

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111524\  
 Data File : VD080022.D  
 Acq On : 15 Nov 2024 10:58  
 Operator : RP/MD  
 Sample : VSTDIC020  
 Misc : 5.00G/5ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 15 16:09:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111524S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 15 16:08:17 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.881  | 168   | 207470   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.781  | 114   | 333694   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.580 | 117   | 304255   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.516 | 152   | 161583   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.234  | 65    | 37444    | 17.529   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 35.060%# |
| 35) Dibromofluoromethane     | 7.810  | 113   | 38063    | 17.139   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 34.280%# |
| 50) Toluene-d8               | 10.269 | 98    | 145147   | 17.341   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | =      | 34.680%# |
| 62) 4-Bromofluorobenzene     | 12.574 | 95    | 47117    | 17.157   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | =      | 34.320%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.934  | 85    | 30221    | 18.150   | ug/l   | 98       |
| 3) Chloromethane             | 2.151  | 50    | 23156    | 18.911   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.287  | 62    | 25882    | 18.515   | ug/l   | 95       |
| 5) Bromomethane              | 2.687  | 94    | 28616    | 18.506   | ug/l   | 95       |
| 6) Chloroethane              | 2.840  | 64    | 18938    | 18.953   | ug/l   | 91       |
| 7) Trichlorofluoromethane    | 3.175  | 101   | 63352    | 18.451   | ug/l   | 96       |
| 8) Diethyl Ether             | 3.598  | 74    | 18096    | 18.054   | ug/l   | 87       |
| 9) 1,1,2-Trichlorotrifluo... | 3.969  | 101   | 40293    | 18.785   | ug/l   | 91       |
| 10) Methyl Iodide            | 4.163  | 142   | 49960    | 18.818   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.057  | 59    | 10999    | 98.531   | ug/l # | 92       |
| 12) 1,1-Dichloroethene       | 3.951  | 96    | 41001    | 19.072   | ug/l   | 83       |
| 13) Acrolein                 | 3.798  | 56    | 17828    | 83.582   | ug/l   | 94       |
| 14) Allyl chloride           | 4.569  | 41    | 59125    | 19.402   | ug/l   | 98       |
| 15) Acrylonitrile            | 5.263  | 53    | 43596    | 97.907   | ug/l   | 99       |
| 16) Acetone                  | 4.022  | 43    | 37909    | 81.793   | ug/l # | 86       |
| 17) Carbon Disulfide         | 4.275  | 76    | 128786   | 18.604   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.563  | 43    | 20590    | 20.031   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.322  | 73    | 83889    | 19.127   | ug/l   | 94       |
| 20) Methylene Chloride       | 4.804  | 84    | 50759    | 20.403   | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 5.322  | 96    | 44449    | 18.703   | ug/l   | 94       |
| 22) Diisopropyl ether        | 6.216  | 45    | 123437   | 20.003   | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.157  | 43    | 338859   | 95.846   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.116  | 63    | 79716    | 19.423   | ug/l   | 99       |
| 25) 2-Butanone               | 7.087  | 43    | 57703    | 95.273   | ug/l   | 92       |
| 26) 2,2-Dichloropropane      | 7.081  | 77    | 68644    | 19.241   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.081  | 96    | 51492    | 18.880   | ug/l   | 99       |
| 28) Bromochloromethane       | 7.422  | 49    | 34556    | 18.920   | ug/l # | 96       |
| 29) Tetrahydrofuran          | 7.451  | 42    | 30913    | 93.178   | ug/l   | 96       |
| 30) Chloroform               | 7.598  | 83    | 83979    | 19.422   | ug/l   | 92       |
| 31) Cyclohexane              | 7.881  | 56    | 64750    | 18.615   | ug/l   | 95       |
| 32) 1,1,1-Trichloroethane    | 7.792  | 97    | 70650    | 19.093   | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.010  | 75    | 57538    | 18.947   | ug/l   | 100      |
| 37) Ethyl Acetate            | 7.175  | 43    | 24232    | 18.565   | ug/l # | 82       |
| 38) Carbon Tetrachloride     | 7.992  | 117   | 64398    | 19.409   | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.275  | 83    | 63504    | 17.564   | ug/l   | 95       |
| 40) Benzene                  | 8.251  | 78    | 180359   | 19.054   | ug/l   | 99       |

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 15 16:09:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111524S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 15 16:08:17 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.398  | 41   | 13991    | 8.863   | ug/l # | 90       |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 46713    | 19.069  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 45489    | 19.225  | ug/l   | 99       |
| 44) Trichloroethene           | 9.028  | 130  | 45515    | 18.582  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.304  | 63   | 43886    | 19.293  | ug/l   | 99       |
| 46) Dibromomethane            | 9.398  | 93   | 25318    | 19.135  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.586  | 83   | 63022    | 19.030  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.380  | 41   | 21459    | 18.997  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.386  | 88   | 4525     | 372.814 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 114924   | 95.733  | ug/l   | 98       |
| 52) Toluene                   | 10.333 | 92   | 109805   | 18.667  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.551 | 75   | 56000    | 18.969  | ug/l   | 91       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 67497    | 19.312  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.733 | 97   | 33419    | 19.092  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.598 | 69   | 37039    | 18.197  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.880 | 76   | 54029    | 18.974  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 66445    | 86.309  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.922 | 43   | 81441    | 92.232  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.075 | 129  | 42654    | 18.931  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.180 | 107  | 31586    | 19.138  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.810 | 164  | 40964    | 18.906  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.604 | 112  | 124572   | 18.769  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.680 | 131  | 44230    | 19.145  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.686 | 91   | 206092   | 18.506  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.792 | 106  | 166351   | 38.223  | ug/l   | 98       |
| 69) o-Xylene                  | 12.122 | 106  | 73527    | 18.794  | ug/l   | 94       |
| 70) Styrene                   | 12.133 | 104  | 134490   | 19.260  | ug/l   | 99       |
| 71) Bromoform                 | 12.298 | 173  | 26209    | 19.241  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.422 | 105  | 192187   | 18.444  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.227 | 43   | 41904    | 18.251  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 37794    | 18.873  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.716 | 75   | 47026    | 18.993  | ug/l # | 100      |
| 77) Bromobenzene              | 12.698 | 156  | 50581    | 18.678  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.763 | 91   | 240557   | 18.680  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.845 | 91   | 143286   | 18.974  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 167256   | 18.965  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 13278    | 19.046  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.945 | 91   | 155234   | 19.228  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.163 | 119  | 139175   | 18.222  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 167670   | 18.926  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.345 | 105  | 211232   | 18.710  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.457 | 119  | 177158   | 18.564  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 105146   | 19.174  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.533 | 146  | 103949   | 18.875  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.786 | 91   | 160004   | 17.822  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.051 | 117  | 38237    | 18.691  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.827 | 146  | 90973    | 19.026  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.451 | 75   | 5811     | 19.190  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 55280    | 18.436  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.204 | 225  | 28314    | 17.472  | ug/l   | 96       |
| 95) Naphthalene               | 15.327 | 128  | 90760    | 17.821  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.521 | 180  | 48547    | 18.437  | ug/l   | 99       |

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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
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Quant Title : SW846 8260  
QLast Update : Fri Nov 15 16:08:17 2024  
Response via : Initial Calibration

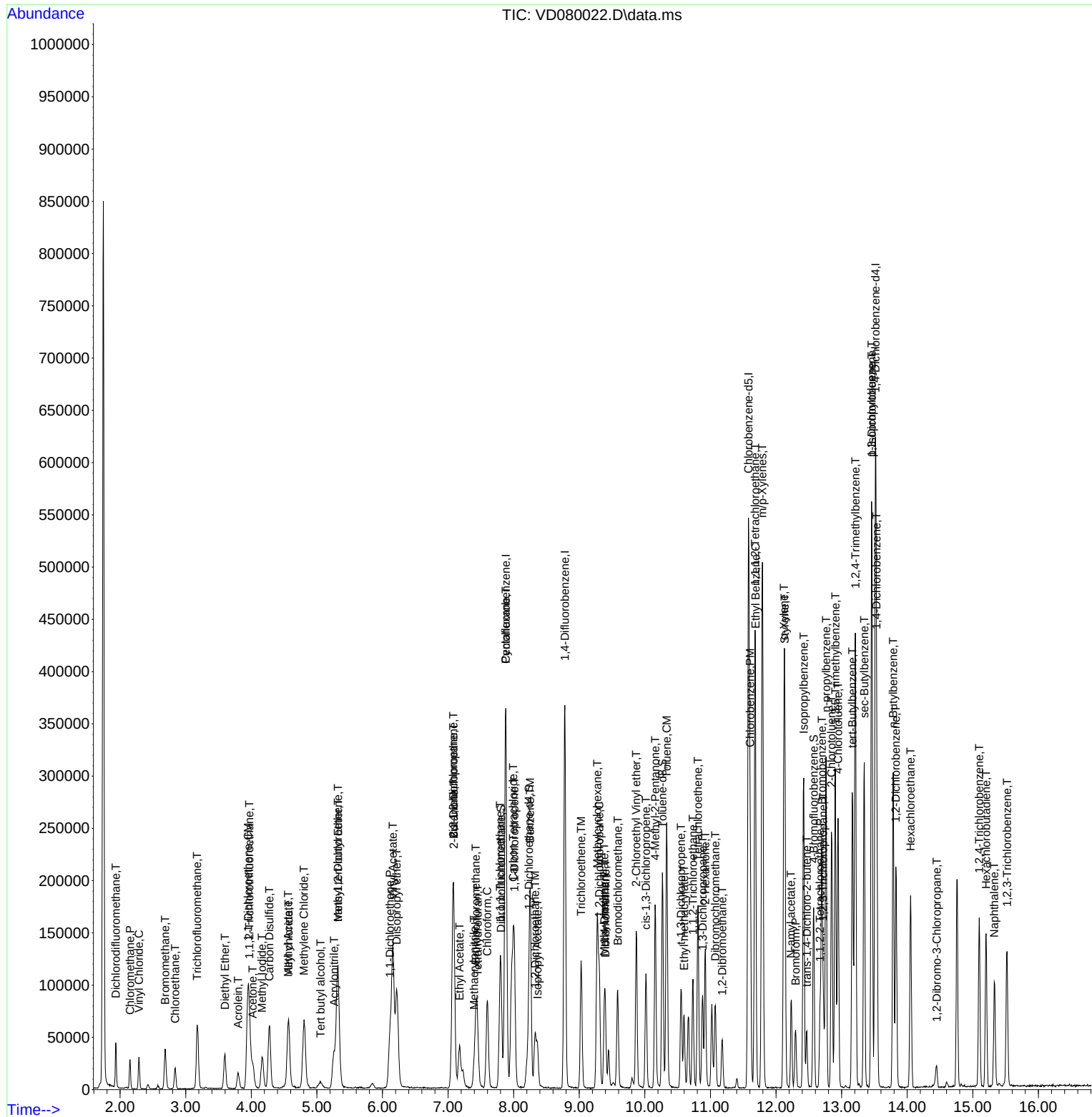
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

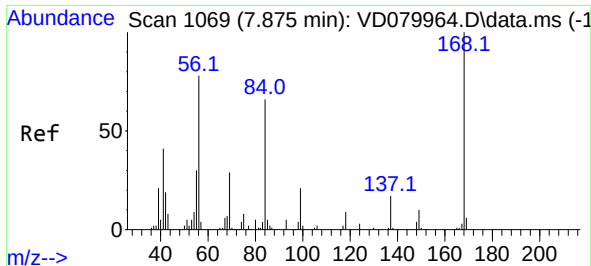
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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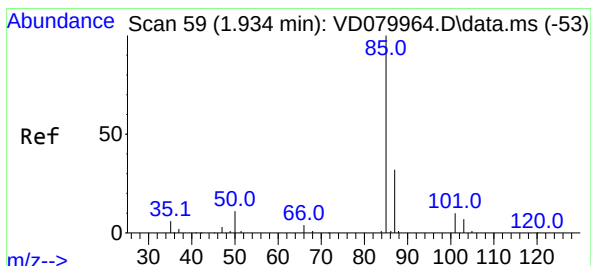
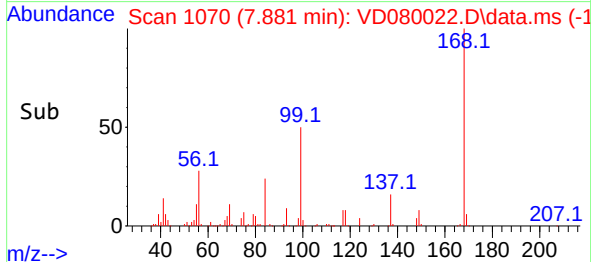
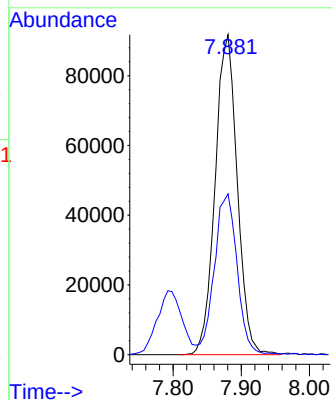
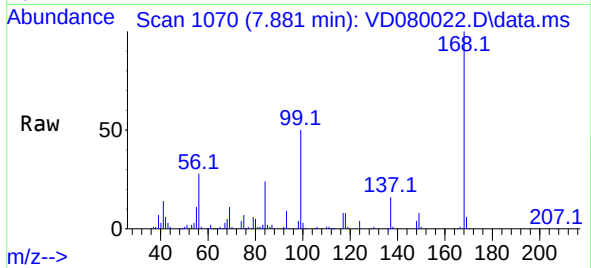




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.881 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

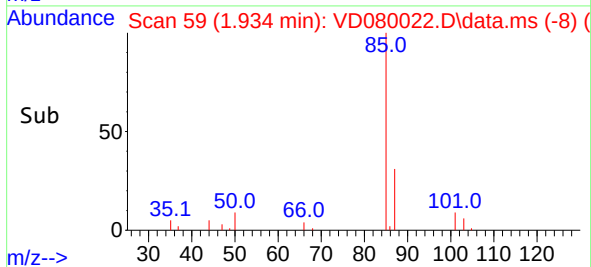
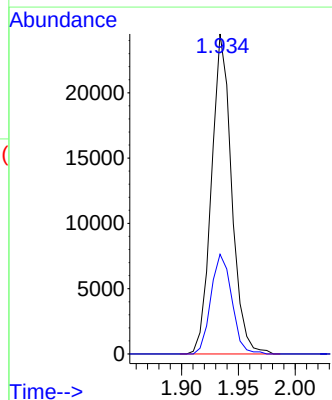
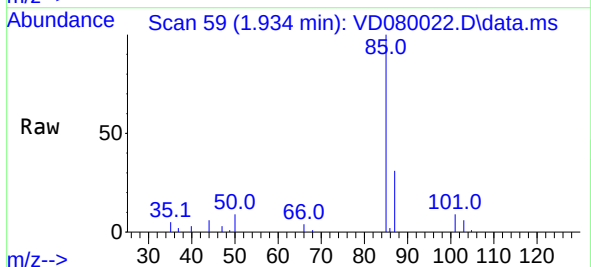
Instrument :  
MSVOA\_D  
ClientSampleId :

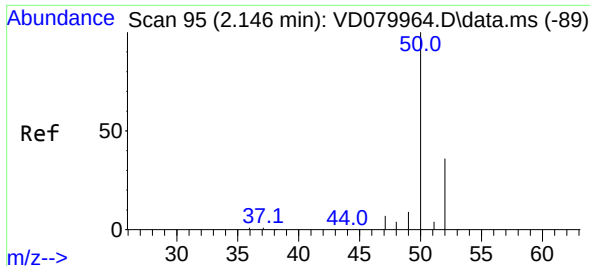
Tgt Ion:168 Resp: 207470  
Ion Ratio Lower Upper  
168 100  
99 50.0 46.0 69.0



#2  
Dichlorodifluoromethane  
Concen: 18.150 ug/l  
RT: 1.934 min Scan# 59  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion: 85 Resp: 30221  
Ion Ratio Lower Upper  
85 100  
87 31.2 16.1 48.2

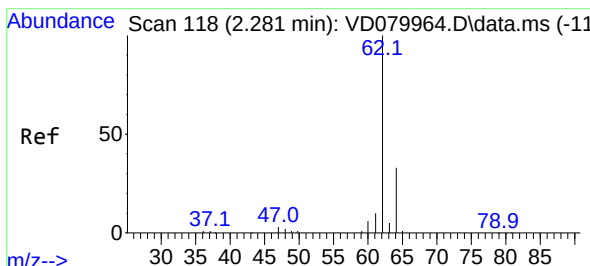
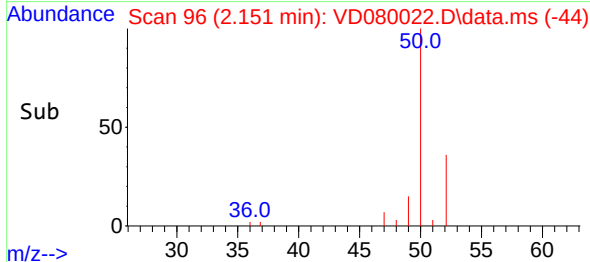
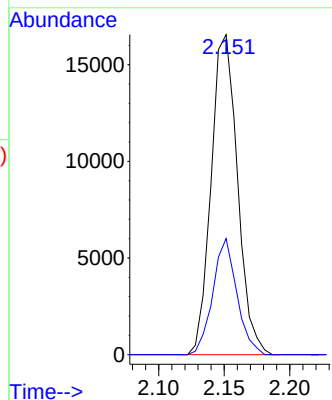
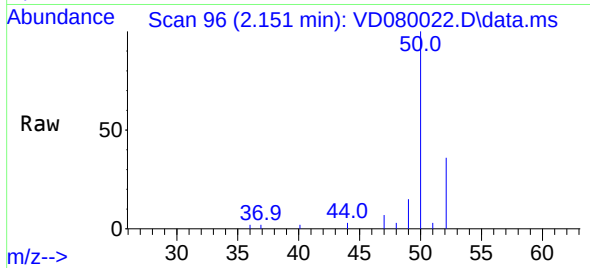




#3  
Chloromethane  
Concen: 18.911 ug/l  
RT: 2.151 min Scan# 90  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

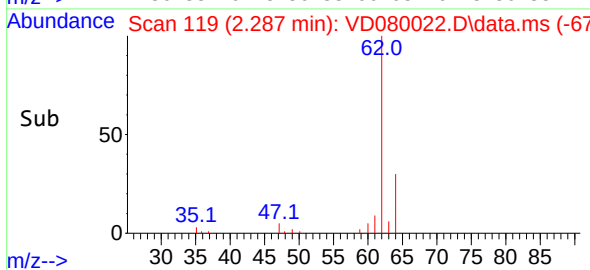
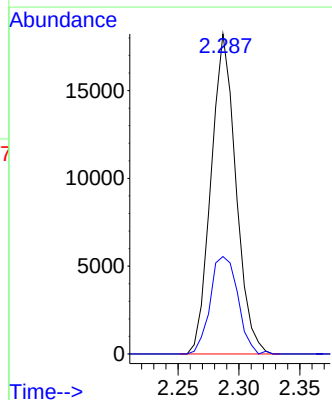
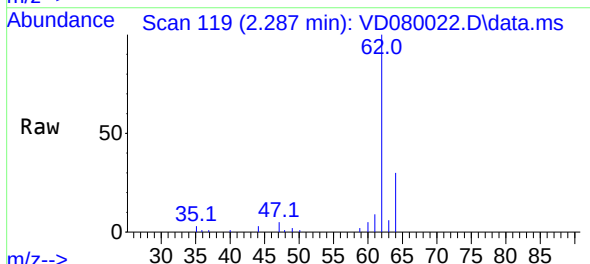
Instrument :  
MSVOA\_D  
ClientSampleId :

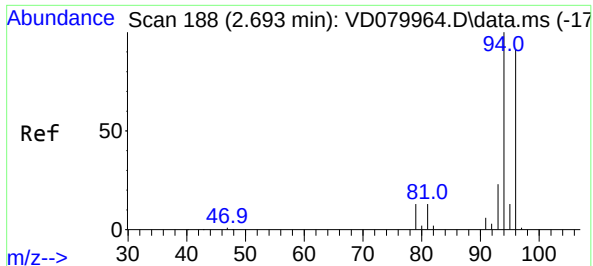
Tgt Ion: 50 Resp: 23156  
Ion Ratio Lower Upper  
50 100  
52 36.3 28.8 43.2



#4  
Vinyl Chloride  
Concen: 18.515 ug/l  
RT: 2.287 min Scan# 119  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

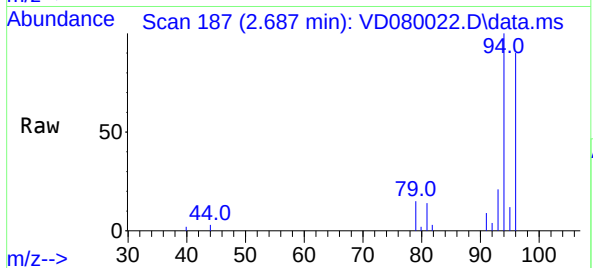
Tgt Ion: 62 Resp: 25882  
Ion Ratio Lower Upper  
62 100  
64 30.4 26.5 39.7



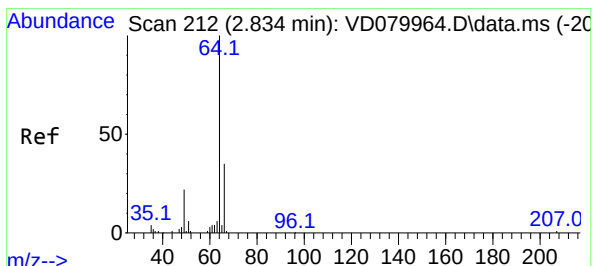
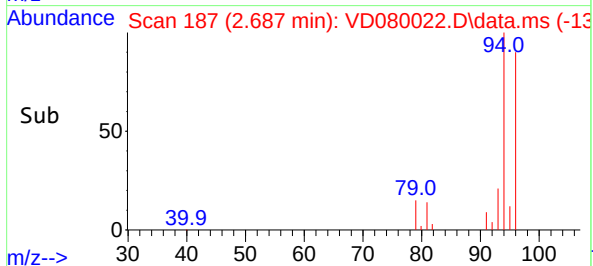
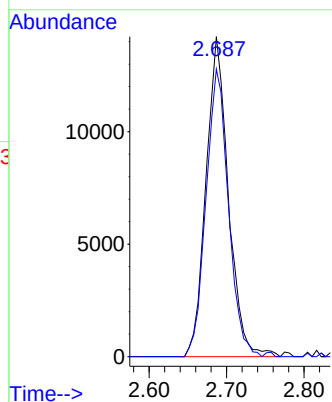


#5  
Bromomethane  
Concen: 18.506 ug/l  
RT: 2.687 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Instrument :  
MSVOA\_D  
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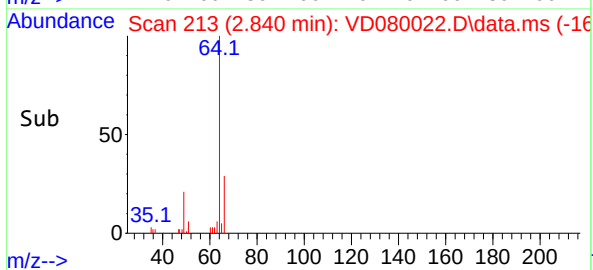
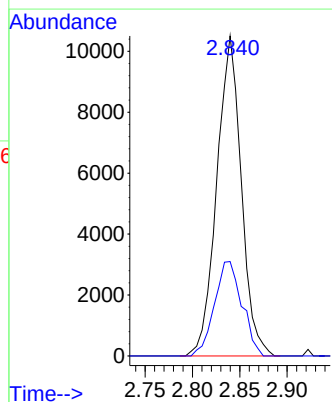
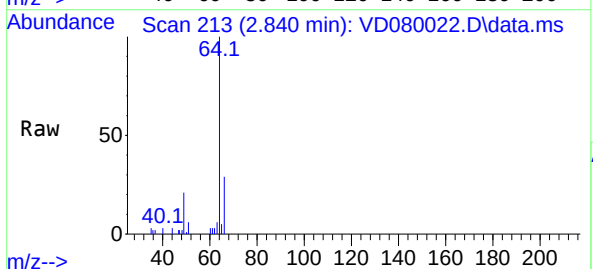


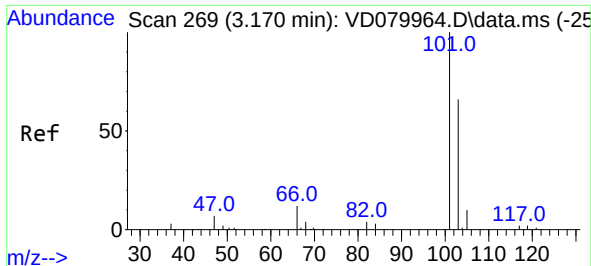
Tgt Ion: 94 Resp: 28616  
Ion Ratio Lower Upper  
94 100  
96 90.0 76.2 114.2



#6  
Chloroethane  
Concen: 18.953 ug/l  
RT: 2.840 min Scan# 213  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion: 64 Resp: 18938  
Ion Ratio Lower Upper  
64 100  
66 29.5 27.6 41.4

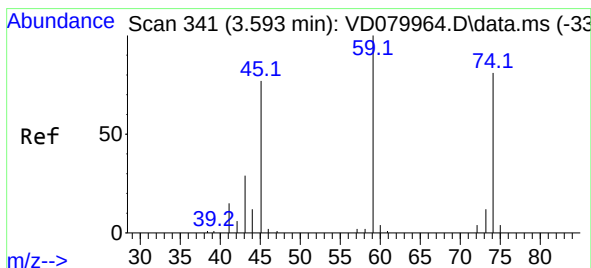
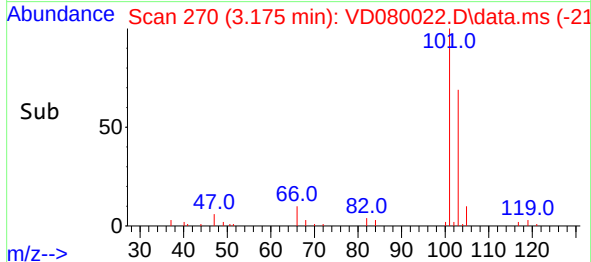
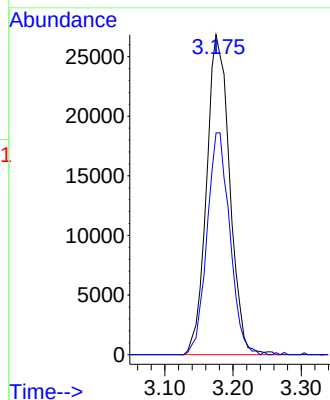
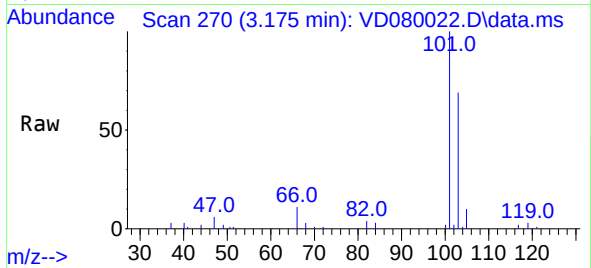




#7  
Trichlorofluoromethane  
Concen: 18.451 ug/l  
RT: 3.175 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

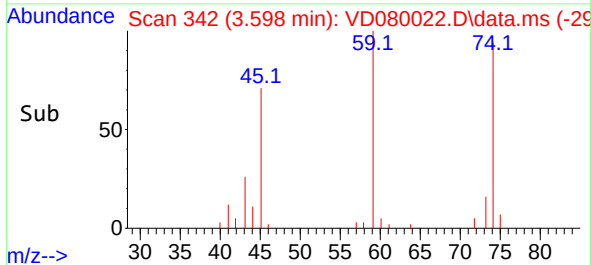
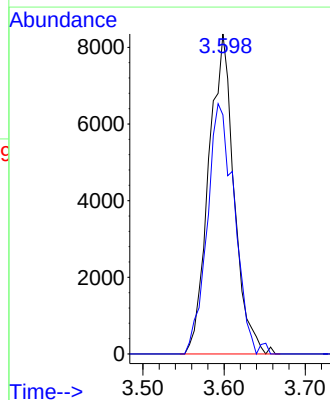
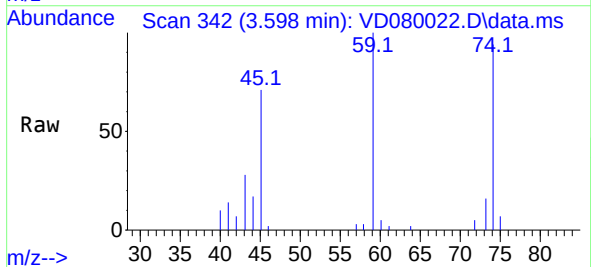
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:101 Resp: 63352  
Ion Ratio Lower Upper  
101 100  
103 69.3 53.0 79.6

