

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121121\  
 Data File : VD071263.D  
 Acq On : 11 Dec 2021 11:20  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Dec 12 17:49:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D112921S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 29 17:54:09 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.973  | 168   | 244261   | 50.000   | ug/l   | -0.01    |
| 34) 1,4-Difluorobenzene      | 8.855  | 114   | 408205   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638 | 117   | 374874   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.567 | 152   | 186833   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.326  | 65    | 142069   | 49.568   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 99.140%  |
| 35) Dibromofluoromethane     | 7.908  | 113   | 130902   | 50.358   | ug/l   | -0.01    |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 100.720% |
| 50) Toluene-d8               | 10.332 | 98    | 464175   | 46.924   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 93.840%  |
| 62) 4-Bromofluorobenzene     | 12.620 | 95    | 174306   | 50.834   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 101.660% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.991  | 85    | 90571    | 43.481   | ug/l   | 98       |
| 3) Chloromethane             | 2.209  | 50    | 143310   | 52.005   | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.350  | 62    | 171198   | 55.684   | ug/l   | 99       |
| 5) Bromomethane              | 2.768  | 94    | 119566   | 53.949   | ug/l   | 96       |
| 6) Chloroethane              | 2.926  | 64    | 122233   | 57.805   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.273  | 101   | 206107   | 49.487   | ug/l   | 97       |
| 8) Diethyl Ether             | 3.709  | 74    | 57235    | 50.692   | ug/l   | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097  | 101   | 124885   | 50.825   | ug/l   | 94       |
| 10) Methyl Iodide            | 4.303  | 142   | 118015   | 42.107   | ug/l   | 94       |
| 11) Tert butyl alcohol       | 5.203  | 59    | 27056    | 103.067  | ug/l # | 87       |
| 12) 1,1-Dichloroethene       | 4.073  | 96    | 108574   | 47.881   | ug/l   | 83       |
| 13) Acrolein                 | 3.920  | 56    | 33426    | 170.662  | ug/l   | 97       |
| 14) Allyl chloride           | 4.714  | 41    | 219220   | 50.897   | ug/l # | 81       |
| 15) Acrylonitrile            | 5.420  | 53    | 153941   | 280.348  | ug/l   | 94       |
| 16) Acetone                  | 4.156  | 43    | 202669   | 264.290  | ug/l # | 88       |
| 17) Carbon Disulfide         | 4.409  | 76    | 287962   | 43.374   | ug/l   | 97       |
| 18) Methyl Acetate           | 4.709  | 43    | 115066   | 54.413   | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 5.473  | 73    | 292897   | 52.706   | ug/l   | 97       |
| 20) Methylene Chloride       | 4.967  | 84    | 145261   | 50.246   | ug/l   | 93       |
| 21) trans-1,2-Dichloroethene | 5.473  | 96    | 130225   | 51.018   | ug/l   | 91       |
| 22) Diisopropyl ether        | 6.361  | 45    | 467646   | 54.192   | ug/l   | 95       |
| 23) Vinyl Acetate            | 6.303  | 43    | 1142163  | 245.325  | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 6.261  | 63    | 261424   | 52.670   | ug/l   | 98       |
| 25) 2-Butanone               | 7.203  | 43    | 223904   | 254.191  | ug/l # | 87       |
| 26) 2,2-Dichloropropane      | 7.203  | 77    | 219922   | 48.726   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 7.208  | 96    | 153149   | 53.034   | ug/l   | 93       |
| 28) Bromochloromethane       | 7.544  | 49    | 113215   | 52.516   | ug/l   | 88       |
| 29) Tetrahydrofuran          | 7.561  | 42    | 129195   | 283.875  | ug/l   | 93       |
| 30) Chloroform               | 7.703  | 83    | 269913   | 54.185   | ug/l   | 98       |
| 31) Cyclohexane              | 7.979  | 56    | 222292   | 45.596   | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 7.903  | 97    | 236774   | 52.942   | ug/l # | 94       |
| 36) 1,1-Dichloropropene      | 8.108  | 75    | 195887   | 51.344   | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.285  | 43    | 90105    | 54.674   | ug/l   | 94       |
| 38) Carbon Tetrachloride     | 8.091  | 117   | 204161   | 54.286   | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.350  | 83    | 217661   | 47.433   | ug/l   | 99       |
| 40) Benzene                  | 8.350  | 78    | 541999   | 52.300   | ug/l   | 98       |

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

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Dec 12 17:49:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D112921S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 29 17:54:09 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 54668    | 64.391   | ug/l # | 81       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 176962   | 55.942   | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 181920   | 50.149   | ug/l   | 90       |
| 44) Trichloroethene           | 9.108  | 130  | 142066   | 51.416   | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 148371   | 54.441   | ug/l   | 97       |
| 46) Dibromomethane            | 9.473  | 93   | 77331    | 54.692   | ug/l   | 93       |
| 47) Bromodichloromethane      | 9.655  | 83   | 207840   | 55.582   | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.450  | 41   | 86384    | 53.549   | ug/l # | 81       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 16950    | 1241.853 | ug/l # | 93       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 479926   | 257.239  | ug/l   | 90       |
| 52) Toluene                   | 10.397 | 92   | 350224   | 53.263   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 190118   | 55.299   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 217190   | 53.184   | ug/l # | 80       |
| 55) 1,1,2-Trichloroethane     | 10.796 | 97   | 103731   | 55.923   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 131722   | 49.408   | ug/l # | 75       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 185472   | 56.919   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 339275   | 268.793  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.979 | 43   | 354836   | 252.933  | ug/l   | 88       |
| 60) Dibromochloromethane      | 11.132 | 129  | 132388   | 57.427   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 99461    | 55.832   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.873 | 164  | 116088   | 48.779   | ug/l   | 96       |
| 65) Chlorobenzene             | 11.667 | 112  | 365835   | 52.596   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 140593   | 55.360   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.738 | 91   | 690556   | 52.739   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.849 | 106  | 522583   | 105.713  | ug/l   | 96       |
| 69) o-Xylene                  | 12.173 | 106  | 246469   | 53.048   | ug/l   | 98       |
| 70) Styrene                   | 12.185 | 104  | 425203   | 54.301   | ug/l   | 97       |
| 71) Bromoform                 | 12.349 | 173  | 75360    | 57.278   | ug/l   | 98       |
| 73) Isopropylbenzene          | 12.473 | 105  | 666106   | 49.238   | ug/l   | 98       |
| 74) N-amyl acetate            | 12.279 | 43   | 168833   | 46.087   | ug/l   | 89       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 120254   | 53.978   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 156126   | 87.708   | ug/l # | 1        |
| 77) Bromobenzene              | 12.755 | 156  | 144122   | 49.185   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.814 | 91   | 839932   | 49.856   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 459642   | 48.611   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 552669   | 49.542   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 34354    | 45.701   | ug/l # | 78       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 480963   | 48.995   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 477476   | 49.838   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.261 | 105  | 551053   | 50.596   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.390 | 105  | 732901   | 50.086   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 612803   | 51.203   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.508 | 146  | 300075   | 51.444   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 297230   | 51.433   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.832 | 91   | 586672   | 50.216   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.096 | 117  | 118663   | 52.304   | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 13.879 | 146  | 256487   | 51.707   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.490 | 75   | 18384    | 50.672   | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.149 | 180  | 156713   | 50.648   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 84742    | 48.405   | ug/l   | 99       |
| 95) Naphthalene               | 15.384 | 128  | 289661   | 53.105   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 136022   | 51.759   | ug/l   | 99       |

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Acq On : 11 Dec 2021 11:20  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 1 Sample Multiplier: 1

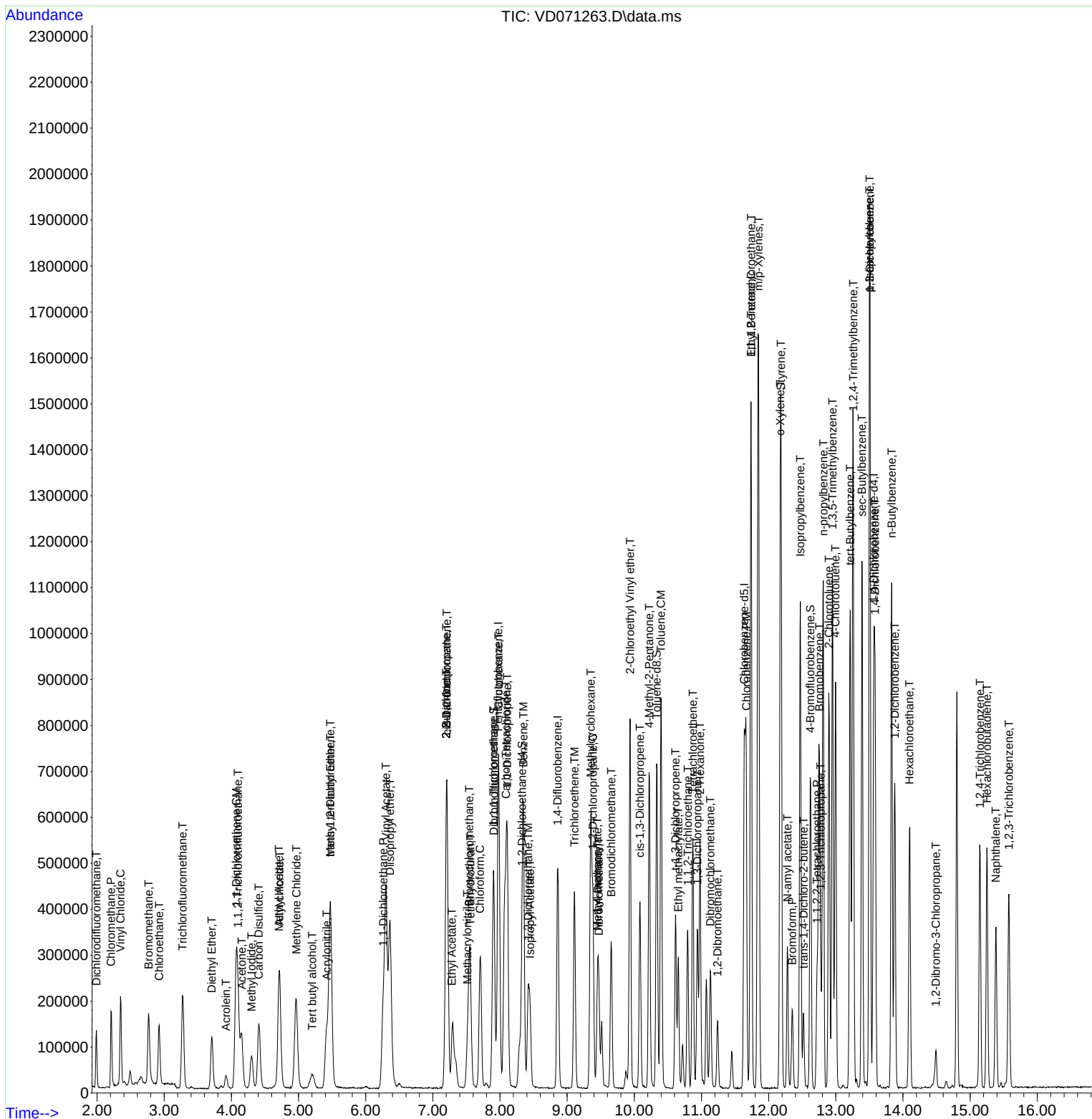
Instrument :  
MSVOA\_D  
ClientSampleId :

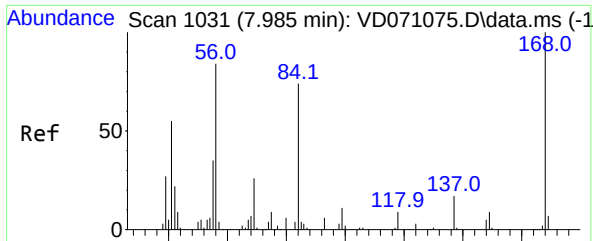
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D112921S.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 29 17:54:09 2021  
Response via : Initial Calibration

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

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

Quant Time: Dec 12 17:49:25 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D112921S.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 29 17:54:09 2021  
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 10

Delta R.T. -0.012 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA\_D

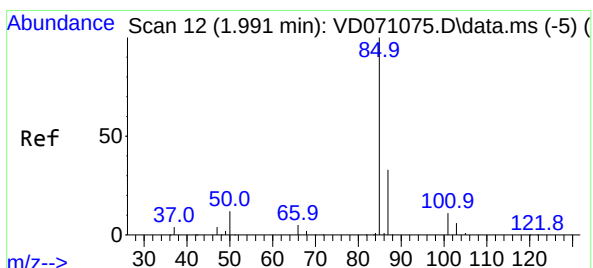
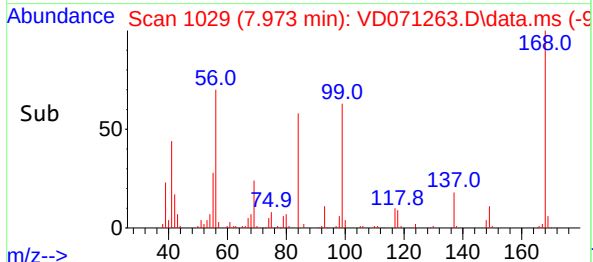
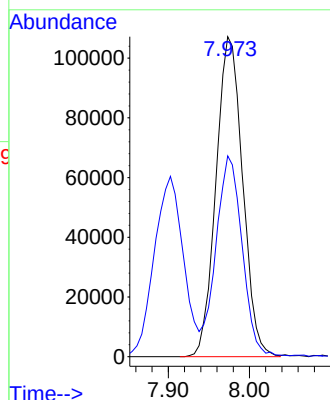
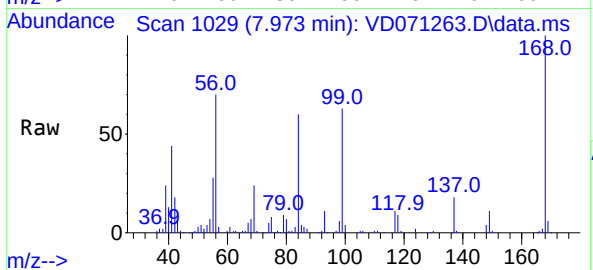
ClientSampleId :

Tgt Ion:168 Resp: 244261

Ion Ratio Lower Upper

168 100

99 62.3 46.6 69.8



Dichlorodifluoromethane

Concen: 43.481 ug/l

RT: 1.991 min Scan# 12

Delta R.T. 0.000 min

Lab File: VD071263.D

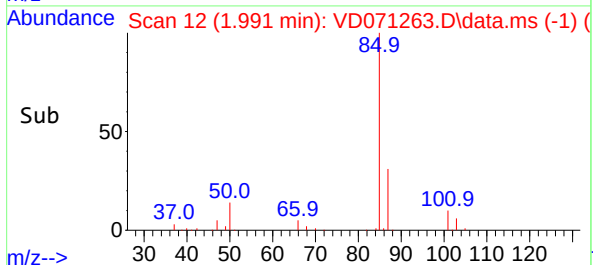
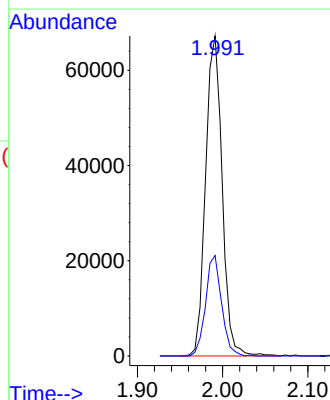
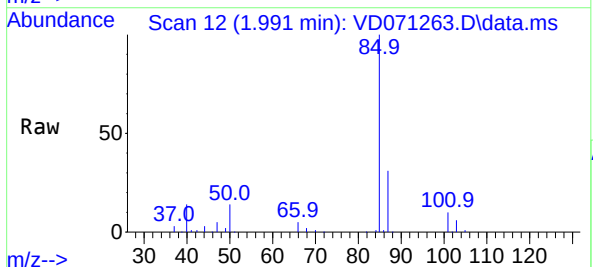
Acq: 11 Dec 2021 11:20

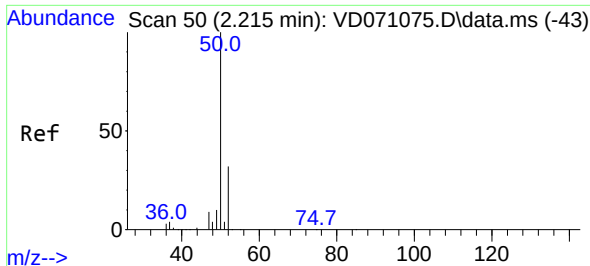
Tgt Ion: 85 Resp: 90571

Ion Ratio Lower Upper

85 100

87 31.4 15.2 45.6

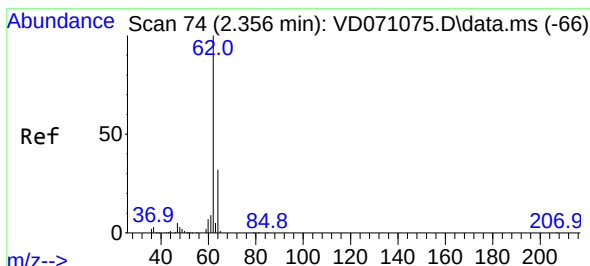
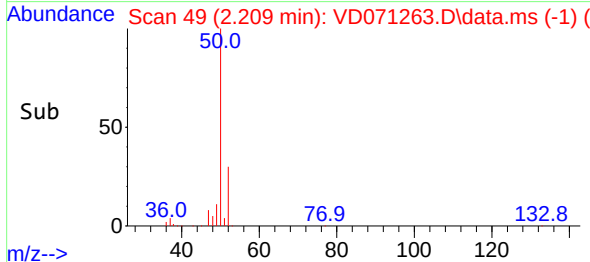
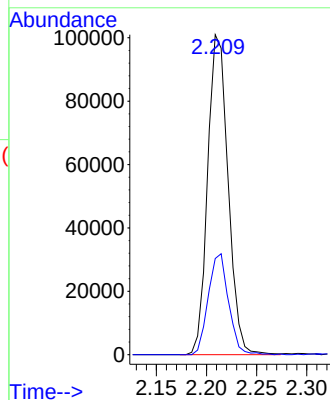
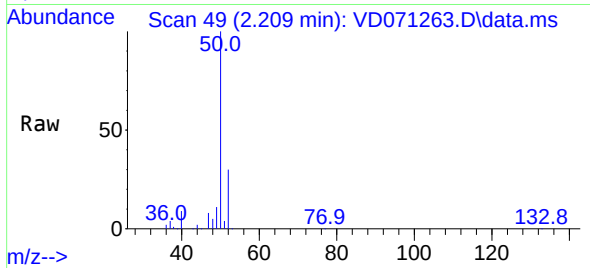




#3  
Chloromethane  
Concen: 52.005 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

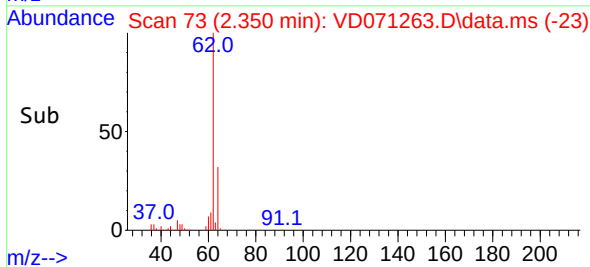
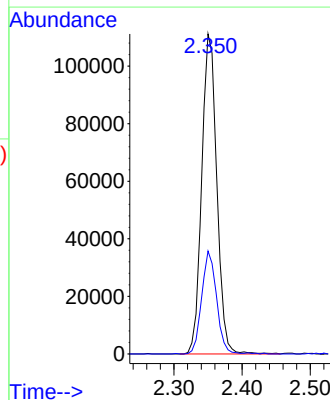
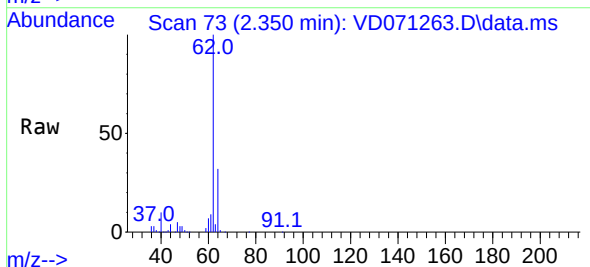
Instrument :  
MSVOA\_D  
ClientSampleId :

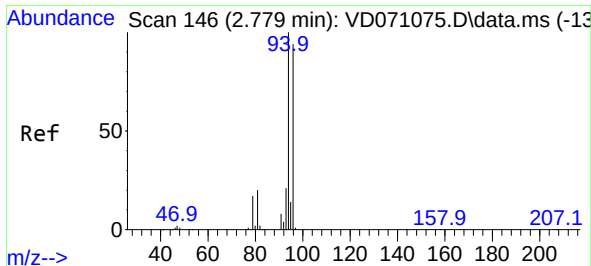
Tgt Ion: 50 Resp: 143310  
Ion Ratio Lower Upper  
50 100  
52 30.0 25.8 38.8



#4  
Vinyl Chloride  
Concen: 55.684 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

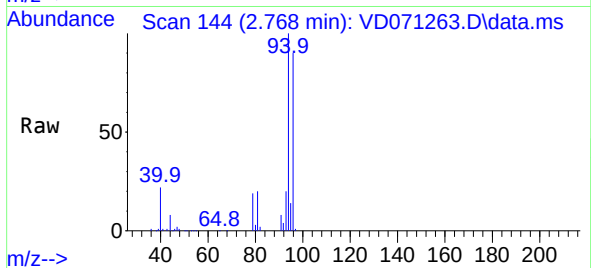
Tgt Ion: 62 Resp: 171198  
Ion Ratio Lower Upper  
62 100  
64 32.1 26.0 39.0



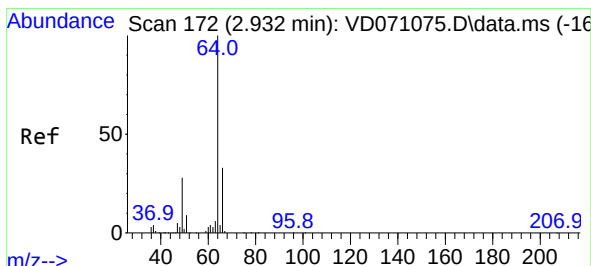
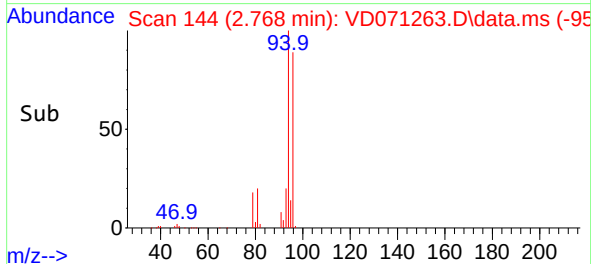
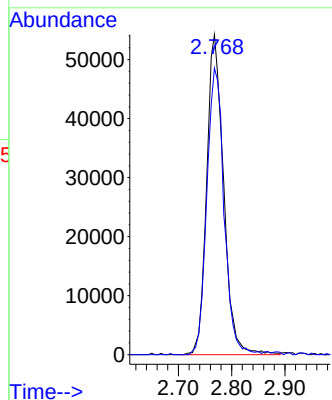


#5  
Bromomethane  
Concen: 53.949 ug/l  
RT: 2.768 min Scan# 146  
Delta R.T. -0.011 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Instrument :  
MSVOA\_D  
ClientSampleId :

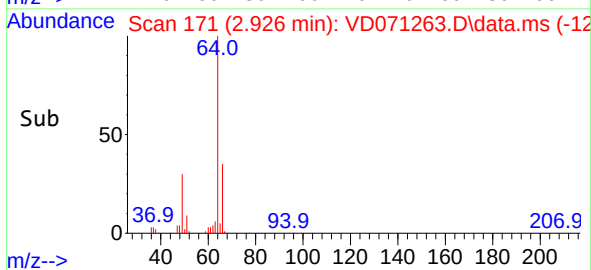
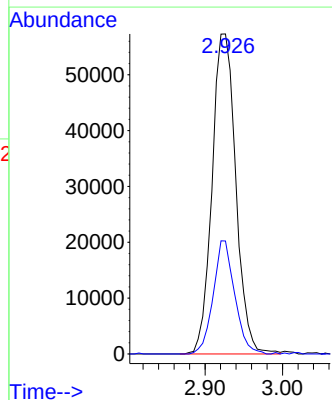
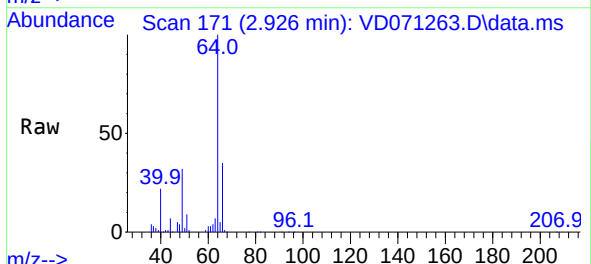


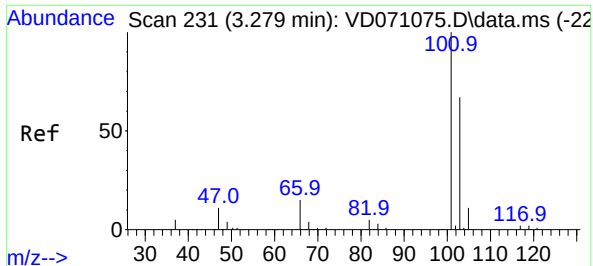
Tgt Ion: 94 Resp: 119566  
Ion Ratio Lower Upper  
94 100  
96 89.6 74.8 112.2



#6  
Chloroethane  
Concen: 57.805 ug/l  
RT: 2.926 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 64 Resp: 122233  
Ion Ratio Lower Upper  
64 100  
66 35.3 29.0 43.4

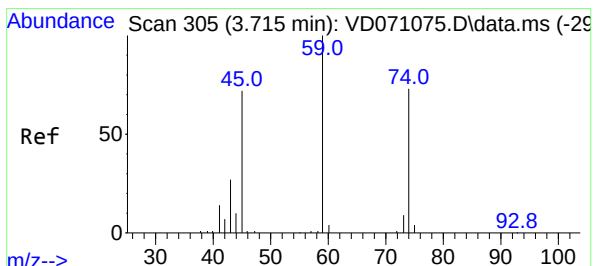
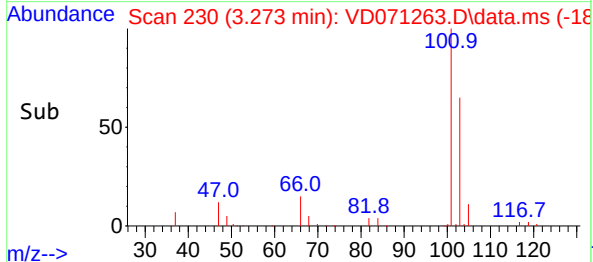
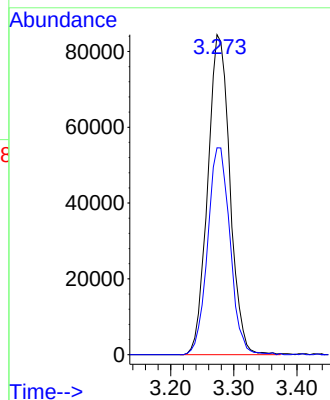
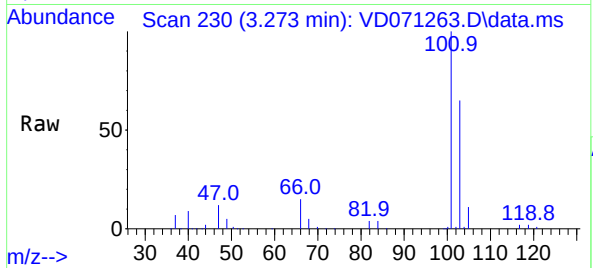




#7  
Trichlorofluoromethane  
Concen: 49.487 ug/l  
RT: 3.273 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

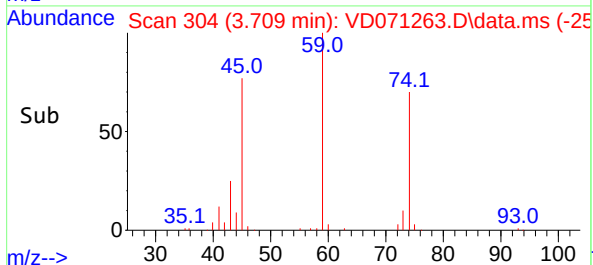
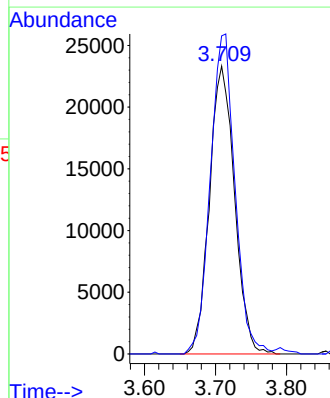
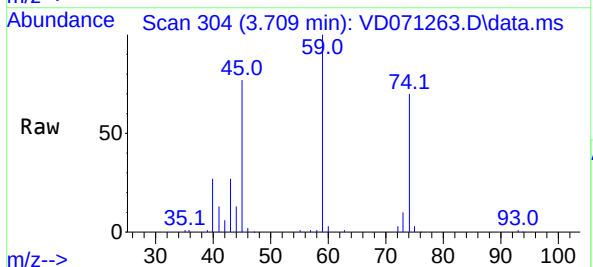
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:101 Resp: 206107  
Ion Ratio Lower Upper  
101 100  
103 64.7 49.7 74.5

