

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD101521\  
 Data File : VD070716.D  
 Acq On : 15 Oct 2021 14:03  
 Operator : VA/SY  
 Sample : VSTDICV050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 18 08:32:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101521S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 18 08:32:03 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.973  | 168  | 453248   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 755498   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 718184   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.561 | 152  | 345726   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 276367   | 51.480   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 102.960% |      |
| 35) Dibromofluoromethane    | 7.909  | 113   | 244268   | 50.495   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 100.980% |      |
| 50) Toluene-d8              | 10.332 | 98    | 963622   | 51.965   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 103.920% |      |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 333159   | 52.177   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 104.360% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 1.985 | 85  | 244184  | 46.080  | ug/l   | 98  |
| 3) Chloromethane             | 2.209 | 50  | 384249  | 48.868  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.344 | 62  | 384513  | 47.720  | ug/l   | 97  |
| 5) Bromomethane              | 2.762 | 94  | 248579  | 50.594  | ug/l   | 99  |
| 6) Chloroethane              | 2.915 | 64  | 240448  | 47.386  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.268 | 101 | 416577  | 45.731  | ug/l   | 95  |
| 8) Diethyl Ether             | 3.709 | 74  | 126734  | 52.219  | ug/l   | 75  |
| 9) 1,1,2-Trichlorotrifluo... | 4.097 | 101 | 253645  | 46.551  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.297 | 142 | 227579  | 40.910  | ug/l   | 100 |
| 11) Tert butyl alcohol       | 5.226 | 59  | 77214   | 256.929 | ug/l # | 88  |
| 12) 1,1-Dichloroethene       | 4.068 | 96  | 239660  | 48.644  | ug/l   | 93  |
| 13) Acrolein                 | 3.915 | 56  | 68216   | 234.523 | ug/l   | 98  |
| 14) Allyl chloride           | 4.709 | 41  | 478114  | 51.269  | ug/l # | 91  |
| 15) Acrylonitrile            | 5.420 | 53  | 343785  | 269.015 | ug/l   | 99  |
| 16) Acetone                  | 4.156 | 43  | 305080  | 235.615 | ug/l   | 89  |
| 17) Carbon Disulfide         | 4.403 | 76  | 887834  | 49.455  | ug/l   | 96  |
| 18) Methyl Acetate           | 4.715 | 43  | 228451  | 50.758  | ug/l # | 86  |
| 19) Methyl tert-butyl Ether  | 5.473 | 73  | 590886  | 55.474  | ug/l   | 97  |
| 20) Methylene Chloride       | 4.956 | 84  | 332858  | 51.293  | ug/l   | 90  |
| 21) trans-1,2-Dichloroethene | 5.468 | 96  | 294773  | 52.154  | ug/l   | 91  |
| 22) Diisopropyl ether        | 6.362 | 45  | 1009846 | 55.618  | ug/l # | 95  |
| 23) Vinyl Acetate            | 6.303 | 43  | 2469492 | 256.231 | ug/l # | 92  |
| 24) 1,1-Dichloroethane       | 6.262 | 63  | 560156  | 49.522  | ug/l   | 97  |
| 25) 2-Butanone               | 7.209 | 43  | 421133  | 263.273 | ug/l # | 85  |
| 26) 2,2-Dichloropropane      | 7.203 | 77  | 429791  | 48.041  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 7.209 | 96  | 307859  | 50.796  | ug/l   | 90  |
| 28) Bromochloromethane       | 7.544 | 49  | 218897  | 48.677  | ug/l   | 84  |
| 29) Tetrahydrofuran          | 7.556 | 42  | 280978  | 286.936 | ug/l # | 84  |
| 30) Chloroform               | 7.709 | 83  | 537113  | 48.602  | ug/l   | 96  |
| 31) Cyclohexane              | 7.985 | 56  | 516541  | 47.559  | ug/l   | 86  |
| 32) 1,1,1-Trichloroethane    | 7.897 | 97  | 449536  | 47.950  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 8.109 | 75  | 412481  | 49.010  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.285 | 43  | 191394  | 54.890  | ug/l # | 93  |
| 38) Carbon Tetrachloride     | 8.091 | 117 | 381816  | 47.365  | ug/l   | 96  |
| 39) Methylcyclohexane        | 9.350 | 83  | 473280  | 49.865  | ug/l # | 89  |
| 40) Benzene                  | 8.350 | 78  | 1207265 | 49.807  | ug/l   | 97  |

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 Sample : VSTDICV050  
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 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 18 08:32:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101521S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 18 08:32:03 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.520  | 41   | 91825    | 42.081   | ug/l   | 88       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 348424   | 50.648   | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.444  | 43   | 360347   | 54.177   | ug/l # | 90       |
| 44) Trichloroethene           | 9.109  | 130  | 277287   | 48.715   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 324108   | 50.608   | ug/l   | 99       |
| 46) Dibromomethane            | 9.467  | 93   | 154636   | 50.422   | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.656  | 83   | 397597   | 48.871   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.450  | 41   | 181026   | 55.559   | ug/l   | 86       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 35080    | 1065.281 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 974162   | 277.869  | ug/l   | 90       |
| 52) Toluene                   | 10.397 | 92   | 740720   | 51.328   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 368350   | 50.688   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 436617   | 50.190   | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.791 | 97   | 212678   | 50.494   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.656 | 69   | 283095   | 49.452   | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 382135   | 51.135   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 608332   | 274.217  | ug/l   | 94       |
| 59) 2-Hexanone                | 10.979 | 43   | 672753   | 272.630  | ug/l   | 89       |
| 60) Dibromochloromethane      | 11.132 | 129  | 245918   | 50.801   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 197523   | 51.255   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.867 | 164  | 225869   | 46.803   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.661 | 112  | 721230   | 48.967   | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 11.732 | 131  | 267994   | 49.175   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.738 | 91   | 1377935  | 51.166   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.844 | 106  | 1051879  | 103.100  | ug/l   | 95       |
| 69) o-Xylene                  | 12.173 | 106  | 474230   | 51.239   | ug/l   | 94       |
| 70) Styrene                   | 12.185 | 104  | 866654   | 53.870   | ug/l   | 98       |
| 71) Bromoform                 | 12.350 | 173  | 141044   | 49.841   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.467 | 105  | 1272937  | 51.674   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.279 | 43   | 346238   | 53.989   | ug/l # | 89       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 248224   | 50.939   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 326842   | 109.424  | ug/l # | 100      |
| 77) Bromobenzene              | 12.749 | 156  | 283073   | 50.758   | ug/l   | 97       |
| 78) n-propylbenzene           | 12.808 | 91   | 1635550  | 51.080   | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.897 | 91   | 933310   | 50.436   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.950 | 105  | 1088661  | 52.279   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 70370    | 51.602   | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 12.997 | 91   | 986357   | 50.391   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 881848   | 51.241   | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 1095028  | 52.886   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.391 | 105  | 1374766  | 50.832   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 1125232  | 51.749   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 576590   | 49.235   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 574383   | 49.668   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.826 | 91   | 1103878  | 50.305   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.096 | 117  | 222294   | 47.377   | ug/l   | 90       |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 507370   | 50.691   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.491 | 75   | 38165    | 49.104   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.144 | 180  | 294523   | 51.441   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 179168   | 47.722   | ug/l   | 99       |
| 95) Naphthalene               | 15.379 | 128  | 533216   | 47.868   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 259597   | 51.030   | ug/l   | 98       |

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Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Oct 18 08:32:38 2021  
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Quant Title : SW846 8260  
QLast Update : Mon Oct 18 08:32:03 2021  
Response via : Initial Calibration

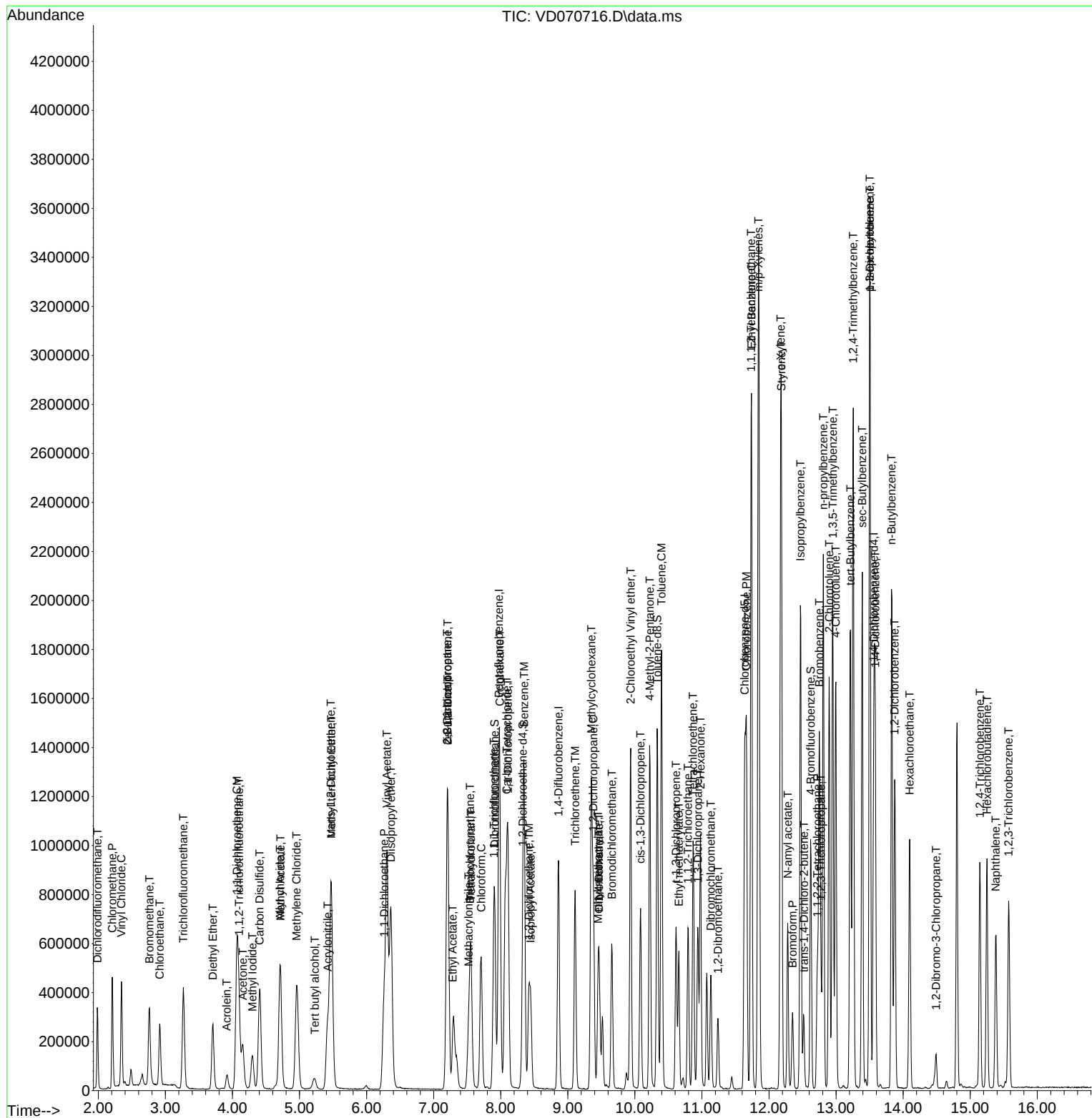
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

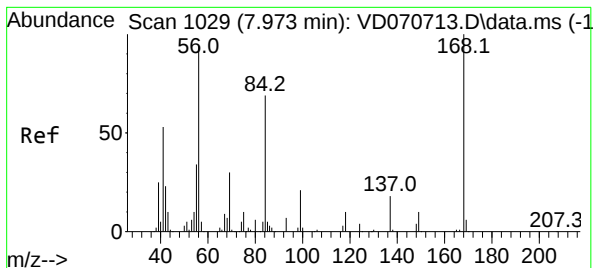
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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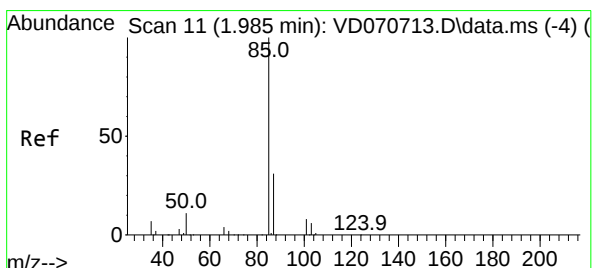
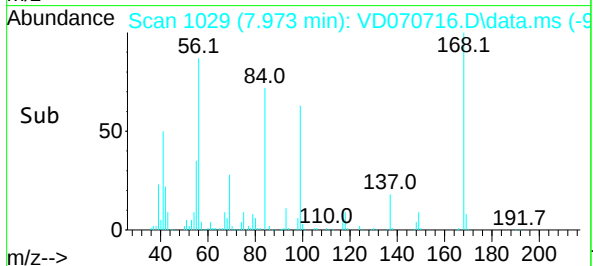
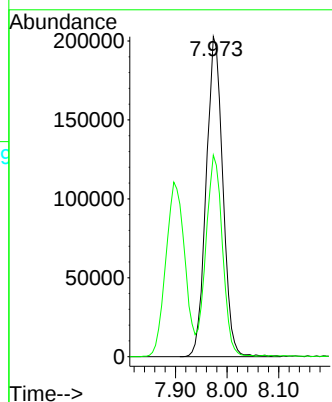
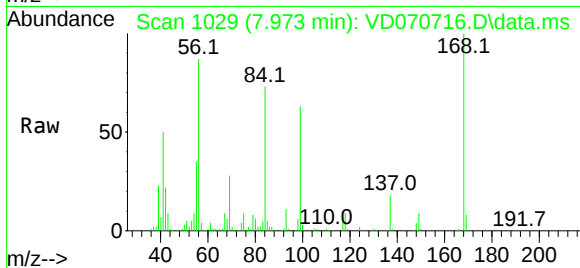




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

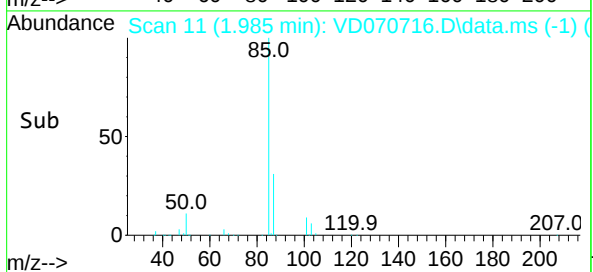
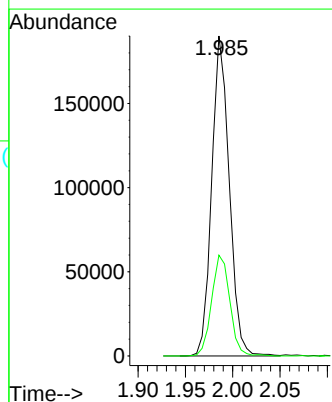
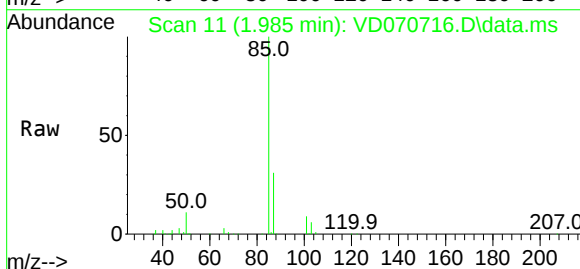
Instrument :  
MSVOA\_D  
ClientSampled :

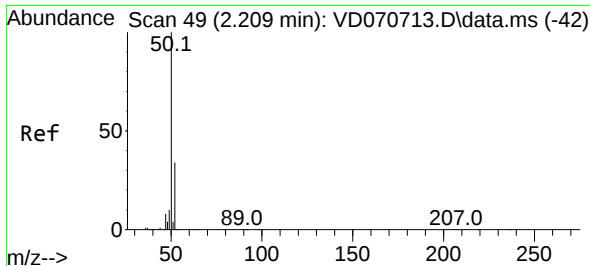
Tgt Ion:168 Resp: 453248  
Ion Ratio Lower Upper  
168 100  
99 62.7 51.4 77.0



#2  
Dichlorodifluoromethane  
Concen: 46.080 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 85 Resp: 244184  
Ion Ratio Lower Upper  
85 100  
87 31.5 16.4 49.2

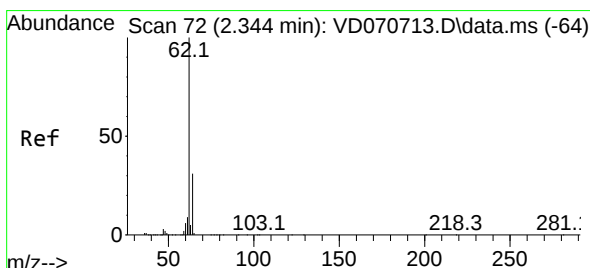
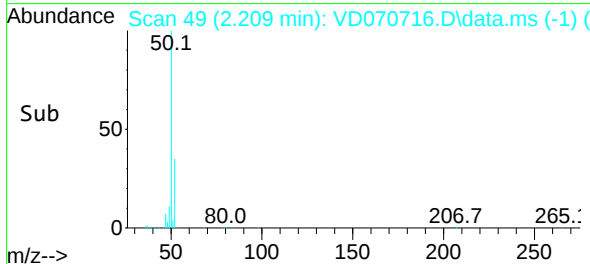
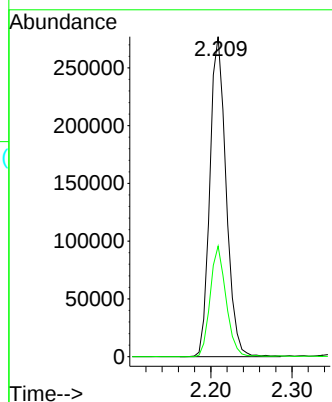
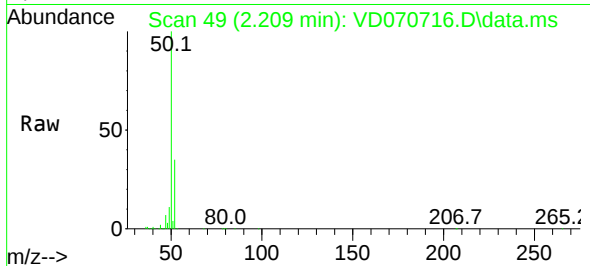




#3  
Chloromethane  
Concen: 48.868 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

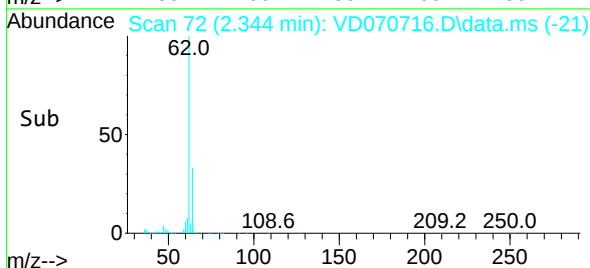
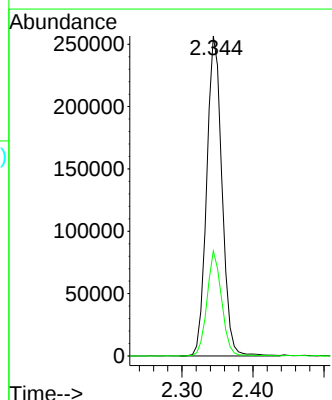
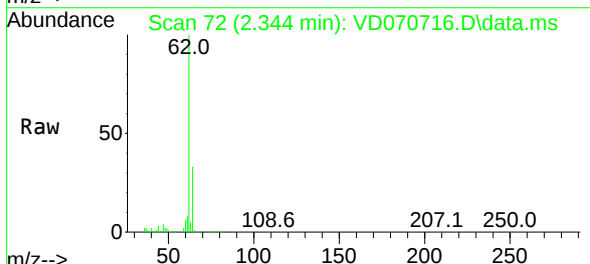
Instrument :  
MSVOA\_D  
ClientSampled :

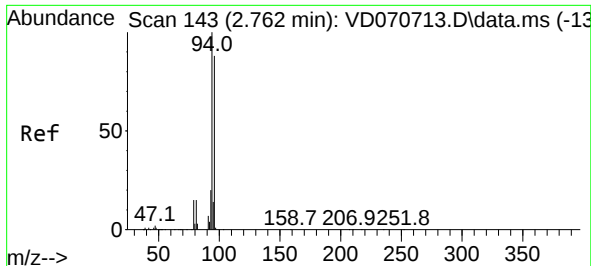
Tgt Ion: 50 Resp: 384249  
Ion Ratio Lower Upper  
50 100  
52 34.6 26.0 39.0



#4  
Vinyl Chloride  
Concen: 47.720 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 62 Resp: 384513  
Ion Ratio Lower Upper  
62 100  
64 32.8 24.9 37.3

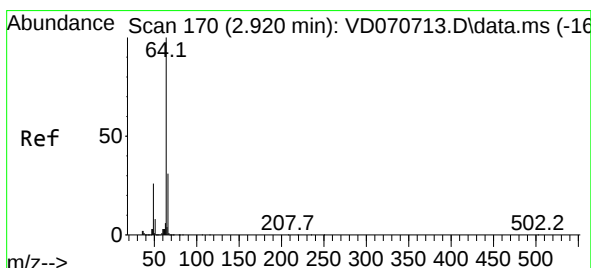
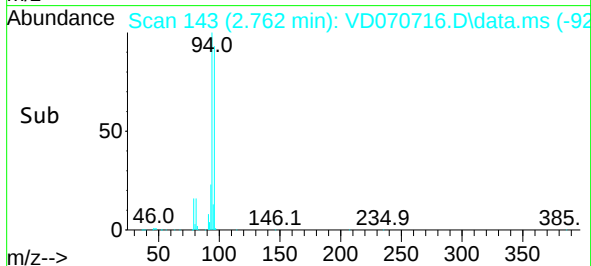
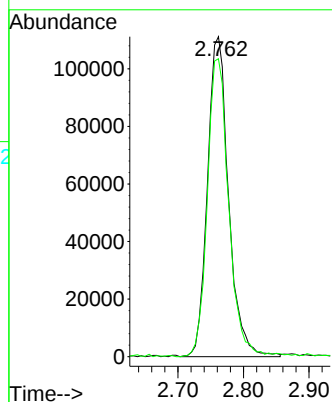
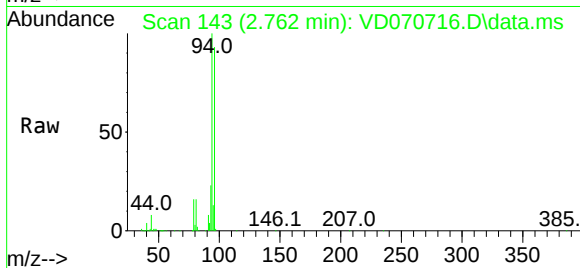




#5  
Bromomethane  
Concen: 50.594 ug/l  
RT: 2.762 min Scan# 143  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

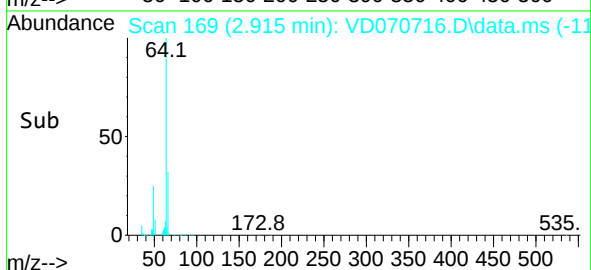
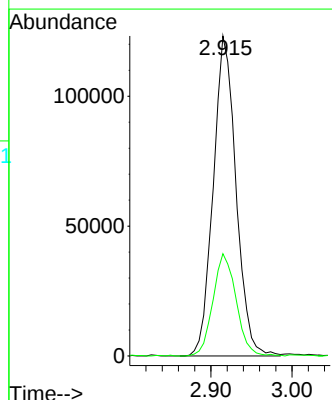
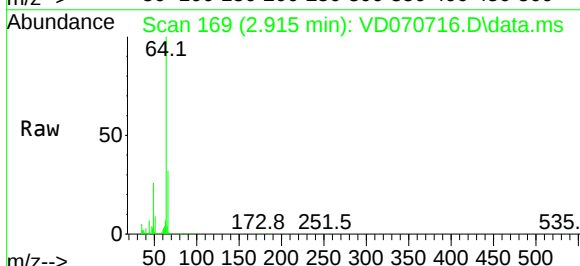
Instrument :  
MSVOA\_D  
ClientSampled :

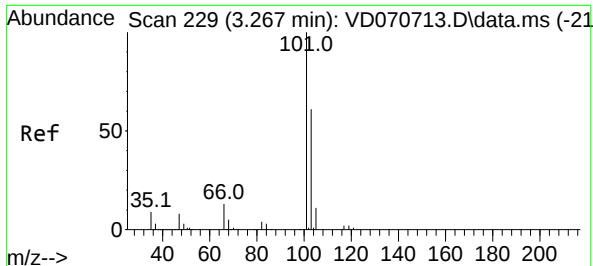
Tgt Ion: 94 Resp: 248579  
Ion Ratio Lower Upper  
94 100  
96 93.1 75.5 113.3



#6  
Chloroethane  
Concen: 47.386 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 64 Resp: 240448  
Ion Ratio Lower Upper  
64 100  
66 32.0 26.6 40.0

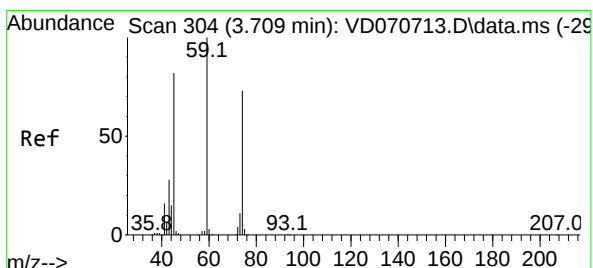
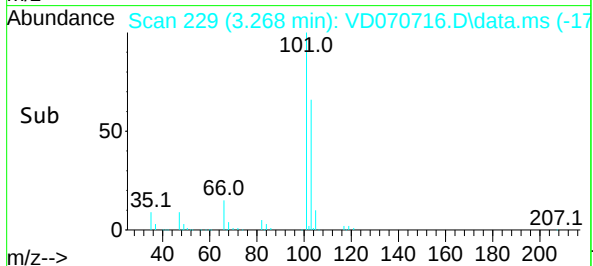
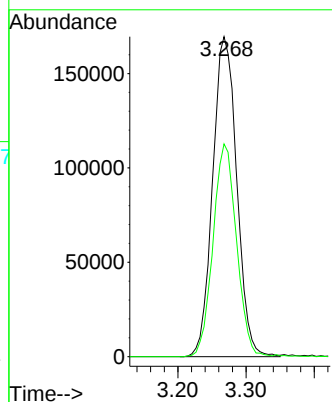
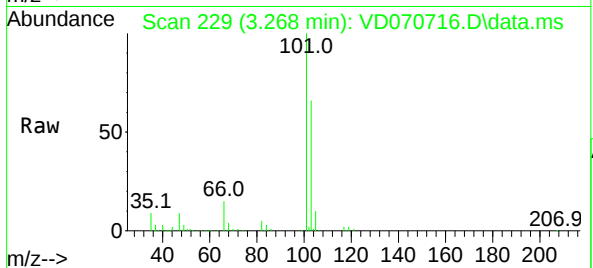




#7  
Trichlorofluoromethane  
Concen: 45.731 ug/l  
RT: 3.268 min Scan# 229  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

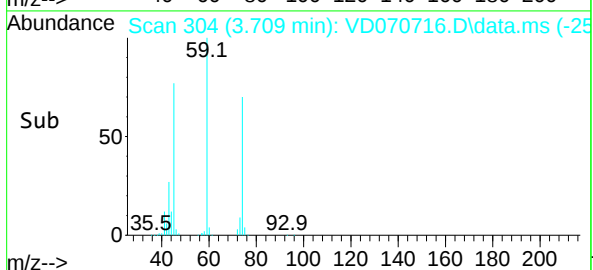
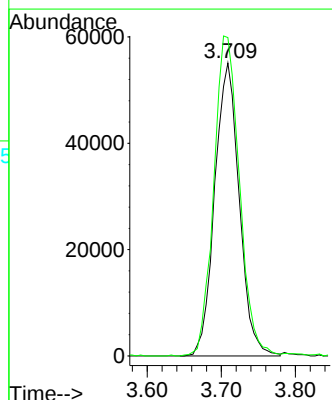
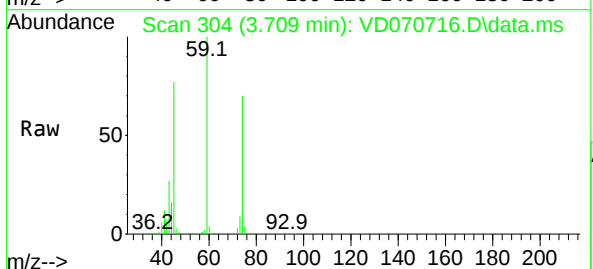
Instrument :  
MSVOA\_D  
ClientSampleId :

