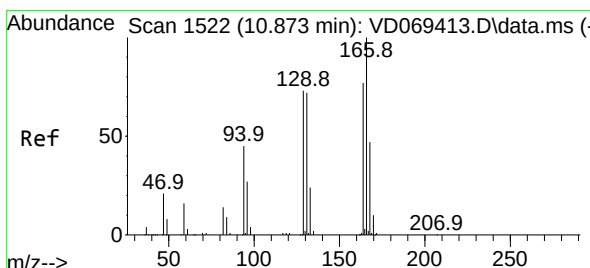
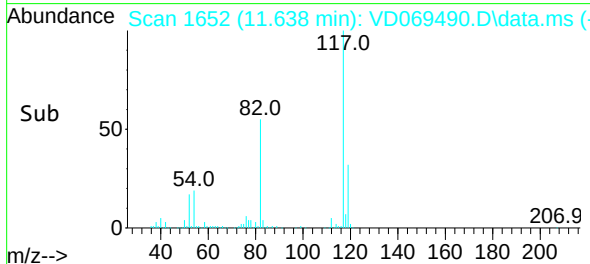
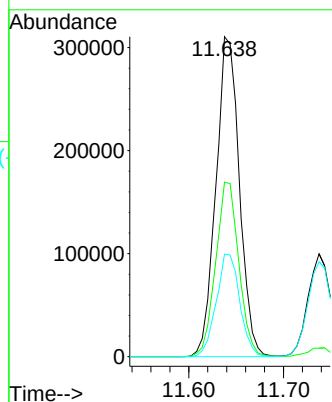
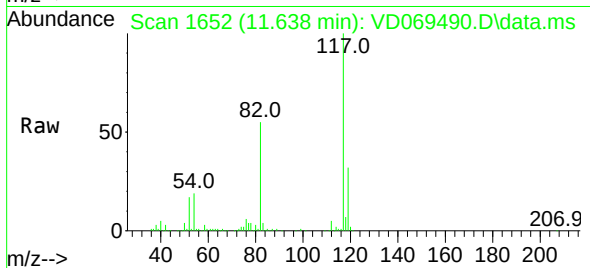




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

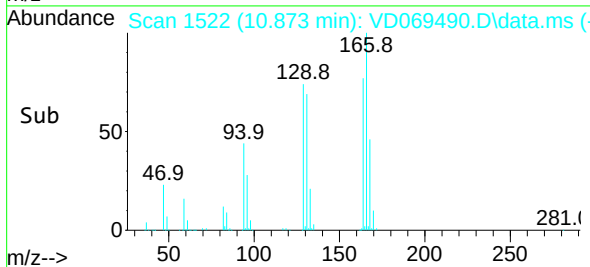
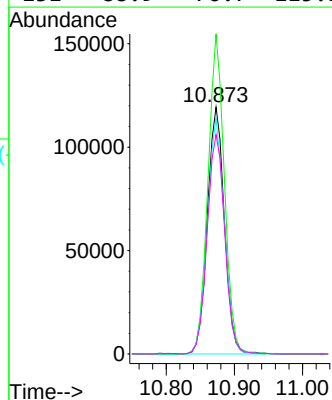
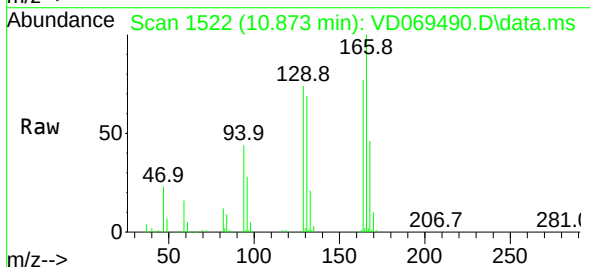
Instrument :  
MSVOA\_D  
ClientSampleId :

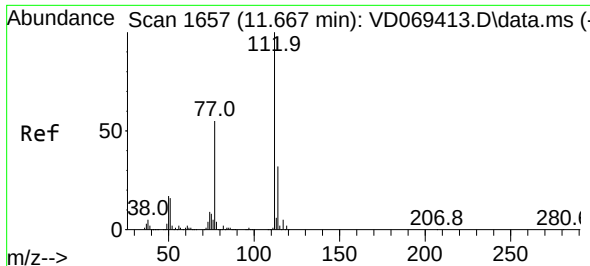
Tgt Ion:117 Resp: 535293  
Ion Ratio Lower Upper  
117 100  
82 54.6 43.3 64.9  
119 32.0 25.3 37.9



#64  
Tetrachloroethene  
Concen: 50.096 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion:164 Resp: 207393  
Ion Ratio Lower Upper  
164 100  
166 129.7 100.2 150.4  
129 95.5 78.1 117.1  
131 88.9 76.7 115.1

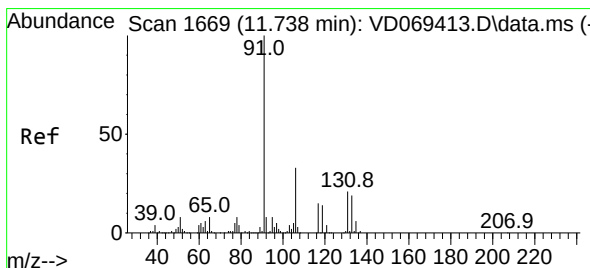
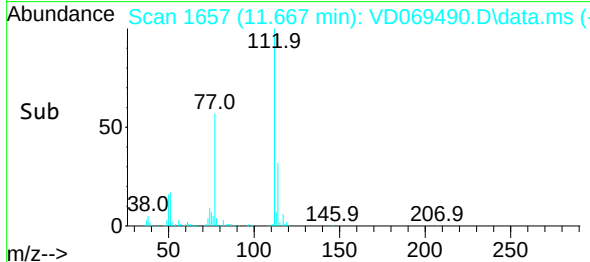
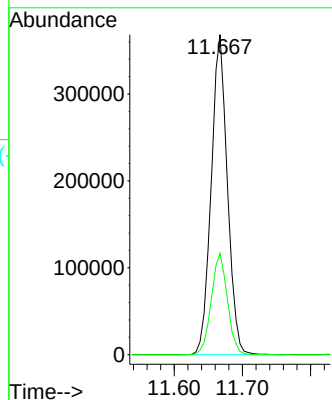
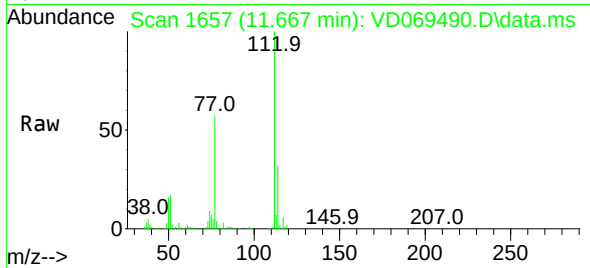




#65  
Chlorobenzene  
Concen: 51.606 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

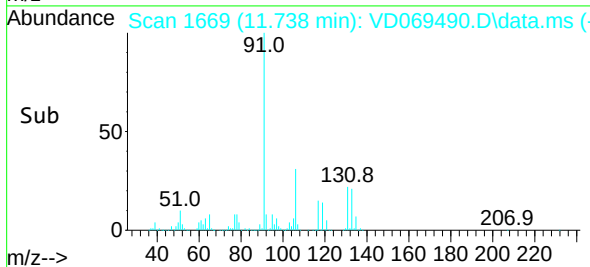
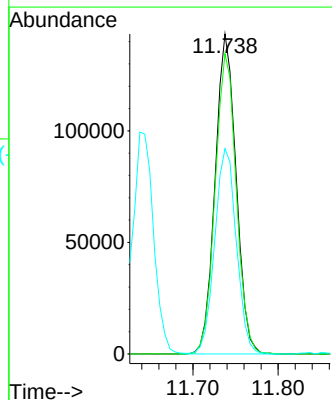
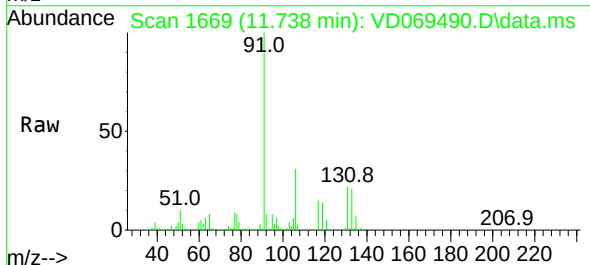
Instrument :  
MSVOA\_D  
ClientSampleId :

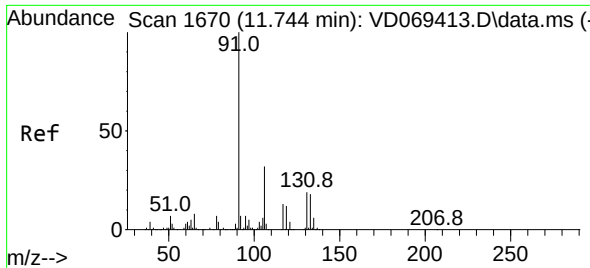
Tgt Ion:112 Resp: 607604  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.6 38.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.236 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion:131 Resp: 245099  
Ion Ratio Lower Upper  
131 100  
133 94.6 47.4 142.2  
119 66.3 32.8 98.3