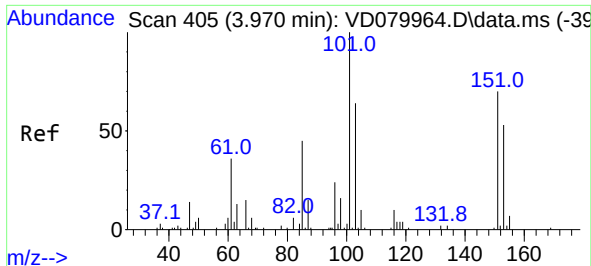


#8  
Diethyl Ether  
Concen: 18.054 ug/l  
RT: 3.598 min Scan# 342  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion: 74 Resp: 18096  
Ion Ratio Lower Upper  
74 100  
45 83.2 47.8 143.3





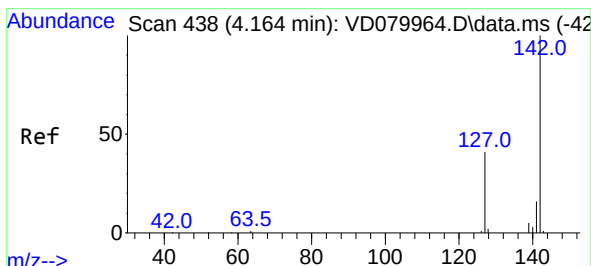
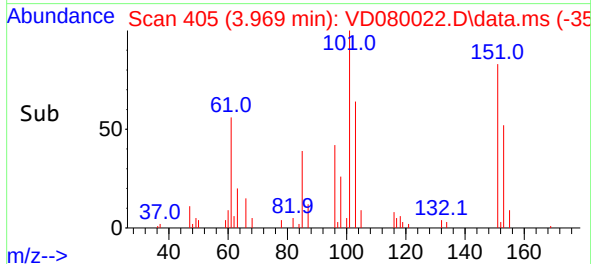
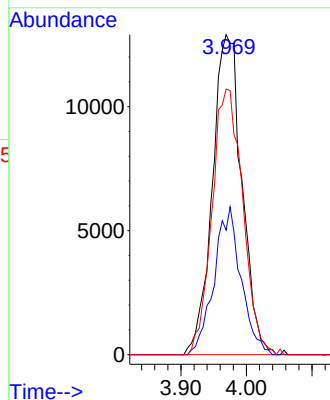
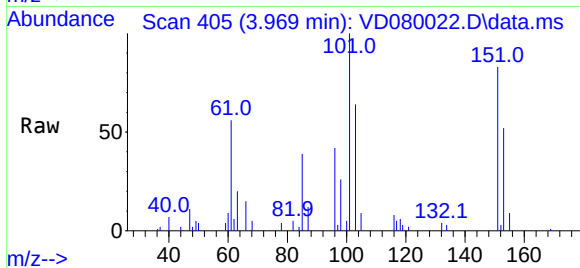


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.785 ug/l  
RT: 3.969 min Scan# 405  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:101 Resp: 40293

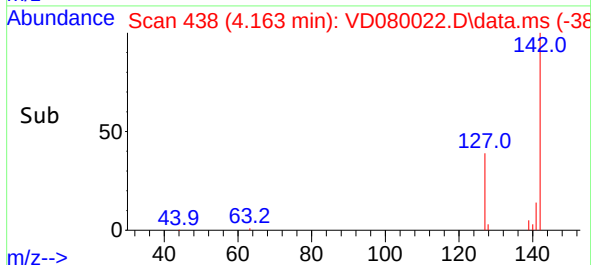
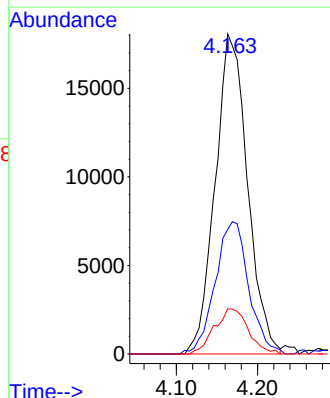
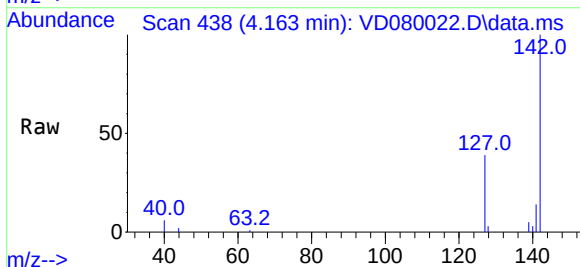
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 101 | 100   |       |       |
| 85  | 42.1  | 35.3  | 52.9  |
| 151 | 86.3  | 60.3  | 90.5  |

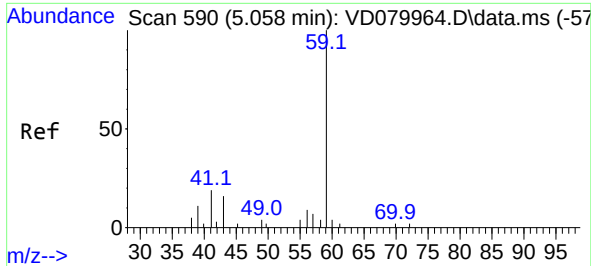


#10  
Methyl Iodide  
Concen: 18.818 ug/l  
RT: 4.163 min Scan# 438  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion:142 Resp: 49960

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 127 | 42.8  | 35.3  | 52.9  |
| 141 | 14.8  | 12.2  | 18.2  |





#11

Tert butyl alcohol

Concen: 98.531 ug/l

RT: 5.057 min Scan# 51

Delta R.T. -0.001 min

Lab File: VD080022.D

Acq: 15 Nov 2024 10:58

Instrument :

MSVOA\_D

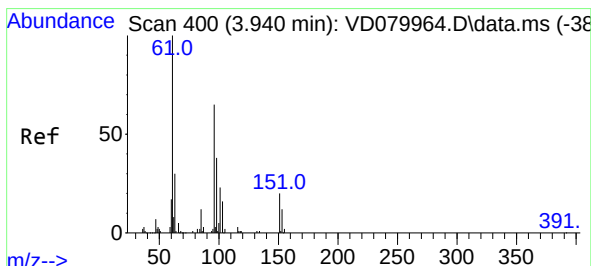
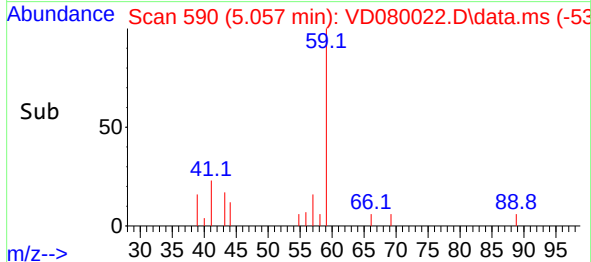
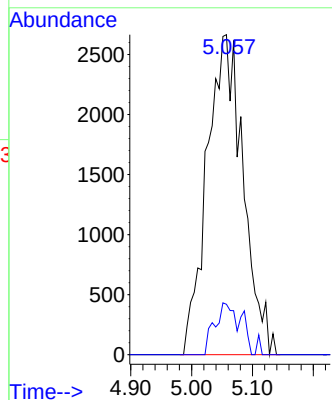
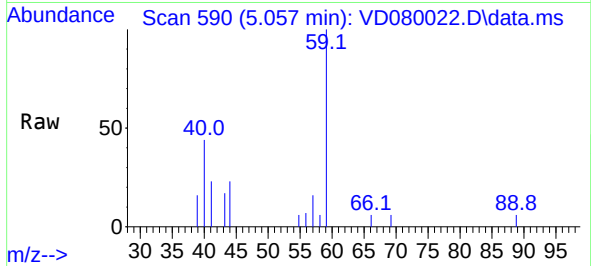
ClientSampleId :

Tgt Ion: 59 Resp: 10999

Ion Ratio Lower Upper

59 100

57 8.9 4.8 7.2#



#12

1,1-Dichloroethene

Concen: 19.072 ug/l

RT: 3.951 min Scan# 402

Delta R.T. 0.011 min

Lab File: VD080022.D

Acq: 15 Nov 2024 10:58

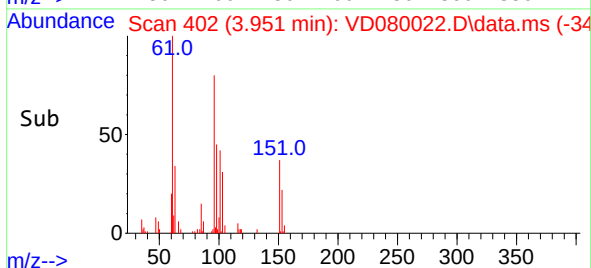
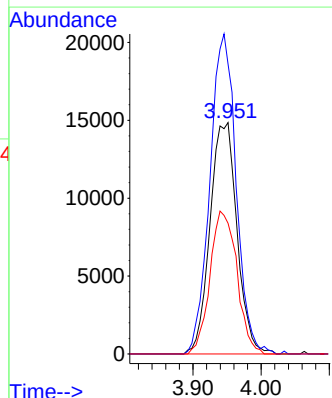
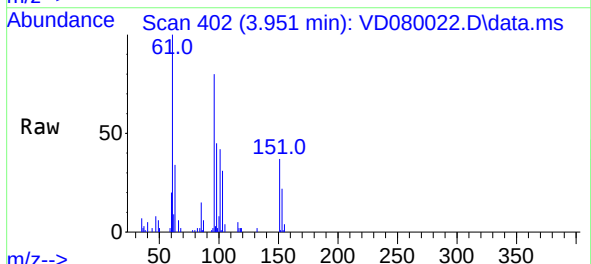
Tgt Ion: 96 Resp: 41001

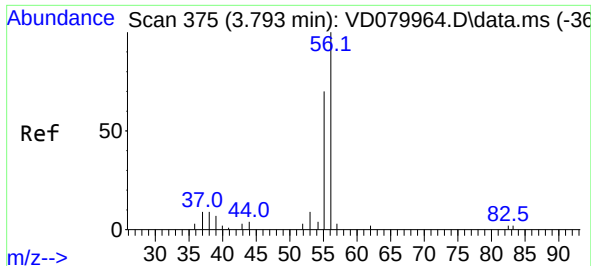
Ion Ratio Lower Upper

96 100

61 125.3 122.6 184.0

98 56.5 47.1 70.7

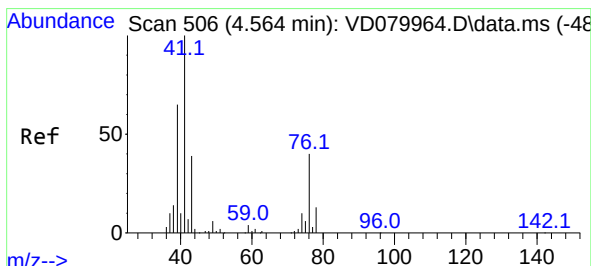
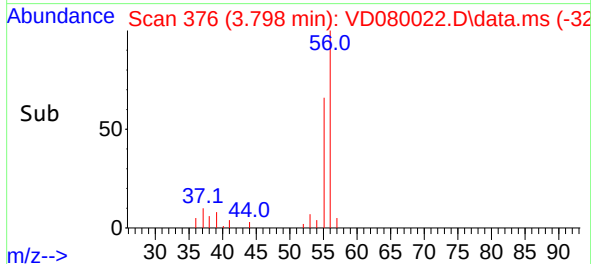
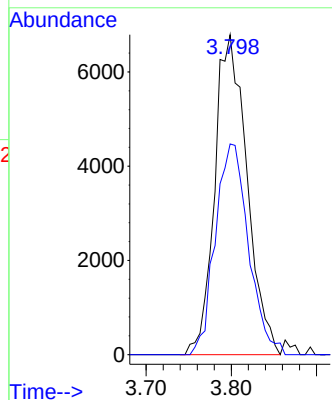
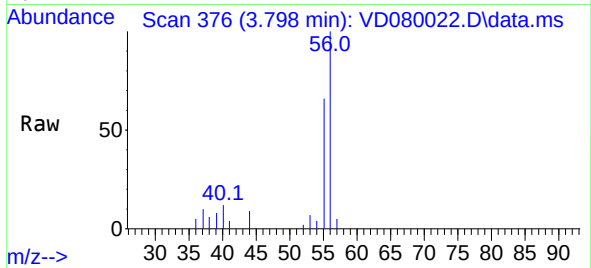




#13  
Acrolein  
Concen: 83.582 ug/l  
RT: 3.798 min Scan# 31  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

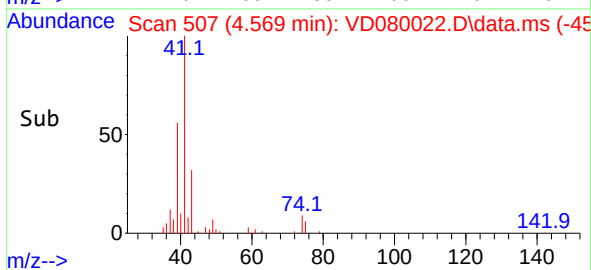
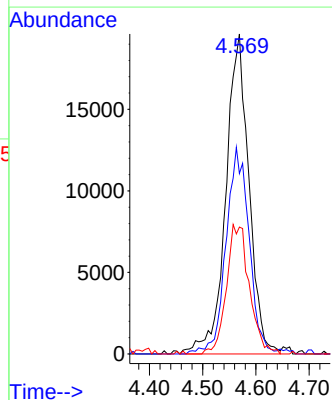
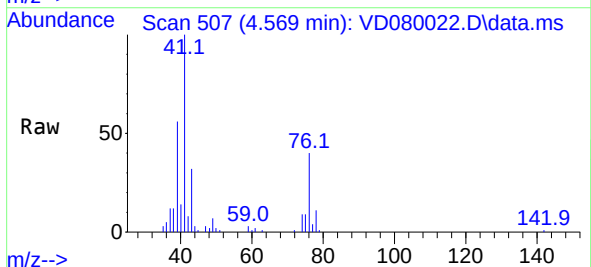
Instrument :  
MSVOA\_D  
ClientSampleId :

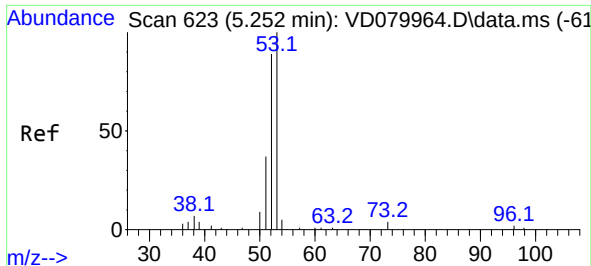
Tgt Ion: 56 Resp: 17828  
Ion Ratio Lower Upper  
56 100  
55 67.8 58.2 87.2



#14  
Allyl chloride  
Concen: 19.402 ug/l  
RT: 4.569 min Scan# 507  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion: 41 Resp: 59125  
Ion Ratio Lower Upper  
41 100  
39 64.3 53.3 79.9  
76 40.1 32.0 48.0

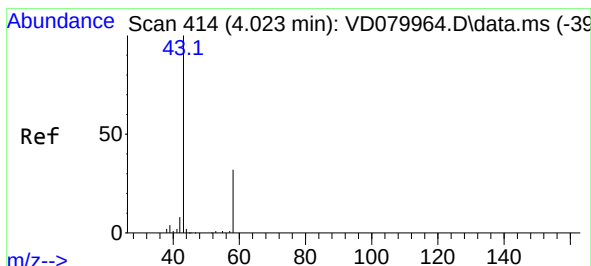
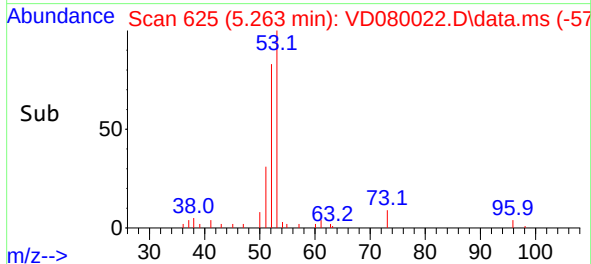
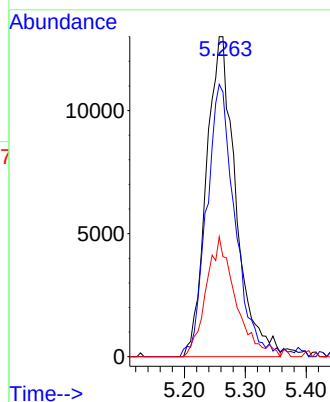
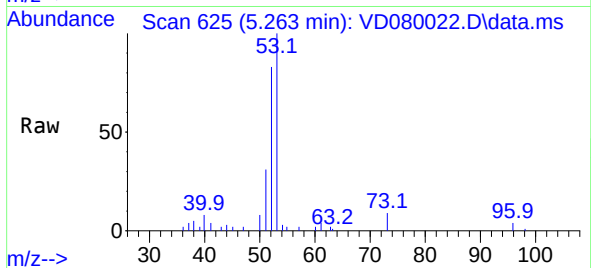




#15  
Acrylonitrile  
Concen: 97.907 ug/l  
RT: 5.263 min Scan# 61  
Delta R.T. 0.011 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

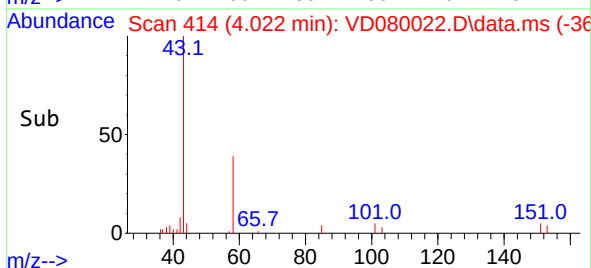
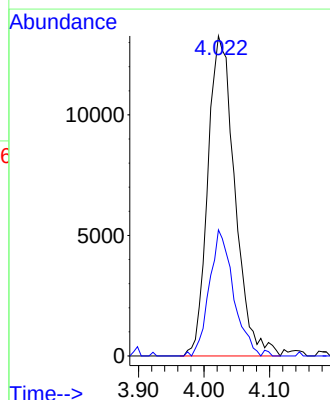
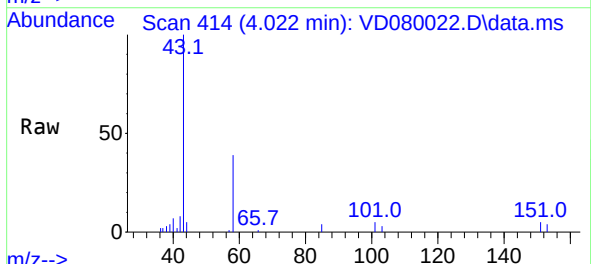
Instrument :  
MSVOA\_D  
ClientSampleId :

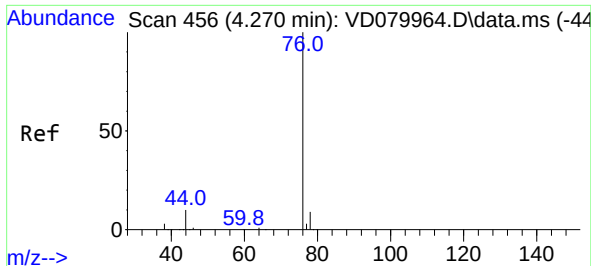
Tgt Ion: 53 Resp: 43596  
Ion Ratio Lower Upper  
53 100  
52 83.1 66.2 99.4  
51 36.7 30.3 45.5



#16  
Acetone  
Concen: 81.793 ug/l  
RT: 4.022 min Scan# 414  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion: 43 Resp: 37909  
Ion Ratio Lower Upper  
43 100  
58 39.4 25.4 38.2#

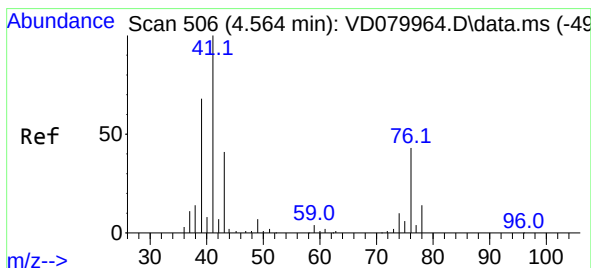
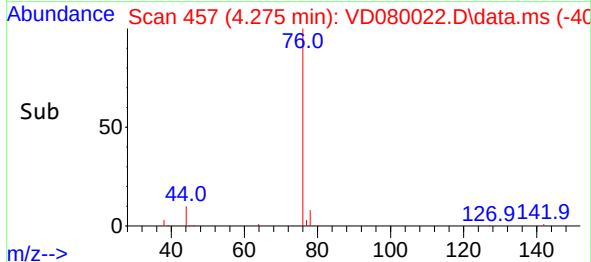
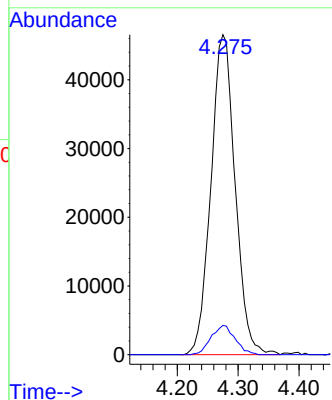
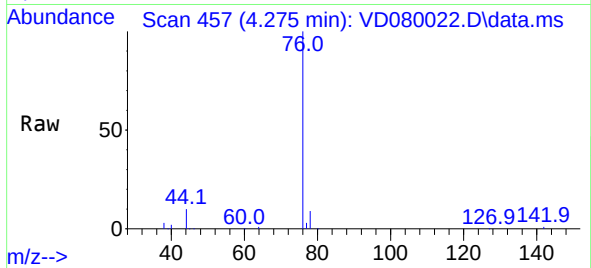




#17  
Carbon Disulfide  
Concen: 18.604 ug/l  
RT: 4.275 min Scan# 456  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

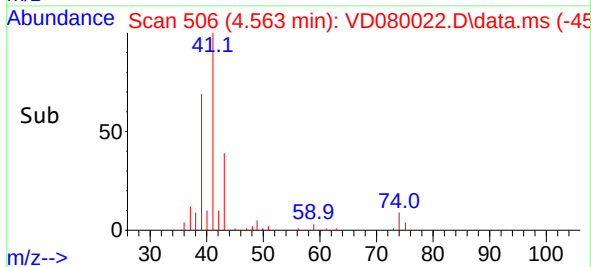
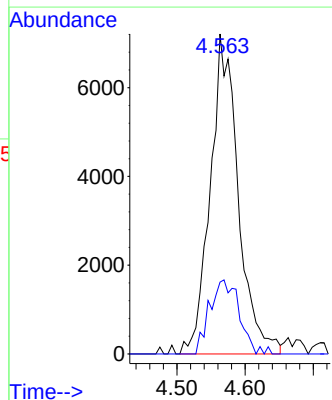
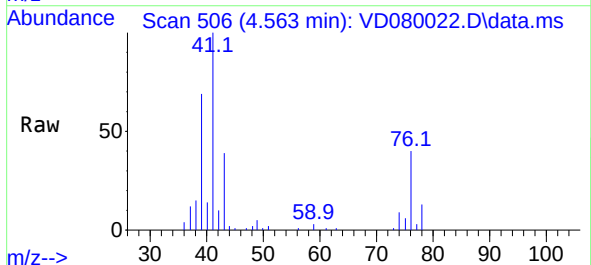
Instrument :  
MSVOA\_D  
ClientSampleId :

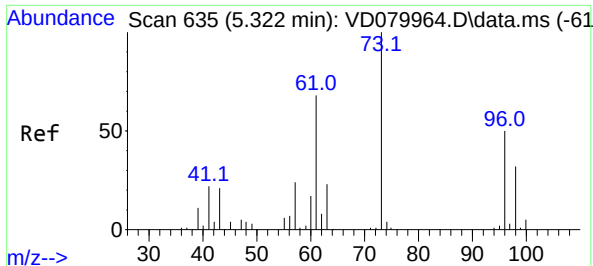
Tgt Ion: 76 Resp: 128786  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.5 11.3



#18  
Methyl Acetate  
Concen: 20.031 ug/l  
RT: 4.563 min Scan# 506  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

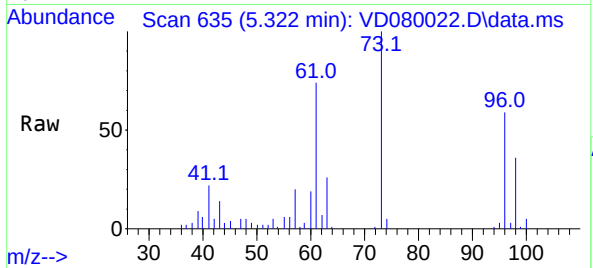
Tgt Ion: 43 Resp: 20590  
Ion Ratio Lower Upper  
43 100  
74 24.0 20.5 30.7



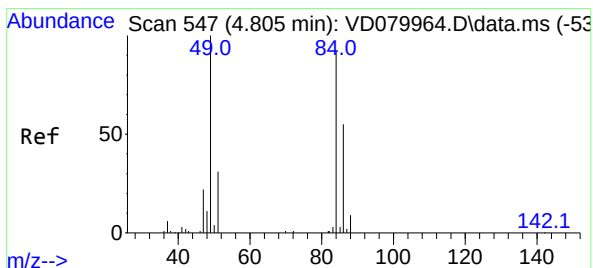
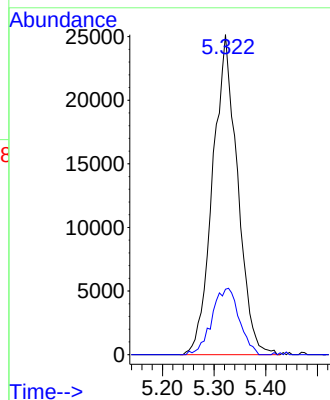
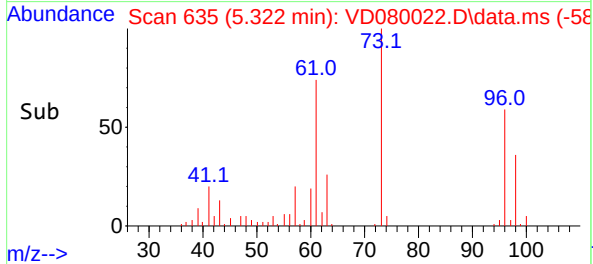


#19  
Methyl tert-butyl Ether  
Concen: 19.127 ug/l  
RT: 5.322 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Instrument :  
MSVOA\_D  
ClientSampleId :

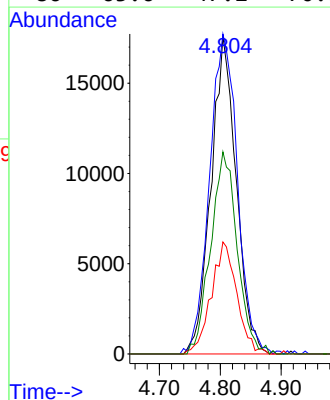
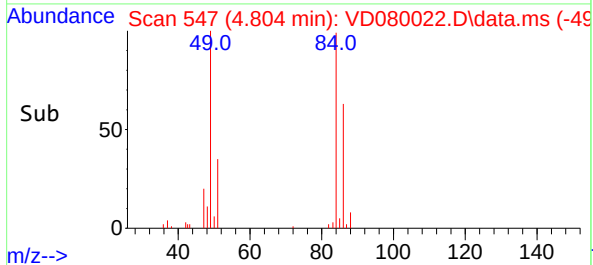
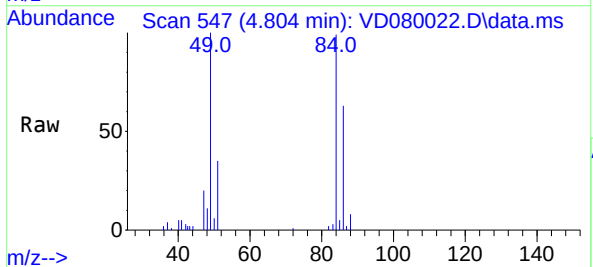


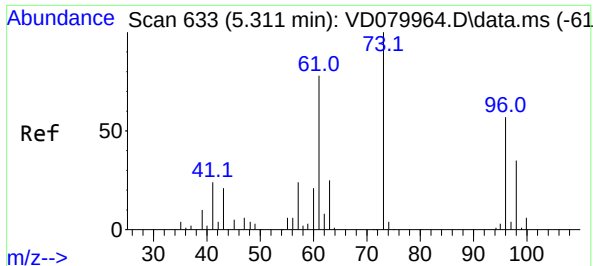
Tgt Ion: 73 Resp: 83889  
Ion Ratio Lower Upper  
73 100  
57 20.5 18.8 28.2



#20  
Methylene Chloride  
Concen: 20.403 ug/l  
RT: 4.804 min Scan# 547  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

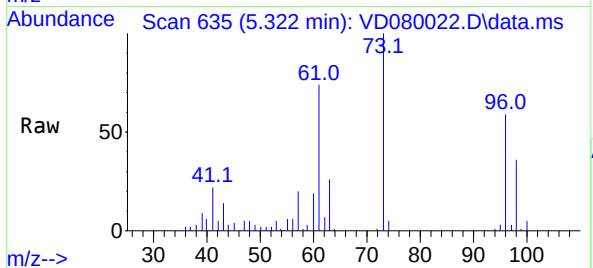
Tgt Ion: 84 Resp: 50759  
Ion Ratio Lower Upper  
84 100  
49 100.6 86.5 129.7  
51 35.2 26.9 40.3  
86 63.6 47.2 70.8