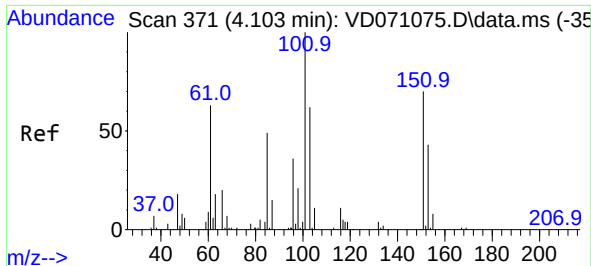


#8  
Diethyl Ether  
Concen: 50.692 ug/l  
RT: 3.709 min Scan# 304  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 74 Resp: 57235  
Ion Ratio Lower Upper  
74 100  
45 109.0 49.6 149.0



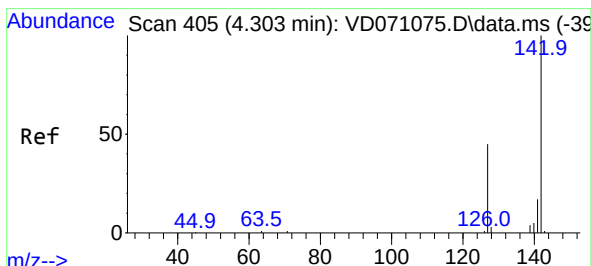
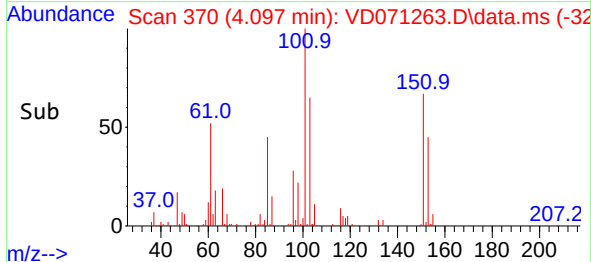
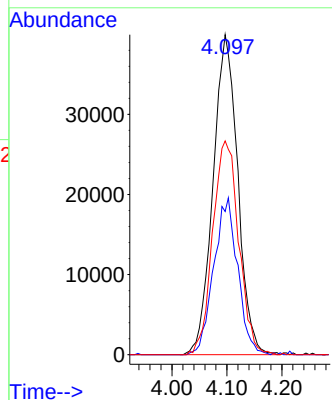
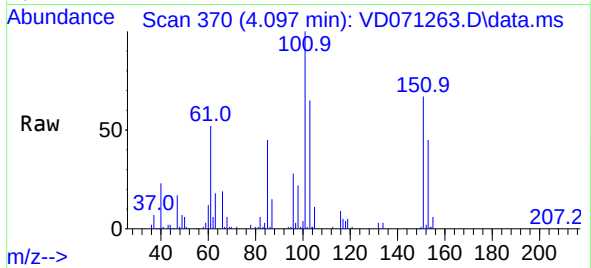




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.825 ug/l  
RT: 4.097 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

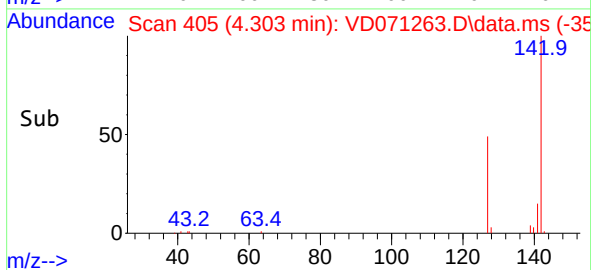
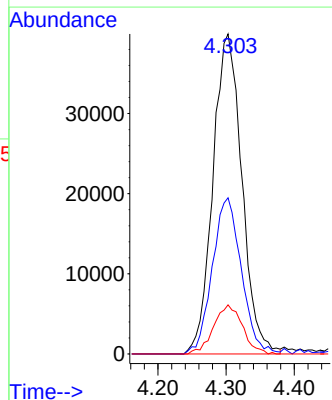
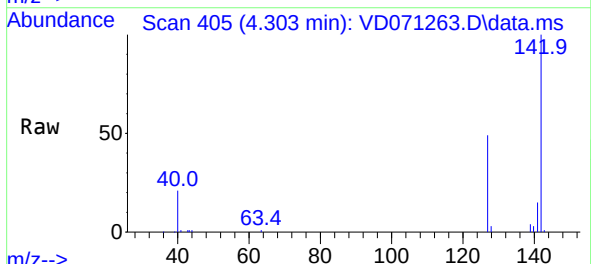
Instrument :  
MSVOA\_D  
ClientSampleId :

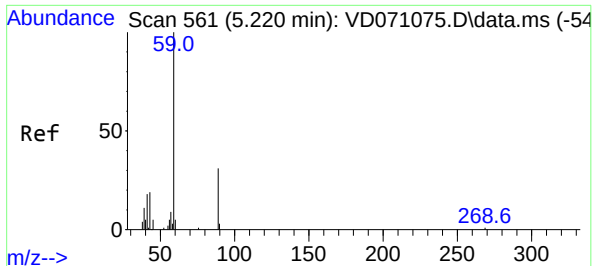
Tgt Ion:101 Resp: 124885  
Ion Ratio Lower Upper  
101 100  
85 47.4 34.8 52.2  
151 70.4 60.4 90.6



#10  
Methyl Iodide  
Concen: 42.107 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion:142 Resp: 118015  
Ion Ratio Lower Upper  
142 100  
127 49.0 35.0 52.4  
141 15.3 12.0 18.0

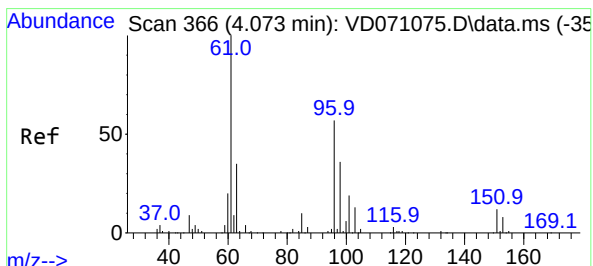
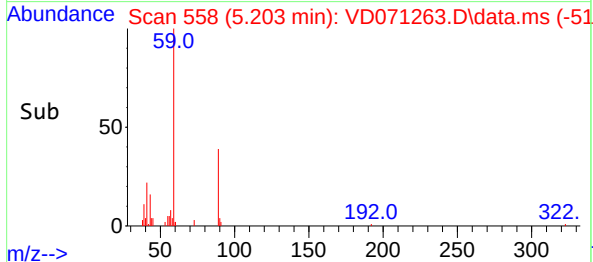
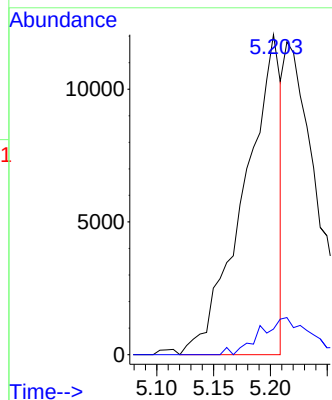
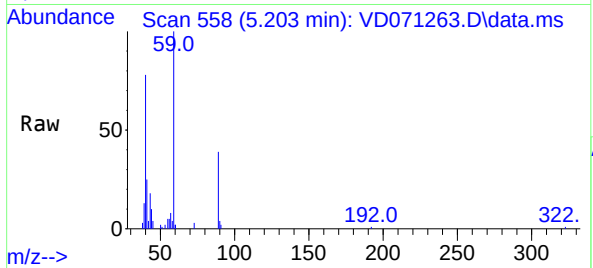




#11  
Tert butyl alcohol  
Concen: 103.067 ug/l  
RT: 5.203 min Scan# 51  
Delta R.T. -0.017 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

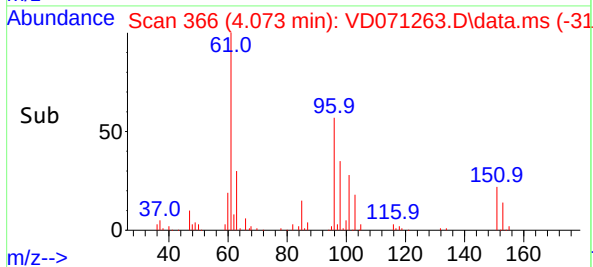
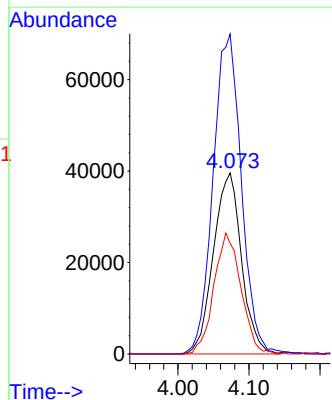
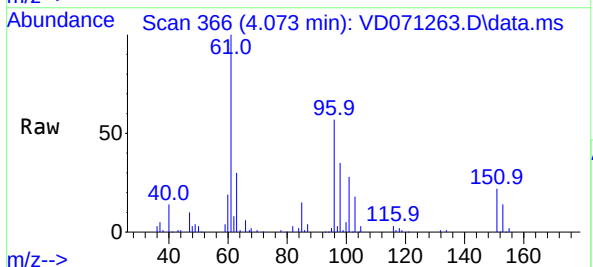
Instrument :  
MSVOA\_D  
ClientSampleId :

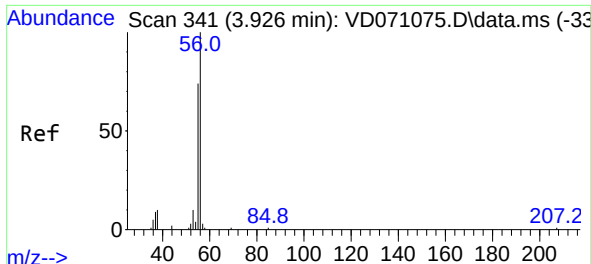
Tgt Ion: 59 Resp: 27056  
Ion Ratio Lower Upper  
59 100  
57 16.1 9.0 13.4#



#12  
1,1-Dichloroethene  
Concen: 47.881 ug/l  
RT: 4.073 min Scan# 366  
Delta R.T. 0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 96 Resp: 108574  
Ion Ratio Lower Upper  
96 100  
61 176.8 120.3 180.5  
98 61.2 54.4 81.6

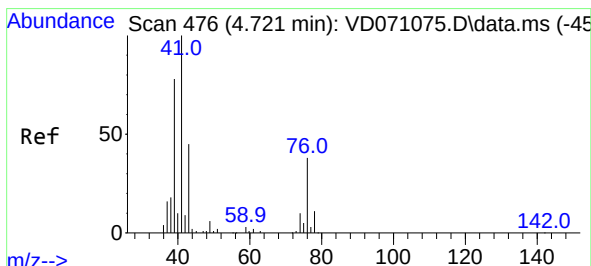
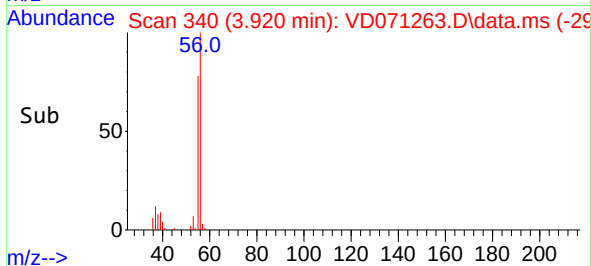
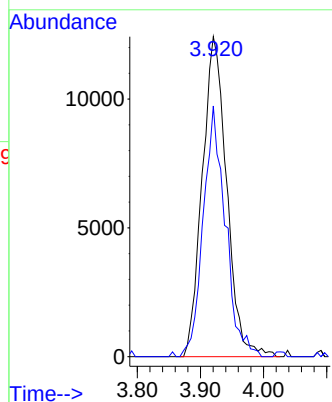
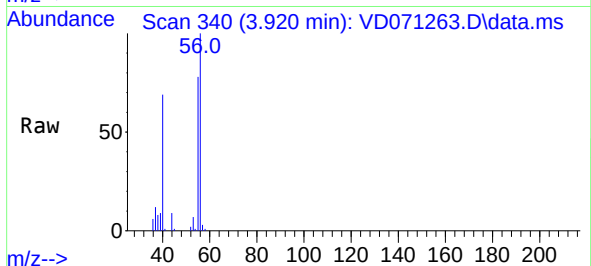




#13  
Acrolein  
Concen: 170.662 ug/l  
RT: 3.920 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

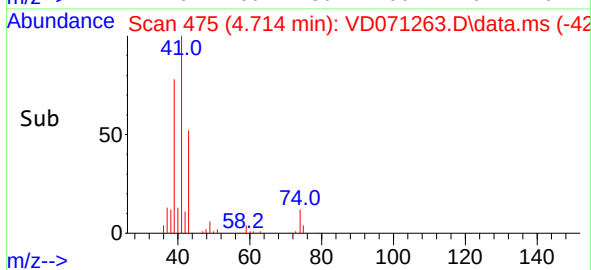
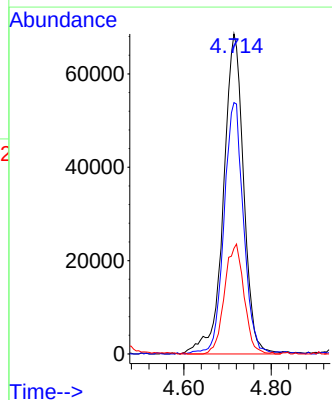
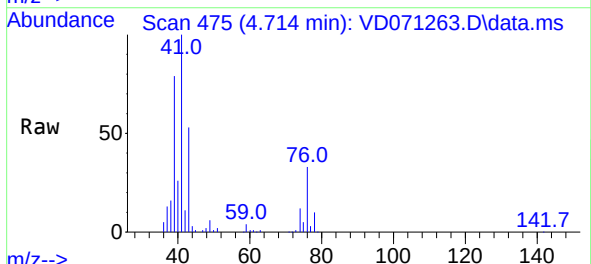
Instrument :  
MSVOA\_D  
ClientSampleId :

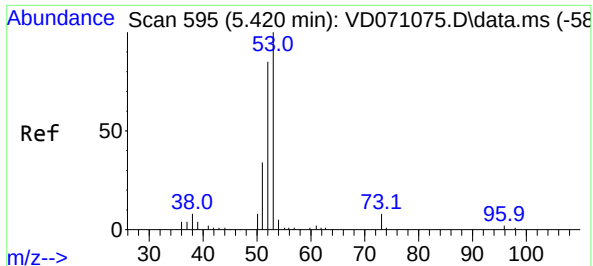
Tgt Ion: 56 Resp: 33426  
Ion Ratio Lower Upper  
56 100  
55 70.9 58.6 87.8



#14  
Allyl chloride  
Concen: 50.897 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.007 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 41 Resp: 219220  
Ion Ratio Lower Upper  
41 100  
39 76.0 45.6 68.4#  
76 33.3 30.2 45.4

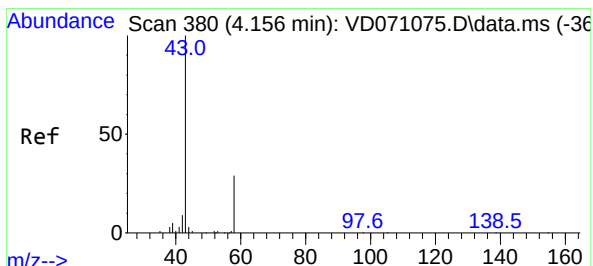
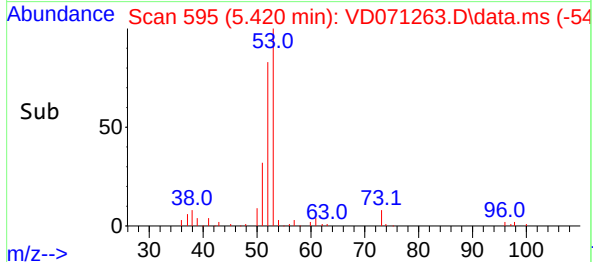
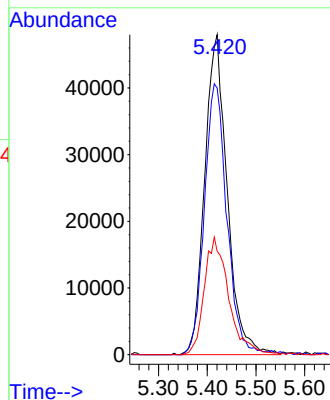
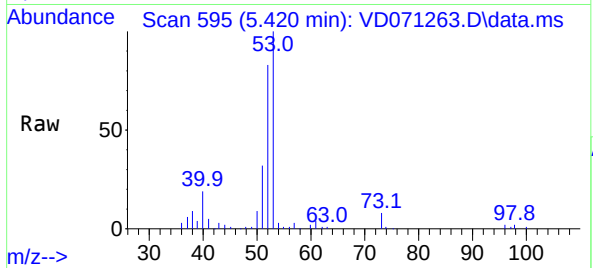




#15  
Acrylonitrile  
Concen: 280.348 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

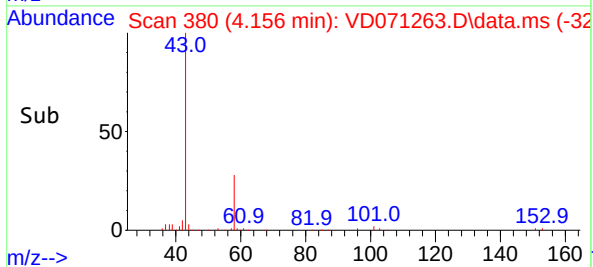
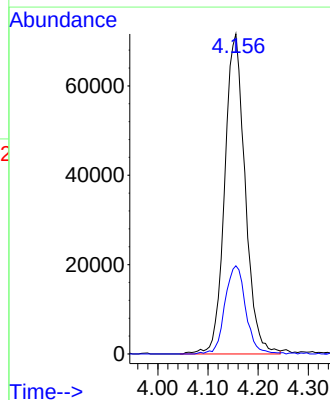
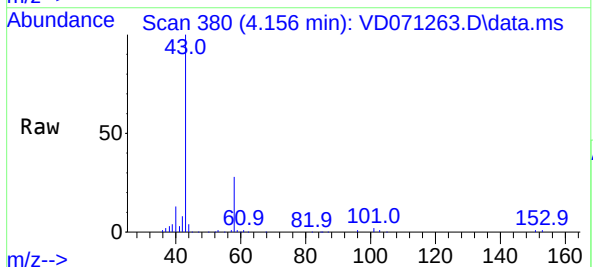
Instrument :  
MSVOA\_D  
ClientSampleId :

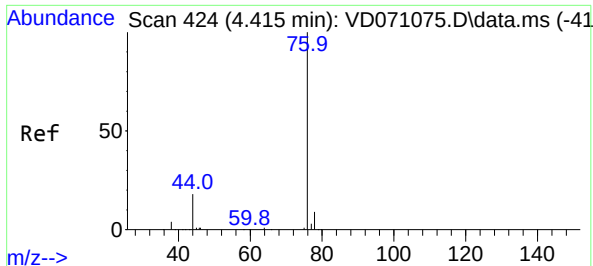
Tgt Ion: 53 Resp: 153941  
Ion Ratio Lower Upper  
53 100  
52 84.4 63.8 95.8  
51 39.7 28.5 42.7



#16  
Acetone  
Concen: 264.290 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 43 Resp: 202669  
Ion Ratio Lower Upper  
43 100  
58 27.6 27.8 41.8#

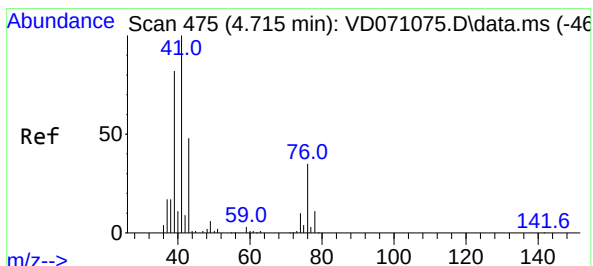
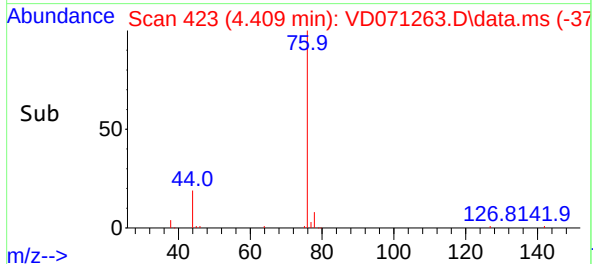
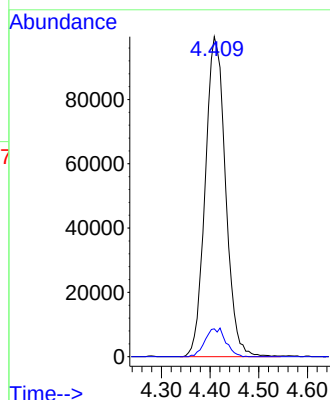
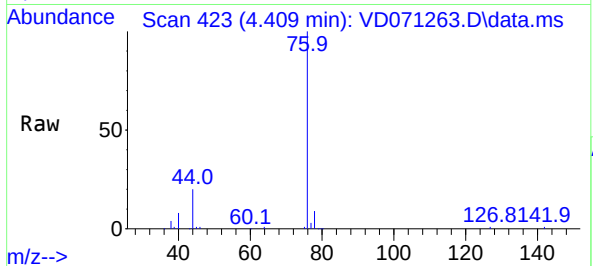




#17  
Carbon Disulfide  
Concen: 43.374 ug/l  
RT: 4.409 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

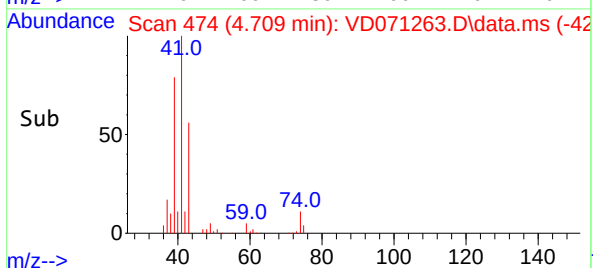
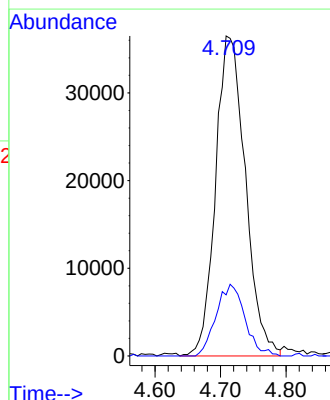
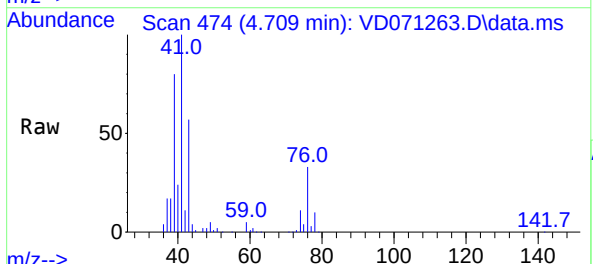
Instrument :  
MSVOA\_D  
ClientSampleId :

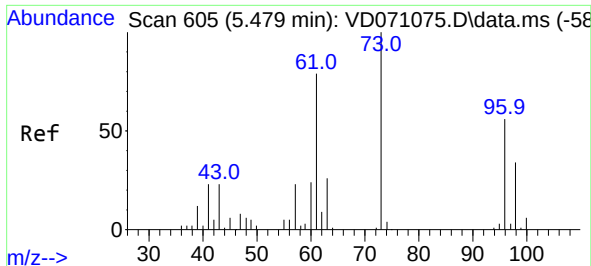
Tgt Ion: 76 Resp: 287962  
Ion Ratio Lower Upper  
76 100  
78 8.7 7.8 11.8



#18  
Methyl Acetate  
Concen: 54.413 ug/l  
RT: 4.709 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 43 Resp: 115066  
Ion Ratio Lower Upper  
43 100  
74 21.7 19.3 28.9

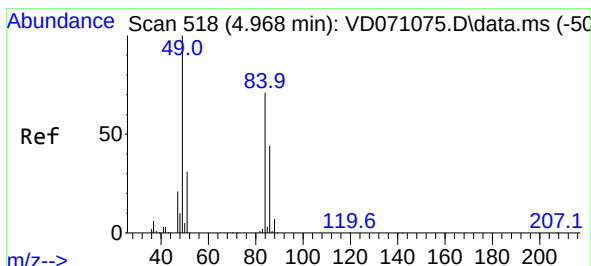
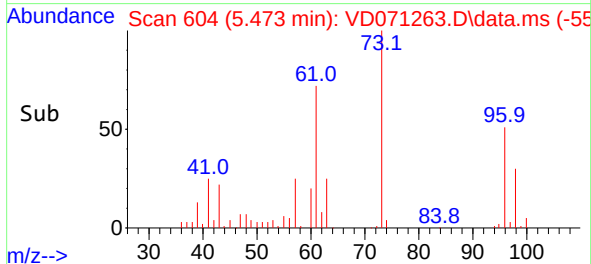
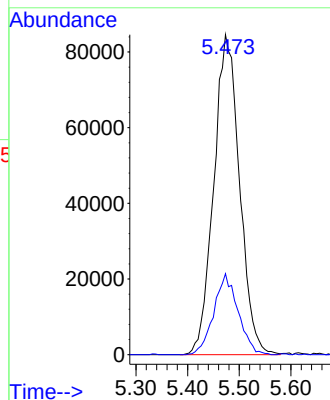
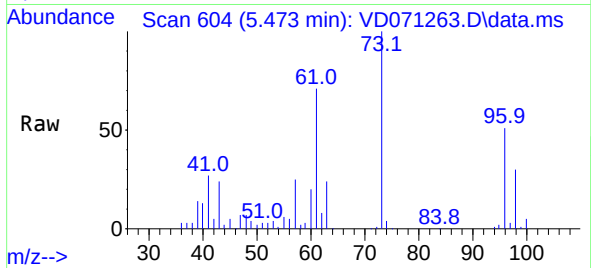




#19  
Methyl tert-butyl Ether  
Concen: 52.706 ug/l  
RT: 5.473 min Scan# 605  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

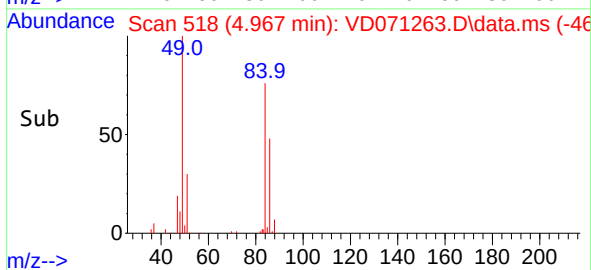
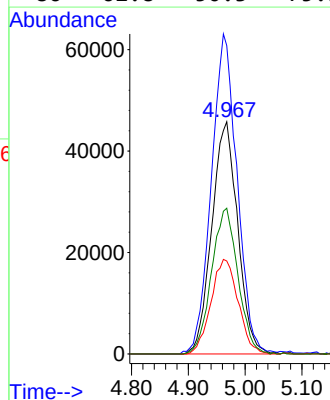
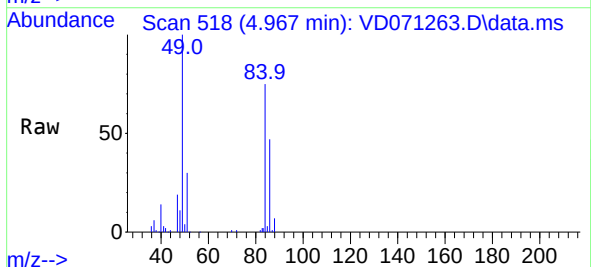
Instrument :  
MSVOA\_D  
ClientSampleId :

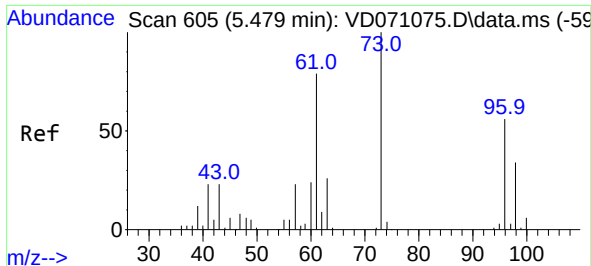
Tgt Ion: 73 Resp: 292897  
Ion Ratio Lower Upper  
73 100  
57 25.3 18.9 28.3



