

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD082021\  
 Data File : VD070195.D  
 Acq On : 20 Aug 2021 11:31  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Aug 23 03:50:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081321S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 14 02:33:51 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.973  | 168   | 520991   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861  | 114   | 909670   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638 | 117   | 846418   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.567 | 152   | 395315   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326  | 65    | 293690   | 47.928   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 95.860%  |
| 35) Dibromofluoromethane     | 7.914  | 113   | 296363   | 50.427   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 100.860% |
| 50) Toluene-d8               | 10.338 | 98    | 1172900  | 51.311   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 102.620% |
| 62) 4-Bromofluorobenzene     | 12.626 | 95    | 386194   | 51.294   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 102.580% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985  | 85    | 231718   | 45.832   | ug/l   | 100      |
| 3) Chloromethane             | 2.209  | 50    | 319762   | 43.712   | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.344  | 62    | 365798   | 41.487   | ug/l   | 99       |
| 5) Bromomethane              | 2.756  | 94    | 250404   | 51.929   | ug/l   | 95       |
| 6) Chloroethane              | 2.915  | 64    | 254791   | 45.233   | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 3.268  | 101   | 474523   | 44.808   | ug/l   | 97       |
| 8) Diethyl Ether             | 3.709  | 74    | 141016   | 46.529   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.091  | 101   | 305194   | 45.299   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.291  | 142   | 304702   | 49.464   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.226  | 59    | 76412    | 225.608  | ug/l # | 88       |
| 12) 1,1-Dichloroethene       | 4.062  | 96    | 286020   | 46.210   | ug/l   | 98       |
| 13) Acrolein                 | 3.920  | 56    | 90255    | 231.346  | ug/l   | 98       |
| 14) Allyl chloride           | 4.709  | 41    | 437793   | 47.403   | ug/l   | 98       |
| 15) Acrylonitrile            | 5.415  | 53    | 341184   | 242.783  | ug/l   | 100      |
| 16) Acetone                  | 4.156  | 43    | 333736   | 295.650  | ug/l   | 100      |
| 17) Carbon Disulfide         | 4.403  | 76    | 968922   | 43.297   | ug/l   | 98       |
| 18) Methyl Acetate           | 4.715  | 43    | 156018   | 46.358   | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 5.479  | 73    | 635940   | 49.505   | ug/l   | 99       |
| 20) Methylene Chloride       | 4.962  | 84    | 377168   | 48.836   | ug/l   | 99       |
| 21) trans-1,2-Dichloroethene | 5.462  | 96    | 339266   | 47.188   | ug/l   | 96       |
| 22) Diisopropyl ether        | 6.356  | 45    | 969206   | 49.897   | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.303  | 43    | 2274077  | 258.333  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.256  | 63    | 620032   | 46.655   | ug/l   | 98       |
| 25) 2-Butanone               | 7.209  | 43    | 402083   | 260.677  | ug/l   | 93       |
| 26) 2,2-Dichloropropane      | 7.203  | 77    | 506851   | 48.983   | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.209  | 96    | 368591   | 48.275   | ug/l   | 100      |
| 28) Bromochloromethane       | 7.538  | 49    | 224031   | 46.325   | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.556  | 42    | 251960   | 249.463  | ug/l   | 99       |
| 30) Chloroform               | 7.709  | 83    | 611915   | 46.820   | ug/l   | 100      |
| 31) Cyclohexane              | 7.979  | 56    | 558090   | 46.014   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 7.897  | 97    | 518583   | 47.482   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 8.108  | 75    | 481520   | 49.204   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.291  | 43    | 185029   | 52.054   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 8.091  | 117   | 443085   | 49.872   | ug/l   | 92       |
| 39) Methylcyclohexane        | 9.350  | 83    | 575309   | 50.492   | ug/l   | 98       |
| 40) Benzene                  | 8.350  | 78    | 1387623  | 48.886   | ug/l   | 98       |

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 Sample : VSTDCCC050  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Aug 23 03:50:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081321S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 14 02:33:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.520  | 41   | 99745    | 51.903   | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 351430   | 48.310   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 322365   | 48.577   | ug/l   | 99       |
| 44) Trichloroethene           | 9.108  | 130  | 333196   | 48.593   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 364263   | 49.405   | ug/l   | 98       |
| 46) Dibromomethane            | 9.473  | 93   | 176750   | 49.356   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.655  | 83   | 458264   | 49.462   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.450  | 41   | 163867   | 51.782   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 41323    | 1060.330 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.226 | 43   | 894044   | 259.101  | ug/l   | 100      |
| 52) Toluene                   | 10.397 | 92   | 865472   | 50.095   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 414868   | 50.553   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 507086   | 50.908   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.797 | 97   | 247901   | 48.858   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 305577   | 52.923   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 432409   | 49.227   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 837205   | 274.908  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.979 | 43   | 636819   | 275.577  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.132 | 129  | 284900   | 49.016   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.244 | 107  | 229776   | 50.022   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.873 | 164  | 260797   | 47.761   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.667 | 112  | 869320   | 49.157   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 309767   | 49.324   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.738 | 91   | 1616616  | 51.702   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.849 | 106  | 1251033  | 103.243  | ug/l   | 99       |
| 69) o-Xylene                  | 12.173 | 106  | 572493   | 52.362   | ug/l   | 98       |
| 70) Styrene                   | 12.185 | 104  | 1007900  | 52.634   | ug/l   | 99       |
| 71) Bromoform                 | 12.355 | 173  | 153820   | 50.270   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.473 | 105  | 1520548  | 52.747   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.279 | 43   | 320286   | 51.530   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 288354   | 50.132   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 358829   | 89.505   | ug/l # | 1        |
| 77) Bromobenzene              | 12.755 | 156  | 320048   | 50.020   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.814 | 91   | 1974070  | 53.099   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 1089009  | 50.914   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 1281596  | 52.221   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 84205    | 54.518   | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 1133889  | 50.627   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.214 | 119  | 1042136  | 52.243   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 1273295  | 52.302   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.391 | 105  | 1676363  | 52.452   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.508 | 119  | 1362899  | 52.784   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 670647   | 49.332   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 665658   | 49.435   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.832 | 91   | 1343679  | 53.031   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.102 | 117  | 271879   | 49.897   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 578482   | 49.660   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.491 | 75   | 39286    | 45.726   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 324833   | 50.144   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.255 | 225  | 191832   | 50.131   | ug/l   | 98       |
| 95) Naphthalene               | 15.385 | 128  | 608544   | 51.615   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 281936   | 49.858   | ug/l   | 99       |

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Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

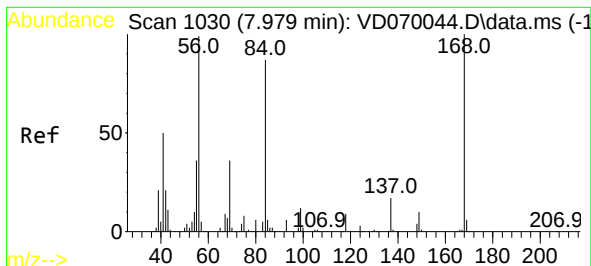
Quant Time: Aug 23 03:50:28 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081321S.M  
Quant Title : SW846 8260  
QLast Update : Sat Aug 14 02:33:51 2021  
Response via : Initial Calibration

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

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

Quant Time: Aug 23 03:50:28 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081321S.M  
Quant Title : SW846 8260  
QLast Update : Sat Aug 14 02:33:51 2021  
Response via : Initial Calibration



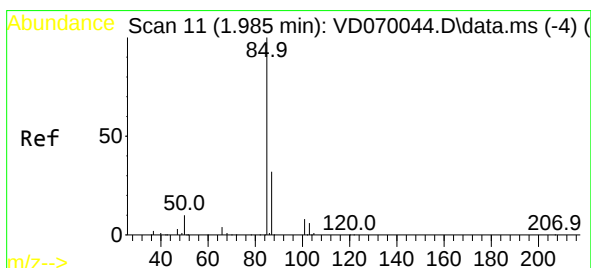
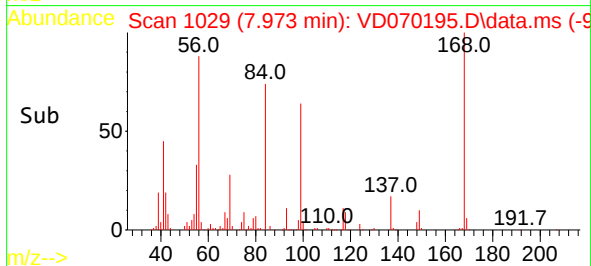
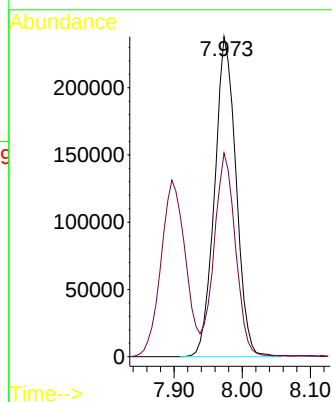
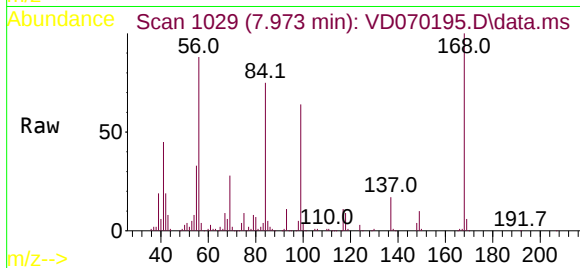


#1

Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.973 min Scan# 1029  
 Delta R.T. -0.006 min  
 Lab File: VD070195.D  
 Acq: 20 Aug 2021 11:31

Instrument :  
 MSVOA\_D  
 ClientSampled :

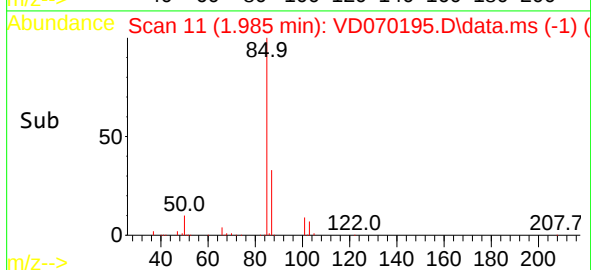
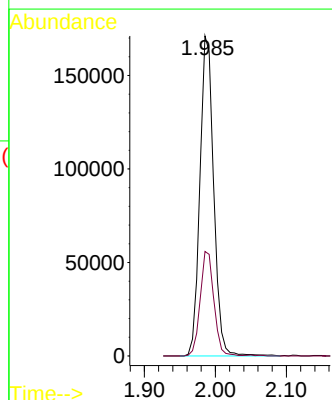
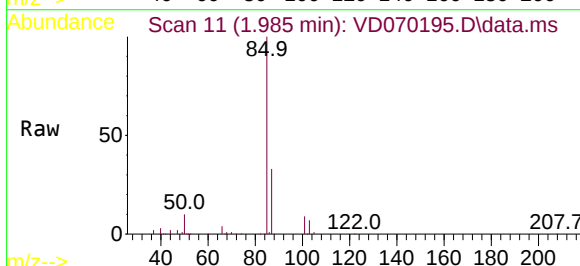
Tgt Ion:168 Resp: 520991  
 Ion Ratio Lower Upper  
 168 100  
 99 63.5 50.3 75.5

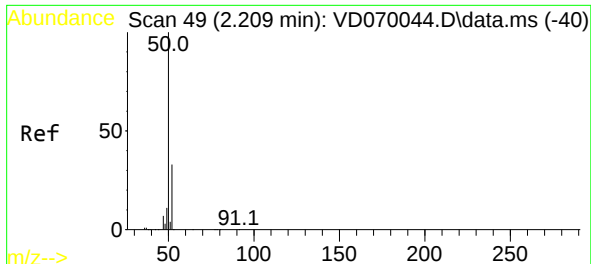


#2

Dichlorodifluoromethane  
 Concen: 45.832 ug/l  
 RT: 1.985 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VD070195.D  
 Acq: 20 Aug 2021 11:31

Tgt Ion: 85 Resp: 231718  
 Ion Ratio Lower Upper  
 85 100  
 87 32.6 16.2 48.6

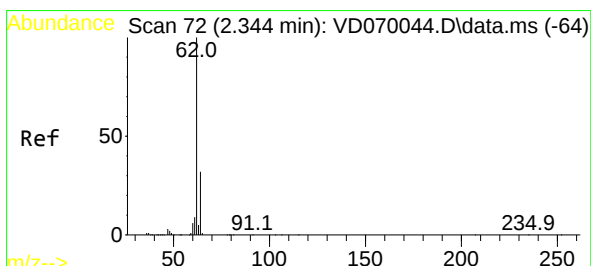
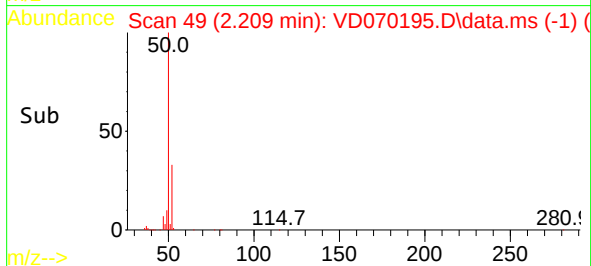
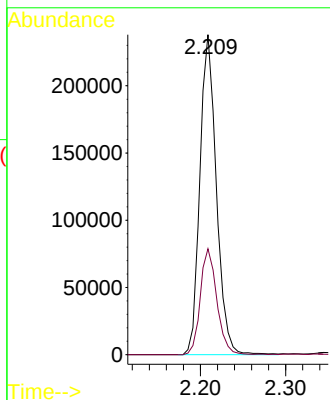
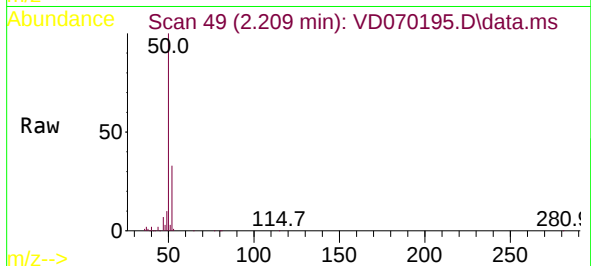




#3  
Chloromethane  
Concen: 43.712 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

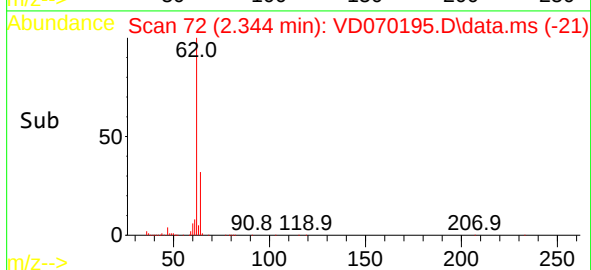
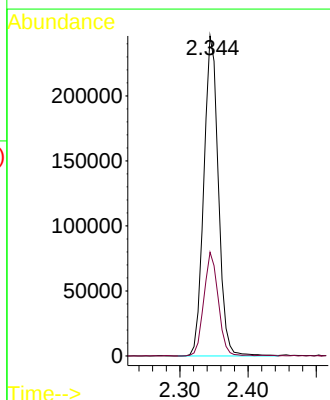
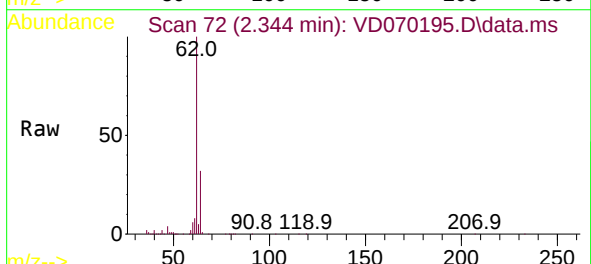
Instrument :  
MSVOA\_D  
ClientSampleId :

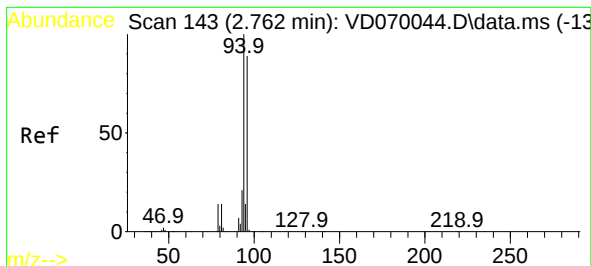
Tgt Ion: 50 Resp: 319762  
Ion Ratio Lower Upper  
50 100  
52 33.1 26.3 39.5



#4  
Vinyl Chloride  
Concen: 41.487 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 62 Resp: 365798  
Ion Ratio Lower Upper  
62 100  
64 32.4 25.7 38.5

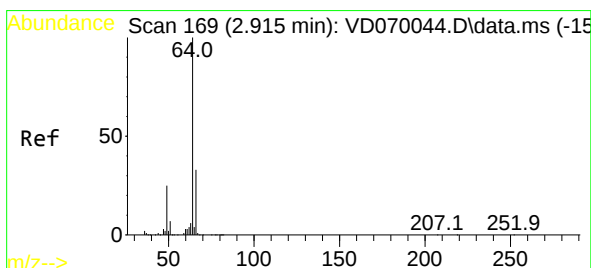
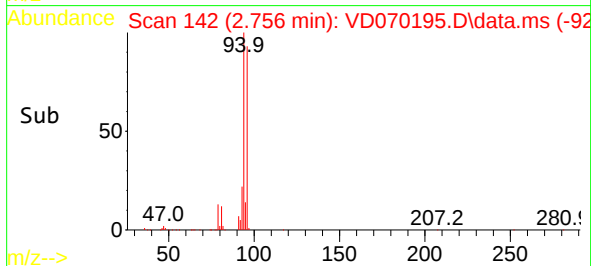
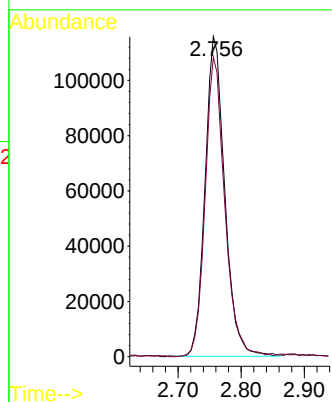
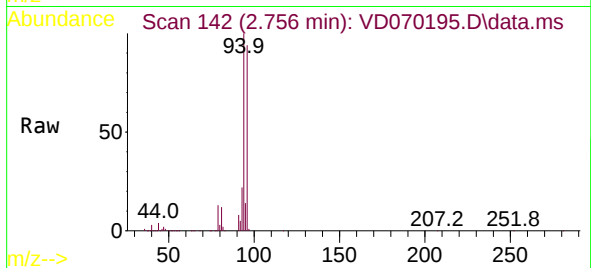




#5  
Bromomethane  
Concen: 51.929 ug/l  
RT: 2.756 min Scan# 142  
Delta R.T. -0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

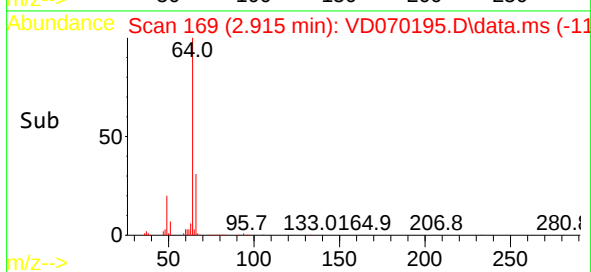
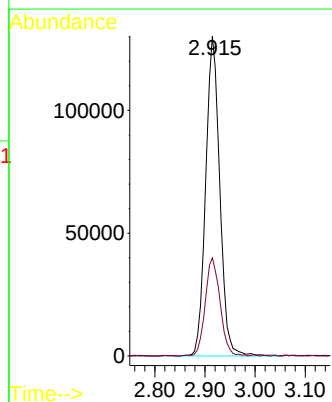
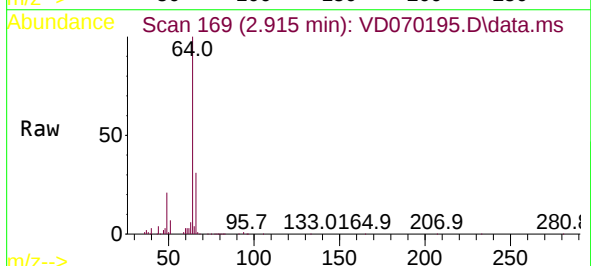
Instrument :  
MSVOA\_D  
ClientSampleId :

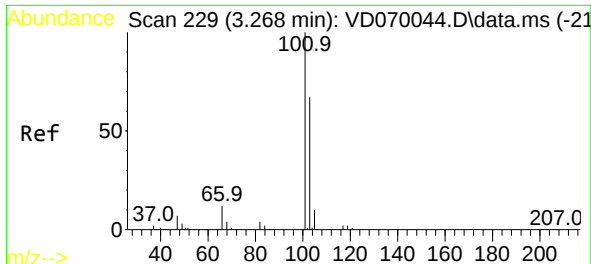
Tgt Ion: 94 Resp: 250404  
Ion Ratio Lower Upper  
94 100  
96 93.6 70.9 106.3



#6  
Chloroethane  
Concen: 45.233 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 64 Resp: 254791  
Ion Ratio Lower Upper  
64 100  
66 30.7 26.0 39.0

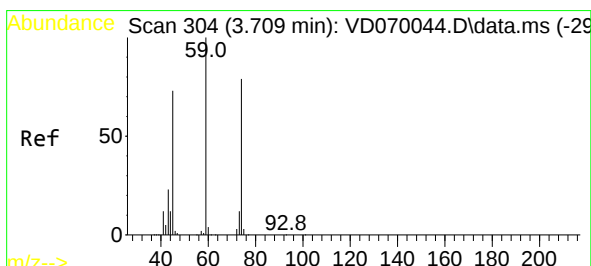
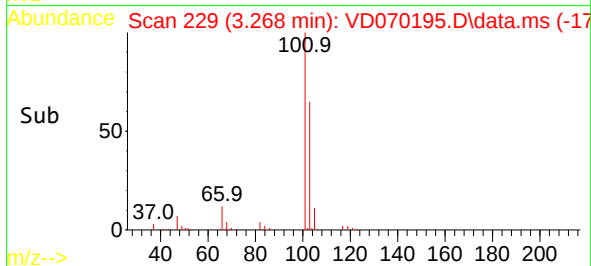
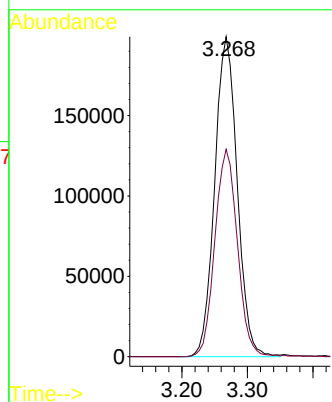
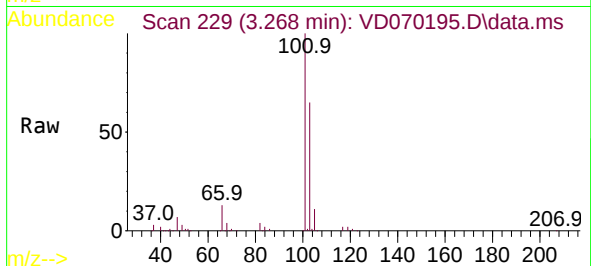




#7  
Trichlorofluoromethane  
Concen: 44.808 ug/l  
RT: 3.268 min Scan# 229  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

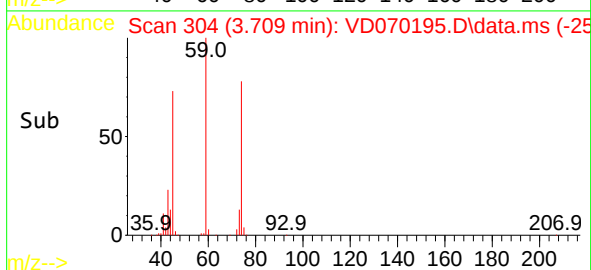
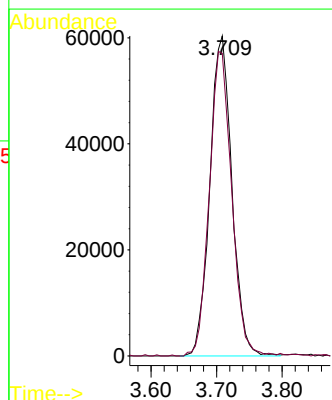
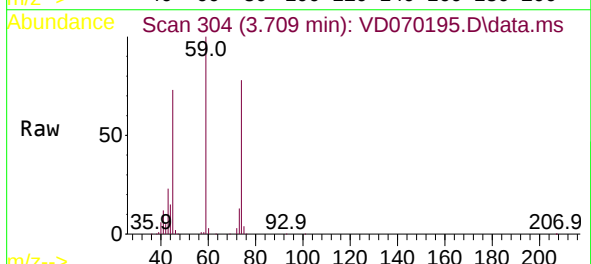
Instrument :  
MSVOA\_D  
ClientSampleId :

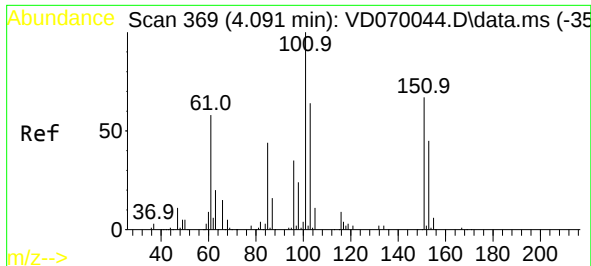
Tgt Ion:101 Resp: 474523  
Ion Ratio Lower Upper  
101 100  
103 64.8 53.9 80.9



#8  
Diethyl Ether  
Concen: 46.529 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 74 Resp: 141016  
Ion Ratio Lower Upper  
74 100  
45 96.3 48.6 145.9

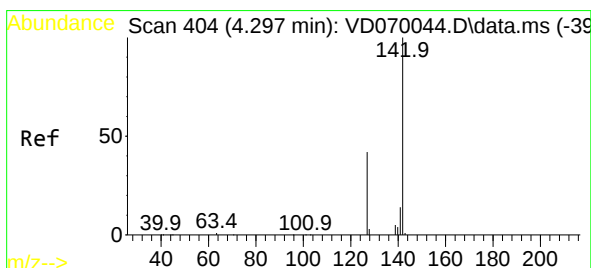
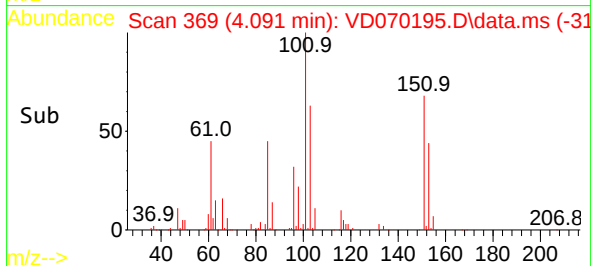
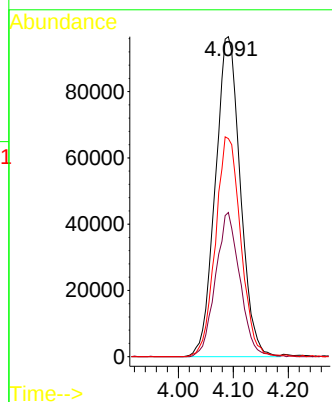
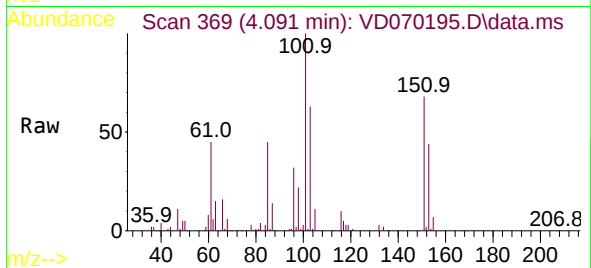




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.299 ug/l  
RT: 4.091 min Scan# 369  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