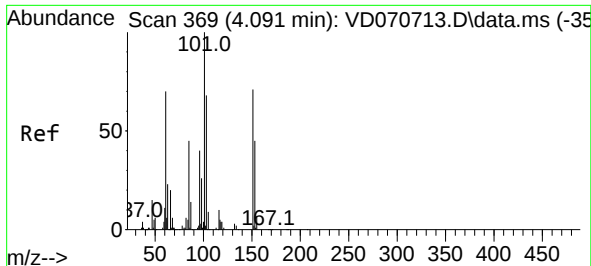
Tgt Ion:101 Resp: 416577  
Ion Ratio Lower Upper  
101 100  
103 66.5 50.1 75.1



#8  
Diethyl Ether  
Concen: 52.219 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 74 Resp: 126734  
Ion Ratio Lower Upper  
74 100  
45 114.3 45.1 135.5

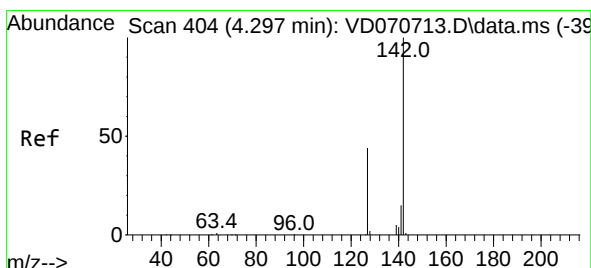
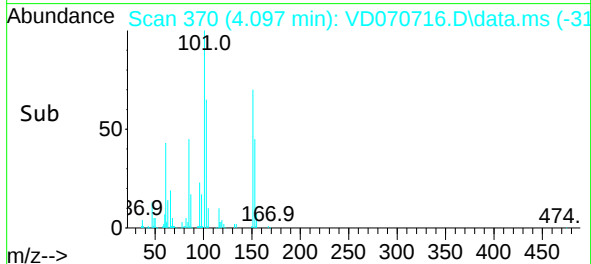
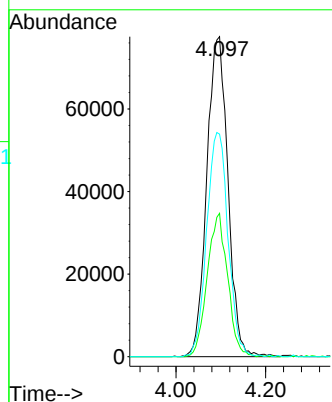
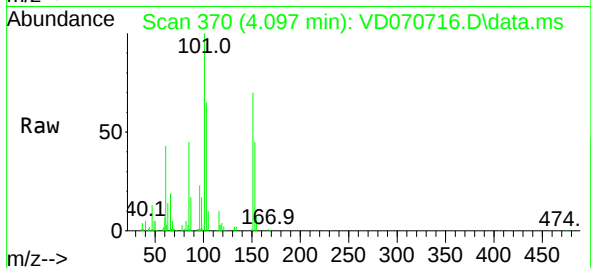




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.551 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. 0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

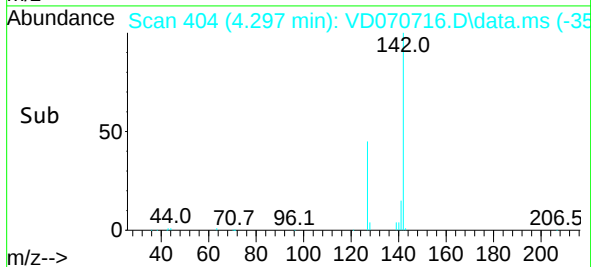
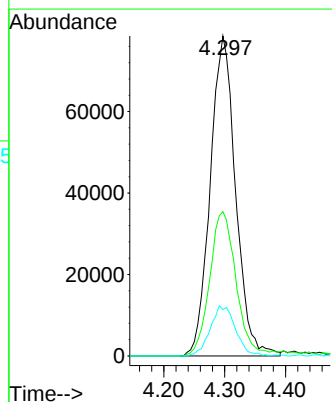
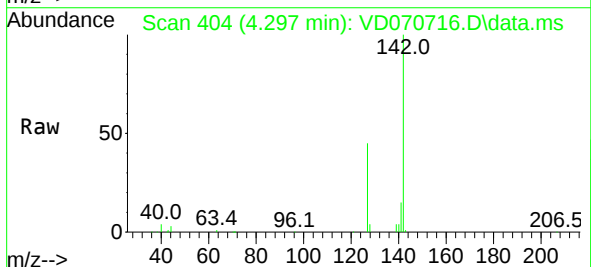
Instrument :  
MSVOA\_D  
ClientSampleId :

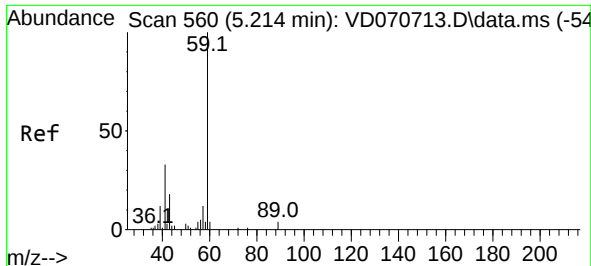
Tgt Ion:101 Resp: 253645  
Ion Ratio Lower Upper  
101 100  
85 43.1 35.5 53.3  
151 70.9 55.8 83.8



#10  
Methyl Iodide  
Concen: 40.910 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

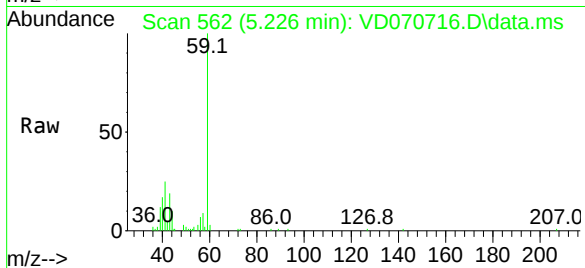
Tgt Ion:142 Resp: 227579  
Ion Ratio Lower Upper  
142 100  
127 46.9 37.5 56.3  
141 15.6 12.1 18.1



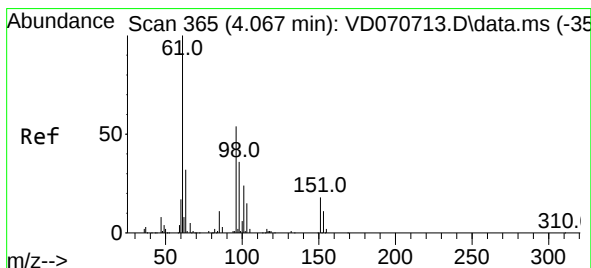
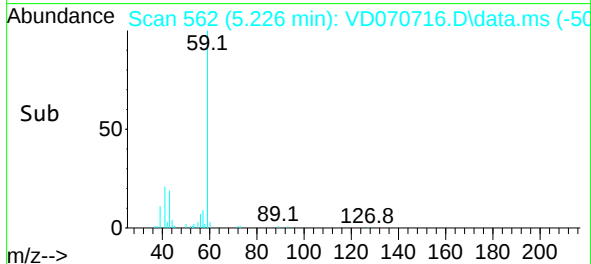
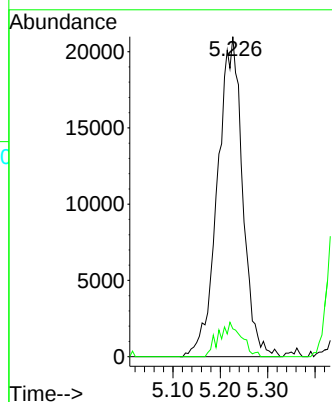


#11  
Tert butyl alcohol  
Concen: 256.929 ug/l  
RT: 5.226 min Scan# 562  
Delta R.T. 0.012 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Instrument :  
MSVOA\_D  
ClientSampled :

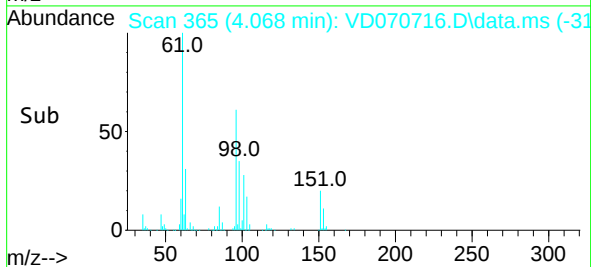
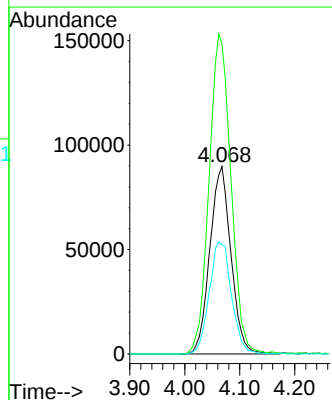
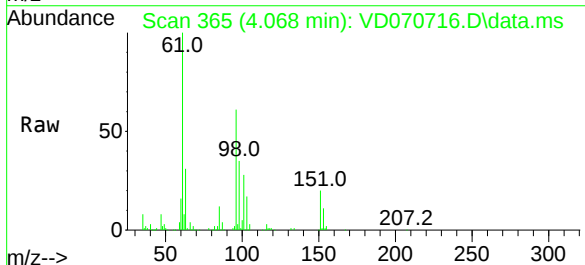


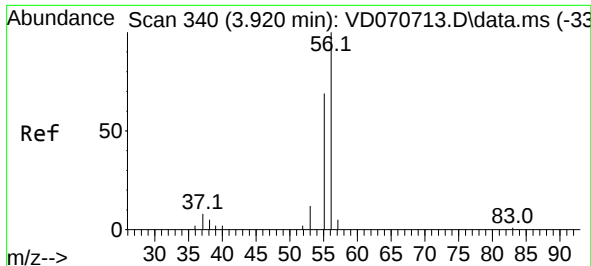
Tgt Ion: 59 Resp: 77214  
Ion Ratio Lower Upper  
59 100  
57 9.6 4.5 6.7#



#12  
1,1-Dichloroethene  
Concen: 48.644 ug/l  
RT: 4.068 min Scan# 365  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

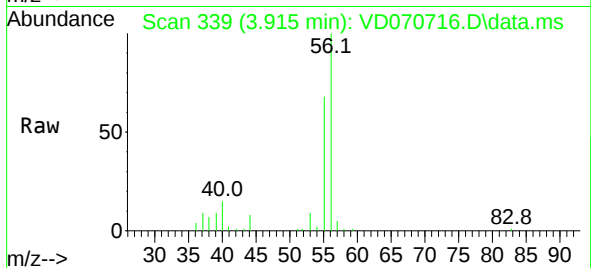
Tgt Ion: 96 Resp: 239660  
Ion Ratio Lower Upper  
96 100  
61 165.2 125.9 188.9  
98 58.2 52.3 78.5



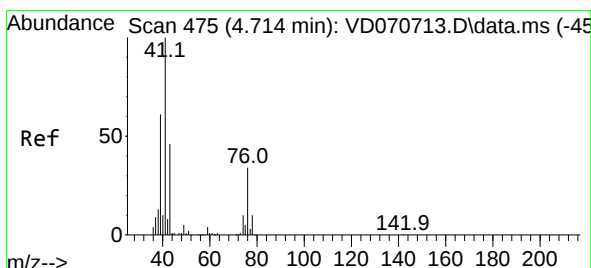
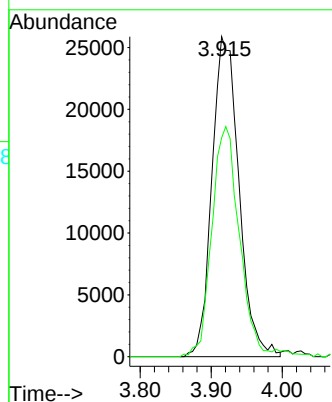
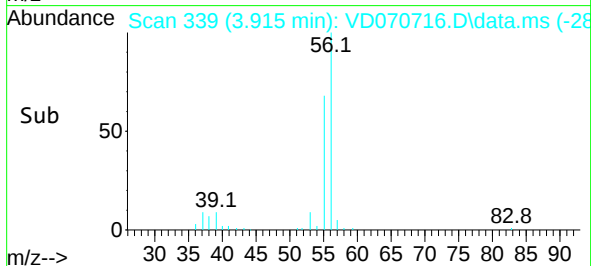


#13  
Acrolein  
Concen: 234.523 ug/l  
RT: 3.915 min Scan# 339  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

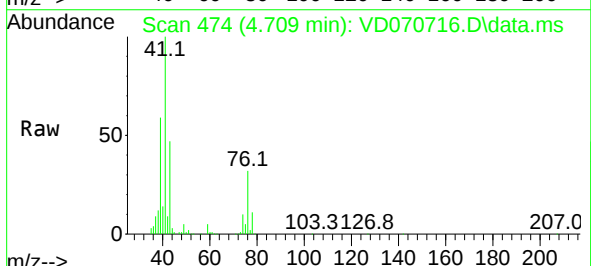
Instrument :  
MSVOA\_D  
ClientSampleId :



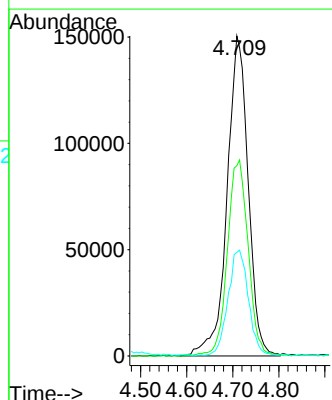
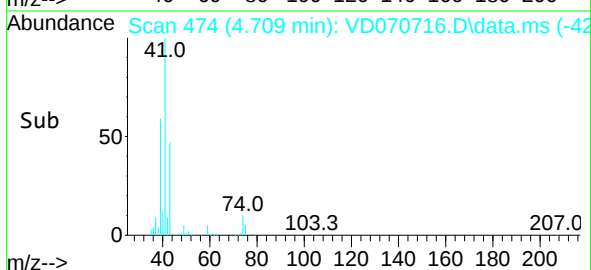
Tgt Ion: 56 Resp: 68216  
Ion Ratio Lower Upper  
56 100  
55 72.7 56.8 85.2

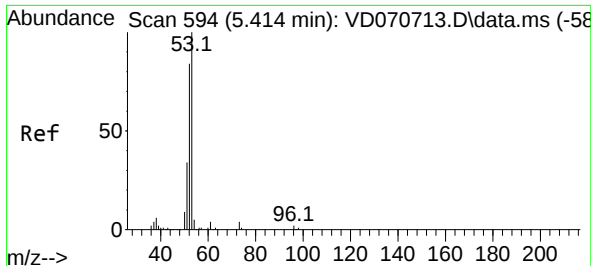


#14  
Allyl chloride  
Concen: 51.269 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03



Tgt Ion: 41 Resp: 478114  
Ion Ratio Lower Upper  
41 100  
39 60.3 46.4 69.6  
76 32.2 34.6 51.8#

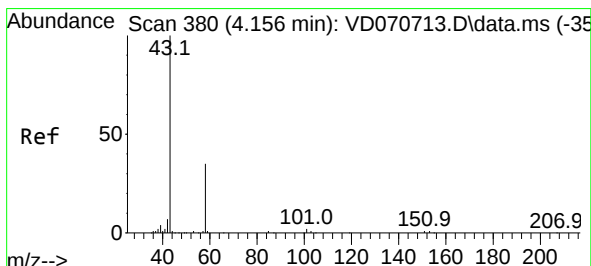
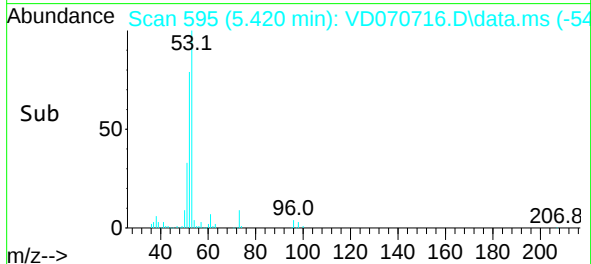
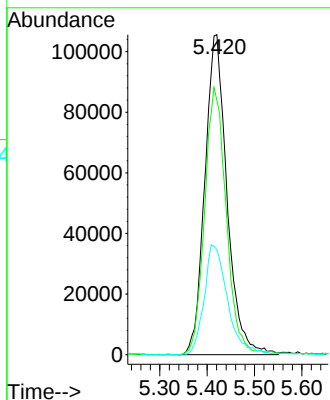
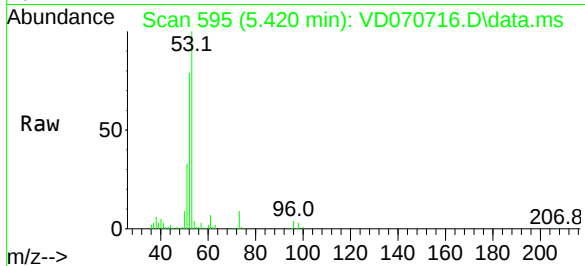




#15  
Acrylonitrile  
Concen: 269.015 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. 0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

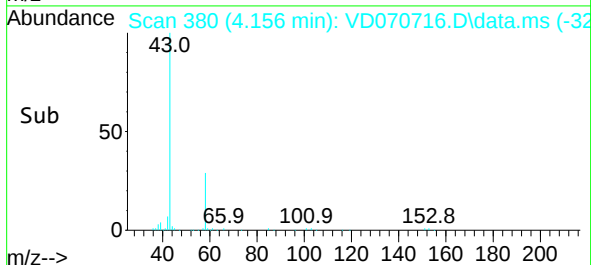
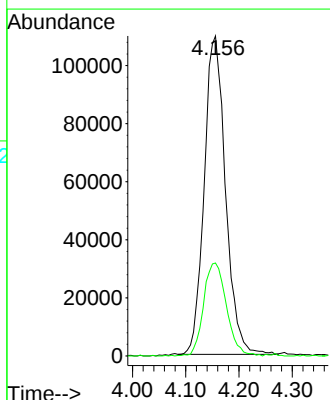
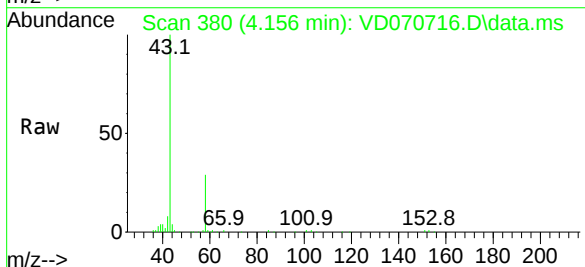
Instrument :  
MSVOA\_D  
ClientSampled :

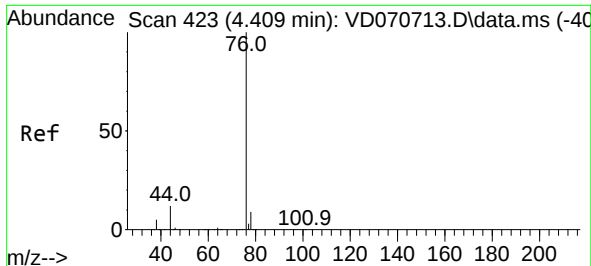
Tgt Ion: 53 Resp: 343785  
Ion Ratio Lower Upper  
53 100  
52 81.3 64.6 97.0  
51 36.3 28.7 43.1



#16  
Acetone  
Concen: 235.615 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 43 Resp: 305080  
Ion Ratio Lower Upper  
43 100  
58 29.0 28.2 42.2

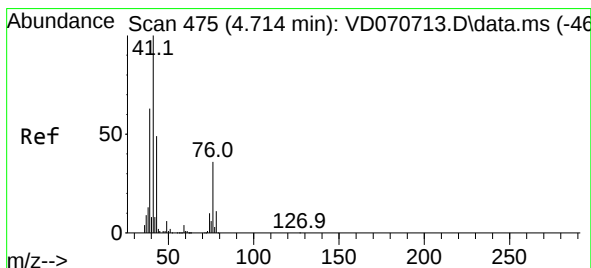
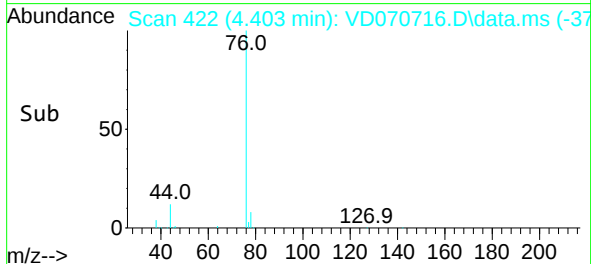
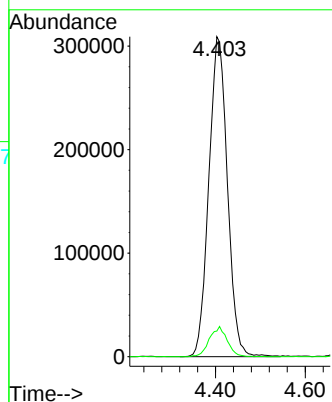
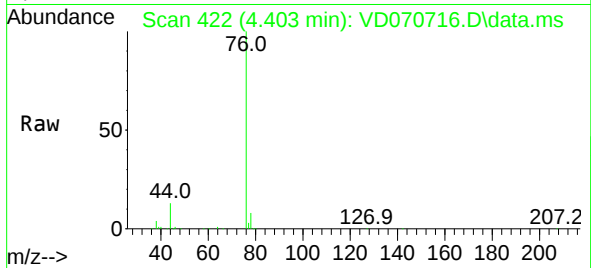




#17  
Carbon Disulfide  
Concen: 49.455 ug/l  
RT: 4.403 min Scan# 422  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

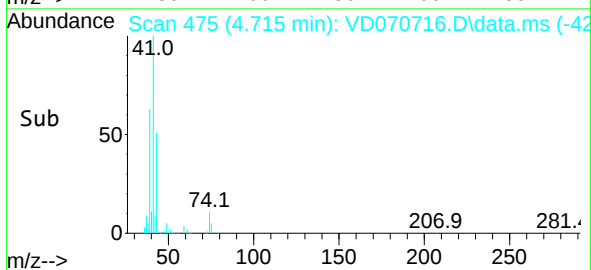
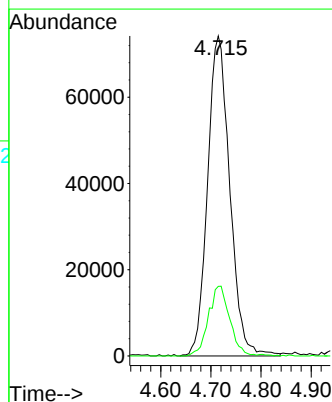
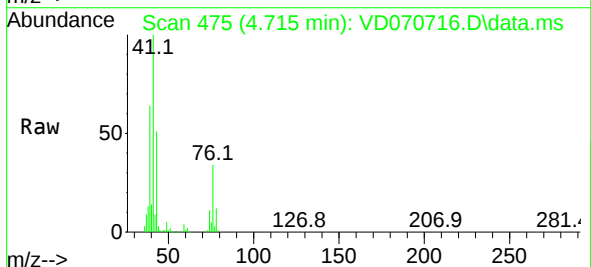
Instrument :  
MSVOA\_D  
ClientSampleId :

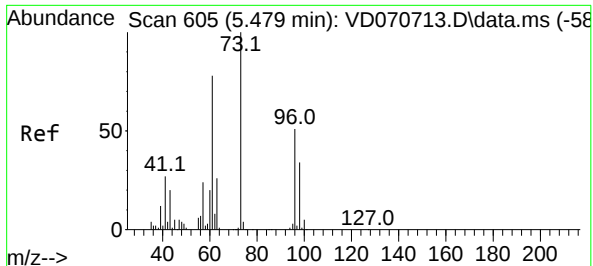
Tgt Ion: 76 Resp: 887834  
Ion Ratio Lower Upper  
76 100  
78 8.0 7.4 11.2



#18  
Methyl Acetate  
Concen: 50.758 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 43 Resp: 228451  
Ion Ratio Lower Upper  
43 100  
74 20.9 22.6 33.8#



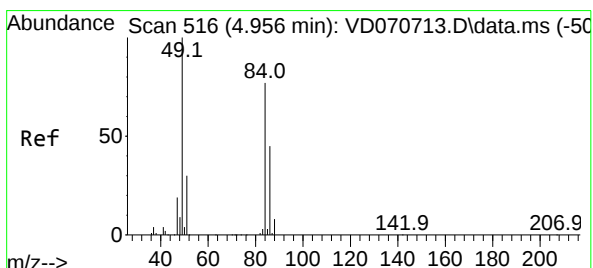
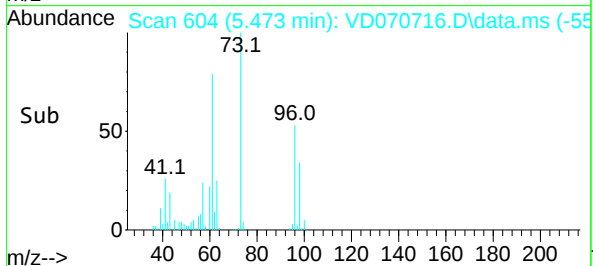
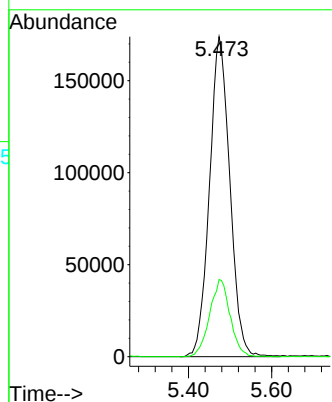
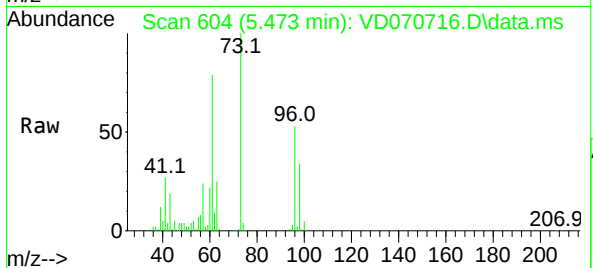


#19

Methyl tert-butyl Ether  
 Concen: 55.474 ug/l  
 RT: 5.473 min Scan# 604  
 Delta R.T. -0.006 min  
 Lab File: VD070716.D  
 Acq: 15 Oct 2021 14:03

Instrument :  
 MSVOA\_D  
 ClientSampleId :

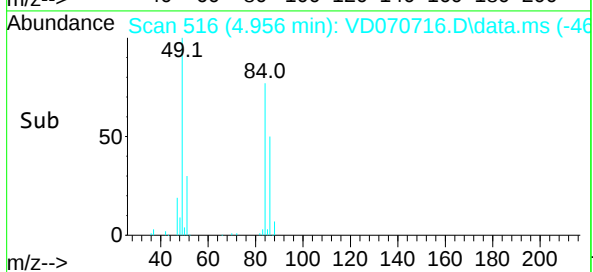
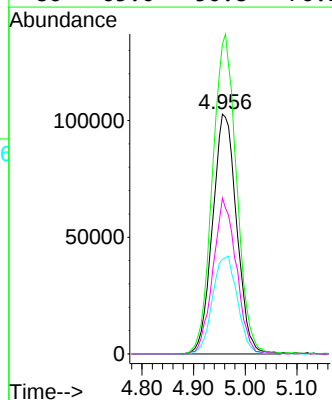
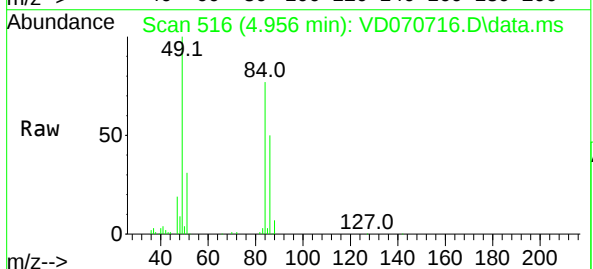
Tgt Ion: 73 Resp: 590886  
 Ion Ratio Lower Upper  
 73 100  
 57 24.1 18.1 27.1

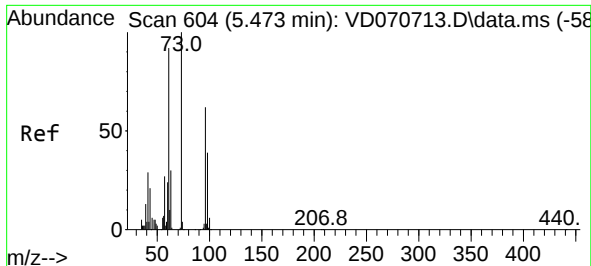


#20

Methylene Chloride  
 Concen: 51.293 ug/l  
 RT: 4.956 min Scan# 516  
 Delta R.T. -0.000 min  
 Lab File: VD070716.D  
 Acq: 15 Oct 2021 14:03