#20  
Methylene Chloride  
Concen: 50.246 ug/l  
RT: 4.967 min Scan# 518  
Delta R.T. -0.001 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

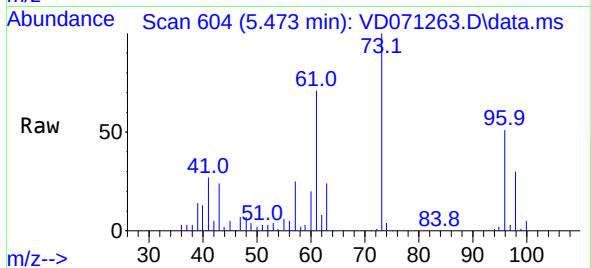
Tgt Ion: 84 Resp: 145261  
Ion Ratio Lower Upper  
84 100  
49 132.8 95.8 143.6  
51 40.0 30.9 46.3  
86 62.8 50.3 75.5



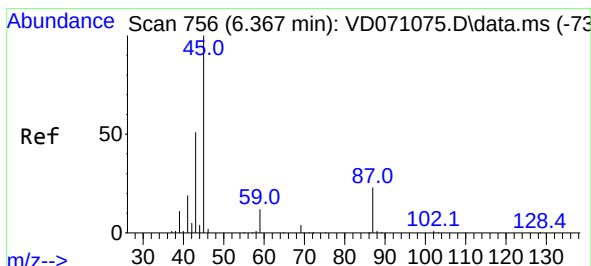
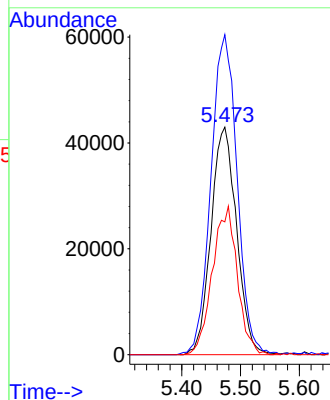
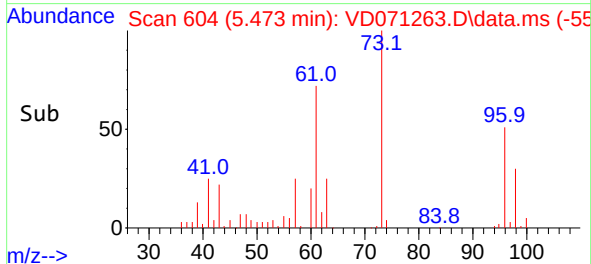


#21  
trans-1,2-Dichloroethene  
Concen: 51.018 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

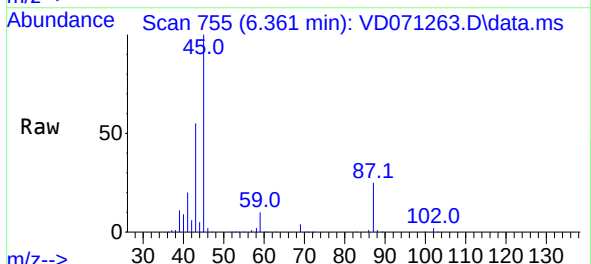
Instrument :  
MSVOA\_D  
ClientSampleId :



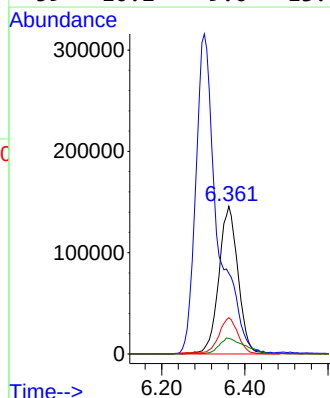
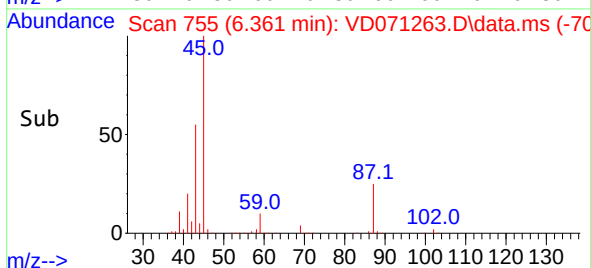
Tgt Ion: 96 Resp: 130225  
Ion Ratio Lower Upper  
96 100  
61 140.6 102.1 153.1  
98 58.3 50.1 75.1

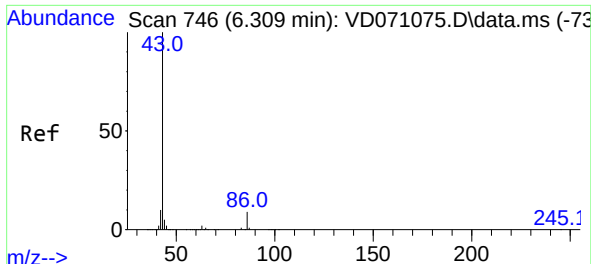


#22  
Diisopropyl ether  
Concen: 54.192 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20



Tgt Ion: 45 Resp: 467646  
Ion Ratio Lower Upper  
45 100  
43 53.7 39.6 59.4  
87 24.3 21.2 31.8  
59 10.2 9.0 13.6

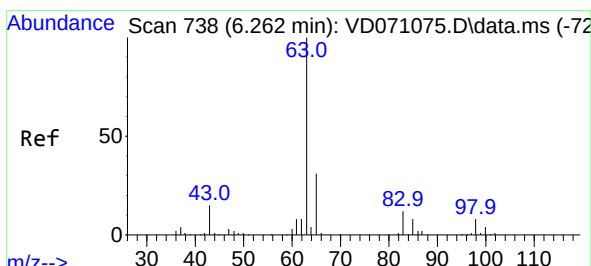
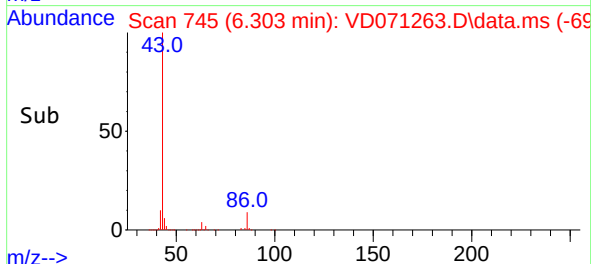
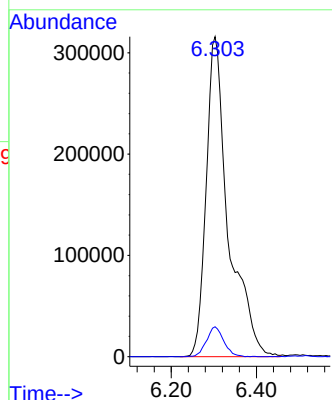
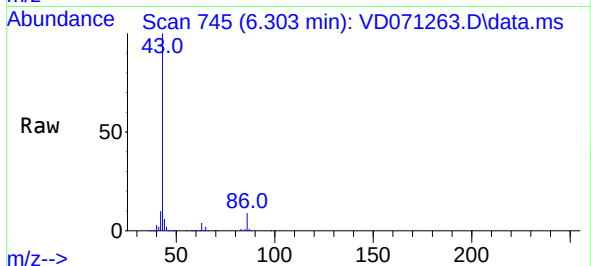




#23  
 Vinyl Acetate  
 Concen: 245.325 ug/l  
 RT: 6.303 min Scan# 746  
 Delta R.T. -0.006 min  
 Lab File: VD071263.D  
 Acq: 11 Dec 2021 11:20

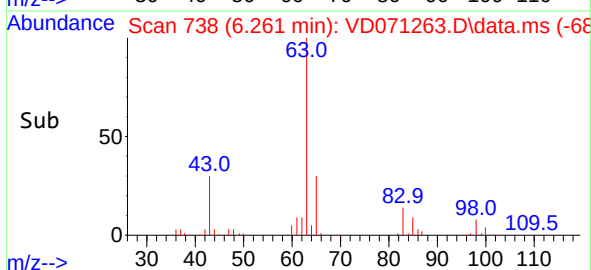
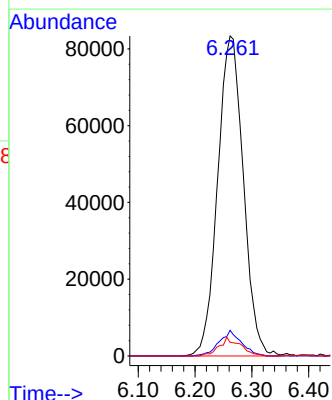
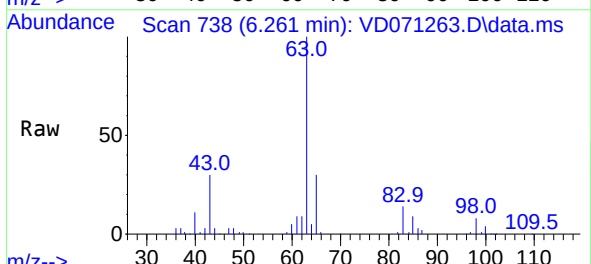
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion: 43 Resp: 1142163  
 Ion Ratio Lower Upper  
 43 100  
 86 9.4 8.2 12.4

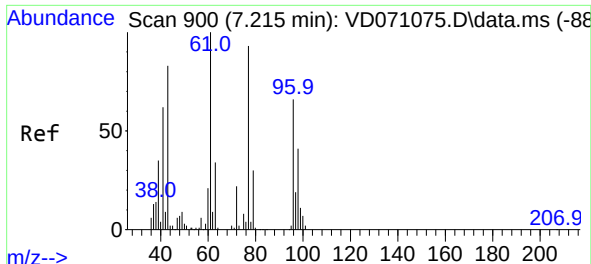


#24  
 1,1-Dichloroethane  
 Concen: 52.670 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.001 min  
 Lab File: VD071263.D  
 Acq: 11 Dec 2021 11:20

Tgt Ion: 63 Resp: 261424  
 Ion Ratio Lower Upper  
 63 100  
 98 8.0 3.5 10.6  
 100 4.3 2.1 6.3



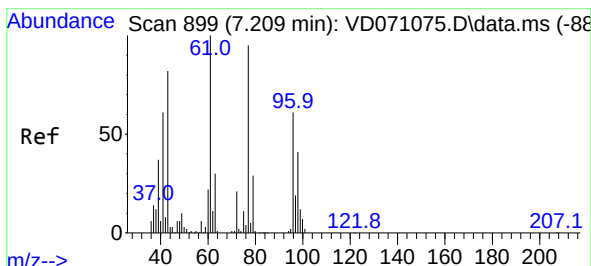
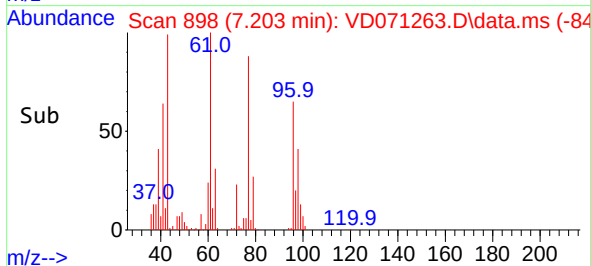
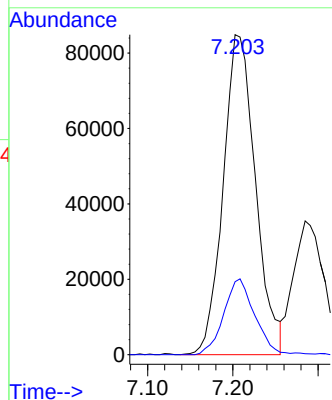
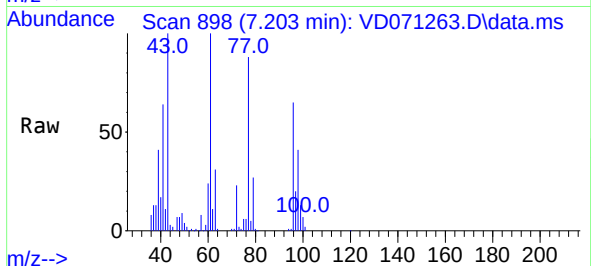




#25  
2-Butanone  
Concen: 254.191 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.012 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

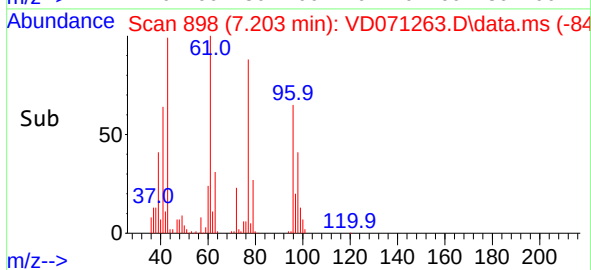
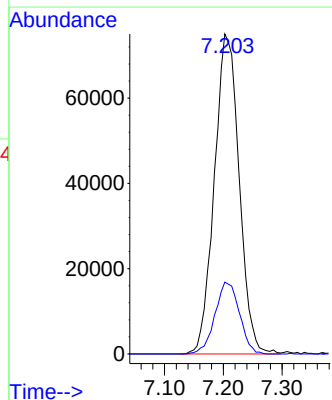
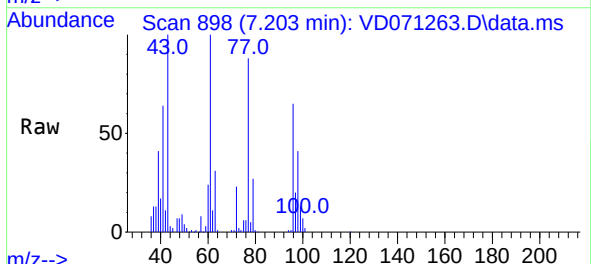
Instrument :  
MSVOA\_D  
ClientSampleId :

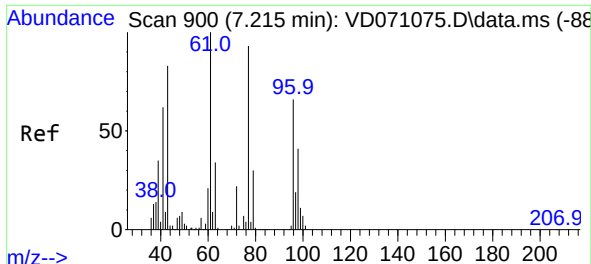
Tgt Ion: 43 Resp: 223904  
Ion Ratio Lower Upper  
43 100  
72 22.8 23.8 35.6#



#26  
2,2-Dichloropropane  
Concen: 48.726 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

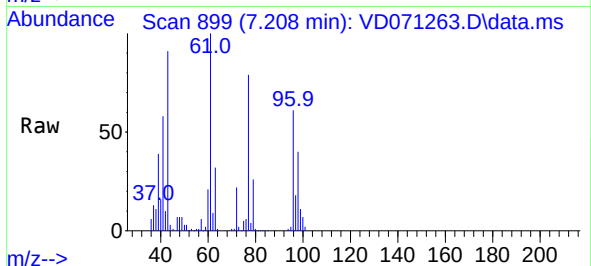
Tgt Ion: 77 Resp: 219922  
Ion Ratio Lower Upper  
77 100  
97 22.1 11.9 35.5



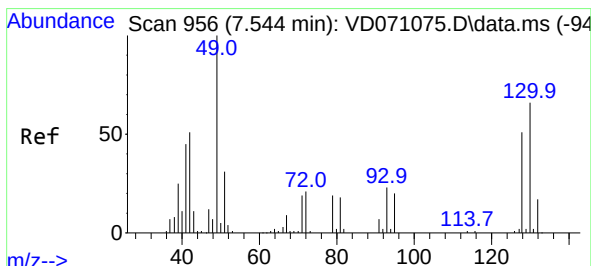
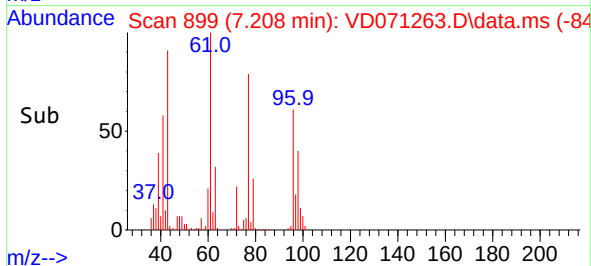
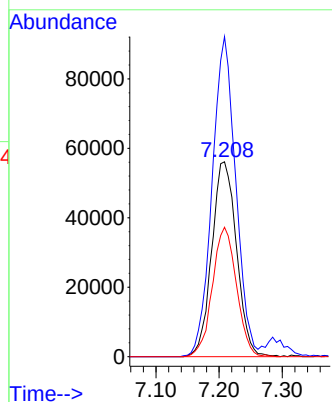


#27  
cis-1,2-Dichloroethene  
Concen: 53.034 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.007 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Instrument :  
MSVOA\_D  
ClientSampleId :

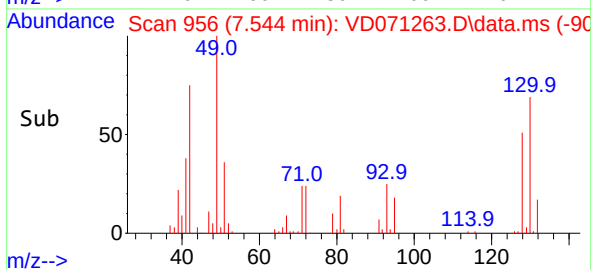
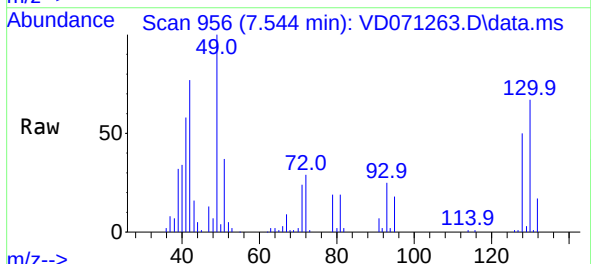
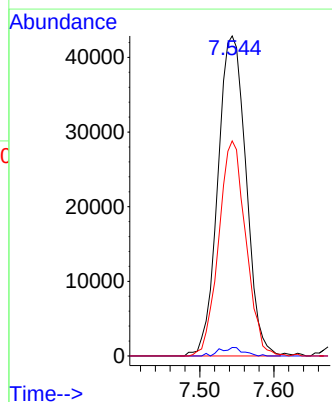


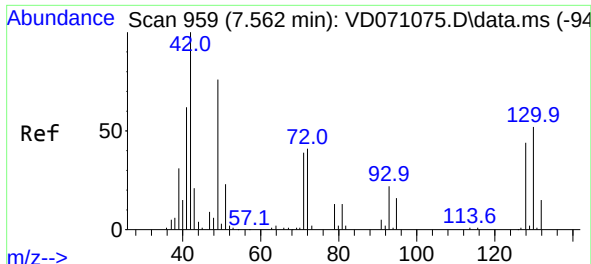
Tgt Ion: 96 Resp: 153149  
Ion Ratio Lower Upper  
96 100  
61 156.1 0.0 288.6  
98 64.6 0.0 129.2



#28  
Bromochloromethane  
Concen: 52.516 ug/l  
RT: 7.544 min Scan# 956  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 49 Resp: 113215  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 4.0  
130 64.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 283.875 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.001 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA\_D

ClientSampleId :

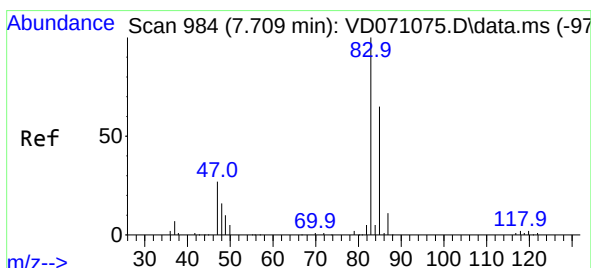
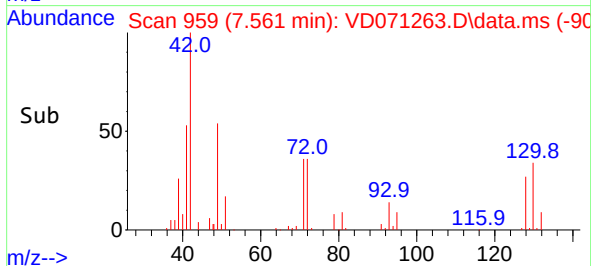
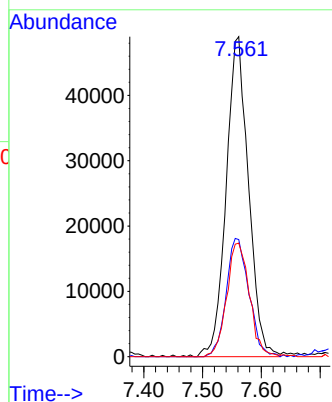
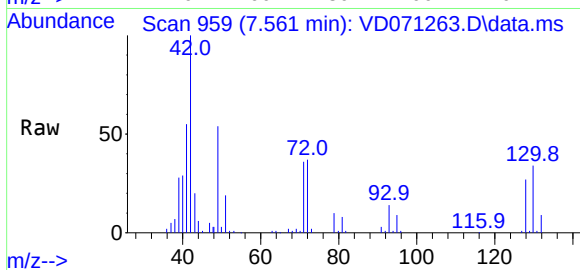
Tgt Ion: 42 Resp: 129195

Ion Ratio Lower Upper

42 100

72 37.7 33.7 50.5

71 36.4 32.7 49.1



#30

Chloroform

Concen: 54.185 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD071263.D

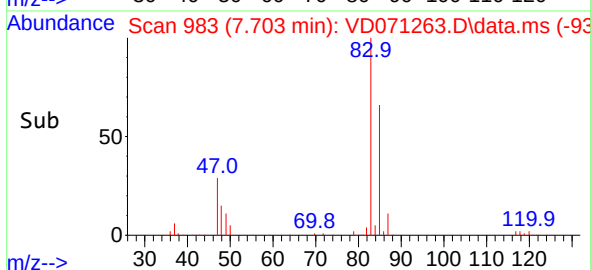
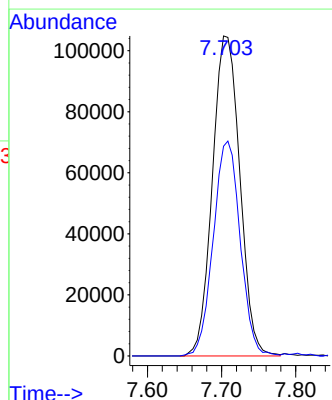
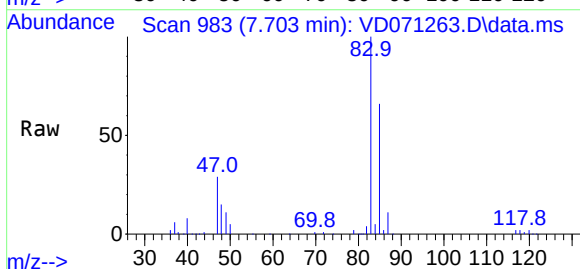
Acq: 11 Dec 2021 11:20

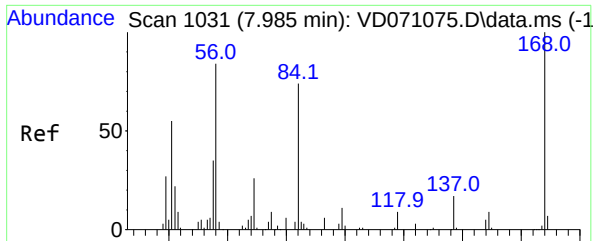
Tgt Ion: 83 Resp: 269913

Ion Ratio Lower Upper

83 100

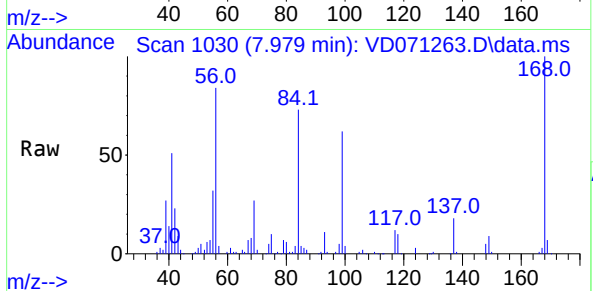
85 65.6 51.0 76.6



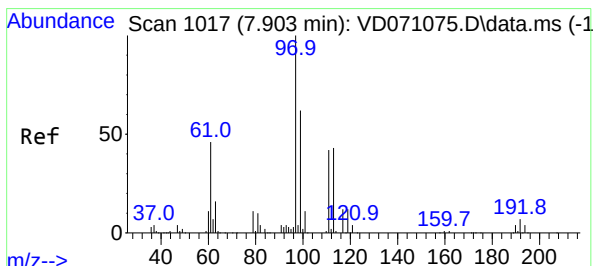
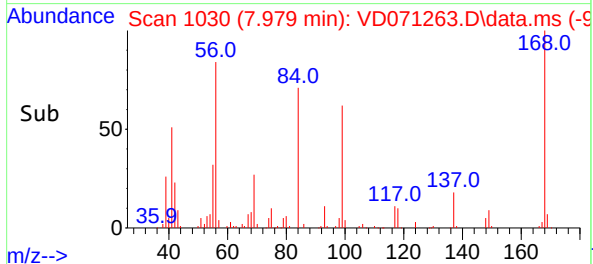
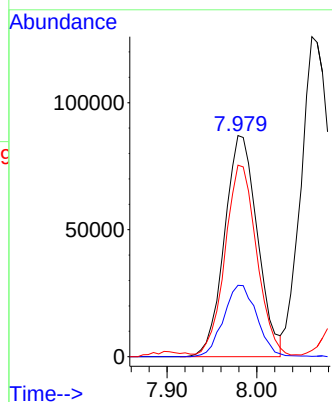


#31  
Cyclohexane  
Concen: 45.596 ug/l  
RT: 7.979 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Instrument :  
MSVOA\_D  
ClientSampleId :

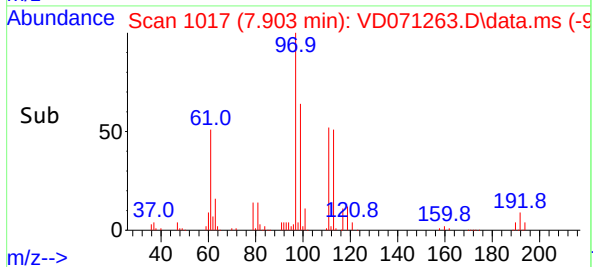
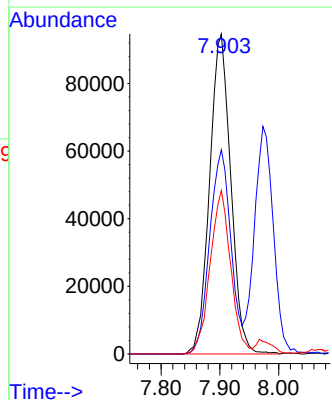
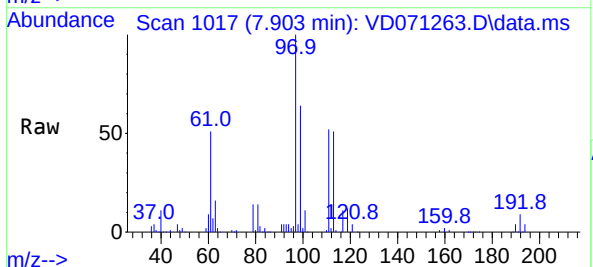


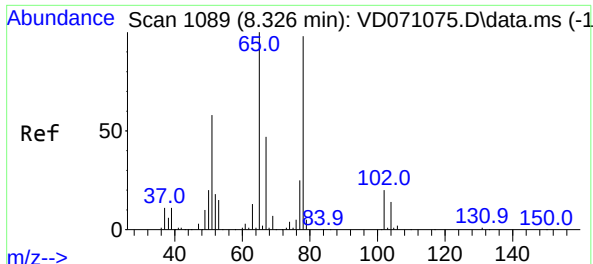
Tgt Ion: 56 Resp: 222292  
Ion Ratio Lower Upper  
56 100  
69 32.3 25.9 38.9  
84 85.1 64.3 96.5



#32  
1,1,1-Trichloroethane  
Concen: 52.942 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

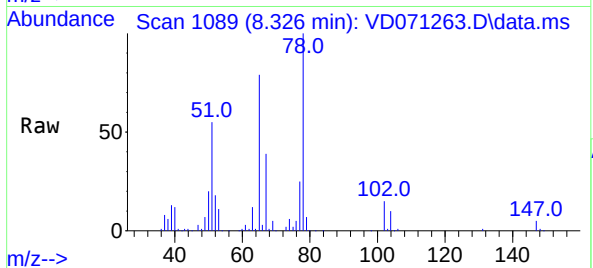
Tgt Ion: 97 Resp: 236774  
Ion Ratio Lower Upper  
97 100  
99 63.8 50.3 75.5  
61 49.9 33.0 49.4#



