

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080922\  
 Data File : VD073994.D  
 Acq On : 09 Aug 2022 13:47  
 Operator : VA/SY  
 Sample : VSTDICC005  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Aug 10 00:23:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D080922S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 10 00:16:54 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.973  | 168   | 153099   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.855  | 114   | 258578   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.632 | 117   | 236370   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.561 | 152   | 109765   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326  | 65    | 8110     | 5.950    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 11.900%# |
| 35) Dibromofluoromethane     | 7.908  | 113   | 8973     | 5.654    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 11.300%# |
| 50) Toluene-d8               | 10.332 | 98    | 25963    | 5.571    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 11.140%# |
| 62) 4-Bromofluorobenzene     | 12.620 | 95    | 10585    | 5.250    | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 10.500%# |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.991  | 85    | 9908     | 7.020    | ug/l   | 98       |
| 3) Chloromethane             | 2.208  | 50    | 12562    | 6.520    | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.338  | 62    | 16312    | 6.308    | ug/l   | 98       |
| 5) Bromomethane              | 2.761  | 94    | 11916    | 7.394    | ug/l   | 90       |
| 6) Chloroethane              | 2.908  | 64    | 10932    | 5.950    | ug/l   | 90       |
| 7) Trichlorofluoromethane    | 3.256  | 101   | 16827    | 5.237    | ug/l   | 91       |
| 8) Diethyl Ether             | 3.714  | 74    | 3495     | 5.409    | ug/l   | 98       |
| 9) 1,1,2-Trichlorotrifluo... | 4.079  | 101   | 9263     | 5.899    | ug/l   | 95       |
| 10) Methyl Iodide            | 4.291  | 142   | 8135     | 5.938    | ug/l # | 93       |
| 11) Tert butyl alcohol       | 5.208  | 59    | 4138     | 26.640   | ug/l # | 74       |
| 12) 1,1-Dichloroethene       | 4.055  | 96    | 7937     | 6.105    | ug/l   | 85       |
| 13) Acrolein                 | 3.920  | 56    | 572      | 6.403    | ug/l # | 16       |
| 14) Allyl chloride           | 4.702  | 41    | 10768    | 6.094    | ug/l   | 94       |
| 15) Acrylonitrile            | 5.420  | 53    | 7761     | 25.790   | ug/l   | 98       |
| 16) Acetone                  | 4.161  | 43    | 9102     | 31.723   | ug/l   | 95       |
| 17) Carbon Disulfide         | 4.397  | 76    | 23465    | 6.928    | ug/l # | 93       |
| 18) Methyl Acetate           | 4.726  | 43    | 6143     | 7.656    | ug/l   | 96       |
| 19) Methyl tert-butyl Ether  | 5.473  | 73    | 17143    | 5.056    | ug/l # | 88       |
| 20) Methylene Chloride       | 4.955  | 84    | 19607    | 8.545    | ug/l # | 82       |
| 21) trans-1,2-Dichloroethene | 5.461  | 96    | 9108     | 5.972    | ug/l # | 84       |
| 22) Diisopropyl ether        | 6.355  | 45    | 19918    | 4.996    | ug/l   | 94       |
| 23) Vinyl Acetate            | 6.302  | 43    | 37959    | 3.685    | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.255  | 63    | 15117    | 5.527    | ug/l   | 93       |
| 25) 2-Butanone               | 7.208  | 43    | 13101    | 30.192   | ug/l   | 90       |
| 26) 2,2-Dichloropropane      | 7.196  | 77    | 17488    | 6.210    | ug/l   | 92       |
| 27) cis-1,2-Dichloroethene   | 7.202  | 96    | 10062    | 5.605    | ug/l   | 88       |
| 28) Bromochloromethane       | 7.538  | 49    | 5414     | 6.221    | ug/l # | 96       |
| 29) Tetrahydrofuran          | 7.555  | 42    | 5620     | 23.512   | ug/l   | 92       |
| 30) Chloroform               | 7.696  | 83    | 17270    | 5.442    | ug/l   | 95       |
| 31) Cyclohexane              | 7.973  | 56    | 14975    | 6.802    | ug/l # | 78       |
| 32) 1,1,1-Trichloroethane    | 7.891  | 97    | 17264    | 5.760    | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 8.102  | 75    | 12574    | 5.676    | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.285  | 43    | 5701     | 5.772    | ug/l # | 88       |
| 38) Carbon Tetrachloride     | 8.085  | 117   | 14037    | 5.402    | ug/l   | 84       |
| 39) Methylcyclohexane        | 9.349  | 83    | 12706    | 5.413    | ug/l   | 98       |
| 40) Benzene                  | 8.338  | 78    | 34070    | 5.447    | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080922\  
 Data File : VD073994.D  
 Acq On : 09 Aug 2022 13:47  
 Operator : VA/SY  
 Sample : VSTDIC005  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Aug 10 00:23:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D080922S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 10 00:16:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.520  | 41   | 2475     | 5.004  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 10630    | 5.264  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.449  | 43   | 9482     | 5.126  | ug/l   | 98       |
| 44) Trichloroethene           | 9.108  | 130  | 10260    | 5.600  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.373  | 63   | 7694     | 5.007  | ug/l # | 85       |
| 46) Dibromomethane            | 9.467  | 93   | 5111     | 5.011  | ug/l   | 92       |
| 47) Bromodichloromethane      | 9.655  | 83   | 13514    | 5.284  | ug/l # | 89       |
| 48) Methyl methacrylate       | 9.449  | 41   | 4527     | 5.485  | ug/l # | 83       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 1123     | 96.868 | ug/l # | 61       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 23318    | 24.441 | ug/l   | 93       |
| 52) Toluene                   | 10.396 | 92   | 21318    | 5.175  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.608 | 75   | 11055    | 4.939  | ug/l   | 91       |
| 54) cis-1,3-Dichloropropene   | 10.079 | 75   | 12994    | 5.115  | ug/l # | 91       |
| 55) 1,1,2-Trichloroethane     | 10.790 | 97   | 6872     | 5.122  | ug/l   | 91       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 6431     | 4.397  | ug/l # | 87       |
| 57) 1,3-Dichloropropane       | 10.937 | 76   | 10826    | 5.079  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 9.932  | 63   | 11315    | 22.089 | ug/l   | 93       |
| 59) 2-Hexanone                | 10.973 | 43   | 15025    | 23.274 | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.126 | 129  | 8670     | 4.843  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.237 | 107  | 6558     | 4.994  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.867 | 164  | 8863     | 5.912  | ug/l   | 86       |
| 65) Chlorobenzene             | 11.661 | 112  | 24630    | 5.419  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.732 | 131  | 9529     | 5.347  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.732 | 91   | 40235    | 5.135  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.843 | 106  | 30669    | 9.742  | ug/l   | 98       |
| 69) o-Xylene                  | 12.167 | 106  | 14290    | 4.931  | ug/l   | 97       |
| 70) Styrene                   | 12.184 | 104  | 24156    | 4.761  | ug/l   | 98       |
| 71) Bromoform                 | 12.343 | 173  | 5004     | 4.700  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.467 | 105  | 37433    | 5.276  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.273 | 43   | 7394     | 4.817  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.714 | 83   | 7820     | 5.626  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.767 | 75   | 9254     | 6.494  | ug/l # | 100      |
| 77) Bromobenzene              | 12.749 | 156  | 9527     | 5.459  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.808 | 91   | 45579    | 5.230  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.890 | 91   | 26100    | 5.255  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 29789    | 4.914  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.508 | 75   | 1902     | 4.891  | ug/l # | 82       |
| 82) 4-Chlorotoluene           | 12.990 | 91   | 28087    | 5.324  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.208 | 119  | 26157    | 4.989  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 30235    | 4.957  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.384 | 105  | 40251    | 5.043  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 33220    | 4.933  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.496 | 146  | 20579    | 5.635  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 13.578 | 146  | 21553    | 5.833  | ug/l   | 93       |
| 89) n-Butylbenzene            | 13.826 | 91   | 33241    | 5.254  | ug/l   | 95       |
| 90) Hexachloroethane          | 14.096 | 117  | 7079     | 5.199  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 16872    | 5.332  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.496 | 75   | 1318     | 5.345  | ug/l   | 87       |
| 93) 1,2,4-Trichlorobenzene    | 15.137 | 180  | 10483    | 5.485  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.243 | 225  | 6133     | 5.714  | ug/l   | 94       |
| 95) Naphthalene               | 15.373 | 128  | 18338    | 5.093  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.567 | 180  | 9456     | 5.483  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080922\  
Data File : VD073994.D  
Acq On : 09 Aug 2022 13:47  
Operator : VA/SY  
Sample : VSTDICC005  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 10 Sample Multiplier: 1

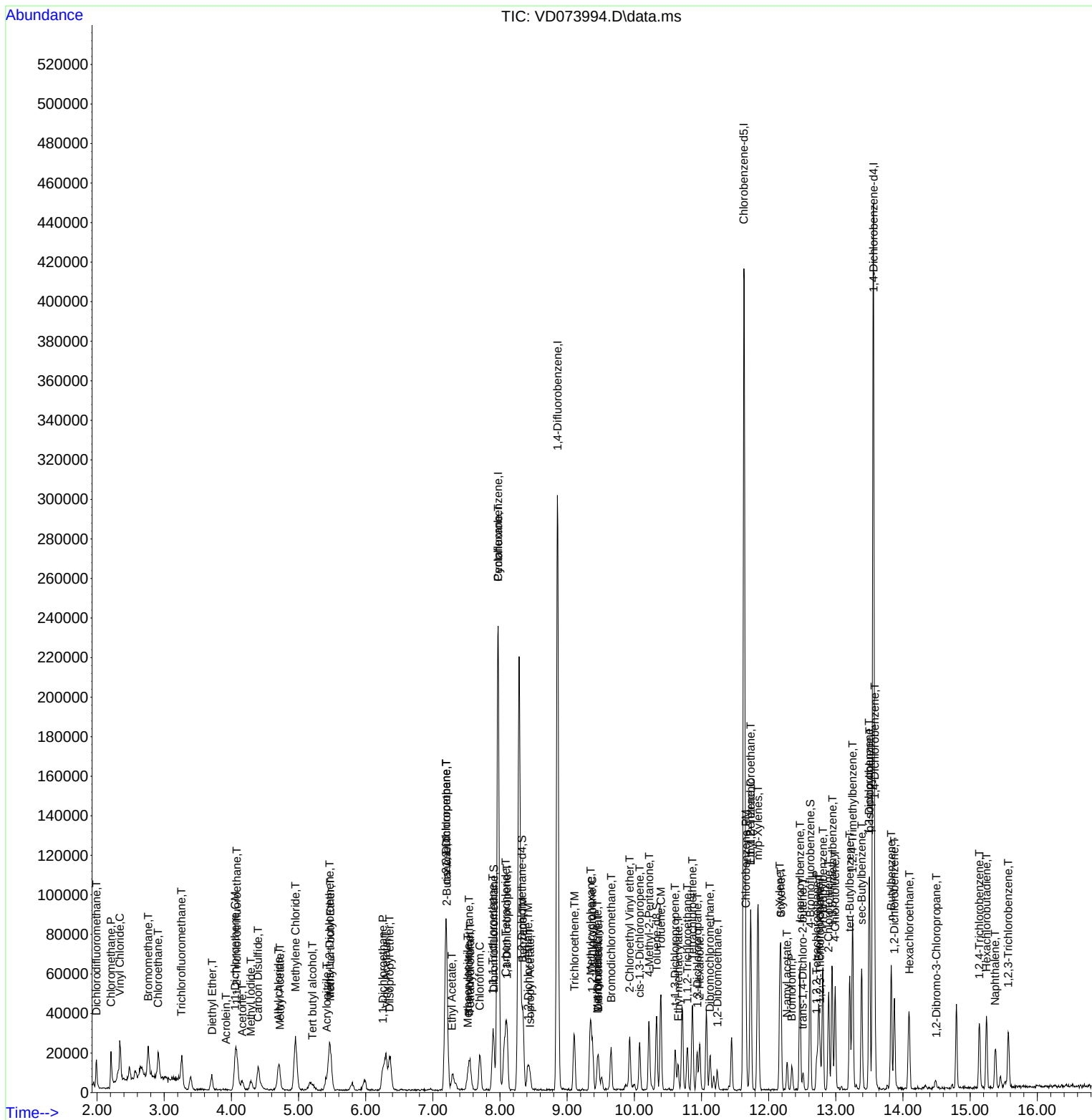
Instrument :  
MSVOA\_D  
ClientSampleId :

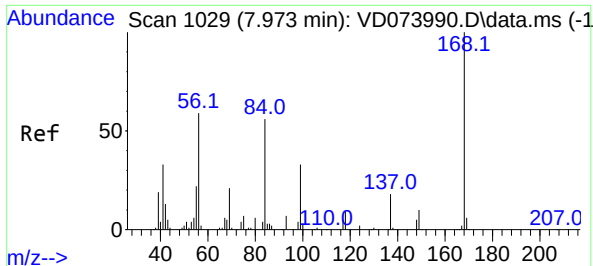
Quant Time: Aug 10 00:23:01 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D080922S.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 10 00:16:54 2022  
Response via : Initial Calibration

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

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

Quant Time: Aug 10 00:23:01 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D080922S.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 10 00:16:54 2022  
Response via : Initial Calibration

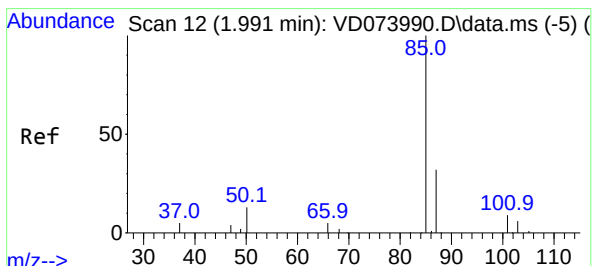
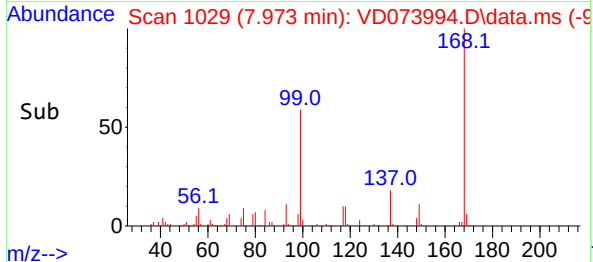
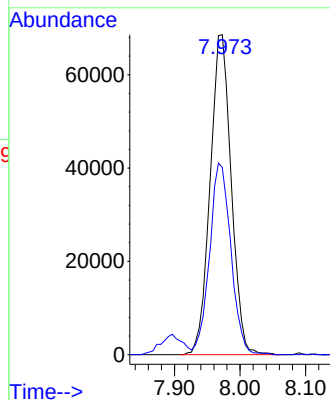
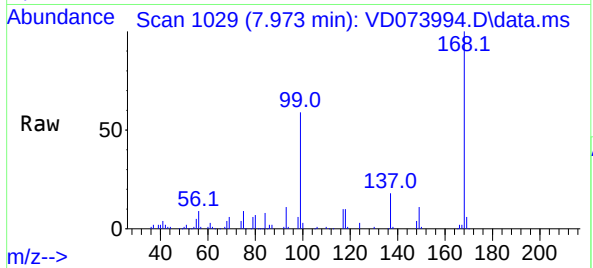




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

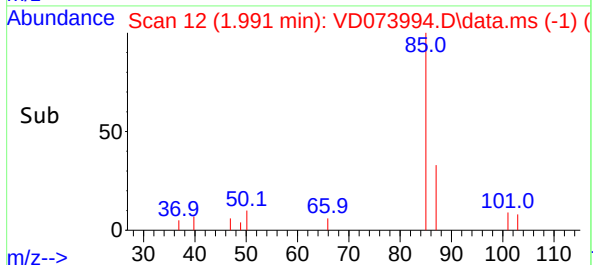
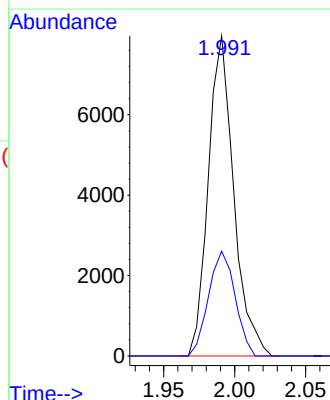
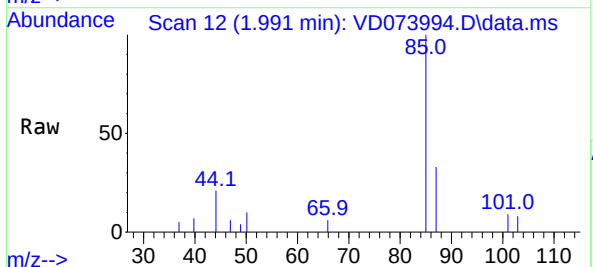
Instrument :  
MSVOA\_D  
ClientSampleId :

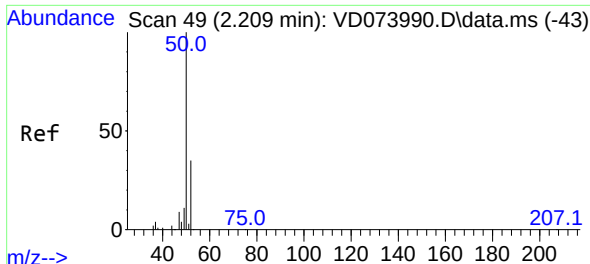
Tgt Ion:168 Resp: 153099  
Ion Ratio Lower Upper  
168 100  
99 58.5 48.3 72.5



#2  
Dichlorodifluoromethane  
Concen: 7.020 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 85 Resp: 9908  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.0 47.9

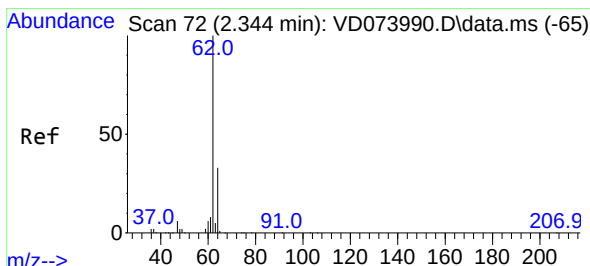
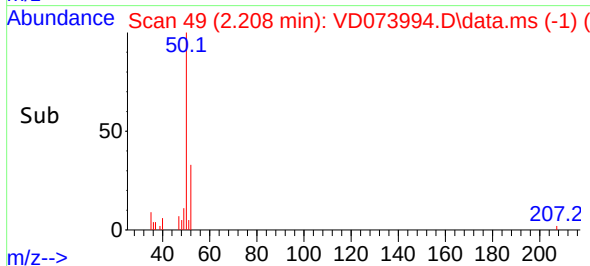
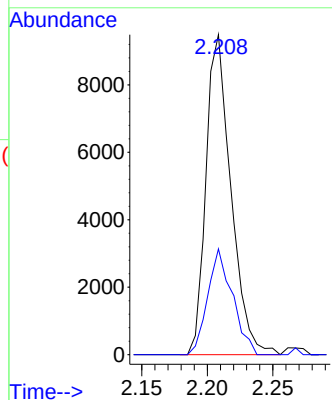
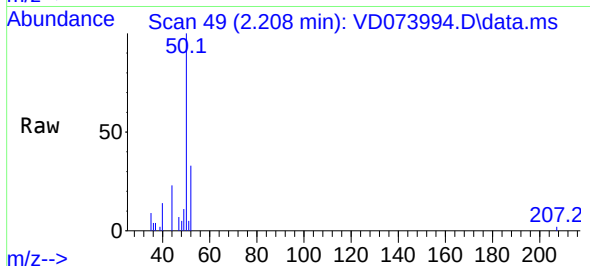




#3  
Chloromethane  
Concen: 6.520 ug/l  
RT: 2.208 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

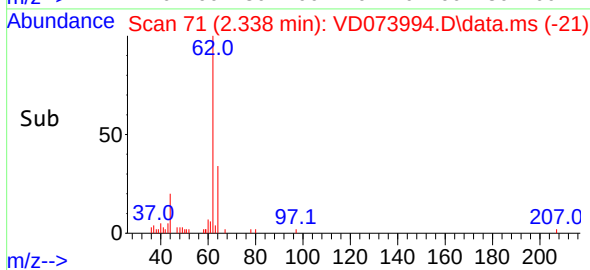
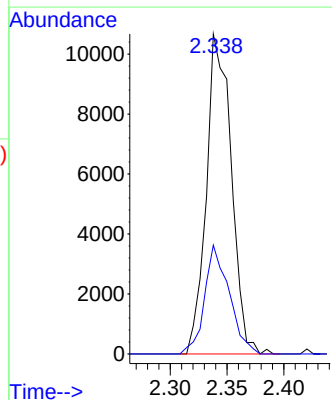
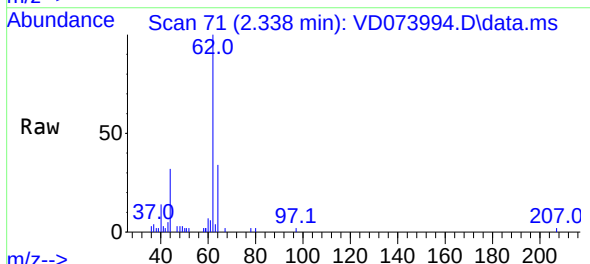
Instrument :  
MSVOA\_D  
ClientSampleId :

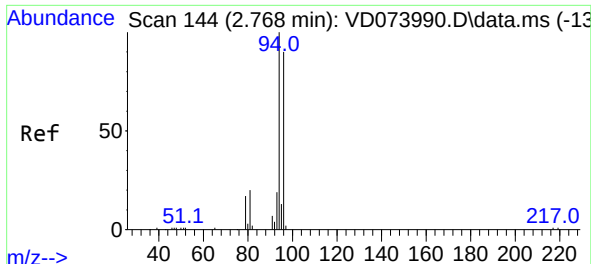
Tgt Ion: 50 Resp: 12562  
Ion Ratio Lower Upper  
50 100  
52 33.1 28.1 42.1



#4  
Vinyl Chloride  
Concen: 6.308 ug/l  
RT: 2.338 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 62 Resp: 16312  
Ion Ratio Lower Upper  
62 100  
64 34.0 26.2 39.4

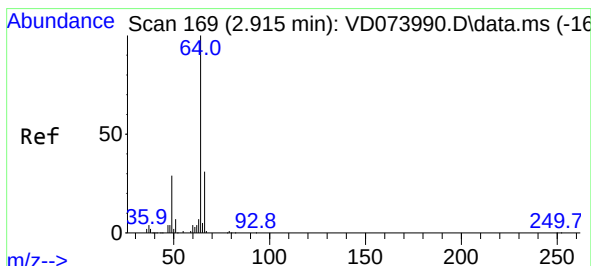
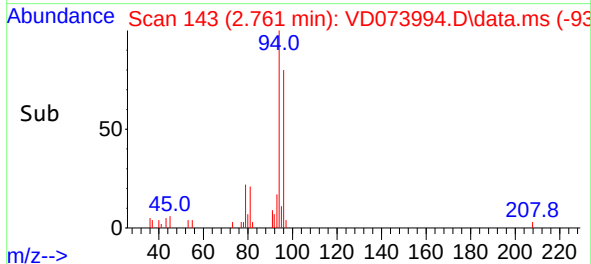
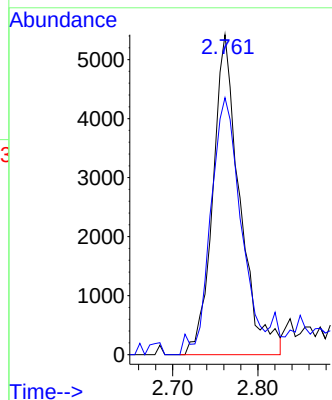
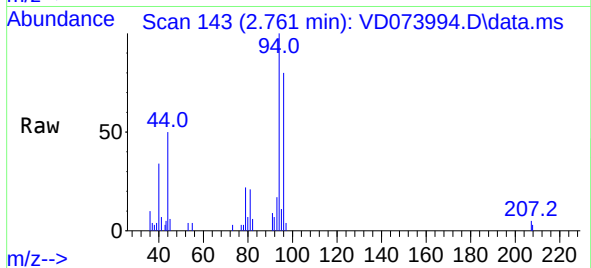




#5  
Bromomethane  
Concen: 7.394 ug/l  
RT: 2.761 min Scan# 144  
Delta R.T. -0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

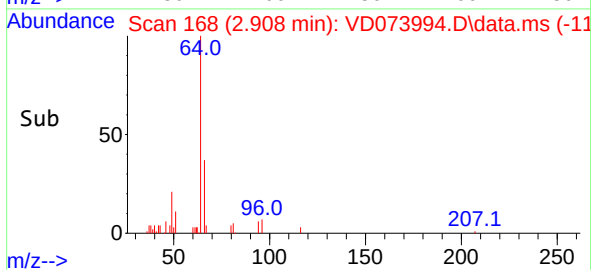
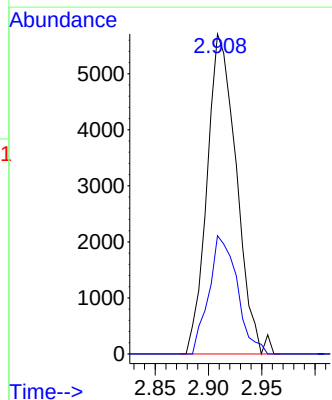
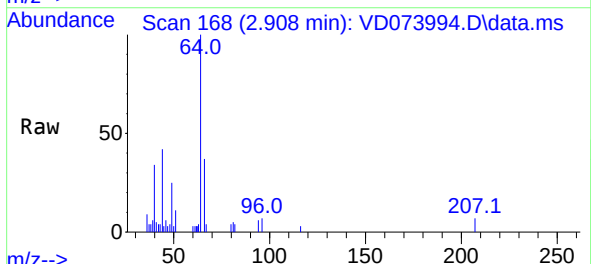
Instrument :  
MSVOA\_D  
ClientSampleId :

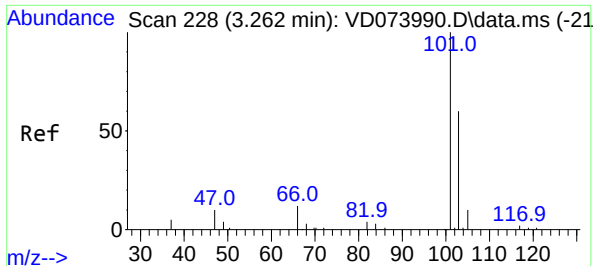
Tgt Ion: 94 Resp: 11916  
Ion Ratio Lower Upper  
94 100  
96 80.3 72.0 108.0



#6  
Chloroethane  
Concen: 5.950 ug/l  
RT: 2.908 min Scan# 168  
Delta R.T. -0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 64 Resp: 10932  
Ion Ratio Lower Upper  
64 100  
66 36.9 25.0 37.6

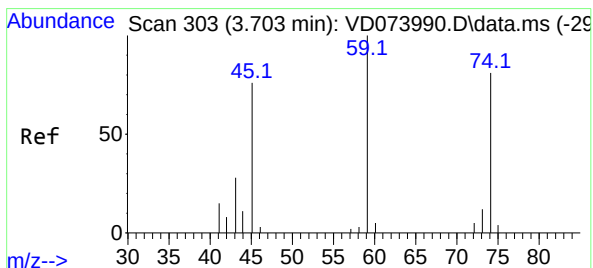
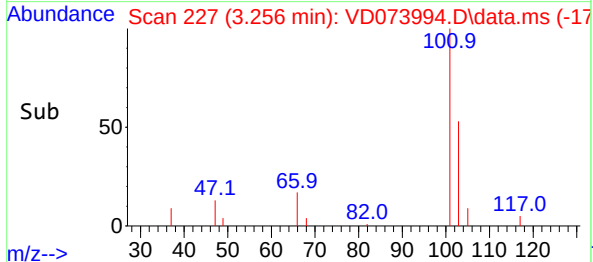
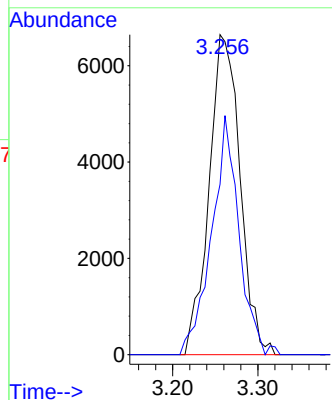
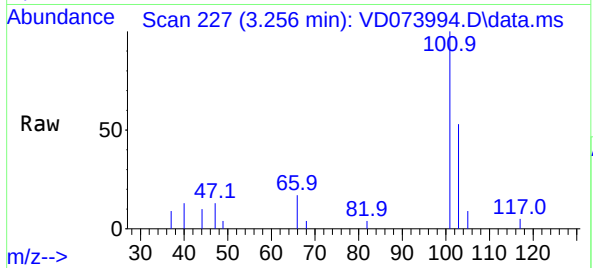




#7  
Trichlorofluoromethane  
Concen: 5.237 ug/l  
RT: 3.256 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