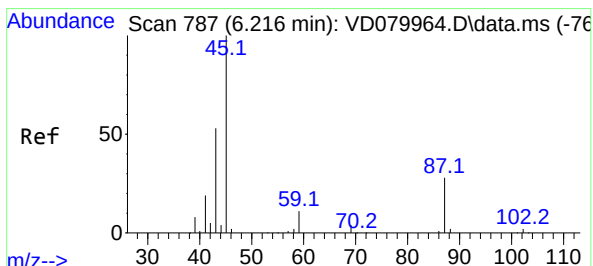
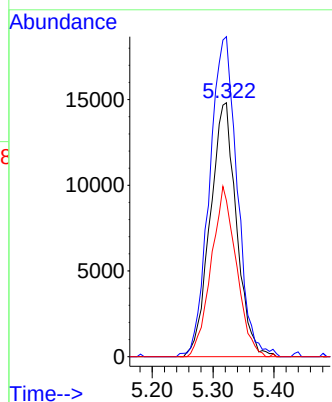
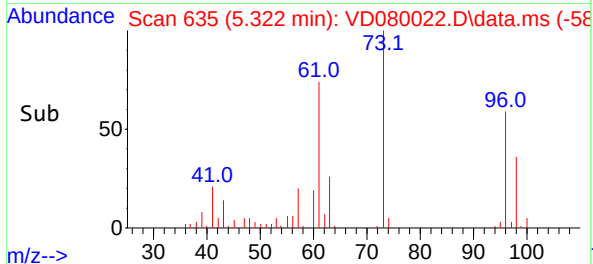


#21  
trans-1,2-Dichloroethene  
Concen: 18.703 ug/l  
RT: 5.322 min Scan# 61  
Delta R.T. 0.011 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

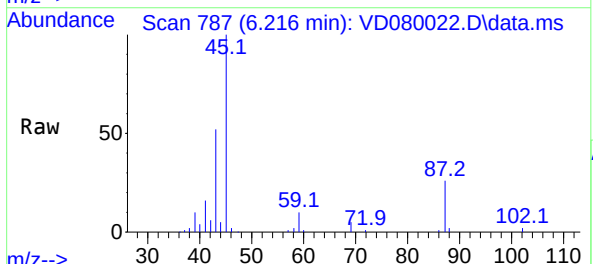
Instrument :  
MSVOA\_D  
ClientSampleId :



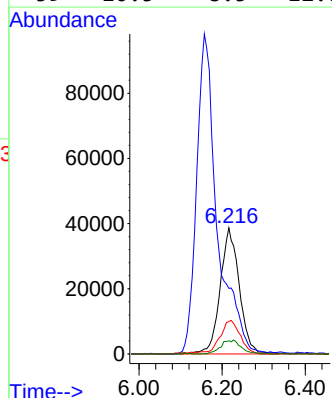
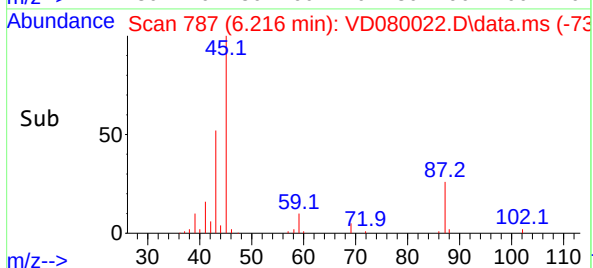
Tgt Ion: 96 Resp: 44449  
Ion Ratio Lower Upper  
96 100  
61 126.0 109.4 164.0  
98 61.4 49.8 74.8

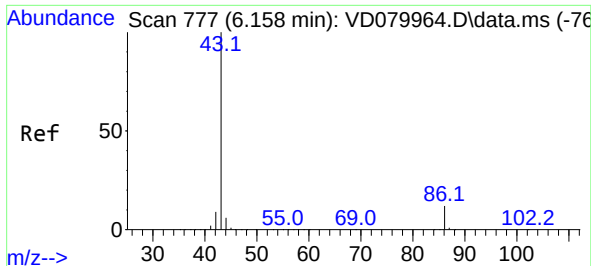


#22  
Diisopropyl ether  
Concen: 20.003 ug/l  
RT: 6.216 min Scan# 787  
Delta R.T. -0.000 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58



Tgt Ion: 45 Resp: 123437  
Ion Ratio Lower Upper  
45 100  
43 51.0 42.6 63.8  
87 25.7 22.7 34.1  
59 10.5 8.5 12.7

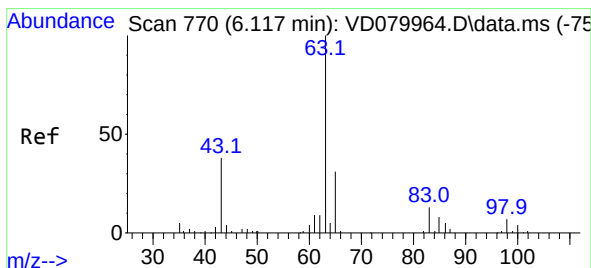
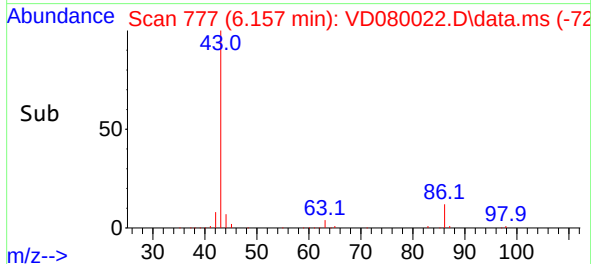
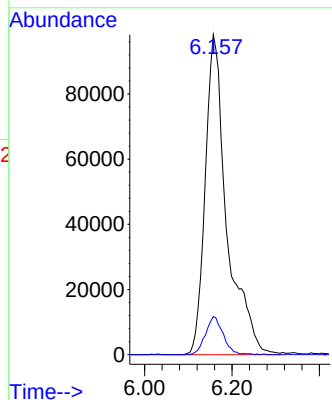
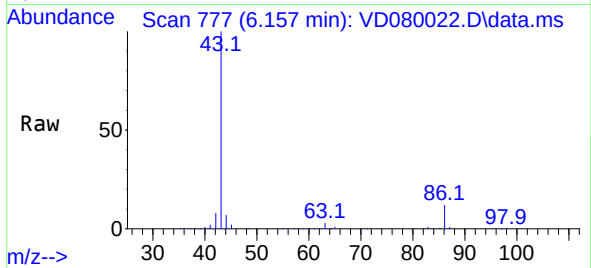




#23  
 Vinyl Acetate  
 Concen: 95.846 ug/l  
 RT: 6.157 min Scan# 71  
 Delta R.T. -0.001 min  
 Lab File: VD080022.D  
 Acq: 15 Nov 2024 10:58

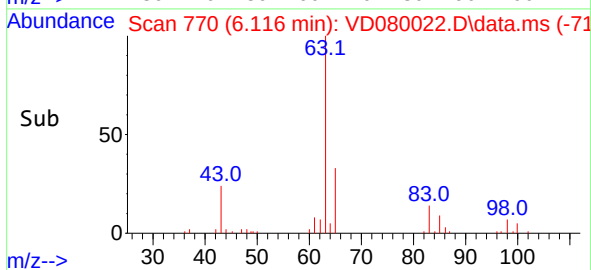
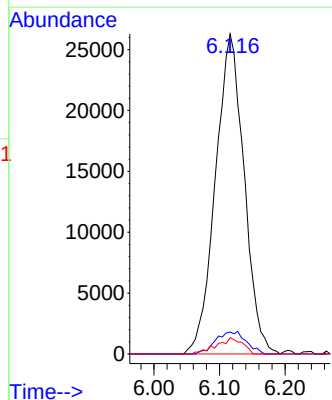
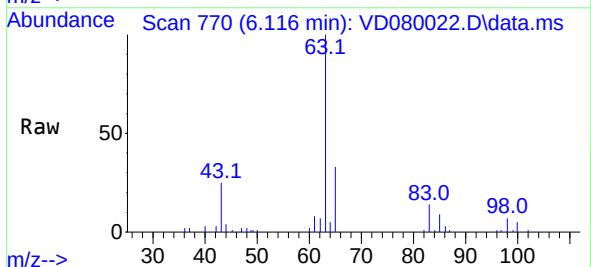
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion: 43 Resp: 338859  
 Ion Ratio Lower Upper  
 43 100  
 86 11.9 9.4 14.0

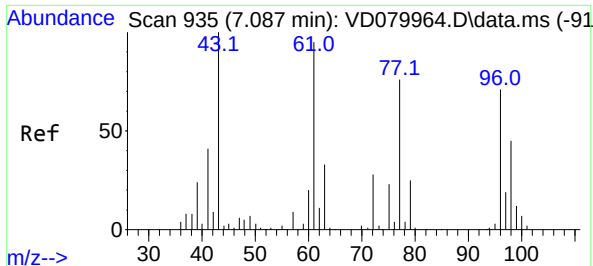


#24  
 1,1-Dichloroethane  
 Concen: 19.423 ug/l  
 RT: 6.116 min Scan# 770  
 Delta R.T. -0.001 min  
 Lab File: VD080022.D  
 Acq: 15 Nov 2024 10:58

Tgt Ion: 63 Resp: 79716  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.5 10.6  
 100 5.1 2.1 6.5



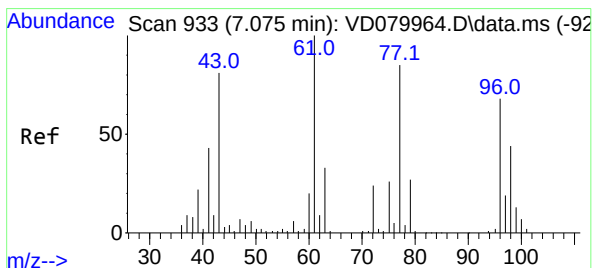
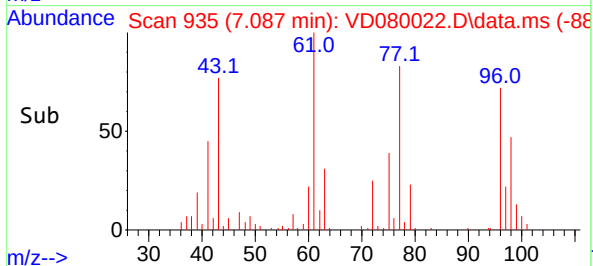
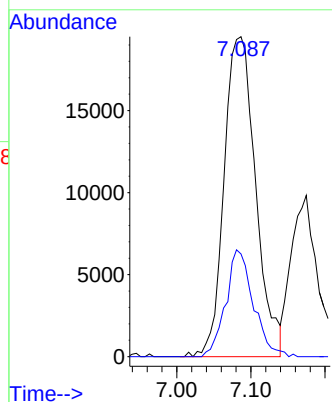
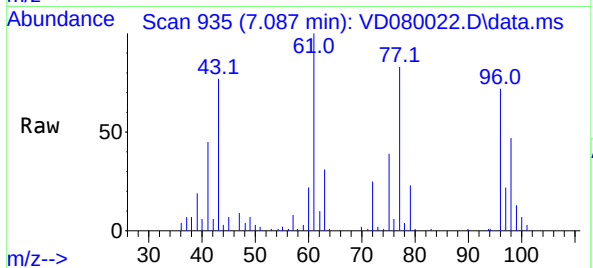




#25  
2-Butanone  
Concen: 95.273 ug/l  
RT: 7.087 min Scan# 91  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

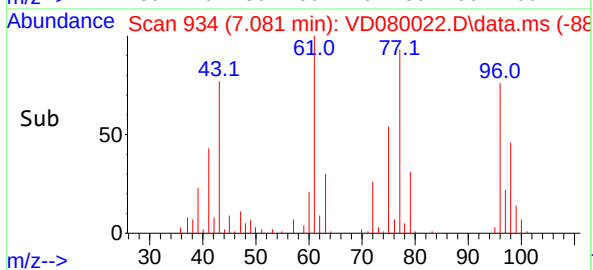
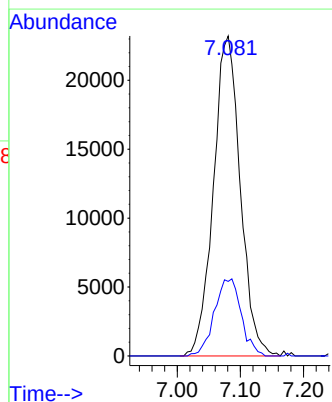
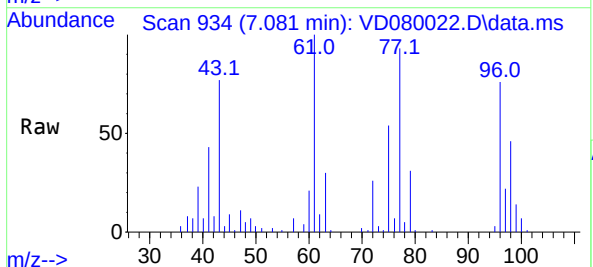
Instrument :  
MSVOA\_D  
ClientSampleId :

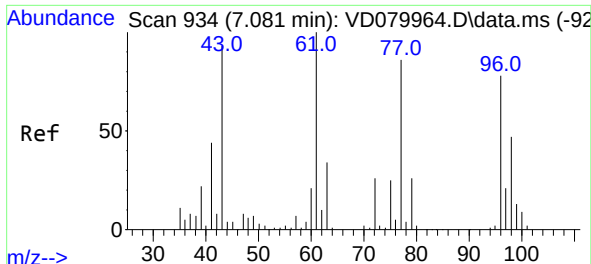
Tgt Ion: 43 Resp: 57703  
Ion Ratio Lower Upper  
43 100  
72 32.1 22.3 33.5



#26  
2,2-Dichloropropane  
Concen: 19.241 ug/l  
RT: 7.081 min Scan# 934  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

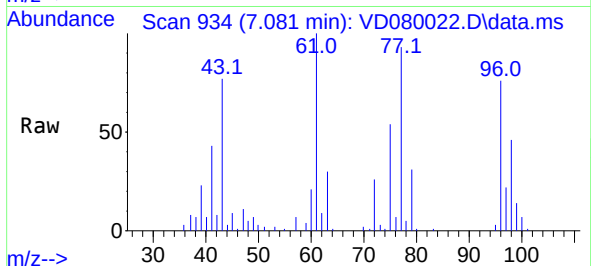
Tgt Ion: 77 Resp: 68644  
Ion Ratio Lower Upper  
77 100  
97 24.1 11.9 35.9



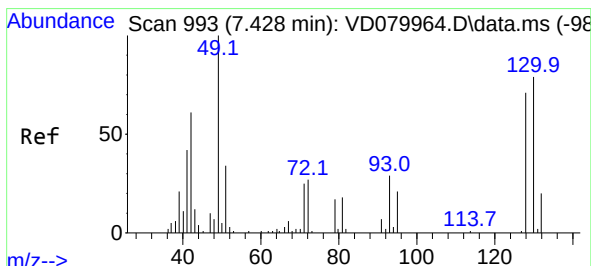
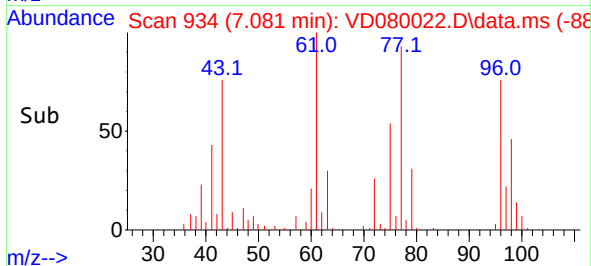
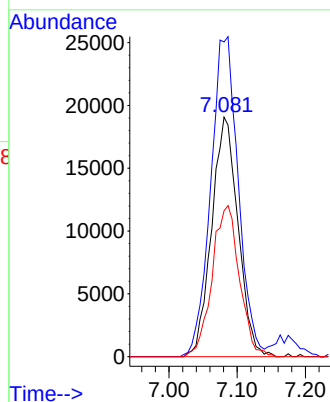


#27  
cis-1,2-Dichloroethene  
Concen: 18.880 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Instrument :  
MSVOA\_D  
ClientSampleId :

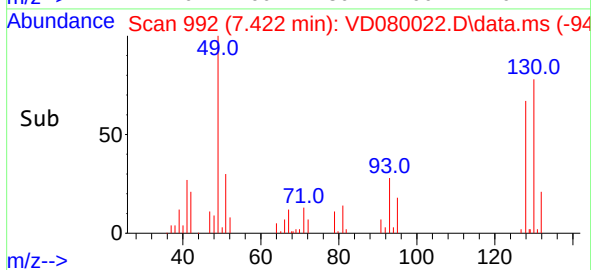
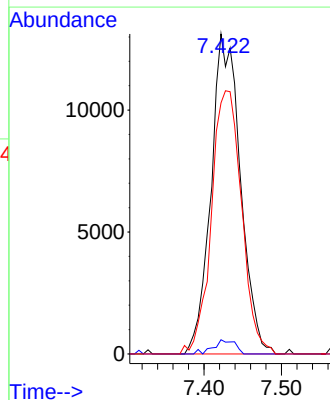
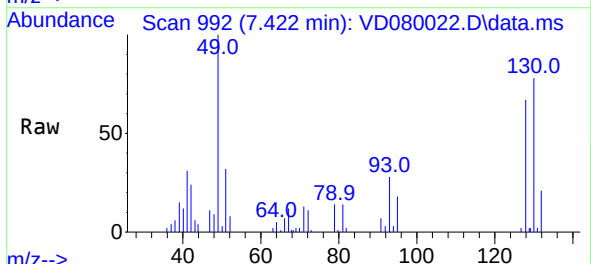


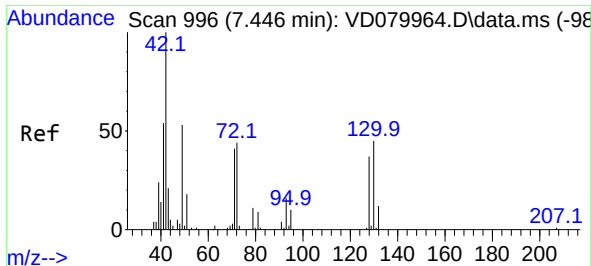
Tgt Ion: 96 Resp: 51492  
Ion Ratio Lower Upper  
96 100  
61 139.1 0.0 278.2  
98 65.2 0.0 127.8



#28  
Bromochloromethane  
Concen: 18.920 ug/l  
RT: 7.422 min Scan# 992  
Delta R.T. -0.006 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

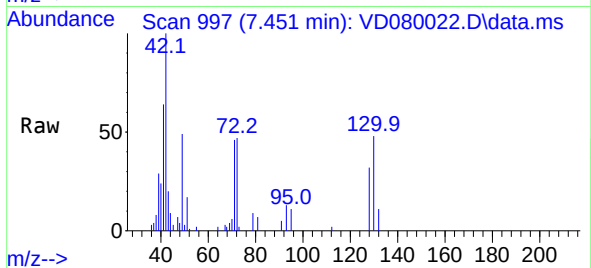
Tgt Ion: 49 Resp: 34556  
Ion Ratio Lower Upper  
49 100  
129 3.2 0.0 2.2#  
130 84.6 64.6 97.0



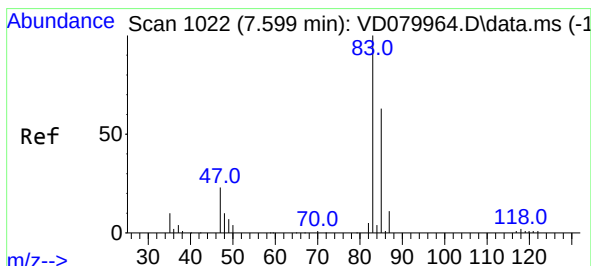
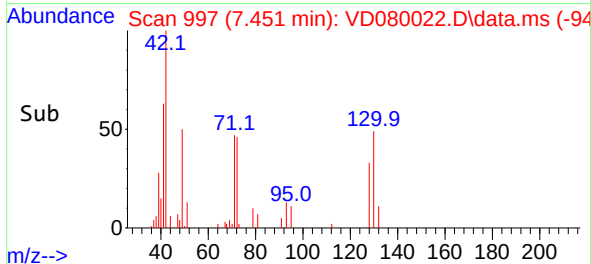
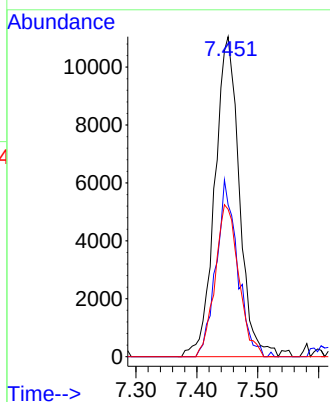


#29  
Tetrahydrofuran  
Concen: 93.178 ug/l  
RT: 7.451 min Scan# 996  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Instrument :  
MSVOA\_D  
ClientSampleId :

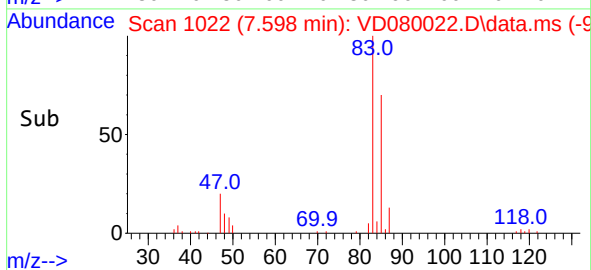
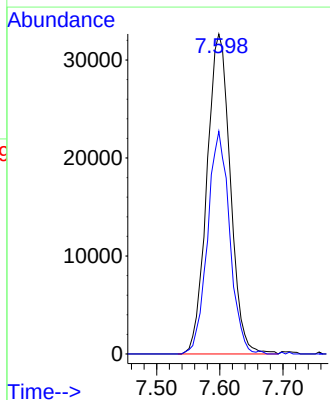
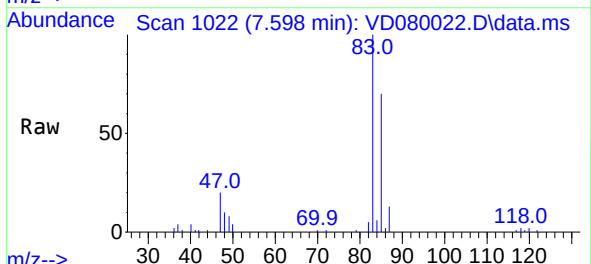


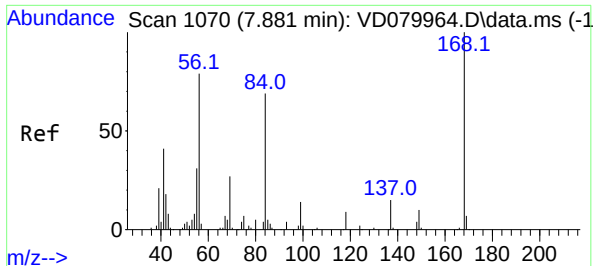
Tgt Ion: 42 Resp: 30913  
Ion Ratio Lower Upper  
42 100  
72 48.1 36.7 55.1  
71 45.7 34.4 51.6



#30  
Chloroform  
Concen: 19.422 ug/l  
RT: 7.598 min Scan# 1022  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

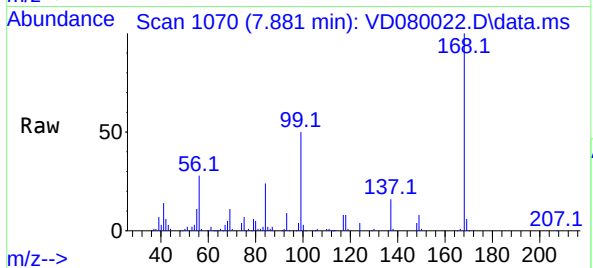
Tgt Ion: 83 Resp: 83979  
Ion Ratio Lower Upper  
83 100  
85 69.6 50.8 76.2



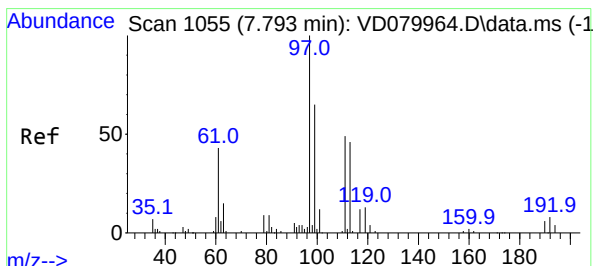
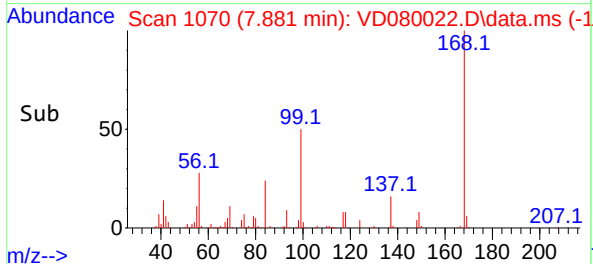
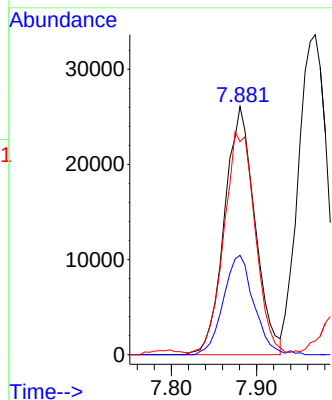


#31  
Cyclohexane  
Concen: 18.615 ug/l  
RT: 7.881 min Scan# 1070  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Instrument :  
MSVOA\_D  
ClientSampleId :

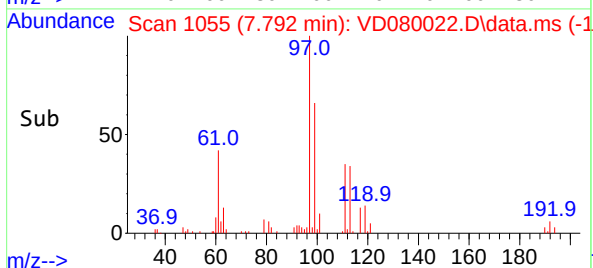
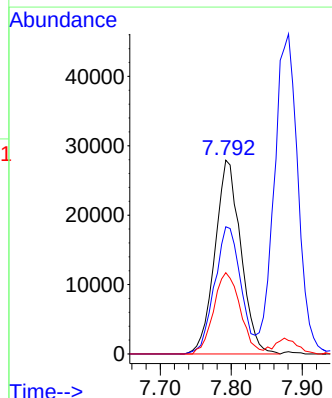
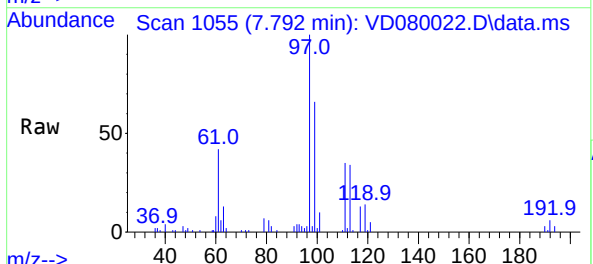


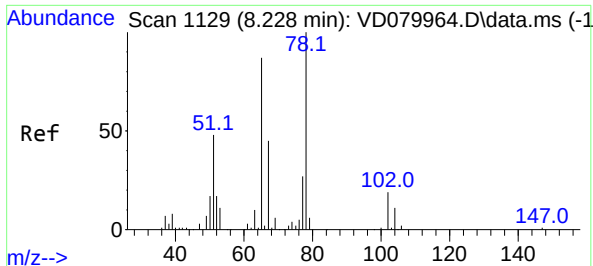
Tgt Ion: 56 Resp: 64750  
Ion Ratio Lower Upper  
56 100  
69 40.1 27.3 40.9  
84 84.6 70.2 105.4



#32  
1,1,1-Trichloroethane  
Concen: 19.093 ug/l  
RT: 7.792 min Scan# 1055  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion: 97 Resp: 70650  
Ion Ratio Lower Upper  
97 100  
99 66.6 50.7 76.1  
61 43.2 34.2 51.2

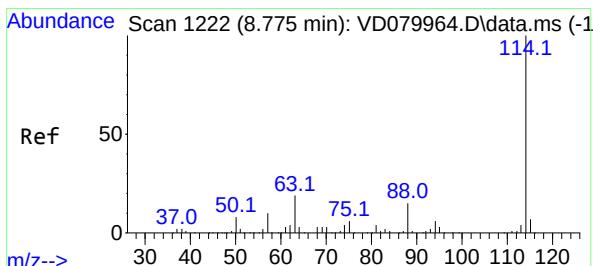
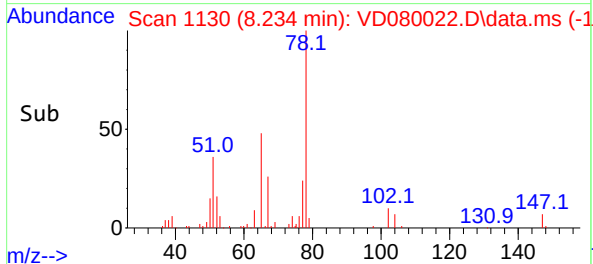
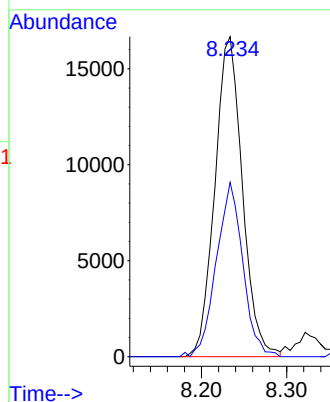
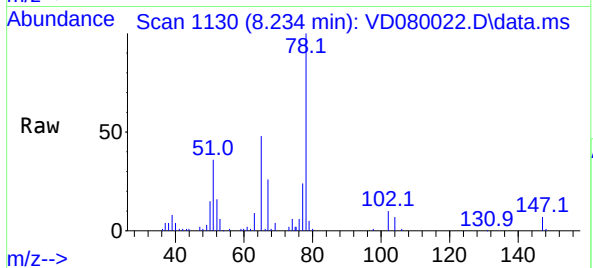