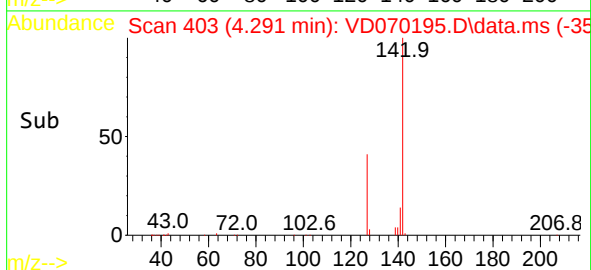
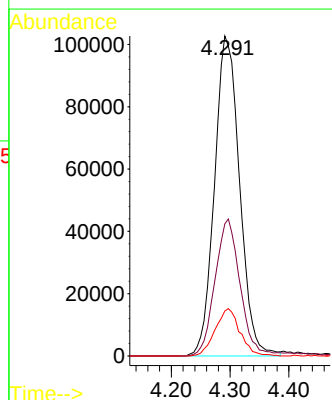
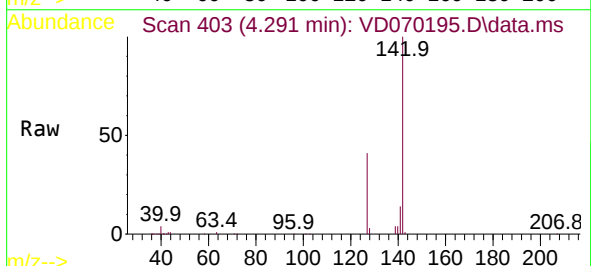
Instrument :  
MSVOA\_D  
ClientSampleId :

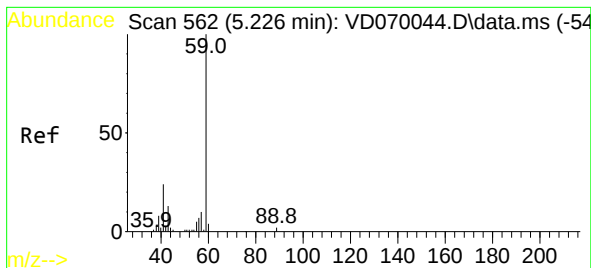
Tgt Ion:101 Resp: 305194  
Ion Ratio Lower Upper  
101 100  
85 43.8 34.6 52.0  
151 69.5 55.0 82.6



#10  
Methyl Iodide  
Concen: 49.464 ug/l  
RT: 4.291 min Scan# 403  
Delta R.T. -0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion:142 Resp: 304702  
Ion Ratio Lower Upper  
142 100  
127 43.9 35.4 53.0  
141 14.6 12.1 18.1

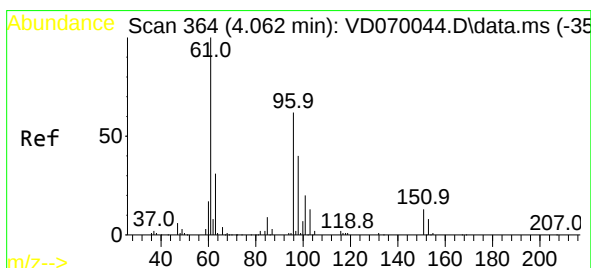
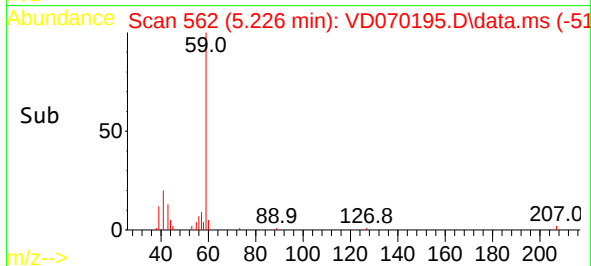
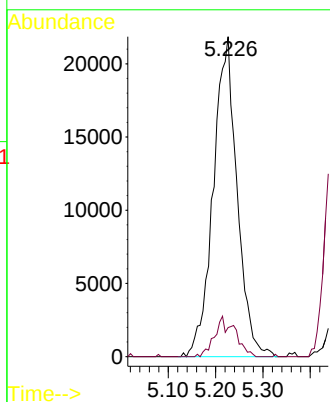
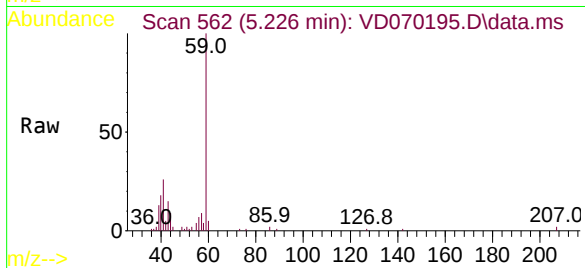




#11  
Tert butyl alcohol  
Concen: 225.608 ug/l  
RT: 5.226 min Scan# 562  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

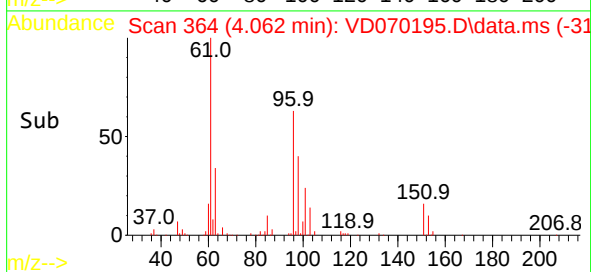
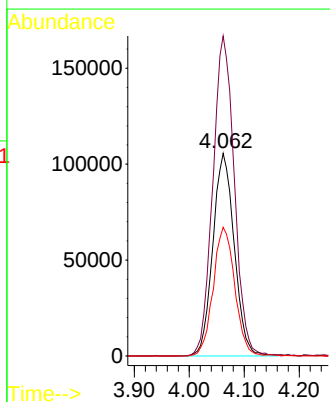
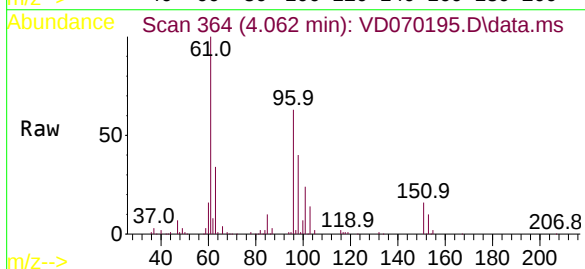
Instrument :  
MSVOA\_D  
ClientSampleId :

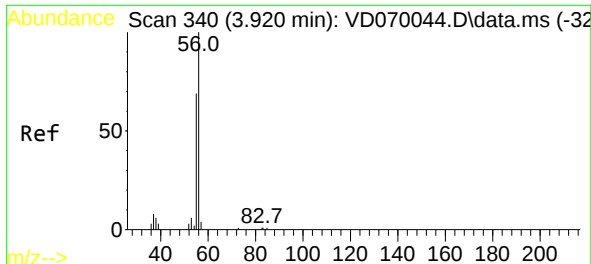
Tgt Ion: 59 Resp: 76412  
Ion Ratio Lower Upper  
59 100  
57 6.6 8.8 13.2#



#12  
1,1-Dichloroethene  
Concen: 46.210 ug/l  
RT: 4.062 min Scan# 364  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 96 Resp: 286020  
Ion Ratio Lower Upper  
96 100  
61 158.0 129.1 193.7  
98 63.5 52.0 78.0

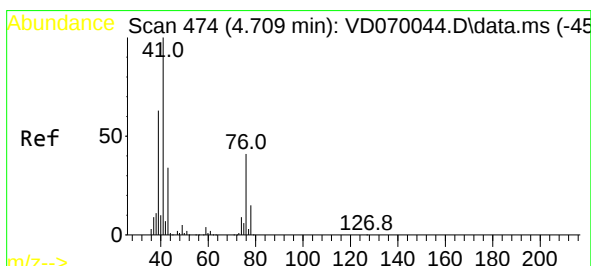
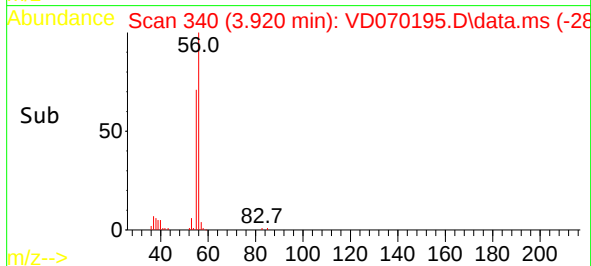
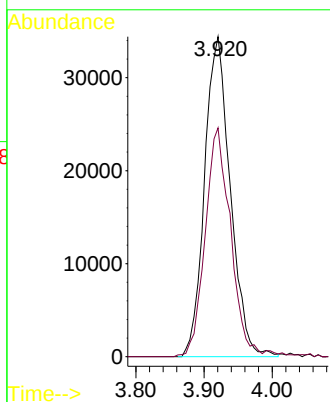
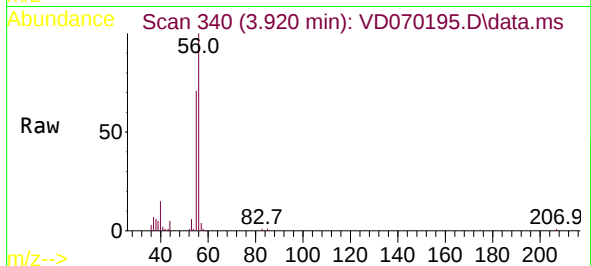




#13  
Acrolein  
Concen: 231.346 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

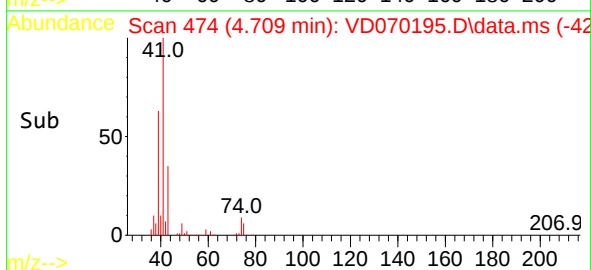
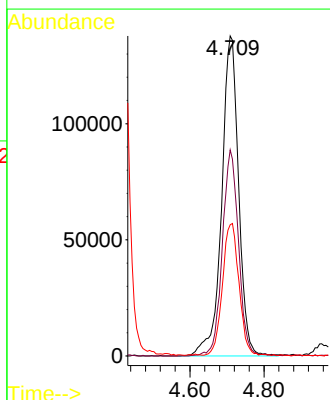
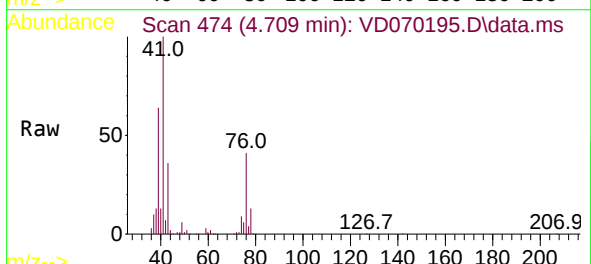
Instrument :  
MSVOA\_D  
ClientSampleId :

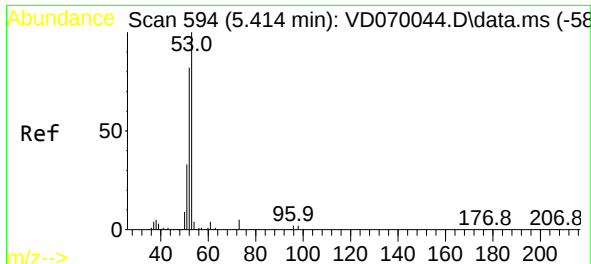
Tgt Ion: 56 Resp: 90255  
Ion Ratio Lower Upper  
56 100  
55 70.2 57.4 86.0



#14  
Allyl chloride  
Concen: 47.403 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 41 Resp: 437793  
Ion Ratio Lower Upper  
41 100  
39 61.3 47.9 71.9  
76 40.2 31.6 47.4

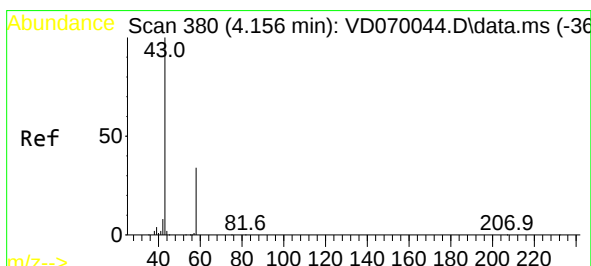
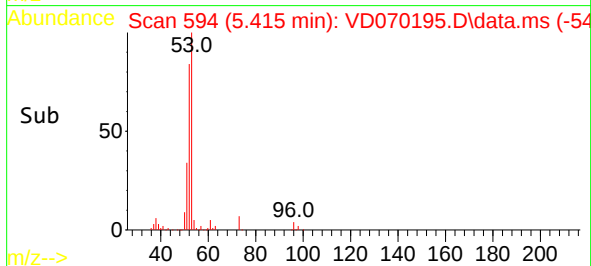
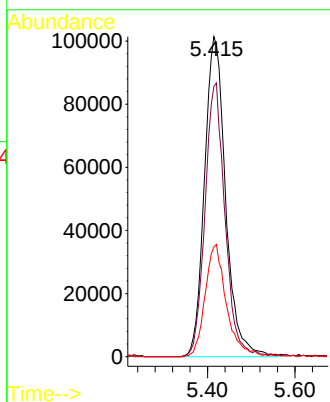
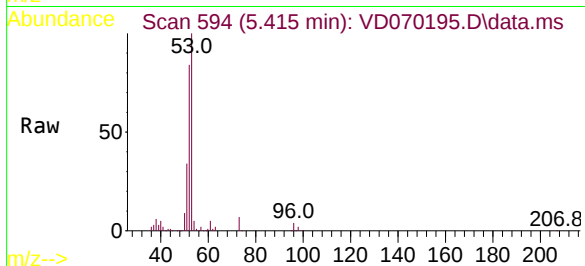




#15  
Acrylonitrile  
Concen: 242.783 ug/l  
RT: 5.415 min Scan# 594  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

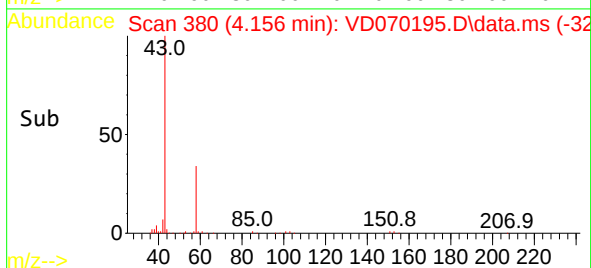
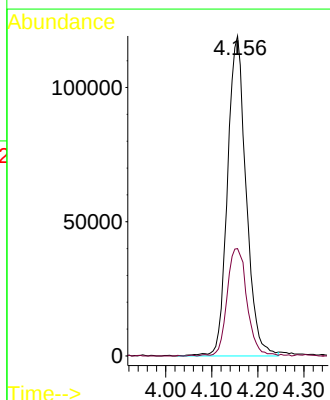
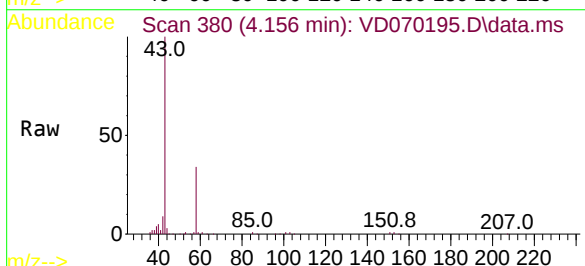
Instrument :  
MSVOA\_D  
ClientSampleId :

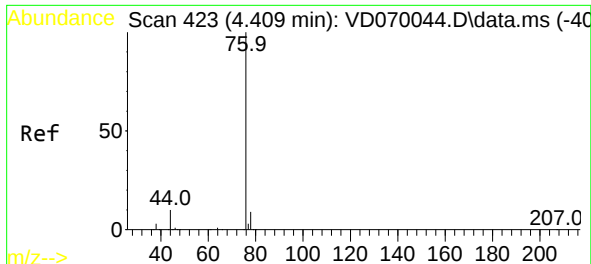
Tgt Ion: 53 Resp: 341184  
Ion Ratio Lower Upper  
53 100  
52 80.7 64.5 96.7  
51 35.2 28.2 42.4



#16  
Acetone  
Concen: 295.650 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 43 Resp: 333736  
Ion Ratio Lower Upper  
43 100  
58 33.4 26.8 40.2

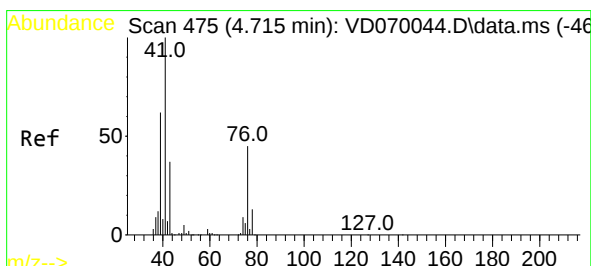
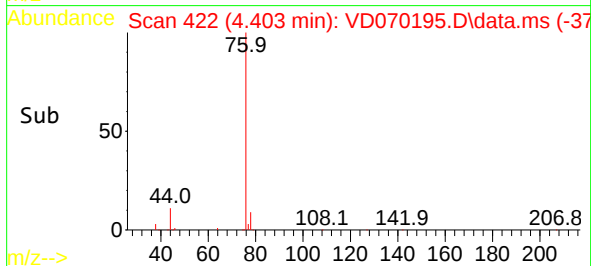
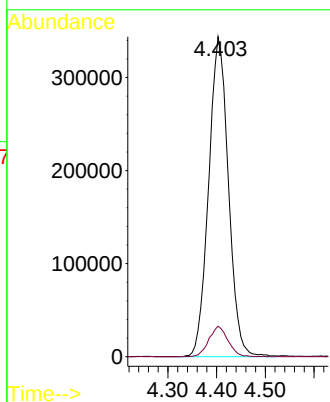
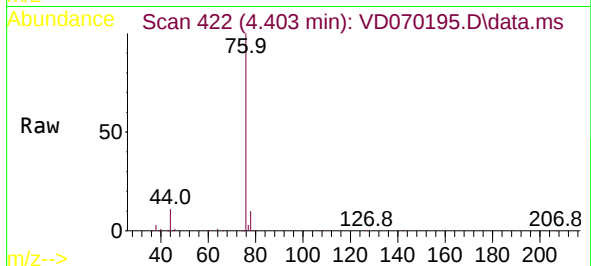




#17  
Carbon Disulfide  
Concen: 43.297 ug/l  
RT: 4.403 min Scan# 422  
Delta R.T. -0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

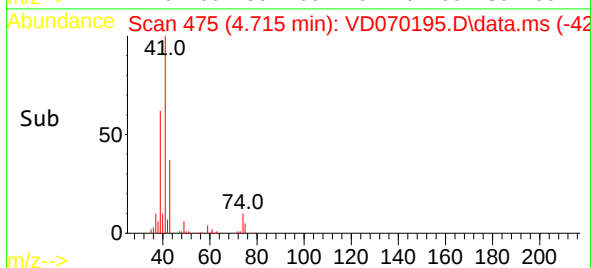
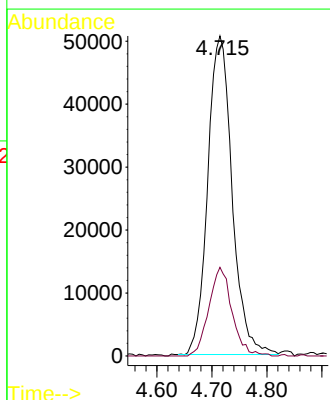
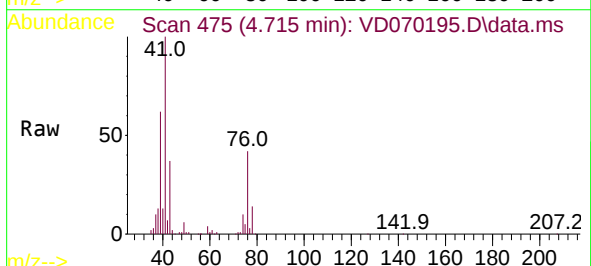
Instrument :  
MSVOA\_D  
ClientSampleId :

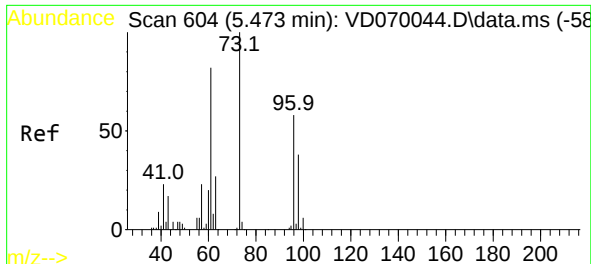
Tgt Ion: 76 Resp: 968922  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.1 10.7



#18  
Methyl Acetate  
Concen: 46.358 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 43 Resp: 156018  
Ion Ratio Lower Upper  
43 100  
74 26.4 20.2 30.2

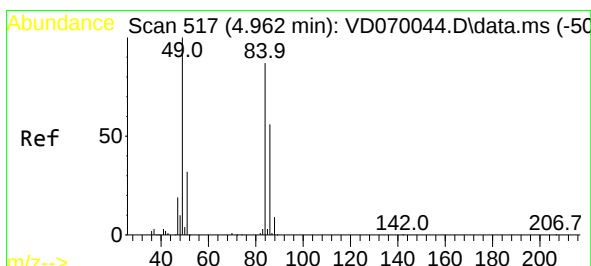
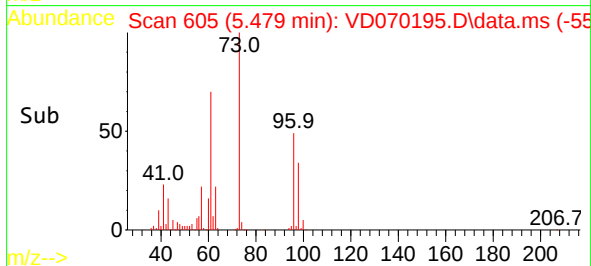
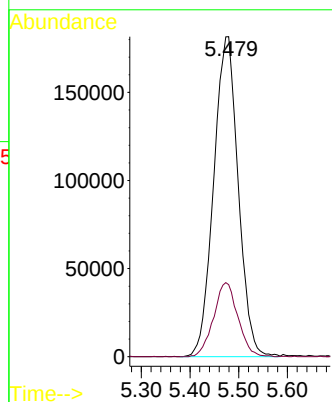
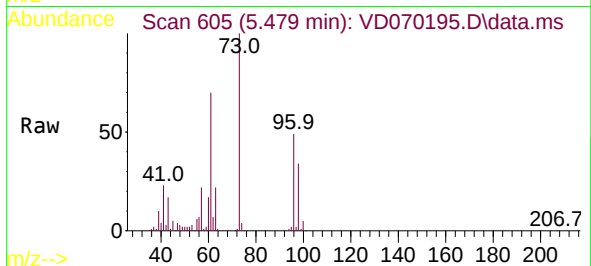




#19  
Methyl tert-butyl Ether  
Concen: 49.505 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. 0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

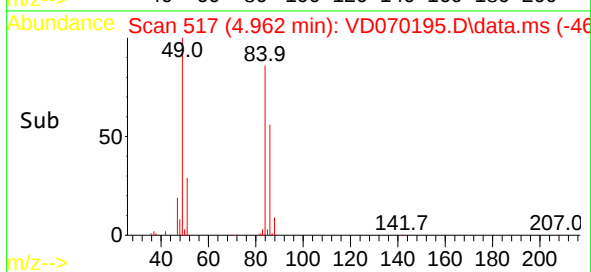
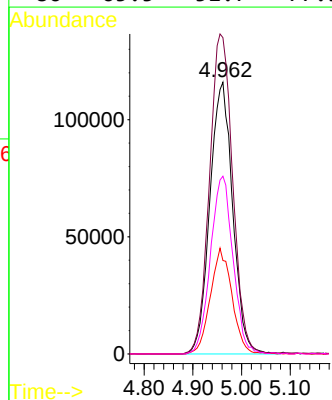
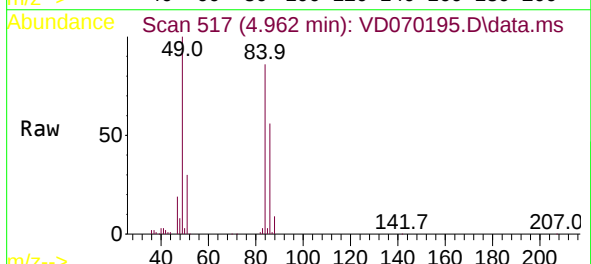
Instrument :  
MSVOA\_D  
ClientSampleId :

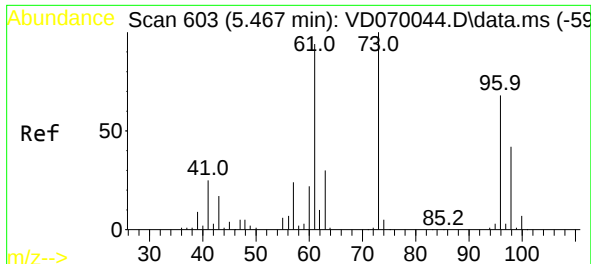
Tgt Ion: 73 Resp: 635940  
Ion Ratio Lower Upper  
73 100  
57 22.5 18.2 27.4



#20  
Methylene Chloride  
Concen: 48.836 ug/l  
RT: 4.962 min Scan# 517  
Delta R.T. -0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 84 Resp: 377168  
Ion Ratio Lower Upper  
84 100  
49 116.4 92.5 138.7  
51 34.4 29.7 44.5  
86 65.5 51.7 77.5

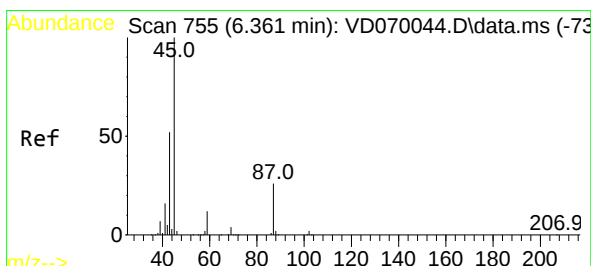
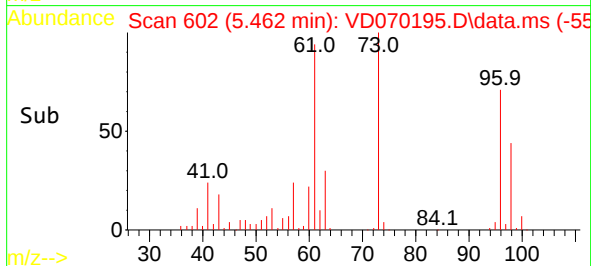
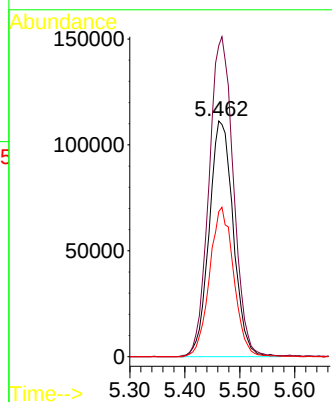
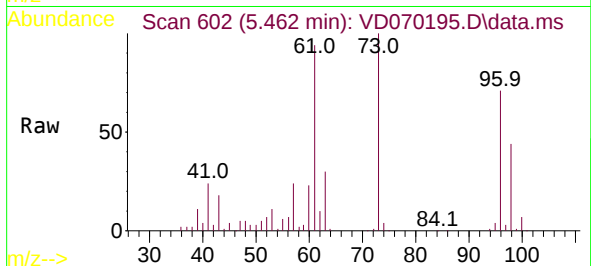




#21  
trans-1,2-Dichloroethene  
Concen: 47.188 ug/l  
RT: 5.462 min Scan# 602  
Delta R.T. -0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

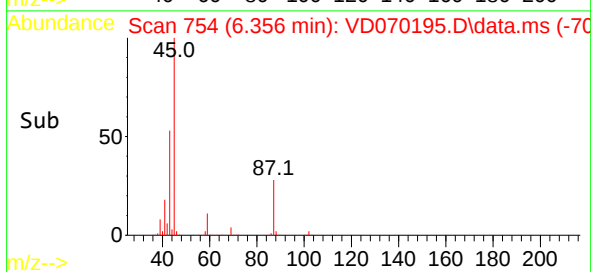
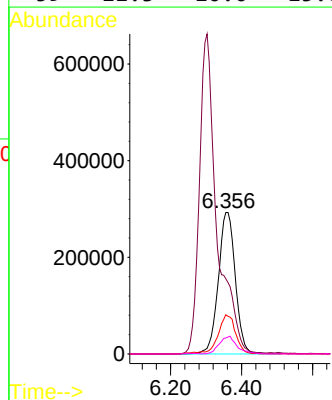
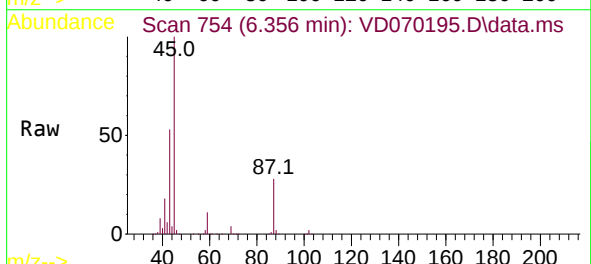
Instrument :  
MSVOA\_D  
ClientSampleId :

