

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110822\  
 Data File : VD074798.D  
 Acq On : 08 Nov 2022 12:22  
 Operator : VA/SY  
 Sample : VD1108SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 08 14:48:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110222S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 03 02:30:45 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.875  | 168  | 148394   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.775  | 114  | 235575   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.581 | 117  | 201513   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.516 | 152  | 97107    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.228  | 65    | 58830    | 50.055   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 100.100% |      |
| 35) Dibromofluoromethane    | 7.805  | 113   | 73015    | 52.396   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 104.800% |      |
| 50) Toluene-d8              | 10.269 | 98    | 246406   | 48.475   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 96.960%  |      |
| 62) 4-Bromofluorobenzene    | 12.569 | 95    | 75725    | 51.595   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 103.200% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.928 | 85  | 24650  | 20.225  | ug/l   | 92  |
| 3) Chloromethane             | 2.146 | 50  | 40234  | 20.687  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.281 | 62  | 43230  | 20.269  | ug/l   | 100 |
| 5) Bromomethane              | 2.675 | 94  | 37114  | 22.966  | ug/l   | 99  |
| 6) Chloroethane              | 2.828 | 64  | 31516  | 21.319  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 3.169 | 101 | 51575  | 20.814  | ug/l   | 99  |
| 8) Diethyl Ether             | 3.587 | 74  | 14590  | 20.156  | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 3.964 | 101 | 32722  | 20.789  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.158 | 142 | 30686  | 18.917  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.052 | 59  | 10972  | 6.854   | ug/l # | 84  |
| 12) 1,1-Dichloroethene       | 3.934 | 96  | 31217  | 19.527  | ug/l   | 95  |
| 13) Acrolein                 | 3.799 | 56  | 7037   | 86.995  | ug/l   | 92  |
| 14) Allyl chloride           | 4.558 | 41  | 34279  | 20.266  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.252 | 53  | 28283  | 98.877  | ug/l   | 100 |
| 16) Acetone                  | 4.016 | 43  | 25250  | 102.949 | ug/l   | 91  |
| 17) Carbon Disulfide         | 4.264 | 76  | 92660  | 19.221  | ug/l   | 97  |
| 18) Methyl Acetate           | 4.564 | 43  | 15387  | 20.746  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.311 | 73  | 61546  | 20.243  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.799 | 84  | 54316  | 19.116  | ug/l   | 94  |
| 21) trans-1,2-Dichloroethene | 5.311 | 96  | 34800  | 19.806  | ug/l   | 93  |
| 22) Diisopropyl ether        | 6.210 | 45  | 75675  | 21.676  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.158 | 43  | 155370 | 104.674 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.111 | 63  | 56433  | 21.134  | ug/l   | 99  |
| 25) 2-Butanone               | 7.081 | 43  | 34288  | 101.675 | ug/l   | 91  |
| 26) 2,2-Dichloropropane      | 7.075 | 77  | 51724  | 21.052  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 7.075 | 96  | 40506  | 20.899  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.428 | 49  | 18223  | 21.625  | ug/l   | 94  |
| 29) Tetrahydrofuran          | 7.440 | 42  | 18639  | 96.374  | ug/l   | 96  |
| 30) Chloroform               | 7.593 | 83  | 61977  | 21.726  | ug/l   | 96  |
| 31) Cyclohexane              | 7.875 | 56  | 43063  | 18.097  | ug/l   | 94  |
| 32) 1,1,1-Trichloroethane    | 7.793 | 97  | 52668  | 20.900  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.010 | 75  | 45409  | 21.468  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.169 | 43  | 14522  | 20.581  | ug/l   | 96  |
| 38) Carbon Tetrachloride     | 7.993 | 117 | 41666  | 20.792  | ug/l   | 92  |
| 39) Methylcyclohexane        | 9.275 | 83  | 46663  | 18.132  | ug/l   | 96  |
| 40) Benzene                  | 8.252 | 78  | 137726 | 22.029  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110822\  
 Data File : VD074798.D  
 Acq On : 08 Nov 2022 12:22  
 Operator : VA/SY  
 Sample : VD1108SBS01  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 08 14:48:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110222S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 03 02:30:45 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.399  | 41   | 8329     | 22.509  | ug/l # | 92       |
| 42) 1,2-Dichloroethane        | 8.322  | 62   | 31905    | 22.198  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 26942    | 20.521  | ug/l   | 99       |
| 44) Trichloroethene           | 9.028  | 130  | 34467    | 19.350  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.304  | 63   | 29222    | 21.134  | ug/l   | 93       |
| 46) Dibromomethane            | 9.399  | 93   | 16303    | 20.346  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.587  | 83   | 40243    | 20.861  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.375  | 41   | 11291    | 19.299  | ug/l   | 100      |
| 49) 1,4-Dioxane               | 9.387  | 88   | 2906     | 359.616 | ug/l # | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 63408    | 99.590  | ug/l   | 96       |
| 52) Toluene                   | 10.334 | 92   | 79780    | 20.842  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.551 | 75   | 35182    | 20.620  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 43721    | 20.421  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 22784    | 20.930  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.599 | 69   | 23509    | 19.316  | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.881 | 76   | 36738    | 20.948  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 32305    | 119.389 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.922 | 43   | 43409    | 99.114  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.075 | 129  | 27265    | 20.980  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 22084    | 21.527  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.810 | 164  | 28828    | 20.251  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.604 | 112  | 86521    | 21.681  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 29413    | 21.723  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.681 | 91   | 144970   | 20.499  | ug/l   | 94       |
| 68) m/p-Xylenes               | 11.793 | 106  | 117444   | 41.830  | ug/l   | 100      |
| 69) o-Xylene                  | 12.116 | 106  | 54288    | 21.033  | ug/l   | 96       |
| 70) Styrene                   | 12.134 | 104  | 92392    | 21.128  | ug/l   | 98       |
| 71) Bromoform                 | 12.298 | 173  | 14983    | 20.664  | ug/l # | 92       |
| 73) Isopropylbenzene          | 12.422 | 105  | 140987   | 19.872  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.234 | 43   | 22941    | 19.908  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 25412    | 21.316  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.722 | 75   | 29069    | 38.616  | ug/l # | 1        |
| 77) Bromobenzene              | 12.698 | 156  | 33374    | 20.430  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.763 | 91   | 174054   | 20.479  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.851 | 91   | 95644    | 20.899  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 119111   | 20.578  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.463 | 75   | 6789     | 21.408  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.945 | 91   | 98830    | 20.762  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.163 | 119  | 101825   | 19.962  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 118396   | 20.730  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.345 | 105  | 154846   | 20.121  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.457 | 119  | 129410   | 19.967  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 70875    | 20.924  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.534 | 146  | 68514    | 20.576  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.787 | 91   | 117691   | 19.855  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.051 | 117  | 22994    | 20.693  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 13.828 | 146  | 60689    | 21.035  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 3258     | 19.770  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 35762    | 20.076  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.198 | 225  | 18382    | 19.726  | ug/l   | 98       |
| 95) Naphthalene               | 15.328 | 128  | 63857    | 18.663  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.516 | 180  | 31181    | 19.893  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110822\  
Data File : VD074798.D  
Acq On : 08 Nov 2022 12:22  
Operator : VA/SY  
Sample : VD1108SBS01  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

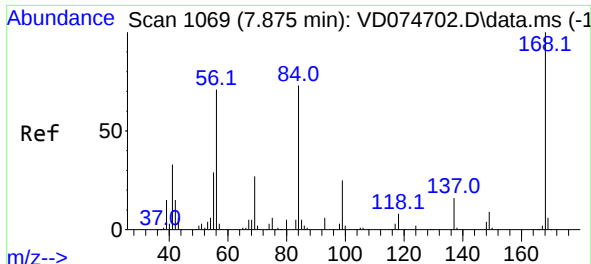
Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Nov 08 14:48:44 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110222S.M  
Quant Title : SW846 8260  
QLast Update : Thu Nov 03 02:30:45 2022  
Response via : Initial Calibration

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

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

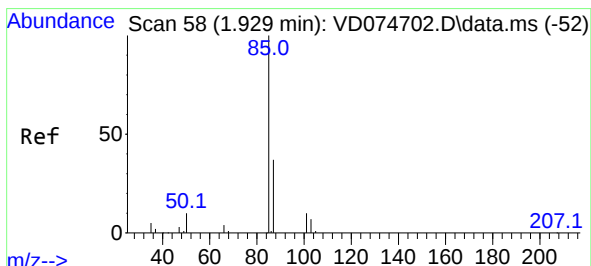
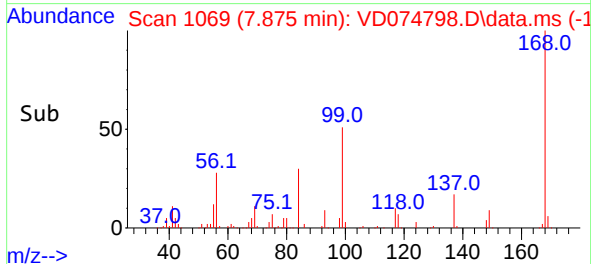
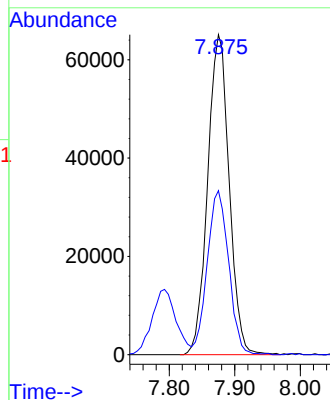
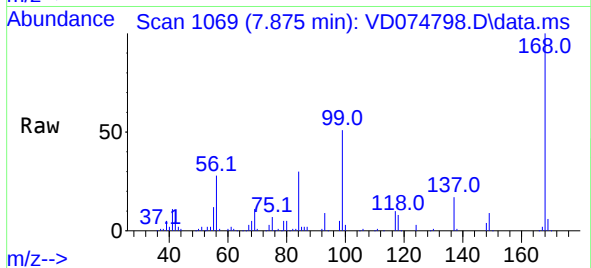




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

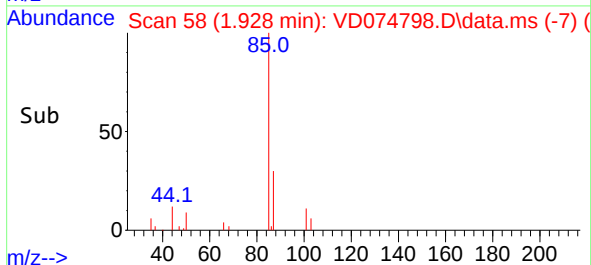
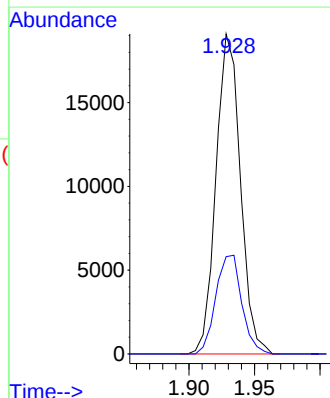
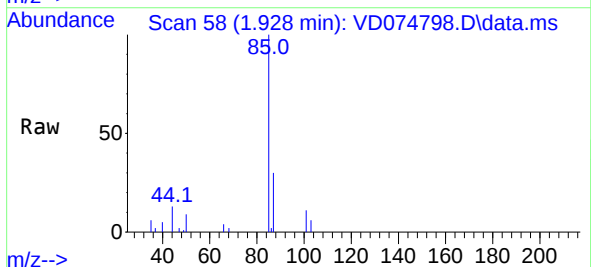
Instrument :  
MSVOA\_D  
ClientSampleId :

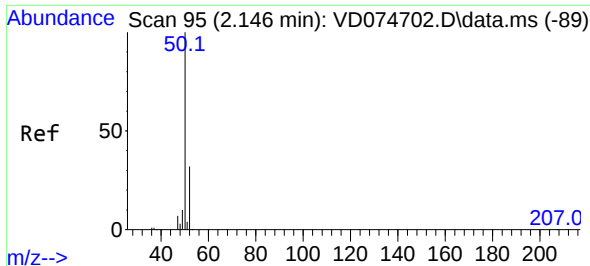
Tgt Ion:168 Resp: 148394  
Ion Ratio Lower Upper  
168 100  
99 51.3 40.9 61.3



#2  
Dichlorodifluoromethane  
Concen: 20.225 ug/l  
RT: 1.928 min Scan# 58  
Delta R.T. -0.001 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