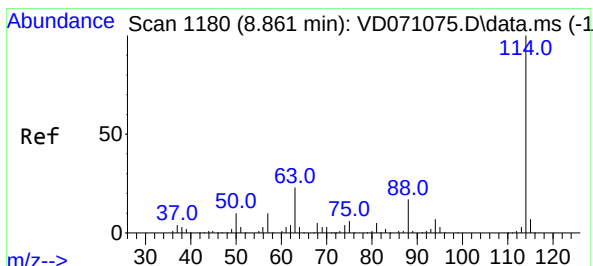
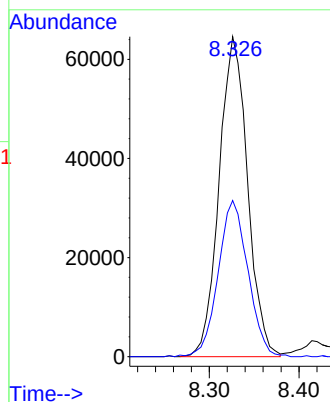
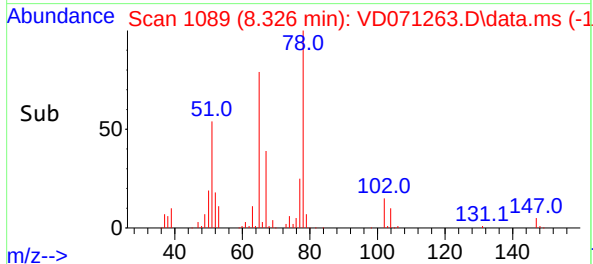


#33  
1,2-Dichloroethane-d4  
Concen: 49.568 ug/l  
RT: 8.326 min Scan# 1107  
Delta R.T. 0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

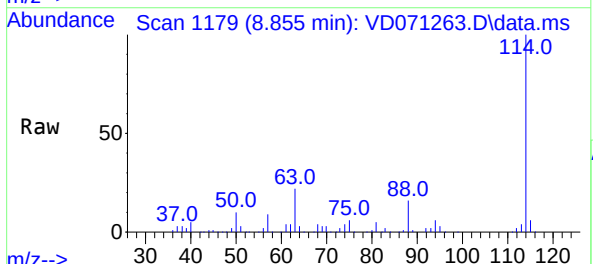
Instrument :  
MSVOA\_D  
ClientSampleId :



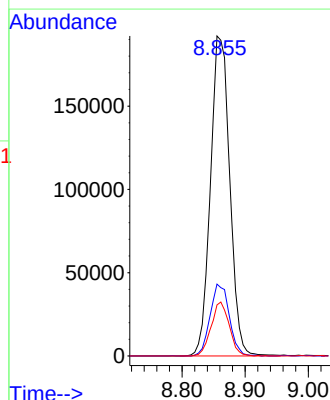
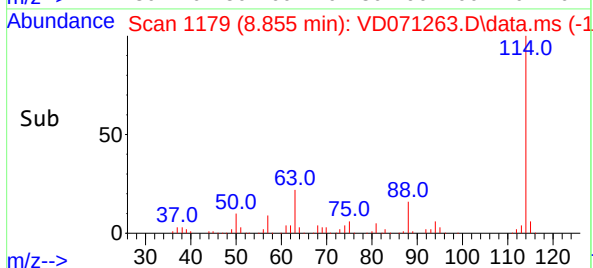
Tgt Ion: 65 Resp: 142069  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 112.2

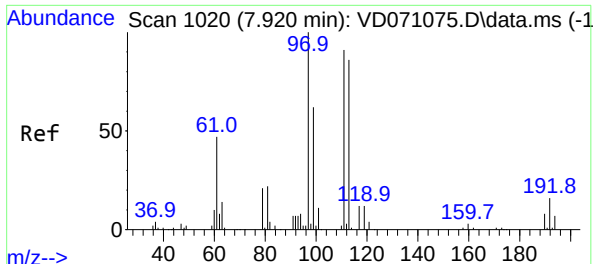


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.855 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20



Tgt Ion: 114 Resp: 408205  
Ion Ratio Lower Upper  
114 100  
63 22.4 0.0 41.8  
88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.358 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.012 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA\_D

ClientSampleId :

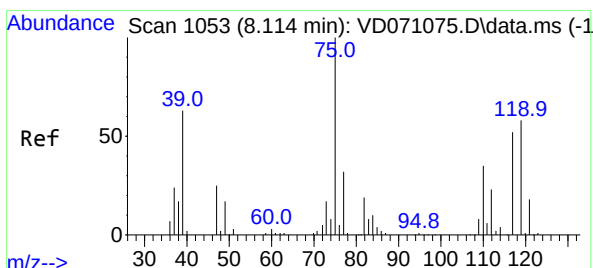
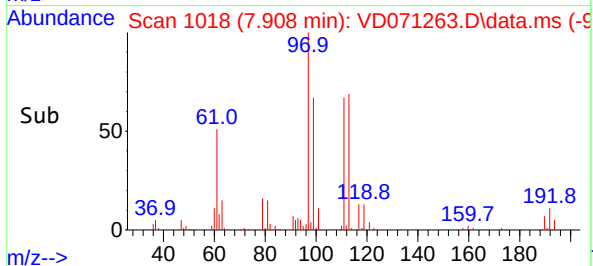
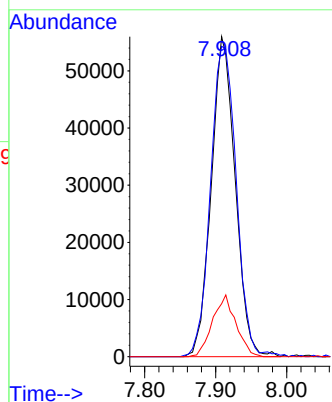
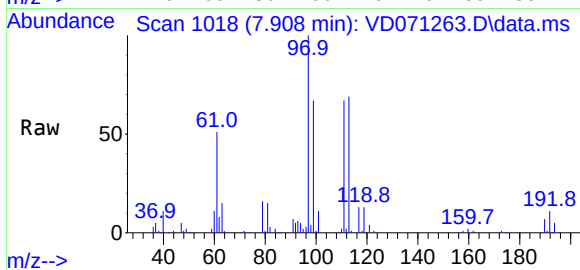
Tgt Ion:113 Resp: 130902

Ion Ratio Lower Upper

113 100

111 104.8 82.0 123.0

192 18.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 51.344 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.006 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

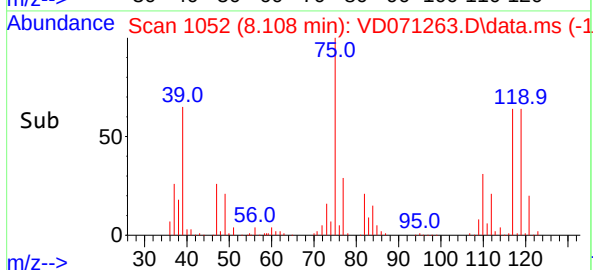
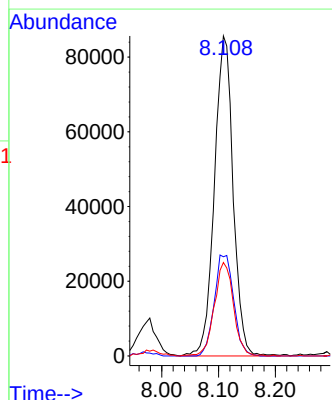
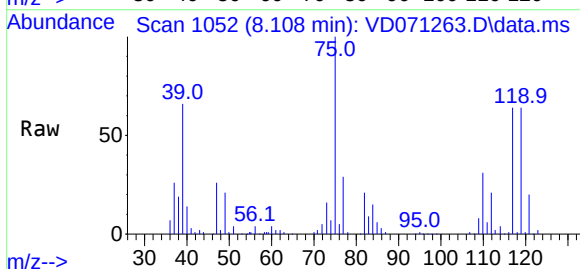
Tgt Ion: 75 Resp: 195887

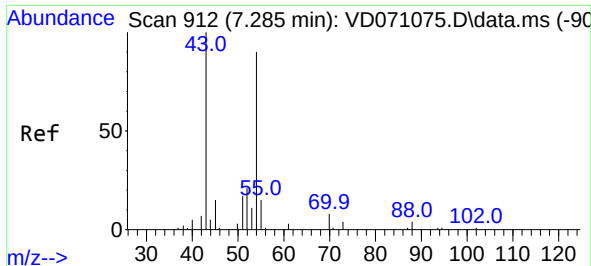
Ion Ratio Lower Upper

75 100

110 32.7 17.8 53.4

77 29.9 24.8 37.2

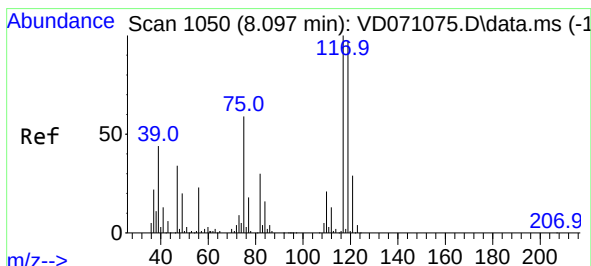
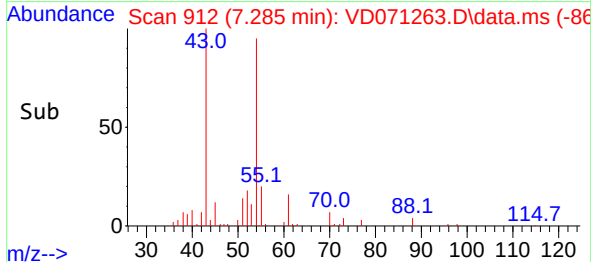
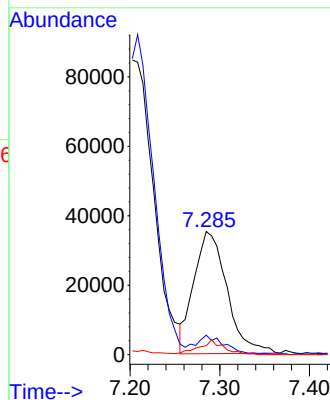
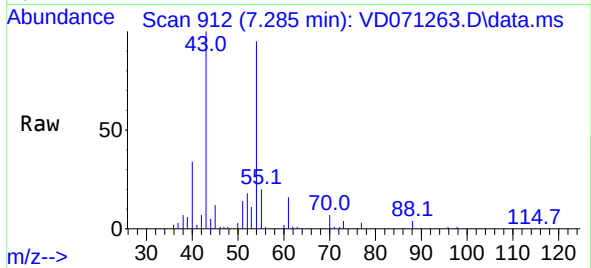




#37  
Ethyl Acetate  
Concen: 54.674 ug/l  
RT: 7.285 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

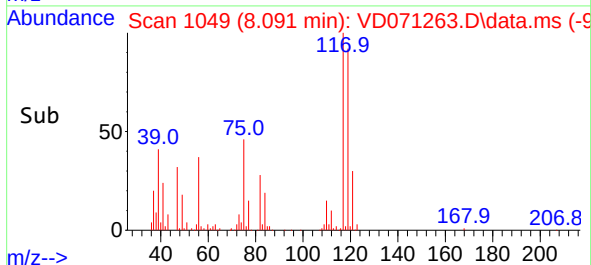
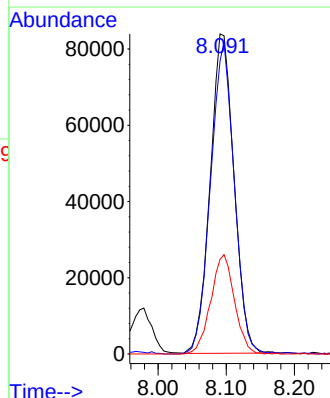
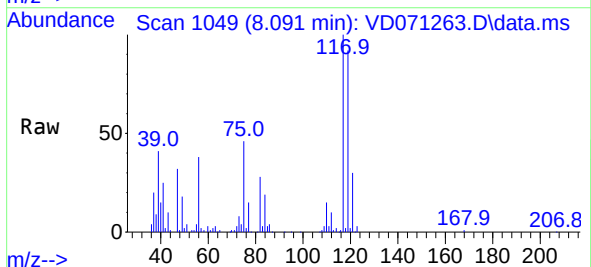
Instrument :  
MSVOA\_D  
ClientSampleId :

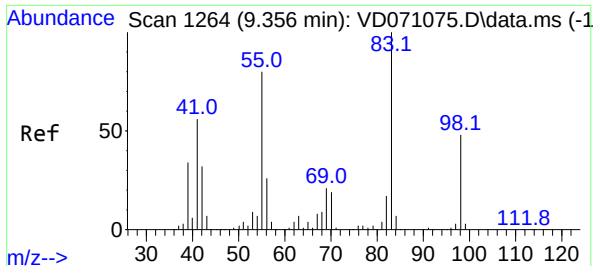
Tgt Ion: 43 Resp: 90105  
Ion Ratio Lower Upper  
43 100  
61 13.3 13.0 19.6  
70 9.1 8.7 13.1



#38  
Carbon Tetrachloride  
Concen: 54.286 ug/l  
RT: 8.091 min Scan# 1049  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 117 Resp: 204161  
Ion Ratio Lower Upper  
117 100  
119 91.8 75.8 113.6  
121 29.6 23.6 35.4

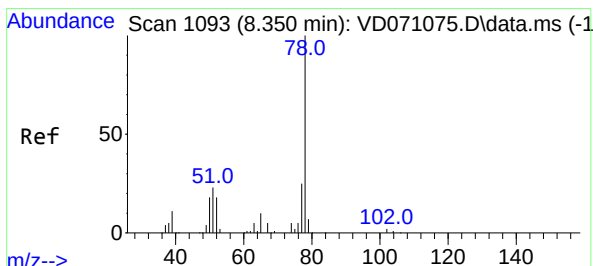
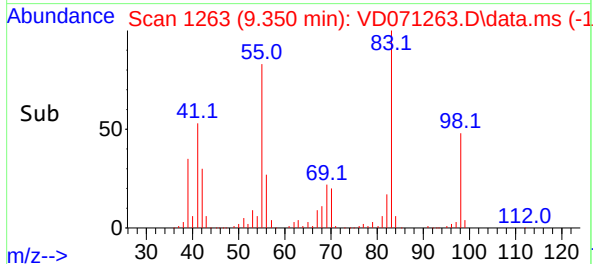
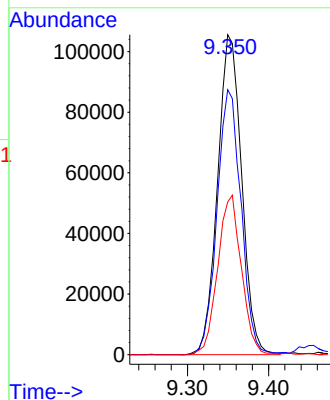
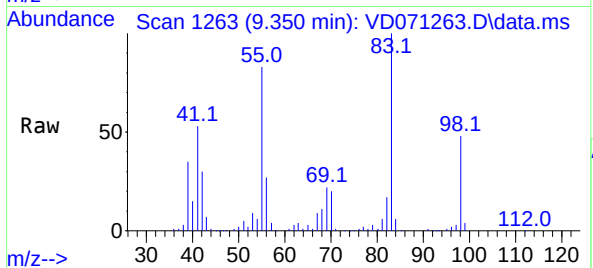




#39  
Methylcyclohexane  
Concen: 47.433 ug/l  
RT: 9.350 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

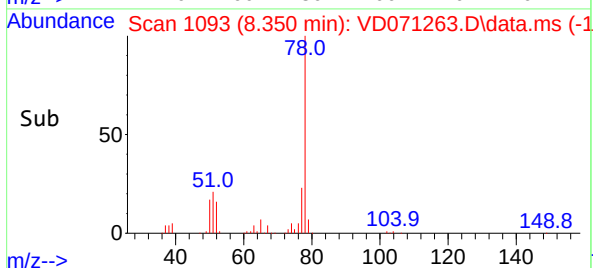
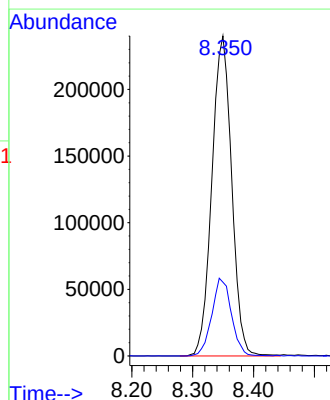
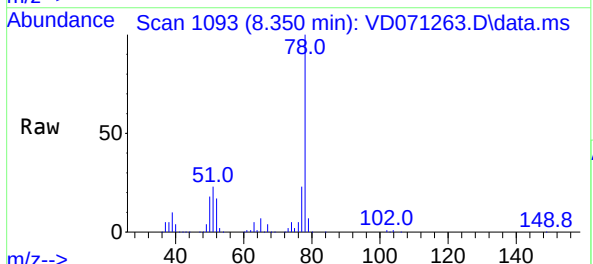
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion: 83 Resp: 217661  
Ion Ratio Lower Upper  
83 100  
55 82.8 65.8 98.8  
98 47.7 38.7 58.1

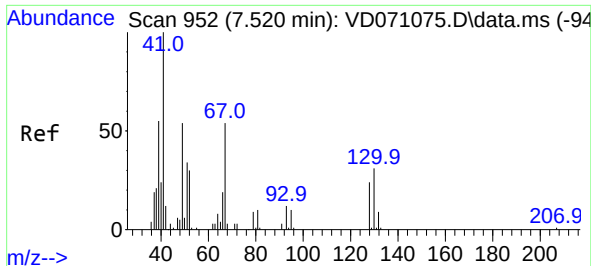


#40  
Benzene  
Concen: 52.300 ug/l  
RT: 8.350 min Scan# 1093  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 78 Resp: 541999  
Ion Ratio Lower Upper  
78 100  
77 23.0 19.1 28.7

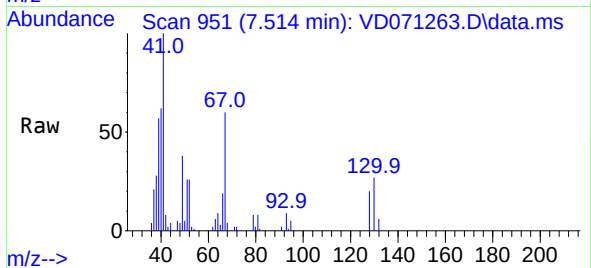




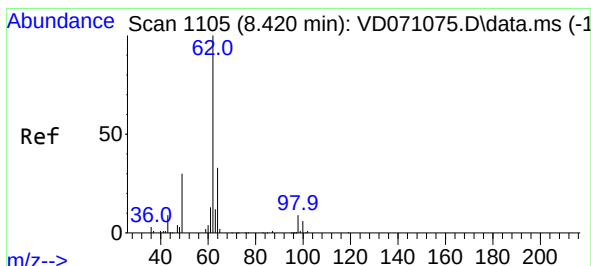
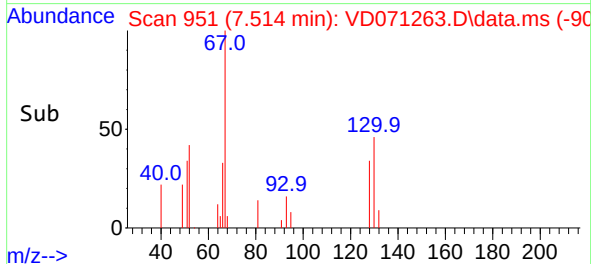
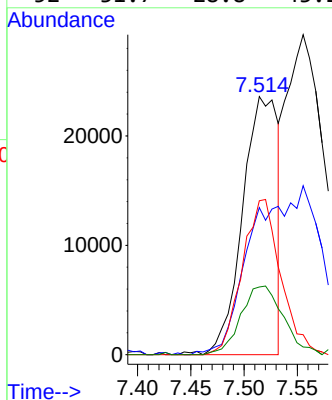


#41  
Methacrylonitrile  
Concen: 64.391 ug/l  
RT: 7.514 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Instrument :  
MSVOA\_D  
ClientSampleId :

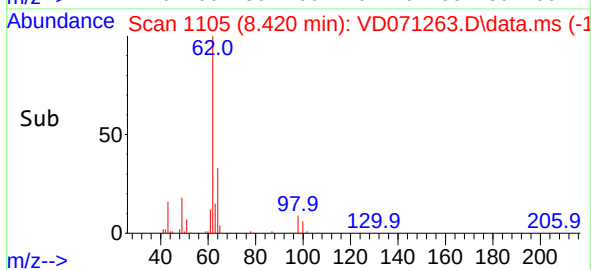
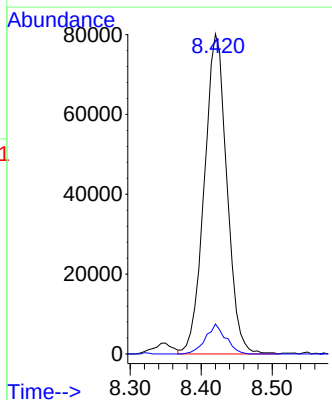
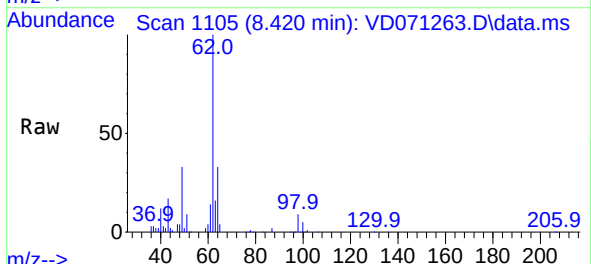


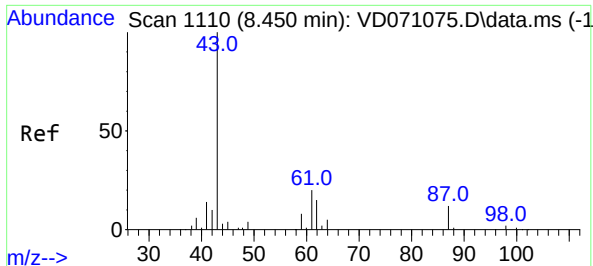
Tgt Ion: 41 Resp: 54668  
Ion Ratio Lower Upper  
41 100  
39 66.6 60.2 90.4  
67 65.1 74.8 112.2#  
52 31.7 28.8 43.2



#42  
1,2-Dichloroethane  
Concen: 55.942 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 62 Resp: 176962  
Ion Ratio Lower Upper  
62 100  
98 8.3 0.0 21.8

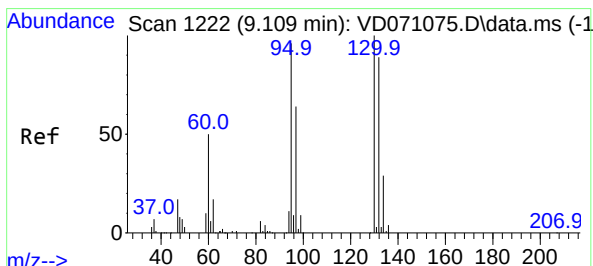
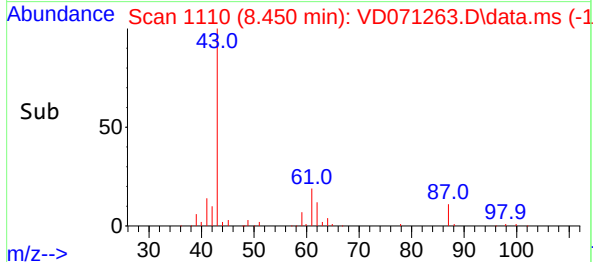
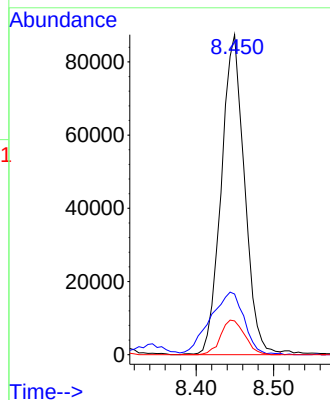
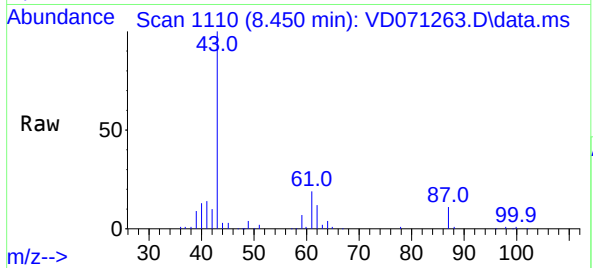




#43  
Isopropyl Acetate  
Concen: 50.149 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

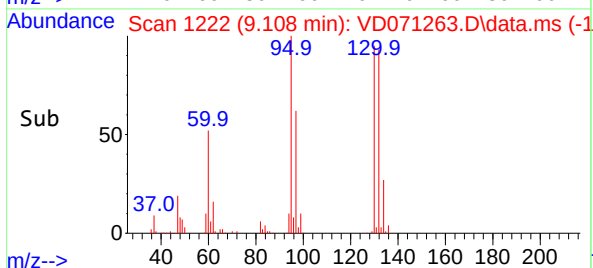
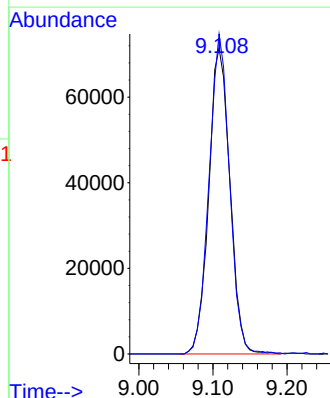
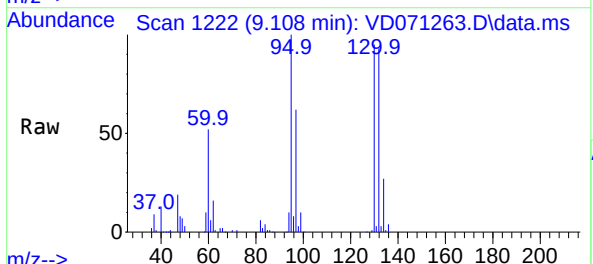
Instrument :  
MSVOA\_D  
ClientSampleId :

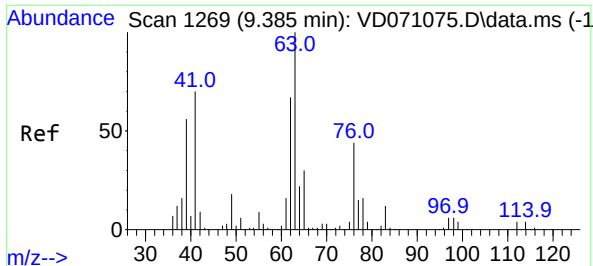
Tgt Ion: 43 Resp: 181920  
Ion Ratio Lower Upper  
43 100  
61 28.9 28.2 42.4  
87 11.2 10.7 16.1



#44  
Trichloroethene  
Concen: 51.416 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.001 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion:130 Resp: 142066  
Ion Ratio Lower Upper  
130 100  
95 104.8 0.0 193.2





#45

1,2-Dichloropropane

Concen: 54.441 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA\_D

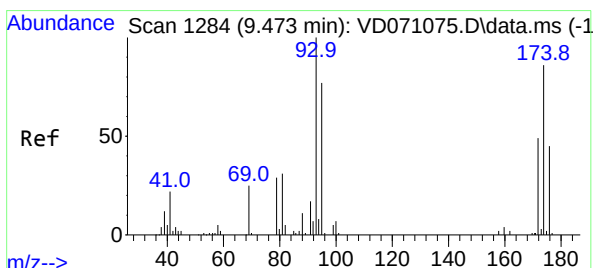
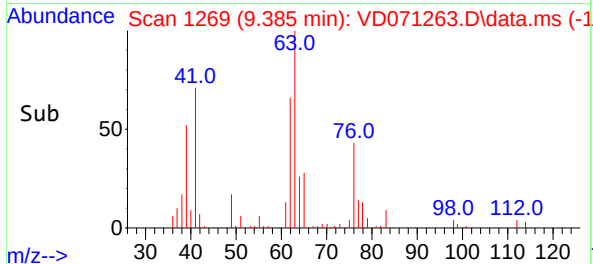
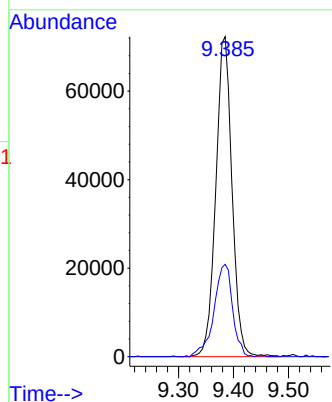
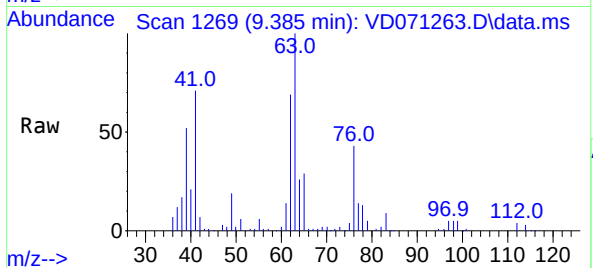
ClientSampleId :