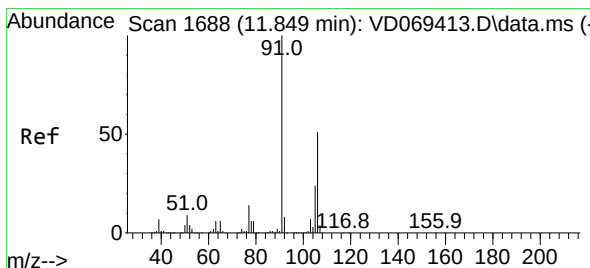
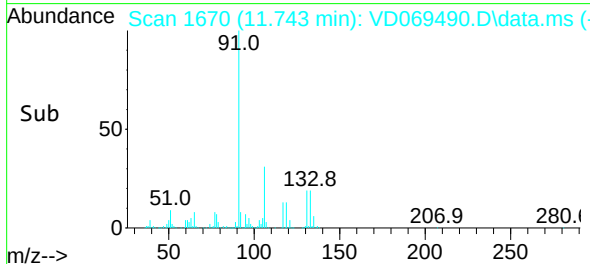
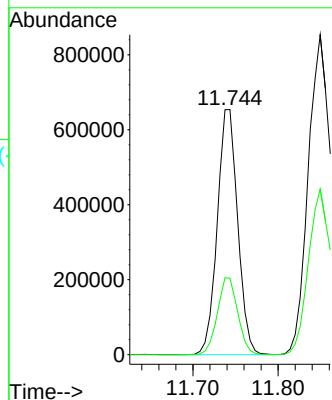
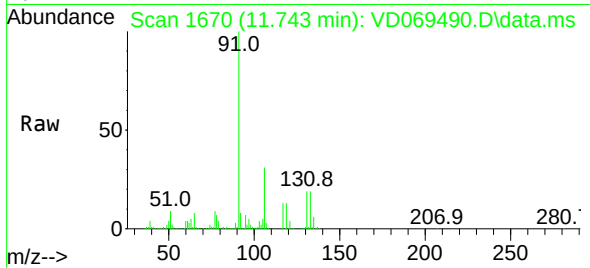




#67  
Ethyl Benzene  
Concen: 55.270 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. -0.001 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

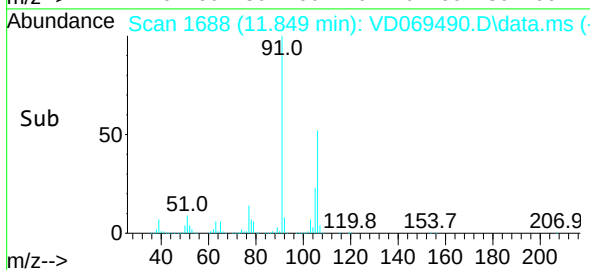
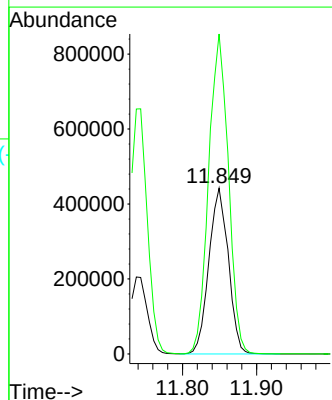
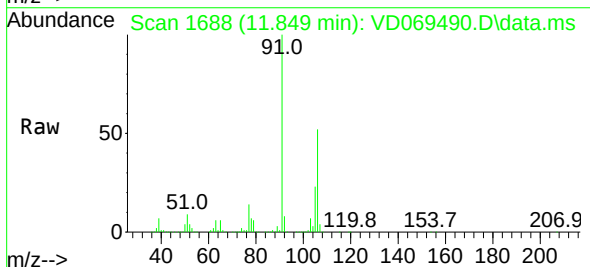
Instrument :  
MSVOA\_D  
ClientSampleId :

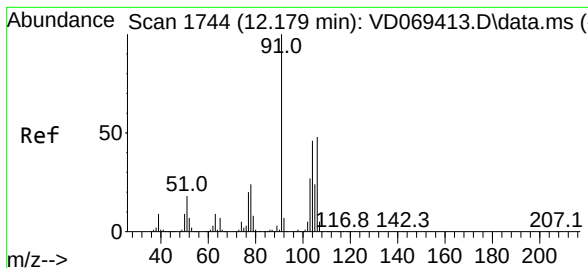
Tgt Ion: 91 Resp: 1091332  
Ion Ratio Lower Upper  
91 100  
106 31.2 25.9 38.9



#68  
m/p-Xylenes  
Concen: 102.886 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion:106 Resp: 806970  
Ion Ratio Lower Upper  
106 100  
91 195.4 158.3 237.5

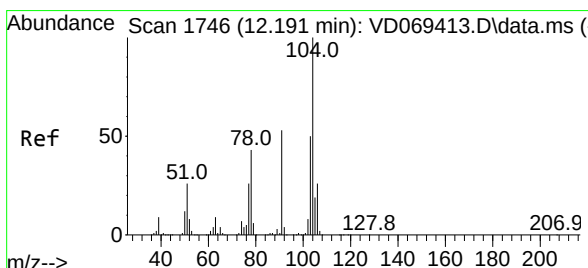
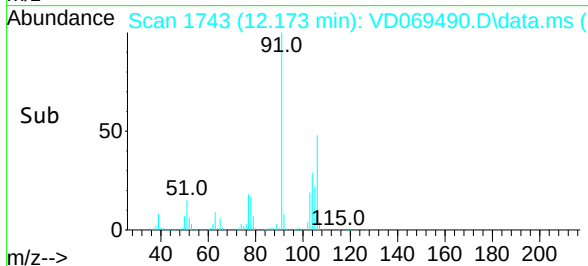
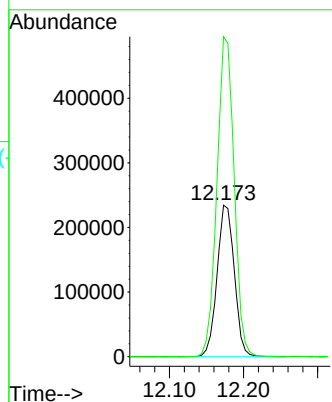
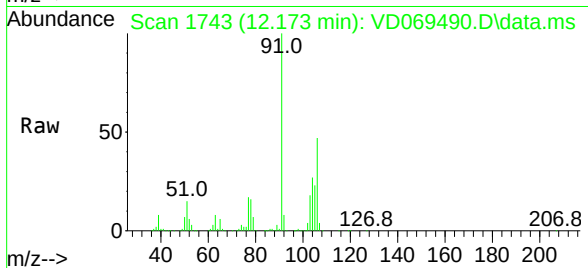




#69  
o-Xylene  
Concen: 54.496 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

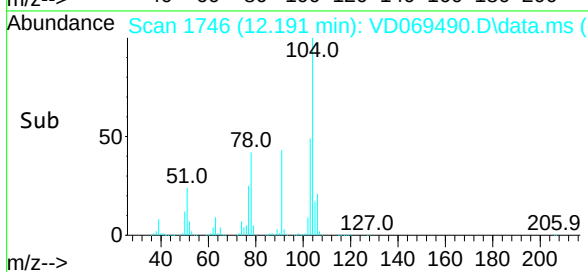
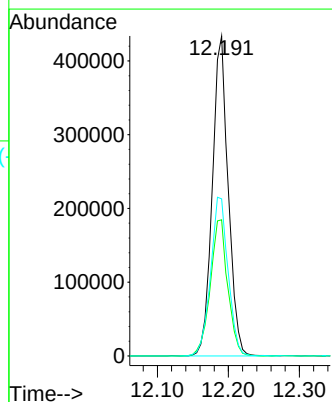
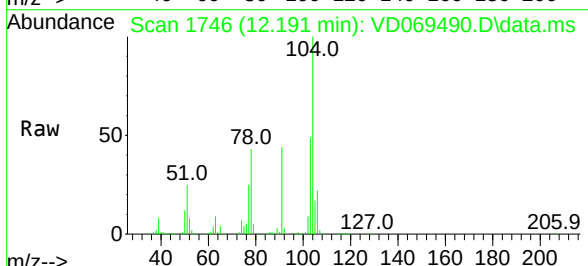
Instrument :  
MSVOA\_D  
ClientSampled :

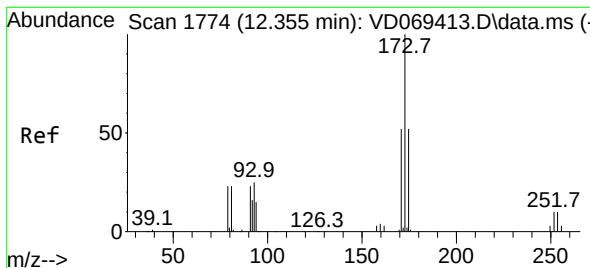
Tgt Ion:106 Resp: 378205  
Ion Ratio Lower Upper  
106 100  
91 211.8 105.5 316.4



#70  
Styrene  
Concen: 55.088 ug/l  
RT: 12.191 min Scan# 1746  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion:104 Resp: 672692  
Ion Ratio Lower Upper  
104 100  
78 46.9 37.5 56.3  
103 54.7 44.3 66.5