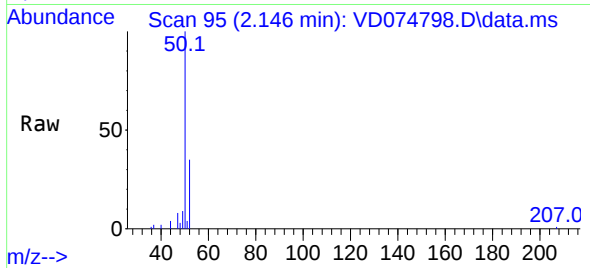
Tgt Ion: 85 Resp: 24650  
Ion Ratio Lower Upper  
85 100  
87 30.4 17.5 52.6



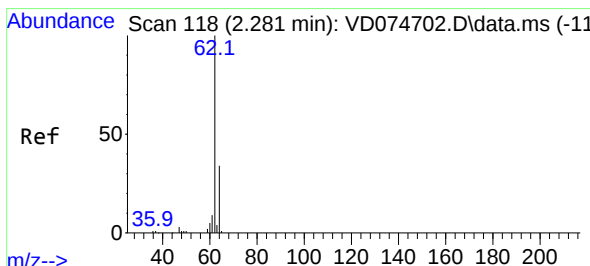
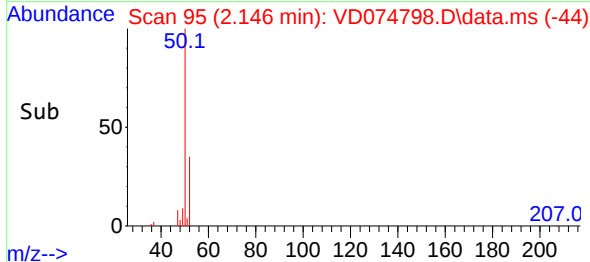
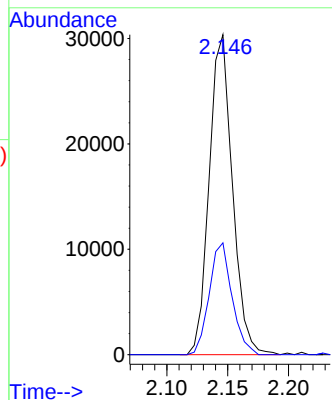


#3  
Chloromethane  
Concen: 20.687 ug/l  
RT: 2.146 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Instrument :  
MSVOA\_D  
ClientSampleId :

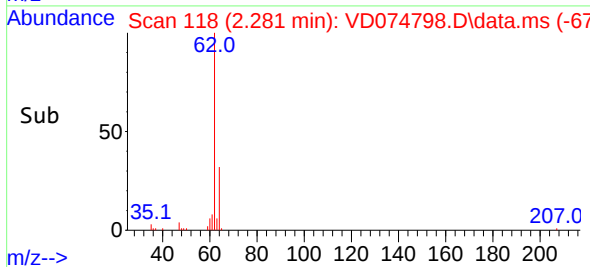
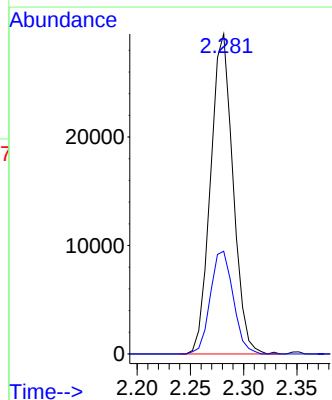
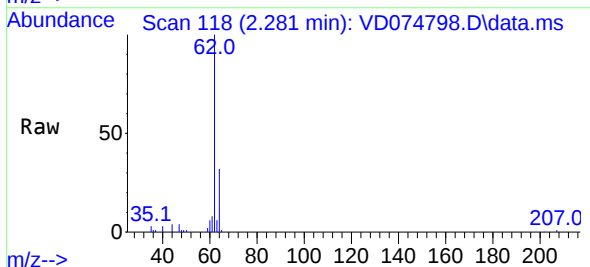


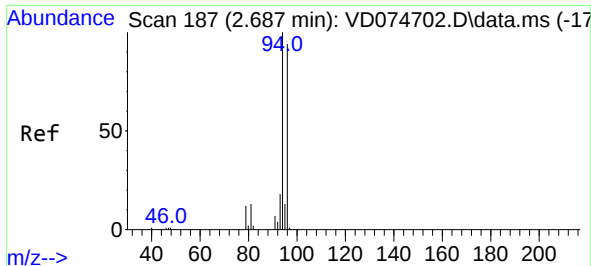
Tgt Ion: 50 Resp: 40234  
Ion Ratio Lower Upper  
50 100  
52 35.0 30.0 45.0



#4  
Vinyl Chloride  
Concen: 20.269 ug/l  
RT: 2.281 min Scan# 118  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

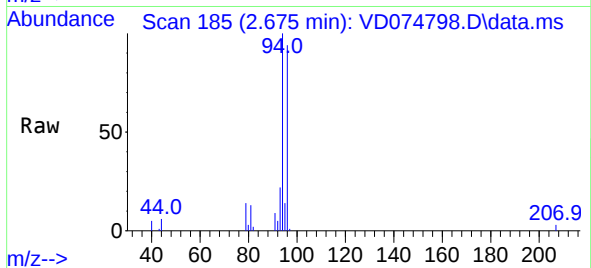
Tgt Ion: 62 Resp: 43230  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.5 38.3



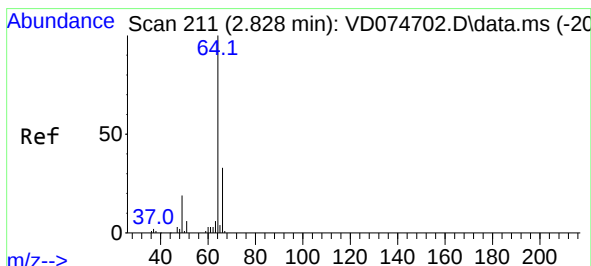
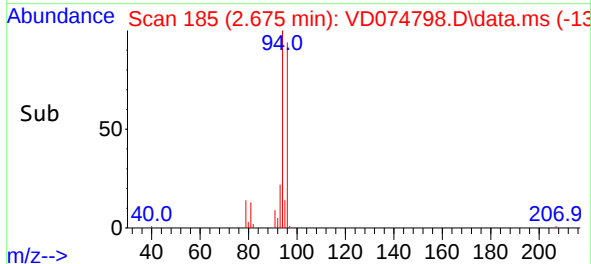
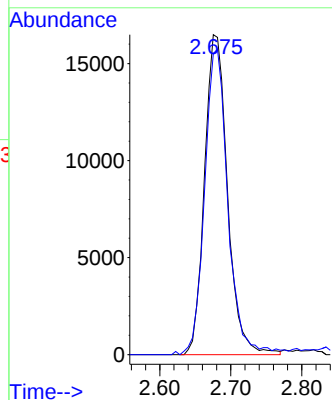


#5  
Bromomethane  
Concen: 22.966 ug/l  
RT: 2.675 min Scan# 185  
Delta R.T. -0.012 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Instrument :  
MSVOA\_D  
ClientSampleId :

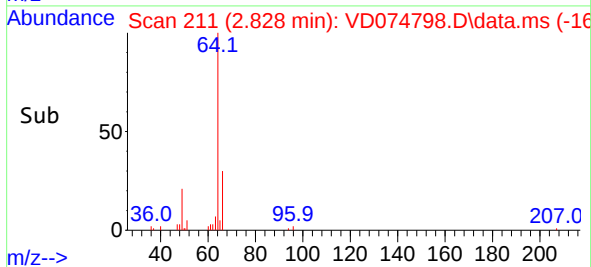
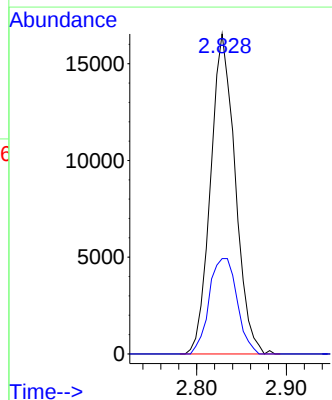
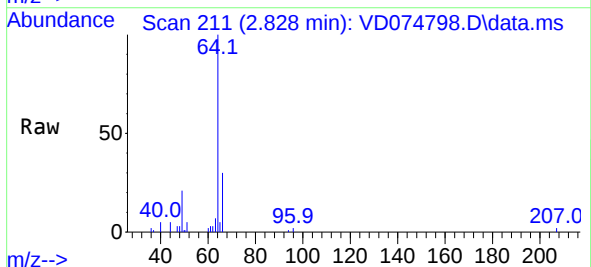


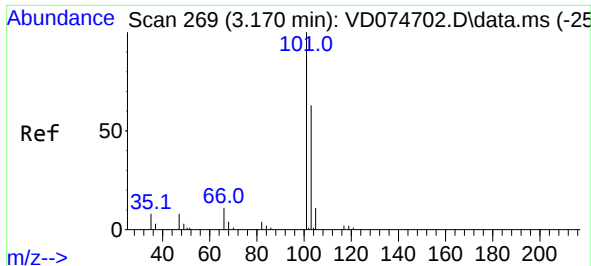
Tgt Ion: 94 Resp: 37114  
Ion Ratio Lower Upper  
94 100  
96 94.1 74.6 112.0



#6  
Chloroethane  
Concen: 21.319 ug/l  
RT: 2.828 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion: 64 Resp: 31516  
Ion Ratio Lower Upper  
64 100  
66 29.8 25.8 38.8

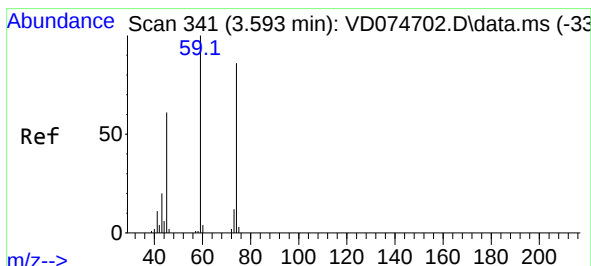
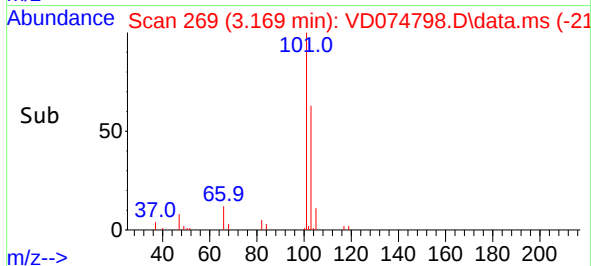
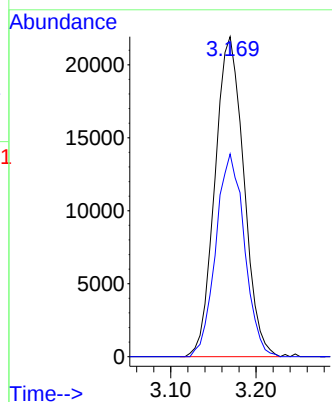
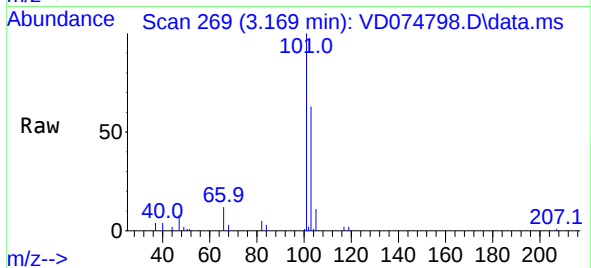




#7  
Trichlorofluoromethane  
Concen: 20.814 ug/l  
RT: 3.169 min Scan# 20  
Delta R.T. -0.001 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

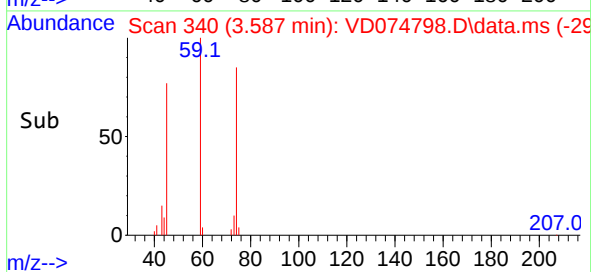
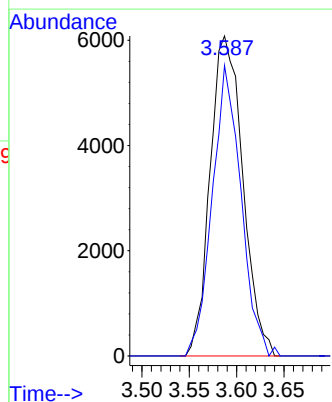
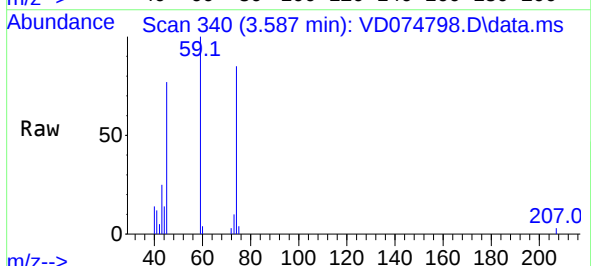
Instrument :  
MSVOA\_D  
ClientSampleId :

