

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110921\  
 Data File : VD070946.D  
 Acq On : 09 Nov 2021 11:00  
 Operator : VA/SY  
 Sample : VSTDIC020  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 10 03:41:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110921S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 10 03:40:32 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.979  | 168   | 415881   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.861  | 114   | 733564   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.638 | 117   | 658566   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.561 | 152   | 294591   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.332  | 65    | 86330    | 19.497   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 39.000%# |
| 35) Dibromofluoromethane     | 7.914  | 113   | 82102    | 19.834   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 39.660%# |
| 50) Toluene-d8               | 10.338 | 98    | 329876   | 20.349   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 40.700%# |
| 62) 4-Bromofluorobenzene     | 12.620 | 95    | 115057   | 19.712   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 39.420%  |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.985  | 85    | 69819    | 19.650   | ug/l   | 99       |
| 3) Chloromethane             | 2.209  | 50    | 79809    | 18.876   | ug/l   | 97       |
| 4) Vinyl Chloride            | 2.350  | 62    | 74948    | 18.432   | ug/l   | 96       |
| 5) Bromomethane              | 2.750  | 94    | 50855    | 18.349   | ug/l   | 86       |
| 6) Chloroethane              | 2.915  | 64    | 46322    | 17.737   | ug/l   | 92       |
| 7) Trichlorofluoromethane    | 3.273  | 101   | 115410   | 17.636   | ug/l   | 99       |
| 8) Diethyl Ether             | 3.709  | 74    | 37616    | 17.368   | ug/l   | 91       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097  | 101   | 72079    | 17.868   | ug/l   | 96       |
| 10) Methyl Iodide            | 4.303  | 142   | 63640    | 16.079   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.220  | 59    | 27838    | 86.025   | ug/l # | 71       |
| 12) 1,1-Dichloroethene       | 4.067  | 96    | 68894    | 17.445   | ug/l   | 86       |
| 13) Acrolein                 | 3.926  | 56    | 12501    | 112.337  | ug/l   | 99       |
| 14) Allyl chloride           | 4.714  | 41    | 141346   | 17.183   | ug/l # | 87       |
| 15) Acrylonitrile            | 5.414  | 53    | 86012    | 82.995   | ug/l   | 97       |
| 16) Acetone                  | 4.162  | 43    | 73908    | 66.589   | ug/l   | 92       |
| 17) Carbon Disulfide         | 4.409  | 76    | 226680   | 17.777   | ug/l   | 100      |
| 18) Methyl Acetate           | 4.714  | 43    | 63988    | 16.844   | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 5.473  | 73    | 172777   | 16.948   | ug/l   | 98       |
| 20) Methylene Chloride       | 4.961  | 84    | 93257    | 16.855   | ug/l   | 90       |
| 21) trans-1,2-Dichloroethene | 5.473  | 96    | 80048    | 17.685   | ug/l   | 92       |
| 22) Diisopropyl ether        | 6.361  | 45    | 277404   | 16.964   | ug/l   | 93       |
| 23) Vinyl Acetate            | 6.303  | 43    | 645852   | 82.249   | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 6.261  | 63    | 151521   | 17.348   | ug/l   | 99       |
| 25) 2-Butanone               | 7.208  | 43    | 109698   | 78.040   | ug/l   | 90       |
| 26) 2,2-Dichloropropane      | 7.203  | 77    | 126737   | 17.193   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.208  | 96    | 88078    | 17.022   | ug/l   | 93       |
| 28) Bromochloromethane       | 7.544  | 49    | 71005    | 19.166   | ug/l   | 88       |
| 29) Tetrahydrofuran          | 7.561  | 42    | 73640    | 81.852   | ug/l   | 94       |
| 30) Chloroform               | 7.708  | 83    | 142118   | 17.114   | ug/l   | 99       |
| 31) Cyclohexane              | 7.985  | 56    | 159257   | 17.489   | ug/l   | 98       |
| 32) 1,1,1-Trichloroethane    | 7.902  | 97    | 120487   | 16.893   | ug/l   | 95       |
| 36) 1,1-Dichloropropene      | 8.108  | 75    | 114431   | 17.471   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.291  | 43    | 52725    | 17.645   | ug/l # | 89       |
| 38) Carbon Tetrachloride     | 8.097  | 117   | 102326   | 16.965   | ug/l   | 95       |
| 39) Methylcyclohexane        | 9.355  | 83    | 149081   | 17.624   | ug/l   | 95       |
| 40) Benzene                  | 8.350  | 78    | 318561   | 17.271   | ug/l   | 97       |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 10 03:41:59 2021  
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 Quant Title : SW846 8260  
 QLast Update : Wed Nov 10 03:40:32 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 29500    | 19.996  | ug/l # | 80       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 86750    | 16.605  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 105152   | 16.627  | ug/l   | 91       |
| 44) Trichloroethene           | 9.108  | 130  | 81425    | 17.127  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 9.385  | 63   | 85967    | 17.234  | ug/l   | 94       |
| 46) Dibromomethane            | 9.473  | 93   | 40921    | 17.235  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.655  | 83   | 104723   | 16.675  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.449  | 41   | 52048    | 16.777  | ug/l   | 87       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 9431     | 342.820 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 257624   | 84.027  | ug/l   | 91       |
| 52) Toluene                   | 10.396 | 92   | 204590   | 17.596  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 107161   | 16.921  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 126565   | 16.948  | ug/l # | 82       |
| 55) 1,1,2-Trichloroethane     | 10.791 | 97   | 57155    | 17.515  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 76599    | 16.590  | ug/l # | 80       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 100082   | 16.888  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 227582   | 94.811  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.979 | 43   | 179516   | 80.399  | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.132 | 129  | 65963    | 16.850  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 52940    | 16.678  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.873 | 164  | 67795    | 17.654  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.661 | 112  | 205223   | 17.465  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.732 | 131  | 72260    | 17.326  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.738 | 91   | 393642   | 17.690  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.843 | 106  | 290878   | 34.975  | ug/l   | 97       |
| 69) o-Xylene                  | 12.173 | 106  | 139283   | 17.607  | ug/l   | 99       |
| 70) Styrene                   | 12.185 | 104  | 232242   | 17.339  | ug/l   | 97       |
| 71) Bromoform                 | 12.349 | 173  | 37398    | 17.195  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.467 | 105  | 367485   | 17.316  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.279 | 43   | 101779   | 16.787  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 62882    | 17.214  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 83704    | 93.920  | ug/l # | 1        |
| 77) Bromobenzene              | 12.749 | 156  | 80116    | 17.668  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.808 | 91   | 454659   | 17.290  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 255714   | 17.054  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 303166   | 17.350  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.520 | 75   | 19594    | 16.320  | ug/l   | 87       |
| 82) 4-Chlorotoluene           | 12.990 | 91   | 265286   | 17.143  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.214 | 119  | 262951   | 17.469  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 297627   | 17.392  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.390 | 105  | 394616   | 17.438  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 314181   | 17.290  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 155431   | 17.531  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.585 | 146  | 155081   | 17.470  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.832 | 91   | 318894   | 17.462  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.096 | 117  | 62285    | 17.321  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 132217   | 17.210  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.490 | 75   | 10178    | 16.989  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 83835    | 17.056  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 44020    | 17.758  | ug/l   | 100      |
| 95) Naphthalene               | 15.384 | 128  | 157240   | 16.754  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 72068    | 17.438  | ug/l   | 99       |

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QLast Update : Wed Nov 10 03:40:32 2021  
Response via : Initial Calibration

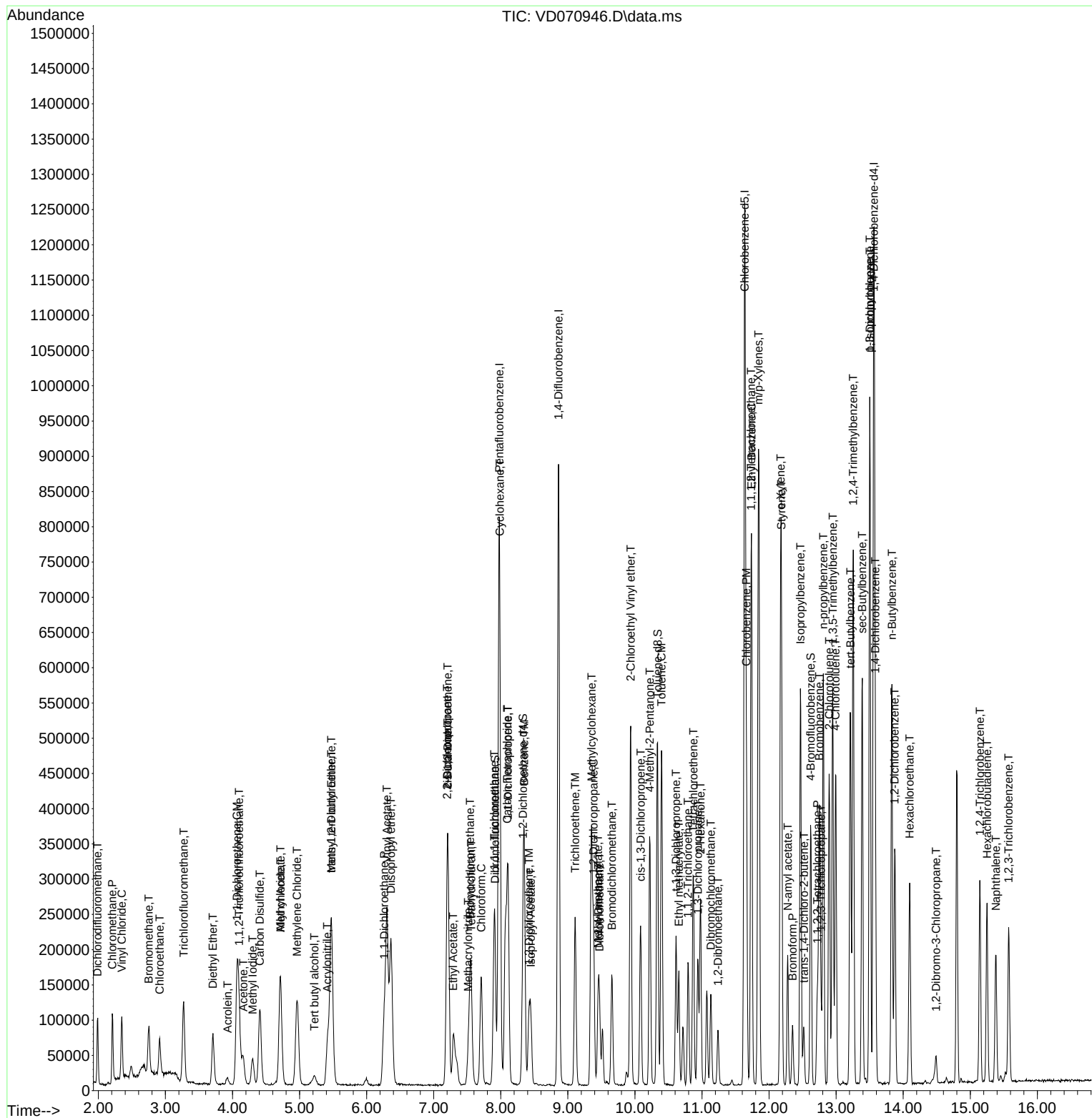
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

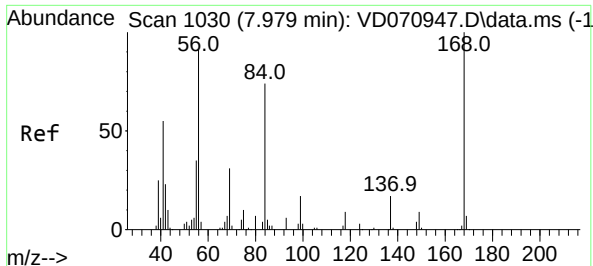
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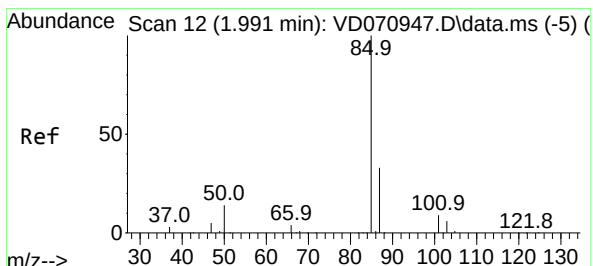
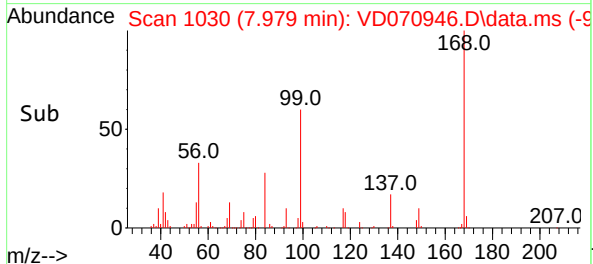
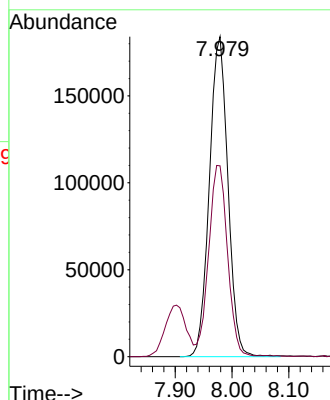
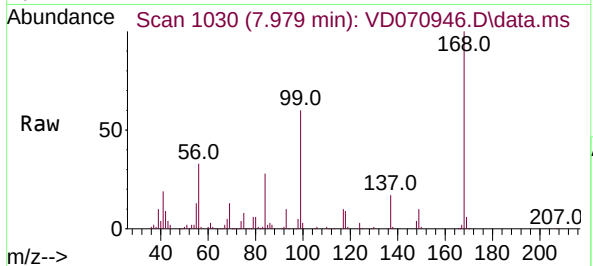




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.979 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

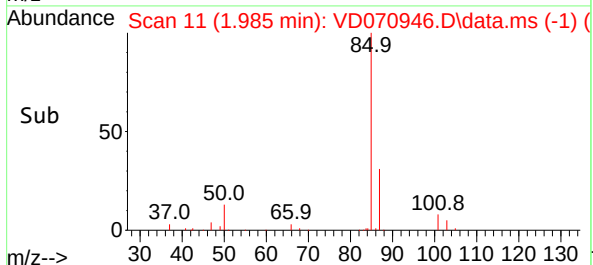
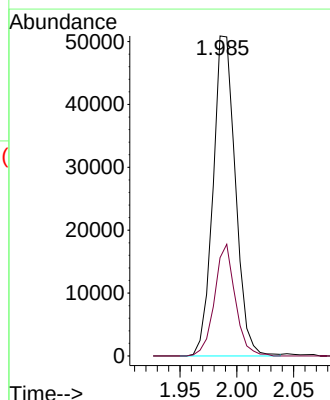
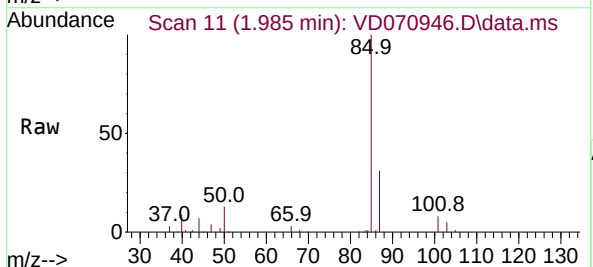
Instrument :  
MSVOA\_D  
ClientSampleId :

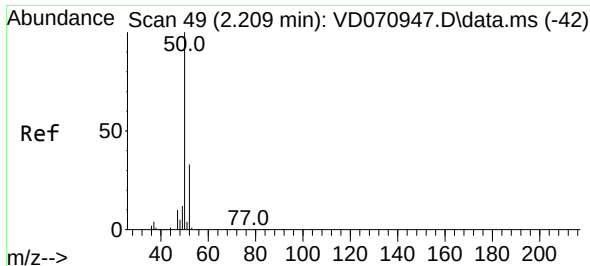
Tgt Ion:168 Resp: 415881  
Ion Ratio Lower Upper  
168 100  
99 59.4 46.6 69.8



#2  
Dichlorodifluoromethane  
Concen: 19.650 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion: 85 Resp: 69819  
Ion Ratio Lower Upper  
85 100  
87 30.7 15.2 45.6

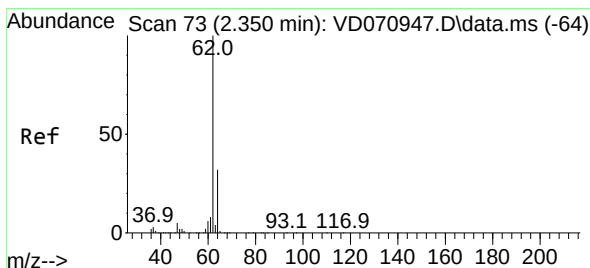
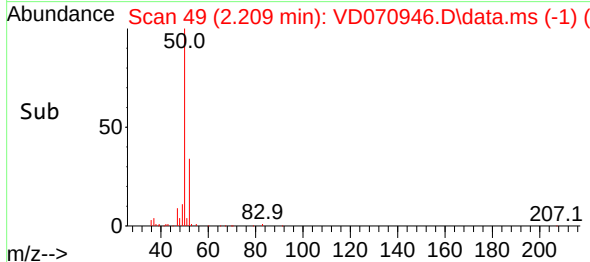
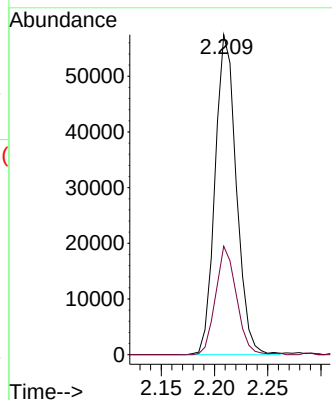
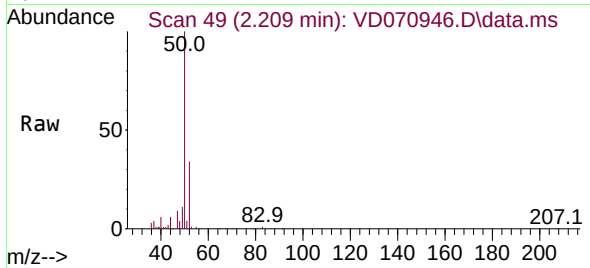




#3  
Chloromethane  
Concen: 18.876 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

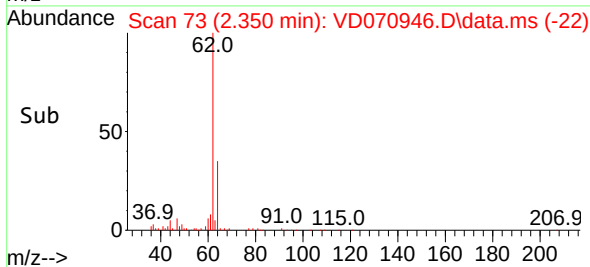
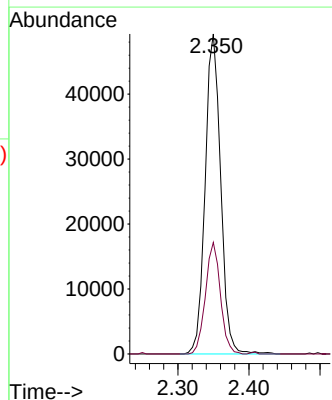
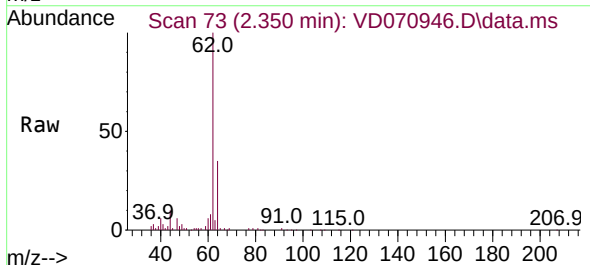
Instrument :  
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ClientSampleId :

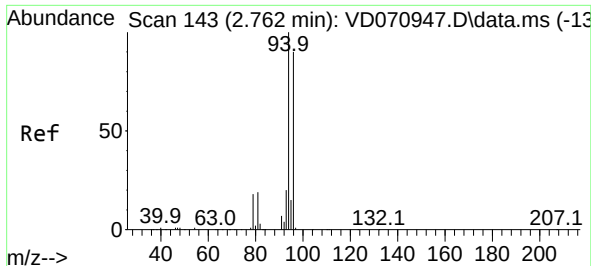
Tgt Ion: 50 Resp: 79809  
Ion Ratio Lower Upper  
50 100  
52 33.9 25.8 38.8



#4  
Vinyl Chloride  
Concen: 18.432 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion: 62 Resp: 74948  
Ion Ratio Lower Upper  
62 100  
64 34.8 26.0 39.0

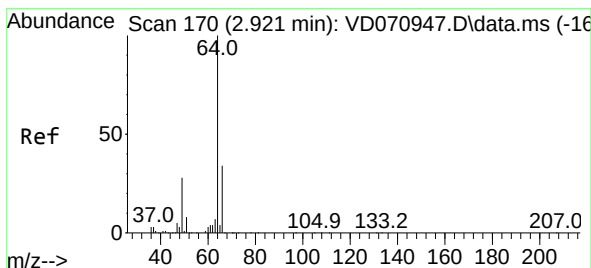
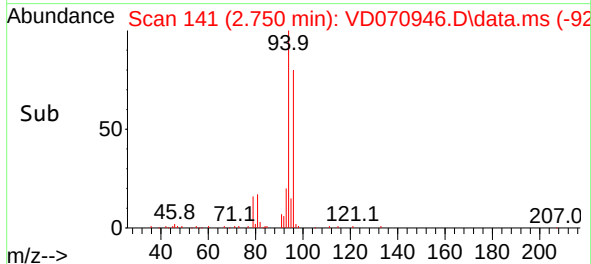
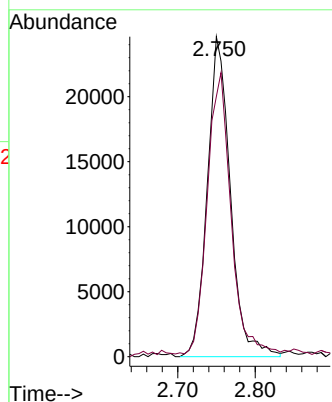
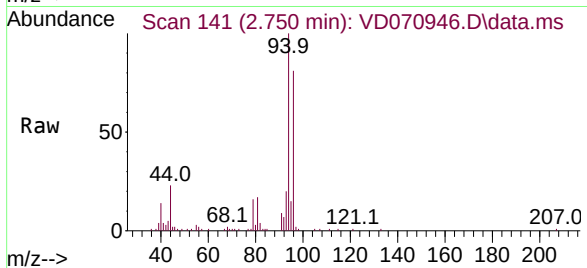




#5  
Bromomethane  
Concen: 18.349 ug/l  
RT: 2.750 min Scan# 143  
Delta R.T. -0.012 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

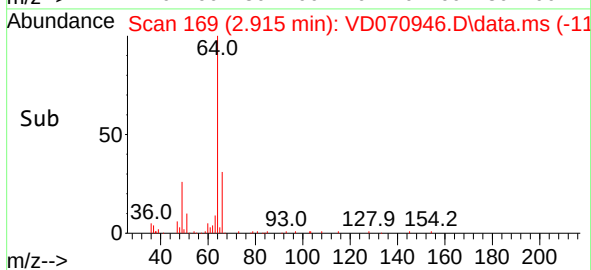
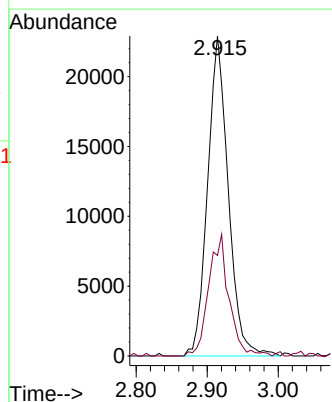
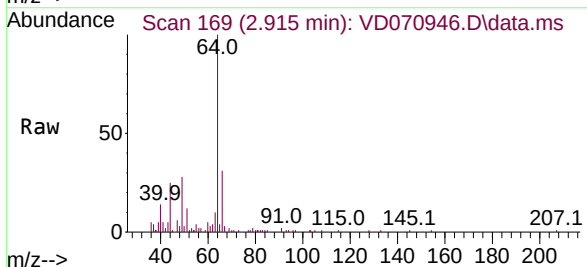
Instrument :  
MSVOA\_D  
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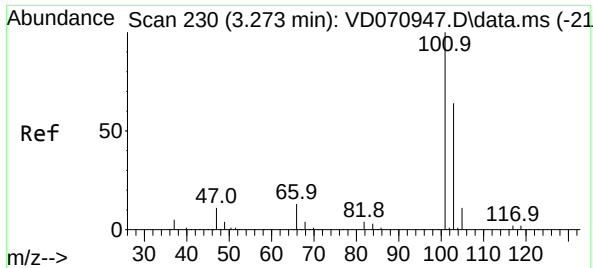
Tgt Ion: 94 Resp: 50855  
Ion Ratio Lower Upper  
94 100  
96 80.1 74.8 112.2



#6  
Chloroethane  
Concen: 17.737 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion: 64 Resp: 46322  
Ion Ratio Lower Upper  
64 100  
66 31.4 29.0 43.4

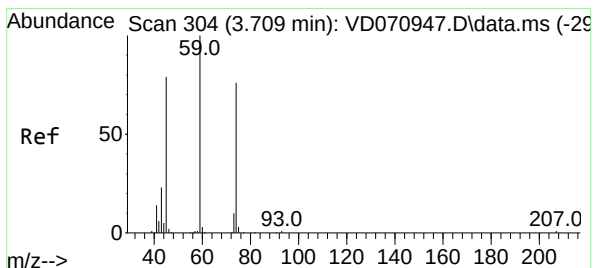
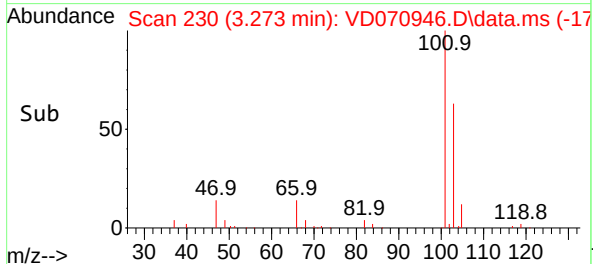
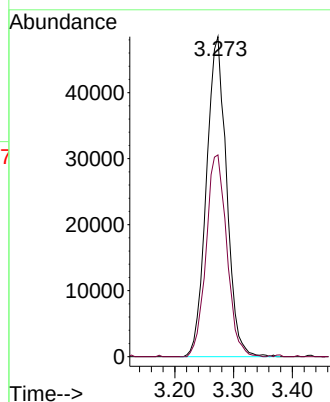
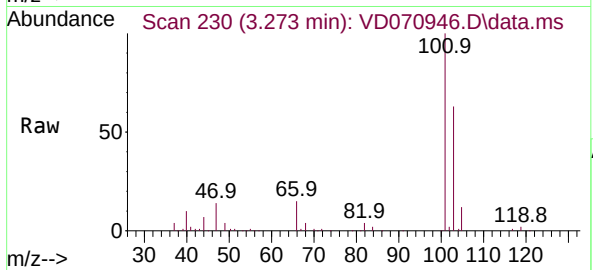




#7  
 Trichlorofluoromethane  
 Concen: 17.636 ug/l  
 RT: 3.273 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VD070946.D  
 Acq: 09 Nov 2021 11:00

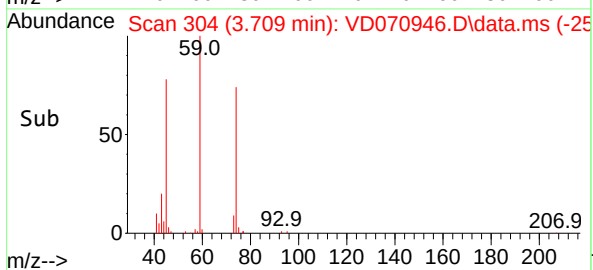
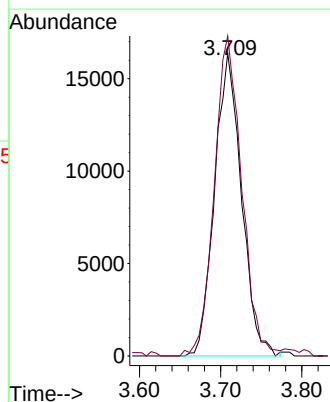
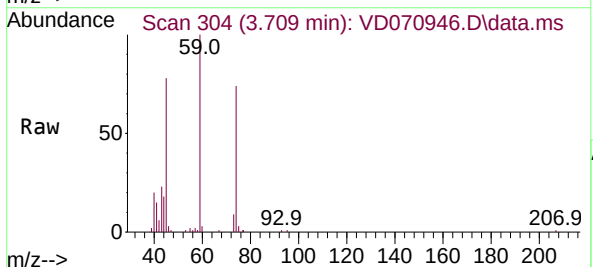
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion:101 Resp: 115410  
 Ion Ratio Lower Upper  
 101 100  
 103 63.0 49.7 74.5