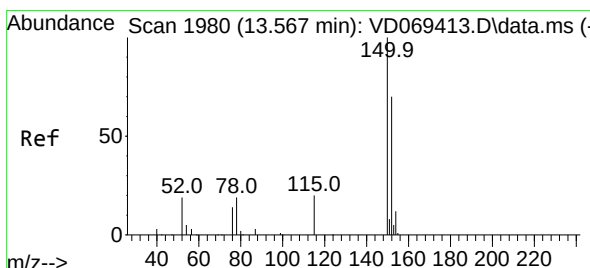
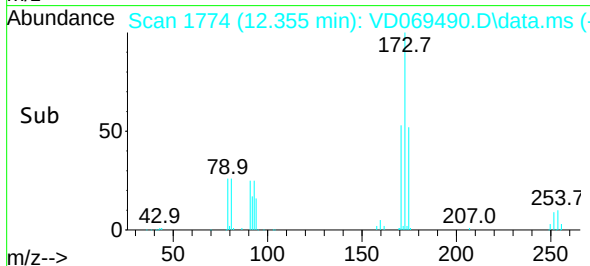
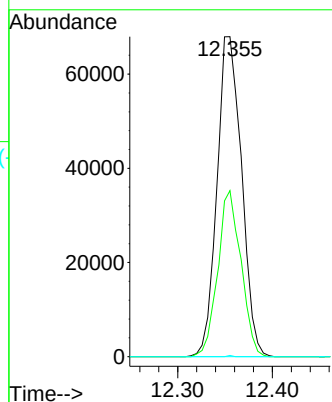
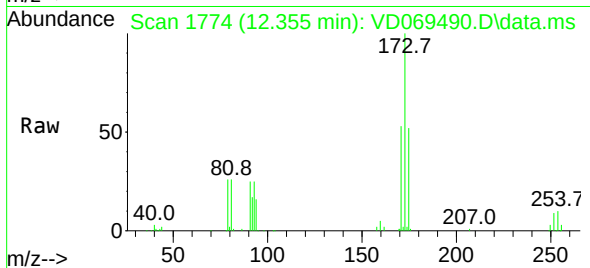




#71  
Bromoform  
Concen: 52.414 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

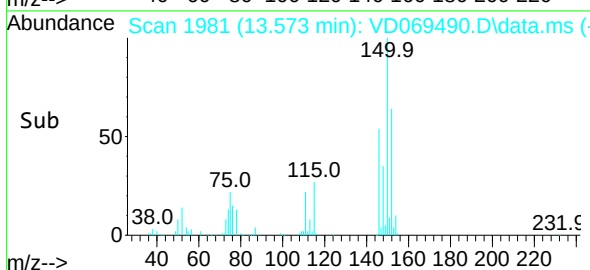
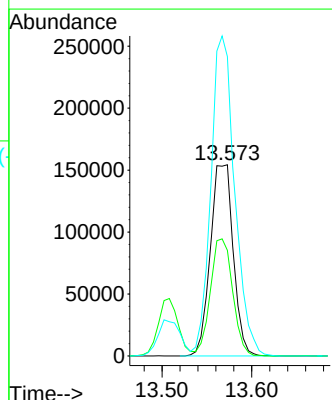
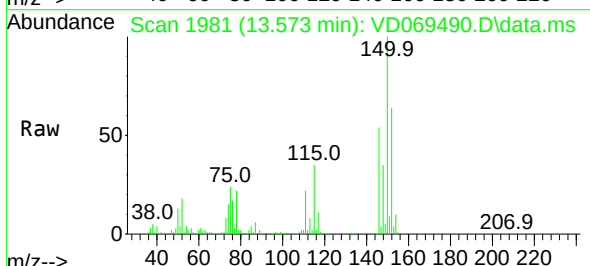
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:173 Resp: 122628  
Ion Ratio Lower Upper  
173 100  
175 49.0 23.8 71.2  
254 0.1 0.0 0.0#

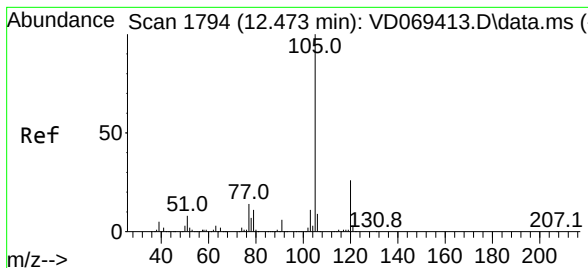


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.573 min Scan# 1981  
Delta R.T. 0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion:152 Resp: 274088  
Ion Ratio Lower Upper  
152 100  
115 59.7 29.4 88.3  
150 173.9 0.0 355.0



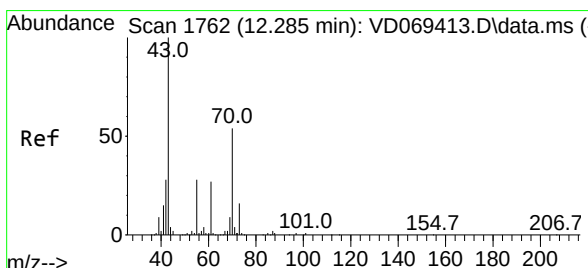
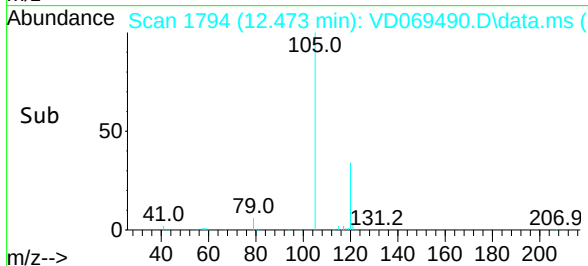
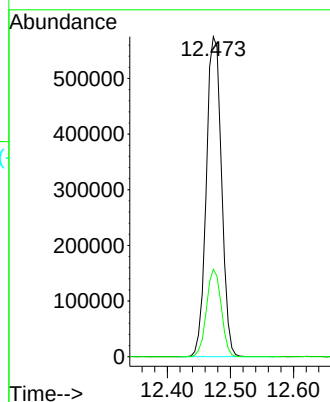
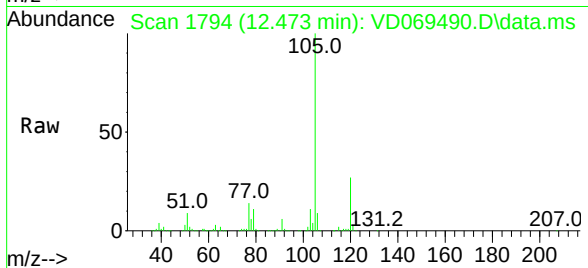




#73  
Isopropylbenzene  
Concen: 49.892 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

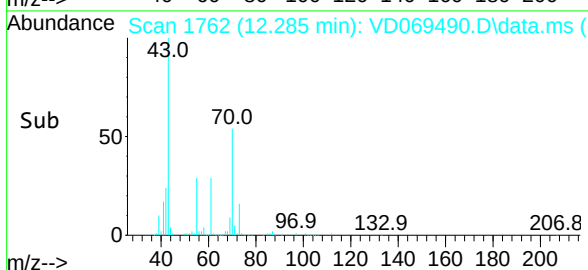
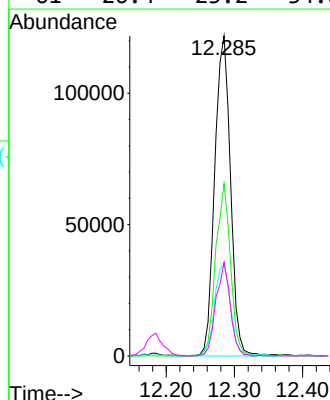
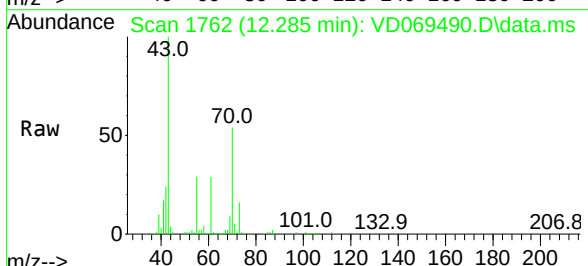
Instrument :  
MSVOA\_D  
ClientSampled :

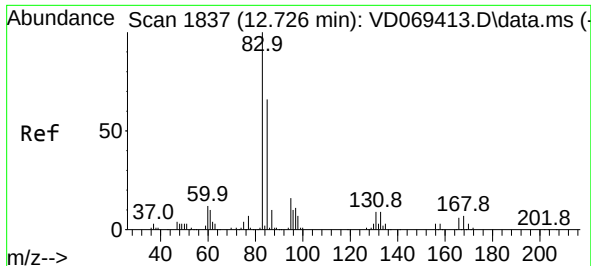
Tgt Ion:105 Resp: 961420  
Ion Ratio Lower Upper  
105 100  
120 26.5 13.5 40.5



#74  
N-ethyl acetate  
Concen: 56.960 ug/l  
RT: 12.285 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 43 Resp: 196905  
Ion Ratio Lower Upper  
43 100  
70 50.3 40.9 61.3  
55 29.1 23.4 35.0  
61 26.4 23.2 34.8

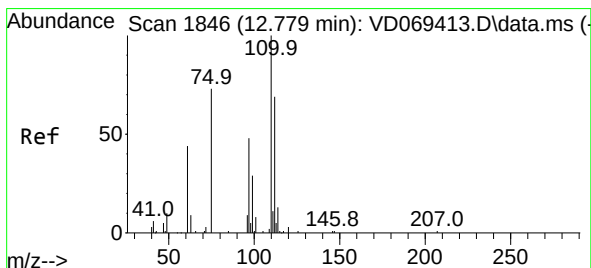
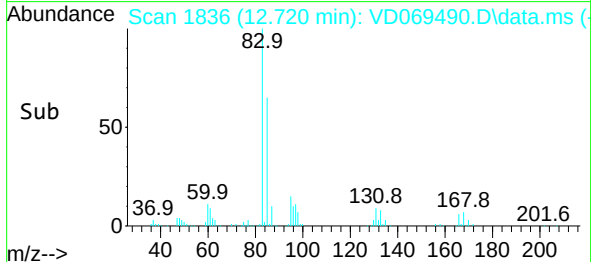
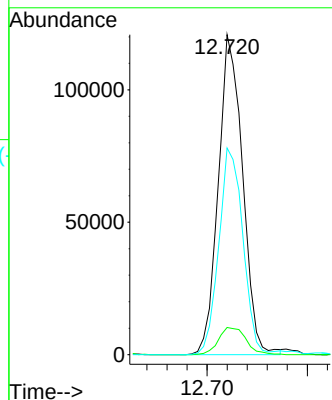
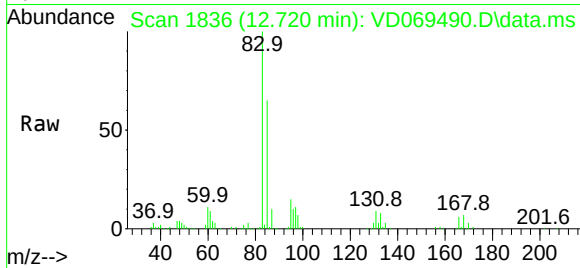