#33  
1,2-Dichloroethane-d4  
Concen: 17.529 ug/l  
RT: 8.234 min Scan# 1129  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

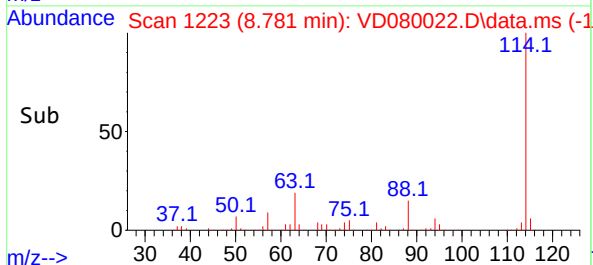
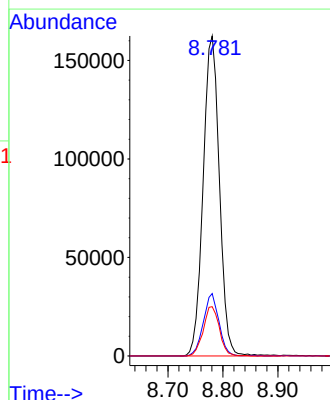
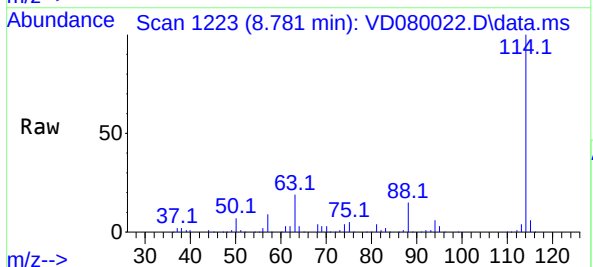
Instrument :  
MSVOA\_D  
ClientSampleId :

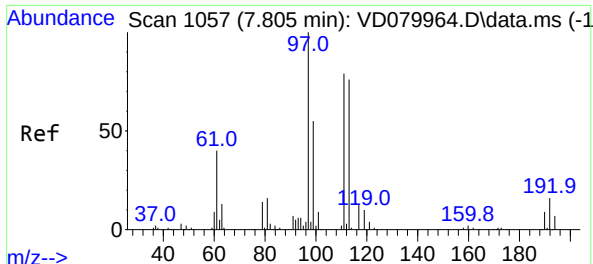
Tgt Ion: 65 Resp: 37444  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 109.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.781 min Scan# 1223  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion:114 Resp: 333694  
Ion Ratio Lower Upper  
114 100  
63 19.5 0.0 38.8  
88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 17.139 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD080022.D

Acq: 15 Nov 2024 10:58

Instrument :

MSVOA\_D

ClientSampleId :

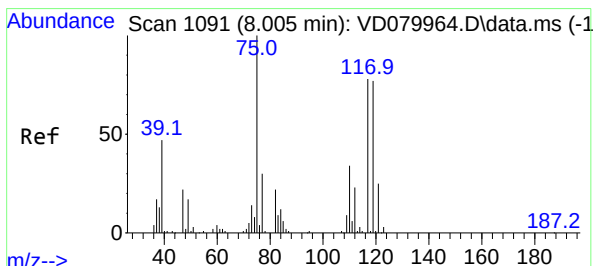
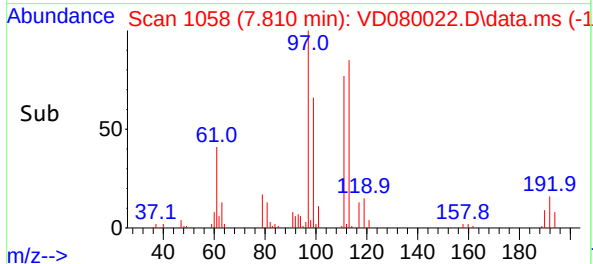
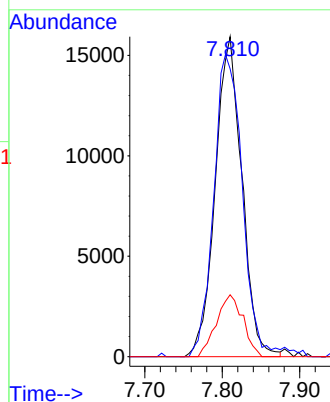
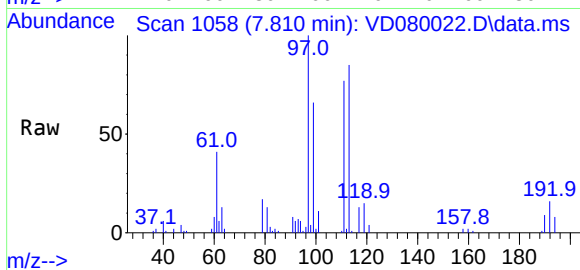
Tgt Ion:113 Resp: 38063

Ion Ratio Lower Upper

113 100

111 102.4 82.5 123.7

192 19.3 16.6 25.0



#36

1,1-Dichloropropene

Concen: 18.947 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.005 min

Lab File: VD080022.D

Acq: 15 Nov 2024 10:58

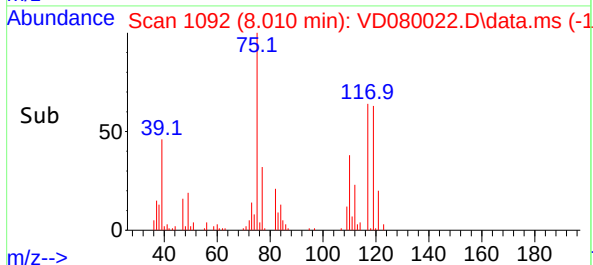
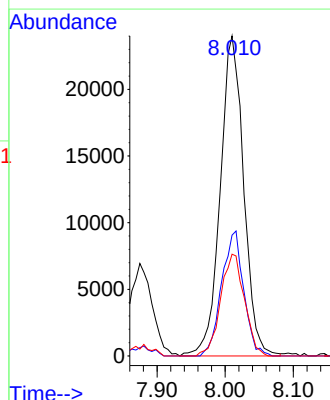
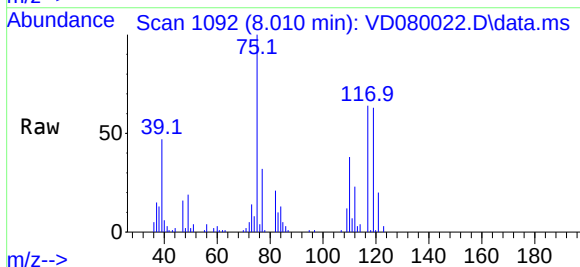
Tgt Ion: 75 Resp: 57538

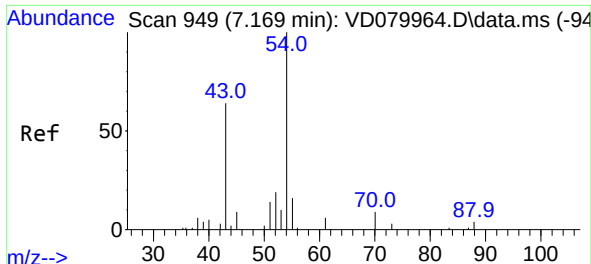
Ion Ratio Lower Upper

75 100

110 36.8 18.4 55.0

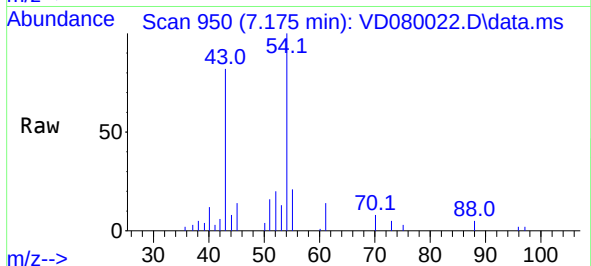
77 32.2 25.6 38.4



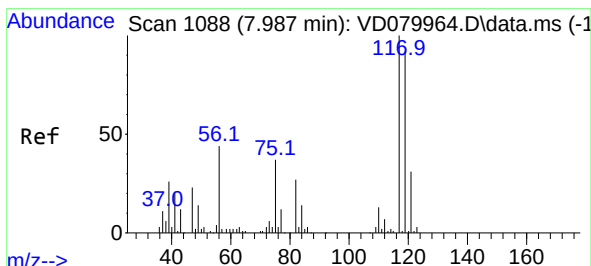
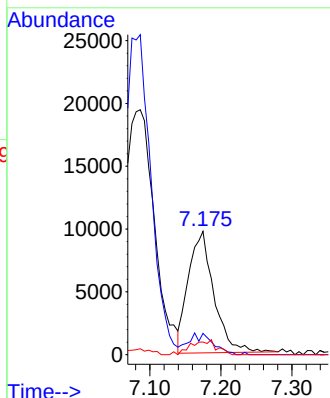
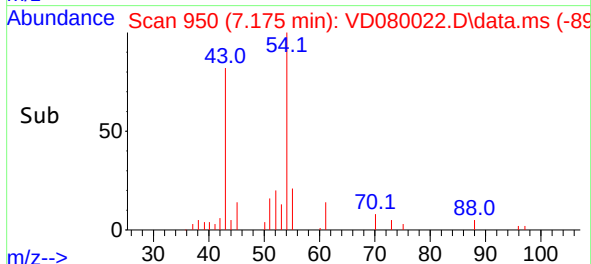


#37  
Ethyl Acetate  
Concen: 18.565 ug/l  
RT: 7.175 min Scan# 91  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Instrument :  
MSVOA\_D  
ClientSampleId :

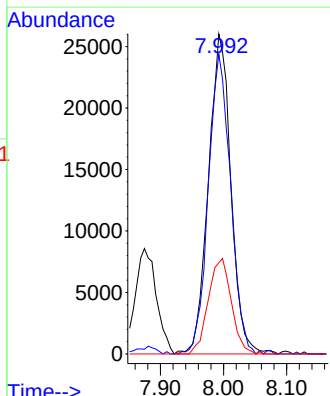
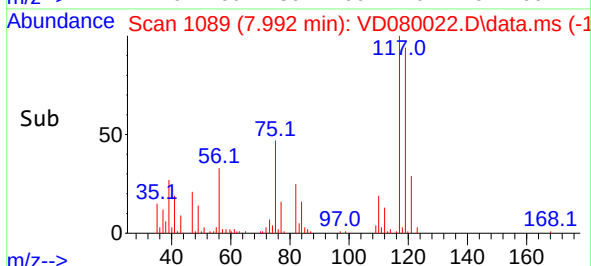
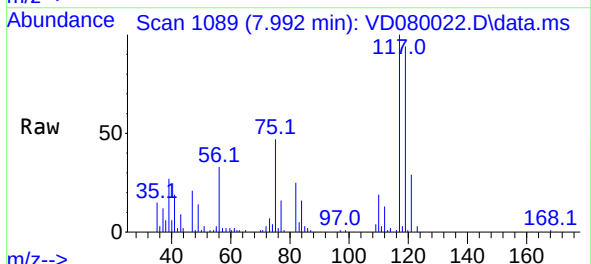


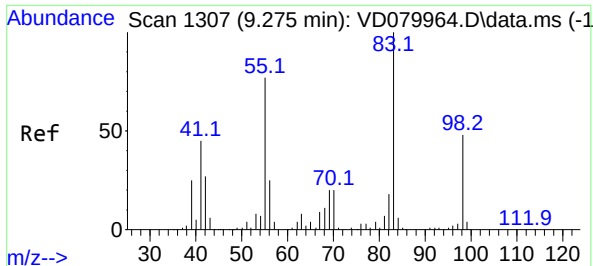
Tgt Ion: 43 Resp: 24232  
Ion Ratio Lower Upper  
43 100  
61 0.0 11.0 16.4#  
70 12.0 9.4 14.2



#38  
Carbon Tetrachloride  
Concen: 19.409 ug/l  
RT: 7.992 min Scan# 1089  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion: 117 Resp: 64398  
Ion Ratio Lower Upper  
117 100  
119 93.6 73.4 110.0  
121 28.5 24.5 36.7





#39

Methylcyclohexane

Concen: 17.564 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.001 min

Lab File: VD080022.D

Acq: 15 Nov 2024 10:58

Instrument :

MSVOA\_D

ClientSampleId :

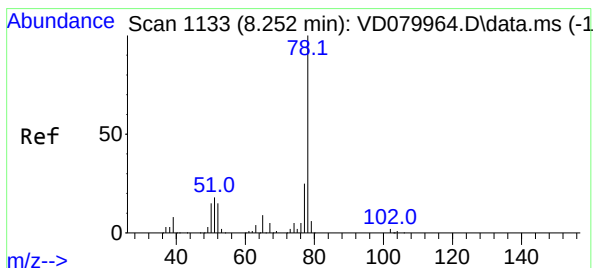
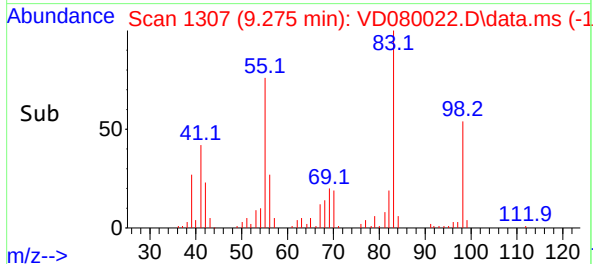
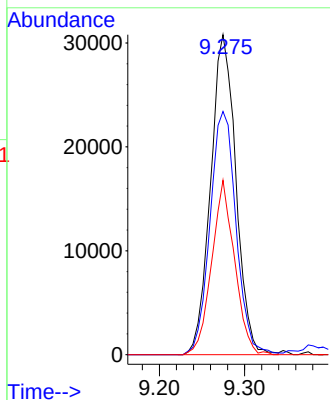
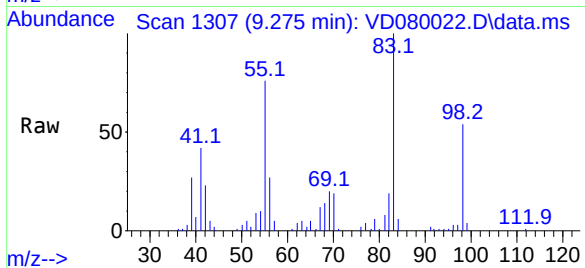
Tgt Ion: 83 Resp: 63504

Ion Ratio Lower Upper

83 100

55 76.0 62.0 93.0

98 54.5 38.7 58.1



#40

Benzene

Concen: 19.054 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD080022.D

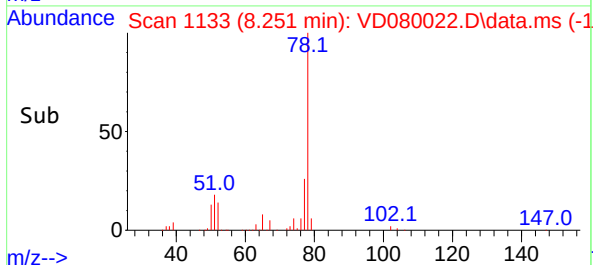
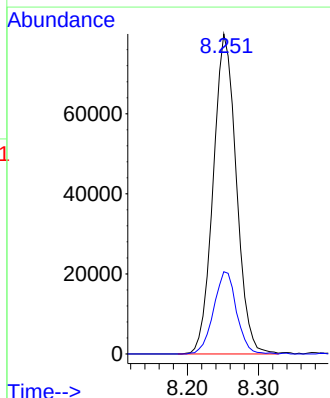
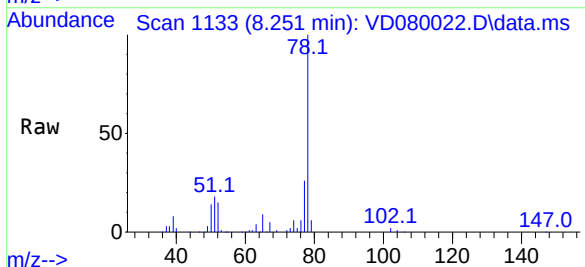
Acq: 15 Nov 2024 10:58

Tgt Ion: 78 Resp: 180359

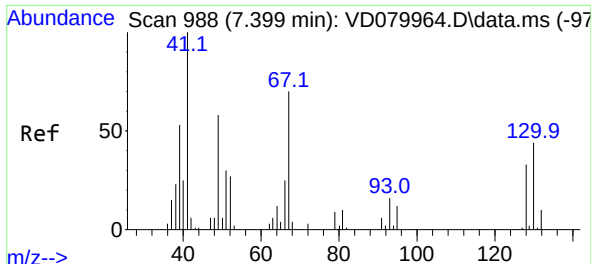
Ion Ratio Lower Upper

78 100

77 25.7 20.2 30.4

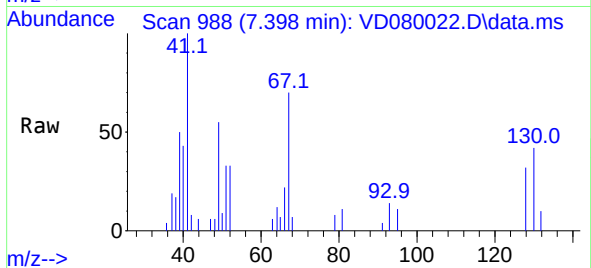




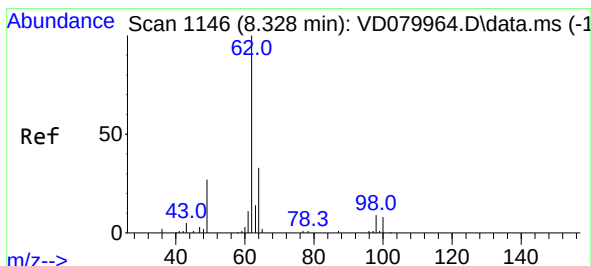
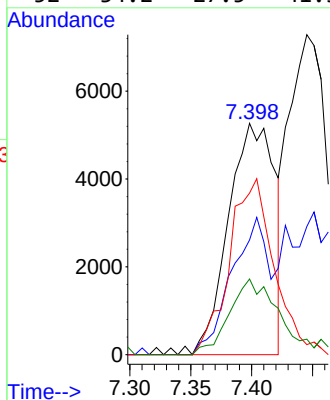
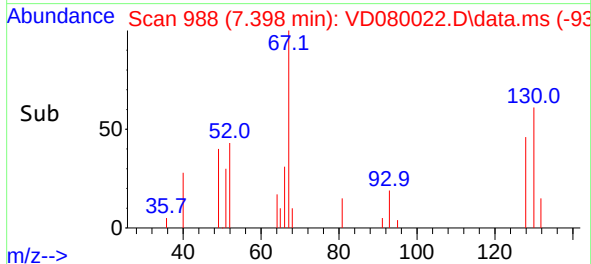


#41  
Methacrylonitrile  
Concen: 8.863 ug/l  
RT: 7.398 min Scan# 91  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Instrument :  
MSVOA\_D  
ClientSampleId :

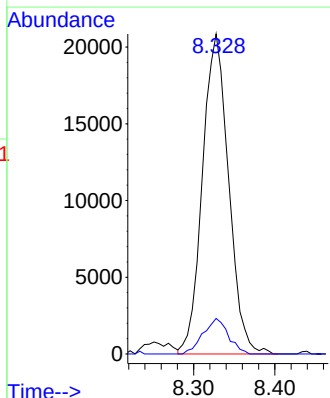
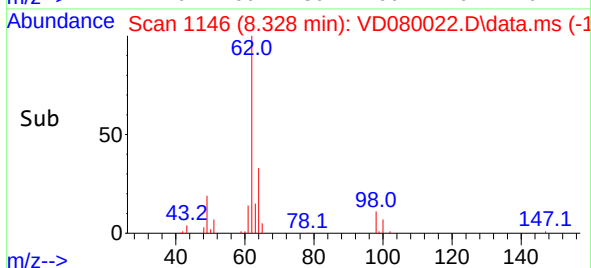
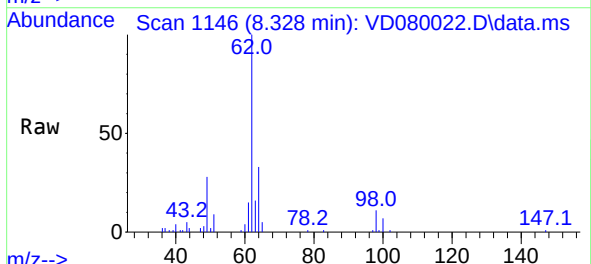


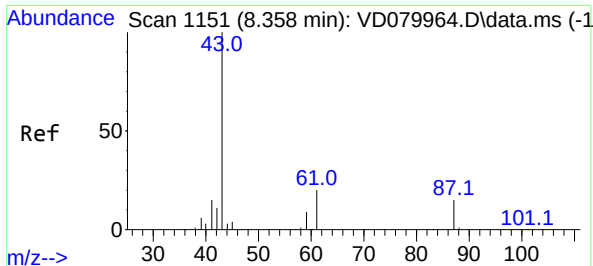
Tgt Ion: 41 Resp: 13991  
Ion Ratio Lower Upper  
41 100  
39 46.3 47.8 71.8#  
67 73.3 64.9 97.3  
52 34.2 27.5 41.3



#42  
1,2-Dichloroethane  
Concen: 19.069 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

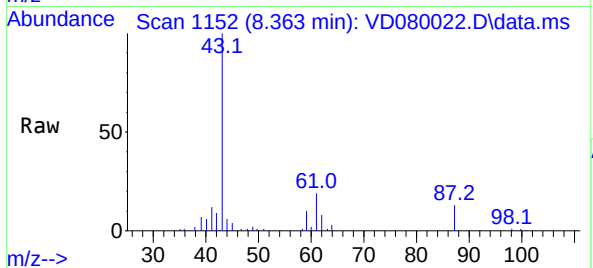
Tgt Ion: 62 Resp: 46713  
Ion Ratio Lower Upper  
62 100  
98 10.7 0.0 19.8



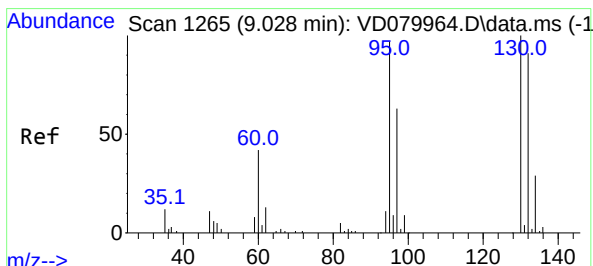
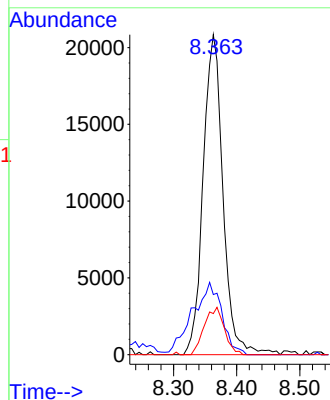
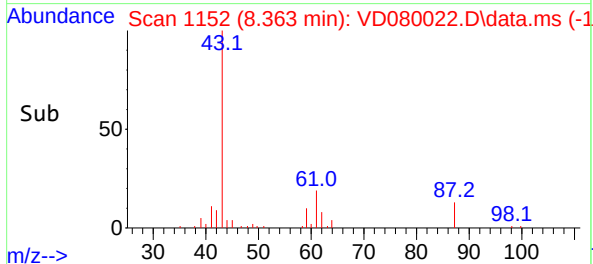


#43  
Isopropyl Acetate  
Concen: 19.225 ug/l  
RT: 8.363 min Scan# 1152  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Instrument :  
MSVOA\_D  
ClientSampleId :

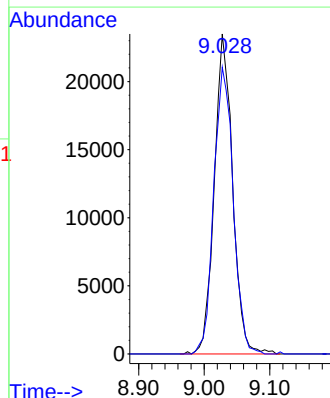
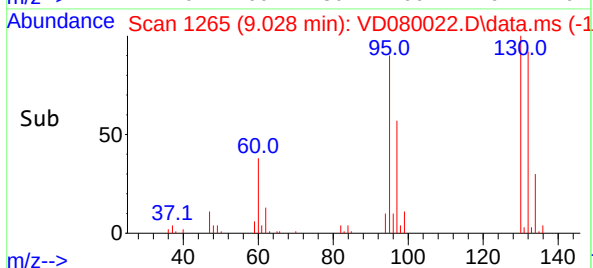
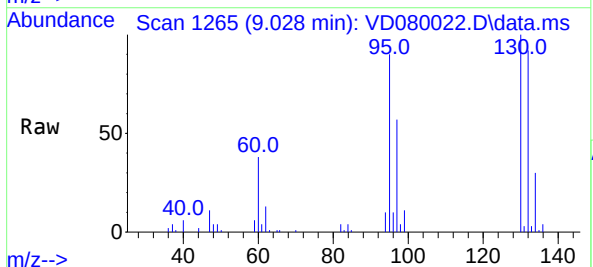


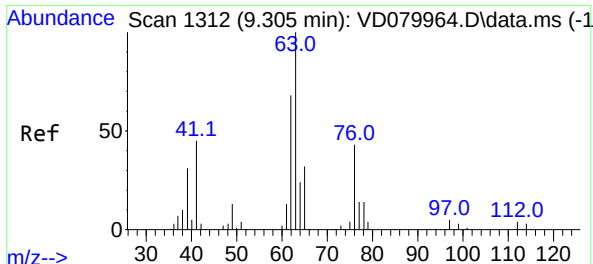
Tgt Ion: 43 Resp: 45489  
Ion Ratio Lower Upper  
43 100  
61 33.7 26.2 39.2  
87 15.0 11.8 17.8



#44  
Trichloroethene  
Concen: 18.582 ug/l  
RT: 9.028 min Scan# 1265  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion:130 Resp: 45515  
Ion Ratio Lower Upper  
130 100  
95 89.6 0.0 194.6

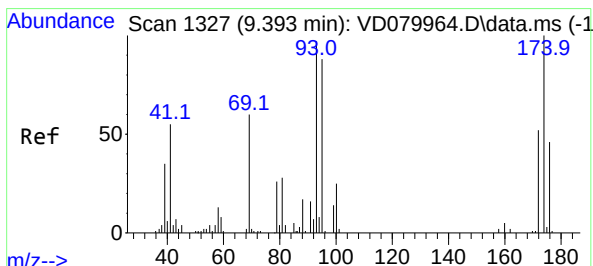
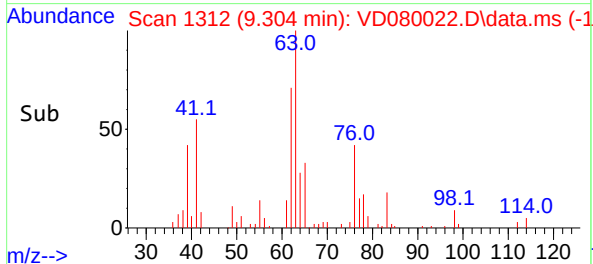
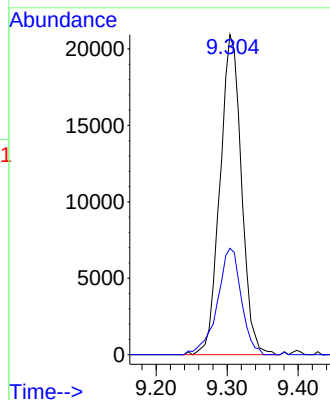
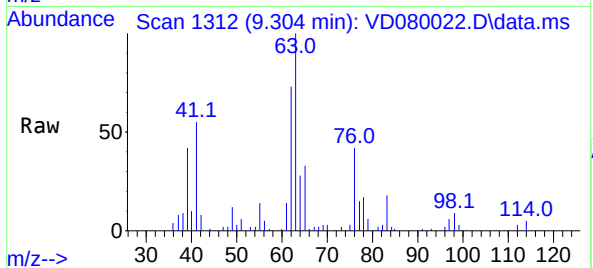




#45  
1,2-Dichloropropane  
Concen: 19.293 ug/l  
RT: 9.304 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