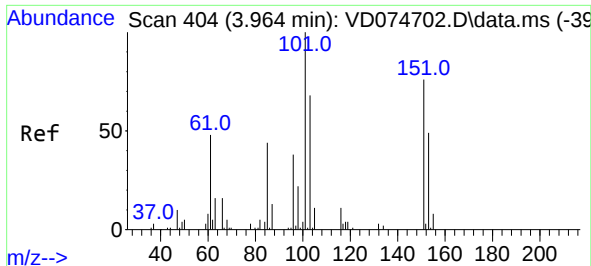
Tgt Ion:101 Resp: 51575  
Ion Ratio Lower Upper  
101 100  
103 63.3 49.8 74.8



#8  
Diethyl Ether  
Concen: 20.156 ug/l  
RT: 3.587 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion: 74 Resp: 14590  
Ion Ratio Lower Upper  
74 100  
45 79.9 37.9 113.6

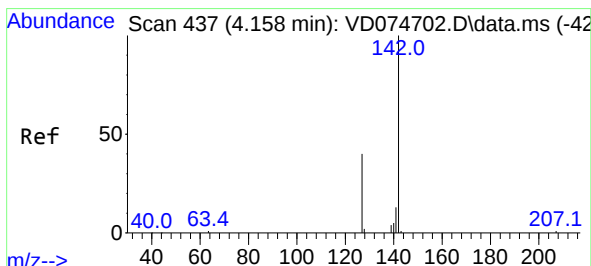
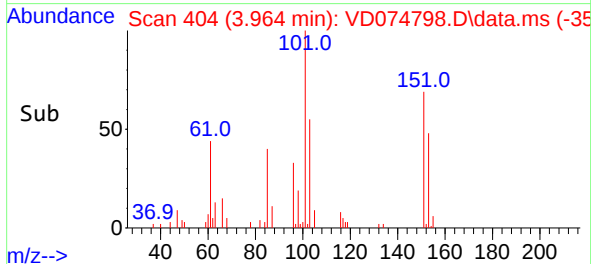
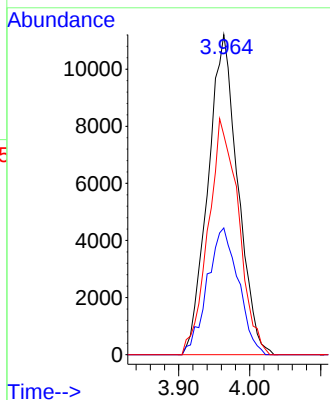
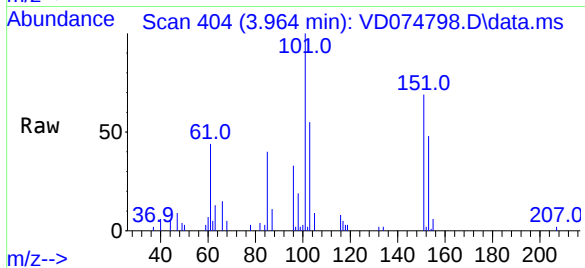




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.789 ug/l  
RT: 3.964 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

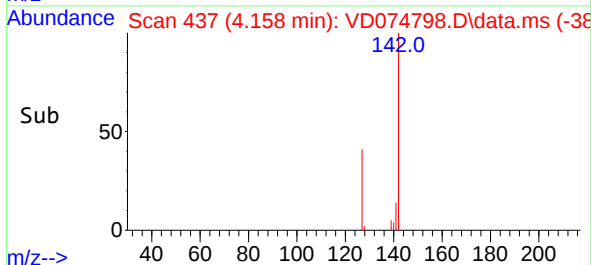
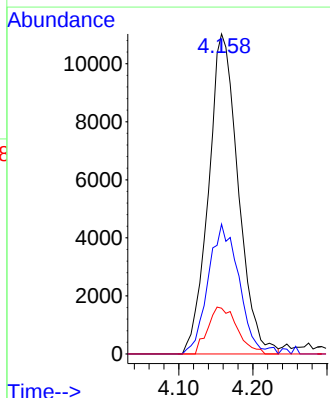
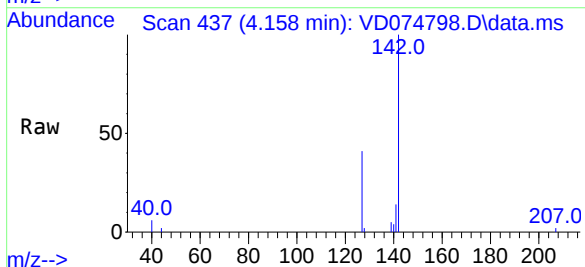
Instrument :  
MSVOA\_D  
ClientSampleId :

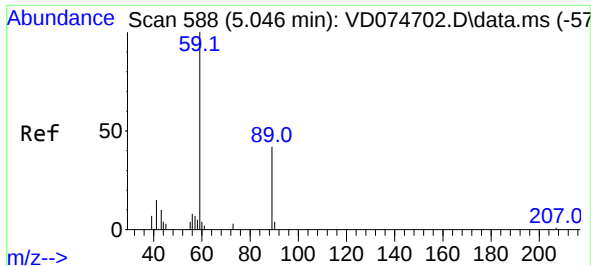
Tgt Ion:101 Resp: 32722  
Ion Ratio Lower Upper  
101 100  
85 41.3 34.1 51.1  
151 74.9 61.7 92.5



#10  
Methyl Iodide  
Concen: 18.917 ug/l  
RT: 4.158 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion:142 Resp: 30686  
Ion Ratio Lower Upper  
142 100  
127 42.2 31.9 47.9  
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 6.854 ug/l

RT: 5.052 min Scan# 51

Delta R.T. 0.006 min

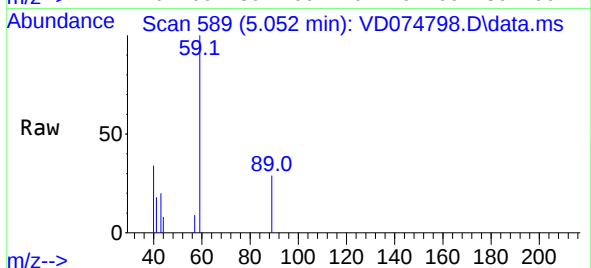
Lab File: VD074798.D

Acq: 08 Nov 2022 12:22

Instrument :

MSVOA\_D

ClientSampleId :

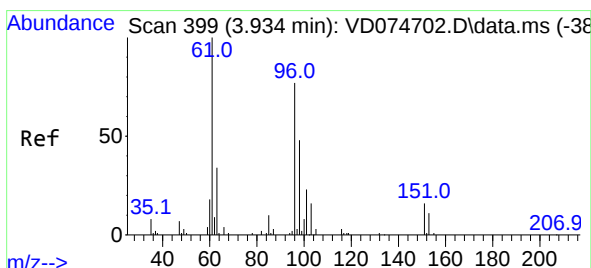
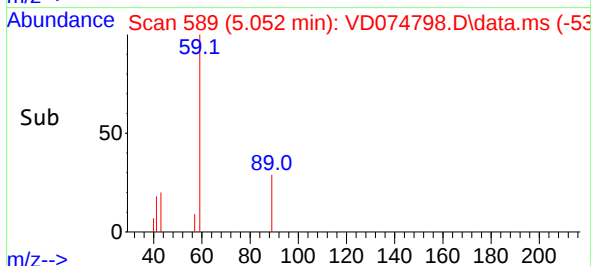
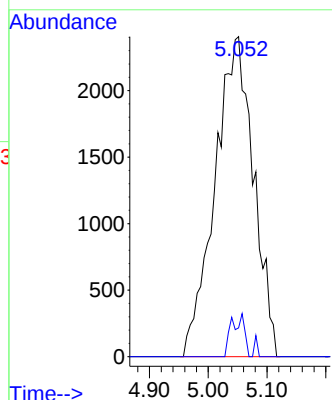


Tgt Ion: 59 Resp: 10972

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#12

1,1-Dichloroethene

Concen: 19.527 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD074798.D

Acq: 08 Nov 2022 12:22

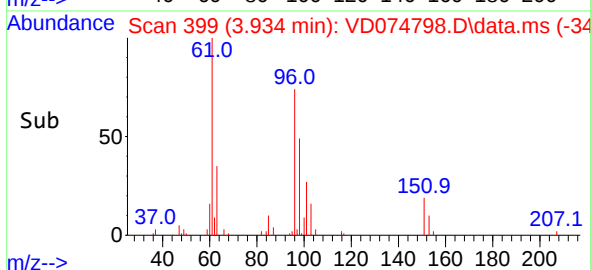
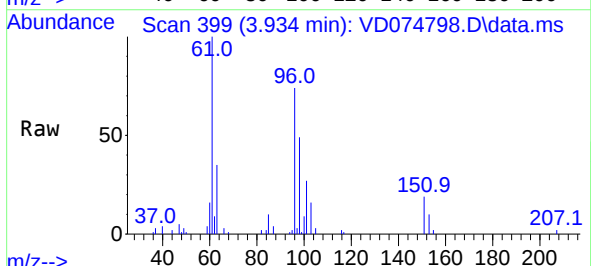
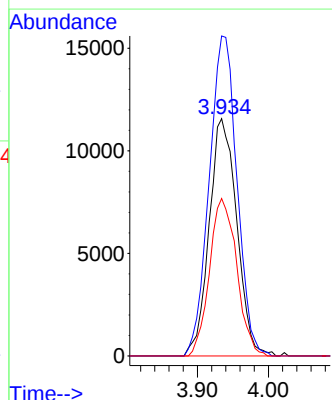
Tgt Ion: 96 Resp: 31217

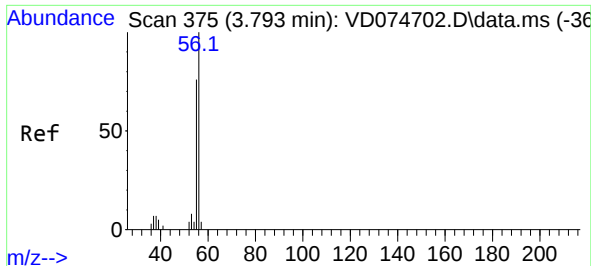
Ion Ratio Lower Upper

96 100

61 134.9 113.9 170.9

98 66.4 51.8 77.8





#13

Acrolein

Concen: 86.995 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

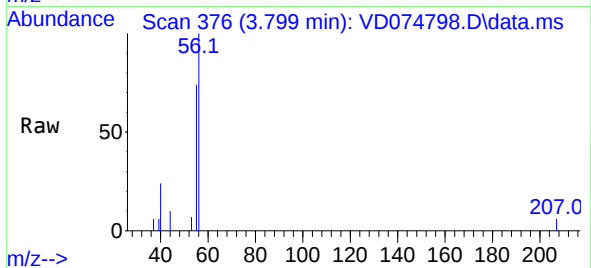
Lab File: VD074798.D

Acq: 08 Nov 2022 12:22

Instrument :

MSVOA\_D

ClientSampleId :

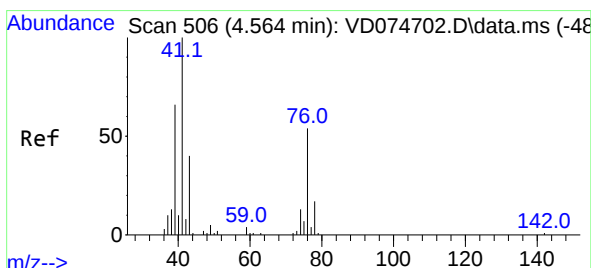
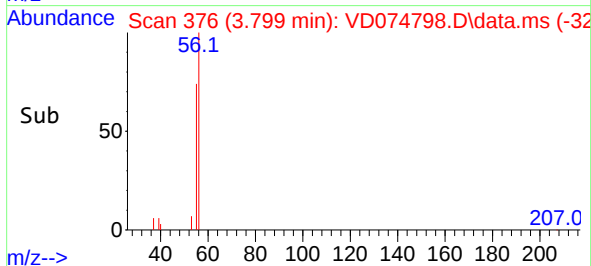
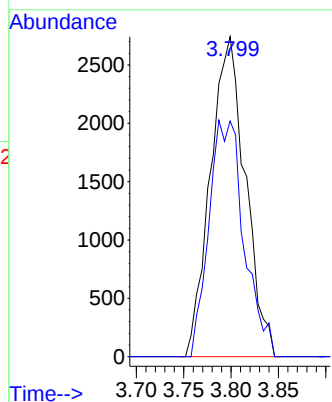


