

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092121\  
 Data File : VD070399.D  
 Acq On : 21 Sep 2021 12:50  
 Operator : VA/SY  
 Sample : VD0921SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Sep 22 01:46:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 09 03:07:09 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.979  | 168   | 419985   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861  | 114   | 758303   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638 | 117   | 718220   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.561 | 152   | 339417   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326  | 65    | 265615   | 49.255   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 98.500%  |
| 35) Dibromofluoromethane     | 7.914  | 113   | 268692   | 49.779   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 99.560%  |
| 50) Toluene-d8               | 10.338 | 98    | 1019322  | 52.012   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 104.020% |
| 62) 4-Bromofluorobenzene     | 12.620 | 95    | 349877   | 51.083   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 102.160% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.991  | 85    | 96559    | 20.357   | ug/l   | 99       |
| 3) Chloromethane             | 2.209  | 50    | 121996   | 18.961   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.344  | 62    | 129236   | 19.558   | ug/l   | 98       |
| 5) Bromomethane              | 2.750  | 94    | 83677    | 17.467   | ug/l   | 99       |
| 6) Chloroethane              | 2.915  | 64    | 82208    | 18.261   | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.273  | 101   | 173197   | 19.816   | ug/l   | 92       |
| 8) Diethyl Ether             | 3.709  | 74    | 47071    | 19.482   | ug/l   | 91       |
| 9) 1,1,2-Trichlorotrifluo... | 4.091  | 101   | 106937   | 19.697   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.297  | 142   | 90072    | 18.003   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.179  | 59    | 29884    | 49.011   | ug/l # | 100      |
| 12) 1,1-Dichloroethene       | 4.062  | 96    | 93435    | 19.109   | ug/l   | 96       |
| 13) Acrolein                 | 3.926  | 56    | 19494    | 72.717   | ug/l   | 94       |
| 14) Allyl chloride           | 4.715  | 41    | 136413   | 18.986   | ug/l   | 97       |
| 15) Acrylonitrile            | 5.420  | 53    | 110351   | 95.859   | ug/l   | 99       |
| 16) Acetone                  | 4.162  | 43    | 86721    | 90.073   | ug/l   | 95       |
| 17) Carbon Disulfide         | 4.409  | 76    | 333172   | 18.468   | ug/l   | 98       |
| 18) Methyl Acetate           | 4.720  | 43    | 53465    | 19.304   | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 5.473  | 73    | 201962   | 19.113   | ug/l   | 96       |
| 20) Methylene Chloride       | 4.956  | 84    | 151489   | 21.044   | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 5.473  | 96    | 111786   | 19.206   | ug/l   | 98       |
| 22) Diisopropyl ether        | 6.367  | 45    | 301287   | 19.591   | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.309  | 43    | 653849   | 91.777   | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 6.261  | 63    | 207121   | 19.035   | ug/l   | 96       |
| 25) 2-Butanone               | 7.208  | 43    | 117662   | 91.807   | ug/l   | 100      |
| 26) 2,2-Dichloropropane      | 7.203  | 77    | 170907   | 19.432   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.208  | 96    | 119631   | 19.134   | ug/l   | 97       |
| 28) Bromochloromethane       | 7.544  | 49    | 76916    | 17.815   | ug/l   | 95       |
| 29) Tetrahydrofuran          | 7.561  | 42    | 72146    | 87.692   | ug/l   | 99       |
| 30) Chloroform               | 7.708  | 83    | 213014   | 19.095   | ug/l   | 99       |
| 31) Cyclohexane              | 7.985  | 56    | 174147   | 18.747   | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 7.903  | 97    | 177375   | 18.891   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.108  | 75    | 157472   | 19.428   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.291  | 43    | 59637    | 19.677   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 8.091  | 117   | 154851   | 19.317   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.350  | 83    | 170642   | 18.845   | ug/l   | 97       |
| 40) Benzene                  | 8.350  | 78    | 471533   | 19.852   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092121\  
 Data File : VD070399.D  
 Acq On : 21 Sep 2021 12:50  
 Operator : VA/SY  
 Sample : VD0921SBSD01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Sep 22 01:46:36 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 09 03:07:09 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.556  | 41   | 75950    | 47.628  | ug/l # | 27       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 122129   | 19.197  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 106910   | 19.077  | ug/l   | 96       |
| 44) Trichloroethene           | 9.108  | 130  | 112181   | 19.762  | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 118327   | 18.988  | ug/l   | 97       |
| 46) Dibromomethane            | 9.467  | 93   | 60997    | 19.008  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.655  | 83   | 156066   | 19.063  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.455  | 41   | 48427    | 18.716  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 13230    | 411.617 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 267412   | 92.215  | ug/l   | 96       |
| 52) Toluene                   | 10.397 | 92   | 288208   | 20.081  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 141721   | 20.124  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 166528   | 19.430  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 85444    | 19.355  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 90410    | 18.760  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 143125   | 19.043  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 236198   | 101.688 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.979 | 43   | 177590   | 91.788  | ug/l   | 96       |
| 60) Dibromochloromethane      | 11.138 | 129  | 100629   | 19.587  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 81619    | 20.104  | ug/l   | 94       |
| 64) Tetrachloroethene         | 10.867 | 164  | 86739    | 19.836  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.661 | 112  | 294225   | 19.775  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 109193   | 20.038  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.738 | 91   | 505974   | 19.718  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.849 | 106  | 403533   | 40.718  | ug/l   | 98       |
| 69) o-Xylene                  | 12.173 | 106  | 176946   | 19.930  | ug/l   | 97       |
| 70) Styrene                   | 12.185 | 104  | 319504   | 20.600  | ug/l   | 99       |
| 71) Bromoform                 | 12.355 | 173  | 52096    | 19.343  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.473 | 105  | 468113   | 19.666  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.279 | 43   | 95266    | 18.369  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 97484    | 19.122  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 119747   | 34.879  | ug/l # | 1        |
| 77) Bromobenzene              | 12.755 | 156  | 107265   | 19.532  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.808 | 91   | 614984   | 19.906  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 354060   | 19.662  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 413169   | 20.112  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 26999    | 19.704  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 380263   | 20.017  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.214 | 119  | 331747   | 20.135  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 409887   | 20.262  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.391 | 105  | 519382   | 19.832  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 421036   | 20.009  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 225094   | 19.687  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 224374   | 19.551  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.832 | 91   | 397242   | 18.935  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.096 | 117  | 92072    | 19.115  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 193909   | 19.222  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.485 | 75   | 15250    | 19.973  | ug/l   | 89       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 100077   | 18.371  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 64269    | 19.234  | ug/l   | 97       |
| 95) Naphthalene               | 15.385 | 128  | 178029   | 17.982  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 89377    | 18.595  | ug/l   | 99       |

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Data File : VD070399.D  
Acq On : 21 Sep 2021 12:50  
Operator : VA/SY  
Sample : VD0921SBSD01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

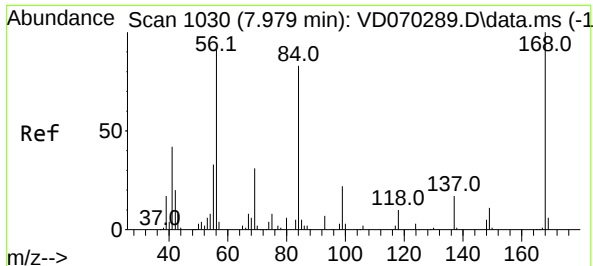
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Sep 22 01:46:36 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D090821S.M  
Quant Title : SW846 8260  
QLast Update : Thu Sep 09 03:07:09 2021  
Response via : Initial Calibration

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

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

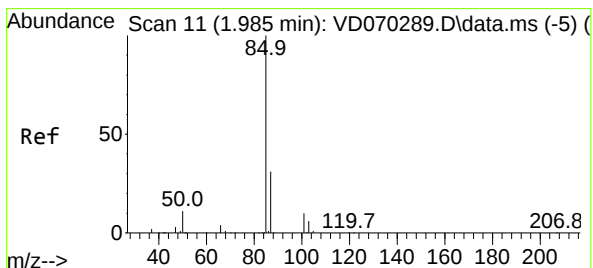
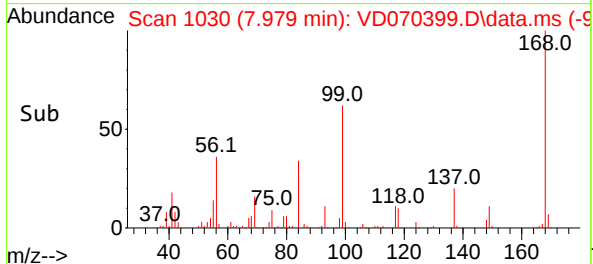
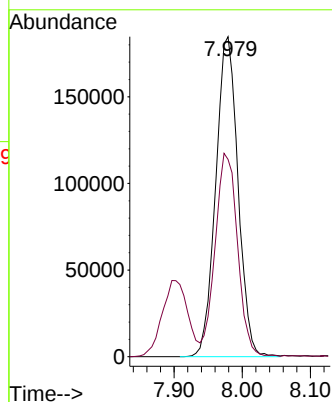
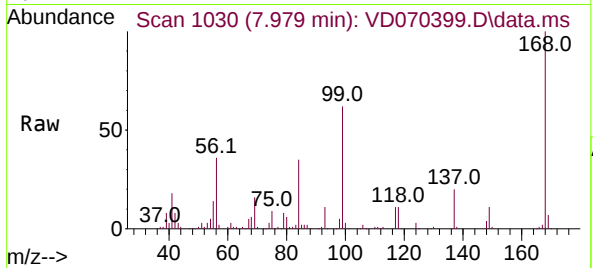




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

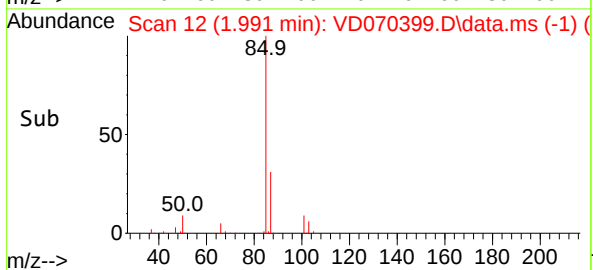
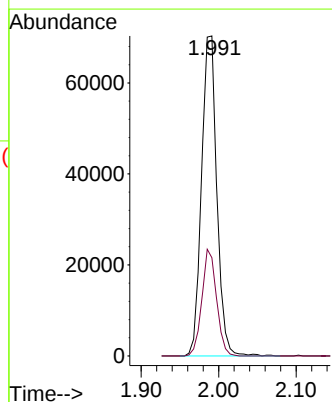
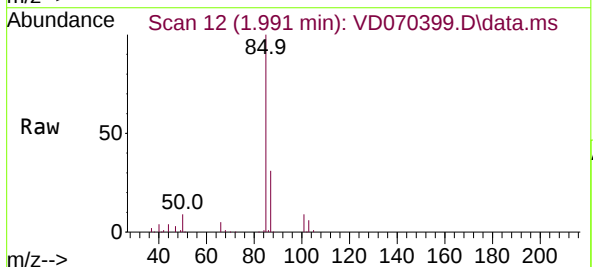
Instrument :  
MSVOA\_D  
ClientSampleId :

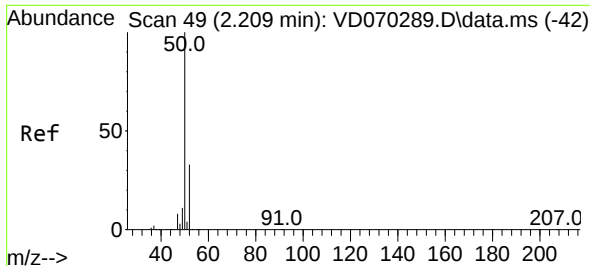
Tgt Ion:168 Resp: 419985  
Ion Ratio Lower Upper  
168 100  
99 61.5 50.8 76.2



#2  
Dichlorodifluoromethane  
Concen: 20.357 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. 0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 85 Resp: 96559  
Ion Ratio Lower Upper  
85 100  
87 30.7 15.6 46.8

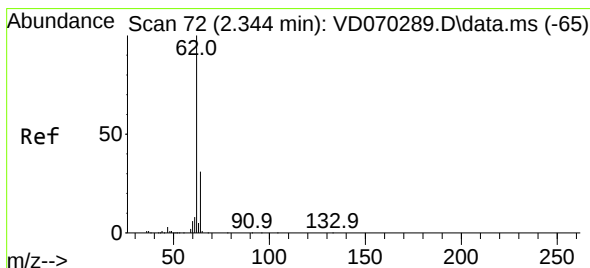
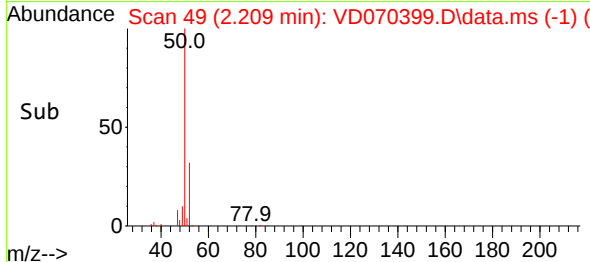
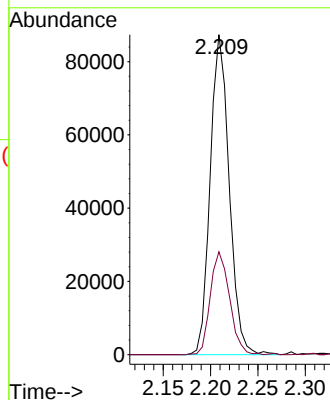
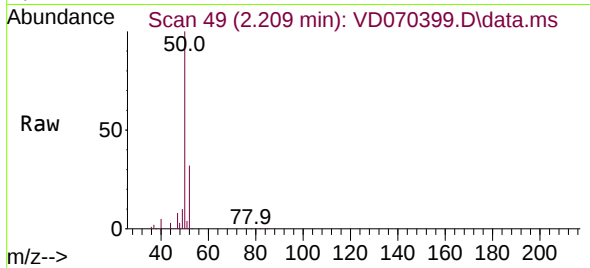




#3  
Chloromethane  
Concen: 18.961 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

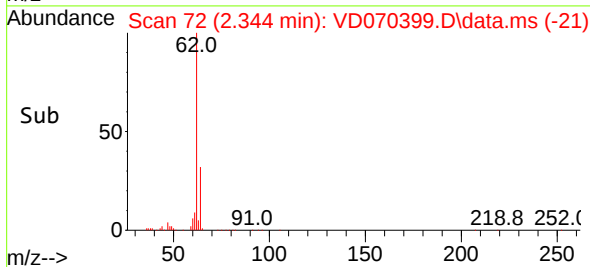
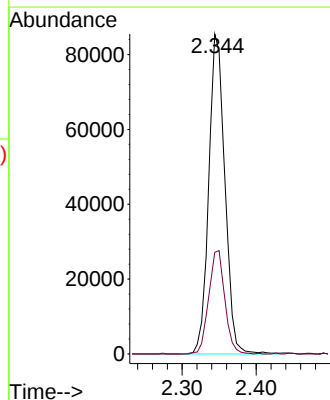
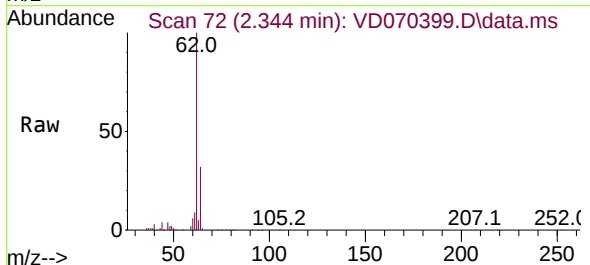
Instrument :  
MSVOA\_D  
ClientSampleId :

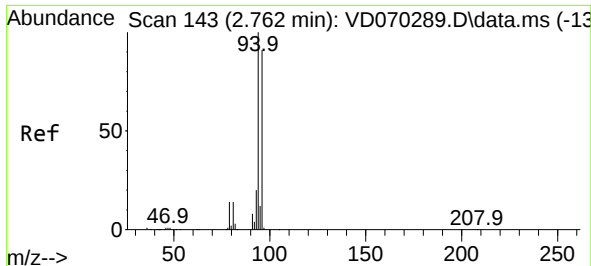
Tgt Ion: 50 Resp: 121996  
Ion Ratio Lower Upper  
50 100  
52 32.2 26.2 39.2



#4  
Vinyl Chloride  
Concen: 19.558 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 62 Resp: 129236  
Ion Ratio Lower Upper  
62 100  
64 31.8 24.6 36.8

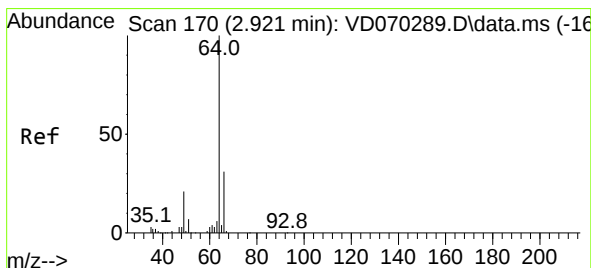
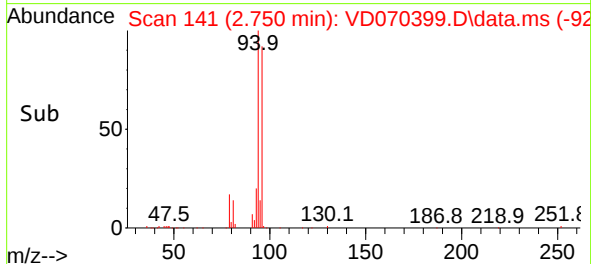
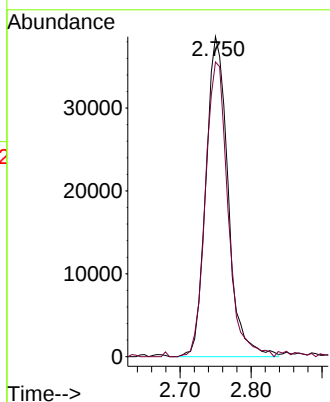
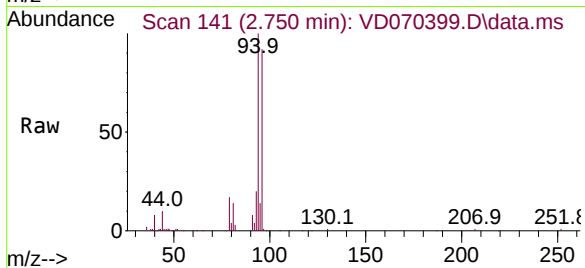




#5  
Bromomethane  
Concen: 17.467 ug/l  
RT: 2.750 min Scan# 141  
Delta R.T. -0.012 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

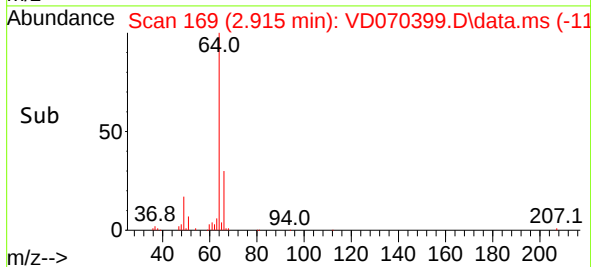
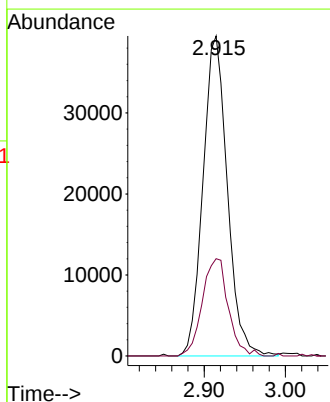
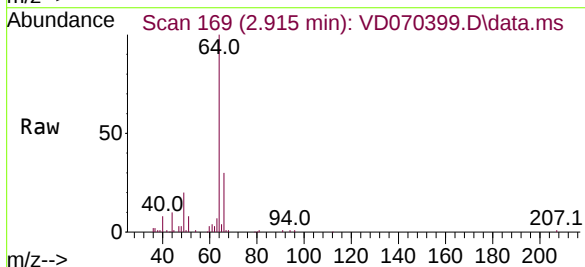
Instrument :  
MSVOA\_D  
ClientSampleId :

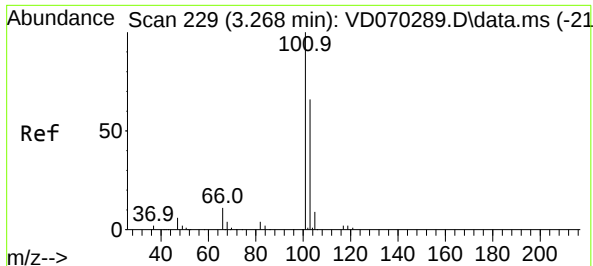
Tgt Ion: 94 Resp: 83677  
Ion Ratio Lower Upper  
94 100  
96 92.1 73.0 109.6



#6  
Chloroethane  
Concen: 18.261 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 64 Resp: 82208  
Ion Ratio Lower Upper  
64 100  
66 30.4 25.0 37.4

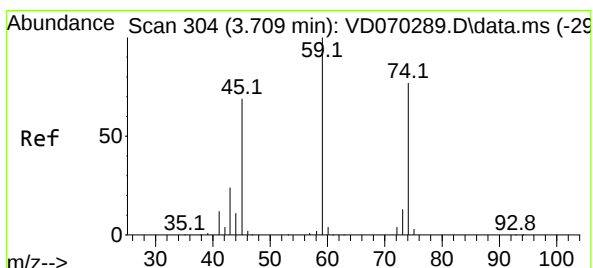
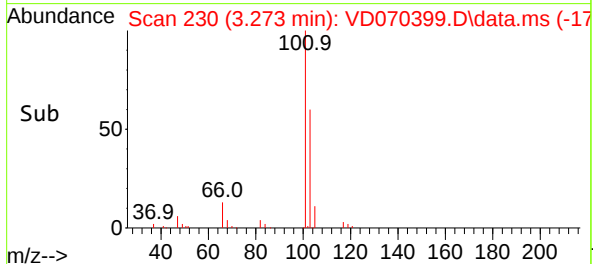
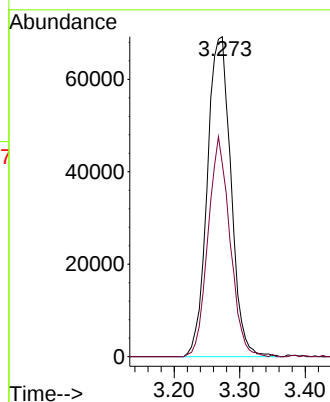
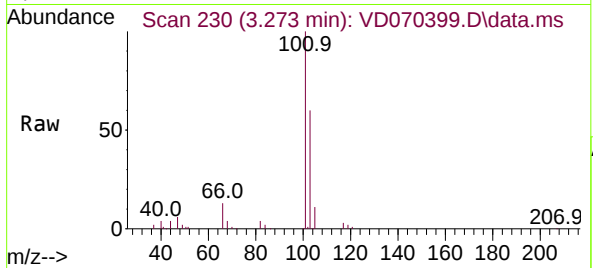




#7  
Trichlorofluoromethane  
Concen: 19.816 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. 0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

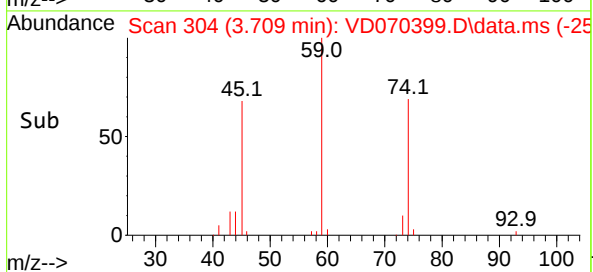
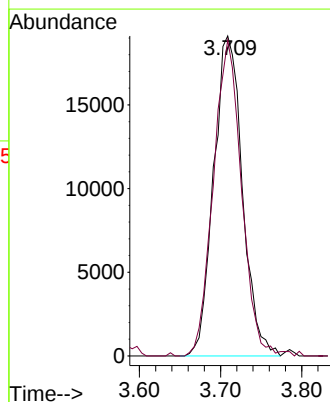
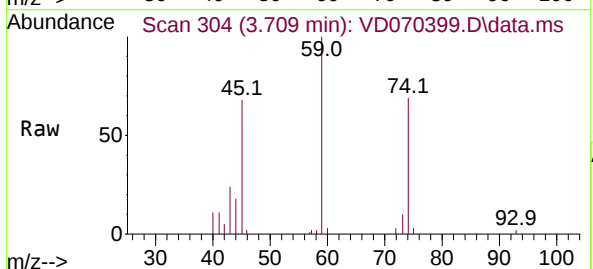
Instrument :  
MSVOA\_D  
ClientSampleId :

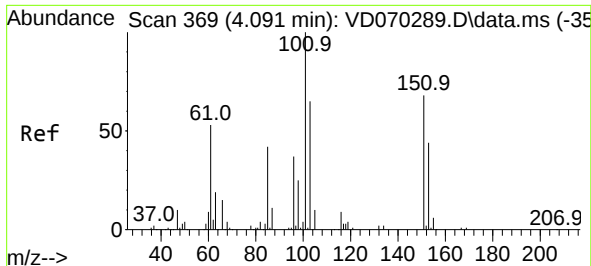
Tgt Ion:101 Resp: 173197  
Ion Ratio Lower Upper  
101 100  
103 60.3 53.0 79.6



#8  
Diethyl Ether  
Concen: 19.482 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 74 Resp: 47071  
Ion Ratio Lower Upper  
74 100  
45 97.1 44.5 133.5

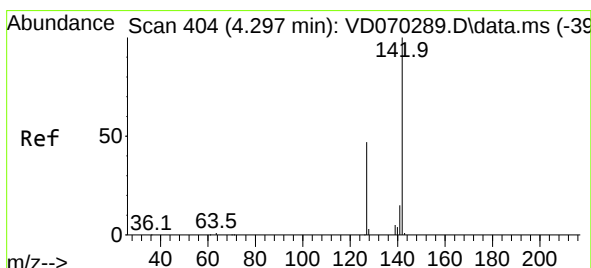
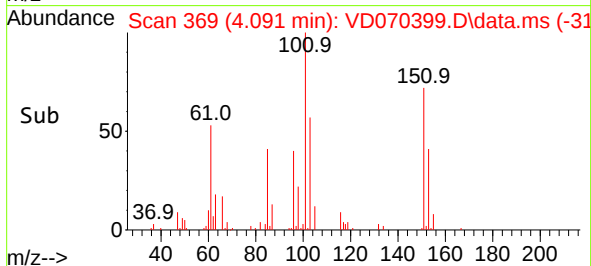
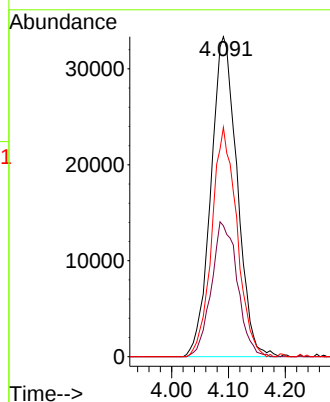
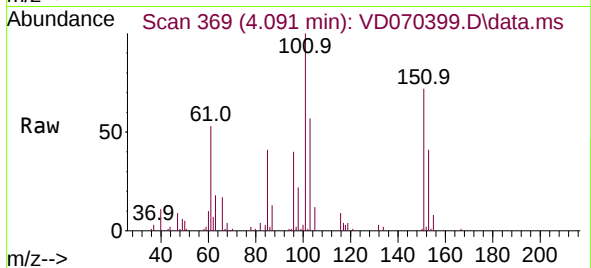




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.697 ug/l  
RT: 4.091 min Scan# 369  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