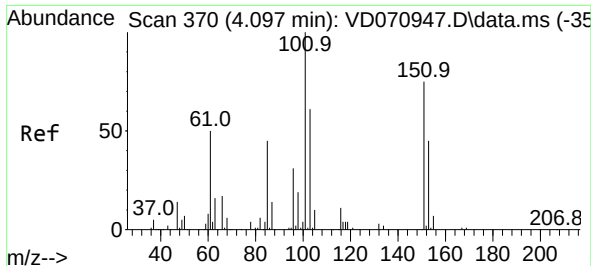


#8  
 Diethyl Ether  
 Concen: 17.368 ug/l  
 RT: 3.709 min Scan# 304  
 Delta R.T. -0.000 min  
 Lab File: VD070946.D  
 Acq: 09 Nov 2021 11:00

Tgt Ion: 74 Resp: 37616  
 Ion Ratio Lower Upper  
 74 100  
 45 107.8 49.6 149.0



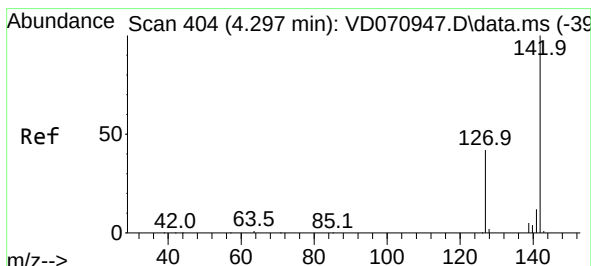
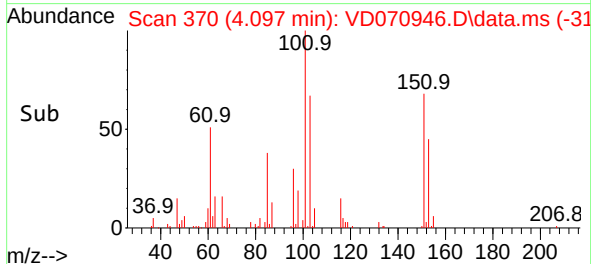
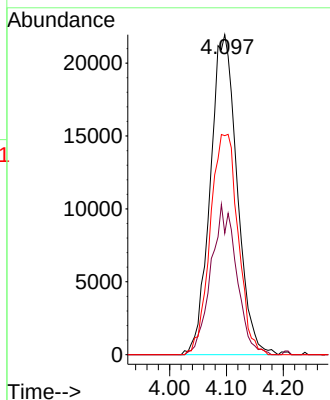
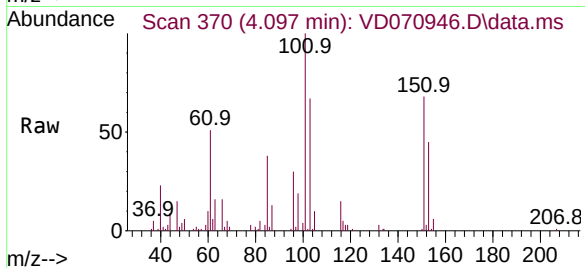




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.868 ug/l  
RT: 4.097 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

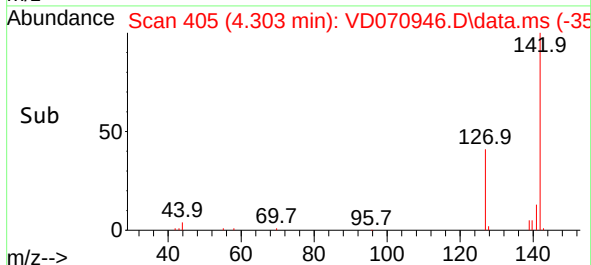
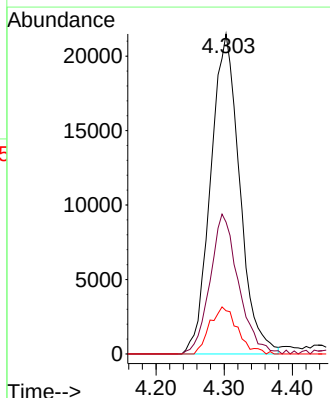
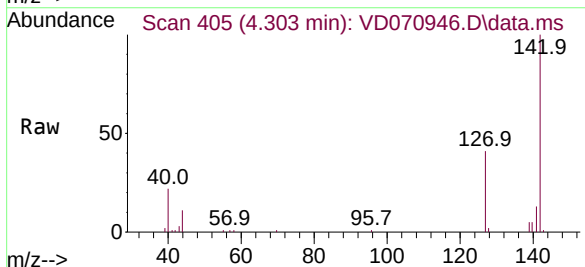
Instrument :  
MSVOA\_D  
ClientSampleId :

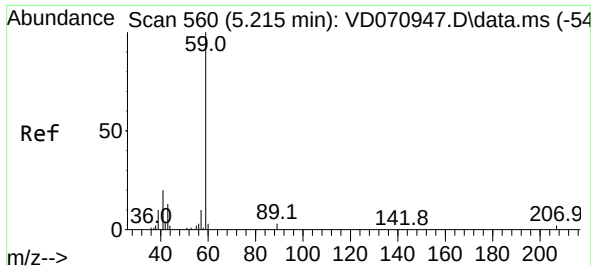
Tgt Ion:101 Resp: 72079  
Ion Ratio Lower Upper  
101 100  
85 44.8 34.8 52.2  
151 71.3 60.4 90.6



#10  
Methyl Iodide  
Concen: 16.079 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. 0.006 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion:142 Resp: 63640  
Ion Ratio Lower Upper  
142 100  
127 42.8 35.0 52.4  
141 14.1 12.0 18.0





#11

Tert butyl alcohol

Concen: 86.025 ug/l

RT: 5.220 min Scan# 5

Delta R.T. 0.006 min

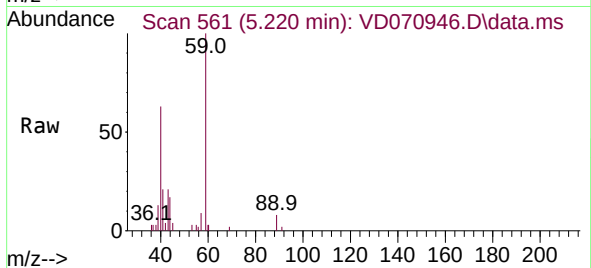
Lab File: VD070946.D

Acq: 09 Nov 2021 11:00

Instrument :

MSVOA\_D

ClientSampleId :

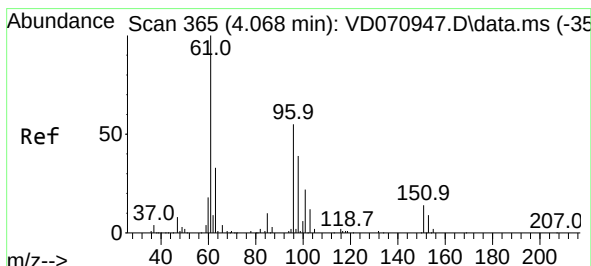
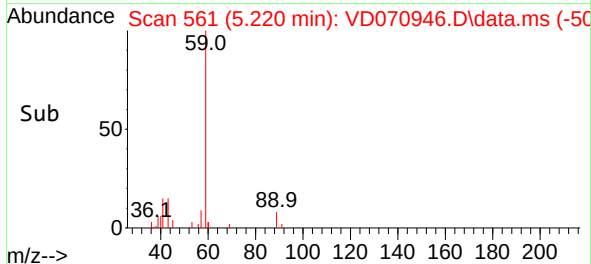
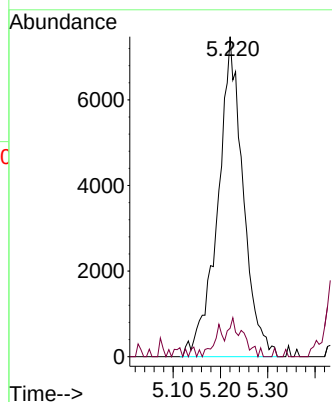


Tgt Ion: 59 Resp: 27838

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



#12

1,1-Dichloroethene

Concen: 17.445 ug/l

RT: 4.067 min Scan# 365

Delta R.T. -0.000 min

Lab File: VD070946.D

Acq: 09 Nov 2021 11:00

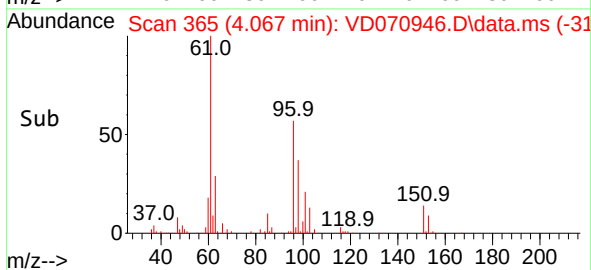
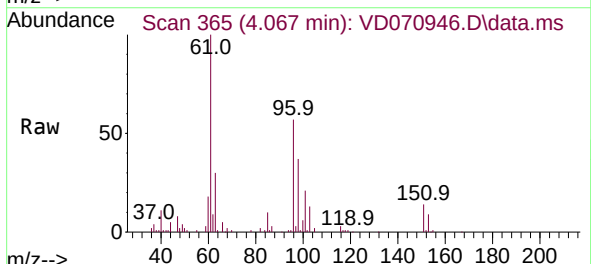
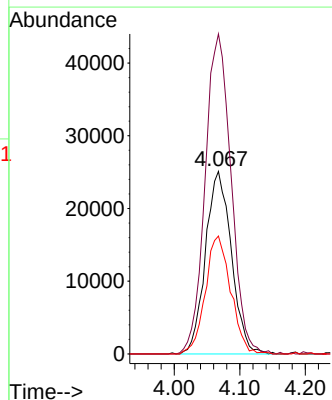
Tgt Ion: 96 Resp: 68894

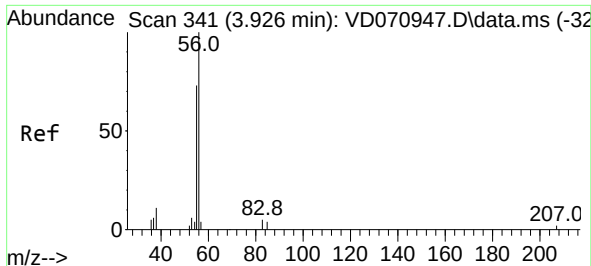
Ion Ratio Lower Upper

96 100

61 174.5 120.3 180.5

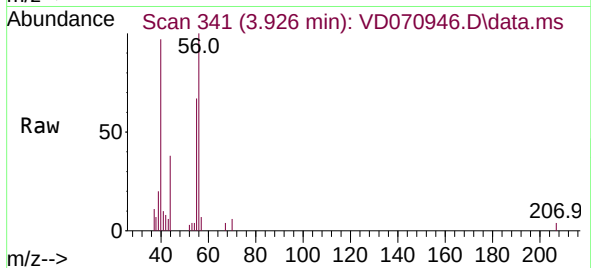
98 64.5 54.4 81.6



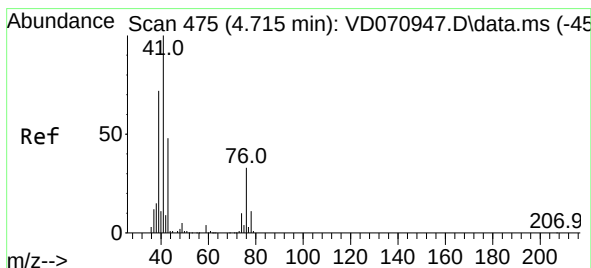
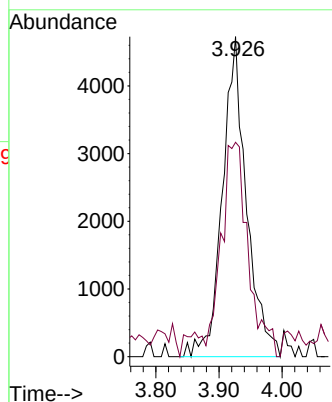
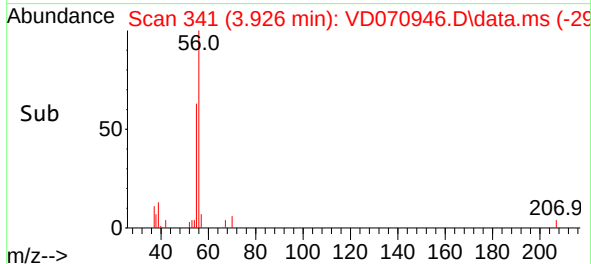


#13  
Acrolein  
Concen: 112.337 ug/l  
RT: 3.926 min Scan# 341  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

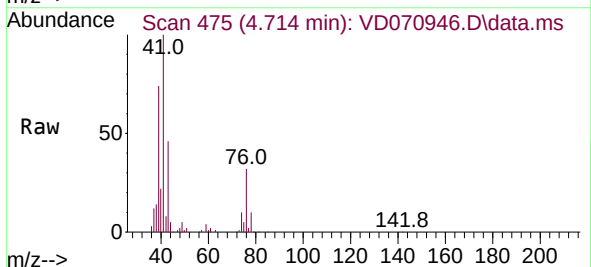
Instrument :  
MSVOA\_D  
ClientSampleId :



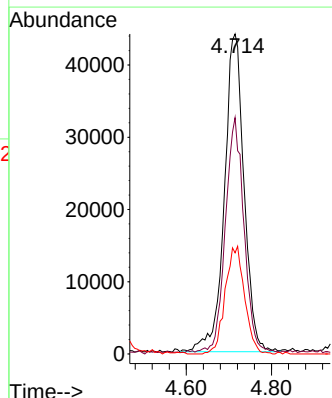
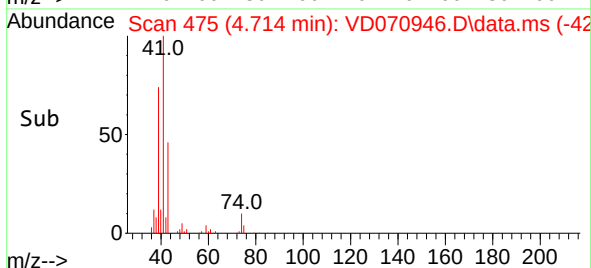
Tgt Ion: 56 Resp: 12501  
Ion Ratio Lower Upper  
56 100  
55 74.4 58.6 87.8

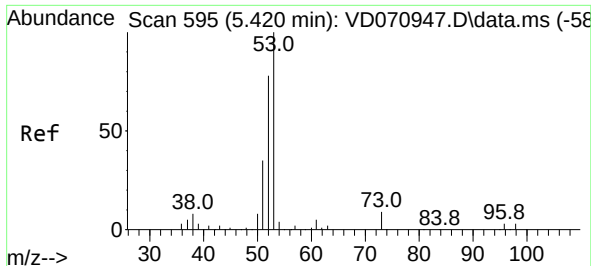


#14  
Allyl chloride  
Concen: 17.183 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00



Tgt Ion: 41 Resp: 141346  
Ion Ratio Lower Upper  
41 100  
39 69.2 45.6 68.4#  
76 33.4 30.2 45.4

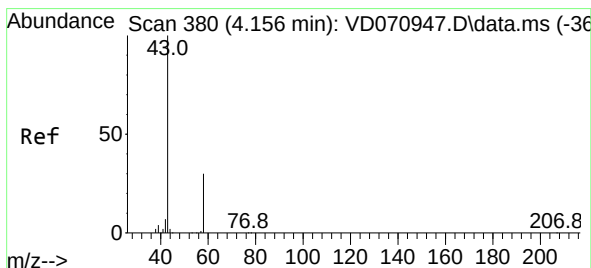
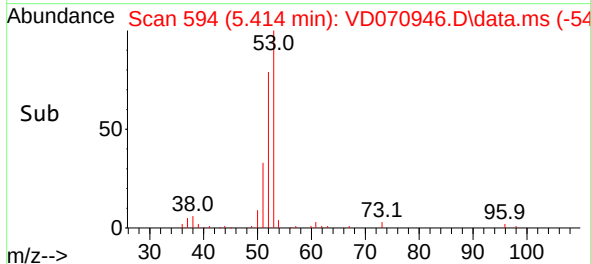
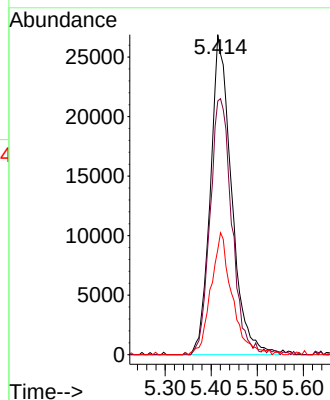
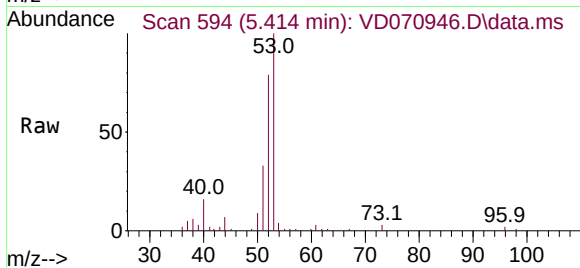




#15  
Acrylonitrile  
Concen: 82.995 ug/l  
RT: 5.414 min Scan# 594  
Delta R.T. -0.006 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

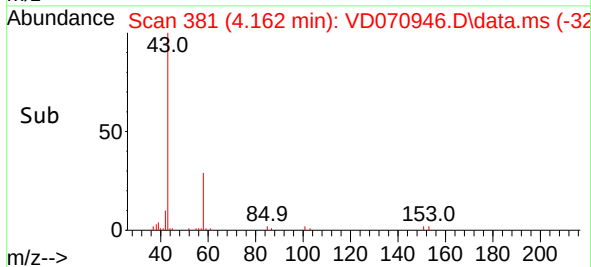
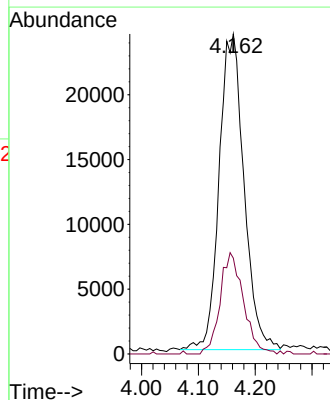
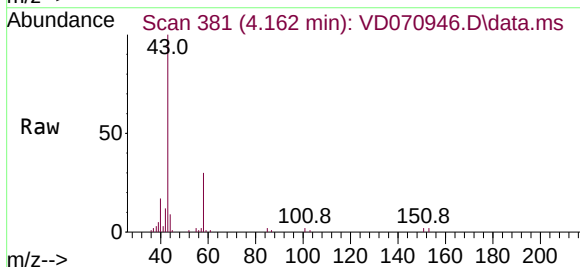
Instrument :  
MSVOA\_D  
ClientSampleId :

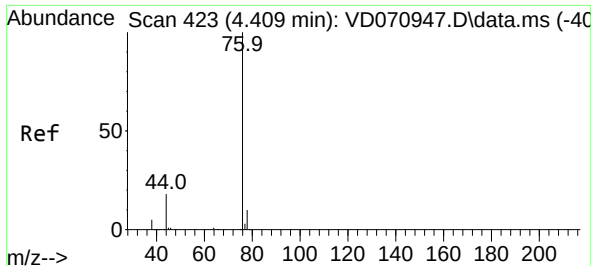
Tgt Ion: 53 Resp: 86012  
Ion Ratio Lower Upper  
53 100  
52 82.0 63.8 95.8  
51 38.2 28.5 42.7



#16  
Acetone  
Concen: 66.589 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.006 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion: 43 Resp: 73908  
Ion Ratio Lower Upper  
43 100  
58 30.3 27.8 41.8

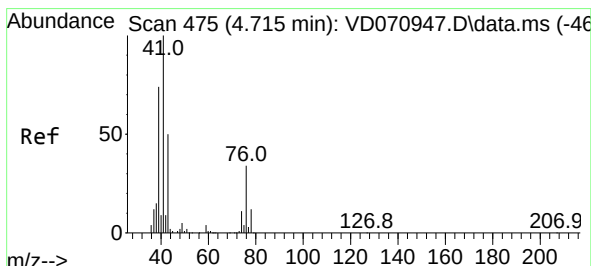
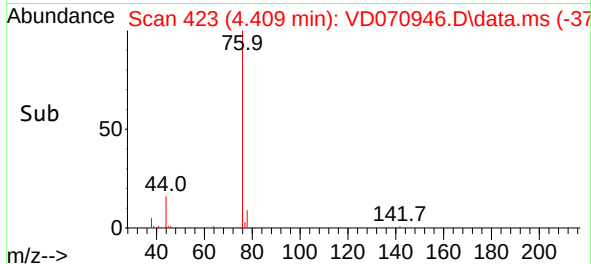
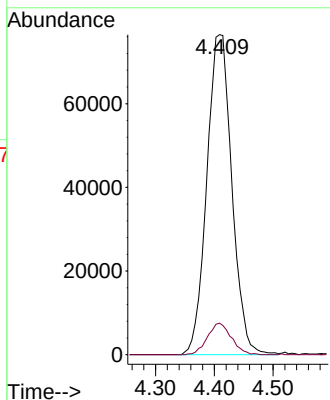
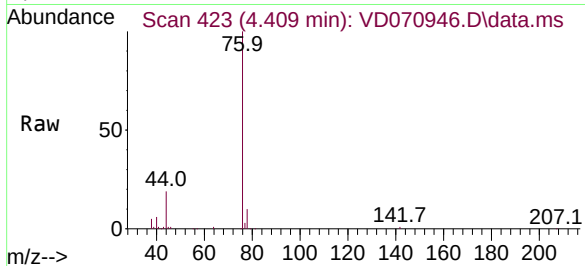




#17  
Carbon Disulfide  
Concen: 17.777 ug/l  
RT: 4.409 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

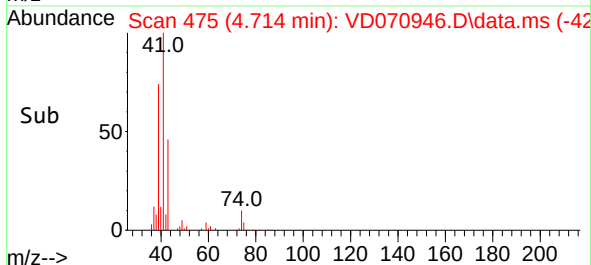
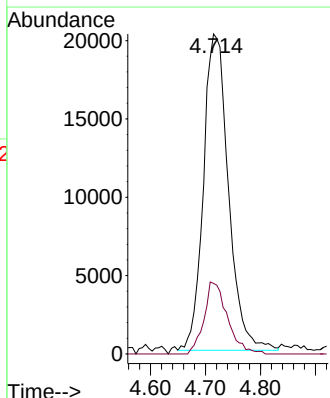
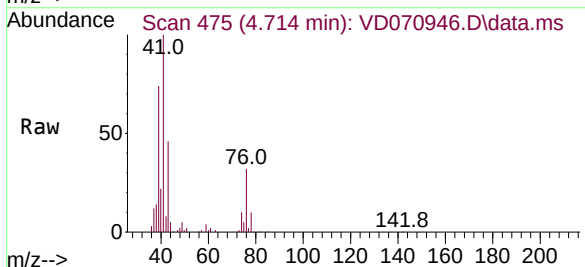
Instrument :  
MSVOA\_D  
ClientSampleId :

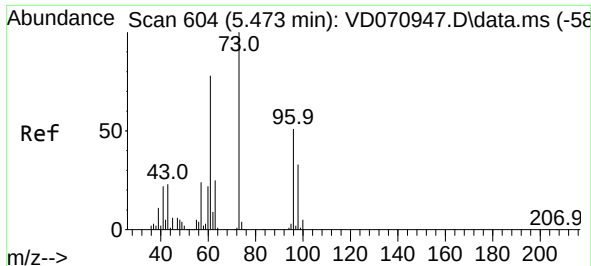
Tgt Ion: 76 Resp: 226680  
Ion Ratio Lower Upper  
76 100  
78 9.8 7.8 11.8



#18  
Methyl Acetate  
Concen: 16.844 ug/l  
RT: 4.714 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion: 43 Resp: 63988  
Ion Ratio Lower Upper  
43 100  
74 21.2 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 16.948 ug/l

RT: 5.473 min Scan# 604

Delta R.T. -0.000 min

Lab File: VD070946.D

Acq: 09 Nov 2021 11:00

Instrument :

MSVOA\_D

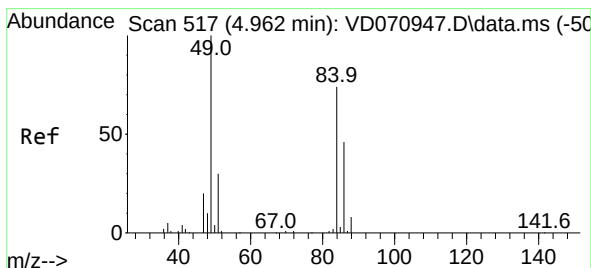
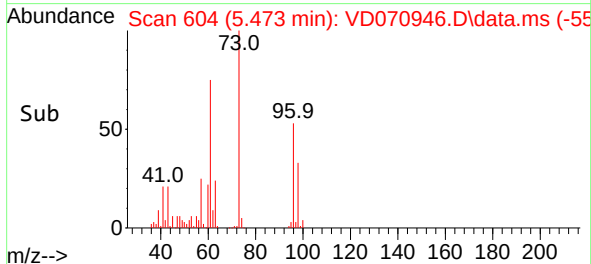
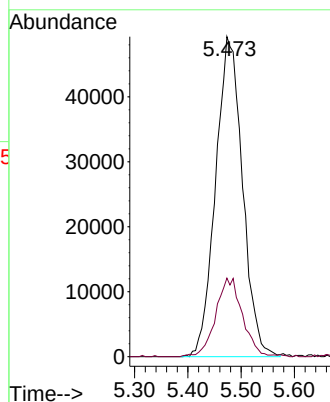
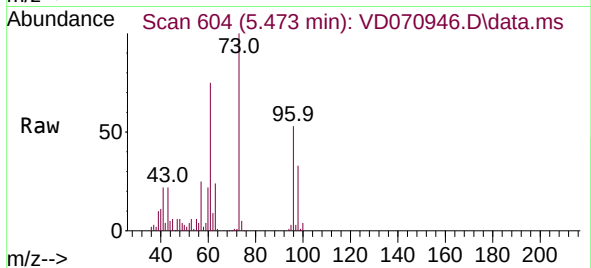
ClientSampleId :

Tgt Ion: 73 Resp: 172777

Ion Ratio Lower Upper

73 100

57 24.6 18.9 28.3



#20

Methylene Chloride

Concen: 16.855 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD070946.D

Acq: 09 Nov 2021 11:00

Tgt Ion: 84 Resp: 93257

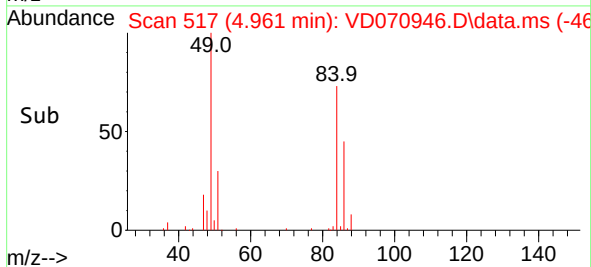
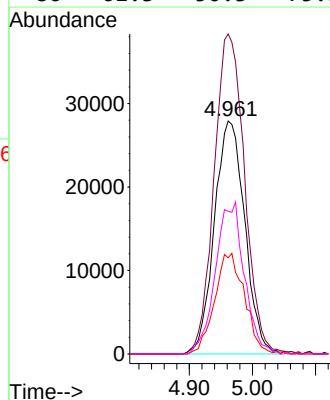
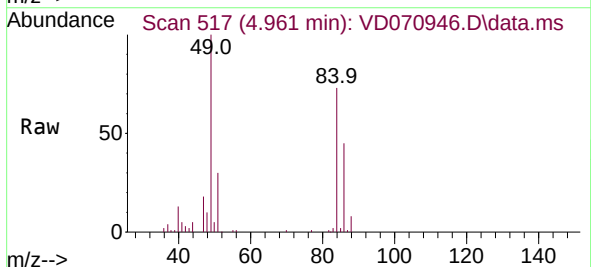
Ion Ratio Lower Upper