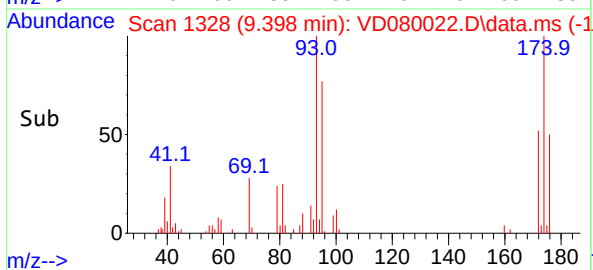
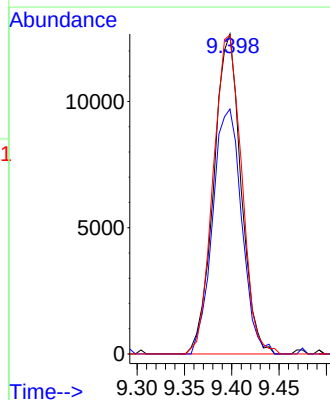
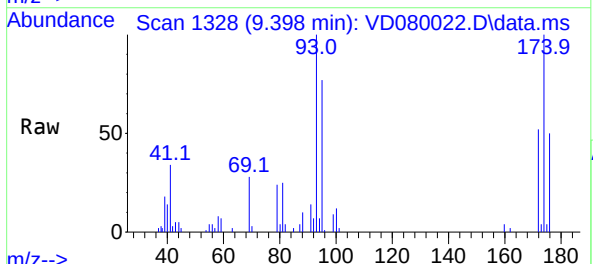
Instrument :  
MSVOA\_D  
ClientSampleId :

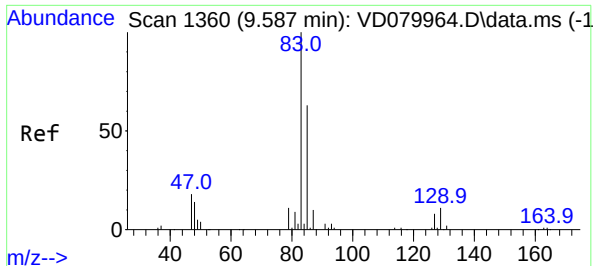
Tgt Ion: 63 Resp: 43886  
Ion Ratio Lower Upper  
63 100  
65 33.2 26.2 39.4



#46  
Dibromomethane  
Concen: 19.135 ug/l  
RT: 9.398 min Scan# 1328  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

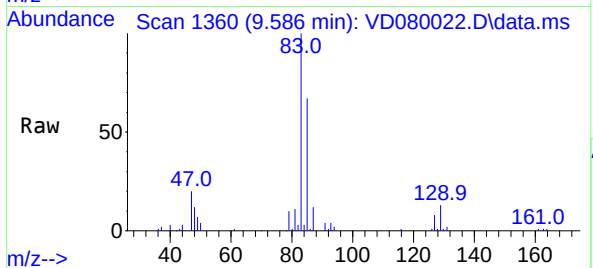
Tgt Ion: 93 Resp: 25318  
Ion Ratio Lower Upper  
93 100  
95 81.9 67.9 101.9  
174 103.7 80.5 120.7



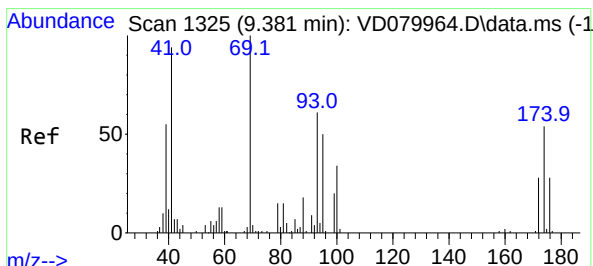
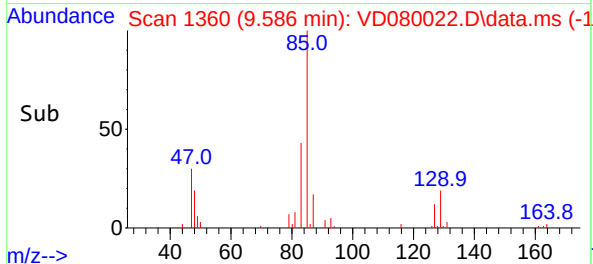
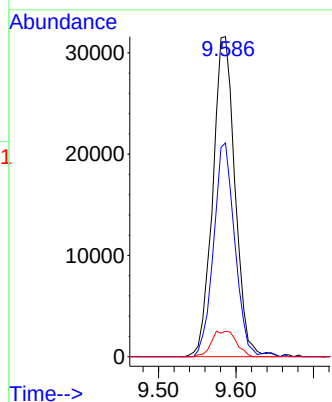


#47  
Bromodichloromethane  
Concen: 19.030 ug/l  
RT: 9.586 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Instrument :  
MSVOA\_D  
ClientSampleId :

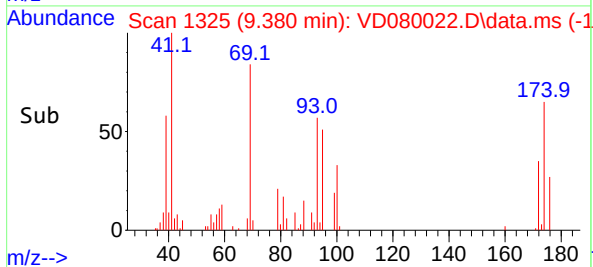
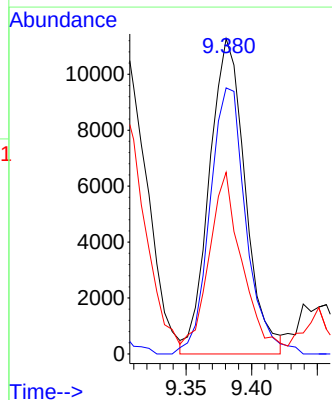
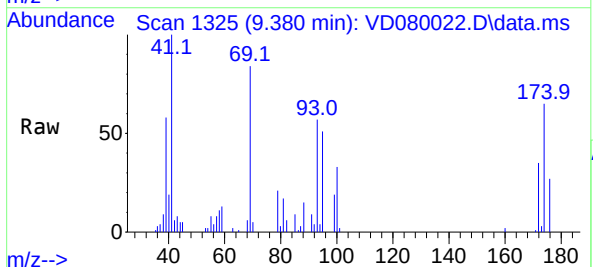


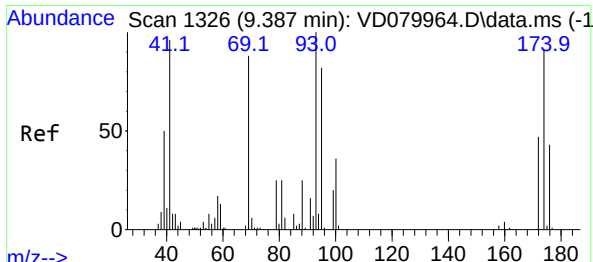
Tgt Ion: 83 Resp: 63022  
Ion Ratio Lower Upper  
83 100  
85 66.8 50.6 75.8  
127 7.9 6.1 9.1



#48  
Methyl methacrylate  
Concen: 18.997 ug/l  
RT: 9.380 min Scan# 1325  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

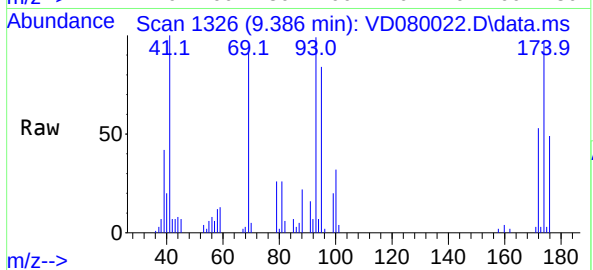
Tgt Ion: 41 Resp: 21459  
Ion Ratio Lower Upper  
41 100  
69 85.0 74.0 111.0  
39 49.0 41.9 62.9



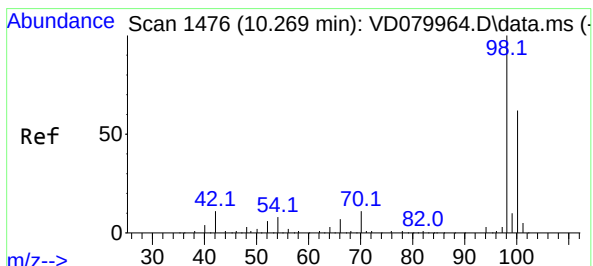
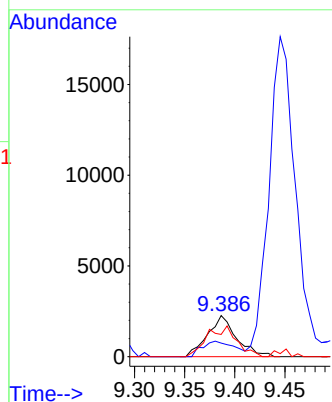
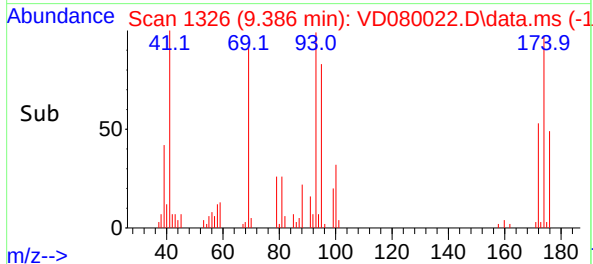


#49  
1,4-Dioxane  
Concen: 372.814 ug/l  
RT: 9.386 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

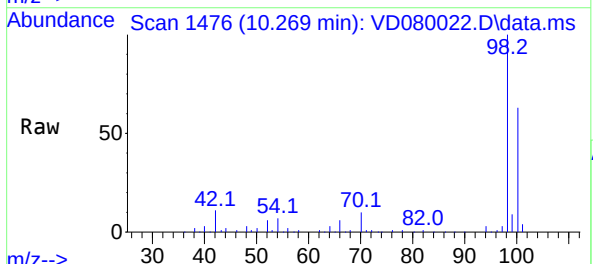
Instrument :  
MSVOA\_D  
ClientSampleId :



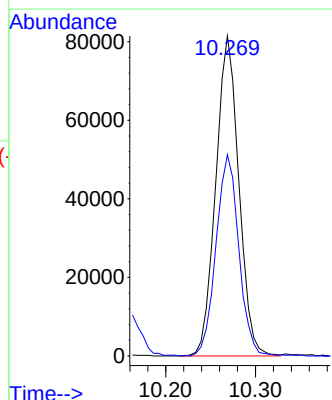
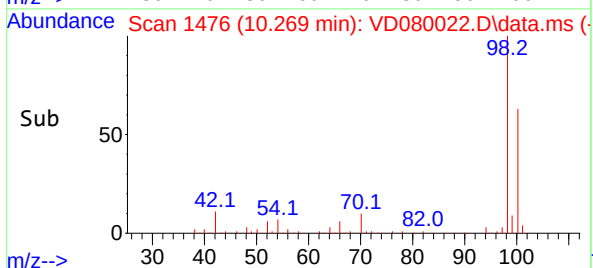
Tgt Ion: 88 Resp: 4525  
Ion Ratio Lower Upper  
88 100  
43 42.1 29.1 43.7  
58 77.0 59.9 89.9

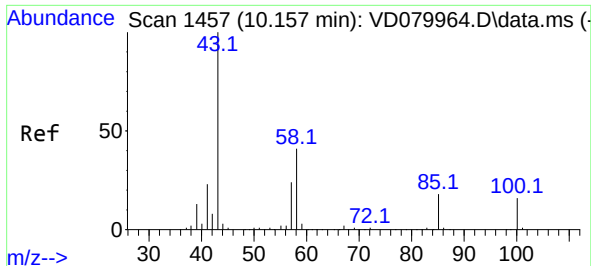


#50  
Toluene-d8  
Concen: 17.341 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58



Tgt Ion: 98 Resp: 145147  
Ion Ratio Lower Upper  
98 100  
100 62.4 50.2 75.4

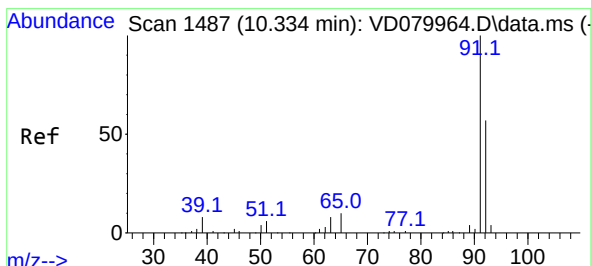
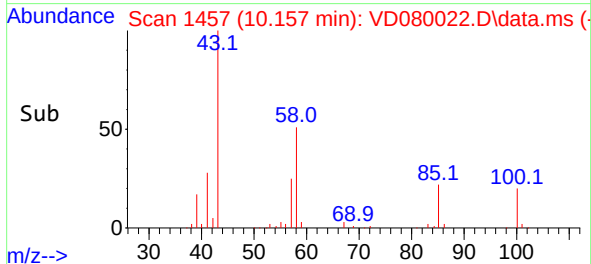
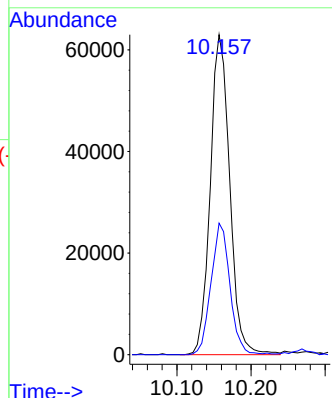
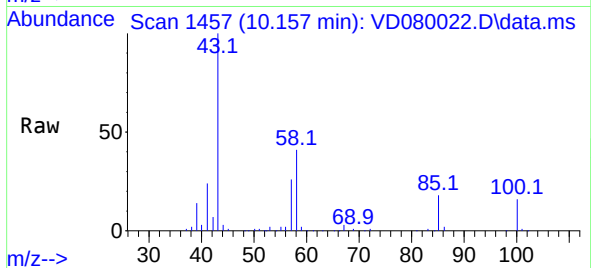




#51  
4-Methyl-2-Pentanone  
Concen: 95.733 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

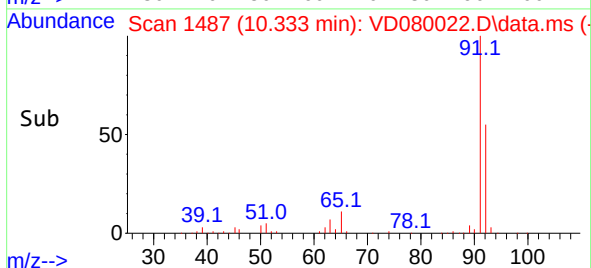
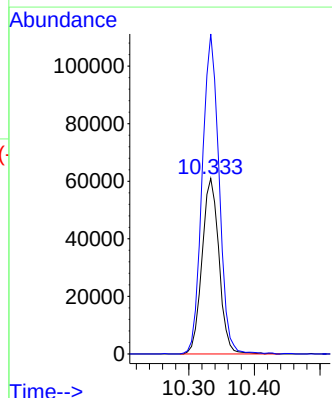
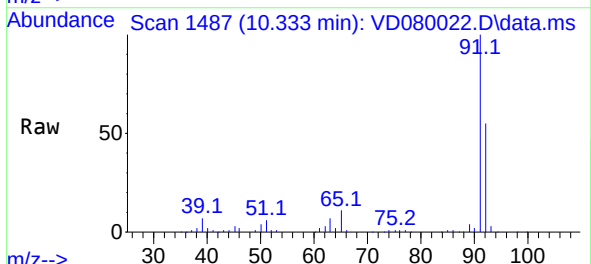
Instrument :  
MSVOA\_D  
ClientSampleId :

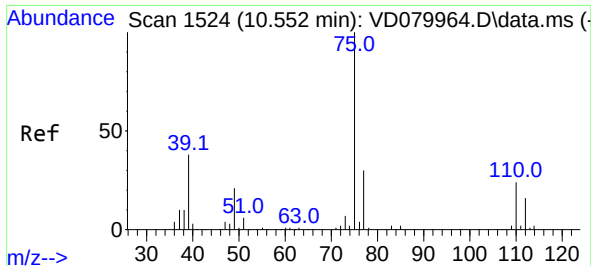
Tgt Ion: 43 Resp: 114924  
Ion Ratio Lower Upper  
43 100  
58 39.9 32.8 49.2



#52  
Toluene  
Concen: 18.667 ug/l  
RT: 10.333 min Scan# 1487  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion: 92 Resp: 109805  
Ion Ratio Lower Upper  
92 100  
91 181.5 139.3 208.9

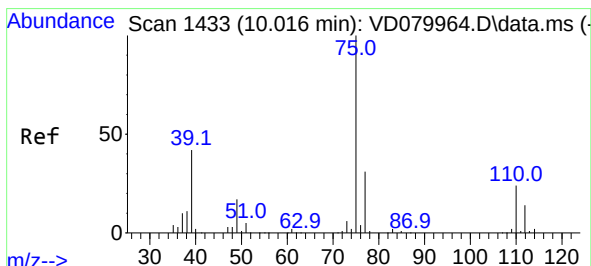
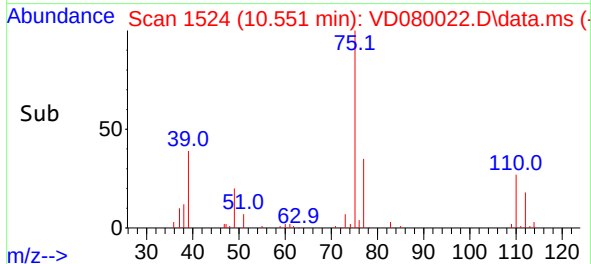
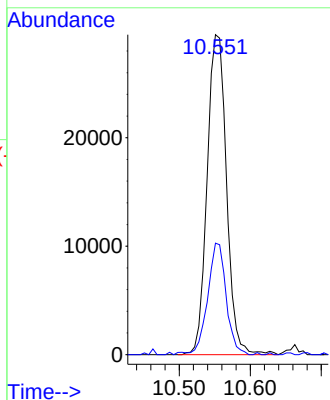
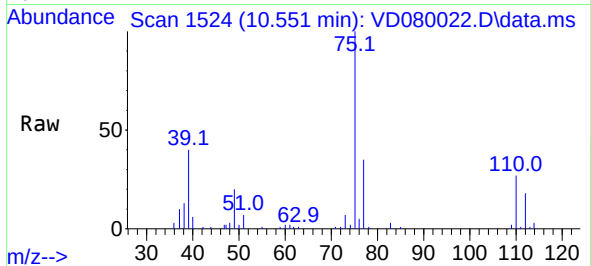




#53  
t-1,3-Dichloropropene  
Concen: 18.969 ug/l  
RT: 10.551 min Scan# 1524  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

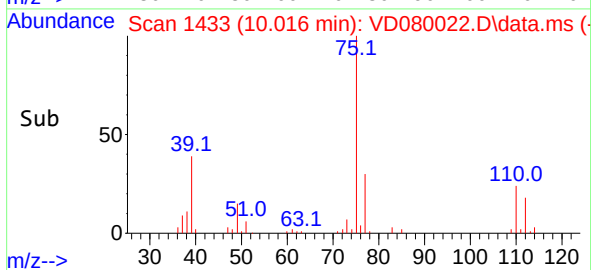
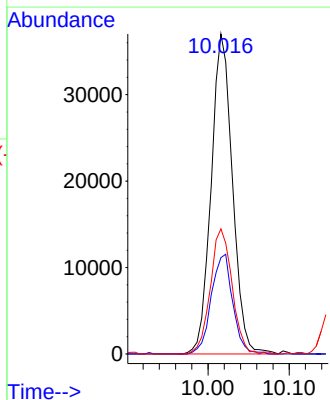
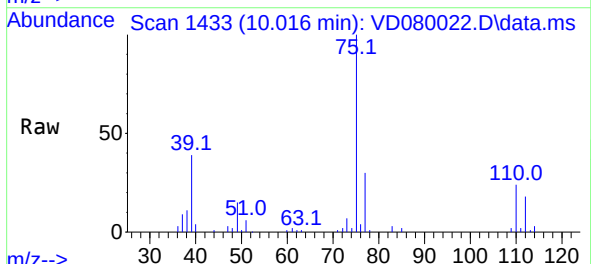
Instrument :  
MSVOA\_D  
ClientSampleId :

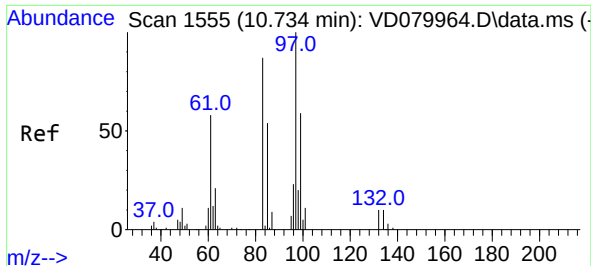
Tgt Ion: 75 Resp: 56000  
Ion Ratio Lower Upper  
75 100  
77 34.8 24.1 36.1



#54  
cis-1,3-Dichloropropene  
Concen: 19.312 ug/l  
RT: 10.016 min Scan# 1433  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

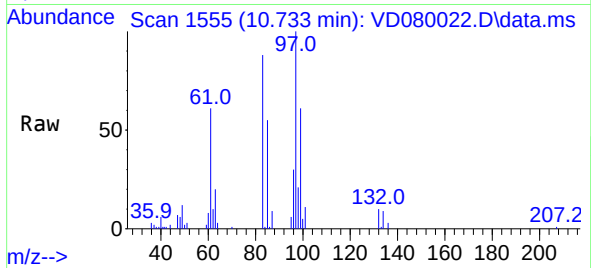
Tgt Ion: 75 Resp: 67497  
Ion Ratio Lower Upper  
75 100  
77 30.1 25.0 37.4  
39 39.1 33.2 49.8





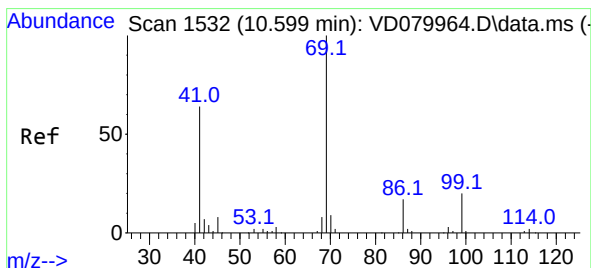
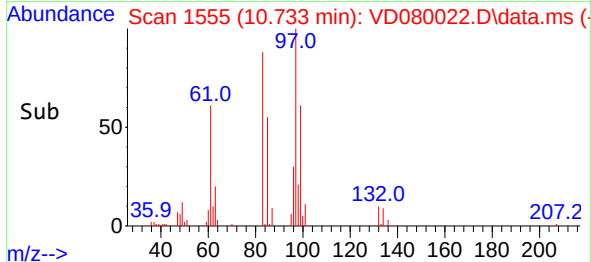
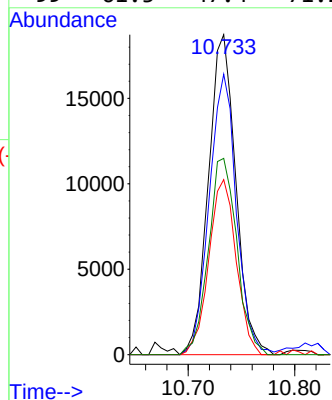
#55  
1,1,2-Trichloroethane  
Concen: 19.092 ug/l  
RT: 10.733 min Scan# 1555  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Instrument :  
MSVOA\_D  
ClientSampleId :



Tgt Ion: 97 Resp: 33419

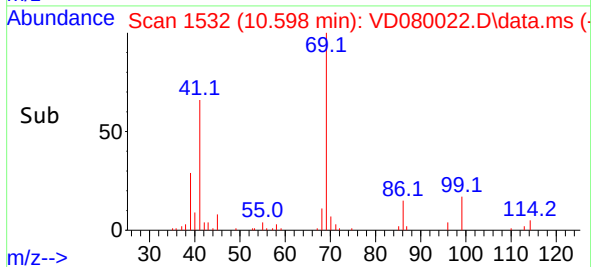
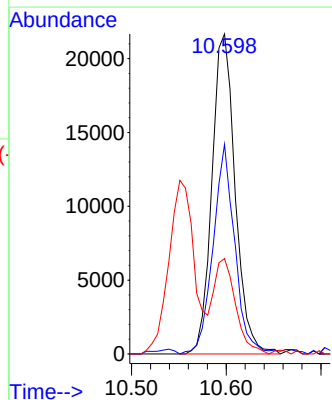
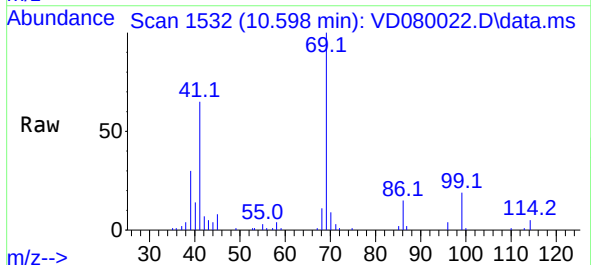
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.7  | 69.2  | 103.8 |
| 85  | 54.7  | 43.0  | 64.6  |
| 99  | 61.3  | 47.4  | 71.2  |



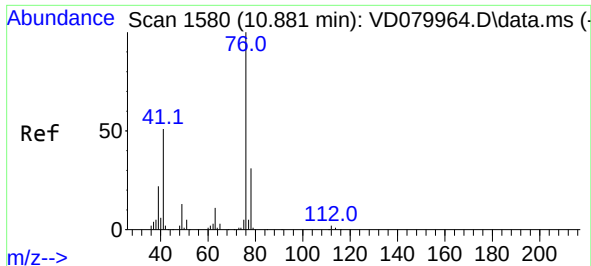
#56  
Ethyl methacrylate  
Concen: 18.197 ug/l  
RT: 10.598 min Scan# 1532  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion: 69 Resp: 37039

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 60.9  | 50.4  | 75.6  |
| 39  | 27.7  | 26.0  | 39.0  |







#57

1,3-Dichloropropane

Concen: 18.974 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. -0.001 min

Lab File: VD080022.D

Acq: 15 Nov 2024 10:58

Instrument :

MSVOA\_D

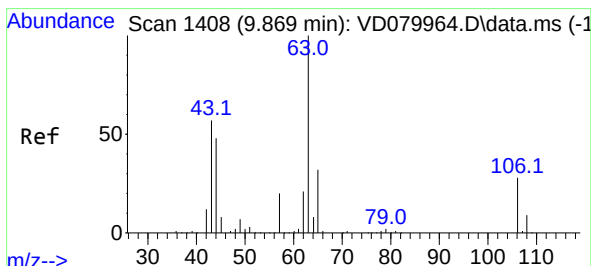
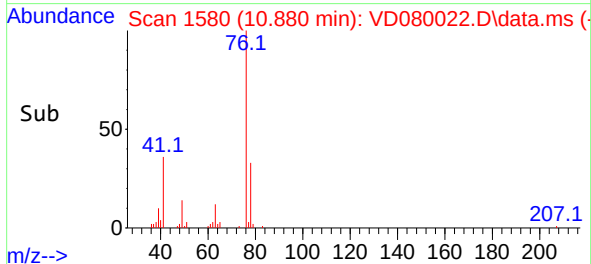
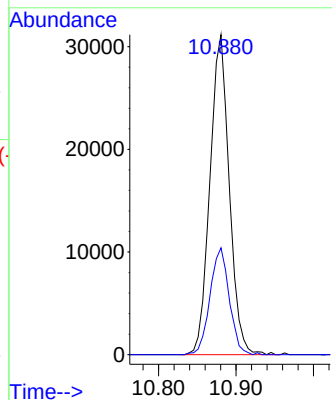
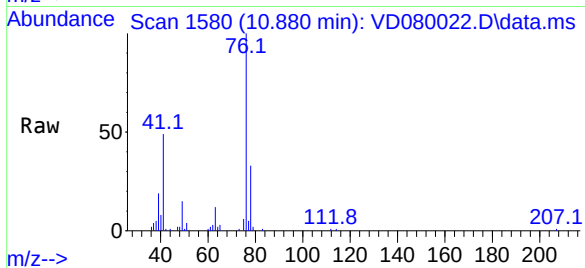
ClientSampleId :

Tgt Ion: 76 Resp: 54029

Ion Ratio Lower Upper

76 100

78 33.3 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 86.309 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.001 min

Lab File: VD080022.D

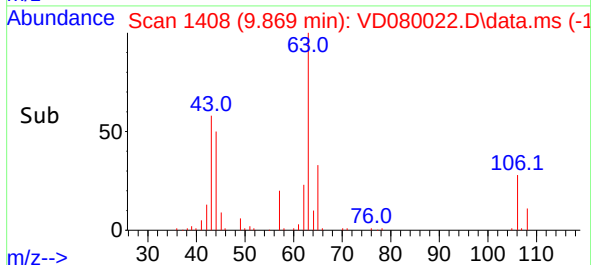
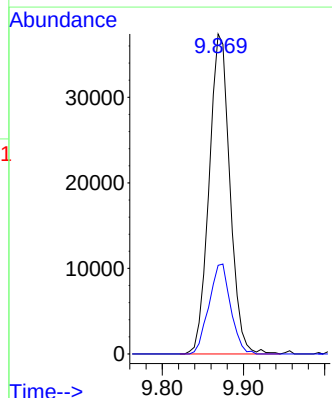
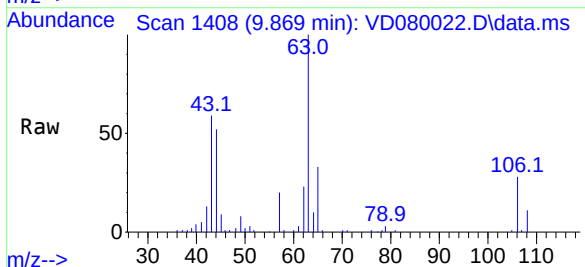
Acq: 15 Nov 2024 10:58