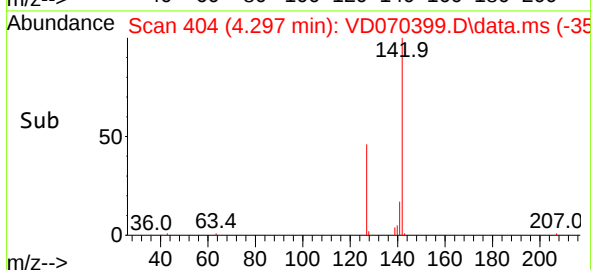
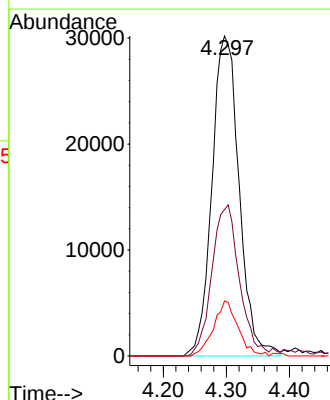
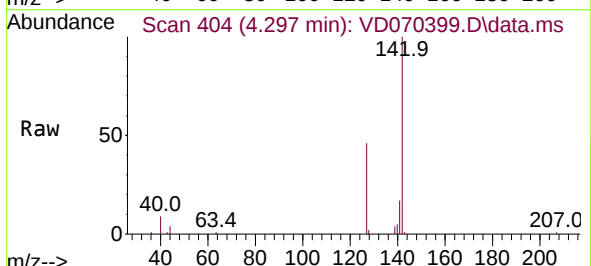
Instrument :  
MSVOA\_D  
ClientSampleId :

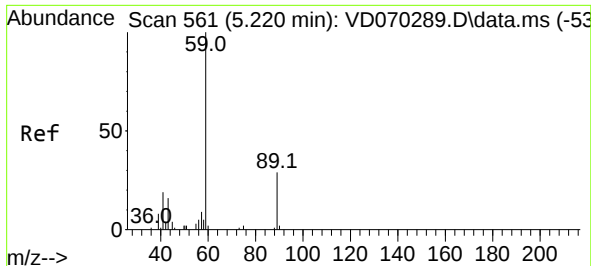
Tgt Ion:101 Resp: 106937  
Ion Ratio Lower Upper  
101 100  
85 41.6 33.8 50.8  
151 68.4 55.8 83.6



#10  
Methyl Iodide  
Concen: 18.003 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion:142 Resp: 90072  
Ion Ratio Lower Upper  
142 100  
127 47.7 36.9 55.3  
141 15.5 11.8 17.6

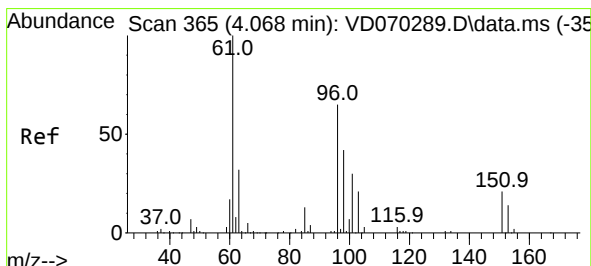
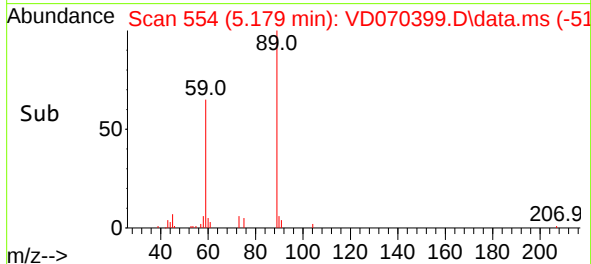
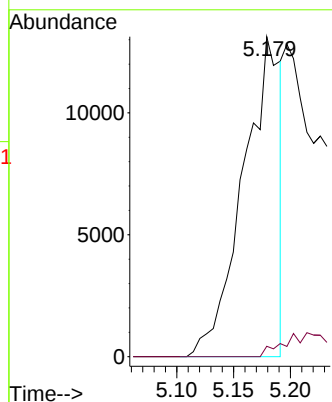
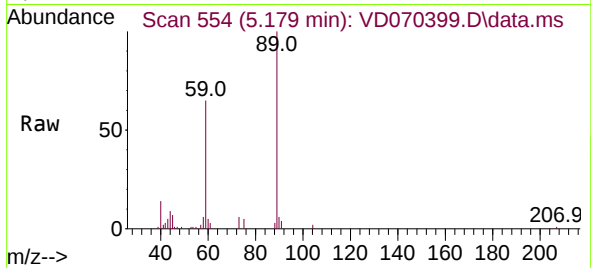




#11  
Tert butyl alcohol  
Concen: 49.011 ug/l  
RT: 5.179 min Scan# 554  
Delta R.T. -0.041 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

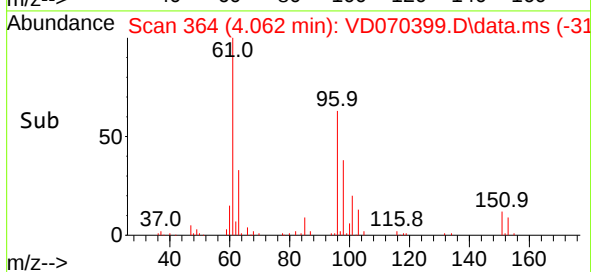
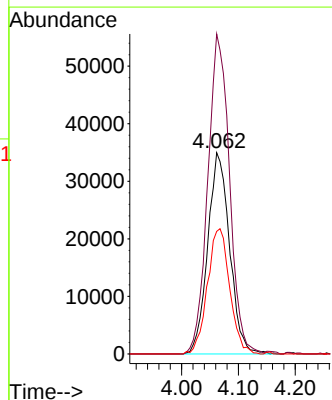
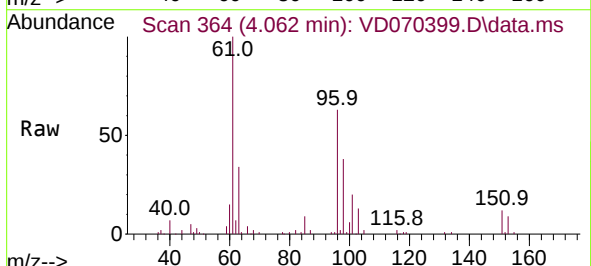
Instrument :  
MSVOA\_D  
ClientSampled :

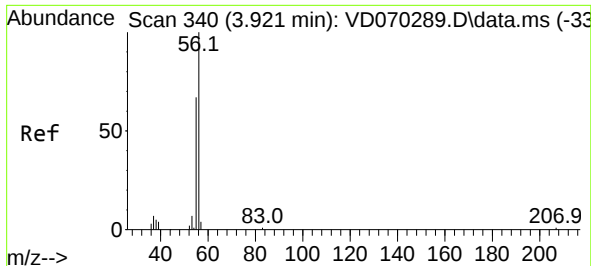
Tgt Ion: 59 Resp: 29884  
Ion Ratio Lower Upper  
59 100  
57 0.0 0.0 0.0



#12  
1,1-Dichloroethene  
Concen: 19.109 ug/l  
RT: 4.062 min Scan# 364  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 96 Resp: 93435  
Ion Ratio Lower Upper  
96 100  
61 158.9 123.2 184.8  
98 60.9 51.9 77.9

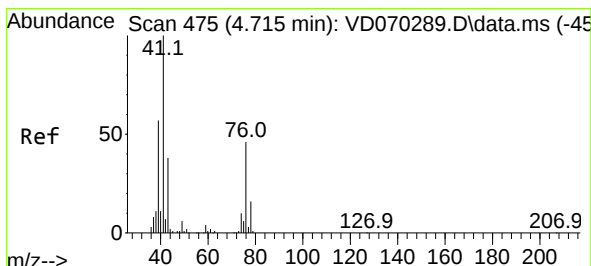
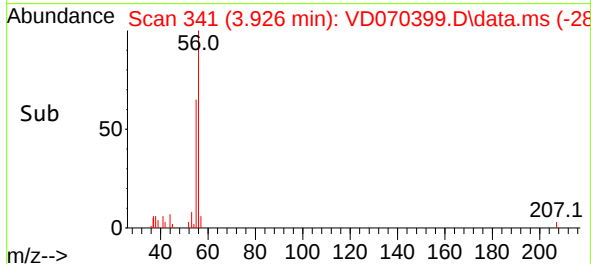
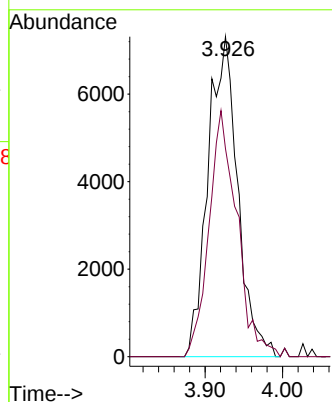
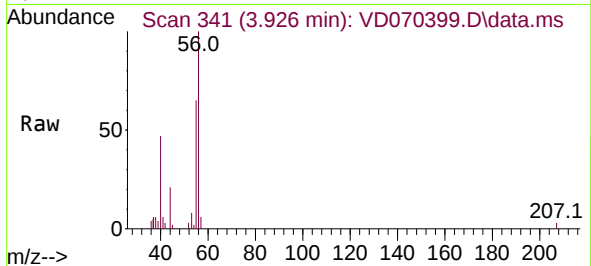




#13  
Acrolein  
Concen: 72.717 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

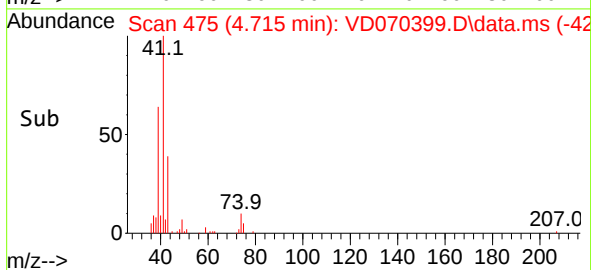
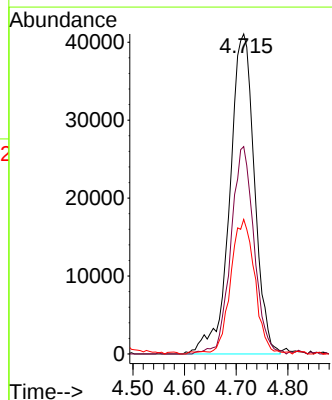
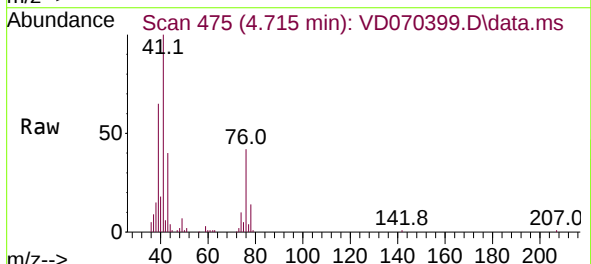
Instrument :  
MSVOA\_D  
ClientSampled :

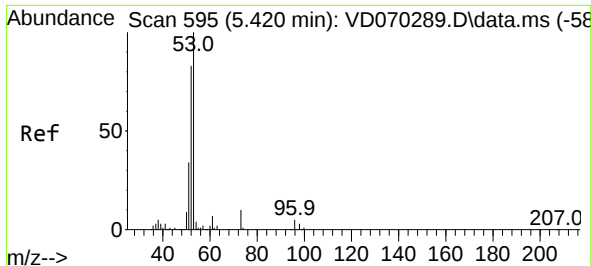
Tgt Ion: 56 Resp: 19494  
Ion Ratio Lower Upper  
56 100  
55 72.7 54.2 81.2



#14  
Allyl chloride  
Concen: 18.986 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 41 Resp: 136413  
Ion Ratio Lower Upper  
41 100  
39 60.7 46.2 69.4  
76 40.9 34.1 51.1

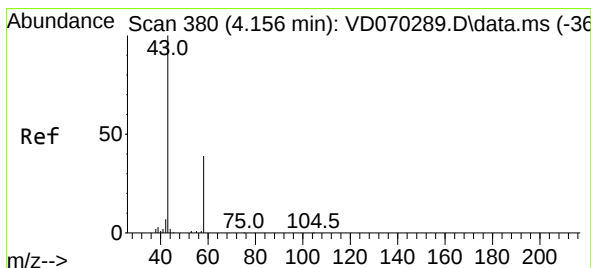
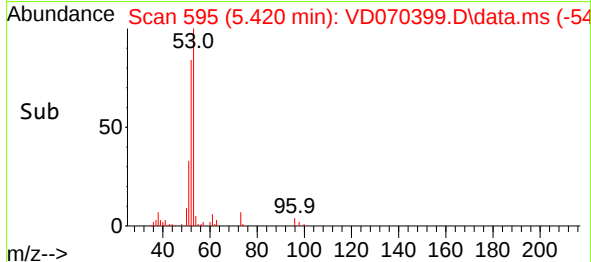
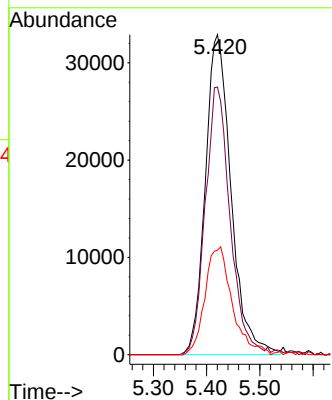
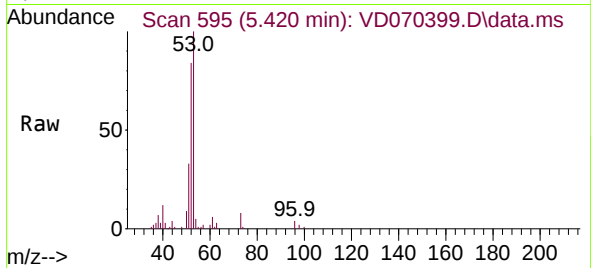




#15  
Acrylonitrile  
Concen: 95.859 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

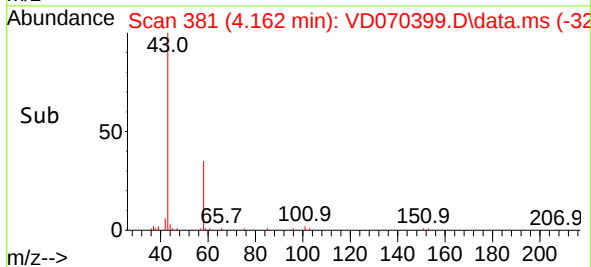
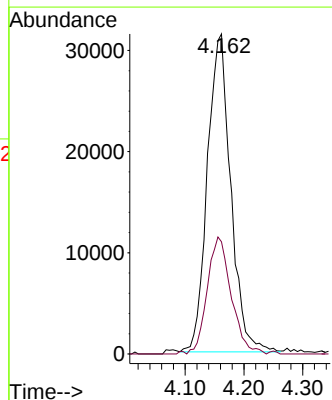
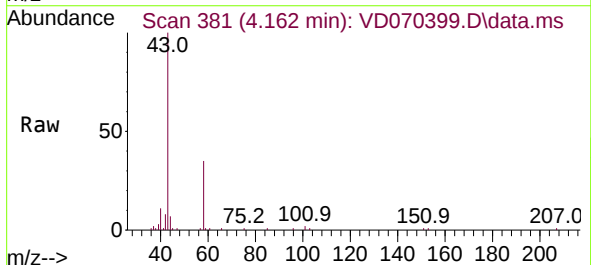
Instrument :  
MSVOA\_D  
ClientSampled :

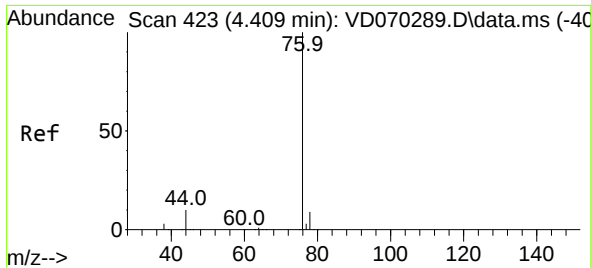
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 110351 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.0  | 64.6  | 97.0   |
| 51       | 35.7  | 27.8  | 41.8   |



#16  
Acetone  
Concen: 90.073 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 86721 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 35.3  | 30.9  | 46.3  |

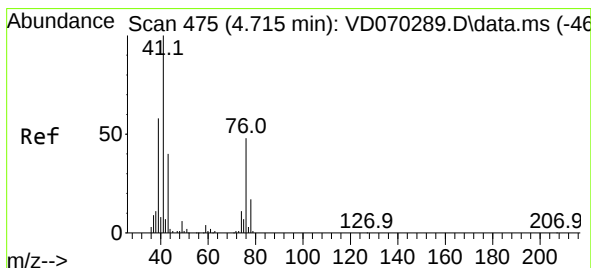
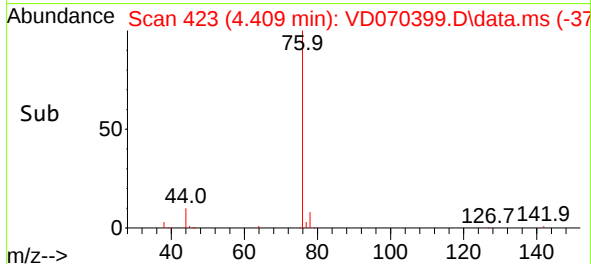
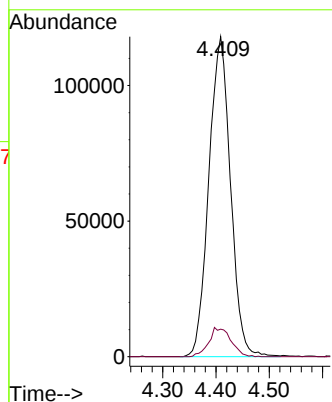
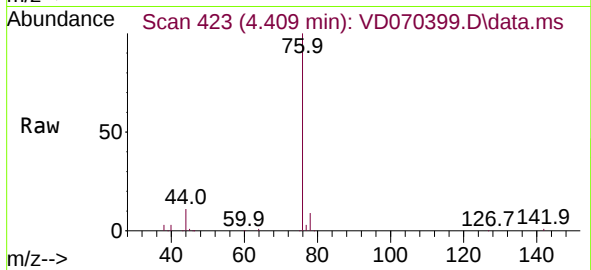




#17  
Carbon Disulfide  
Concen: 18.468 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

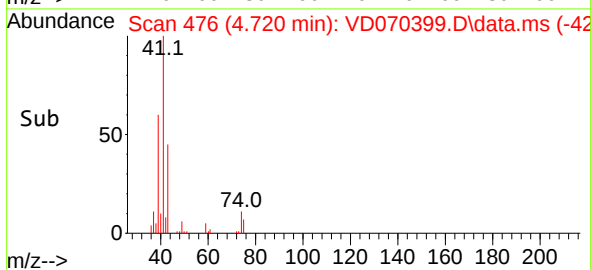
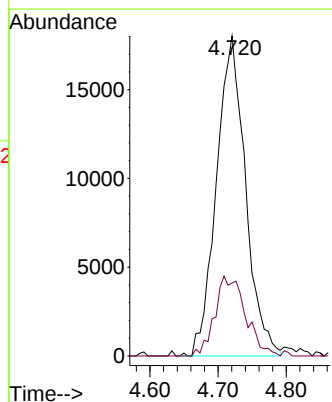
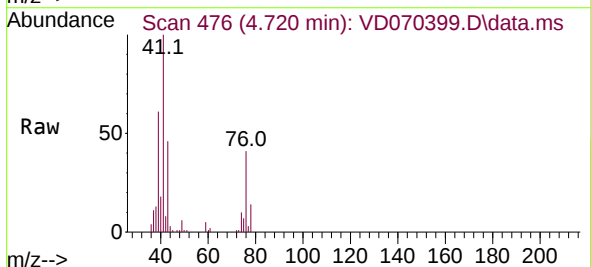
Instrument :  
MSVOA\_D  
ClientSampled :

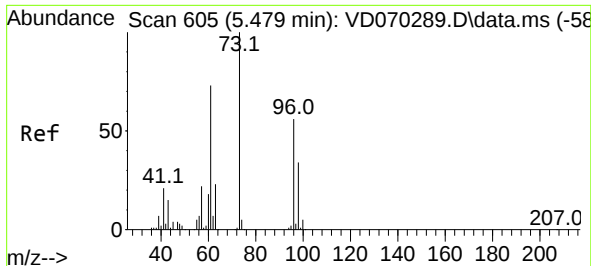
Tgt Ion: 76 Resp: 333172  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.5 11.3



#18  
Methyl Acetate  
Concen: 19.304 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. 0.005 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 43 Resp: 53465  
Ion Ratio Lower Upper  
43 100  
74 26.2 21.6 32.4

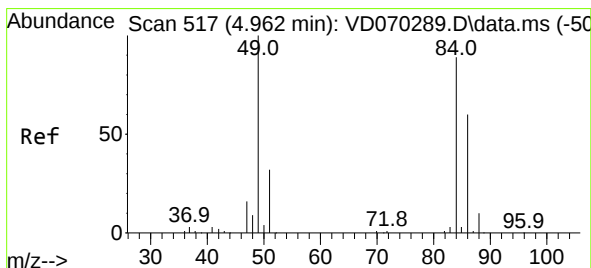
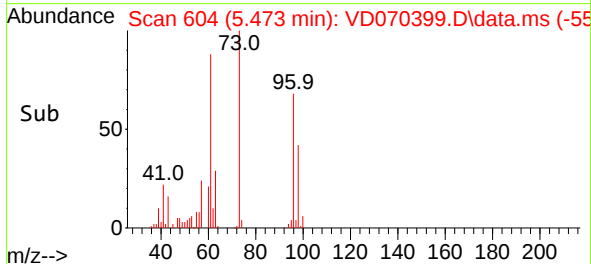
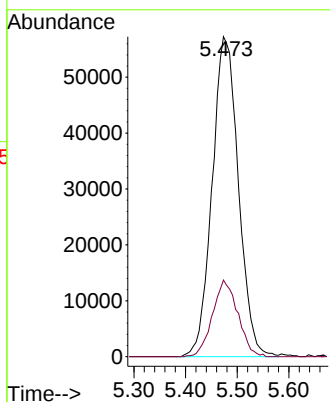
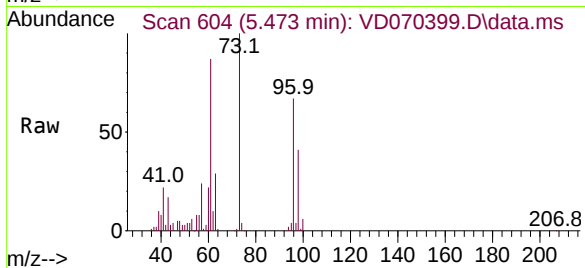




#19  
Methyl tert-butyl Ether  
Concen: 19.113 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

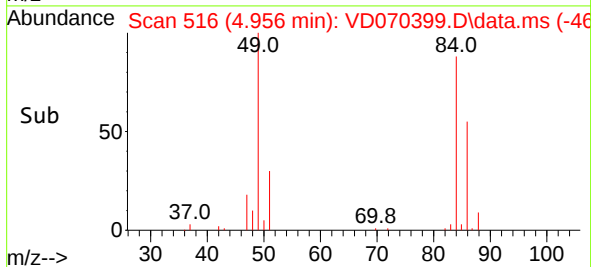
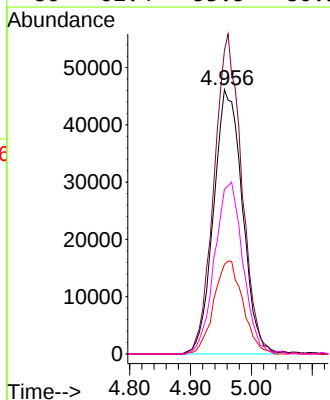
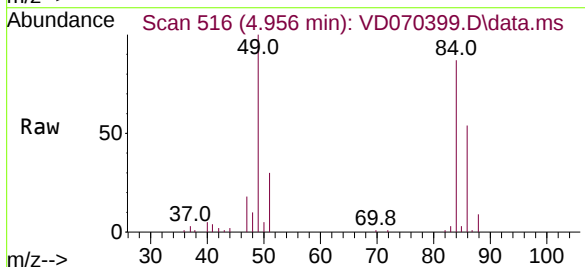
Instrument :  
MSVOA\_D  
ClientSampleId :

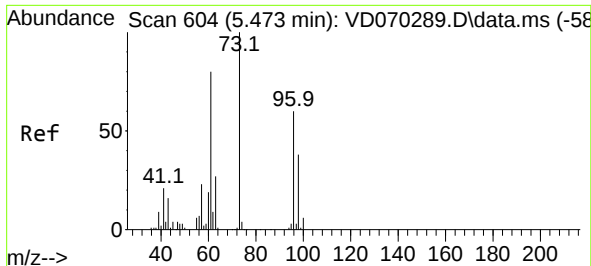
Tgt Ion: 73 Resp: 201962  
Ion Ratio Lower Upper  
73 100  
57 23.9 17.7 26.5



#20  
Methylene Chloride  
Concen: 21.044 ug/l  
RT: 4.956 min Scan# 516  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 84 Resp: 151489  
Ion Ratio Lower Upper  
84 100  
49 114.8 89.6 134.4  
51 33.9 28.6 43.0  
86 62.4 53.5 80.3

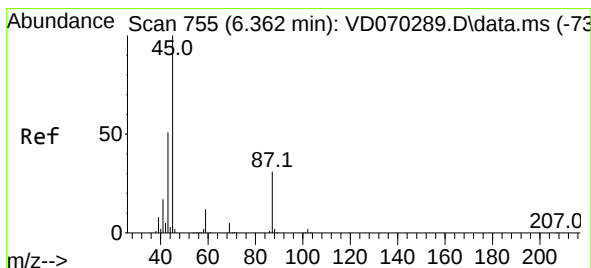
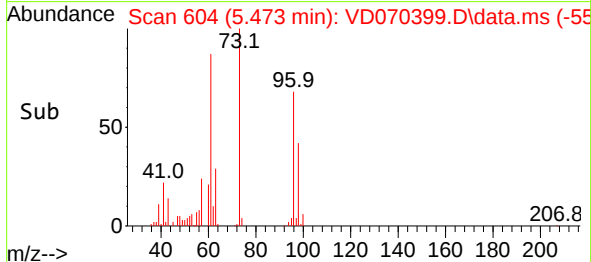
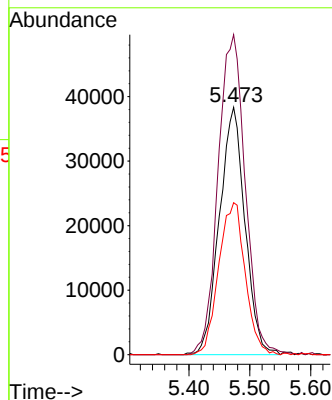
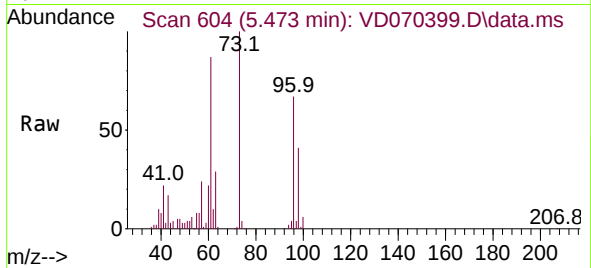




#21  
trans-1,2-Dichloroethene  
Concen: 19.206 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

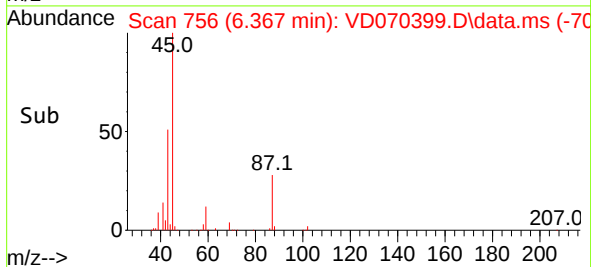
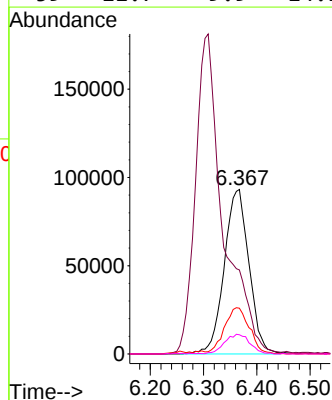
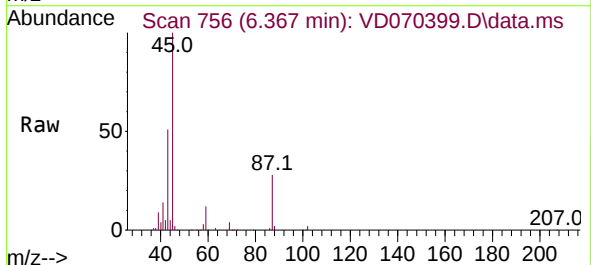
Instrument :  
MSVOA\_D  
ClientSampleId :