Tgt Ion: 63 Resp: 148371

Ion Ratio Lower Upper

63 100

65 28.8 24.2 36.2



#46

Dibromomethane

Concen: 54.692 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

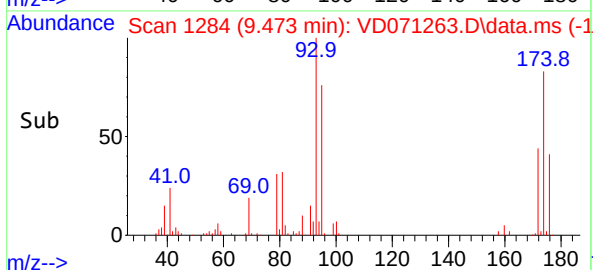
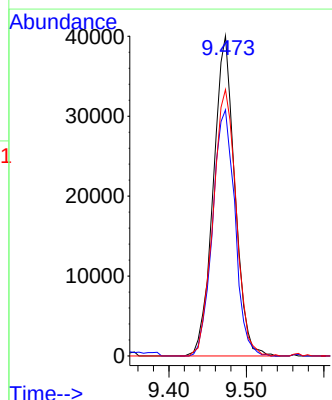
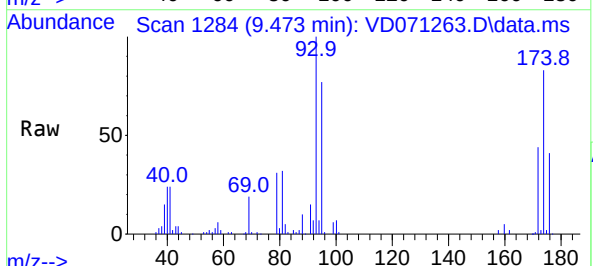
Tgt Ion: 93 Resp: 77331

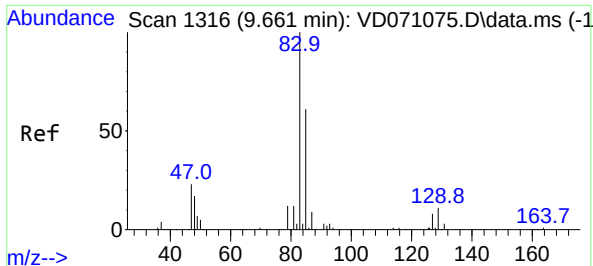
Ion Ratio Lower Upper

93 100

95 79.8 66.1 99.1

174 88.9 78.6 117.8

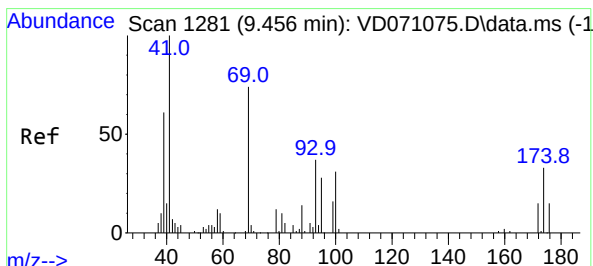
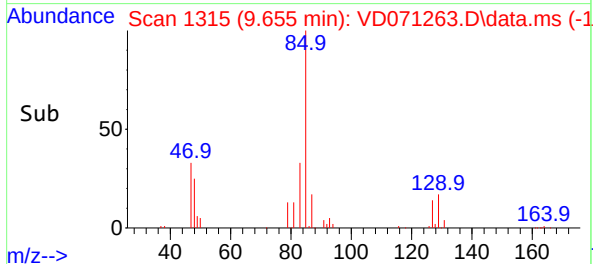
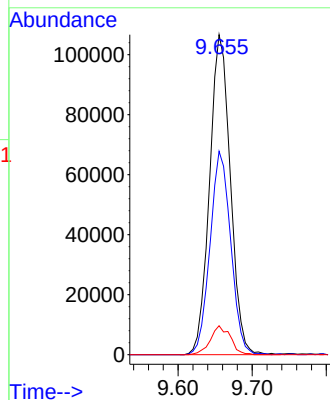
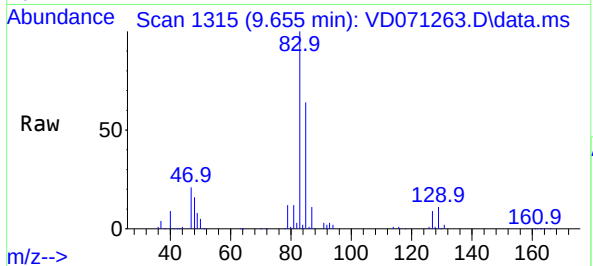




#47  
Bromodichloromethane  
Concen: 55.582 ug/l  
RT: 9.655 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

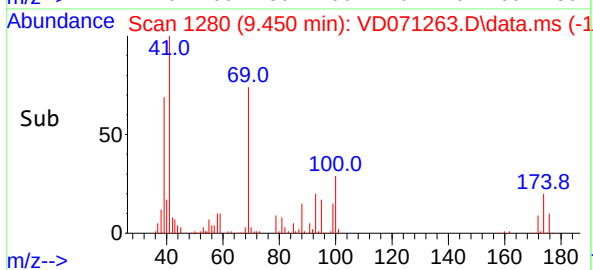
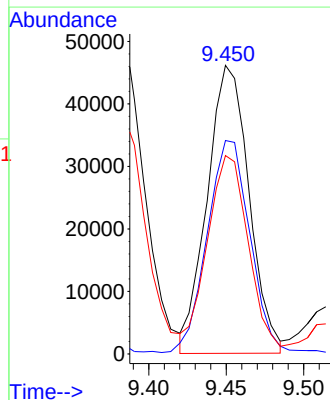
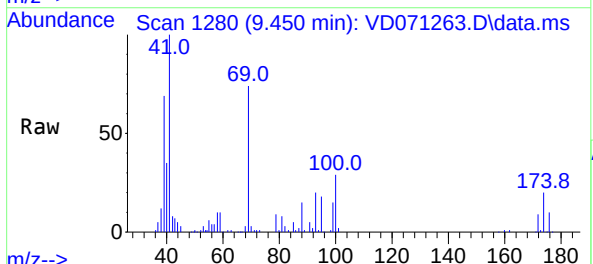
Instrument :  
MSVOA\_D  
ClientSampleId :

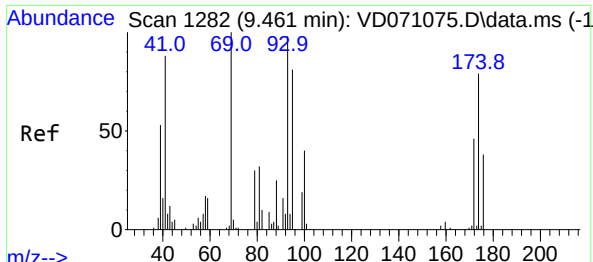
Tgt Ion: 83 Resp: 207840  
Ion Ratio Lower Upper  
83 100  
85 63.6 50.0 75.0  
127 9.1 7.3 10.9



#48  
Methyl methacrylate  
Concen: 53.549 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

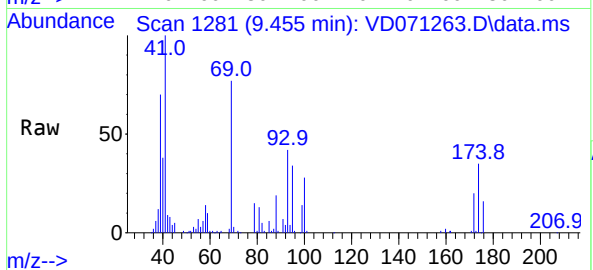
Tgt Ion: 41 Resp: 86384  
Ion Ratio Lower Upper  
41 100  
69 77.3 69.8 104.6  
39 68.1 35.6 53.4#



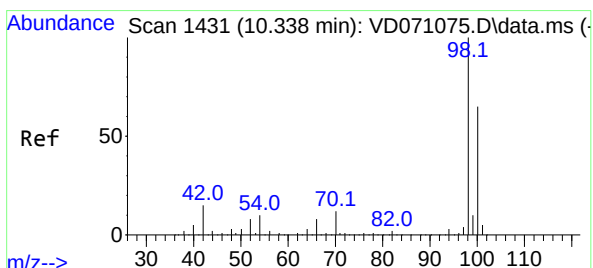
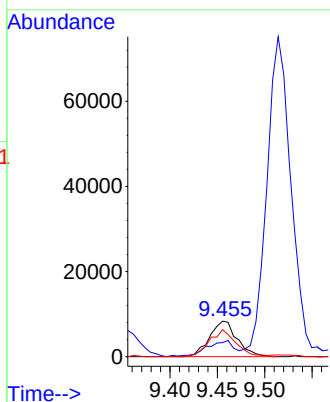
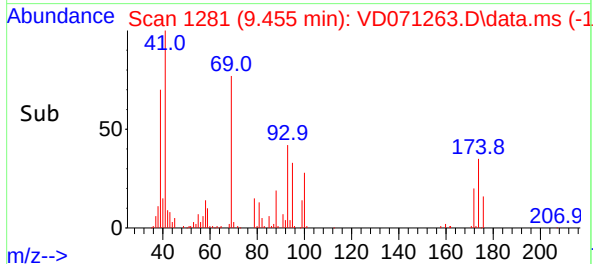


#49  
1,4-Dioxane  
Concen: 1241.853 ug/l  
RT: 9.455 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Instrument :  
MSVOA\_D  
ClientSampleId :

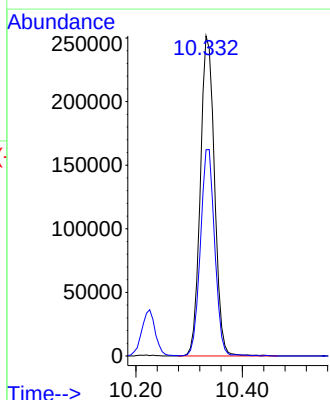
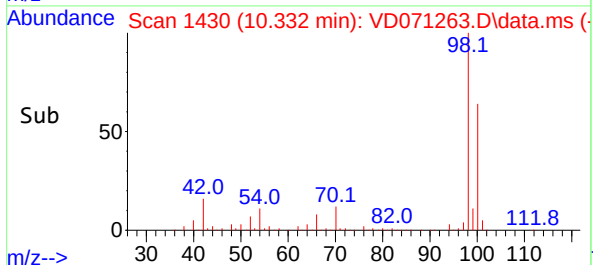
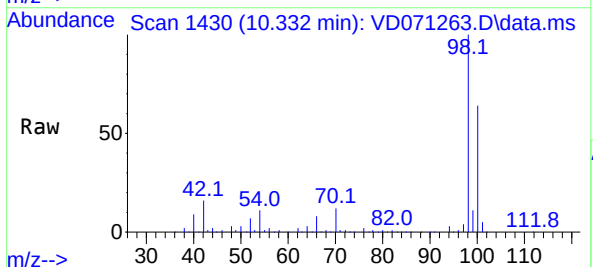


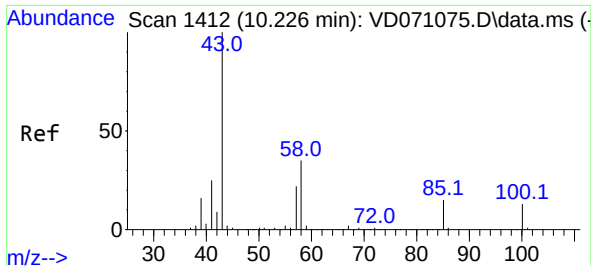
Tgt Ion: 88 Resp: 16950  
Ion Ratio Lower Upper  
88 100  
43 44.7 28.9 43.3#  
58 73.2 56.3 84.5



#50  
Toluene-d8  
Concen: 46.924 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 98 Resp: 464175  
Ion Ratio Lower Upper  
98 100  
100 65.2 51.8 77.6

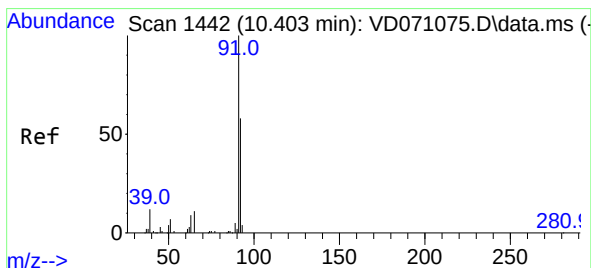
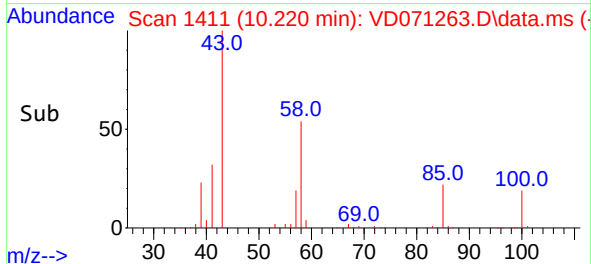
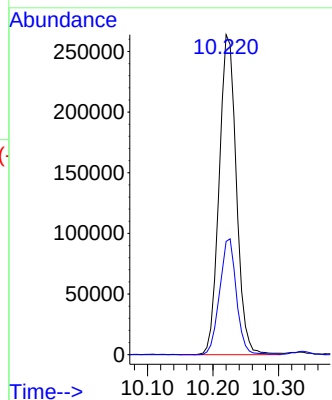
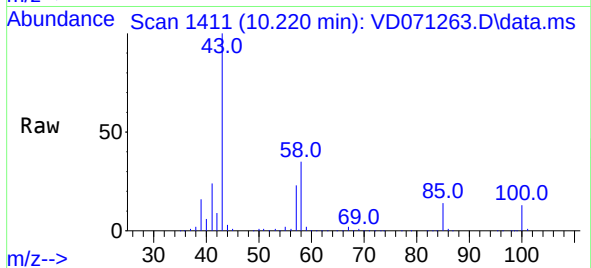




#51  
4-Methyl-2-Pentanone  
Concen: 257.239 ug/l  
RT: 10.220 min Scan# 1412  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

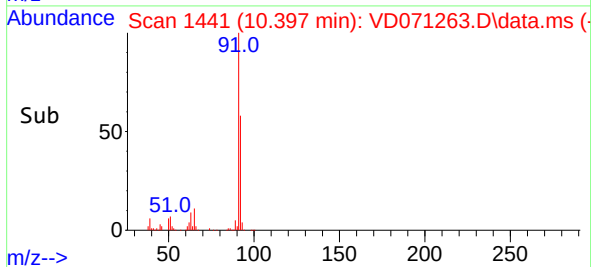
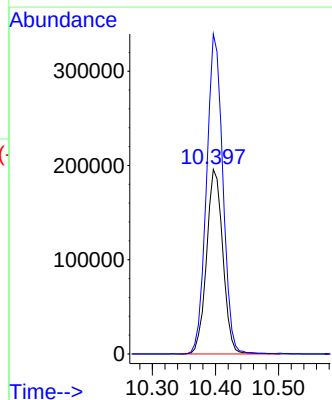
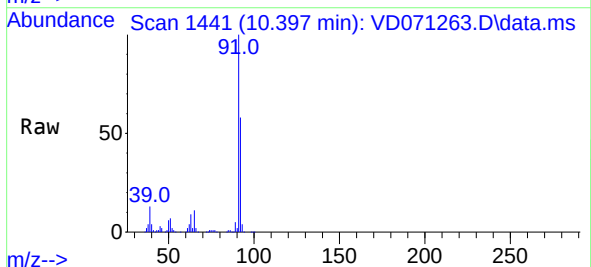
Instrument :  
MSVOA\_D  
ClientSampleId :

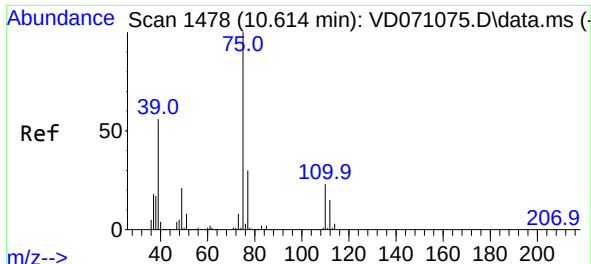
Tgt Ion: 43 Resp: 479926  
Ion Ratio Lower Upper  
43 100  
58 35.3 33.1 49.7



#52  
Toluene  
Concen: 53.263 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.007 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 92 Resp: 350224  
Ion Ratio Lower Upper  
92 100  
91 174.0 140.7 211.1

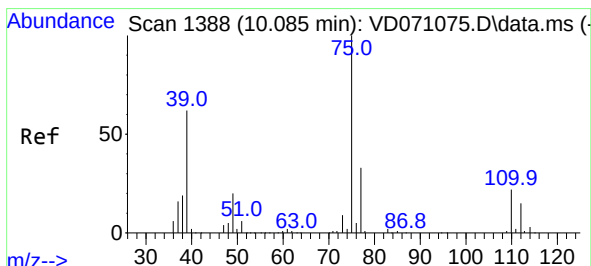
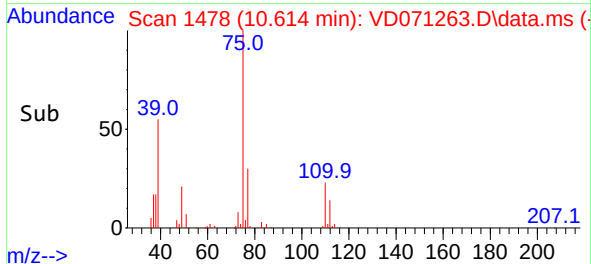
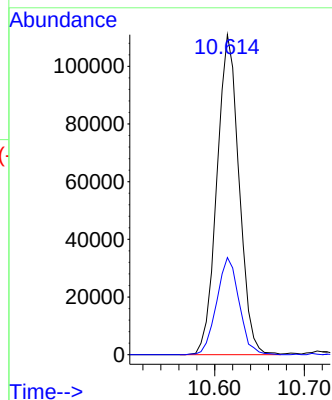
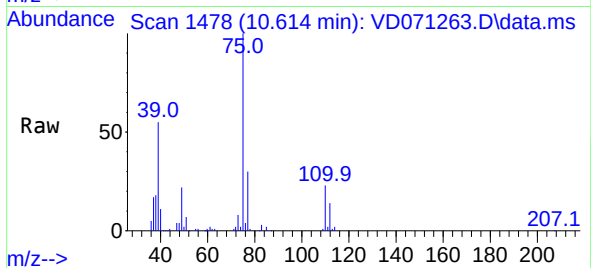




#53  
t-1,3-Dichloropropene  
Concen: 55.299 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

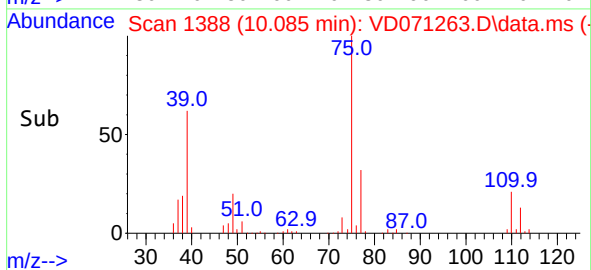
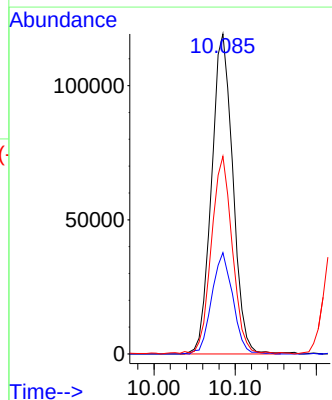
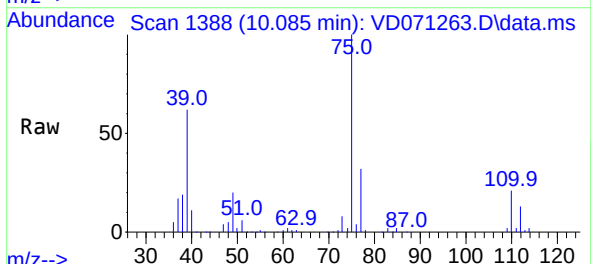
Instrument :  
MSVOA\_D  
ClientSampleId :

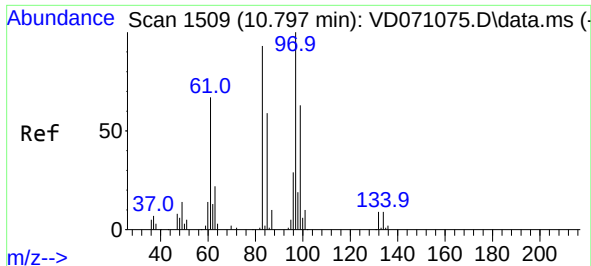
Tgt Ion: 75 Resp: 190118  
Ion Ratio Lower Upper  
75 100  
77 30.3 24.5 36.7



#54  
cis-1,3-Dichloropropene  
Concen: 53.184 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

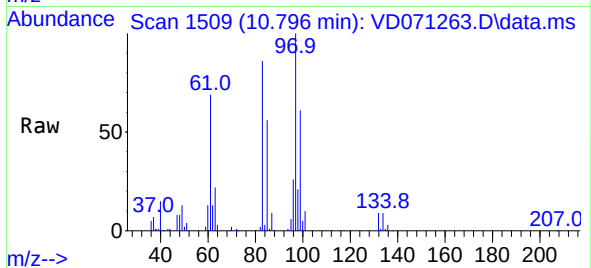
Tgt Ion: 75 Resp: 217190  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.0 37.6  
39 61.6 31.6 47.4#



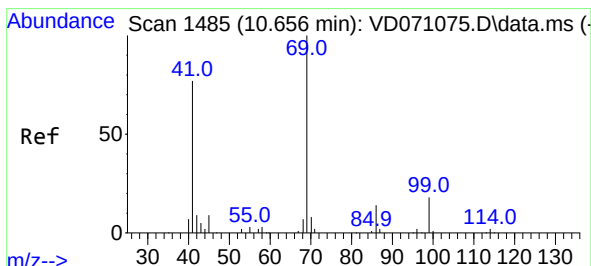
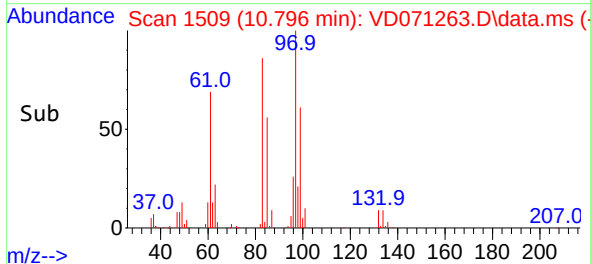
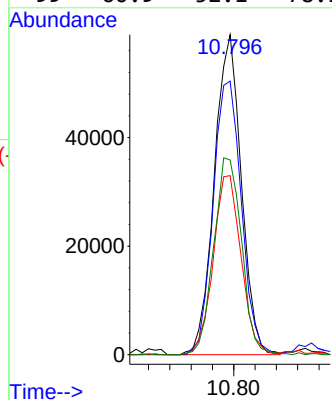


#55  
1,1,2-Trichloroethane  
Concen: 55.923 ug/l  
RT: 10.796 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Instrument :  
MSVOA\_D  
ClientSampleId :

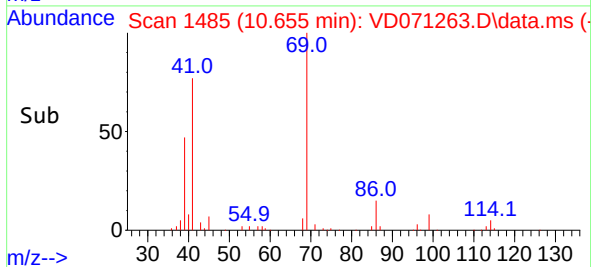
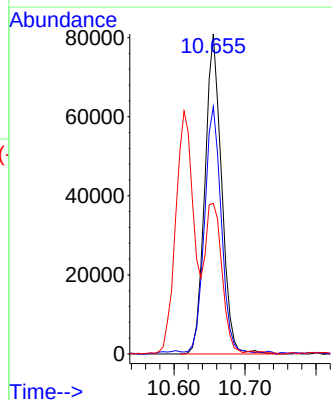
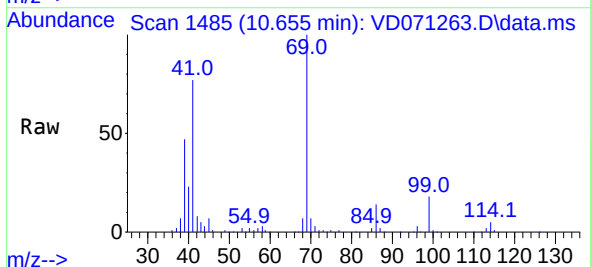


Tgt Ion: 97 Resp: 103731  
Ion Ratio Lower Upper  
97 100  
83 85.5 65.2 97.8  
85 55.9 43.4 65.0  
99 60.9 52.1 78.1

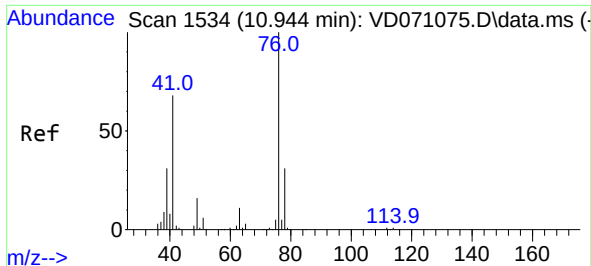


#56  
Ethyl methacrylate  
Concen: 49.408 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. -0.001 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 69 Resp: 131722  
Ion Ratio Lower Upper  
69 100  
41 77.0 50.2 75.2#  
39 45.9 19.8 29.8#







#57

1,3-Dichloropropane

Concen: 56.919 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA\_D

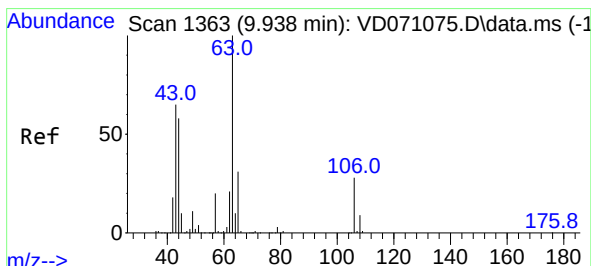
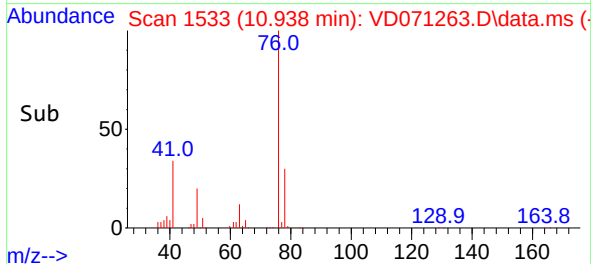
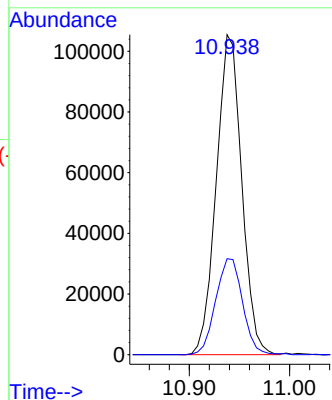
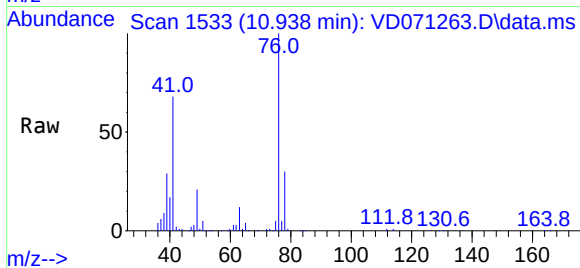
ClientSampleId :

Tgt Ion: 76 Resp: 185472

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 268.793 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071263.D

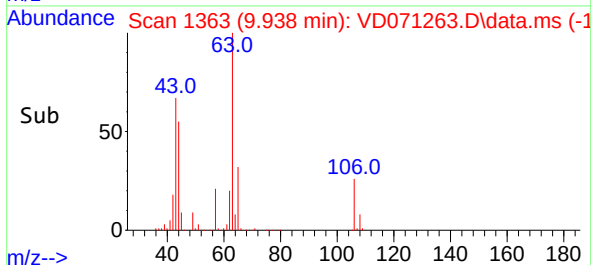
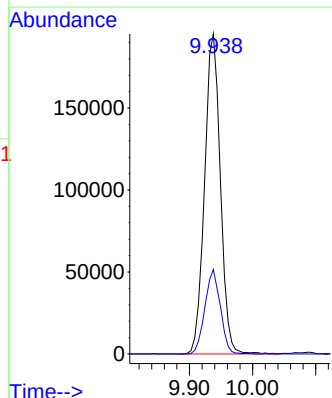
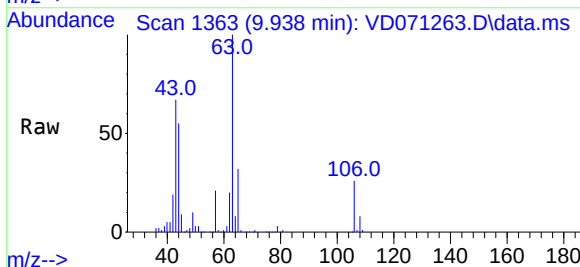
Acq: 11 Dec 2021 11:20