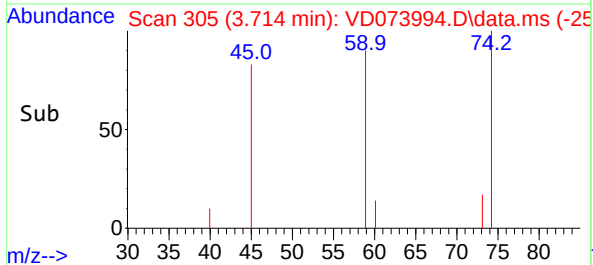
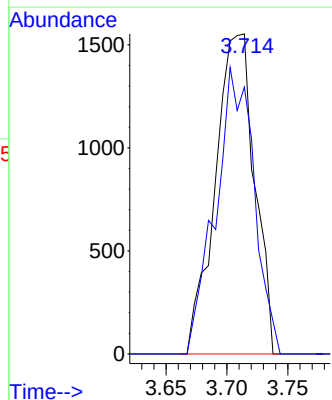
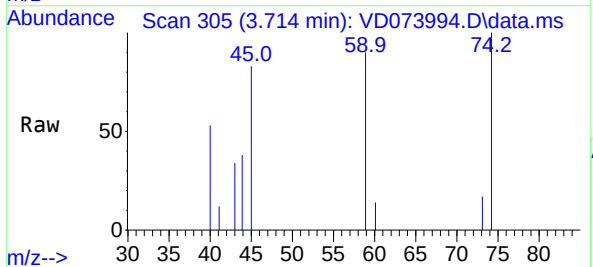
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:101 Resp: 16827  
Ion Ratio Lower Upper  
101 100  
103 53.3 48.2 72.2

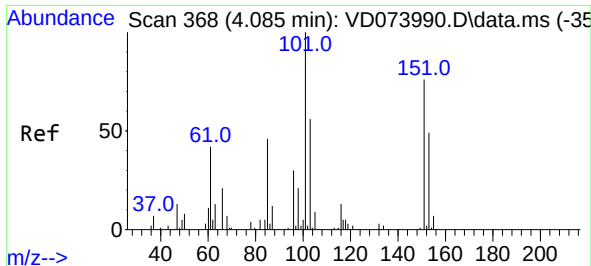


#8  
Diethyl Ether  
Concen: 5.409 ug/l  
RT: 3.714 min Scan# 305  
Delta R.T. 0.011 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 74 Resp: 3495  
Ion Ratio Lower Upper  
74 100  
45 87.5 44.9 134.5



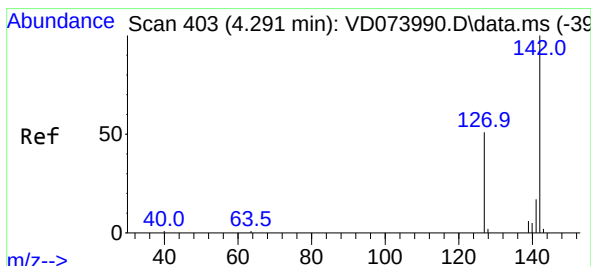
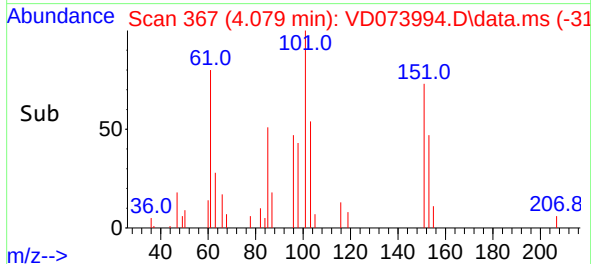
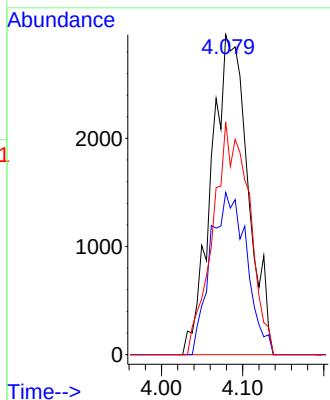
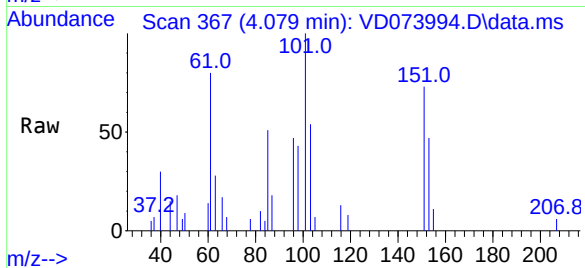




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.899 ug/l  
RT: 4.079 min Scan# 307  
Delta R.T. -0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

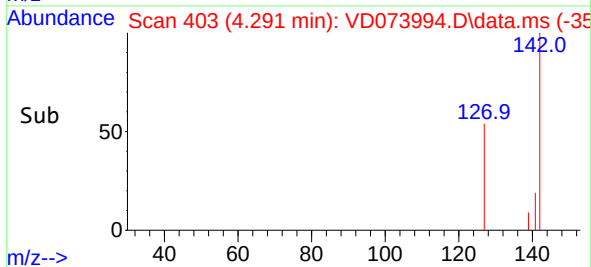
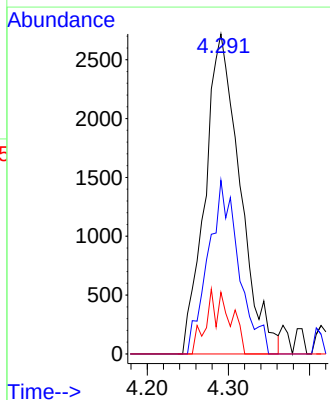
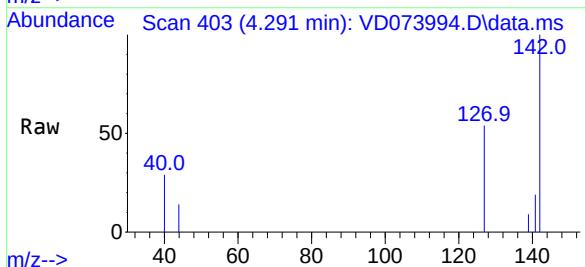
Instrument :  
MSVOA\_D  
ClientSampleId :

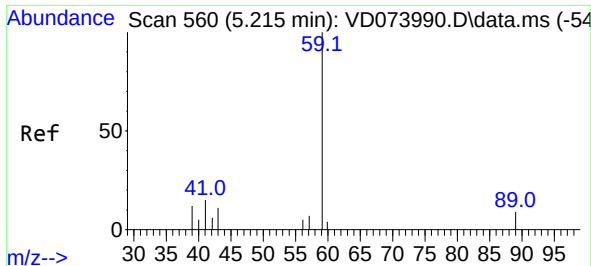
Tgt Ion:101 Resp: 9263  
Ion Ratio Lower Upper  
101 100  
85 50.2 37.1 55.7  
151 71.9 60.7 91.1



#10  
Methyl Iodide  
Concen: 5.938 ug/l  
RT: 4.291 min Scan# 403  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion:142 Resp: 8135  
Ion Ratio Lower Upper  
142 100  
127 47.7 39.7 59.5  
141 6.0 12.3 18.5#





#11

Tert butyl alcohol

Concen: 26.640 ug/l

RT: 5.208 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD073994.D

Acq: 09 Aug 2022 13:47

Instrument :

MSVOA\_D

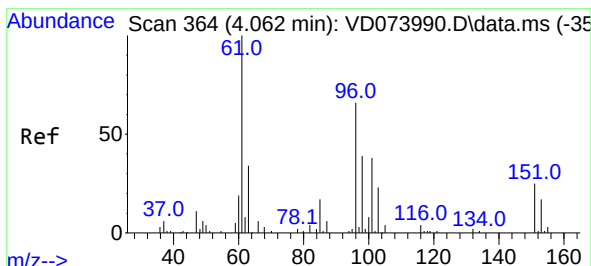
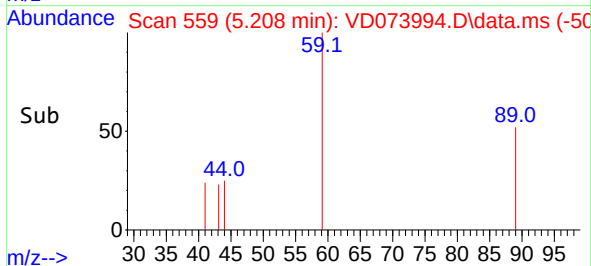
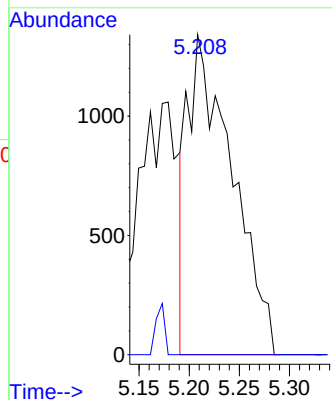
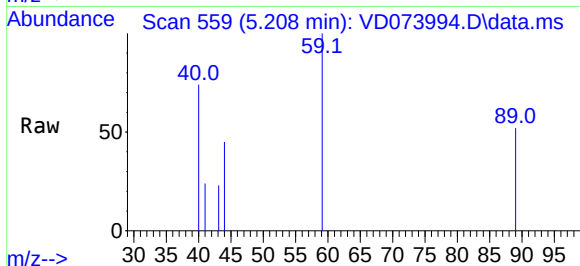
ClientSampleId :

Tgt Ion: 59 Resp: 4138

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 6.105 ug/l

RT: 4.055 min Scan# 363

Delta R.T. -0.006 min

Lab File: VD073994.D

Acq: 09 Aug 2022 13:47

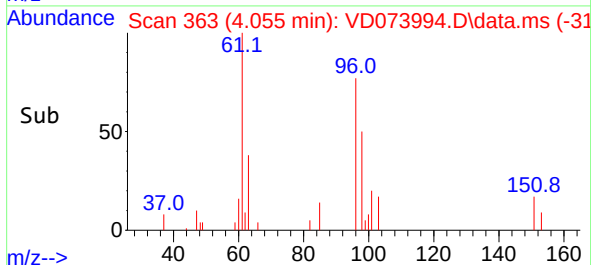
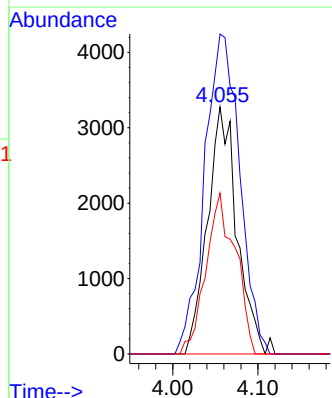
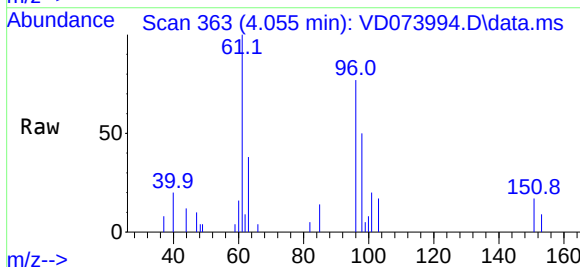
Tgt Ion: 96 Resp: 7937

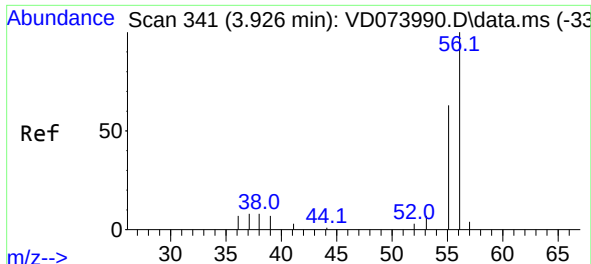
Ion Ratio Lower Upper

96 100

61 129.5 121.8 182.6

98 65.1 47.1 70.7

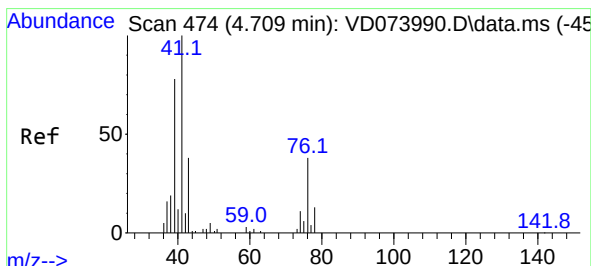
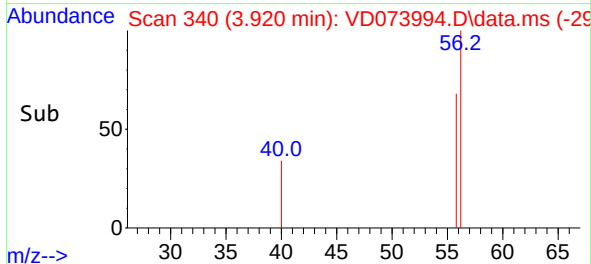
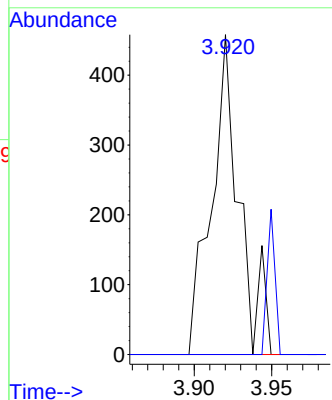
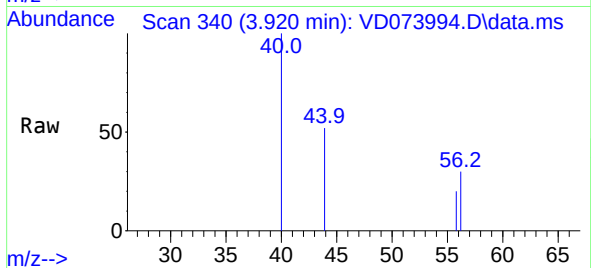




#13  
Acrolein  
Concen: 6.403 ug/l  
RT: 3.920 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

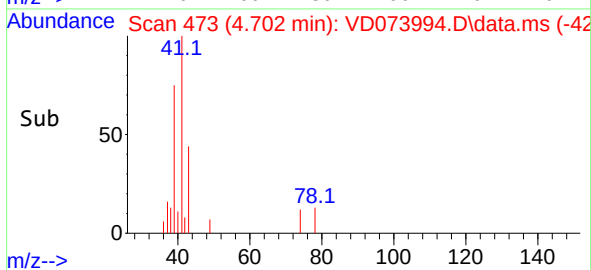
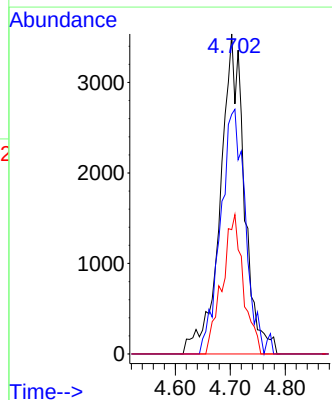
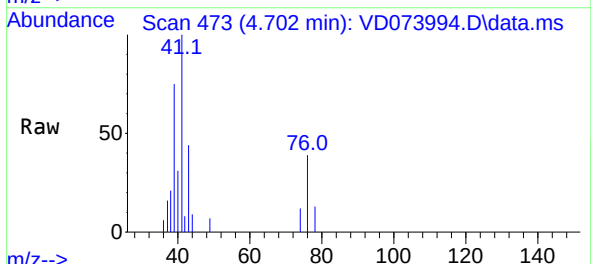
Instrument :  
MSVOA\_D  
ClientSampleId :

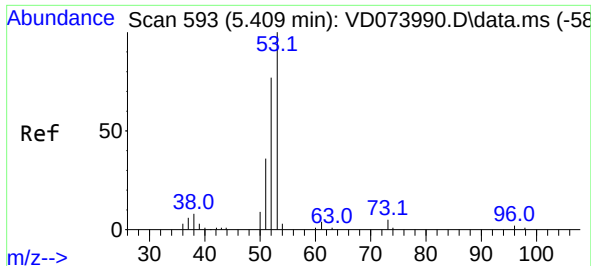
Tgt Ion: 56 Resp: 572  
Ion Ratio Lower Upper  
56 100  
55 0.0 54.5 81.7#



#14  
Allyl chloride  
Concen: 6.094 ug/l  
RT: 4.702 min Scan# 473  
Delta R.T. -0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

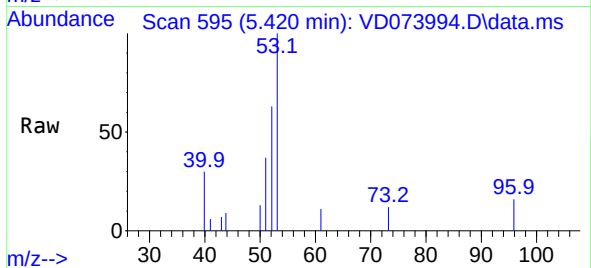
Tgt Ion: 41 Resp: 10768  
Ion Ratio Lower Upper  
41 100  
39 77.9 65.3 97.9  
76 38.0 34.8 52.2



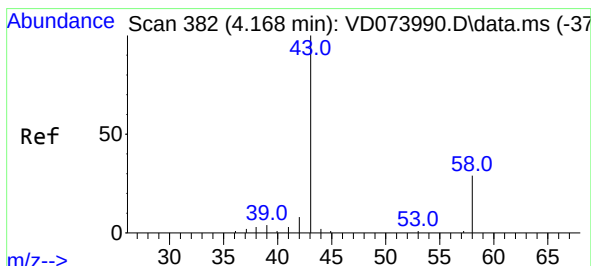
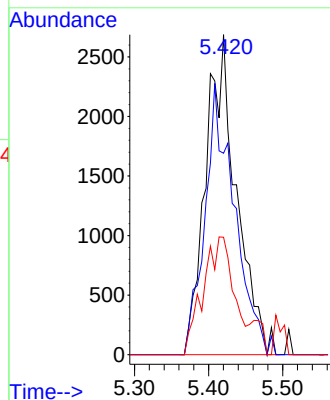
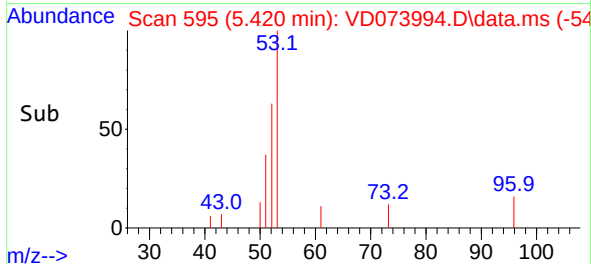


#15  
Acrylonitrile  
Concen: 25.790 ug/l  
RT: 5.420 min Scan# 594  
Delta R.T. 0.011 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Instrument :  
MSVOA\_D  
ClientSampleId :

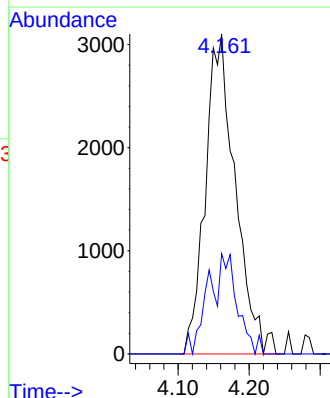
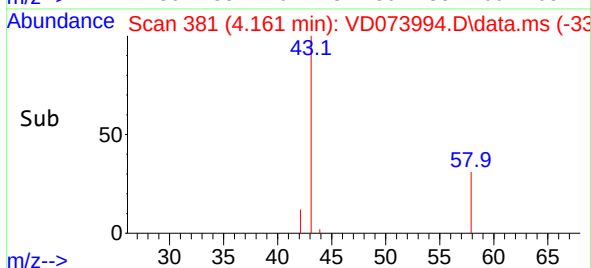
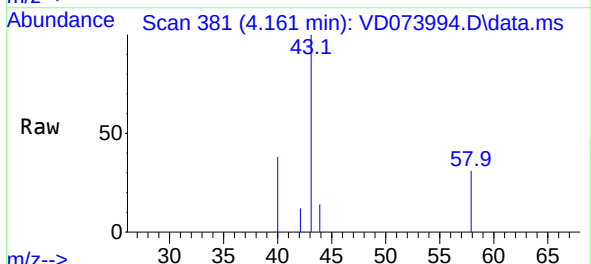


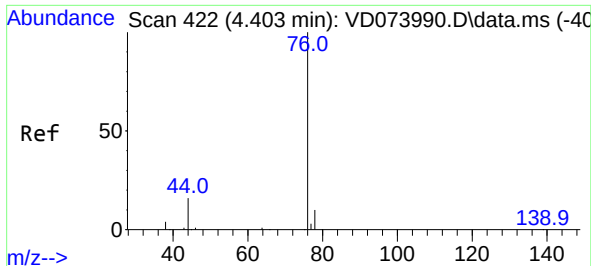
Tgt Ion: 53 Resp: 7761  
Ion Ratio Lower Upper  
53 100  
52 81.1 63.8 95.8  
51 37.6 31.2 46.8



#16  
Acetone  
Concen: 31.723 ug/l  
RT: 4.161 min Scan# 381  
Delta R.T. -0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 43 Resp: 9102  
Ion Ratio Lower Upper  
43 100  
58 31.4 22.8 34.2

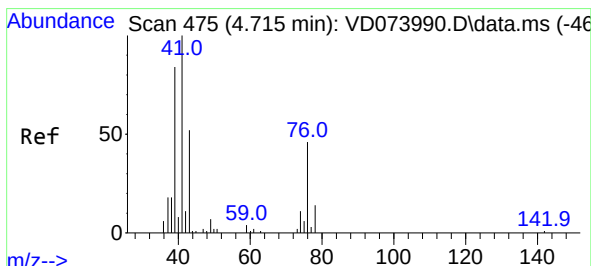
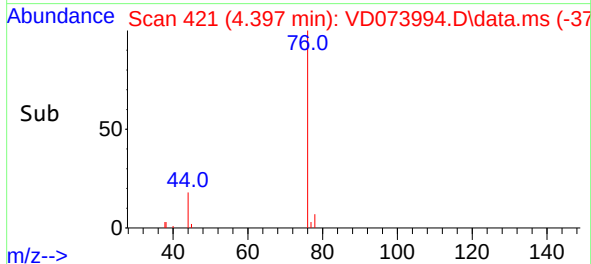
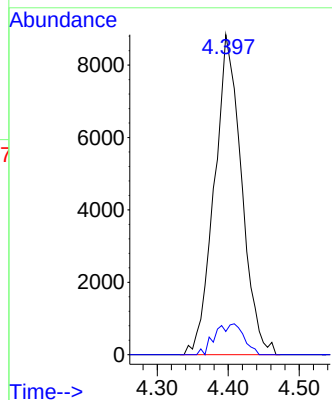
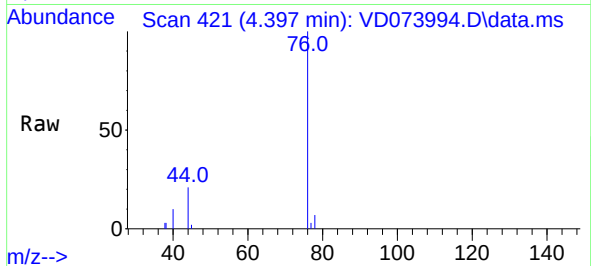




#17  
Carbon Disulfide  
Concen: 6.928 ug/l  
RT: 4.397 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

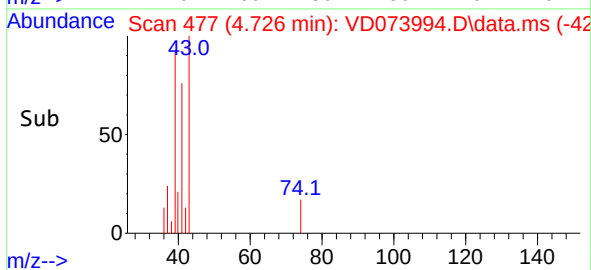
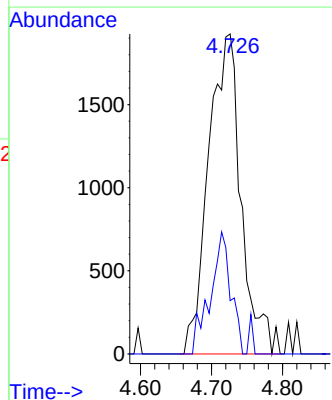
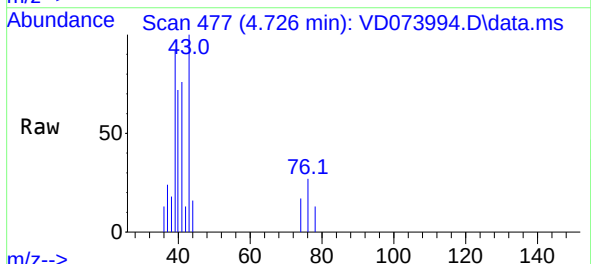
Instrument :  
MSVOA\_D  
ClientSampleId :

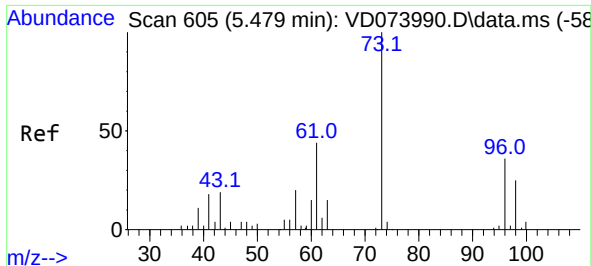
Tgt Ion: 76 Resp: 23465  
Ion Ratio Lower Upper  
76 100  
78 7.3 7.9 11.9#



#18  
Methyl Acetate  
Concen: 7.656 ug/l  
RT: 4.726 min Scan# 477  
Delta R.T. 0.011 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 43 Resp: 6143  
Ion Ratio Lower Upper  
43 100  
74 24.1 21.0 31.4

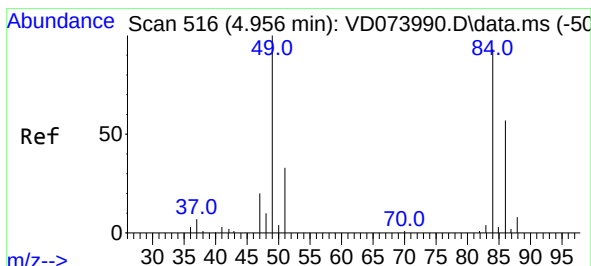
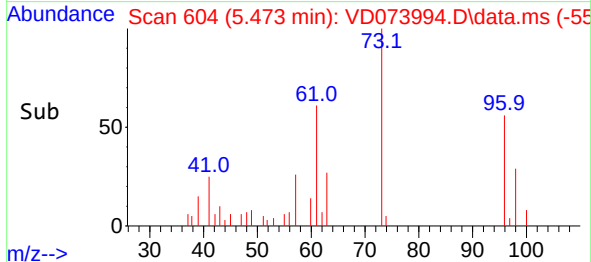
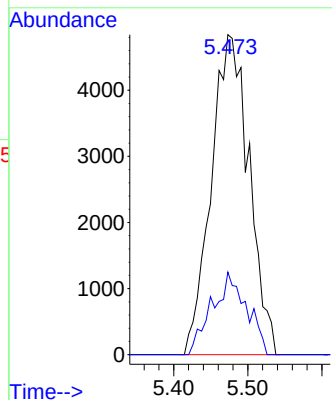
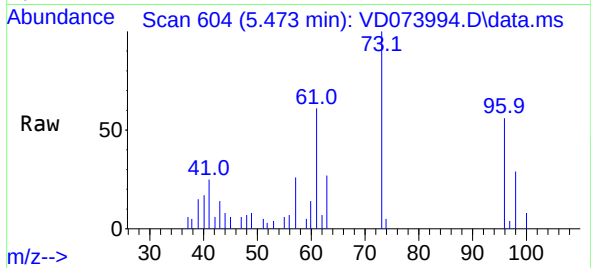




#19  
Methyl tert-butyl Ether  
Concen: 5.056 ug/l  
RT: 5.473 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

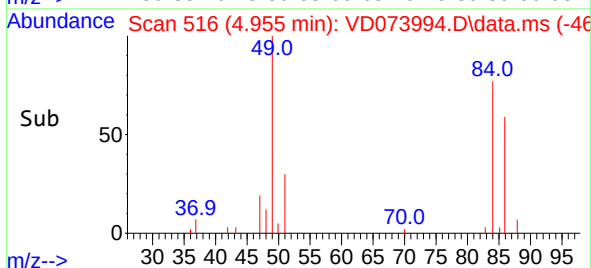
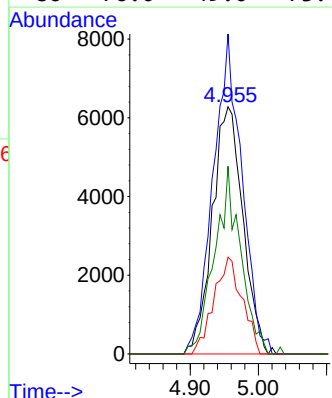
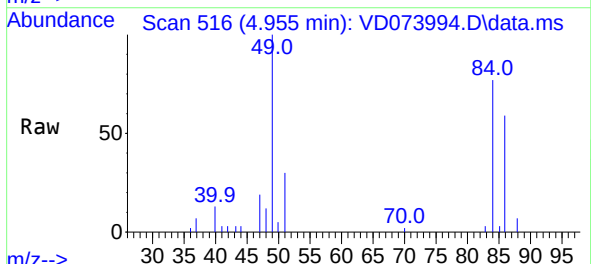
Instrument :  
MSVOA\_D  
ClientSampleId :