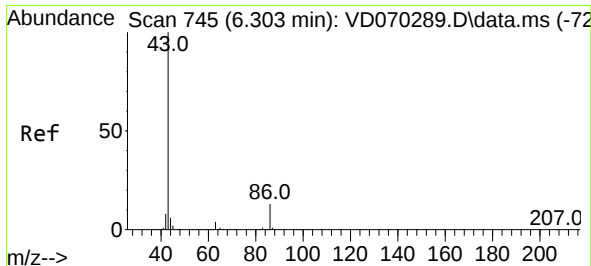
Tgt Ion: 96 Resp: 111786  
Ion Ratio Lower Upper  
96 100  
61 129.4 106.0 159.0  
98 61.4 50.5 75.7



#22  
Diisopropyl ether  
Concen: 19.591 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 45 Resp: 301287  
Ion Ratio Lower Upper  
45 100  
43 50.0 41.1 61.7  
87 27.6 24.6 36.8  
59 11.7 9.9 14.9

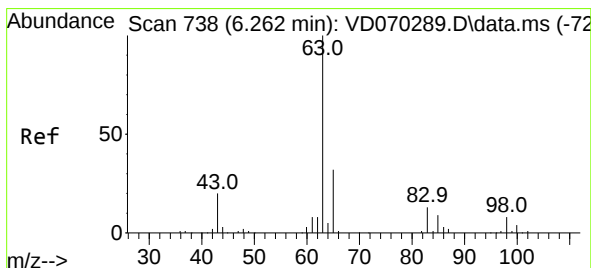
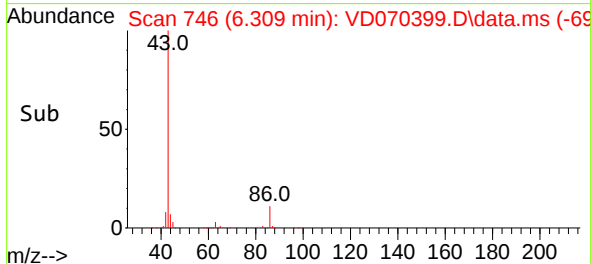
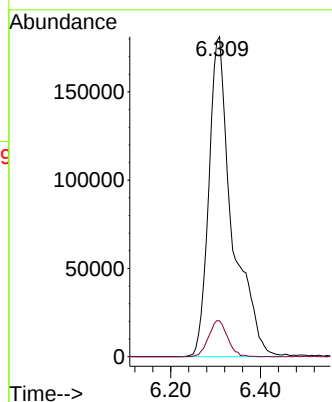
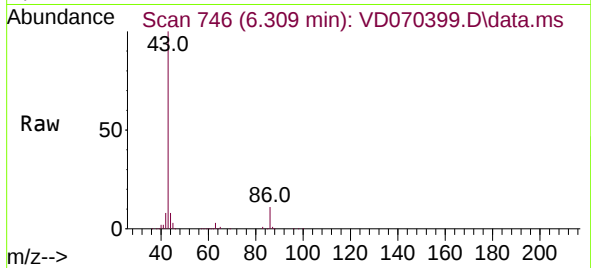




#23  
 Vinyl Acetate  
 Concen: 91.777 ug/l  
 RT: 6.309 min Scan# 746  
 Delta R.T. 0.006 min  
 Lab File: VD070399.D  
 Acq: 21 Sep 2021 12:50

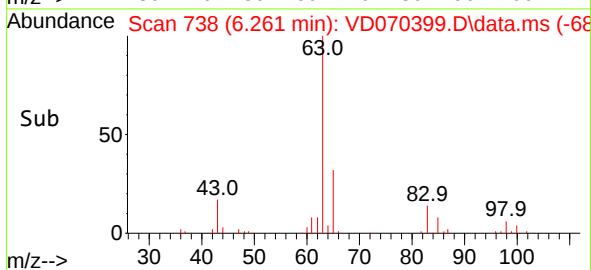
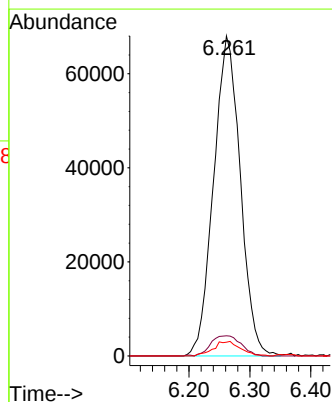
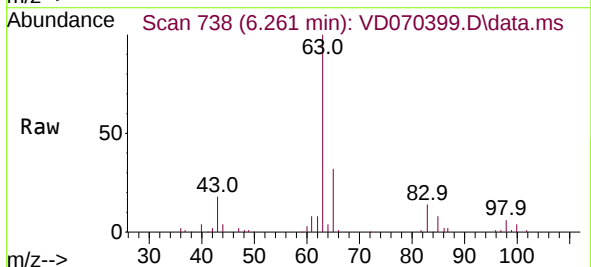
Instrument :  
 MSVOA\_D  
 ClientSampleId :

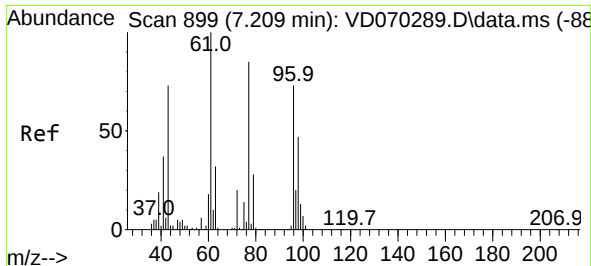
Tgt Ion: 43 Resp: 653849  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 10.2 15.4



#24  
 1,1-Dichloroethane  
 Concen: 19.035 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.000 min  
 Lab File: VD070399.D  
 Acq: 21 Sep 2021 12:50

Tgt Ion: 63 Resp: 207121  
 Ion Ratio Lower Upper  
 63 100  
 98 6.3 4.2 12.4  
 100 4.3 2.0 5.8

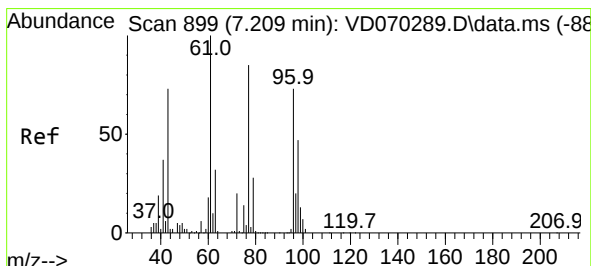
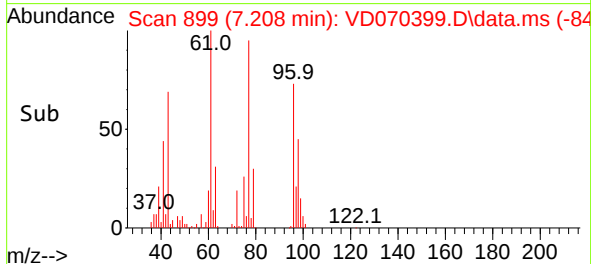
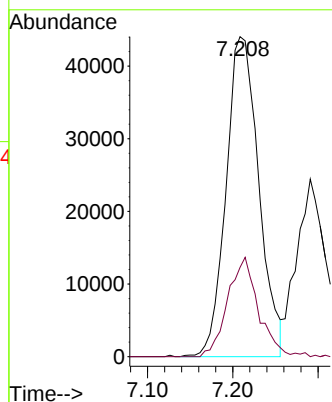
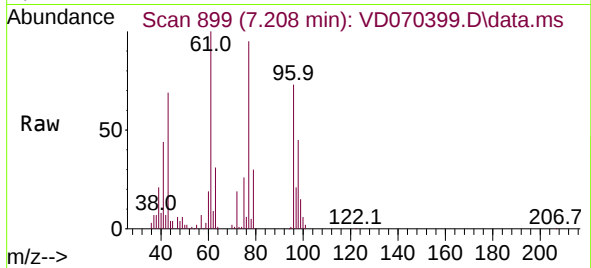




#25  
2-Butanone  
Concen: 91.807 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

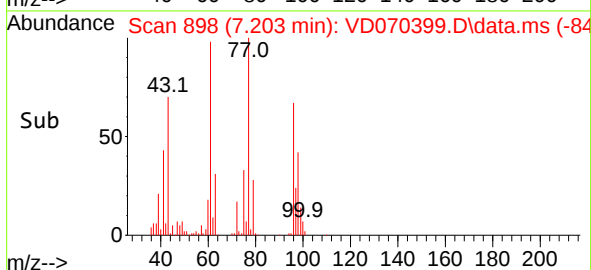
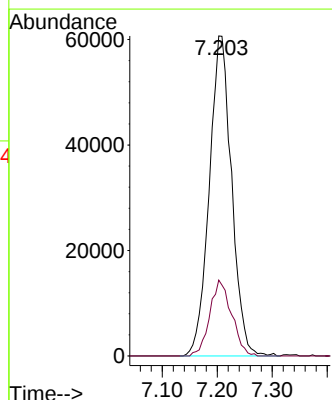
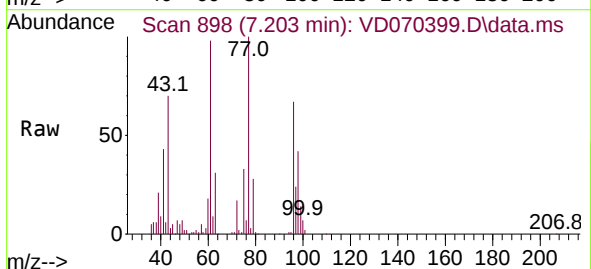
Instrument :  
MSVOA\_D  
ClientSampled :

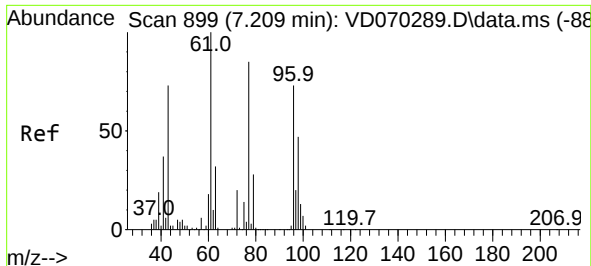
Tgt Ion: 43 Resp: 117662  
Ion Ratio Lower Upper  
43 100  
72 27.9 22.2 33.4



#26  
2,2-Dichloropropane  
Concen: 19.432 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 77 Resp: 170907  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 19.134 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD070399.D

Acq: 21 Sep 2021 12:50

Instrument :

MSVOA\_D

ClientSampleId :

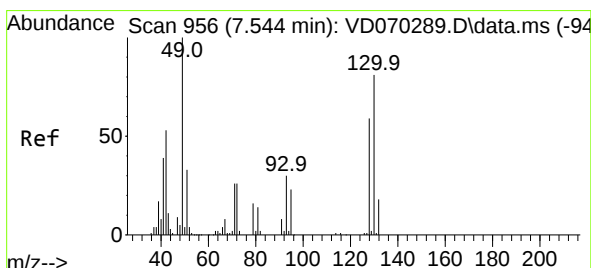
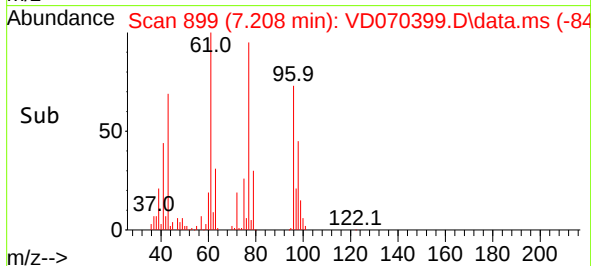
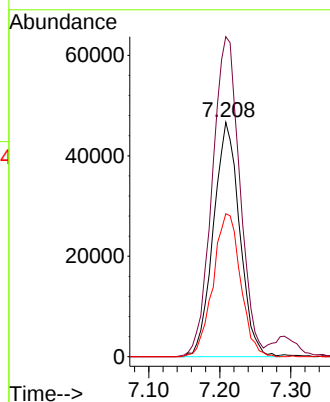
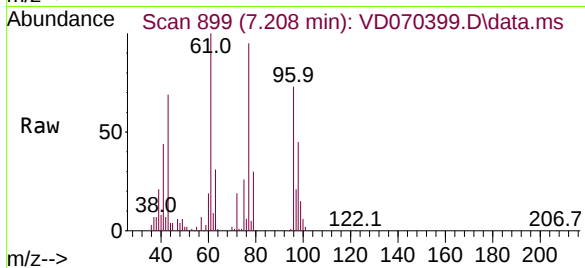
Tgt Ion: 96 Resp: 119631

Ion Ratio Lower Upper

96 100

61 143.5 0.0 277.4

98 63.7 0.0 130.0



#28

Bromochloromethane

Concen: 17.815 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD070399.D

Acq: 21 Sep 2021 12:50

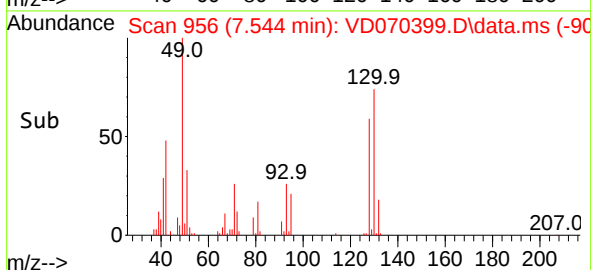
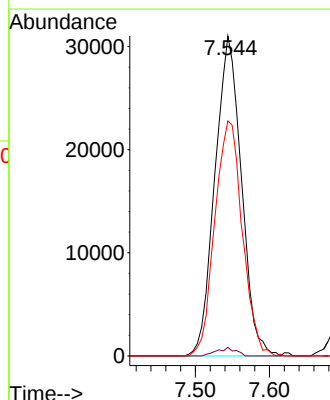
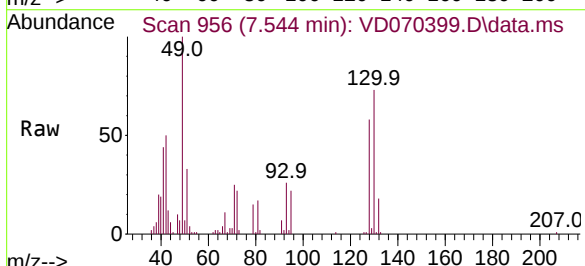
Tgt Ion: 49 Resp: 76916

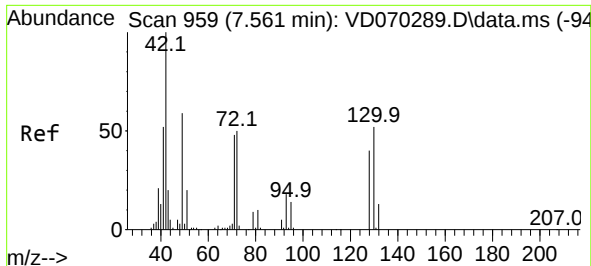
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

130 76.4 65.0 97.6





#29

Tetrahydrofuran

Concen: 87.692 ug/l

RT: 7.561 min Scan# 959

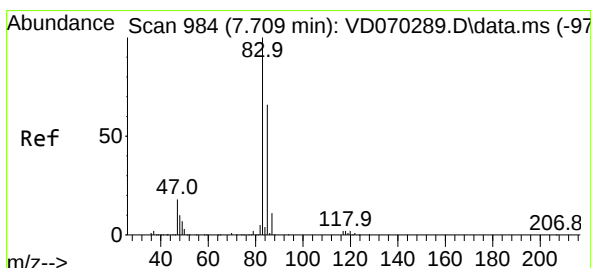
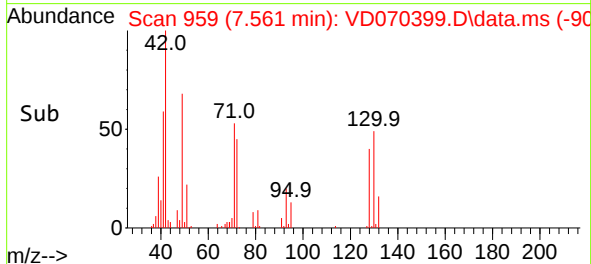
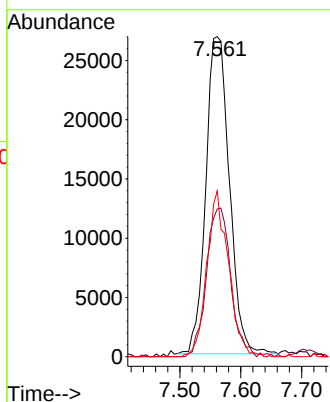
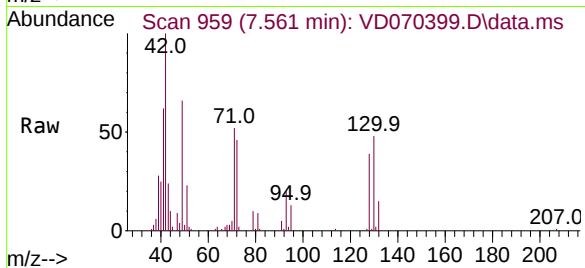
Delta R.T. -0.000 min

Lab File: VD070399.D

Acq: 21 Sep 2021 12:50

Instrument :  
MSVOA\_D  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 72146 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 48.1  | 38.8  | 58.2  |
| 71       | 48.2  | 37.8  | 56.6  |



#30

Chloroform

Concen: 19.095 ug/l

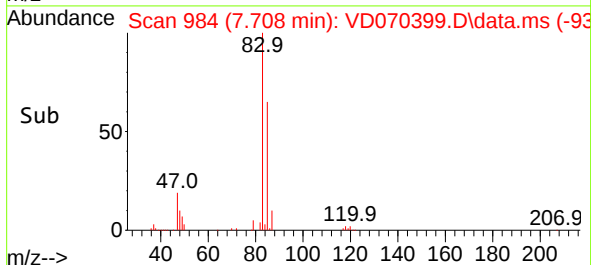
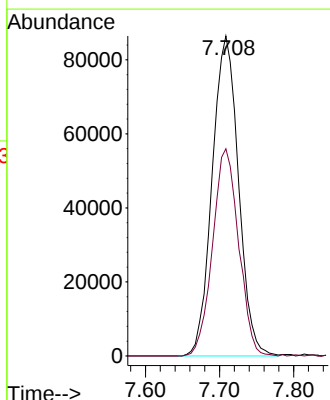
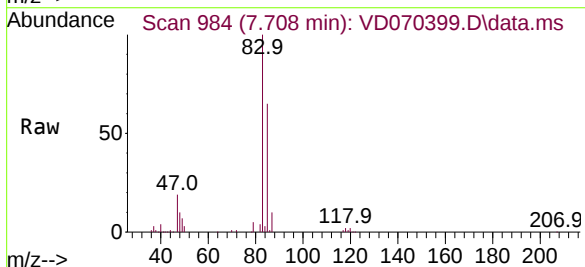
RT: 7.708 min Scan# 984

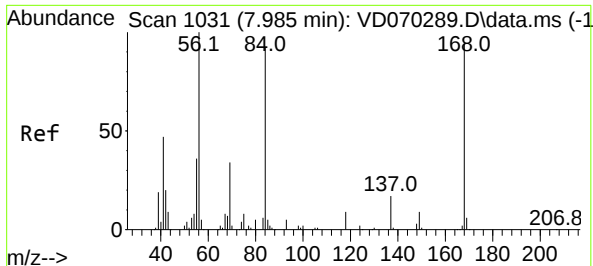
Delta R.T. -0.000 min

Lab File: VD070399.D

Acq: 21 Sep 2021 12:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 213014 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.7  | 52.5  | 78.7   |

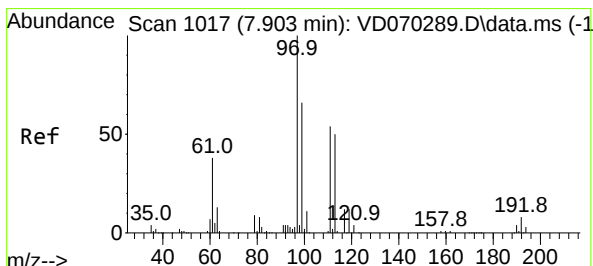
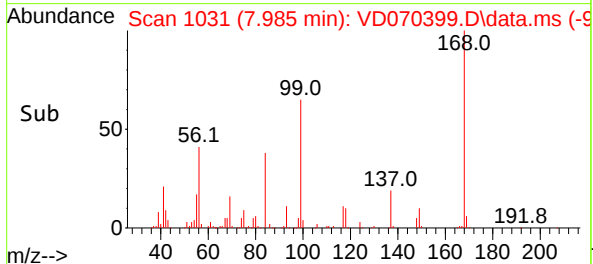
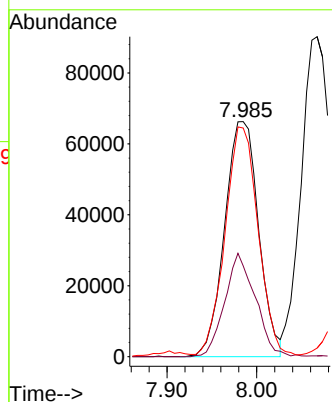
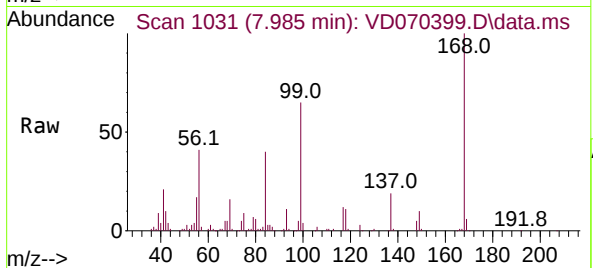




#31  
Cyclohexane  
Concen: 18.747 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

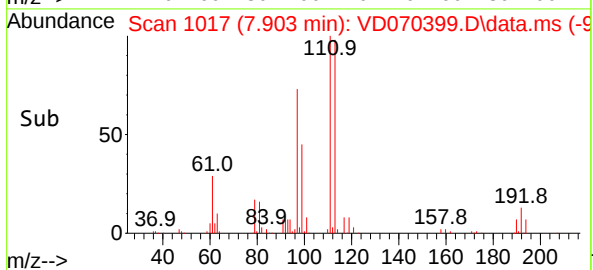
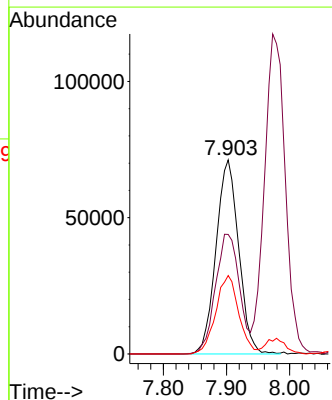
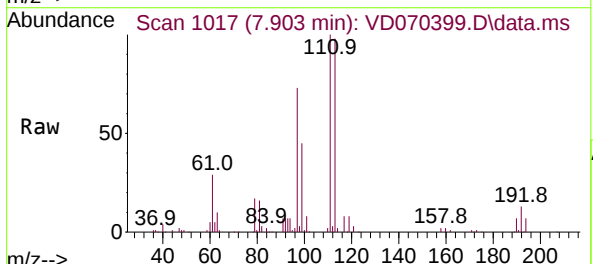
Instrument :  
MSVOA\_D  
ClientSampled :

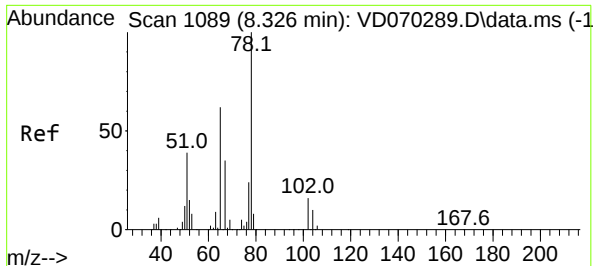
Tgt Ion: 56 Resp: 174147  
Ion Ratio Lower Upper  
56 100  
69 38.6 26.9 40.3  
84 95.4 73.6 110.4



#32  
1,1,1-Trichloroethane  
Concen: 18.891 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 97 Resp: 177375  
Ion Ratio Lower Upper  
97 100  
99 65.5 51.1 76.7  
61 41.0 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 49.255 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD070399.D

Acq: 21 Sep 2021 12:50

Tgt Ion: 65 Resp: 265615

Ion Ratio Lower Upper

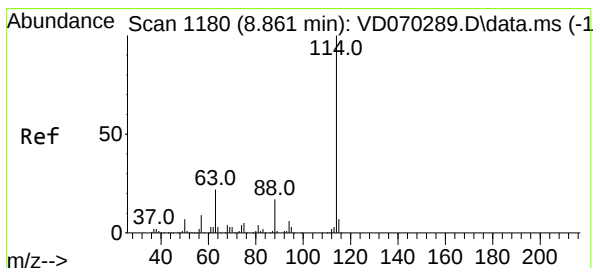
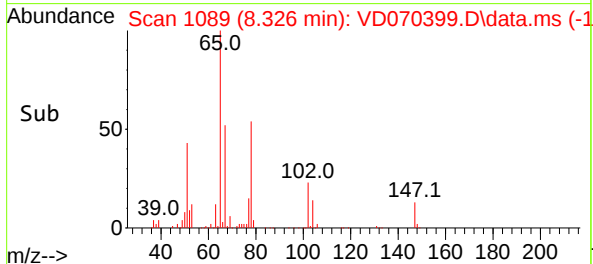
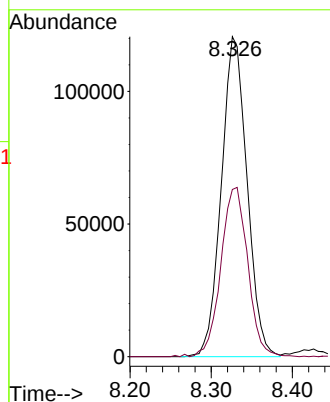
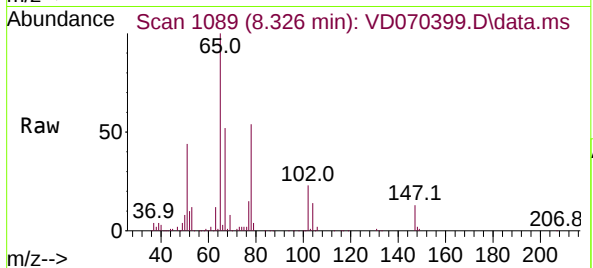
65 100

67 55.4 0.0 111.4

Instrument :

MSVOA\_D

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070399.D

Acq: 21 Sep 2021 12:50

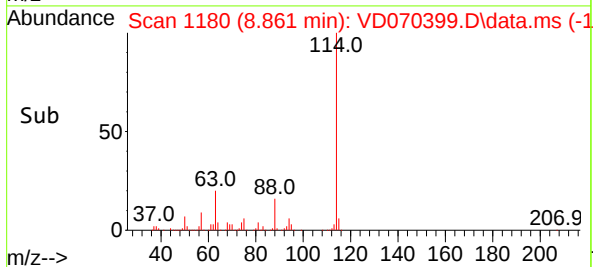
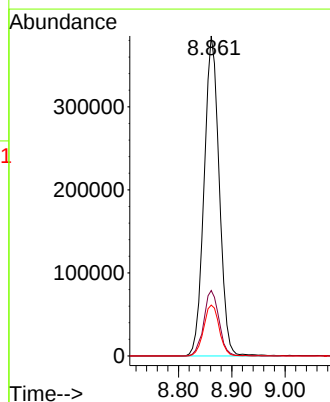
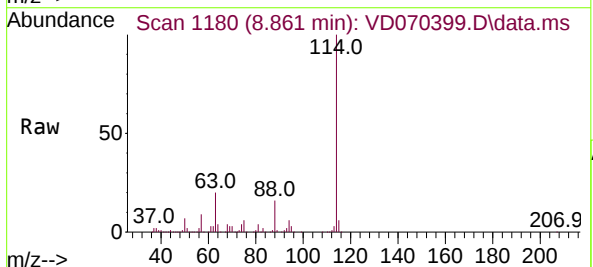
Tgt Ion:114 Resp: 758303