#75  
1,1,2,2-Tetrachloroethane  
Concen: 54.851 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

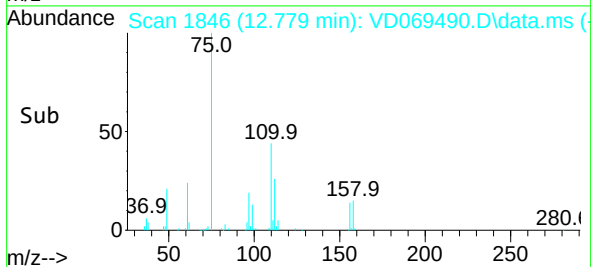
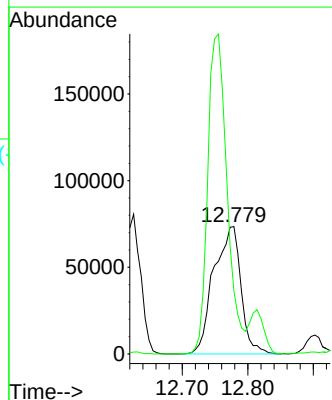
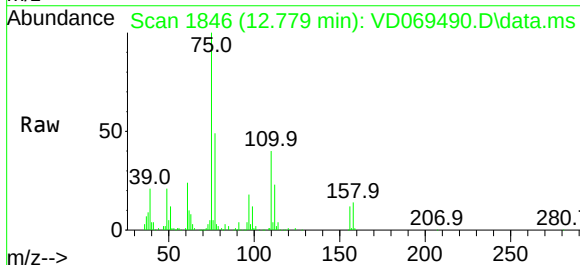
Instrument :  
MSVOA\_D  
ClientSampled :

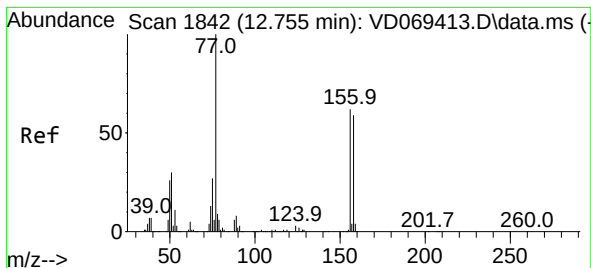
Tgt Ion: 83 Resp: 202932  
Ion Ratio Lower Upper  
83 100  
131 9.7 5.3 16.1  
85 64.2 32.6 98.0



#76  
1,2,3-Trichloropropane  
Concen: 75.944 ug/l  
RT: 12.779 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 75 Resp: 211032  
Ion Ratio Lower Upper  
75 100  
77 0.0 183.8 551.2#

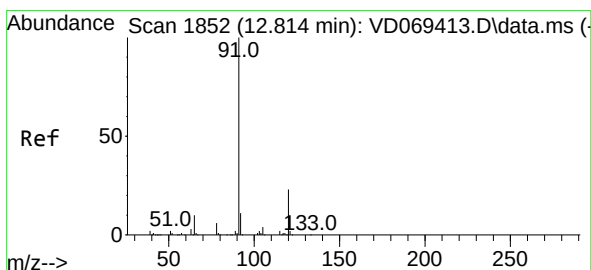
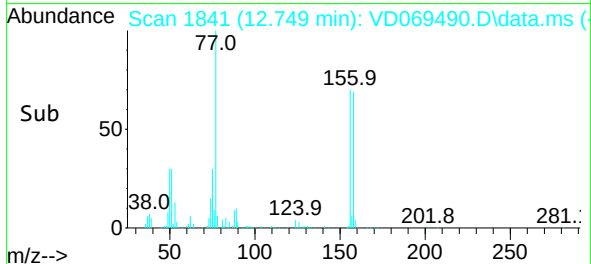
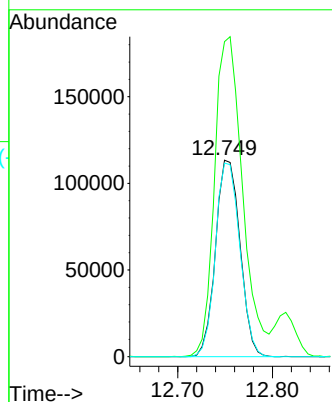
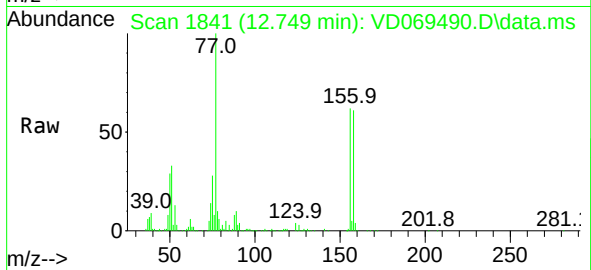




#77  
Bromobenzene  
Concen: 42.189 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

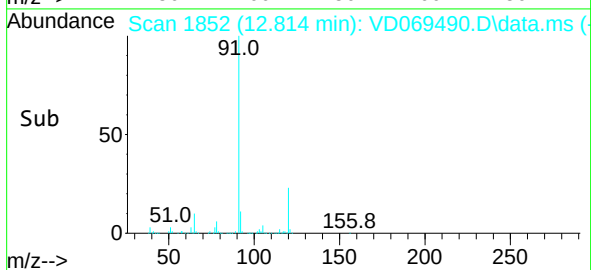
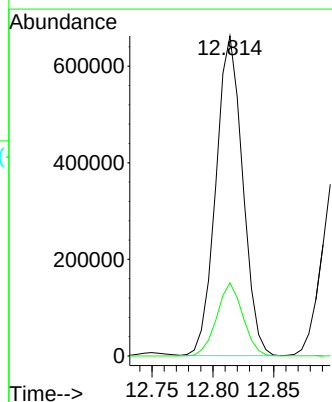
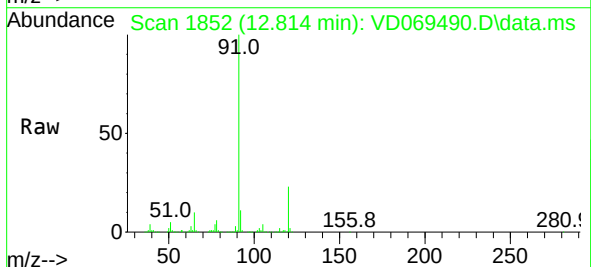
Instrument :  
MSVOA\_D  
ClientSampleId :

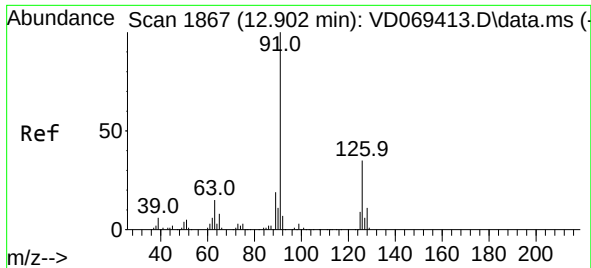
Tgt Ion:156 Resp: 203833  
Ion Ratio Lower Upper  
156 100  
77 186.3 89.3 267.9  
158 98.3 48.0 144.2



#78  
n-propylbenzene  
Concen: 42.807 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 91 Resp: 1012295  
Ion Ratio Lower Upper  
91 100  
120 22.3 11.6 34.8

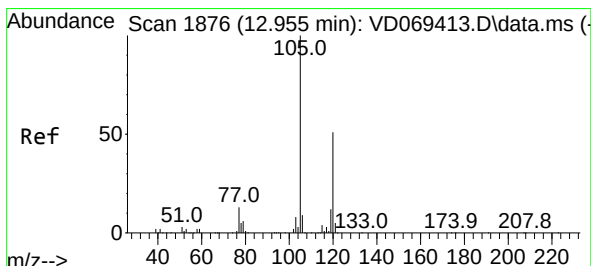
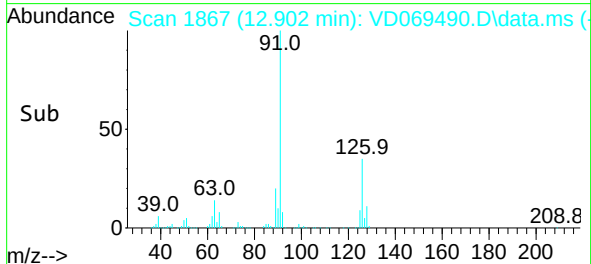
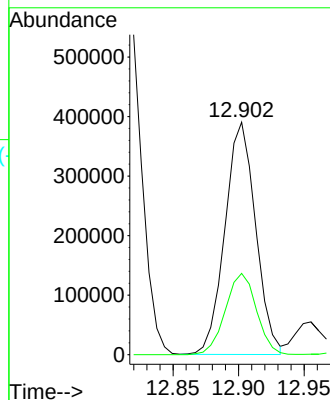
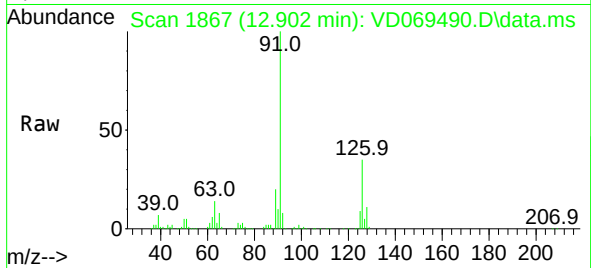