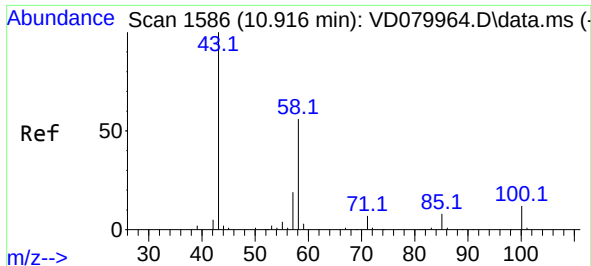
Tgt Ion: 63 Resp: 66445

Ion Ratio Lower Upper

63 100

106 29.3 21.8 32.6

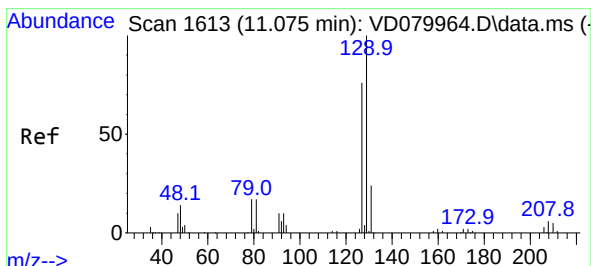
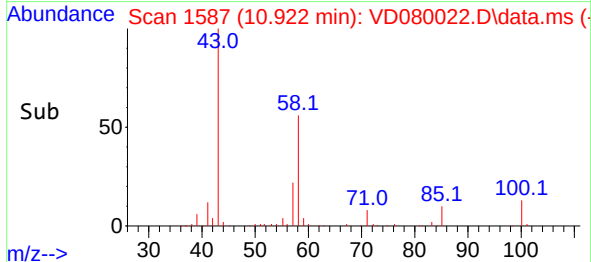
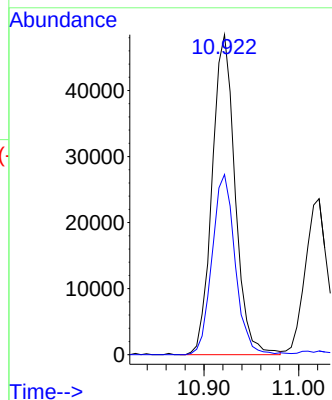
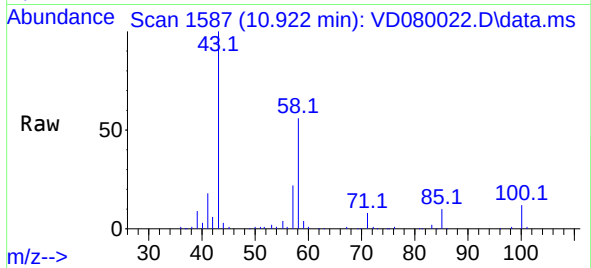




#59  
2-Hexanone  
Concen: 92.232 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

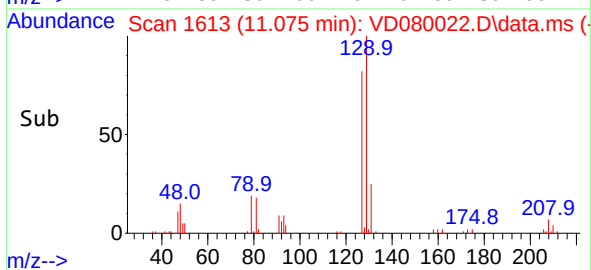
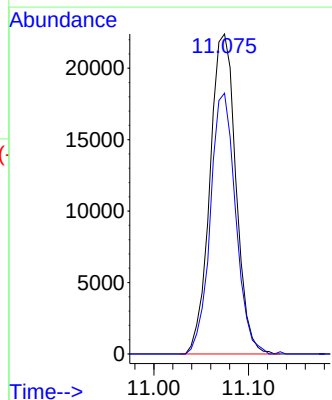
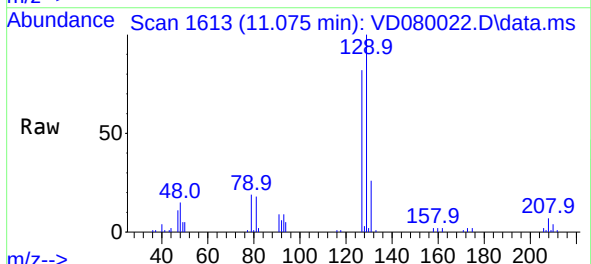
Instrument :  
MSVOA\_D  
ClientSampleId :

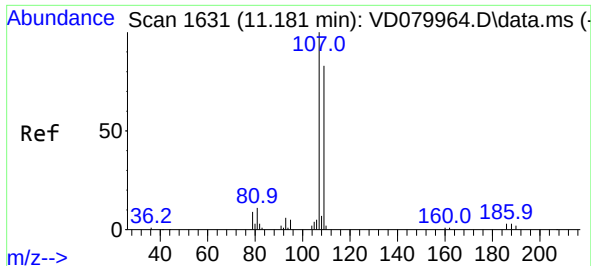
Tgt Ion: 43 Resp: 81441  
Ion Ratio Lower Upper  
43 100  
58 56.8 27.8 83.4



#60  
Dibromochloromethane  
Concen: 18.931 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion:129 Resp: 42654  
Ion Ratio Lower Upper  
129 100  
127 79.1 38.4 115.2

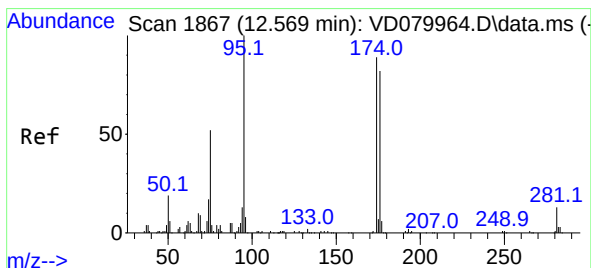
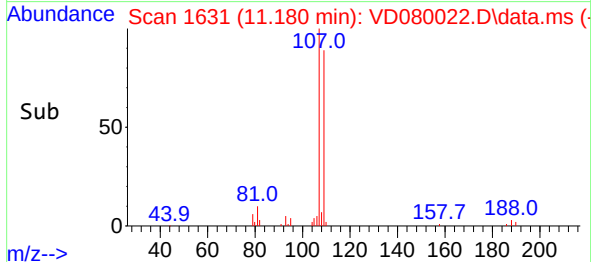
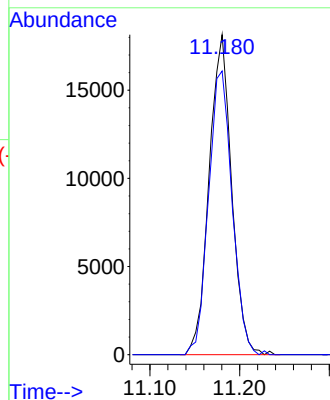
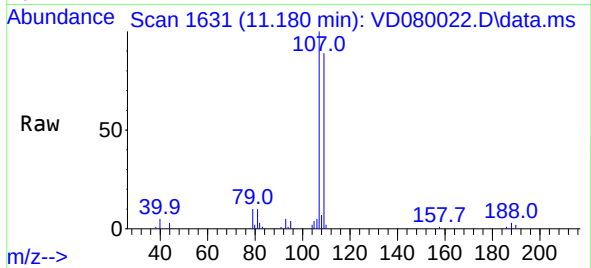




#61  
1,2-Dibromoethane  
Concen: 19.138 ug/l  
RT: 11.180 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

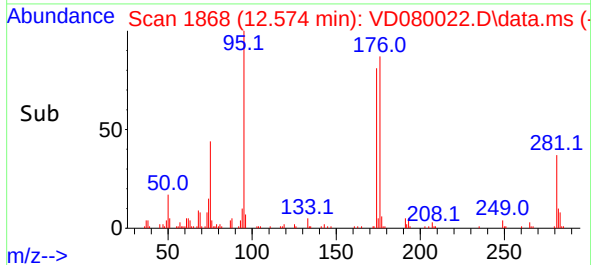
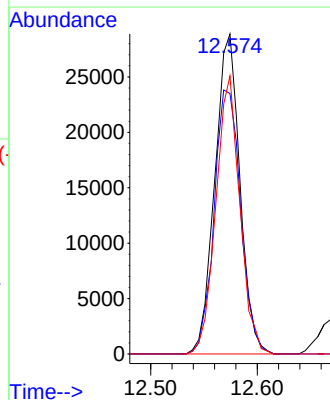
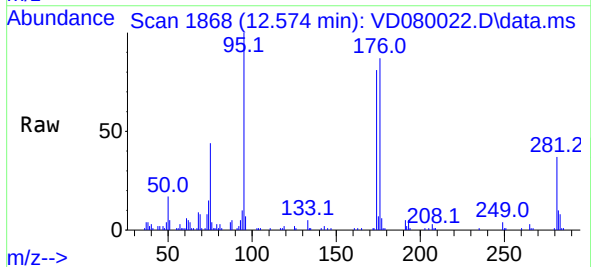
Instrument :  
MSVOA\_D  
ClientSampleId :

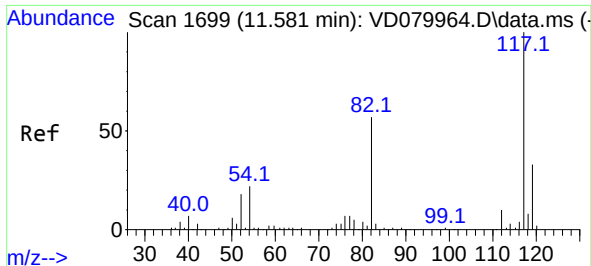
Tgt Ion:107 Resp: 31586  
Ion Ratio Lower Upper  
107 100  
109 93.0 73.9 110.9



#62  
4-Bromofluorobenzene  
Concen: 17.157 ug/l  
RT: 12.574 min Scan# 1868  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion: 95 Resp: 47117  
Ion Ratio Lower Upper  
95 100  
174 87.4 0.0 173.4  
176 82.9 0.0 166.6

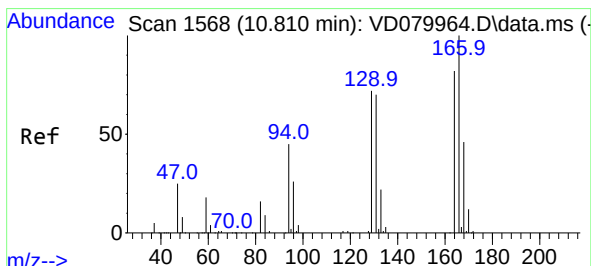
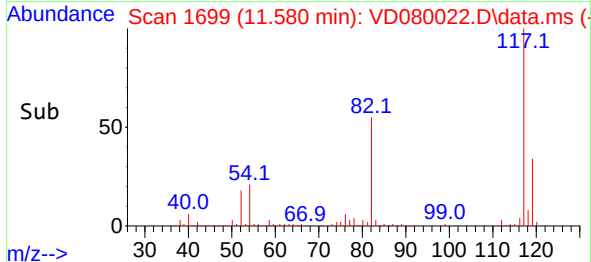
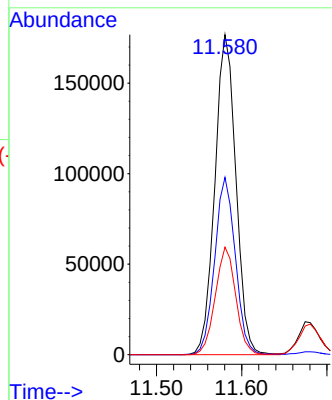
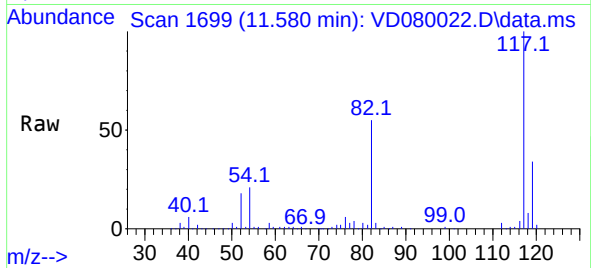




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.580 min Scan# 117  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

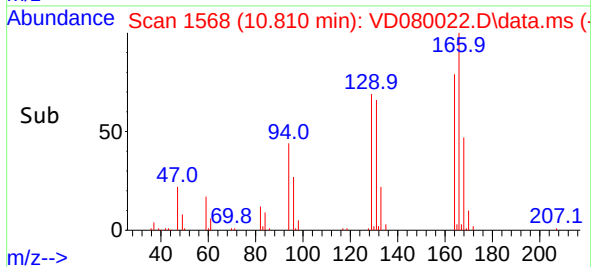
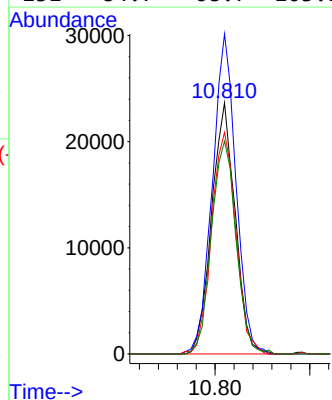
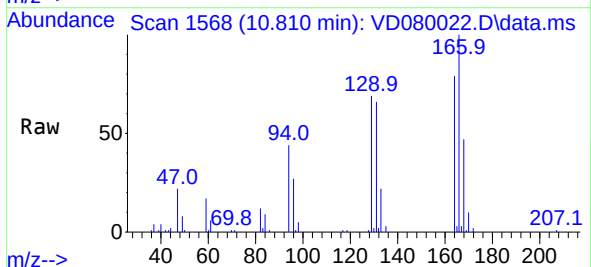
Instrument :  
MSVOA\_D  
ClientSampleId :

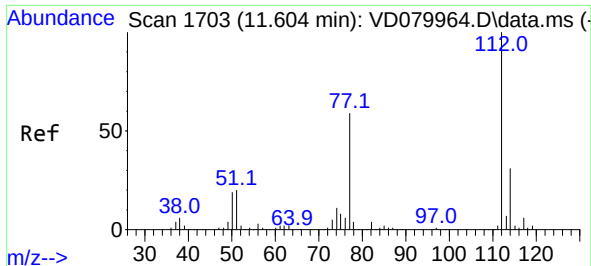
Tgt Ion:117 Resp: 304255  
Ion Ratio Lower Upper  
117 100  
82 55.4 45.8 68.6  
119 33.6 26.2 39.2



#64  
Tetrachloroethene  
Concen: 18.906 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion:164 Resp: 40964  
Ion Ratio Lower Upper  
164 100  
166 127.4 97.5 146.3  
129 88.2 70.6 106.0  
131 84.7 68.7 103.1

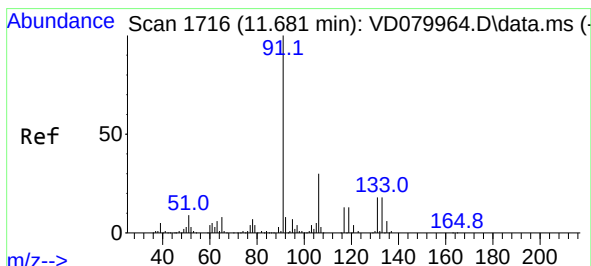
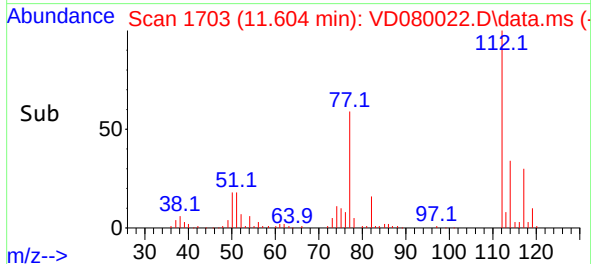
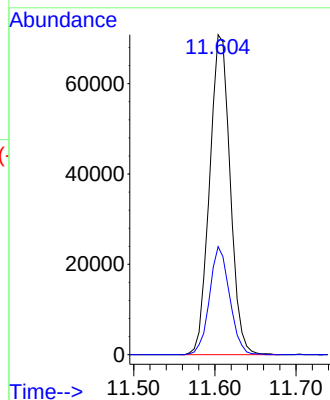
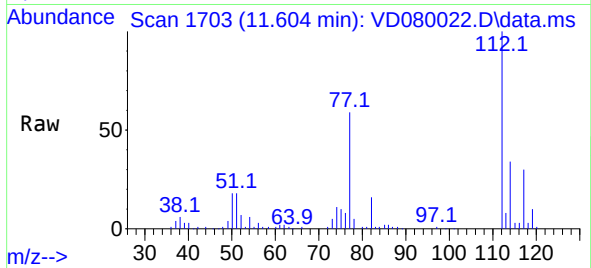




#65  
Chlorobenzene  
Concen: 18.769 ug/l  
RT: 11.604 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

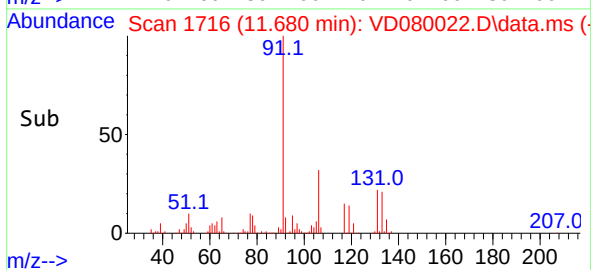
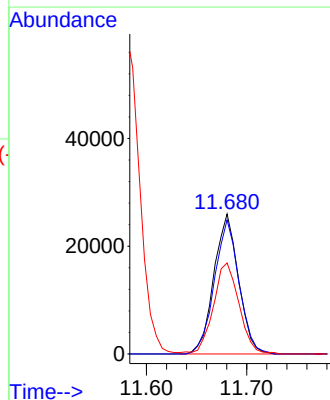
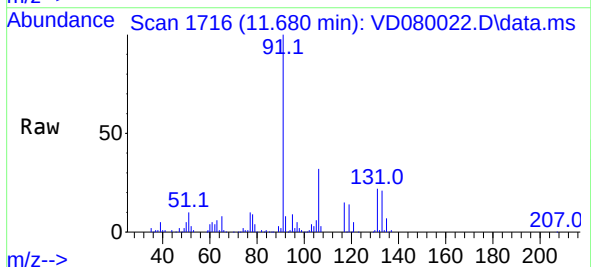
Instrument :  
MSVOA\_D  
ClientSampleId :

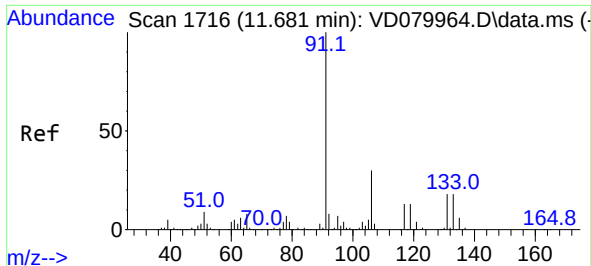
Tgt Ion:112 Resp: 124572  
Ion Ratio Lower Upper  
112 100  
114 33.8 24.6 37.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.145 ug/l  
RT: 11.680 min Scan# 1716  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion:131 Resp: 44230  
Ion Ratio Lower Upper  
131 100  
133 95.8 48.8 146.4  
119 67.9 34.8 104.3

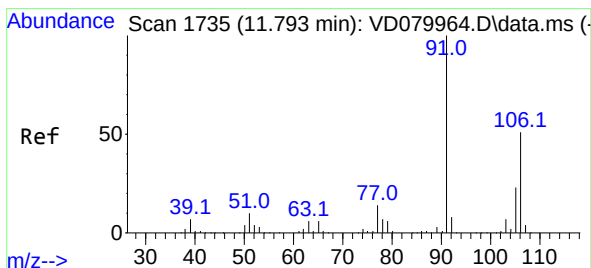
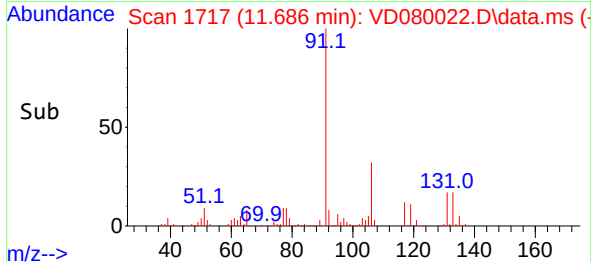
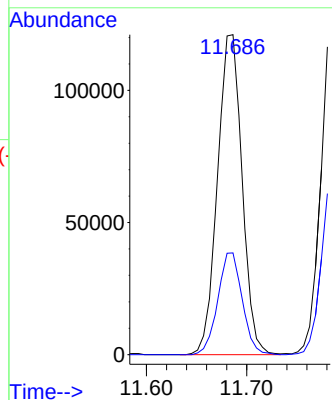
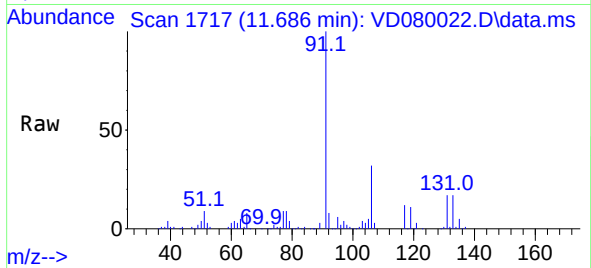




#67  
Ethyl Benzene  
Concen: 18.506 ug/l  
RT: 11.686 min Scan# 1716  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

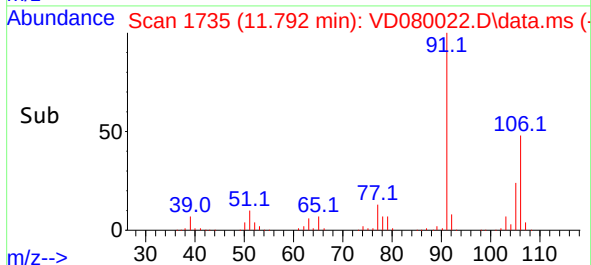
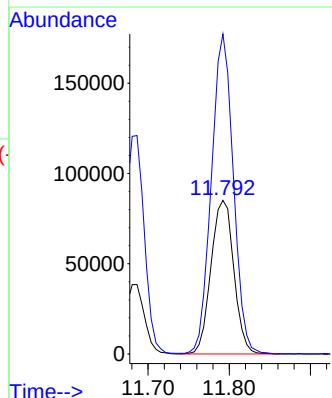
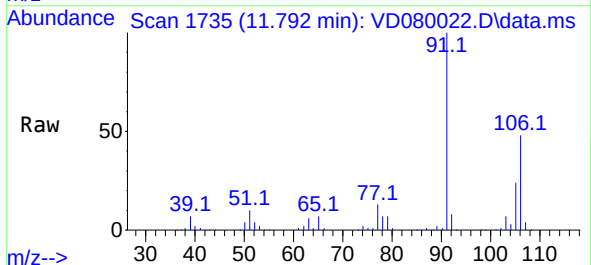
Instrument :  
MSVOA\_D  
ClientSampleId :

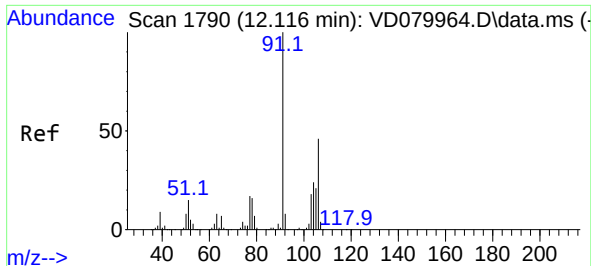
Tgt Ion: 91 Resp: 206092  
Ion Ratio Lower Upper  
91 100  
106 31.8 23.6 35.4



#68  
m/p-Xylenes  
Concen: 38.223 ug/l  
RT: 11.792 min Scan# 1735  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion: 106 Resp: 166351  
Ion Ratio Lower Upper  
106 100  
91 200.6 162.6 244.0





#69

o-Xylene

Concen: 18.794 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.005 min

Lab File: VD080022.D

Acq: 15 Nov 2024 10:58

Instrument :

MSVOA\_D

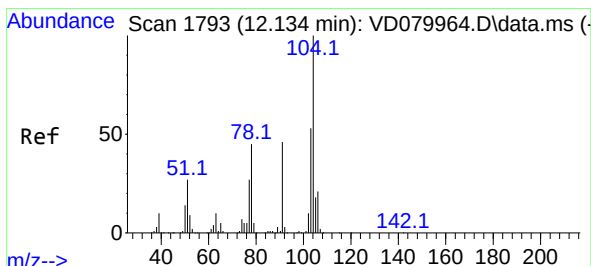
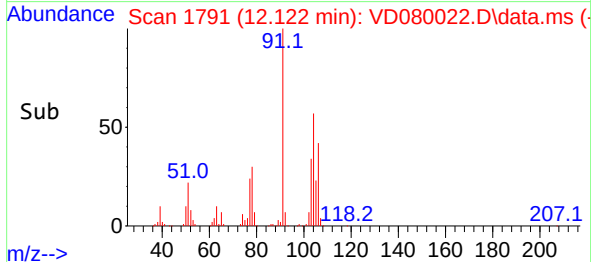
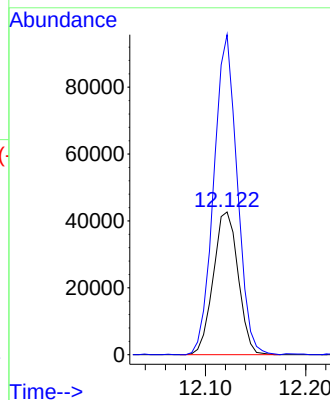
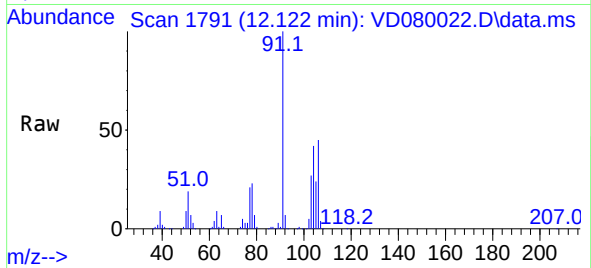
ClientSampleId :

Tgt Ion:106 Resp: 73527

Ion Ratio Lower Upper

106 100

91 211.1 110.5 331.5



#70

Styrene

Concen: 19.260 ug/l

RT: 12.133 min Scan# 1793

Delta R.T. -0.001 min

Lab File: VD080022.D

Acq: 15 Nov 2024 10:58

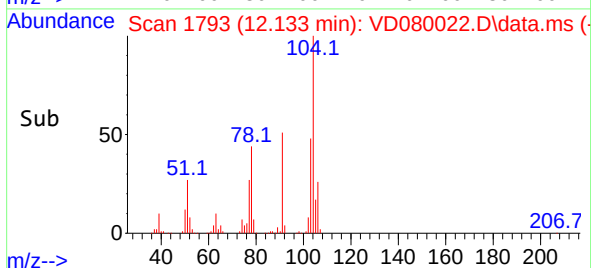
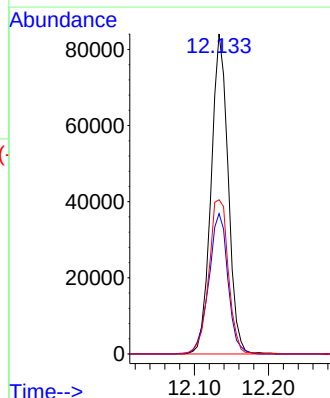
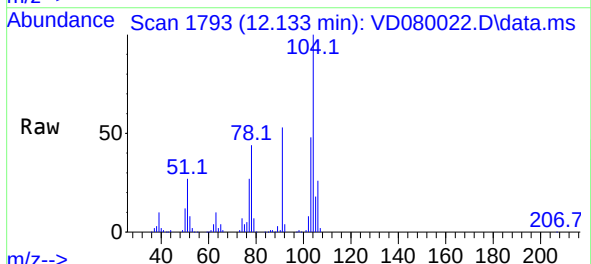
Tgt Ion:104 Resp: 134490