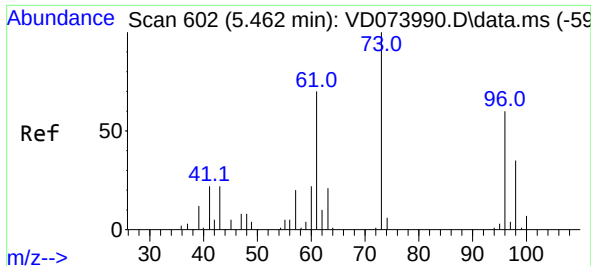
Tgt Ion: 73 Resp: 17143  
Ion Ratio Lower Upper  
73 100  
57 25.8 16.3 24.5#



#20  
Methylene Chloride  
Concen: 8.545 ug/l  
RT: 4.955 min Scan# 516  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

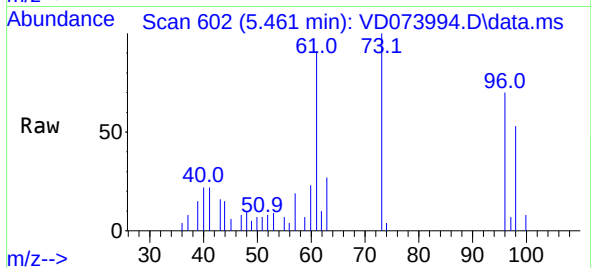
Tgt Ion: 84 Resp: 19607  
Ion Ratio Lower Upper  
84 100  
49 129.5 85.8 128.6#  
51 39.2 28.0 42.0  
86 76.0 49.0 73.4#



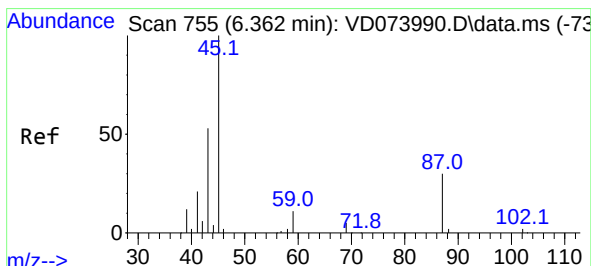
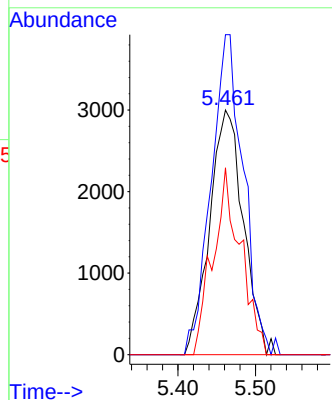
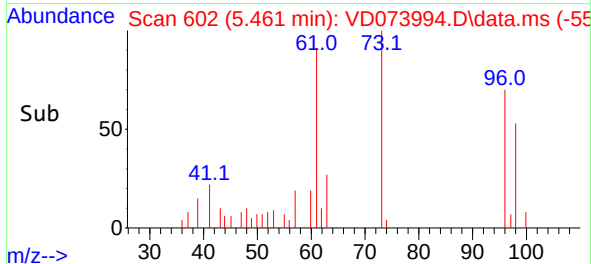


#21  
trans-1,2-Dichloroethene  
Concen: 5.972 ug/l  
RT: 5.461 min Scan# 602  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Instrument :  
MSVOA\_D  
ClientSampleId :

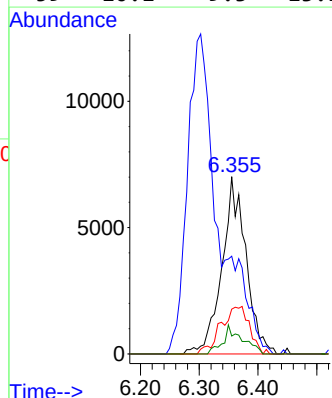
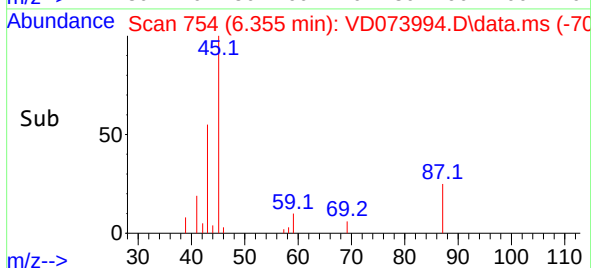
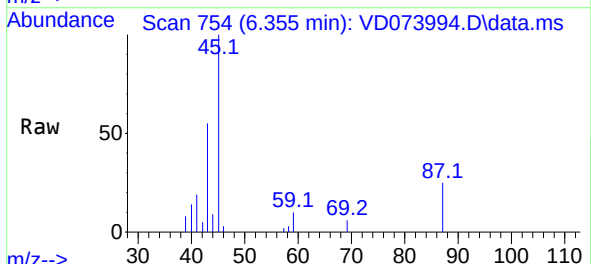


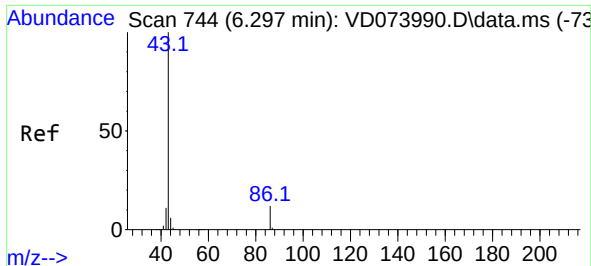
Tgt Ion: 96 Resp: 9108  
Ion Ratio Lower Upper  
96 100  
61 130.8 94.2 141.4  
98 76.4 47.2 70.8#



#22  
Diisopropyl ether  
Concen: 4.996 ug/l  
RT: 6.355 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 45 Resp: 19918  
Ion Ratio Lower Upper  
45 100  
43 55.2 46.2 69.4  
87 25.2 25.1 37.7  
59 10.1 9.3 13.9

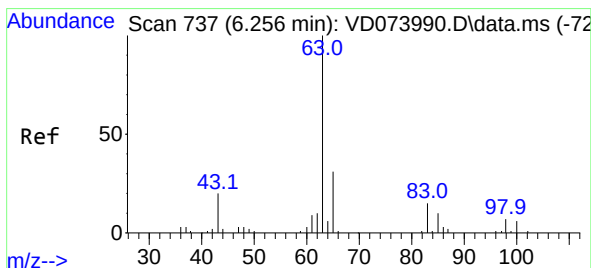
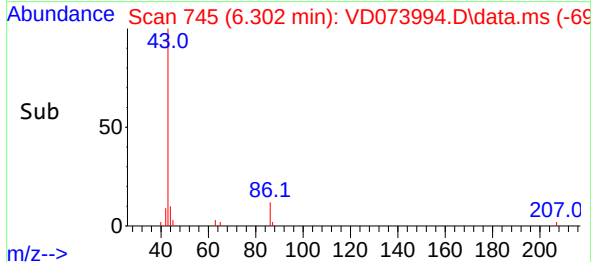
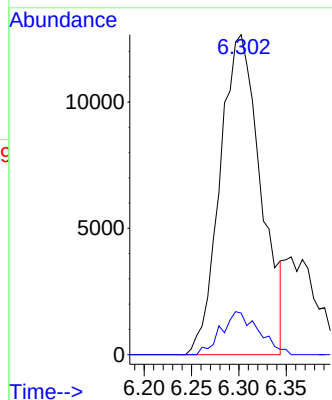
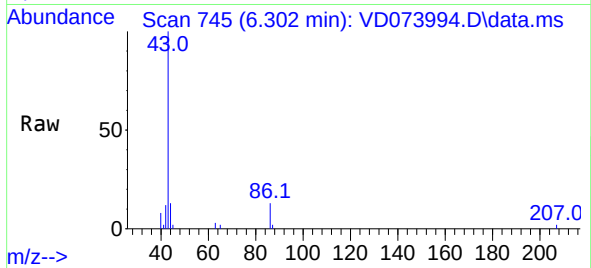




#23  
Vinyl Acetate  
Concen: 3.685 ug/l  
RT: 6.302 min Scan# 744  
Delta R.T. 0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

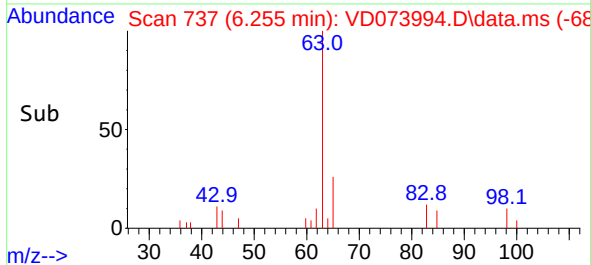
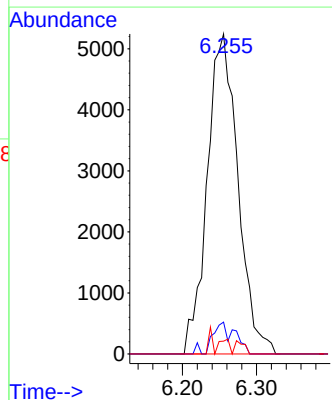
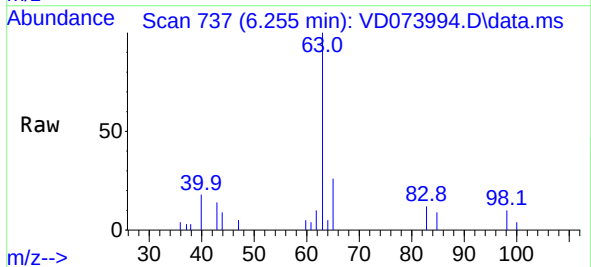
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion: 43 Resp: 37959  
Ion Ratio Lower Upper  
43 100  
86 13.0 9.7 14.5

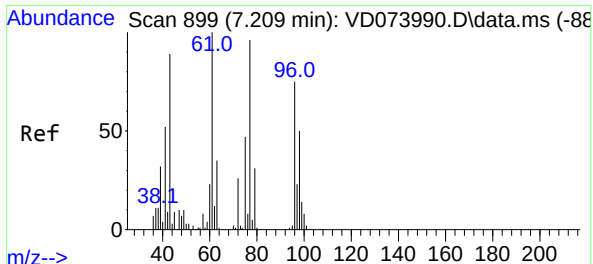


#24  
1,1-Dichloroethane  
Concen: 5.527 ug/l  
RT: 6.255 min Scan# 737  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 63 Resp: 15117  
Ion Ratio Lower Upper  
63 100  
98 9.9 3.5 10.6  
100 4.0 2.9 8.7







#25

2-Butanone

Concen: 30.192 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD073994.D

Acq: 09 Aug 2022 13:47

Instrument :

MSVOA\_D

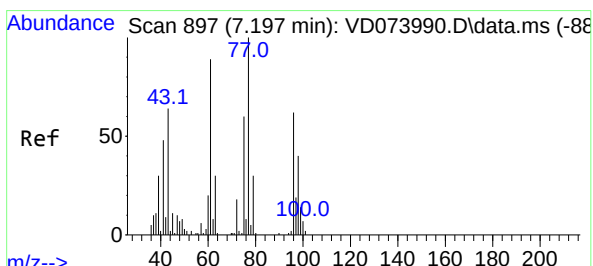
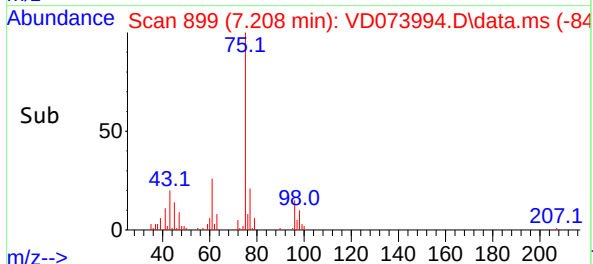
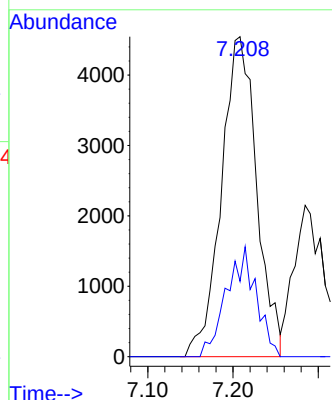
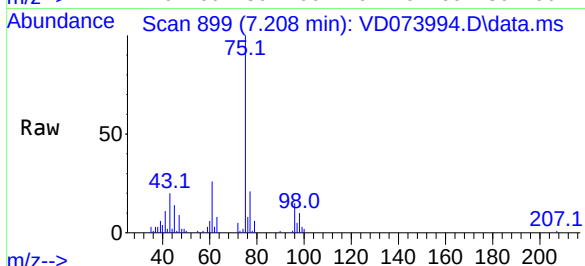
ClientSampleId :

Tgt Ion: 43 Resp: 13101

Ion Ratio Lower Upper

43 100

72 23.5 23.0 34.6



#26

2,2-Dichloropropane

Concen: 6.210 ug/l

RT: 7.196 min Scan# 897

Delta R.T. -0.000 min

Lab File: VD073994.D

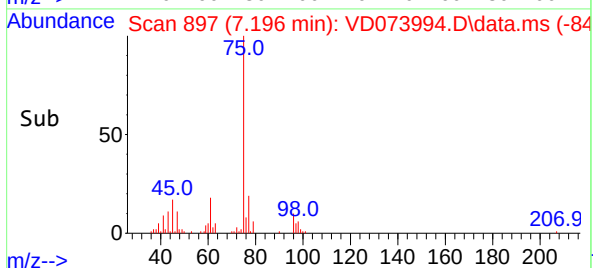
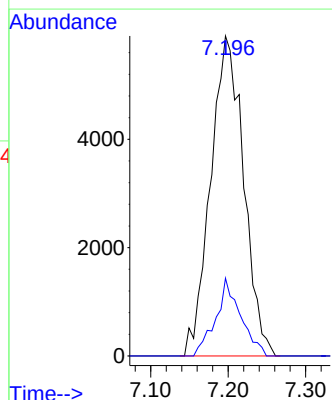
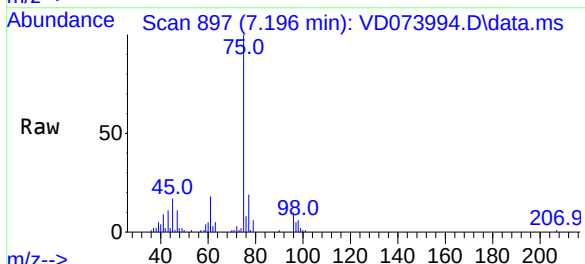
Acq: 09 Aug 2022 13:47

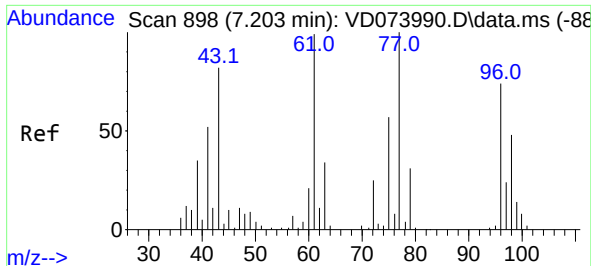
Tgt Ion: 77 Resp: 17488

Ion Ratio Lower Upper

77 100

97 18.3 11.2 33.5

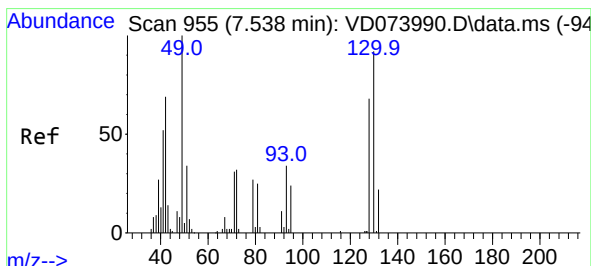
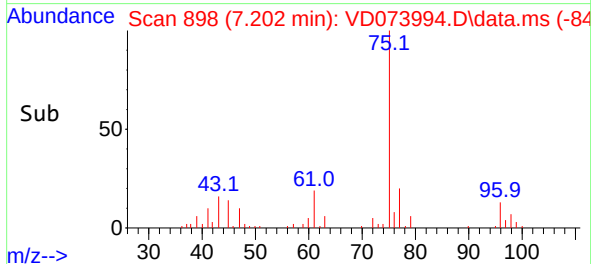
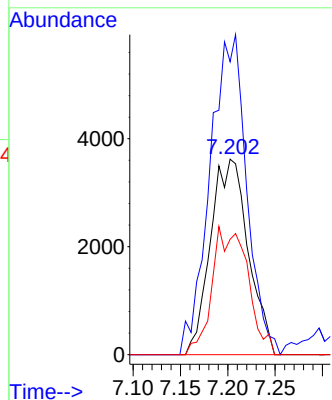
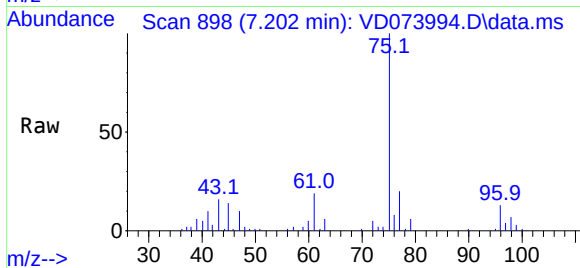




#27  
cis-1,2-Dichloroethene  
Concen: 5.605 ug/l  
RT: 7.202 min Scan# 898  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

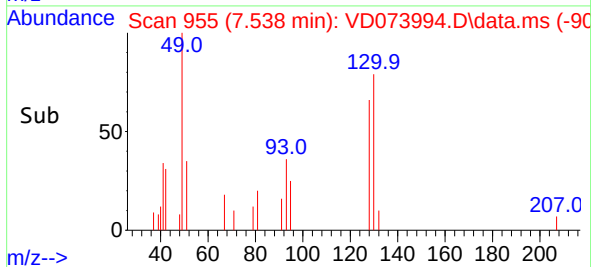
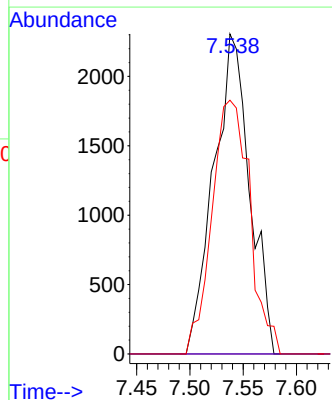
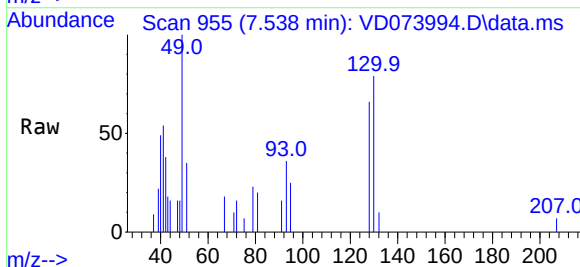
Instrument :  
MSVOA\_D  
ClientSampleId :

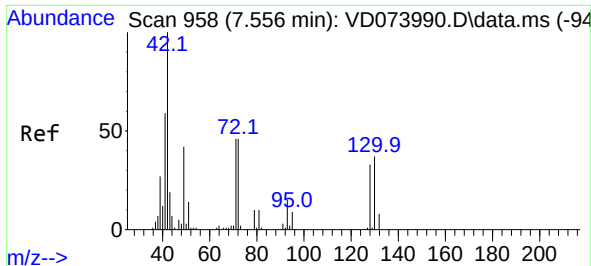
Tgt Ion: 96 Resp: 10062  
Ion Ratio Lower Upper  
96 100  
61 159.0 0.0 280.0  
98 61.4 0.0 129.4



#28  
Bromochloromethane  
Concen: 6.221 ug/l  
RT: 7.538 min Scan# 955  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 49 Resp: 5414  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 2.6  
130 83.6 69.6 104.4

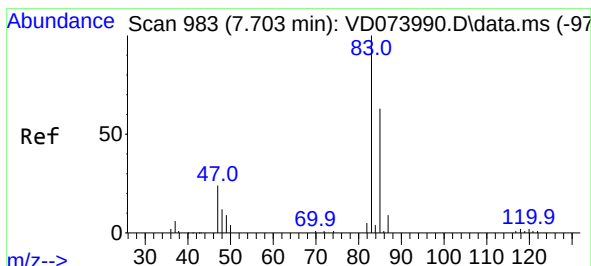
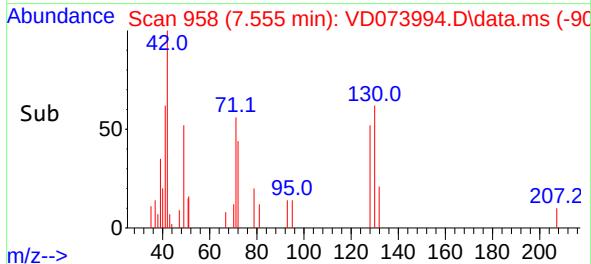
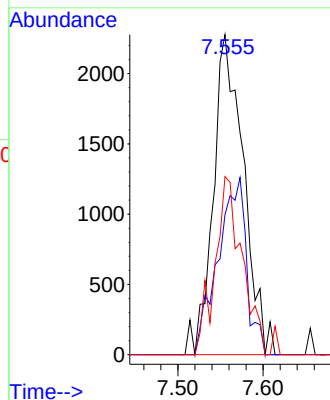
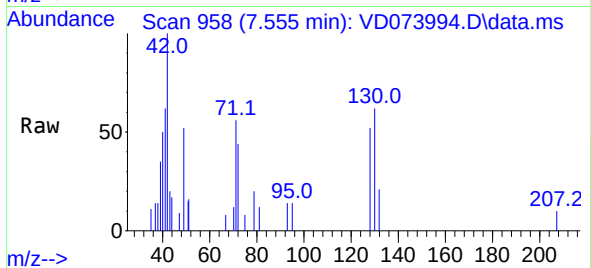




#29  
Tetrahydrofuran  
Concen: 23.512 ug/l  
RT: 7.555 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

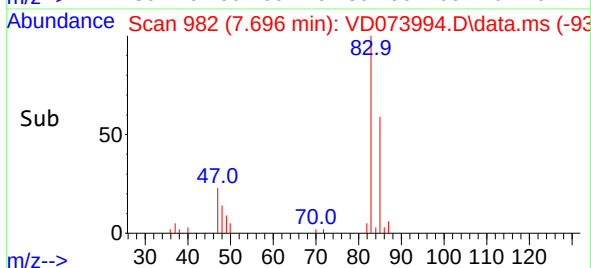
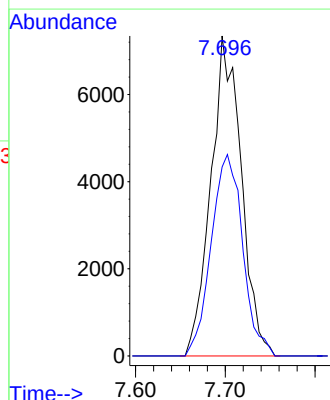
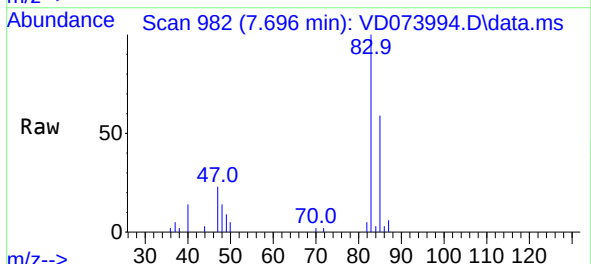
Instrument :  
MSVOA\_D  
ClientSampleId :

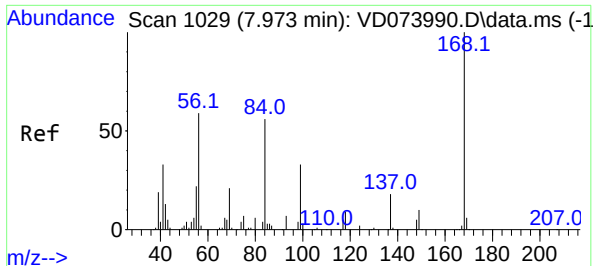
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 5620  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 52.1  | 37.4  | 56.2  |
| 71       | 49.9  | 35.5  | 53.3  |



#30  
Chloroform  
Concen: 5.442 ug/l  
RT: 7.696 min Scan# 982  
Delta R.T. -0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

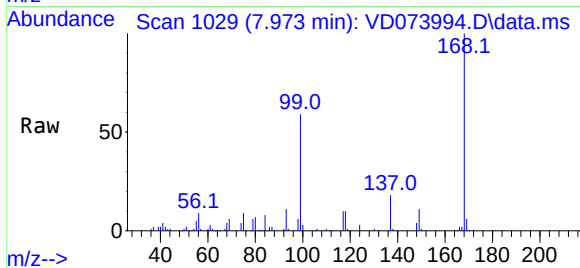
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 17270 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 59.0  | 50.3  | 75.5  |



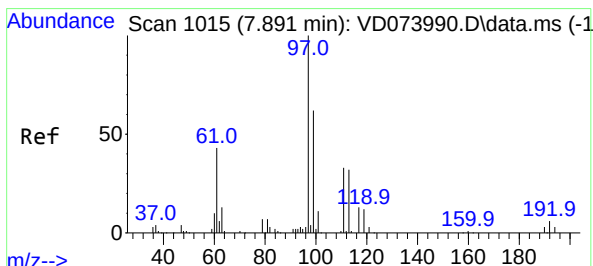
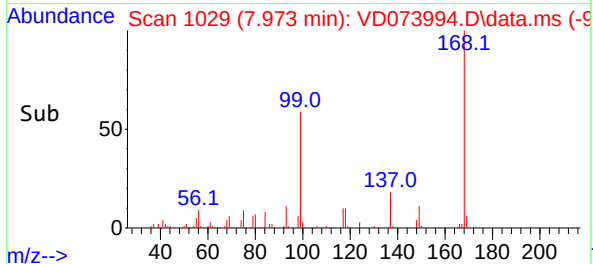
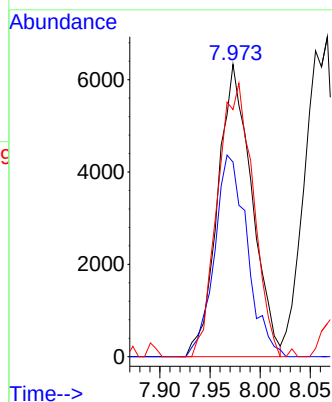


#31  
Cyclohexane  
Concen: 6.802 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Instrument :  
MSVOA\_D  
ClientSampleId :

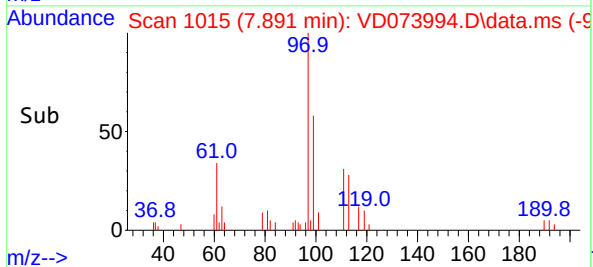
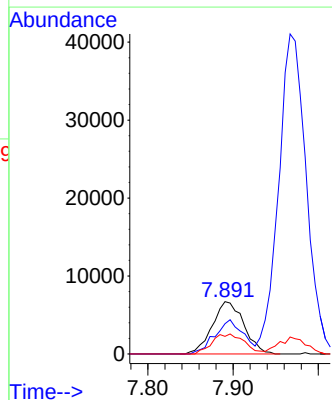
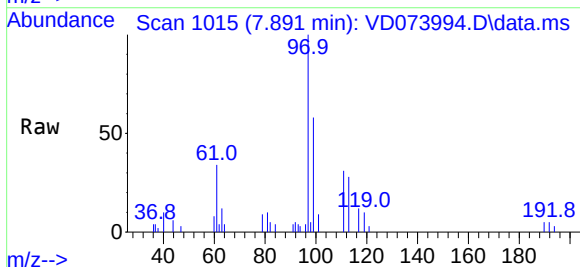


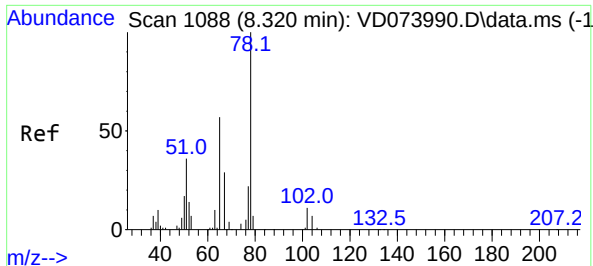
Tgt Ion: 56 Resp: 14975  
Ion Ratio Lower Upper  
56 100  
69 66.6 27.9 41.9#  
84 84.5 75.8 113.6



#32  
1,1,1-Trichloroethane  
Concen: 5.760 ug/l  
RT: 7.891 min Scan# 1015  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 97 Resp: 17264  
Ion Ratio Lower Upper  
97 100  
99 59.1 49.8 74.6  
61 39.5 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 5.950 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073994.D

Acq: 09 Aug 2022 13:47

Instrument :