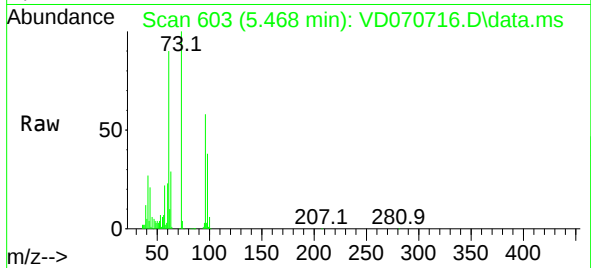
Tgt Ion: 84 Resp: 332858  
 Ion Ratio Lower Upper  
 84 100  
 49 129.2 91.4 137.2  
 51 39.4 26.7 40.1  
 86 65.0 50.8 76.2



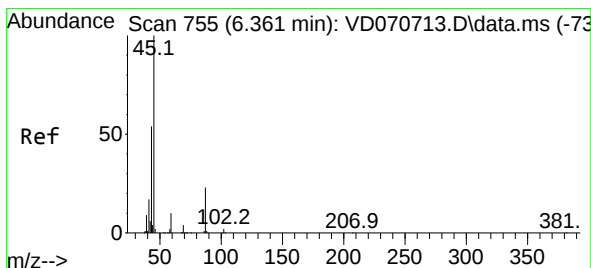
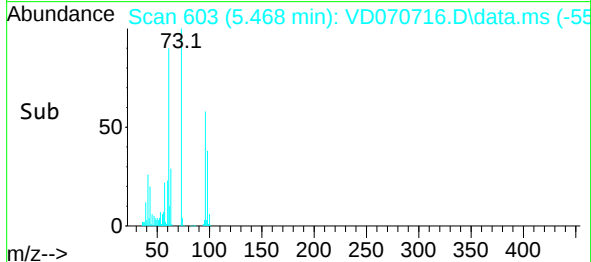
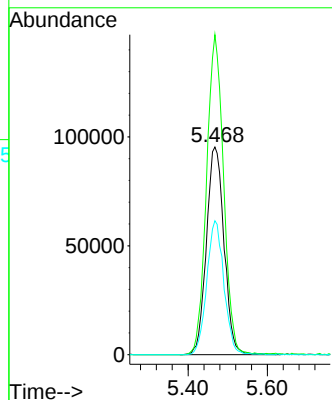


#21  
trans-1,2-Dichloroethene  
Concen: 52.154 ug/l  
RT: 5.468 min Scan# 603  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Instrument :  
MSVOA\_D  
ClientSampleId :

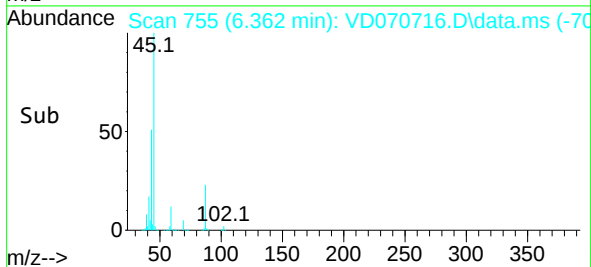
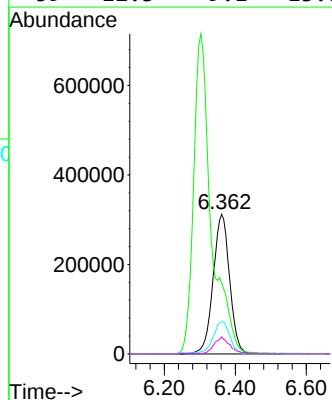
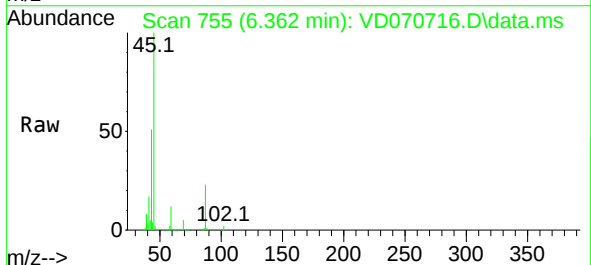


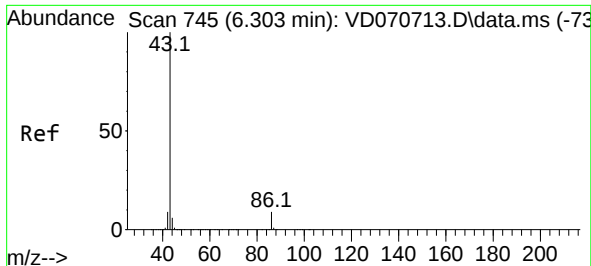
Tgt Ion: 96 Resp: 294773  
Ion Ratio Lower Upper  
96 100  
61 154.1 111.1 166.7  
98 64.5 51.9 77.9



#22  
Diisopropyl ether  
Concen: 55.618 ug/l  
RT: 6.362 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 45 Resp: 1009846  
Ion Ratio Lower Upper  
45 100  
43 50.6 40.6 61.0  
87 23.0 24.6 37.0#  
59 12.3 9.1 13.7

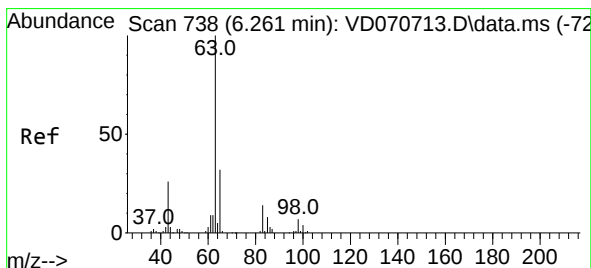
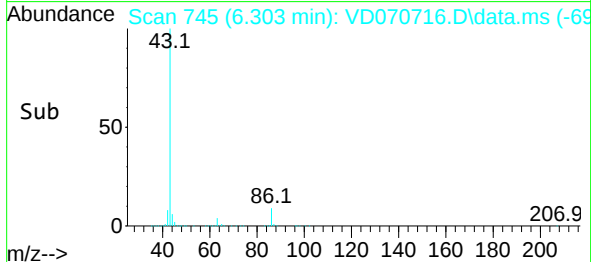
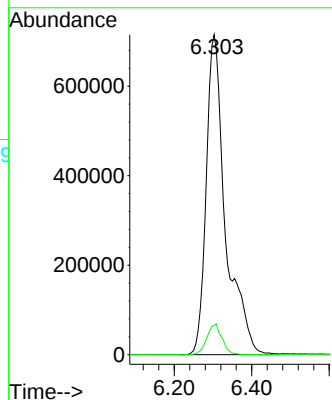
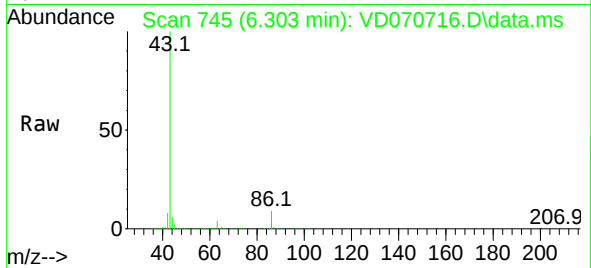




#23  
 Vinyl Acetate  
 Concen: 256.231 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD070716.D  
 Acq: 15 Oct 2021 14:03

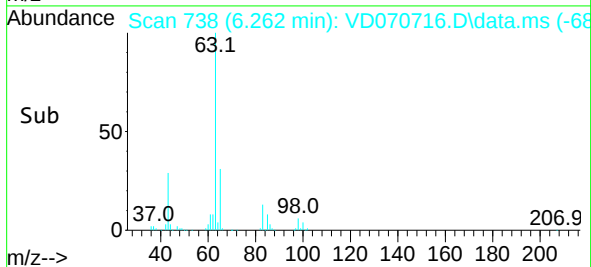
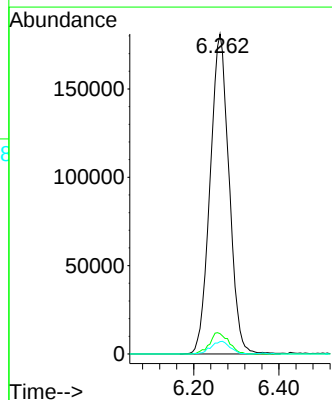
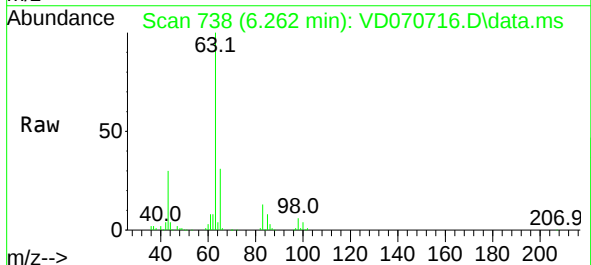
Instrument :  
 MSVOA\_D  
 ClientSampled :

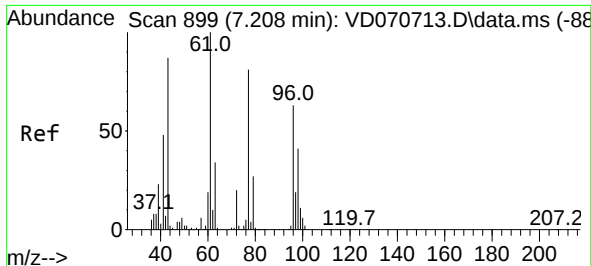
Tgt Ion: 43 Resp: 2469492  
 Ion Ratio Lower Upper  
 43 100  
 86 9.2 9.8 14.6#



#24  
 1,1-Dichloroethane  
 Concen: 49.522 ug/l  
 RT: 6.262 min Scan# 738  
 Delta R.T. 0.000 min  
 Lab File: VD070716.D  
 Acq: 15 Oct 2021 14:03

Tgt Ion: 63 Resp: 560156  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.6 10.9  
 100 3.9 2.4 7.2

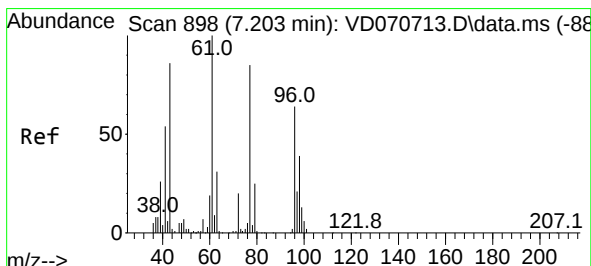
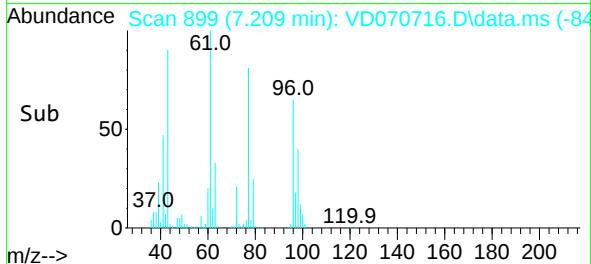
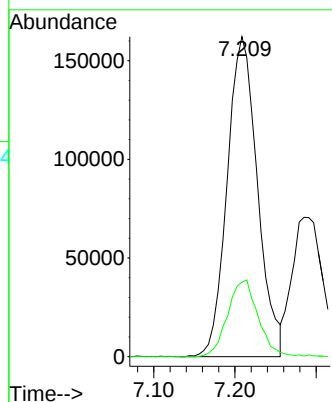
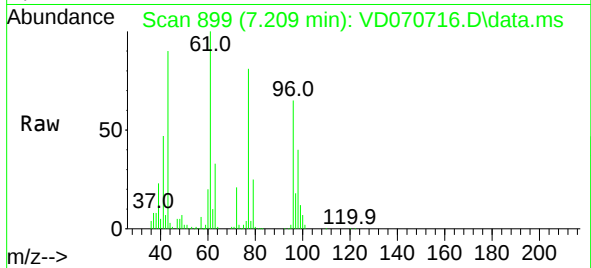




#25  
2-Butanone  
Concen: 263.273 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

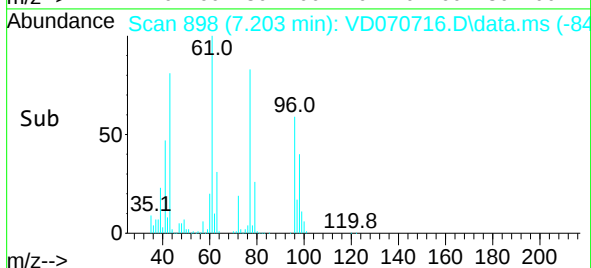
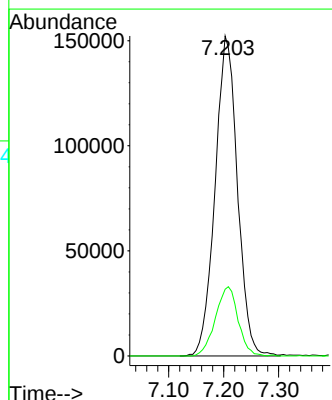
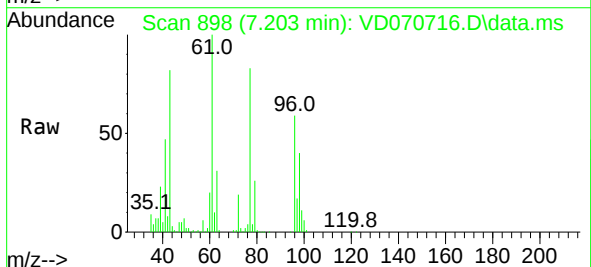
Instrument :  
MSVOA\_D  
ClientSampled :

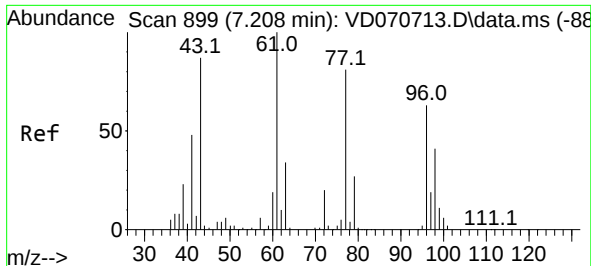
Tgt Ion: 43 Resp: 421133  
Ion Ratio Lower Upper  
43 100  
72 23.3 25.2 37.8#



#26  
2,2-Dichloropropane  
Concen: 48.041 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 77 Resp: 429791  
Ion Ratio Lower Upper  
77 100  
97 21.9 11.9 35.7

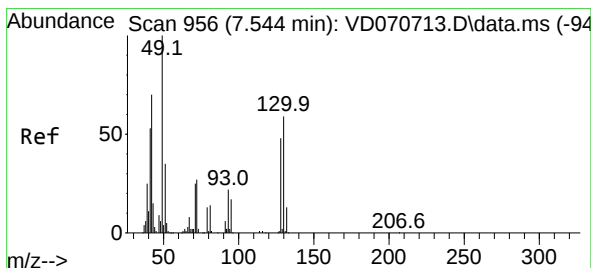
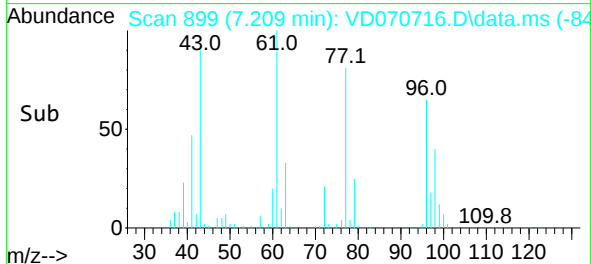
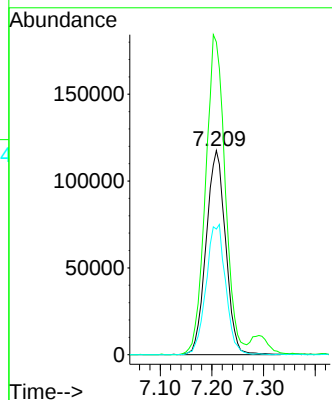
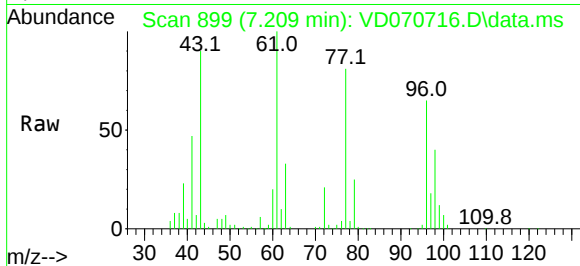




#27  
cis-1,2-Dichloroethene  
Concen: 50.796 ug/l  
RT: 7.209 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

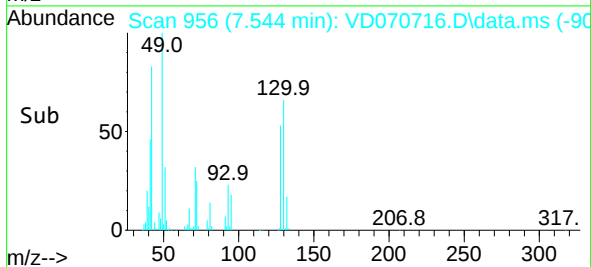
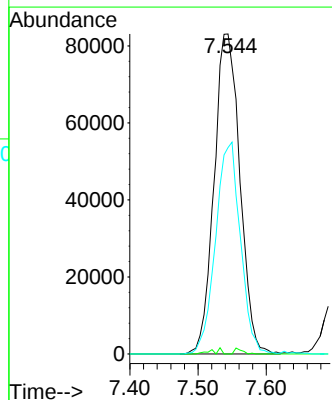
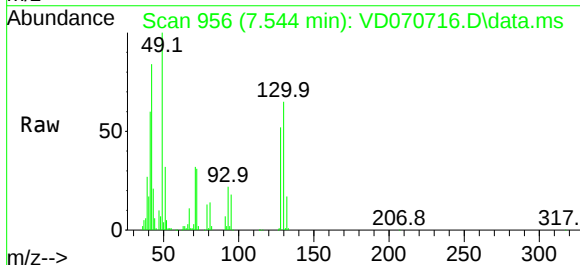
Instrument :  
MSVOA\_D  
ClientSampleId :

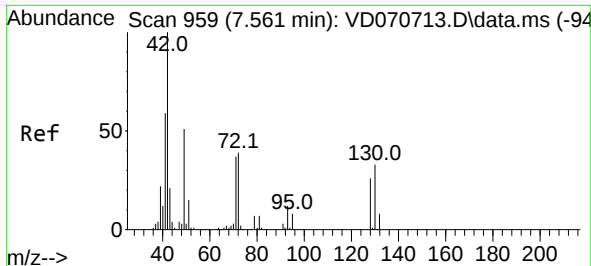
Tgt Ion: 96 Resp: 307859  
Ion Ratio Lower Upper  
96 100  
61 157.5 0.0 278.2  
98 64.2 0.0 128.6



#28  
Bromochloromethane  
Concen: 48.677 ug/l  
RT: 7.544 min Scan# 956  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 49 Resp: 218897  
Ion Ratio Lower Upper  
49 100  
129 0.5 0.0 4.8  
130 63.7 62.4 93.6





#29

Tetrahydrofuran

Concen: 286.936 ug/l

RT: 7.556 min Scan# 958

Delta R.T. -0.006 min

Lab File: VD070716.D

Acq: 15 Oct 2021 14:03

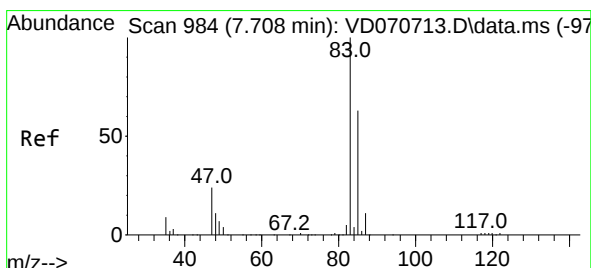
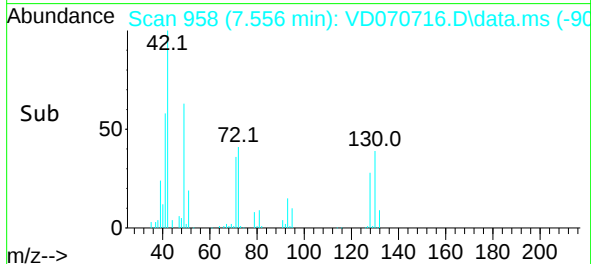
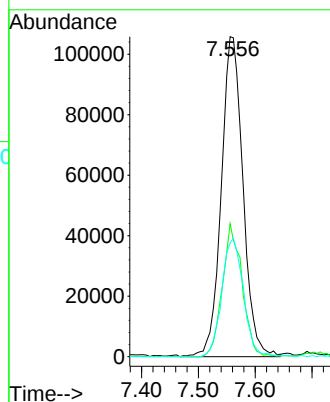
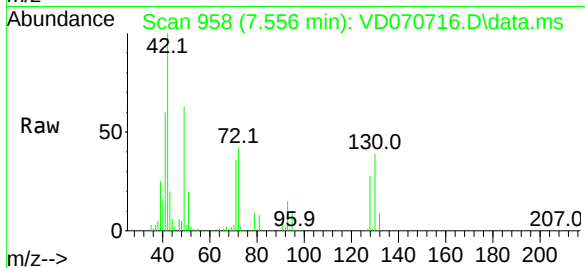
Tgt Ion: 42 Resp: 280978

Ion Ratio Lower Upper

42 100

72 37.8 40.2 60.4#

71 36.8 37.2 55.8#



#30

Chloroform

Concen: 48.602 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD070716.D

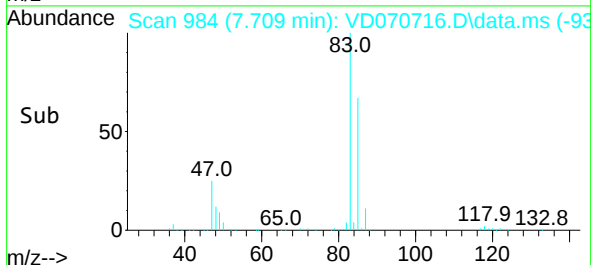
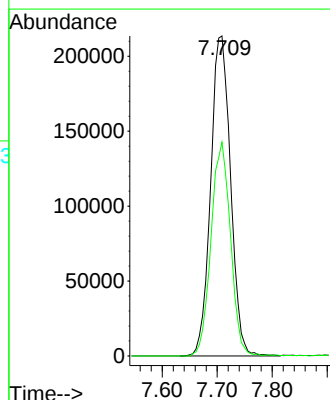
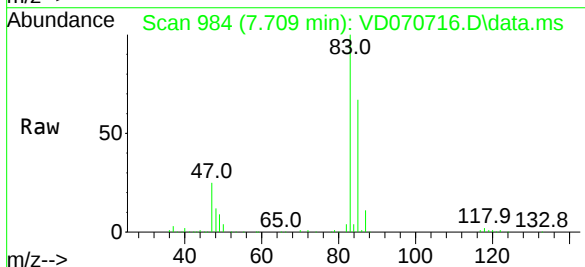
Acq: 15 Oct 2021 14:03

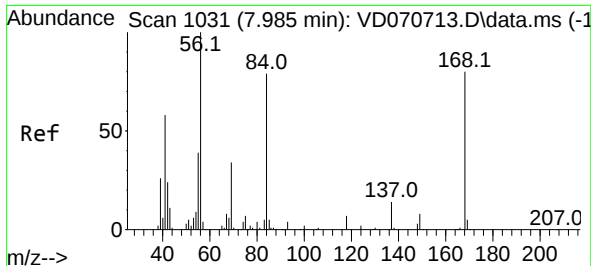
Tgt Ion: 83 Resp: 537113

Ion Ratio Lower Upper

83 100

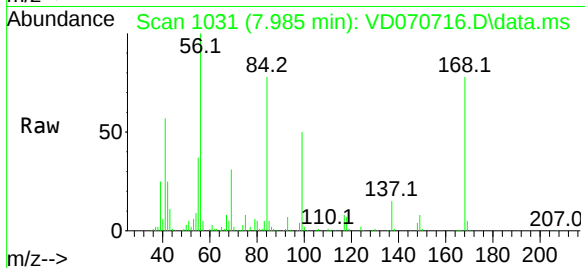
85 66.8 51.2 76.8



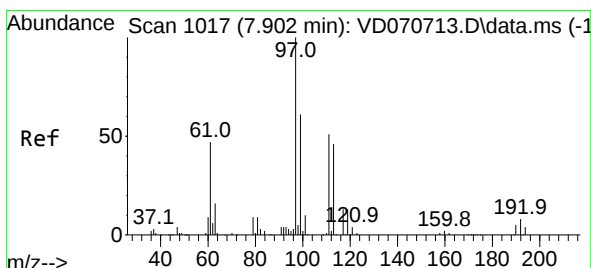
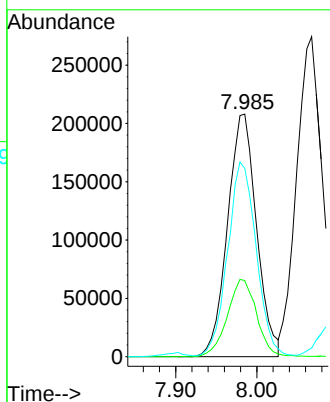
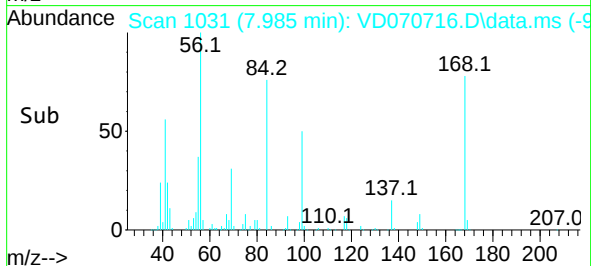


#31  
Cyclohexane  
Concen: 47.559 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

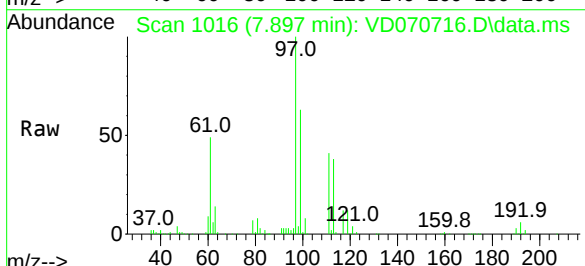
Instrument :  
MSVOA\_D  
ClientSampled :



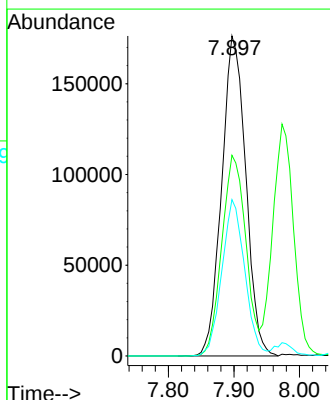
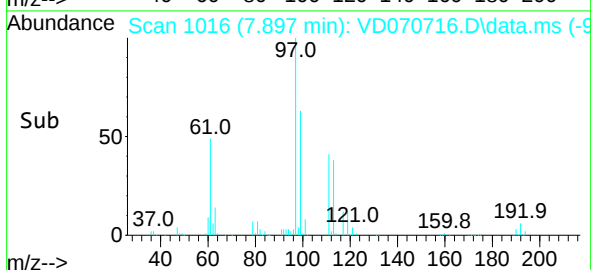
Tgt Ion: 56 Resp: 516541  
Ion Ratio Lower Upper  
56 100  
69 31.4 27.4 41.2  
84 75.8 73.6 110.4

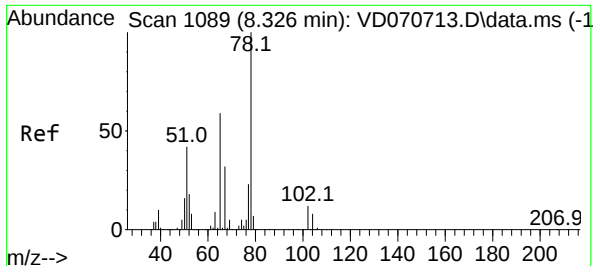


#32  
1,1,1-Trichloroethane  
Concen: 47.950 ug/l  
RT: 7.897 min Scan# 1016  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03



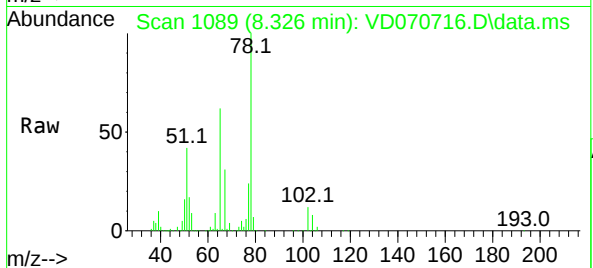
Tgt Ion: 97 Resp: 449536  
Ion Ratio Lower Upper  
97 100  
99 62.8 50.7 76.1  
61 46.4 32.5 48.7