Tgt Ion: 56 Resp: 7037

Ion Ratio Lower Upper

56 100

55 74.2 54.0 81.0



#14

Allyl chloride

Concen: 20.266 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD074798.D

Acq: 08 Nov 2022 12:22

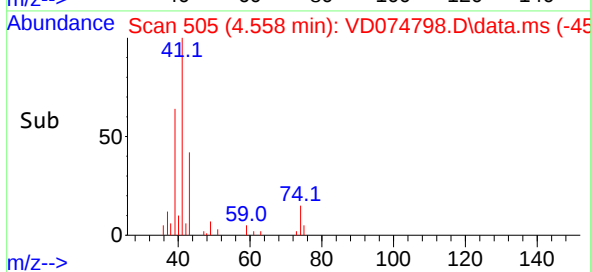
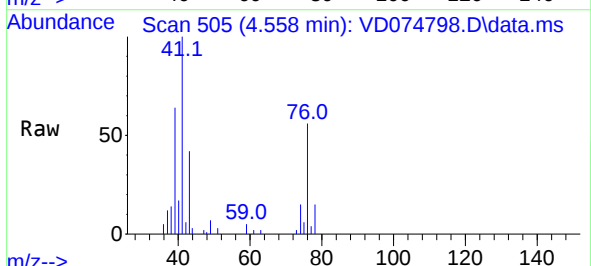
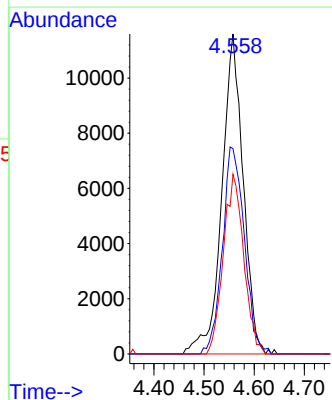
Tgt Ion: 41 Resp: 34279

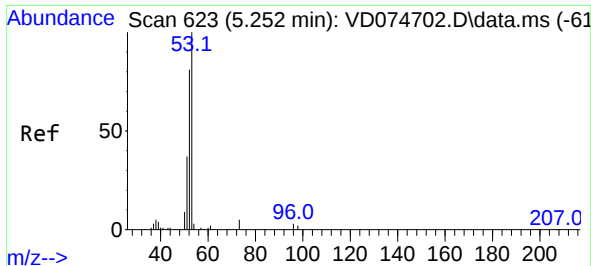
Ion Ratio Lower Upper

41 100

39 66.3 53.4 80.2

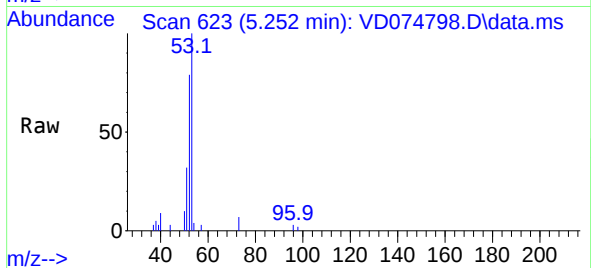
76 53.6 42.4 63.6



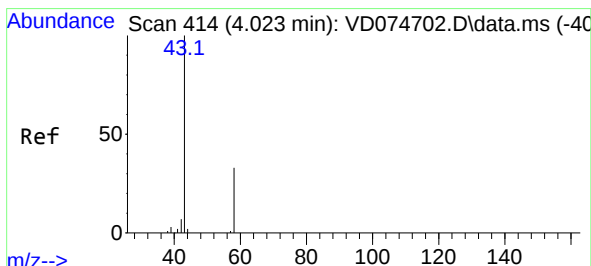
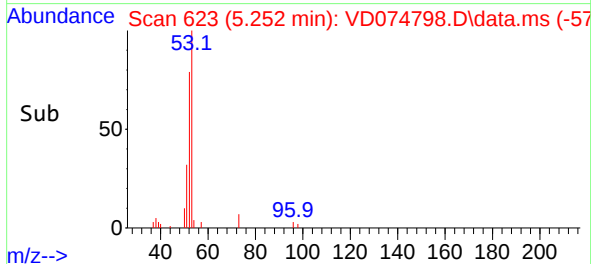
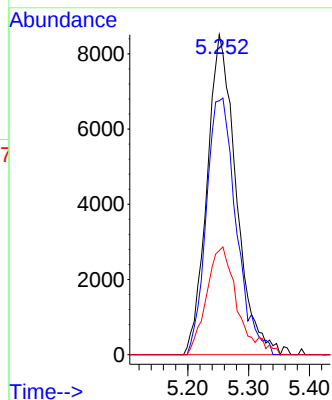


#15  
Acrylonitrile  
Concen: 98.877 ug/l  
RT: 5.252 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Instrument :  
MSVOA\_D  
ClientSampleId :

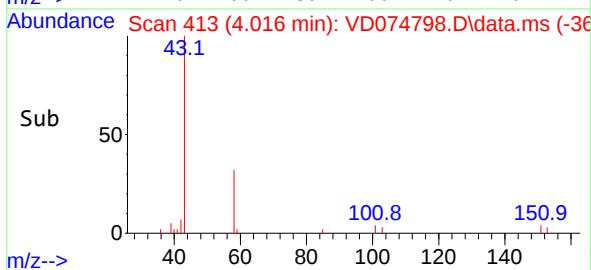
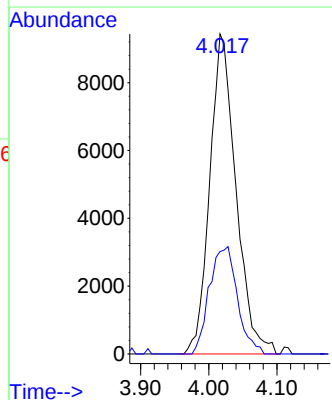
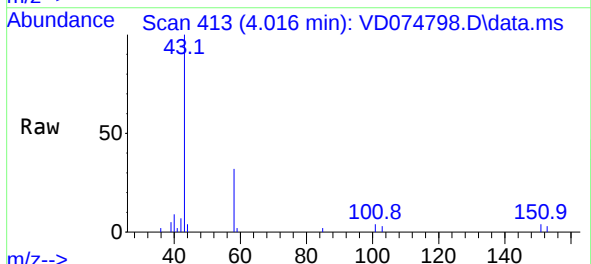


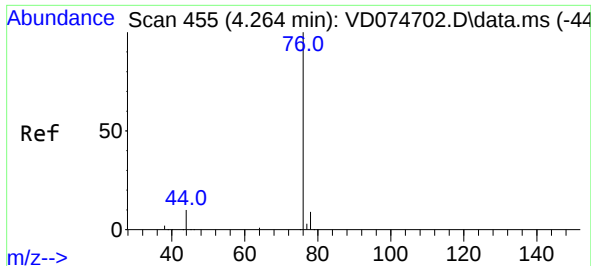
Tgt Ion: 53 Resp: 28283  
Ion Ratio Lower Upper  
53 100  
52 82.2 66.0 99.0  
51 35.7 28.3 42.5



#16  
Acetone  
Concen: 102.949 ug/l  
RT: 4.016 min Scan# 413  
Delta R.T. -0.006 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion: 43 Resp: 25250  
Ion Ratio Lower Upper  
43 100  
58 32.0 30.2 45.2

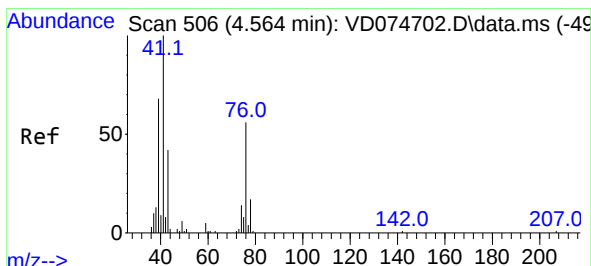
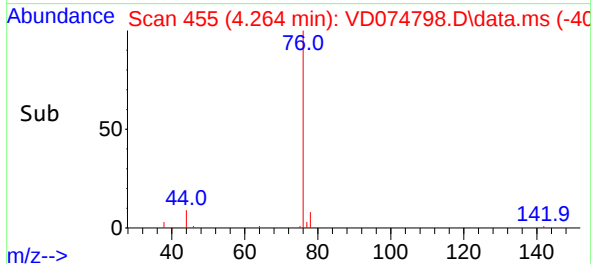
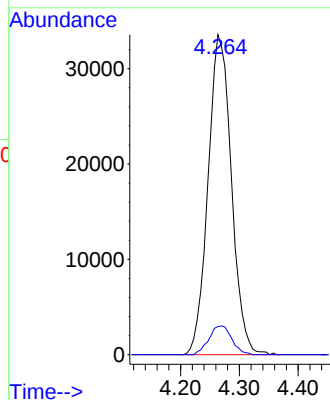
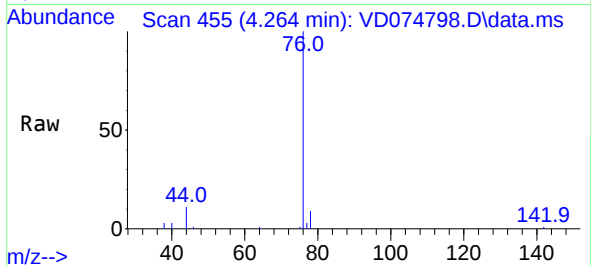




#17  
Carbon Disulfide  
Concen: 19.221 ug/l  
RT: 4.264 min Scan# 455  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

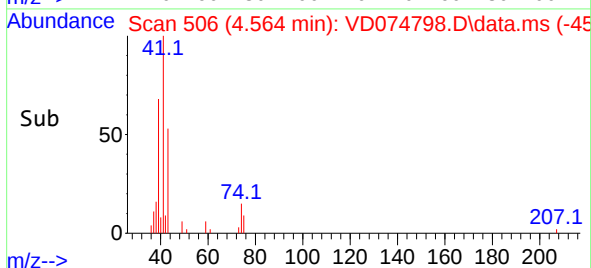
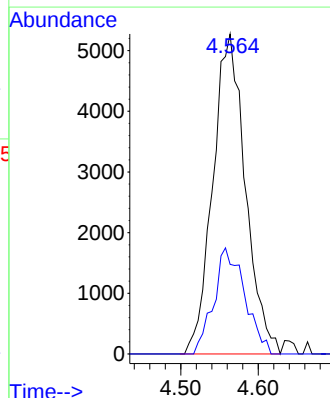
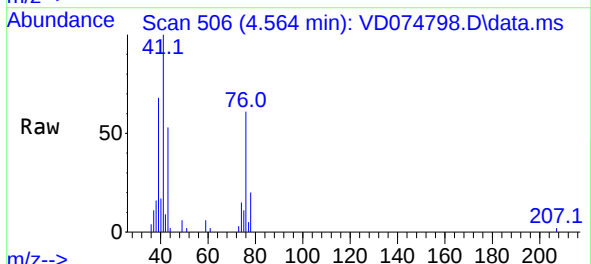
Instrument :  
MSVOA\_D  
ClientSampleId :

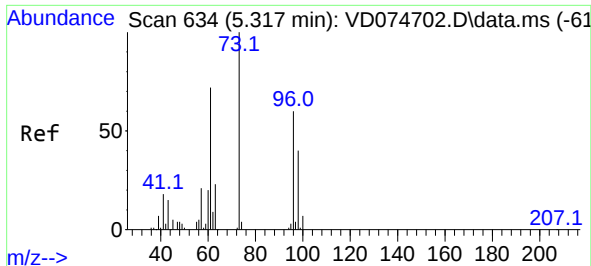
Tgt Ion: 76 Resp: 92660  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.8 11.8



#18  
Methyl Acetate  
Concen: 20.746 ug/l  
RT: 4.564 min Scan# 506  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion: 43 Resp: 15387  
Ion Ratio Lower Upper  
43 100  
74 31.6 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 20.243 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD074798.D

Acq: 08 Nov 2022 12:22

Instrument :