MSVOA\_D

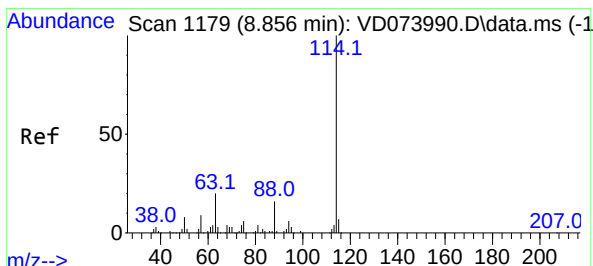
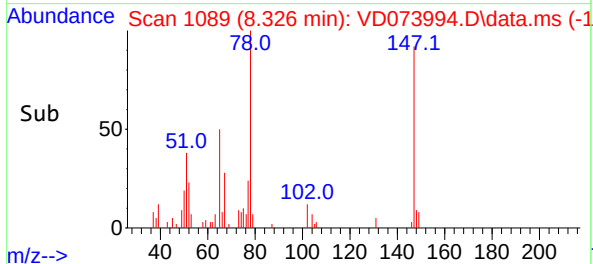
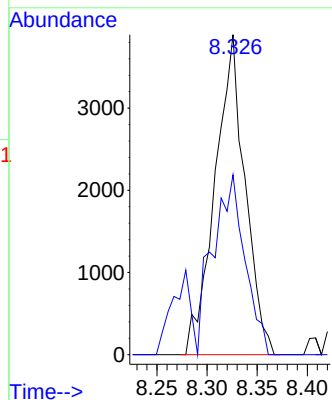
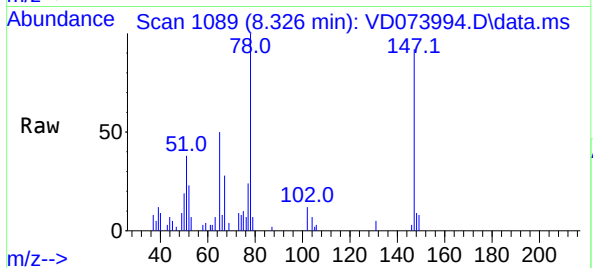
ClientSampleId :

Tgt Ion: 65 Resp: 8110

Ion Ratio Lower Upper

65 100

67 60.0 0.0 113.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073994.D

Acq: 09 Aug 2022 13:47

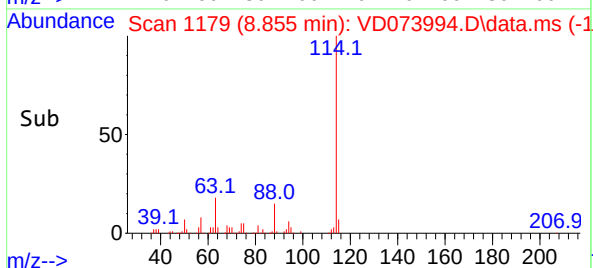
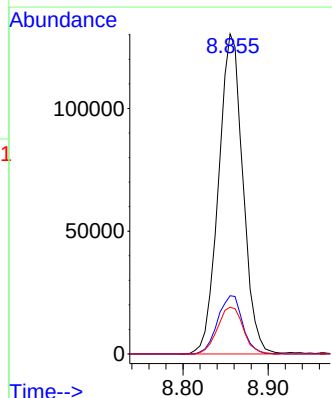
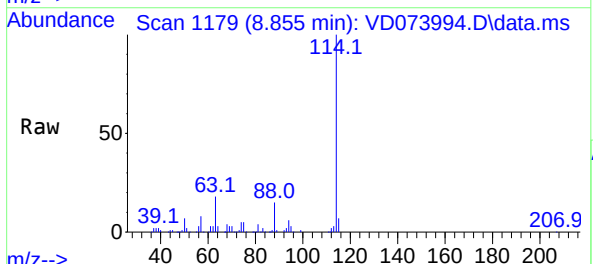
Tgt Ion:114 Resp: 258578

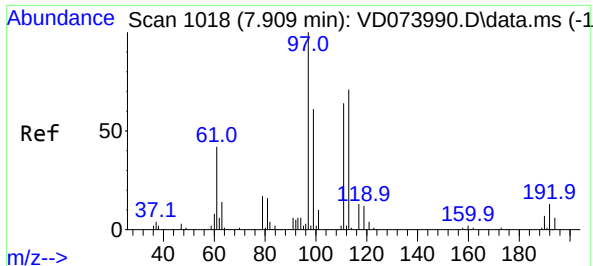
Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.0

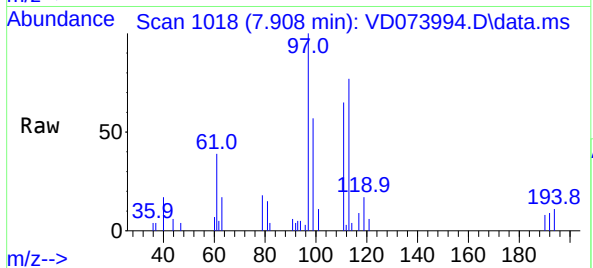
88 14.6 0.0 31.6



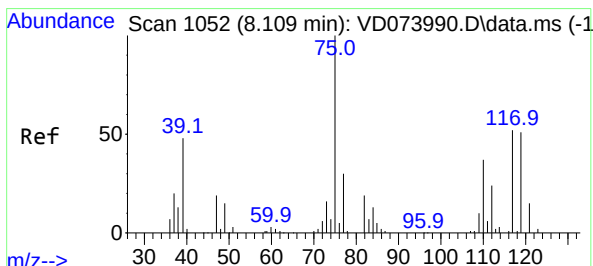
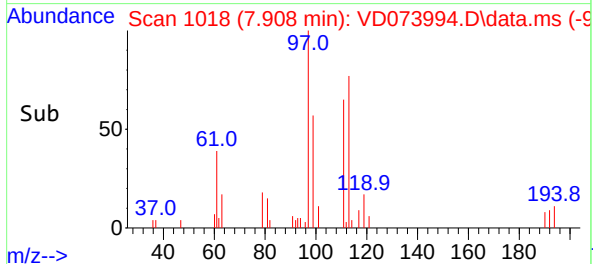
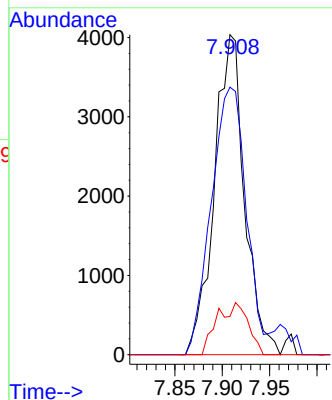


#35  
Dibromofluoromethane  
Concen: 5.654 ug/l  
RT: 7.908 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Instrument :  
MSVOA\_D  
ClientSampleId :

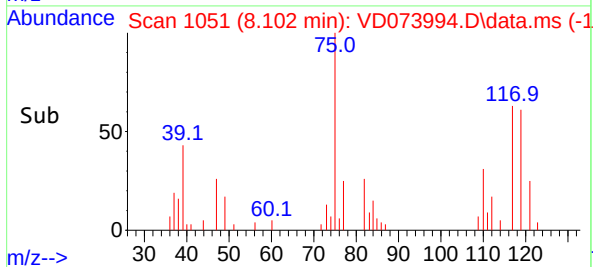
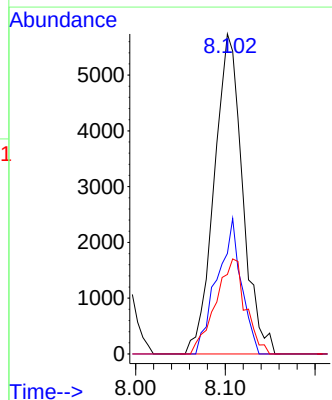
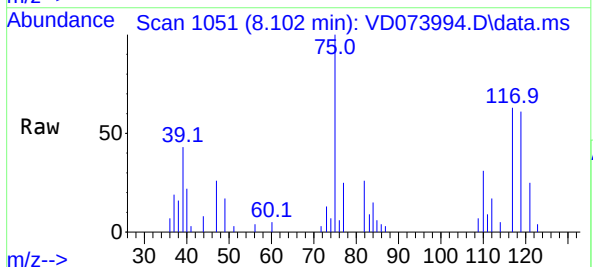


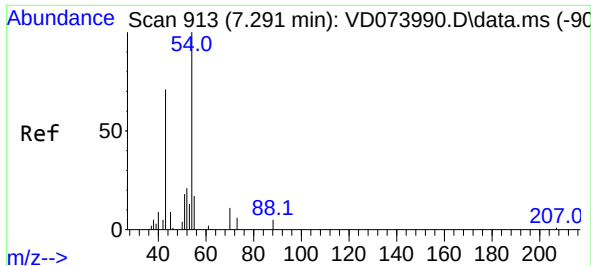
Tgt Ion:113 Resp: 8973  
Ion Ratio Lower Upper  
113 100  
111 97.2 80.0 120.0  
192 16.6 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 5.676 ug/l  
RT: 8.102 min Scan# 1051  
Delta R.T. -0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 75 Resp: 12574  
Ion Ratio Lower Upper  
75 100  
110 36.1 18.4 55.4  
77 31.4 24.6 36.8





#37

Ethyl Acetate

Concen: 5.772 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

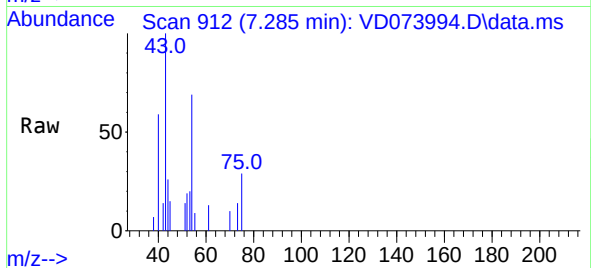
Lab File: VD073994.D

Acq: 09 Aug 2022 13:47

Instrument :

MSVOA\_D

ClientSampleId :



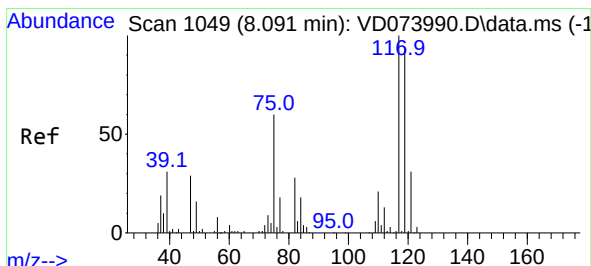
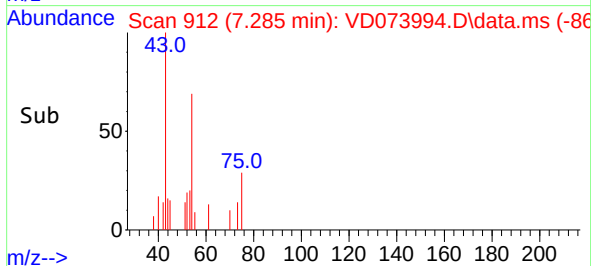
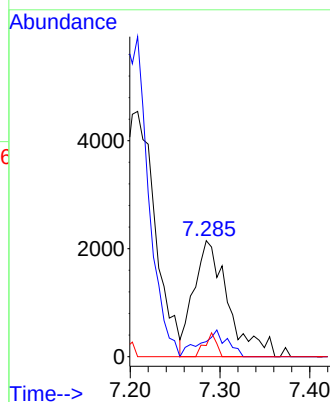
Tgt Ion: 43 Resp: 5701

Ion Ratio Lower Upper

43 100

61 17.8 11.0 16.6#

70 6.9 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.402 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. -0.006 min

Lab File: VD073994.D

Acq: 09 Aug 2022 13:47

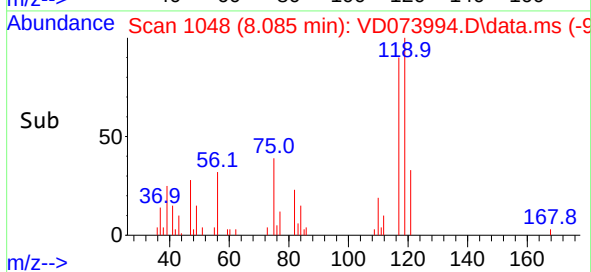
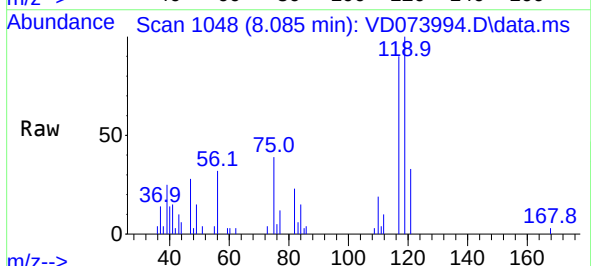
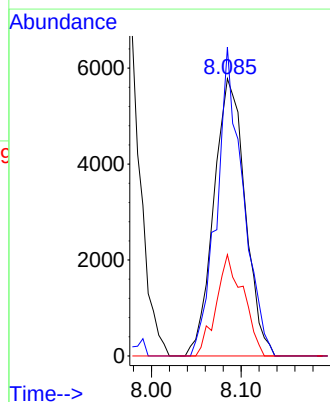
Tgt Ion: 117 Resp: 14037

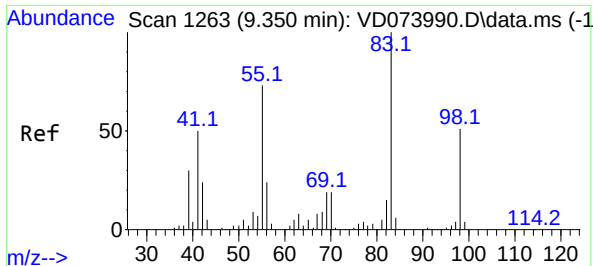
Ion Ratio Lower Upper

117 100

119 111.4 75.4 113.2

121 36.5 25.2 37.8





#39

Methylcyclohexane

Concen: 5.413 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073994.D

Acq: 09 Aug 2022 13:47

Instrument :

MSVOA\_D

ClientSampleId :

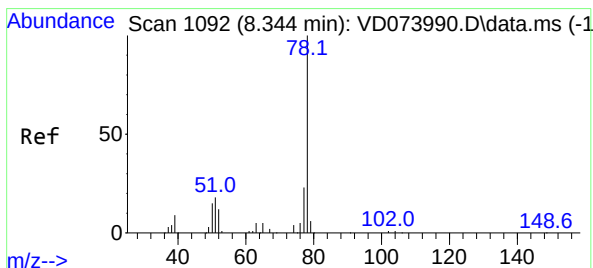
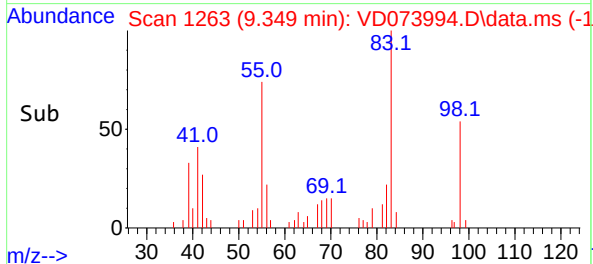
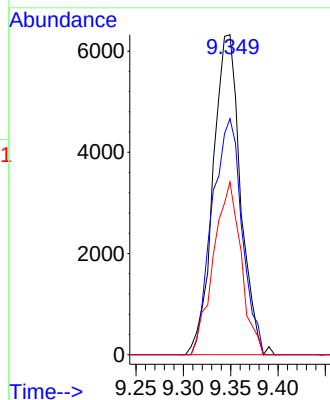
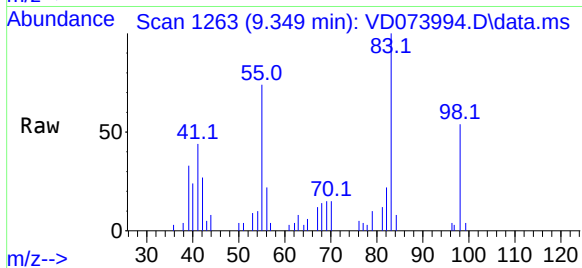
Tgt Ion: 83 Resp: 12706

Ion Ratio Lower Upper

83 100

55 73.7 58.3 87.5

98 53.9 41.0 61.4



#40

Benzene

Concen: 5.447 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD073994.D

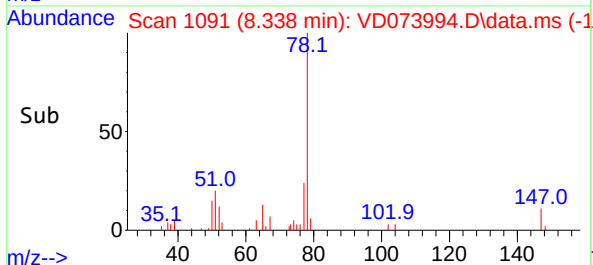
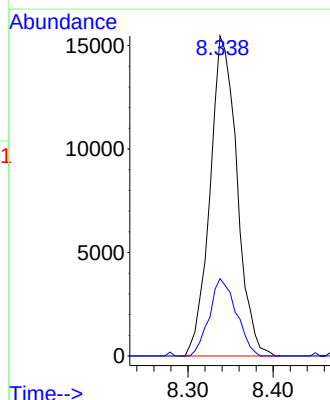
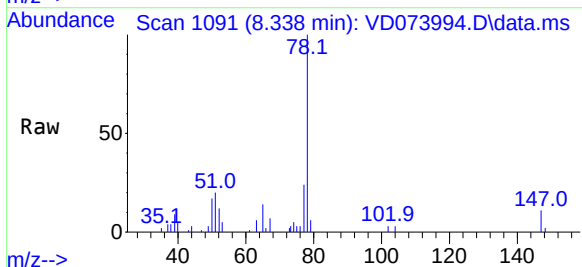
Acq: 09 Aug 2022 13:47

Tgt Ion: 78 Resp: 34070

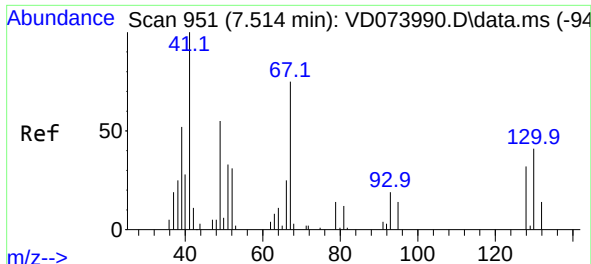
Ion Ratio Lower Upper

78 100

77 24.1 18.7 28.1

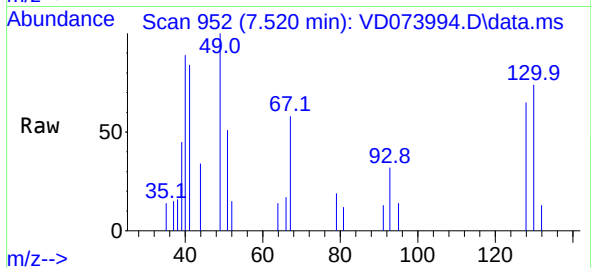




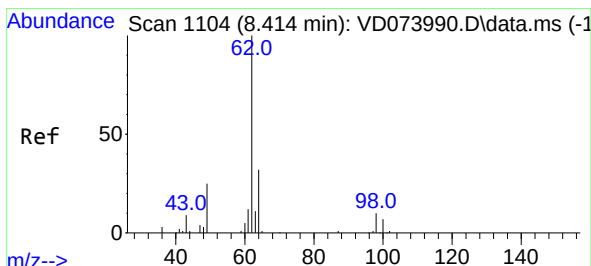
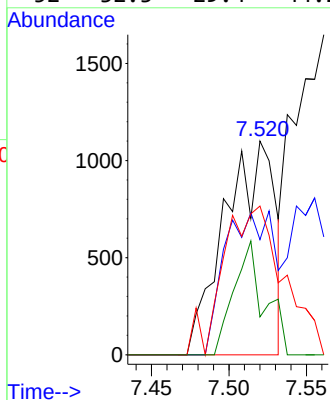
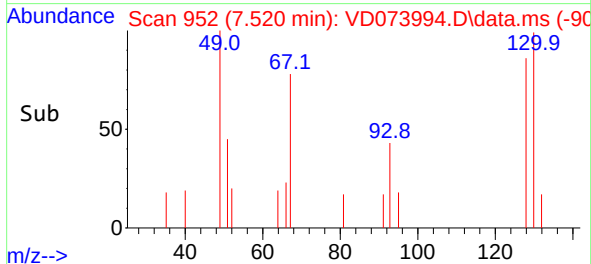


#41  
Methacrylonitrile  
Concen: 5.004 ug/l  
RT: 7.520 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

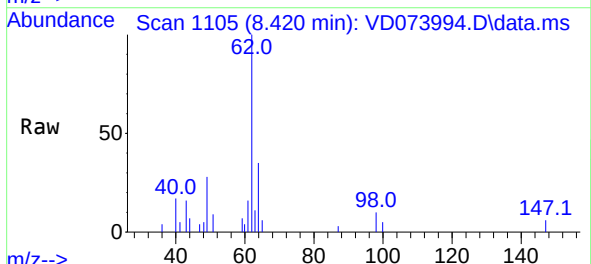
Instrument :  
MSVOA\_D  
ClientSampleId :



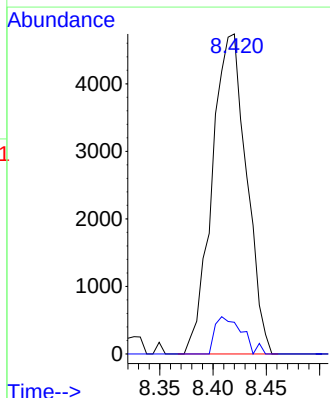
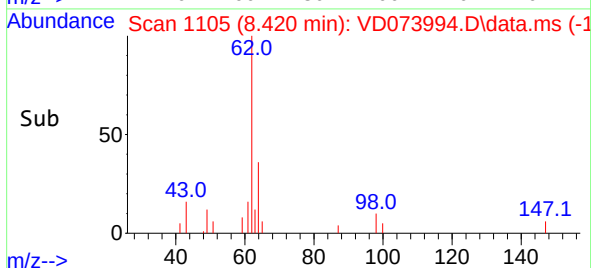
Tgt Ion: 41 Resp: 2475  
Ion Ratio Lower Upper  
41 100  
39 65.5 48.2 72.4  
67 83.9 66.3 99.5  
52 32.3 29.4 44.2

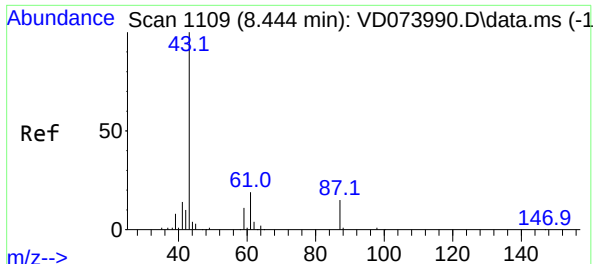


#42  
1,2-Dichloroethane  
Concen: 5.264 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47



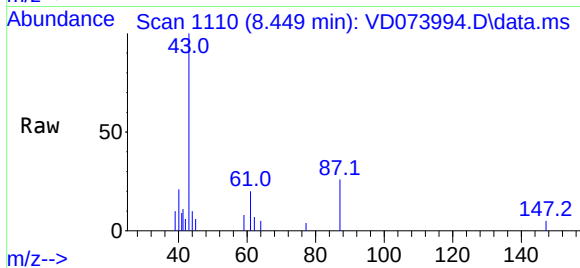
Tgt Ion: 62 Resp: 10630  
Ion Ratio Lower Upper  
62 100  
98 9.1 0.0 19.2



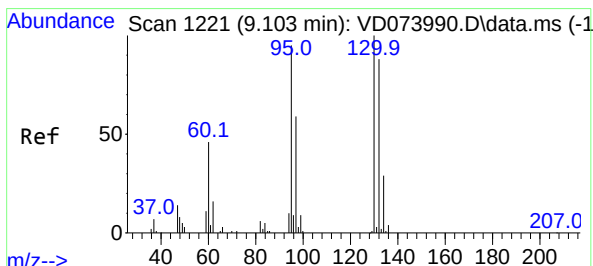
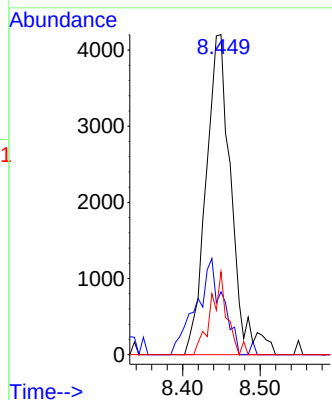
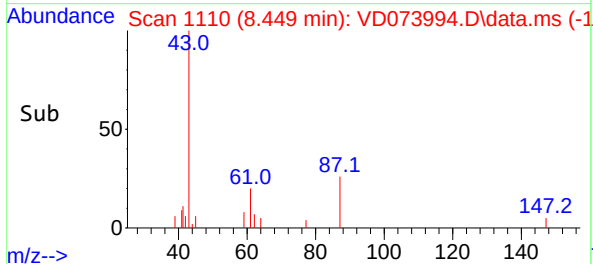


#43  
Isopropyl Acetate  
Concen: 5.126 ug/l  
RT: 8.449 min Scan# 1110  
Delta R.T. 0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Instrument :  
MSVOA\_D  
ClientSampleId :

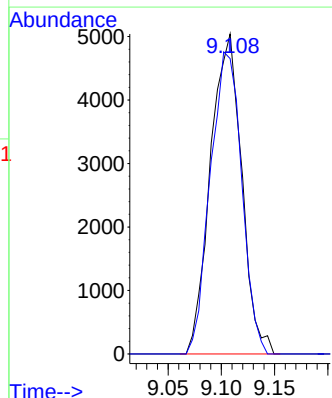
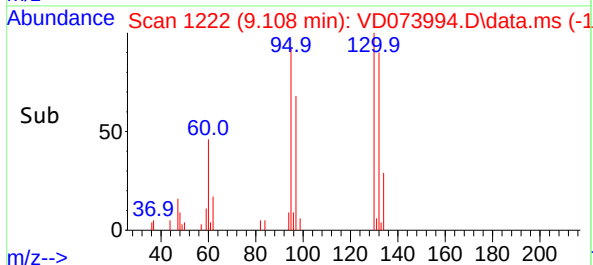
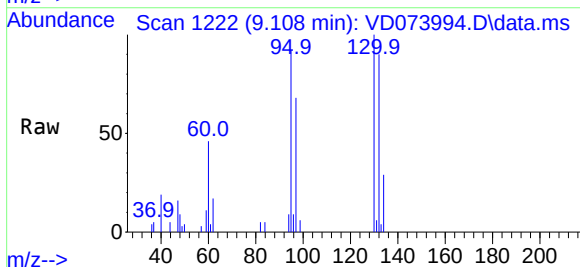


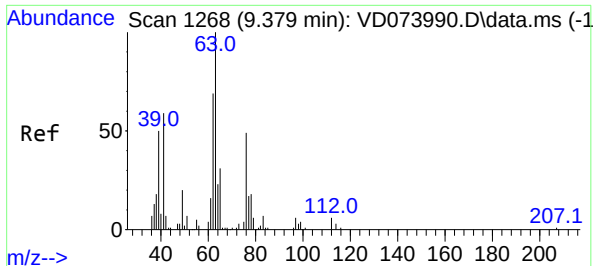
Tgt Ion: 43 Resp: 9482  
Ion Ratio Lower Upper  
43 100  
61 31.6 25.3 37.9  
87 16.6 11.4 17.2



#44  
Trichloroethene  
Concen: 5.600 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. 0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 130 Resp: 10260  
Ion Ratio Lower Upper  
130 100  
95 92.3 0.0 190.6

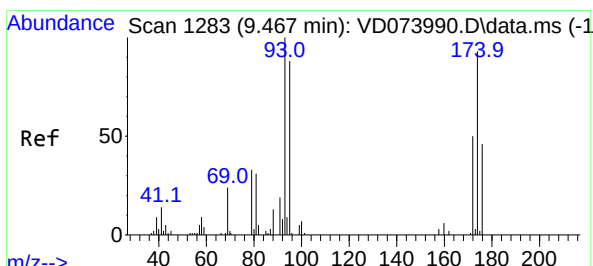
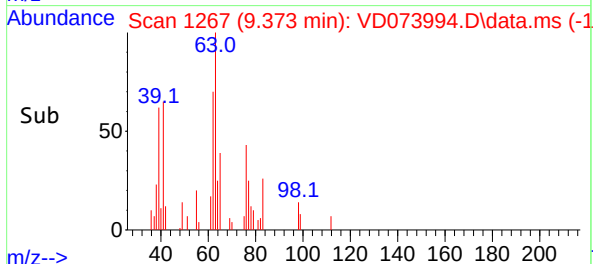
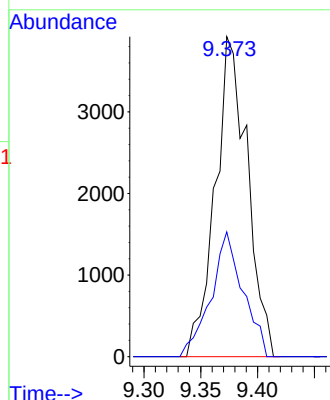
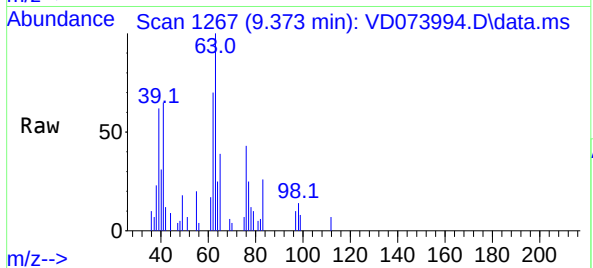