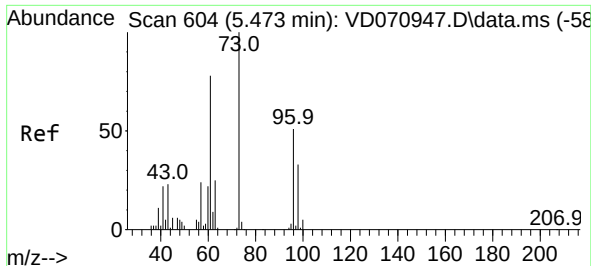
84 100

49 137.4 95.8 143.6

51 41.3 30.9 46.3

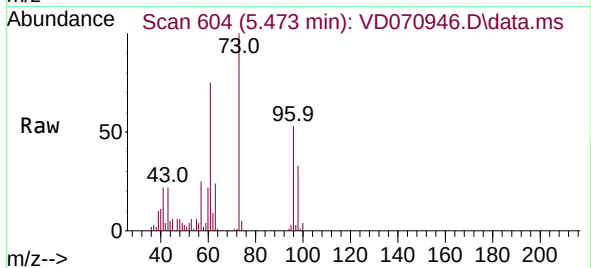
86 61.3 50.3 75.5



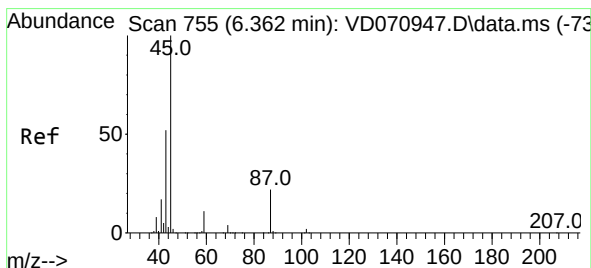
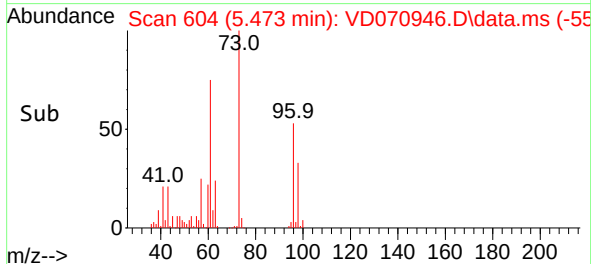
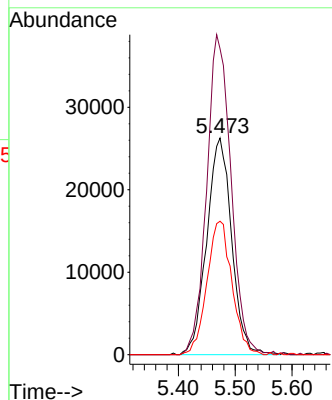


#21  
trans-1,2-Dichloroethene  
Concen: 17.685 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Instrument :  
MSVOA\_D  
ClientSampleId :

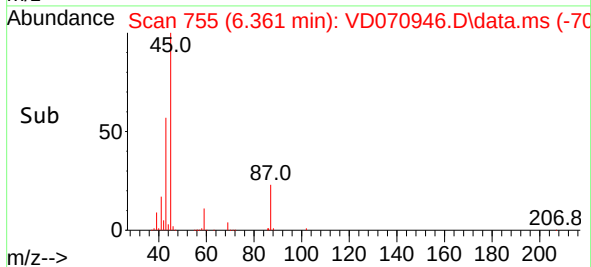
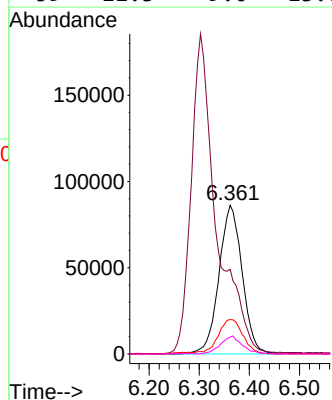
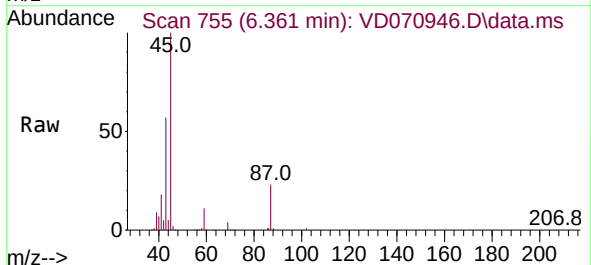


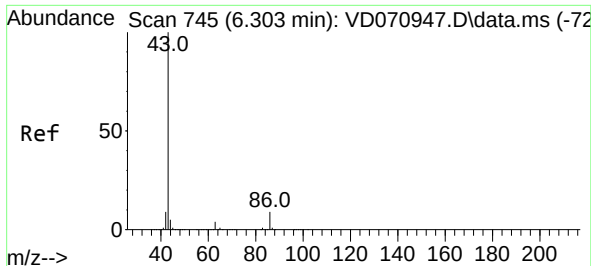
Tgt Ion: 96 Resp: 80048  
Ion Ratio Lower Upper  
96 100  
61 141.2 102.1 153.1  
98 61.6 50.1 75.1



#22  
Diisopropyl ether  
Concen: 16.964 ug/l  
RT: 6.361 min Scan# 755  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion: 45 Resp: 277404  
Ion Ratio Lower Upper  
45 100  
43 55.8 39.6 59.4  
87 23.2 21.2 31.8  
59 11.3 9.0 13.6

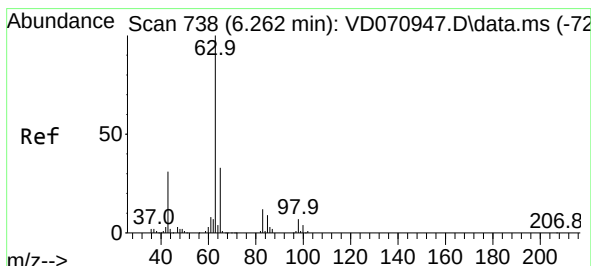
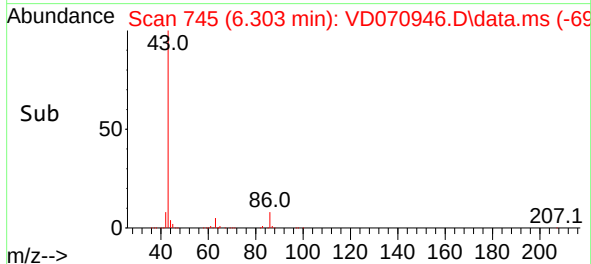
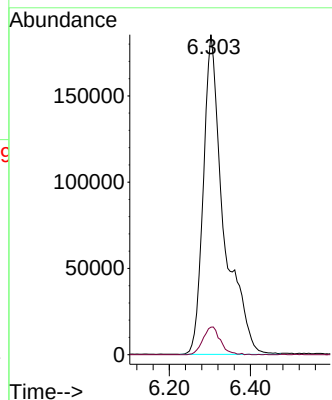
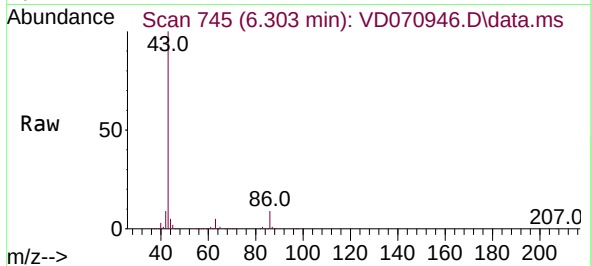




#23  
 Vinyl Acetate  
 Concen: 82.249 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD070946.D  
 Acq: 09 Nov 2021 11:00

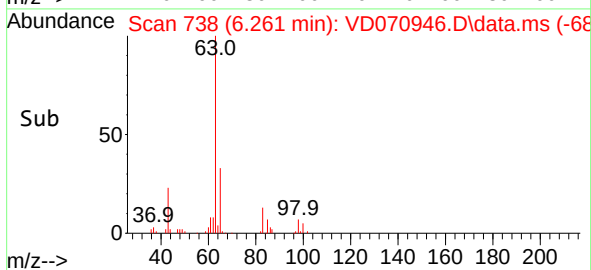
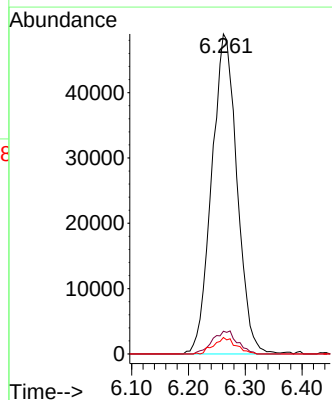
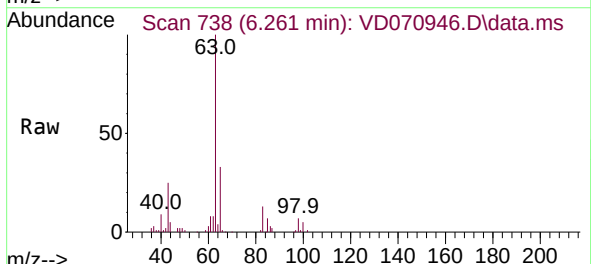
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion: 43 Resp: 645852  
 Ion Ratio Lower Upper  
 43 100  
 86 8.6 8.2 12.4

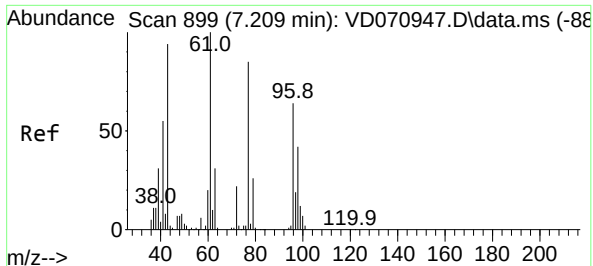


#24  
 1,1-Dichloroethane  
 Concen: 17.348 ug/l  
 RT: 6.261 min Scan# 738  
 Delta R.T. -0.000 min  
 Lab File: VD070946.D  
 Acq: 09 Nov 2021 11:00

Tgt Ion: 63 Resp: 151521  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.5 10.6  
 100 5.2 2.1 6.3



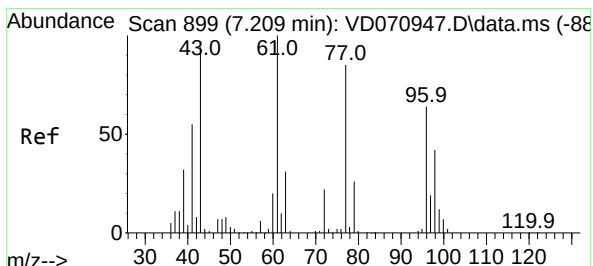
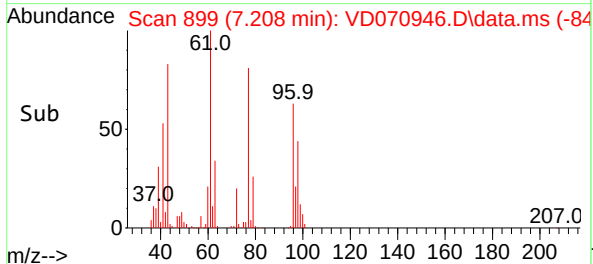
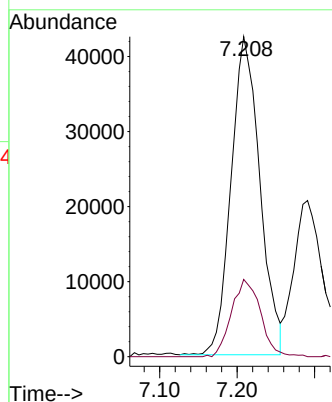
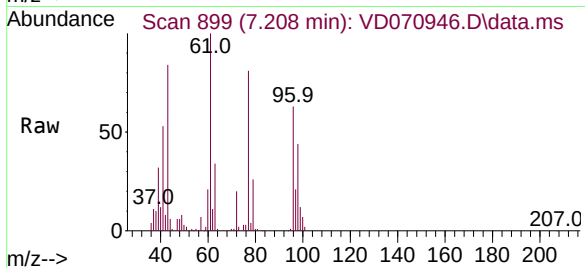




#25  
2-Butanone  
Concen: 78.040 ug/l  
RT: 7.208 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

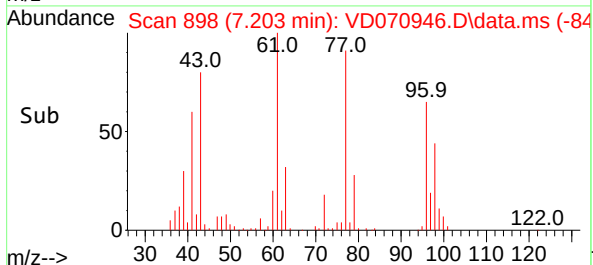
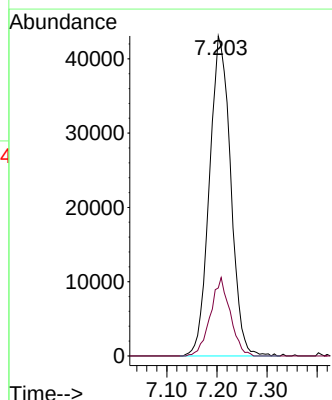
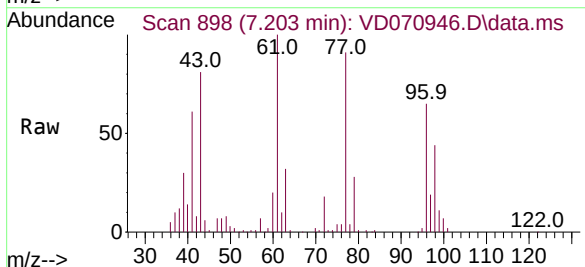
Instrument :  
MSVOA\_D  
ClientSampleId :

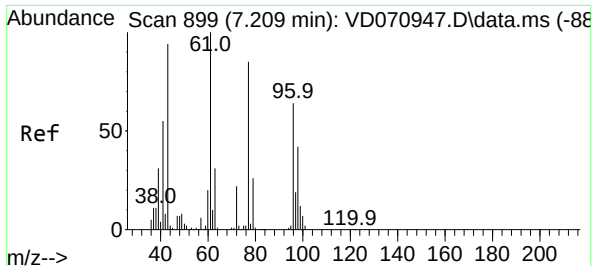
Tgt Ion: 43 Resp: 109698  
Ion Ratio Lower Upper  
43 100  
72 24.3 23.8 35.6



#26  
2,2-Dichloropropane  
Concen: 17.193 ug/l  
RT: 7.203 min Scan# 898  
Delta R.T. -0.006 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion: 77 Resp: 126737  
Ion Ratio Lower Upper  
77 100  
97 22.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 17.022 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD070946.D

Acq: 09 Nov 2021 11:00

Instrument :

MSVOA\_D

ClientSampleId :

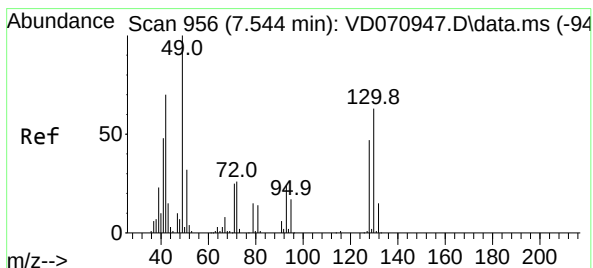
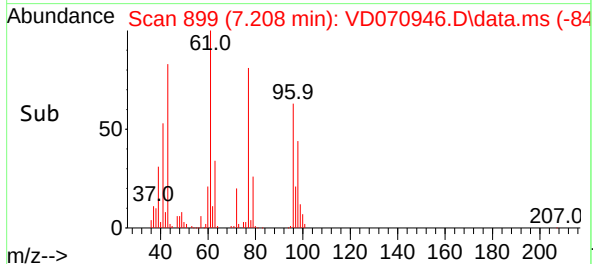
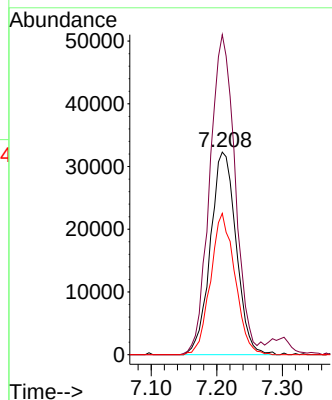
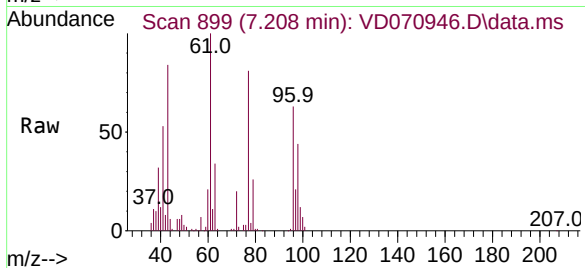
Tgt Ion: 96 Resp: 88078

Ion Ratio Lower Upper

96 100

61 155.4 0.0 288.6

98 66.2 0.0 129.2



#28

Bromochloromethane

Concen: 19.166 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD070946.D

Acq: 09 Nov 2021 11:00

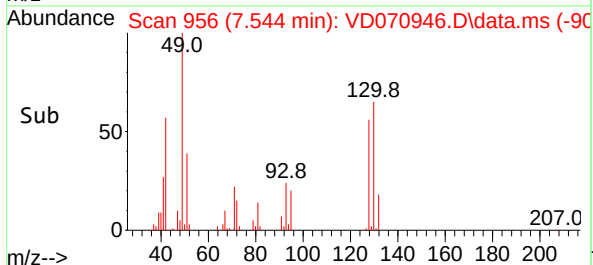
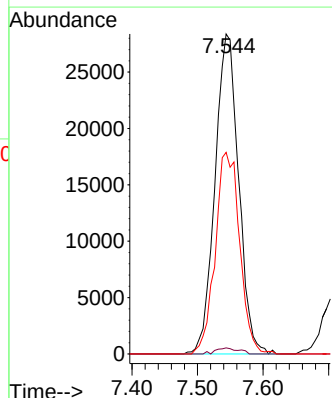
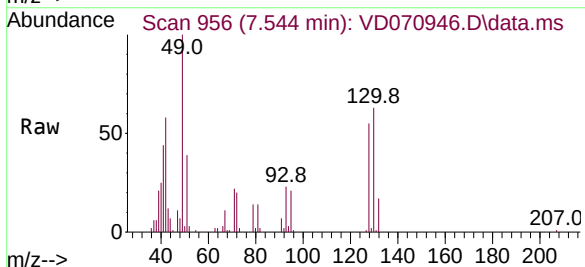
Tgt Ion: 49 Resp: 71005

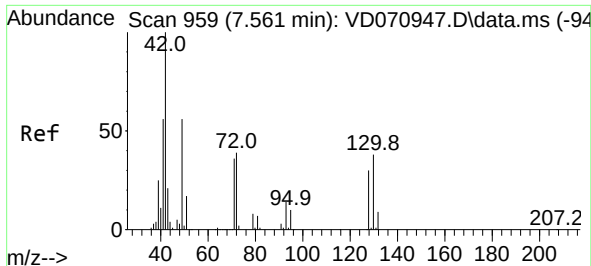
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 65.0 60.2 90.2





#29

Tetrahydrofuran

Concen: 81.852 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.000 min

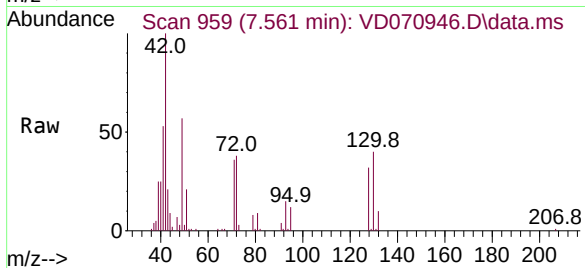
Lab File: VD070946.D

Acq: 09 Nov 2021 11:00

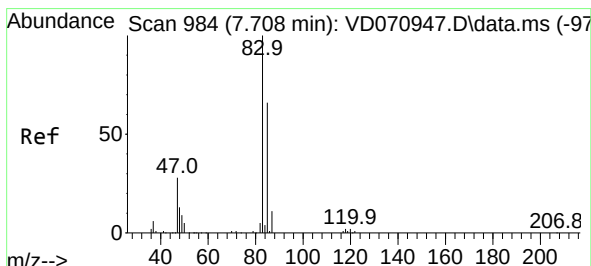
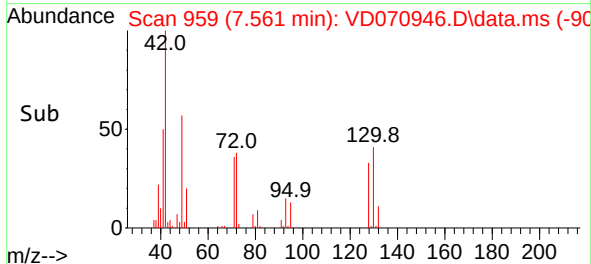
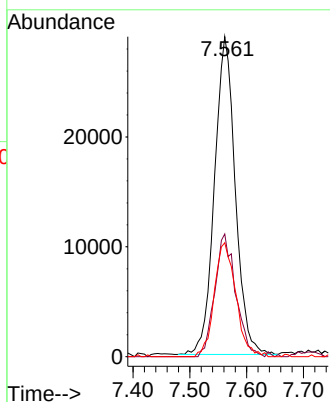
Instrument :

MSVOA\_D

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 73640 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 38.9  | 33.7  | 50.5  |
| 71       | 37.2  | 32.7  | 49.1  |



#30

Chloroform

Concen: 17.114 ug/l

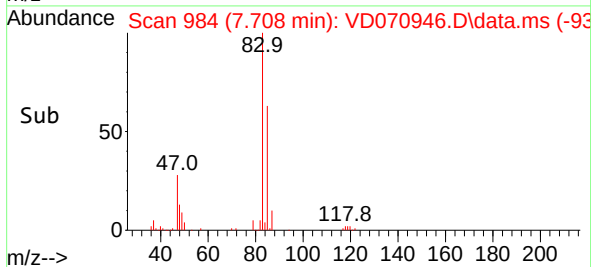
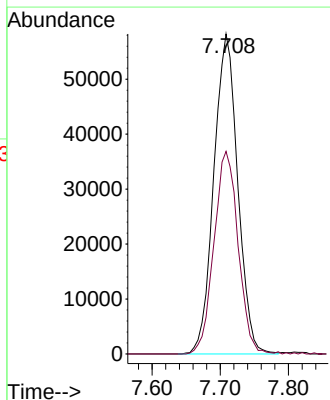
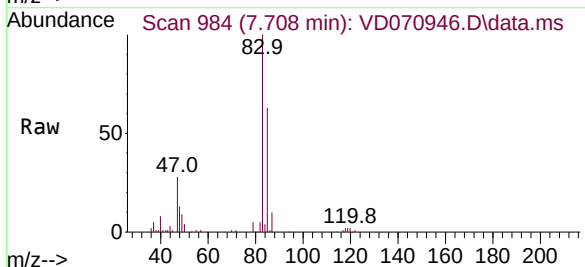
RT: 7.708 min Scan# 984

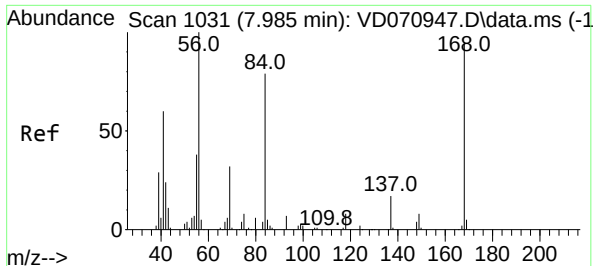
Delta R.T. -0.000 min

Lab File: VD070946.D

Acq: 09 Nov 2021 11:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 142118 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.3  | 51.0  | 76.6   |





#31

Cyclohexane

Concen: 17.489 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD070946.D

Acq: 09 Nov 2021 11:00

Instrument :

MSVOA\_D

ClientSampleId :

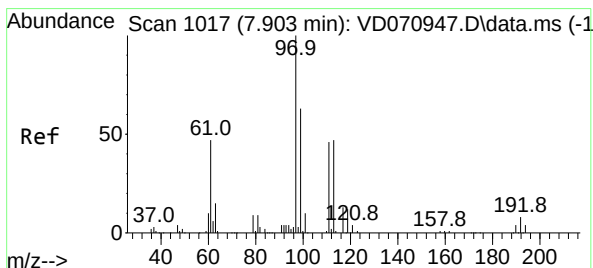
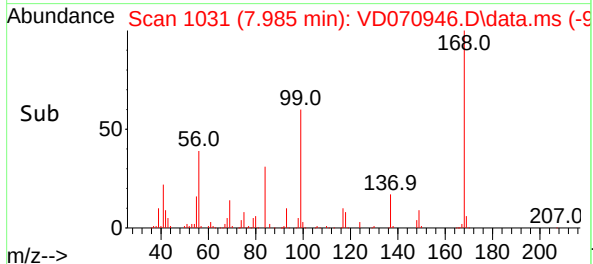
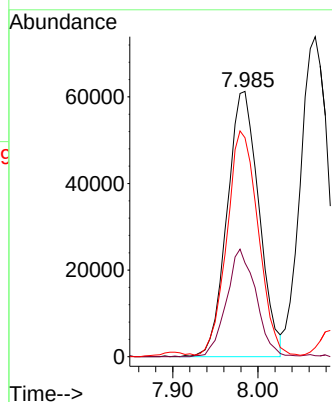
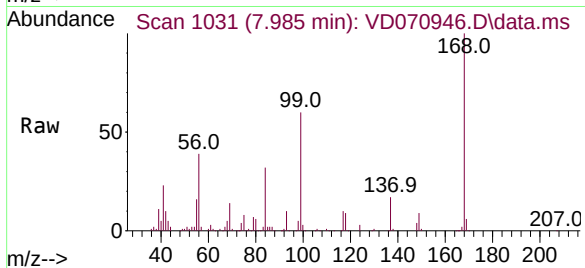
Tgt Ion: 56 Resp: 159257

Ion Ratio Lower Upper

56 100

69 35.4 25.9 38.9

84 81.1 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 16.893 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD070946.D

Acq: 09 Nov 2021 11:00

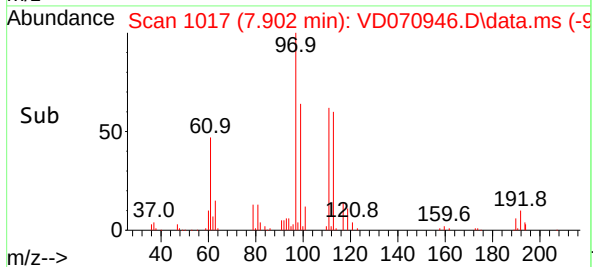
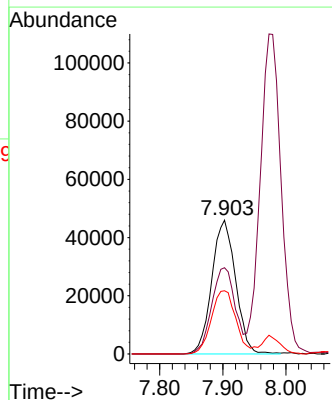
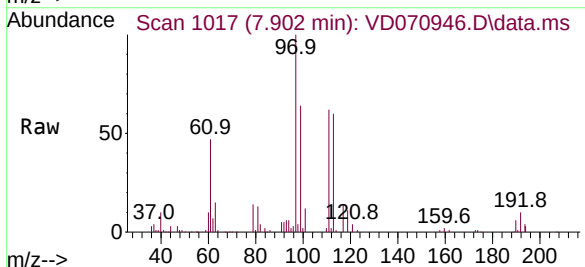
Tgt Ion: 97 Resp: 120487

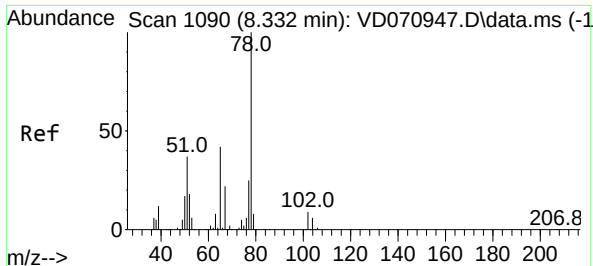
Ion Ratio Lower Upper

97 100

99 63.1 50.3 75.5

61 48.3 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 19.497 ug/l

RT: 8.332 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD070946.D

Acq: 09 Nov 2021 11:00

Instrument :

MSVOA\_D

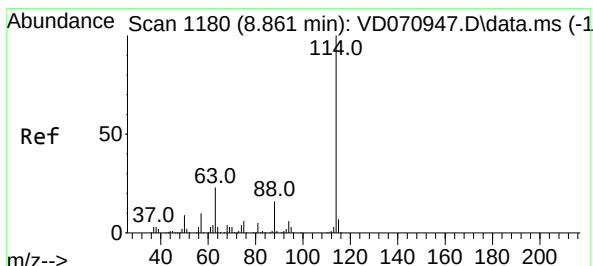
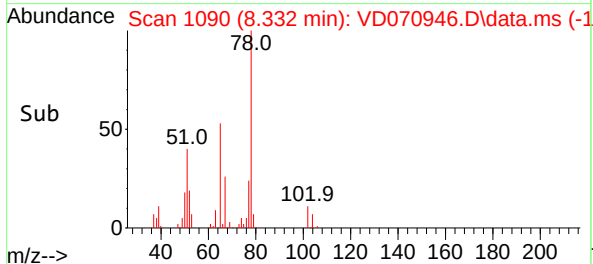
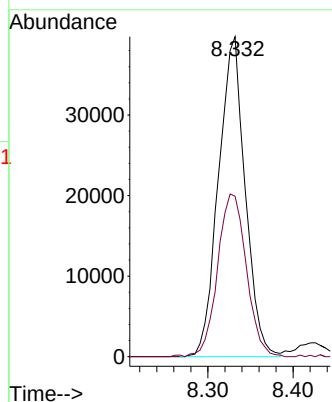
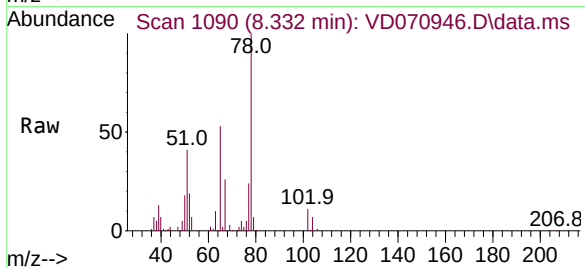
ClientSampleId :