#79  
2-Chlorotoluene  
Concen: 47.278 ug/l  
RT: 12.902 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

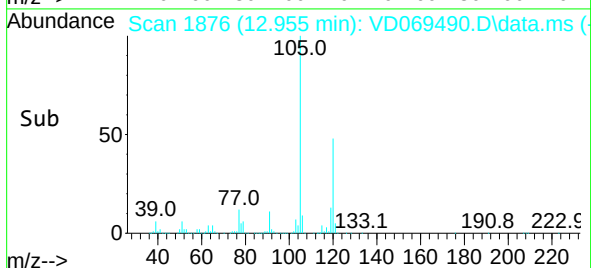
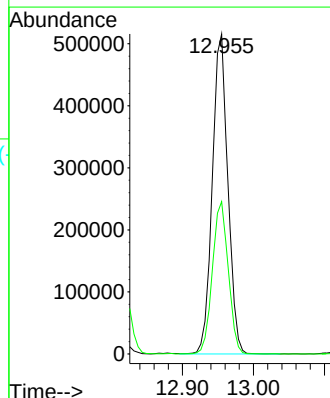
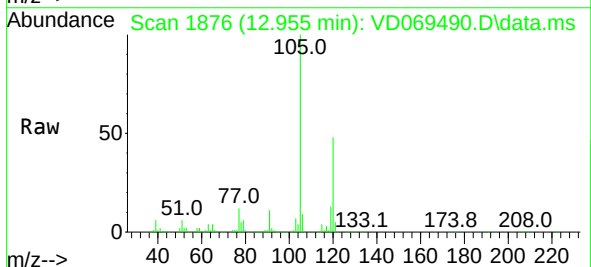
Instrument :  
MSVOA\_D  
ClientSampled :

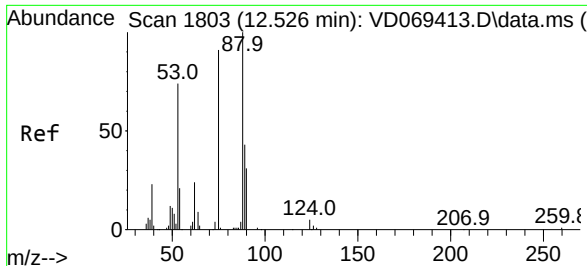
Tgt Ion: 91 Resp: 635528  
Ion Ratio Lower Upper  
91 100  
126 35.5 16.8 50.3



#80  
1,3,5-Trimethylbenzene  
Concen: 48.193 ug/l  
RT: 12.955 min Scan# 1876  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

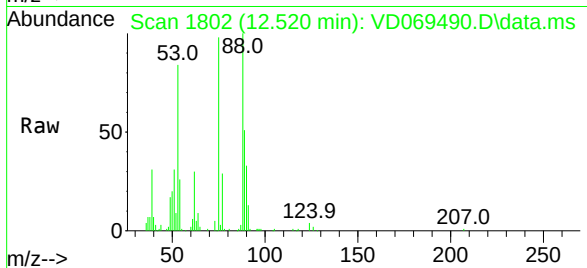
Tgt Ion: 105 Resp: 782890  
Ion Ratio Lower Upper  
105 100  
120 48.6 24.9 74.7



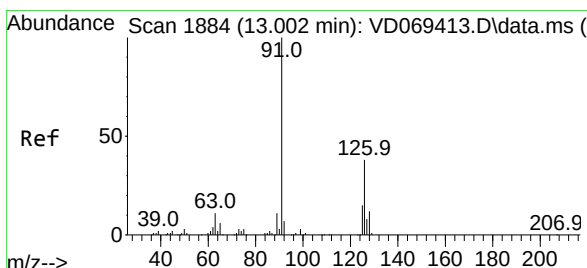
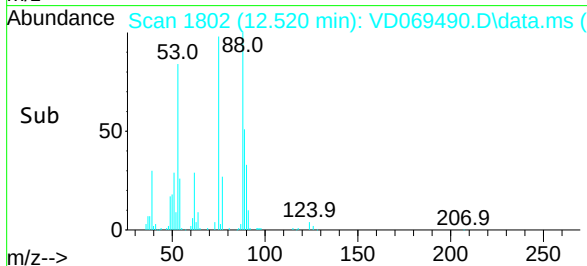
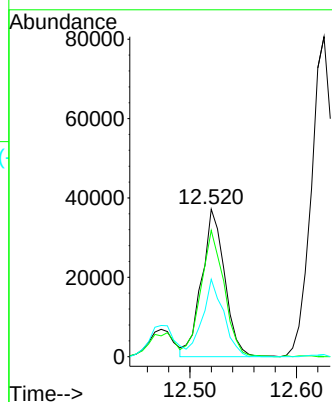


#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.543 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Instrument :  
MSVOA\_D  
ClientSampleId :

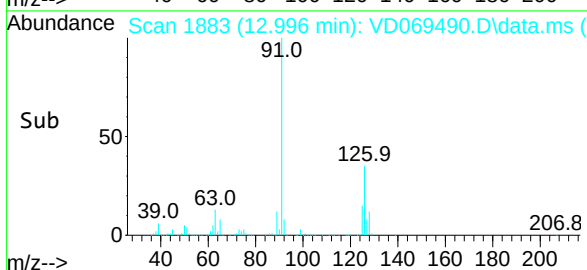
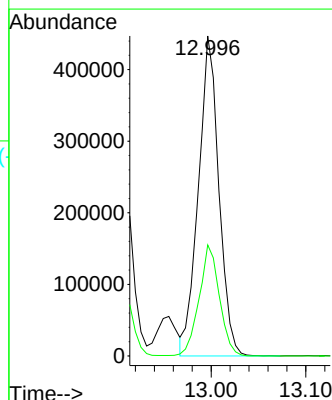
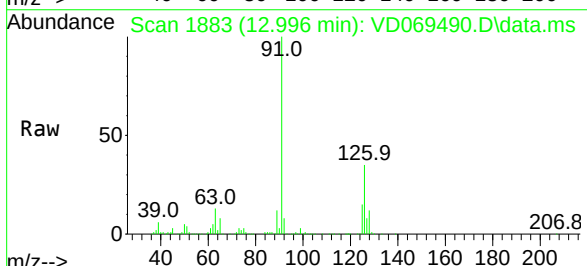


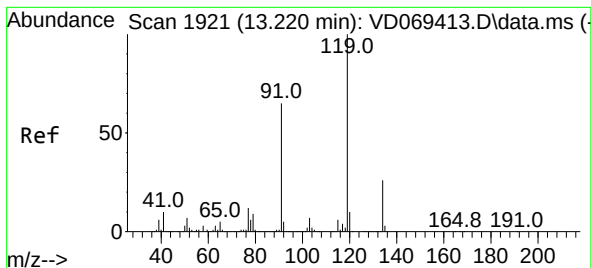
Tgt Ion: 75 Resp: 55772  
Ion Ratio Lower Upper  
75 100  
53 87.0 62.6 94.0  
89 48.5 35.6 53.4



#82  
4-Chlorotoluene  
Concen: 46.986 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 91 Resp: 672192  
Ion Ratio Lower Upper  
91 100  
126 34.5 17.4 52.2

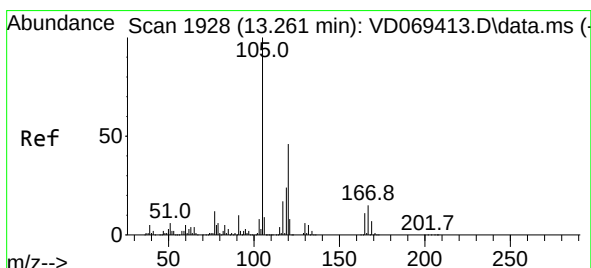
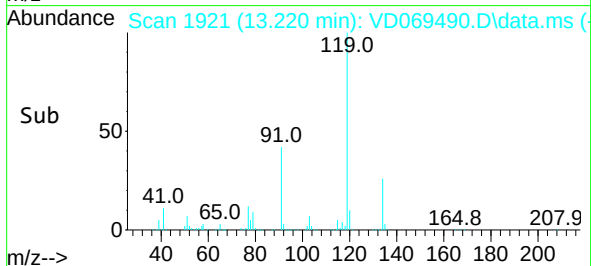
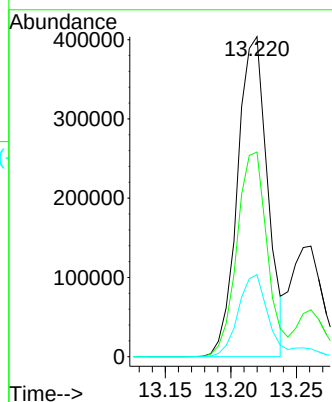
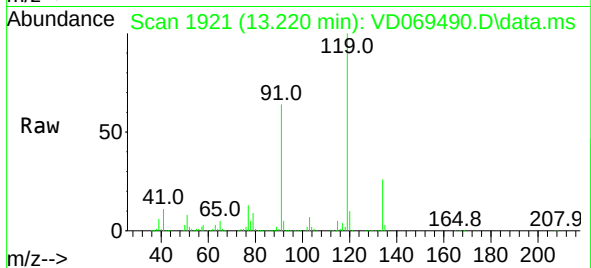