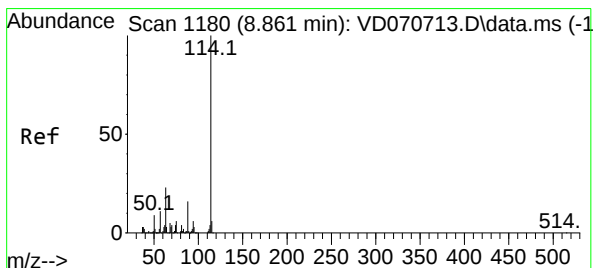
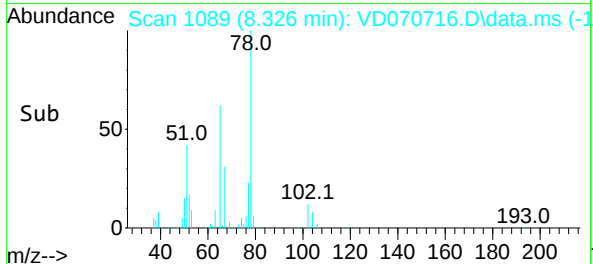
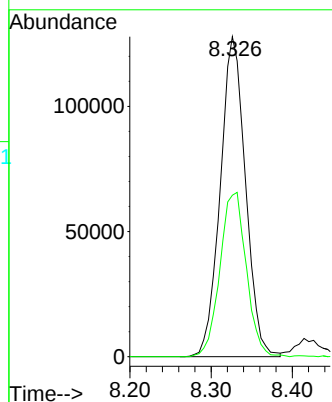


#33  
1,2-Dichloroethane-d4  
Concen: 51.480 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

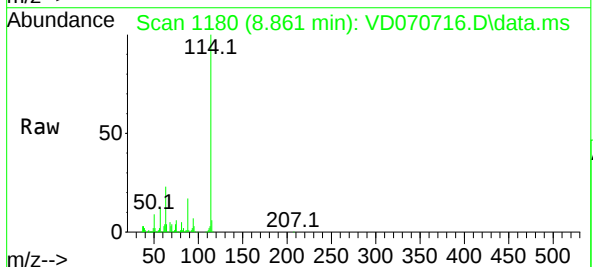
Instrument :  
MSVOA\_D  
ClientSampleId :



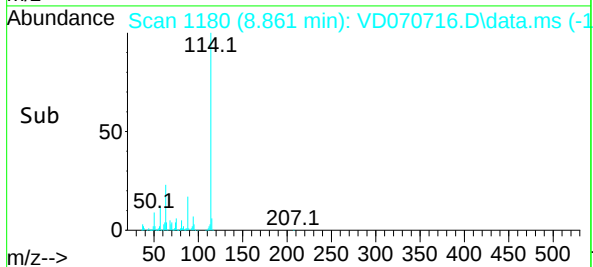
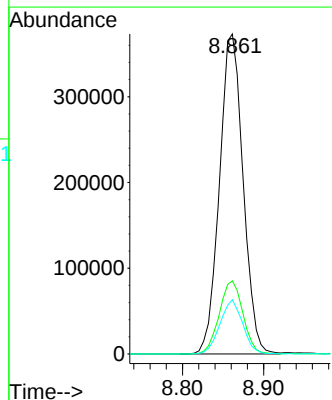
Tgt Ion: 65 Resp: 276367  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 110.2

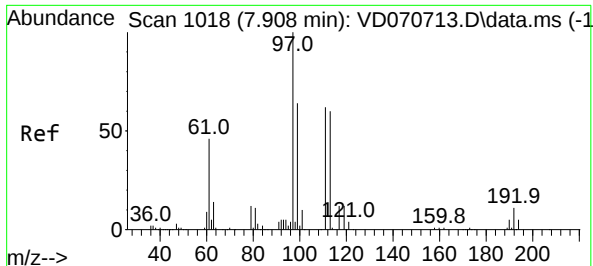


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03



Tgt Ion: 114 Resp: 755498  
Ion Ratio Lower Upper  
114 100  
63 22.8 0.0 41.8  
88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.495 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD070716.D

Acq: 15 Oct 2021 14:03

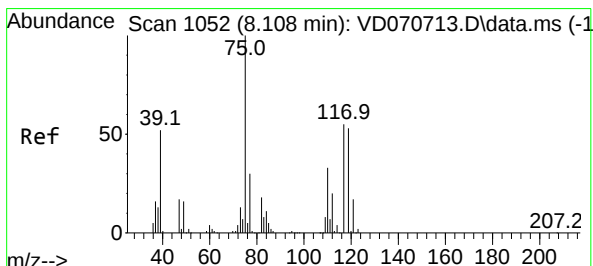
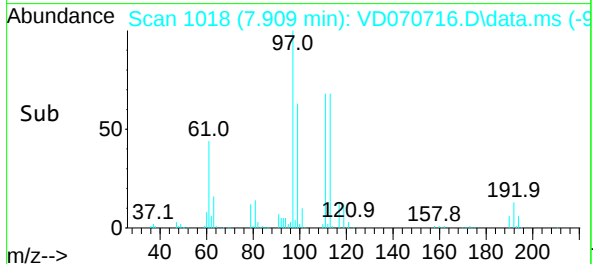
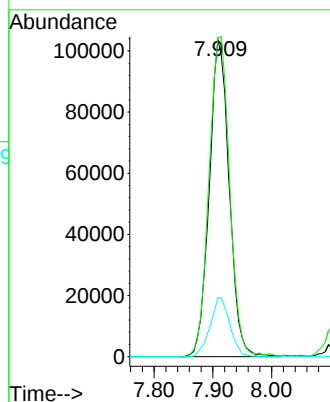
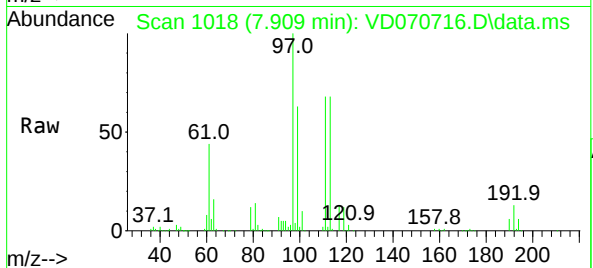
Tgt Ion:113 Resp: 244268

Ion Ratio Lower Upper

113 100

111 105.1 83.1 124.7

192 18.5 12.7 19.1



#36

1,1-Dichloropropene

Concen: 49.010 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD070716.D

Acq: 15 Oct 2021 14:03

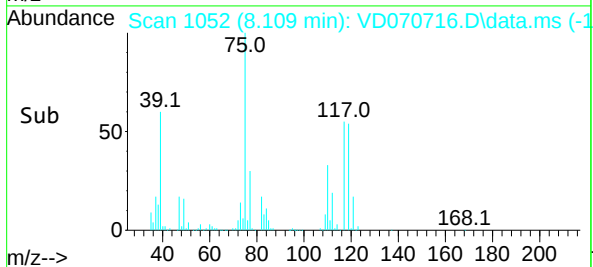
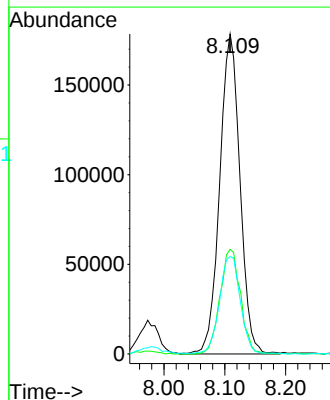
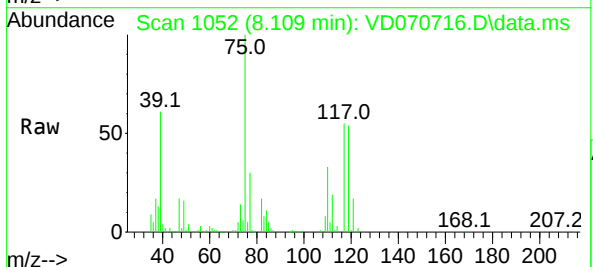
Tgt Ion: 75 Resp: 412481

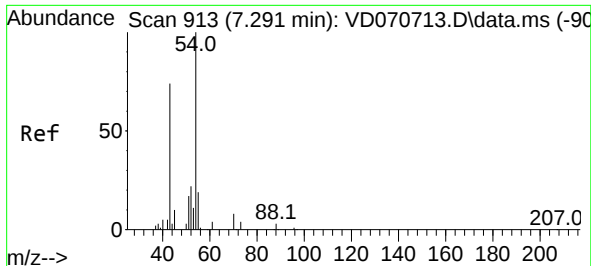
Ion Ratio Lower Upper

75 100

110 33.0 17.2 51.6

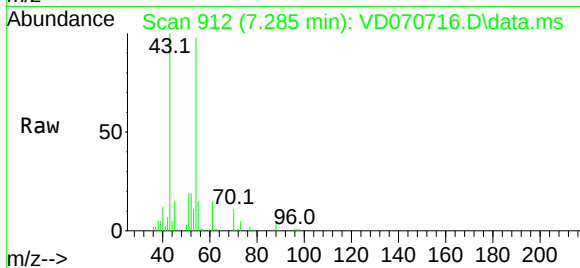
77 31.6 24.2 36.4



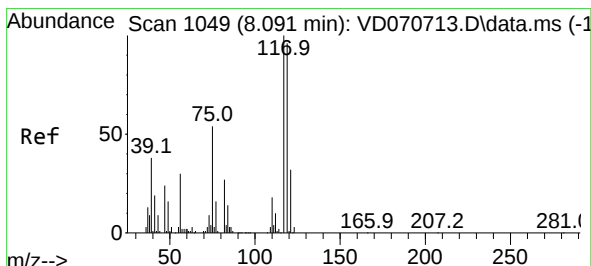
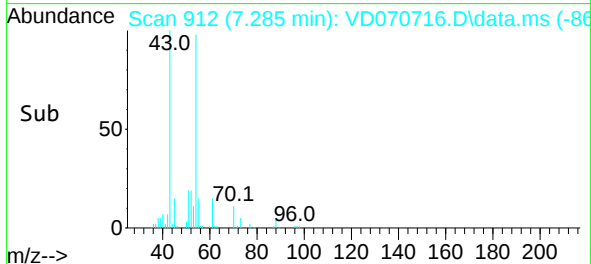
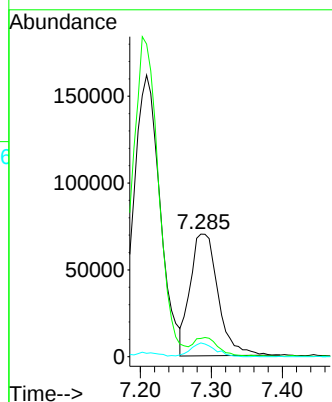


#37  
Ethyl Acetate  
Concen: 54.890 ug/l  
RT: 7.285 min Scan# 912  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Instrument :  
MSVOA\_D  
ClientSampleId :

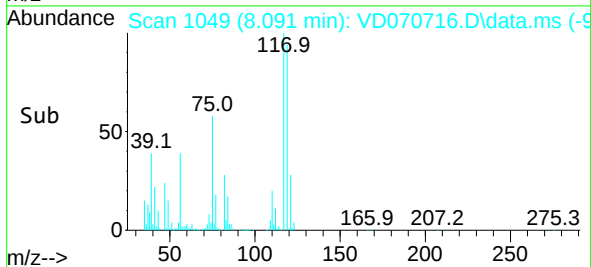
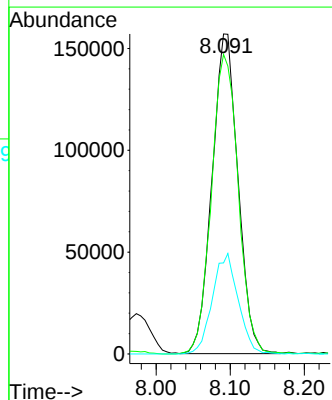
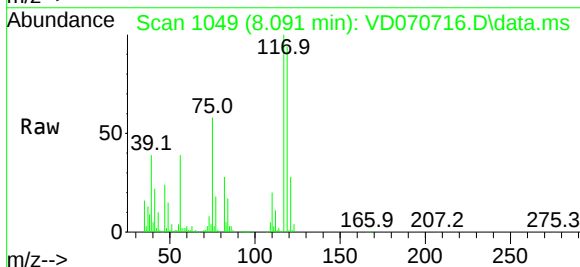


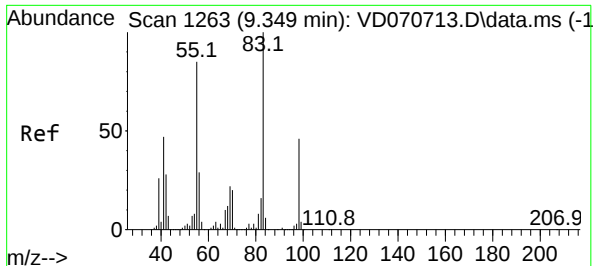
Tgt Ion: 43 Resp: 191394  
Ion Ratio Lower Upper  
43 100  
61 13.1 12.9 19.3  
70 9.8 9.9 14.9#



#38  
Carbon Tetrachloride  
Concen: 47.365 ug/l  
RT: 8.091 min Scan# 1049  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 117 Resp: 381816  
Ion Ratio Lower Upper  
117 100  
119 93.5 77.4 116.0  
121 28.5 25.4 38.0





#39

Methylcyclohexane

Concen: 49.865 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. 0.001 min

Lab File: VD070716.D

Acq: 15 Oct 2021 14:03

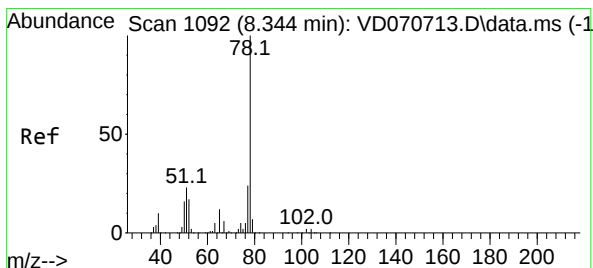
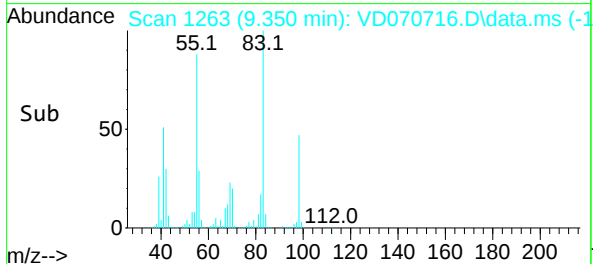
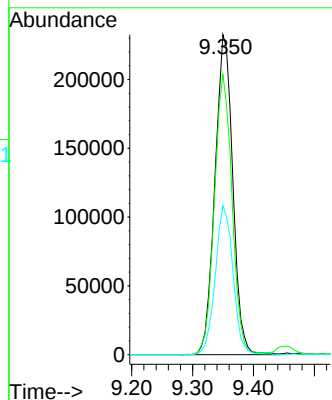
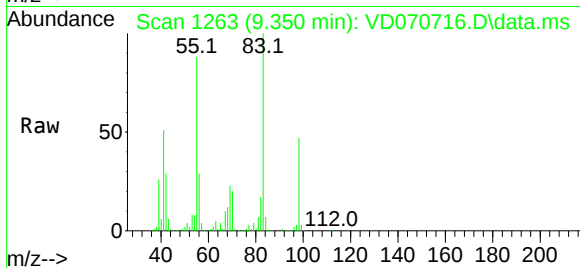
Tgt Ion: 83 Resp: 473280

Ion Ratio Lower Upper

83 100

55 87.6 58.2 87.4#

98 46.6 36.9 55.3



#40

Benzene

Concen: 49.807 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD070716.D

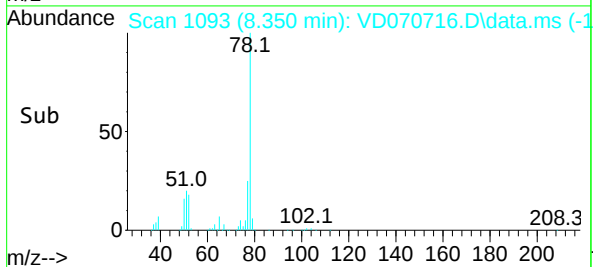
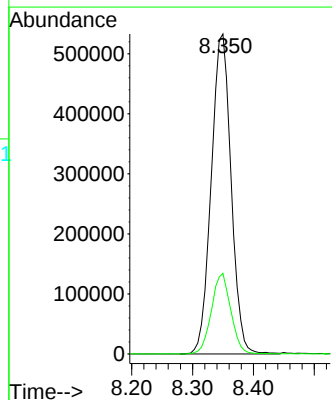
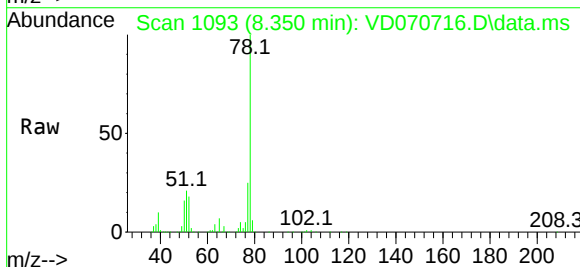
Acq: 15 Oct 2021 14:03

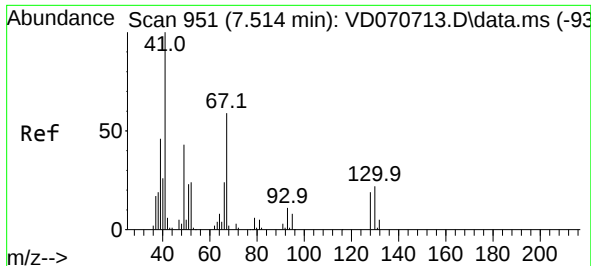
Tgt Ion: 78 Resp: 1207265

Ion Ratio Lower Upper

78 100

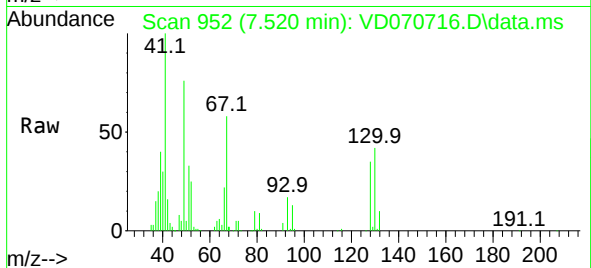
77 25.2 18.9 28.3



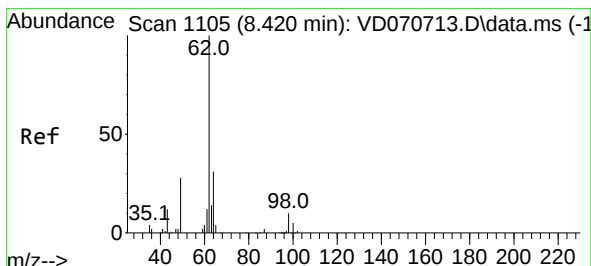
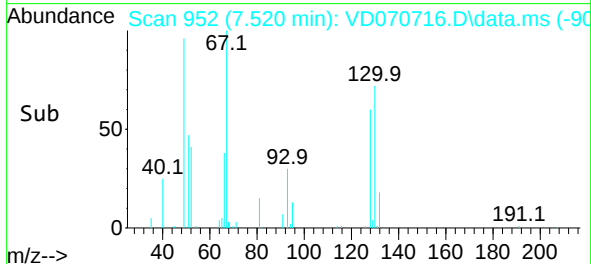
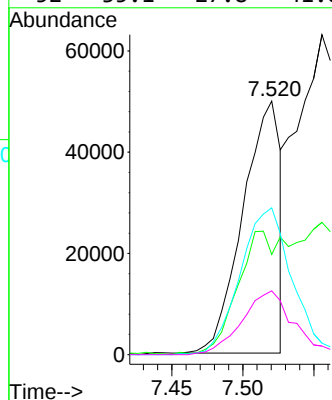


#41  
Methacrylonitrile  
Concen: 42.081 ug/l  
RT: 7.520 min Scan# 952  
Delta R.T. 0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Instrument :  
MSVOA\_D  
ClientSampleId :

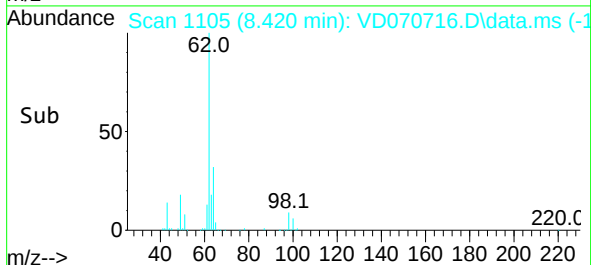
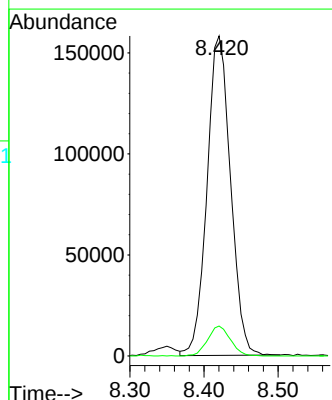
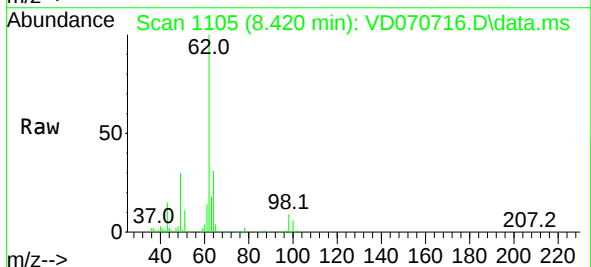


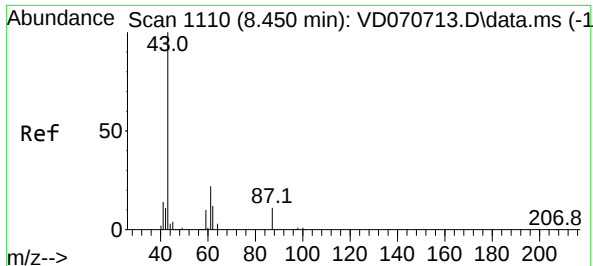
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 91825 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 45.6  | 45.2  | 67.8  |
| 67       | 80.3  | 75.8  | 113.6 |
| 52       | 35.1  | 27.8  | 41.8  |



#42  
1,2-Dichloroethane  
Concen: 50.648 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

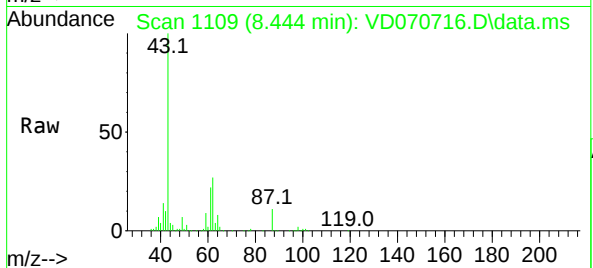
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 348424 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.1   | 0.0   | 22.0   |



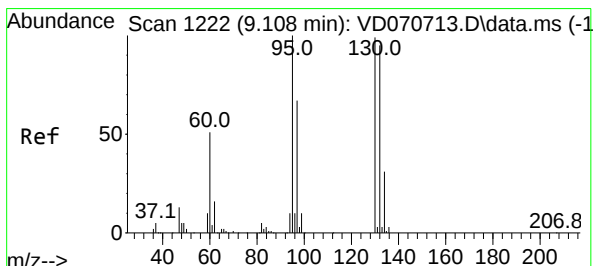
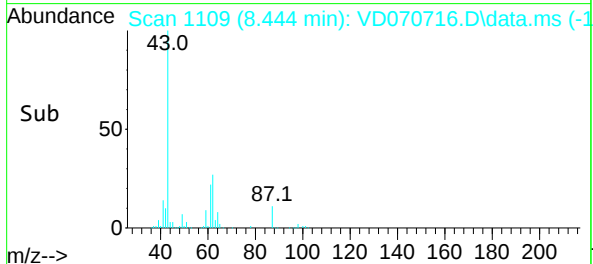
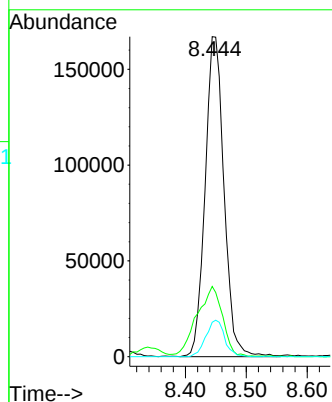


#43  
Isopropyl Acetate  
Concen: 54.177 ug/l  
RT: 8.444 min Scan# 1109  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Instrument :  
MSVOA\_D  
ClientSampled :

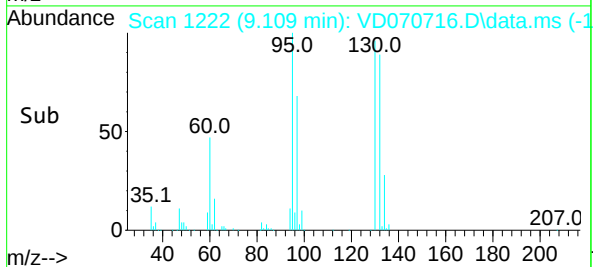
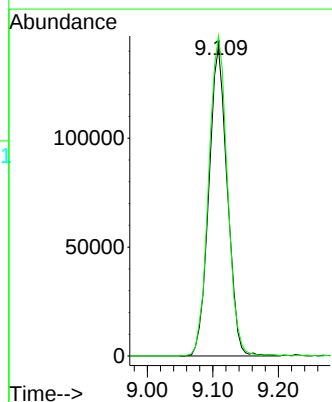
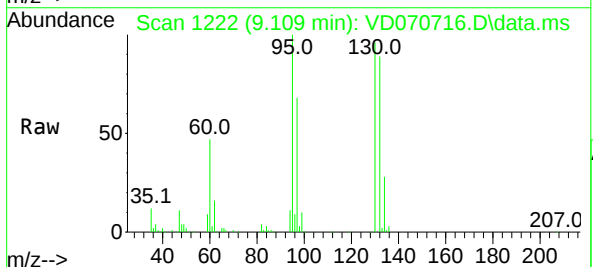


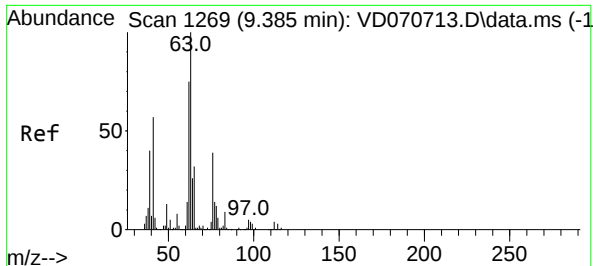
Tgt Ion: 43 Resp: 360347  
Ion Ratio Lower Upper  
43 100  
61 29.7 29.0 43.4  
87 11.3 11.8 17.6#



#44  
Trichloroethene  
Concen: 48.715 ug/l  
RT: 9.109 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 130 Resp: 277287  
Ion Ratio Lower Upper  
130 100  
95 103.7 0.0 200.8



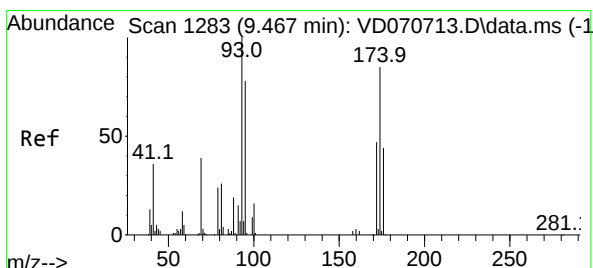
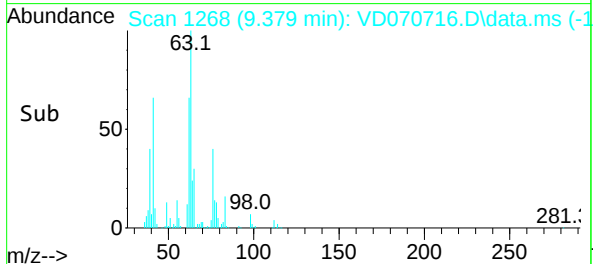
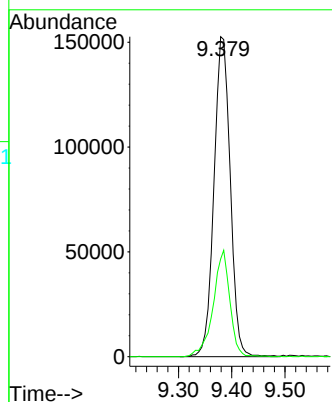
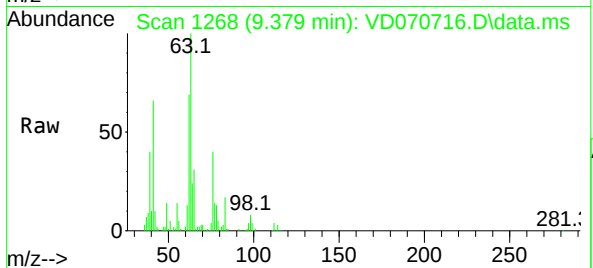