#45  
1,2-Dichloropropane  
Concen: 5.007 ug/l  
RT: 9.373 min Scan# 1267  
Delta R.T. -0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

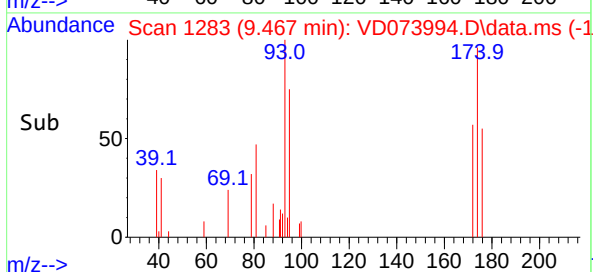
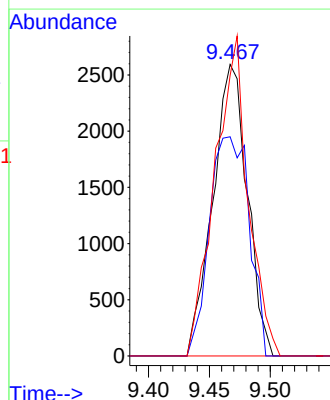
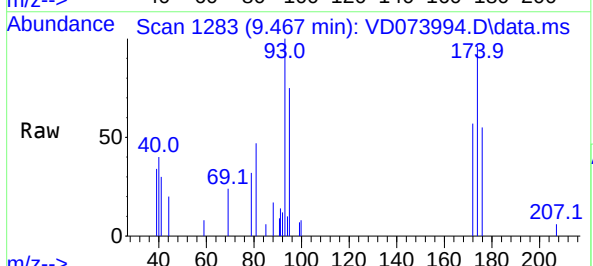
Instrument :  
MSVOA\_D  
ClientSampleId :

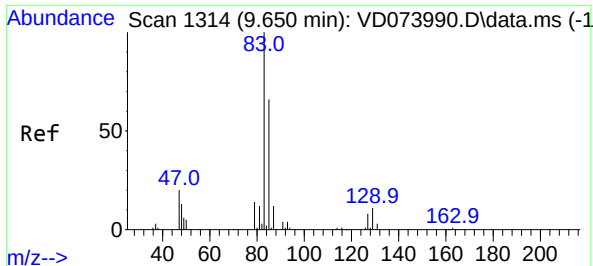
Tgt Ion: 63 Resp: 7694  
Ion Ratio Lower Upper  
63 100  
65 39.0 24.6 36.8#



#46  
Dibromomethane  
Concen: 5.011 ug/l  
RT: 9.467 min Scan# 1283  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 93 Resp: 5111  
Ion Ratio Lower Upper  
93 100  
95 86.9 66.4 99.6  
174 106.0 76.2 114.4

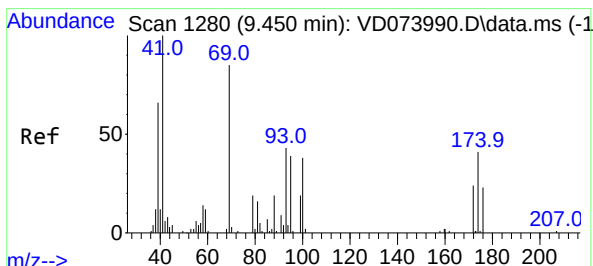
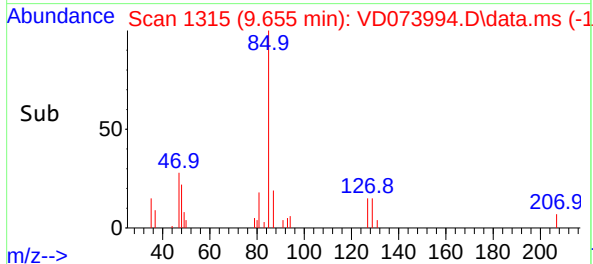
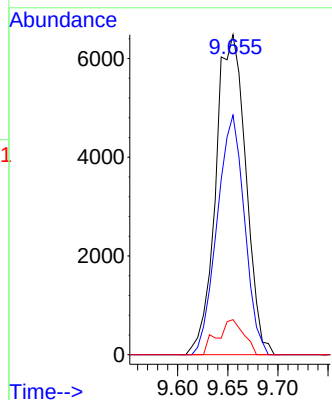
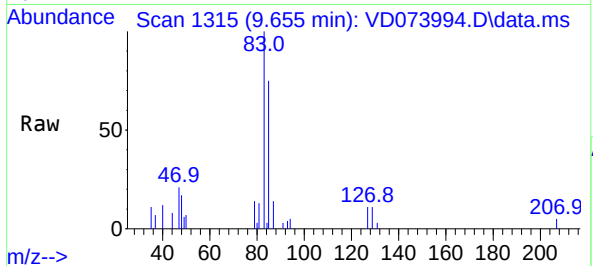




#47  
Bromodichloromethane  
Concen: 5.284 ug/l  
RT: 9.655 min Scan# 1314  
Delta R.T. 0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

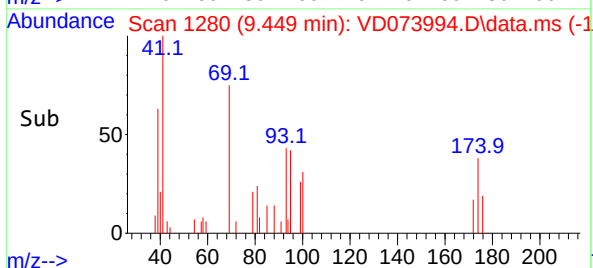
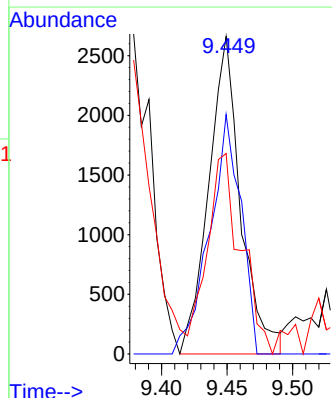
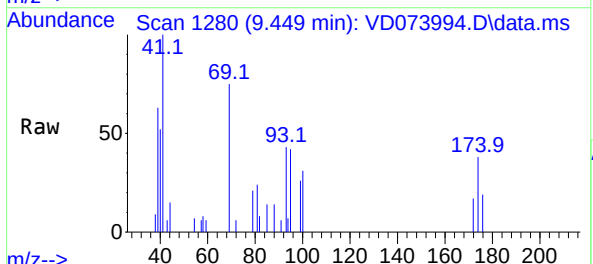
Instrument :  
MSVOA\_D  
ClientSampleId :

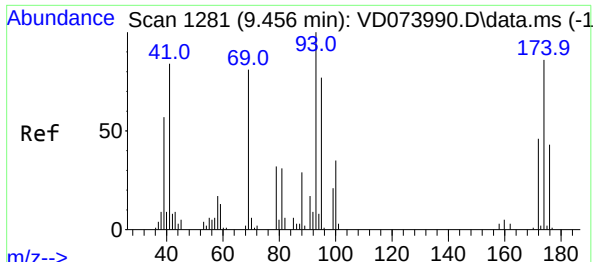
Tgt Ion: 83 Resp: 13514  
Ion Ratio Lower Upper  
83 100  
85 74.8 52.5 78.7  
127 11.0 6.3 9.5#



#48  
Methyl methacrylate  
Concen: 5.485 ug/l  
RT: 9.449 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 41 Resp: 4527  
Ion Ratio Lower Upper  
41 100  
69 73.6 77.0 115.4#  
39 66.2 59.0 88.6





#49

1,4-Dioxane

Concen: 96.868 ug/l

RT: 9.455 min Scan# 11

Delta R.T. -0.000 min

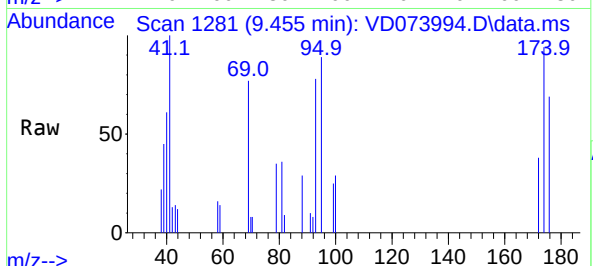
Lab File: VD073994.D

Acq: 09 Aug 2022 13:47

Instrument :

MSVOA\_D

ClientSampleId :



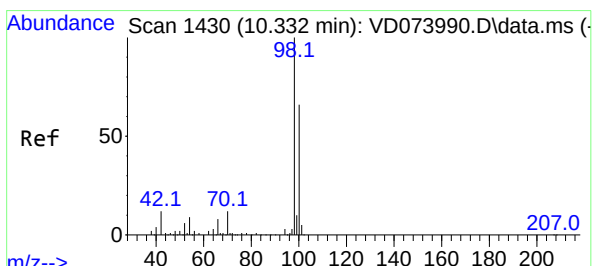
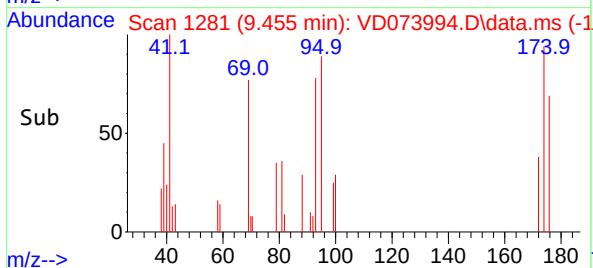
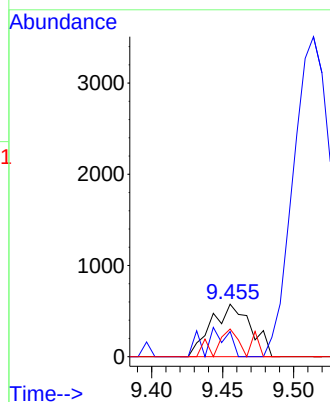
Tgt Ion: 88 Resp: 1123

Ion Ratio Lower Upper

88 100

43 23.6 29.2 43.8#

58 28.1 53.8 80.6#



#50

Toluene-d8

Concen: 5.571 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073994.D

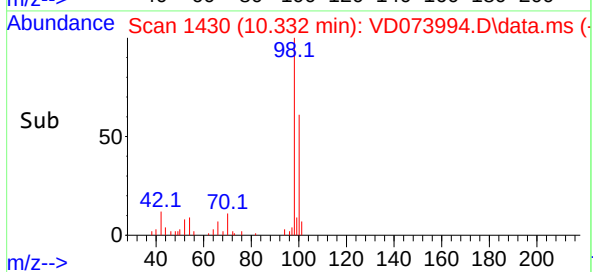
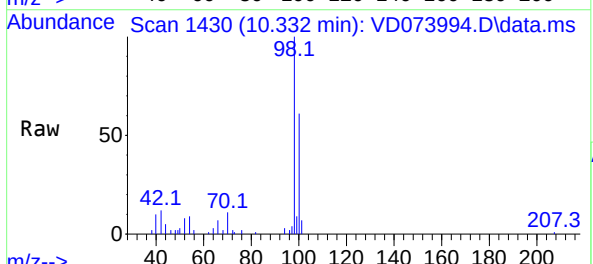
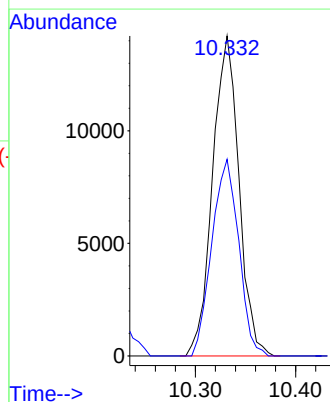
Acq: 09 Aug 2022 13:47

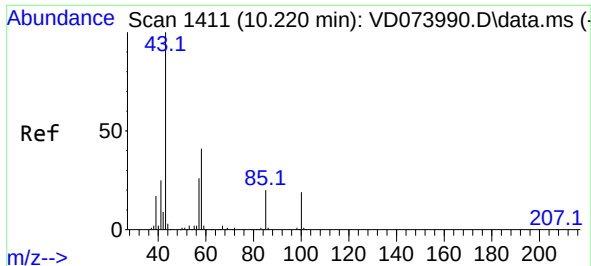
Tgt Ion: 98 Resp: 25963

Ion Ratio Lower Upper

98 100

100 62.7 51.3 76.9

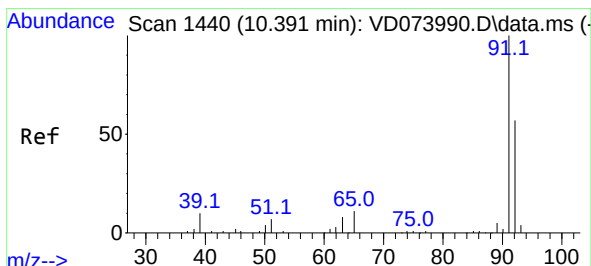
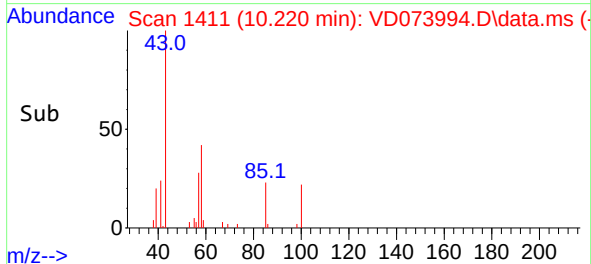
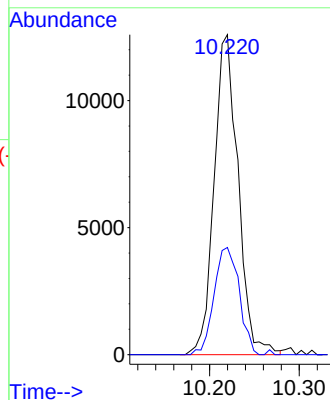
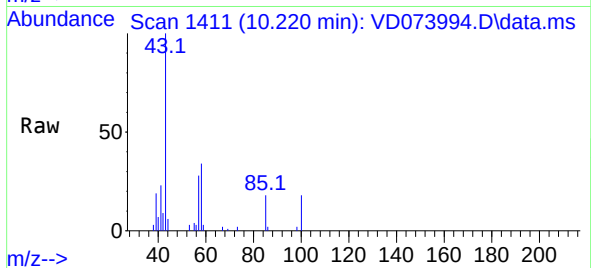




#51  
4-Methyl-2-Pentanone  
Concen: 24.441 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

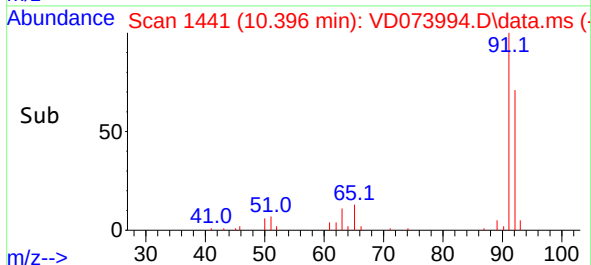
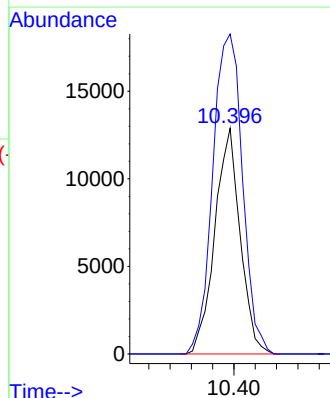
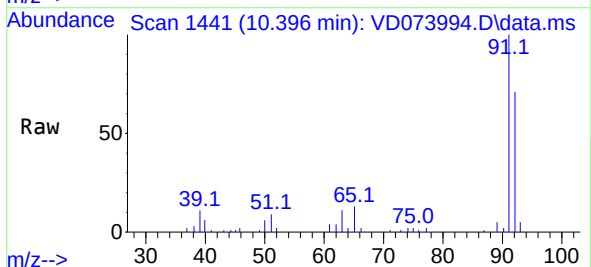
Instrument :  
MSVOA\_D  
ClientSampleId :

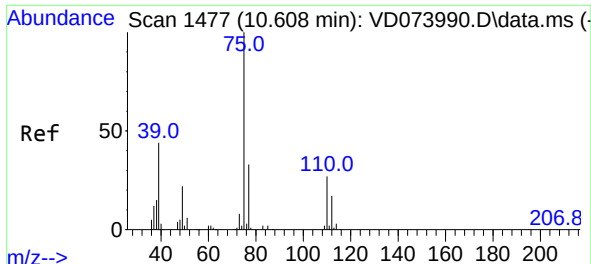
Tgt Ion: 43 Resp: 23318  
Ion Ratio Lower Upper  
43 100  
58 35.2 31.7 47.5



#52  
Toluene  
Concen: 5.175 ug/l  
RT: 10.396 min Scan# 1441  
Delta R.T. 0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 92 Resp: 21318  
Ion Ratio Lower Upper  
92 100  
91 165.9 138.0 207.0

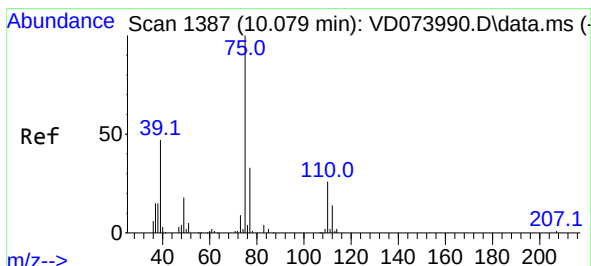
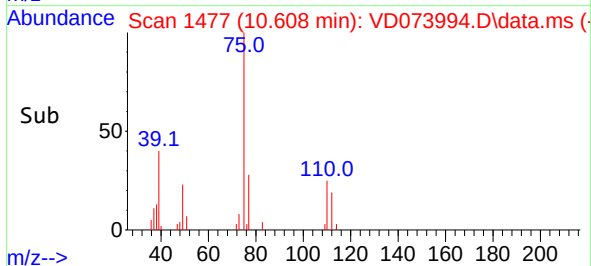
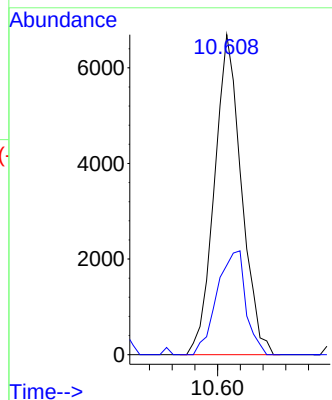
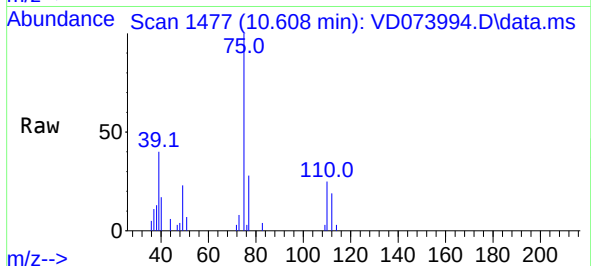




#53  
t-1,3-Dichloropropene  
Concen: 4.939 ug/l  
RT: 10.608 min Scan# 1477  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

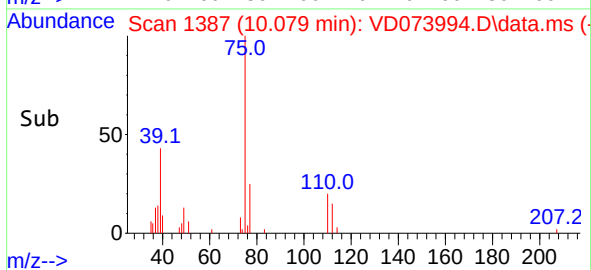
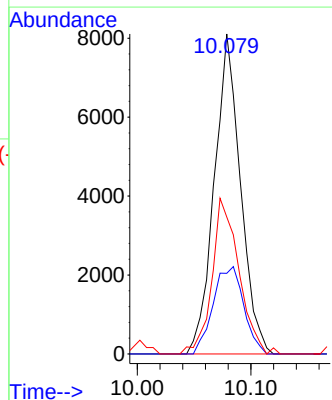
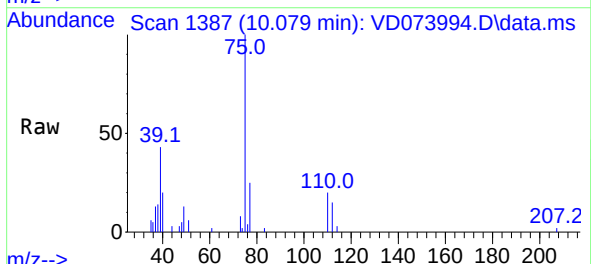
Instrument :  
MSVOA\_D  
ClientSampleId :

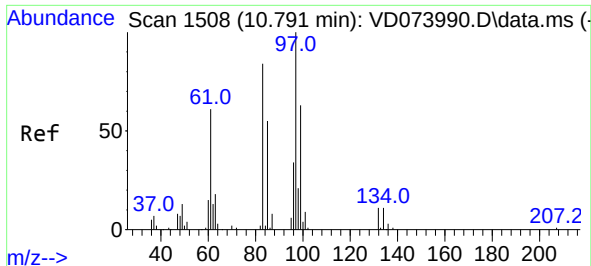
Tgt Ion: 75 Resp: 11055  
Ion Ratio Lower Upper  
75 100  
77 28.0 26.4 39.6



#54  
cis-1,3-Dichloropropene  
Concen: 5.115 ug/l  
RT: 10.079 min Scan# 1387  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

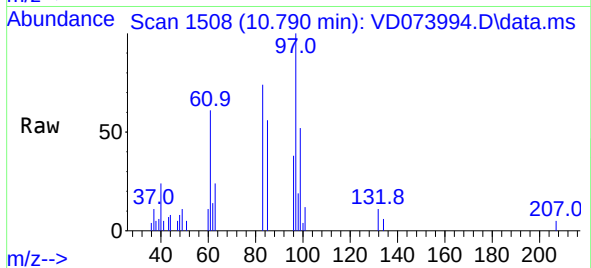
Tgt Ion: 75 Resp: 12994  
Ion Ratio Lower Upper  
75 100  
77 25.2 26.2 39.4#  
39 42.8 37.8 56.8





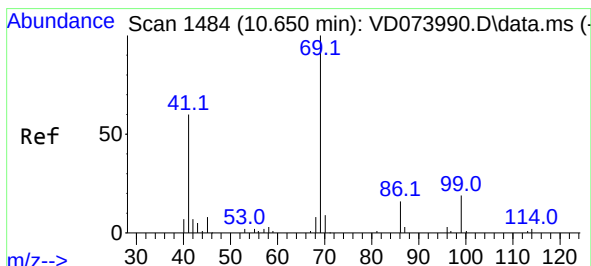
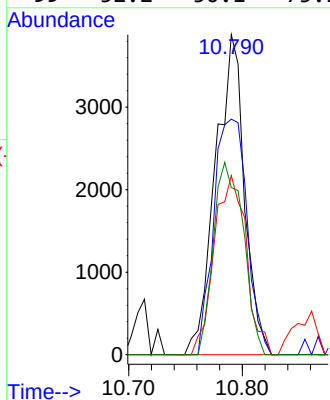
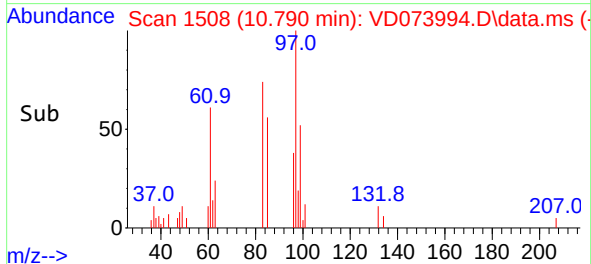
#55  
1,1,2-Trichloroethane  
Concen: 5.122 ug/l  
RT: 10.790 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Instrument :  
MSVOA\_D  
ClientSampleId :

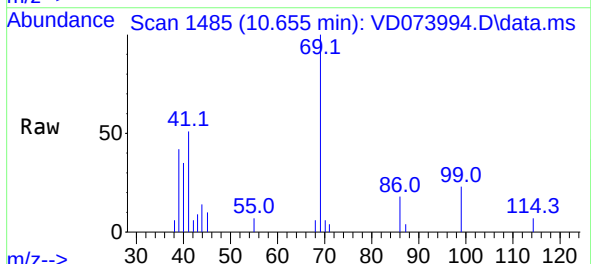


Tgt Ion: 97 Resp: 6872

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 73.6  | 67.4  | 101.0 |
| 85  | 56.0  | 44.2  | 66.4  |
| 99  | 52.2  | 50.1  | 75.1  |

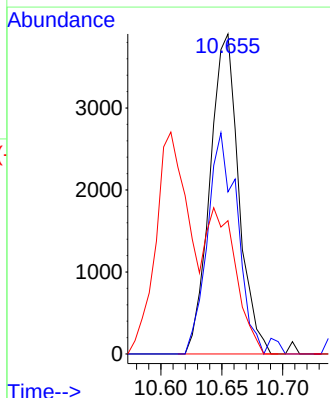
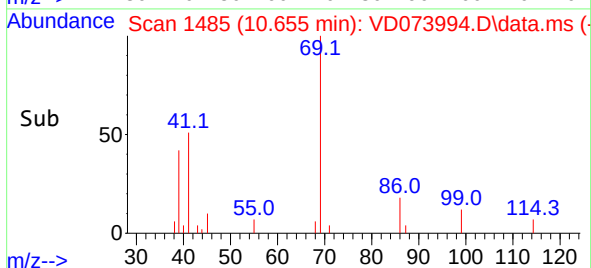


#56  
Ethyl methacrylate  
Concen: 4.397 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

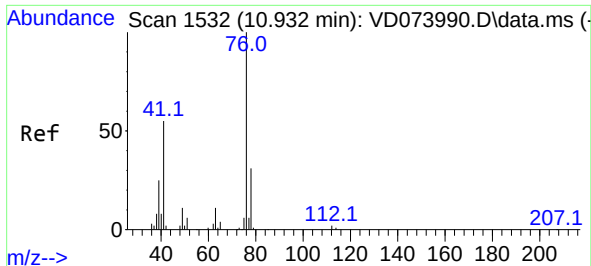


Tgt Ion: 69 Resp: 6431

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 71.4  | 49.5  | 74.3  |
| 39  | 47.3  | 30.6  | 46.0  |







#57

1,3-Dichloropropane

Concen: 5.079 ug/l

RT: 10.937 min Scan# 1533

Delta R.T. 0.006 min

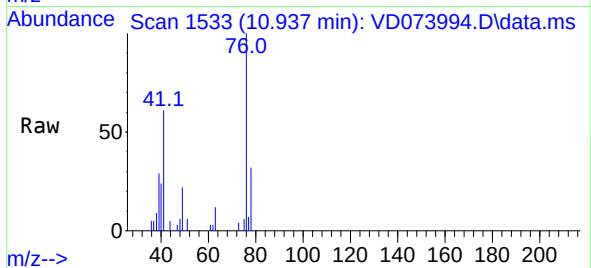
Lab File: VD073994.D

Acq: 09 Aug 2022 13:47

Instrument :

MSVOA\_D

ClientSampleId :

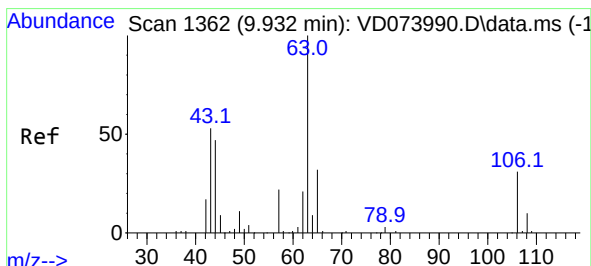
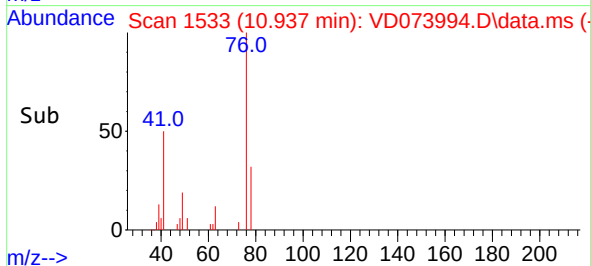
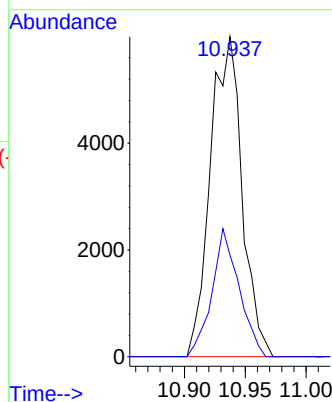


Tgt Ion: 76 Resp: 10826

Ion Ratio Lower Upper

76 100

78 34.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 22.089 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073994.D