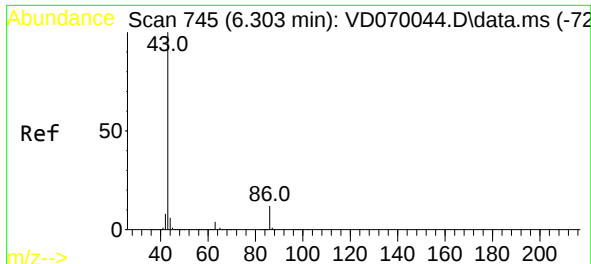
Tgt Ion: 96 Resp: 339266  
Ion Ratio Lower Upper  
96 100  
61 131.7 111.0 166.4  
98 61.5 49.0 73.4



#22  
Diisopropyl ether  
Concen: 49.897 ug/l  
RT: 6.356 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 45 Resp: 969206  
Ion Ratio Lower Upper  
45 100  
43 53.2 41.7 62.5  
87 27.6 21.0 31.4  
59 11.3 10.0 15.0

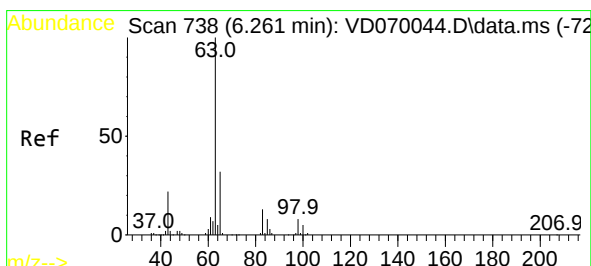
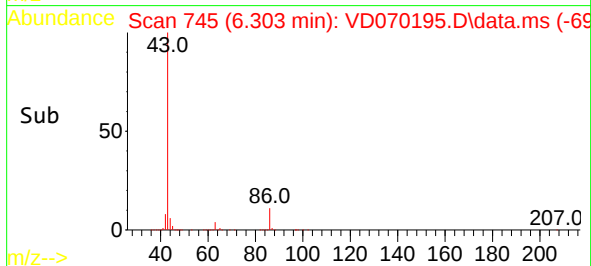
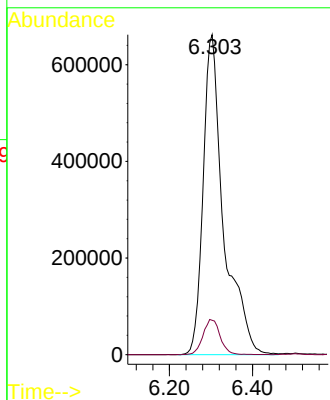
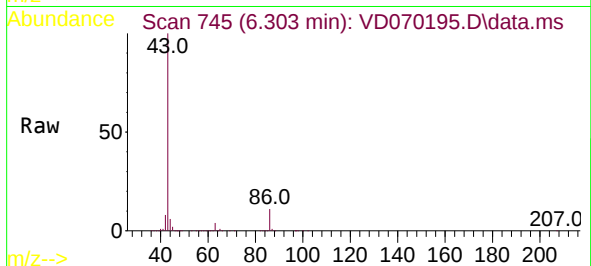




#23  
 Vinyl Acetate  
 Concen: 258.333 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. 0.000 min  
 Lab File: VD070195.D  
 Acq: 20 Aug 2021 11:31

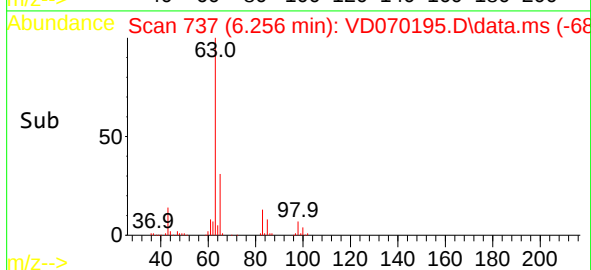
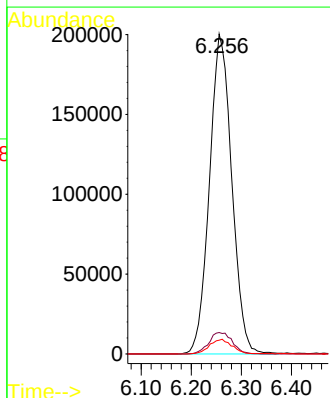
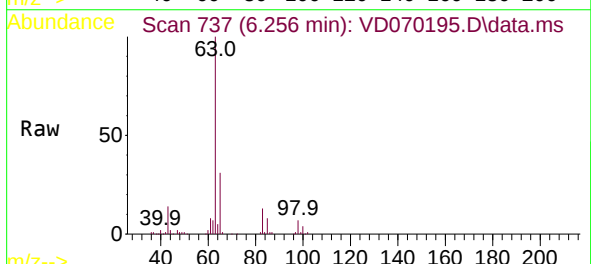
Instrument :  
 MSVOA\_D  
 ClientSampleId :

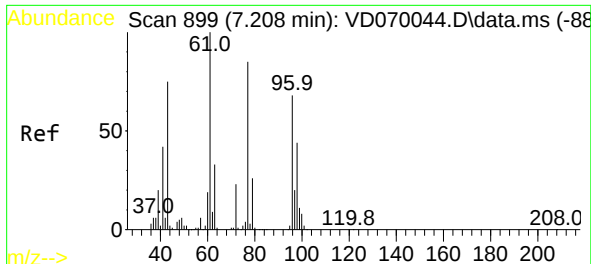
Tgt Ion: 43 Resp: 2274077  
 Ion Ratio Lower Upper  
 43 100  
 86 10.7 9.2 13.8



#24  
 1,1-Dichloroethane  
 Concen: 46.655 ug/l  
 RT: 6.256 min Scan# 737  
 Delta R.T. -0.006 min  
 Lab File: VD070195.D  
 Acq: 20 Aug 2021 11:31

Tgt Ion: 63 Resp: 620032  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.8 11.2  
 100 4.3 2.3 6.9

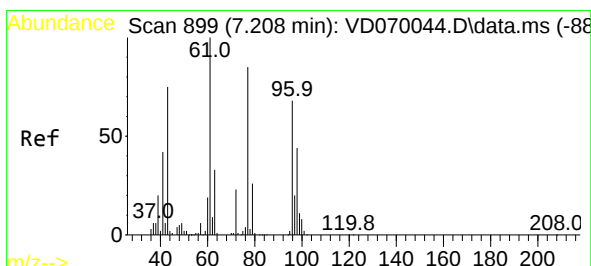
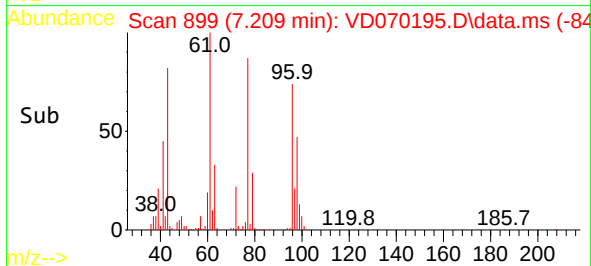
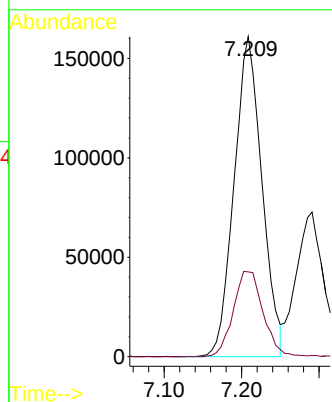
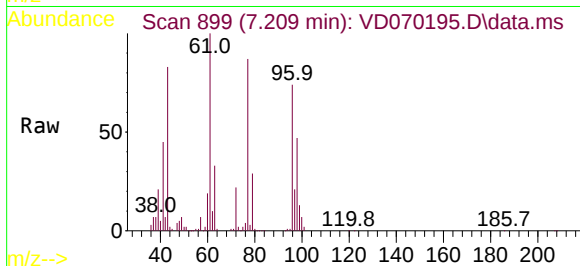




#25  
2-Butanone  
Concen: 260.677 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

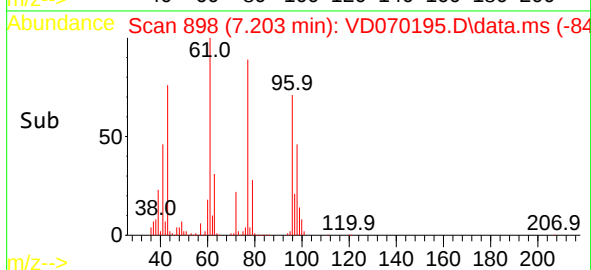
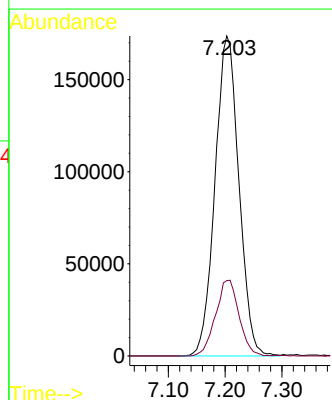
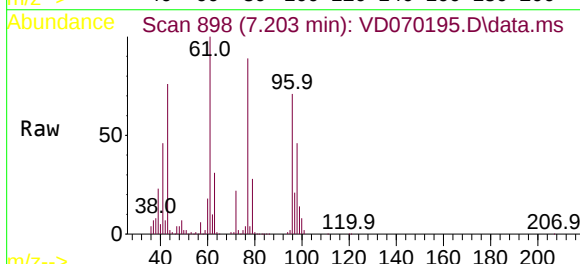
Instrument :  
MSVOA\_D  
ClientSampled :

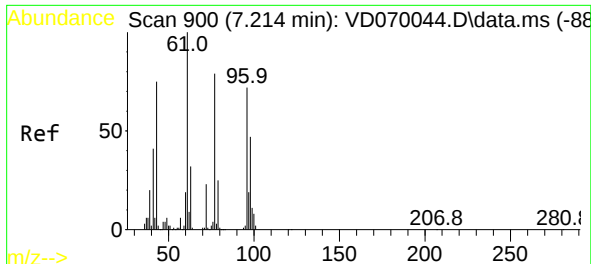
Tgt Ion: 43 Resp: 402083  
Ion Ratio Lower Upper  
43 100  
72 26.5 24.2 36.4



#26  
2,2-Dichloropropane  
Concen: 48.983 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 77 Resp: 506851  
Ion Ratio Lower Upper  
77 100  
97 23.3 11.9 35.5

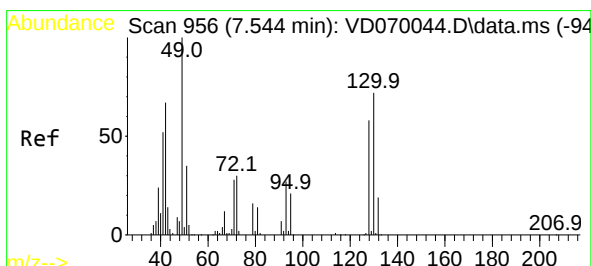
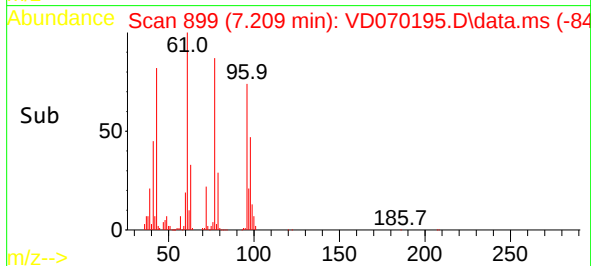
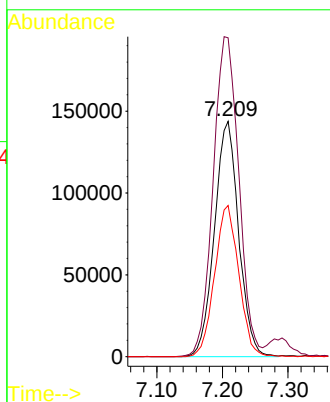
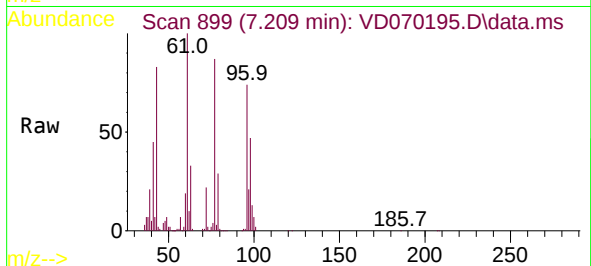




#27  
cis-1,2-Dichloroethene  
Concen: 48.275 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

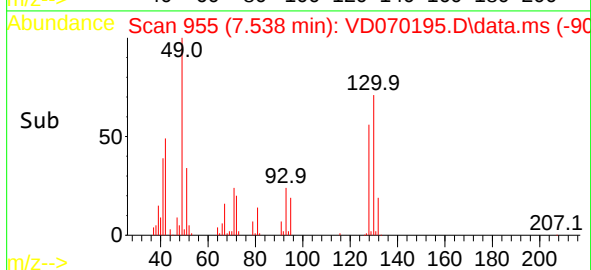
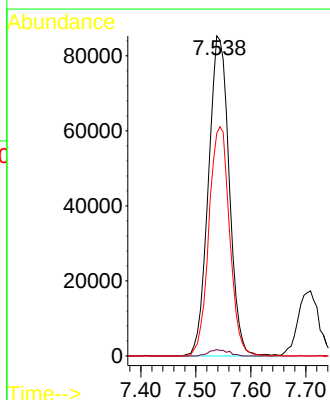
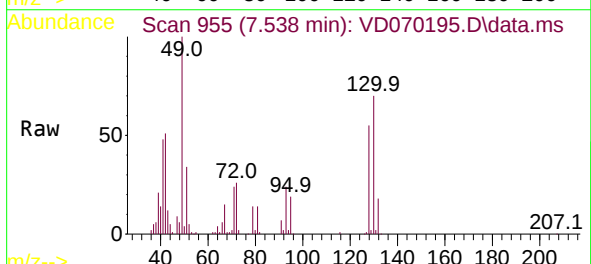
Instrument :  
MSVOA\_D  
ClientSampleId :

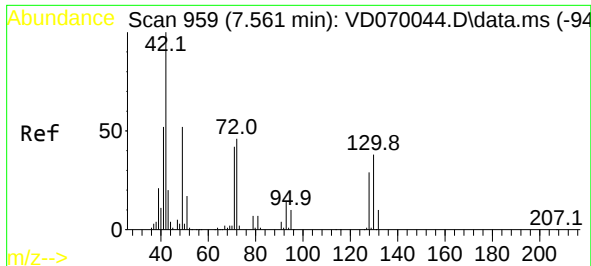
Tgt Ion: 96 Resp: 368591  
Ion Ratio Lower Upper  
96 100  
61 144.4 0.0 288.2  
98 64.3 0.0 129.6



#28  
Bromochloromethane  
Concen: 46.325 ug/l  
RT: 7.538 min Scan# 955  
Delta R.T. -0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 49 Resp: 224031  
Ion Ratio Lower Upper  
49 100  
129 1.9 0.0 4.0  
130 71.1 57.6 86.4





#29

Tetrahydrofuran

Concen: 249.463 ug/l

RT: 7.556 min Scan# 958

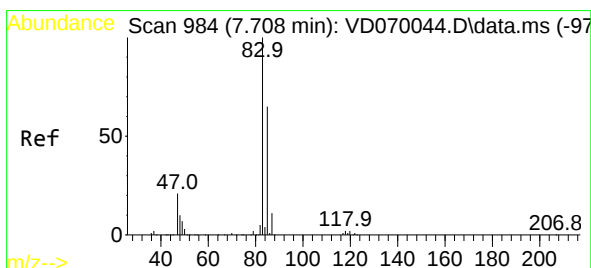
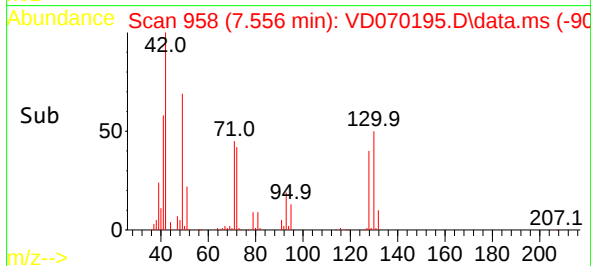
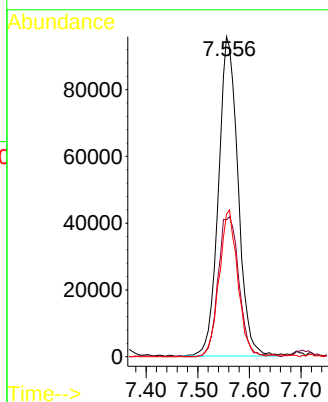
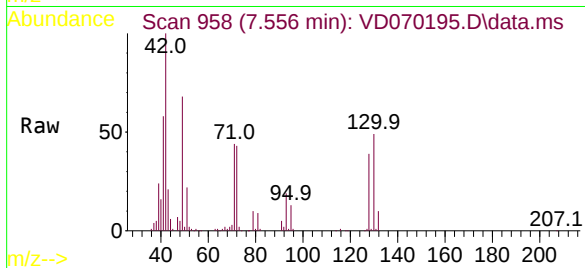
Delta R.T. -0.006 min

Lab File: VD070195.D

Acq: 20 Aug 2021 11:31

Instrument :  
MSVOA\_D  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 251960 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 46.8  | 37.5  | 56.3   |
| 71       | 43.6  | 33.6  | 50.4   |



#30

Chloroform

Concen: 46.820 ug/l

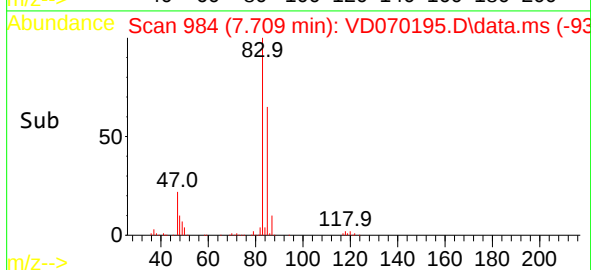
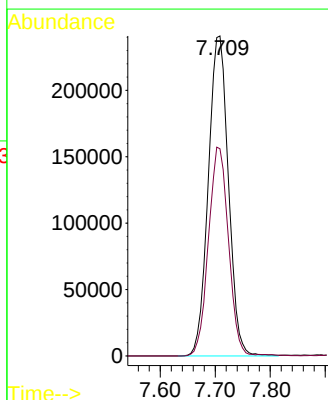
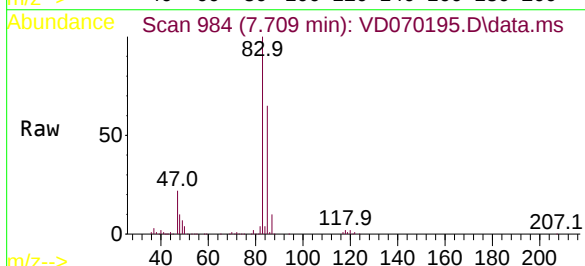
RT: 7.709 min Scan# 984

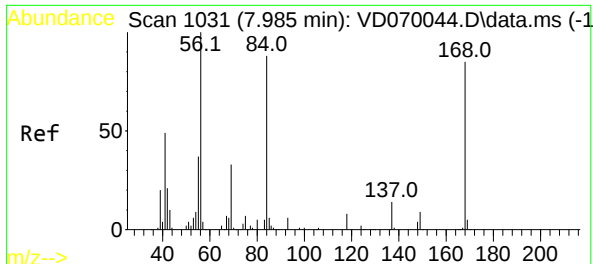
Delta R.T. 0.000 min

Lab File: VD070195.D

Acq: 20 Aug 2021 11:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 611915 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.8  | 51.8  | 77.8   |





#31

Cyclohexane

Concen: 46.014 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD070195.D

Acq: 20 Aug 2021 11:31

Tgt Ion: 56 Resp: 558090

Ion Ratio Lower Upper

56 100

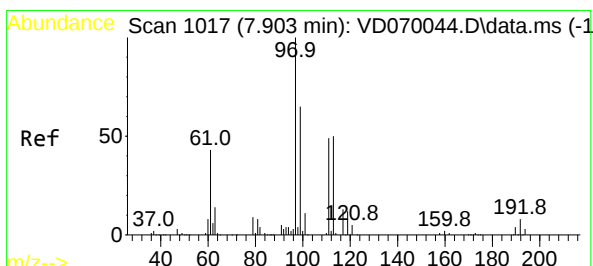
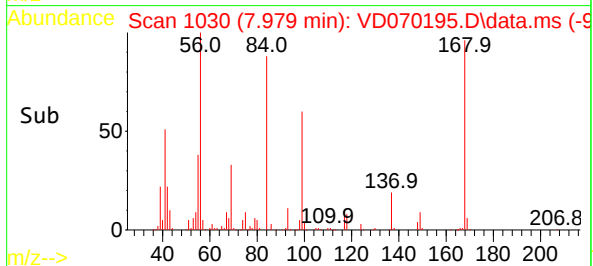
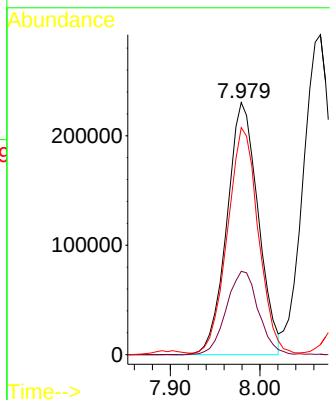
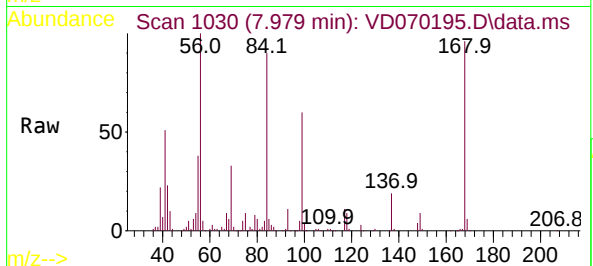
69 33.0 26.7 40.1

84 88.8 70.4 105.6

Instrument :

MSVOA\_D

ClientSampled :



#32

1,1,1-Trichloroethane

Concen: 47.482 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD070195.D

Acq: 20 Aug 2021 11:31

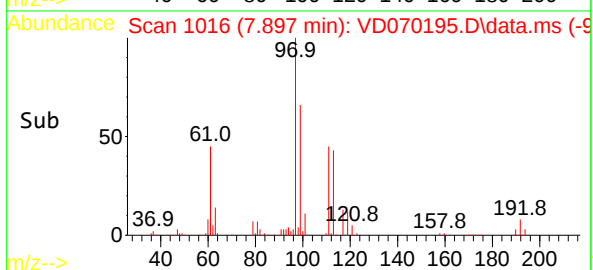
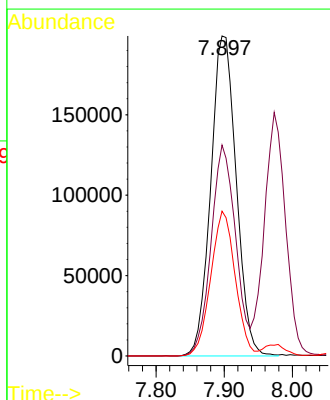
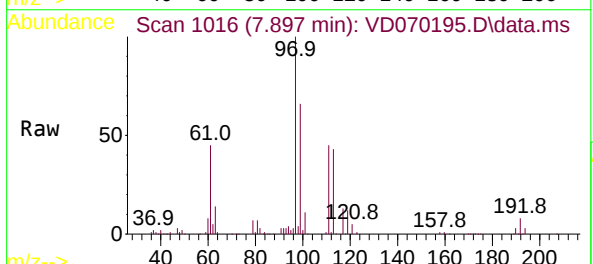
Tgt Ion: 97 Resp: 518583

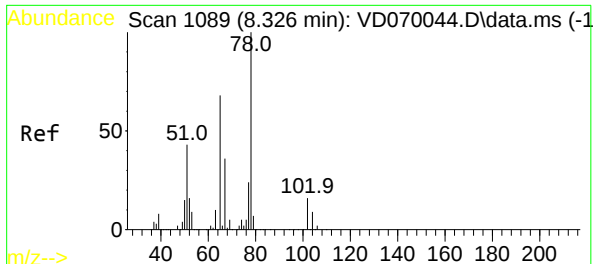
Ion Ratio Lower Upper

97 100

99 63.5 52.4 78.6

61 43.5 34.4 51.6

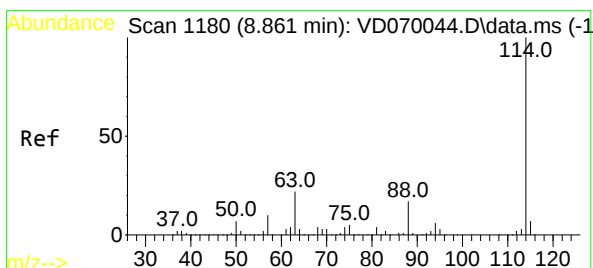
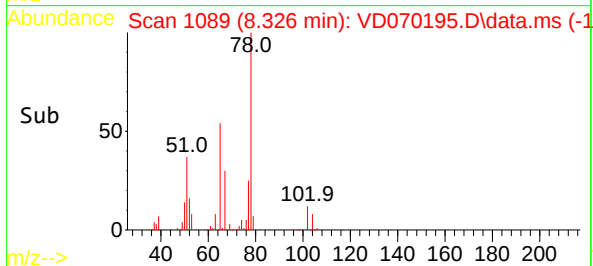
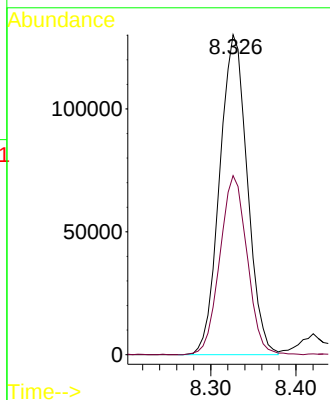
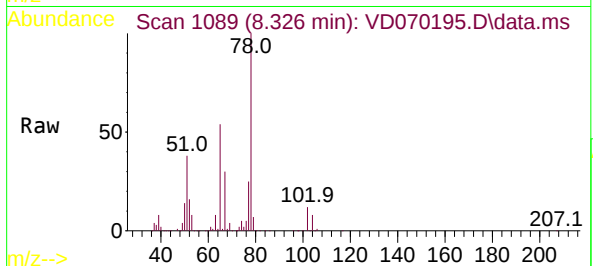




#33  
1,2-Dichloroethane-d4  
Concen: 47.928 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

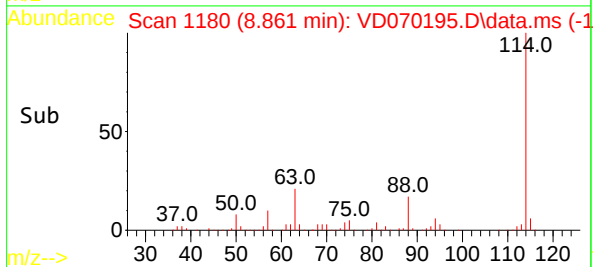
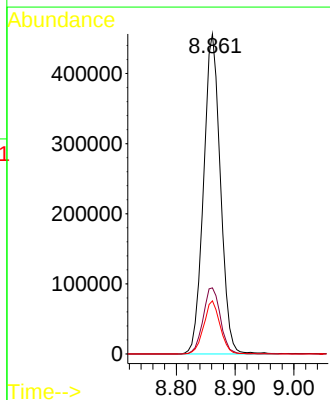
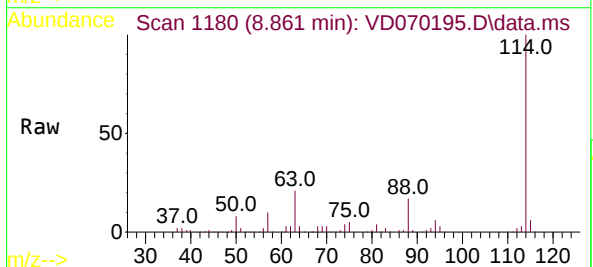
Instrument :  
MSVOA\_D  
ClientSampleId :