MSVOA\_D

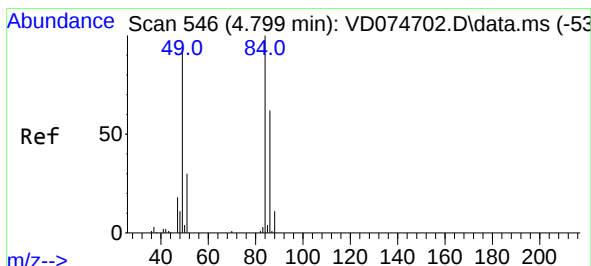
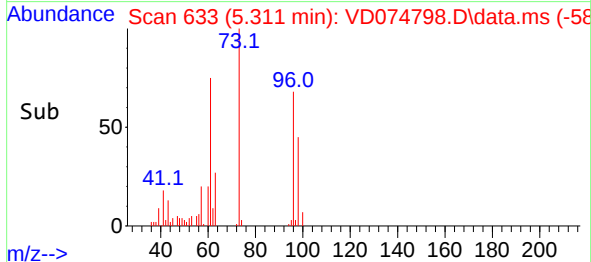
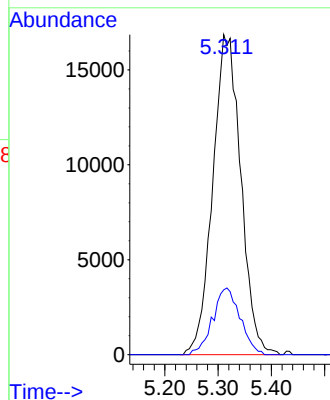
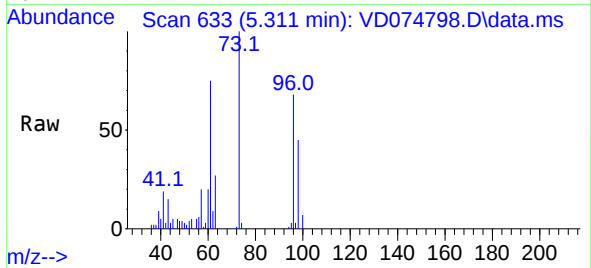
ClientSampleId :

Tgt Ion: 73 Resp: 61546

Ion Ratio Lower Upper

73 100

57 20.2 16.1 24.1



#20

Methylene Chloride

Concen: 19.116 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074798.D

Acq: 08 Nov 2022 12:22

Tgt Ion: 84 Resp: 54316

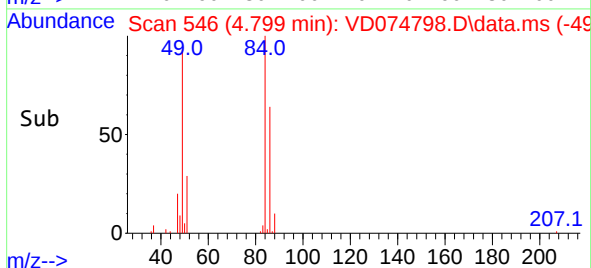
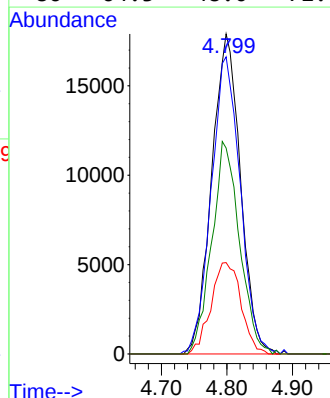
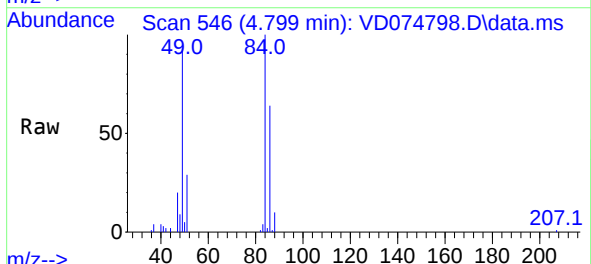
Ion Ratio Lower Upper

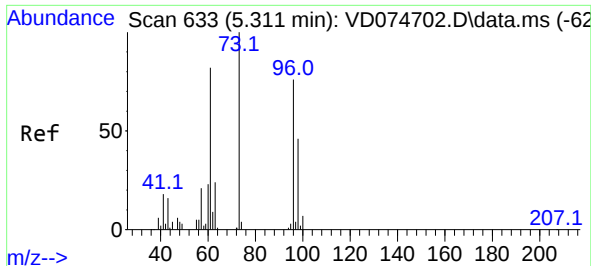
84 100

49 92.9 68.0 102.0

51 28.5 23.2 34.8

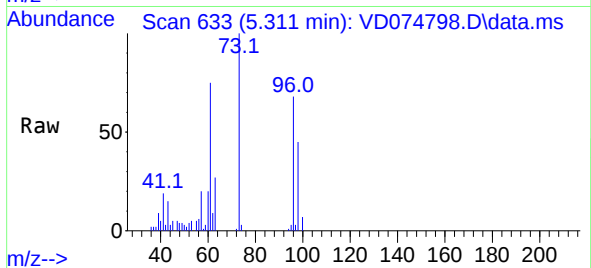
86 64.3 48.0 72.0



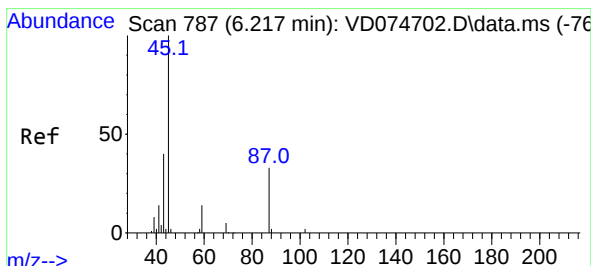
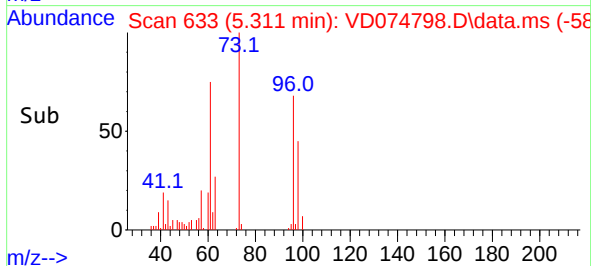
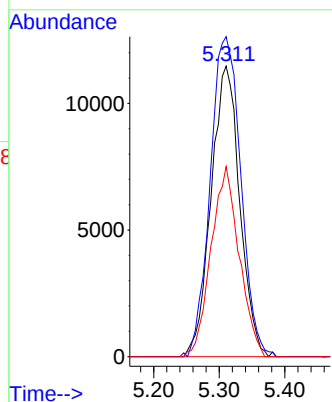


#21  
trans-1,2-Dichloroethene  
Concen: 19.806 ug/l  
RT: 5.311 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Instrument :  
MSVOA\_D  
ClientSampleId :

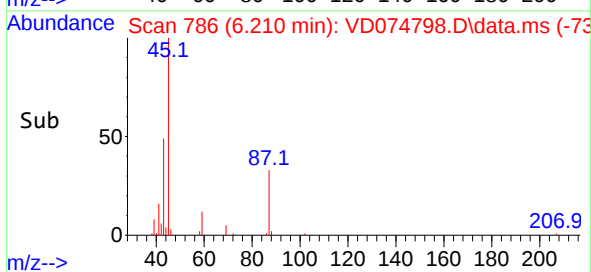
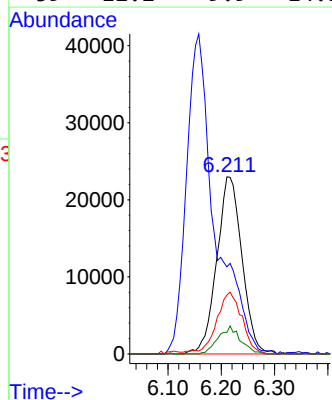
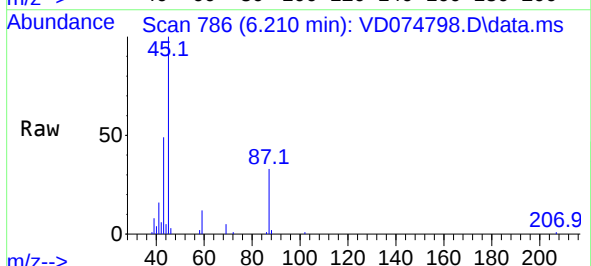


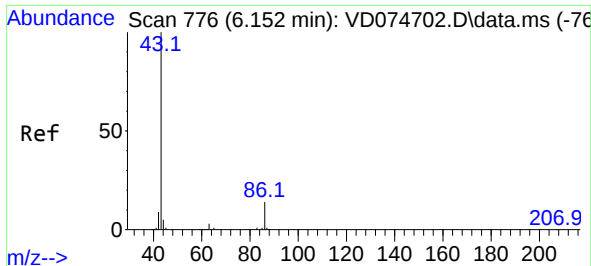
Tgt Ion: 96 Resp: 34800  
Ion Ratio Lower Upper  
96 100  
61 110.1 95.7 143.5  
98 65.4 54.8 82.2



#22  
Diisopropyl ether  
Concen: 21.676 ug/l  
RT: 6.210 min Scan# 786  
Delta R.T. -0.006 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

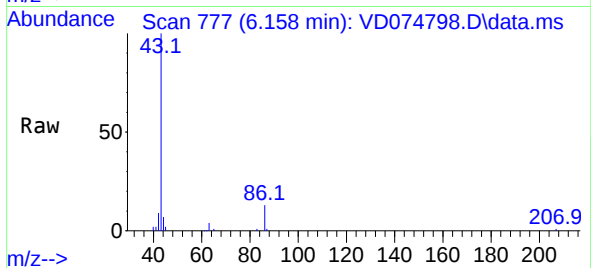
Tgt Ion: 45 Resp: 75675  
Ion Ratio Lower Upper  
45 100  
43 48.0 37.8 56.6  
87 33.2 26.6 40.0  
59 12.2 9.9 14.9



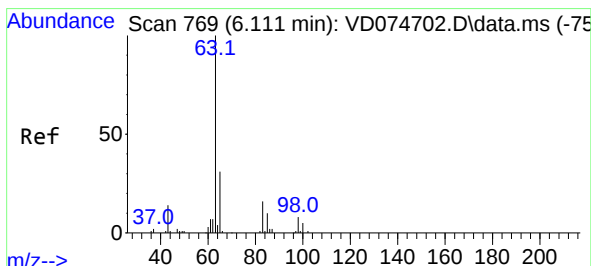
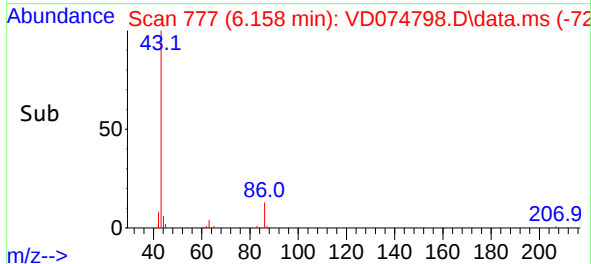
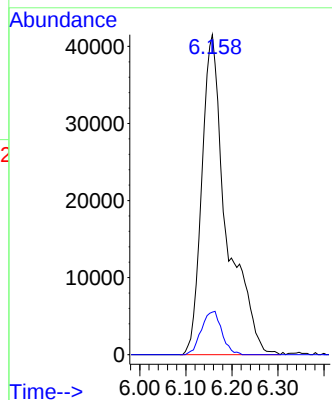


#23  
 Vinyl Acetate  
 Concen: 104.674 ug/l  
 RT: 6.158 min Scan# 71  
 Delta R.T. 0.006 min  
 Lab File: VD074798.D  
 Acq: 08 Nov 2022 12:22

Instrument :  
 MSVOA\_D  
 ClientSampleId :