#45

1,2-Dichloropropane  
Concen: 50.608 ug/l  
RT: 9.379 min Scan# 1268  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Instrument :  
MSVOA\_D  
ClientSampled :

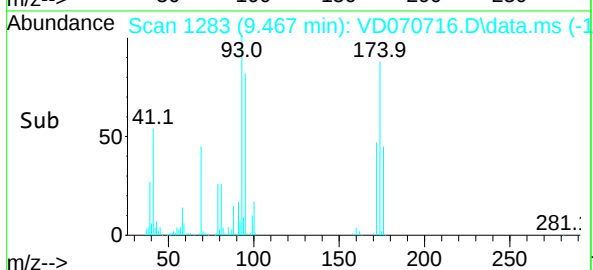
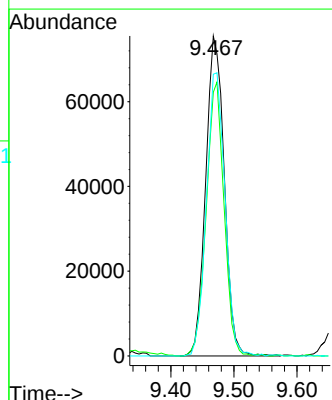
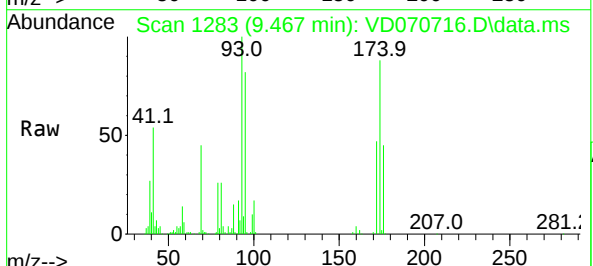
Tgt Ion: 63 Resp: 324108  
Ion Ratio Lower Upper  
63 100  
65 30.6 23.8 35.8

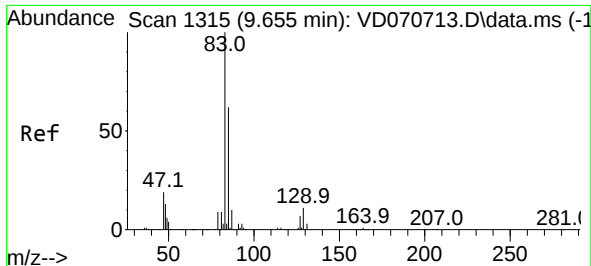


#46

Dibromomethane  
Concen: 50.422 ug/l  
RT: 9.467 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 93 Resp: 154636  
Ion Ratio Lower Upper  
93 100  
95 81.6 66.5 99.7  
174 88.4 66.7 100.1

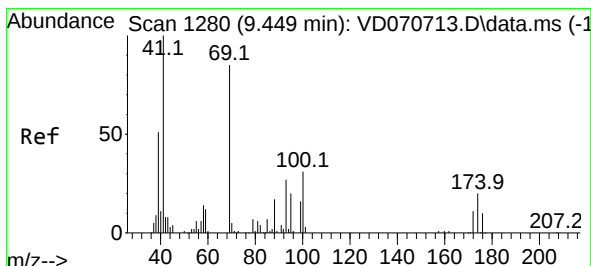
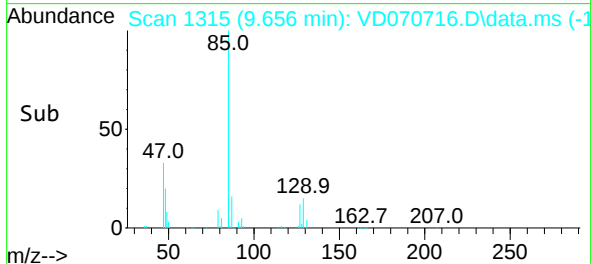
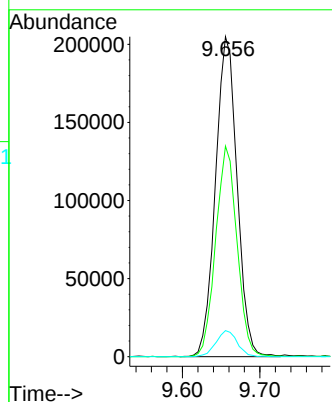
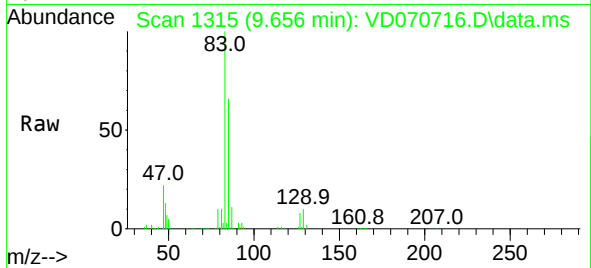




#47  
Bromodichloromethane  
Concen: 48.871 ug/l  
RT: 9.656 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

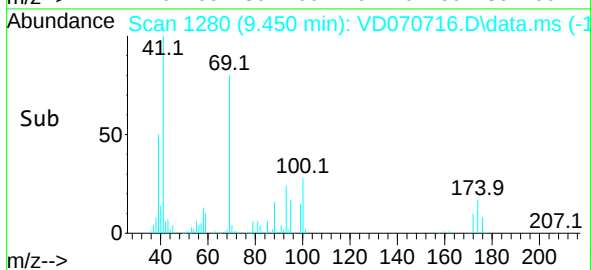
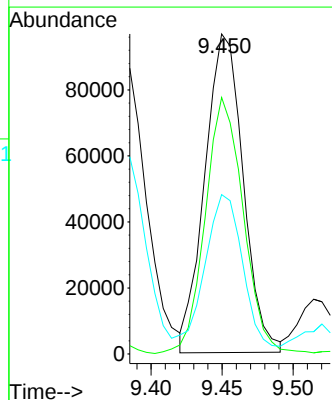
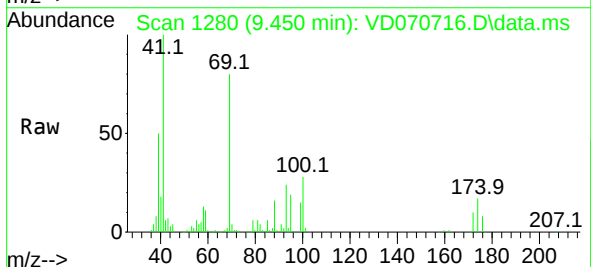
Instrument :  
MSVOA\_D  
ClientSampleId :

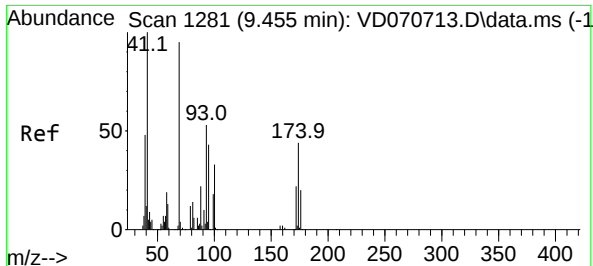
Tgt Ion: 83 Resp: 397597  
Ion Ratio Lower Upper  
83 100  
85 65.8 50.7 76.1  
127 8.2 6.5 9.7



#48  
Methyl methacrylate  
Concen: 55.559 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

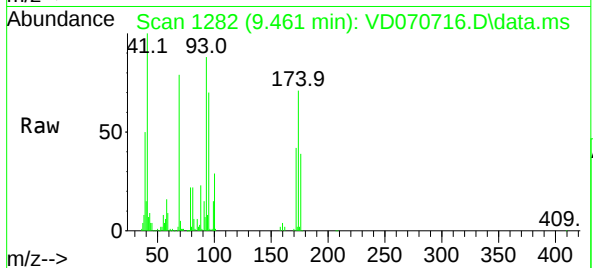
Tgt Ion: 41 Resp: 181026  
Ion Ratio Lower Upper  
41 100  
69 79.7 78.5 117.7  
39 45.4 34.9 52.3



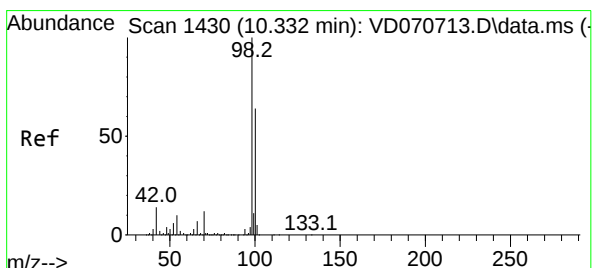
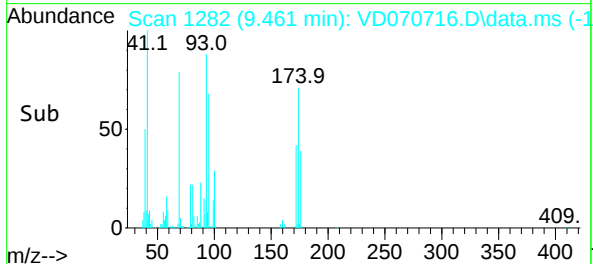
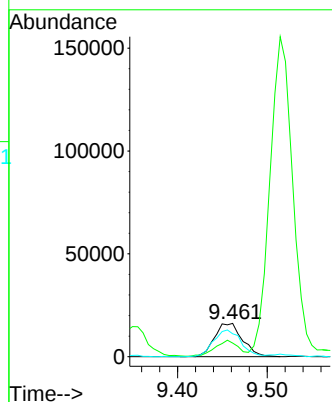


#49  
1,4-Dioxane  
Concen: 1065.281 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. 0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Instrument :  
MSVOA\_D  
ClientSampled :

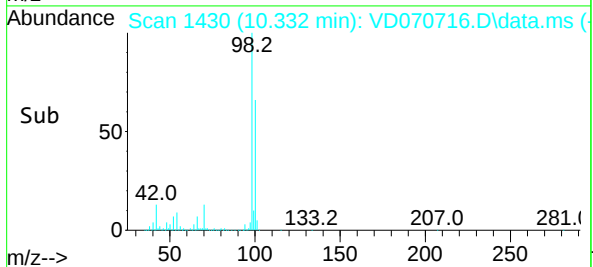
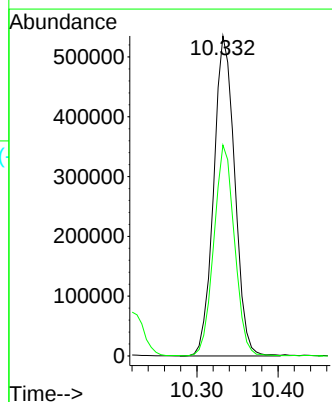
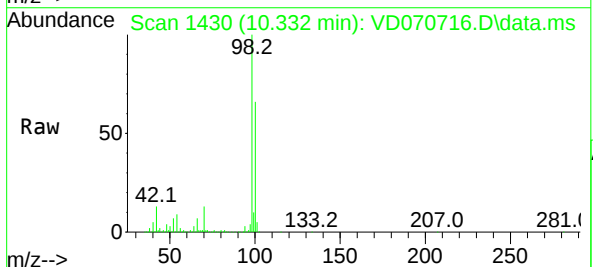


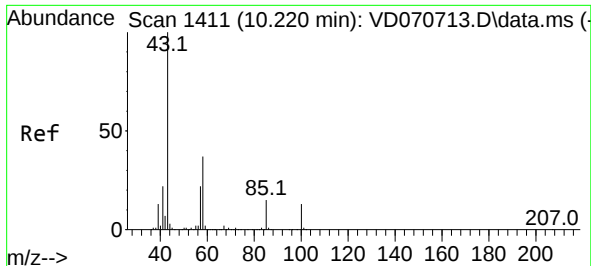
Tgt Ion: 88 Resp: 35080  
Ion Ratio Lower Upper  
88 100  
43 39.9 25.1 37.7#  
58 79.1 57.4 86.0



#50  
Toluene-d8  
Concen: 51.965 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 98 Resp: 963622  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.2 78.4

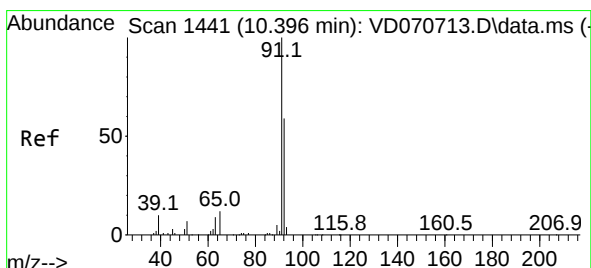
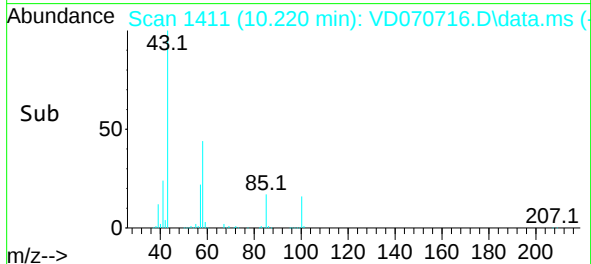
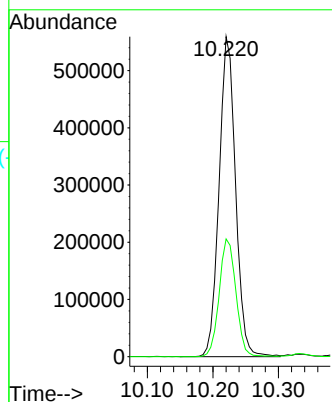
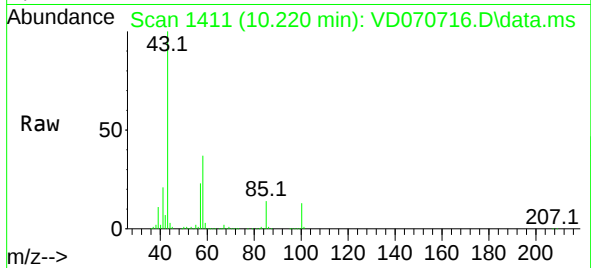




#51  
4-Methyl-2-Pentanone  
Concen: 277.869 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

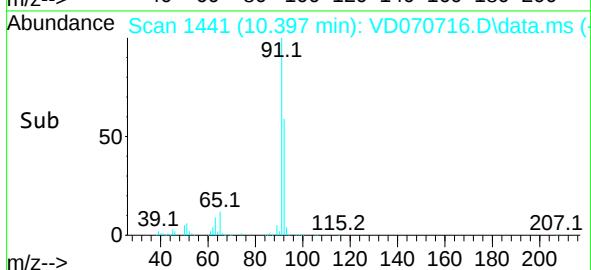
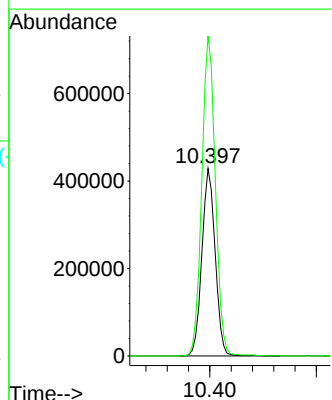
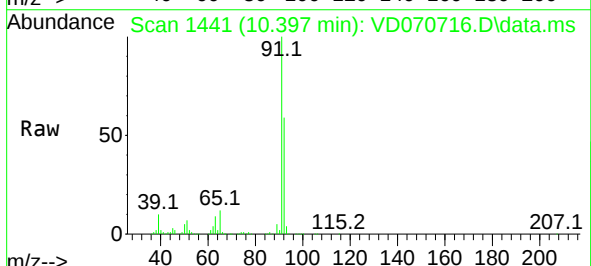
Instrument :  
MSVOA\_D  
ClientSampled :

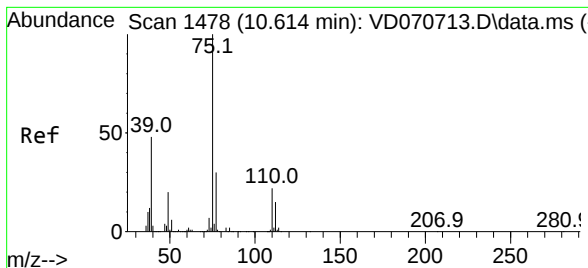
Tgt Ion: 43 Resp: 974162  
Ion Ratio Lower Upper  
43 100  
58 37.3 35.0 52.6



#52  
Toluene  
Concen: 51.328 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 92 Resp: 740720  
Ion Ratio Lower Upper  
92 100  
91 174.0 136.3 204.5

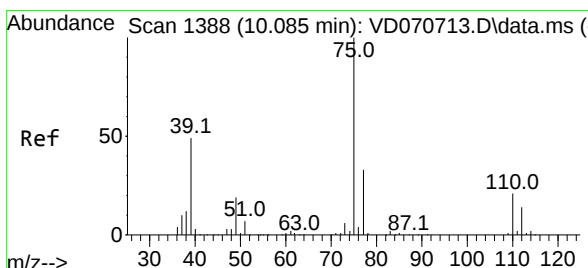
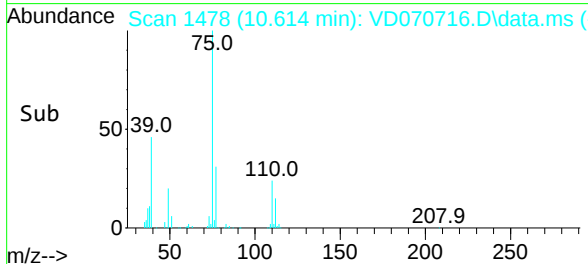
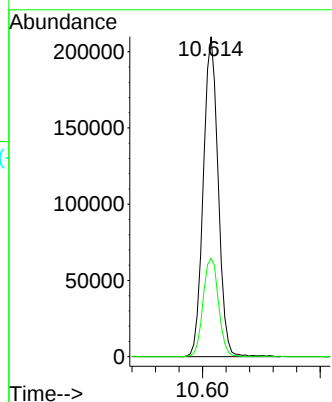
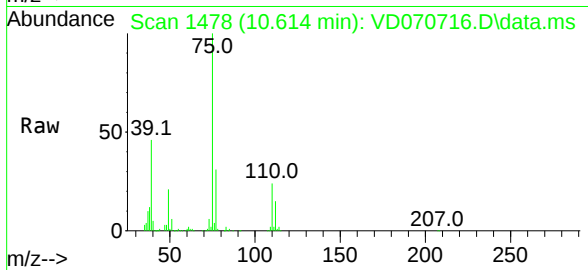




#53  
t-1,3-Dichloropropene  
Concen: 50.688 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

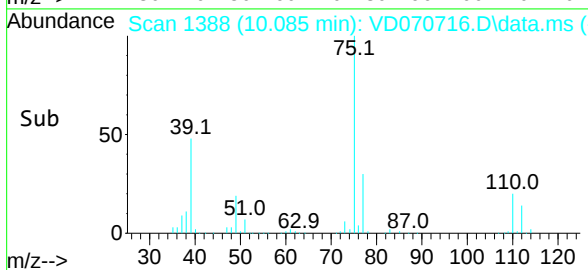
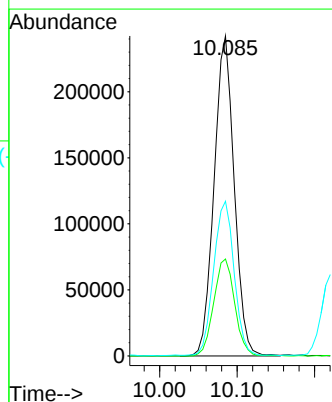
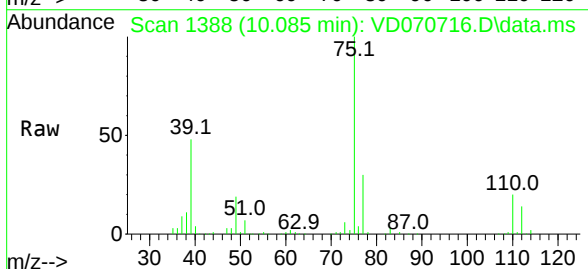
Instrument :  
MSVOA\_D  
ClientSampled :

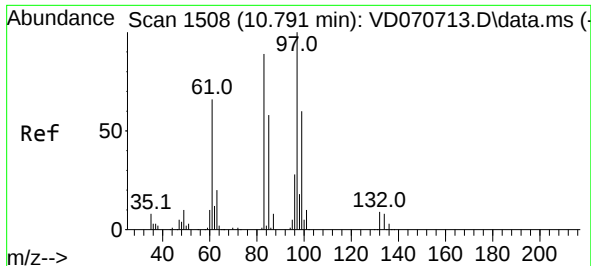
Tgt Ion: 75 Resp: 368350  
Ion Ratio Lower Upper  
75 100  
77 30.7 25.5 38.3



#54  
cis-1,3-Dichloropropene  
Concen: 50.190 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 75 Resp: 436617  
Ion Ratio Lower Upper  
75 100  
77 30.3 25.2 37.8  
39 48.3 27.8 41.6#

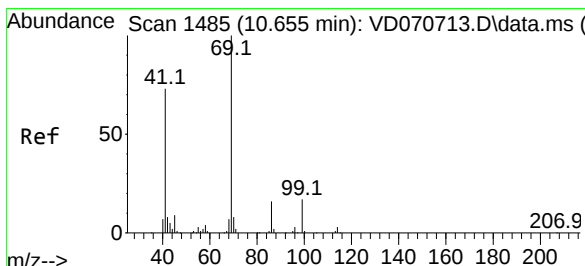
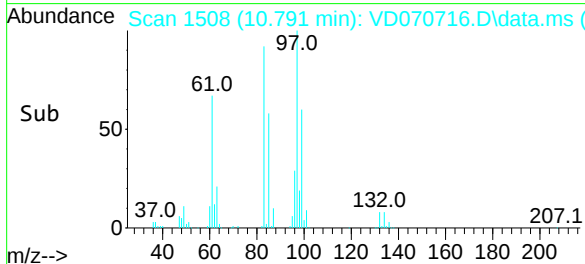
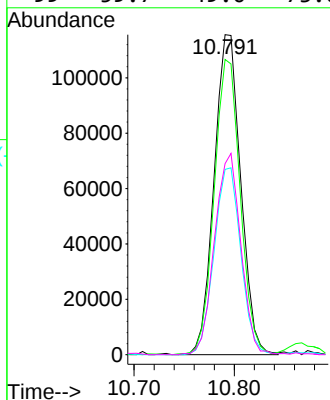
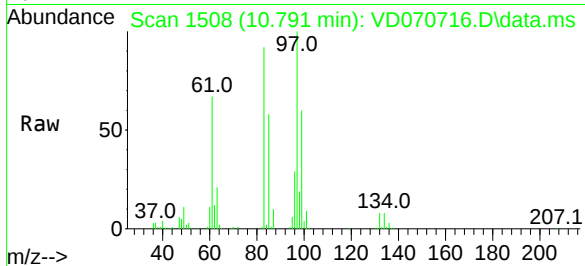




#55  
1,1,2-Trichloroethane  
Concen: 50.494 ug/l  
RT: 10.791 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

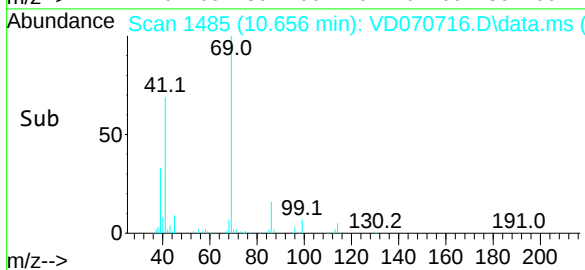
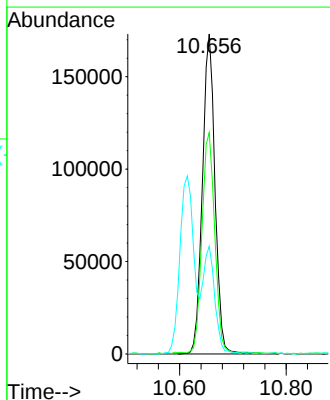
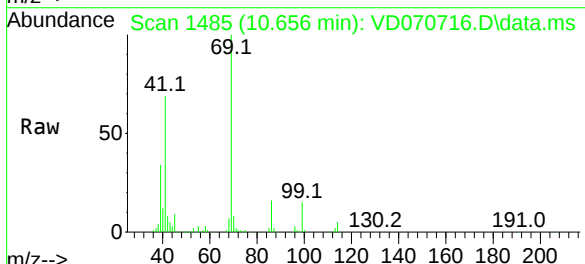
Instrument :  
MSVOA\_D  
ClientSampleId :

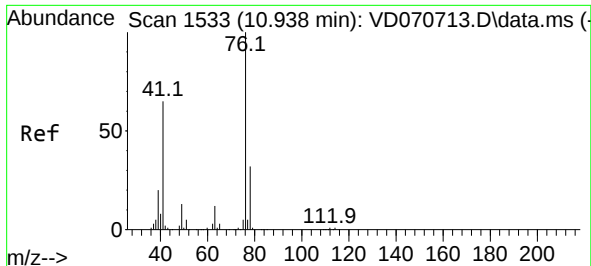
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 212678 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 92.0  | 69.1  | 103.7  |
| 85       | 57.9  | 43.0  | 64.6   |
| 99       | 59.7  | 49.0  | 73.6   |



#56  
Ethyl methacrylate  
Concen: 49.452 ug/l  
RT: 10.656 min Scan# 1485  
Delta R.T. 0.001 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 283095 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 69.3  | 44.7  | 67.1#  |
| 39       | 30.5  | 19.5  | 29.3#  |

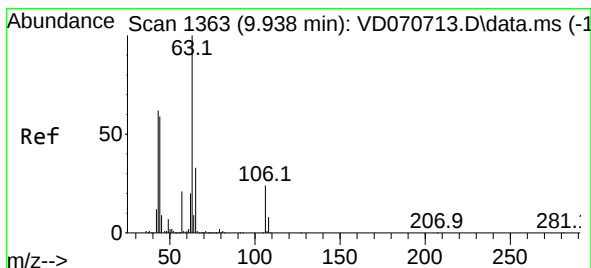
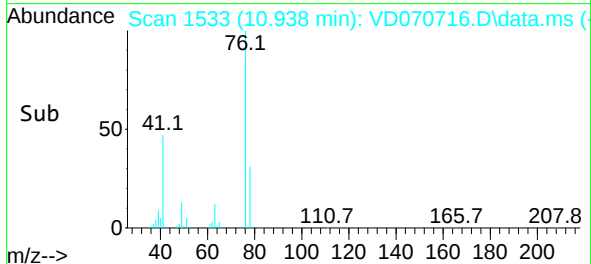
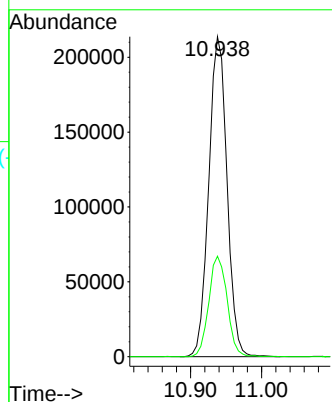
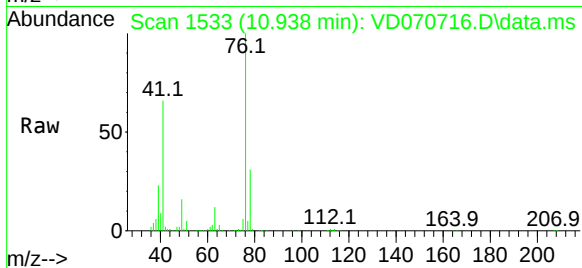




#57  
1,3-Dichloropropane  
Concen: 51.135 ug/l  
RT: 10.938 min Scan# 1533  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

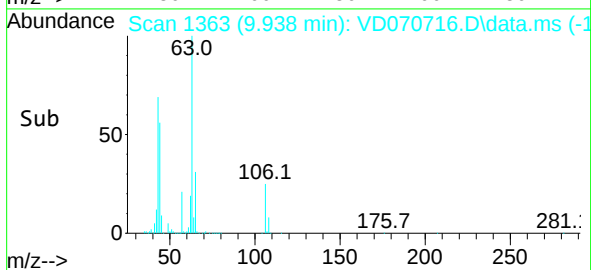
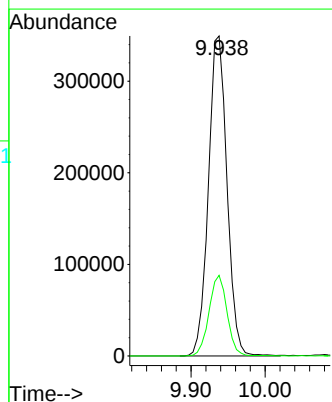
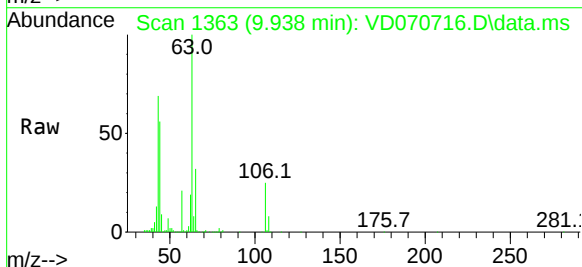
Instrument :  
MSVOA\_D  
ClientSampleId :