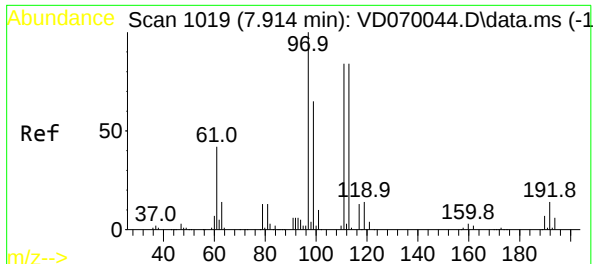
Tgt Ion: 65 Resp: 293690  
Ion Ratio Lower Upper  
65 100  
67 55.1 0.0 107.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 114 Resp: 909670  
Ion Ratio Lower Upper  
114 100  
63 20.7 0.0 43.6  
88 16.6 0.0 33.4

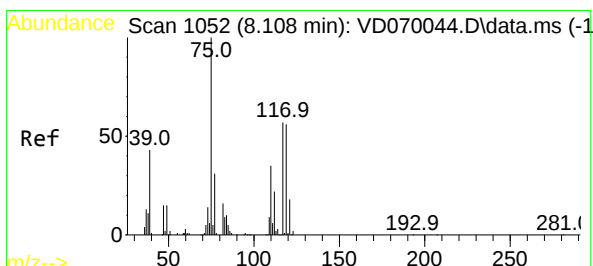
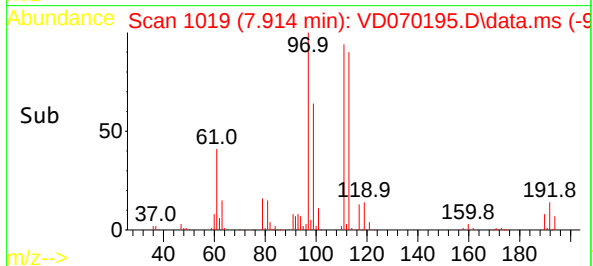
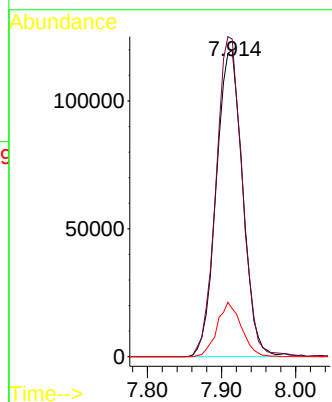
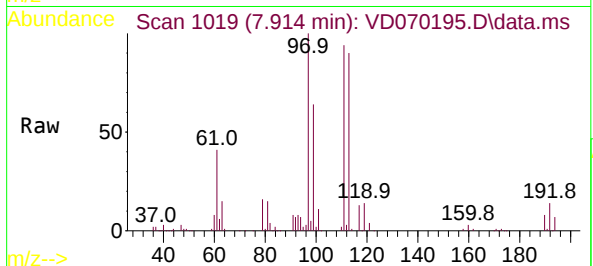




#35  
Dibromofluoromethane  
Concen: 50.427 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

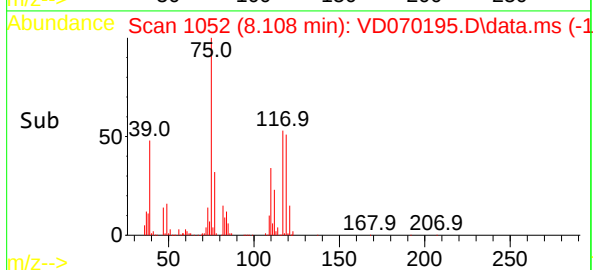
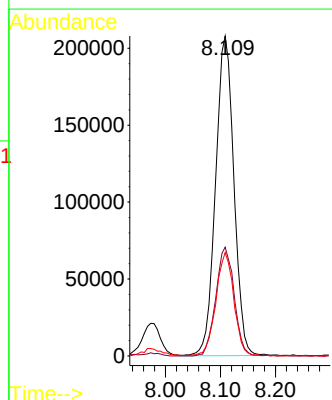
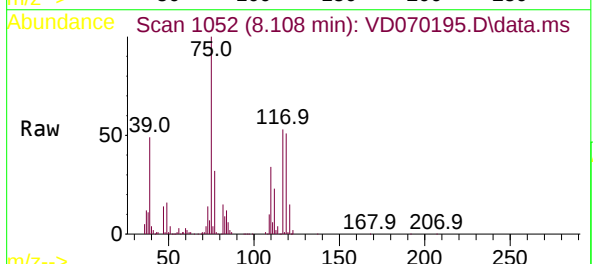
Instrument :  
MSVOA\_D  
ClientSampleId :

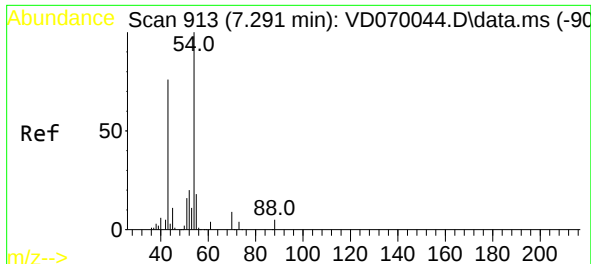
Tgt Ion:113 Resp: 296363  
Ion Ratio Lower Upper  
113 100  
111 104.0 81.8 122.6  
192 16.3 13.2 19.8



#36  
1,1-Dichloropropene  
Concen: 49.204 ug/l  
RT: 8.108 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 75 Resp: 481520  
Ion Ratio Lower Upper  
75 100  
110 34.1 16.9 50.7  
77 31.9 25.2 37.8





#37

Ethyl Acetate

Concen: 52.054 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

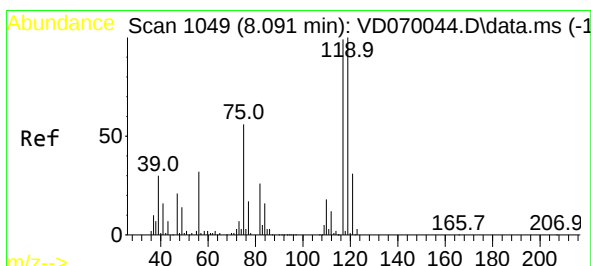
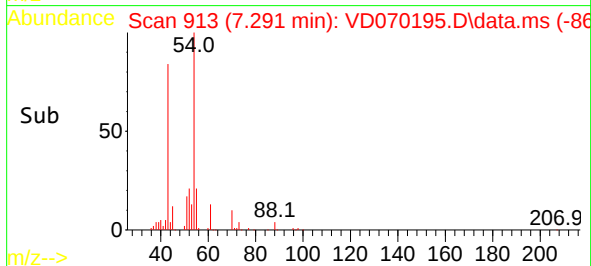
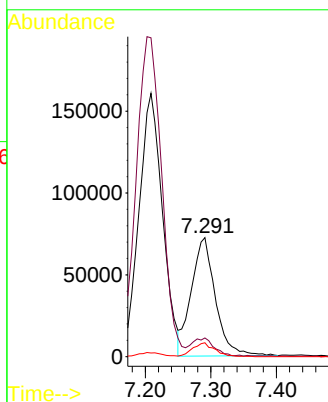
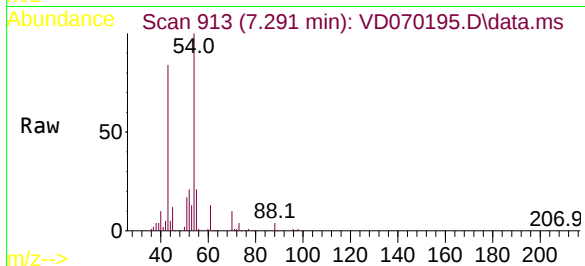
Lab File: VD070195.D

Acq: 20 Aug 2021 11:31

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion: 43 Resp: 185029

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 13.4  | 11.8  | 17.6  |
| 70  | 10.2  | 9.0   | 13.6  |



#38

Carbon Tetrachloride

Concen: 49.872 ug/l

RT: 8.091 min Scan# 1049

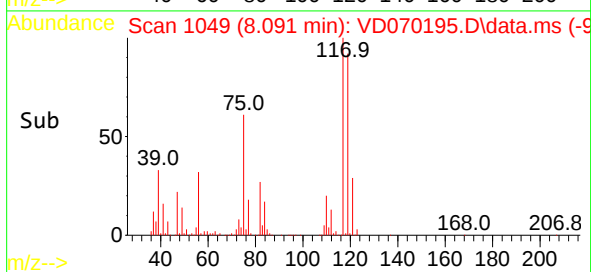
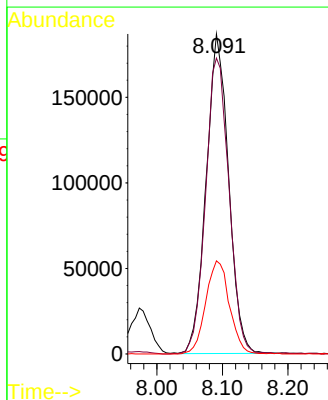
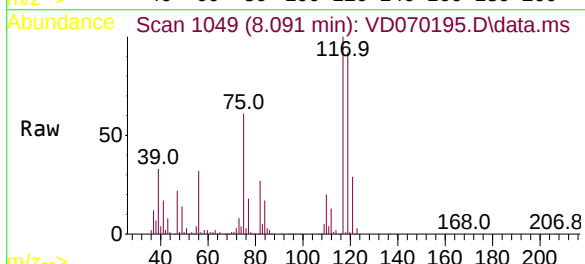
Delta R.T. 0.000 min

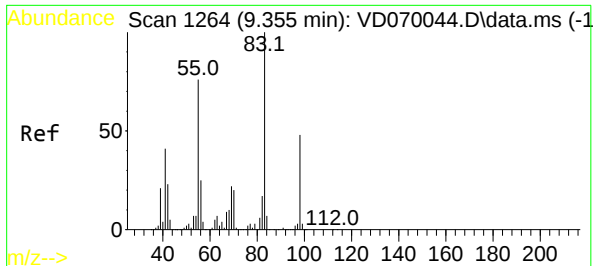
Lab File: VD070195.D

Acq: 20 Aug 2021 11:31

Tgt Ion: 117 Resp: 443085

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 92.5  | 81.0  | 121.6 |
| 121 | 29.2  | 25.0  | 37.6  |





#39

Methylcyclohexane

Concen: 50.492 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VD070195.D

Acq: 20 Aug 2021 11:31

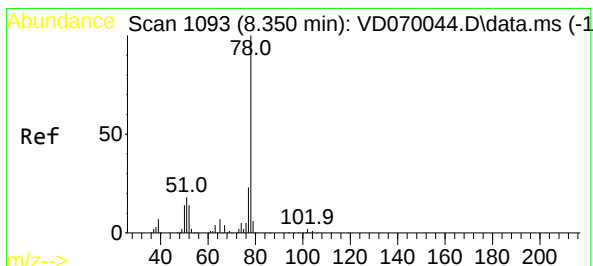
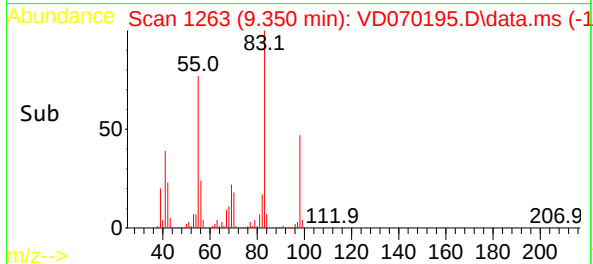
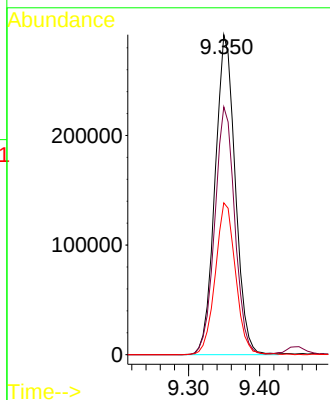
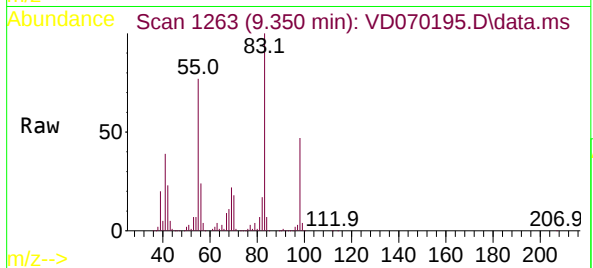
Tgt Ion: 83 Resp: 575309

Ion Ratio Lower Upper

83 100

55 77.4 60.7 91.1

98 47.5 38.6 58.0



#40

Benzene

Concen: 48.886 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD070195.D

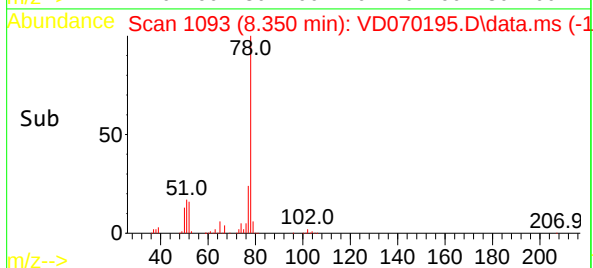
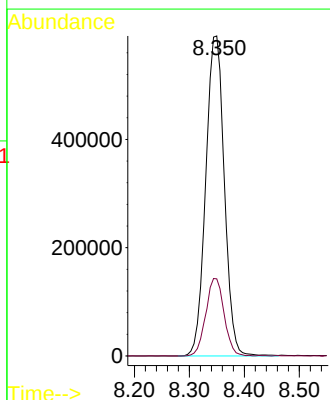
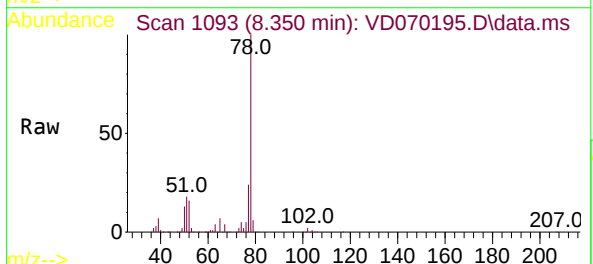
Acq: 20 Aug 2021 11:31

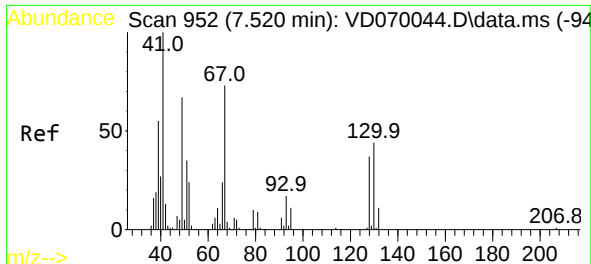
Tgt Ion: 78 Resp: 1387623

Ion Ratio Lower Upper

78 100

77 24.1 18.6 27.8

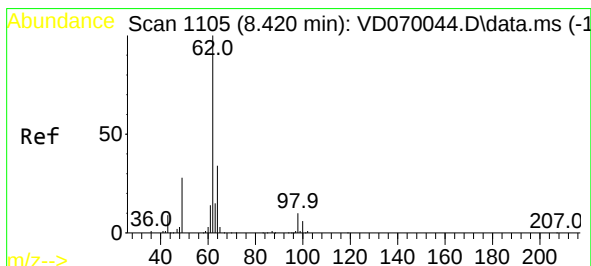
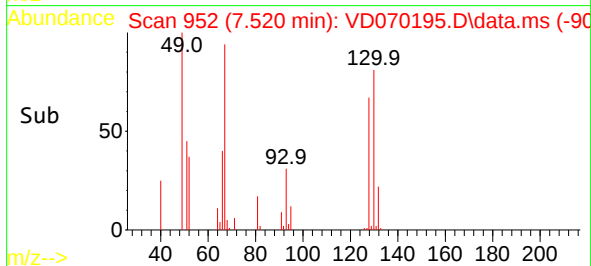
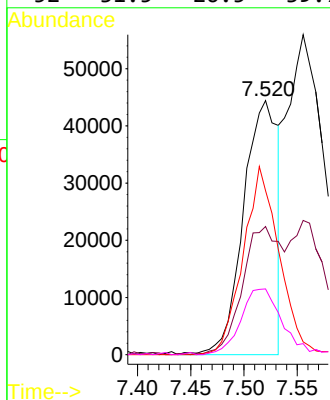
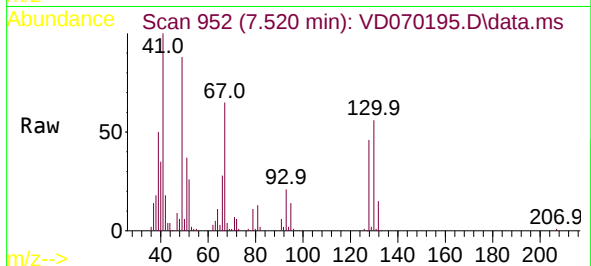




#41  
Methacrylonitrile  
Concen: 51.903 ug/l  
RT: 7.520 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

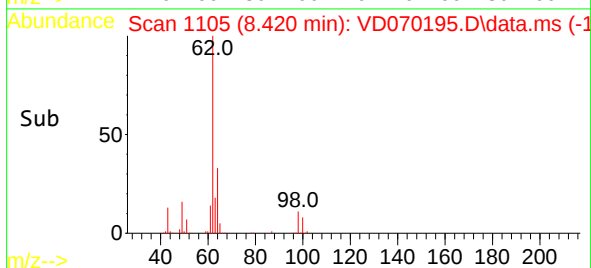
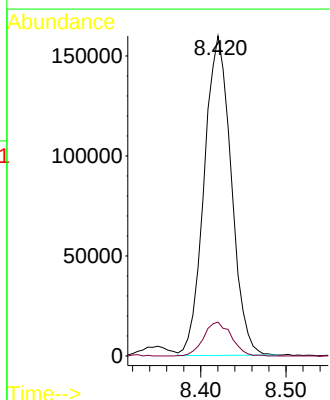
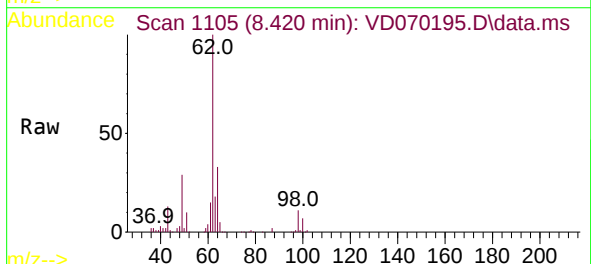
Instrument :  
MSVOA\_D  
ClientSampleId :

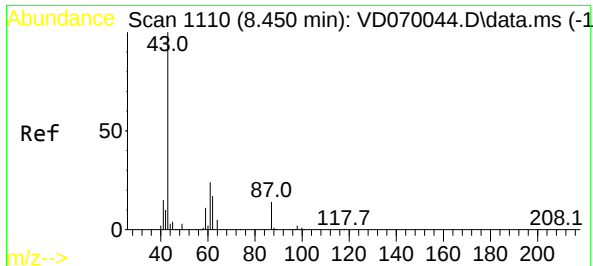
Tgt Ion: 41 Resp: 99745  
Ion Ratio Lower Upper  
41 100  
39 57.7 47.7 71.5  
67 77.3 68.2 102.2  
52 31.5 26.5 39.7



#42  
1,2-Dichloroethane  
Concen: 48.310 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 62 Resp: 351430  
Ion Ratio Lower Upper  
62 100  
98 10.9 0.0 20.2

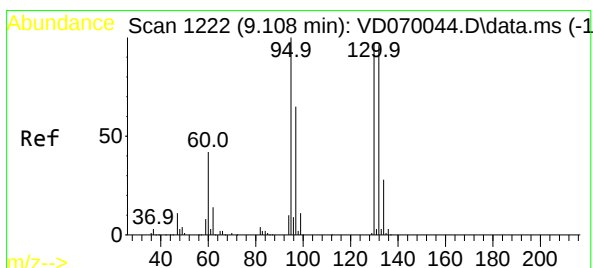
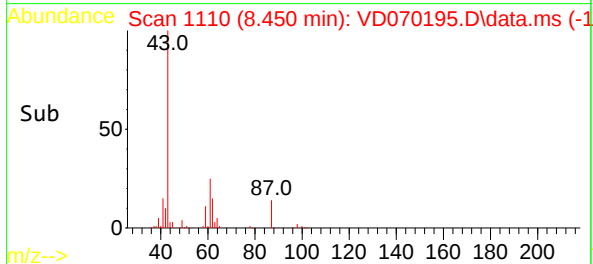
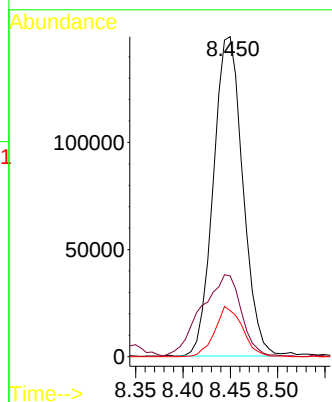
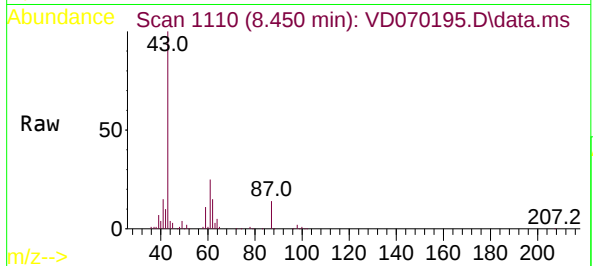




#43  
Isopropyl Acetate  
Concen: 48.577 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

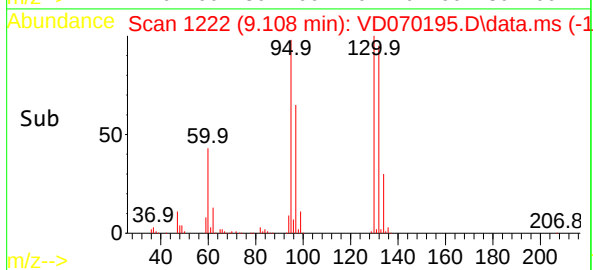
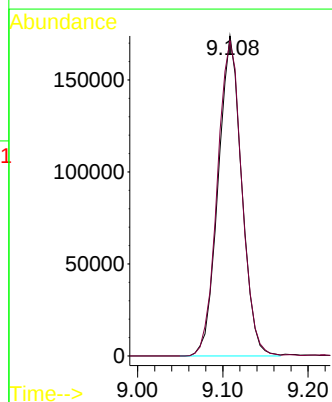
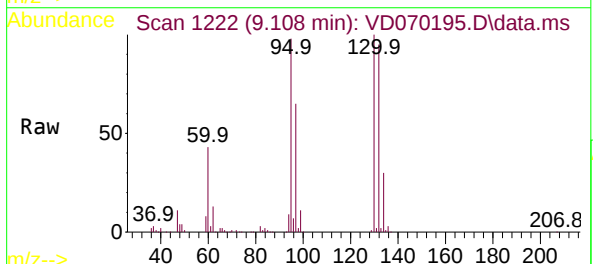
Instrument :  
MSVOA\_D  
ClientSampled :

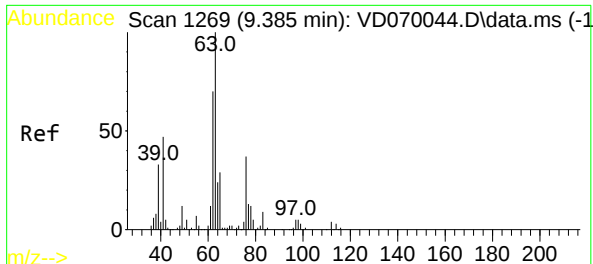
Tgt Ion: 43 Resp: 322365  
Ion Ratio Lower Upper  
43 100  
61 35.0 27.7 41.5  
87 14.8 11.5 17.3



#44  
Trichloroethene  
Concen: 48.593 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion:130 Resp: 333196  
Ion Ratio Lower Upper  
130 100  
95 98.5 0.0 206.4

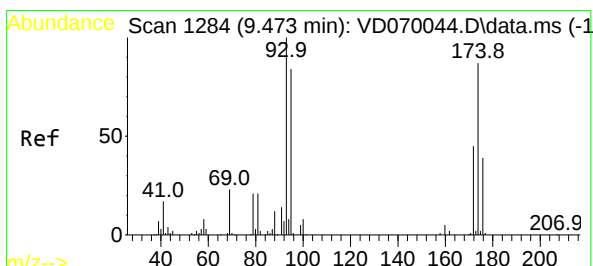
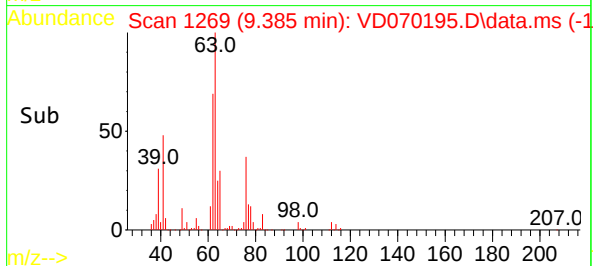
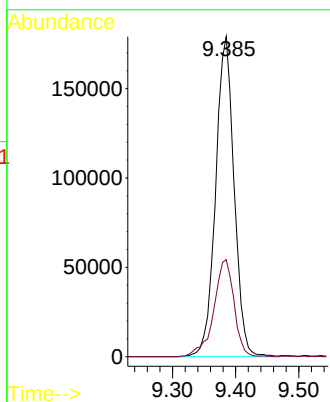
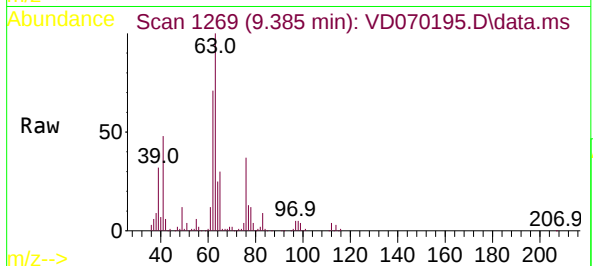




#45  
1,2-Dichloropropane  
Concen: 49.405 ug/l  
RT: 9.385 min Scan# 1269  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

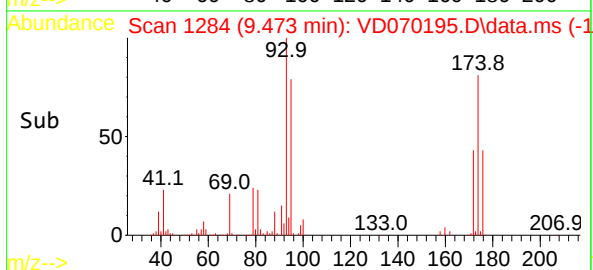
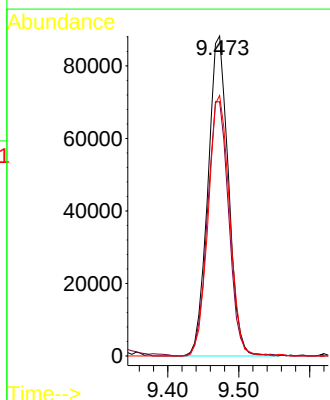
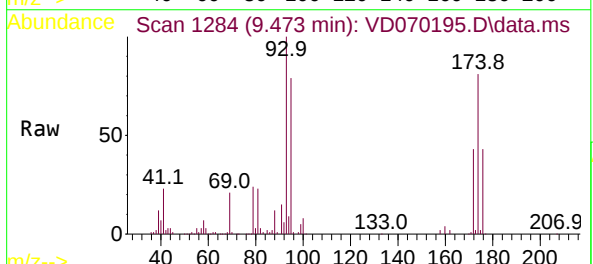
Instrument :  
MSVOA\_D  
ClientSampleId :