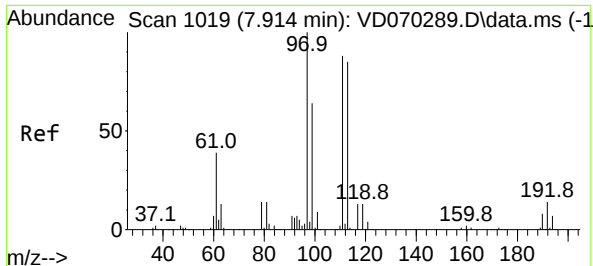
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.4

88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.779 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070399.D

Acq: 21 Sep 2021 12:50

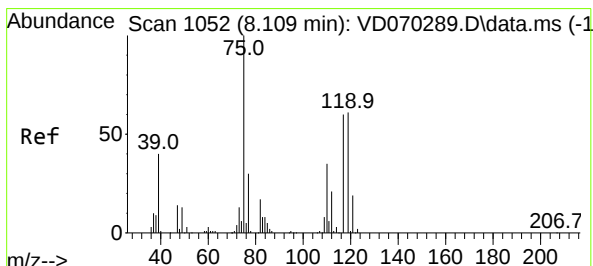
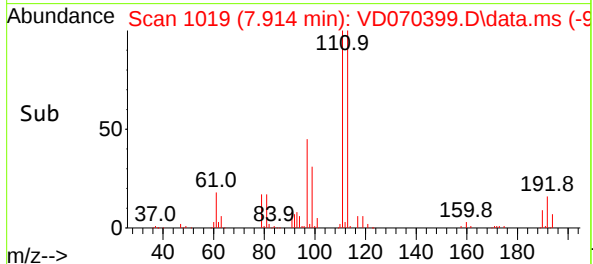
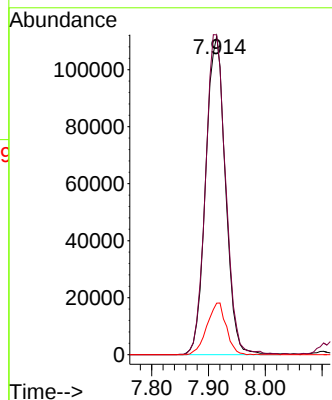
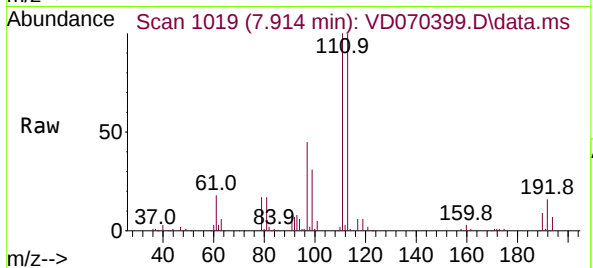
Tgt Ion:113 Resp: 268692

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.2

192 15.9 13.0 19.6



#36

1,1-Dichloropropene

Concen: 19.428 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD070399.D

Acq: 21 Sep 2021 12:50

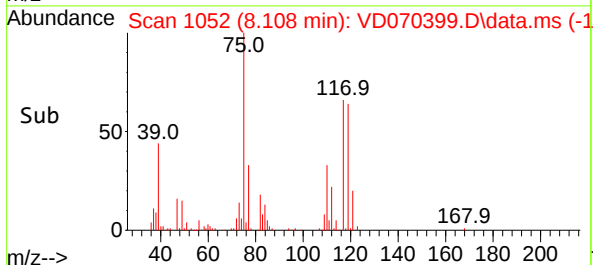
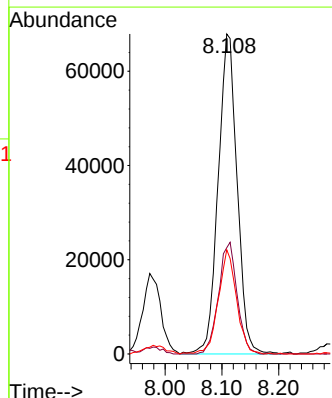
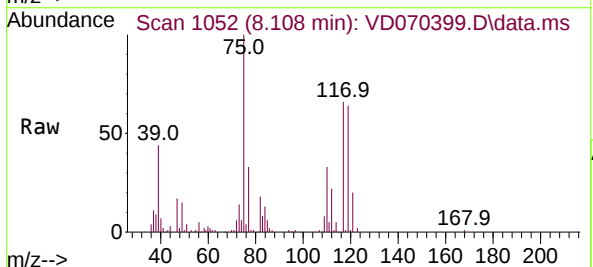
Tgt Ion: 75 Resp: 157472

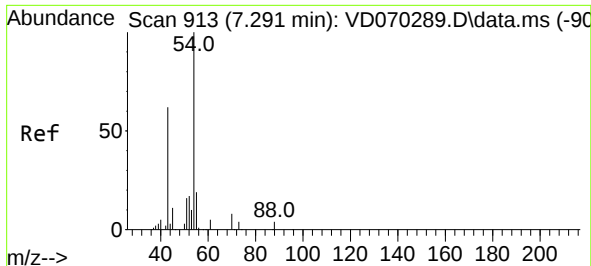
Ion Ratio Lower Upper

75 100

110 34.3 17.9 53.7

77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 19.677 ug/l

RT: 7.291 min Scan# 913

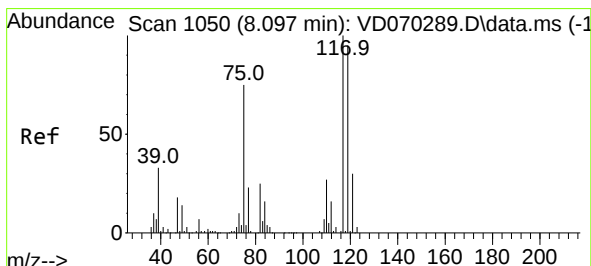
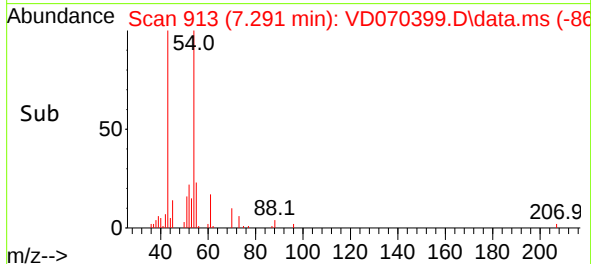
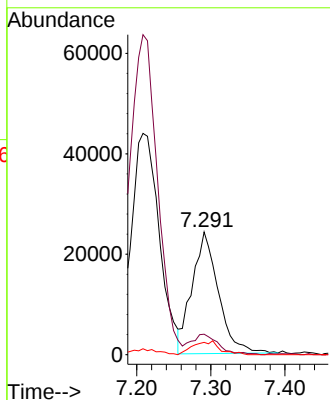
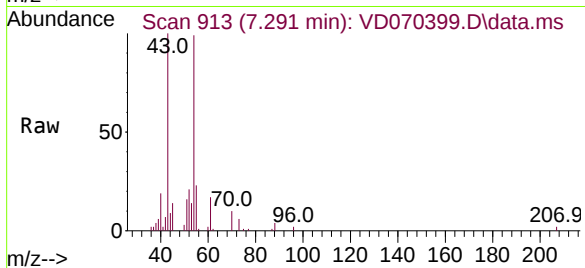
Delta R.T. -0.000 min

Lab File: VD070399.D

Acq: 21 Sep 2021 12:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 59637 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 16.4  | 13.0  | 19.6  |
| 70       | 11.3  | 9.8   | 14.6  |

Instrument :  
MSVOA\_D  
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 19.317 ug/l

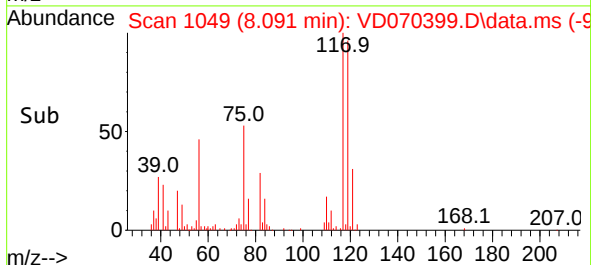
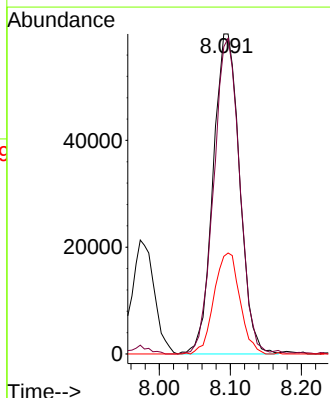
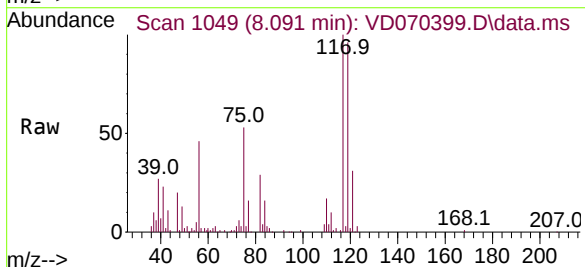
RT: 8.091 min Scan# 1049

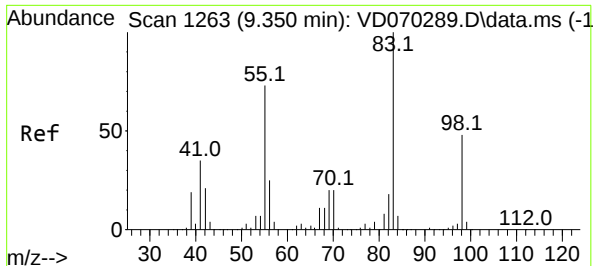
Delta R.T. -0.006 min

Lab File: VD070399.D

Acq: 21 Sep 2021 12:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 154851 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.0  | 76.1  | 114.1  |
| 121      | 30.5  | 23.8  | 35.6   |





#39

Methylcyclohexane

Concen: 18.845 ug/l

RT: 9.350 min Scan# 1263

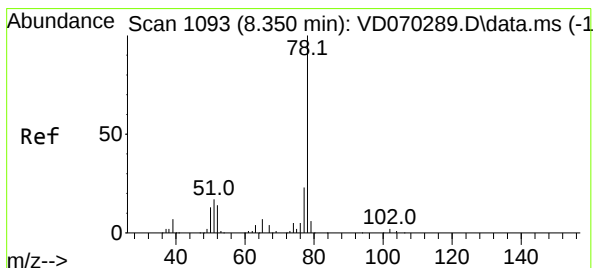
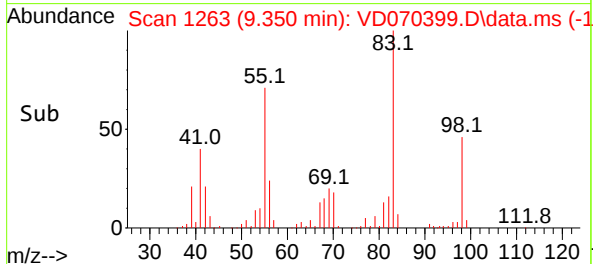
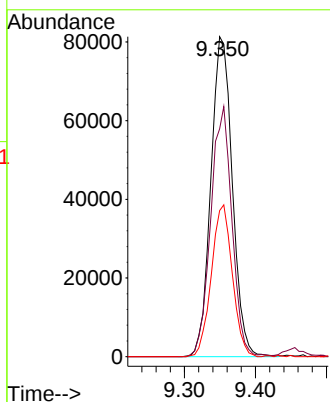
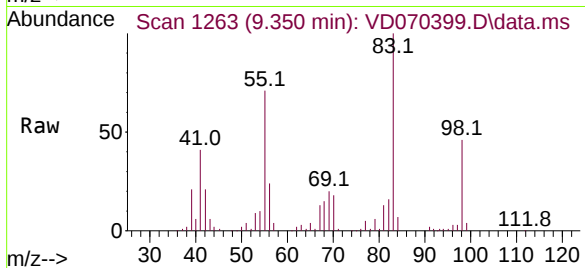
Delta R.T. -0.000 min

Lab File: VD070399.D

Acq: 21 Sep 2021 12:50

Tgt Ion: 83 Resp: 170642

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 71.2  | 58.5  | 87.7  |
| 98  | 45.7  | 38.4  | 57.6  |



#40

Benzene

Concen: 19.852 ug/l

RT: 8.350 min Scan# 1093

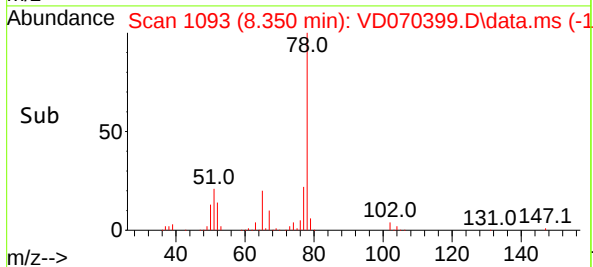
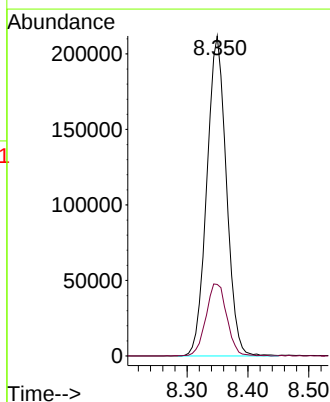
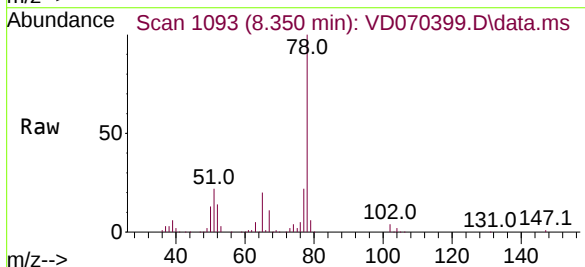
Delta R.T. -0.000 min

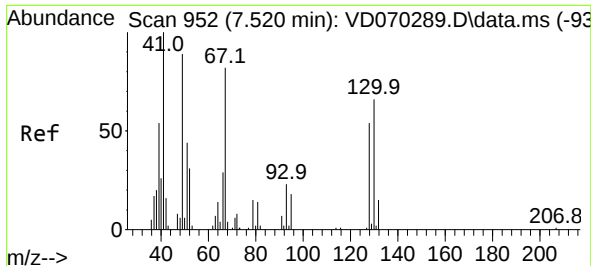
Lab File: VD070399.D

Acq: 21 Sep 2021 12:50

Tgt Ion: 78 Resp: 471533

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 22.3  | 18.4  | 27.6  |

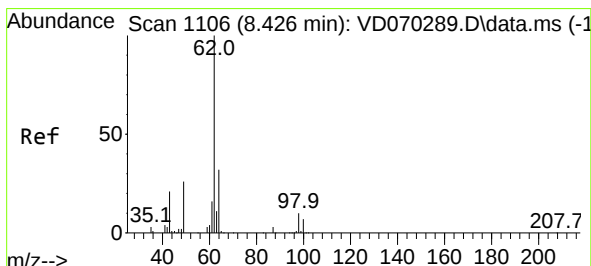
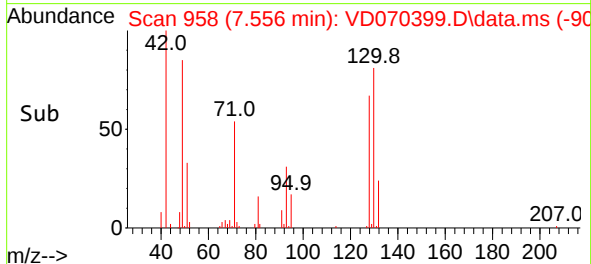
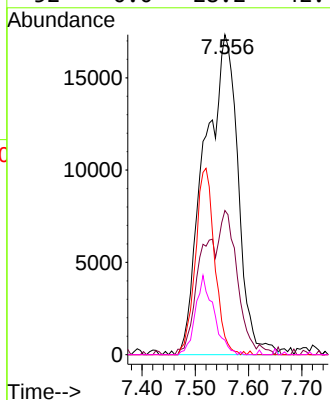
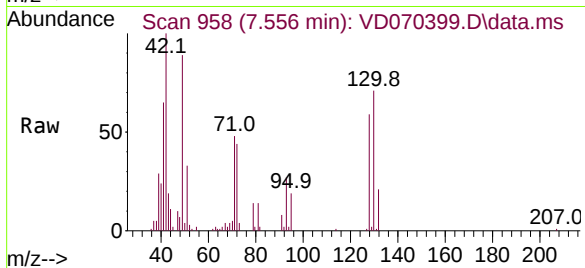




#41  
Methacrylonitrile  
Concen: 47.628 ug/l  
RT: 7.556 min Scan# 958  
Delta R.T. 0.035 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

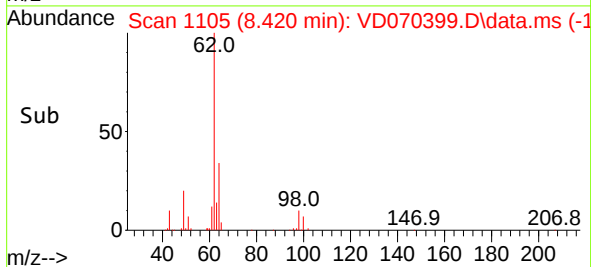
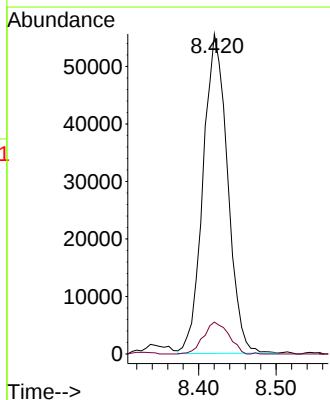
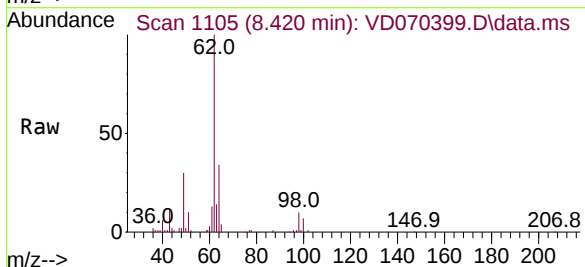
Instrument :  
MSVOA\_D  
ClientSampleId :

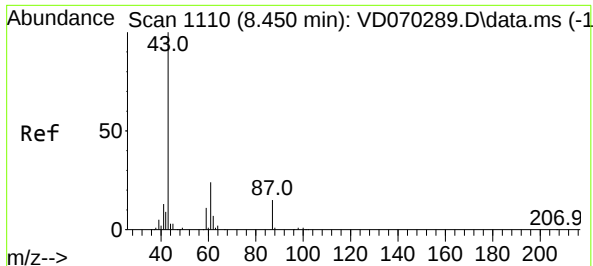
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 75950  |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 39        | 25.4  | 45.7  | 68.5#  |
| 67        | 0.0   | 74.0  | 111.0# |
| 52        | 0.0   | 28.2  | 42.4#  |



#42  
1,2-Dichloroethane  
Concen: 19.197 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

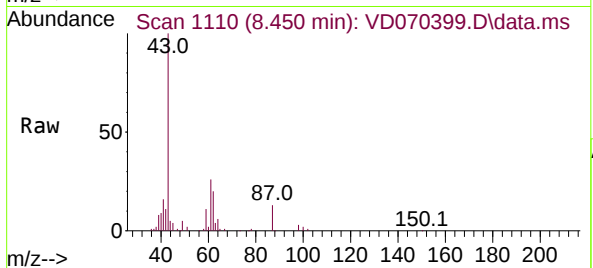
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 62    | Resp: | 122129 |
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 10.3  | 0.0   | 22.4   |



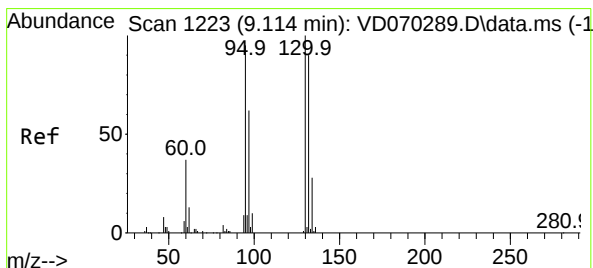
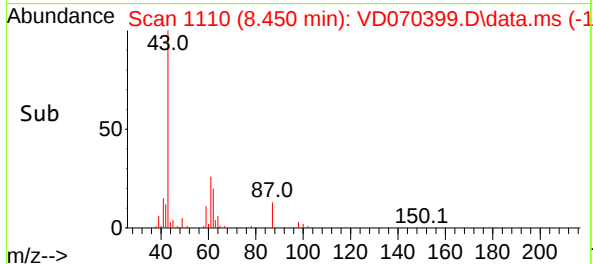
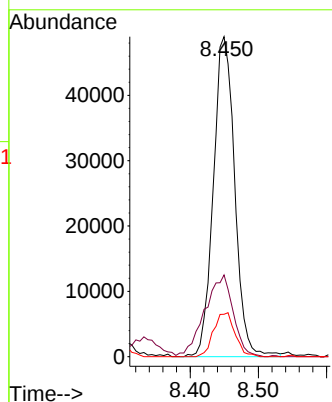


#43  
Isopropyl Acetate  
Concen: 19.077 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Instrument :  
MSVOA\_D  
ClientSampled :

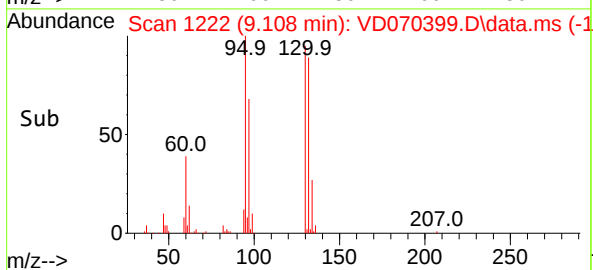
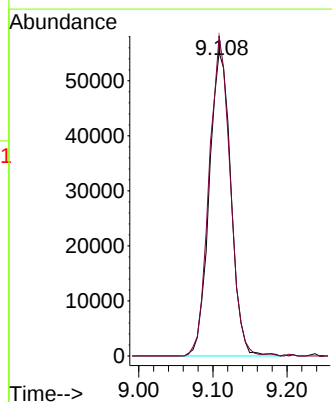
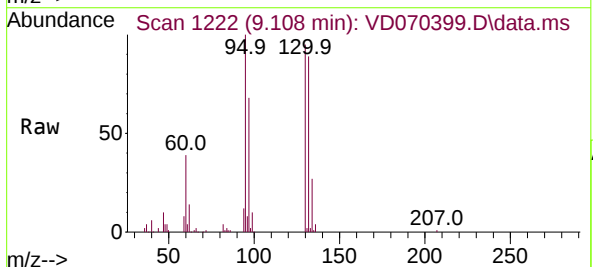


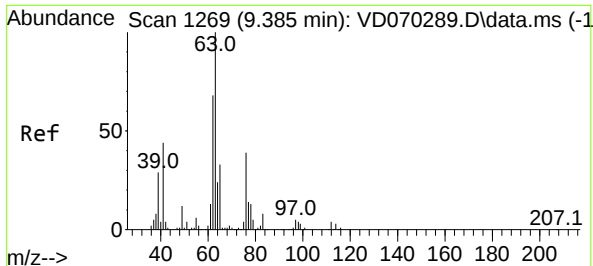
Tgt Ion: 43 Resp: 106910  
Ion Ratio Lower Upper  
43 100  
61 33.9 29.0 43.6  
87 13.8 12.8 19.2



#44  
Trichloroethene  
Concen: 19.762 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion:130 Resp: 112181  
Ion Ratio Lower Upper  
130 100  
95 105.3 0.0 190.0



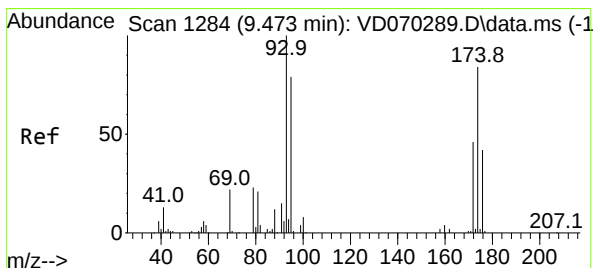
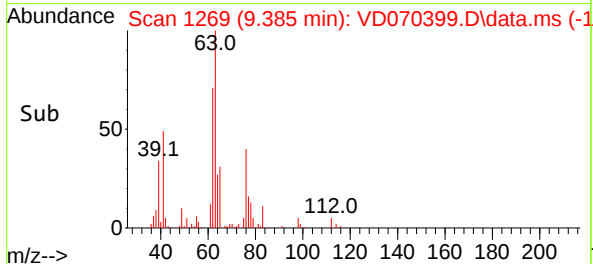
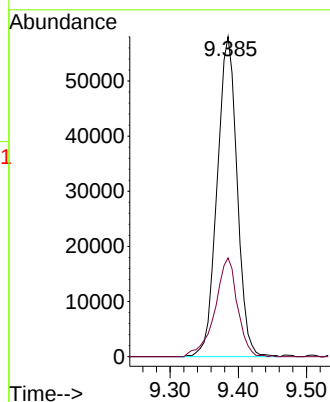
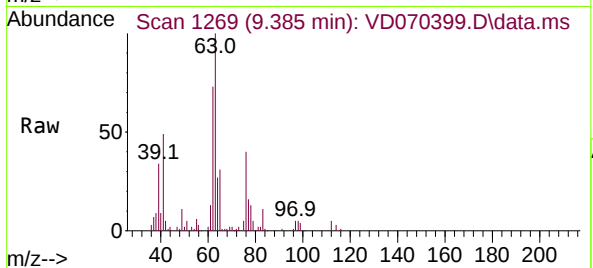


#45

1,2-Dichloropropane  
Concen: 18.988 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Instrument :  
MSVOA\_D  
ClientSampled :

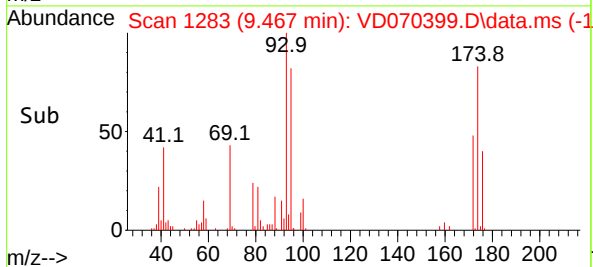
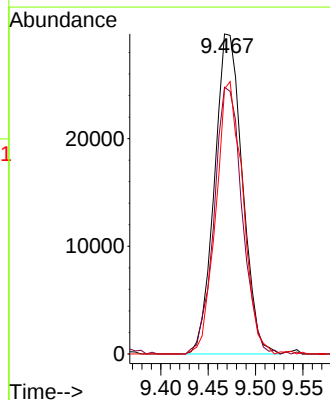
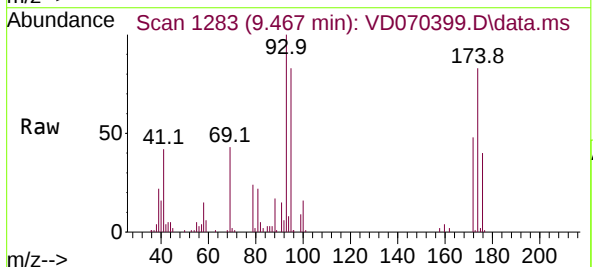
Tgt Ion: 63 Resp: 118327  
Ion Ratio Lower Upper  
63 100  
65 30.9 26.2 39.2

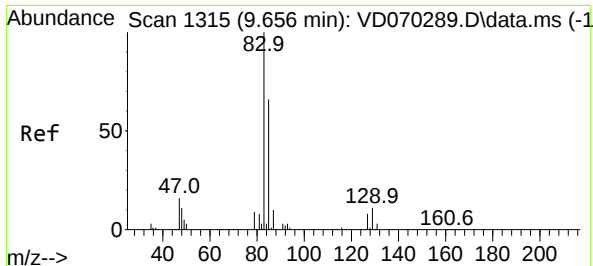


#46

Dibromomethane  
Concen: 19.008 ug/l  
RT: 9.467 min Scan# 1283  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 93 Resp: 60997  
Ion Ratio Lower Upper  
93 100  
95 83.8 67.3 100.9  
174 82.3 69.2 103.8