Tgt Ion: 65 Resp: 86330

Ion Ratio Lower Upper

65 100

67 54.9 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070946.D

Acq: 09 Nov 2021 11:00

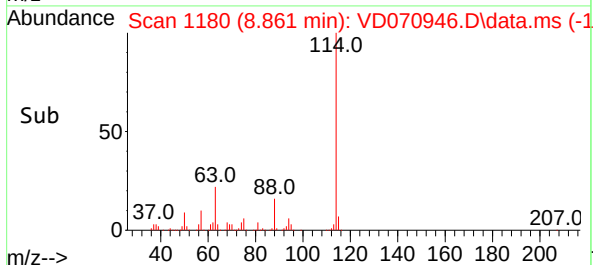
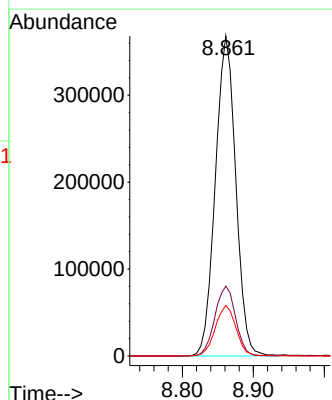
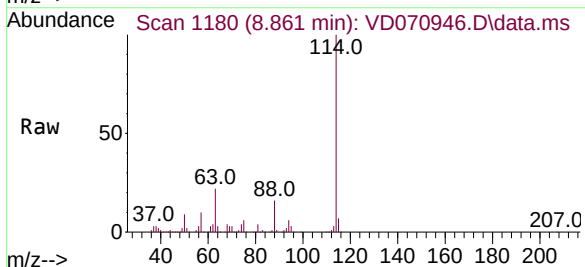
Tgt Ion: 114 Resp: 733564

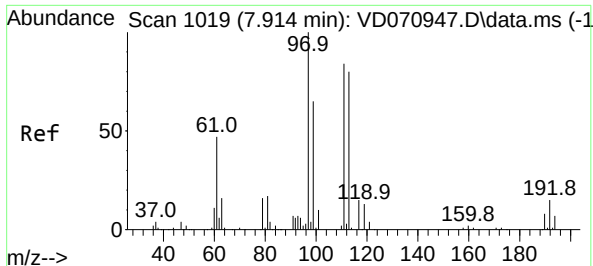
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

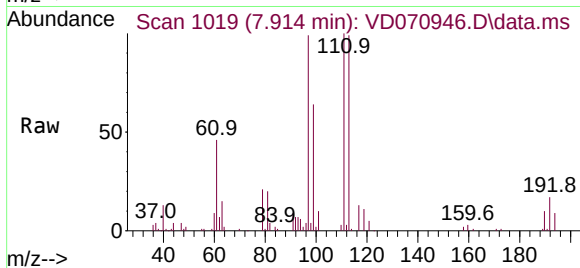
88 15.8 0.0 32.8



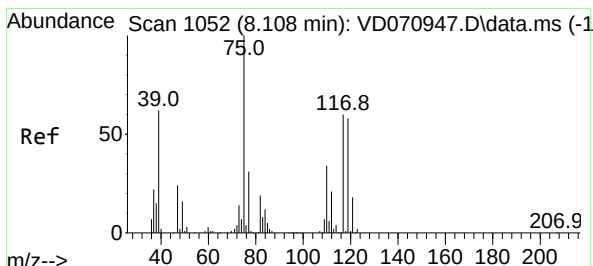
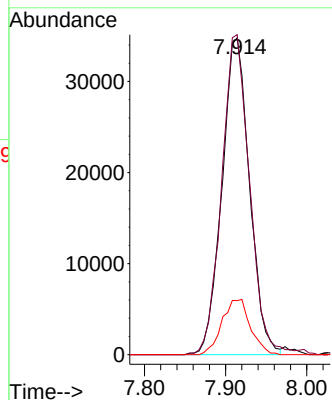
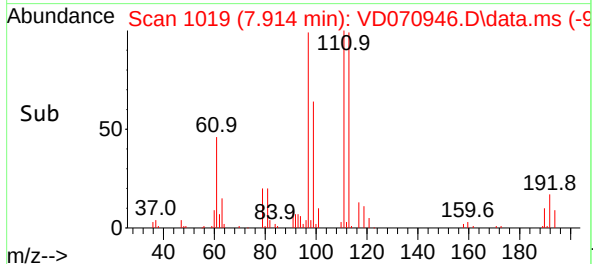


#35  
Dibromofluoromethane  
Concen: 19.834 ug/l  
RT: 7.914 min Scan# 1019  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Instrument :  
MSVOA\_D  
ClientSampleId :

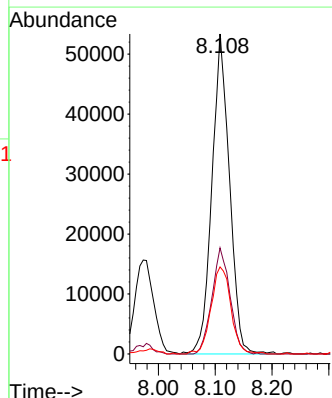
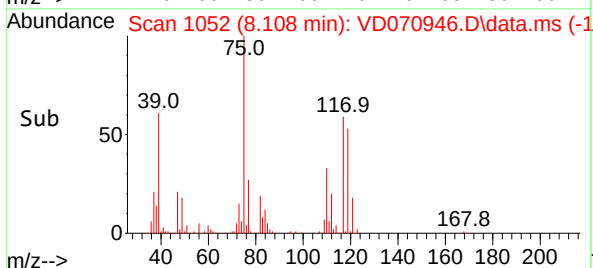
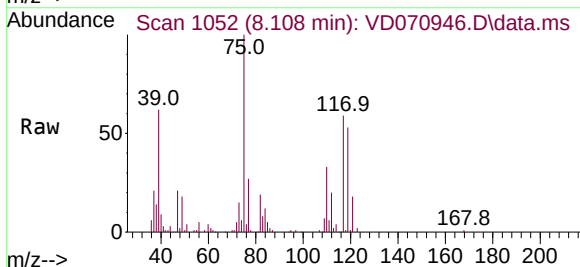


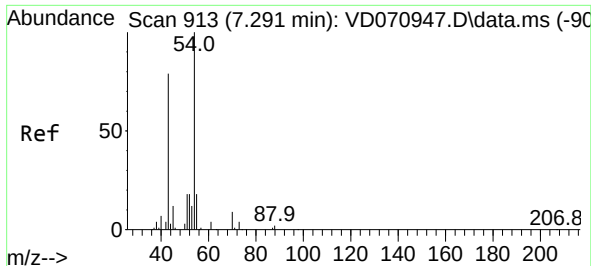
Tgt Ion:113 Resp: 82102  
Ion Ratio Lower Upper  
113 100  
111 102.7 82.0 123.0  
192 18.0 15.2 22.8



#36  
1,1-Dichloropropene  
Concen: 17.471 ug/l  
RT: 8.108 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

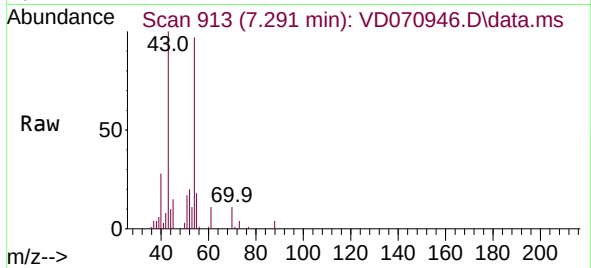
Tgt Ion: 75 Resp: 114431  
Ion Ratio Lower Upper  
75 100  
110 34.2 17.8 53.4  
77 30.8 24.8 37.2



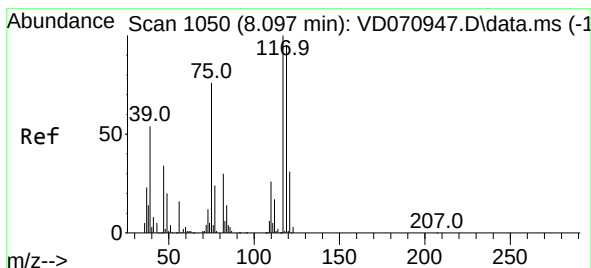
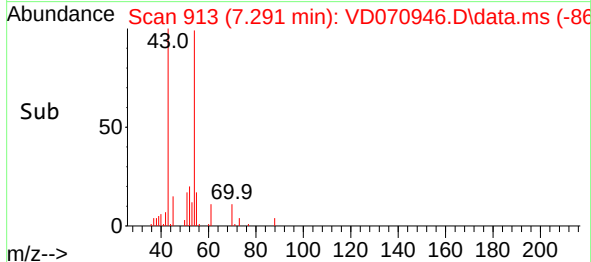
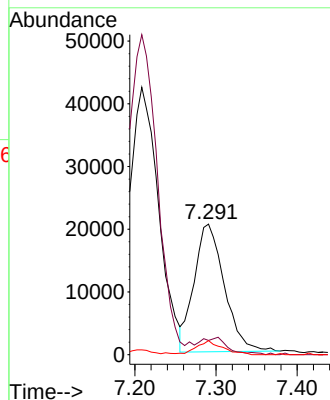


#37  
Ethyl Acetate  
Concen: 17.645 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Instrument :  
MSVOA\_D  
ClientSampleId :

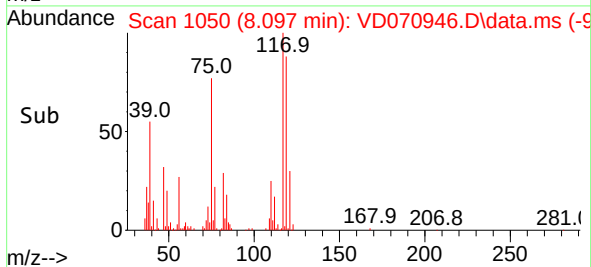
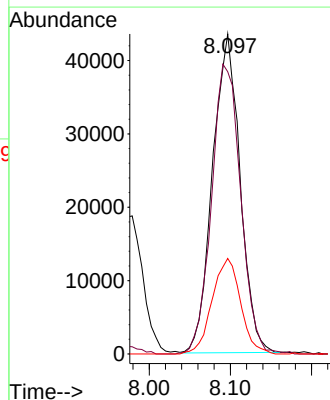
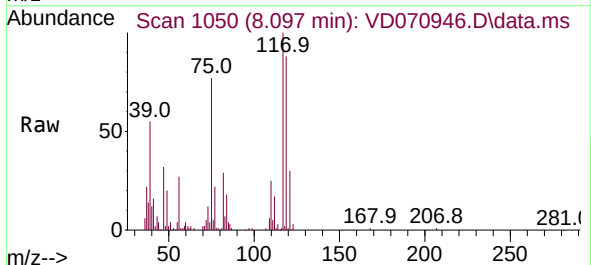


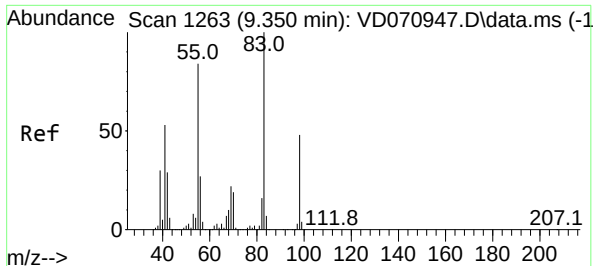
Tgt Ion: 43 Resp: 52725  
Ion Ratio Lower Upper  
43 100  
61 9.9 13.0 19.6#  
70 9.4 8.7 13.1



#38  
Carbon Tetrachloride  
Concen: 16.965 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion: 117 Resp: 102326  
Ion Ratio Lower Upper  
117 100  
119 88.3 75.8 113.6  
121 30.0 23.6 35.4





#39

Methylcyclohexane

Concen: 17.624 ug/l

RT: 9.355 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD070946.D

Acq: 09 Nov 2021 11:00

Instrument :

MSVOA\_D

ClientSampleId :

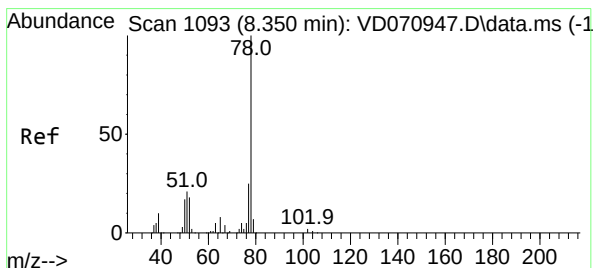
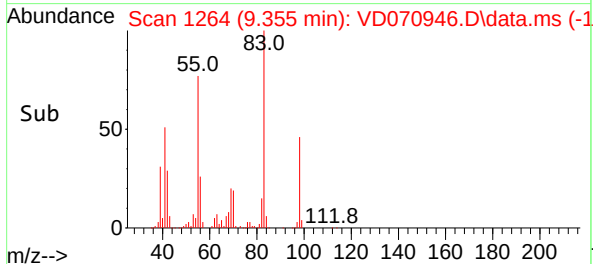
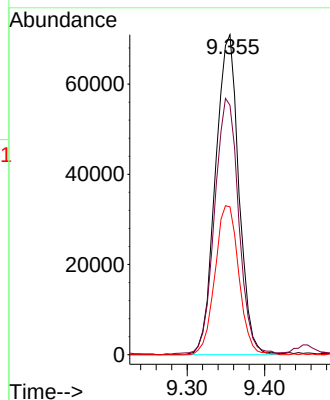
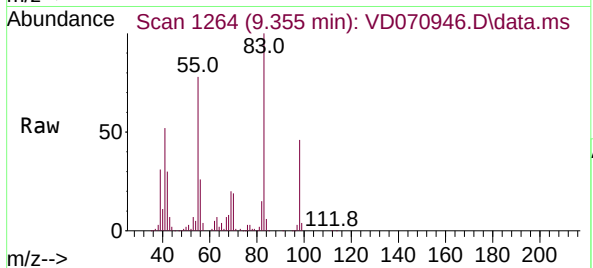
Tgt Ion: 83 Resp: 149081

Ion Ratio Lower Upper

83 100

55 77.5 65.8 98.8

98 46.2 38.7 58.1



#40

Benzene

Concen: 17.271 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD070946.D

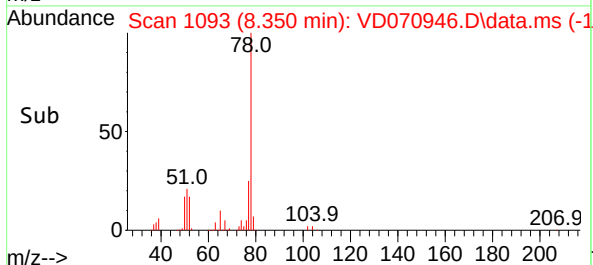
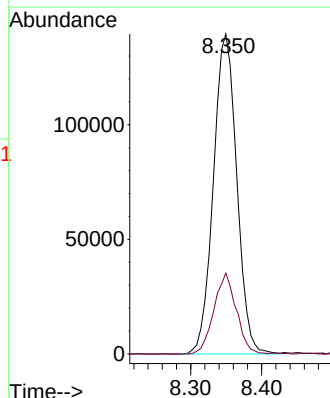
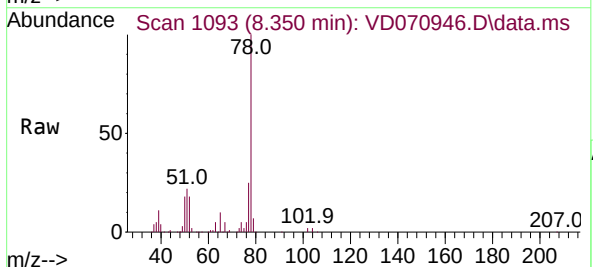
Acq: 09 Nov 2021 11:00

Tgt Ion: 78 Resp: 318561

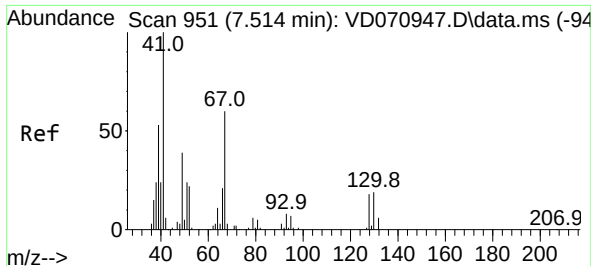
Ion Ratio Lower Upper

78 100

77 25.3 19.1 28.7

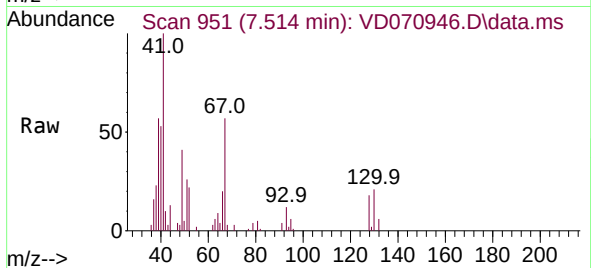




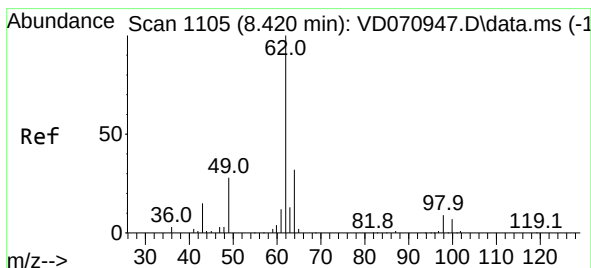
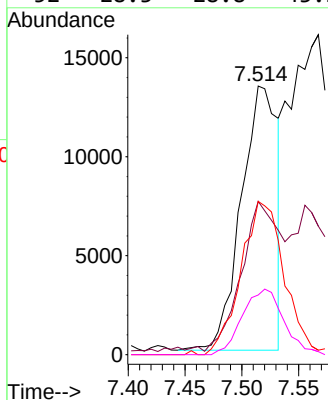
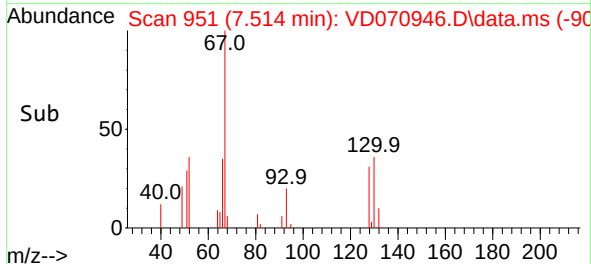


#41  
Methacrylonitrile  
Concen: 19.996 ug/l  
RT: 7.514 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Instrument :  
MSVOA\_D  
ClientSampleId :

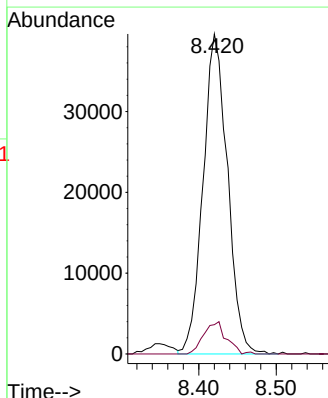
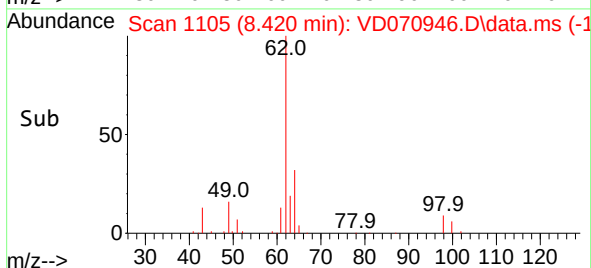
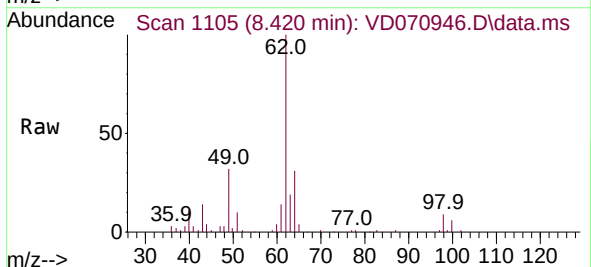


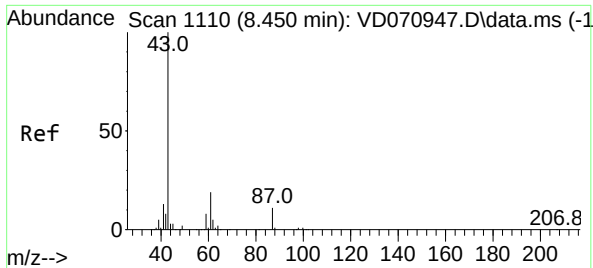
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 29500  |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 39        | 59.6  | 60.2  | 90.4#  |
| 67        | 69.4  | 74.8  | 112.2# |
| 52        | 28.3  | 28.8  | 43.2#  |



#42  
1,2-Dichloroethane  
Concen: 16.605 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 62    | Resp: | 86750 |
| Ion Ratio | Lower | Upper |       |
| 62        | 100   |       |       |
| 98        | 9.4   | 0.0   | 21.8  |

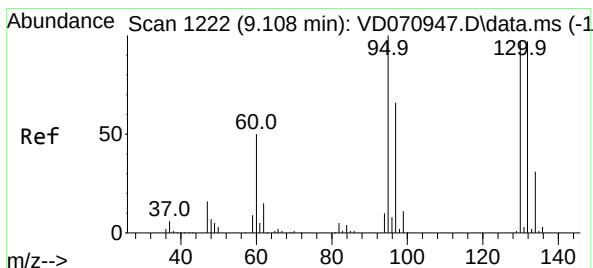
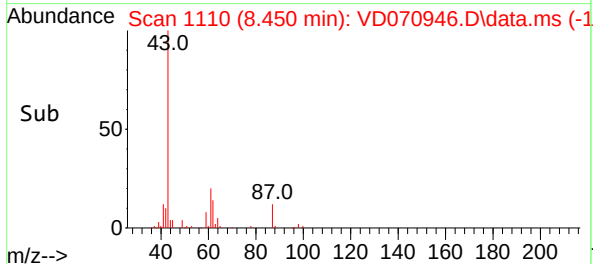
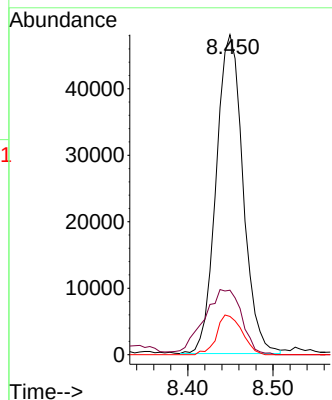
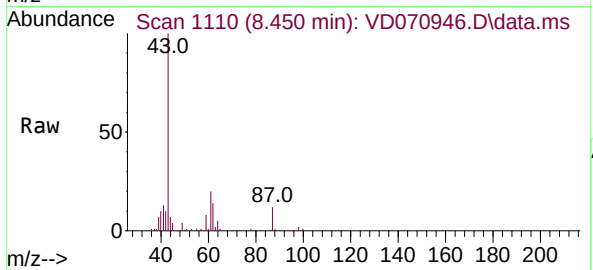




#43  
Isopropyl Acetate  
Concen: 16.627 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

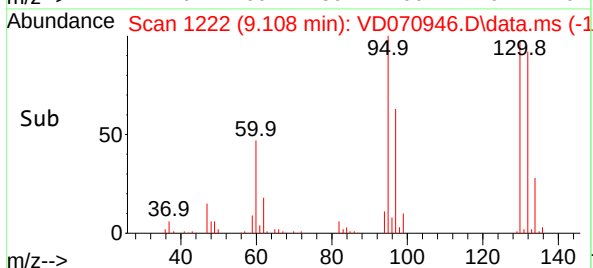
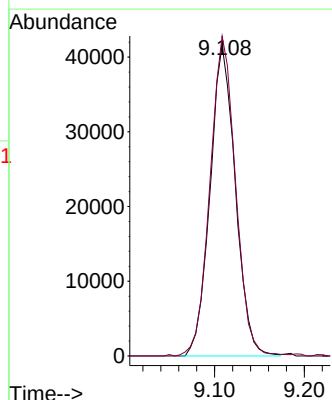
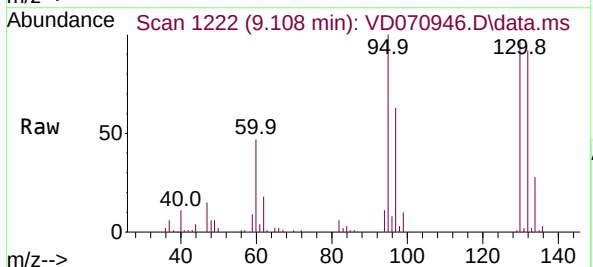
Instrument :  
MSVOA\_D  
ClientSampleId :

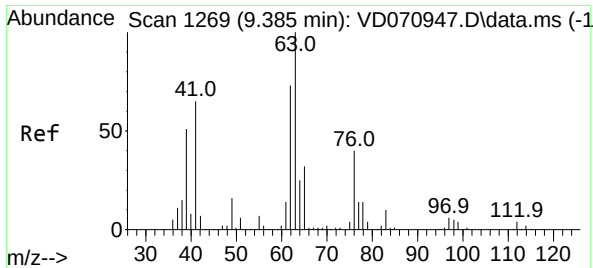
Tgt Ion: 43 Resp: 105152  
Ion Ratio Lower Upper  
43 100  
61 29.0 28.2 42.4  
87 11.8 10.7 16.1



#44  
Trichloroethene  
Concen: 17.127 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion:130 Resp: 81425  
Ion Ratio Lower Upper  
130 100  
95 102.5 0.0 193.2





#45

1,2-Dichloropropane

Concen: 17.234 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD070946.D

Acq: 09 Nov 2021 11:00

Instrument :

MSVOA\_D

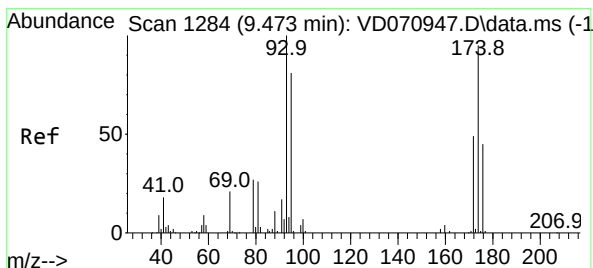
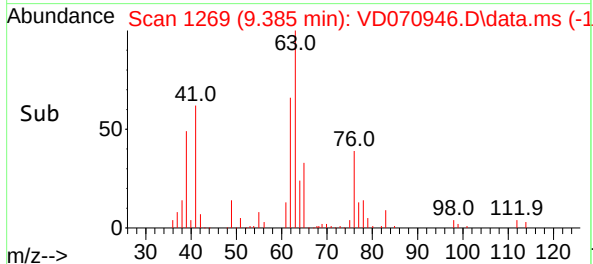
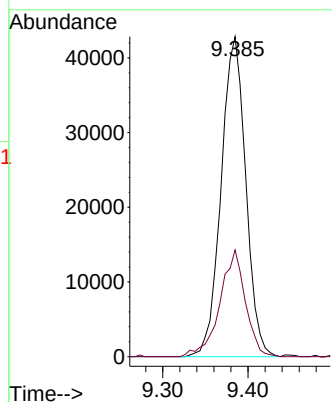
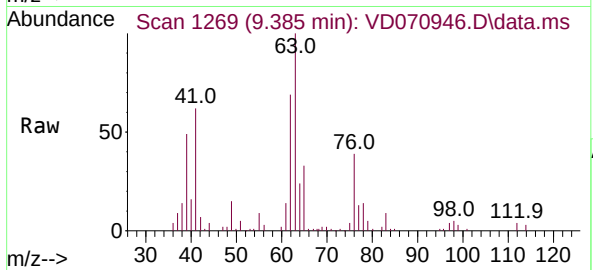
ClientSampleId :