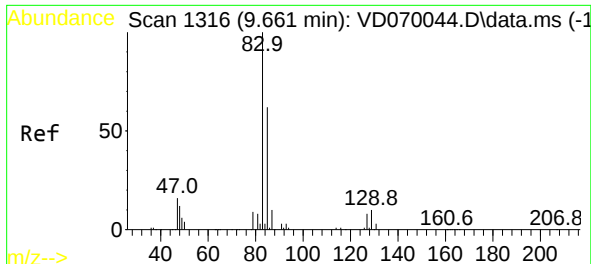
Tgt Ion: 63 Resp: 364263  
Ion Ratio Lower Upper  
63 100  
65 30.3 23.4 35.0



#46  
Dibromomethane  
Concen: 49.356 ug/l  
RT: 9.473 min Scan# 1284  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

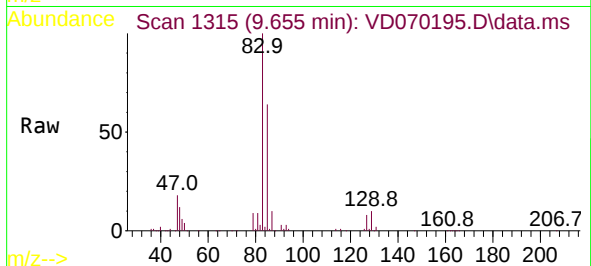
Tgt Ion: 93 Resp: 176750  
Ion Ratio Lower Upper  
93 100  
95 82.4 68.1 102.1  
174 84.3 68.2 102.4



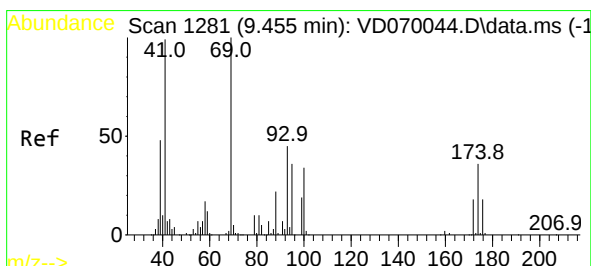
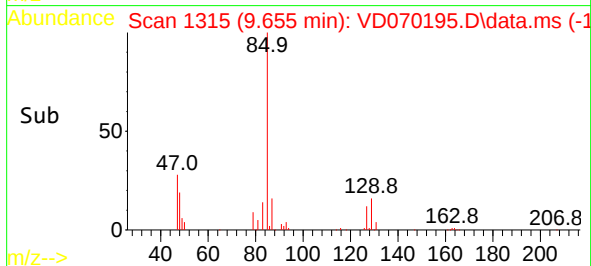
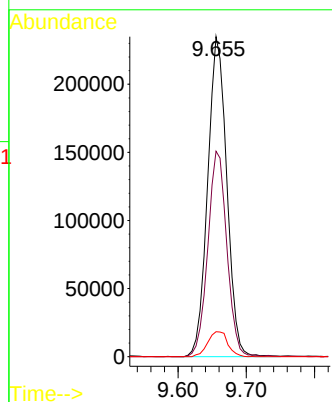


#47  
Bromodichloromethane  
Concen: 49.462 ug/l  
RT: 9.655 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Instrument :  
MSVOA\_D  
ClientSampleId :

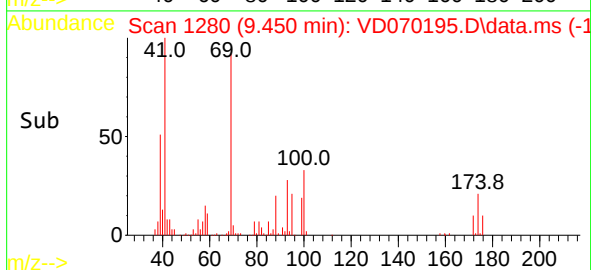
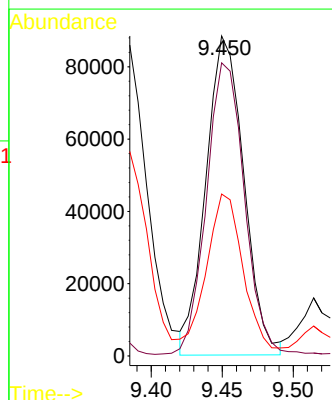
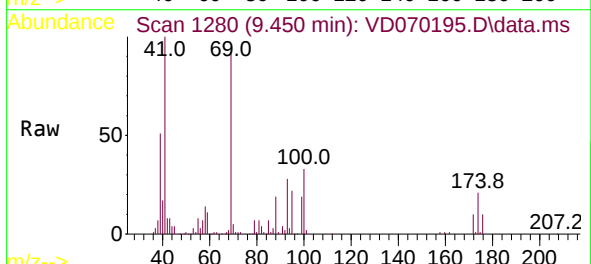


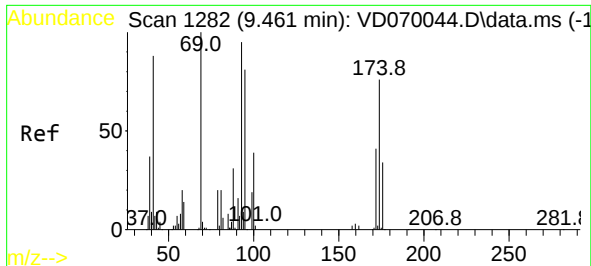
Tgt Ion: 83 Resp: 458264  
Ion Ratio Lower Upper  
83 100  
85 64.2 49.6 74.4  
127 7.8 6.8 10.2



#48  
Methyl methacrylate  
Concen: 51.782 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. -0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 41 Resp: 163867  
Ion Ratio Lower Upper  
41 100  
69 92.6 74.6 111.8  
39 44.5 35.9 53.9

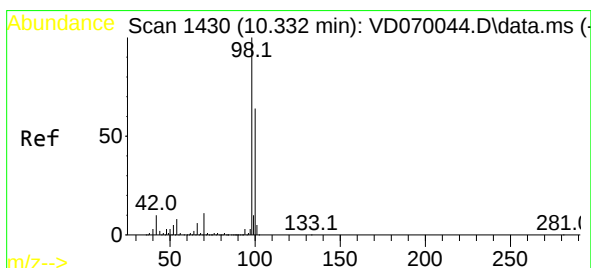
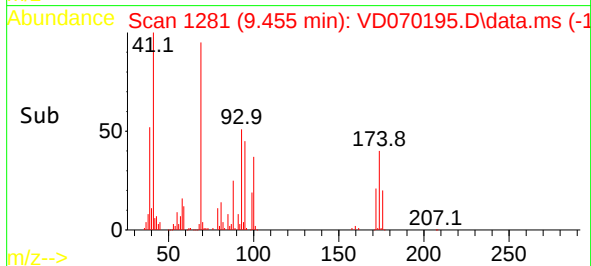
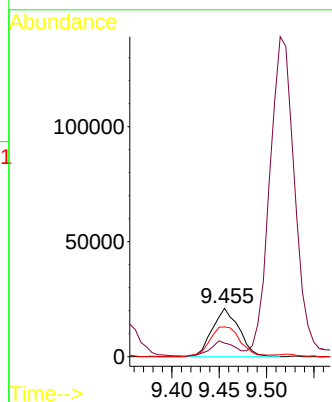
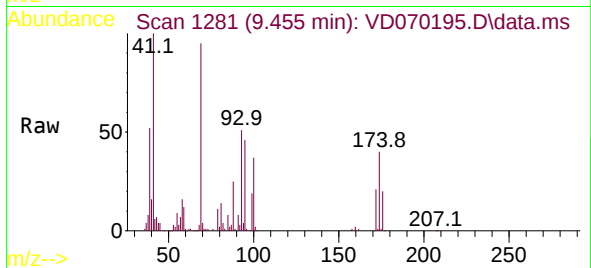




#49  
1,4-Dioxane  
Concen: 1060.330 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. -0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

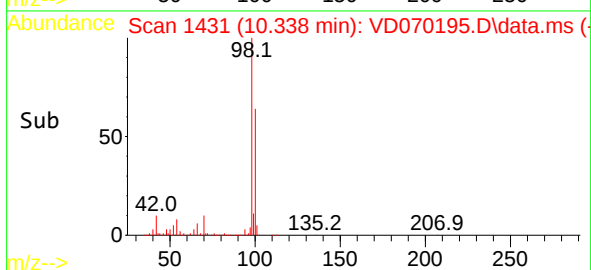
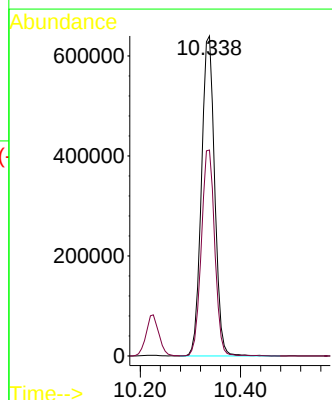
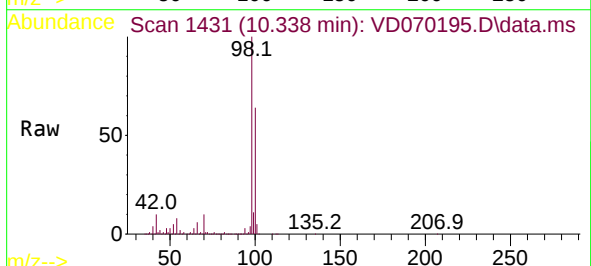
Instrument :  
MSVOA\_D  
ClientSampleId :

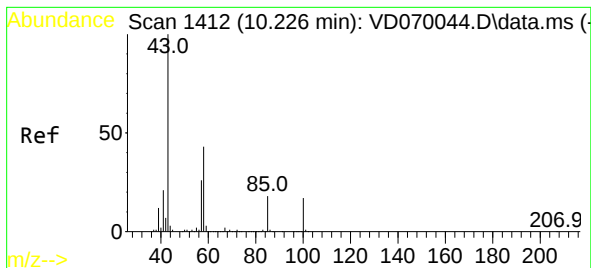
Tgt Ion: 88 Resp: 41323  
Ion Ratio Lower Upper  
88 100  
43 28.1 25.8 38.6  
58 70.0 57.4 86.2



#50  
Toluene-d8  
Concen: 51.311 ug/l  
RT: 10.338 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 98 Resp: 1172900  
Ion Ratio Lower Upper  
98 100  
100 64.8 52.6 78.8

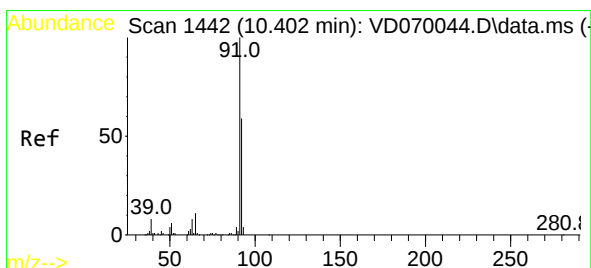
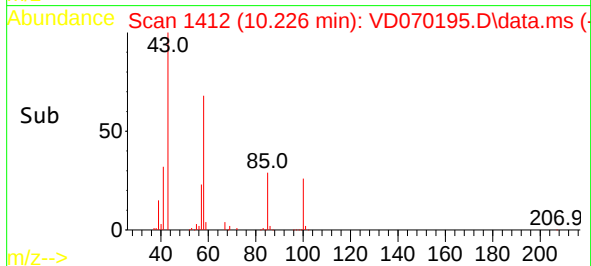
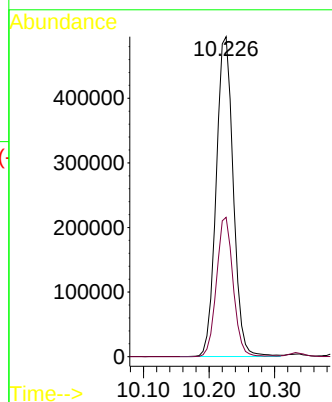
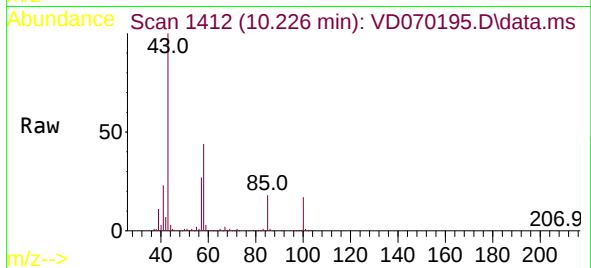




#51  
4-Methyl-2-Pentanone  
Concen: 259.101 ug/l  
RT: 10.226 min Scan# 1412  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

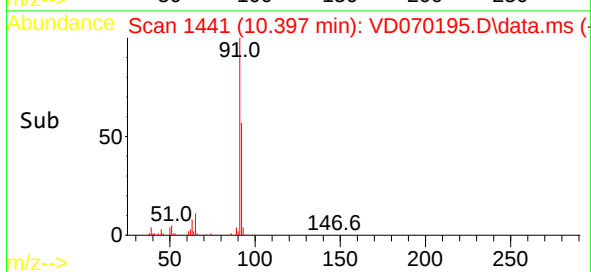
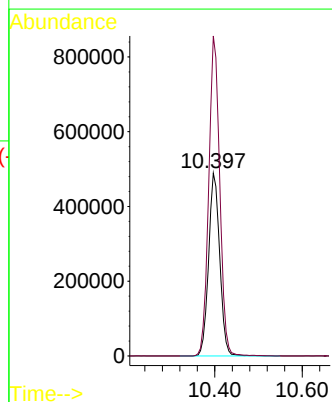
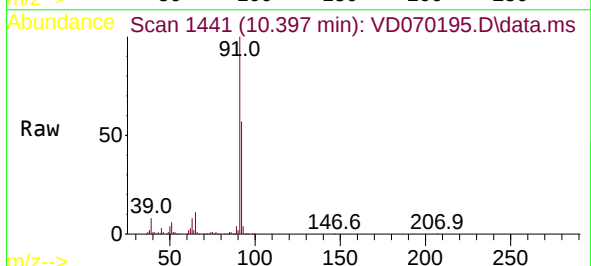
Instrument :  
MSVOA\_D  
ClientSampleId :

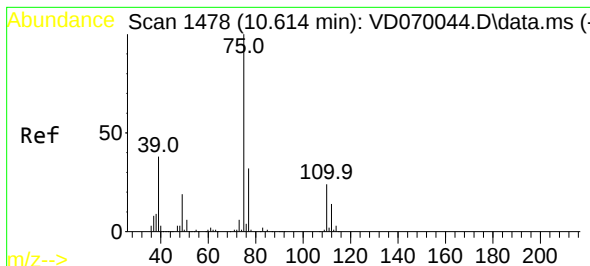
Tgt Ion: 43 Resp: 894044  
Ion Ratio Lower Upper  
43 100  
58 42.5 33.9 50.9



#52  
Toluene  
Concen: 50.095 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 92 Resp: 865472  
Ion Ratio Lower Upper  
92 100  
91 173.6 137.2 205.8

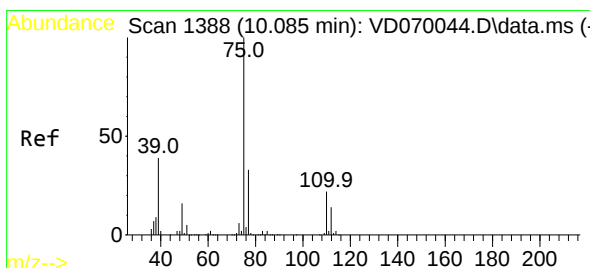
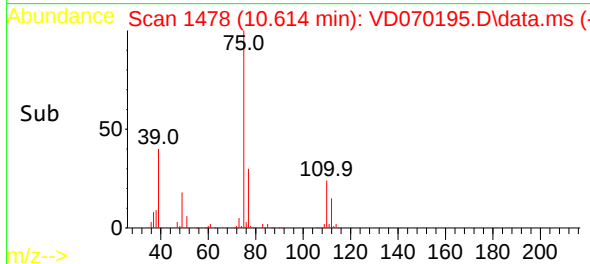
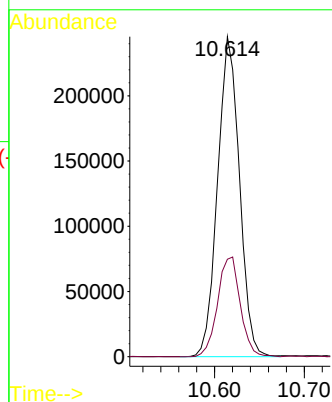
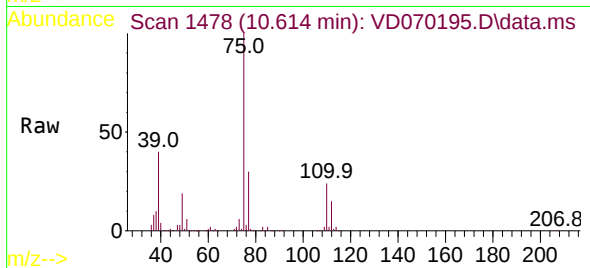




#53  
t-1,3-Dichloropropene  
Concen: 50.553 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

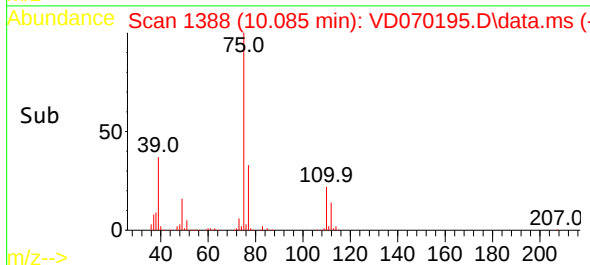
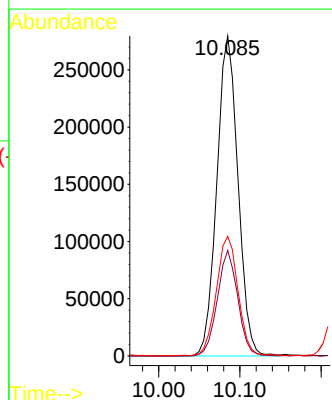
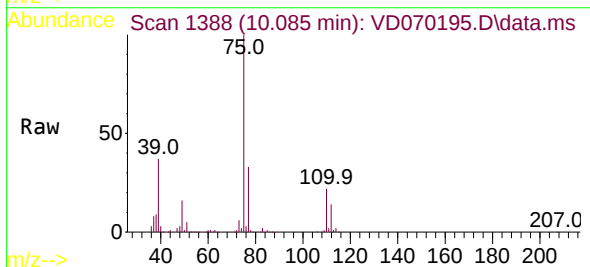
Tgt Ion: 75 Resp: 414868  
Ion Ratio Lower Upper  
75 100  
77 30.5 25.4 38.2

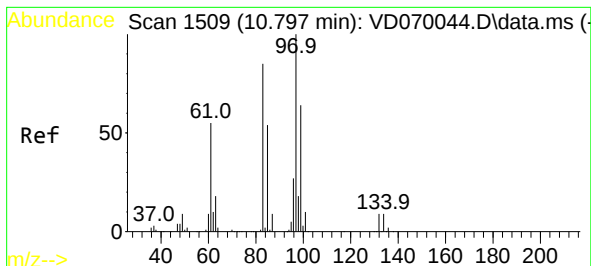
Instrument :  
MSVOA\_D  
ClientSampled :



#54  
cis-1,3-Dichloropropene  
Concen: 50.908 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 75 Resp: 507086  
Ion Ratio Lower Upper  
75 100  
77 33.0 26.3 39.5  
39 37.2 31.4 47.2

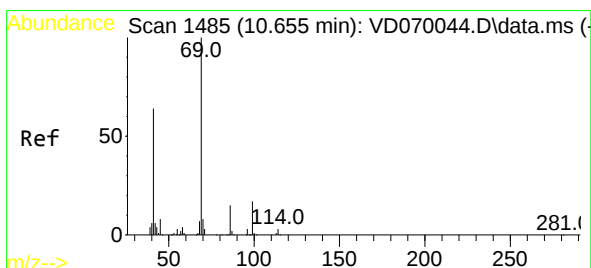
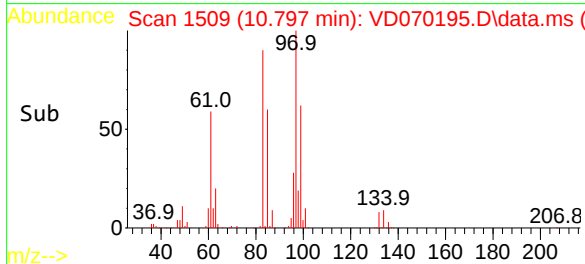
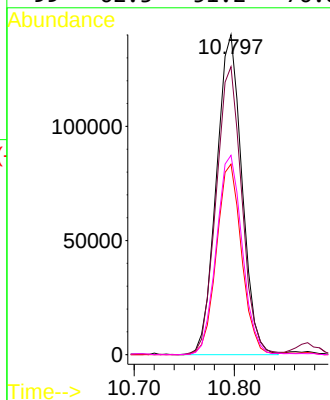
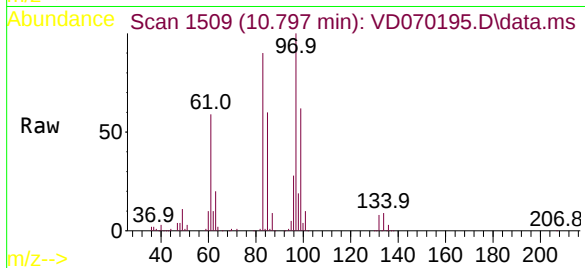




#55  
1,1,2-Trichloroethane  
Concen: 48.858 ug/l  
RT: 10.797 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

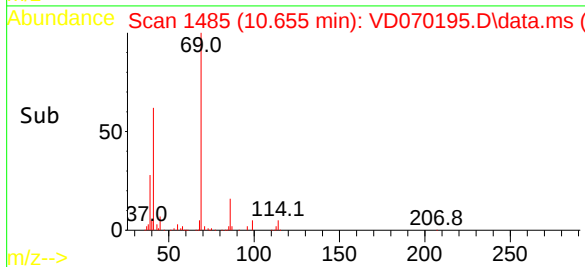
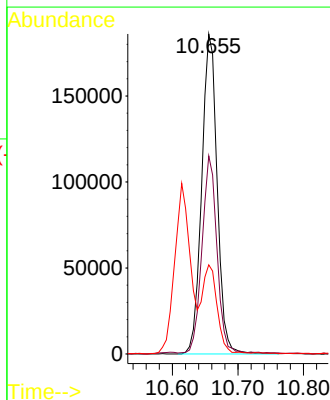
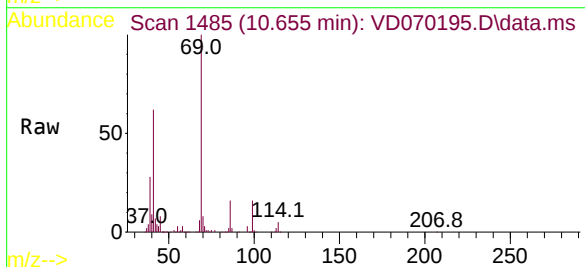
Instrument :  
MSVOA\_D  
ClientSampleId :

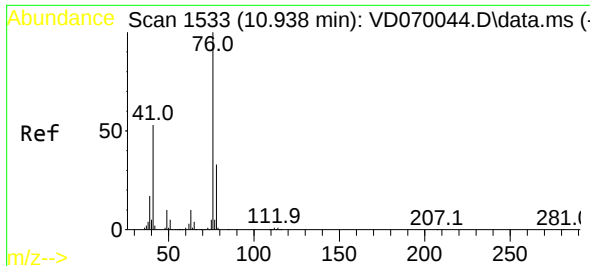
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 247901 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 90.0  | 67.8  | 101.6  |
| 85       | 59.6  | 43.4  | 65.0   |
| 99       | 62.3  | 51.2  | 76.8   |



#56  
Ethyl methacrylate  
Concen: 52.923 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 305577 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 59.4  | 48.9  | 73.3   |
| 39       | 26.6  | 21.6  | 32.4   |

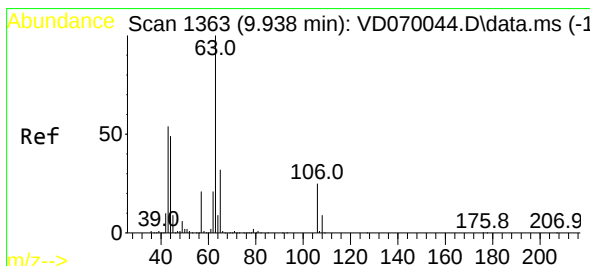
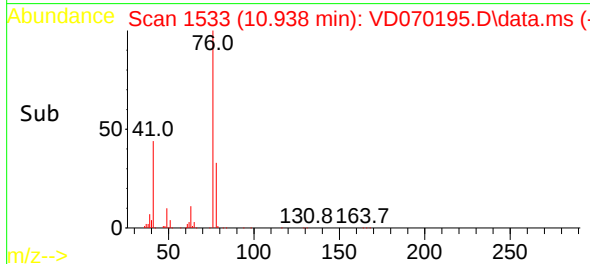
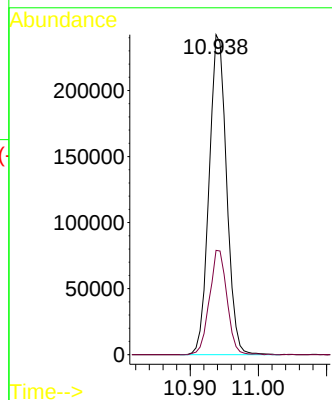
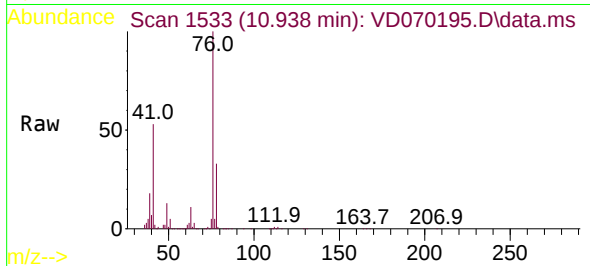




#57  
1,3-Dichloropropane  
Concen: 49.227 ug/l  
RT: 10.938 min Scan# 1533  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

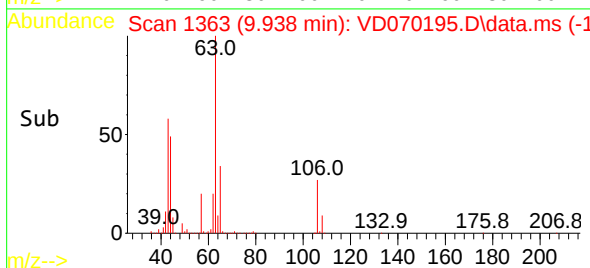
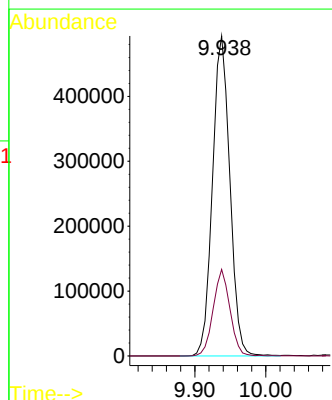
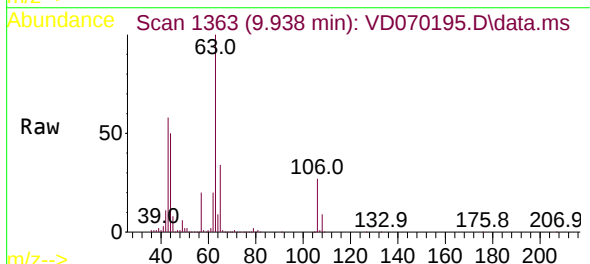
Instrument :  
MSVOA\_D  
ClientSampled :

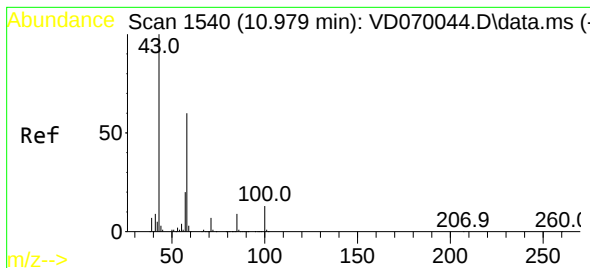
Tgt Ion: 76 Resp: 432409  
Ion Ratio Lower Upper  
76 100  
78 32.7 25.9 38.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 274.908 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 63 Resp: 837205  
Ion Ratio Lower Upper  
63 100  
106 26.0 21.2 31.8