#83  
tert-Butylbenzene  
Concen: 46.464 ug/l  
RT: 13.220 min Scan# 1921  
Delta R.T. -0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

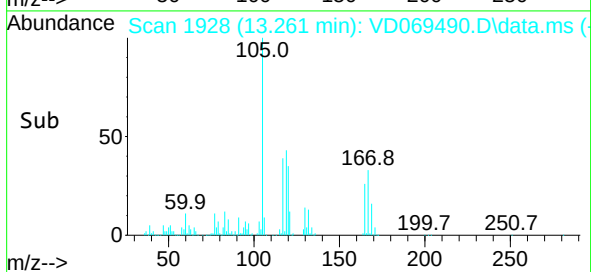
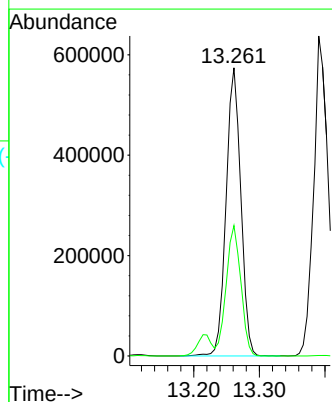
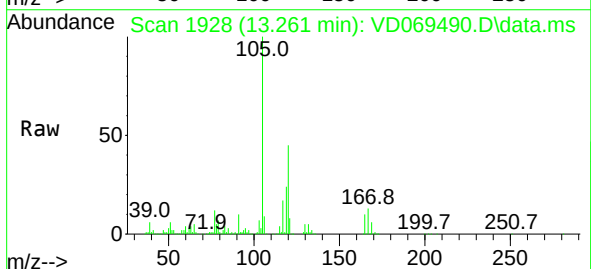
Instrument :  
MSVOA\_D  
ClientSampleId :

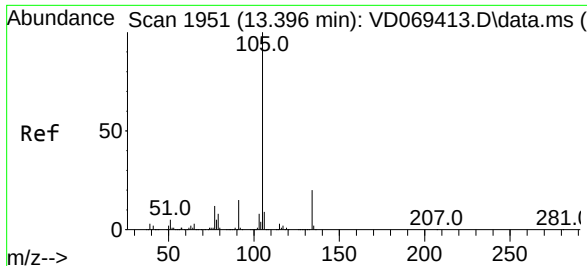
Tgt Ion:119 Resp: 642572  
Ion Ratio Lower Upper  
119 100  
91 65.1 31.7 95.1  
134 27.4 13.4 40.1



#84  
1,2,4-Trimethylbenzene  
Concen: 55.014 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion:105 Resp: 893496  
Ion Ratio Lower Upper  
105 100  
120 45.0 22.6 67.8

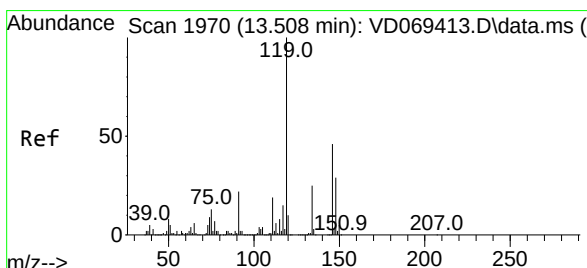
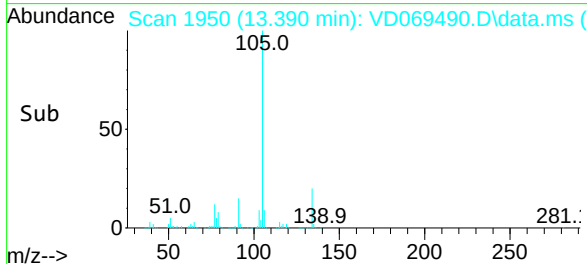
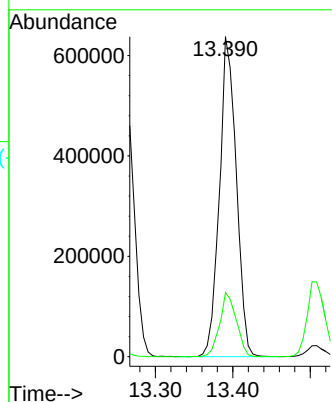
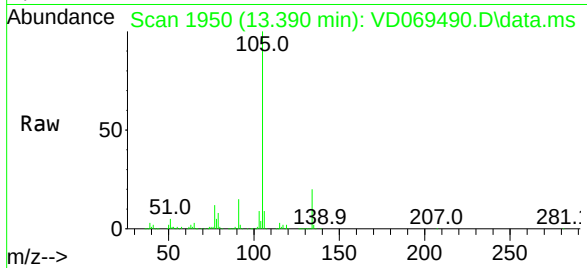




#85  
 sec-Butylbenzene  
 Concen: 47.529 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. -0.006 min  
 Lab File: VD069490.D  
 Acq: 17 Jun 2021 20:06

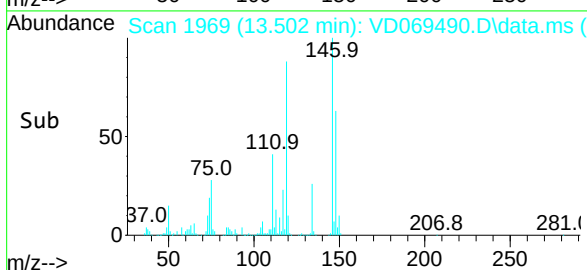
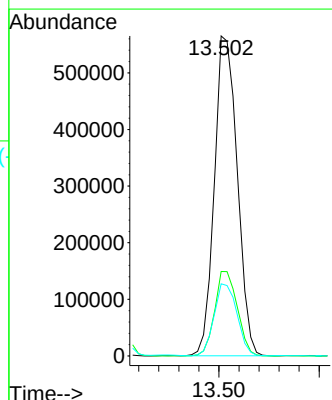
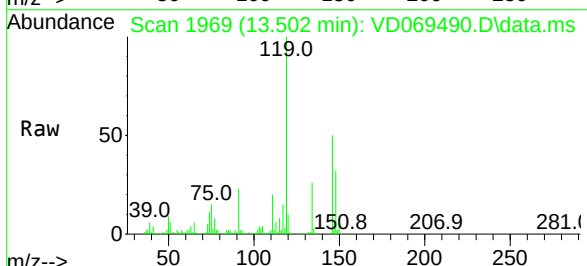
Instrument :  
 MSVOA\_D  
 ClientSampled :

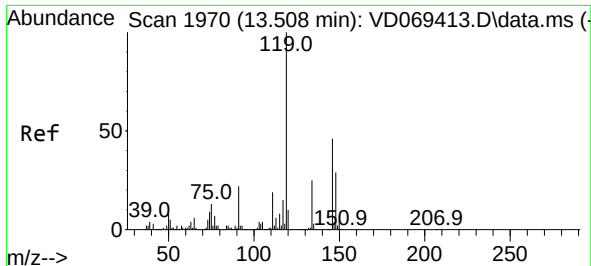
Tgt Ion:105 Resp: 966289  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 10.1 30.3



#86  
 p-Isopropyltoluene  
 Concen: 50.551 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.006 min  
 Lab File: VD069490.D  
 Acq: 17 Jun 2021 20:06

Tgt Ion:119 Resp: 892840  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.0 39.0  
 91 22.6 11.3 33.8

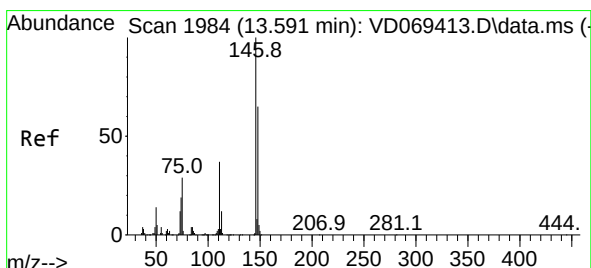
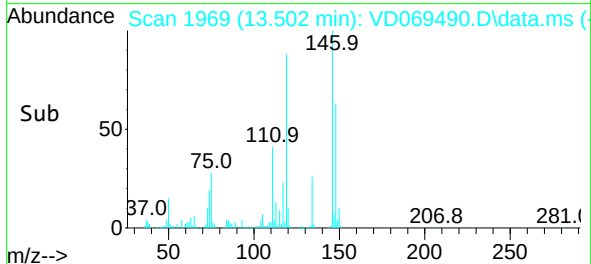
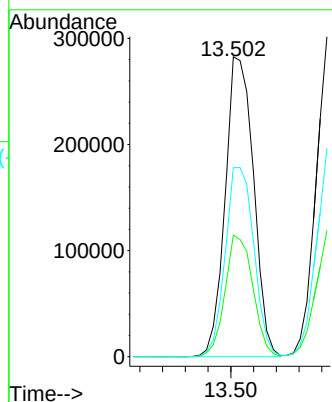
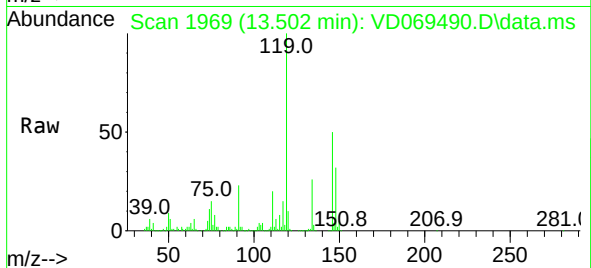




#87  
1,3-Dichlorobenzene  
Concen: 50.633 ug/l  
RT: 13.502 min Scan# 1969  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