Tgt Ion: 63 Resp: 85967

Ion Ratio Lower Upper

63 100

65 33.3 24.2 36.2



#46

Dibromomethane

Concen: 17.235 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD070946.D

Acq: 09 Nov 2021 11:00

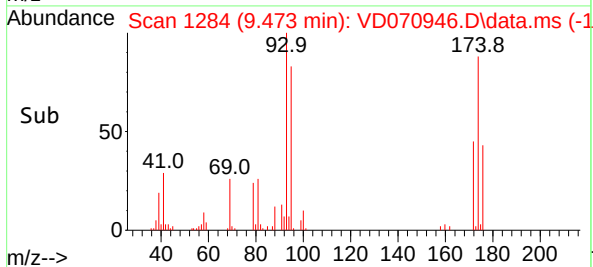
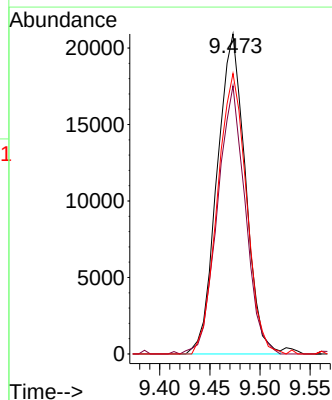
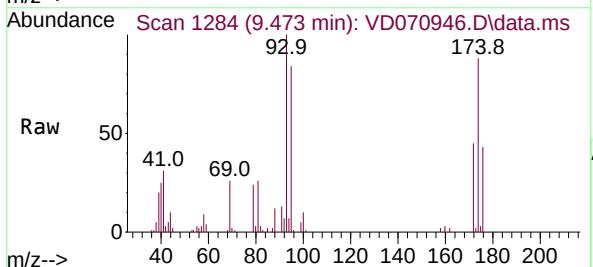
Tgt Ion: 93 Resp: 40921

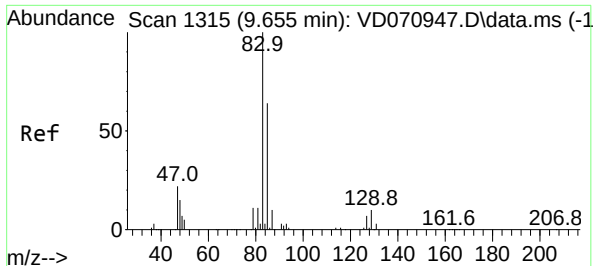
Ion Ratio Lower Upper

93 100

95 82.4 66.1 99.1

174 89.5 78.6 117.8

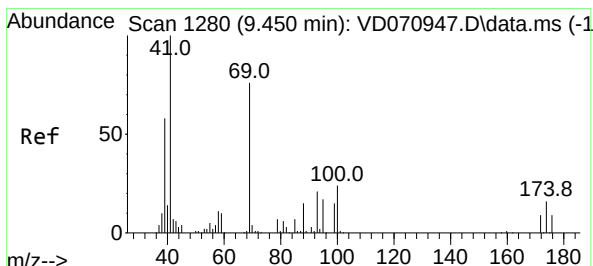
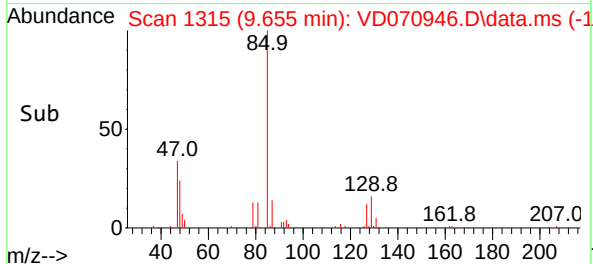
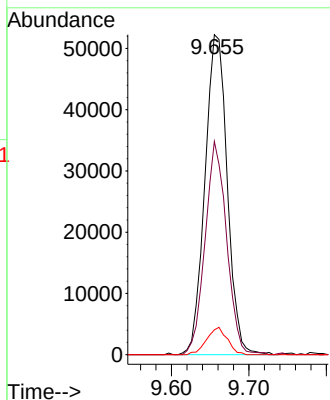
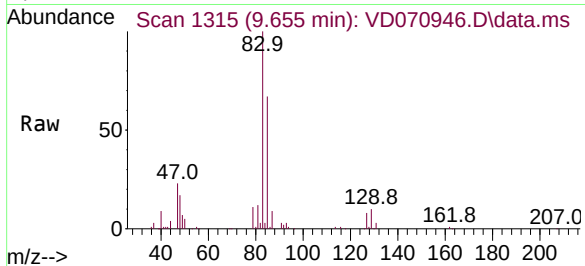




#47  
Bromodichloromethane  
Concen: 16.675 ug/l  
RT: 9.655 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

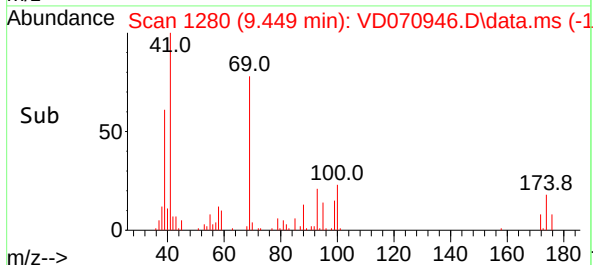
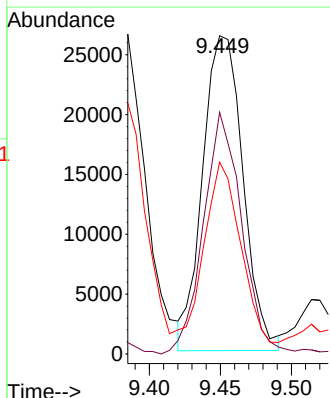
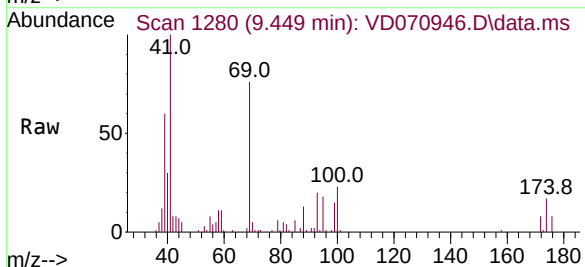
Instrument :  
MSVOA\_D  
ClientSampleId :

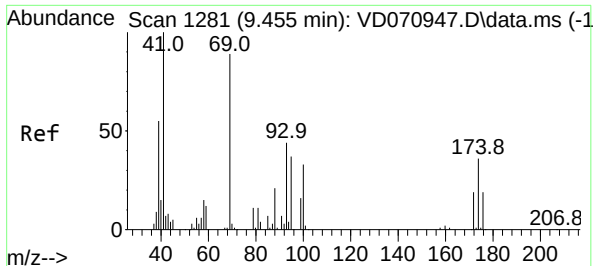
Tgt Ion: 83 Resp: 104723  
Ion Ratio Lower Upper  
83 100  
85 66.7 50.0 75.0  
127 7.7 7.3 10.9



#48  
Methyl methacrylate  
Concen: 16.777 ug/l  
RT: 9.449 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion: 41 Resp: 52048  
Ion Ratio Lower Upper  
41 100  
69 72.6 69.8 104.6  
39 50.1 35.6 53.4





#49

1,4-Dioxane

Concen: 342.820 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.000 min

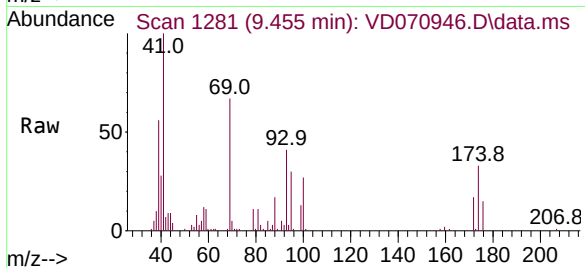
Lab File: VD070946.D

Acq: 09 Nov 2021 11:00

Instrument :

MSVOA\_D

ClientSampleId :



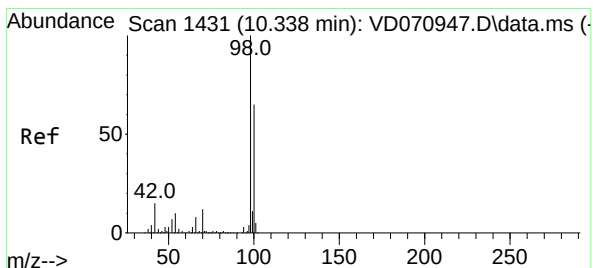
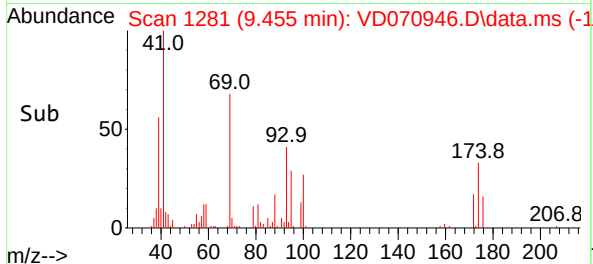
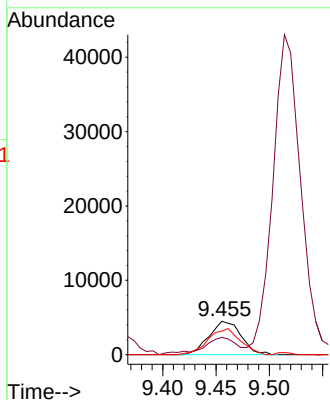
Tgt Ion: 88 Resp: 9431

Ion Ratio Lower Upper

88 100

43 51.9 28.9 43.3#

58 78.3 56.3 84.5



#50

Toluene-d8

Concen: 20.349 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD070946.D

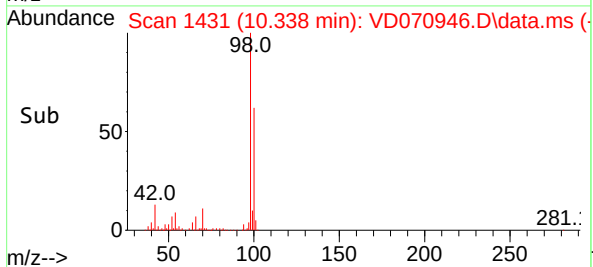
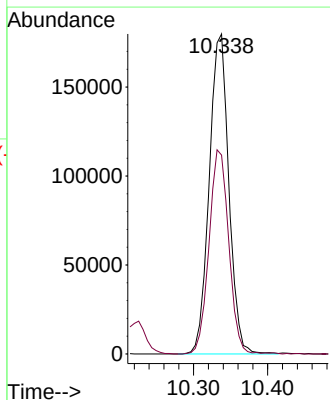
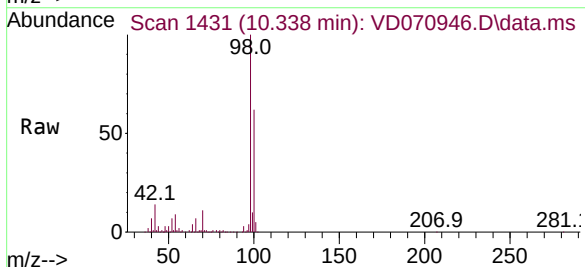
Acq: 09 Nov 2021 11:00

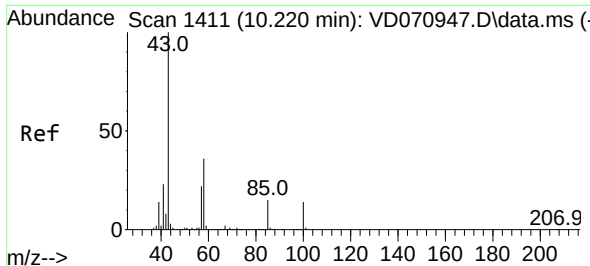
Tgt Ion: 98 Resp: 329876

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.6

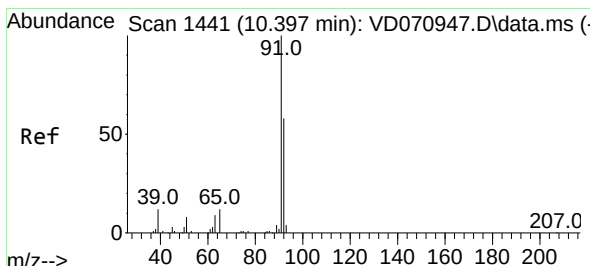
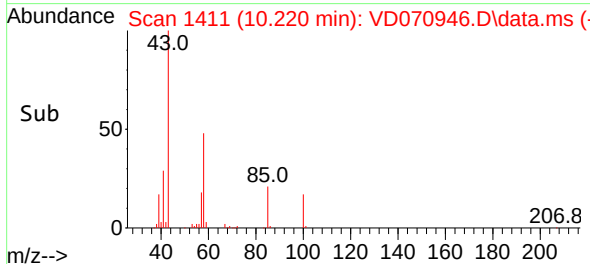
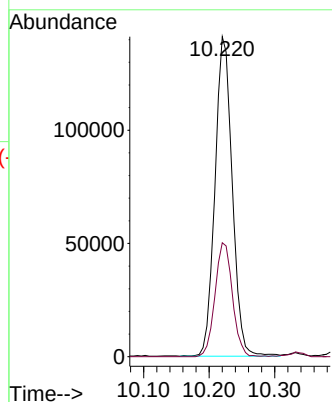
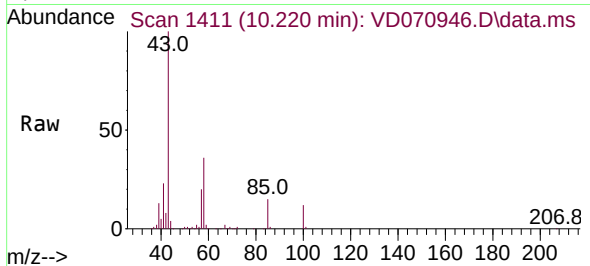




#51  
4-Methyl-2-Pentanone  
Concen: 84.027 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

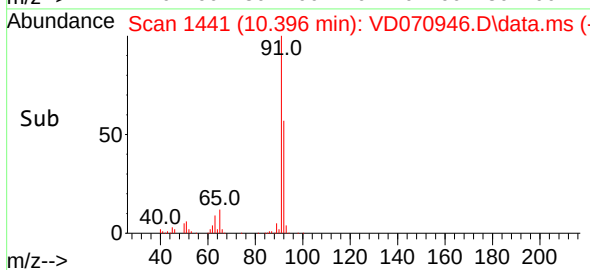
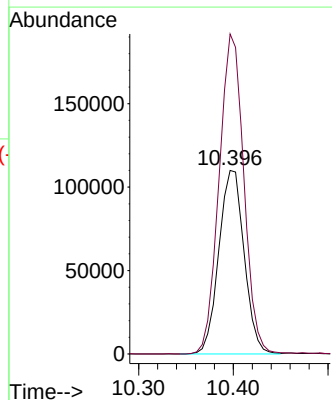
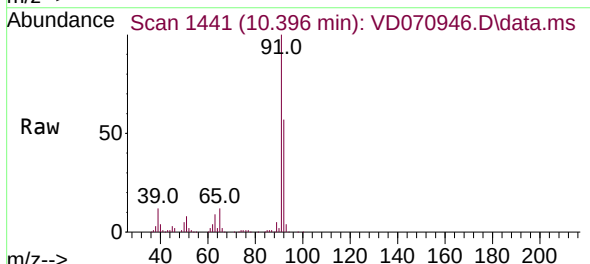
Instrument :  
MSVOA\_D  
ClientSampleId :

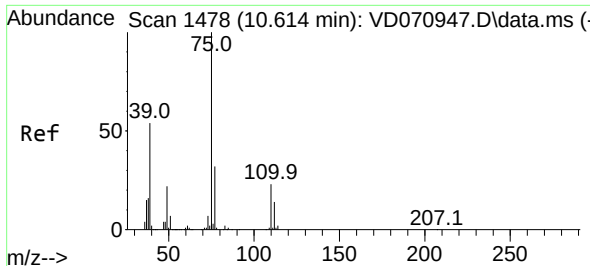
Tgt Ion: 43 Resp: 257624  
Ion Ratio Lower Upper  
43 100  
58 35.9 33.1 49.7



#52  
Toluene  
Concen: 17.596 ug/l  
RT: 10.396 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion: 92 Resp: 204590  
Ion Ratio Lower Upper  
92 100  
91 170.5 140.7 211.1

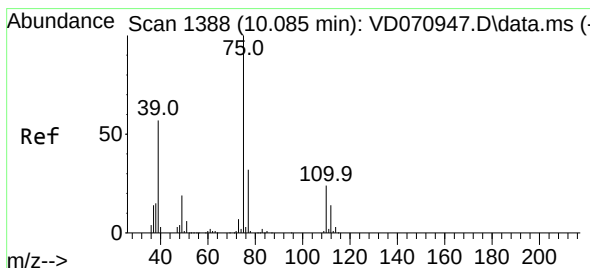
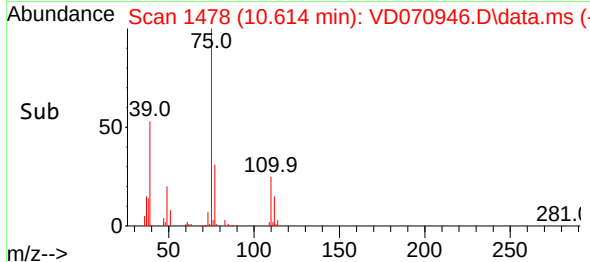
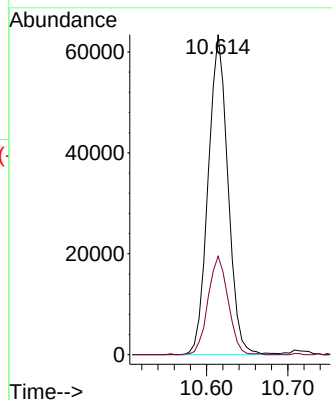
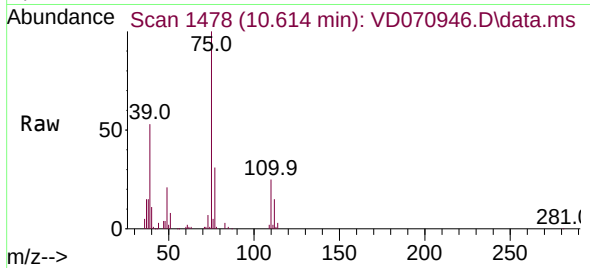




#53  
 t-1,3-Dichloropropene  
 Concen: 16.921 ug/l  
 RT: 10.614 min Scan# 1478  
 Delta R.T. -0.000 min  
 Lab File: VD070946.D  
 Acq: 09 Nov 2021 11:00

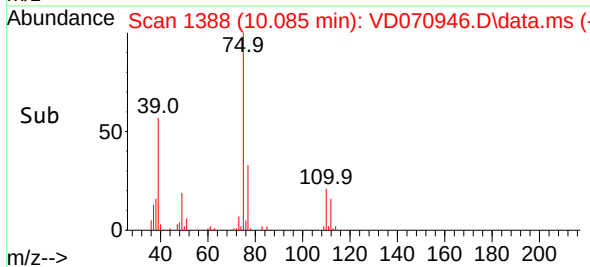
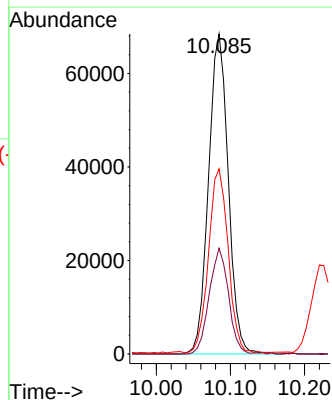
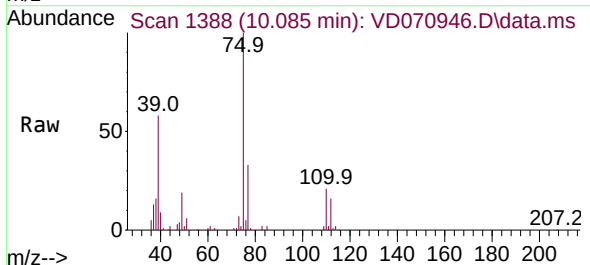
Instrument :  
 MSVOA\_D  
 ClientSampleId :

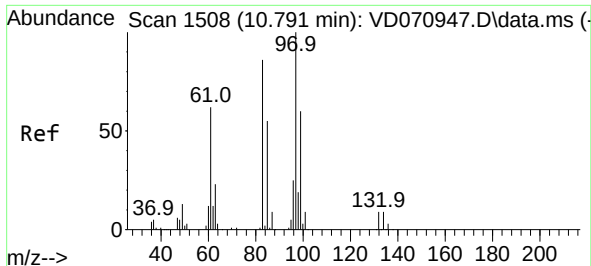
Tgt Ion: 75 Resp: 107161  
 Ion Ratio Lower Upper  
 75 100  
 77 30.8 24.5 36.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 16.948 ug/l  
 RT: 10.085 min Scan# 1388  
 Delta R.T. -0.000 min  
 Lab File: VD070946.D  
 Acq: 09 Nov 2021 11:00

Tgt Ion: 75 Resp: 126565  
 Ion Ratio Lower Upper  
 75 100  
 77 33.0 25.0 37.6  
 39 57.3 31.6 47.4#

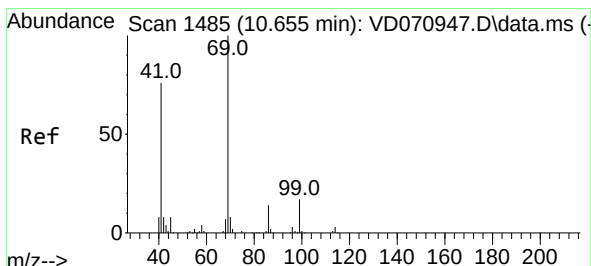
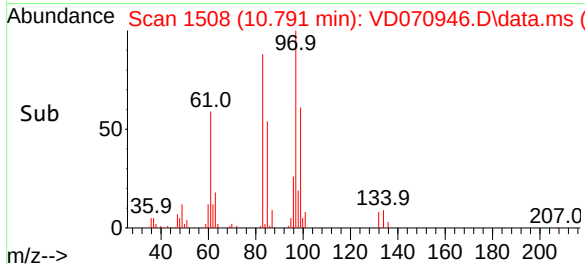
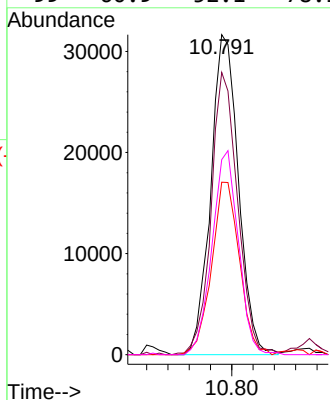
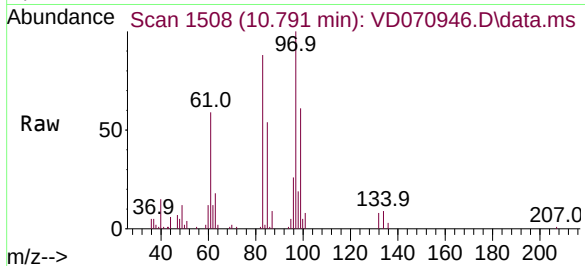




#55  
1,1,2-Trichloroethane  
Concen: 17.515 ug/l  
RT: 10.791 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

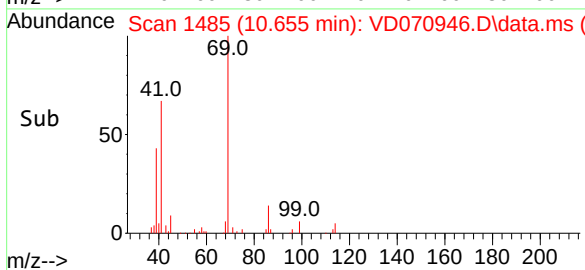
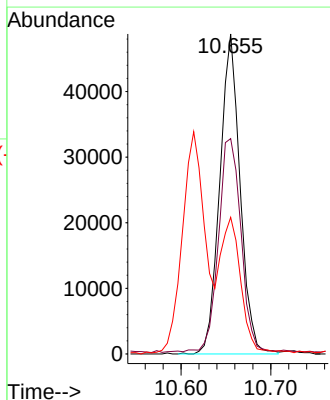
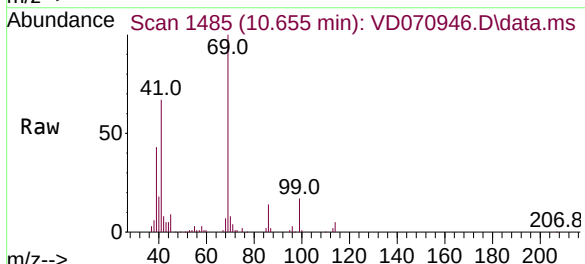
Instrument :  
MSVOA\_D  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 57155 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.7  | 65.2  | 97.8  |
| 85       | 53.9  | 43.4  | 65.0  |
| 99       | 60.9  | 52.1  | 78.1  |

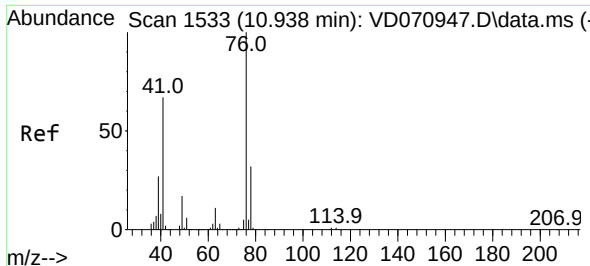


#56  
Ethyl methacrylate  
Concen: 16.590 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 76599 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 73.3  | 50.2  | 75.2  |
| 39       | 42.0  | 19.8  | 29.8  |



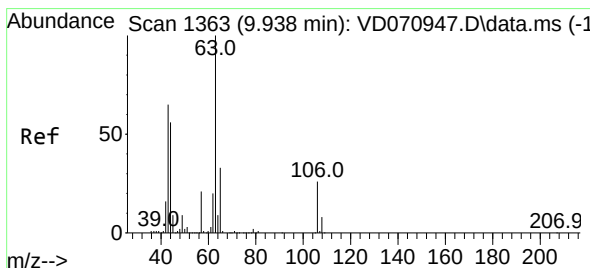
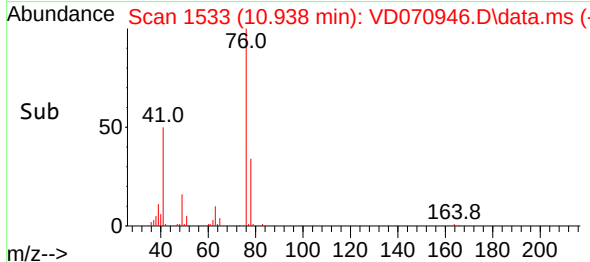
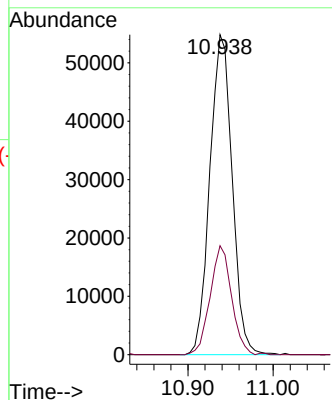
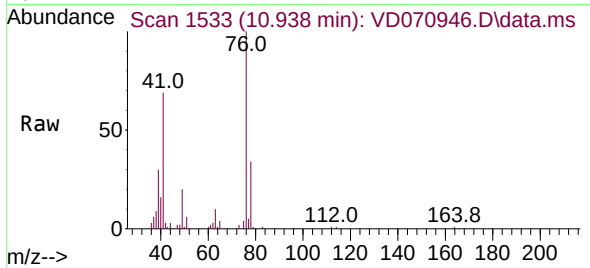




#57  
1,3-Dichloropropane  
Concen: 16.888 ug/l  
RT: 10.938 min Scan# 1533  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

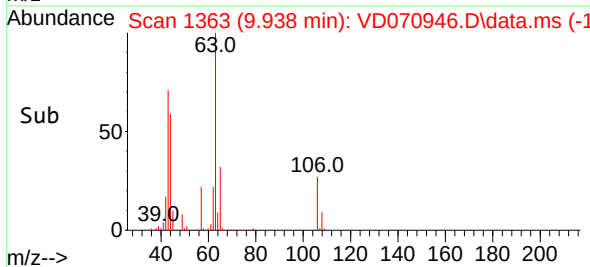
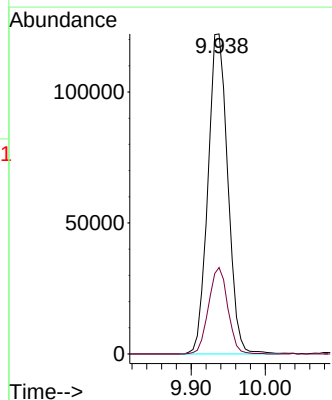
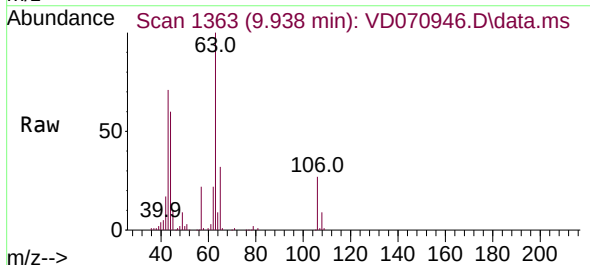
Instrument :  
MSVOA\_D  
ClientSampleId :