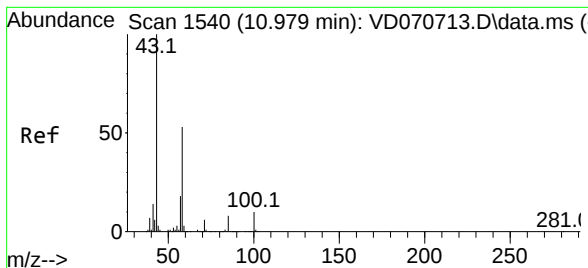
Tgt Ion: 76 Resp: 382135  
Ion Ratio Lower Upper  
76 100  
78 31.5 25.3 37.9



#58  
2-Chloroethyl Vinyl ether  
Concen: 274.217 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 63 Resp: 608332  
Ion Ratio Lower Upper  
63 100  
106 24.5 22.3 33.5

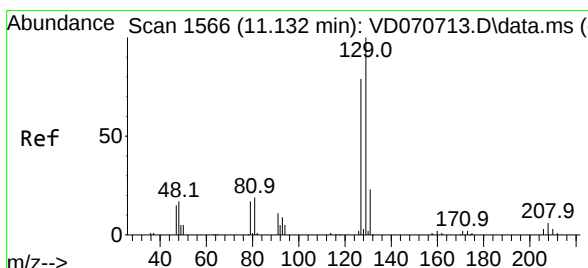
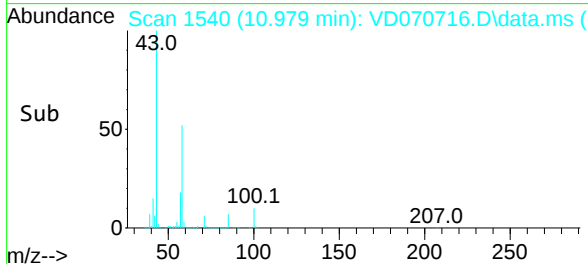
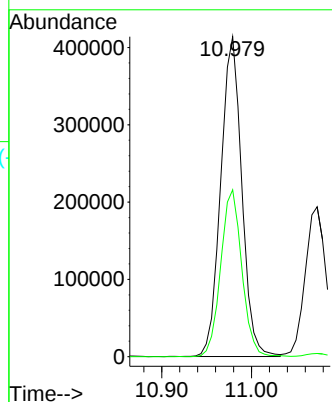
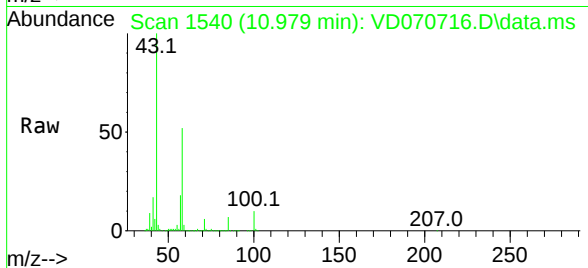




#59  
2-Hexanone  
Concen: 272.630 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

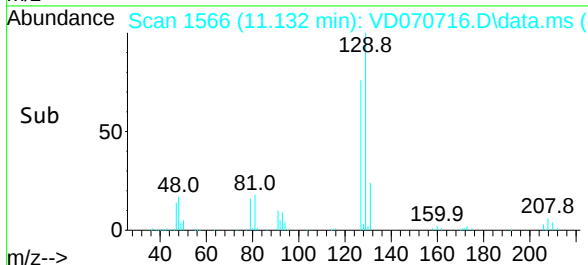
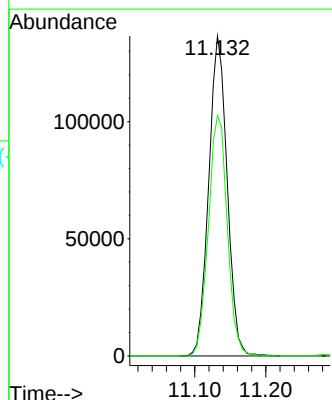
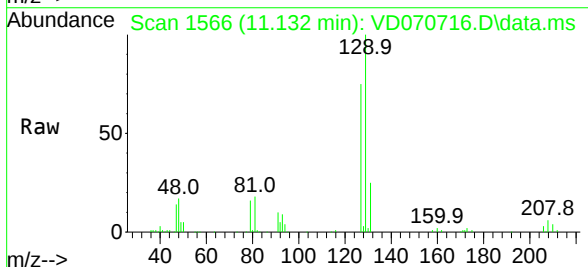
Instrument :  
MSVOA\_D  
ClientSampleId :

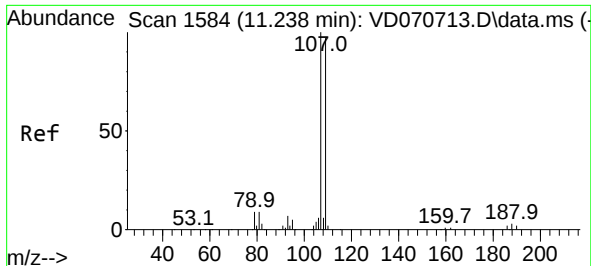
Tgt Ion: 43 Resp: 672753  
Ion Ratio Lower Upper  
43 100  
58 52.5 30.4 91.3



#60  
Dibromochloromethane  
Concen: 50.801 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion:129 Resp: 245918  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.6 115.8

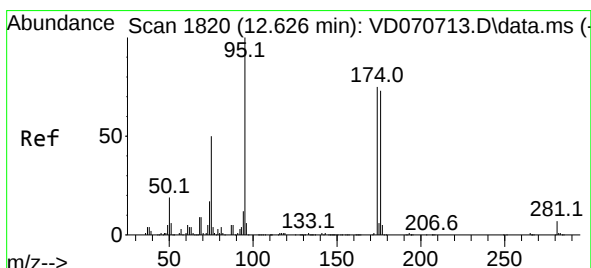
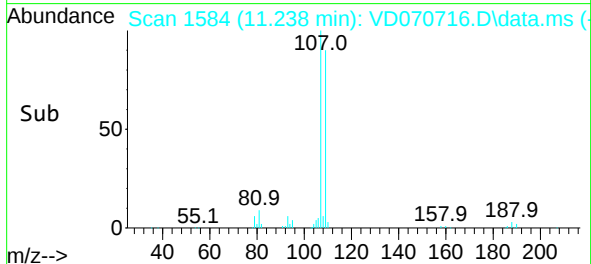
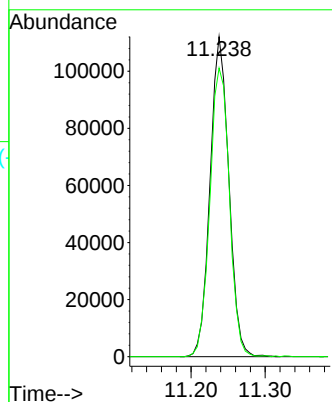
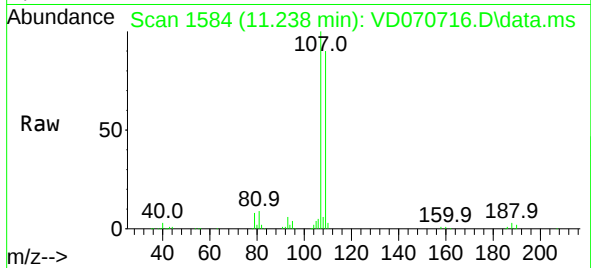




#61  
1,2-Dibromoethane  
Concen: 51.255 ug/l  
RT: 11.238 min Scan# 1584  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

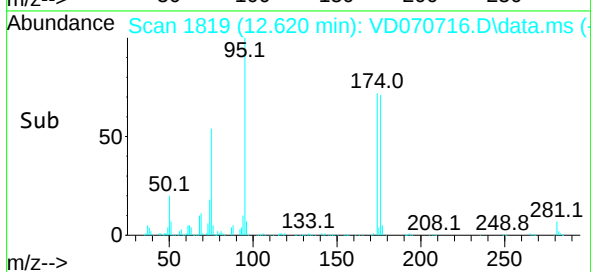
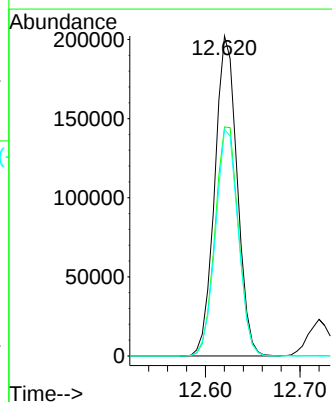
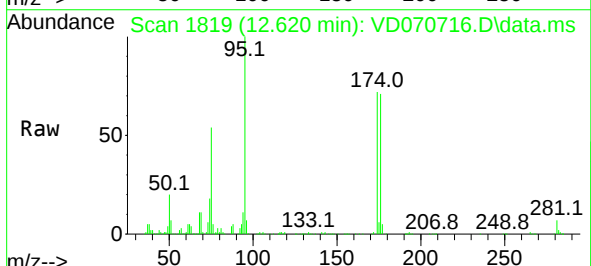
Instrument :  
MSVOA\_D  
ClientSampled :

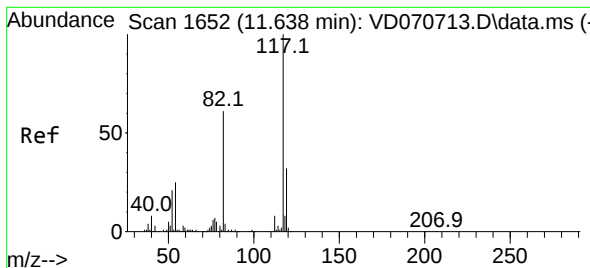
Tgt Ion:107 Resp: 197523  
Ion Ratio Lower Upper  
107 100  
109 93.7 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 52.177 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 95 Resp: 333159  
Ion Ratio Lower Upper  
95 100  
174 74.5 0.0 138.0  
176 71.8 0.0 135.6

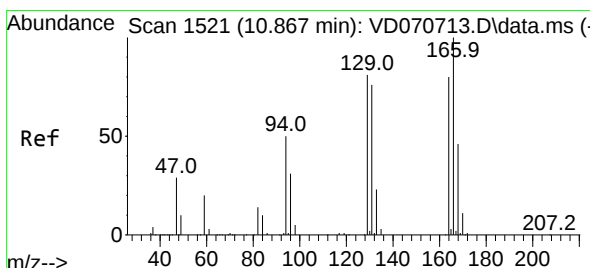
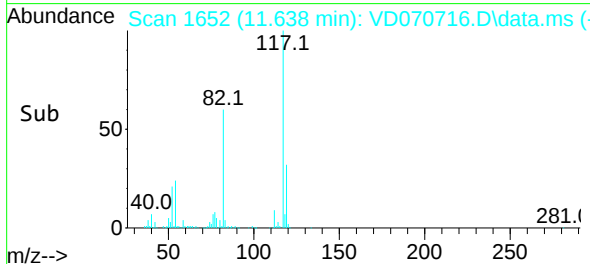
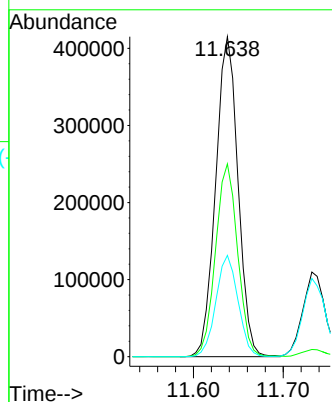
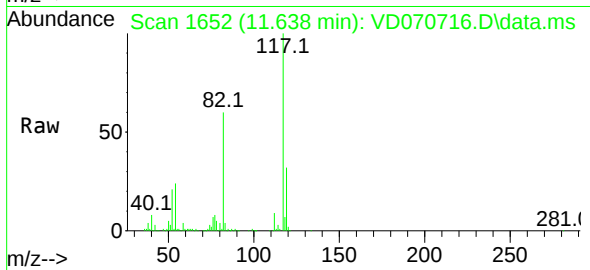




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

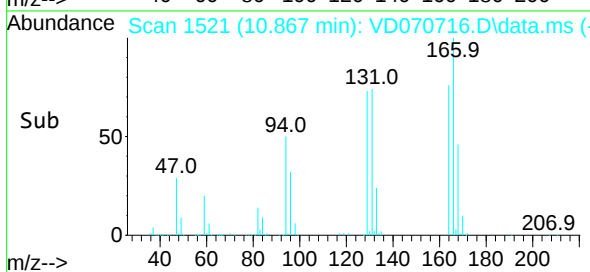
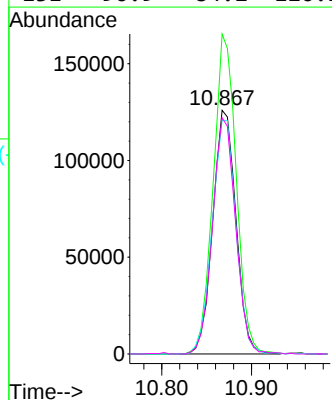
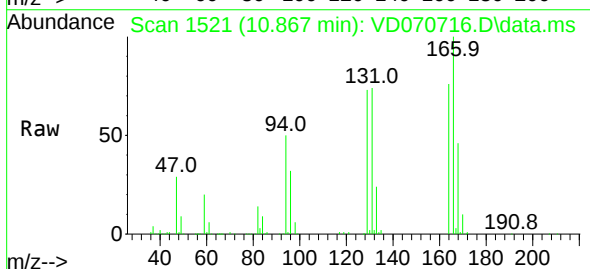
Instrument :  
MSVOA\_D  
ClientSampleId :

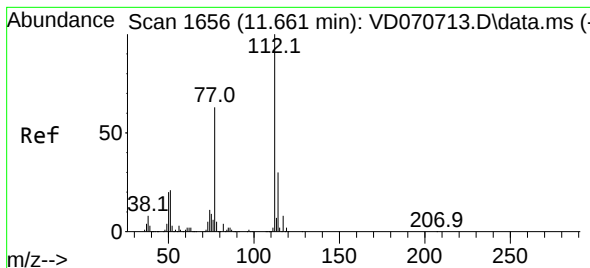
Tgt Ion:117 Resp: 718184  
Ion Ratio Lower Upper  
117 100  
82 60.2 45.4 68.2  
119 31.6 24.7 37.1



#64  
Tetrachloroethene  
Concen: 46.803 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion:164 Resp: 225869  
Ion Ratio Lower Upper  
164 100  
166 131.3 105.8 158.6  
129 96.1 83.8 125.6  
131 96.9 84.2 126.2

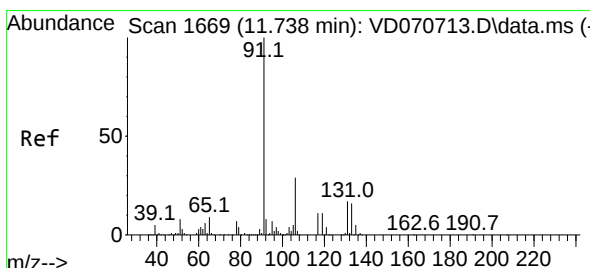
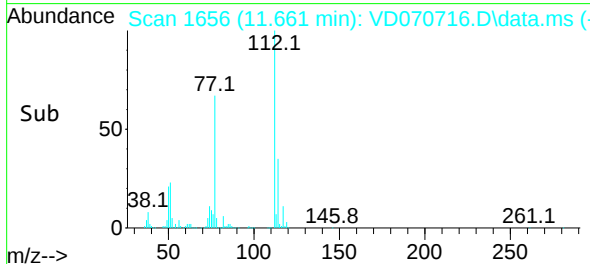
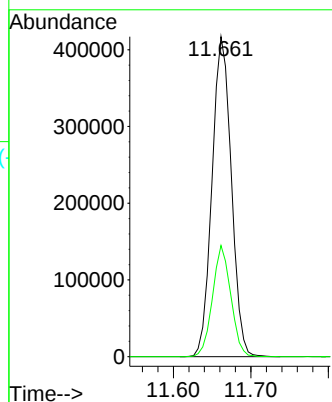
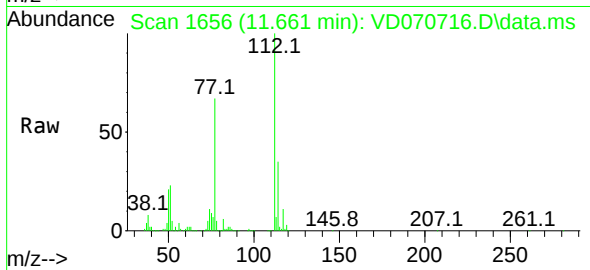




#65  
Chlorobenzene  
Concen: 48.967 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

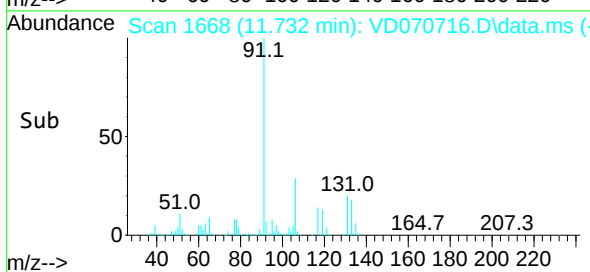
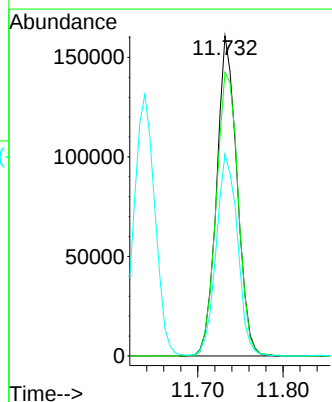
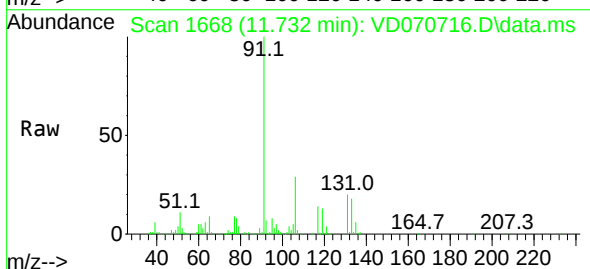
Instrument :  
MSVOA\_D  
ClientSampleId :

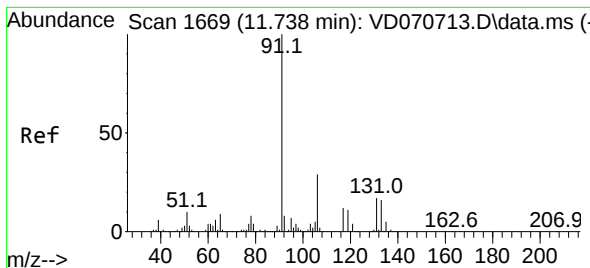
Tgt Ion:112 Resp: 721230  
Ion Ratio Lower Upper  
112 100  
114 34.7 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.175 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion:131 Resp: 267994  
Ion Ratio Lower Upper  
131 100  
133 95.4 46.8 140.3  
119 66.1 32.6 97.7

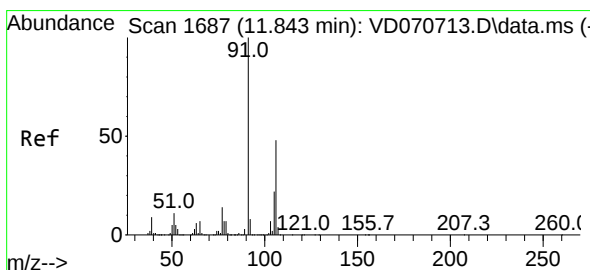
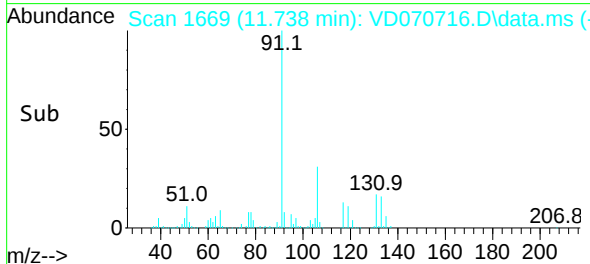
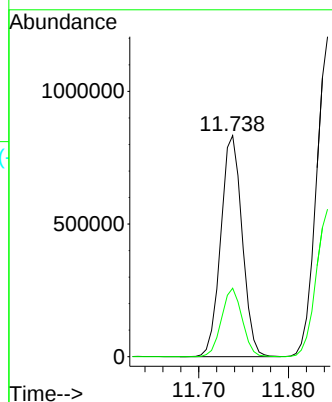
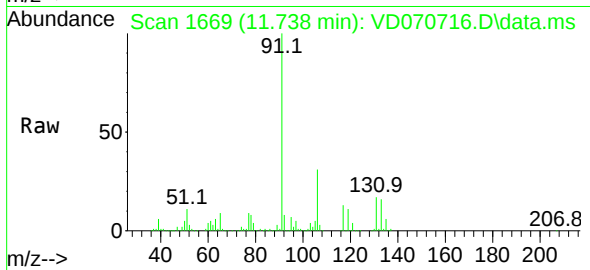




#67  
Ethyl Benzene  
Concen: 51.166 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

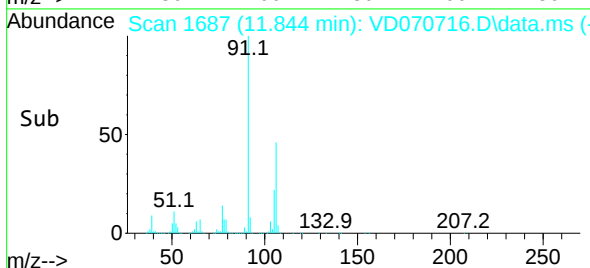
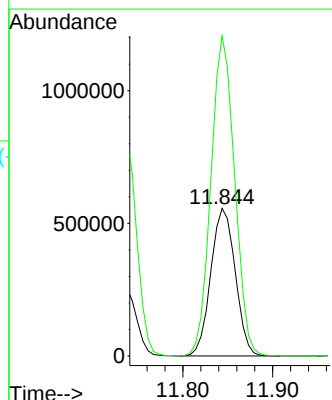
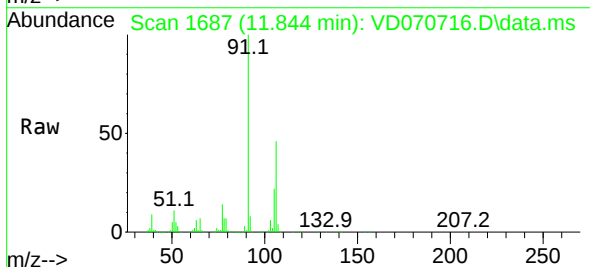
Instrument :  
MSVOA\_D  
ClientSampleId :

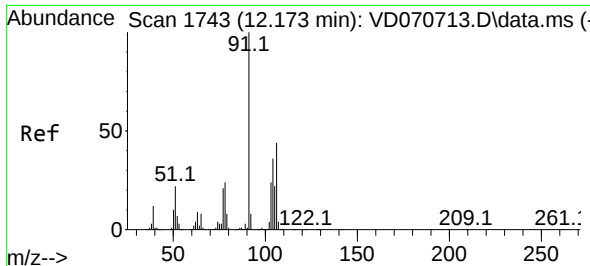
Tgt Ion: 91 Resp: 1377935  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.2 36.2



#68  
m/p-Xylenes  
Concen: 103.100 ug/l  
RT: 11.844 min Scan# 1687  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion:106 Resp: 1051879  
Ion Ratio Lower Upper  
106 100  
91 210.3 162.7 244.1

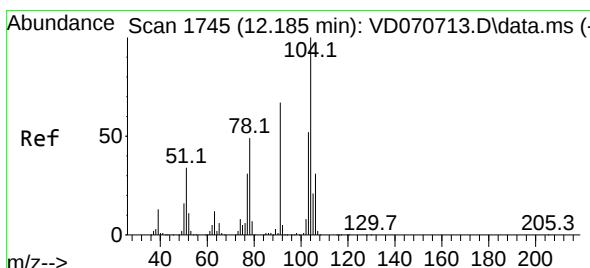
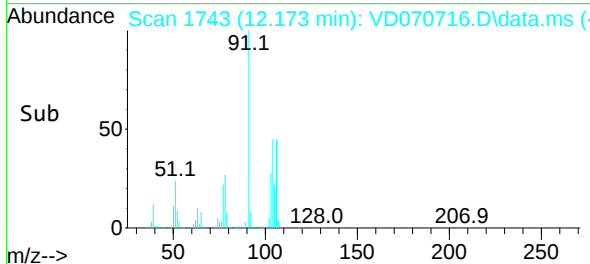
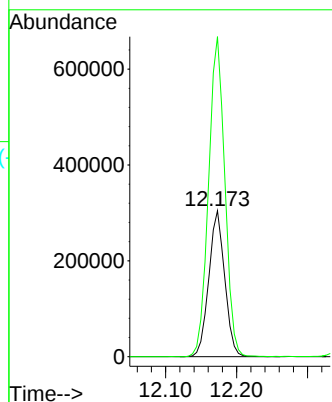
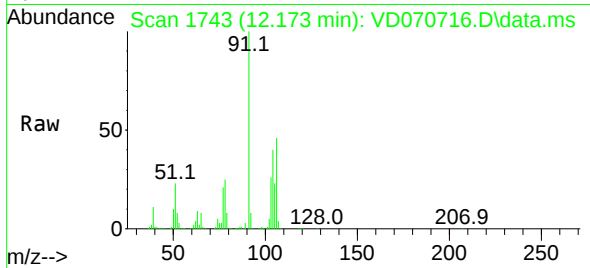




#69  
o-Xylene  
Concen: 51.239 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

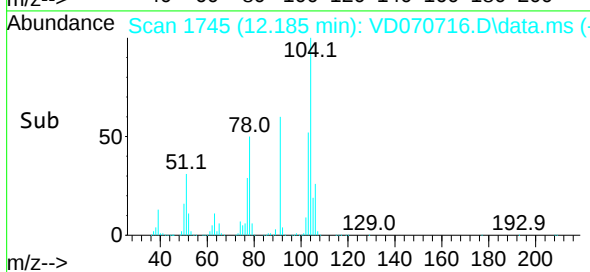
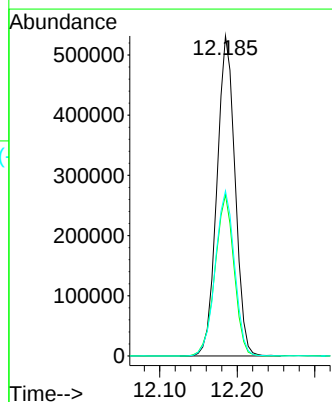
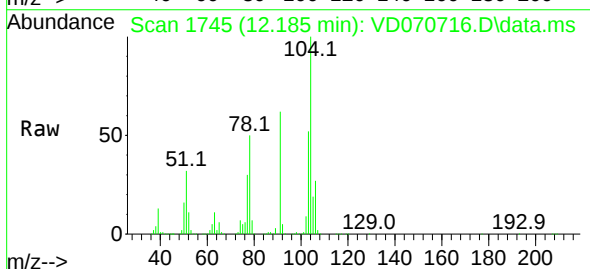
Instrument :  
MSVOA\_D  
ClientSampled :

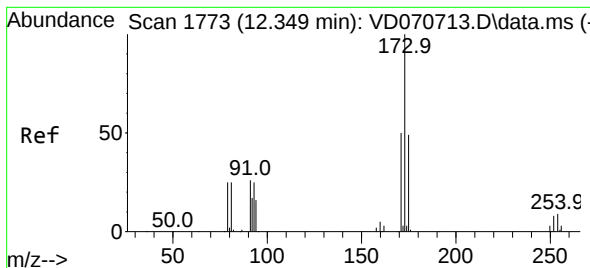
Tgt Ion:106 Resp: 474230  
Ion Ratio Lower Upper  
106 100  
91 224.7 107.8 323.6



#70  
Styrene  
Concen: 53.870 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion:104 Resp: 866654  
Ion Ratio Lower Upper  
104 100  
78 52.5 39.8 59.6  
103 55.0 43.4 65.2