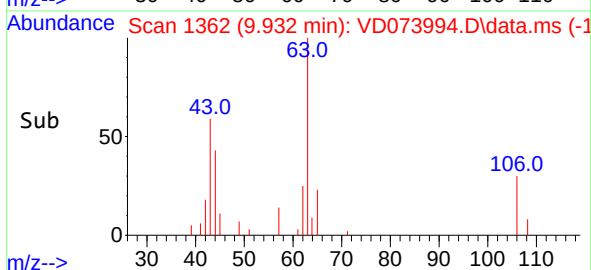
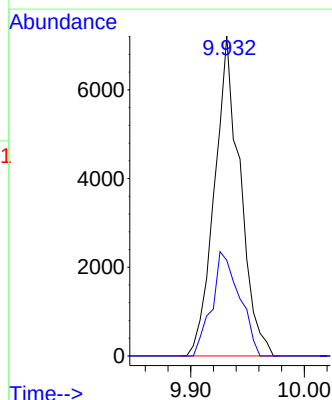
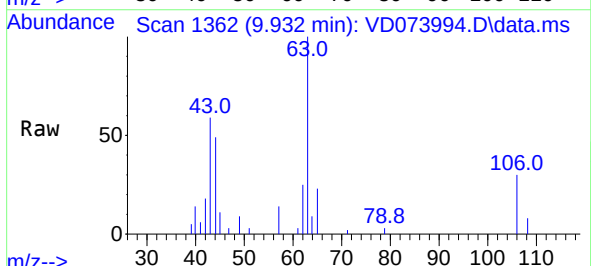
Acq: 09 Aug 2022 13:47

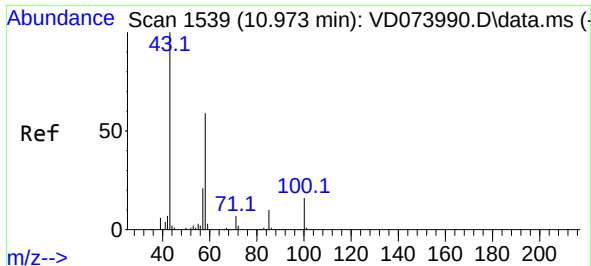
Tgt Ion: 63 Resp: 11315

Ion Ratio Lower Upper

63 100

106 35.1 25.0 37.6





#59

2-Hexanone

Concen: 23.274 ug/l

RT: 10.973 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VD073994.D

Acq: 09 Aug 2022 13:47

Instrument :

MSVOA\_D

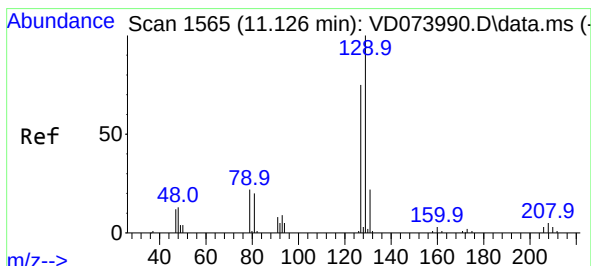
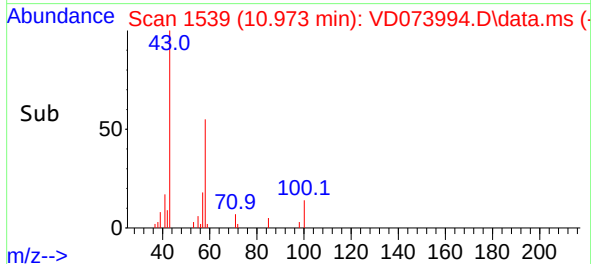
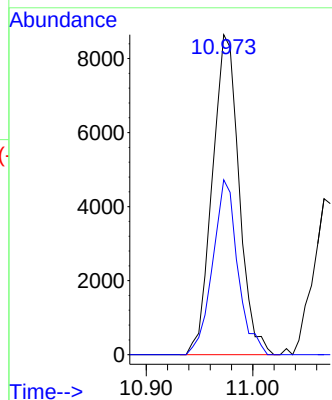
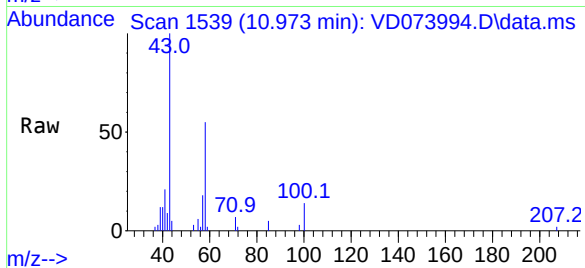
ClientSampleId :

Tgt Ion: 43 Resp: 15025

Ion Ratio Lower Upper

43 100

58 51.4 28.2 84.6



#60

Dibromochloromethane

Concen: 4.843 ug/l

RT: 11.126 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VD073994.D

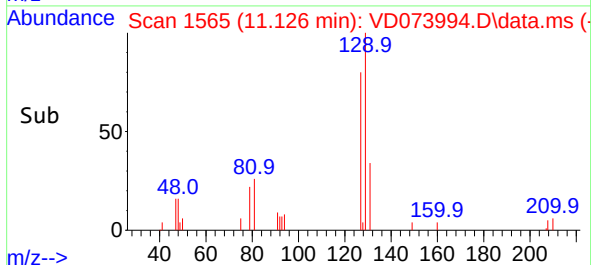
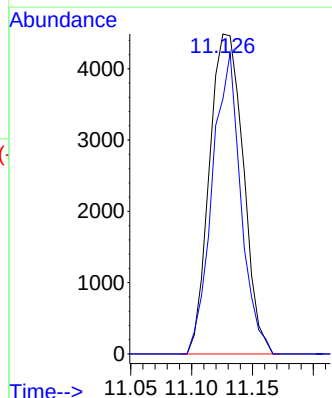
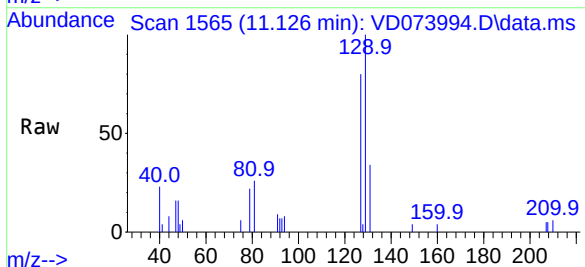
Acq: 09 Aug 2022 13:47

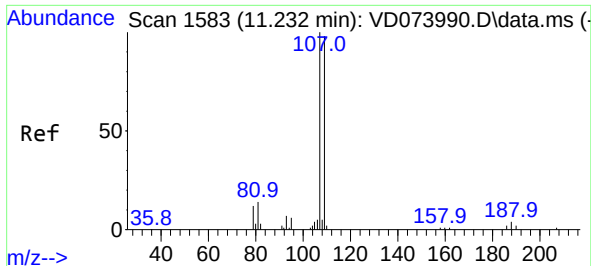
Tgt Ion: 129 Resp: 8670

Ion Ratio Lower Upper

129 100

127 79.4 38.6 116.0

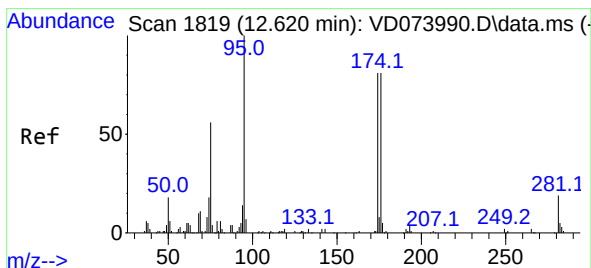
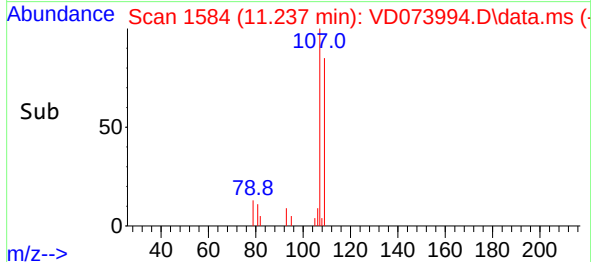
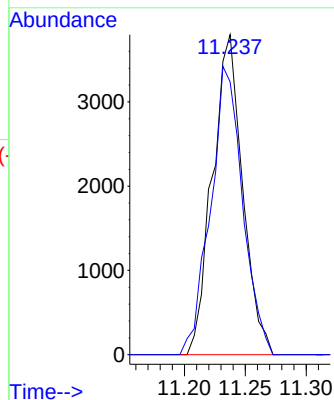
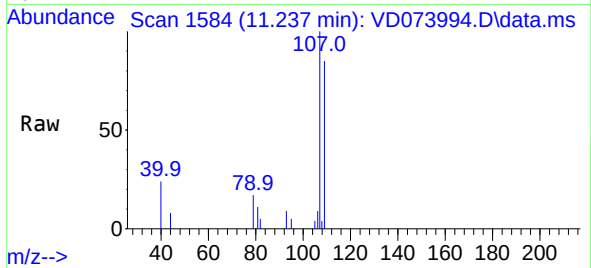




#61  
1,2-Dibromoethane  
Concen: 4.994 ug/l  
RT: 11.237 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

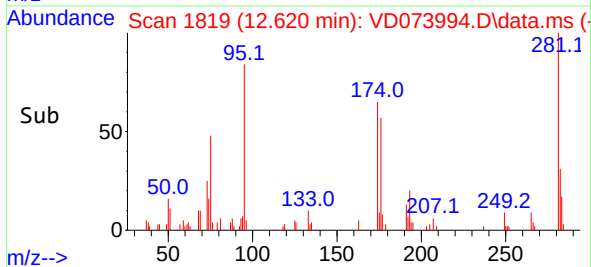
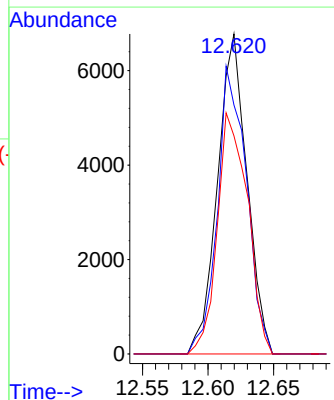
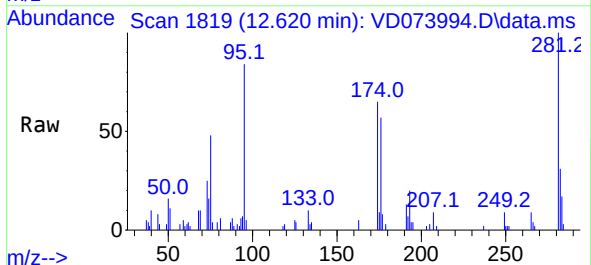
Instrument :  
MSVOA\_D  
ClientSampleId :

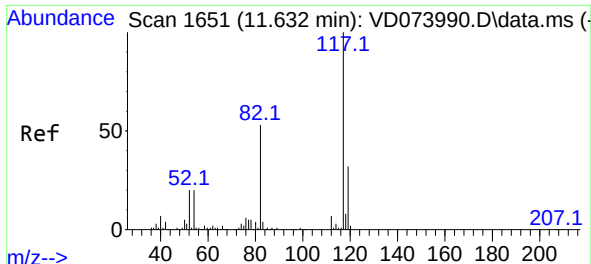
Tgt Ion:107 Resp: 6558  
Ion Ratio Lower Upper  
107 100  
109 95.7 76.6 115.0



#62  
4-Bromofluorobenzene  
Concen: 5.250 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

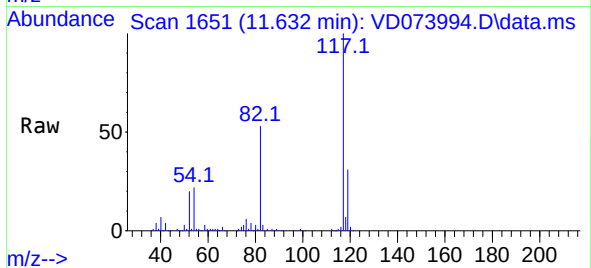
Tgt Ion: 95 Resp: 10585  
Ion Ratio Lower Upper  
95 100  
174 88.3 0.0 162.6  
176 77.3 0.0 160.0



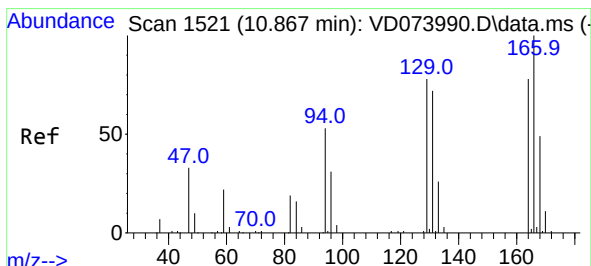
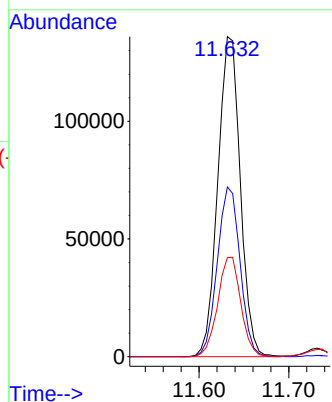
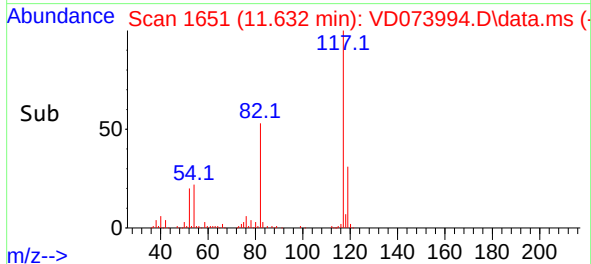


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.632 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Instrument :  
MSVOA\_D  
ClientSampleId :

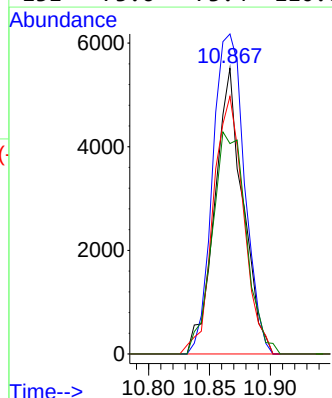
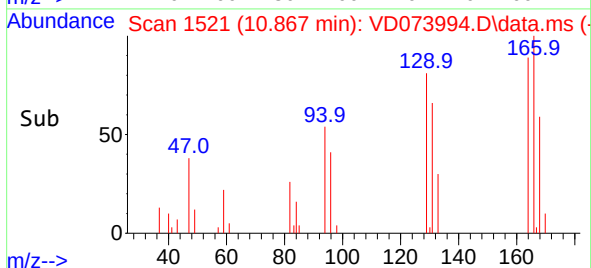
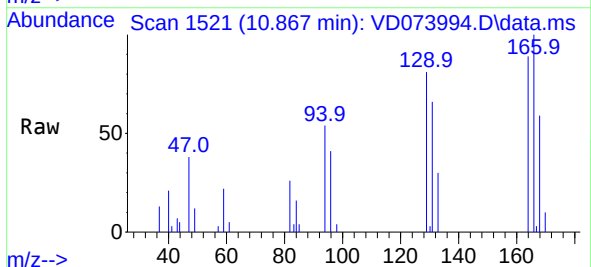


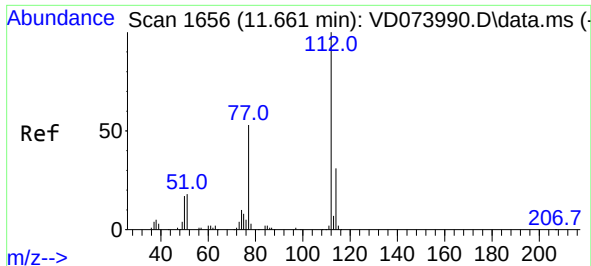
Tgt Ion:117 Resp: 236370  
Ion Ratio Lower Upper  
117 100  
82 53.0 42.7 64.1  
119 31.0 25.8 38.8



#64  
Tetrachloroethene  
Concen: 5.912 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion:164 Resp: 8863  
Ion Ratio Lower Upper  
164 100  
166 112.0 102.1 153.1  
129 90.2 80.0 120.0  
131 73.6 73.4 110.0

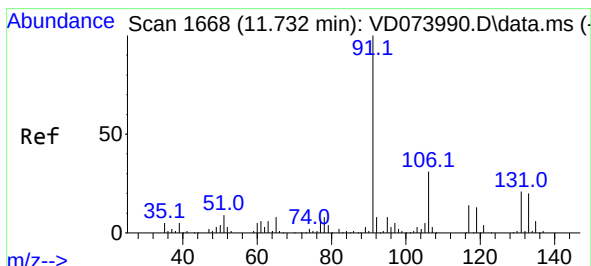
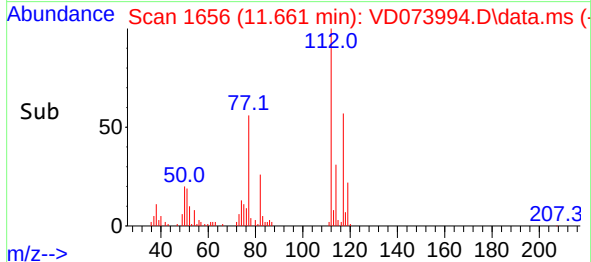
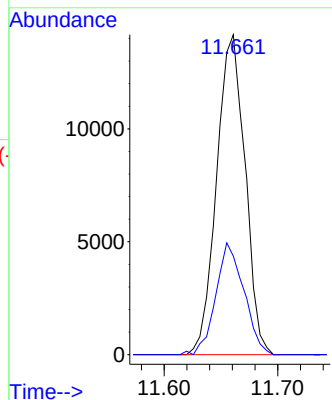
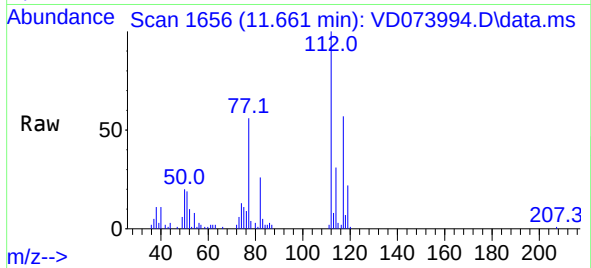




#65  
Chlorobenzene  
Concen: 5.419 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

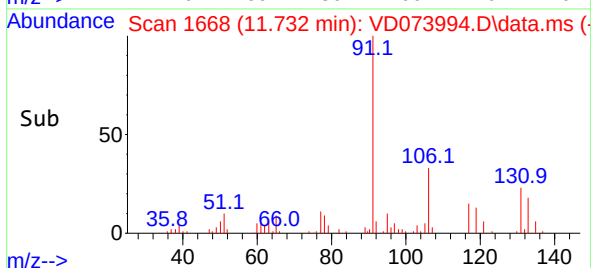
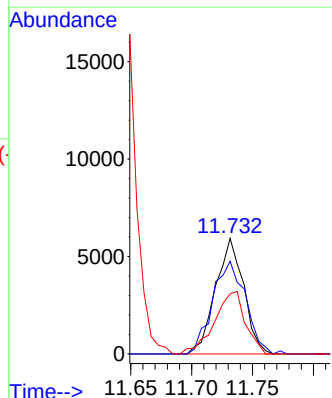
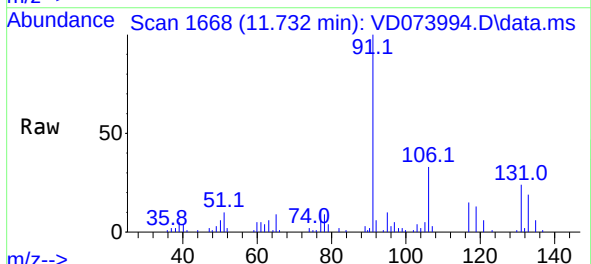
Instrument :  
MSVOA\_D  
ClientSampleId :

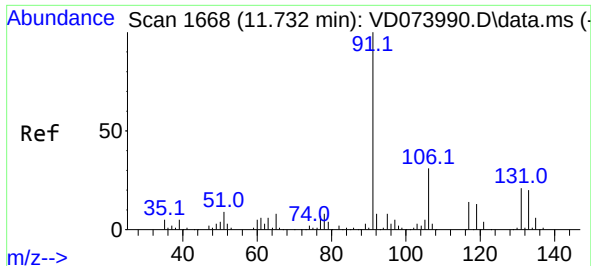
Tgt Ion:112 Resp: 24630  
Ion Ratio Lower Upper  
112 100  
114 30.8 24.8 37.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 5.347 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion:131 Resp: 9529  
Ion Ratio Lower Upper  
131 100  
133 94.3 46.9 140.6  
119 59.3 31.6 94.8

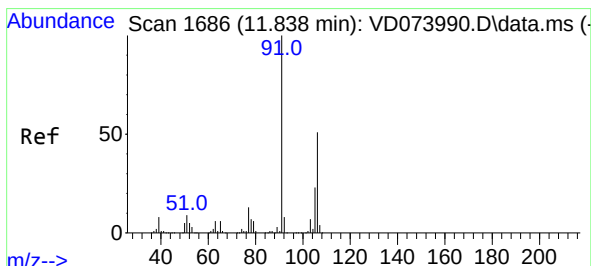
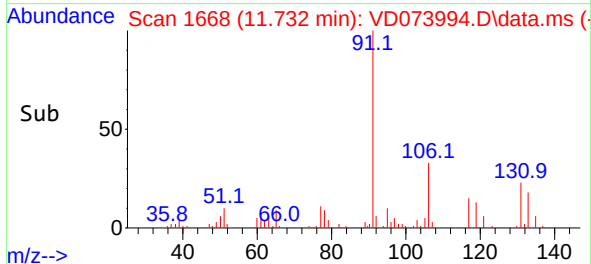
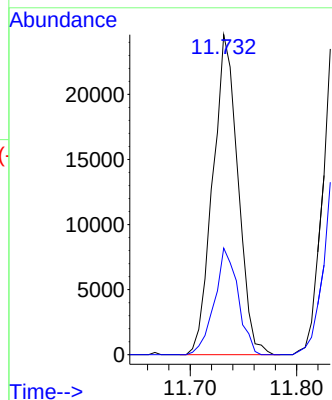
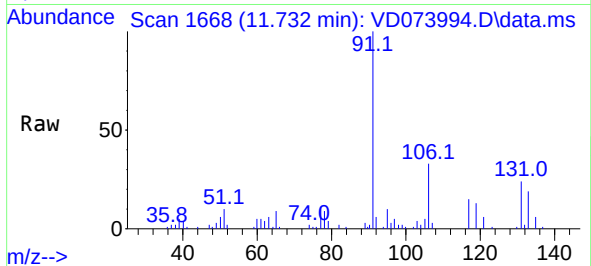




#67  
Ethyl Benzene  
Concen: 5.135 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

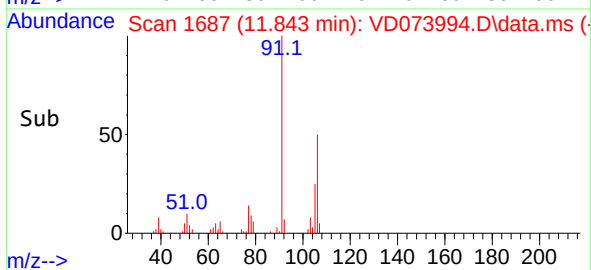
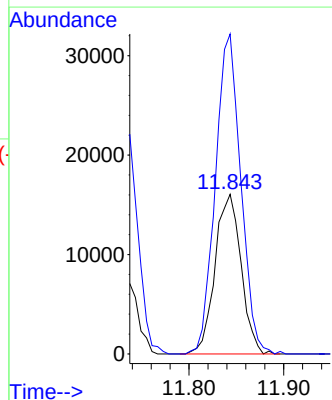
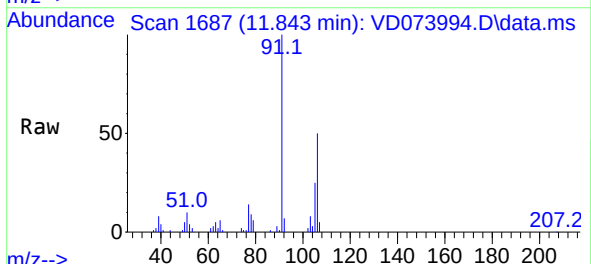
Instrument :  
MSVOA\_D  
ClientSampleId :

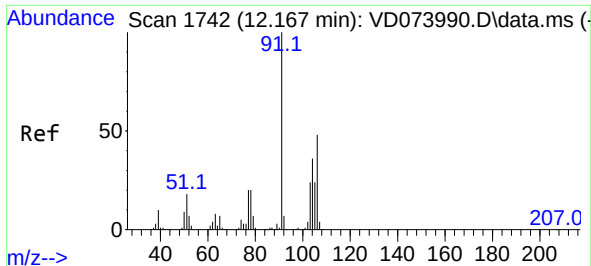
Tgt Ion: 91 Resp: 40235  
Ion Ratio Lower Upper  
91 100  
106 33.3 24.7 37.1



#68  
m/p-Xylenes  
Concen: 9.742 ug/l  
RT: 11.843 min Scan# 1687  
Delta R.T. 0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 106 Resp: 30669  
Ion Ratio Lower Upper  
106 100  
91 195.9 159.2 238.8

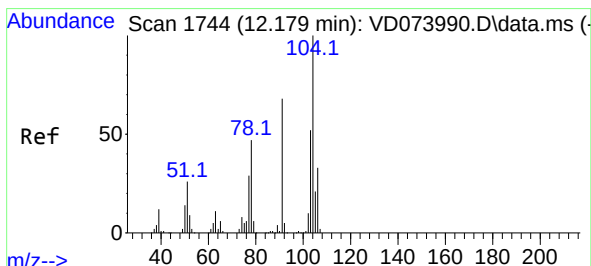
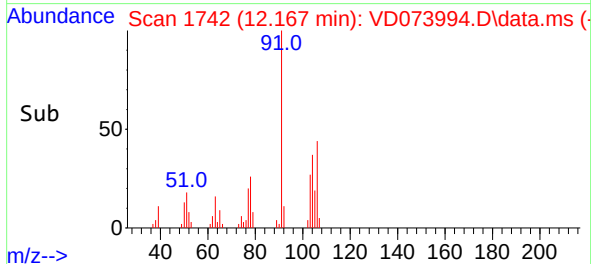
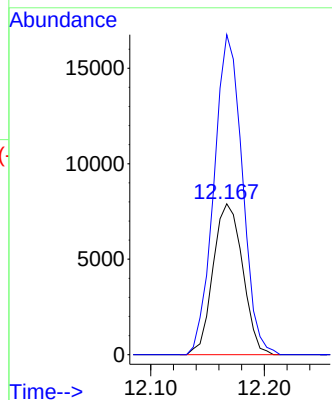
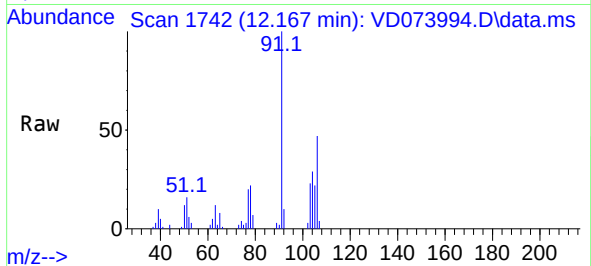




#69  
o-Xylene  
Concen: 4.931 ug/l  
RT: 12.167 min Scan# 1742  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

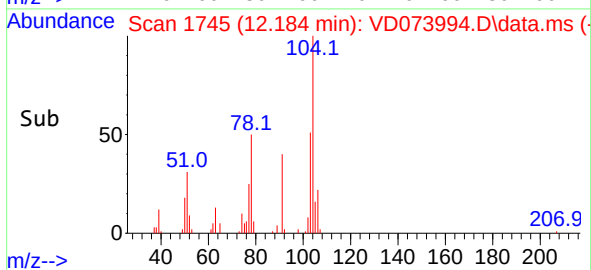
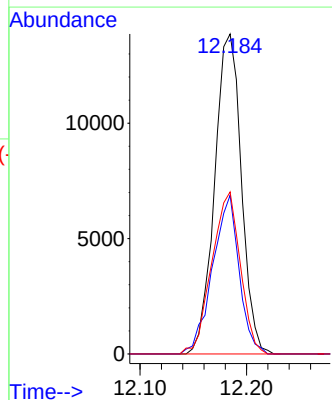
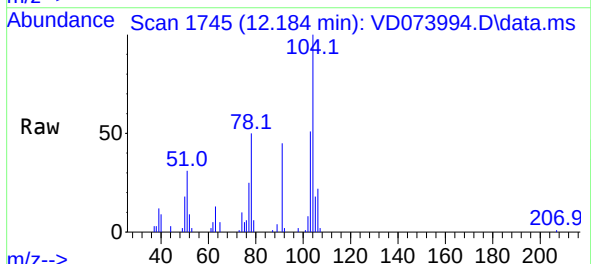
Instrument :  
MSVOA\_D  
ClientSampleId :

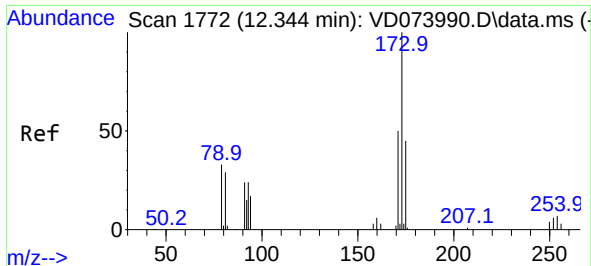
Tgt Ion:106 Resp: 14290  
Ion Ratio Lower Upper  
106 100  
91 204.1 104.7 314.1