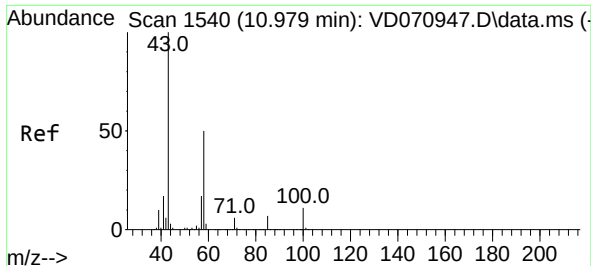
Tgt Ion: 76 Resp: 100082  
Ion Ratio Lower Upper  
76 100  
78 32.7 25.8 38.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 94.811 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion: 63 Resp: 227582  
Ion Ratio Lower Upper  
63 100  
106 26.1 21.0 31.4

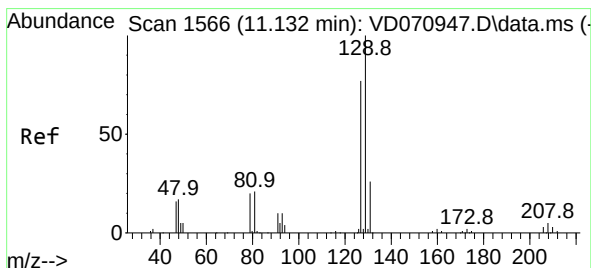
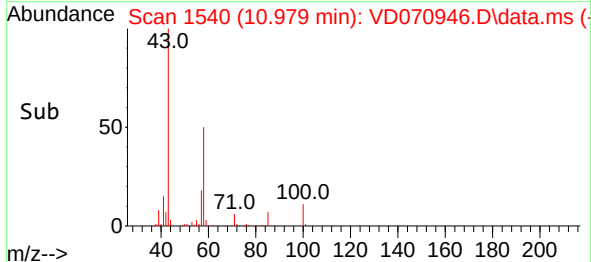
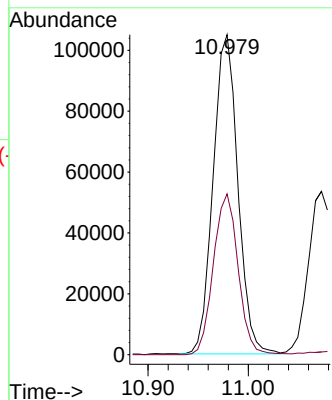
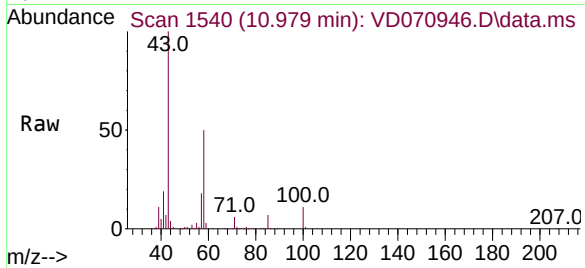




#59  
2-Hexanone  
Concen: 80.399 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

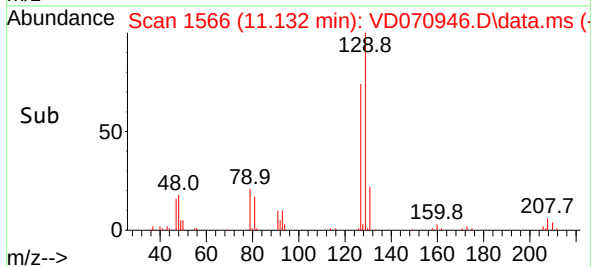
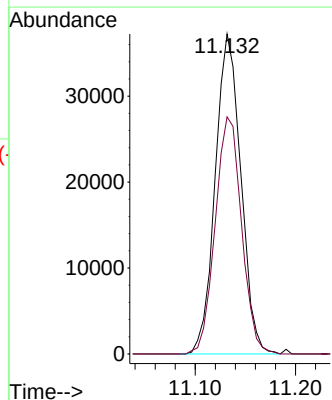
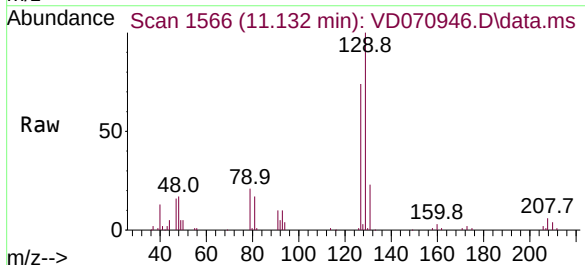
Instrument :  
MSVOA\_D  
ClientSampleId :

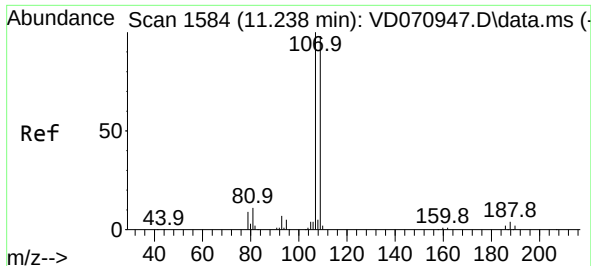
Tgt Ion: 43 Resp: 179516  
Ion Ratio Lower Upper  
43 100  
58 50.4 28.7 86.1



#60  
Dibromochloromethane  
Concen: 16.850 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion: 129 Resp: 65963  
Ion Ratio Lower Upper  
129 100  
127 76.2 38.9 116.6

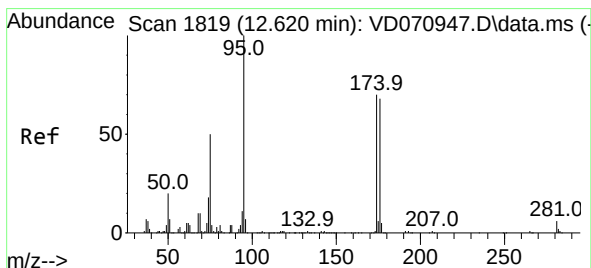
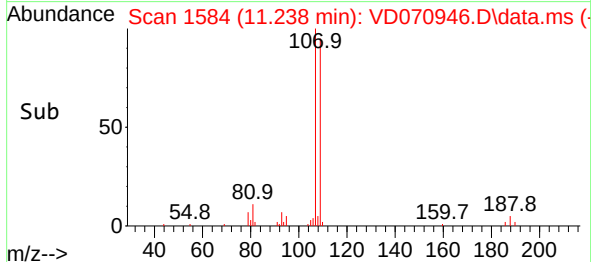
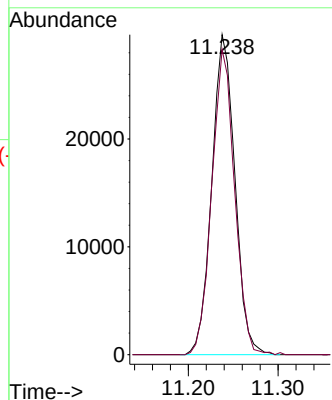
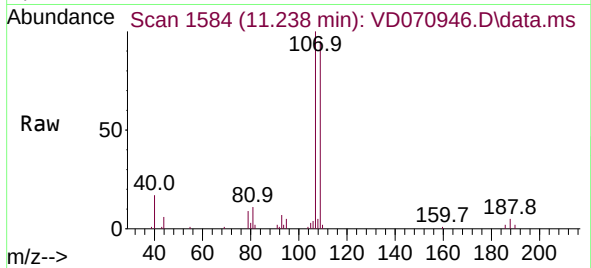




#61  
1,2-Dibromoethane  
Concen: 16.678 ug/l  
RT: 11.238 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

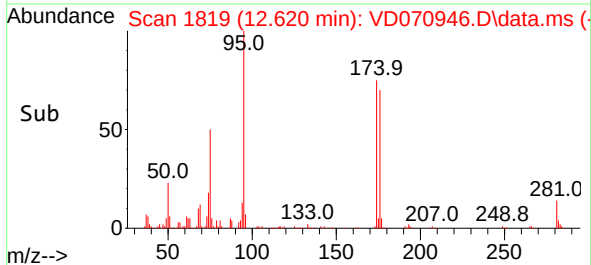
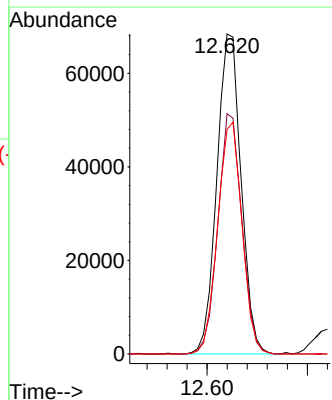
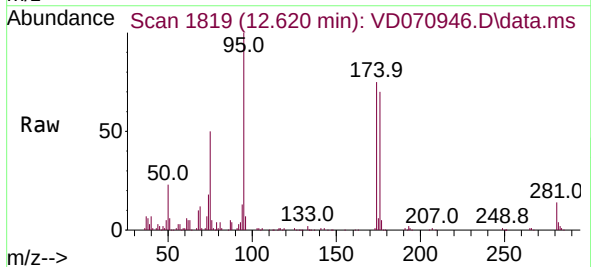
Instrument :  
MSVOA\_D  
ClientSampleId :

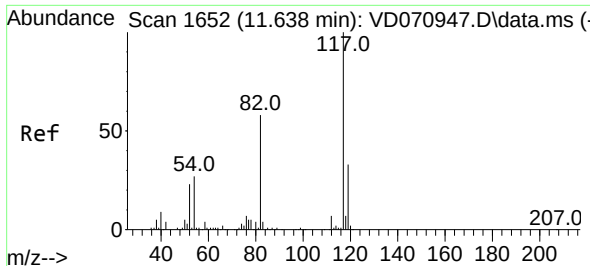
Tgt Ion:107 Resp: 52940  
Ion Ratio Lower Upper  
107 100  
109 94.5 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 19.712 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

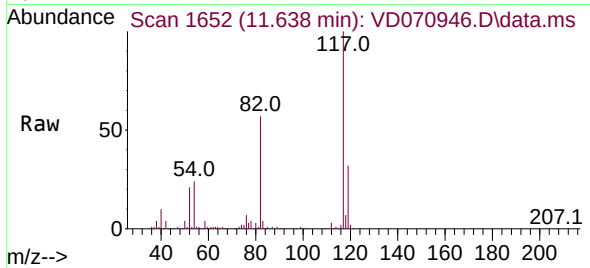
Tgt Ion: 95 Resp: 115057  
Ion Ratio Lower Upper  
95 100  
174 74.1 0.0 159.4  
176 72.4 0.0 154.0



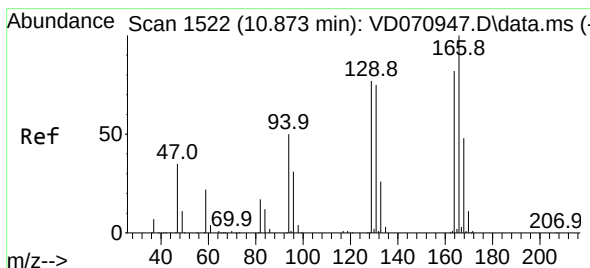
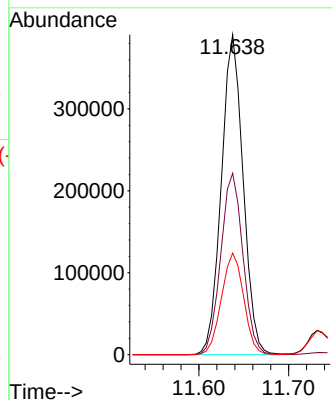
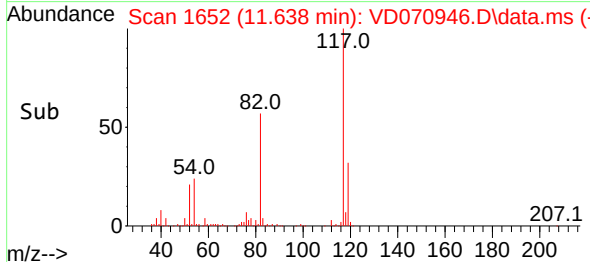


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1170  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Instrument :  
MSVOA\_D  
ClientSampleId :

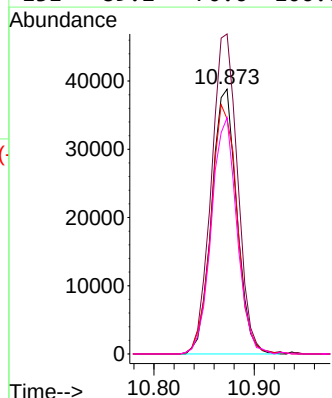
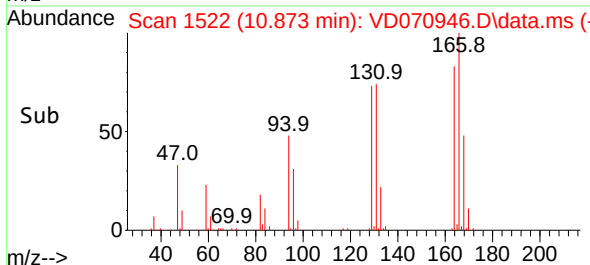
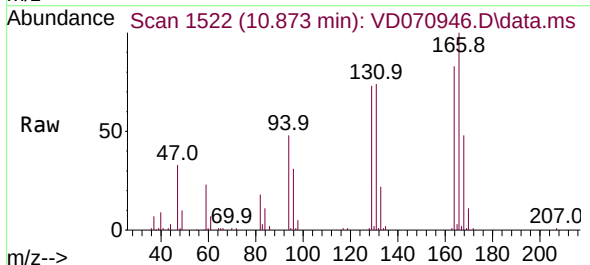


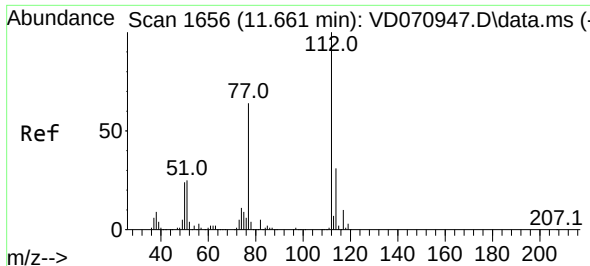
Tgt Ion:117 Resp: 658566  
Ion Ratio Lower Upper  
117 100  
82 56.7 44.7 67.1  
119 31.8 26.2 39.4



#64  
Tetrachloroethene  
Concen: 17.654 ug/l  
RT: 10.873 min Scan# 1522  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion:164 Resp: 67795  
Ion Ratio Lower Upper  
164 100  
166 120.9 102.6 153.8  
129 88.8 75.4 113.0  
131 89.2 70.6 106.0

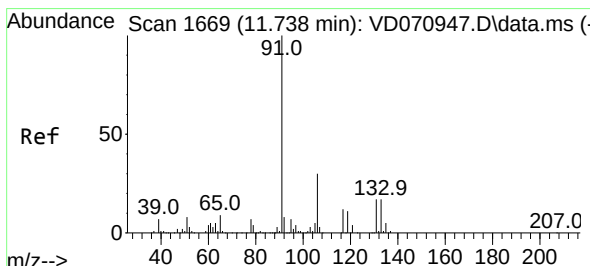
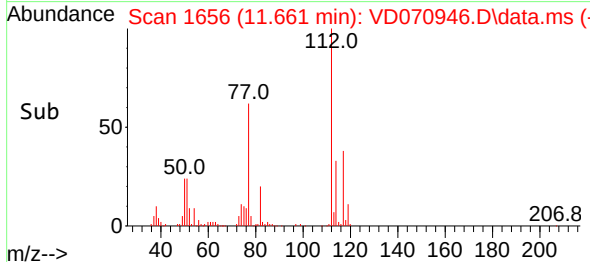
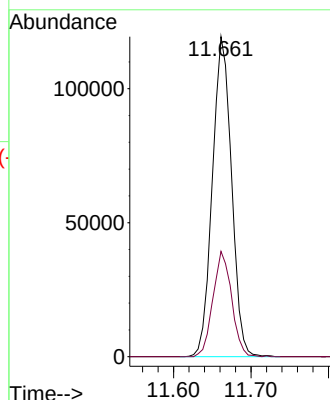
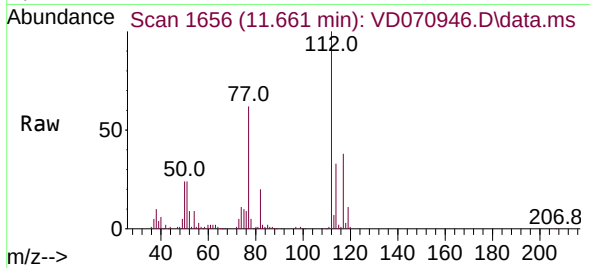




#65  
Chlorobenzene  
Concen: 17.465 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

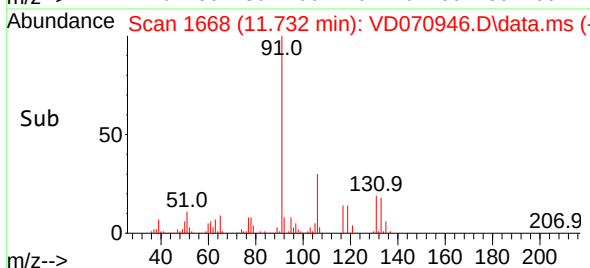
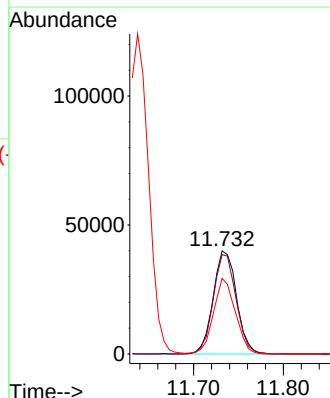
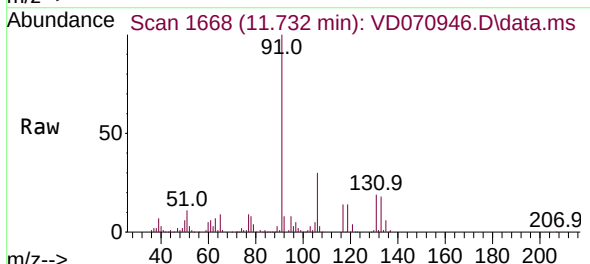
Instrument :  
MSVOA\_D  
ClientSampleId :

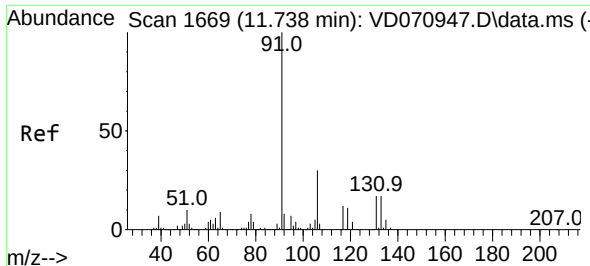
Tgt Ion:112 Resp: 205223  
Ion Ratio Lower Upper  
112 100  
114 32.9 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 17.326 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.006 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion:131 Resp: 72260  
Ion Ratio Lower Upper  
131 100  
133 95.0 48.0 144.0  
119 68.6 33.5 100.4

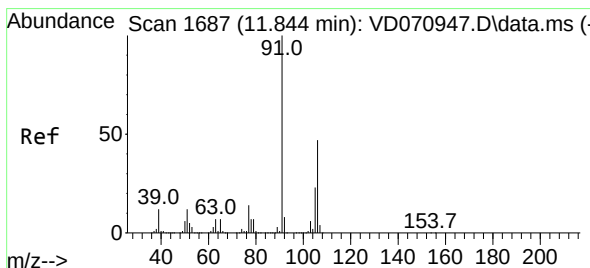
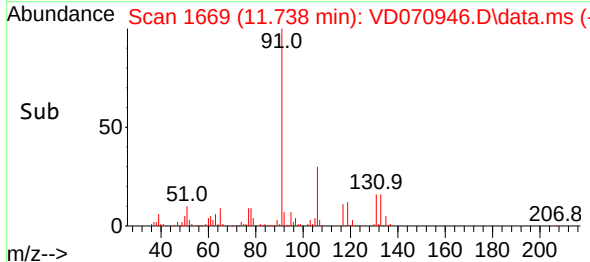
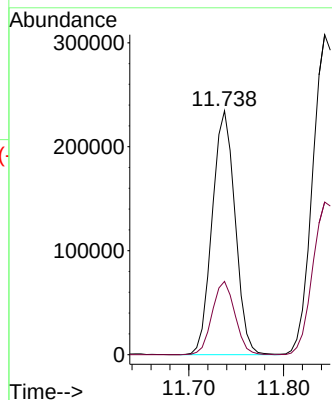
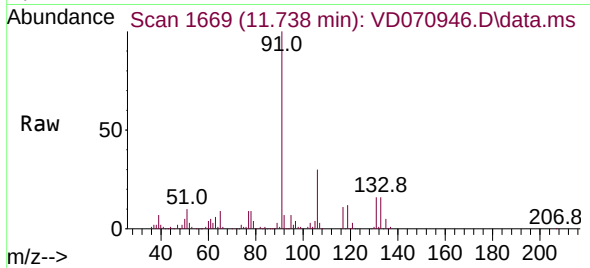




#67  
Ethyl Benzene  
Concen: 17.690 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

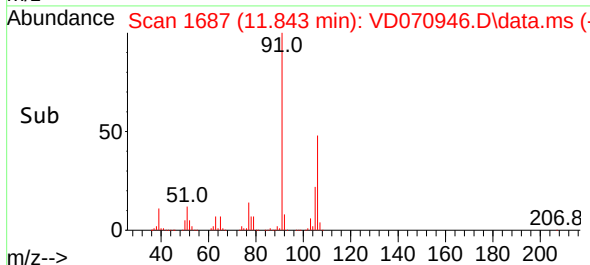
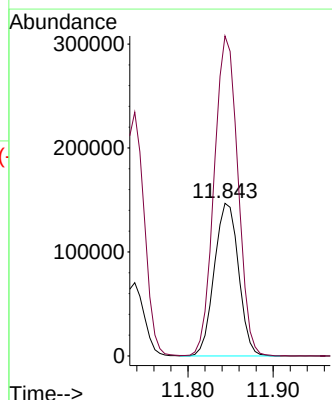
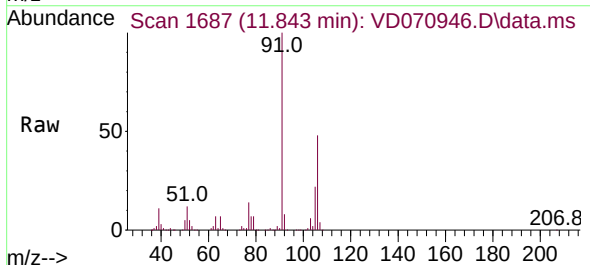
Instrument :  
MSVOA\_D  
ClientSampleId :

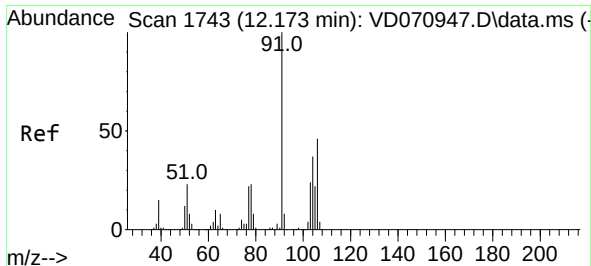
Tgt Ion: 91 Resp: 393642  
Ion Ratio Lower Upper  
91 100  
106 30.0 24.6 36.8



#68  
m/p-Xylenes  
Concen: 34.975 ug/l  
RT: 11.843 min Scan# 1687  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion:106 Resp: 290878  
Ion Ratio Lower Upper  
106 100  
91 205.2 160.1 240.1

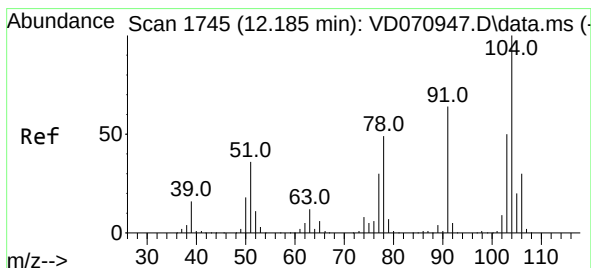
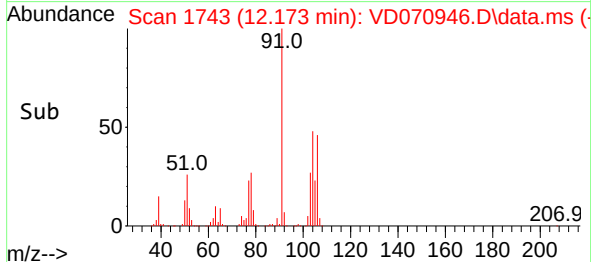
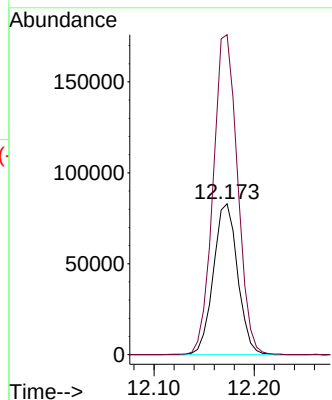
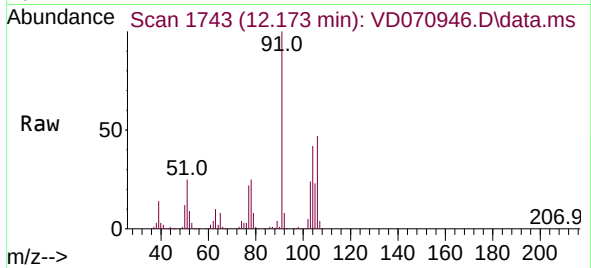




#69  
o-Xylene  
Concen: 17.607 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

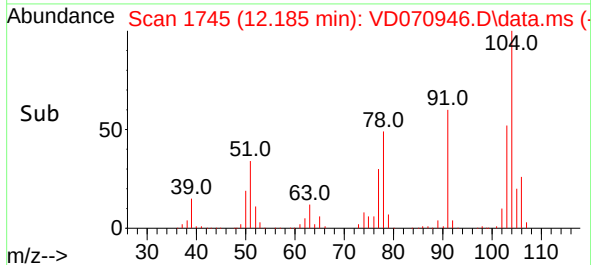
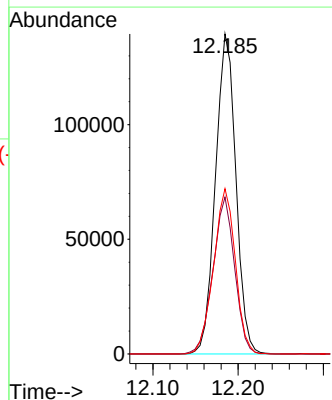
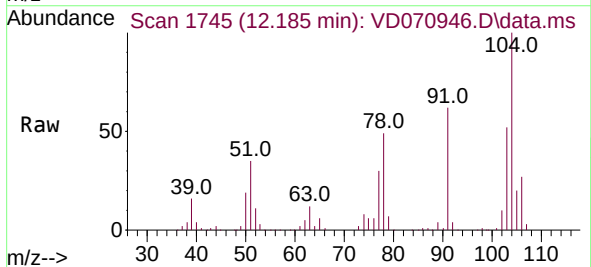
Instrument :  
MSVOA\_D  
ClientSampleId :

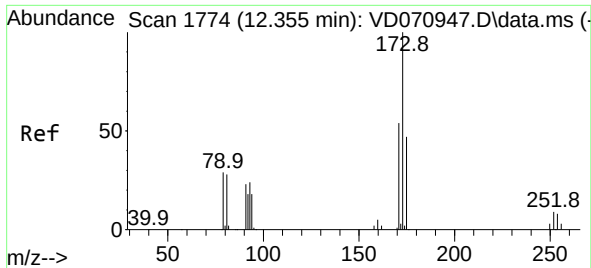
Tgt Ion:106 Resp: 139283  
Ion Ratio Lower Upper  
106 100  
91 214.2 106.3 319.0



#70  
Styrene  
Concen: 17.339 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion:104 Resp: 232242  
Ion Ratio Lower Upper  
104 100  
78 52.0 39.4 59.0  
103 55.0 43.4 65.0