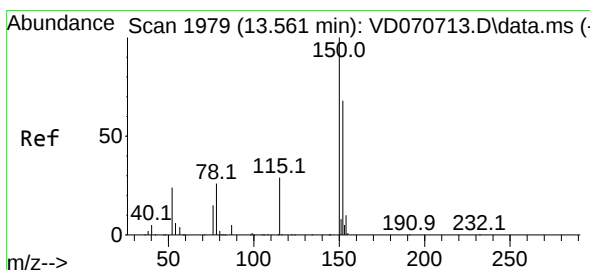
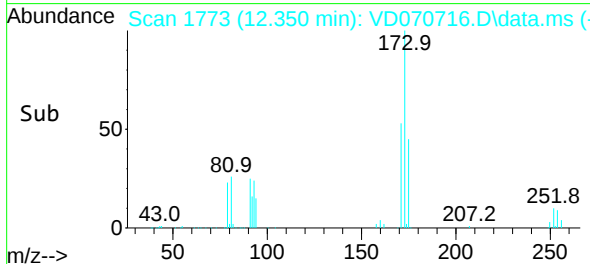
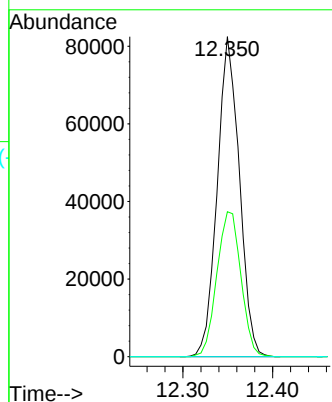
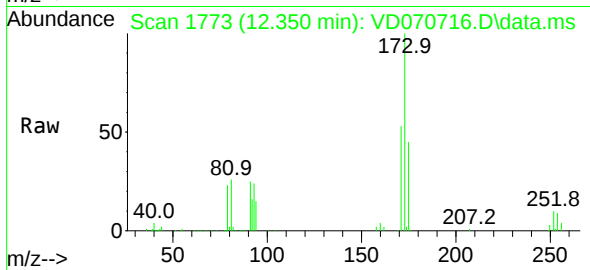




#71  
Bromoform  
Concen: 49.841 ug/l  
RT: 12.350 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

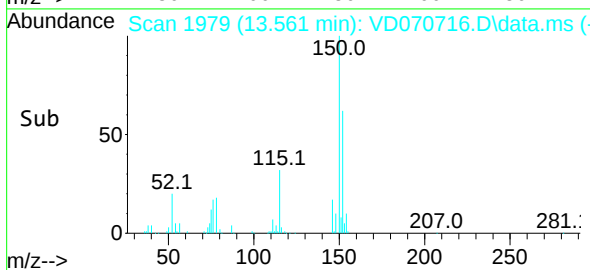
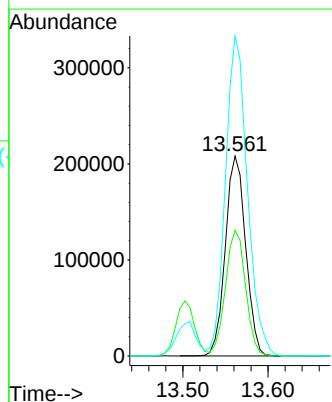
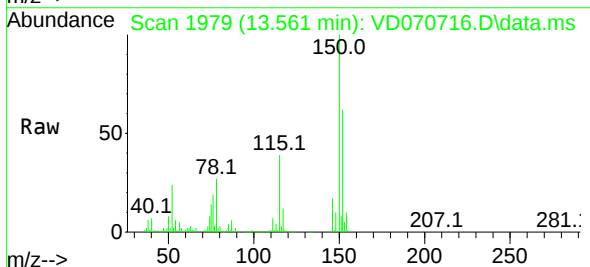
Instrument :  
MSVOA\_D  
ClientSampleId :

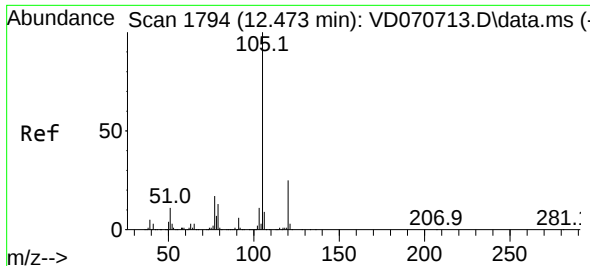
Tgt Ion:173 Resp: 141044  
Ion Ratio Lower Upper  
173 100  
175 49.3 24.4 73.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion:152 Resp: 345726  
Ion Ratio Lower Upper  
152 100  
115 62.1 31.9 95.7  
150 172.8 0.0 350.0

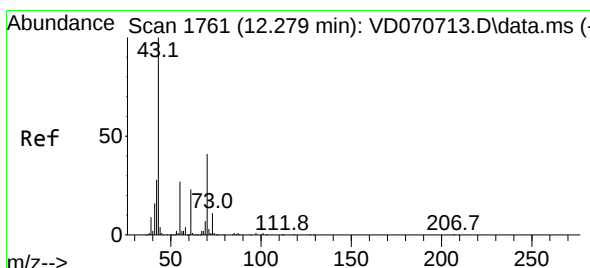
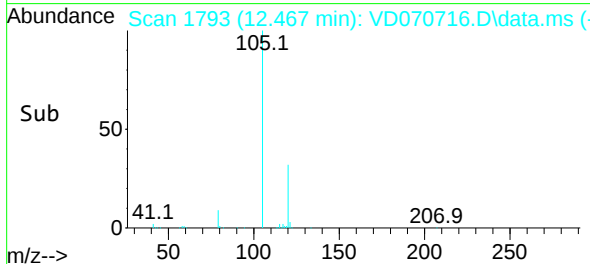
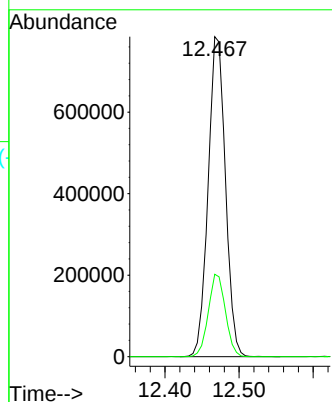
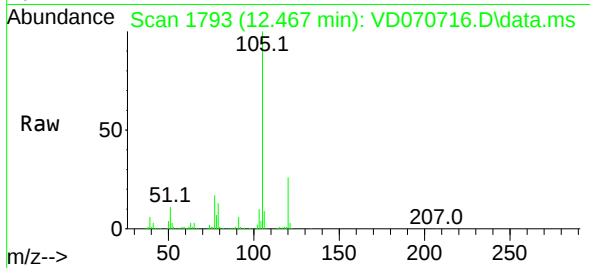




#73  
Isopropylbenzene  
Concen: 51.674 ug/l  
RT: 12.467 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

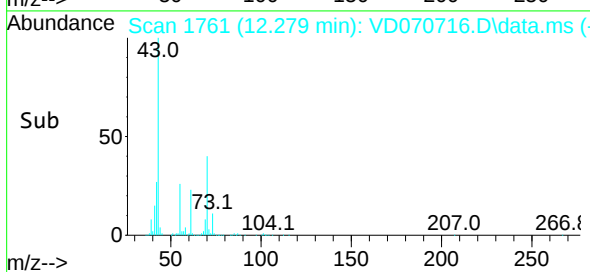
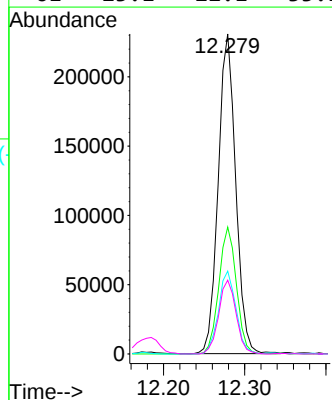
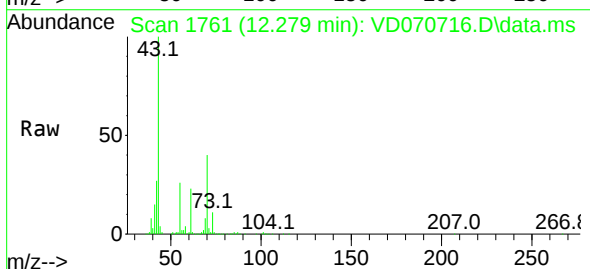
Instrument :  
MSVOA\_D  
ClientSampleId :

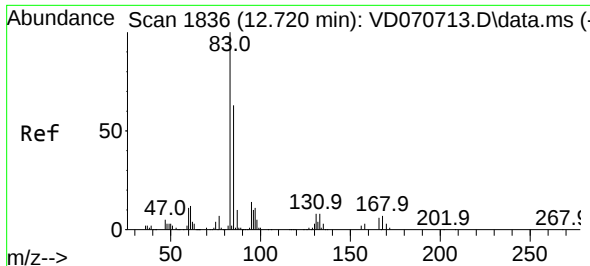
Tgt Ion:105 Resp: 1272937  
Ion Ratio Lower Upper  
105 100  
120 25.4 12.8 38.3



#74  
N-ethyl acetate  
Concen: 53.989 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 43 Resp: 346238  
Ion Ratio Lower Upper  
43 100  
70 39.8 40.0 60.0#  
55 25.9 23.8 35.6  
61 23.1 22.1 33.1

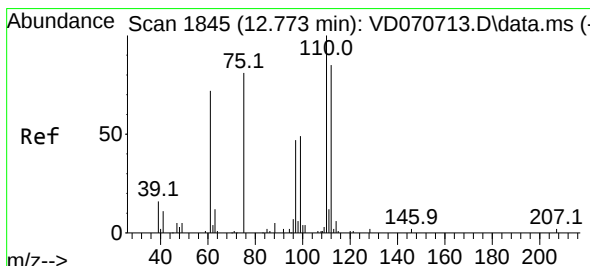
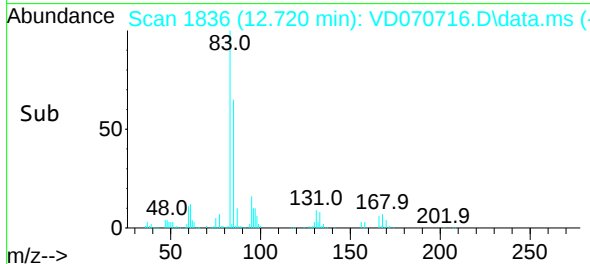
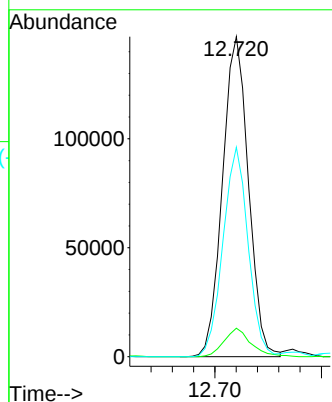
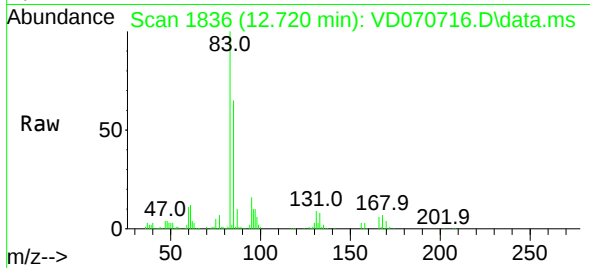




#75  
1,1,2,2-Tetrachloroethane  
Concen: 50.939 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

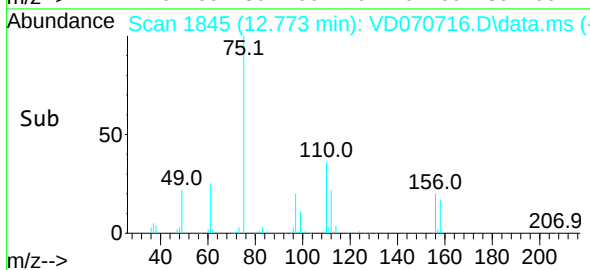
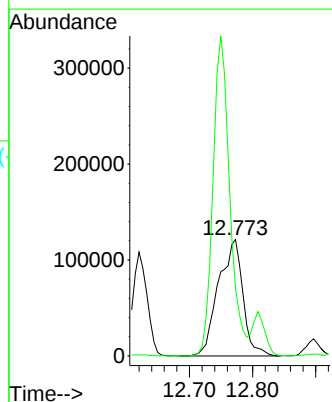
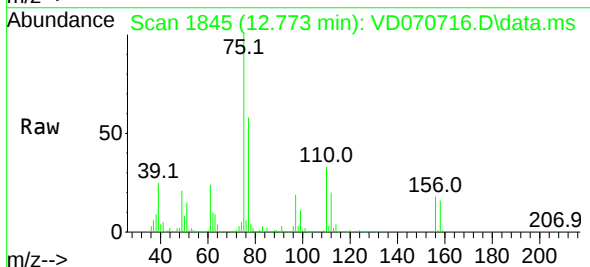
Instrument :  
MSVOA\_D  
ClientSampleId :

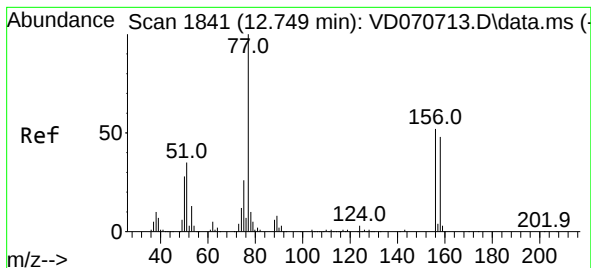
Tgt Ion: 83 Resp: 248224  
Ion Ratio Lower Upper  
83 100  
131 9.2 4.9 14.7  
85 63.5 31.9 95.7



#76  
1,2,3-Trichloropropane  
Concen: 109.424 ug/l  
RT: 12.773 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 75 Resp: 326842  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

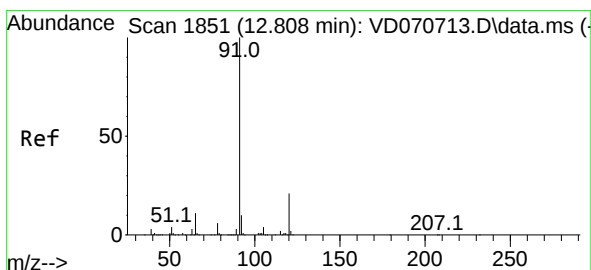
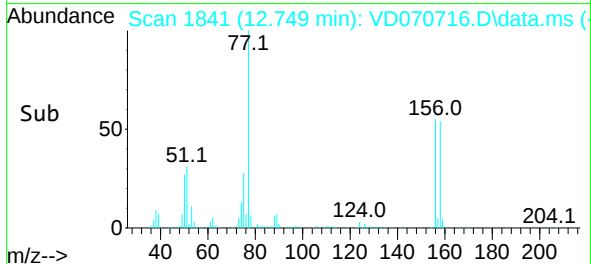
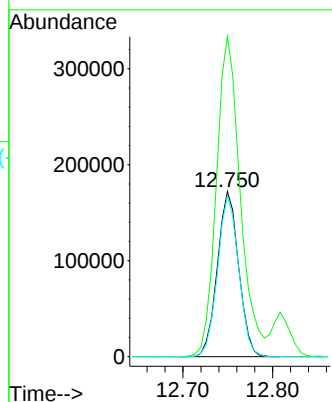
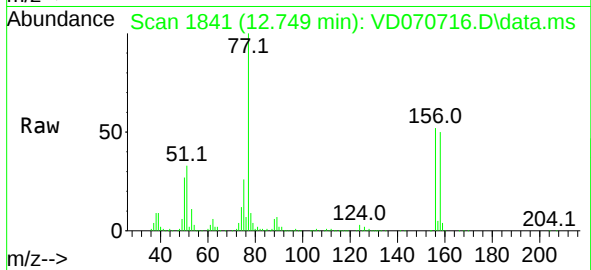




#77  
Bromobenzene  
Concen: 50.758 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

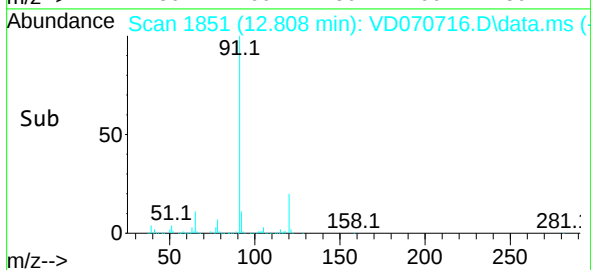
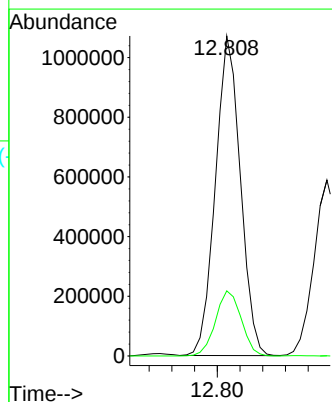
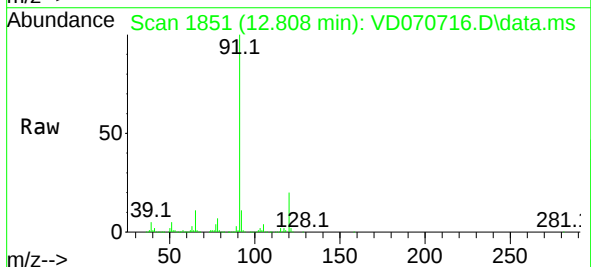
Instrument :  
MSVOA\_D  
ClientSampleId :

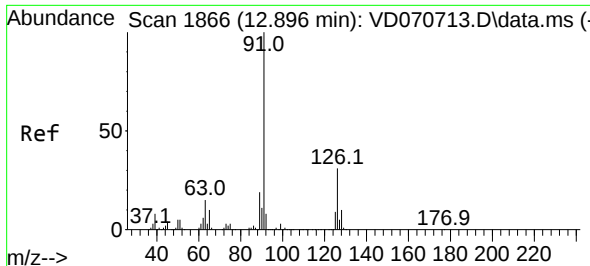
Tgt Ion:156 Resp: 283073  
Ion Ratio Lower Upper  
156 100  
77 217.7 105.7 317.1  
158 96.1 48.9 146.6



#78  
n-propylbenzene  
Concen: 51.080 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 91 Resp: 1635550  
Ion Ratio Lower Upper  
91 100  
120 20.9 10.9 32.6

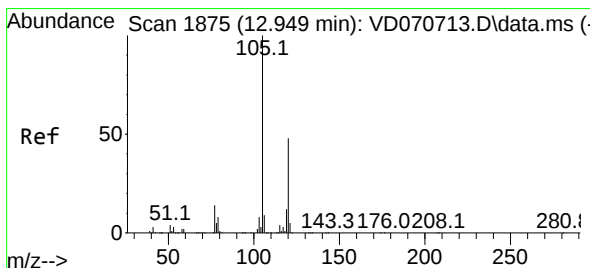
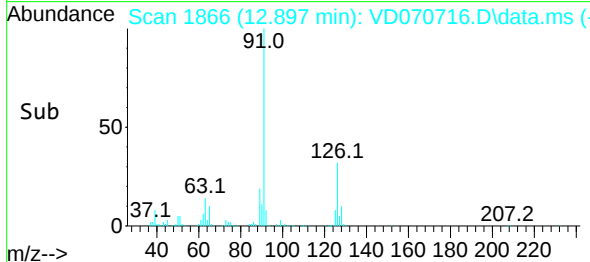
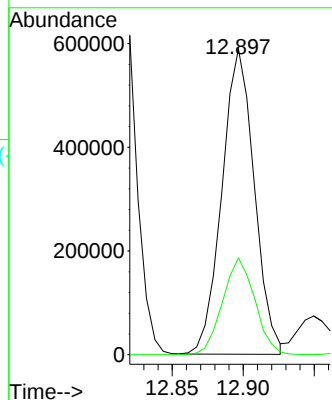
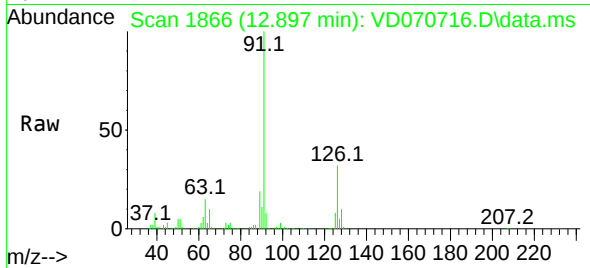




#79  
2-Chlorotoluene  
Concen: 50.436 ug/l  
RT: 12.897 min Scan# 1866  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

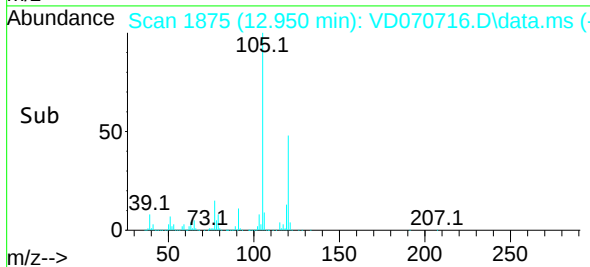
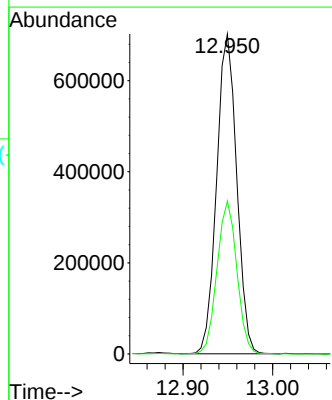
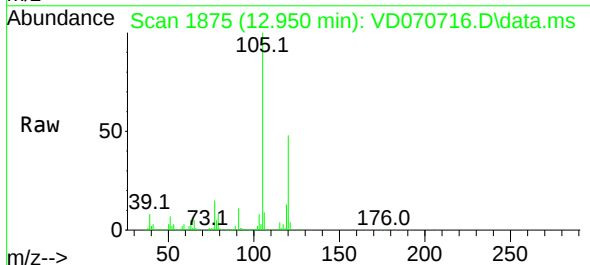
Instrument :  
MSVOA\_D  
ClientSampled :

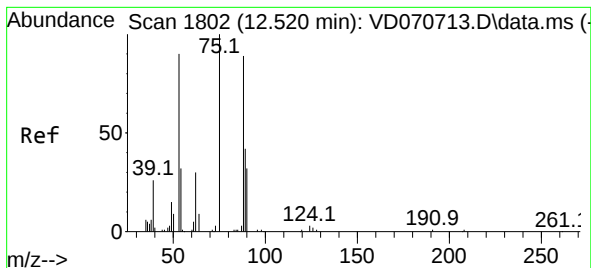
Tgt Ion: 91 Resp: 933310  
Ion Ratio Lower Upper  
91 100  
126 31.5 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 52.279 ug/l  
RT: 12.950 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 105 Resp: 1088661  
Ion Ratio Lower Upper  
105 100  
120 47.4 24.4 73.2

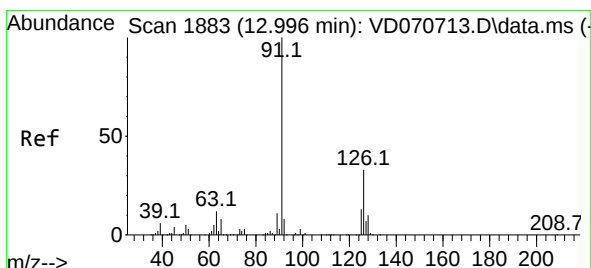
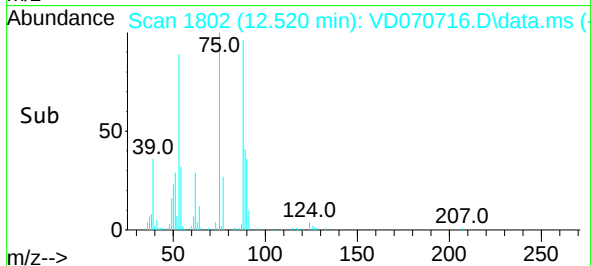
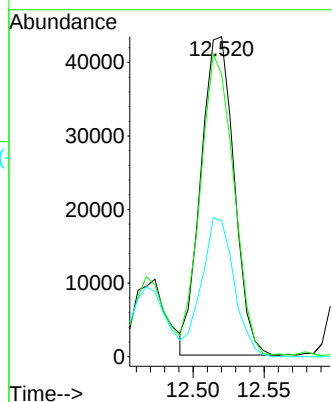
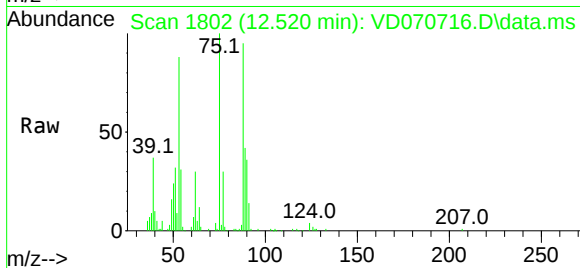




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.602 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

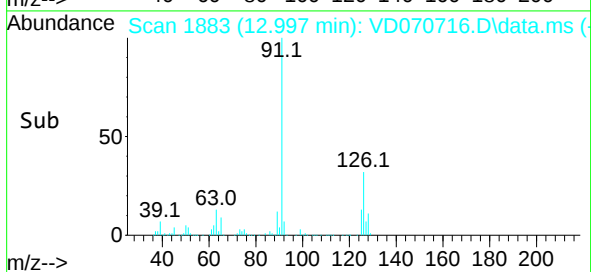
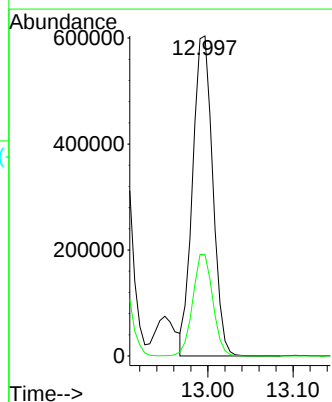
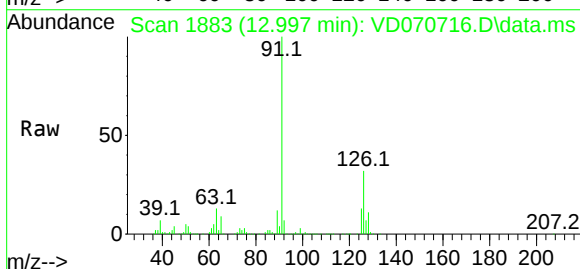
Instrument :  
MSVOA\_D  
ClientSampled :

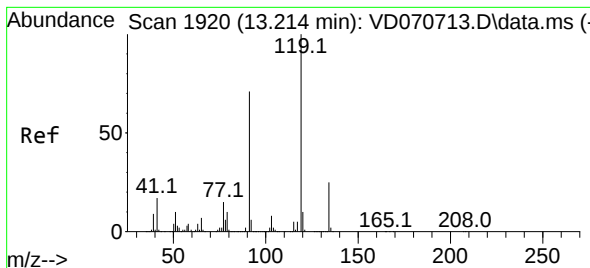
Tgt Ion: 75 Resp: 70370  
Ion Ratio Lower Upper  
75 100  
53 95.3 64.5 96.7  
89 42.8 35.3 52.9



#82  
4-Chlorotoluene  
Concen: 50.391 ug/l  
RT: 12.997 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 91 Resp: 986357  
Ion Ratio Lower Upper  
91 100  
126 31.8 16.2 48.6

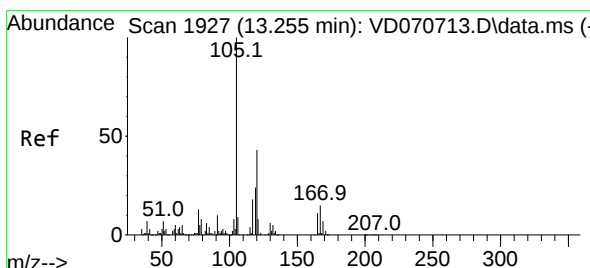
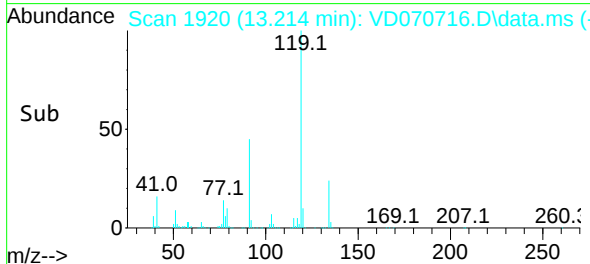
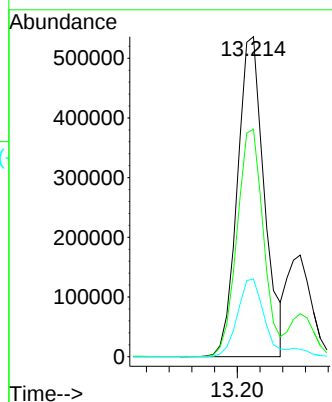
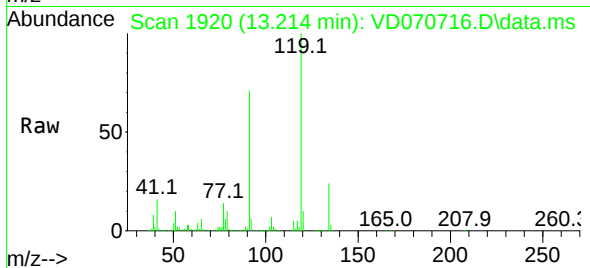