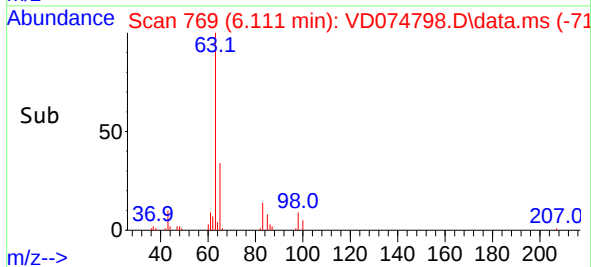
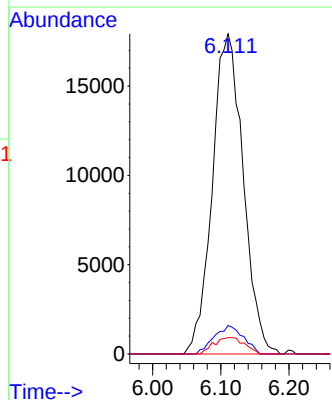
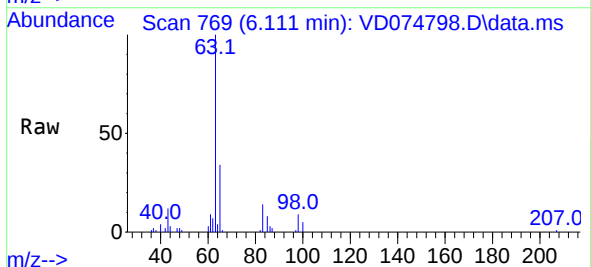


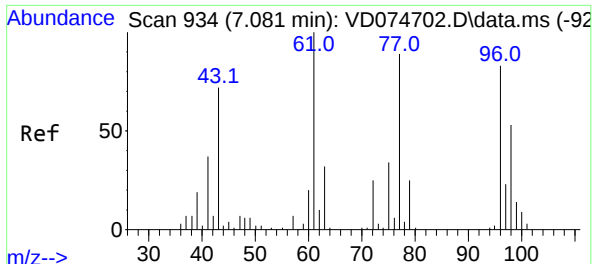
Tgt Ion: 43 Resp: 155370  
 Ion Ratio Lower Upper  
 43 100  
 86 13.3 11.2 16.8



#24  
 1,1-Dichloroethane  
 Concen: 21.134 ug/l  
 RT: 6.111 min Scan# 769  
 Delta R.T. -0.000 min  
 Lab File: VD074798.D  
 Acq: 08 Nov 2022 12:22

Tgt Ion: 63 Resp: 56433  
 Ion Ratio Lower Upper  
 63 100  
 98 8.9 4.6 13.8  
 100 5.1 2.9 8.6

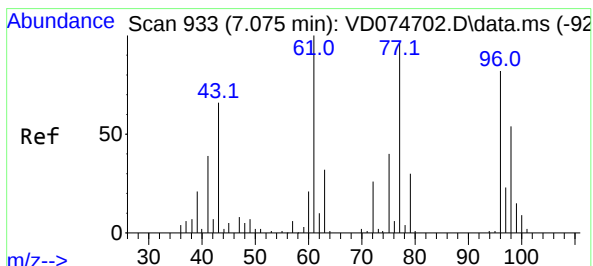
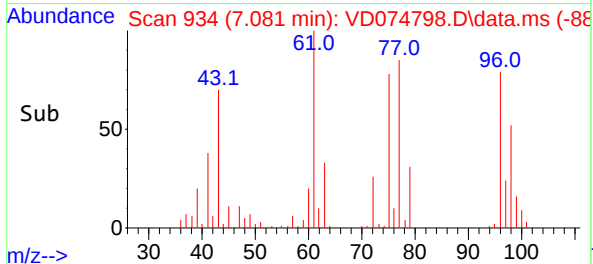
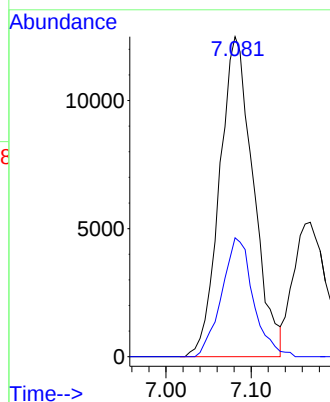
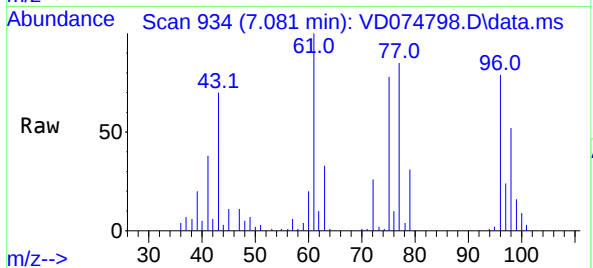




#25  
2-Butanone  
Concen: 101.675 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

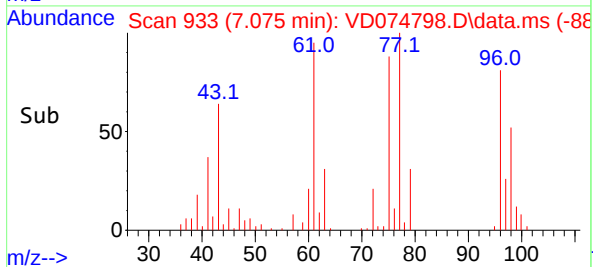
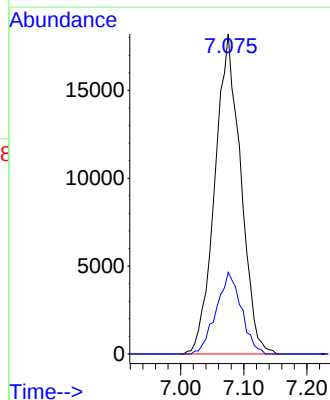
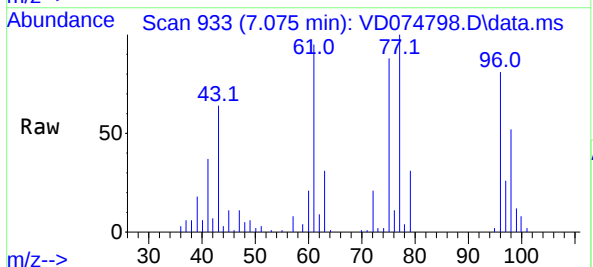
Instrument :  
MSVOA\_D  
ClientSampleId :

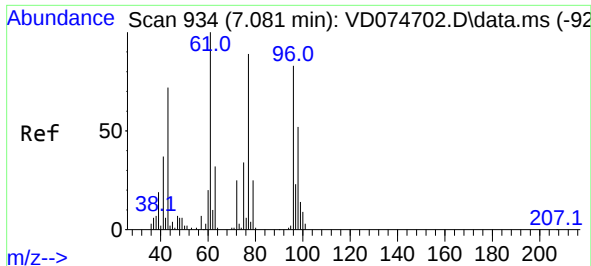
Tgt Ion: 43 Resp: 34288  
Ion Ratio Lower Upper  
43 100  
72 37.2 25.8 38.8



#26  
2,2-Dichloropropane  
Concen: 21.052 ug/l  
RT: 7.075 min Scan# 933  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

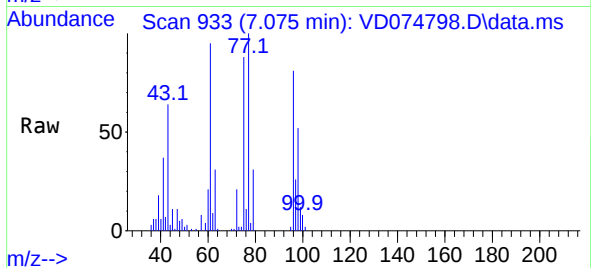
Tgt Ion: 77 Resp: 51724  
Ion Ratio Lower Upper  
77 100  
97 24.8 12.5 37.5





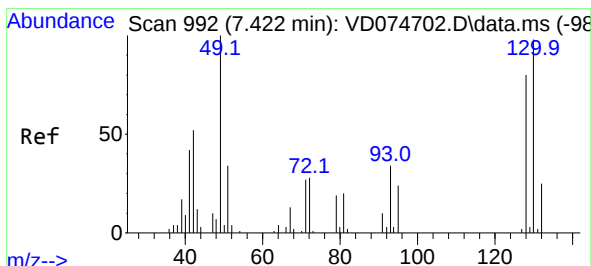
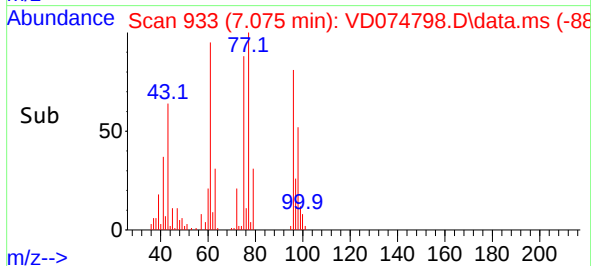
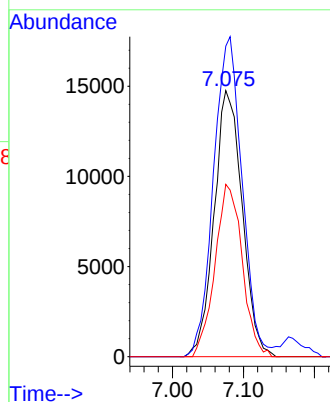
#27  
 cis-1,2-Dichloroethene  
 Concen: 20.899 ug/l  
 RT: 7.075 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: VD074798.D  
 Acq: 08 Nov 2022 12:22

Instrument :  
 MSVOA\_D  
 ClientSampleId :



Tgt Ion: 96 Resp: 40506  

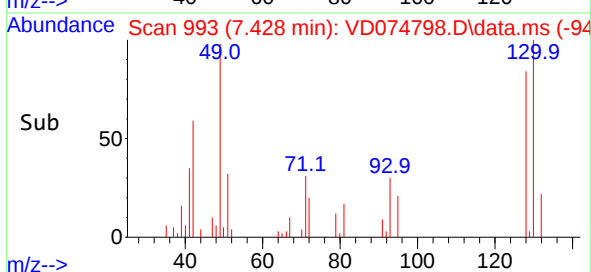
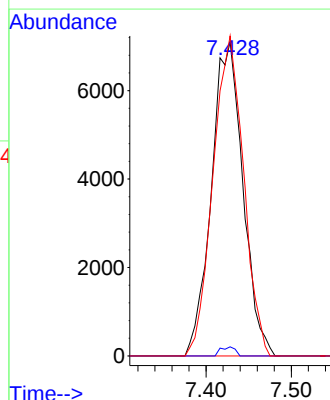
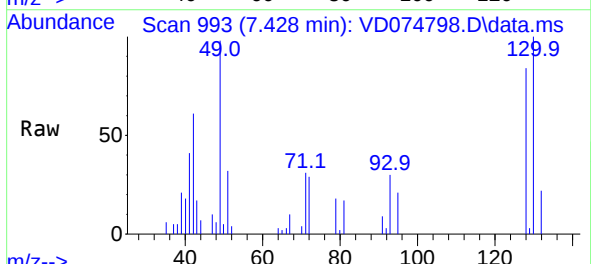
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 122.4 | 0.0   | 242.4 |
| 98  | 62.8  | 0.0   | 130.0 |

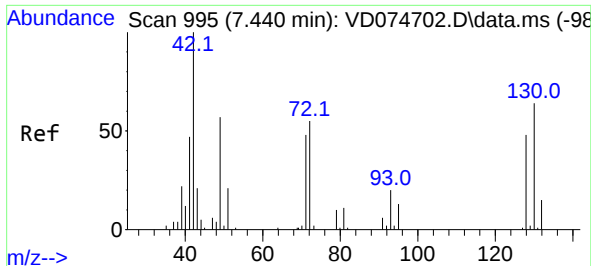


#28  
 Bromochloromethane  
 Concen: 21.625 ug/l  
 RT: 7.428 min Scan# 993  
 Delta R.T. 0.006 min  
 Lab File: VD074798.D  
 Acq: 08 Nov 2022 12:22

Tgt Ion: 49 Resp: 18223  

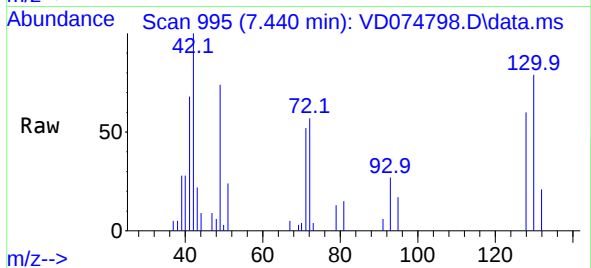
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.3   | 0.0   | 5.0   |
| 130 | 98.8  | 84.1  | 126.1 |