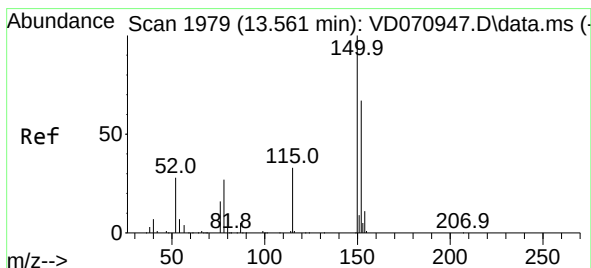
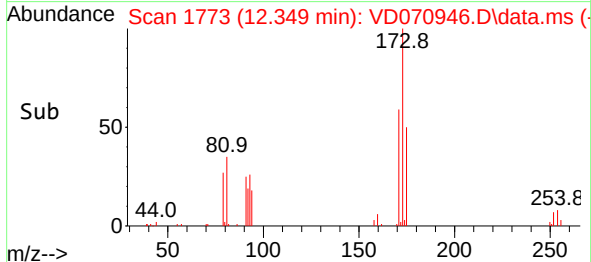
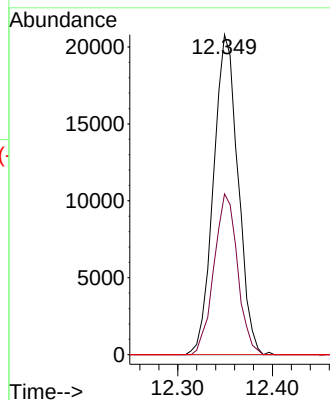
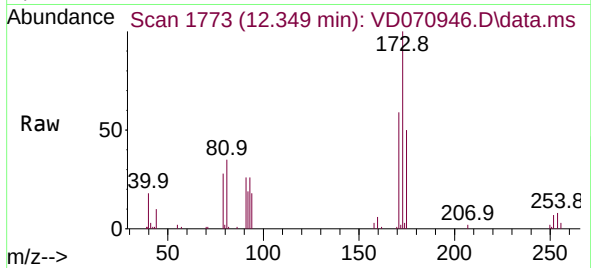




#71  
Bromoform  
Concen: 17.195 ug/l  
RT: 12.349 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

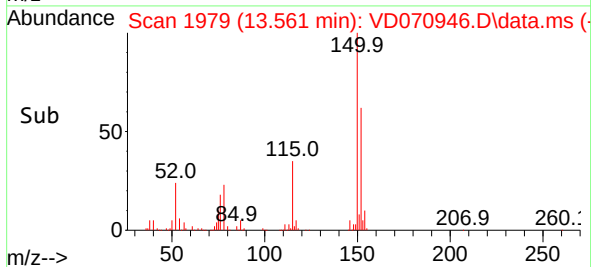
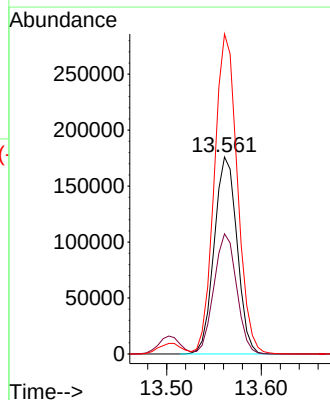
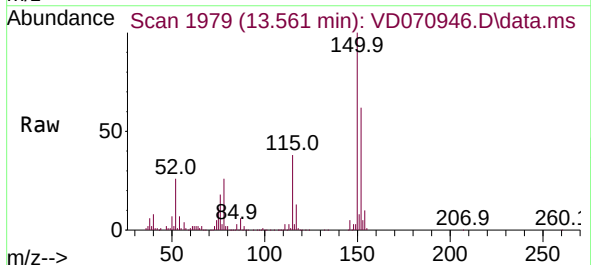
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:173 Resp: 37398  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.1 72.2  
254 0.0 0.1 0.1#

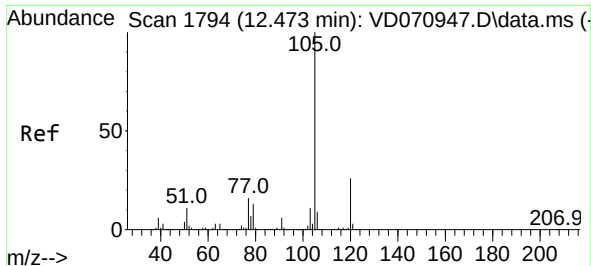


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion:152 Resp: 294591  
Ion Ratio Lower Upper  
152 100  
115 60.8 29.8 89.3  
150 164.3 0.0 349.2

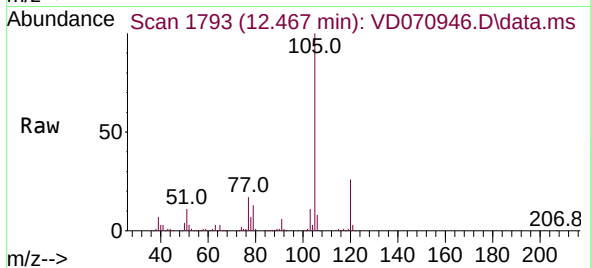




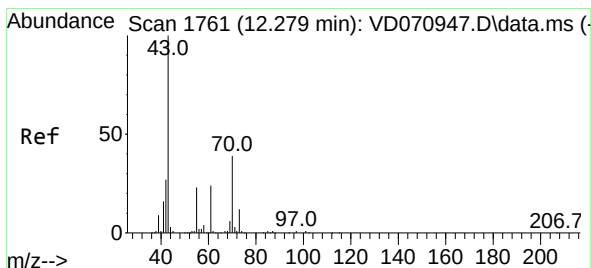
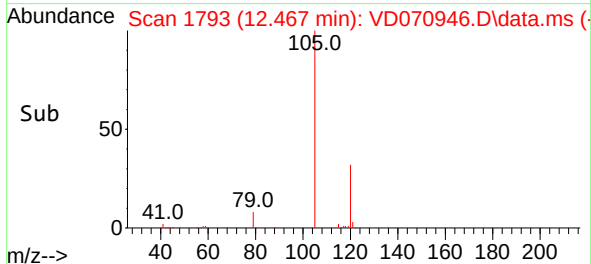
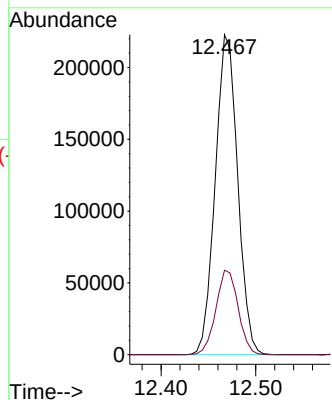


#73  
Isopropylbenzene  
Concen: 17.316 ug/l  
RT: 12.467 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Instrument :  
MSVOA\_D  
ClientSampleId :

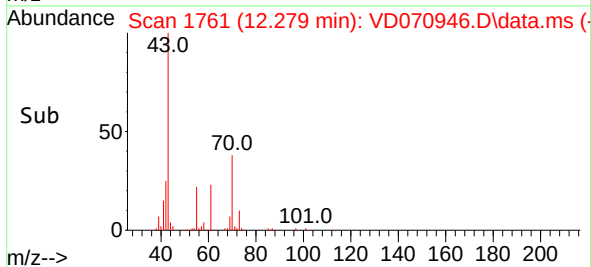
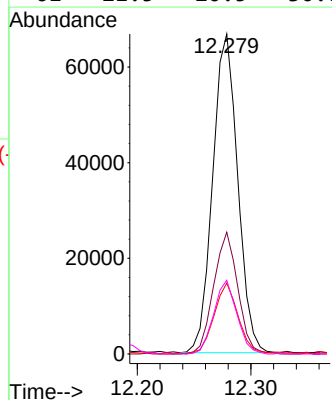
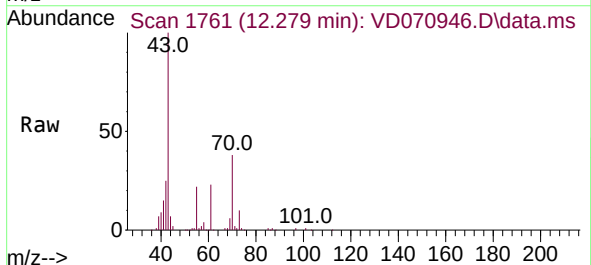


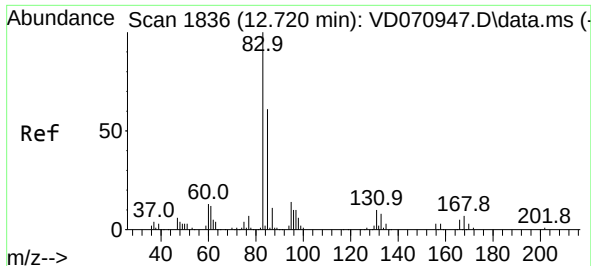
Tgt Ion:105 Resp: 367485  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.2 39.5



#74  
N-ethyl acetate  
Concen: 16.787 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion: 43 Resp: 101779  
Ion Ratio Lower Upper  
43 100  
70 37.0 36.6 55.0  
55 21.7 22.5 33.7#  
61 21.5 20.5 30.7

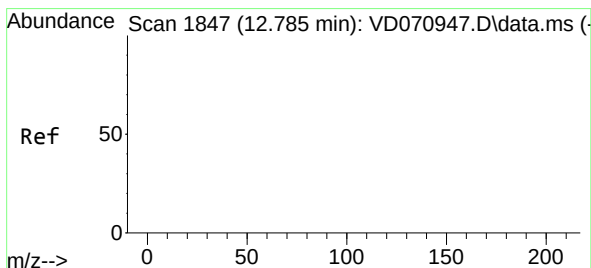
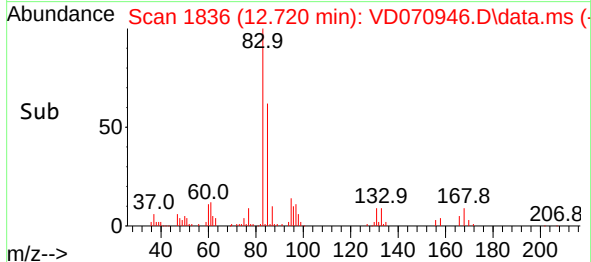
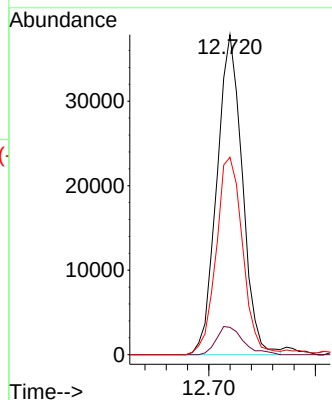
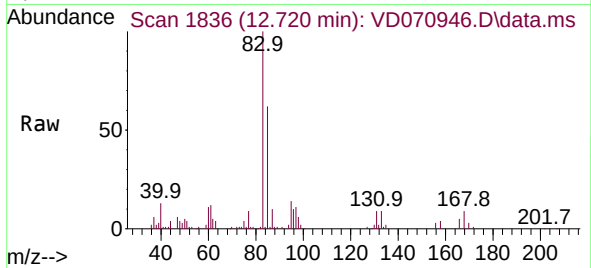




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 17.214 ug/l  
 RT: 12.720 min Scan# 1836  
 Delta R.T. -0.000 min  
 Lab File: VD070946.D  
 Acq: 09 Nov 2021 11:00

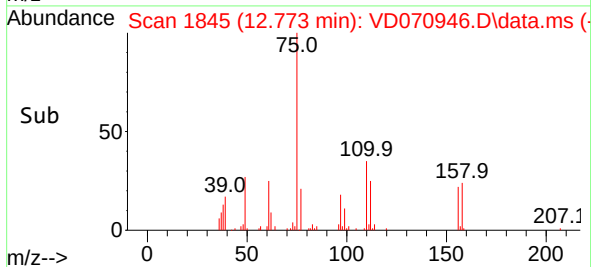
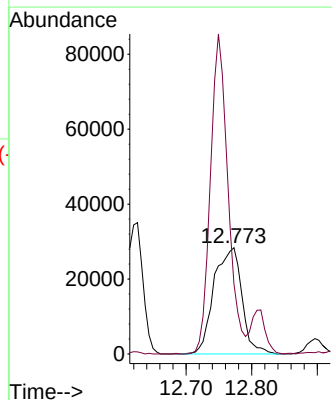
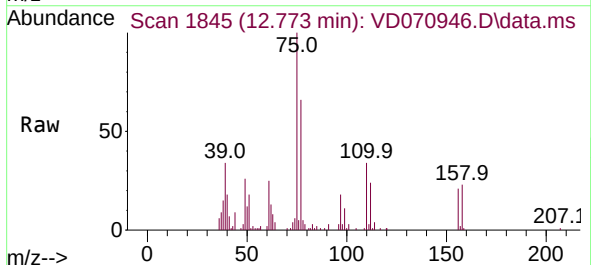
Instrument :  
 MSVOA\_D  
 ClientSampleId :

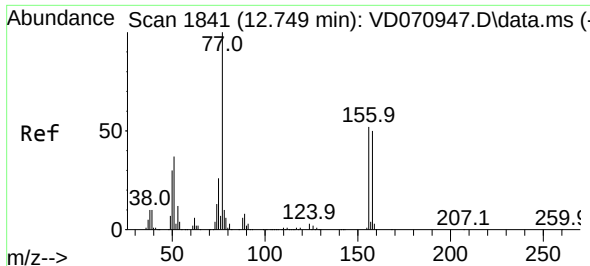
Tgt Ion: 83 Resp: 62882  
 Ion Ratio Lower Upper  
 83 100  
 131 9.3 4.9 14.7  
 85 64.1 32.0 96.2



#76  
 1,2,3-Trichloropropane  
 Concen: 93.920 ug/l  
 RT: 12.773 min Scan# 1845  
 Delta R.T. -0.012 min  
 Lab File: VD070946.D  
 Acq: 09 Nov 2021 11:00

Tgt Ion: 75 Resp: 83704  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 158.4 475.3#

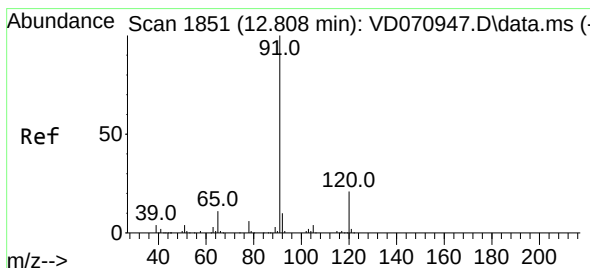
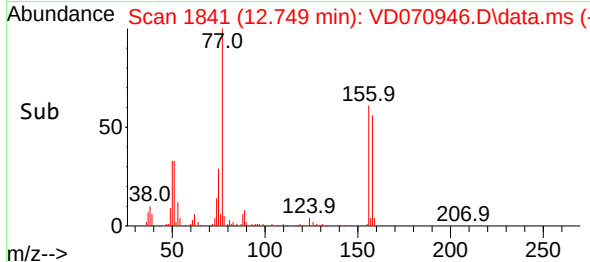
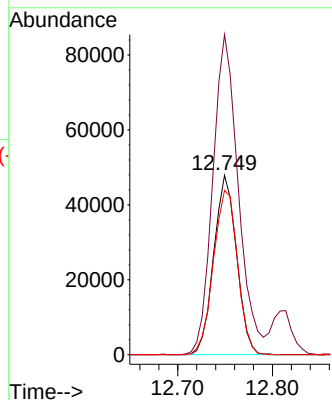
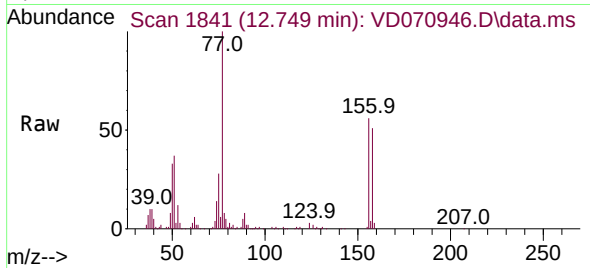




#77  
Bromobenzene  
Concen: 17.668 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

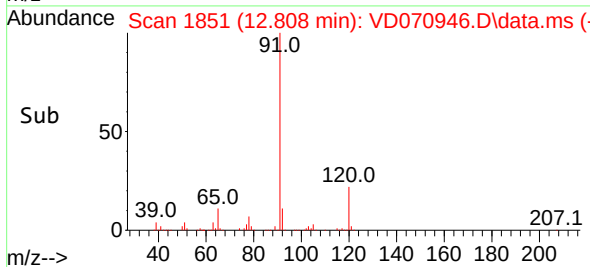
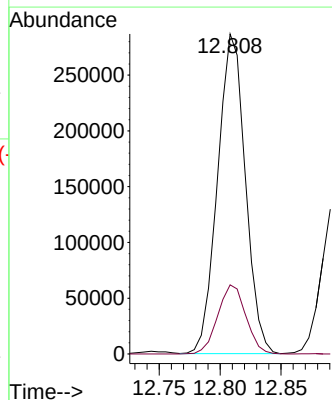
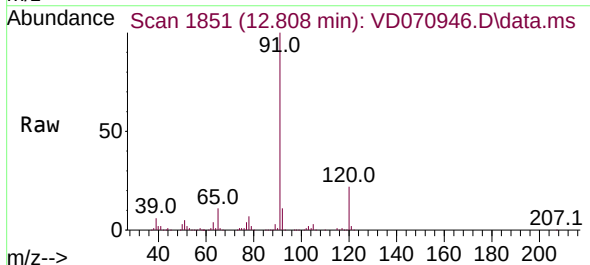
Instrument :  
MSVOA\_D  
ClientSampleId :

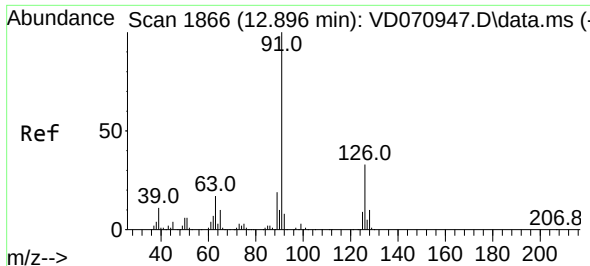
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 199.4 | 96.6  | 289.8 |
| 158     | 97.1  | 49.1  | 147.4 |



#78  
n-propylbenzene  
Concen: 17.290 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 21.8  | 10.9  | 32.9  |

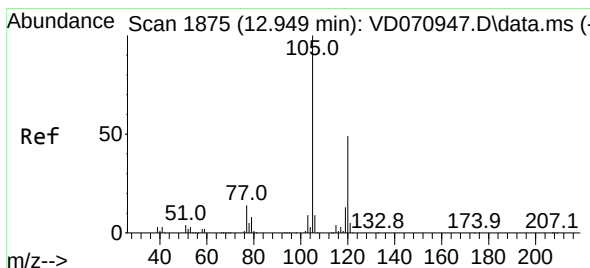
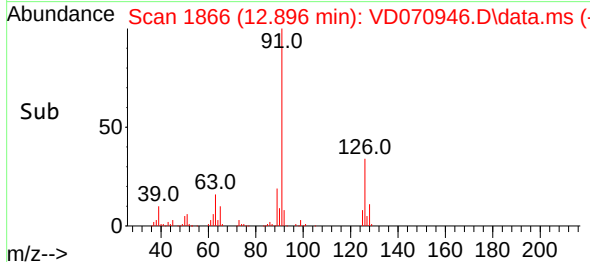
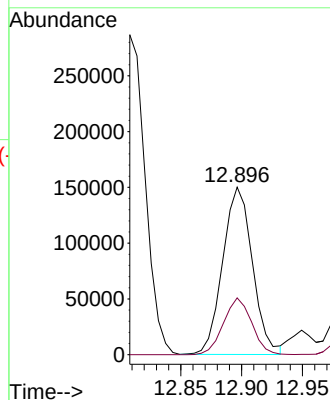
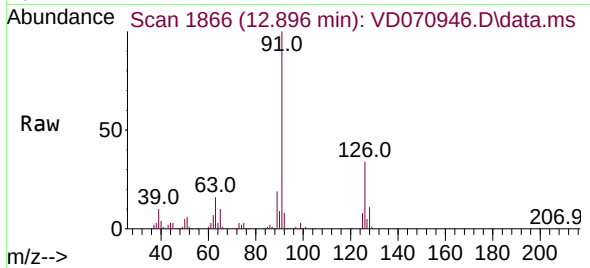




#79  
2-Chlorotoluene  
Concen: 17.054 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

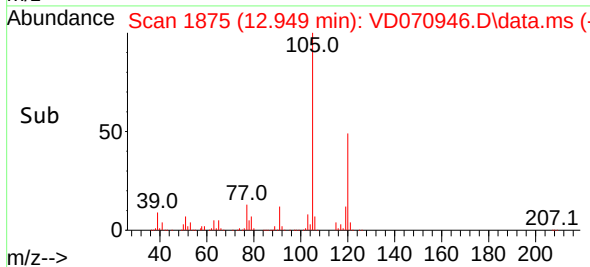
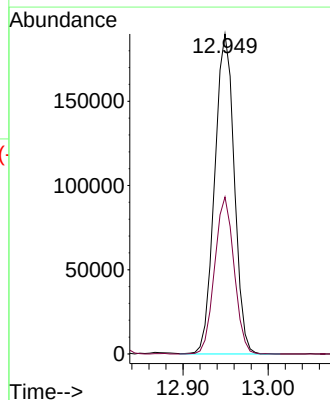
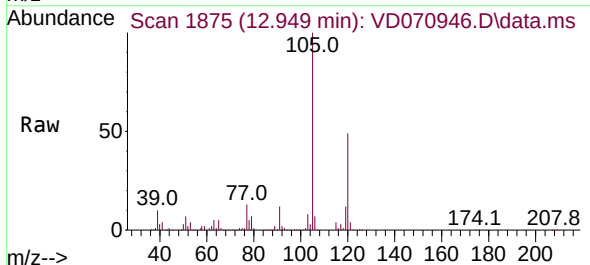
Instrument :  
MSVOA\_D  
ClientSampleId :

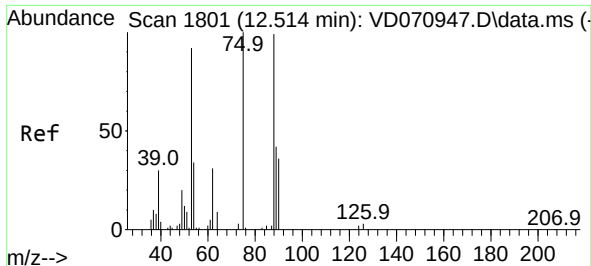
Tgt Ion: 91 Resp: 255714  
Ion Ratio Lower Upper  
91 100  
126 32.1 16.6 49.7



#80  
1,3,5-Trimethylbenzene  
Concen: 17.350 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion:105 Resp: 303166  
Ion Ratio Lower Upper  
105 100  
120 48.7 24.6 73.8

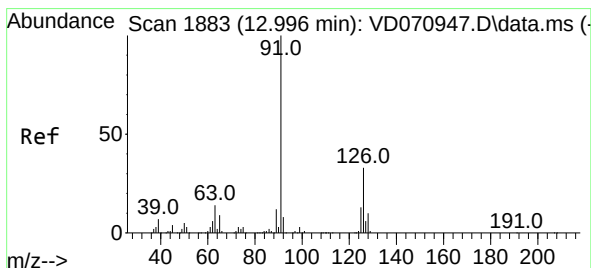
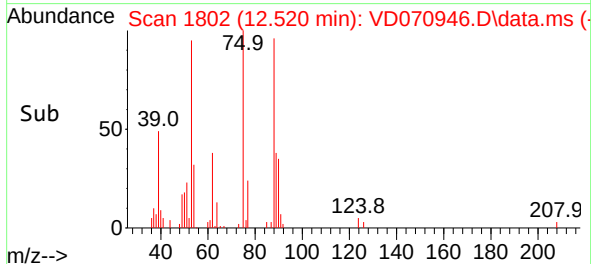
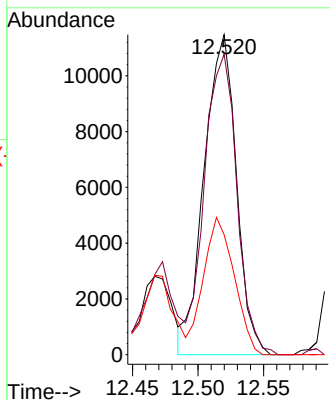
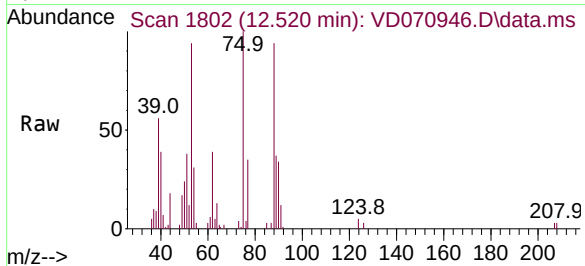




#81  
trans-1,4-Dichloro-2-butene  
Concen: 16.320 ug/l  
RT: 12.520 min Scan# 1801  
Delta R.T. 0.006 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

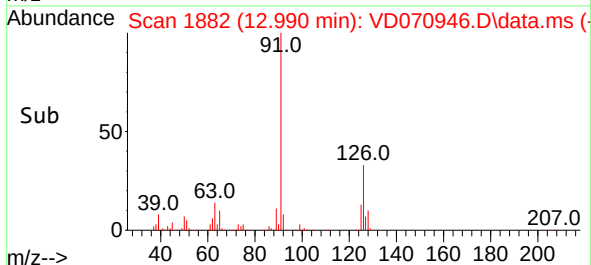
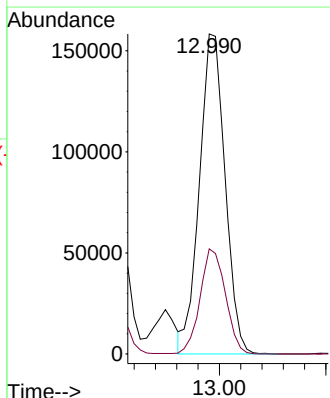
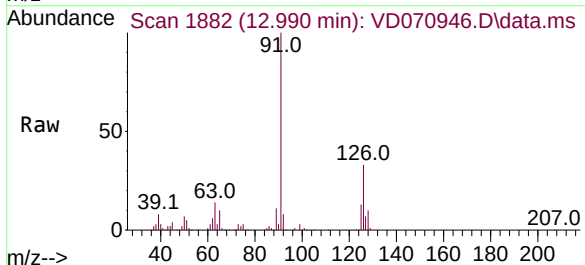
Instrument :  
MSVOA\_D  
ClientSampleId :

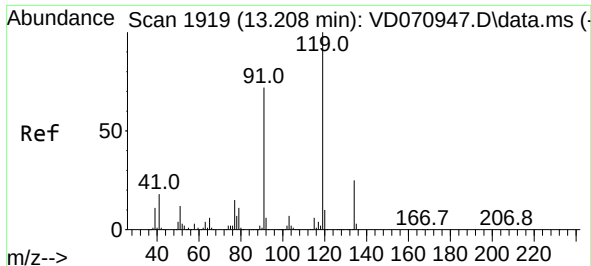
Tgt Ion: 75 Resp: 19594  
Ion Ratio Lower Upper  
75 100  
53 93.8 62.6 94.0  
89 41.1 34.5 51.7



#82  
4-Chlorotoluene  
Concen: 17.143 ug/l  
RT: 12.990 min Scan# 1882  
Delta R.T. -0.006 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion: 91 Resp: 265286  
Ion Ratio Lower Upper  
91 100  
126 32.5 16.4 49.1

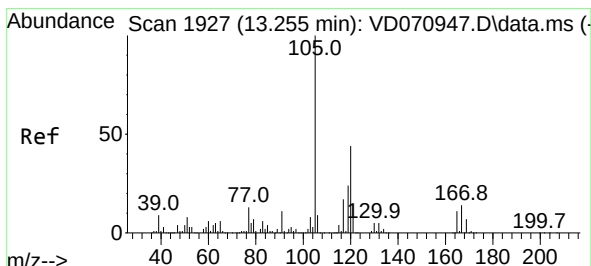
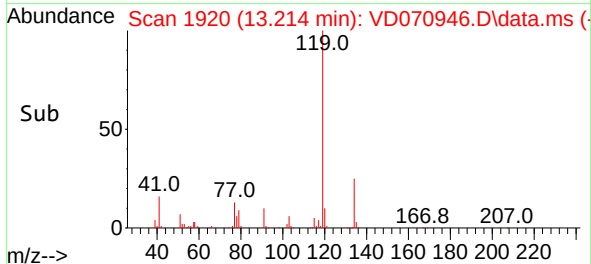
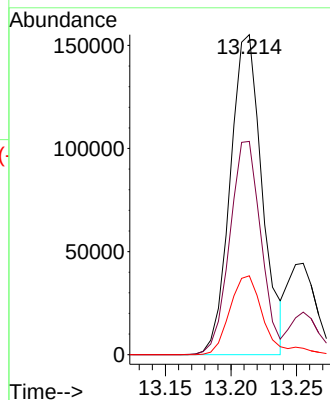
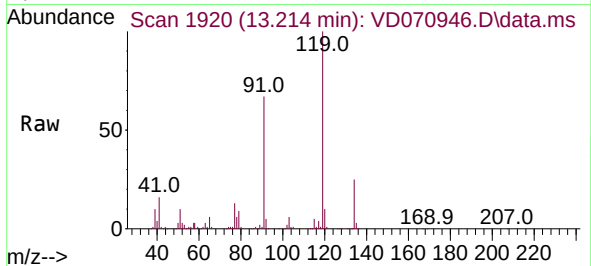