#83  
tert-Butylbenzene  
Concen: 51.241 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

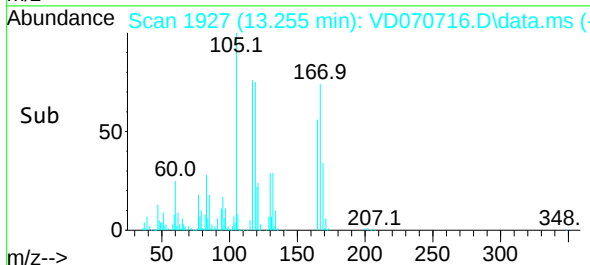
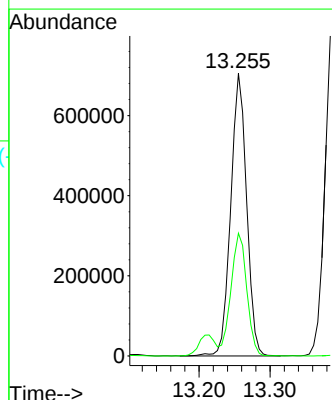
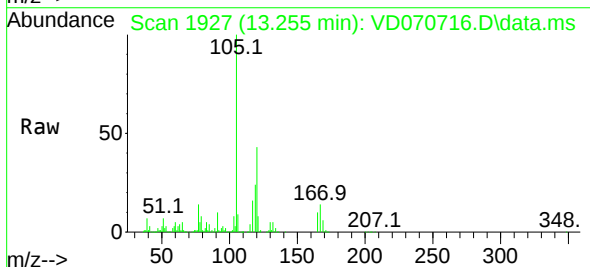
Instrument :  
MSVOA\_D  
ClientSampleId :

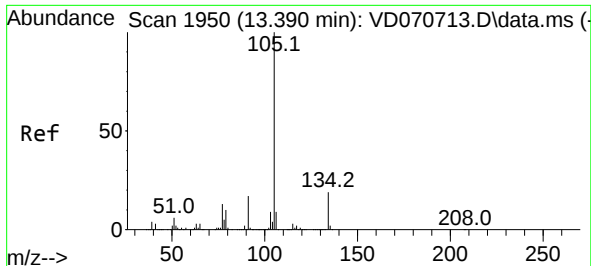
Tgt Ion:119 Resp: 881848  
Ion Ratio Lower Upper  
119 100  
91 69.6 33.1 99.3  
134 24.1 13.2 39.5



#84  
1,2,4-Trimethylbenzene  
Concen: 52.886 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion:105 Resp: 1095028  
Ion Ratio Lower Upper  
105 100  
120 43.5 21.9 65.8

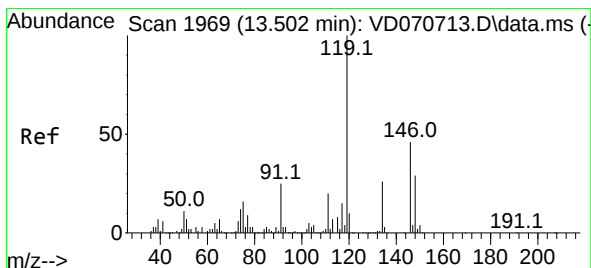
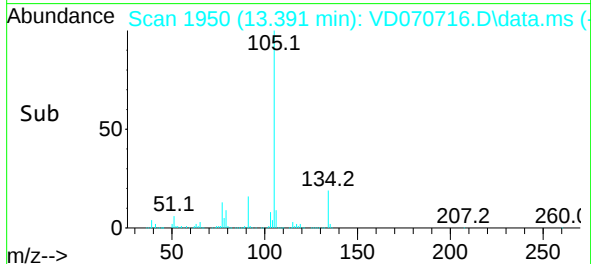
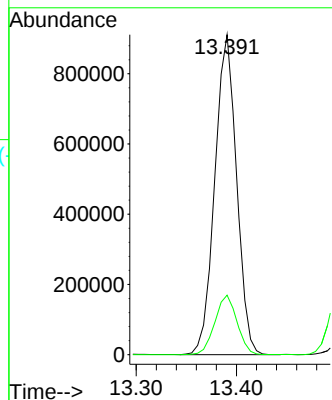
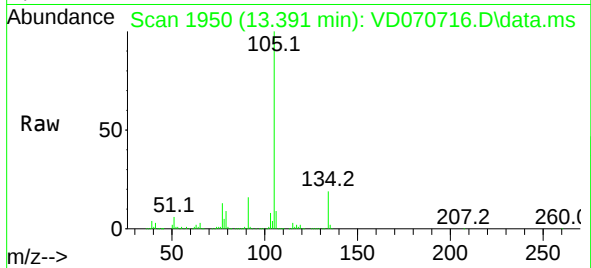




#85  
 sec-Butylbenzene  
 Concen: 50.832 ug/l  
 RT: 13.391 min Scan# 1950  
 Delta R.T. 0.000 min  
 Lab File: VD070716.D  
 Acq: 15 Oct 2021 14:03

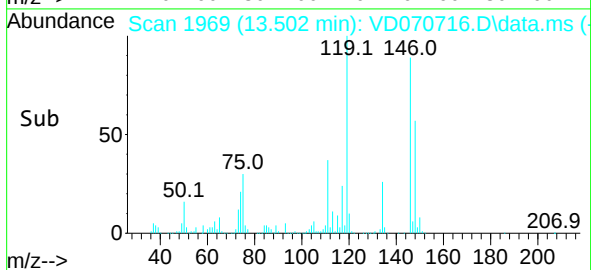
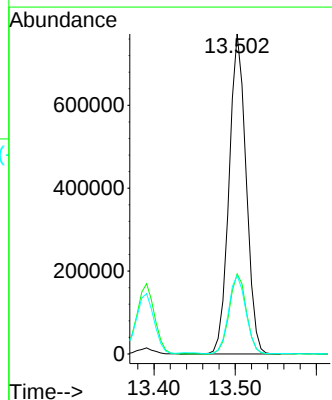
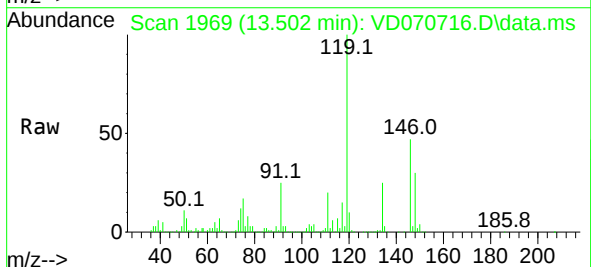
Instrument :  
 MSVOA\_D  
 ClientSampled :

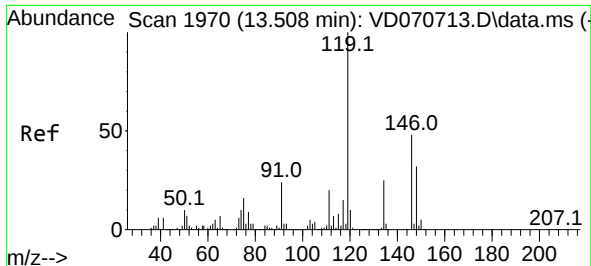
Tgt Ion:105 Resp: 1374766  
 Ion Ratio Lower Upper  
 105 100  
 134 18.9 9.3 28.0



#86  
 p-Isopropyltoluene  
 Concen: 51.749 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD070716.D  
 Acq: 15 Oct 2021 14:03

Tgt Ion:119 Resp: 1125232  
 Ion Ratio Lower Upper  
 119 100  
 134 24.9 12.5 37.5  
 91 24.8 11.9 35.5



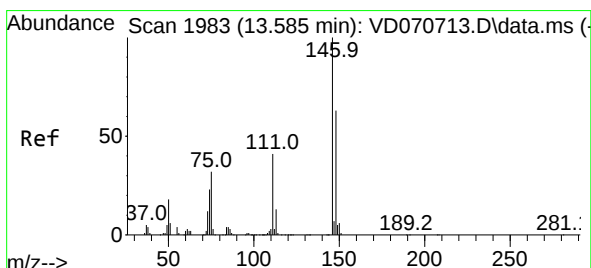
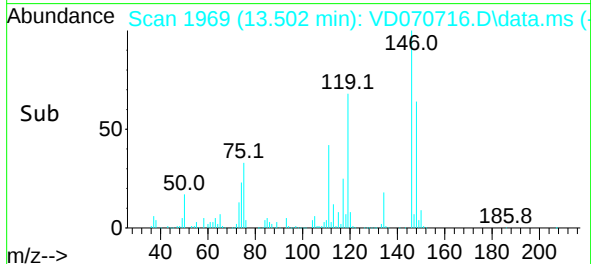
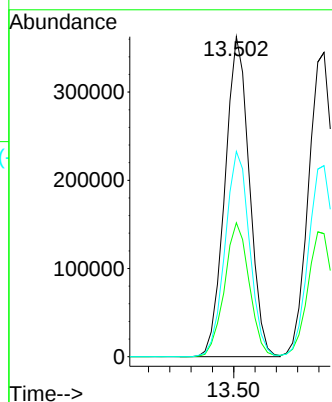
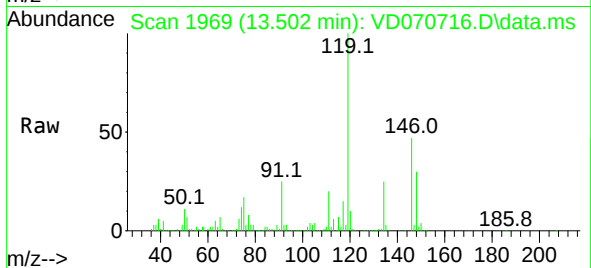


#87

1,3-Dichlorobenzene  
Concen: 49.235 ug/l  
RT: 13.502 min Scan# 1969  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Instrument :  
MSVOA\_D  
ClientSampleId :

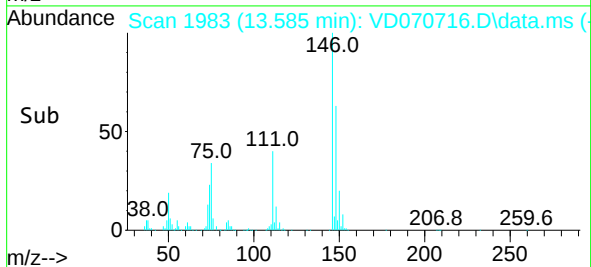
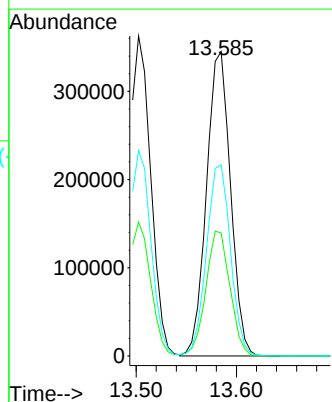
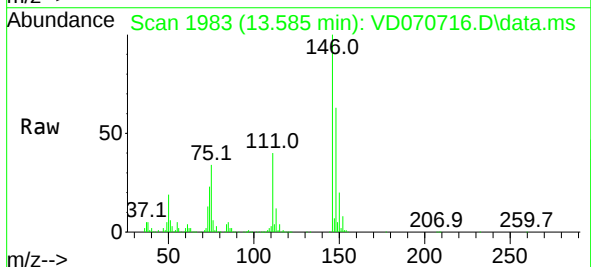
Tgt Ion:146 Resp: 576590  
Ion Ratio Lower Upper  
146 100  
111 42.4 21.4 64.2  
148 64.5 31.8 95.3

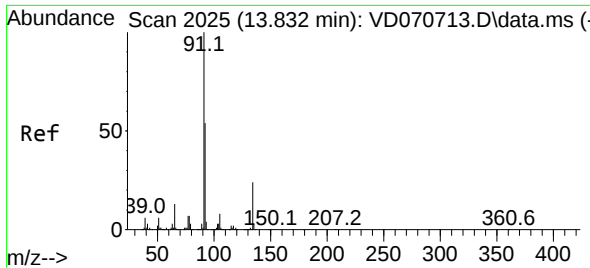


#88

1,4-Dichlorobenzene  
Concen: 49.668 ug/l  
RT: 13.585 min Scan# 1983  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion:146 Resp: 574383  
Ion Ratio Lower Upper  
146 100  
111 41.1 21.1 63.4  
148 63.1 31.6 94.8

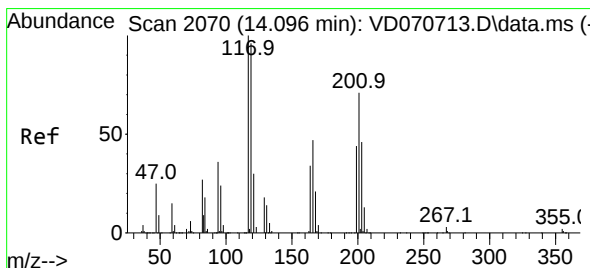
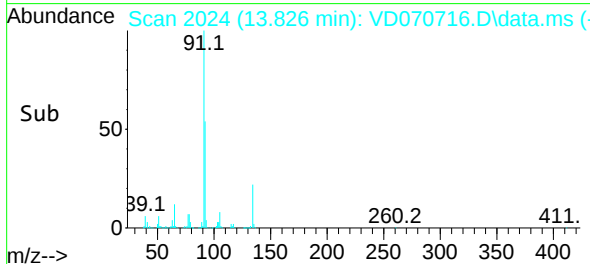
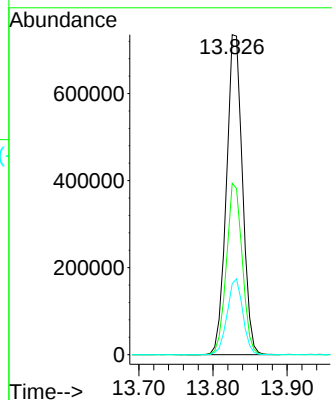
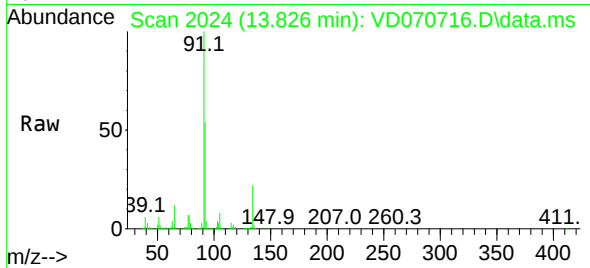




#89  
n-Butylbenzene  
Concen: 50.305 ug/l  
RT: 13.826 min Scan# 2024  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

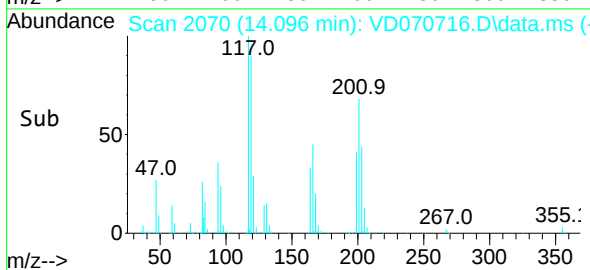
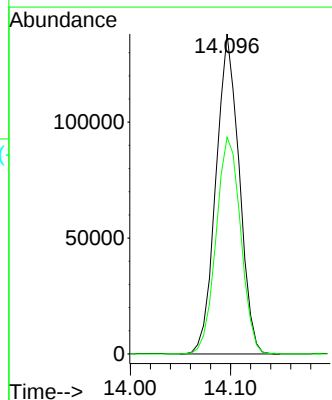
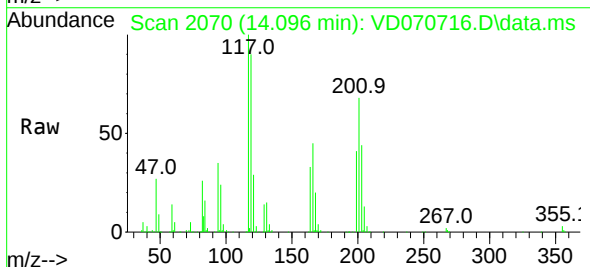
Instrument :  
MSVOA\_D  
ClientSampleId :

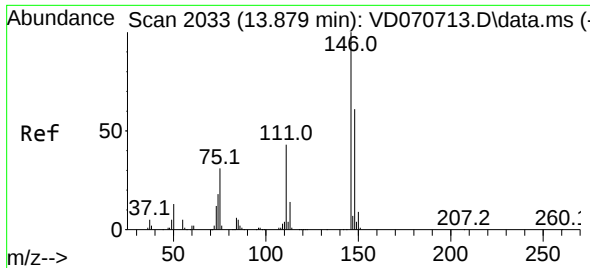
Tgt Ion: 91 Resp: 1103878  
Ion Ratio Lower Upper  
91 100  
92 52.9 26.8 80.4  
134 23.1 12.2 36.4



#90  
Hexachloroethane  
Concen: 47.377 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 117 Resp: 222294  
Ion Ratio Lower Upper  
117 100  
201 71.6 31.9 95.9

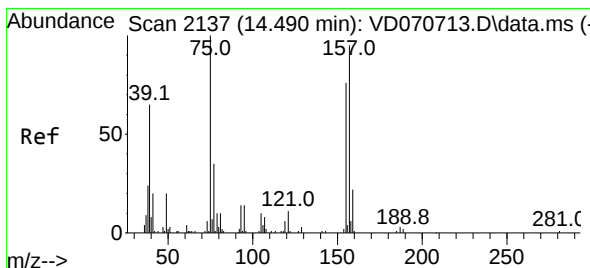
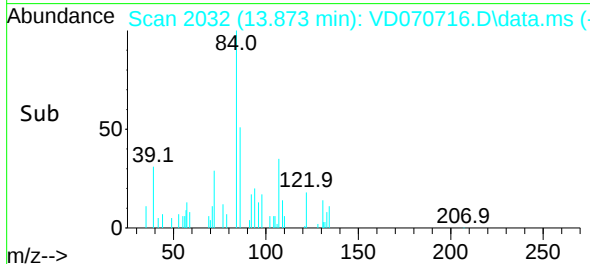
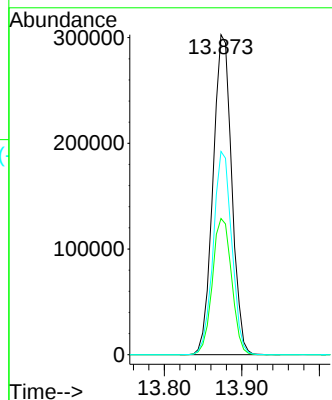
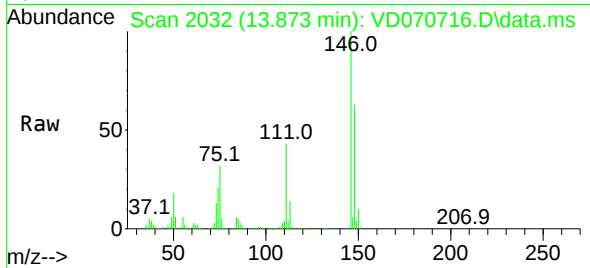




#91  
1,2-Dichlorobenzene  
Concen: 50.691 ug/l  
RT: 13.873 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

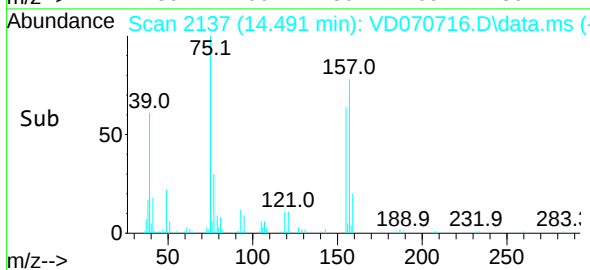
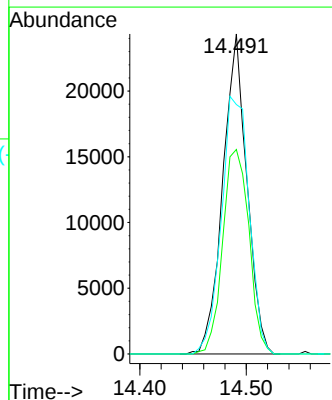
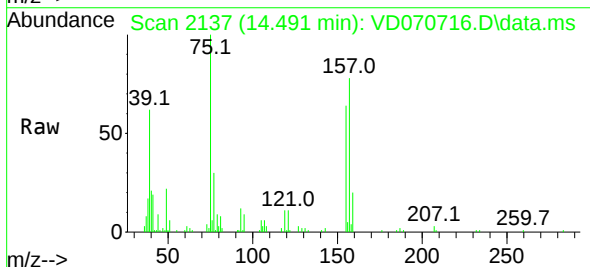
Instrument :  
MSVOA\_D  
ClientSampleId :

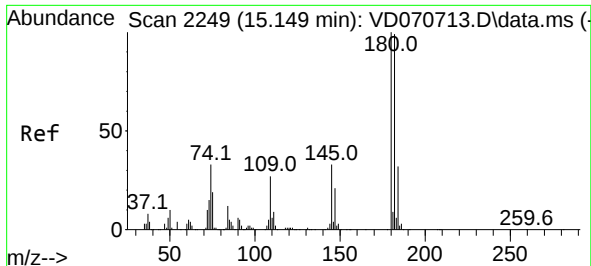
Tgt Ion:146 Resp: 507370  
Ion Ratio Lower Upper  
146 100  
111 43.7 22.8 68.4  
148 63.0 32.4 97.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.104 ug/l  
RT: 14.491 min Scan# 2137  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion: 75 Resp: 38165  
Ion Ratio Lower Upper  
75 100  
155 69.6 38.1 114.5  
157 92.9 47.6 142.9

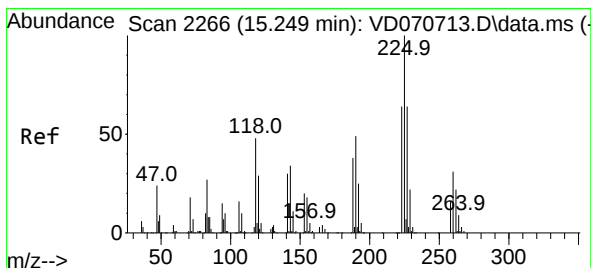
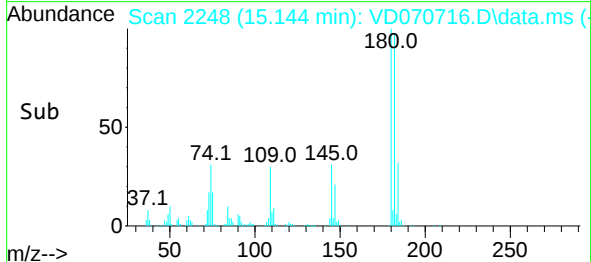
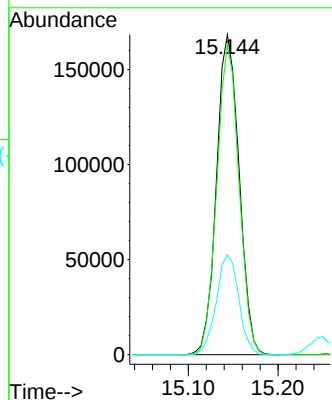
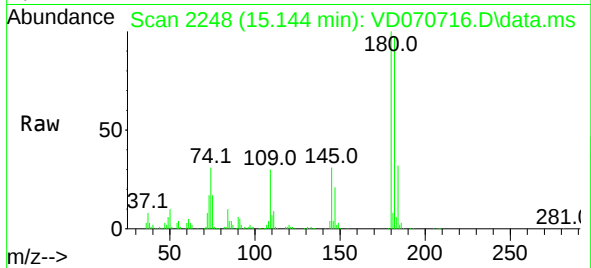




#93  
1,2,4-Trichlorobenzene  
Concen: 51.441 ug/l  
RT: 15.144 min Scan# 2248  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

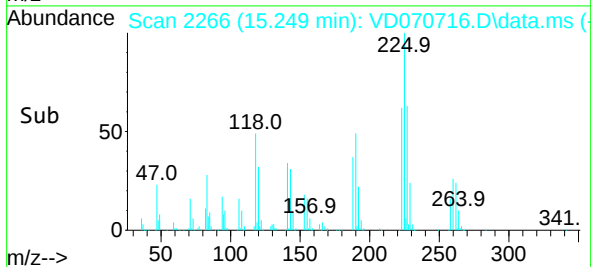
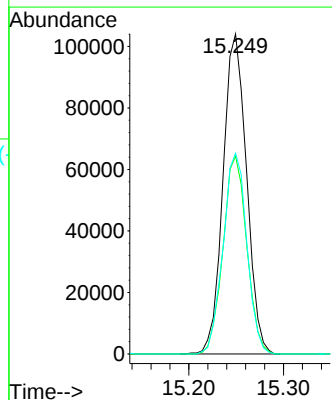
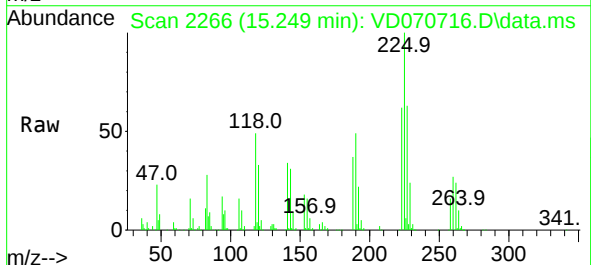
Instrument :  
MSVOA\_D  
ClientSampled :

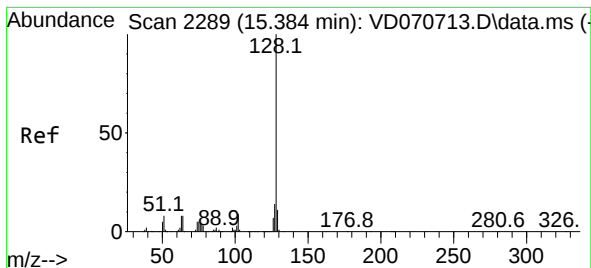
Tgt Ion:180 Resp: 294523  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.5 142.5  
145 31.1 16.9 50.7



#94  
Hexachlorobutadiene  
Concen: 47.722 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. 0.000 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion:225 Resp: 179168  
Ion Ratio Lower Upper  
225 100  
223 62.5 31.2 93.6  
227 63.2 32.2 96.6

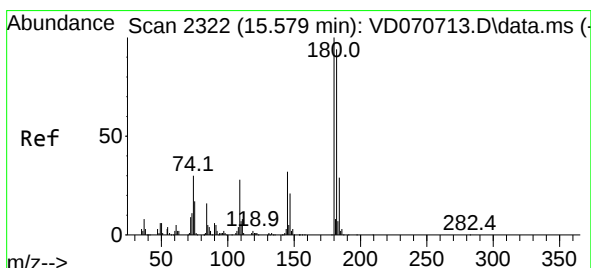
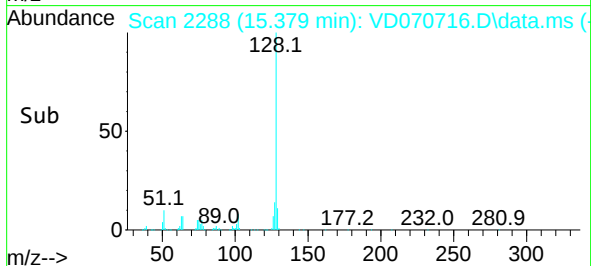
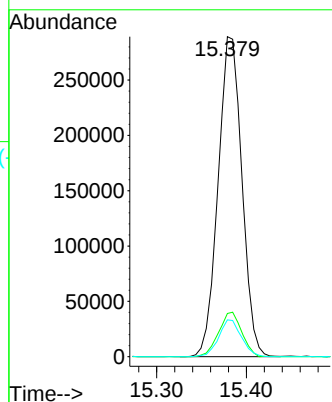
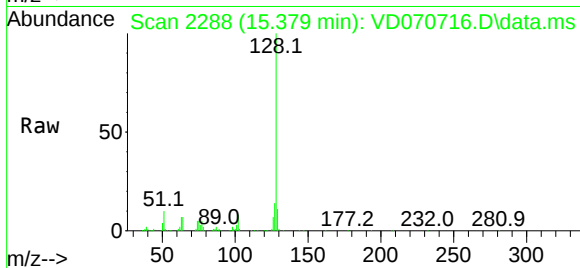




#95  
Naphthalene  
Concen: 47.868 ug/l  
RT: 15.379 min Scan# 2288  
Delta R.T. -0.005 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:128 Resp: 533216  
Ion Ratio Lower Upper  
128 100  
127 13.6 10.9 16.3  
129 11.0 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 51.030 ug/l  
RT: 15.573 min Scan# 2321  
Delta R.T. -0.006 min  
Lab File: VD070716.D  
Acq: 15 Oct 2021 14:03

Tgt Ion:180 Resp: 259597  
Ion Ratio Lower Upper  
180 100  
182 95.1 46.2 138.5  
145 34.4 17.1 51.3