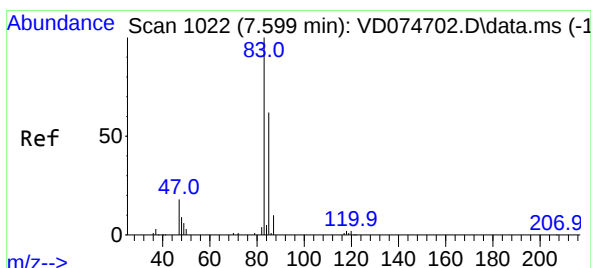
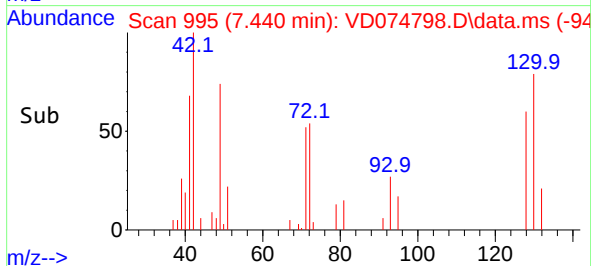
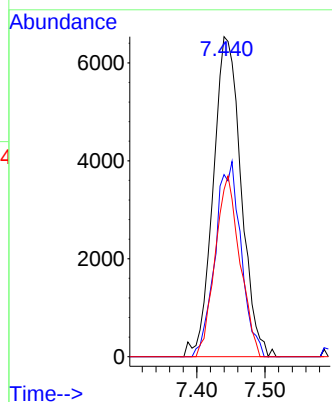


#29  
Tetrahydrofuran  
Concen: 96.374 ug/l  
RT: 7.440 min Scan# 995  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Instrument :  
MSVOA\_D  
ClientSampleId :

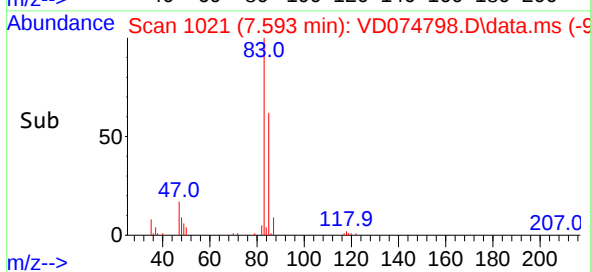
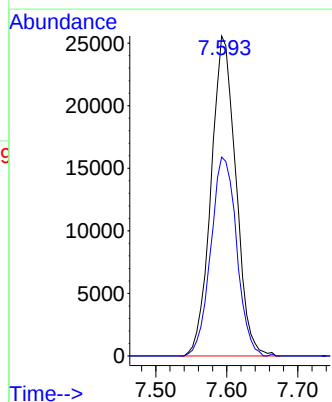
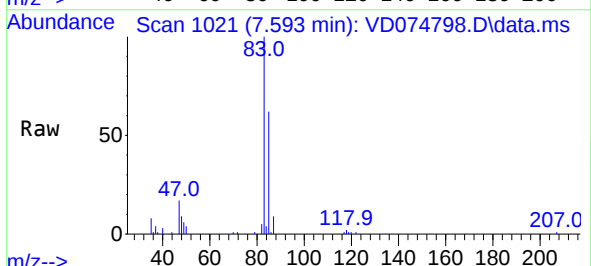


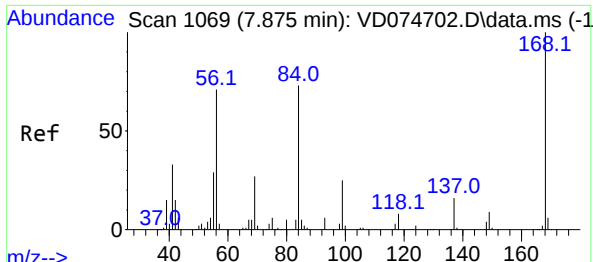
Tgt Ion: 42 Resp: 18639  
Ion Ratio Lower Upper  
42 100  
72 56.4 45.8 68.6  
71 50.0 44.6 66.8



#30  
Chloroform  
Concen: 21.726 ug/l  
RT: 7.593 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

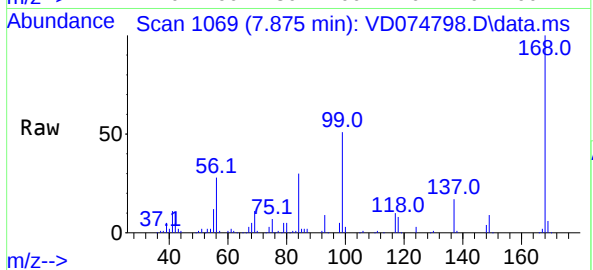
Tgt Ion: 83 Resp: 61977  
Ion Ratio Lower Upper  
83 100  
85 62.1 52.0 78.0



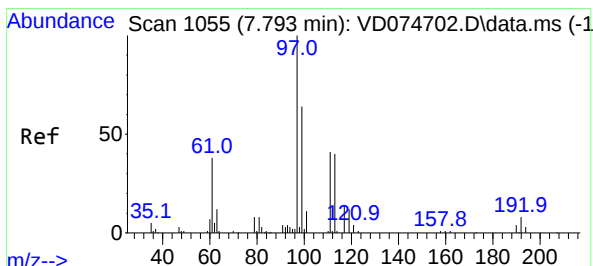
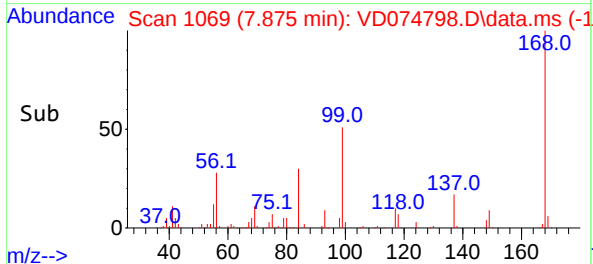
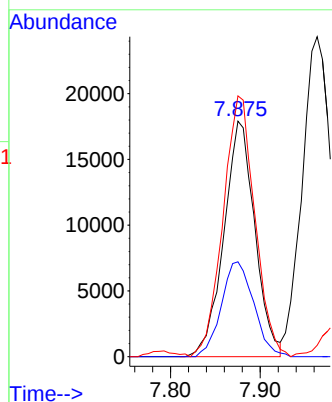


#31  
Cyclohexane  
Concen: 18.097 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Instrument :  
MSVOA\_D  
ClientSampleId :

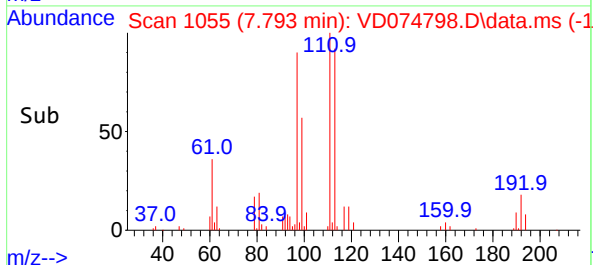
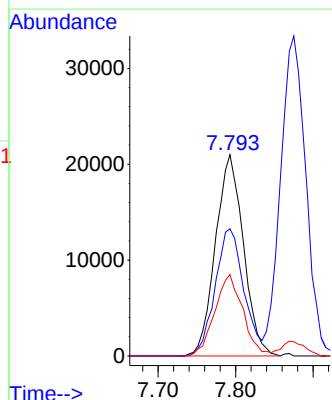
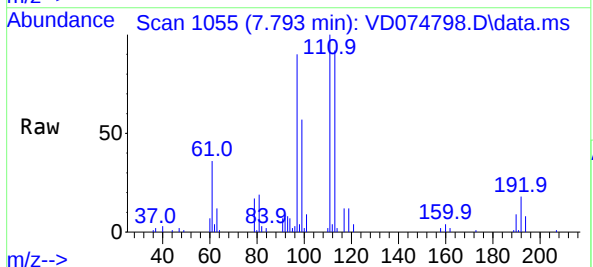


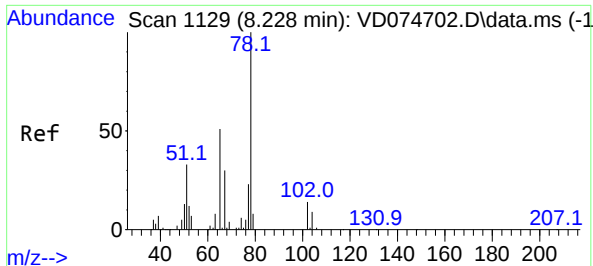
Tgt Ion: 56 Resp: 43063  
Ion Ratio Lower Upper  
56 100  
69 40.3 29.2 43.8  
84 109.8 83.4 125.2



#32  
1,1,1-Trichloroethane  
Concen: 20.900 ug/l  
RT: 7.793 min Scan# 1055  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion: 97 Resp: 52668  
Ion Ratio Lower Upper  
97 100  
99 65.1 53.3 79.9  
61 40.7 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 50.055 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074798.D

Acq: 08 Nov 2022 12:22

Instrument :

MSVOA\_D

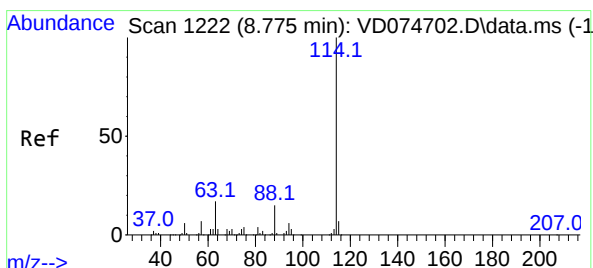
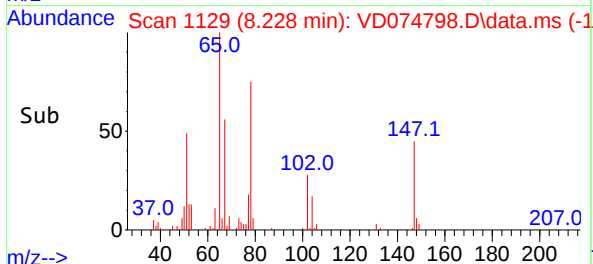
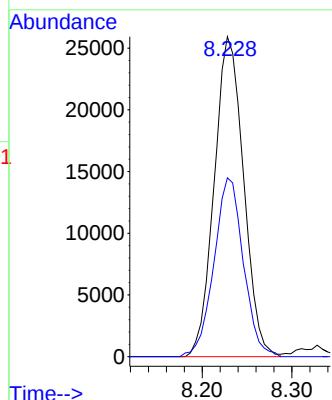
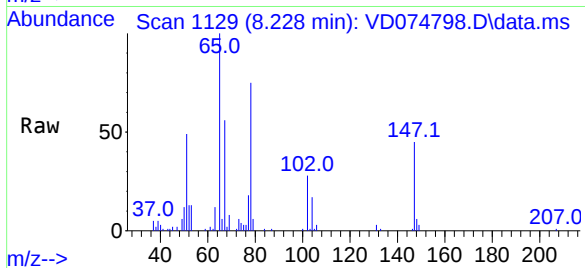
ClientSampleId :

Tgt Ion: 65 Resp: 58830

Ion Ratio Lower Upper

65 100

67 56.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074798.D

Acq: 08 Nov 2022 12:22

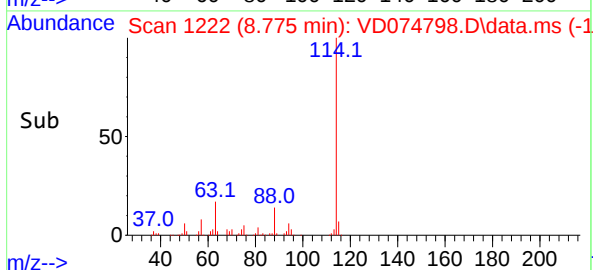
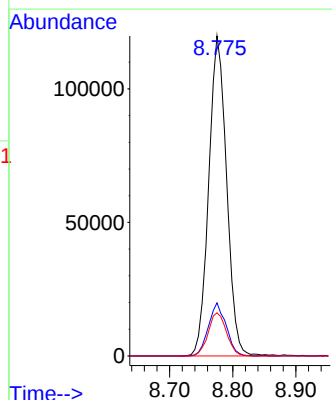
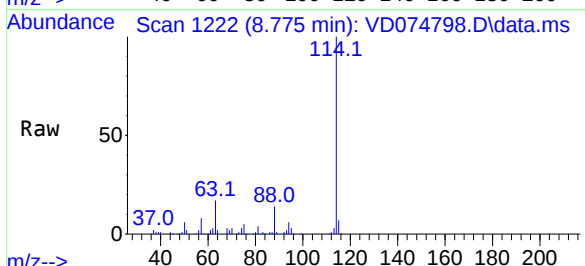
Tgt Ion: 114 Resp: 235575