#83  
tert-Butylbenzene  
Concen: 17.469 ug/l  
RT: 13.214 min Scan# 1919  
Delta R.T. 0.006 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

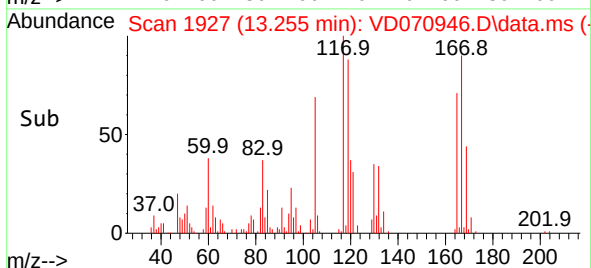
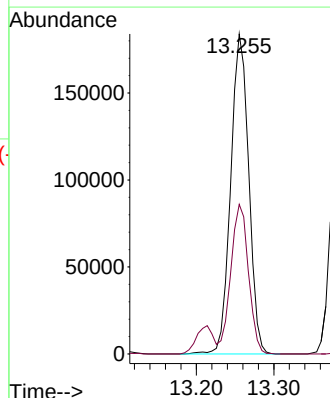
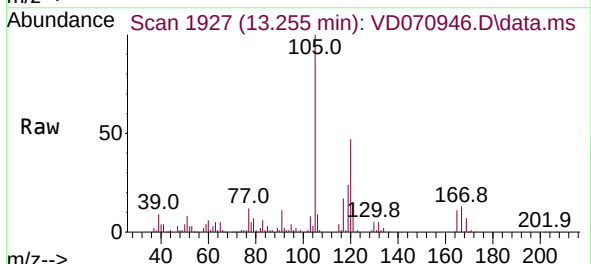
Instrument :  
MSVOA\_D  
ClientSampleId :

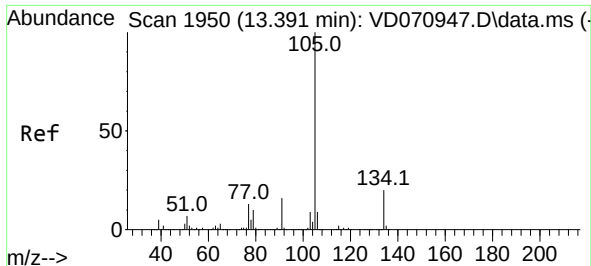
Tgt Ion:119 Resp: 262951  
Ion Ratio Lower Upper  
119 100  
91 65.3 32.5 97.5  
134 26.3 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 17.392 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion:105 Resp: 297627  
Ion Ratio Lower Upper  
105 100  
120 46.0 22.9 68.7

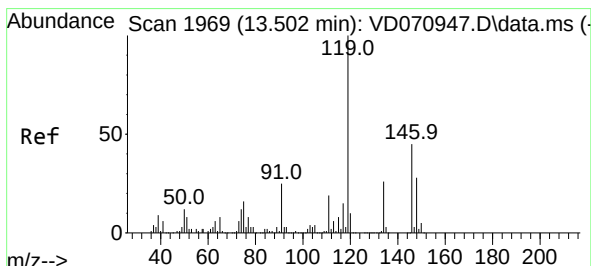
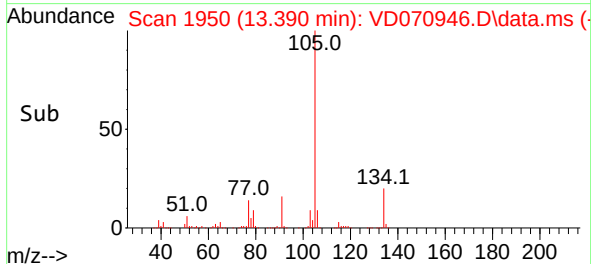
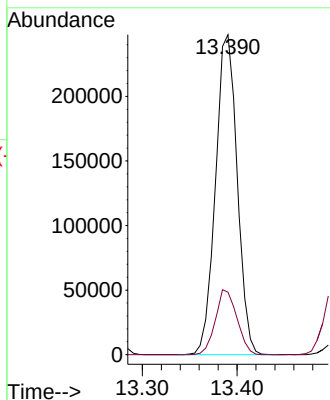
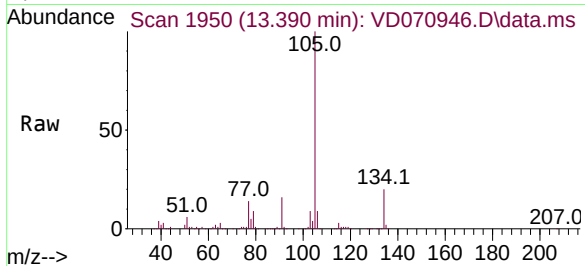




#85  
 sec-Butylbenzene  
 Concen: 17.438 ug/l  
 RT: 13.390 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD070946.D  
 Acq: 09 Nov 2021 11:00

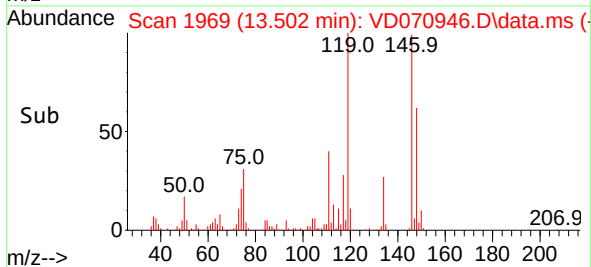
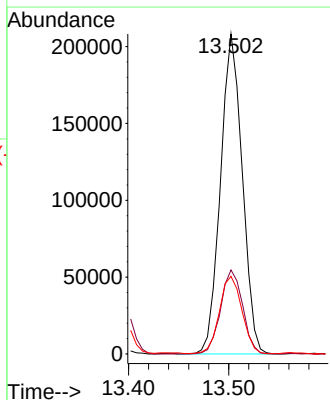
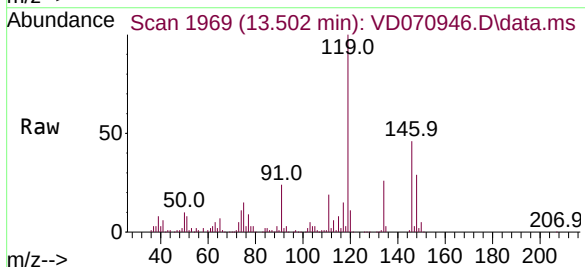
Instrument :  
 MSVOA\_D  
 ClientSampleId :

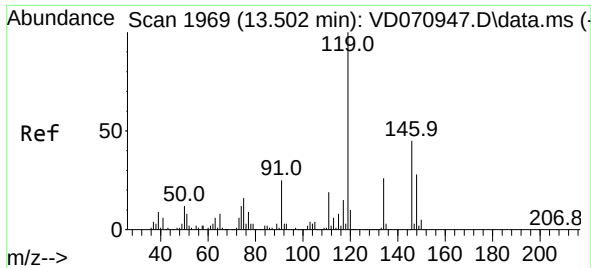
Tgt Ion:105 Resp: 394616  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 17.290 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.000 min  
 Lab File: VD070946.D  
 Acq: 09 Nov 2021 11:00

Tgt Ion:119 Resp: 314181  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.0 38.9  
 91 25.0 11.4 34.2

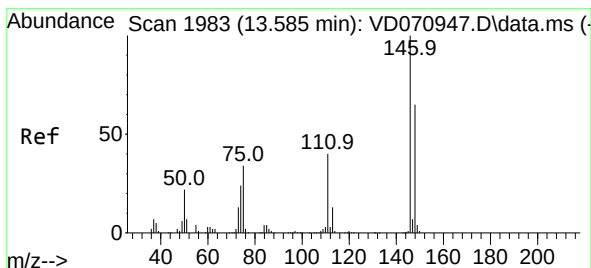
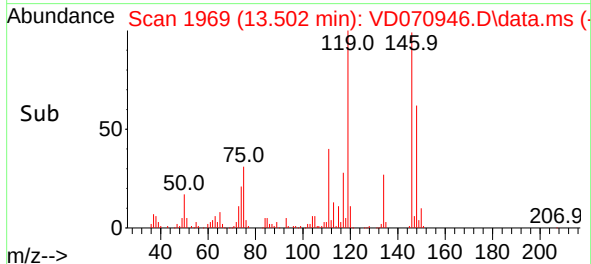
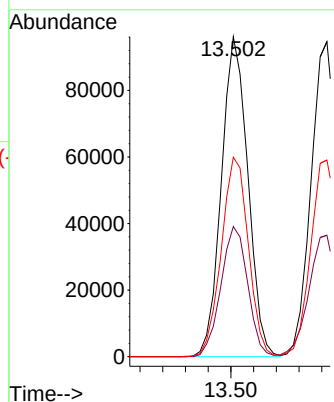
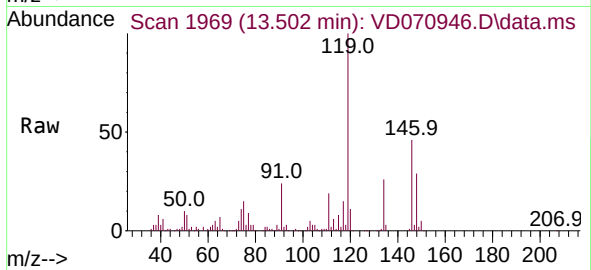




#87  
 1,3-Dichlorobenzene  
 Concen: 17.531 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. -0.000 min  
 Lab File: VD070946.D  
 Acq: 09 Nov 2021 11:00

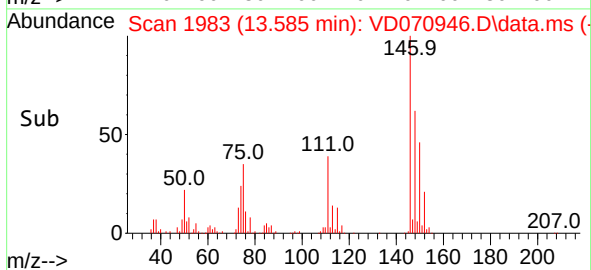
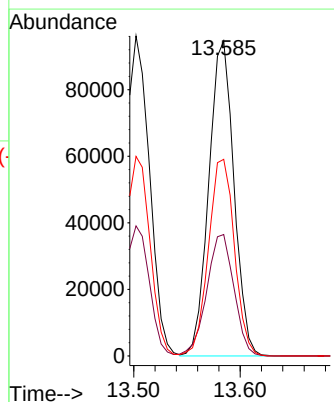
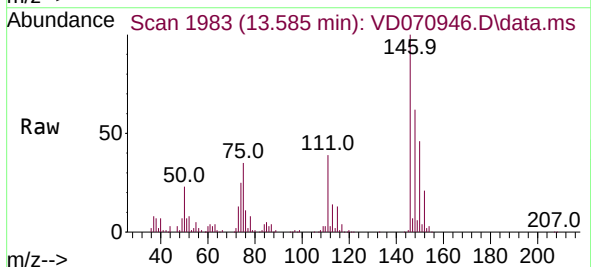
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion:146 Resp: 155431  
 Ion Ratio Lower Upper  
 146 100  
 111 41.1 19.8 59.4  
 148 63.8 32.1 96.3

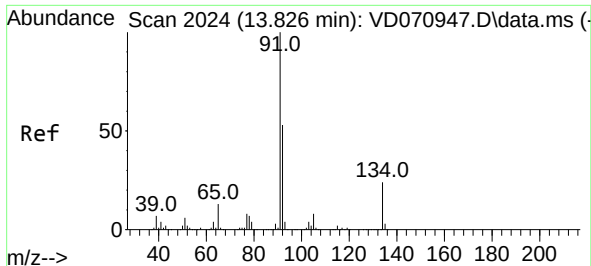


#88  
 1,4-Dichlorobenzene  
 Concen: 17.470 ug/l  
 RT: 13.585 min Scan# 1983  
 Delta R.T. -0.000 min  
 Lab File: VD070946.D  
 Acq: 09 Nov 2021 11:00

Tgt Ion:146 Resp: 155081  
 Ion Ratio Lower Upper  
 146 100  
 111 41.8 19.6 58.8  
 148 64.5 31.5 94.5



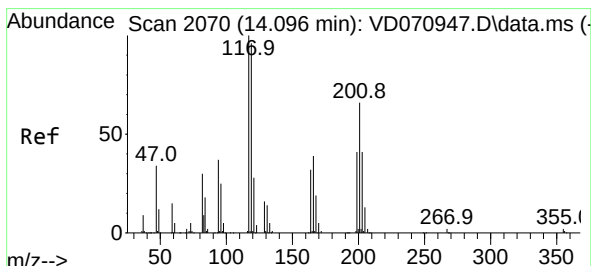
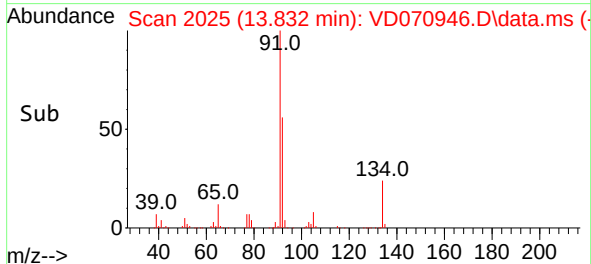
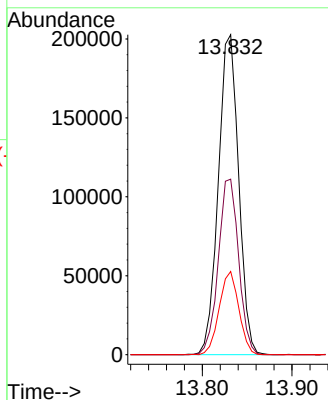
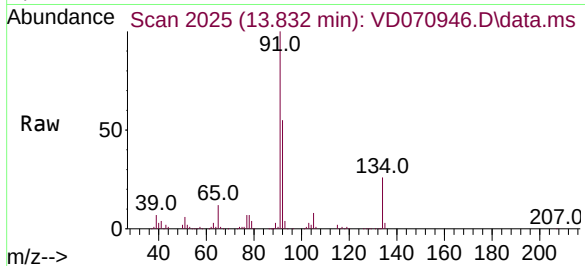




#89  
n-Butylbenzene  
Concen: 17.462 ug/l  
RT: 13.832 min Scan# 2024  
Delta R.T. 0.006 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

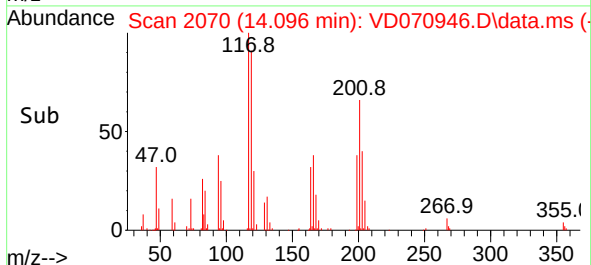
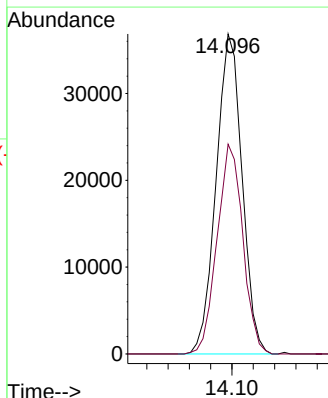
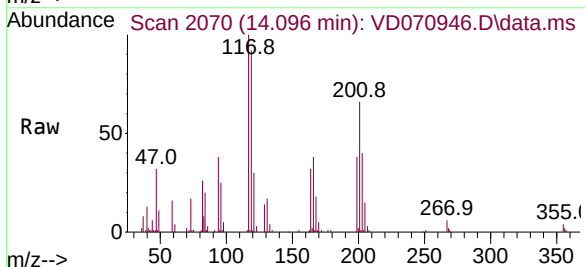
Instrument :  
MSVOA\_D  
ClientSampleId :

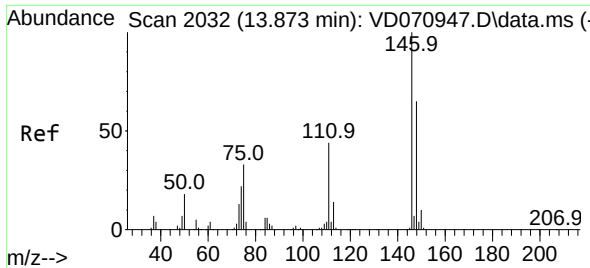
Tgt Ion: 91 Resp: 318894  
Ion Ratio Lower Upper  
91 100  
92 54.9 27.3 81.9  
134 25.1 12.3 36.9



#90  
Hexachloroethane  
Concen: 17.321 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

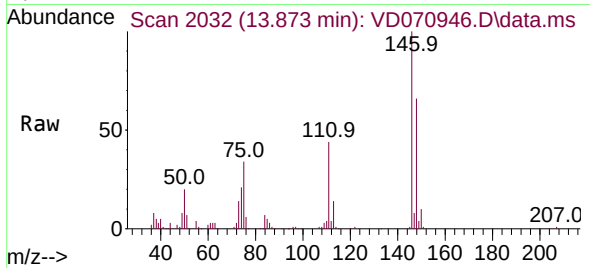
Tgt Ion: 117 Resp: 62285  
Ion Ratio Lower Upper  
117 100  
201 65.0 36.0 108.1



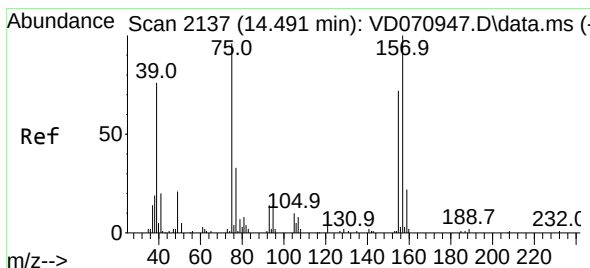
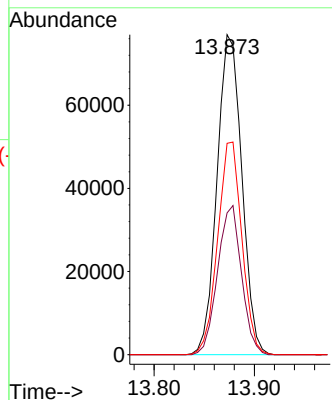
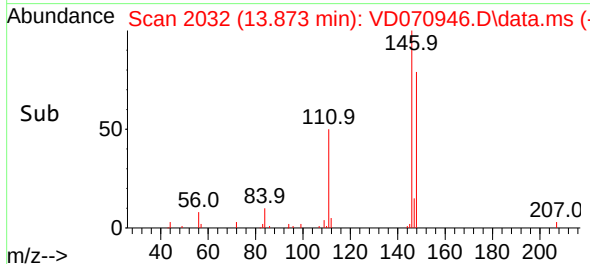


#91  
1,2-Dichlorobenzene  
Concen: 17.210 ug/l  
RT: 13.873 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

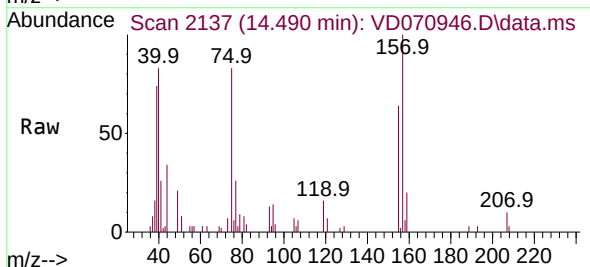
Instrument :  
MSVOA\_D  
ClientSampleId :



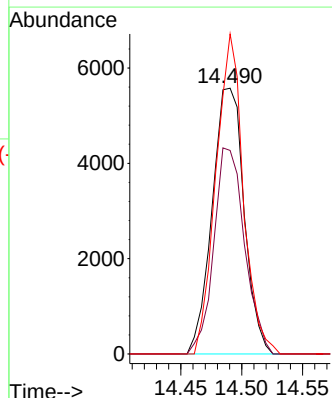
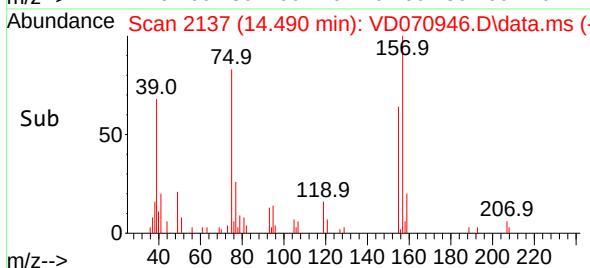
Tgt Ion:146 Resp: 132217  
Ion Ratio Lower Upper  
146 100  
111 44.8 20.8 62.2  
148 64.9 31.7 95.1

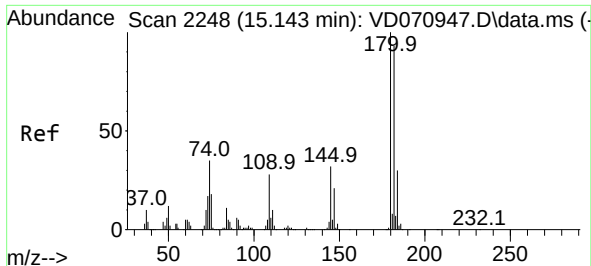


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 16.989 ug/l  
RT: 14.490 min Scan# 2137  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00



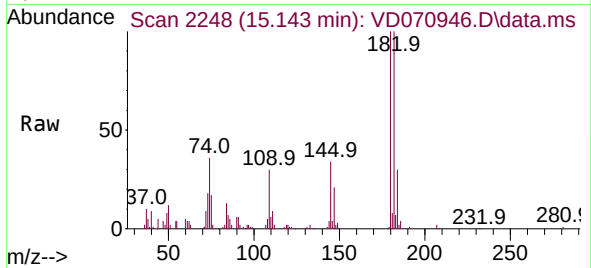
Tgt Ion: 75 Resp: 10178  
Ion Ratio Lower Upper  
75 100  
155 74.6 40.0 120.0  
157 103.0 49.8 149.3



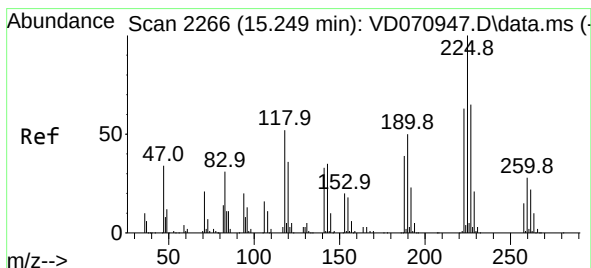
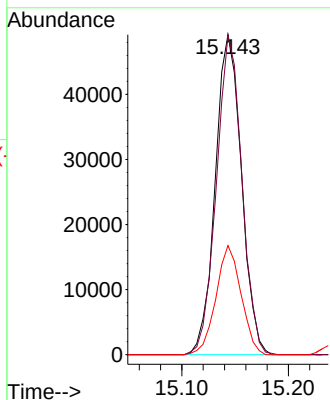
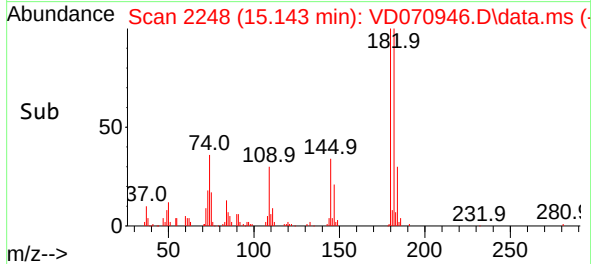


#93  
 1,2,4-Trichlorobenzene  
 Concen: 17.056 ug/l  
 RT: 15.143 min Scan# 2248  
 Delta R.T. -0.000 min  
 Lab File: VD070946.D  
 Acq: 09 Nov 2021 11:00

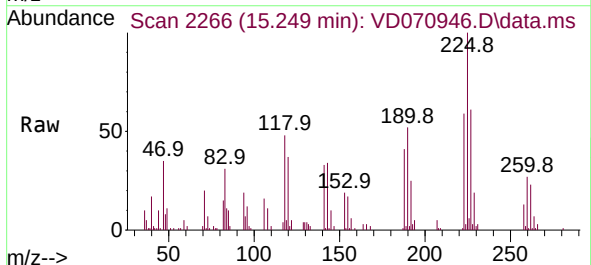
Instrument :  
 MSVOA\_D  
 ClientSampleId :



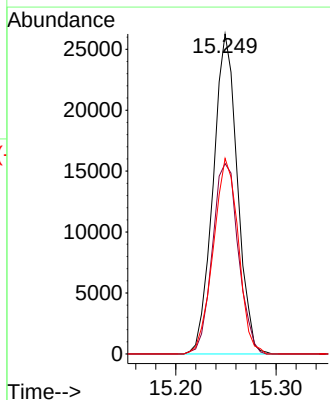
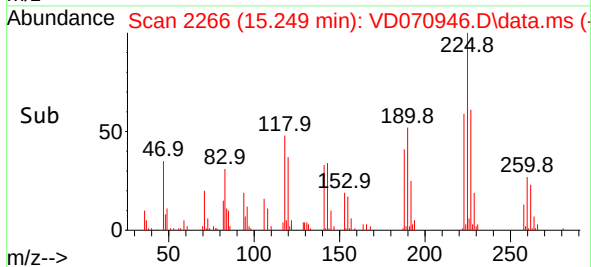
Tgt Ion:180 Resp: 83835  
 Ion Ratio Lower Upper  
 180 100  
 182 97.0 48.2 144.6  
 145 32.7 15.4 46.2

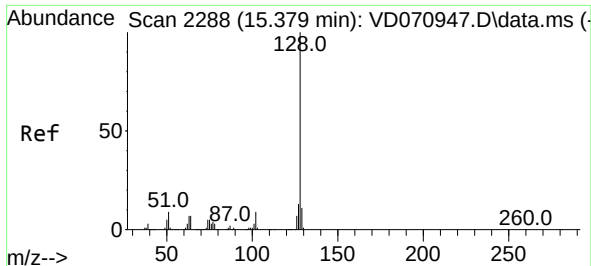


#94  
 Hexachlorobutadiene  
 Concen: 17.758 ug/l  
 RT: 15.249 min Scan# 2266  
 Delta R.T. -0.000 min  
 Lab File: VD070946.D  
 Acq: 09 Nov 2021 11:00



Tgt Ion:225 Resp: 44020  
 Ion Ratio Lower Upper  
 225 100  
 223 63.9 31.8 95.3  
 227 63.1 31.6 94.8

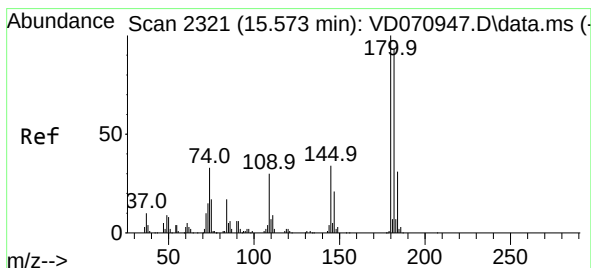
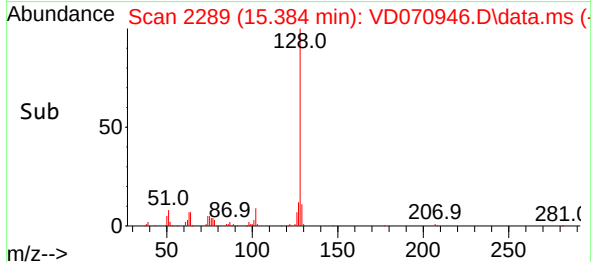
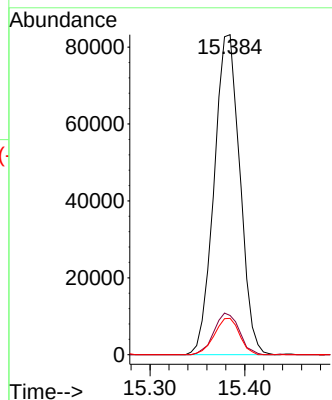
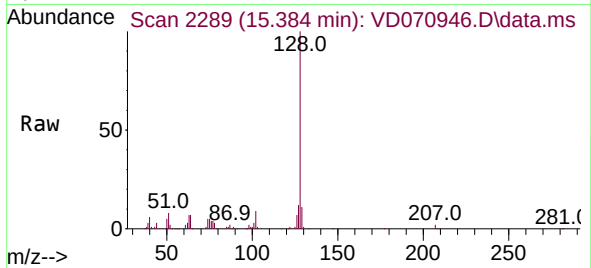




#95  
Naphthalene  
Concen: 16.754 ug/l  
RT: 15.384 min Scan# 2289  
Delta R.T. 0.006 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:128 Resp: 157240  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.7 16.1  
129 11.0 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 17.438 ug/l  
RT: 15.573 min Scan# 2321  
Delta R.T. -0.000 min  
Lab File: VD070946.D  
Acq: 09 Nov 2021 11:00

Tgt Ion:180 Resp: 72068  
Ion Ratio Lower Upper  
180 100  
182 92.4 46.7 140.1  
145 32.5 15.9 47.6