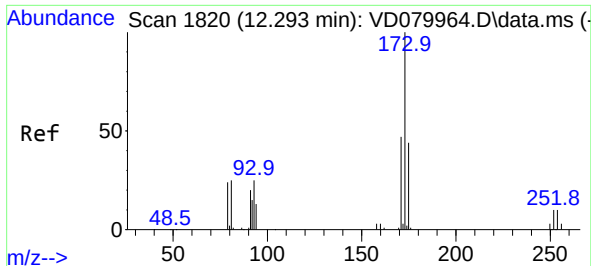
Ion Ratio Lower Upper

104 100

78 49.1 39.8 59.8

103 55.3 45.2 67.8

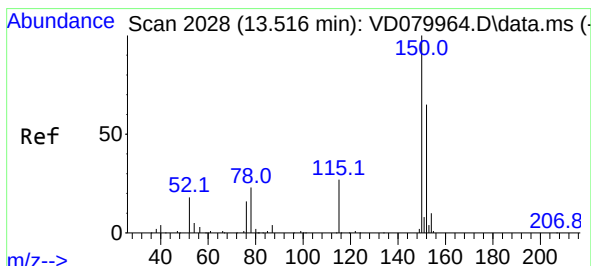
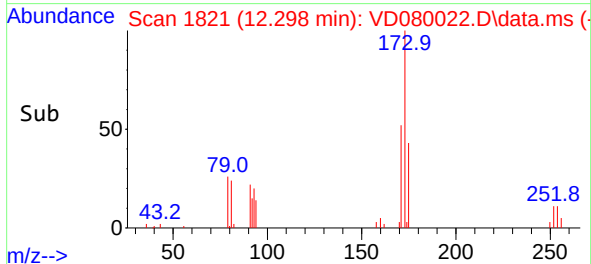
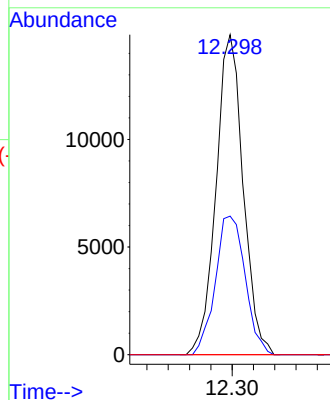
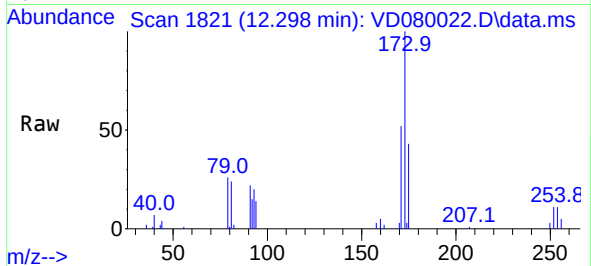




#71  
Bromoform  
Concen: 19.241 ug/l  
RT: 12.298 min Scan# 1820  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

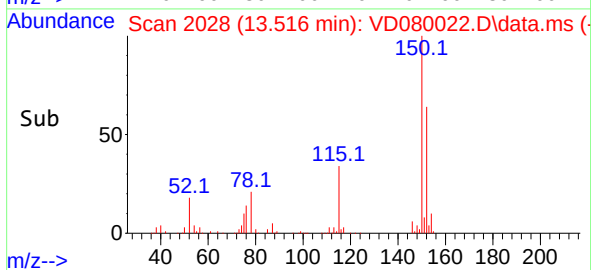
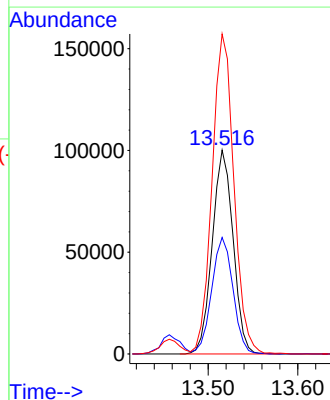
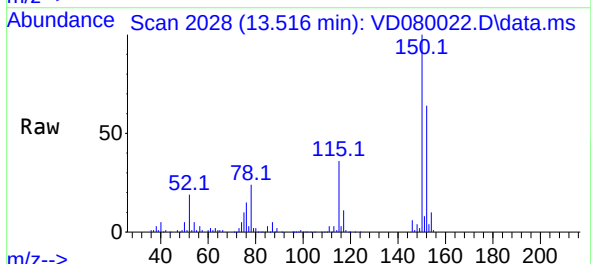
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:173 Resp: 26209  
Ion Ratio Lower Upper  
173 100  
175 47.7 24.8 74.3  
254 0.0 0.0 0.0

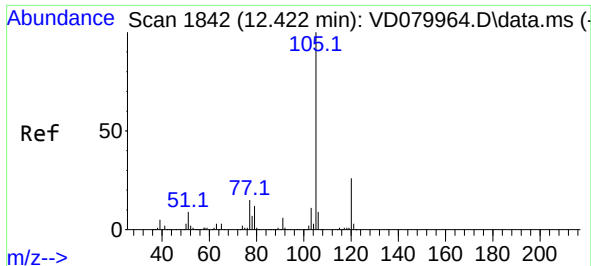


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.516 min Scan# 2028  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion:152 Resp: 161583  
Ion Ratio Lower Upper  
152 100  
115 58.4 28.9 86.8  
150 164.3 0.0 354.8

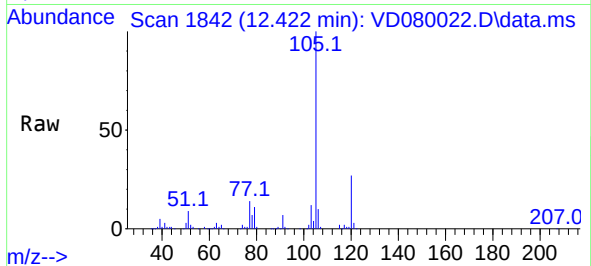




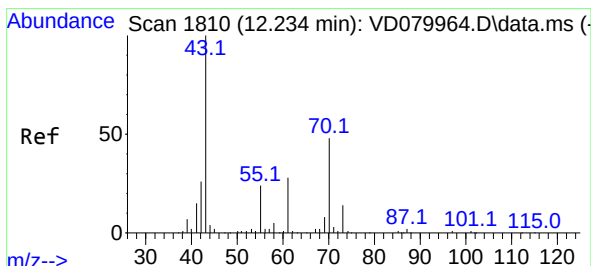
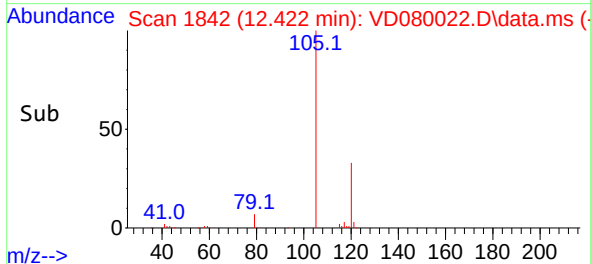
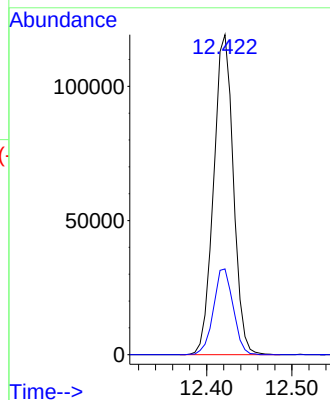


#73  
Isopropylbenzene  
Concen: 18.444 ug/l  
RT: 12.422 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Instrument :  
MSVOA\_D  
ClientSampleId :

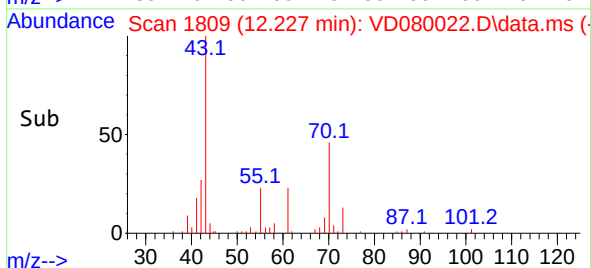
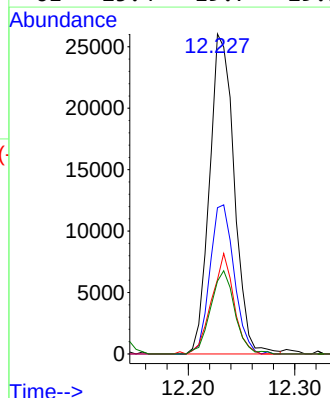
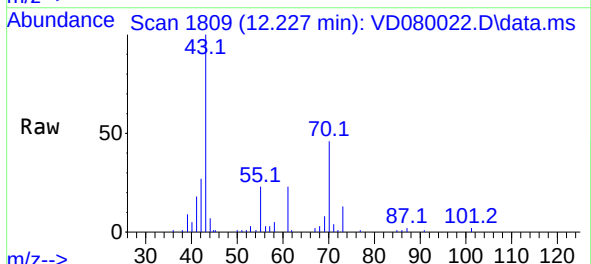


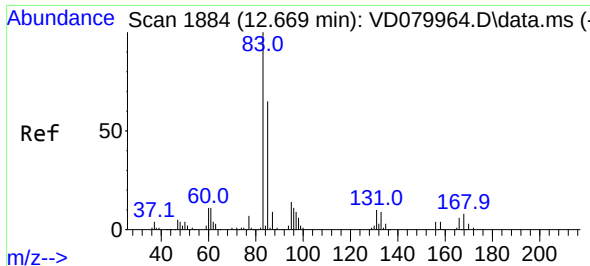
Tgt Ion:105 Resp: 192187  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.3 39.9



#74  
N-ethyl acetate  
Concen: 18.251 ug/l  
RT: 12.227 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion: 43 Resp: 41904  
Ion Ratio Lower Upper  
43 100  
70 45.8 36.3 54.5  
55 28.2 20.3 30.5  
61 25.4 19.7 29.5

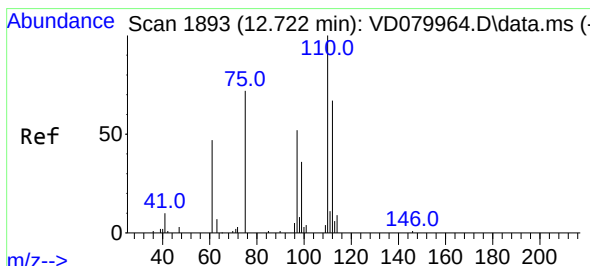
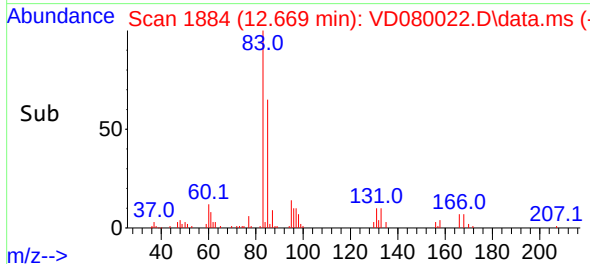
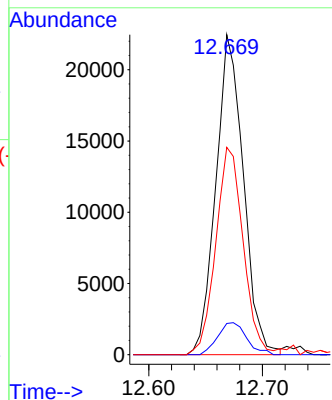
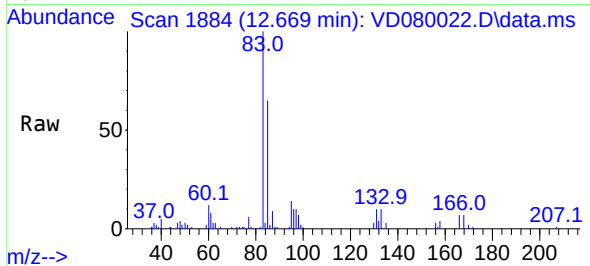




#75  
1,1,2,2-Tetrachloroethane  
Concen: 18.873 ug/l  
RT: 12.669 min Scan# 1884  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

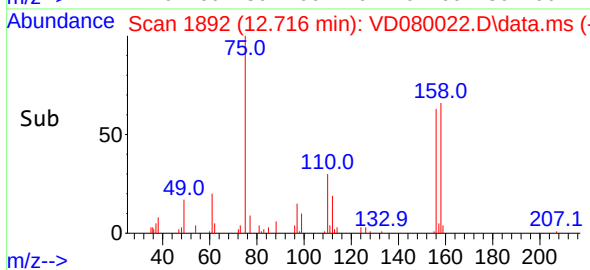
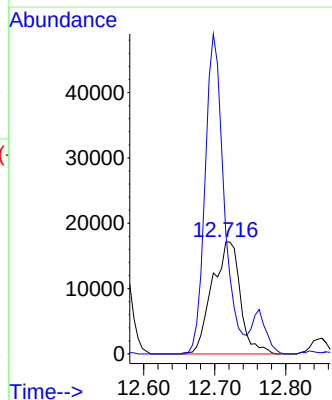
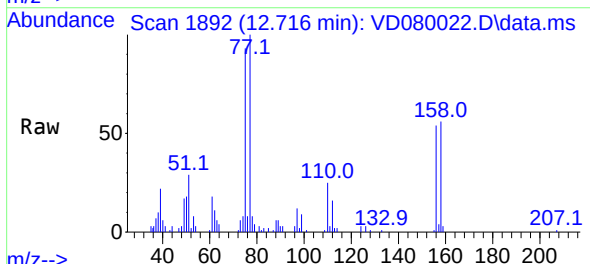
Instrument :  
MSVOA\_D  
ClientSampleId :

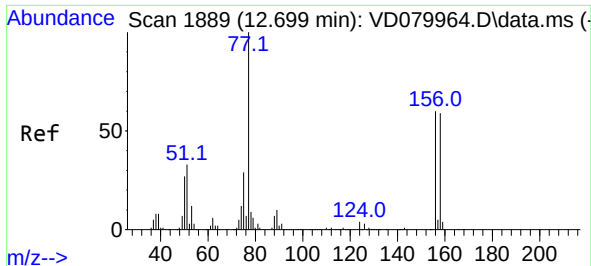
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 37794 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 10.5  | 5.1   | 15.3  |
| 85       | 64.5  | 32.9  | 98.6  |



#76  
1,2,3-Trichloropropane  
Concen: 18.993 ug/l  
RT: 12.716 min Scan# 1892  
Delta R.T. -0.006 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 47026 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 194.5 | 0.0   | 0.0#  |

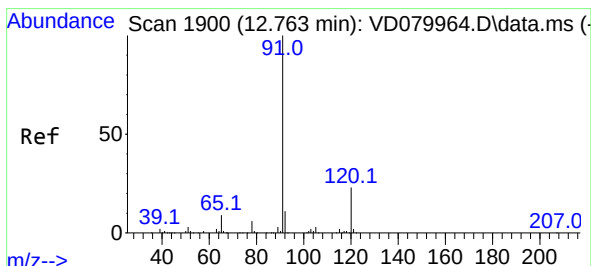
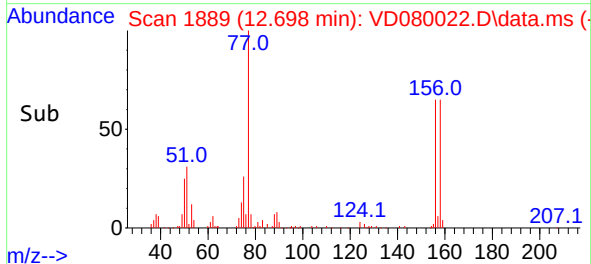
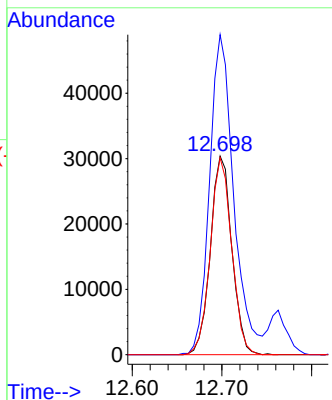
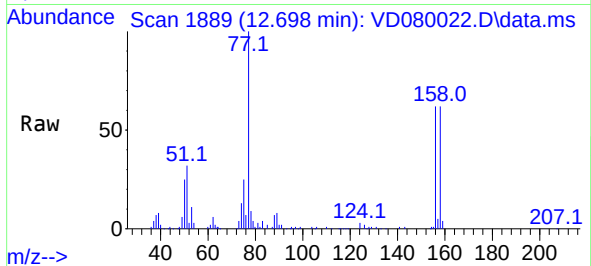




#77  
Bromobenzene  
Concen: 18.678 ug/l  
RT: 12.698 min Scan# 1889  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

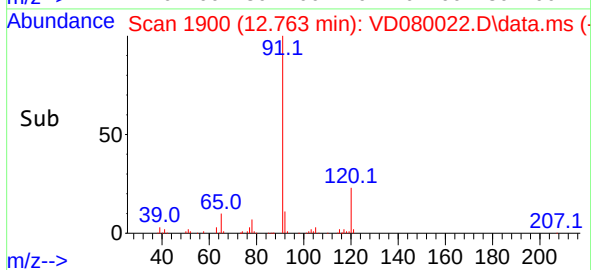
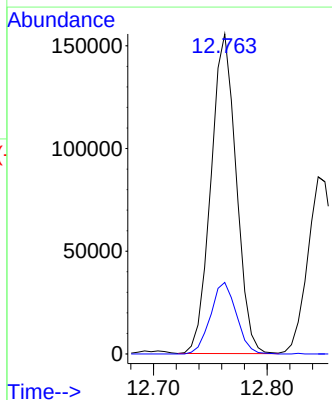
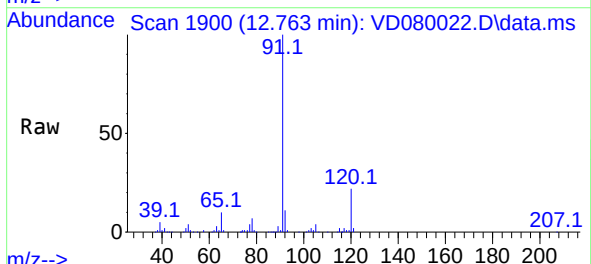
Instrument :  
MSVOA\_D  
ClientSampleId :

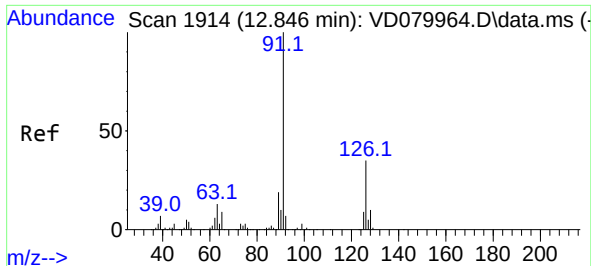
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 180.9 | 89.8  | 269.6 |
| 158     | 98.7  | 47.9  | 143.8 |



#78  
n-propylbenzene  
Concen: 18.680 ug/l  
RT: 12.763 min Scan# 1900  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91      | 100  |       |       |
| 120     | 22.8 | 11.2  | 33.5  |

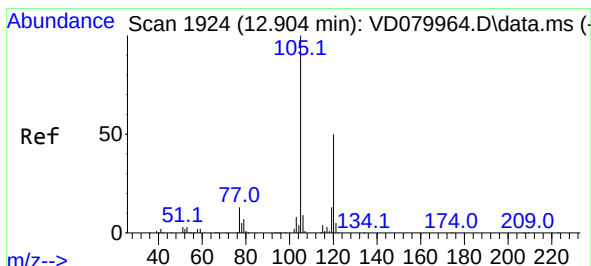
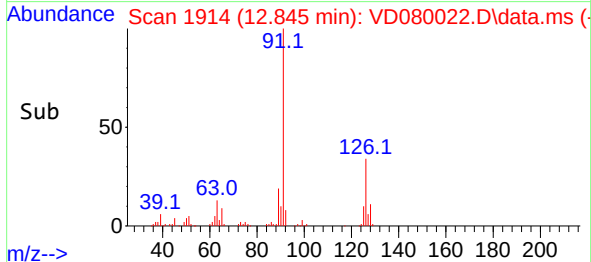
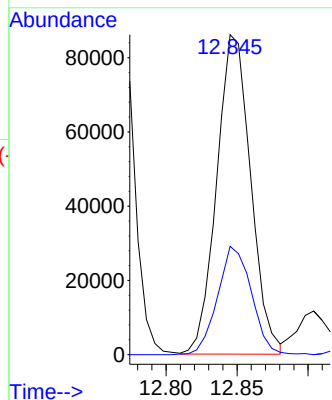
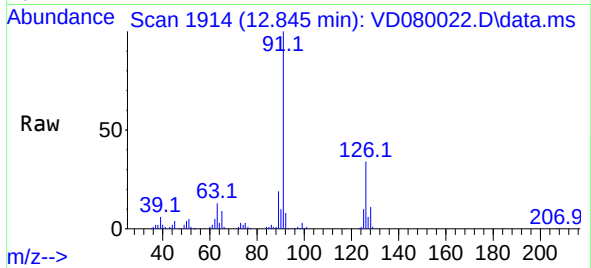




#79  
2-Chlorotoluene  
Concen: 18.974 ug/l  
RT: 12.845 min Scan# 1914  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

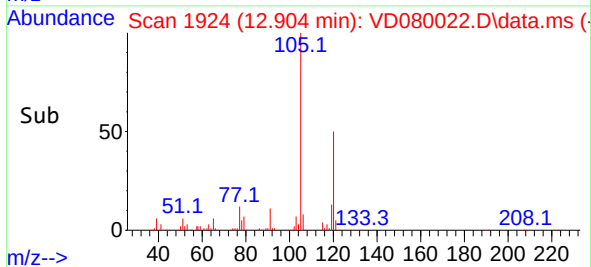
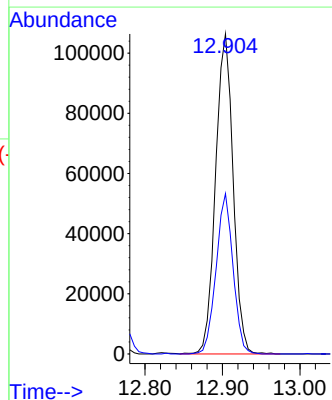
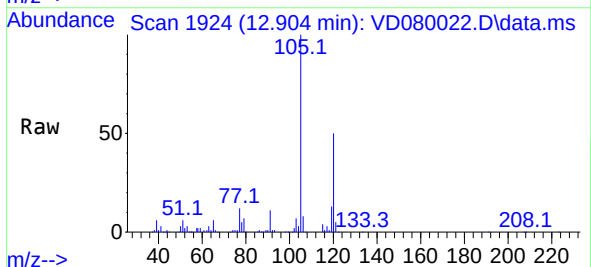
Instrument :  
MSVOA\_D  
ClientSampleId :

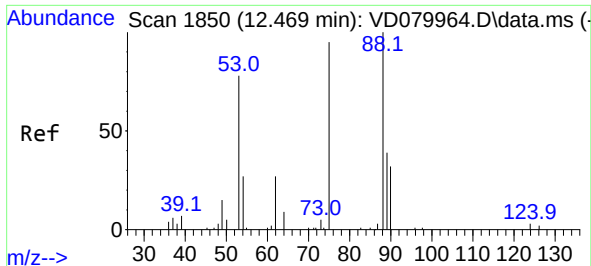
Tgt Ion: 91 Resp: 143286  
Ion Ratio Lower Upper  
91 100  
126 33.9 17.2 51.5



#80  
1,3,5-Trimethylbenzene  
Concen: 18.965 ug/l  
RT: 12.904 min Scan# 1924  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion:105 Resp: 167256  
Ion Ratio Lower Upper  
105 100  
120 48.3 25.0 75.0

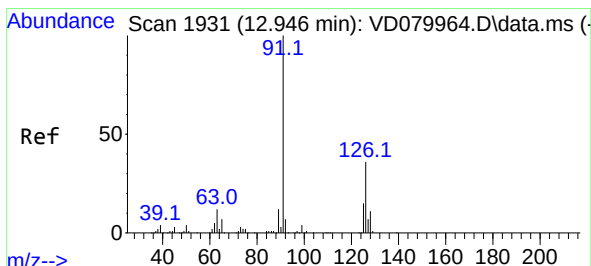
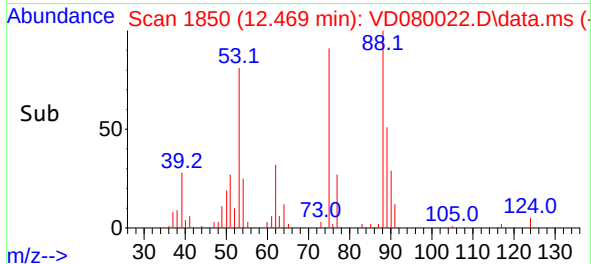
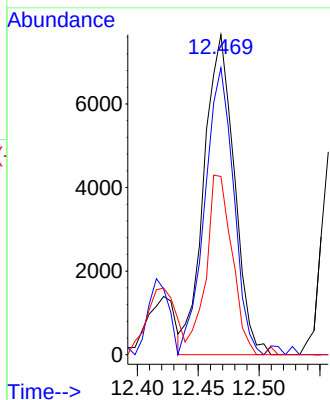
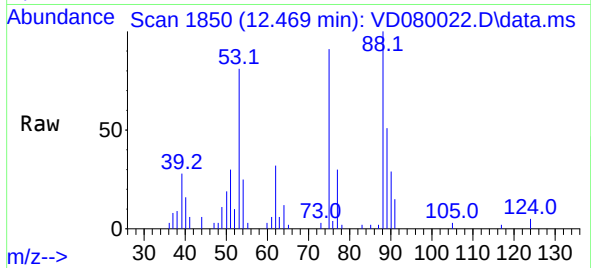




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.046 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

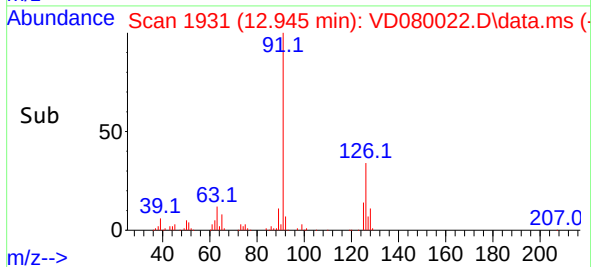
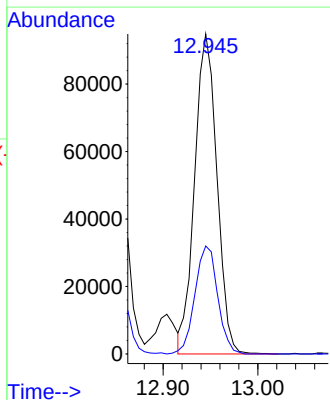
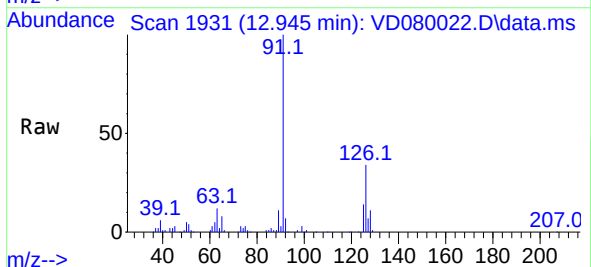
Instrument :  
MSVOA\_D  
ClientSampleId :

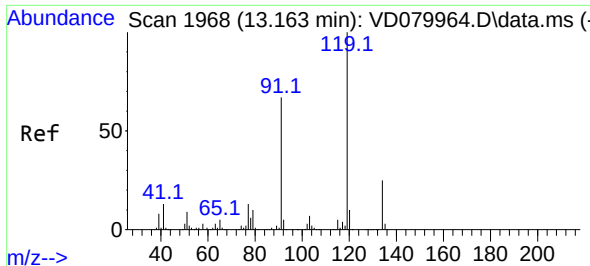
Tgt Ion: 75 Resp: 13278  
Ion Ratio Lower Upper  
75 100  
53 85.1 68.7 103.1  
89 47.8 36.1 54.1



#82  
4-Chlorotoluene  
Concen: 19.228 ug/l  
RT: 12.945 min Scan# 1931  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion: 91 Resp: 155234  
Ion Ratio Lower Upper  
91 100  
126 34.4 16.8 50.3

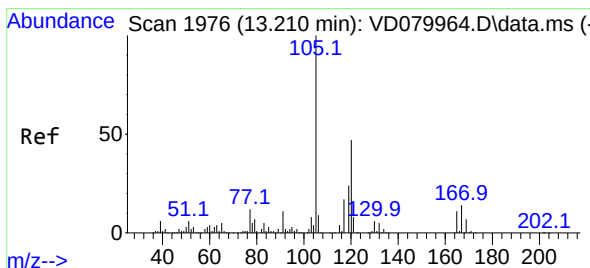
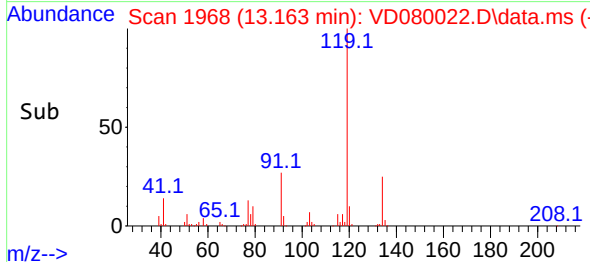
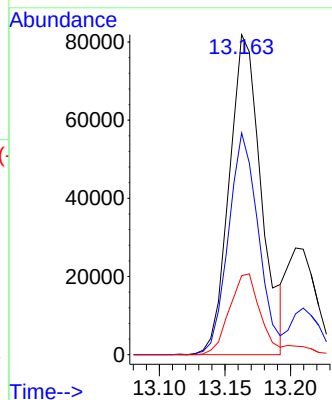
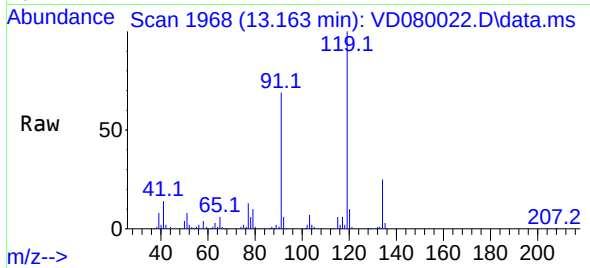