#70  
Styrene  
Concen: 4.761 ug/l  
RT: 12.184 min Scan# 1745  
Delta R.T. 0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion:104 Resp: 24156  
Ion Ratio Lower Upper  
104 100  
78 49.2 38.2 57.2  
103 53.9 43.8 65.6

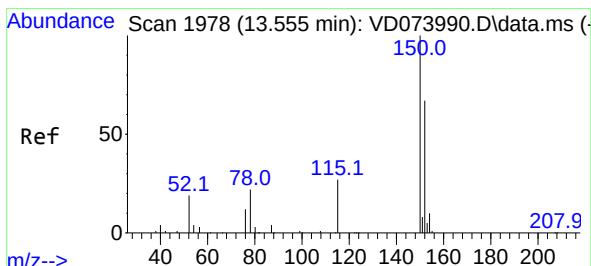
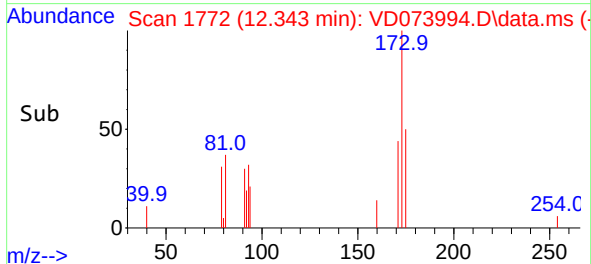
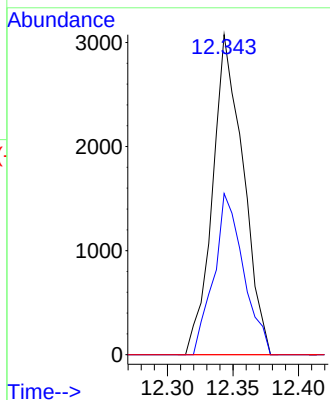
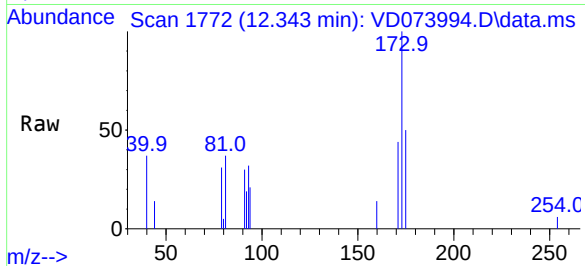




#71  
Bromoform  
Concen: 4.700 ug/l  
RT: 12.343 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

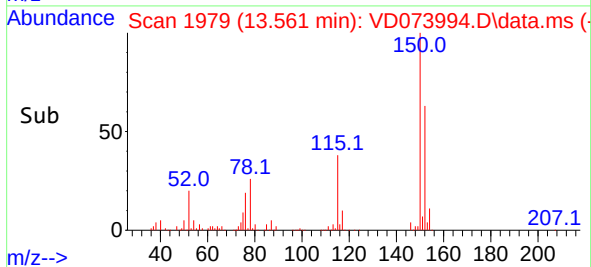
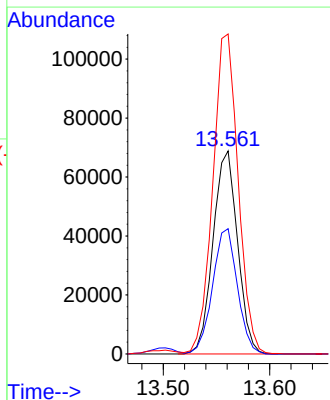
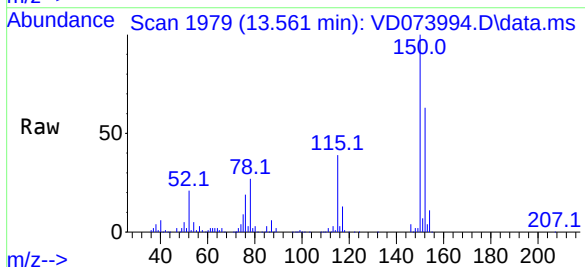
Instrument :  
MSVOA\_D  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 5004  |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 48.6  | 23.9  | 71.8  |
| 254      | 0.0   | 0.0   | 0.0   |

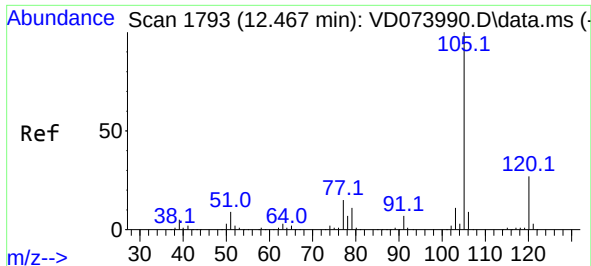


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. 0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 109765 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 62.6  | 29.9  | 89.8   |
| 150      | 162.9 | 0.0   | 342.8  |



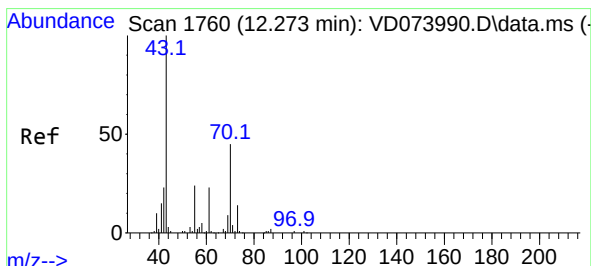
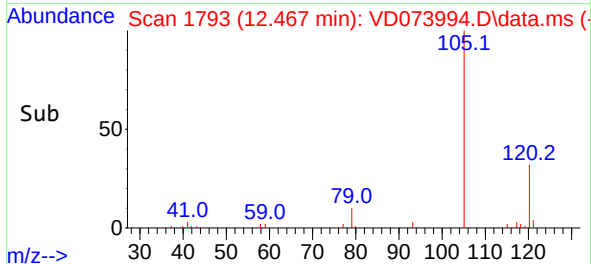
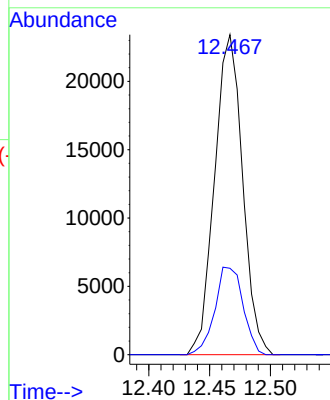
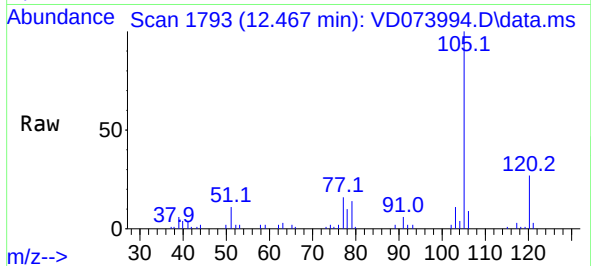




#73  
Isopropylbenzene  
Concen: 5.276 ug/l  
RT: 12.467 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

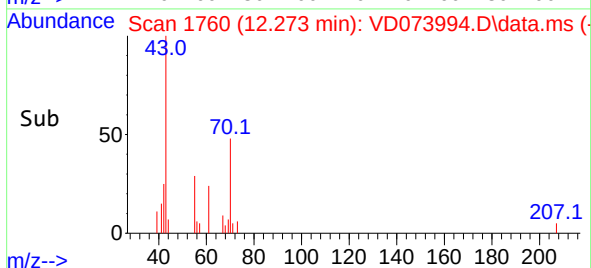
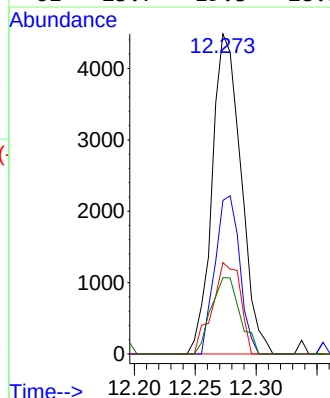
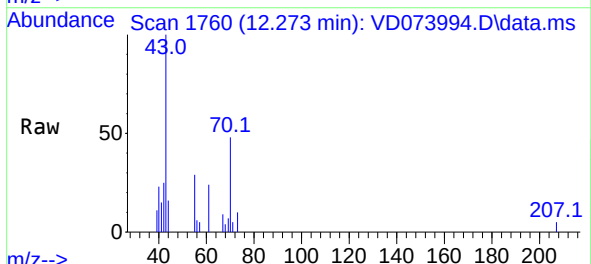
Instrument :  
MSVOA\_D  
ClientSampleId :

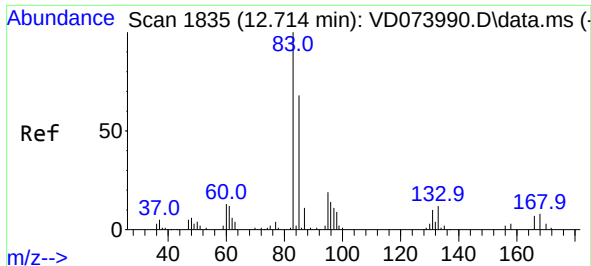
Tgt Ion:105 Resp: 37433  
Ion Ratio Lower Upper  
105 100  
120 27.6 13.4 40.1



#74  
N-ethyl acetate  
Concen: 4.817 ug/l  
RT: 12.273 min Scan# 1760  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 43 Resp: 7394  
Ion Ratio Lower Upper  
43 100  
70 42.2 35.9 53.9  
55 27.6 19.4 29.2  
61 23.7 19.3 28.9

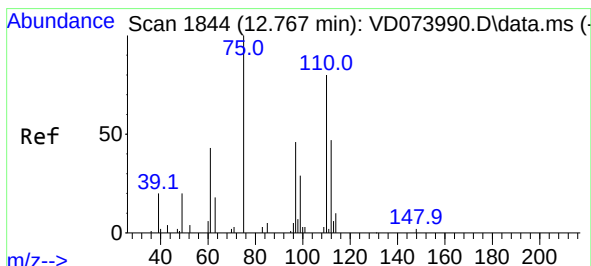
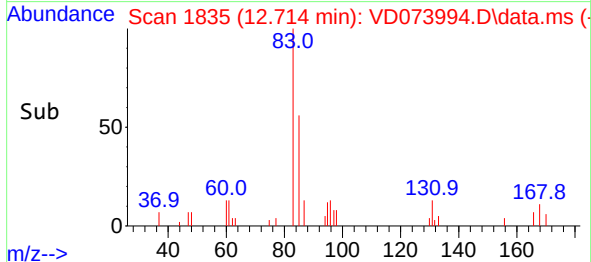
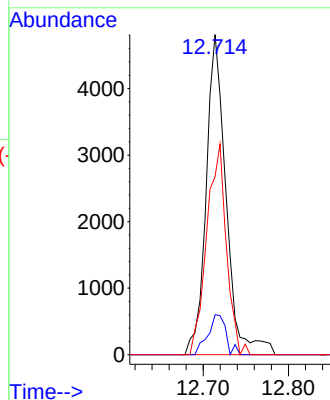
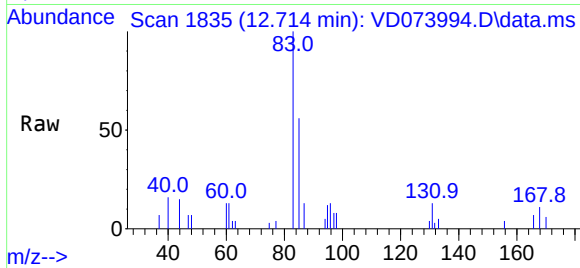




#75  
1,1,2,2-Tetrachloroethane  
Concen: 5.626 ug/l  
RT: 12.714 min Scan# 1835  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

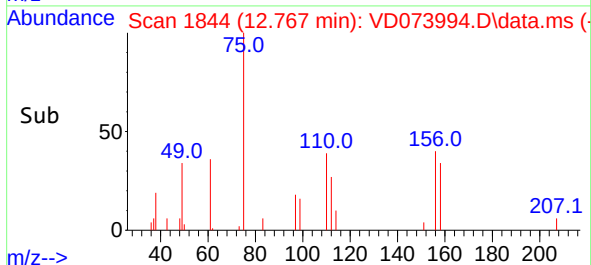
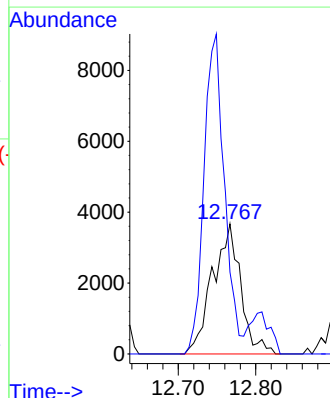
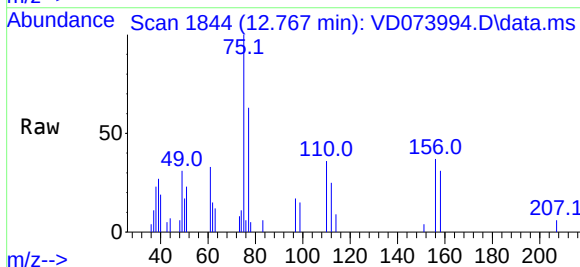
Instrument :  
MSVOA\_D  
ClientSampleId :

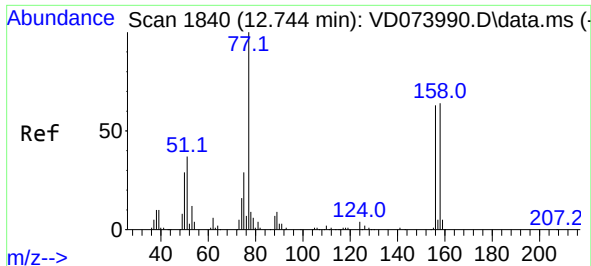
Tgt Ion: 83 Resp: 7820  
Ion Ratio Lower Upper  
83 100  
131 11.3 5.5 16.7  
85 64.8 33.4 100.2



#76  
1,2,3-Trichloropropane  
Concen: 6.494 ug/l  
RT: 12.767 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

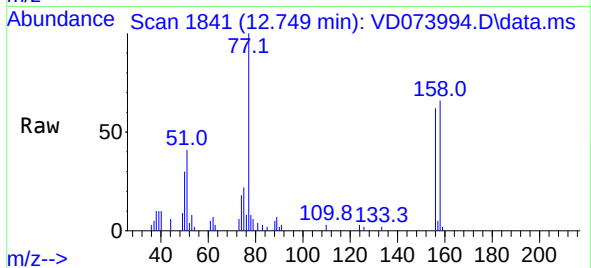
Tgt Ion: 75 Resp: 9254  
Ion Ratio Lower Upper  
75 100  
77 180.1 0.0 0.0#



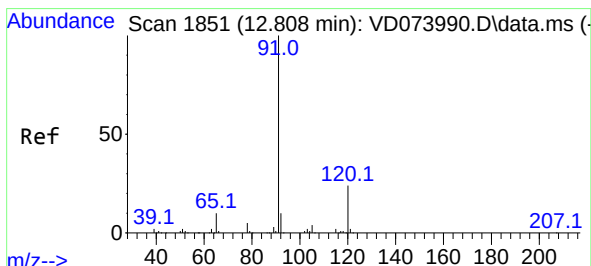
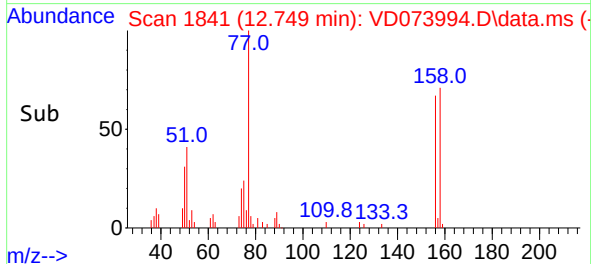
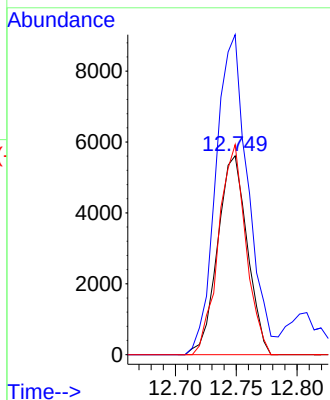


#77  
Bromobenzene  
Concen: 5.459 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. 0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Instrument :  
MSVOA\_D  
ClientSampleId :

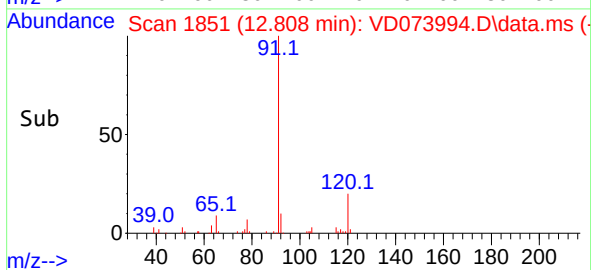
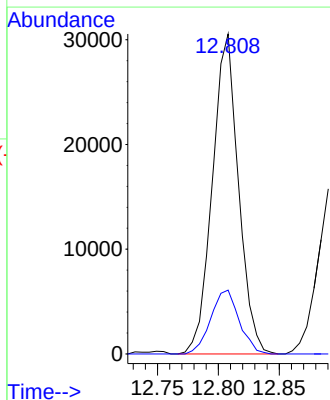
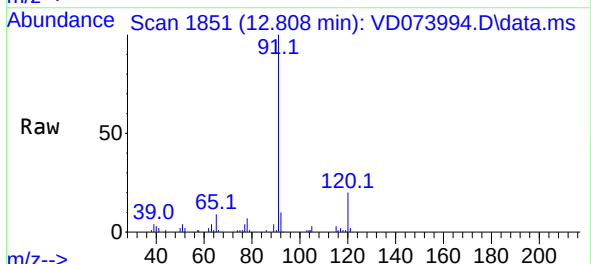


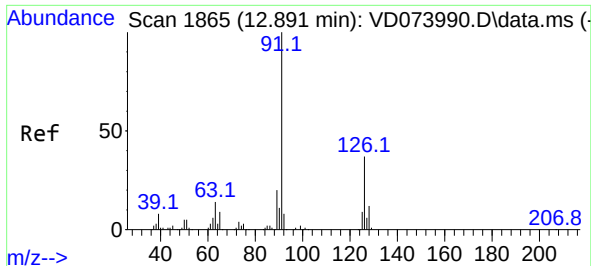
Tgt Ion:156 Resp: 9527  
Ion Ratio Lower Upper  
156 100  
77 174.9 87.5 262.4  
158 97.4 49.6 149.0



#78  
n-propylbenzene  
Concen: 5.230 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 91 Resp: 45579  
Ion Ratio Lower Upper  
91 100  
120 21.8 11.7 35.1

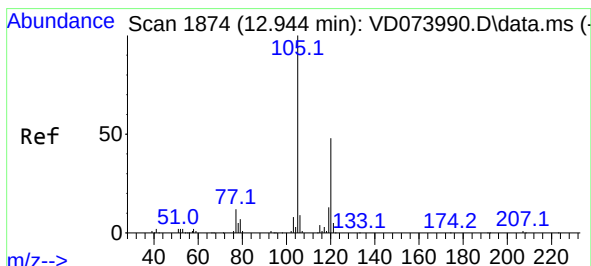
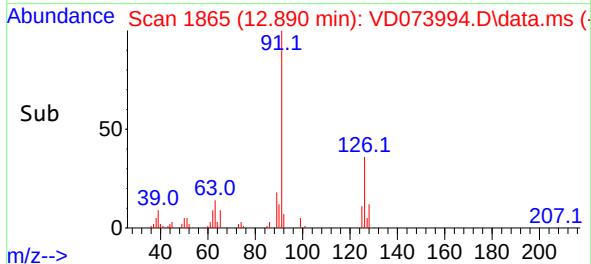
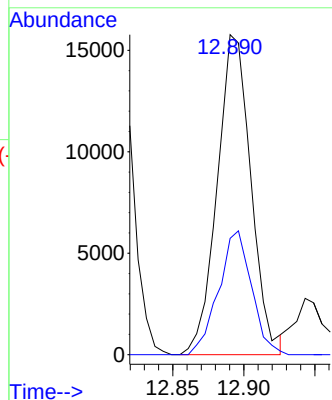
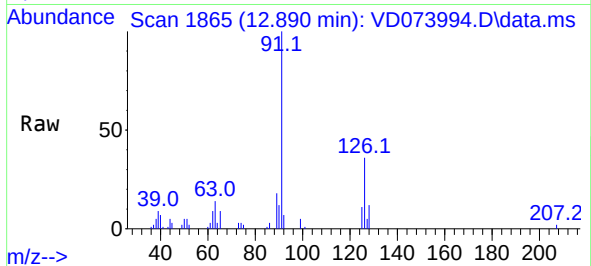




#79  
2-Chlorotoluene  
Concen: 5.255 ug/l  
RT: 12.890 min Scan# 1865  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

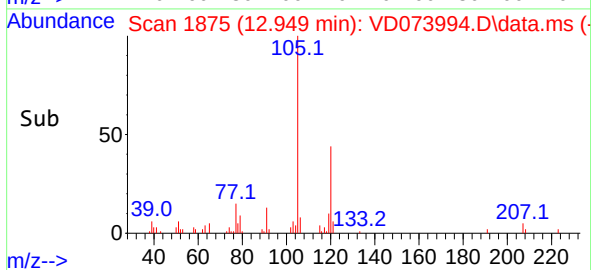
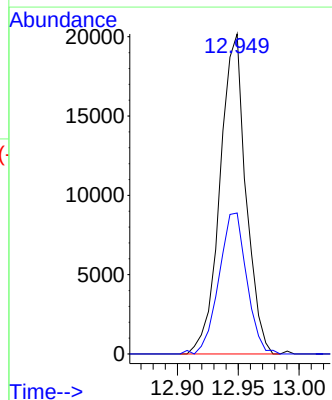
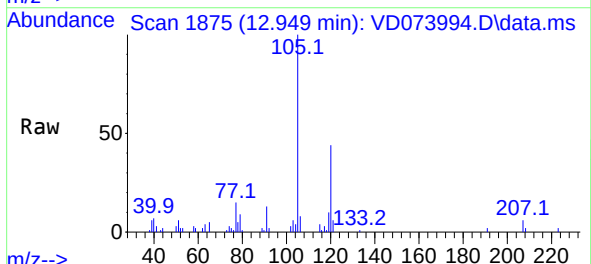
Instrument :  
MSVOA\_D  
ClientSampleId :

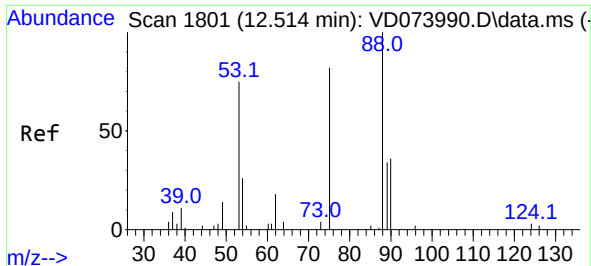
Tgt Ion: 91 Resp: 26100  
Ion Ratio Lower Upper  
91 100  
126 37.8 17.7 53.1



#80  
1,3,5-Trimethylbenzene  
Concen: 4.914 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion: 105 Resp: 29789  
Ion Ratio Lower Upper  
105 100  
120 47.4 24.6 73.6

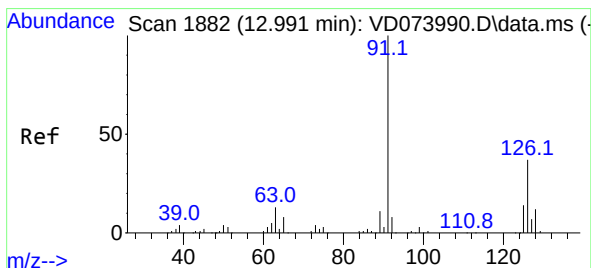
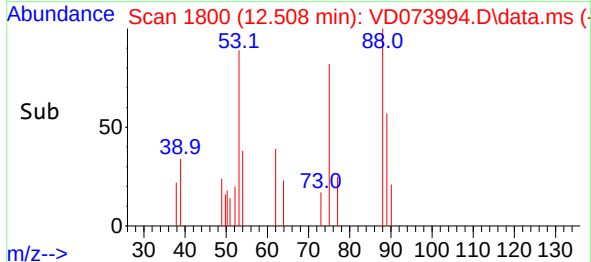
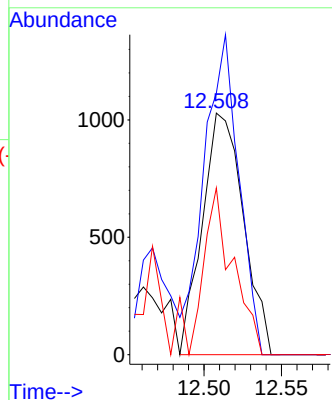
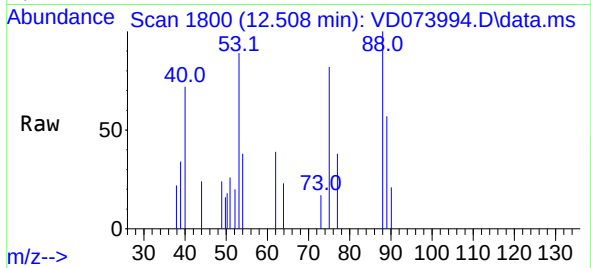




#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.891 ug/l  
RT: 12.508 min Scan# 1800  
Delta R.T. -0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

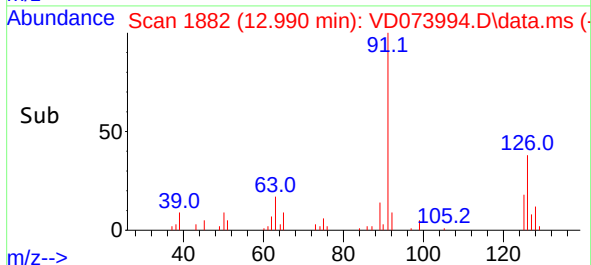
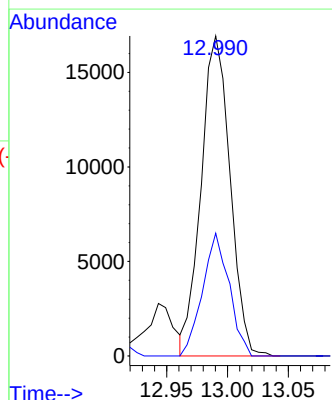
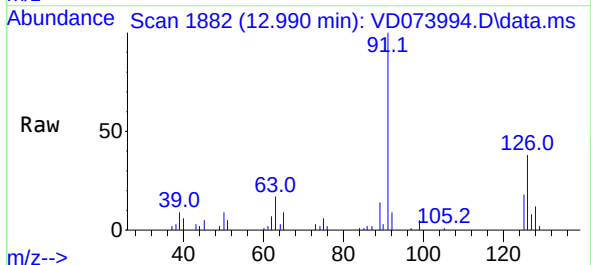
Instrument :  
MSVOA\_D  
ClientSampleId :

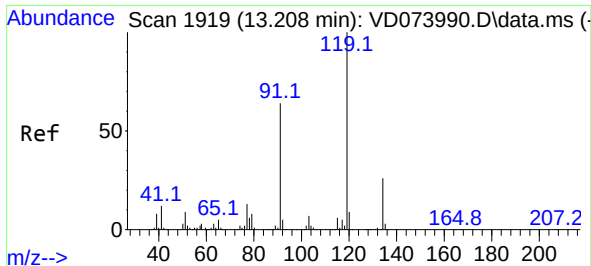
Tgt Ion: 75 Resp: 1902  
Ion Ratio Lower Upper  
75 100  
53 111.3 71.3 106.9#  
89 52.6 38.3 57.5



#82  
4-Chlorotoluene  
Concen: 5.324 ug/l  
RT: 12.990 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

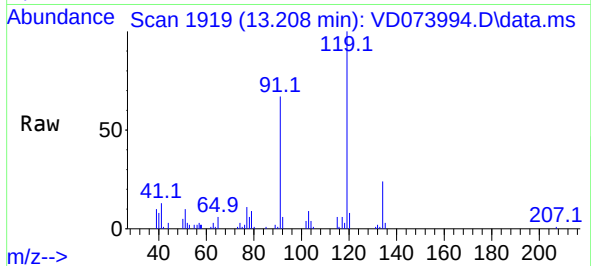
Tgt Ion: 91 Resp: 28087  
Ion Ratio Lower Upper  
91 100  
126 35.1 17.8 53.3