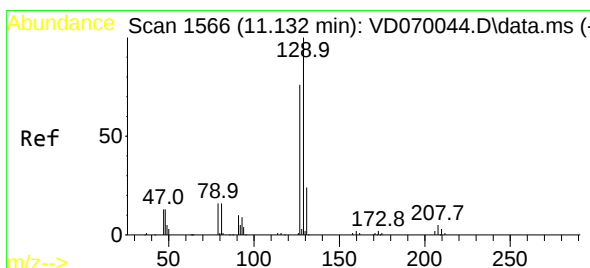
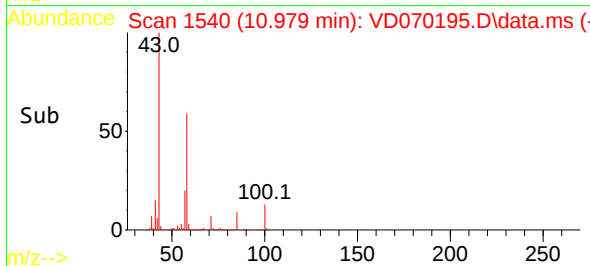
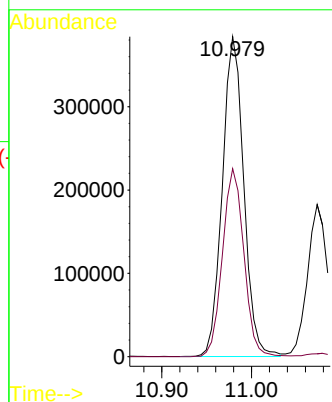
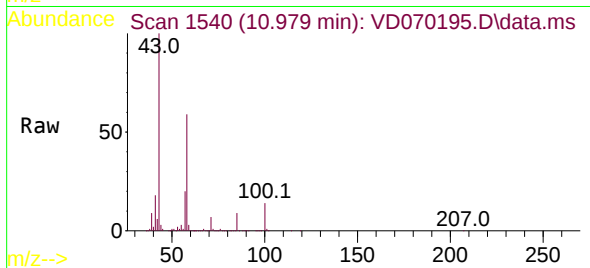




#59  
2-Hexanone  
Concen: 275.577 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

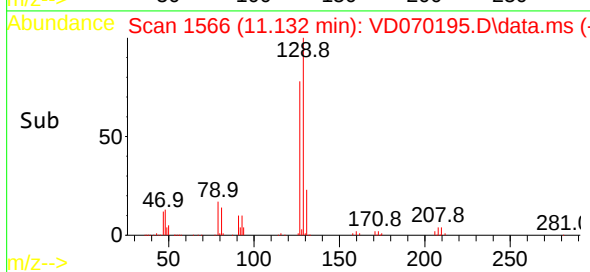
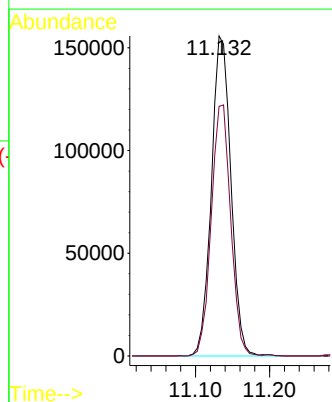
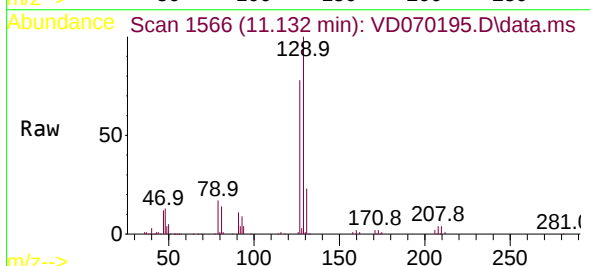
Instrument :  
MSVOA\_D  
ClientSampleId :

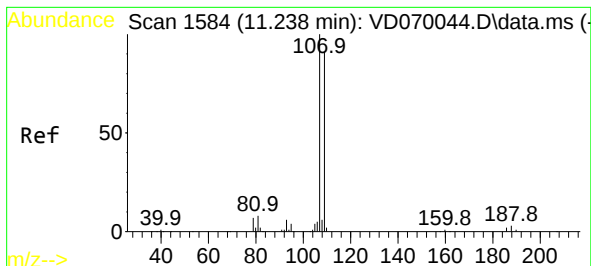
Tgt Ion: 43 Resp: 636819  
Ion Ratio Lower Upper  
43 100  
58 58.8 29.5 88.5



#60  
Dibromochloromethane  
Concen: 49.016 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion:129 Resp: 284900  
Ion Ratio Lower Upper  
129 100  
127 78.1 39.4 118.2

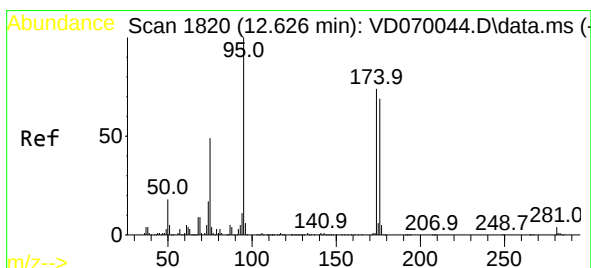
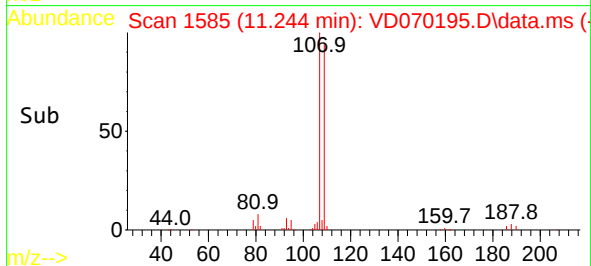
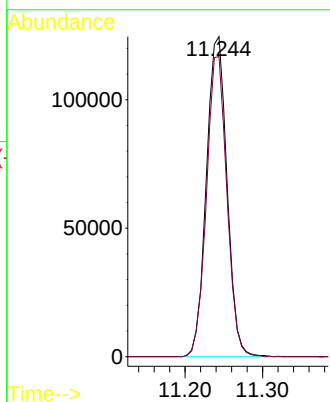
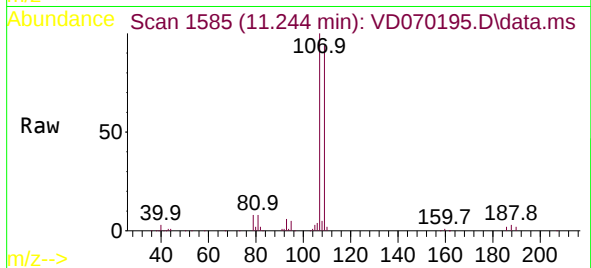




#61  
1,2-Dibromoethane  
Concen: 50.022 ug/l  
RT: 11.244 min Scan# 1585  
Delta R.T. 0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

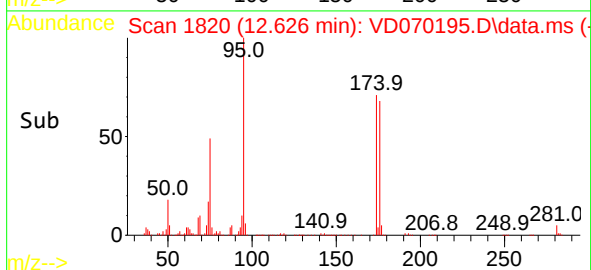
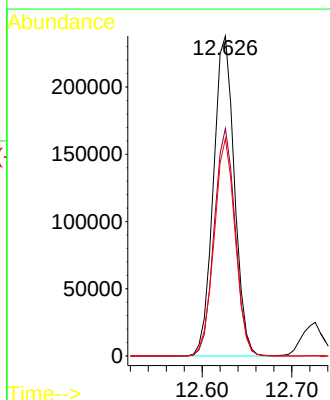
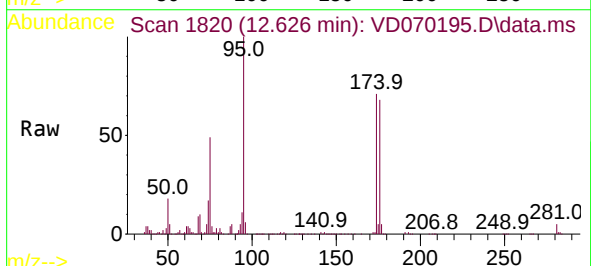
Instrument :  
MSVOA\_D  
ClientSampleId :

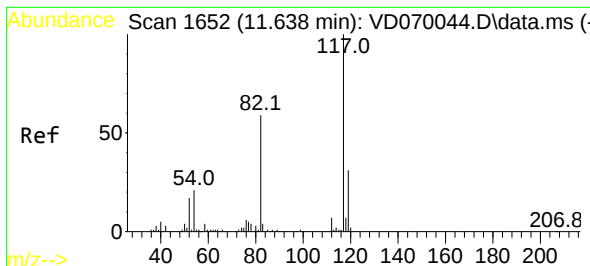
Tgt Ion:107 Resp: 229776  
Ion Ratio Lower Upper  
107 100  
109 93.1 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 51.294 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 95 Resp: 386194  
Ion Ratio Lower Upper  
95 100  
174 71.3 0.0 141.6  
176 68.1 0.0 138.2

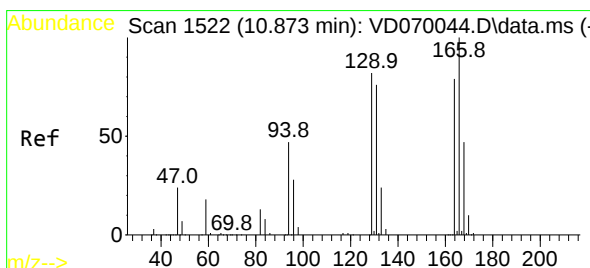
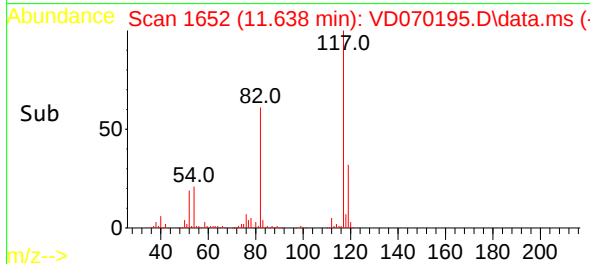
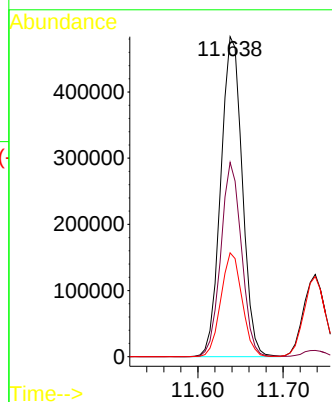
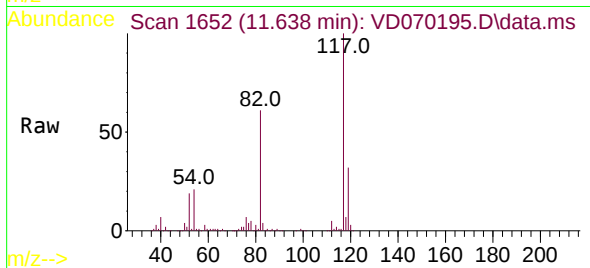




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

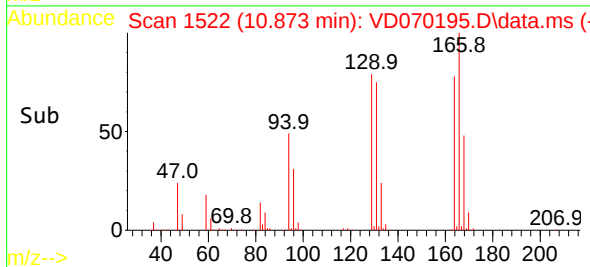
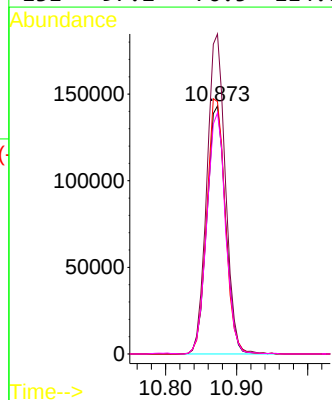
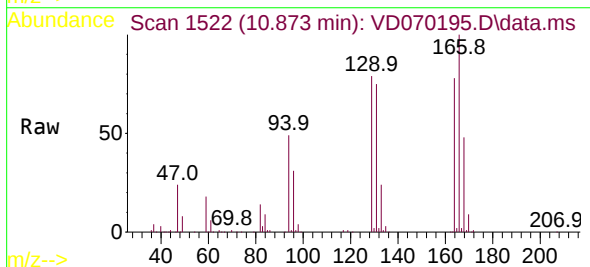
Instrument :  
MSVOA\_D  
ClientSampleId :

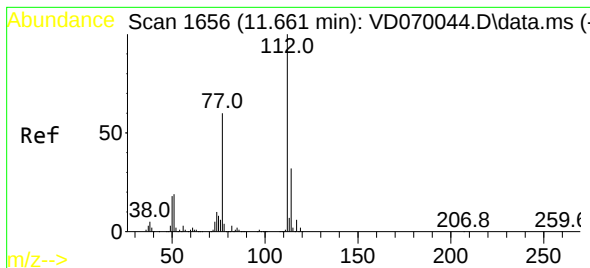
Tgt Ion:117 Resp: 846418  
Ion Ratio Lower Upper  
117 100  
82 60.7 47.5 71.3  
119 32.4 25.1 37.7



#64  
Tetrachloroethene  
Concen: 47.761 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion:164 Resp: 260797  
Ion Ratio Lower Upper  
164 100  
166 129.0 101.3 151.9  
129 101.7 82.9 124.3  
131 97.2 76.5 114.7

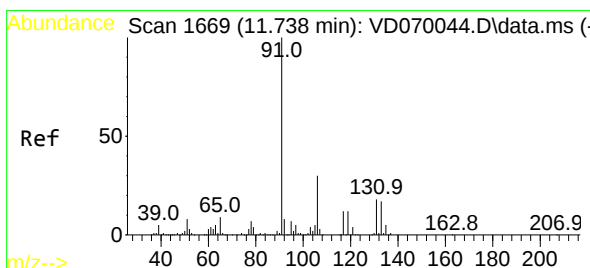
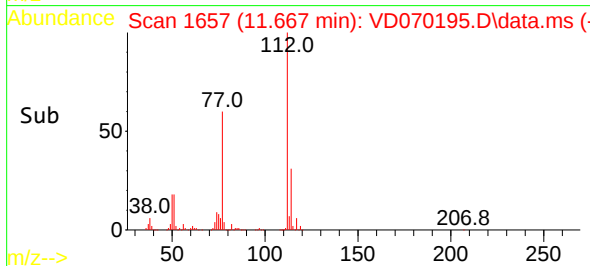
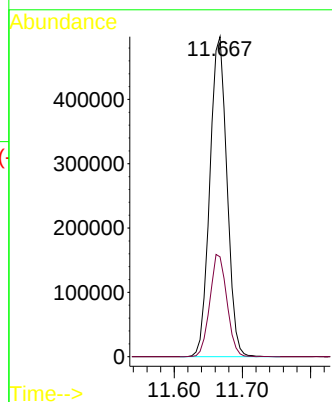
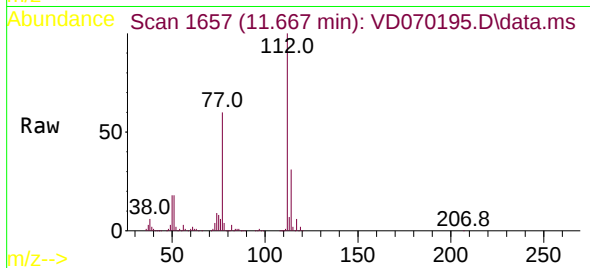




#65  
Chlorobenzene  
Concen: 49.157 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

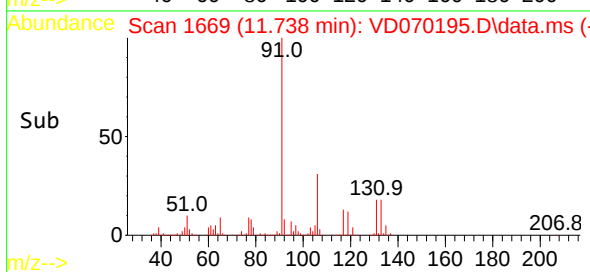
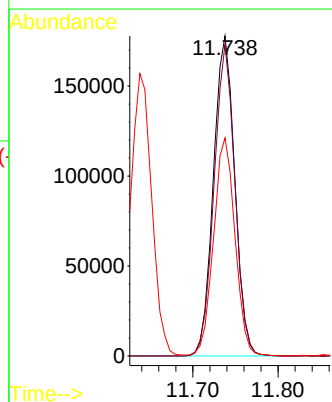
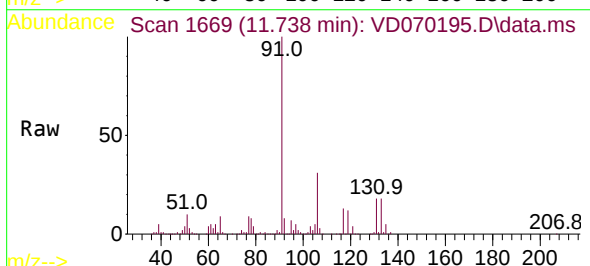
Instrument :  
MSVOA\_D  
ClientSampleId :

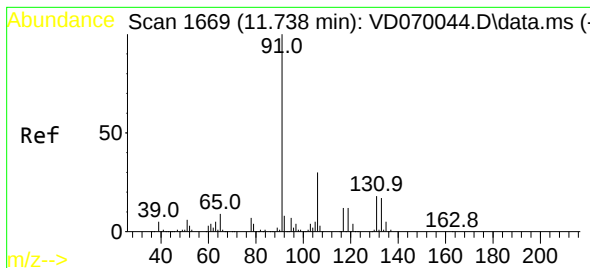
Tgt Ion:112 Resp: 869320  
Ion Ratio Lower Upper  
112 100  
114 31.2 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.324 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion:131 Resp: 309767  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.4 142.2  
119 68.4 34.0 102.0

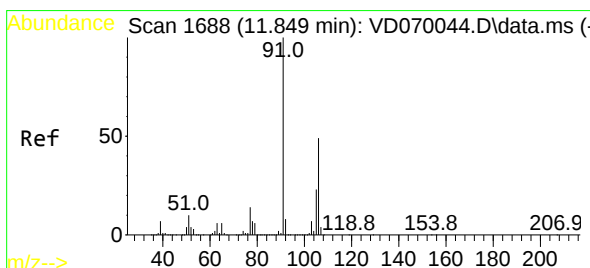
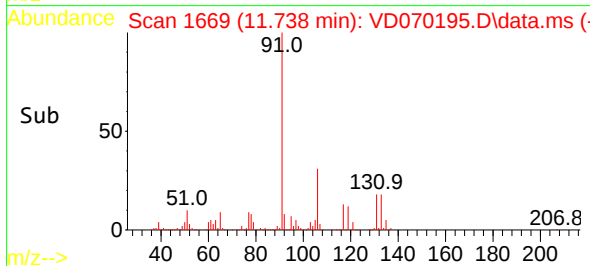
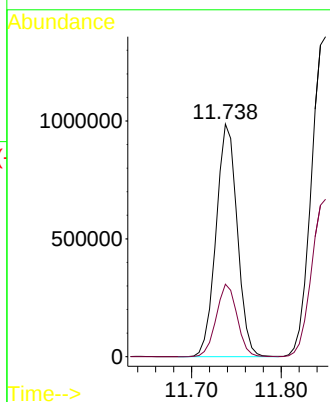
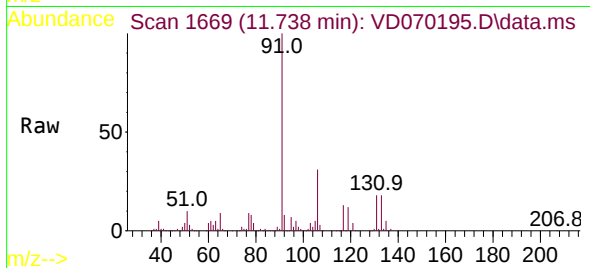




#67  
Ethyl Benzene  
Concen: 51.702 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

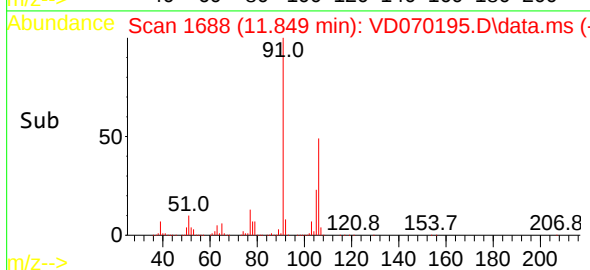
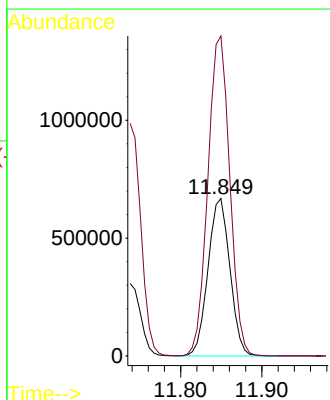
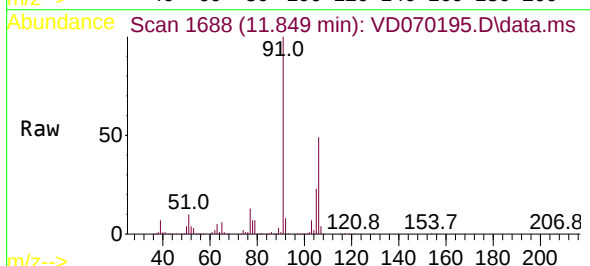
Instrument :  
MSVOA\_D  
ClientSampleId :

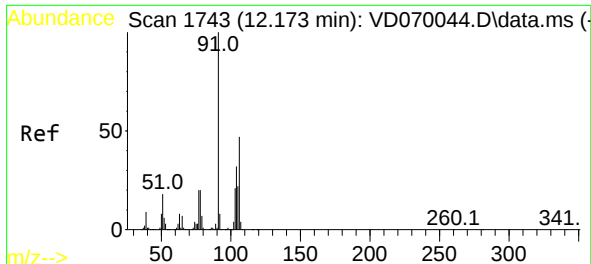
Tgt Ion: 91 Resp: 1616616  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.3 36.5



#68  
m/p-Xylenes  
Concen: 103.243 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion:106 Resp: 1251033  
Ion Ratio Lower Upper  
106 100  
91 203.8 164.6 246.8

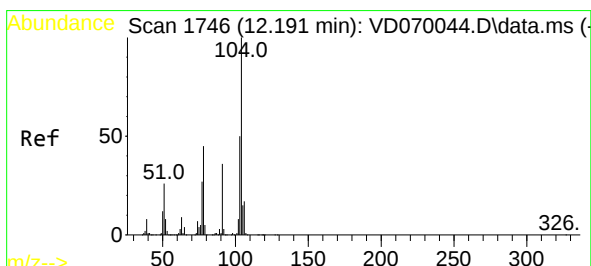
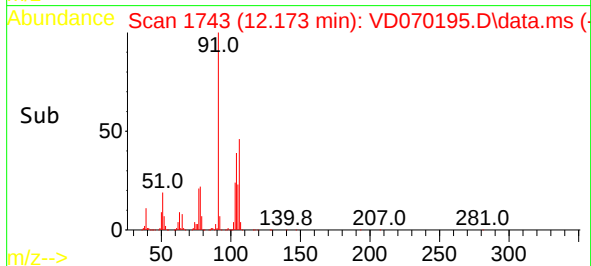
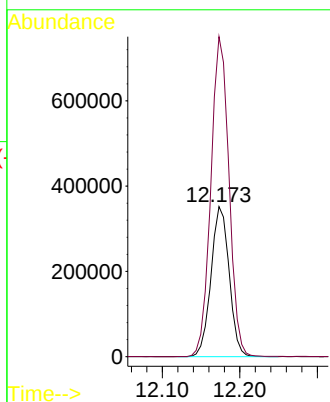
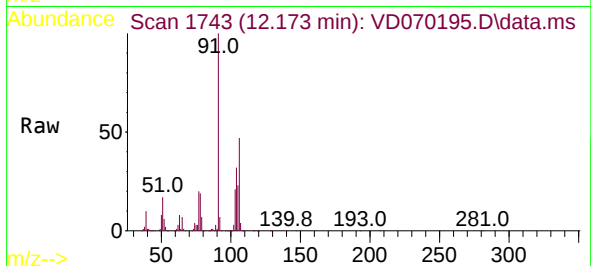




#69  
o-Xylene  
Concen: 52.362 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

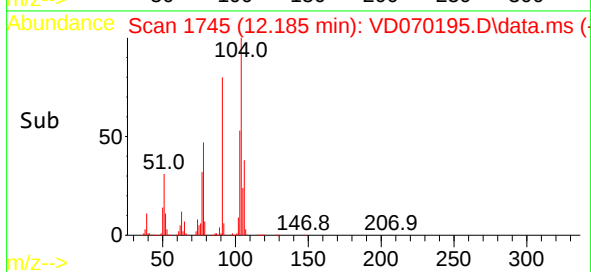
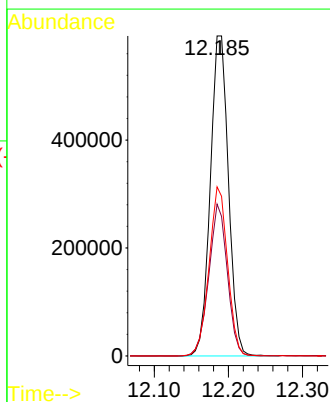
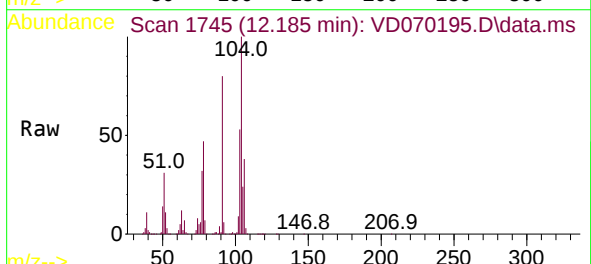
Instrument :  
MSVOA\_D  
ClientSampleId :

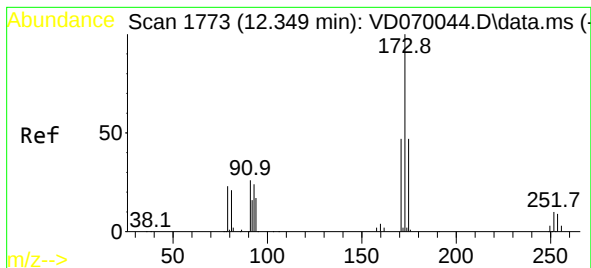
Tgt Ion:106 Resp: 572493  
Ion Ratio Lower Upper  
106 100  
91 213.4 108.6 325.8



#70  
Styrene  
Concen: 52.634 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion:104 Resp: 1007900  
Ion Ratio Lower Upper  
104 100  
78 48.4 39.7 59.5  
103 54.0 43.8 65.6

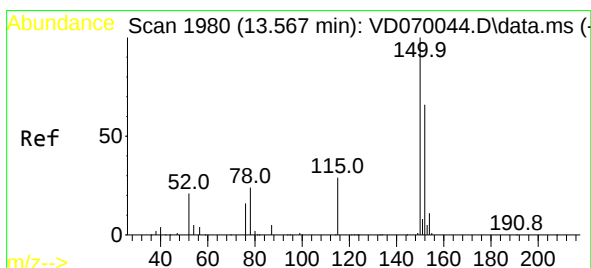
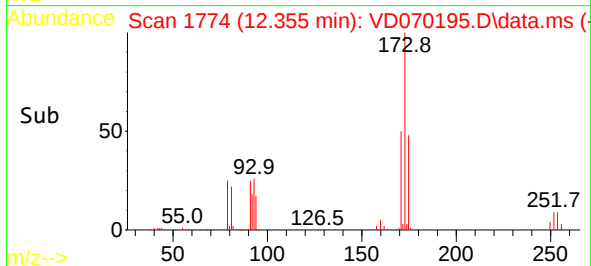
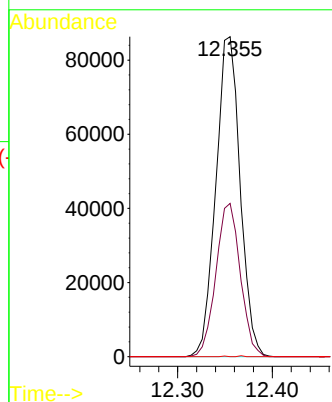
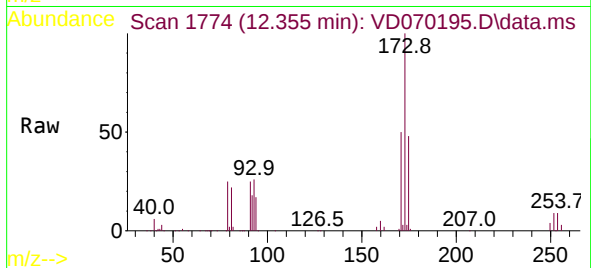