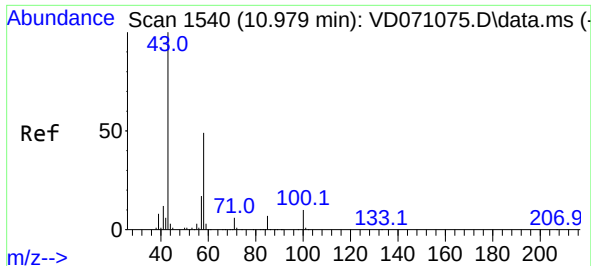
Tgt Ion: 63 Resp: 339275

Ion Ratio Lower Upper

63 100

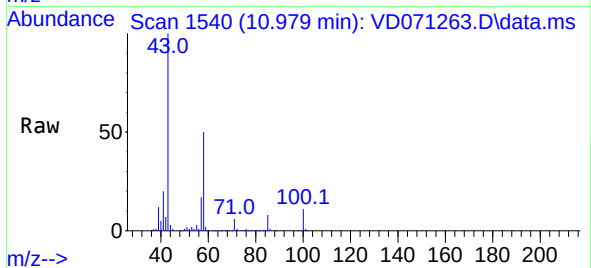
106 25.7 21.0 31.4



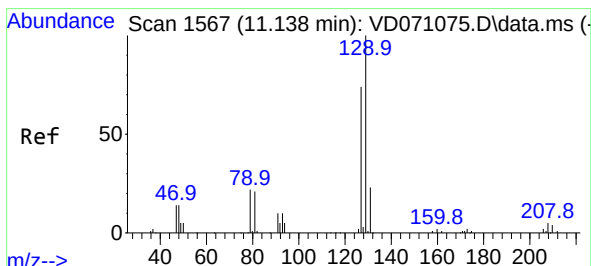
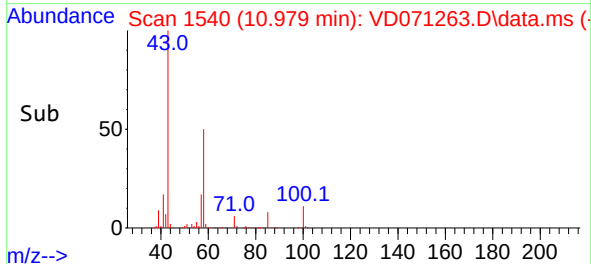
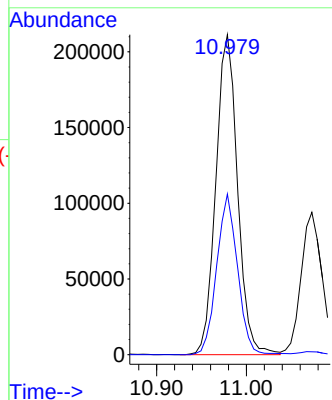


#59  
2-Hexanone  
Concen: 252.933 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Instrument :  
MSVOA\_D  
ClientSampleId :

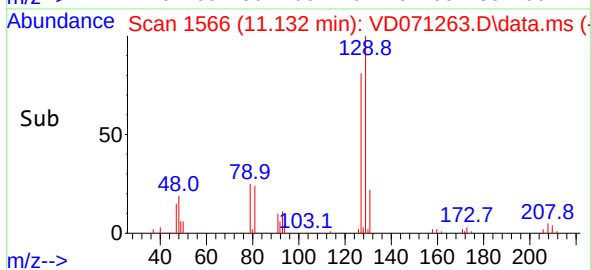
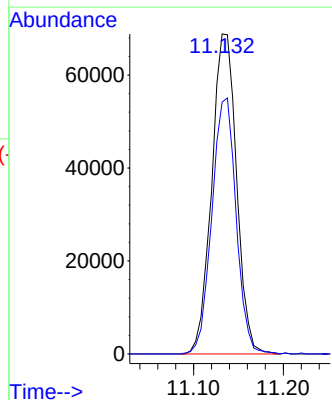
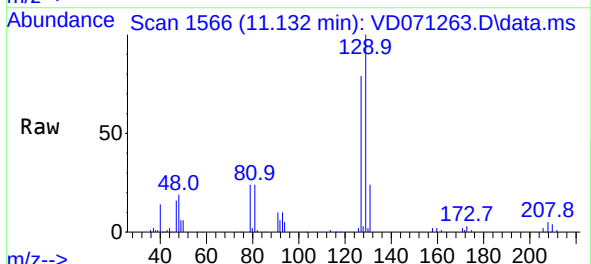


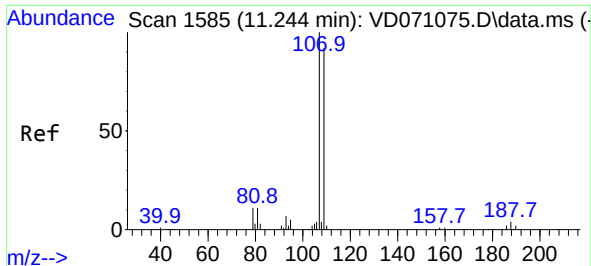
Tgt Ion: 43 Resp: 354836  
Ion Ratio Lower Upper  
43 100  
58 48.2 28.7 86.1



#60  
Dibromochloromethane  
Concen: 57.427 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 129 Resp: 132388  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.9 116.6

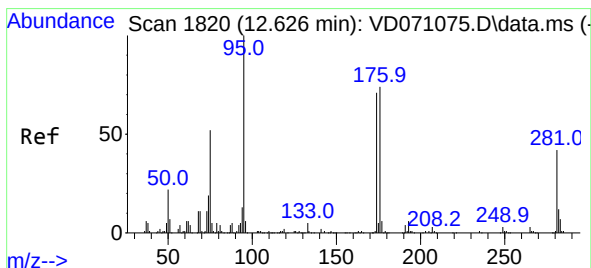
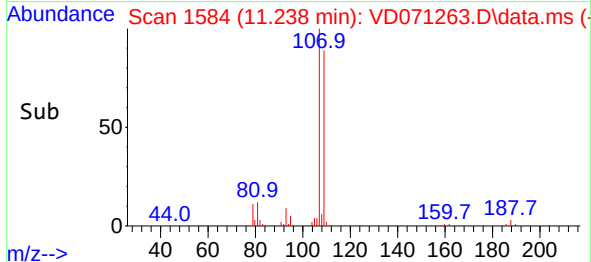
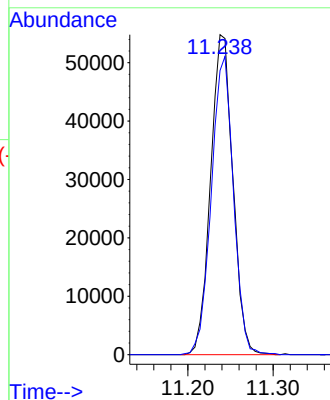
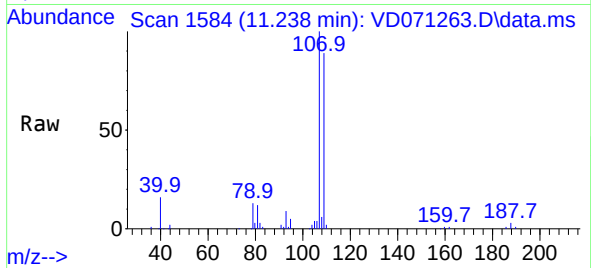




#61  
1,2-Dibromoethane  
Concen: 55.832 ug/l  
RT: 11.238 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

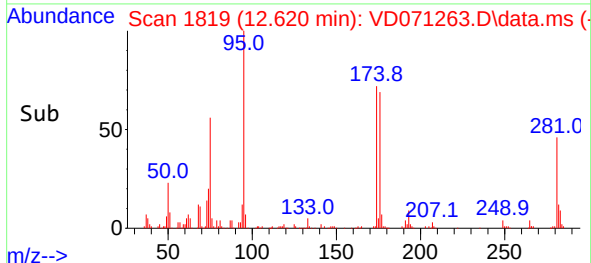
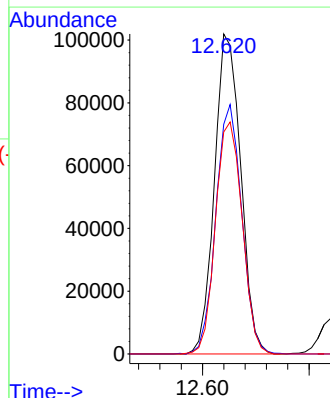
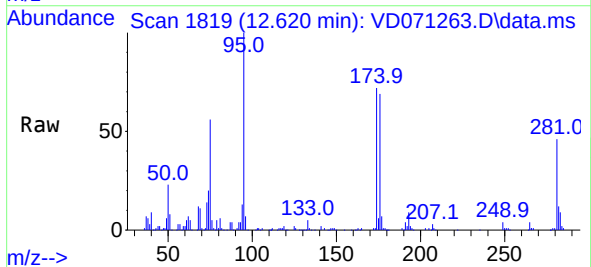
Instrument :  
MSVOA\_D  
ClientSampleId :

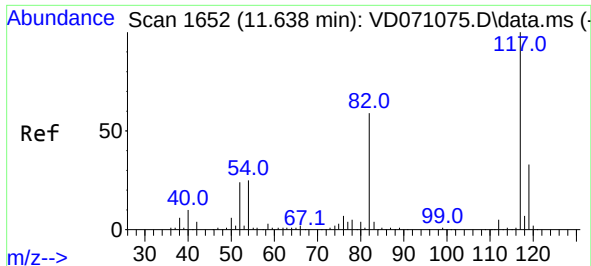
Tgt Ion:107 Resp: 99461  
Ion Ratio Lower Upper  
107 100  
109 92.6 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 50.834 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 95 Resp: 174306  
Ion Ratio Lower Upper  
95 100  
174 77.0 0.0 159.4  
176 73.8 0.0 154.0

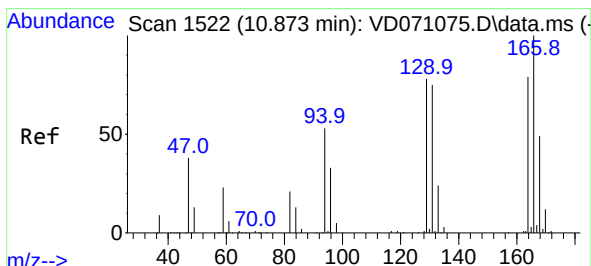
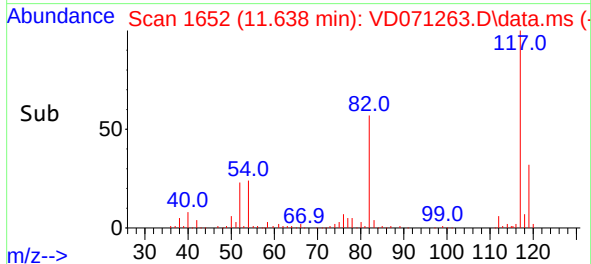
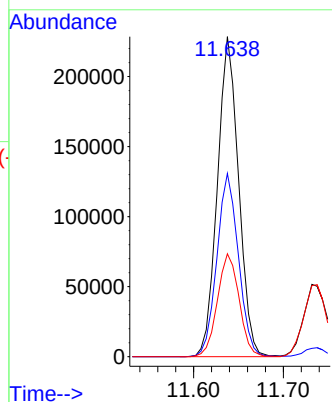
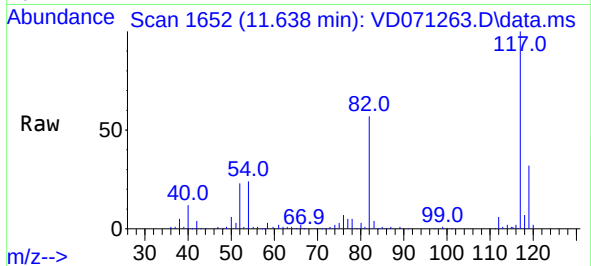




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

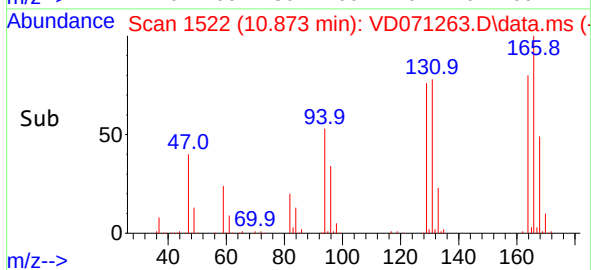
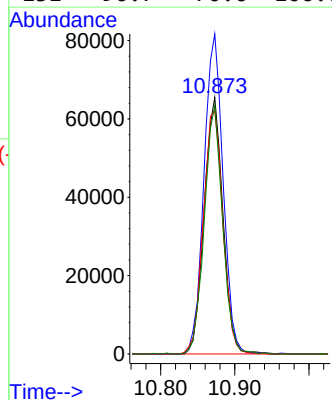
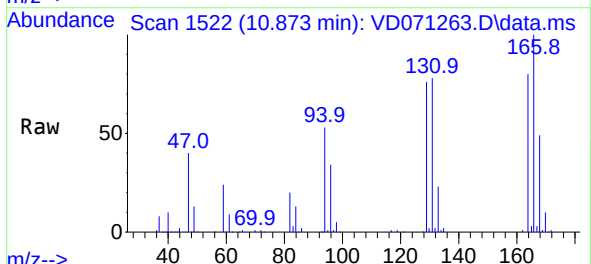
Instrument :  
MSVOA\_D  
ClientSampleId :

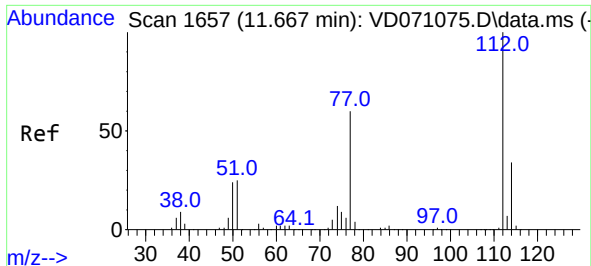
Tgt Ion:117 Resp: 374874  
Ion Ratio Lower Upper  
117 100  
82 57.3 44.7 67.1  
119 32.1 26.2 39.4



#64  
Tetrachloroethene  
Concen: 48.779 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

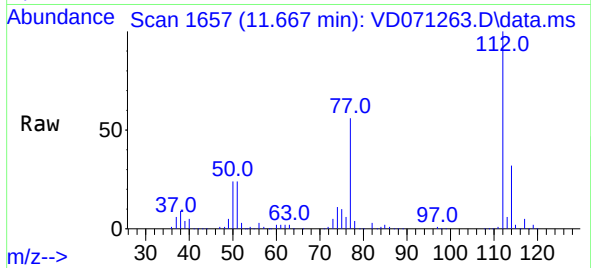
Tgt Ion:164 Resp: 116088  
Ion Ratio Lower Upper  
164 100  
166 124.8 102.6 153.8  
129 94.6 75.4 113.0  
131 96.7 70.6 106.0



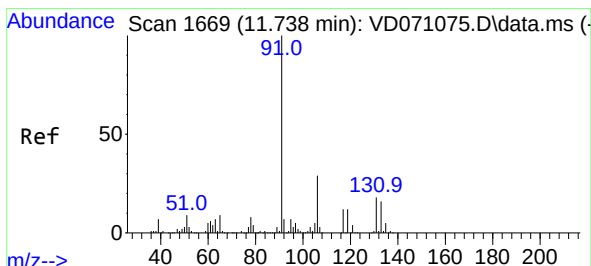
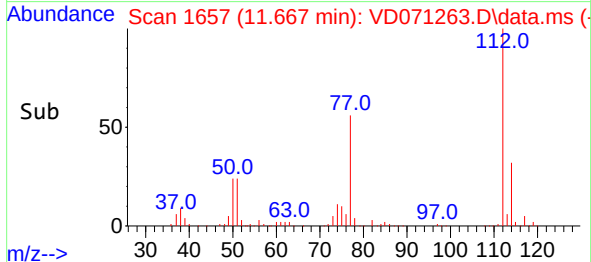
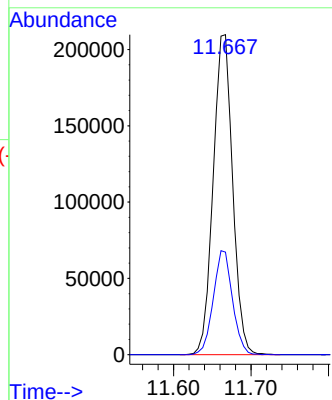


#65  
Chlorobenzene  
Concen: 52.596 ug/l  
RT: 11.667 min Scan# 1657  
Delta R.T. 0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Instrument :  
MSVOA\_D  
ClientSampleId :

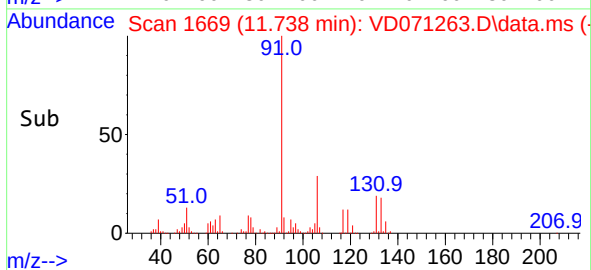
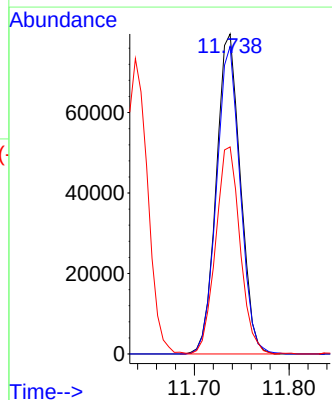
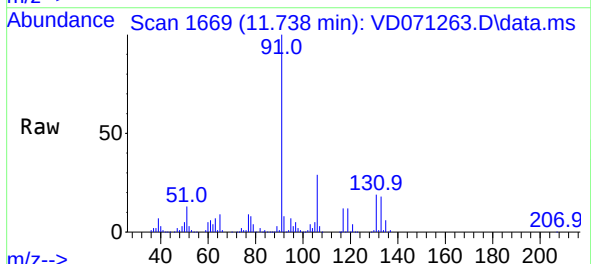


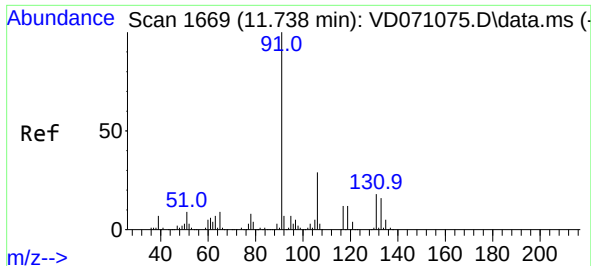
Tgt Ion:112 Resp: 365835  
Ion Ratio Lower Upper  
112 100  
114 32.1 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.360 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion:131 Resp: 140593  
Ion Ratio Lower Upper  
131 100  
133 94.6 48.0 144.0  
119 65.7 33.5 100.4

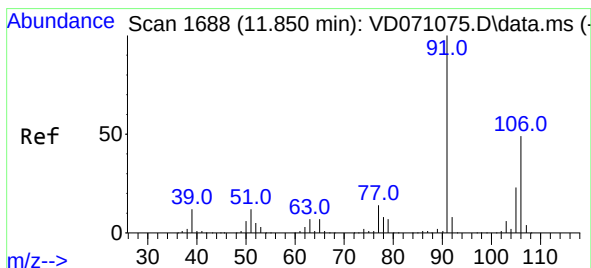
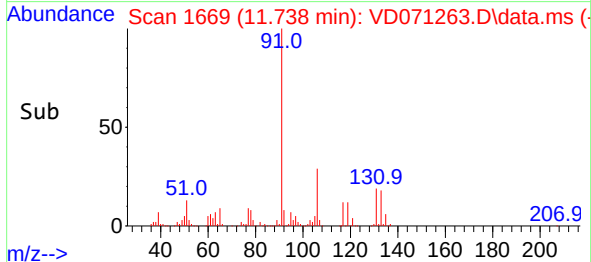
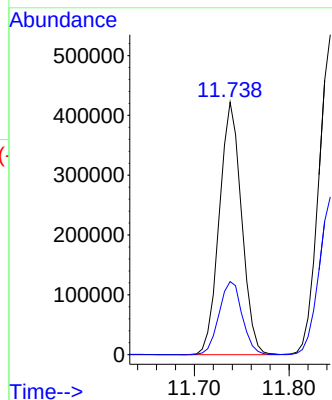
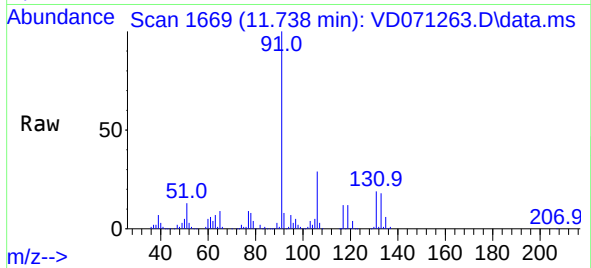




#67  
Ethyl Benzene  
Concen: 52.739 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

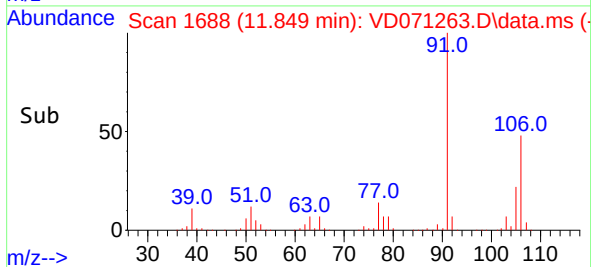
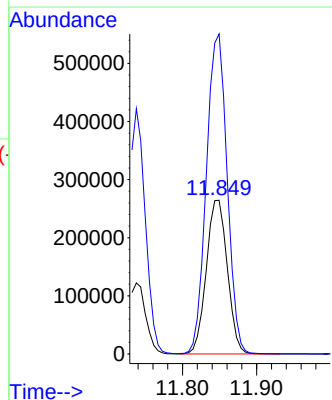
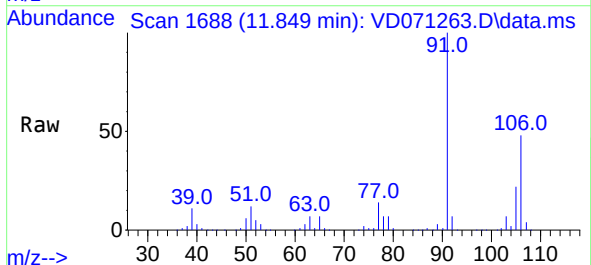
Instrument :  
MSVOA\_D  
ClientSampleId :

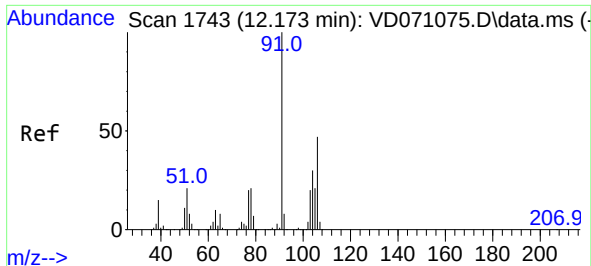
Tgt Ion: 91 Resp: 690556  
Ion Ratio Lower Upper  
91 100  
106 29.0 24.6 36.8



#68  
m/p-Xylenes  
Concen: 105.713 ug/l  
RT: 11.849 min Scan# 1688  
Delta R.T. -0.001 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion:106 Resp: 522583  
Ion Ratio Lower Upper  
106 100  
91 205.5 160.1 240.1

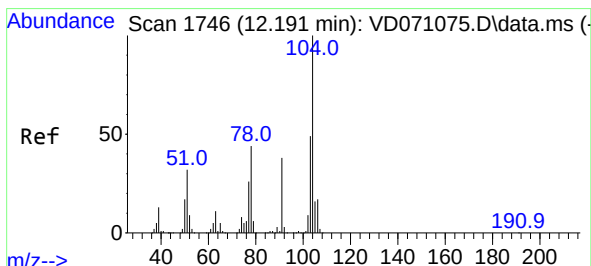
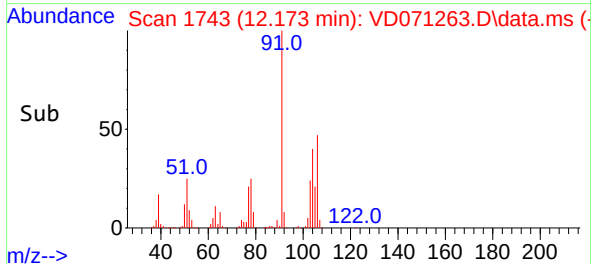
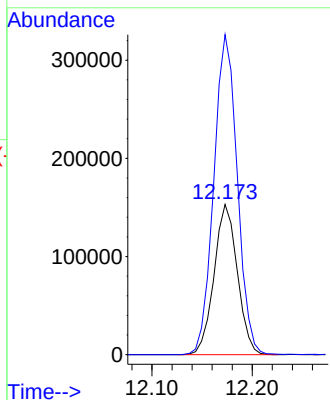
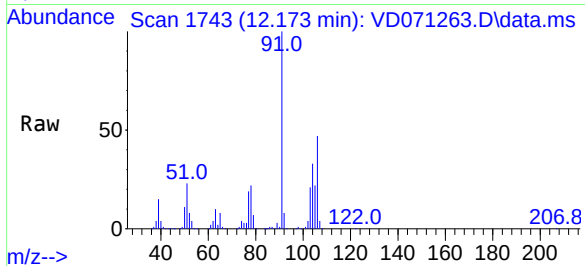




#69  
o-Xylene  
Concen: 53.048 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

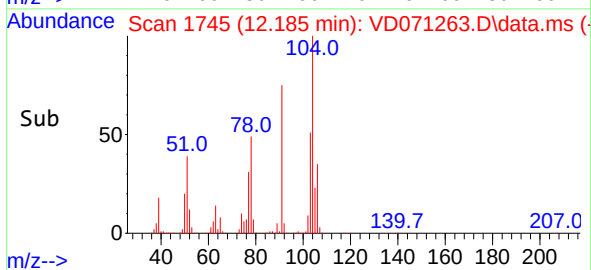
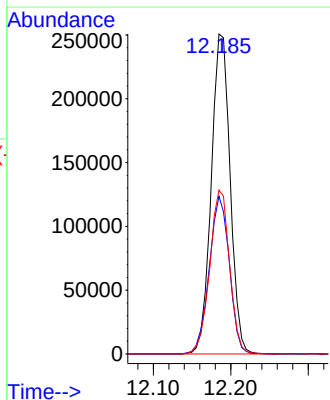
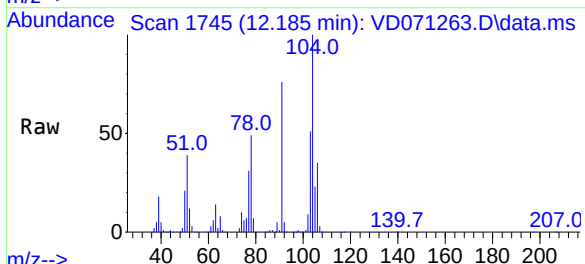
Instrument :  
MSVOA\_D  
ClientSampleId :

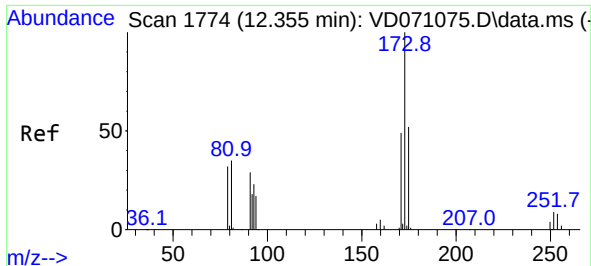
Tgt Ion:106 Resp: 246469  
Ion Ratio Lower Upper  
106 100  
91 215.3 106.3 319.0



#70  
Styrene  
Concen: 54.301 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