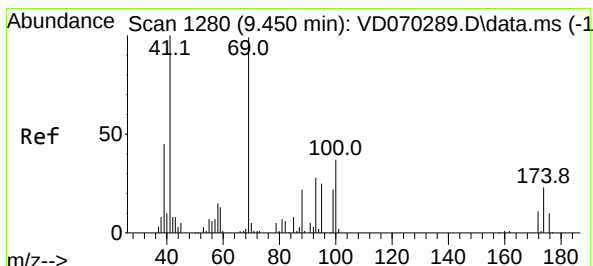
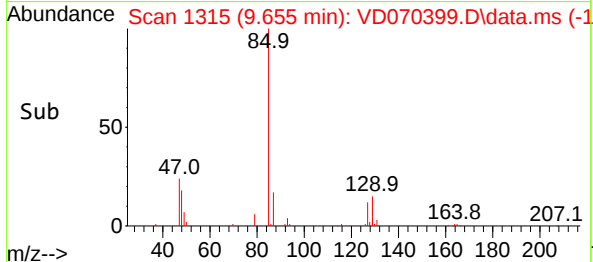
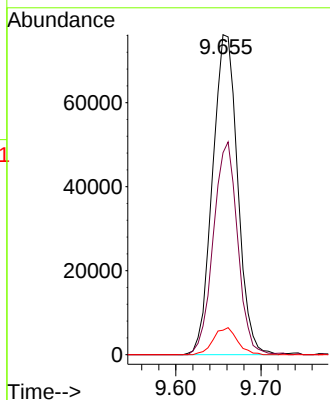
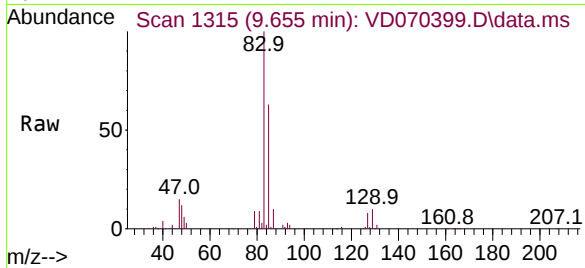




#47  
Bromodichloromethane  
Concen: 19.063 ug/l  
RT: 9.655 min Scan# 1315  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

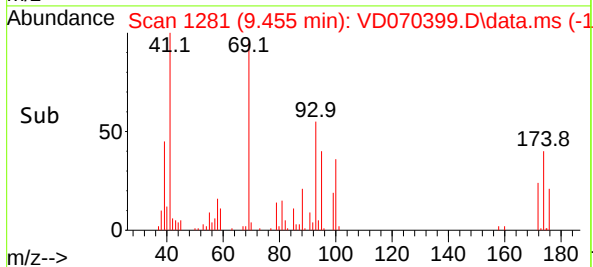
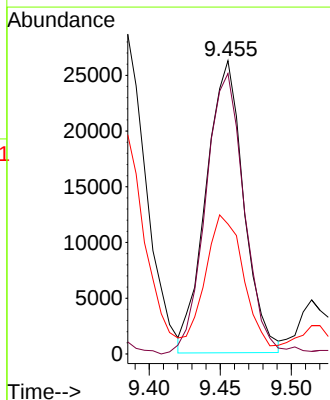
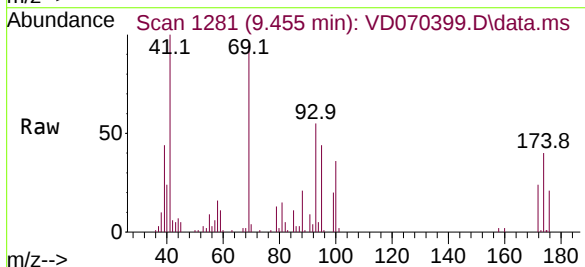
Instrument :  
MSVOA\_D  
ClientSampled :

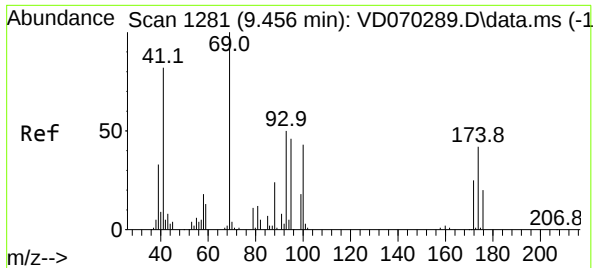
Tgt Ion: 83 Resp: 156066  
Ion Ratio Lower Upper  
83 100  
85 63.1 53.0 79.6  
127 7.6 6.3 9.5



#48  
Methyl methacrylate  
Concen: 18.716 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. 0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

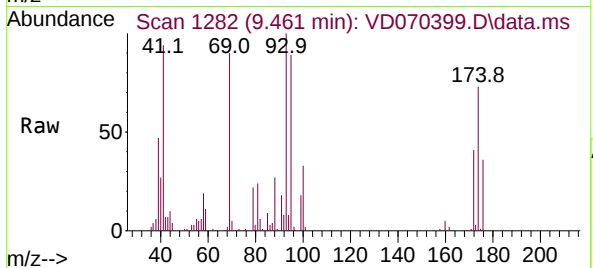
Tgt Ion: 41 Resp: 48427  
Ion Ratio Lower Upper  
41 100  
69 98.6 79.8 119.8  
39 43.6 34.4 51.6



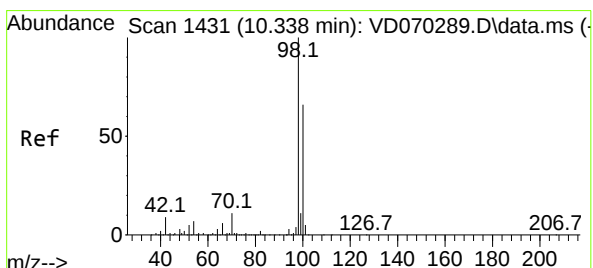
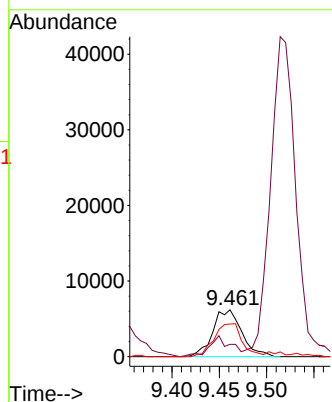
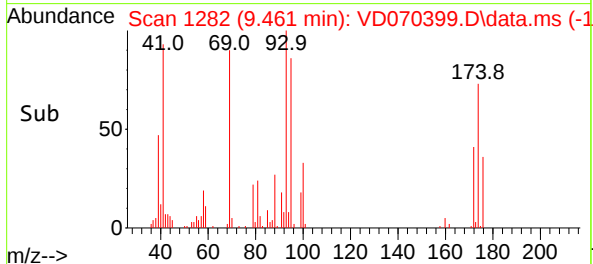


#49  
1,4-Dioxane  
Concen: 411.617 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

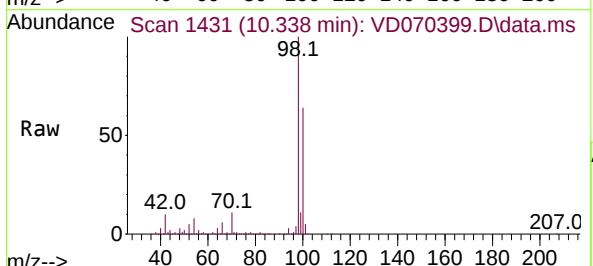
Instrument :  
MSVOA\_D  
ClientSampled :



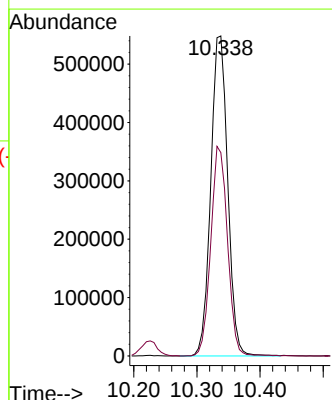
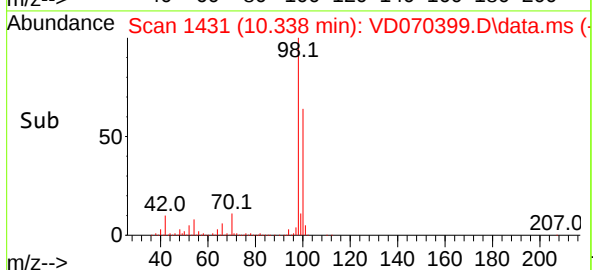
Tgt Ion: 88 Resp: 13230  
Ion Ratio Lower Upper  
88 100  
43 32.6 22.4 33.6  
58 67.9 54.2 81.4

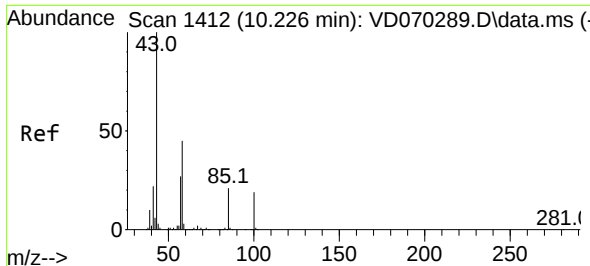


#50  
Toluene-d8  
Concen: 52.012 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50



Tgt Ion: 98 Resp: 1019322  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.0 78.0

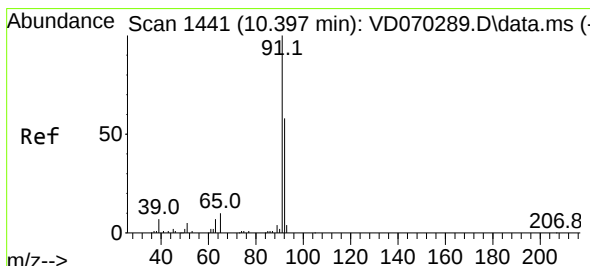
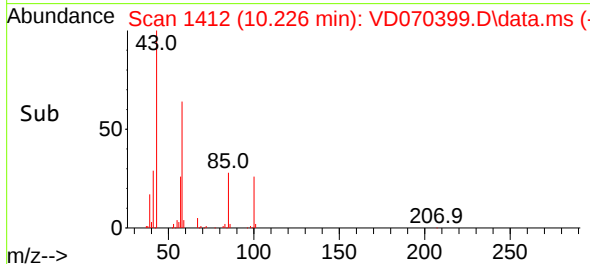
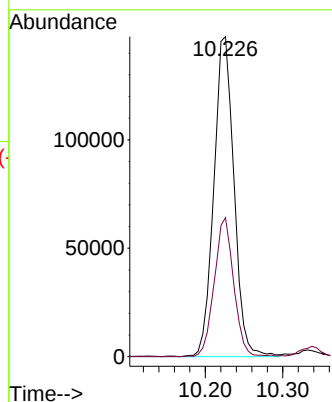
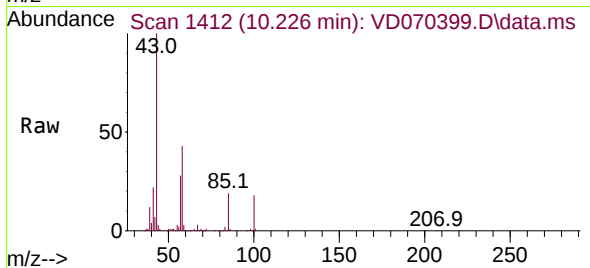




#51  
4-Methyl-2-Pentanone  
Concen: 92.215 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

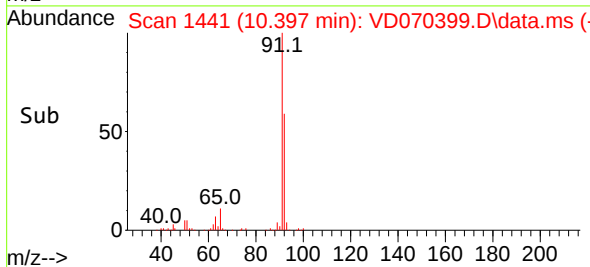
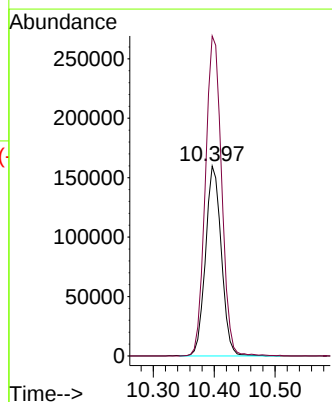
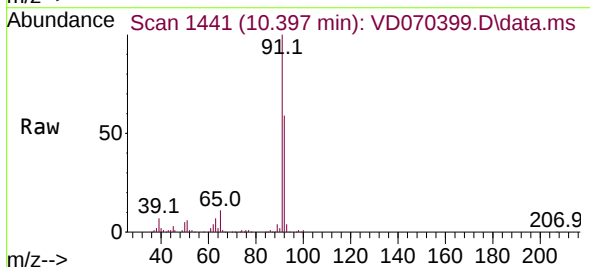
Instrument :  
MSVOA\_D  
ClientSampled :

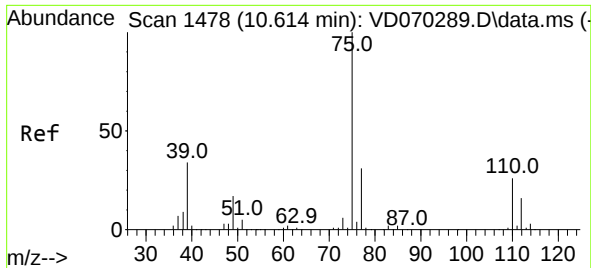
Tgt Ion: 43 Resp: 267412  
Ion Ratio Lower Upper  
43 100  
58 42.0 35.4 53.2



#52  
Toluene  
Concen: 20.081 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 92 Resp: 288208  
Ion Ratio Lower Upper  
92 100  
91 173.2 136.2 204.2

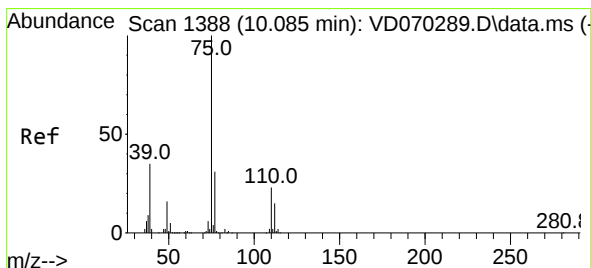
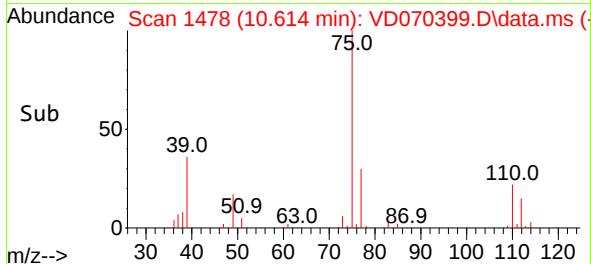
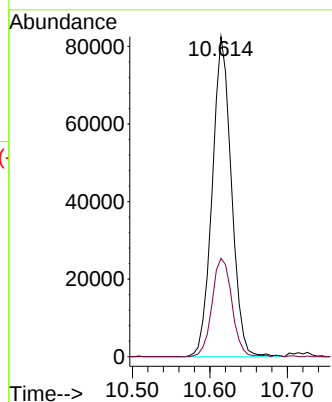
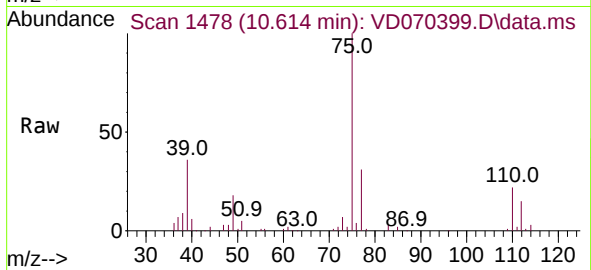




#53  
t-1,3-Dichloropropene  
Concen: 20.124 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

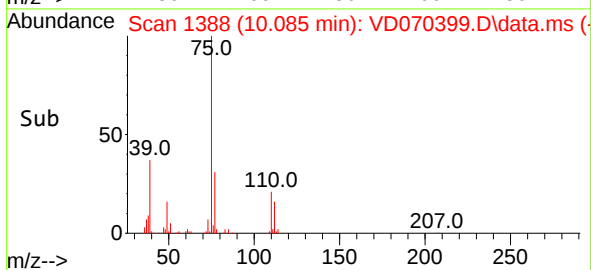
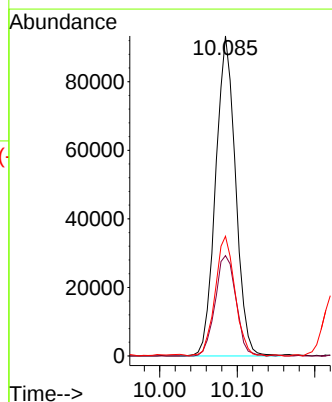
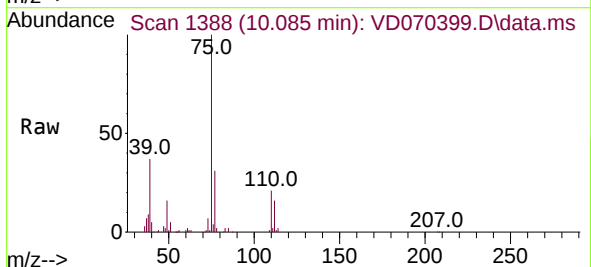
Instrument :  
MSVOA\_D  
ClientSampled :

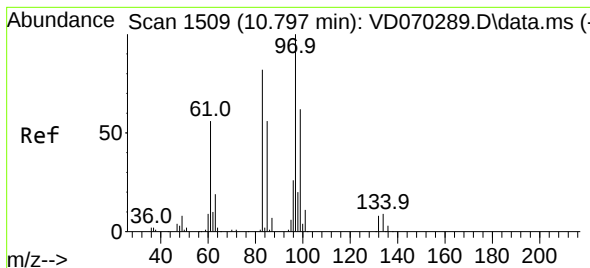
Tgt Ion: 75 Resp: 141721  
Ion Ratio Lower Upper  
75 100  
77 30.7 24.6 37.0



#54  
cis-1,3-Dichloropropene  
Concen: 19.430 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 75 Resp: 166528  
Ion Ratio Lower Upper  
75 100  
77 31.4 24.8 37.2  
39 37.2 27.8 41.6

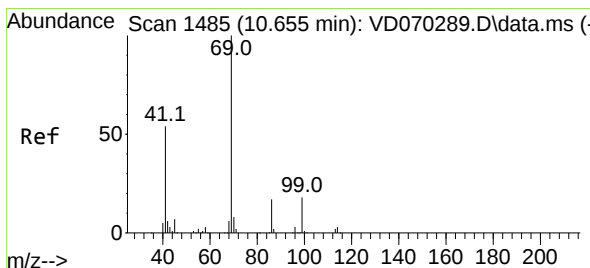
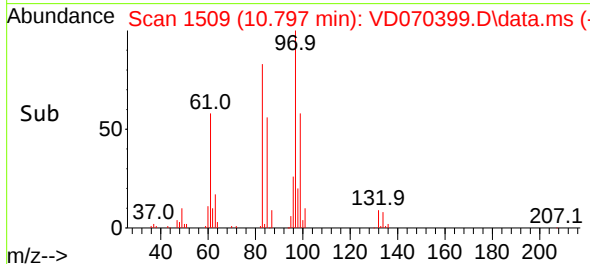
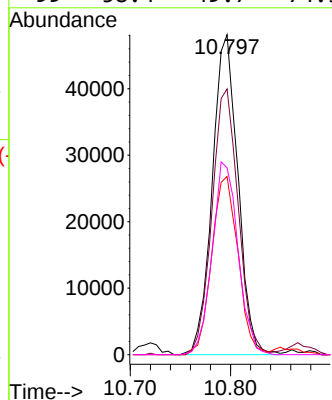
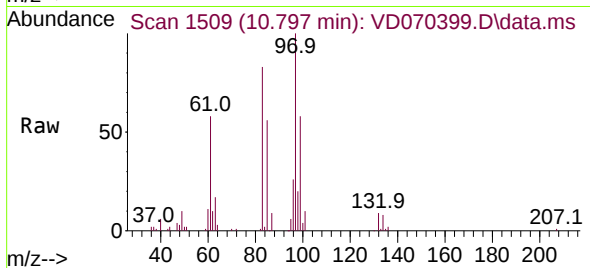




#55  
1,1,2-Trichloroethane  
Concen: 19.355 ug/l  
RT: 10.797 min Scan# 1509  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

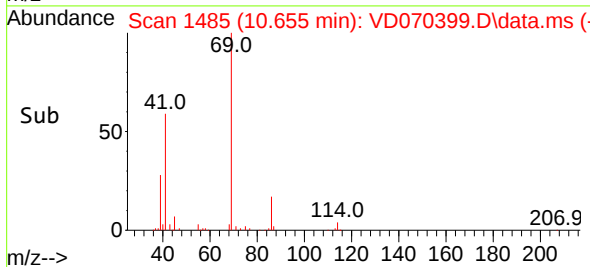
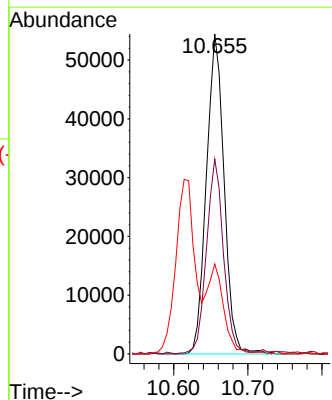
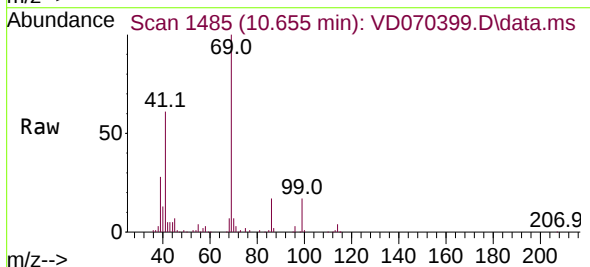
Instrument :  
MSVOA\_D  
ClientSampleId :

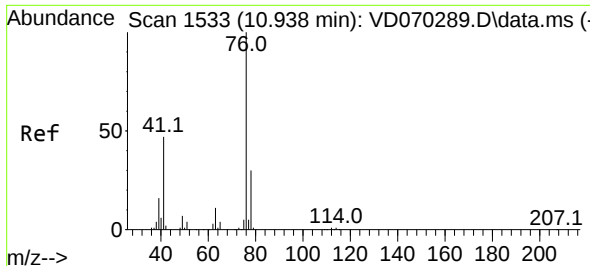
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 85444 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.0  | 65.3  | 97.9  |
| 85       | 55.7  | 44.8  | 67.2  |
| 99       | 58.4  | 49.7  | 74.5  |



#56  
Ethyl methacrylate  
Concen: 18.760 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 90410 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 58.7  | 43.6  | 65.4  |
| 39       | 25.5  | 18.6  | 28.0  |

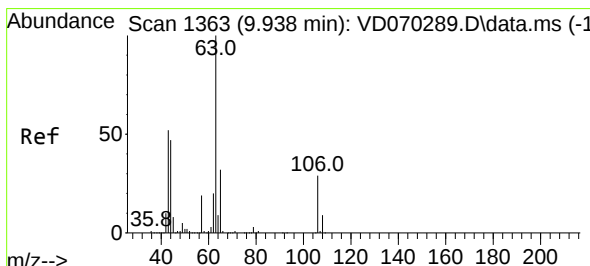
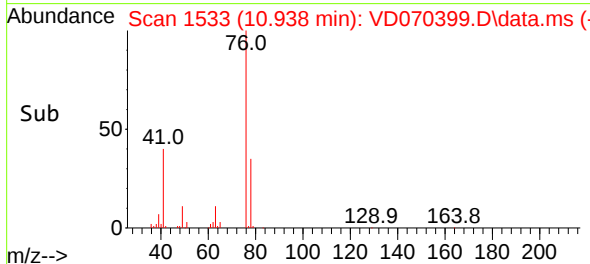
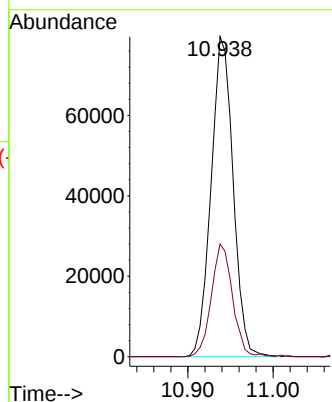
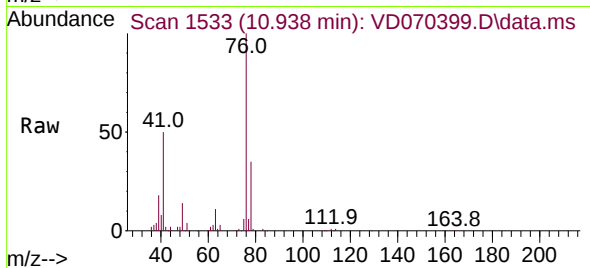




#57  
1,3-Dichloropropane  
Concen: 19.043 ug/l  
RT: 10.938 min Scan# 1533  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

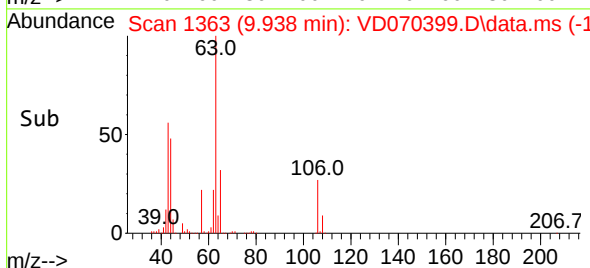
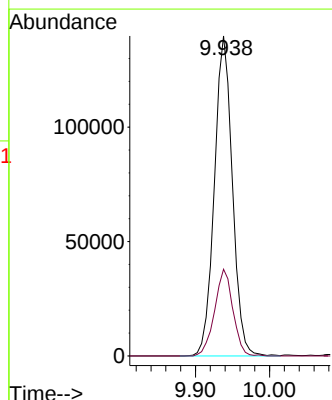
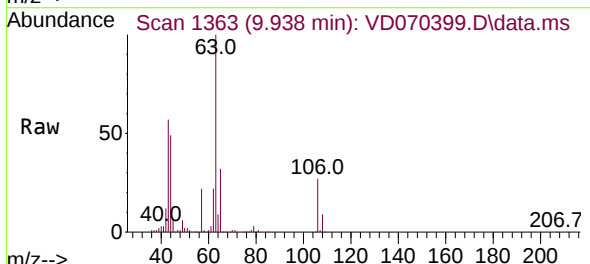
Instrument :  
MSVOA\_D  
ClientSampled :

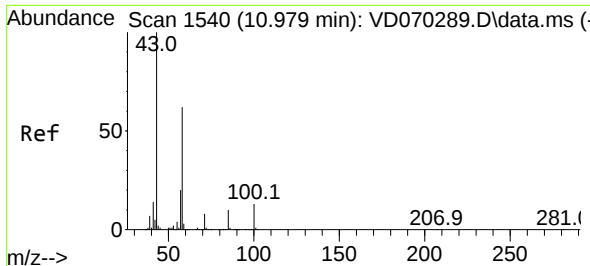
Tgt Ion: 76 Resp: 143125  
Ion Ratio Lower Upper  
76 100  
78 33.8 25.8 38.8



#58  
2-Chloroethyl Vinyl ether  
Concen: 101.688 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 63 Resp: 236198  
Ion Ratio Lower Upper  
63 100  
106 27.5 22.3 33.5