#71  
Bromoform  
Concen: 50.270 ug/l  
RT: 12.355 min Scan# 1774  
Delta R.T. 0.006 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

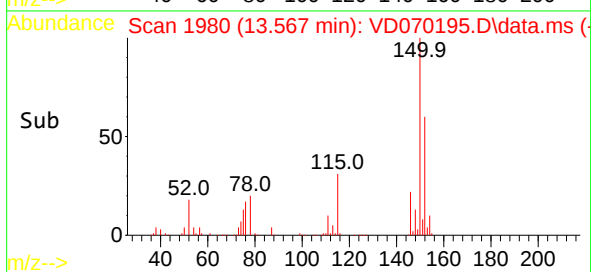
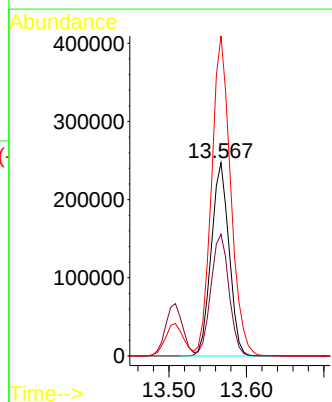
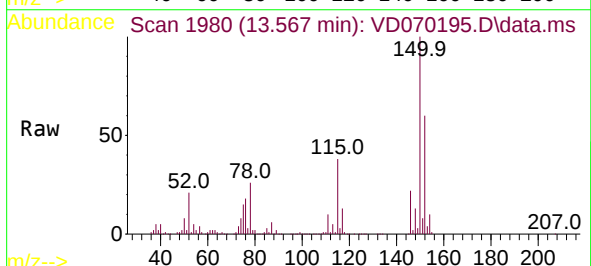
Instrument :  
MSVOA\_D  
ClientSampled :

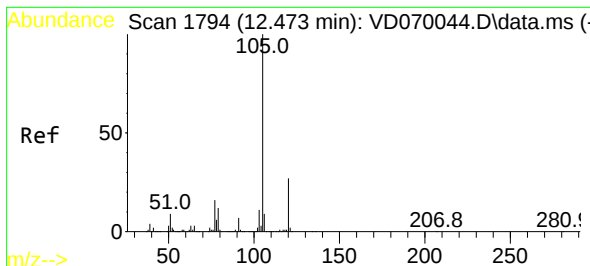
Tgt Ion:173 Resp: 153820  
Ion Ratio Lower Upper  
173 100  
175 48.1 24.1 72.2  
254 0.0 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion:152 Resp: 395315  
Ion Ratio Lower Upper  
152 100  
115 64.1 31.2 93.6  
150 177.9 0.0 352.0

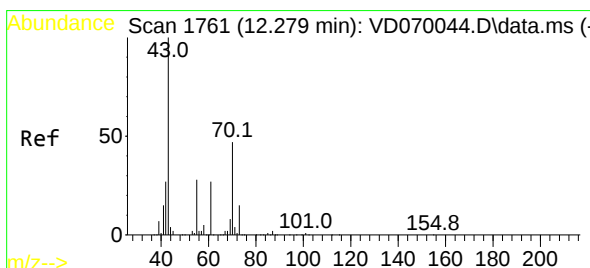
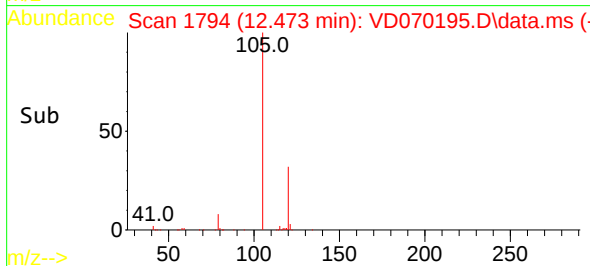
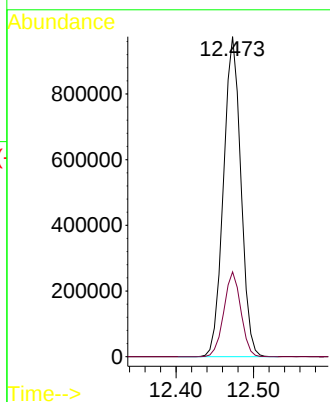
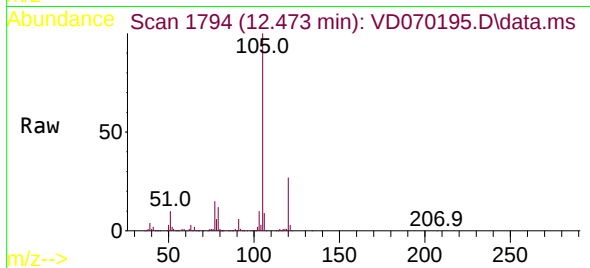




#73  
Isopropylbenzene  
Concen: 52.747 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

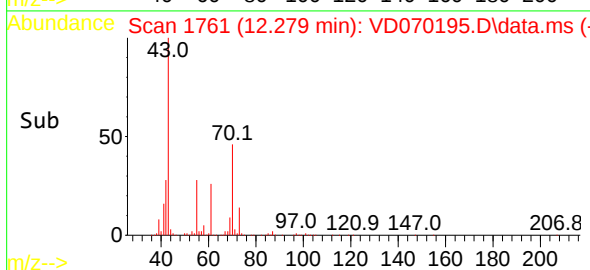
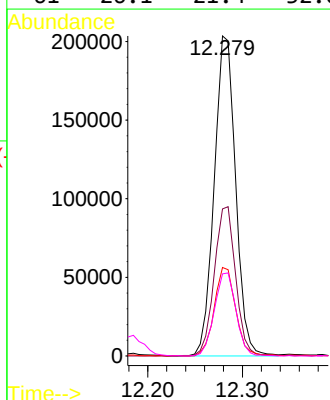
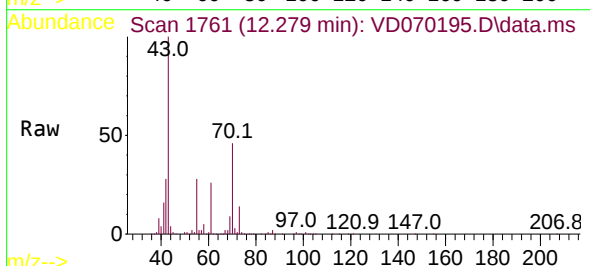
Instrument :  
MSVOA\_D  
ClientSampleId :

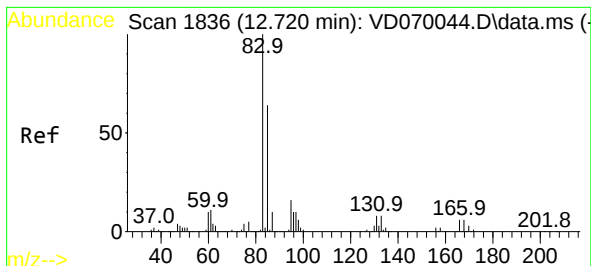
Tgt Ion:105 Resp: 1520548  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.3 39.8



#74  
N-ethyl acetate  
Concen: 51.530 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 43 Resp: 320286  
Ion Ratio Lower Upper  
43 100  
70 46.7 37.2 55.8  
55 27.8 22.9 34.3  
61 26.1 21.4 32.0

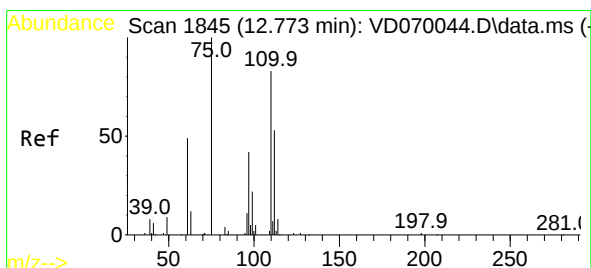
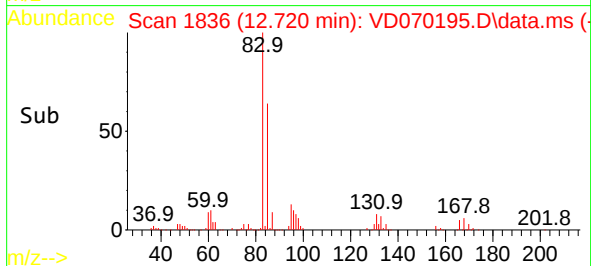
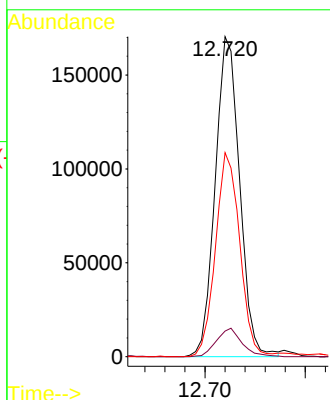
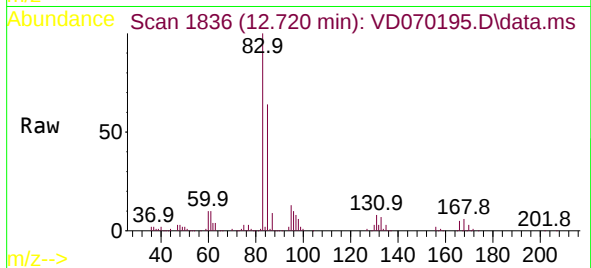




#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.132 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

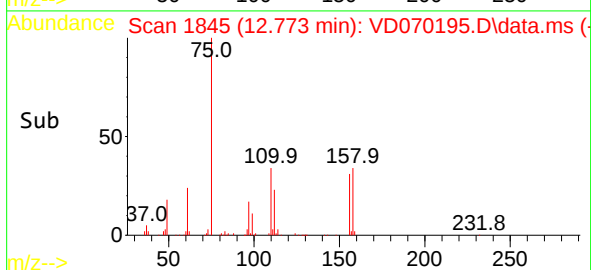
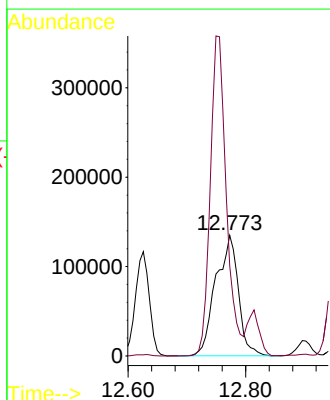
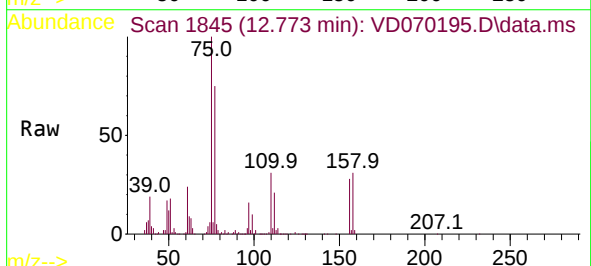
Instrument :  
MSVOA\_D  
ClientSampleId :

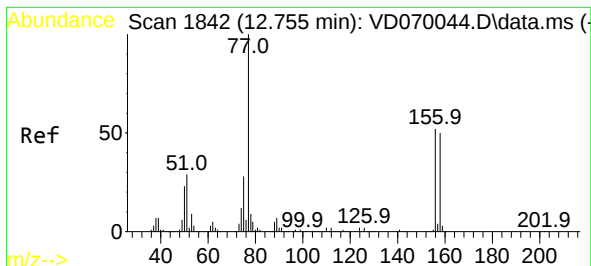
Tgt Ion: 83 Resp: 288354  
Ion Ratio Lower Upper  
83 100  
131 9.3 4.5 13.7  
85 63.2 31.9 95.5



#76  
1,2,3-Trichloropropane  
Concen: 89.505 ug/l  
RT: 12.773 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 75 Resp: 358829  
Ion Ratio Lower Upper  
75 100  
77 0.0 182.4 547.2#

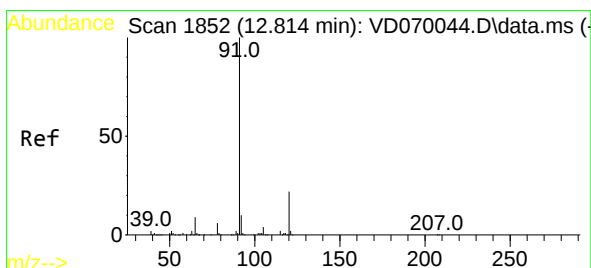
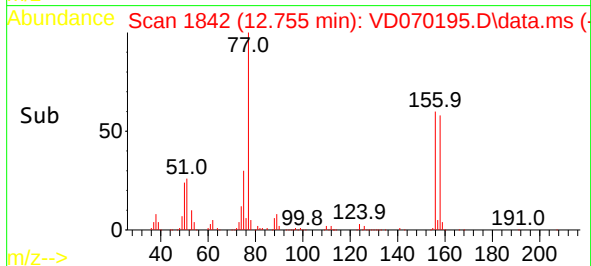
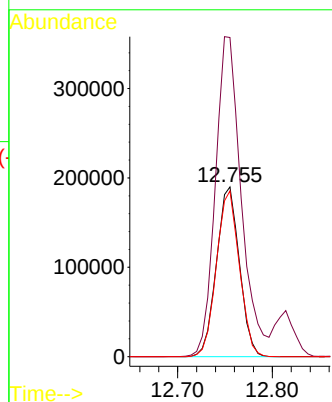
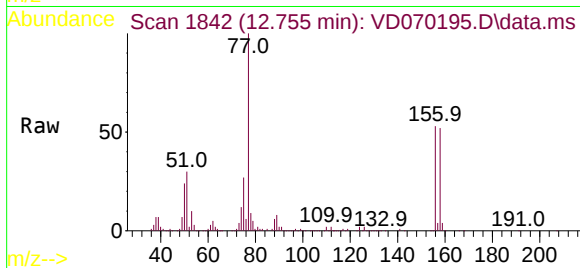




#77  
Bromobenzene  
Concen: 50.020 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

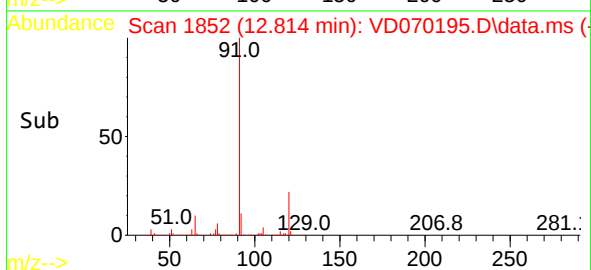
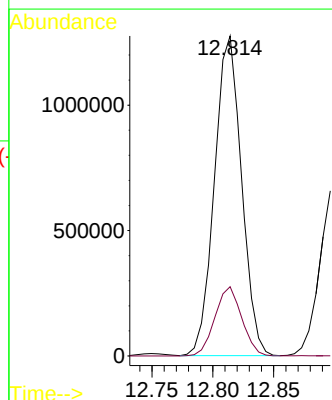
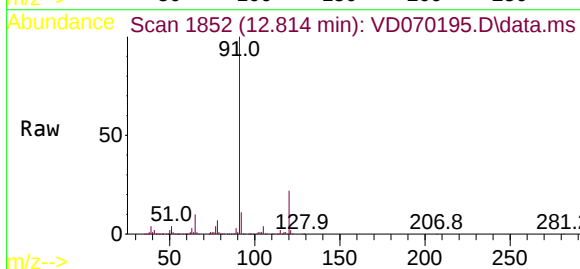
Instrument :  
MSVOA\_D  
ClientSampled :

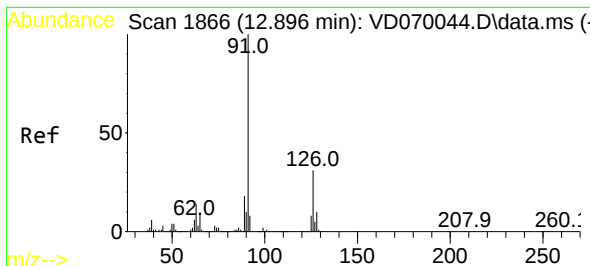
Tgt Ion:156 Resp: 320048  
Ion Ratio Lower Upper  
156 100  
77 213.2 106.9 320.7  
158 97.5 47.6 142.8



#78  
n-propylbenzene  
Concen: 53.099 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 91 Resp: 1974070  
Ion Ratio Lower Upper  
91 100  
120 21.5 10.9 32.9

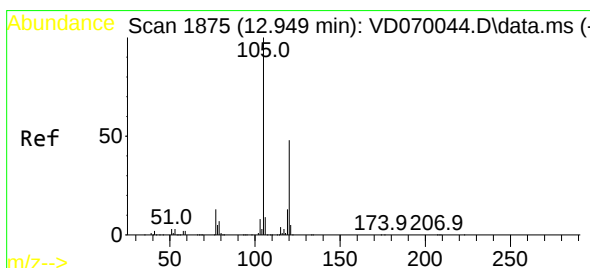
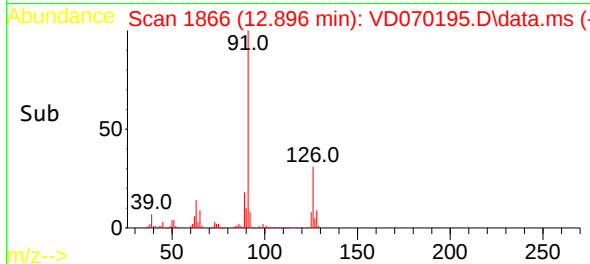
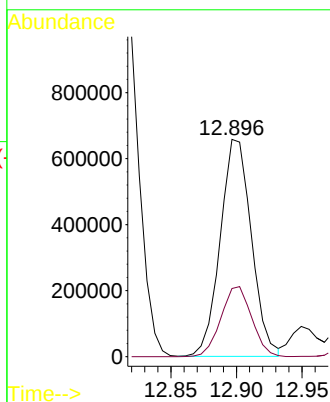
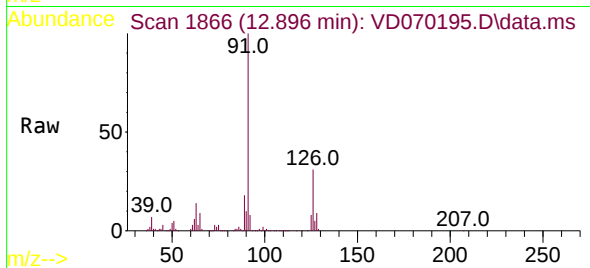




#79  
2-Chlorotoluene  
Concen: 50.914 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

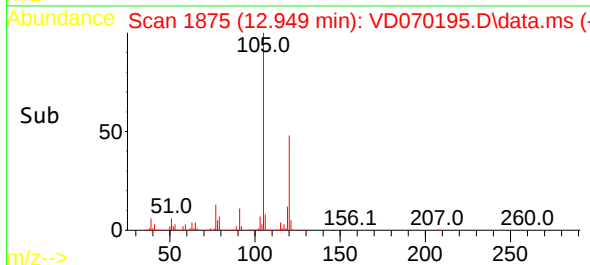
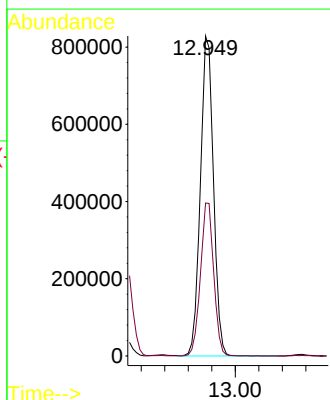
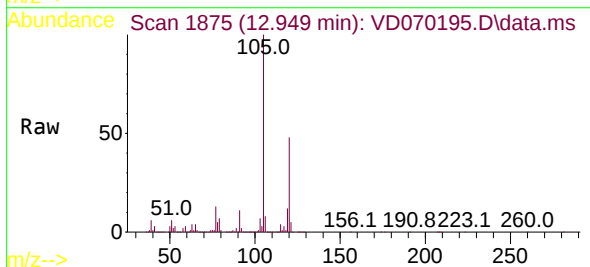
Instrument :  
MSVOA\_D  
ClientSampleId :

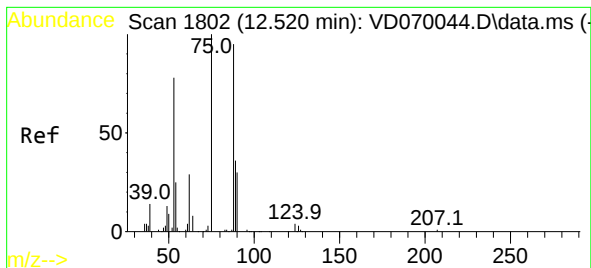
Tgt Ion: 91 Resp: 1089009  
Ion Ratio Lower Upper  
91 100  
126 31.9 16.0 48.0



#80  
1,3,5-Trimethylbenzene  
Concen: 52.221 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 105 Resp: 1281596  
Ion Ratio Lower Upper  
105 100  
120 48.5 24.5 73.5

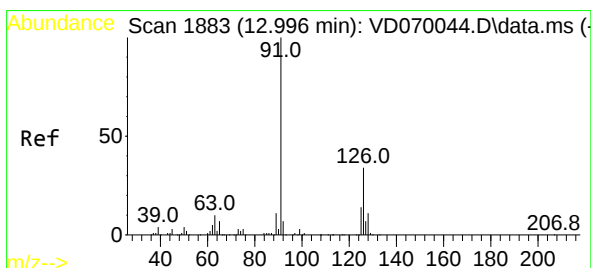
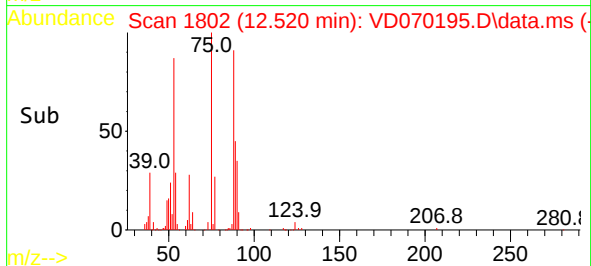
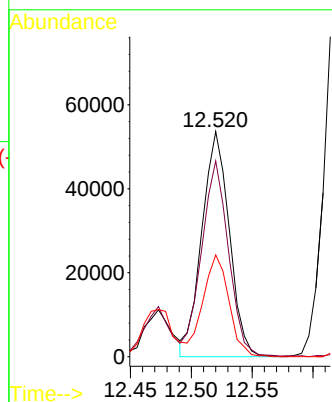
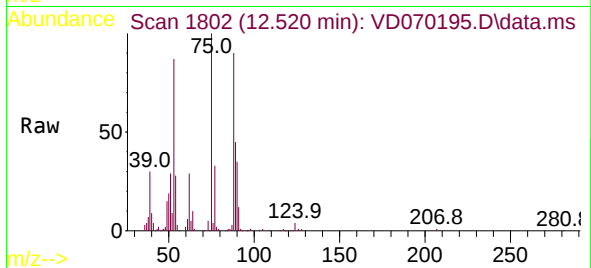




#81  
trans-1,4-Dichloro-2-butene  
Concen: 54.518 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

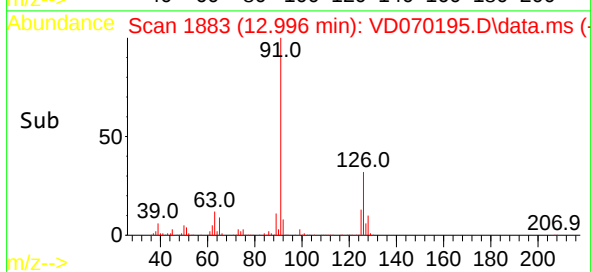
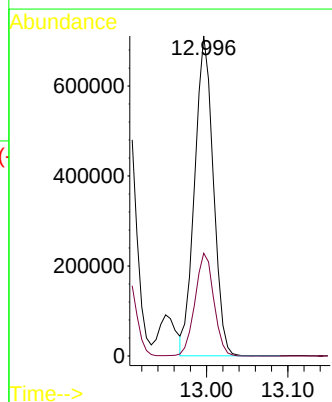
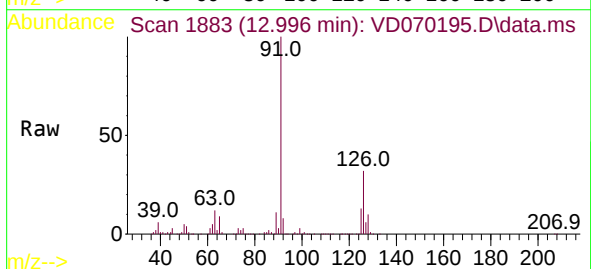
Instrument :  
MSVOA\_D  
ClientSampleId :

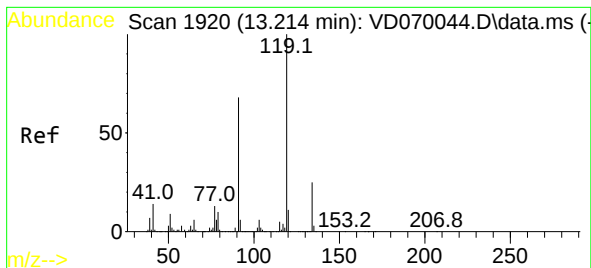
Tgt Ion: 75 Resp: 84205  
Ion Ratio Lower Upper  
75 100  
53 86.0 64.5 96.7  
89 42.3 33.7 50.5



#82  
4-Chlorotoluene  
Concen: 50.627 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 91 Resp: 1133889  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.3 48.8

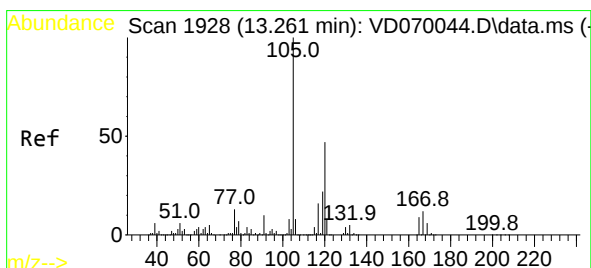
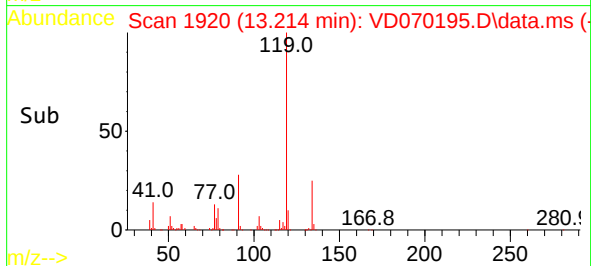
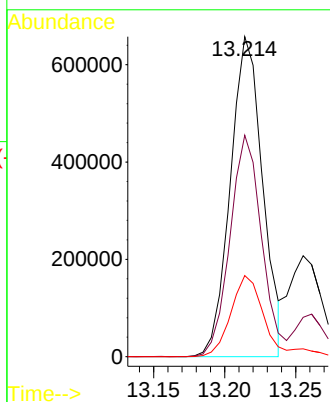
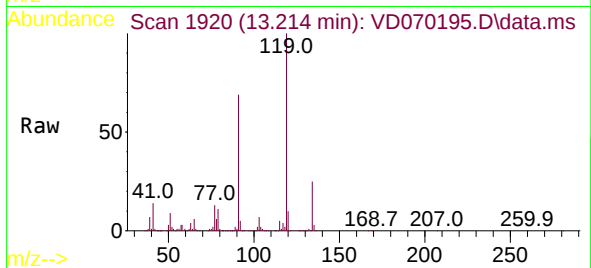




#83  
tert-Butylbenzene  
Concen: 52.243 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