#83  
tert-Butylbenzene  
Concen: 18.222 ug/l  
RT: 13.163 min Scan# 1968  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

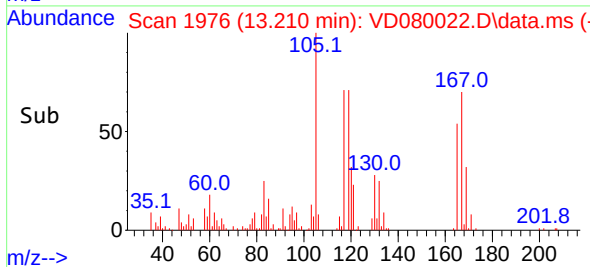
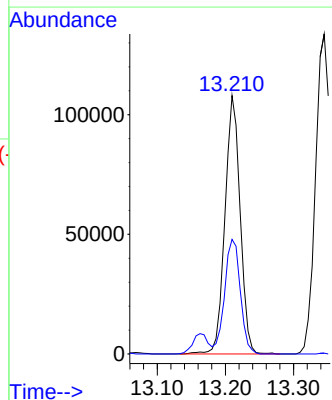
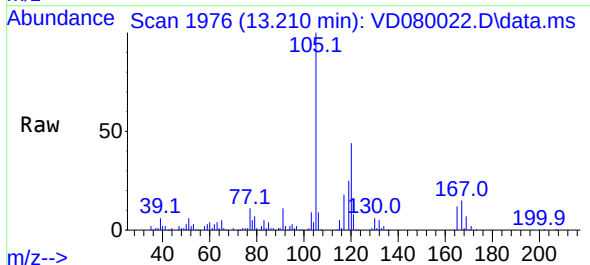
Instrument :  
MSVOA\_D  
ClientSampleId :

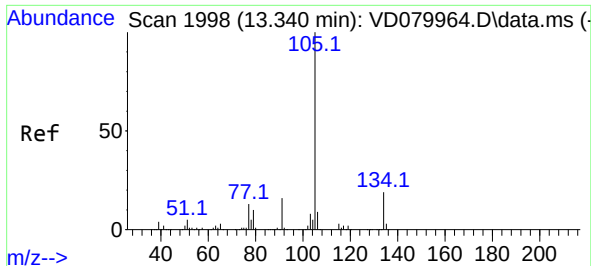
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 119     | 100  |       |       |
| 91      | 65.0 | 33.3  | 99.9  |
| 134     | 26.6 | 13.5  | 40.5  |



#84  
1,2,4-Trimethylbenzene  
Concen: 18.926 ug/l  
RT: 13.210 min Scan# 1976  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 105     | 100  |       |       |
| 120     | 45.8 | 22.8  | 68.4  |

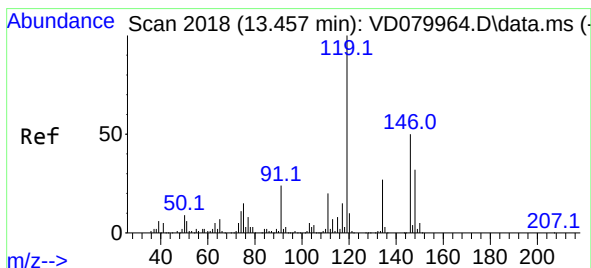
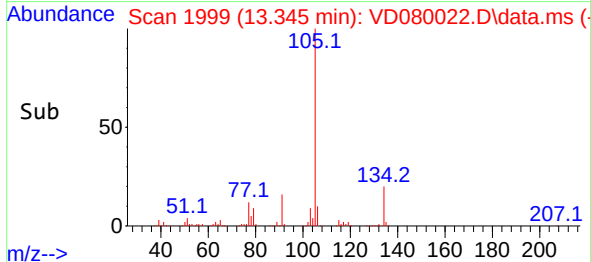
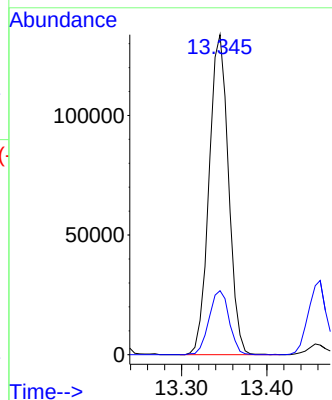
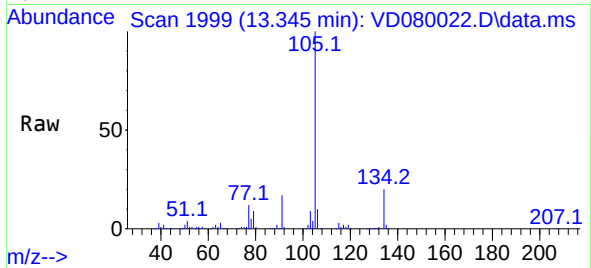




#85  
sec-Butylbenzene  
Concen: 18.710 ug/l  
RT: 13.345 min Scan# 1999  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

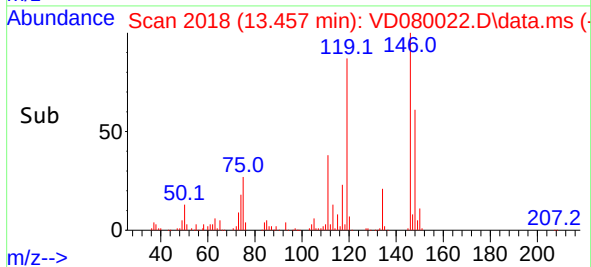
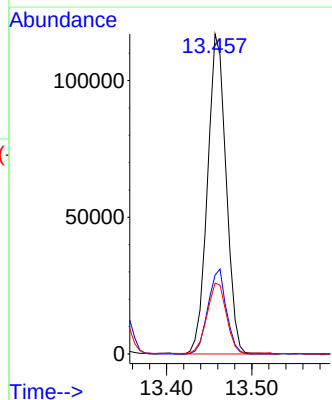
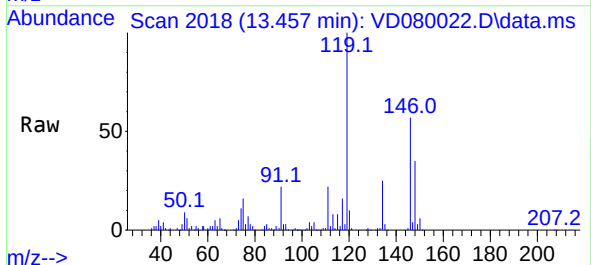
Instrument :  
MSVOA\_D  
ClientSampleId :

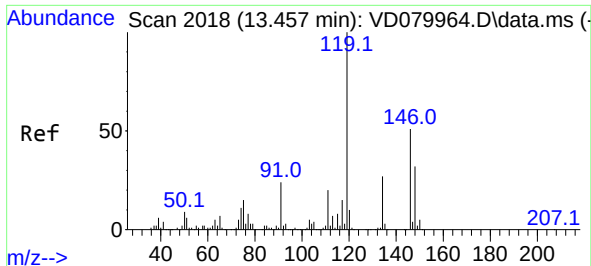
Tgt Ion:105 Resp: 211232  
Ion Ratio Lower Upper  
105 100  
134 20.7 9.8 29.3



#86  
p-Isopropyltoluene  
Concen: 18.564 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

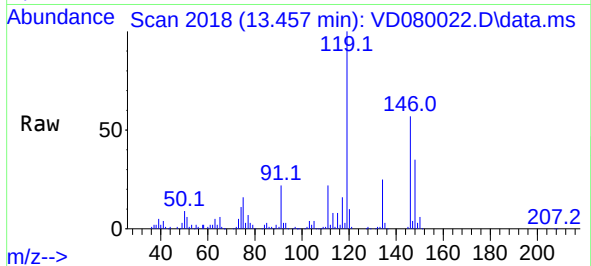
Tgt Ion:119 Resp: 177158  
Ion Ratio Lower Upper  
119 100  
134 26.0 13.1 39.1  
91 22.8 12.2 36.4



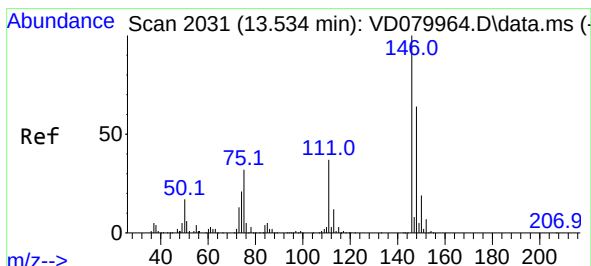
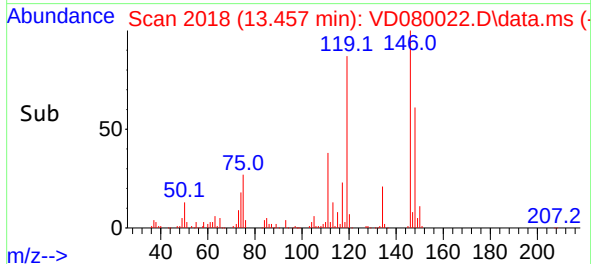
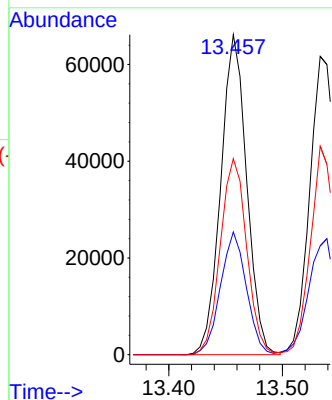


#87  
1,3-Dichlorobenzene  
Concen: 19.174 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Instrument :  
MSVOA\_D  
ClientSampleId :

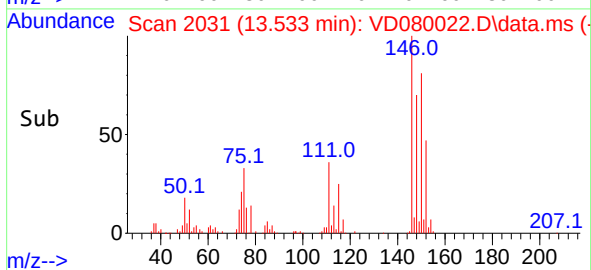
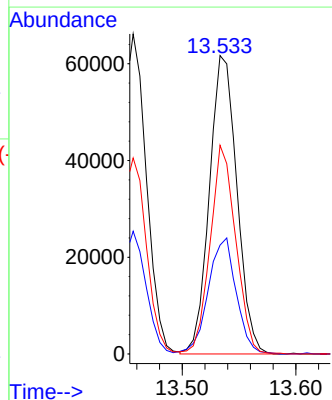
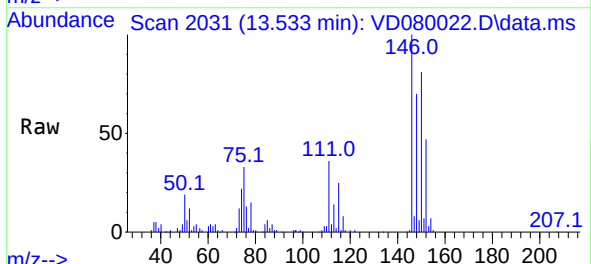


Tgt Ion:146 Resp: 105146  
Ion Ratio Lower Upper  
146 100  
111 38.3 20.0 59.9  
148 62.1 31.9 95.7

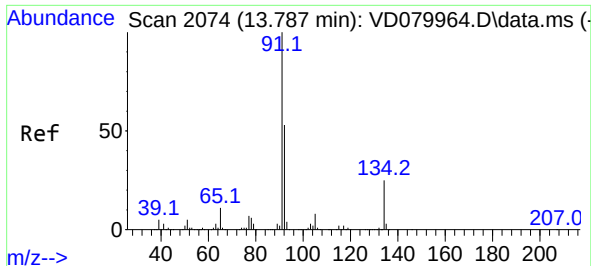


#88  
1,4-Dichlorobenzene  
Concen: 18.875 ug/l  
RT: 13.533 min Scan# 2031  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion:146 Resp: 103949  
Ion Ratio Lower Upper  
146 100  
111 39.6 19.3 57.8  
148 65.0 32.9 98.7

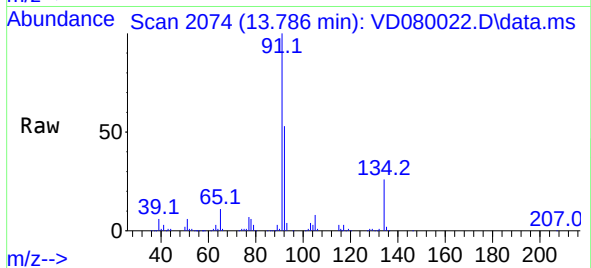




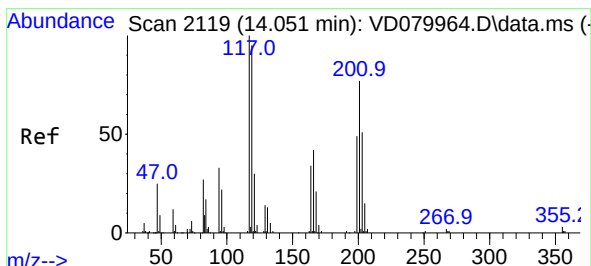
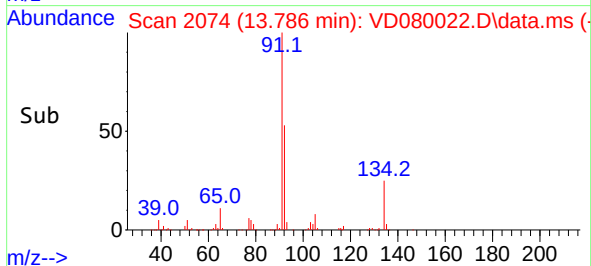
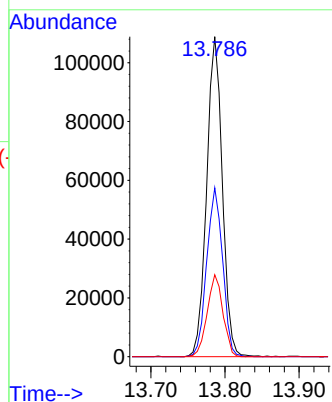


#89  
n-Butylbenzene  
Concen: 17.822 ug/l  
RT: 13.786 min Scan# 2074  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Instrument :  
MSVOA\_D  
ClientSampleId :

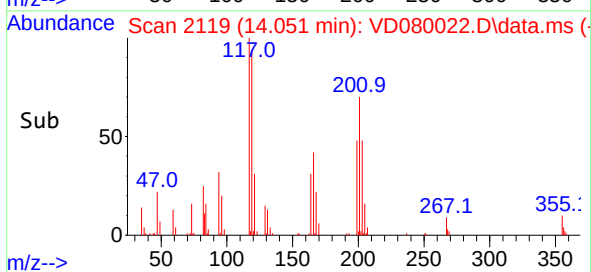
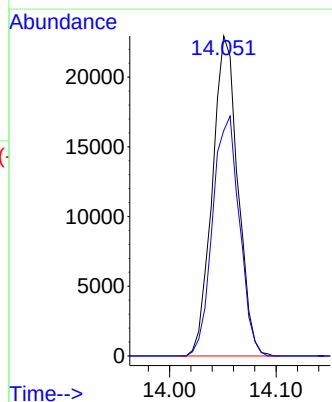
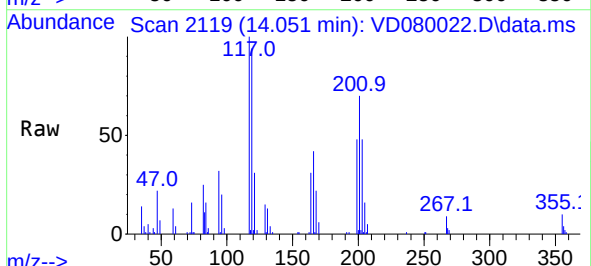


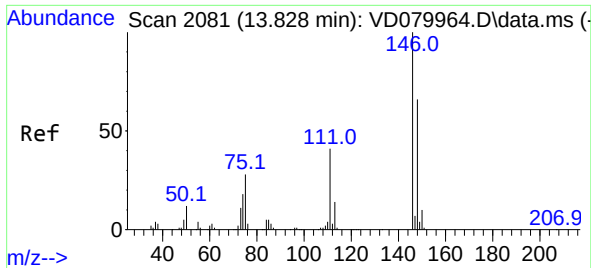
Tgt Ion: 91 Resp: 160004  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.3 78.9  
134 25.7 12.3 36.8



#90  
Hexachloroethane  
Concen: 18.691 ug/l  
RT: 14.051 min Scan# 2119  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion: 117 Resp: 38237  
Ion Ratio Lower Upper  
117 100  
201 78.5 37.5 112.5





#91

1,2-Dichlorobenzene

Concen: 19.026 ug/l

RT: 13.827 min Scan# 2081

Delta R.T. -0.001 min

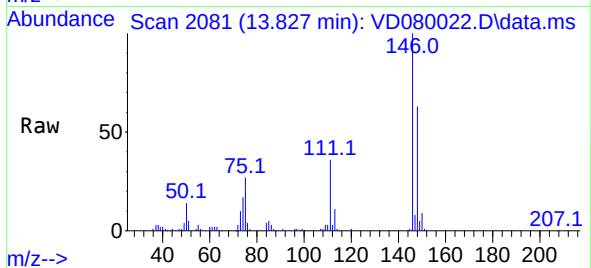
Lab File: VD080022.D

Acq: 15 Nov 2024 10:58

Instrument :

MSVOA\_D

ClientSampleId :



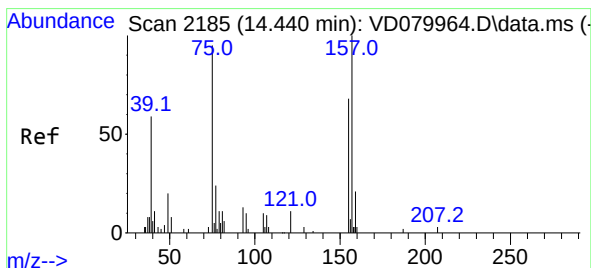
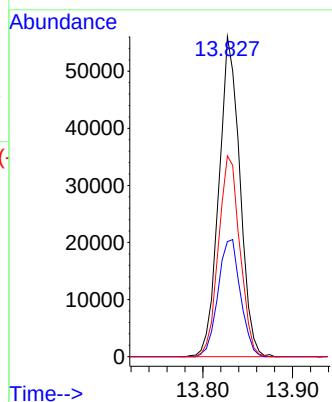
Tgt Ion:146 Resp: 90973

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 146 | 100 |  |  |
|-----|-----|--|--|

|     |      |      |      |
|-----|------|------|------|
| 111 | 39.2 | 20.6 | 61.8 |
|-----|------|------|------|

|     |      |      |      |
|-----|------|------|------|
| 148 | 63.9 | 32.7 | 98.1 |
|-----|------|------|------|



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.190 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.011 min

Lab File: VD080022.D

Acq: 15 Nov 2024 10:58

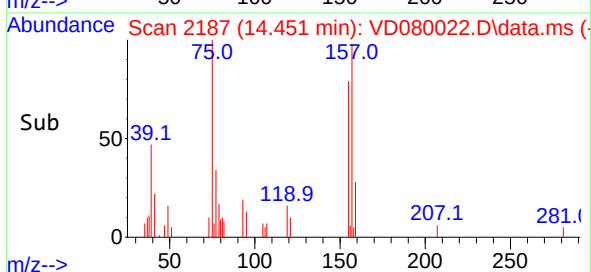
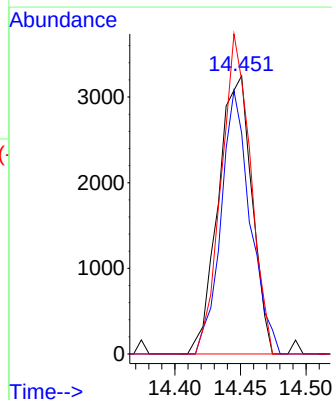
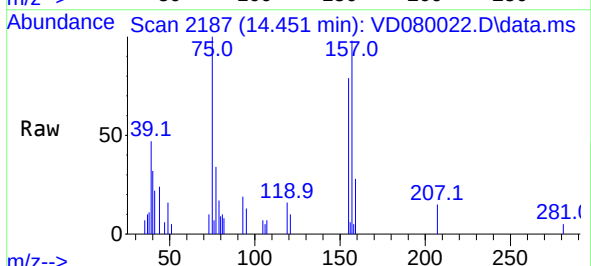
Tgt Ion: 75 Resp: 5811

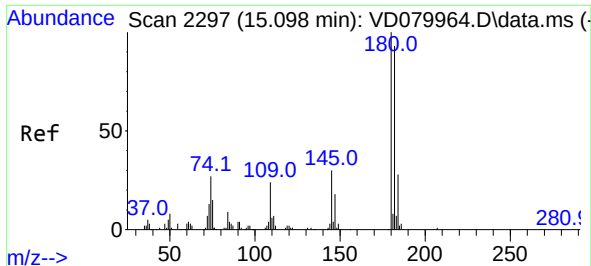
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|    |     |  |  |
|----|-----|--|--|
| 75 | 100 |  |  |
|----|-----|--|--|

|     |      |      |       |
|-----|------|------|-------|
| 155 | 82.3 | 40.6 | 122.0 |
|-----|------|------|-------|

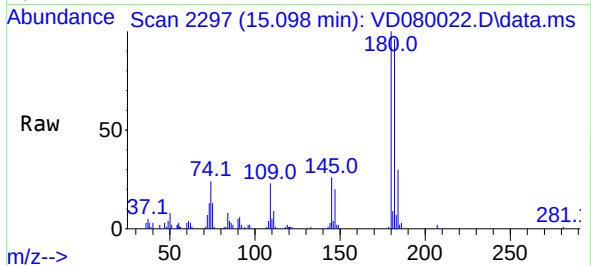
|     |       |      |       |
|-----|-------|------|-------|
| 157 | 100.1 | 53.3 | 159.9 |
|-----|-------|------|-------|



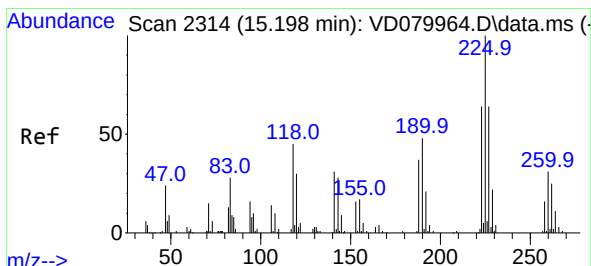
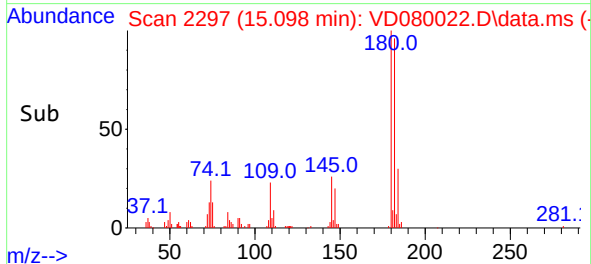
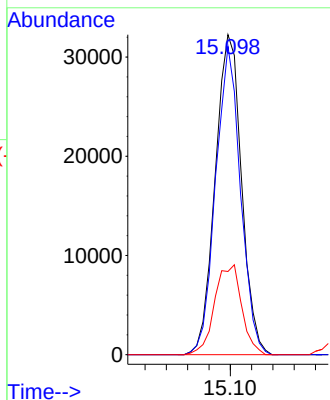


#93  
1,2,4-Trichlorobenzene  
Concen: 18.436 ug/l  
RT: 15.098 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Instrument :  
MSVOA\_D  
ClientSampleId :

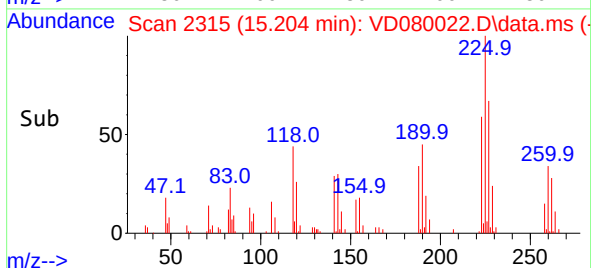
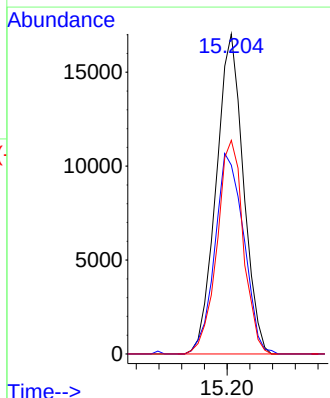
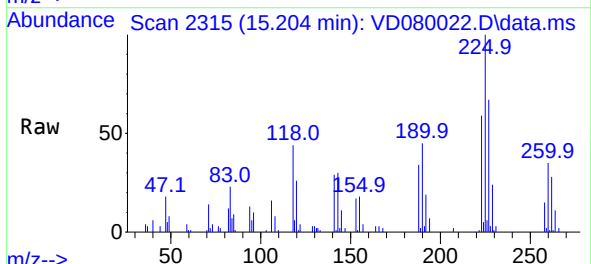


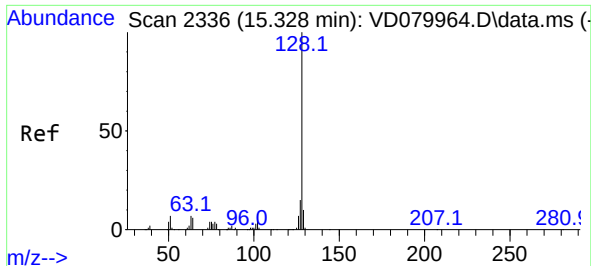
Tgt Ion:180 Resp: 55280  
Ion Ratio Lower Upper  
180 100  
182 91.1 47.4 142.2  
145 28.9 14.7 44.1



#94  
Hexachlorobutadiene  
Concen: 17.472 ug/l  
RT: 15.204 min Scan# 2315  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Tgt Ion:225 Resp: 28314  
Ion Ratio Lower Upper  
225 100  
223 66.6 31.5 94.5  
227 64.6 30.9 92.5

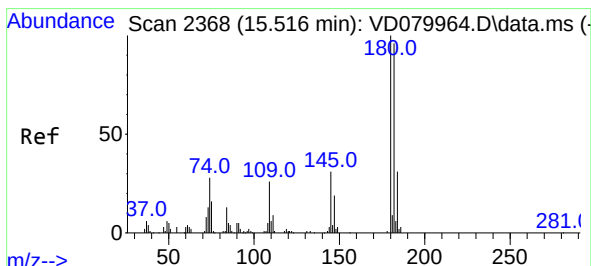
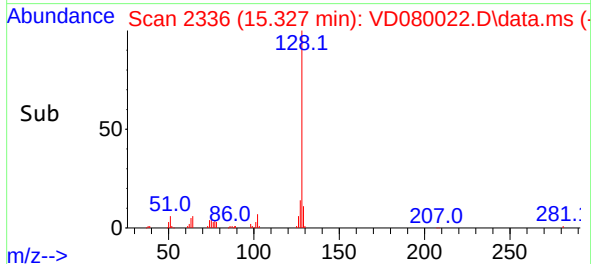
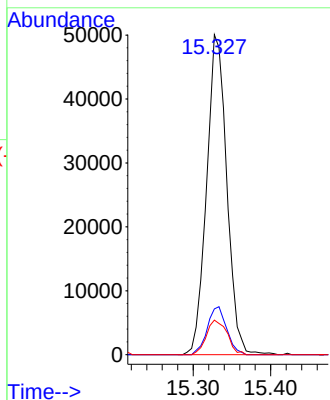
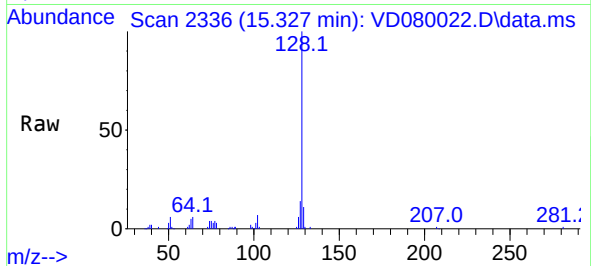




#95  
Naphthalene  
Concen: 17.821 ug/l  
RT: 15.327 min Scan# 2336  
Delta R.T. -0.001 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

Instrument :  
MSVOA\_D  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 90760 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 14.3  | 11.8  | 17.8  |
| 129      | 10.8  | 8.3   | 12.5  |



#96  
1,2,3-Trichlorobenzene  
Concen: 18.437 ug/l  
RT: 15.521 min Scan# 2369  
Delta R.T. 0.005 min  
Lab File: VD080022.D  
Acq: 15 Nov 2024 10:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 48547 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 93.9  | 47.5  | 142.6 |
| 145      | 30.0  | 15.7  | 47.0  |