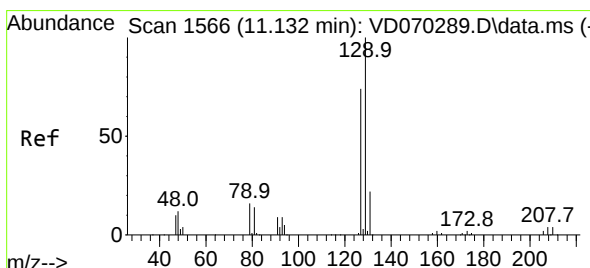
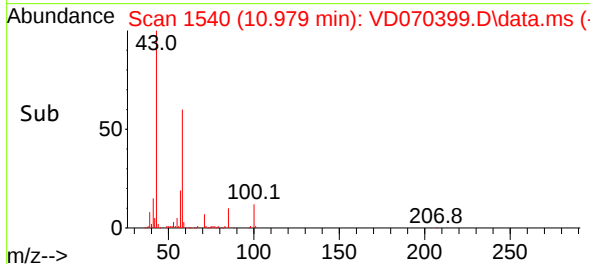
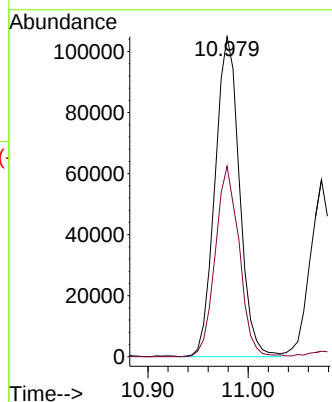
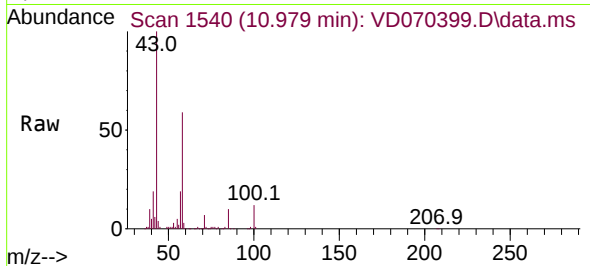




#59  
2-Hexanone  
Concen: 91.788 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

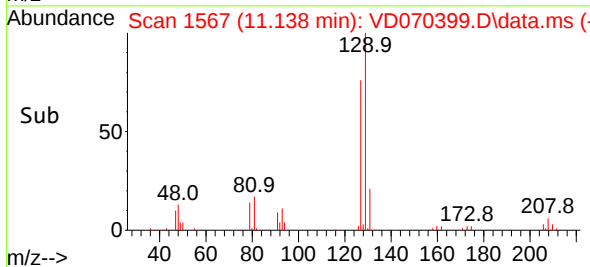
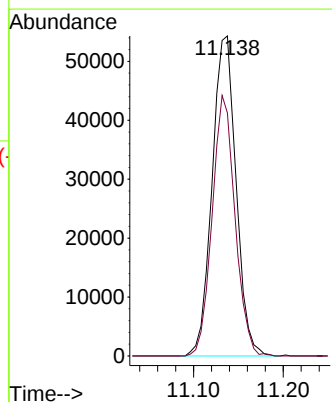
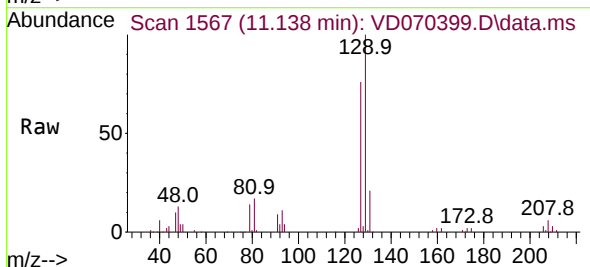
Instrument :  
MSVOA\_D  
ClientSampled :

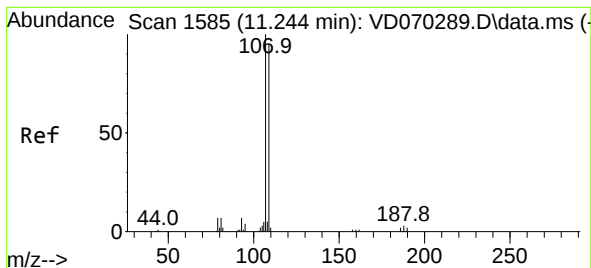
Tgt Ion: 43 Resp: 177590  
Ion Ratio Lower Upper  
43 100  
58 58.1 30.6 91.6



#60  
Dibromochloromethane  
Concen: 19.587 ug/l  
RT: 11.138 min Scan# 1567  
Delta R.T. 0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 129 Resp: 100629  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.0 114.0

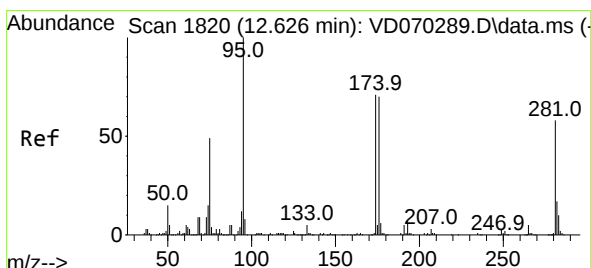
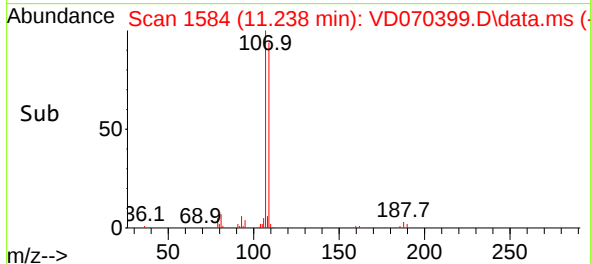
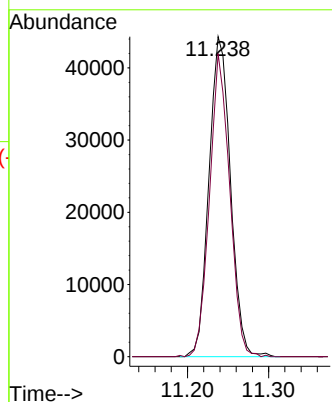
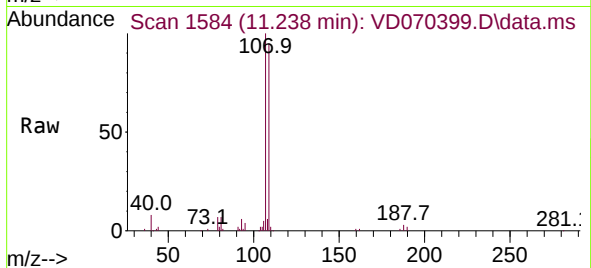




#61  
1,2-Dibromoethane  
Concen: 20.104 ug/l  
RT: 11.238 min Scan# 1584  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

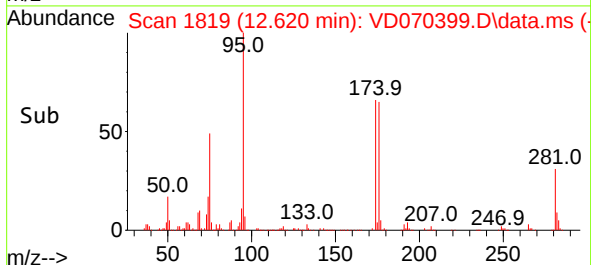
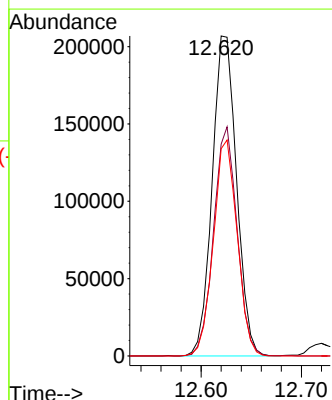
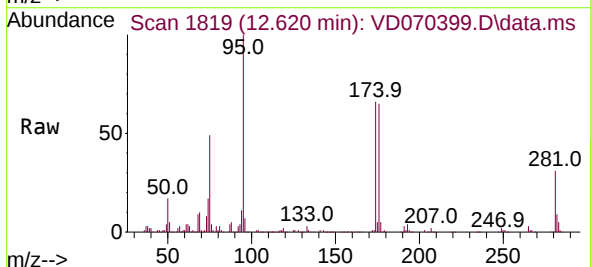
Instrument :  
MSVOA\_D  
ClientSampled :

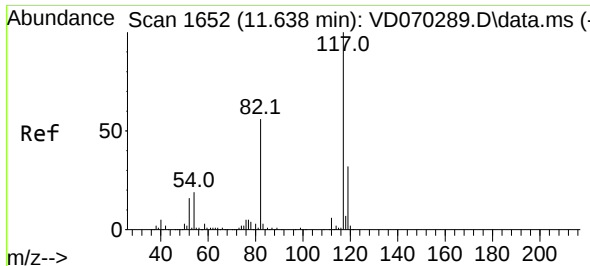
Tgt Ion:107 Resp: 81619  
Ion Ratio Lower Upper  
107 100  
109 88.3 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 51.083 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 95 Resp: 349877  
Ion Ratio Lower Upper  
95 100  
174 69.0 0.0 140.6  
176 65.8 0.0 137.4

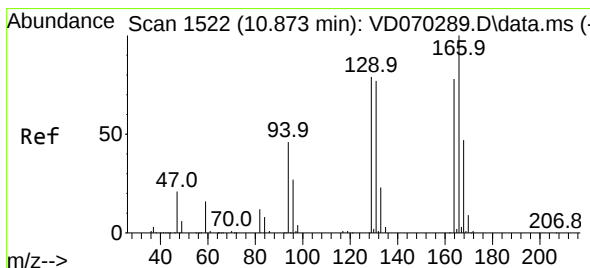
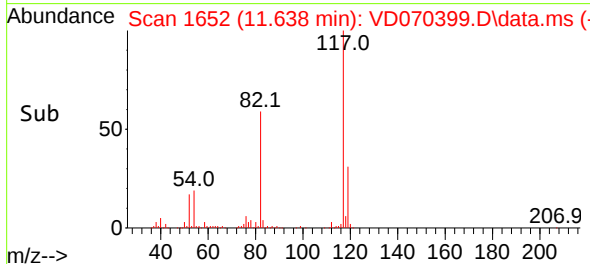
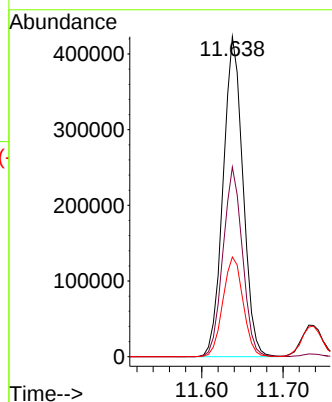
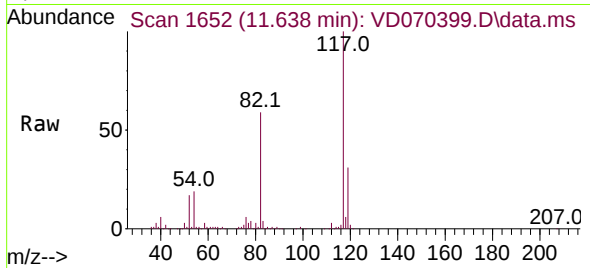




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

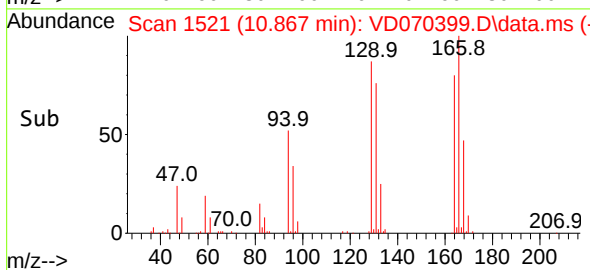
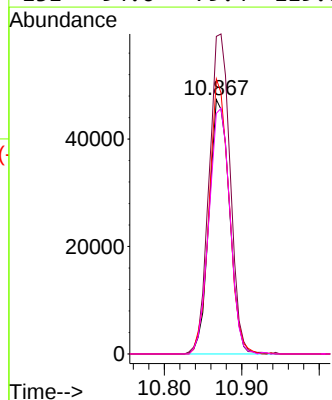
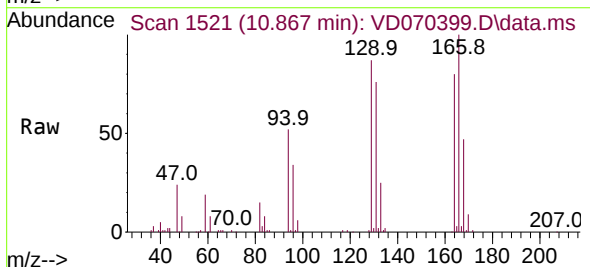
Instrument :  
MSVOA\_D  
ClientSampleId :

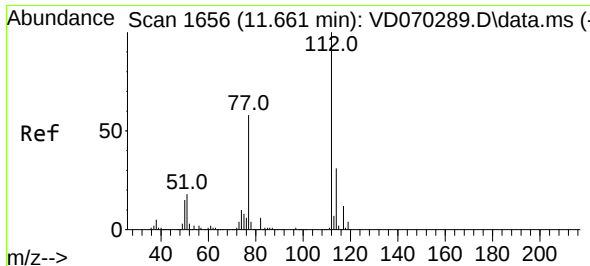
Tgt Ion:117 Resp: 718220  
Ion Ratio Lower Upper  
117 100  
82 59.2 45.0 67.4  
119 31.2 25.2 37.8



#64  
Tetrachloroethene  
Concen: 19.836 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion:164 Resp: 86739  
Ion Ratio Lower Upper  
164 100  
166 124.8 102.4 153.6  
129 108.1 80.9 121.3  
131 94.6 79.4 119.0

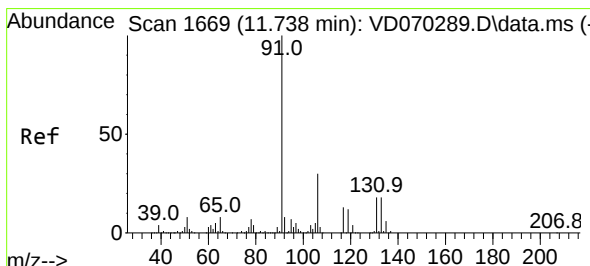
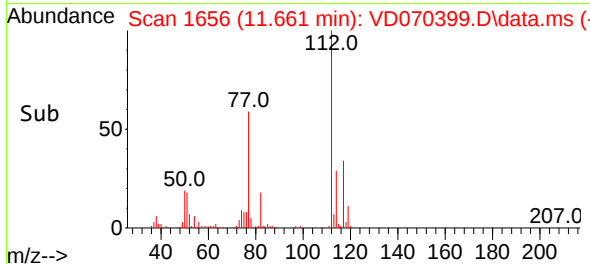
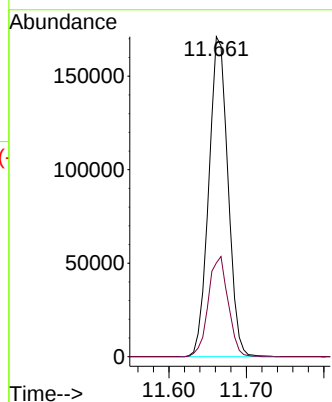
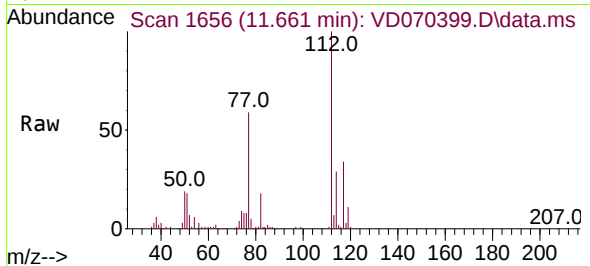




#65  
Chlorobenzene  
Concen: 19.775 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

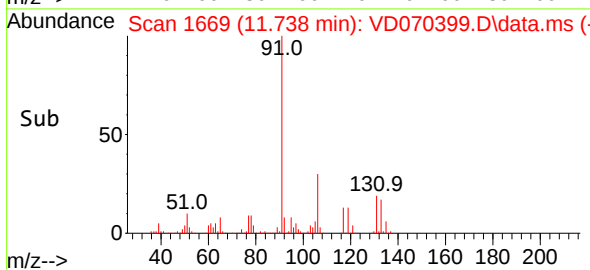
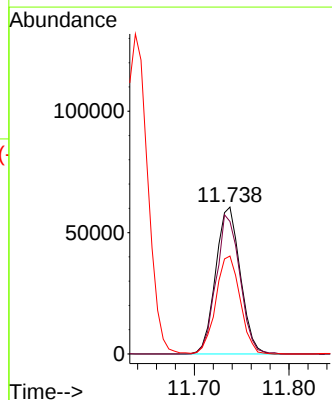
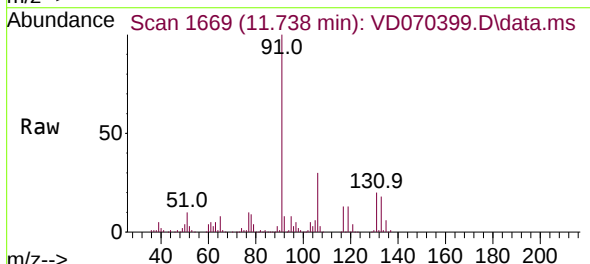
Instrument :  
MSVOA\_D  
ClientSampled :

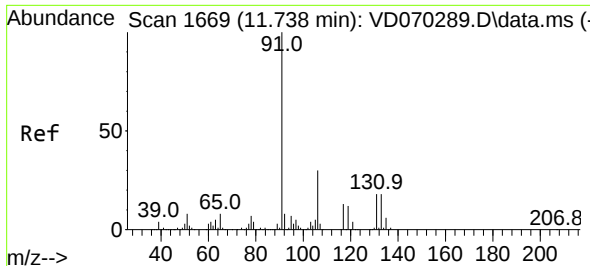
Tgt Ion:112 Resp: 294225  
Ion Ratio Lower Upper  
112 100  
114 29.3 24.7 37.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.038 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion:131 Resp: 109193  
Ion Ratio Lower Upper  
131 100  
133 91.6 48.4 145.2  
119 65.9 33.5 100.5

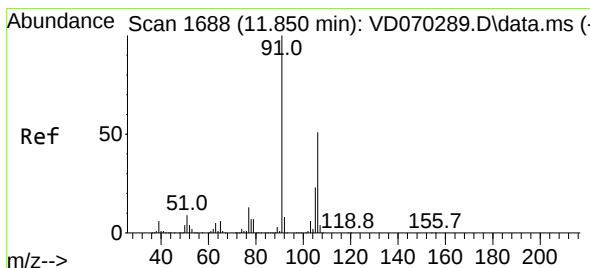
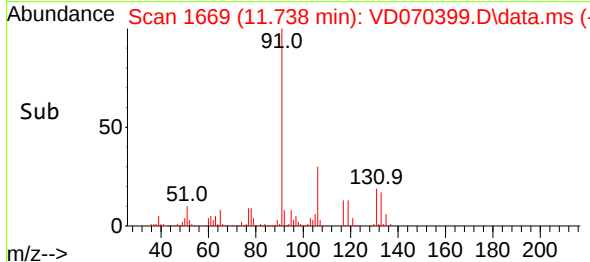
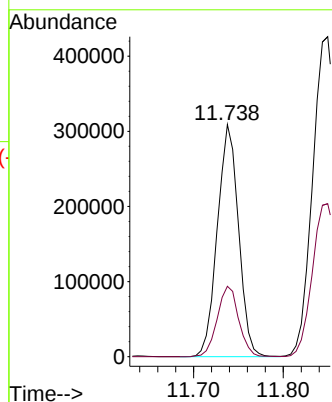
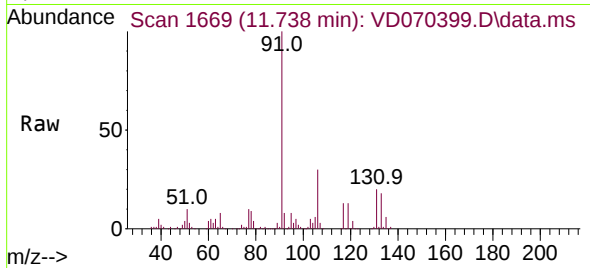




#67  
Ethyl Benzene  
Concen: 19.718 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

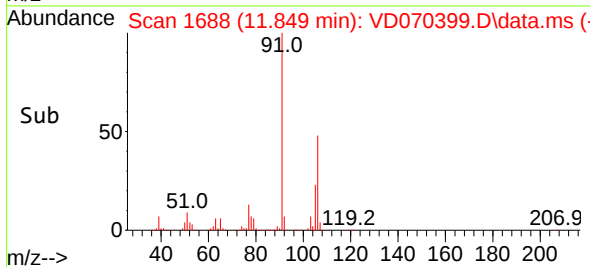
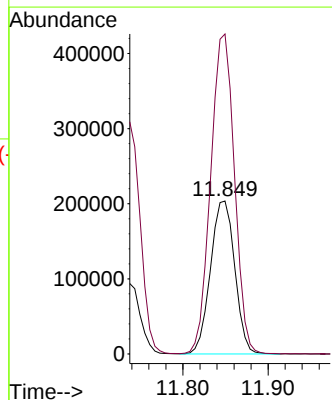
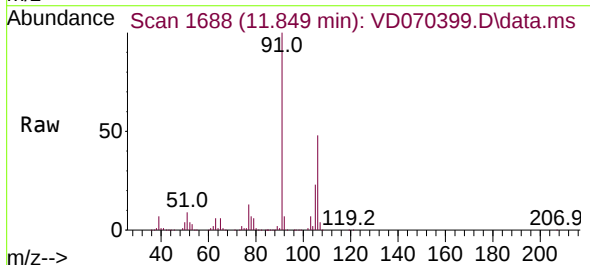
Instrument :  
MSVOA\_D  
ClientSampled :

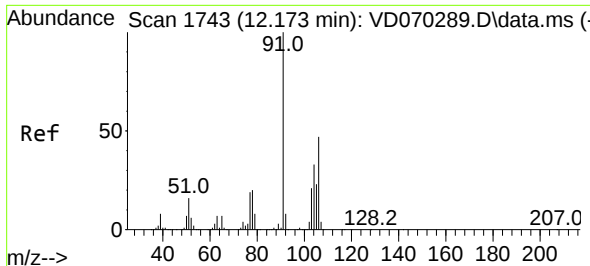
Tgt Ion: 91 Resp: 505974  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.2 36.2



#68  
m/p-Xylenes  
Concen: 40.718 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 106 Resp: 403533  
Ion Ratio Lower Upper  
106 100  
91 204.7 161.2 241.8

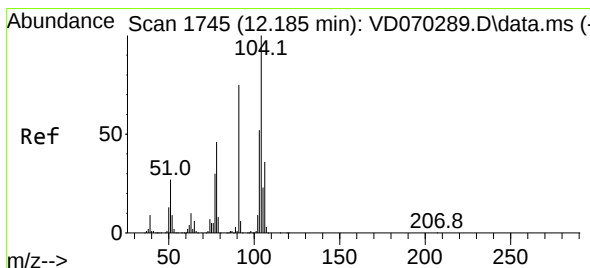
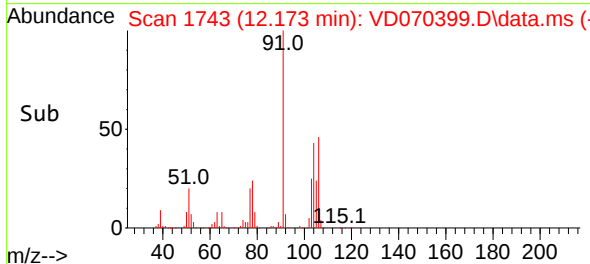
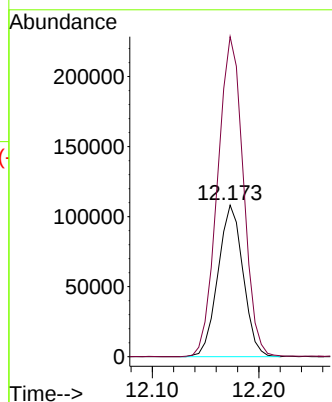
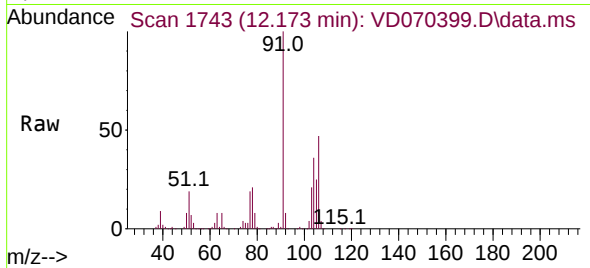




#69  
o-Xylene  
Concen: 19.930 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

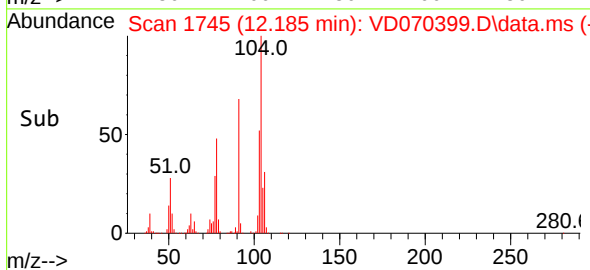
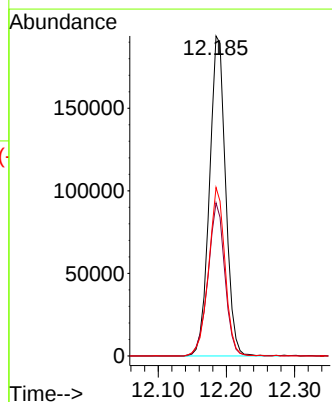
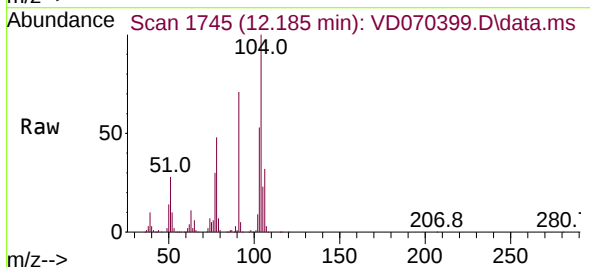
Instrument :  
MSVOA\_D  
ClientSampled :

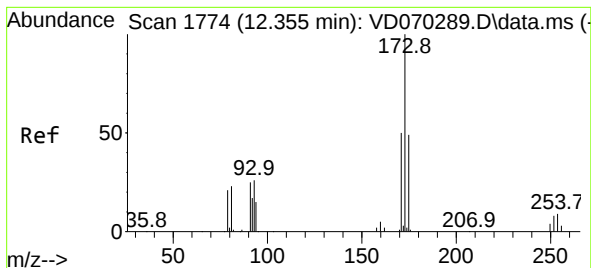
Tgt Ion:106 Resp: 176946  
Ion Ratio Lower Upper  
106 100  
91 217.9 106.3 318.9



#70  
Styrene  
Concen: 20.600 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion:104 Resp: 319504  
Ion Ratio Lower Upper  
104 100  
78 49.7 38.6 57.8  
103 53.7 43.4 65.0

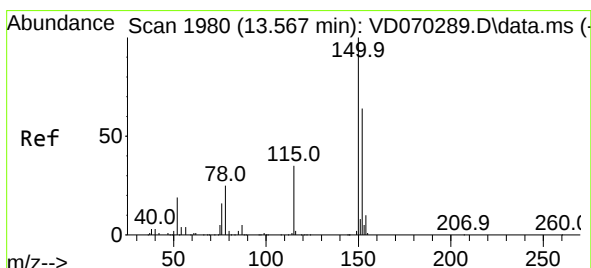
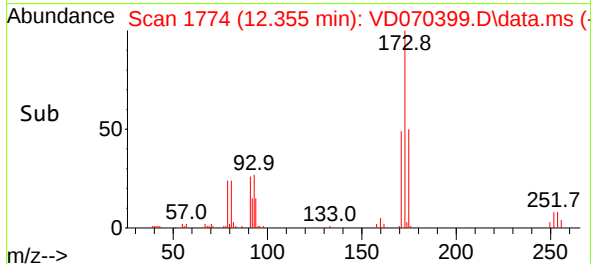
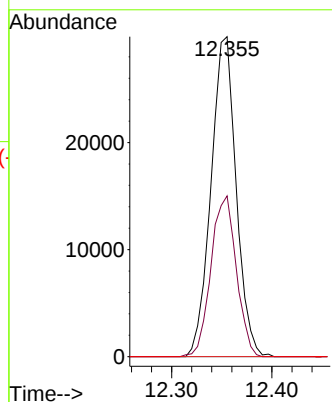
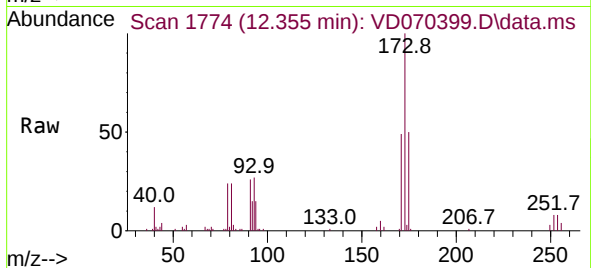