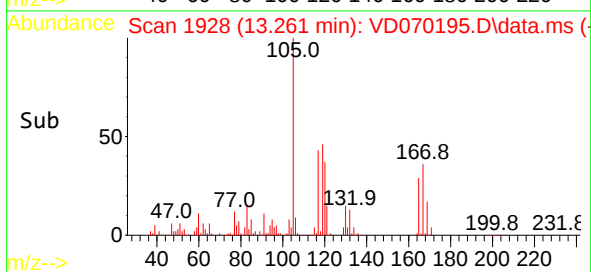
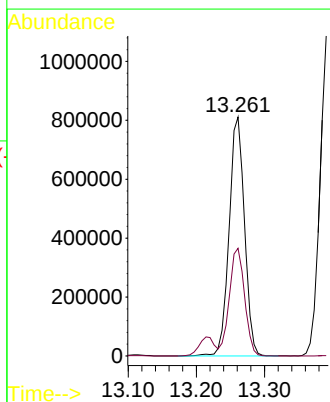
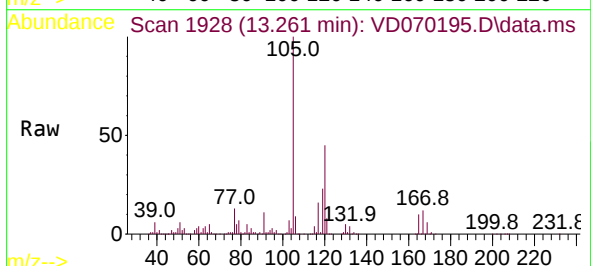
Instrument :  
MSVOA\_D  
ClientSampleId :

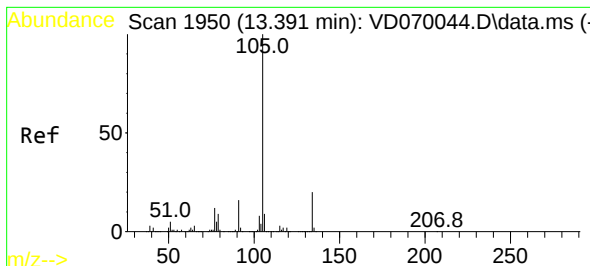
Tgt Ion:119 Resp: 1042136  
Ion Ratio Lower Upper  
119 100  
91 67.9 34.0 101.8  
134 26.8 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 52.302 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion:105 Resp: 1273295  
Ion Ratio Lower Upper  
105 100  
120 44.9 22.5 67.5

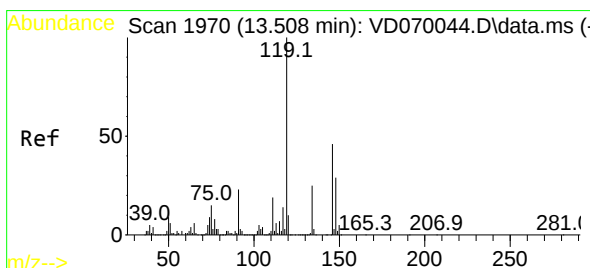
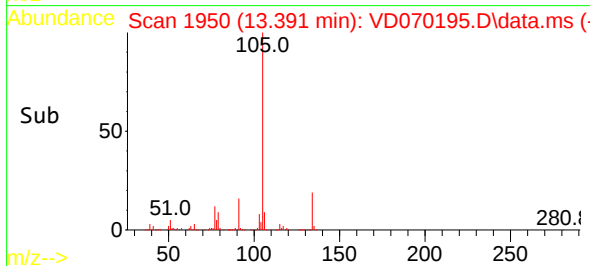
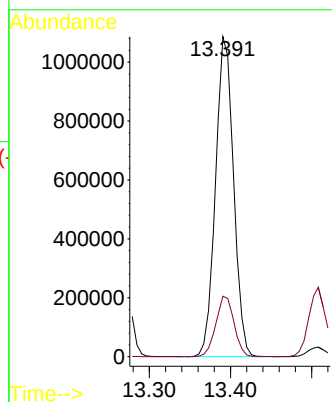
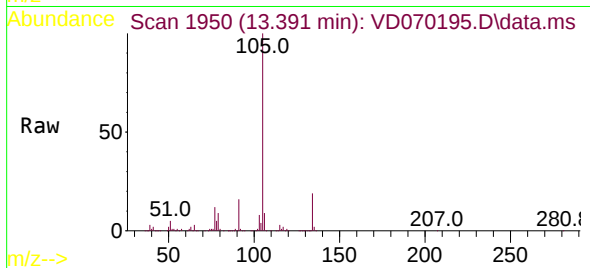




#85  
 sec-Butylbenzene  
 Concen: 52.452 ug/l  
 RT: 13.391 min Scan# 1950  
 Delta R.T. 0.000 min  
 Lab File: VD070195.D  
 Acq: 20 Aug 2021 11:31

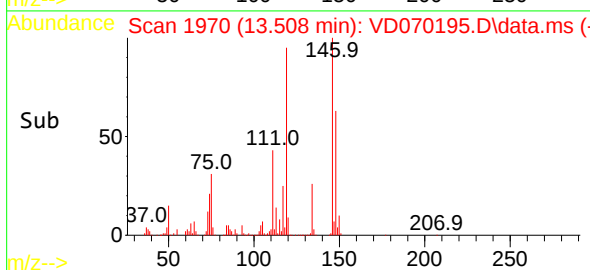
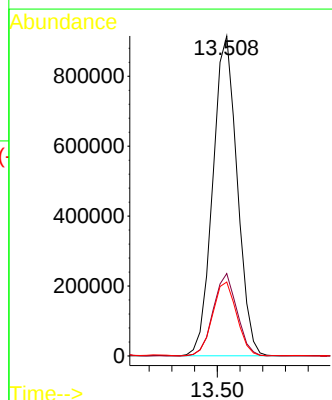
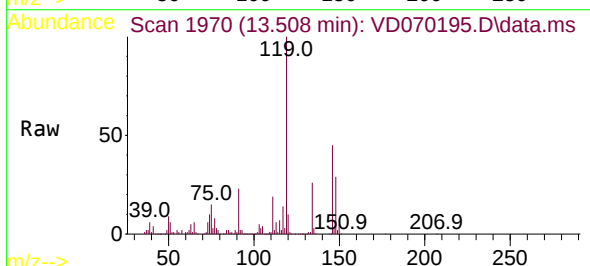
Instrument :  
 MSVOA\_D  
 ClientSampleId :

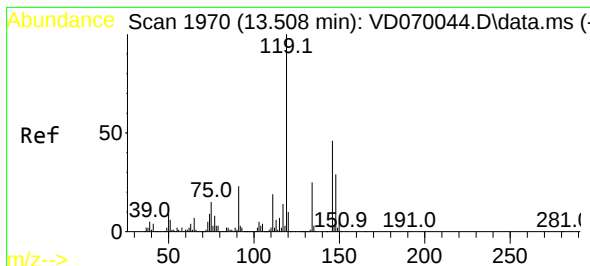
Tgt Ion:105 Resp: 1676363  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 52.784 ug/l  
 RT: 13.508 min Scan# 1970  
 Delta R.T. 0.000 min  
 Lab File: VD070195.D  
 Acq: 20 Aug 2021 11:31

Tgt Ion:119 Resp: 1362899  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 12.8 38.3  
 91 22.9 11.6 34.8

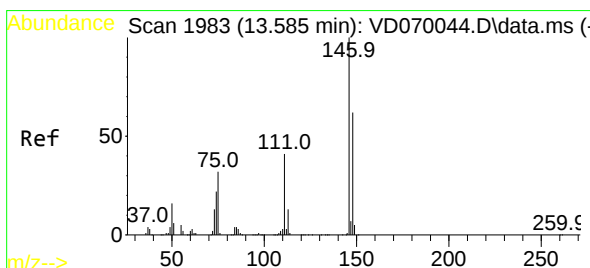
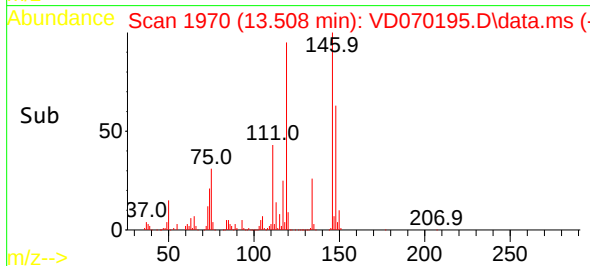
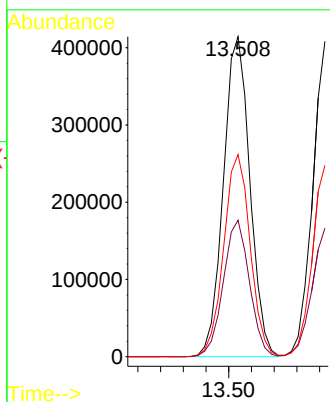
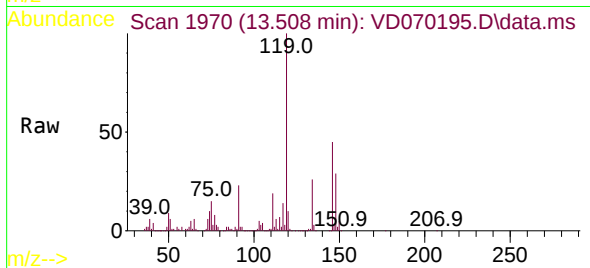




#87  
1,3-Dichlorobenzene  
Concen: 49.332 ug/l  
RT: 13.508 min Scan# 1970  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

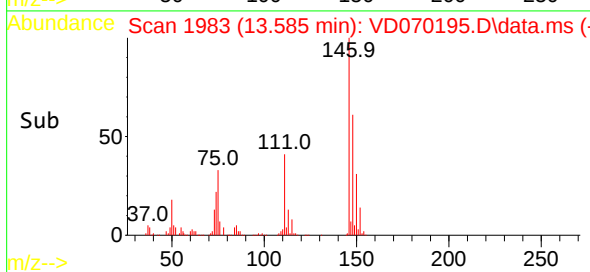
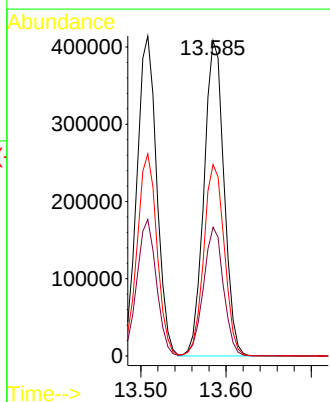
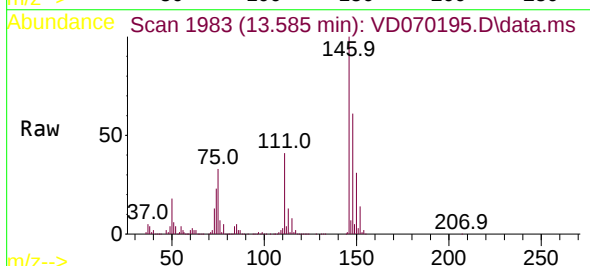
Instrument :  
MSVOA\_D  
ClientSampled :

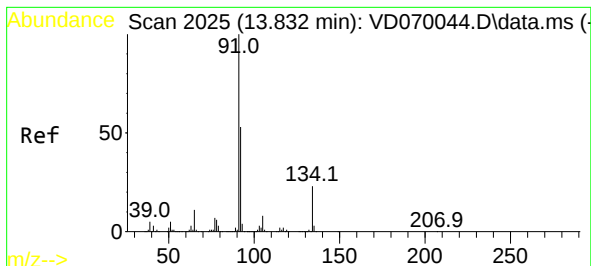
Tgt Ion:146 Resp: 670647  
Ion Ratio Lower Upper  
146 100  
111 42.1 21.3 64.0  
148 63.3 31.8 95.4



#88  
1,4-Dichlorobenzene  
Concen: 49.435 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion:146 Resp: 665658  
Ion Ratio Lower Upper  
146 100  
111 41.0 20.3 60.8  
148 62.5 31.3 93.9

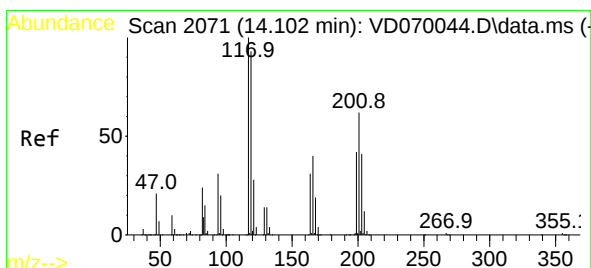
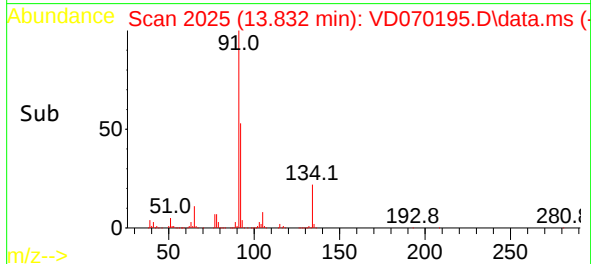
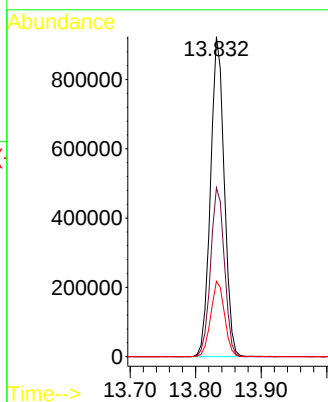
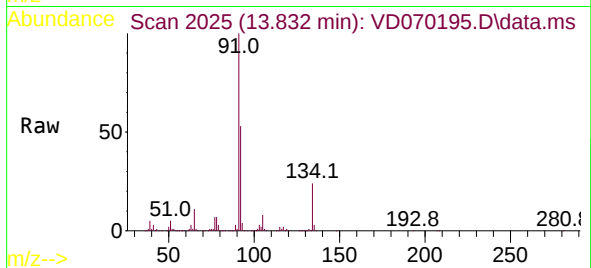




#89  
n-Butylbenzene  
Concen: 53.031 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

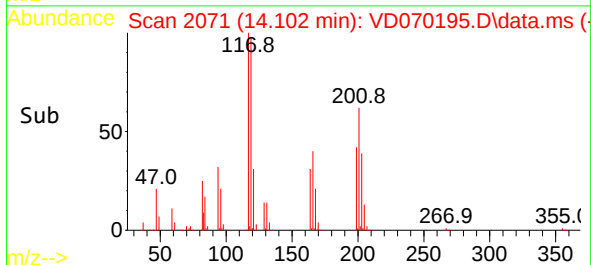
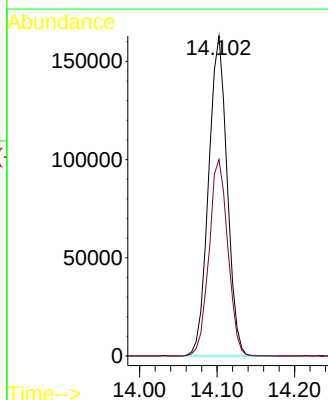
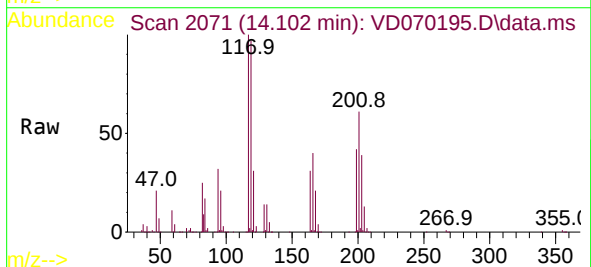
Instrument :  
MSVOA\_D  
ClientSampleId :

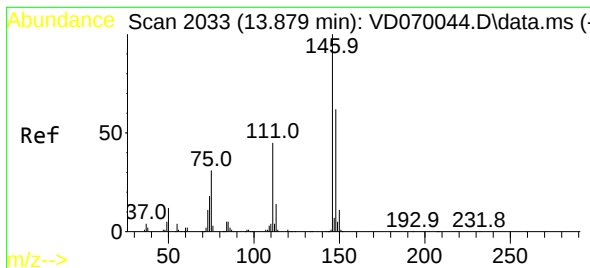
Tgt Ion: 91 Resp: 1343679  
Ion Ratio Lower Upper  
91 100  
92 53.3 27.1 81.3  
134 23.7 11.8 35.3



#90  
Hexachloroethane  
Concen: 49.897 ug/l  
RT: 14.102 min Scan# 2071  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 117 Resp: 271879  
Ion Ratio Lower Upper  
117 100  
201 62.2 31.6 95.0

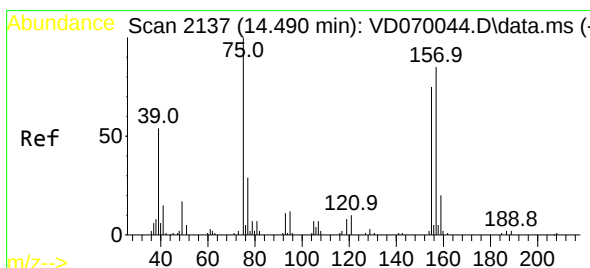
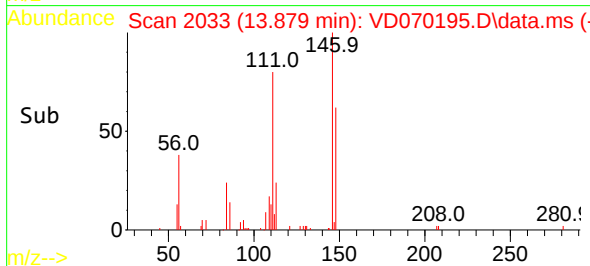
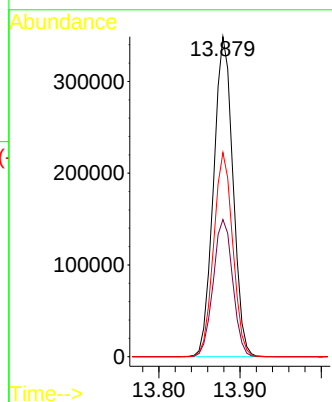
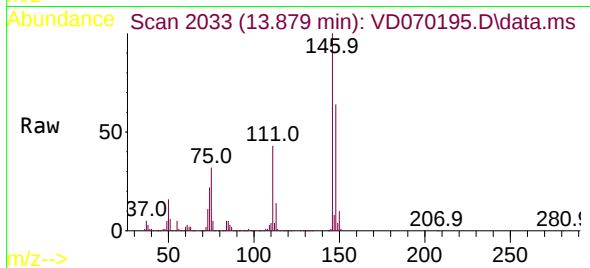




#91  
1,2-Dichlorobenzene  
Concen: 49.660 ug/l  
RT: 13.879 min Scan# 2033  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

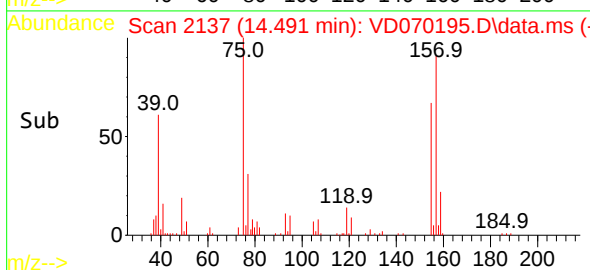
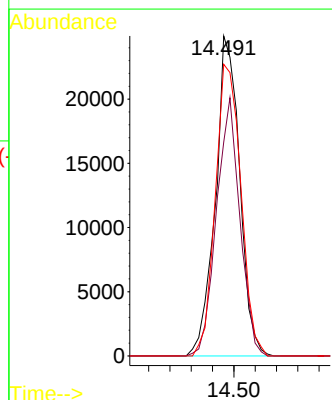
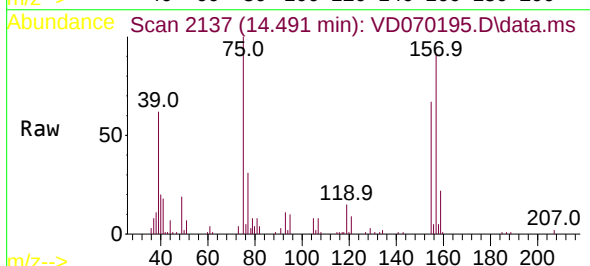
Instrument :  
MSVOA\_D  
ClientSampled :

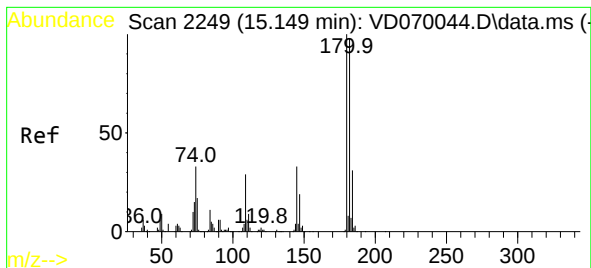
Tgt Ion:146 Resp: 578482  
Ion Ratio Lower Upper  
146 100  
111 43.0 22.4 67.2  
148 62.8 31.8 95.4



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 45.726 ug/l  
RT: 14.491 min Scan# 2137  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion: 75 Resp: 39286  
Ion Ratio Lower Upper  
75 100  
155 77.9 35.3 105.9  
157 96.1 46.8 140.3

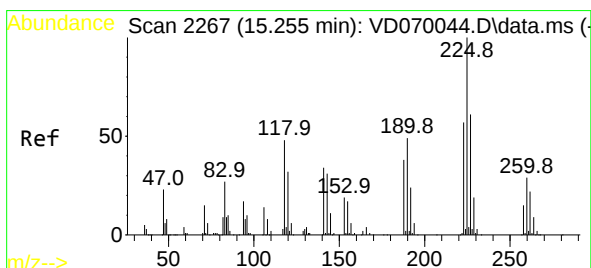
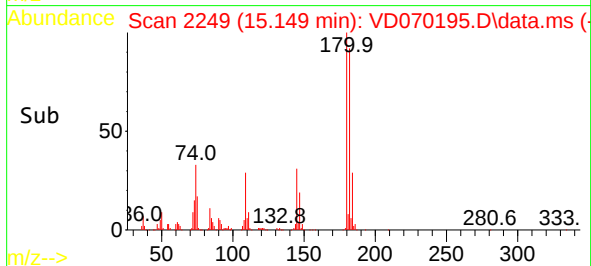
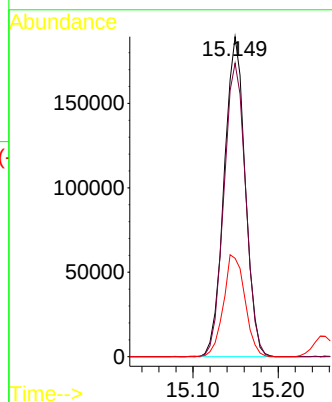
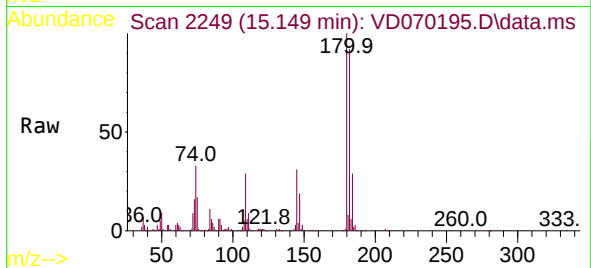




#93  
1,2,4-Trichlorobenzene  
Concen: 50.144 ug/l  
RT: 15.149 min Scan# 2249  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

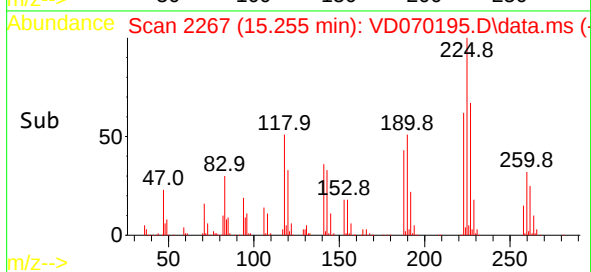
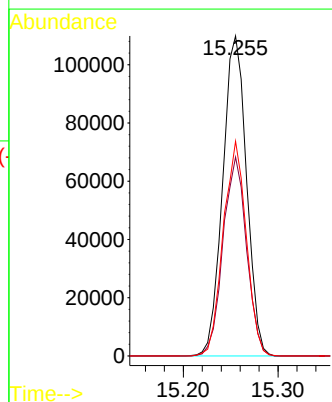
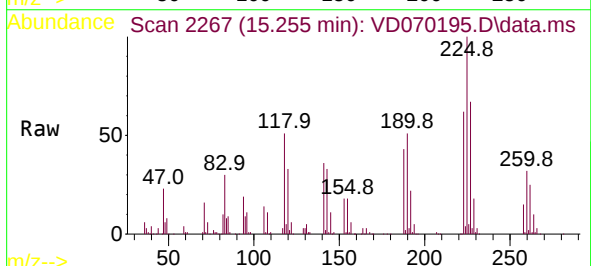
Instrument :  
MSVOA\_D  
ClientSampleId :

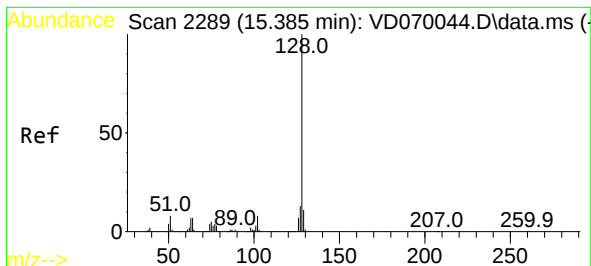
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 324833 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.7  | 47.9  | 143.6  |
| 145       | 32.5  | 16.3  | 48.9   |



#94  
Hexachlorobutadiene  
Concen: 50.131 ug/l  
RT: 15.255 min Scan# 2267  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 191832 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 61.3  | 30.5  | 91.5   |
| 227       | 65.0  | 31.4  | 94.2   |

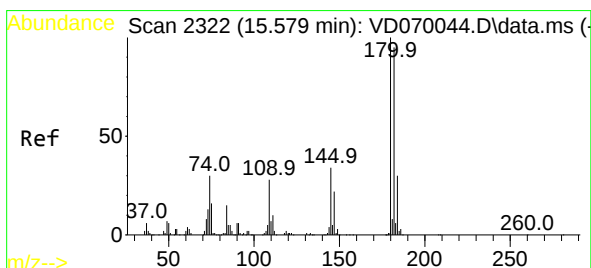
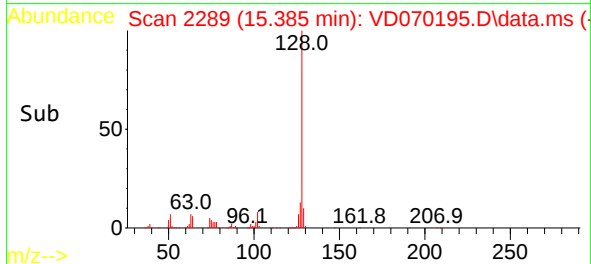
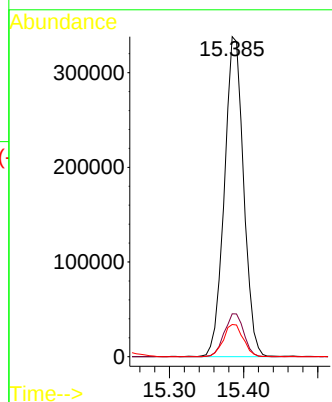
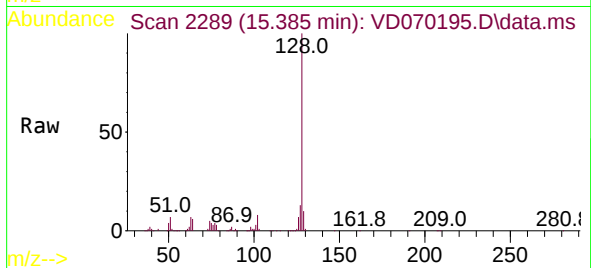




#95  
Naphthalene  
Concen: 51.615 ug/l  
RT: 15.385 min Scan# 2289  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:128 Resp: 608544  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.5 15.7  
129 10.4 8.3 12.5



#96  
1,2,3-Trichlorobenzene  
Concen: 49.858 ug/l  
RT: 15.579 min Scan# 2322  
Delta R.T. 0.000 min  
Lab File: VD070195.D  
Acq: 20 Aug 2021 11:31

Tgt Ion:180 Resp: 281936  
Ion Ratio Lower Upper  
180 100  
182 96.6 47.9 143.6  
145 35.1 16.8 50.3