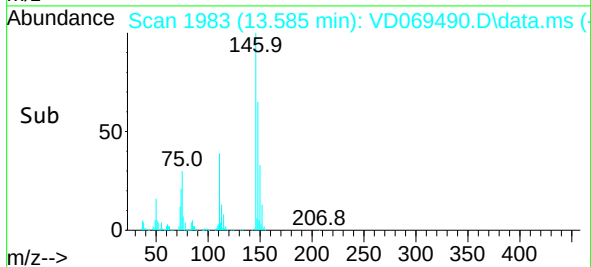
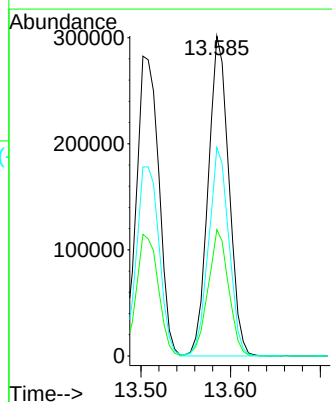
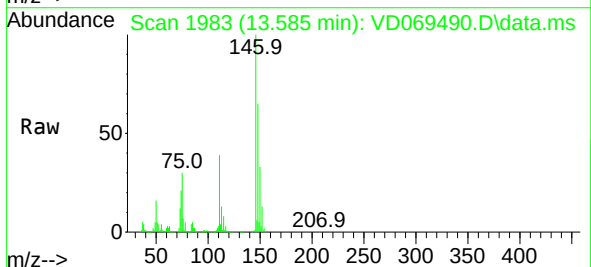
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:146 Resp: 489920  
Ion Ratio Lower Upper  
146 100  
111 39.6 20.3 60.9  
148 63.9 31.9 95.9

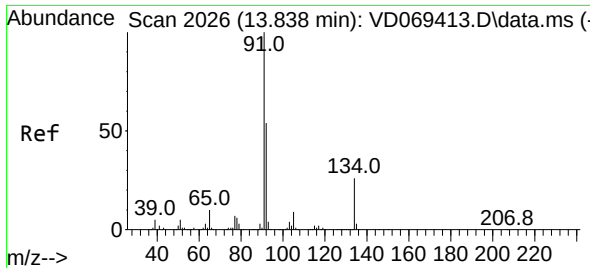


#88  
1,4-Dichlorobenzene  
Concen: 49.941 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion:146 Resp: 481340  
Ion Ratio Lower Upper  
146 100  
111 39.3 19.4 58.4  
148 64.1 31.1 93.3



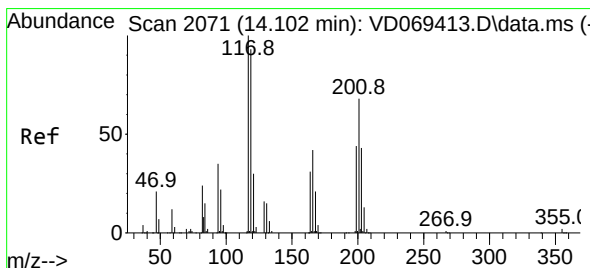
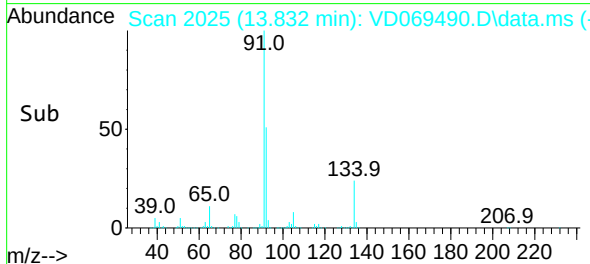
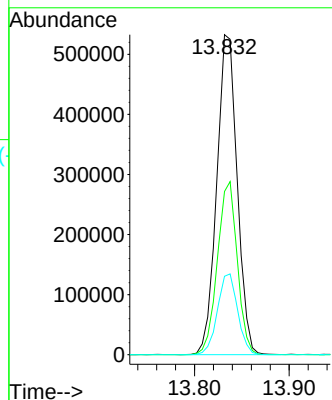
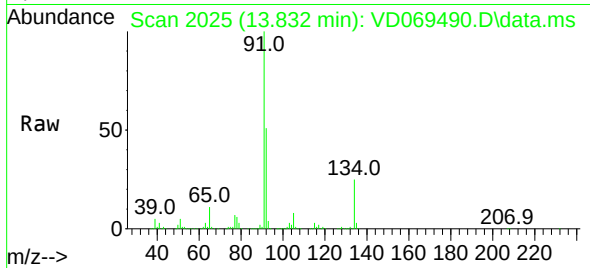




#89  
n-Butylbenzene  
Concen: 48.688 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

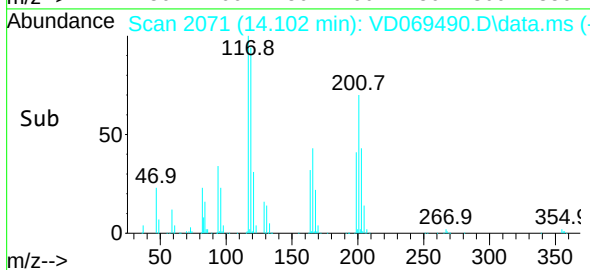
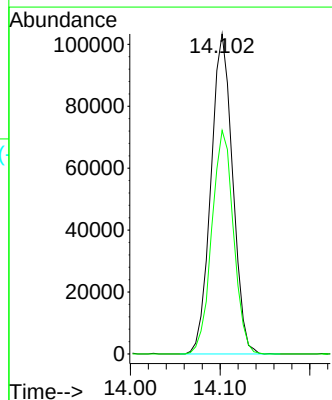
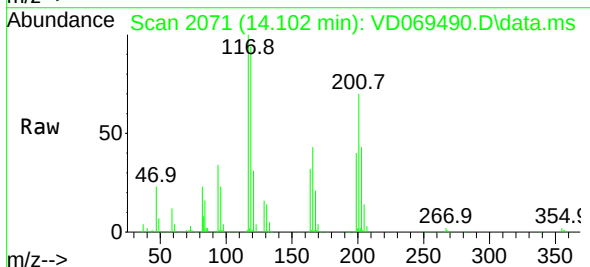
Instrument :  
MSVOA\_D  
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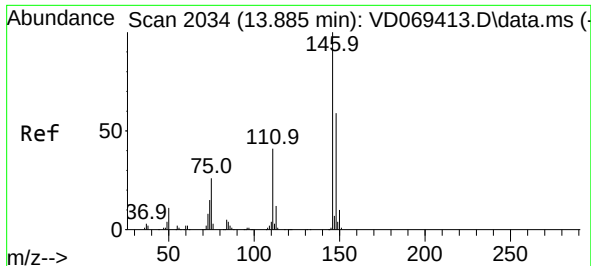
Tgt Ion: 91 Resp: 799966  
Ion Ratio Lower Upper  
91 100  
92 52.6 26.4 79.2  
134 25.0 13.0 38.9



#90  
Hexachloroethane  
Concen: 50.502 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 117 Resp: 173620  
Ion Ratio Lower Upper  
117 100  
201 69.8 36.0 108.1

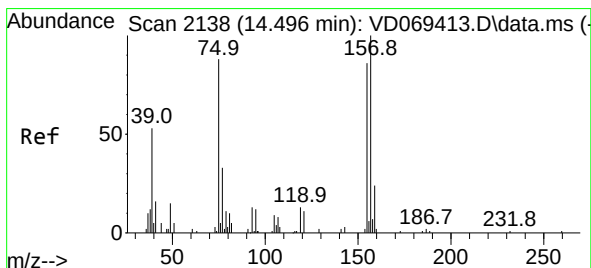
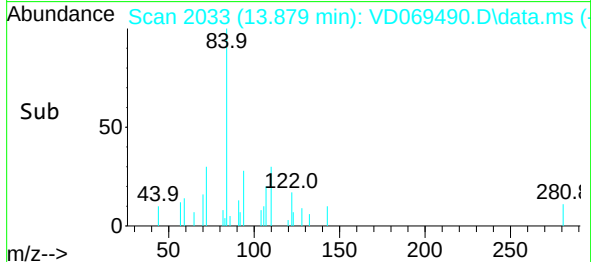
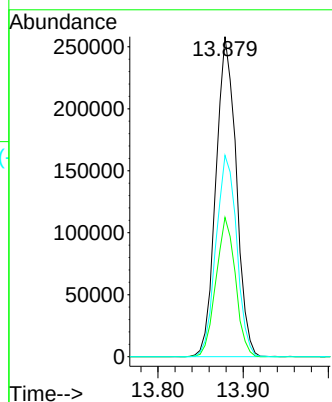
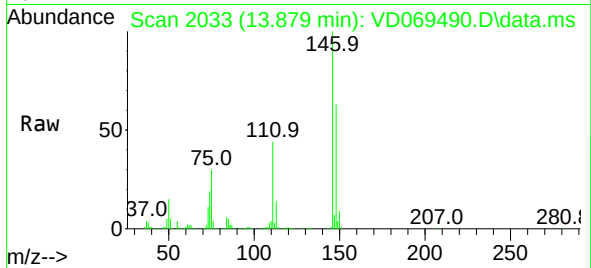




#91  
1,2-Dichlorobenzene  
Concen: 50.653 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