#71  
Bromoform  
Concen: 19.343 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

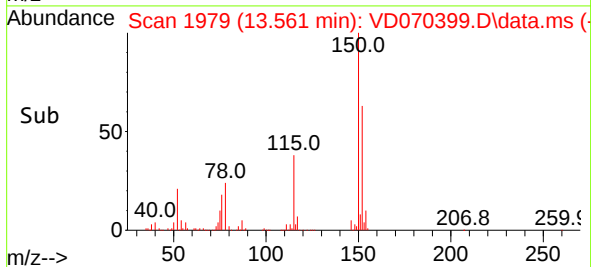
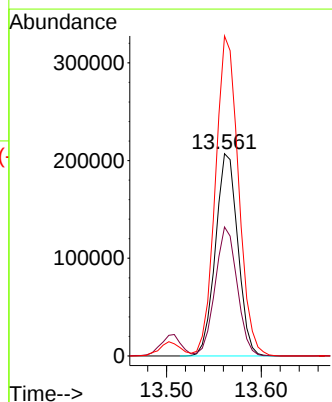
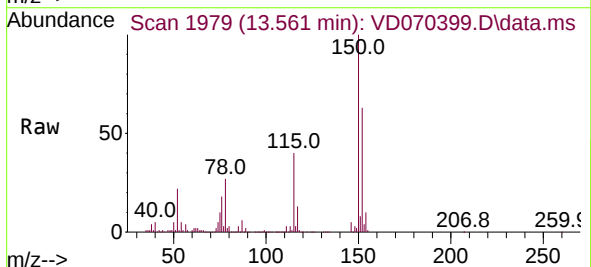
Instrument :  
MSVOA\_D  
ClientSampled :

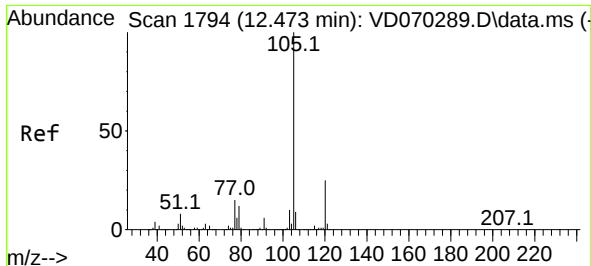
Tgt Ion:173 Resp: 52096  
Ion Ratio Lower Upper  
173 100  
175 50.5 25.1 75.2  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion:152 Resp: 339417  
Ion Ratio Lower Upper  
152 100  
115 63.2 32.1 96.3  
150 163.5 0.0 350.6

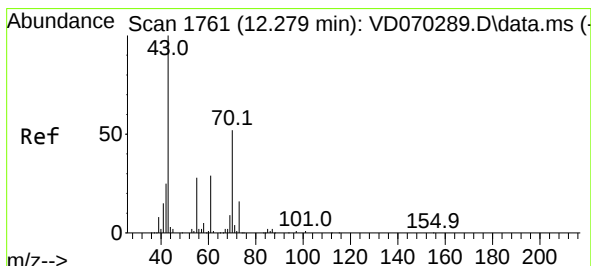
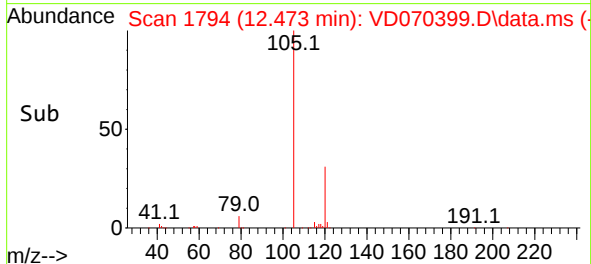
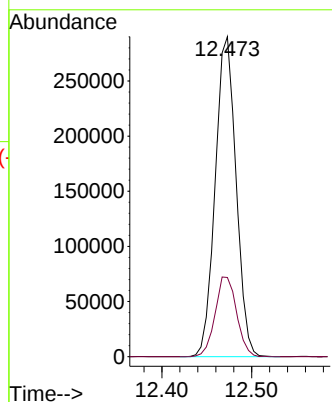
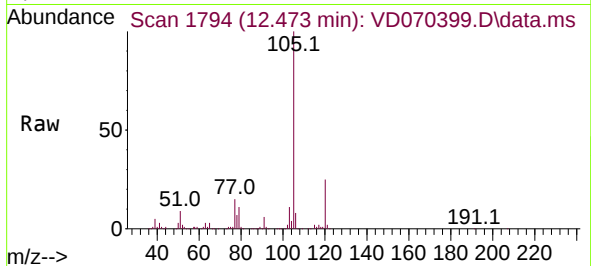




#73  
Isopropylbenzene  
Concen: 19.666 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

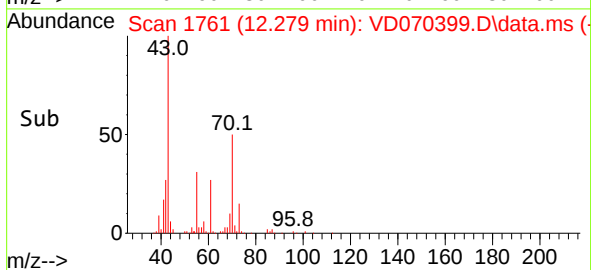
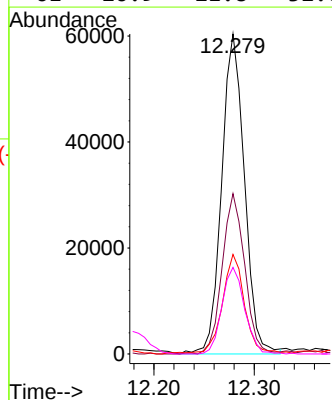
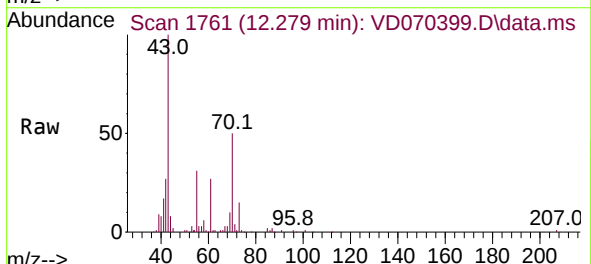
Instrument :  
MSVOA\_D  
ClientSampled :

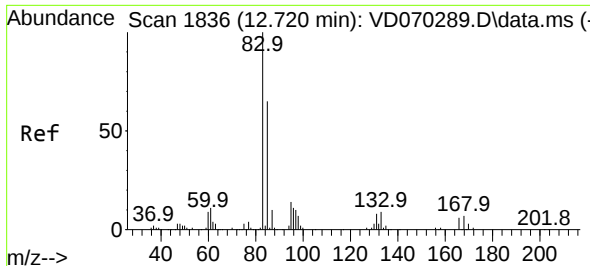
Tgt Ion:105 Resp: 468113  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.0 38.9



#74  
N-ethyl acetate  
Concen: 18.369 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 43 Resp: 95266  
Ion Ratio Lower Upper  
43 100  
70 49.3 41.4 62.0  
55 30.9 22.8 34.2  
61 26.9 21.8 32.6

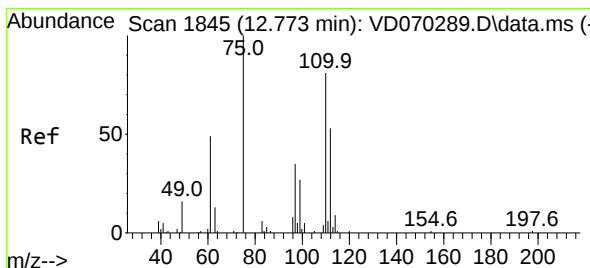
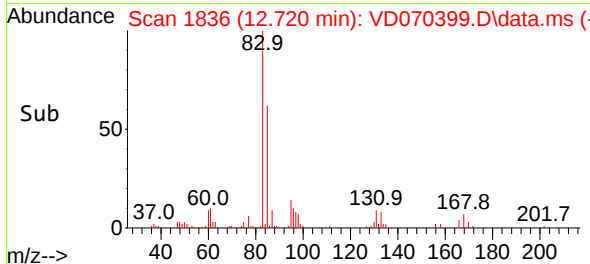
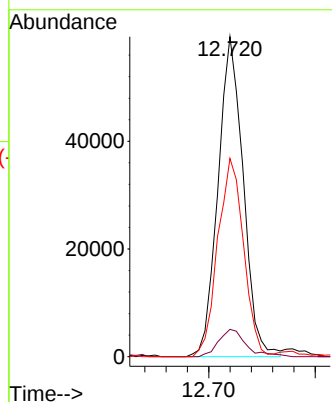
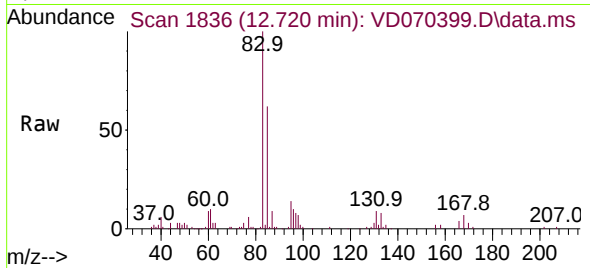




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.122 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

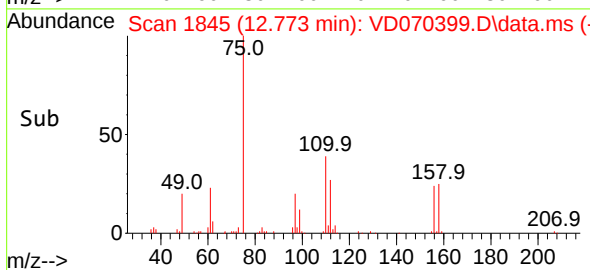
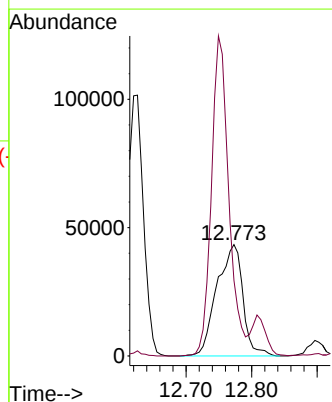
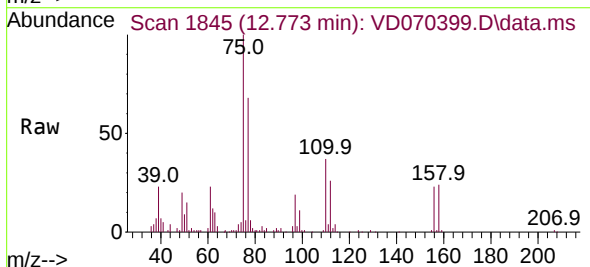
Instrument :  
MSVOA\_D  
ClientSampled :

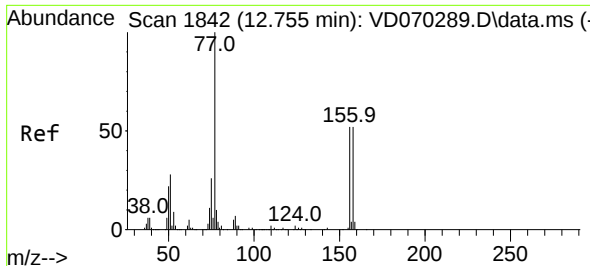
Tgt Ion: 83 Resp: 97484  
Ion Ratio Lower Upper  
83 100  
131 9.3 4.8 14.4  
85 63.7 32.1 96.3



#76  
1,2,3-Trichloropropane  
Concen: 34.879 ug/l  
RT: 12.773 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 75 Resp: 119747  
Ion Ratio Lower Upper  
75 100  
77 0.0 174.9 524.7#

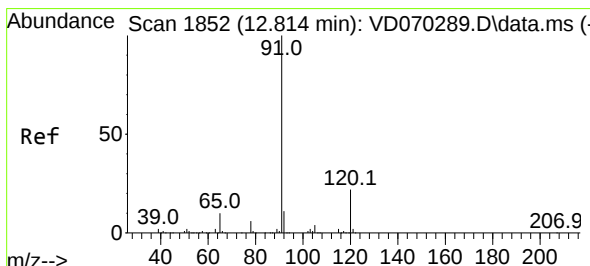
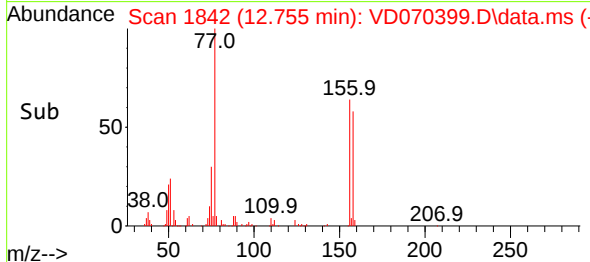
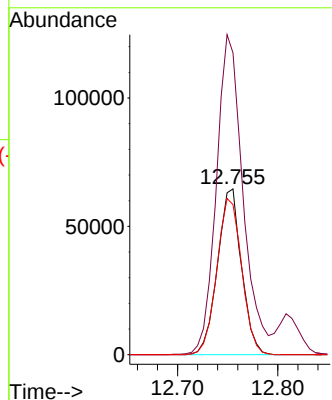
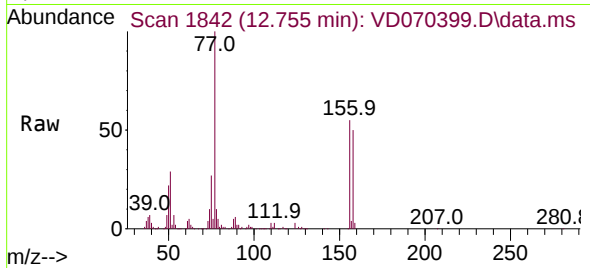




#77  
Bromobenzene  
Concen: 19.532 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

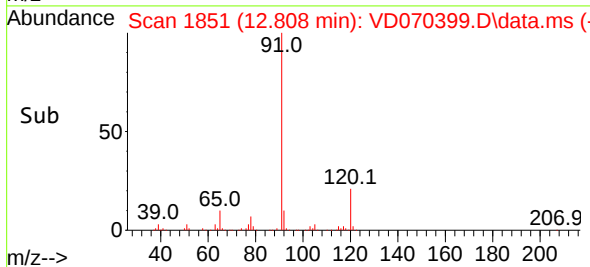
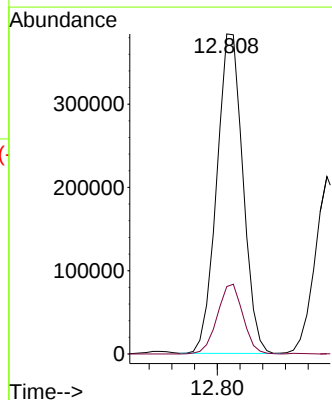
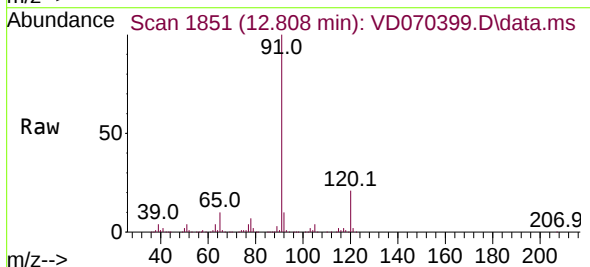
Instrument :  
MSVOA\_D  
ClientSampleId :

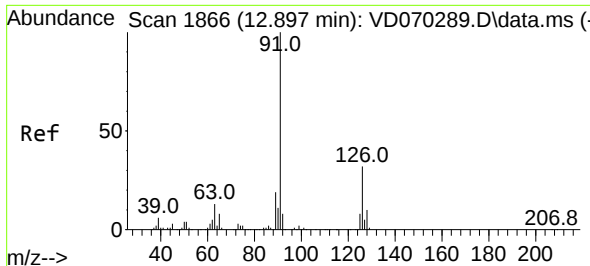
Tgt Ion:156 Resp: 107265  
Ion Ratio Lower Upper  
156 100  
77 213.6 104.3 312.8  
158 97.4 49.4 148.0



#78  
n-propylbenzene  
Concen: 19.906 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 91 Resp: 614984  
Ion Ratio Lower Upper  
91 100  
120 21.3 11.0 33.0

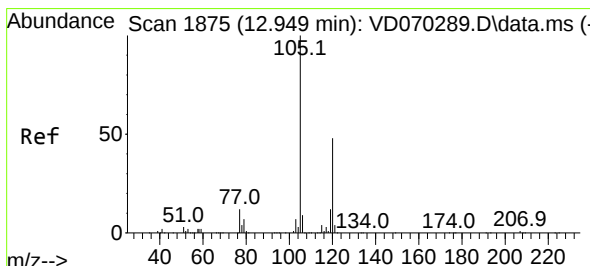
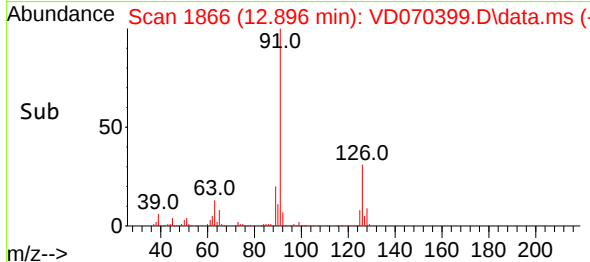
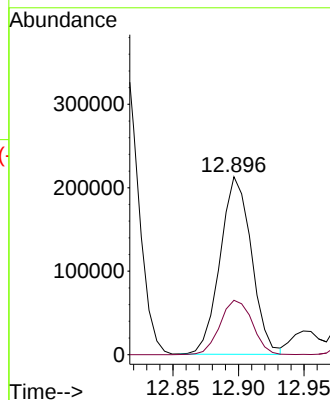
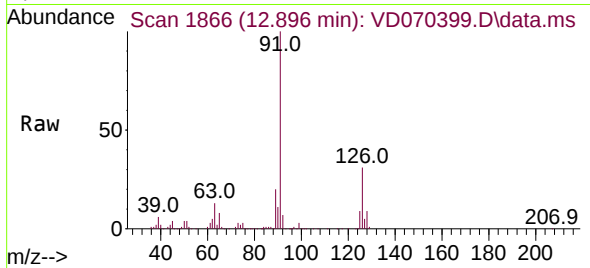




#79  
2-Chlorotoluene  
Concen: 19.662 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

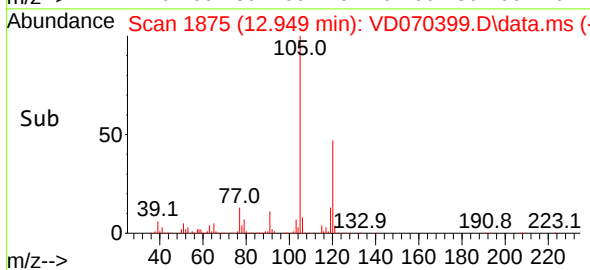
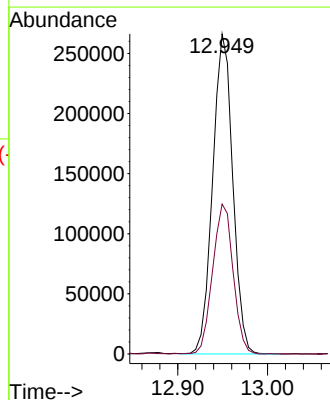
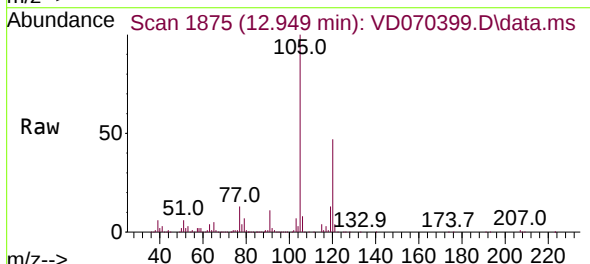
Instrument :  
MSVOA\_D  
ClientSampleId :

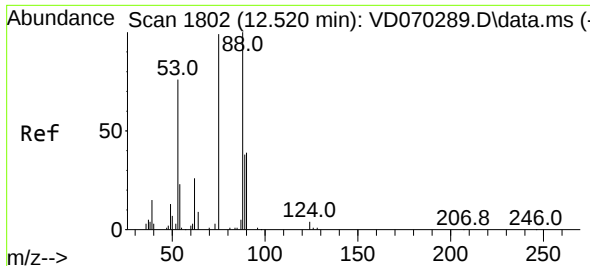
Tgt Ion: 91 Resp: 354060  
Ion Ratio Lower Upper  
91 100  
126 31.6 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 20.112 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion:105 Resp: 413169  
Ion Ratio Lower Upper  
105 100  
120 47.8 24.1 72.2

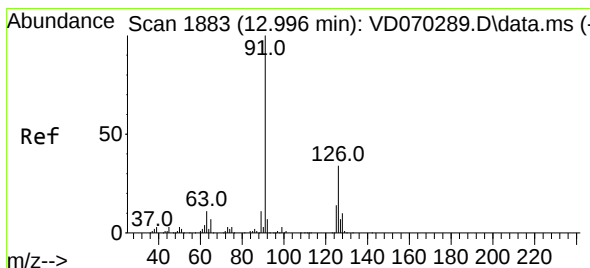
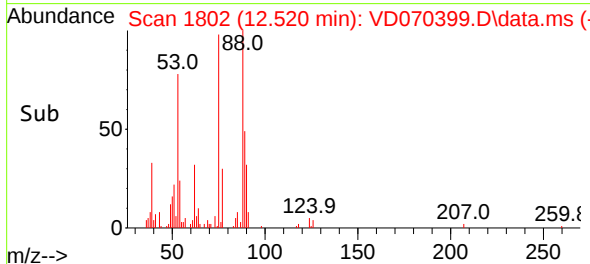
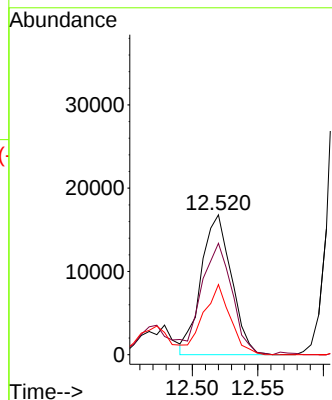
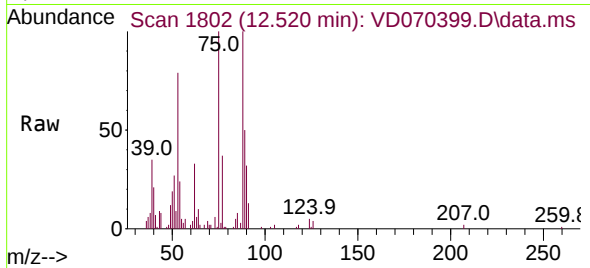




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.704 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

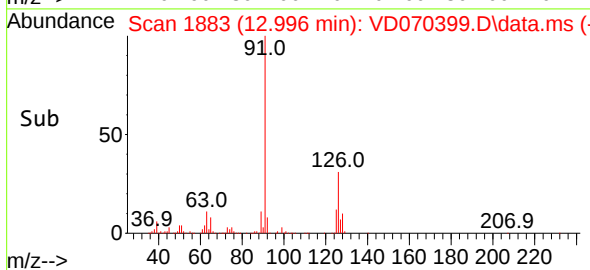
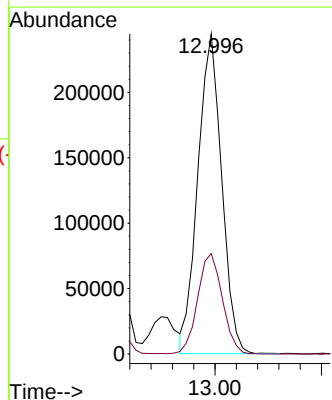
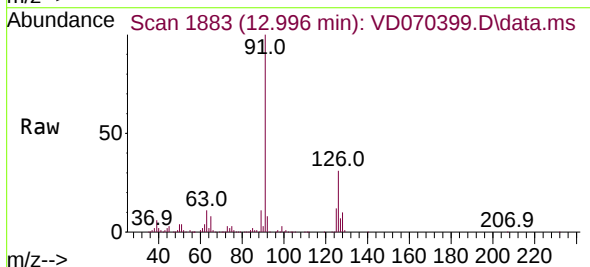
Instrument :  
MSVOA\_D  
ClientSampleId :

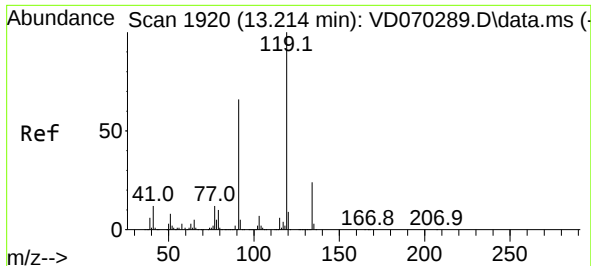
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 26999 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 82.8  | 64.2  | 96.2  |
| 89       | 45.3  | 35.6  | 53.4  |



#82  
4-Chlorotoluene  
Concen: 20.017 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 380263 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 32.5  | 16.2  | 48.5   |

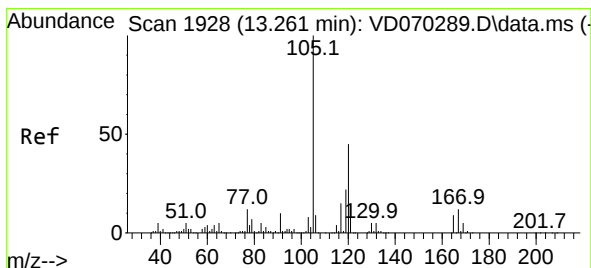
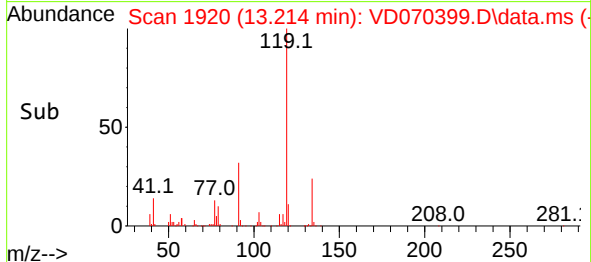
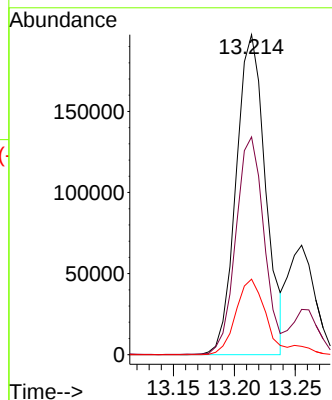
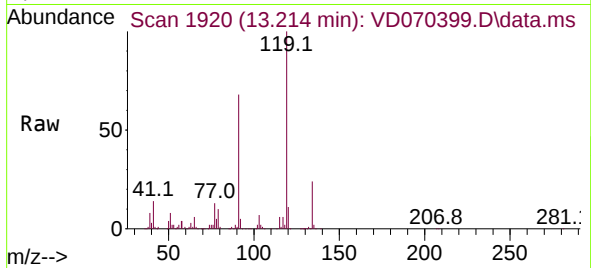




#83  
tert-Butylbenzene  
Concen: 20.135 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