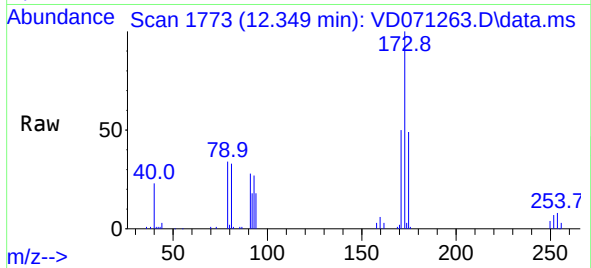
Tgt Ion:104 Resp: 425203  
Ion Ratio Lower Upper  
104 100  
78 52.4 39.4 59.0  
103 53.7 43.4 65.0



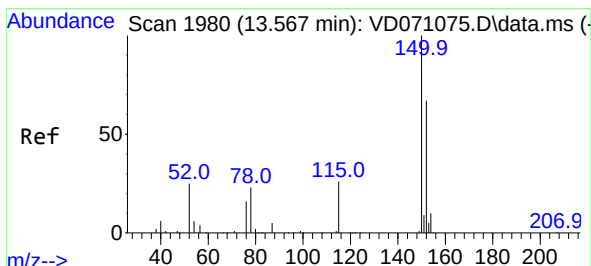
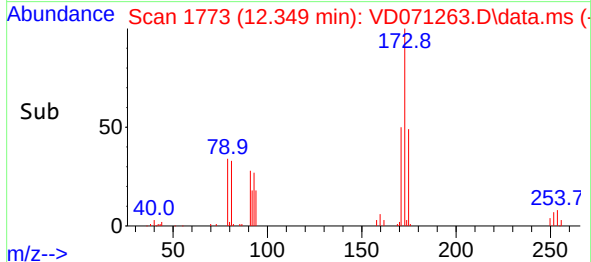
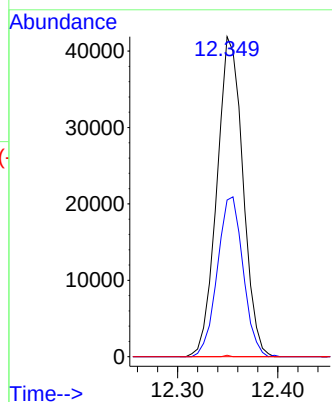


#71  
Bromoform  
Concen: 57.278 ug/l  
RT: 12.349 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Instrument :  
MSVOA\_D  
ClientSampleId :

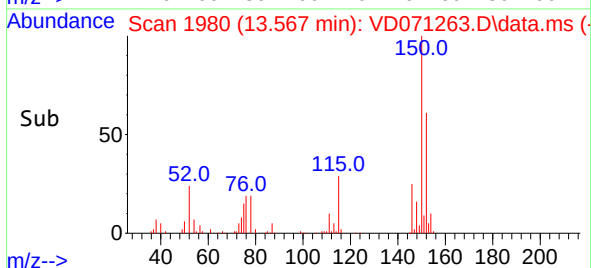
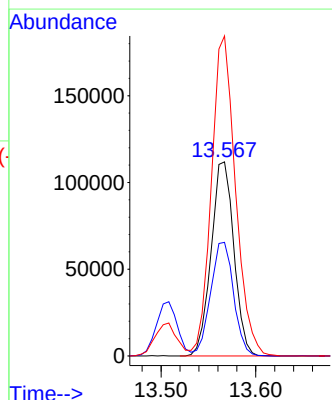
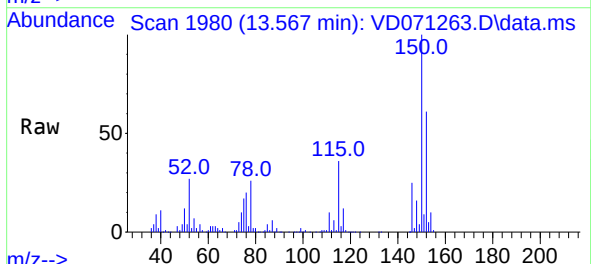


Tgt Ion:173 Resp: 75360  
Ion Ratio Lower Upper  
173 100  
175 49.5 24.1 72.2  
254 0.1 0.1 0.1

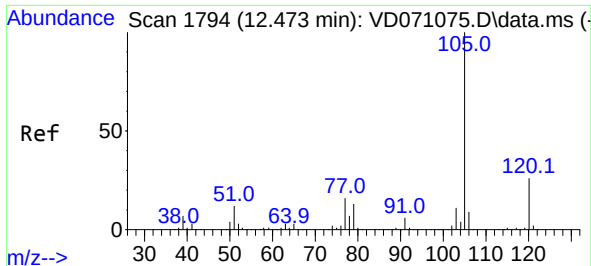


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.567 min Scan# 1980  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion:152 Resp: 186833  
Ion Ratio Lower Upper  
152 100  
115 59.2 29.8 89.3  
150 174.2 0.0 349.2



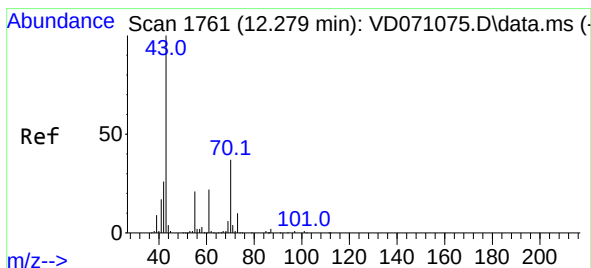
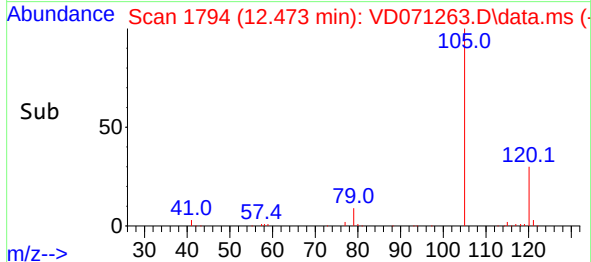
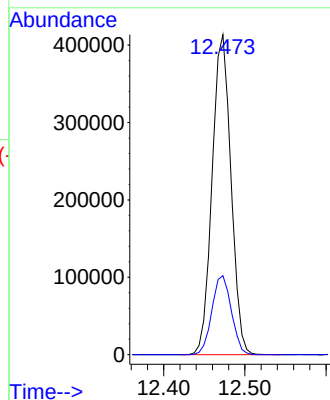
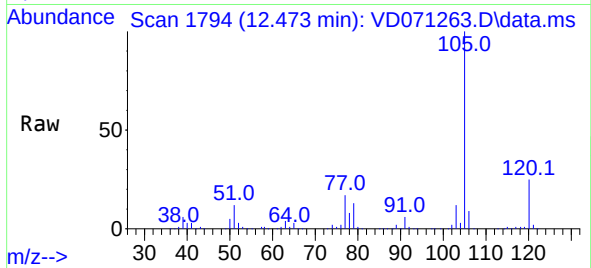




#73  
Isopropylbenzene  
Concen: 49.238 ug/l  
RT: 12.473 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

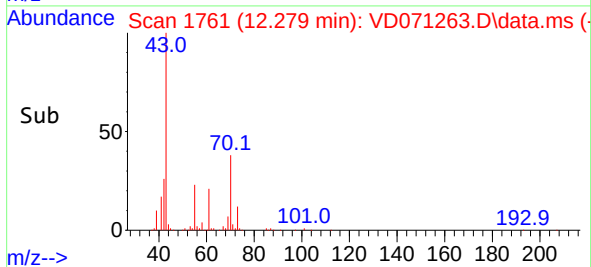
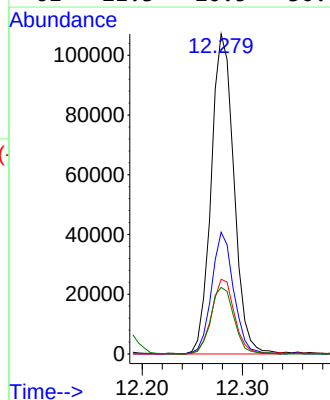
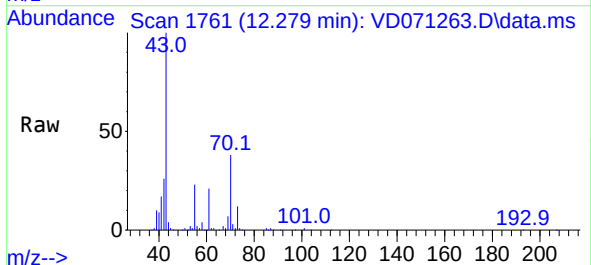
Instrument :  
MSVOA\_D  
ClientSampleId :

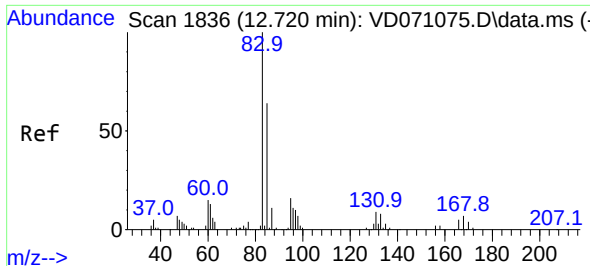
Tgt Ion:105 Resp: 666106  
Ion Ratio Lower Upper  
105 100  
120 25.5 13.2 39.5



#74  
N-ethyl acetate  
Concen: 46.087 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 43 Resp: 168833  
Ion Ratio Lower Upper  
43 100  
70 37.0 36.6 55.0  
55 23.5 22.5 33.7  
61 21.3 20.5 30.7

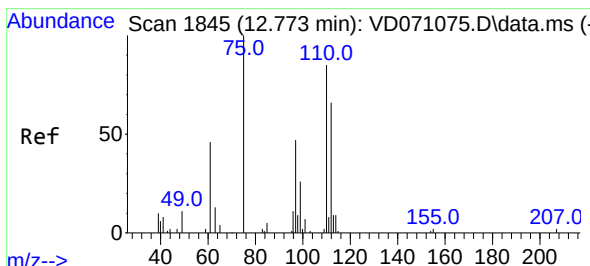
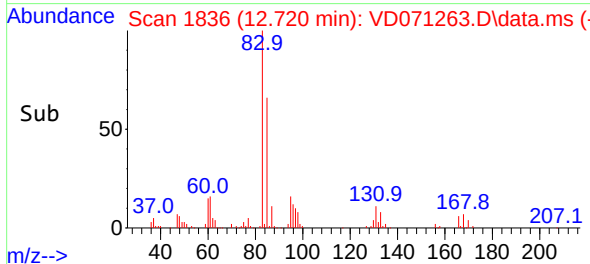
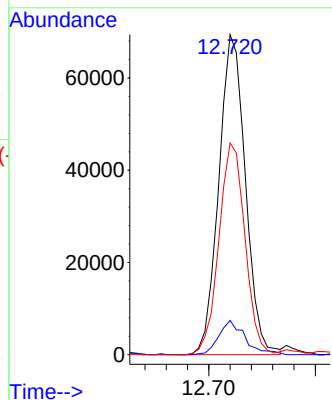
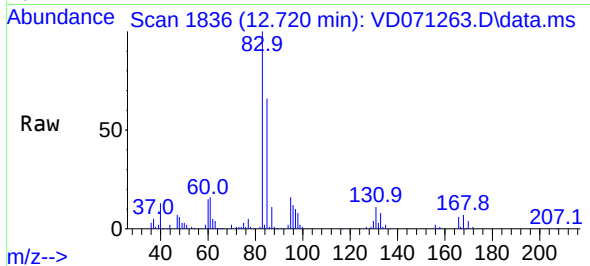




#75  
1,1,2,2-Tetrachloroethane  
Concen: 53.978 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

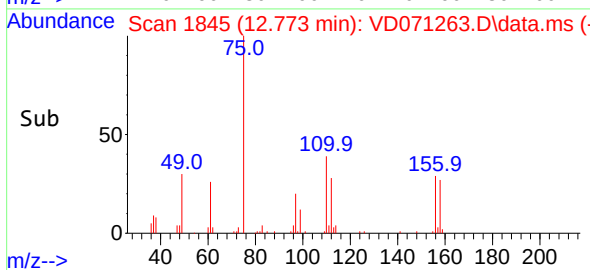
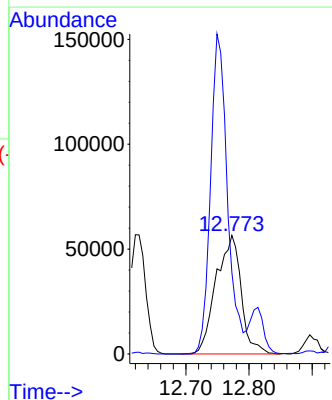
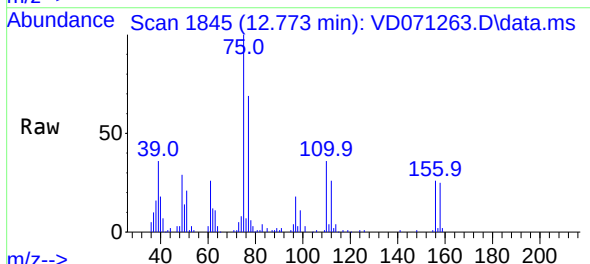
Instrument :  
MSVOA\_D  
ClientSampleId :

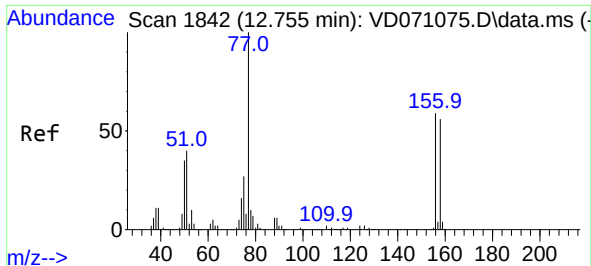
Tgt Ion: 83 Resp: 120254  
Ion Ratio Lower Upper  
83 100  
131 10.5 4.9 14.7  
85 64.8 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 87.708 ug/l  
RT: 12.773 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 75 Resp: 156126  
Ion Ratio Lower Upper  
75 100  
77 0.0 158.4 475.3#

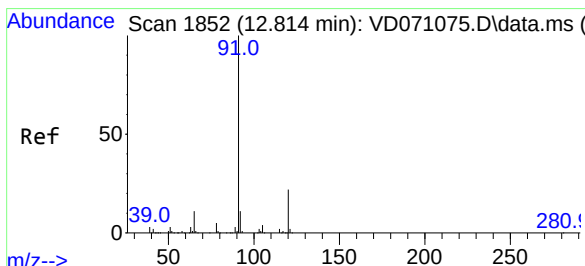
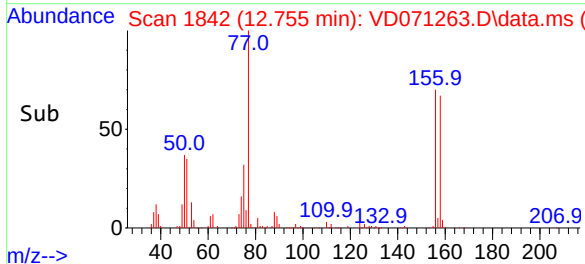
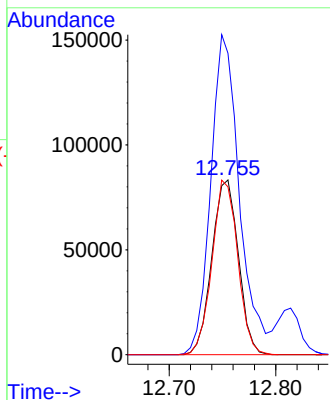
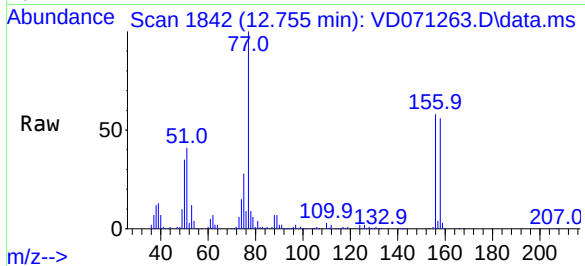




#77  
Bromobenzene  
Concen: 49.185 ug/l  
RT: 12.755 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

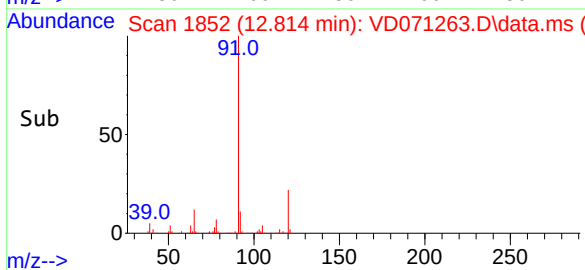
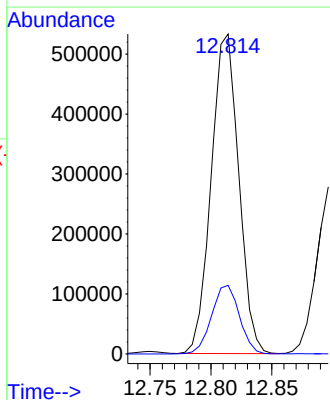
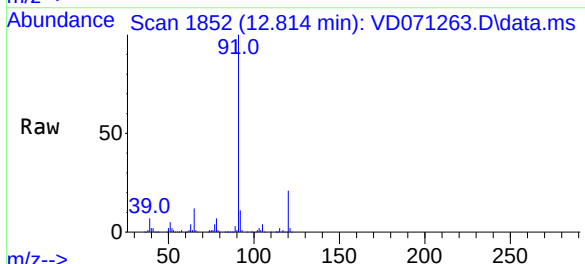
Instrument :  
MSVOA\_D  
ClientSampleId :

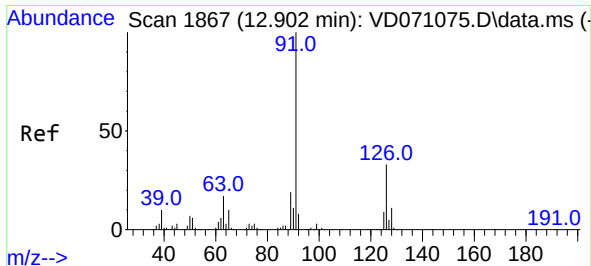
Tgt Ion:156 Resp: 144122  
Ion Ratio Lower Upper  
156 100  
77 196.3 96.6 289.8  
158 96.8 49.1 147.4



#78  
n-propylbenzene  
Concen: 49.856 ug/l  
RT: 12.814 min Scan# 1852  
Delta R.T. 0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 91 Resp: 839932  
Ion Ratio Lower Upper  
91 100  
120 21.7 10.9 32.9

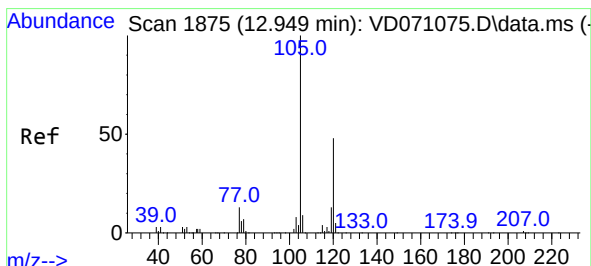
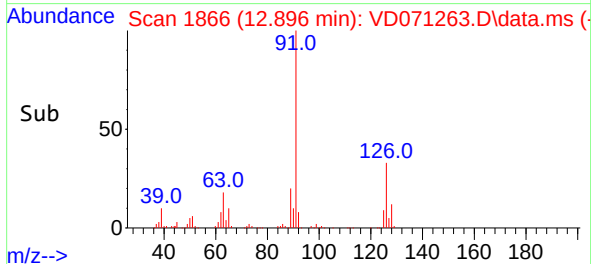
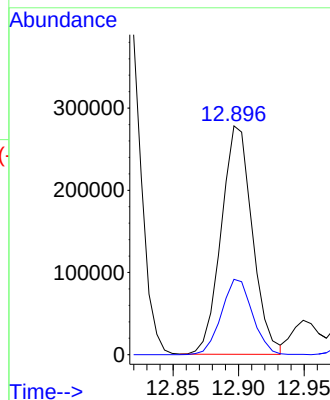
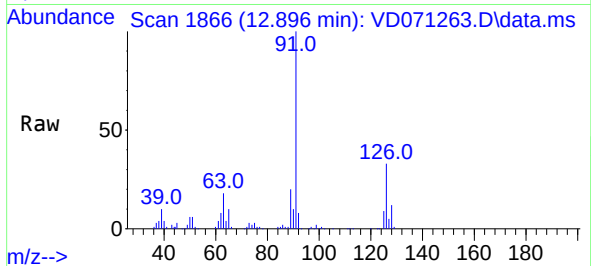




#79  
2-Chlorotoluene  
Concen: 48.611 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

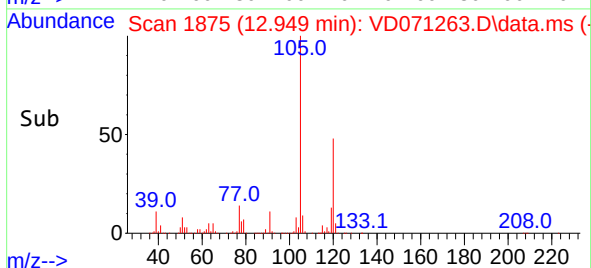
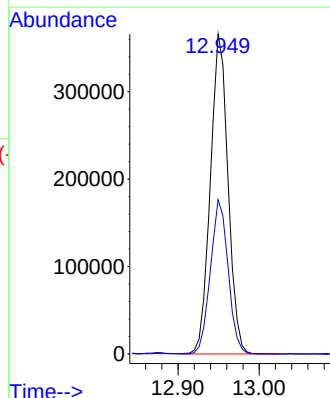
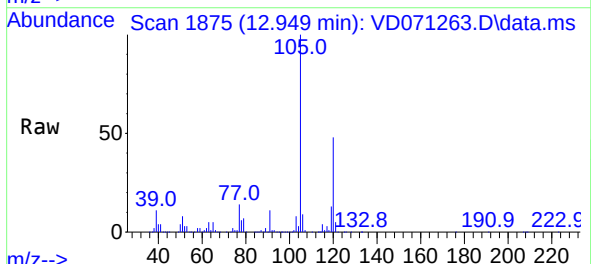
Instrument :  
MSVOA\_D  
ClientSampleId :

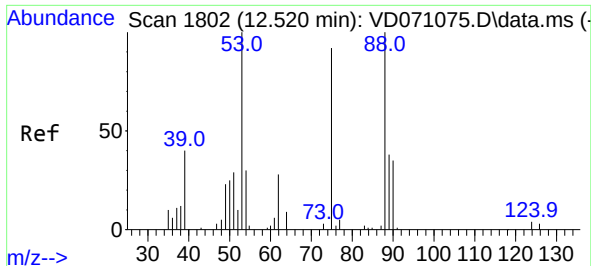
Tgt Ion: 91 Resp: 459642  
Ion Ratio Lower Upper  
91 100  
126 32.8 16.6 49.7



#80  
1,3,5-Trimethylbenzene  
Concen: 49.542 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 105 Resp: 552669  
Ion Ratio Lower Upper  
105 100  
120 48.3 24.6 73.8

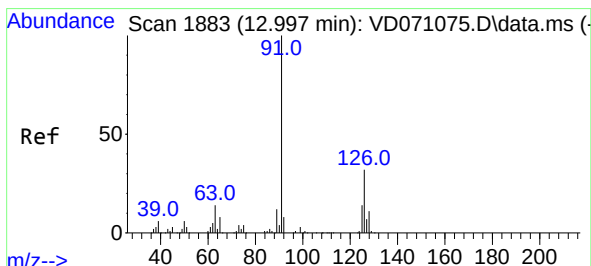
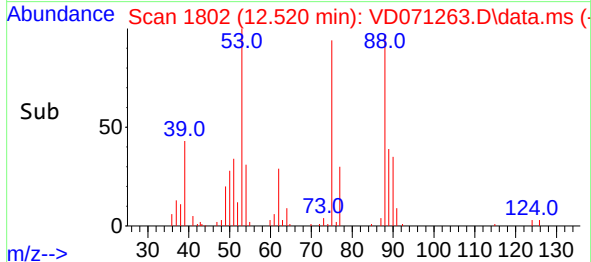
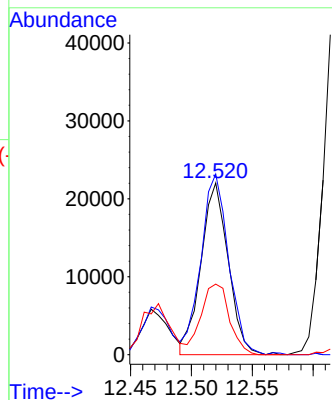
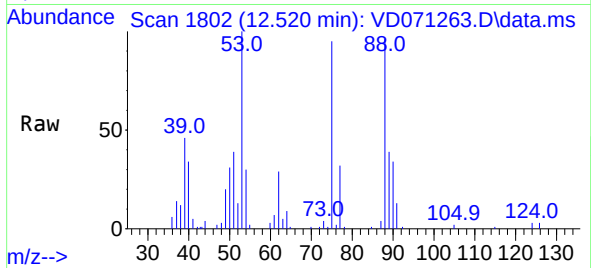




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.701 ug/l  
RT: 12.520 min Scan# 1802  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

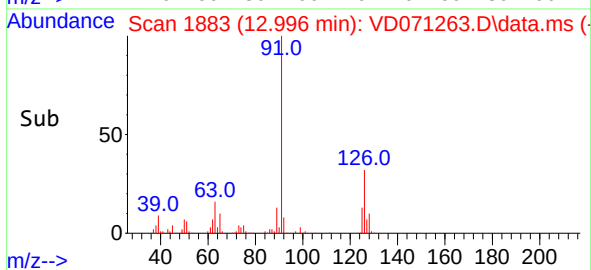
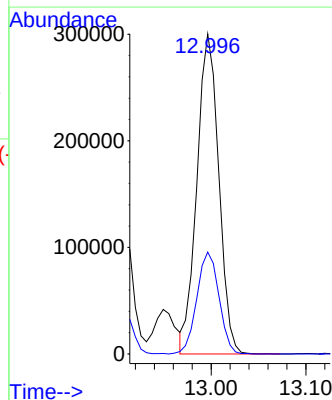
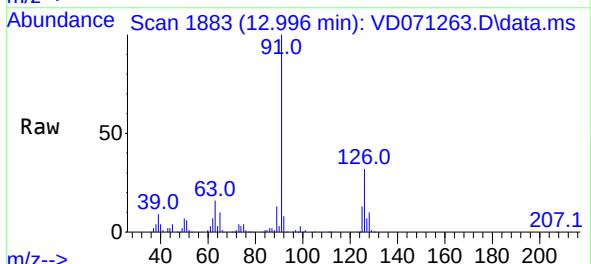
Instrument :  
MSVOA\_D  
ClientSampleId :

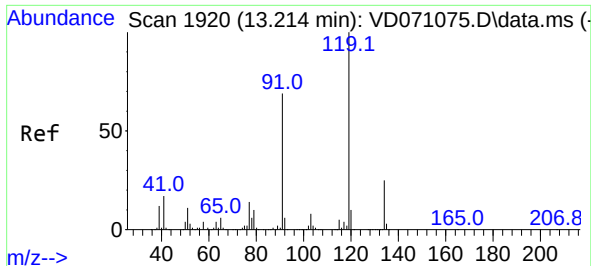
Tgt Ion: 75 Resp: 34354  
Ion Ratio Lower Upper  
75 100  
53 106.9 62.6 94.0#  
89 42.4 34.5 51.7



#82  
4-Chlorotoluene  
Concen: 48.995 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. -0.001 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 91 Resp: 480963  
Ion Ratio Lower Upper  
91 100  
126 32.3 16.4 49.1

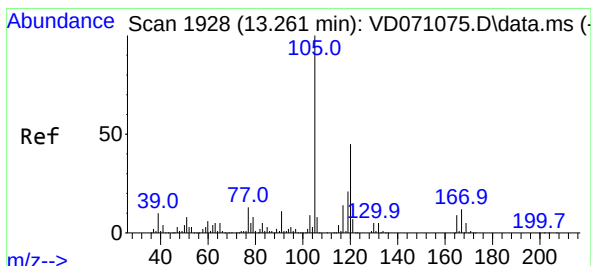
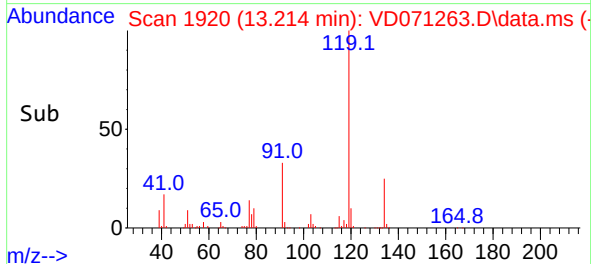
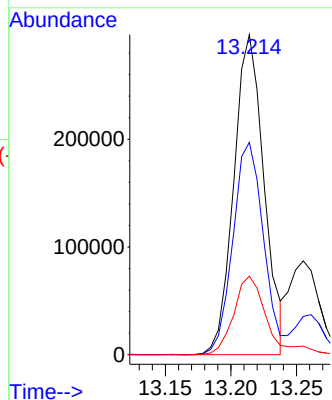
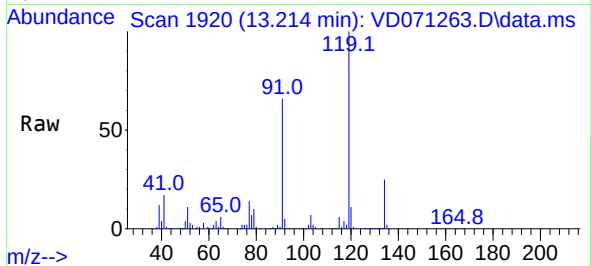