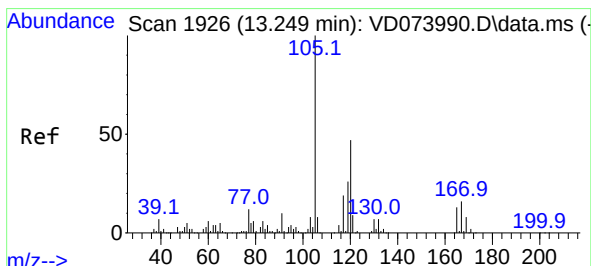
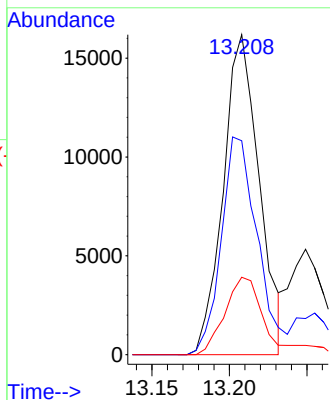
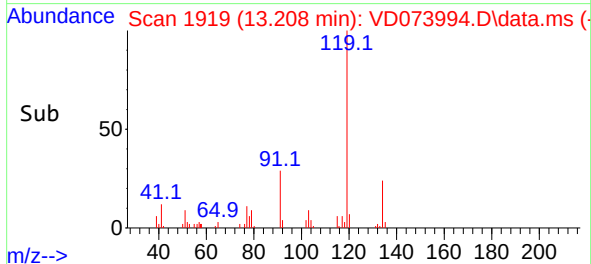


#83  
tert-Butylbenzene  
Concen: 4.989 ug/l  
RT: 13.208 min Scan# 1919  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

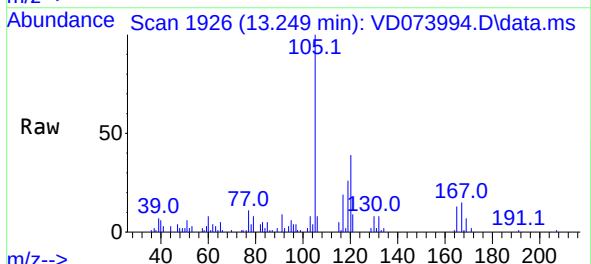
Instrument :  
MSVOA\_D  
ClientSampleId :



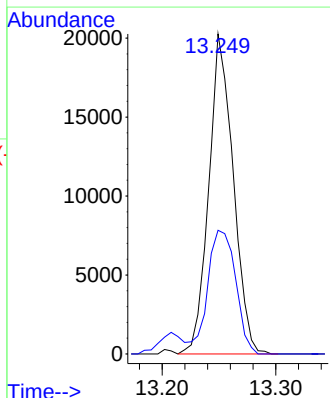
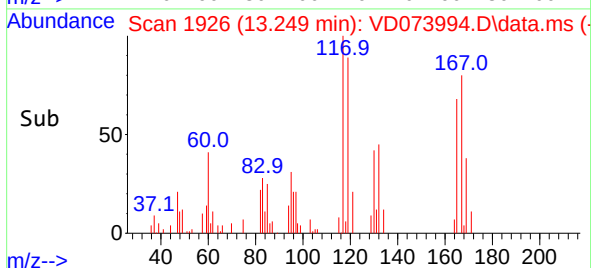
Tgt Ion:119 Resp: 26157  
Ion Ratio Lower Upper  
119 100  
91 68.4 31.8 95.3  
134 27.1 13.5 40.4

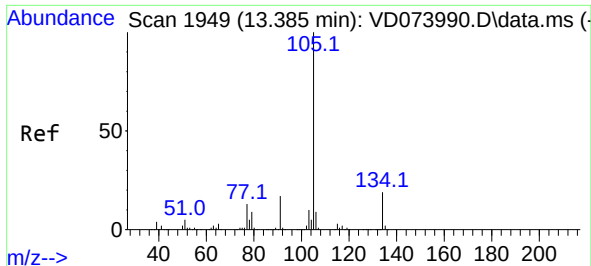


#84  
1,2,4-Trimethylbenzene  
Concen: 4.957 ug/l  
RT: 13.249 min Scan# 1926  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47



Tgt Ion:105 Resp: 30235  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.7 68.0

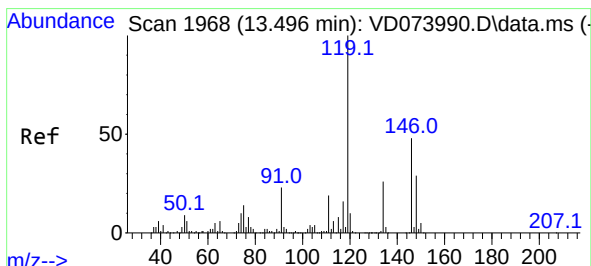
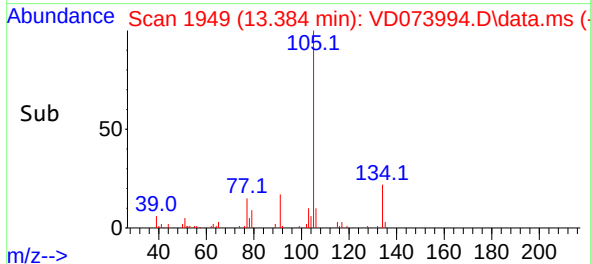
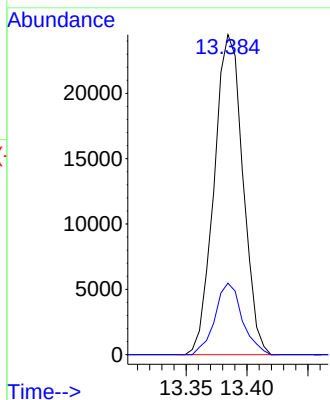
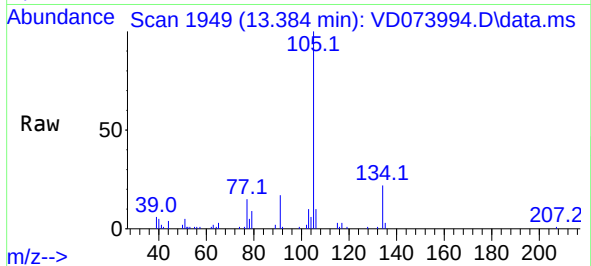




#85  
sec-Butylbenzene  
Concen: 5.043 ug/l  
RT: 13.384 min Scan# 1949  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

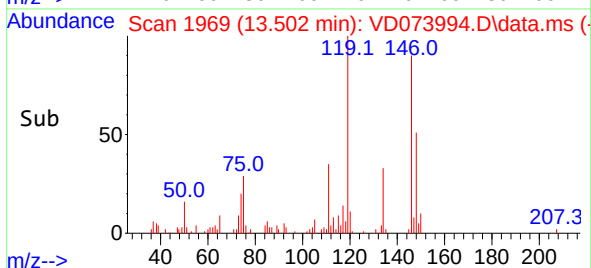
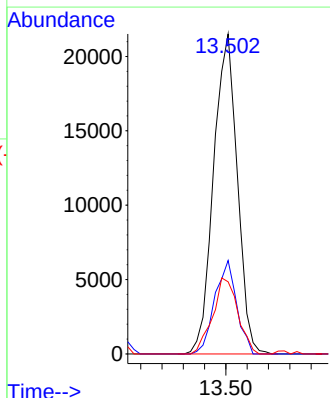
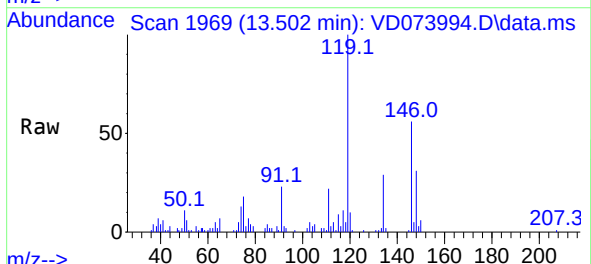
Instrument :  
MSVOA\_D  
ClientSampleId :

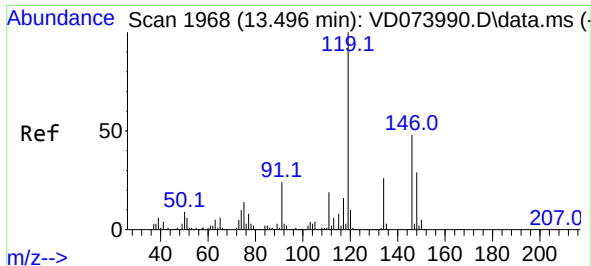
Tgt Ion:105 Resp: 40251  
Ion Ratio Lower Upper  
105 100  
134 21.3 10.1 30.3



#86  
p-Isopropyltoluene  
Concen: 4.933 ug/l  
RT: 13.502 min Scan# 1969  
Delta R.T. 0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion:119 Resp: 33220  
Ion Ratio Lower Upper  
119 100  
134 26.9 13.1 39.3  
91 25.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 5.635 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD073994.D

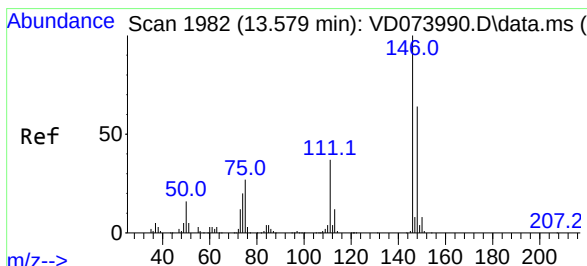
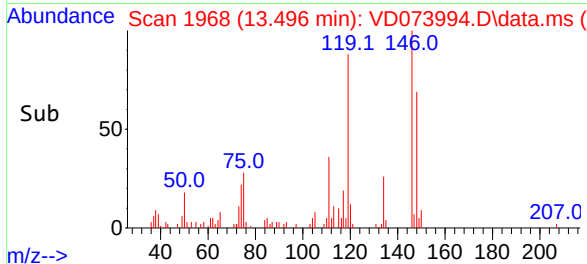
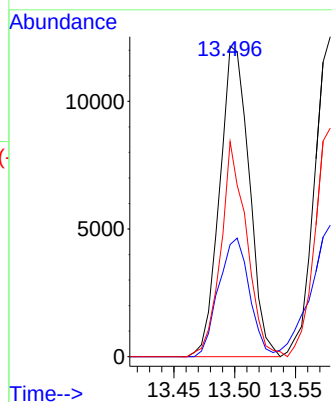
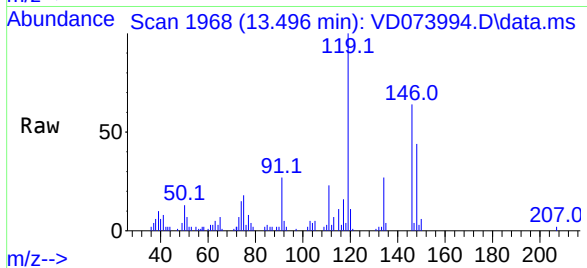
Acq: 09 Aug 2022 13:47

Instrument :

MSVOA\_D

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 20579     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 39.7  | 19.7 59.1 |
| 148         | 60.4  | 31.6 95.0 |



#88

1,4-Dichlorobenzene

Concen: 5.833 ug/l

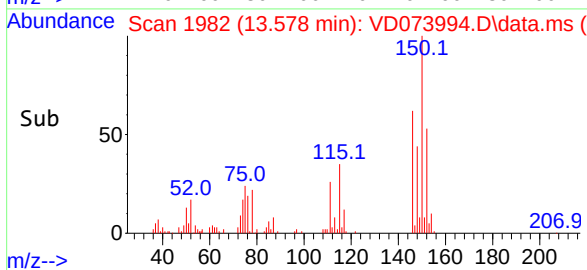
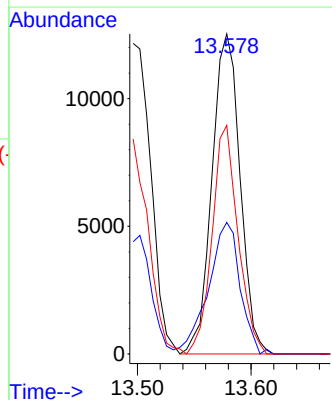
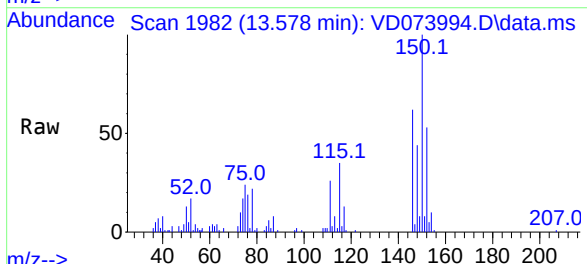
RT: 13.578 min Scan# 1982

Delta R.T. -0.000 min

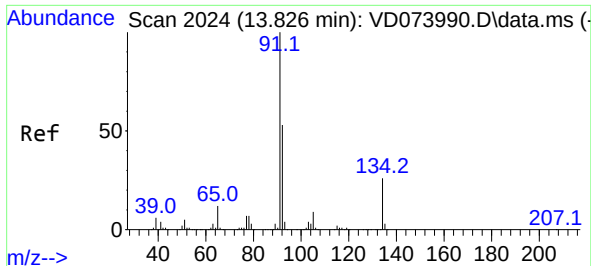
Lab File: VD073994.D

Acq: 09 Aug 2022 13:47

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 21553     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 46.4  | 19.4 58.1 |
| 148         | 65.8  | 31.4 94.0 |



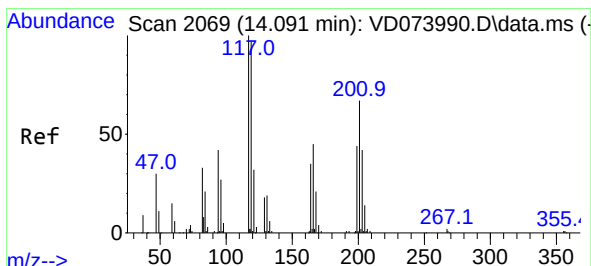
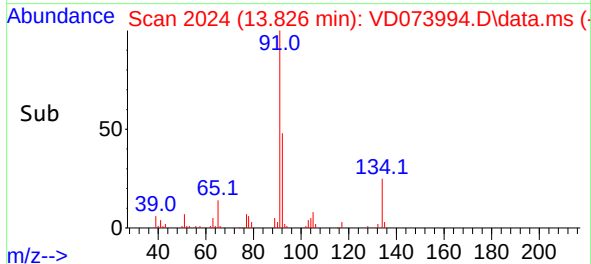
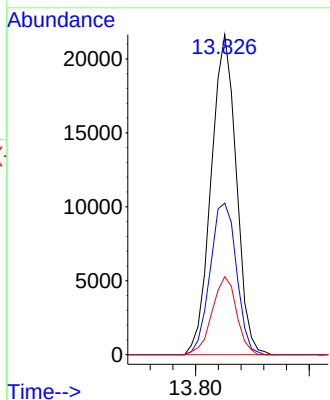
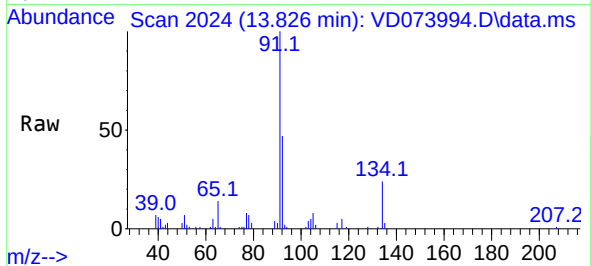




#89  
n-Butylbenzene  
Concen: 5.254 ug/l  
RT: 13.826 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

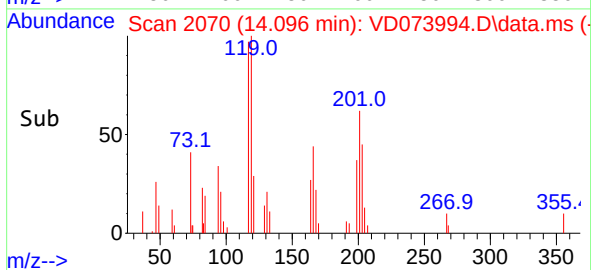
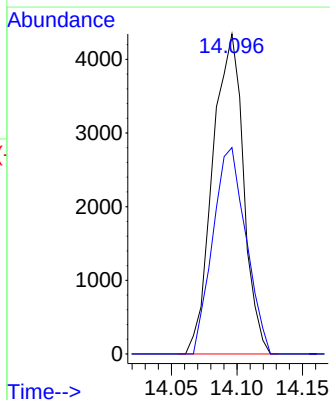
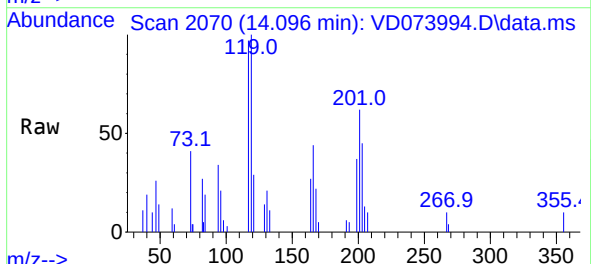
Instrument :  
MSVOA\_D  
ClientSampleId :

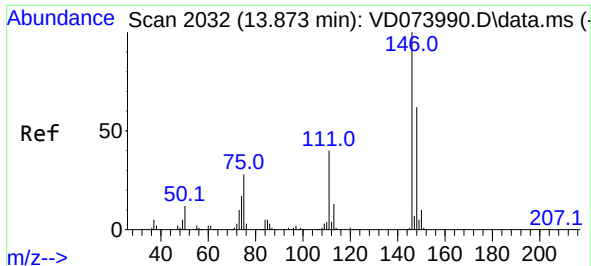
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 33241 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 49.6  | 26.5  | 79.4  |
| 134      | 23.7  | 12.9  | 38.7  |



#90  
Hexachloroethane  
Concen: 5.199 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. 0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 7079  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 69.6  | 34.1  | 102.3 |





#91

1,2-Dichlorobenzene

Concen: 5.332 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073994.D

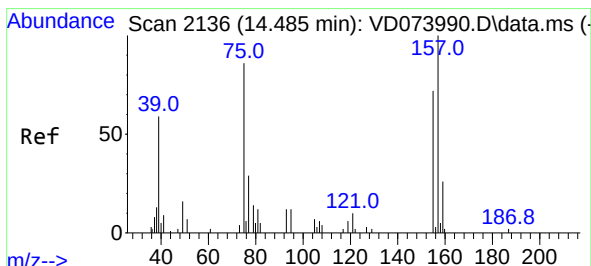
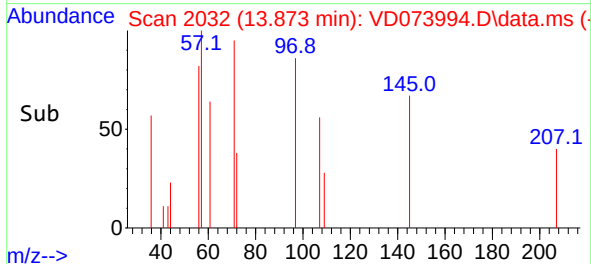
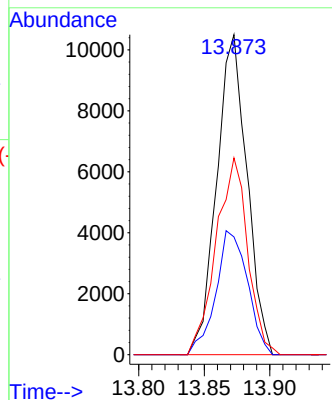
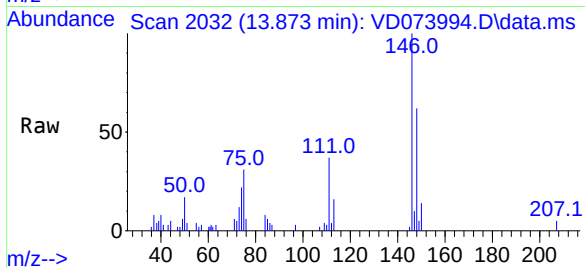
Acq: 09 Aug 2022 13:47

Instrument :

MSVOA\_D

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 16872 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 40.5  | 20.8  | 62.4  |
| 148      | 64.1  | 31.6  | 95.0  |



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.345 ug/l

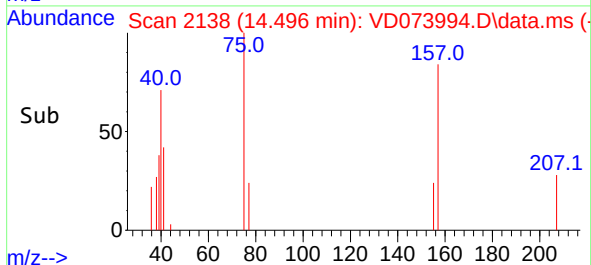
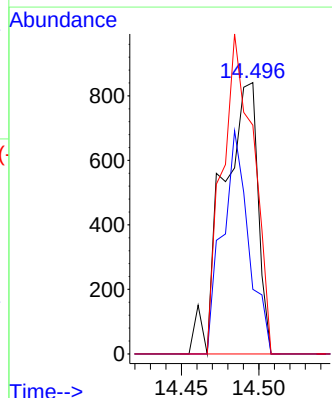
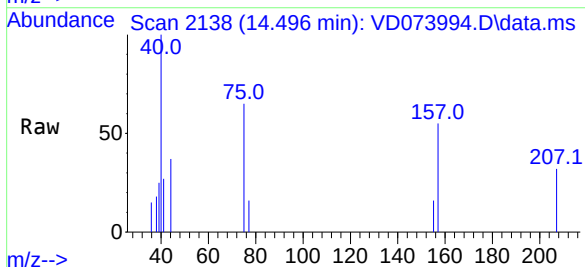
RT: 14.496 min Scan# 2138

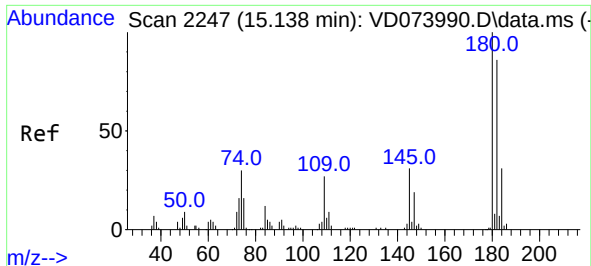
Delta R.T. 0.011 min

Lab File: VD073994.D

Acq: 09 Aug 2022 13:47

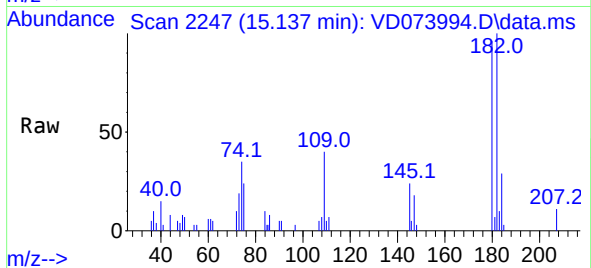
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 1318  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 61.6  | 41.5  | 124.6 |
| 157      | 105.7 | 55.2  | 165.6 |



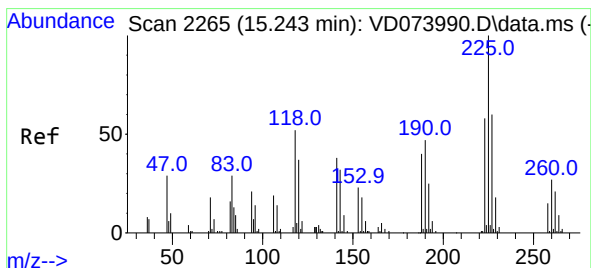
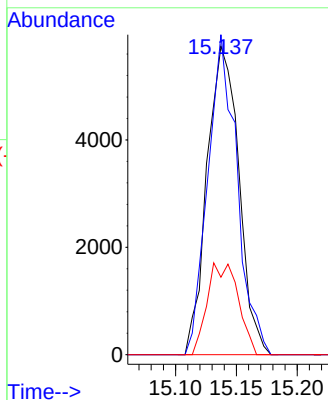
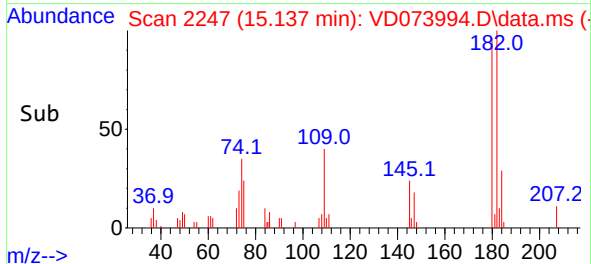


#93  
1,2,4-Trichlorobenzene  
Concen: 5.485 ug/l  
RT: 15.137 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

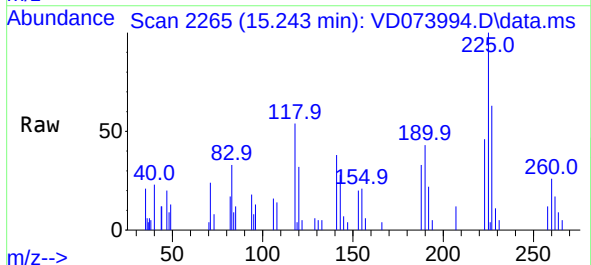
Instrument :  
MSVOA\_D  
ClientSampleId :



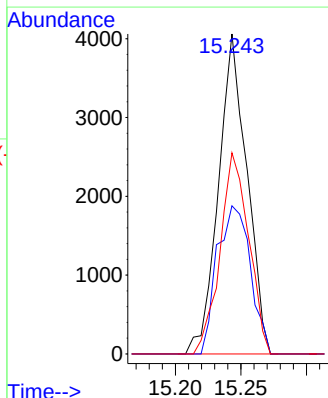
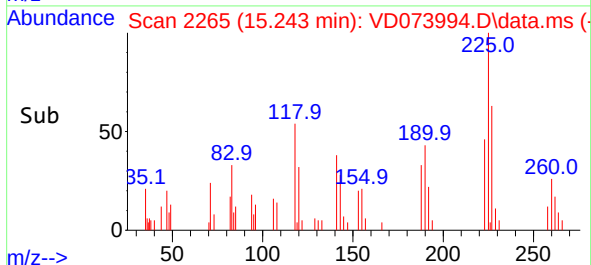
Tgt Ion:180 Resp: 10483  
Ion Ratio Lower Upper  
180 100  
182 94.7 47.0 141.0  
145 28.7 16.2 48.6

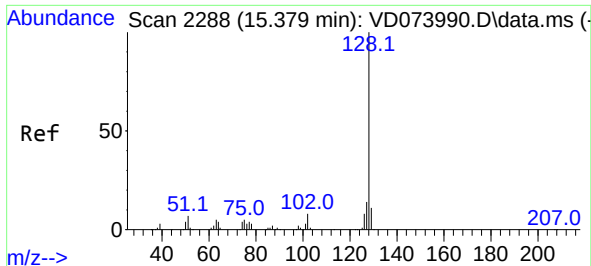


#94  
Hexachlorobutadiene  
Concen: 5.714 ug/l  
RT: 15.243 min Scan# 2265  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47



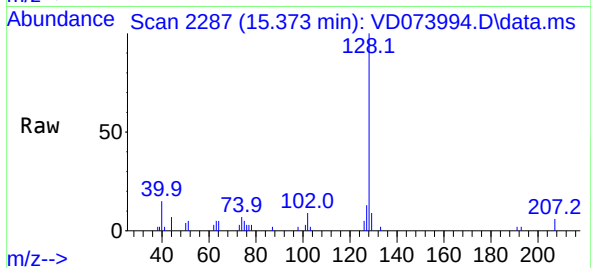
Tgt Ion:225 Resp: 6133  
Ion Ratio Lower Upper  
225 100  
223 53.9 30.7 92.1  
227 63.3 30.6 91.8



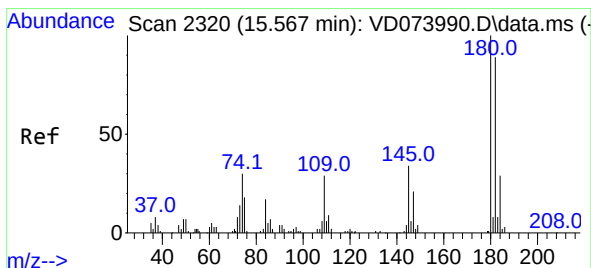
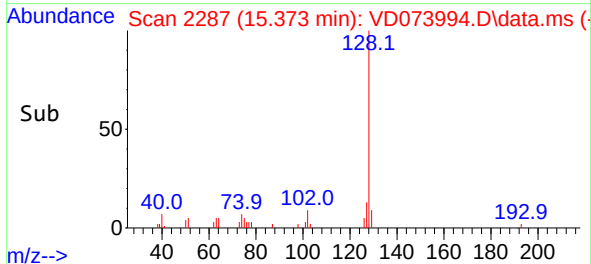
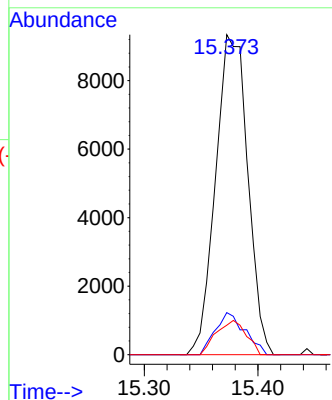


#95  
Naphthalene  
Concen: 5.093 ug/l  
RT: 15.373 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Instrument :  
MSVOA\_D  
ClientSampleId :



Tgt Ion:128 Resp: 18338  
Ion Ratio Lower Upper  
128 100  
127 12.1 10.6 15.8  
129 10.0 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 5.483 ug/l  
RT: 15.567 min Scan# 2320  
Delta R.T. -0.000 min  
Lab File: VD073994.D  
Acq: 09 Aug 2022 13:47

Tgt Ion:180 Resp: 9456  
Ion Ratio Lower Upper  
180 100  
182 93.8 46.2 138.5  
145 29.9 16.8 50.4