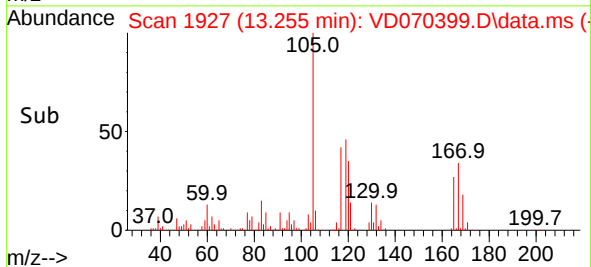
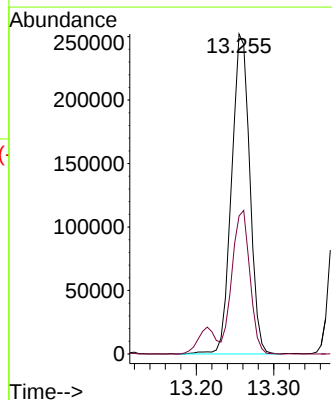
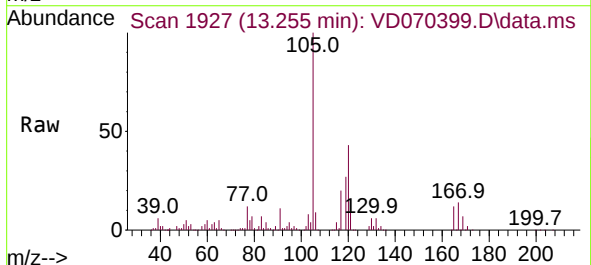
Instrument :  
MSVOA\_D  
ClientSampleId :

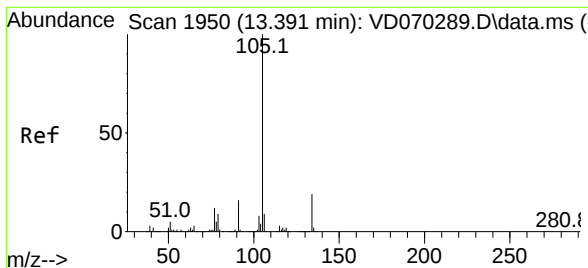
Tgt Ion:119 Resp: 331747  
Ion Ratio Lower Upper  
119 100  
91 65.4 33.7 101.0  
134 23.6 13.2 39.5



#84  
1,2,4-Trimethylbenzene  
Concen: 20.262 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion:105 Resp: 409887  
Ion Ratio Lower Upper  
105 100  
120 44.0 22.3 66.8

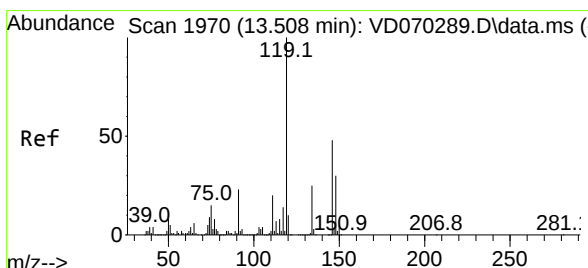
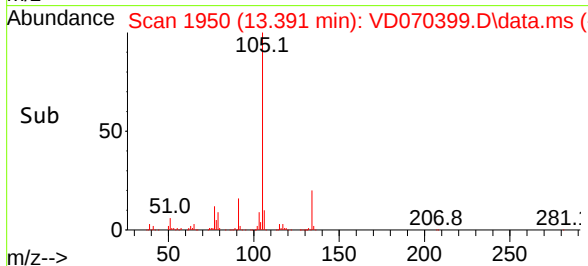
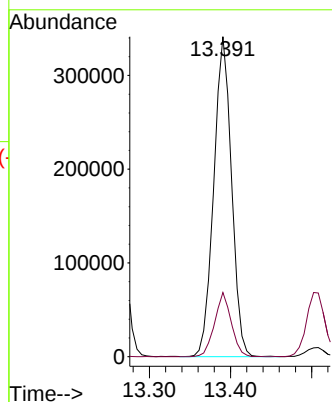
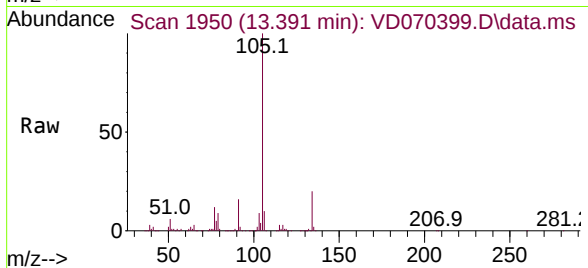




#85  
 sec-Butylbenzene  
 Concen: 19.832 ug/l  
 RT: 13.391 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD070399.D  
 Acq: 21 Sep 2021 12:50

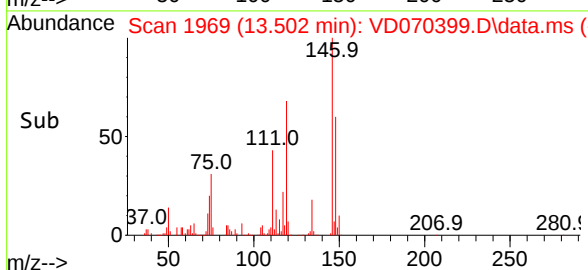
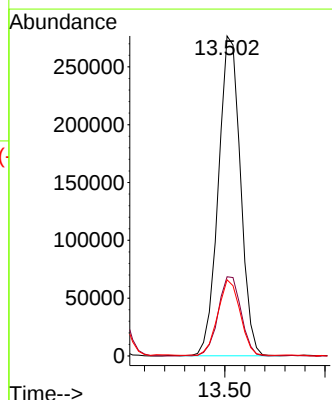
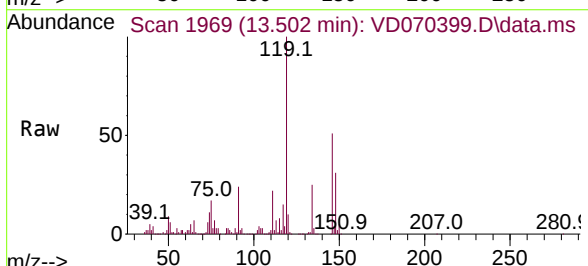
Instrument :  
 MSVOA\_D  
 ClientSampleId :

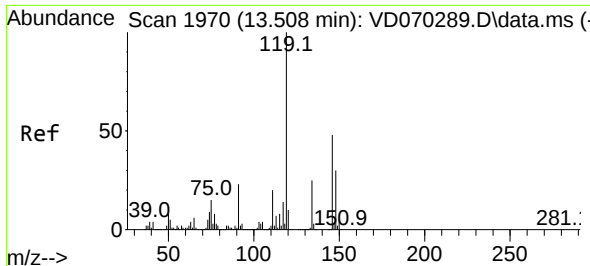
Tgt Ion:105 Resp: 519382  
 Ion Ratio Lower Upper  
 105 100  
 134 18.8 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 20.009 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.006 min  
 Lab File: VD070399.D  
 Acq: 21 Sep 2021 12:50

Tgt Ion:119 Resp: 421036  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 12.7 38.0  
 91 23.8 11.8 35.3



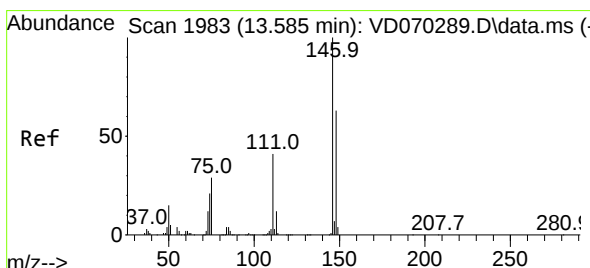
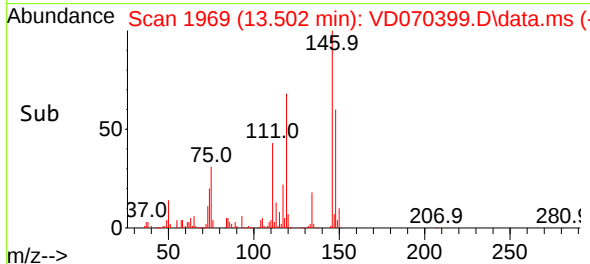
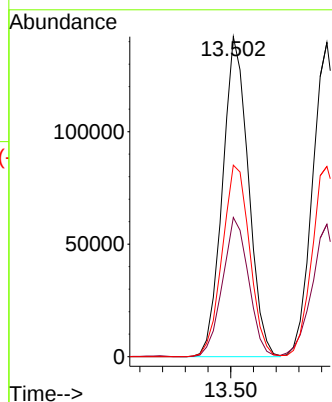
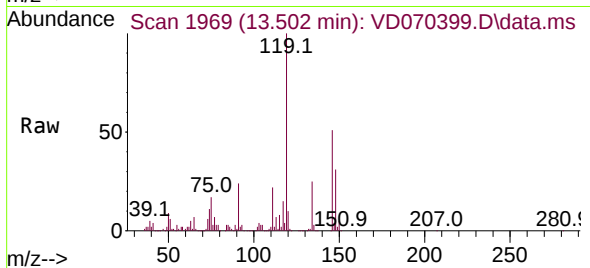


#87

1,3-Dichlorobenzene  
Concen: 19.687 ug/l  
RT: 13.502 min Scan# 1969  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Instrument :  
MSVOA\_D  
ClientSampleId :

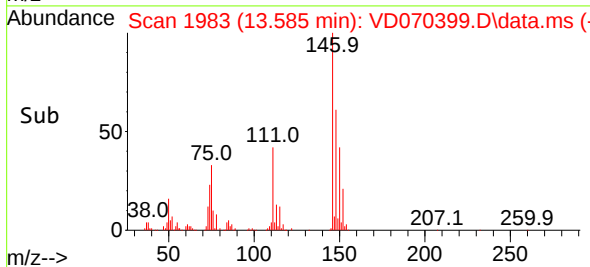
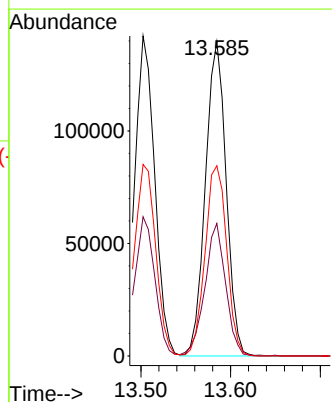
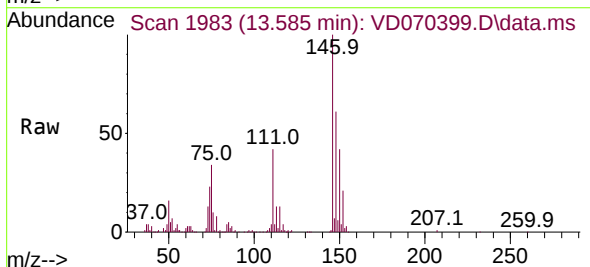
Tgt Ion:146 Resp: 225094  
Ion Ratio Lower Upper  
146 100  
111 43.7 21.5 64.5  
148 63.4 31.4 94.2

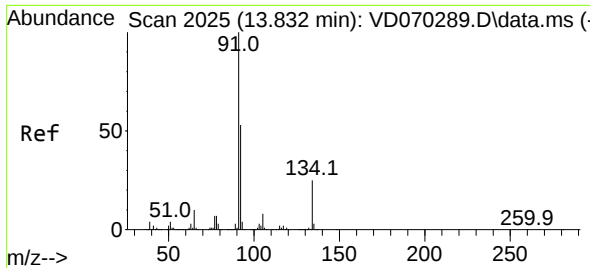


#88

1,4-Dichlorobenzene  
Concen: 19.551 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion:146 Resp: 224374  
Ion Ratio Lower Upper  
146 100  
111 42.3 20.9 62.8  
148 63.2 31.9 95.5

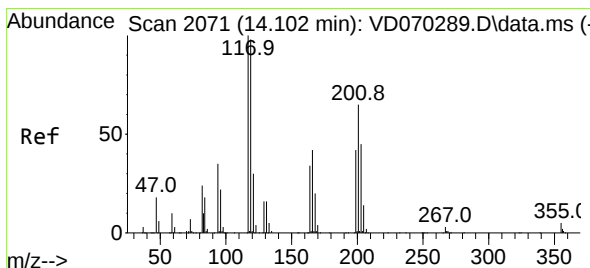
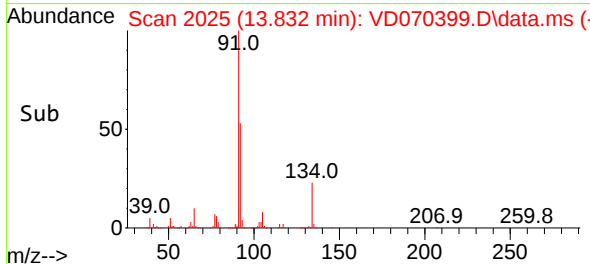
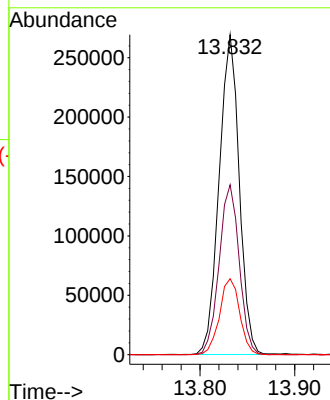
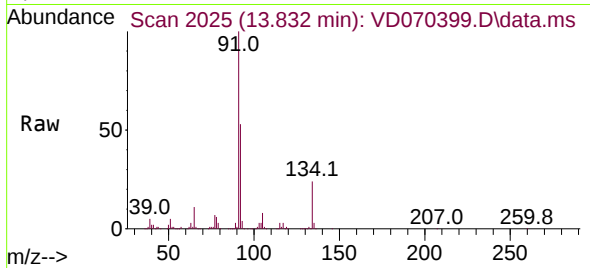




#89  
n-Butylbenzene  
Concen: 18.935 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

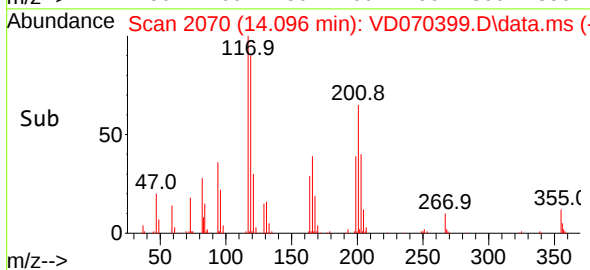
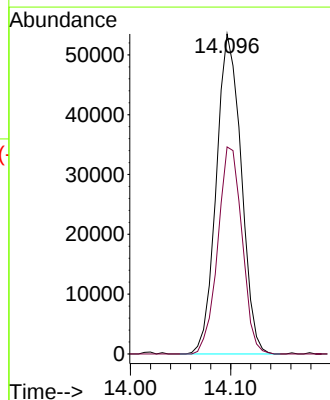
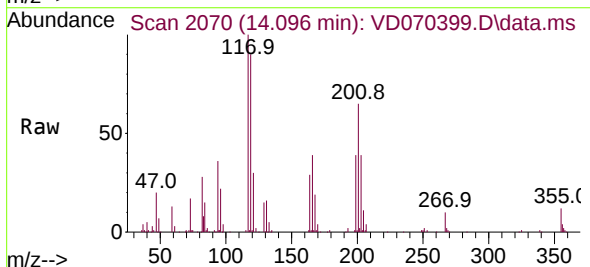
Instrument :  
MSVOA\_D  
ClientSampleId :

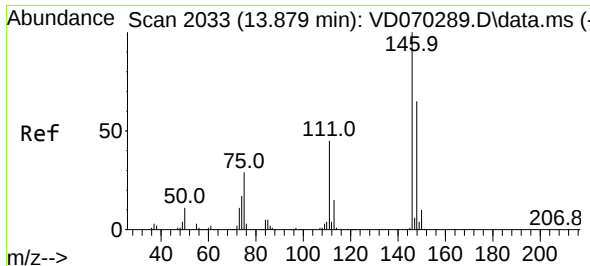
Tgt Ion: 91 Resp: 397242  
Ion Ratio Lower Upper  
91 100  
92 53.2 26.8 80.4  
134 23.9 12.1 36.3



#90  
Hexachloroethane  
Concen: 19.115 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 117 Resp: 92072  
Ion Ratio Lower Upper  
117 100  
201 63.0 31.9 95.9

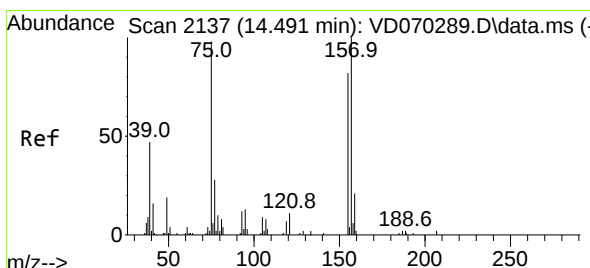
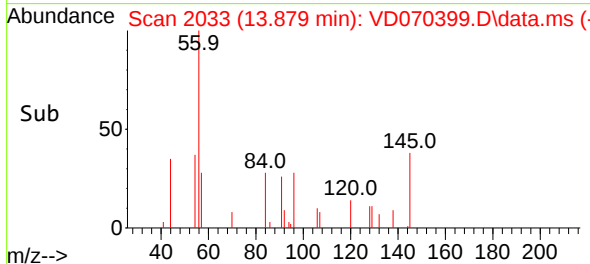
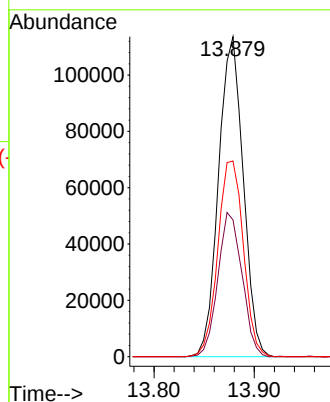
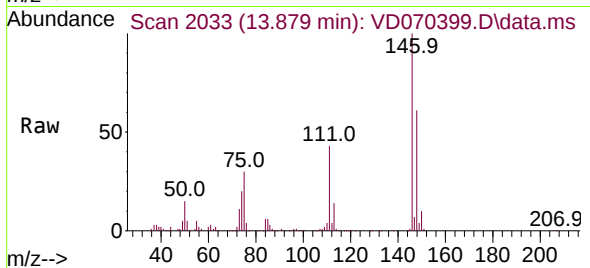




#91  
1,2-Dichlorobenzene  
Concen: 19.222 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

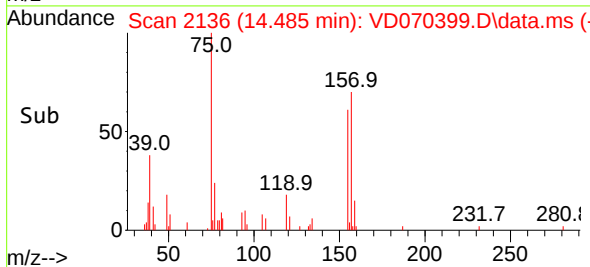
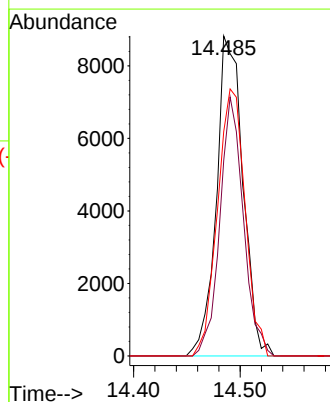
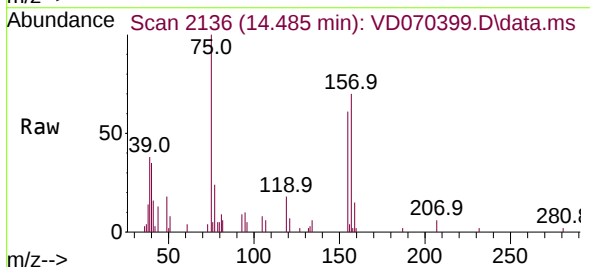
Instrument :  
MSVOA\_D  
ClientSampled :

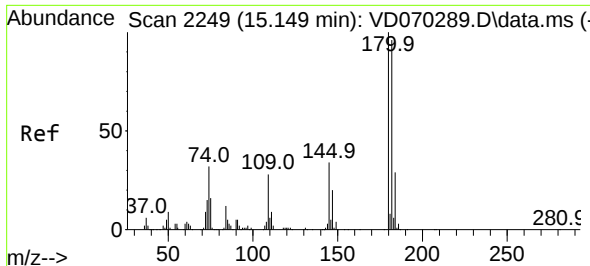
Tgt Ion:146 Resp: 193909  
Ion Ratio Lower Upper  
146 100  
111 44.1 21.9 65.7  
148 63.4 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.973 ug/l  
RT: 14.485 min Scan# 2136  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion: 75 Resp: 15250  
Ion Ratio Lower Upper  
75 100  
155 71.9 40.3 120.9  
157 86.7 48.9 146.6

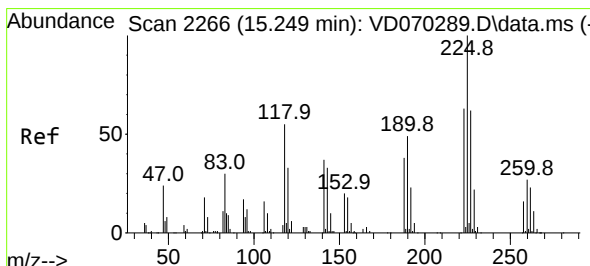
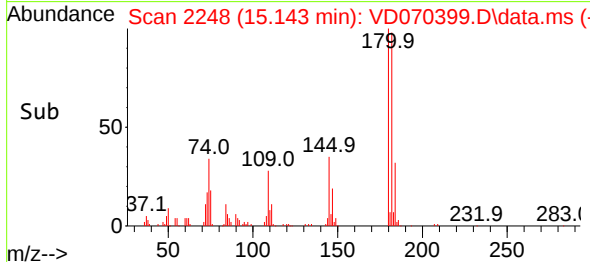
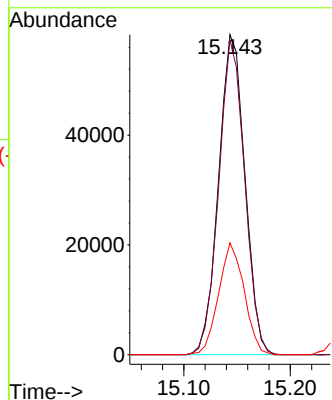
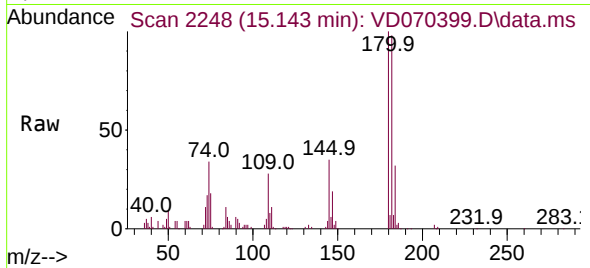




#93  
1,2,4-Trichlorobenzene  
Concen: 18.371 ug/l  
RT: 15.143 min Scan# 2248  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

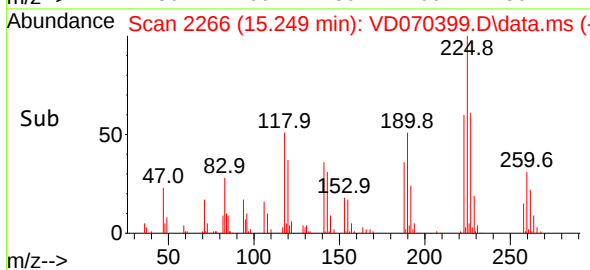
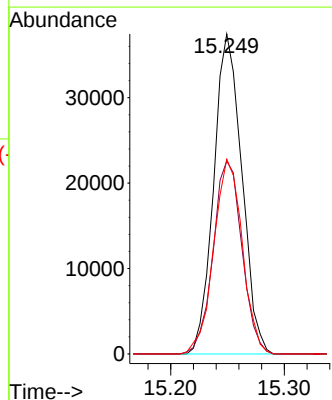
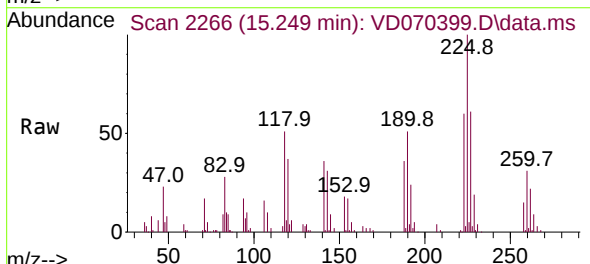
Instrument :  
MSVOA\_D  
ClientSampled :

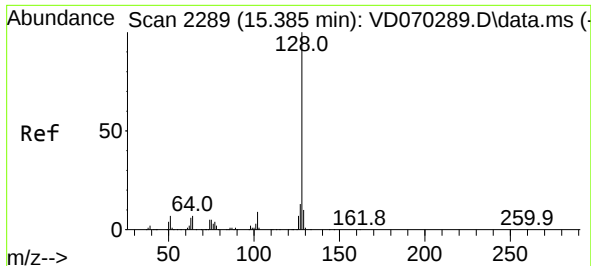
Tgt Ion:180 Resp: 100077  
Ion Ratio Lower Upper  
180 100  
182 96.7 48.1 144.4  
145 33.9 16.8 50.4



#94  
Hexachlorobutadiene  
Concen: 19.234 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion:225 Resp: 64269  
Ion Ratio Lower Upper  
225 100  
223 61.8 31.4 94.3  
227 62.0 32.7 98.1

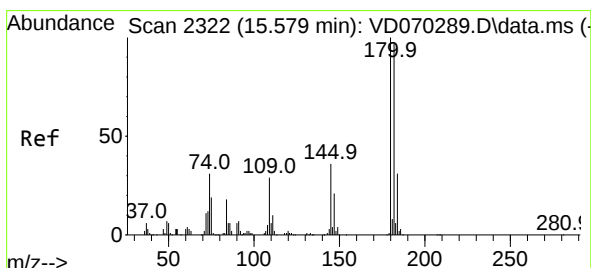
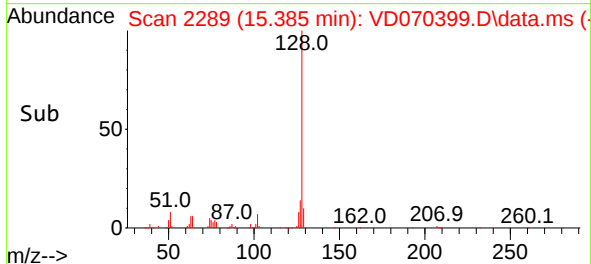
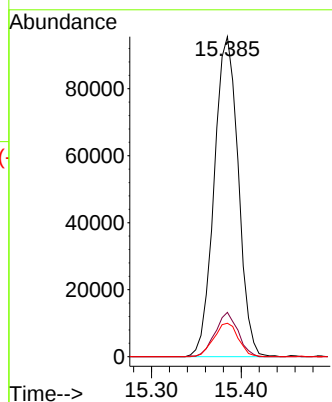
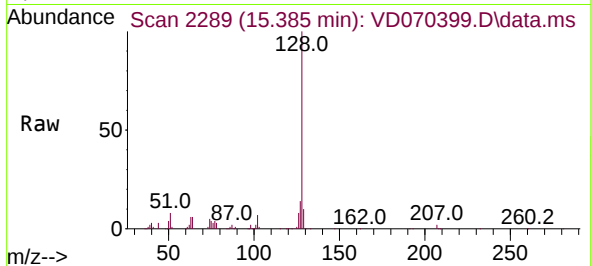




#95  
Naphthalene  
Concen: 17.982 ug/l  
RT: 15.385 min Scan# 2289  
Delta R.T. -0.000 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Instrument :  
MSVOA\_D  
ClientSampled :

Tgt Ion:128 Resp: 178029  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.5 15.7  
129 10.7 9.0 13.4



#96  
1,2,3-Trichlorobenzene  
Concen: 18.595 ug/l  
RT: 15.573 min Scan# 2321  
Delta R.T. -0.006 min  
Lab File: VD070399.D  
Acq: 21 Sep 2021 12:50

Tgt Ion:180 Resp: 89377  
Ion Ratio Lower Upper  
180 100  
182 94.6 47.9 143.6  
145 36.3 17.7 53.1