#83  
tert-Butylbenzene  
Concen: 49.838 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

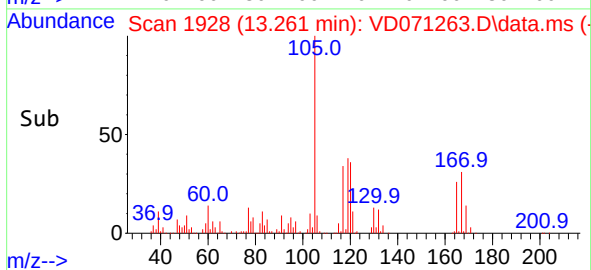
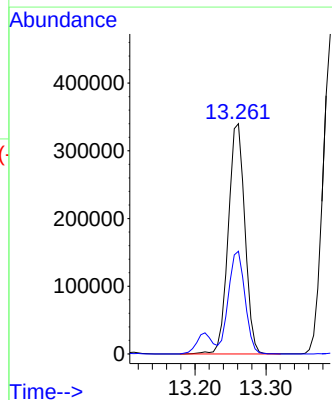
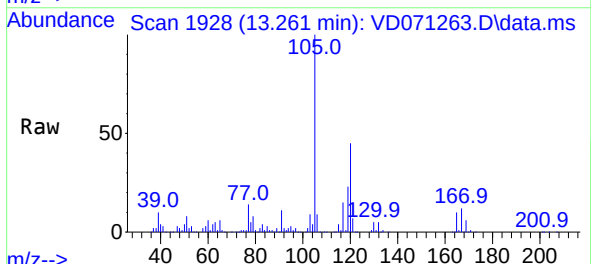
Instrument :  
MSVOA\_D  
ClientSampleId :

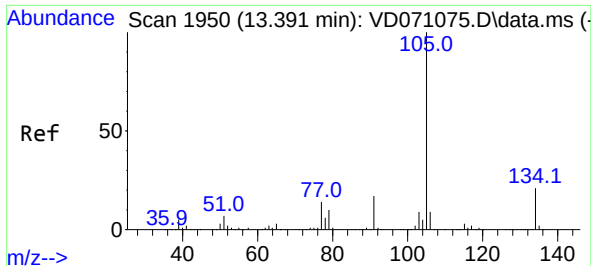
Tgt Ion:119 Resp: 477476  
Ion Ratio Lower Upper  
119 100  
91 67.9 32.5 97.5  
134 26.9 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 50.596 ug/l  
RT: 13.261 min Scan# 1928  
Delta R.T. 0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion:105 Resp: 551053  
Ion Ratio Lower Upper  
105 100  
120 44.5 22.9 68.7

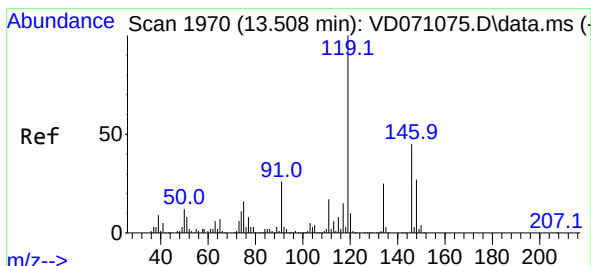
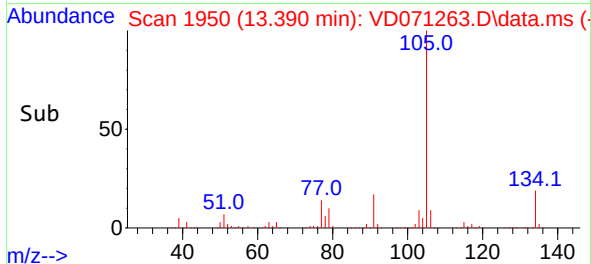
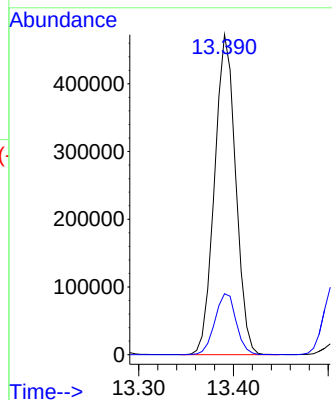
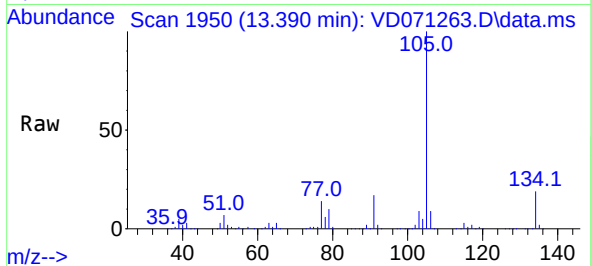




#85  
 sec-Butylbenzene  
 Concen: 50.086 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. -0.001 min  
 Lab File: VD071263.D  
 Acq: 11 Dec 2021 11:20

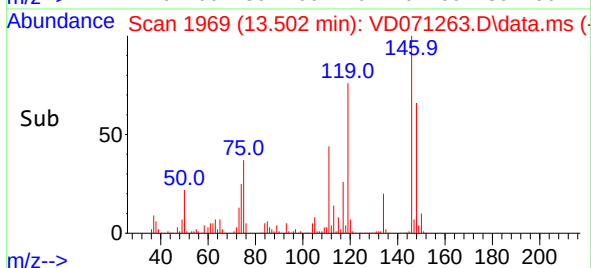
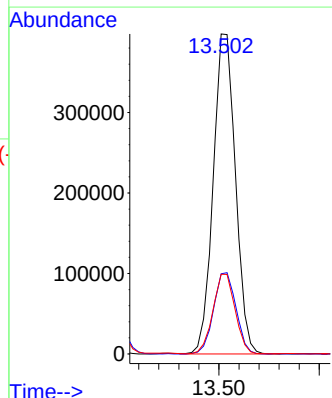
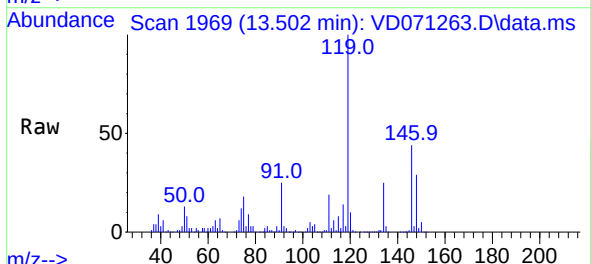
Instrument :  
 MSVOA\_D  
 ClientSampleId :

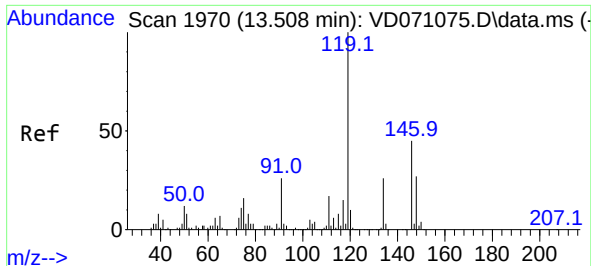
Tgt Ion:105 Resp: 732901  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 51.203 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.006 min  
 Lab File: VD071263.D  
 Acq: 11 Dec 2021 11:20

Tgt Ion:119 Resp: 612803  
 Ion Ratio Lower Upper  
 119 100  
 134 25.6 13.0 38.9  
 91 24.7 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 51.444 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. 0.000 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA\_D

ClientSampleId :

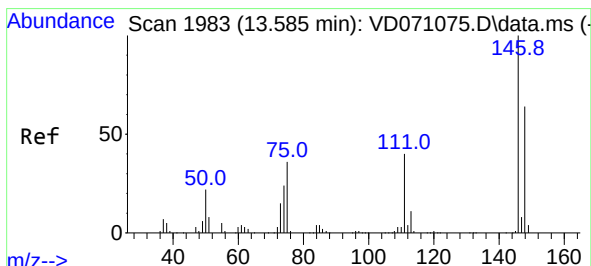
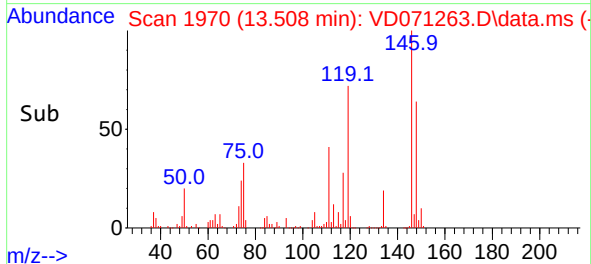
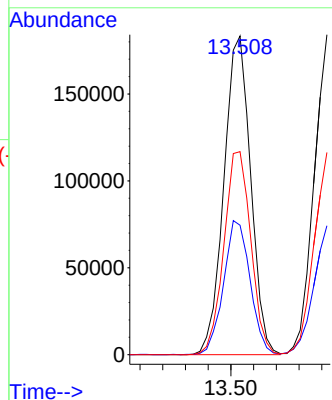
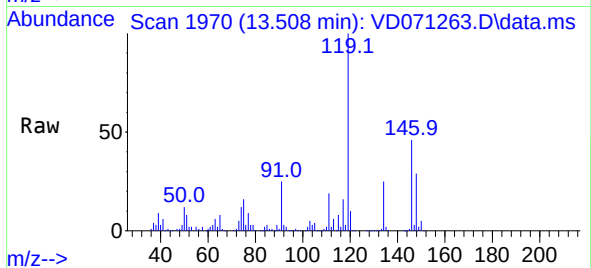
Tgt Ion:146 Resp: 300075

Ion Ratio Lower Upper

146 100

111 41.8 19.8 59.4

148 64.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 51.433 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

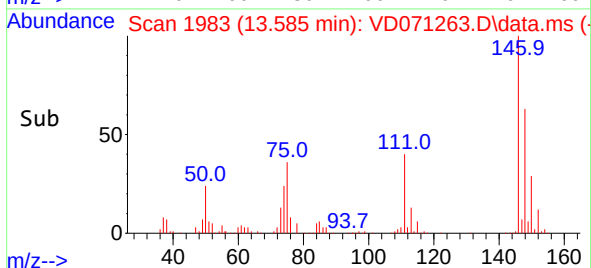
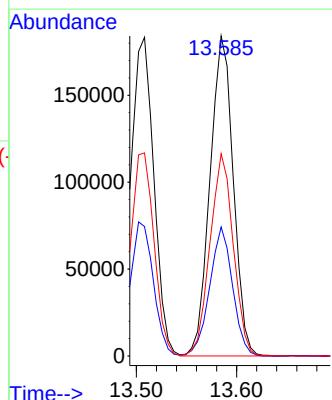
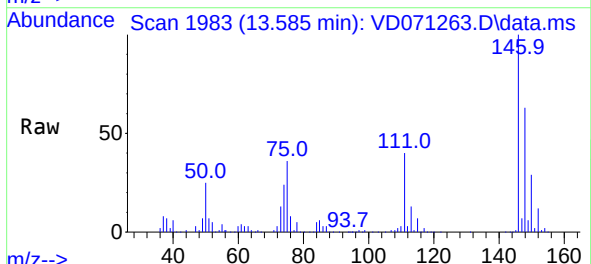
Tgt Ion:146 Resp: 297230

Ion Ratio Lower Upper

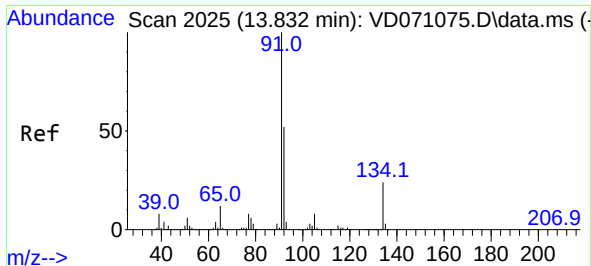
146 100

111 39.6 19.6 58.8

148 63.3 31.5 94.5



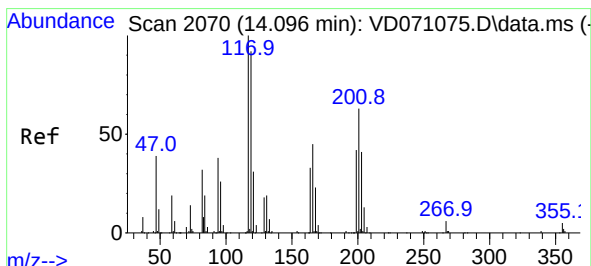
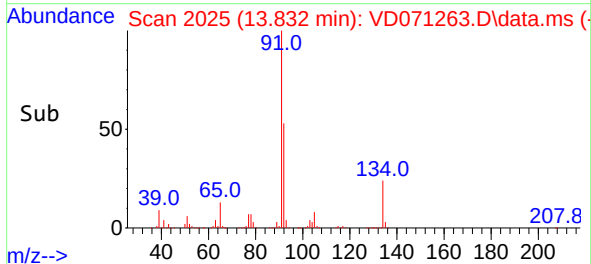
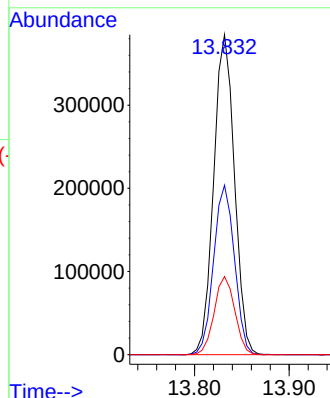
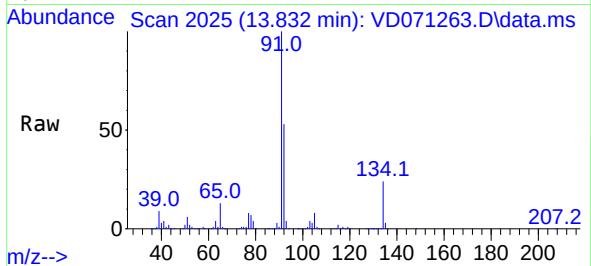




#89  
n-Butylbenzene  
Concen: 50.216 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

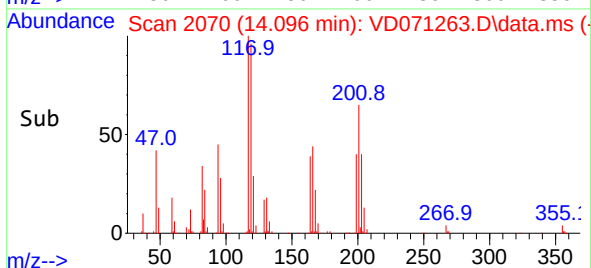
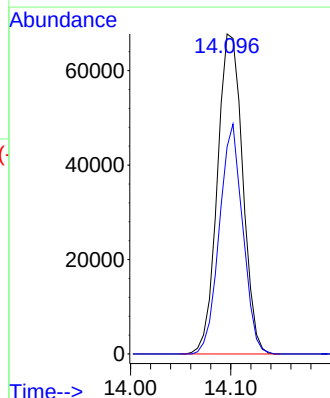
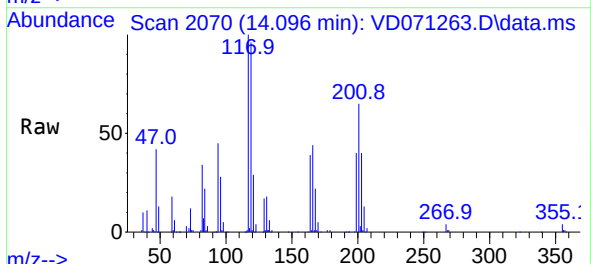
Instrument :  
MSVOA\_D  
ClientSampleId :

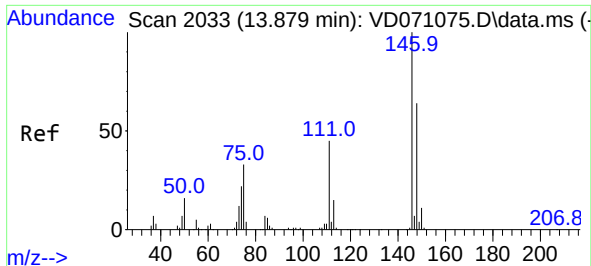
Tgt Ion: 91 Resp: 586672  
Ion Ratio Lower Upper  
91 100  
92 53.0 27.3 81.9  
134 24.2 12.3 36.9



#90  
Hexachloroethane  
Concen: 52.304 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. 0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion: 117 Resp: 118663  
Ion Ratio Lower Upper  
117 100  
201 66.4 36.0 108.1





#91

1,2-Dichlorobenzene

Concen: 51.707 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. -0.000 min

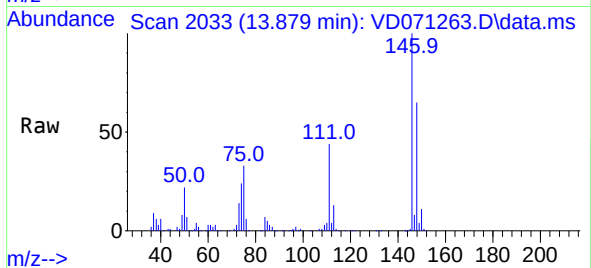
Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

Instrument :

MSVOA\_D

ClientSampleId :



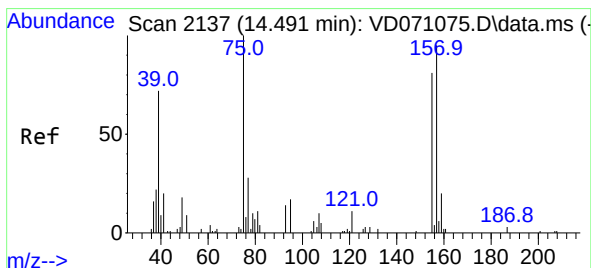
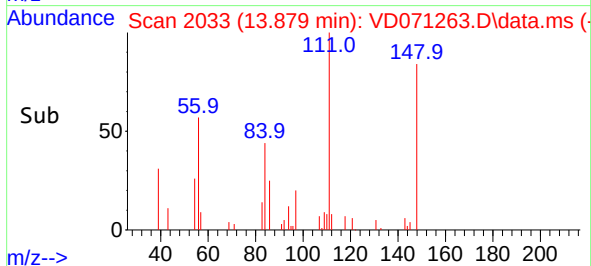
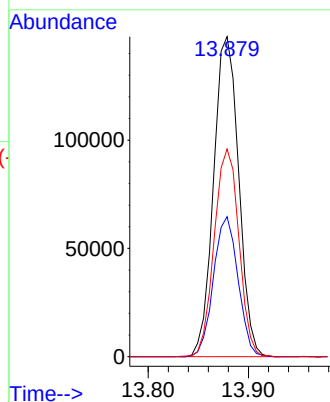
Tgt Ion:146 Resp: 256487

Ion Ratio Lower Upper

146 100

111 42.9 20.8 62.2

148 64.0 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.672 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. -0.001 min

Lab File: VD071263.D

Acq: 11 Dec 2021 11:20

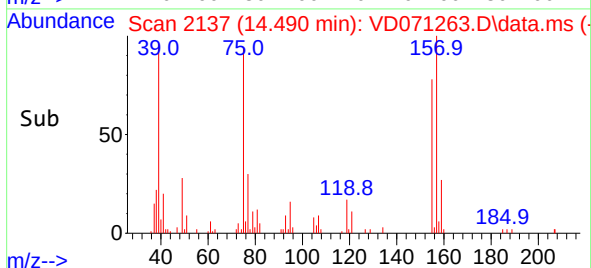
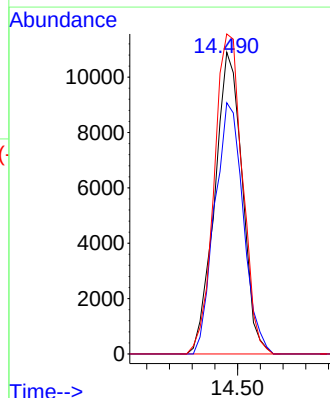
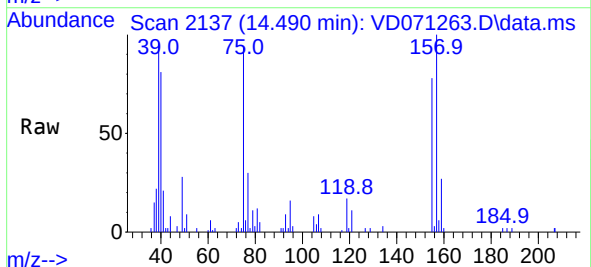
Tgt Ion: 75 Resp: 18384

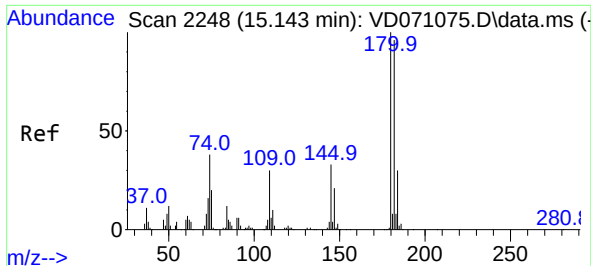
Ion Ratio Lower Upper

75 100

155 86.4 40.0 120.0

157 108.6 49.8 149.3

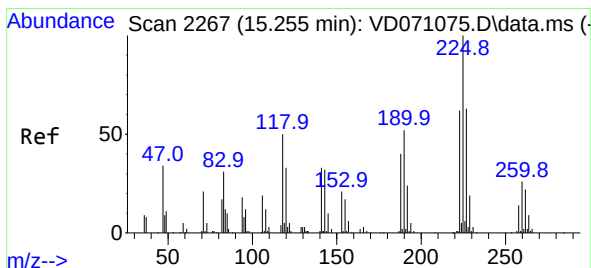
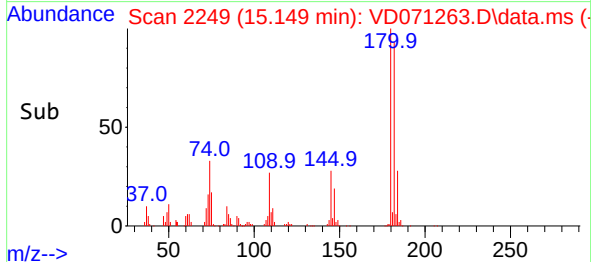
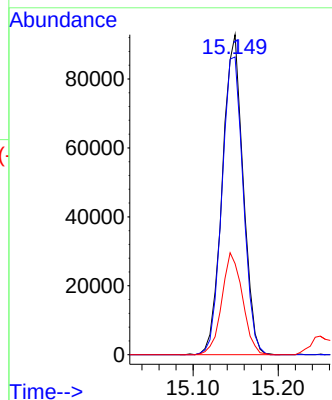
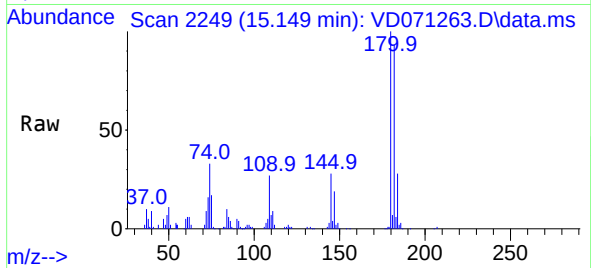




#93  
1,2,4-Trichlorobenzene  
Concen: 50.648 ug/l  
RT: 15.149 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

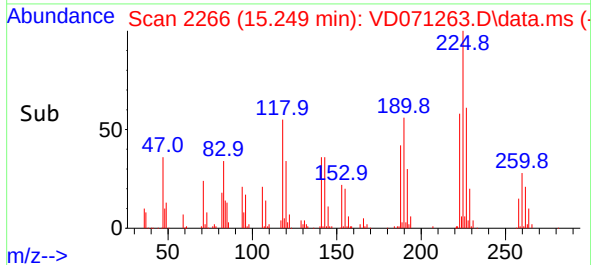
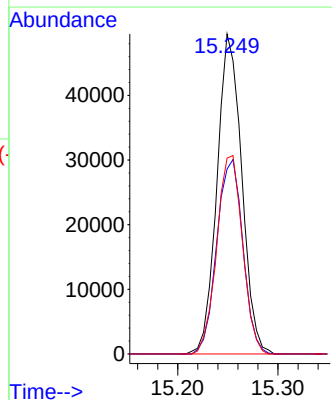
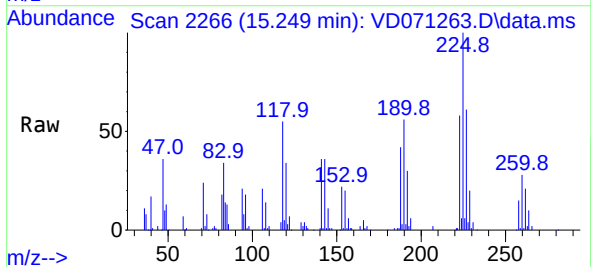
Instrument :  
MSVOA\_D  
ClientSampleId :

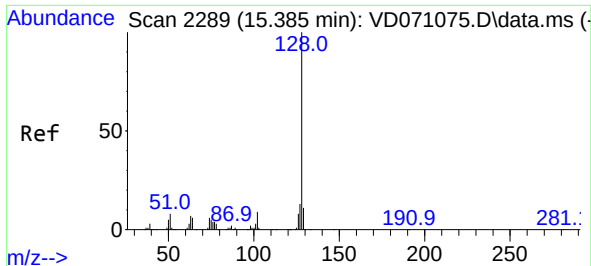
Tgt Ion:180 Resp: 156713  
Ion Ratio Lower Upper  
180 100  
182 95.4 48.2 144.6  
145 31.8 15.4 46.2



#94  
Hexachlorobutadiene  
Concen: 48.405 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. -0.006 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion:225 Resp: 84742  
Ion Ratio Lower Upper  
225 100  
223 64.2 31.8 95.3  
227 64.4 31.6 94.8

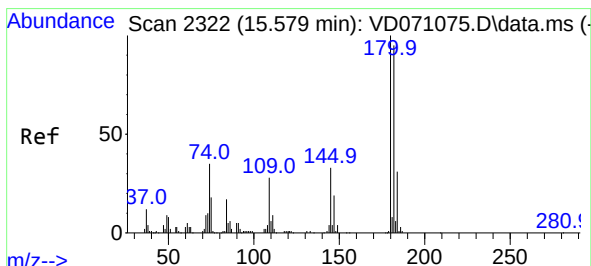
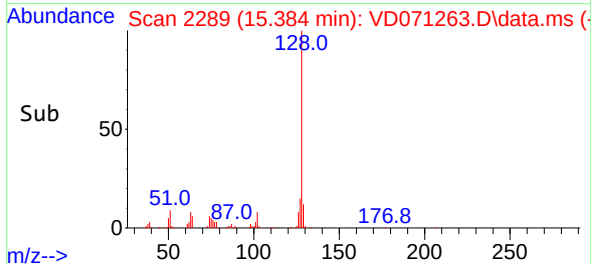
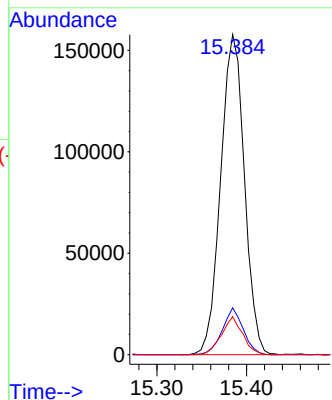
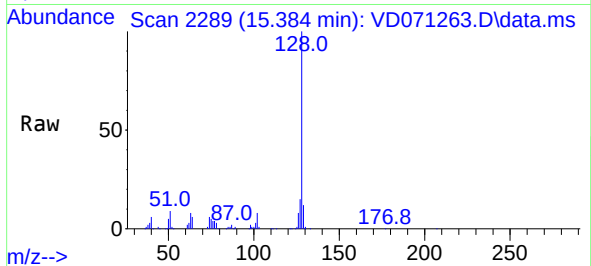




#95  
Naphthalene  
Concen: 53.105 ug/l  
RT: 15.384 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:128 Resp: 289661  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.7 16.1  
129 10.6 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 51.759 ug/l  
RT: 15.579 min Scan# 2322  
Delta R.T. -0.000 min  
Lab File: VD071263.D  
Acq: 11 Dec 2021 11:20

Tgt Ion:180 Resp: 136022  
Ion Ratio Lower Upper  
180 100  
182 94.2 46.7 140.1  
145 33.7 15.9 47.6