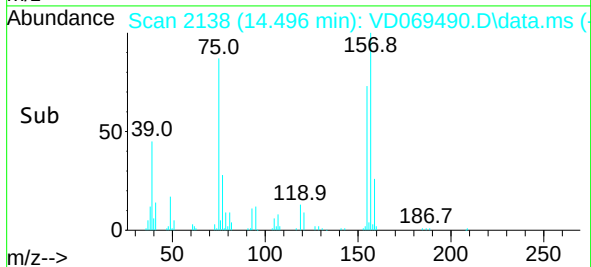
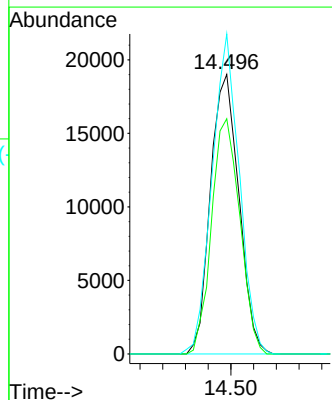
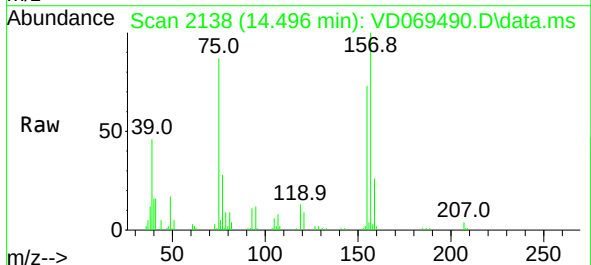
Instrument :  
MSVOA\_D  
ClientSampled :

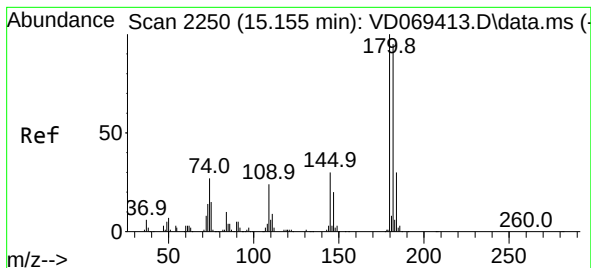
Tgt Ion:146 Resp: 427597  
Ion Ratio Lower Upper  
146 100  
111 41.7 20.5 61.6  
148 64.2 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 59.310 ug/l  
RT: 14.496 min Scan# 2138  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion: 75 Resp: 33046  
Ion Ratio Lower Upper  
75 100  
155 83.6 42.1 126.4  
157 109.8 54.4 163.3

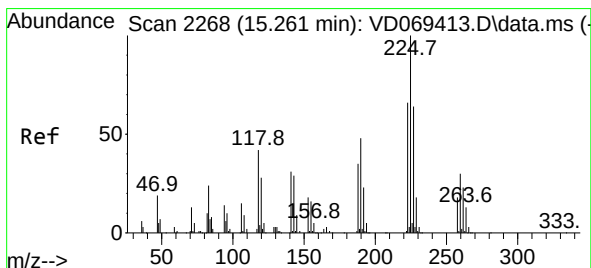
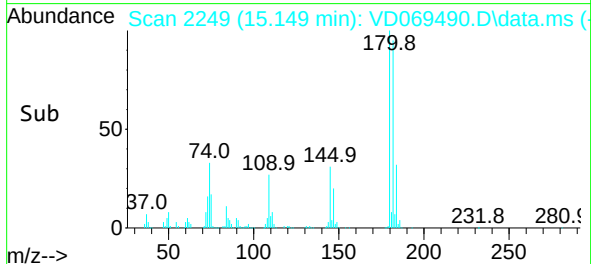
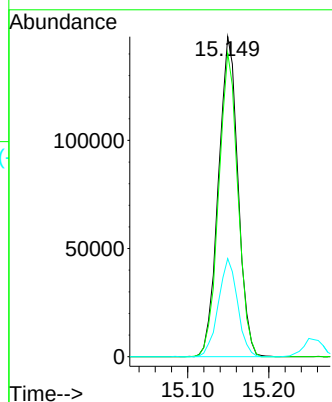
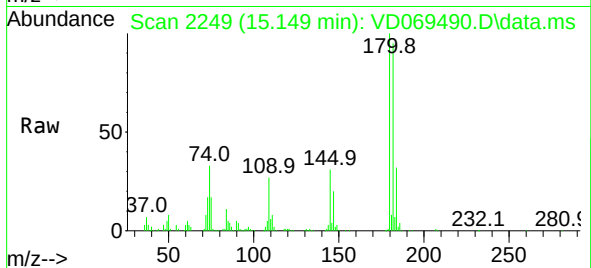




#93  
1,2,4-Trichlorobenzene  
Concen: 50.510 ug/l  
RT: 15.149 min Scan# 2249  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

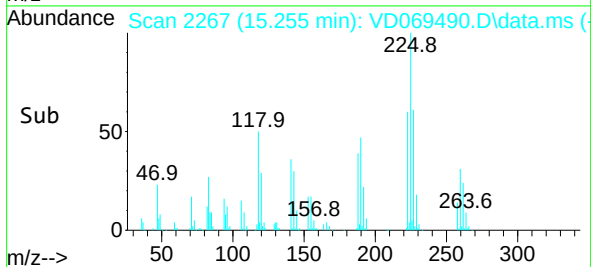
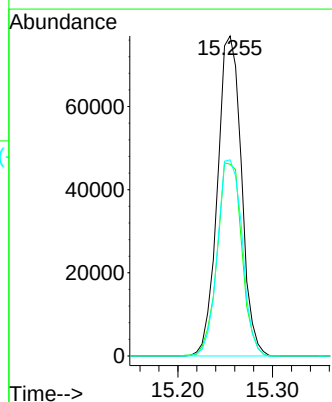
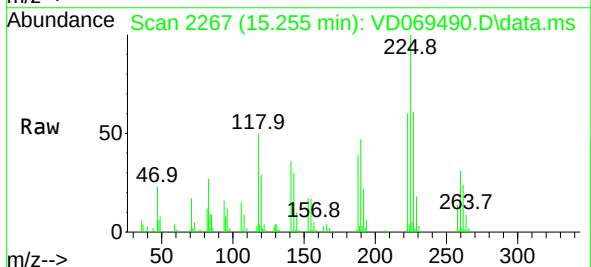
Instrument :  
MSVOA\_D  
ClientSampled :

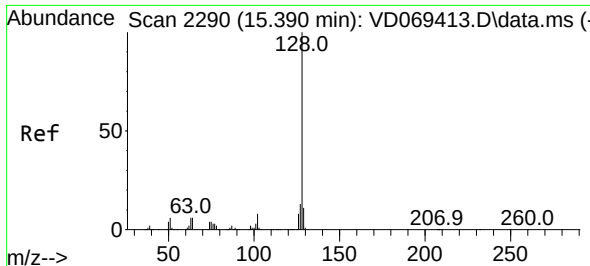
Tgt Ion:180 Resp: 248102  
Ion Ratio Lower Upper  
180 100  
182 93.1 47.3 141.8  
145 30.1 15.2 45.5



#94  
Hexachlorobutadiene  
Concen: 43.983 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion:225 Resp: 135091  
Ion Ratio Lower Upper  
225 100  
223 62.3 30.5 91.5  
227 63.3 31.4 94.2

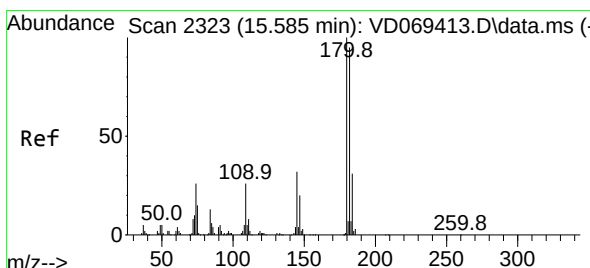
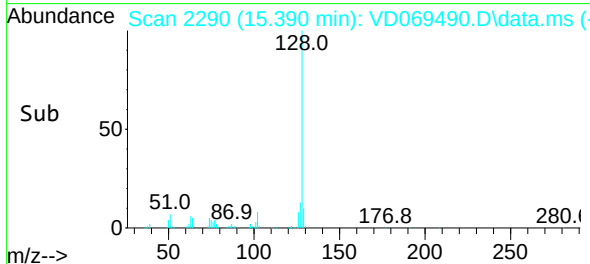
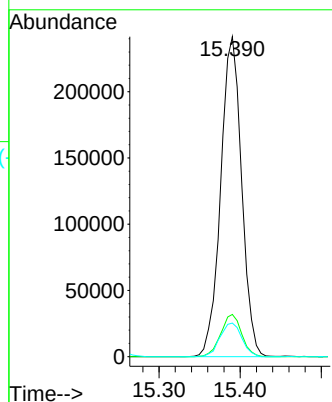
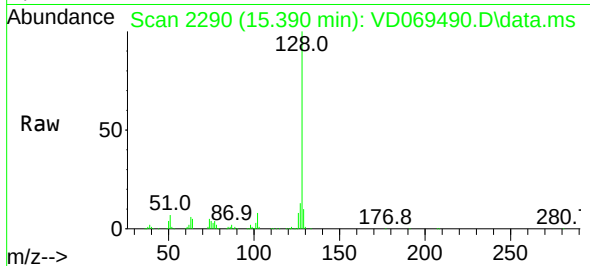




#95  
Naphthalene  
Concen: 45.930 ug/l  
RT: 15.390 min Scan# 2290  
Delta R.T. 0.000 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Instrument :  
MSVOA\_D  
ClientSampled :

Tgt Ion:128 Resp: 433166  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.4 15.6  
129 11.0 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 53.591 ug/l  
RT: 15.579 min Scan# 2322  
Delta R.T. -0.006 min  
Lab File: VD069490.D  
Acq: 17 Jun 2021 20:06

Tgt Ion:180 Resp: 228546  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.0 141.0  
145 32.6 15.9 47.7