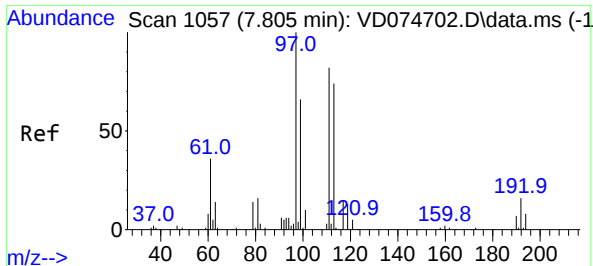
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.2

88 13.5 0.0 28.2





#35

Dibromofluoromethane

Concen: 52.396 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

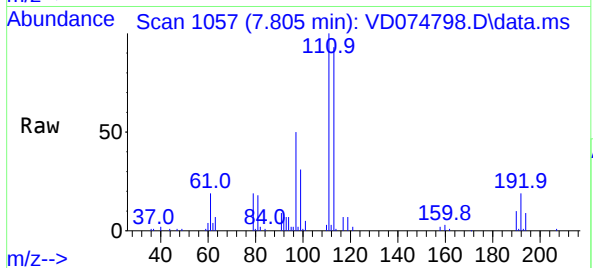
Lab File: VD074798.D

Acq: 08 Nov 2022 12:22

Instrument :

MSVOA\_D

ClientSampleId :



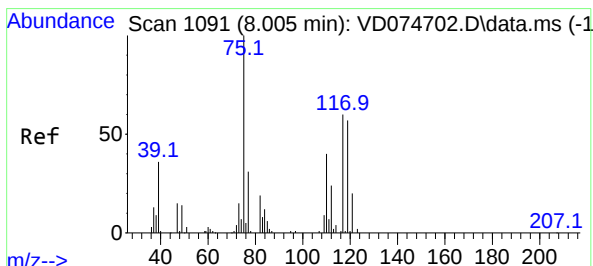
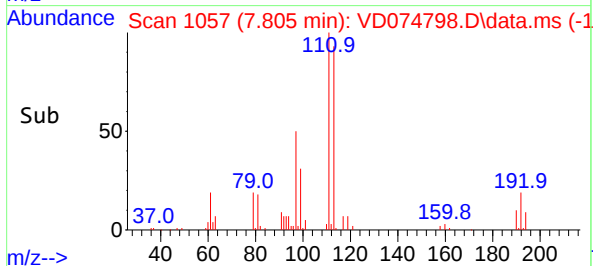
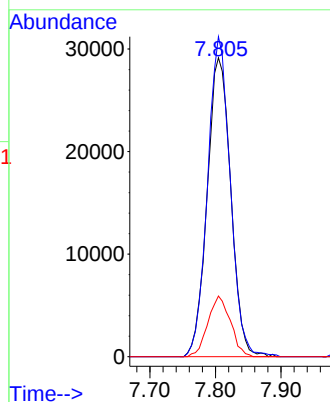
Tgt Ion:113 Resp: 73015

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

192 19.3 16.4 24.6



#36

1,1-Dichloropropene

Concen: 21.468 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.005 min

Lab File: VD074798.D

Acq: 08 Nov 2022 12:22

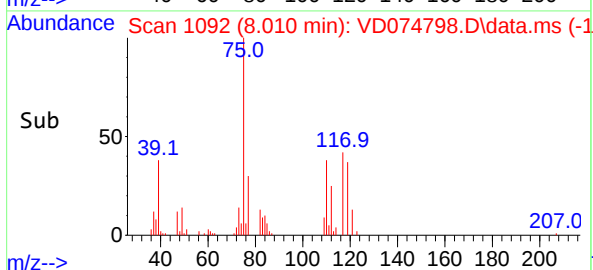
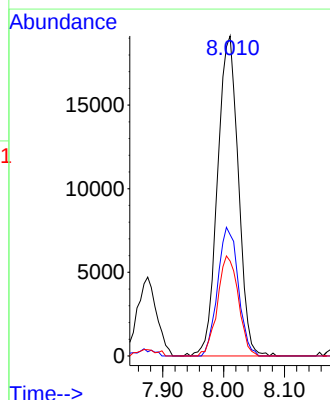
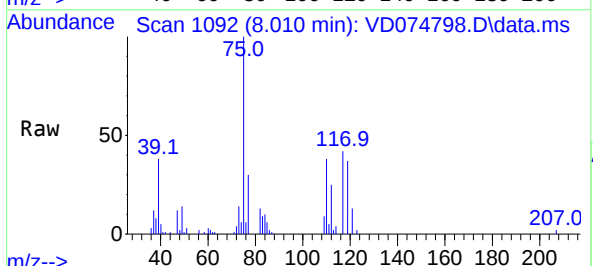
Tgt Ion: 75 Resp: 45409

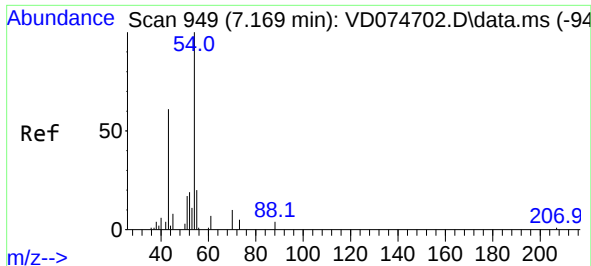
Ion Ratio Lower Upper

75 100

110 39.9 19.7 59.0

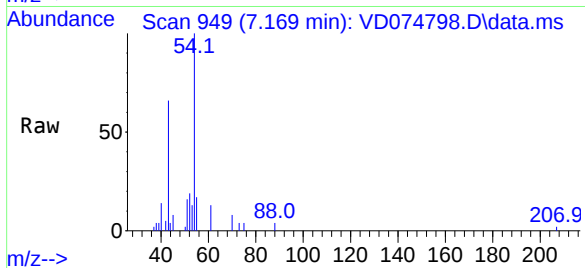
77 31.4 25.4 38.2



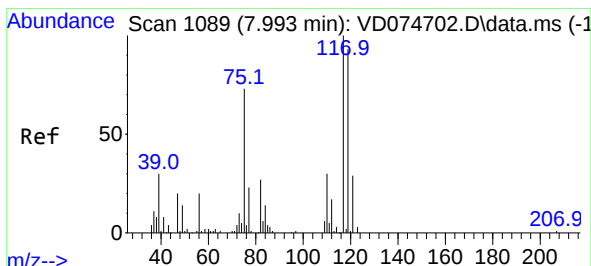
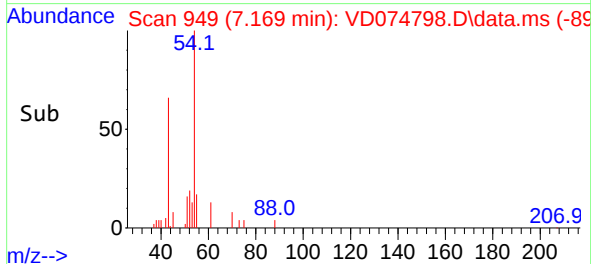
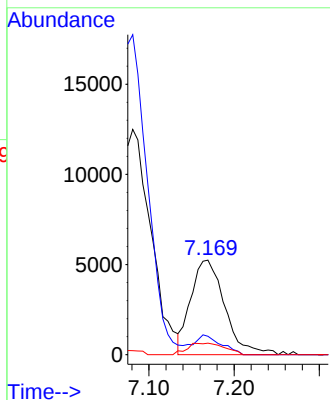


#37  
Ethyl Acetate  
Concen: 20.581 ug/l  
RT: 7.169 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Instrument :  
MSVOA\_D  
ClientSampleId :

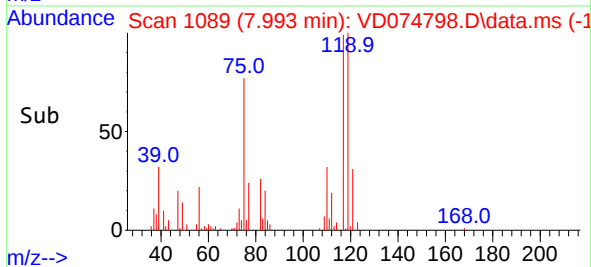
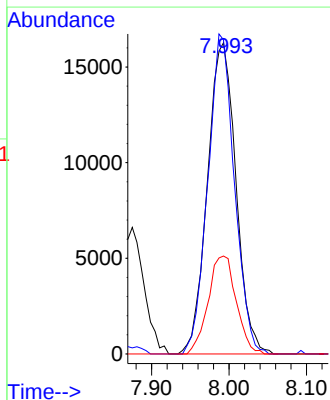
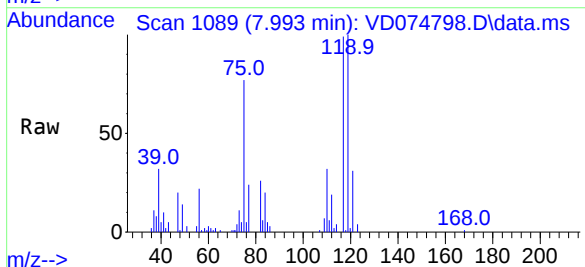


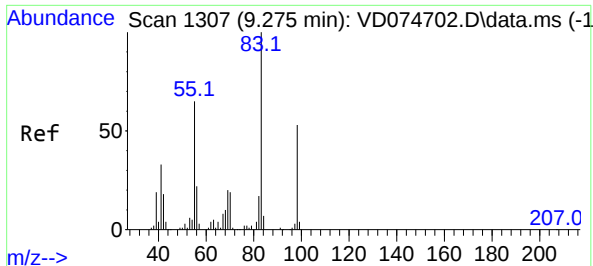
Tgt Ion: 43 Resp: 14522  
Ion Ratio Lower Upper  
43 100  
61 17.0 12.2 18.4  
70 13.4 9.6 14.4



#38  
Carbon Tetrachloride  
Concen: 20.792 ug/l  
RT: 7.993 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion: 117 Resp: 41666  
Ion Ratio Lower Upper  
117 100  
119 100.9 73.1 109.7  
121 31.5 25.0 37.6

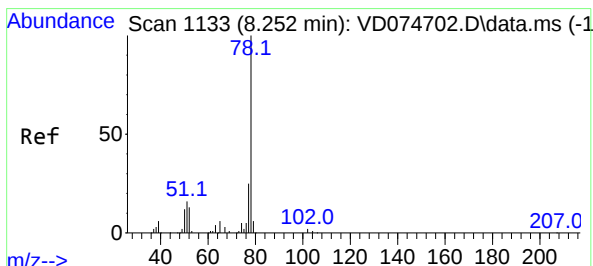
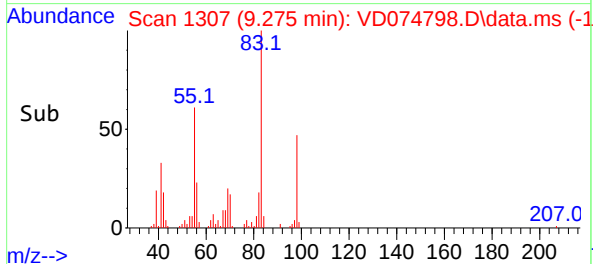
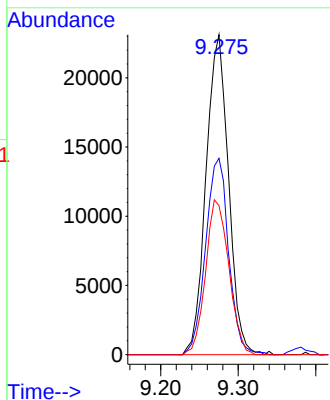
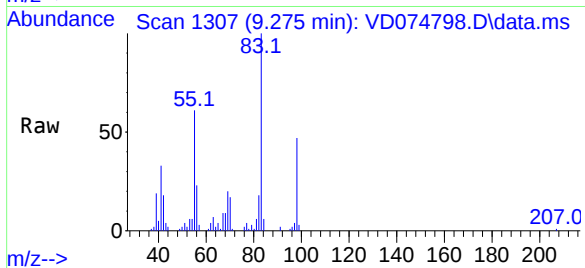




#39  
Methylcyclohexane  
Concen: 18.132 ug/l  
RT: 9.275 min Scan# 11307  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

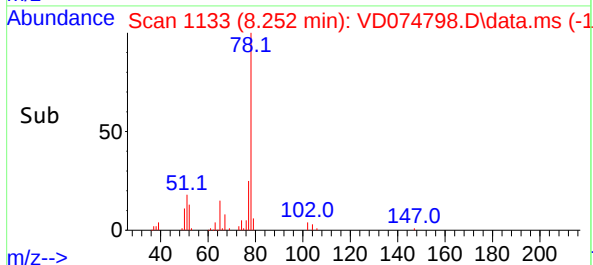
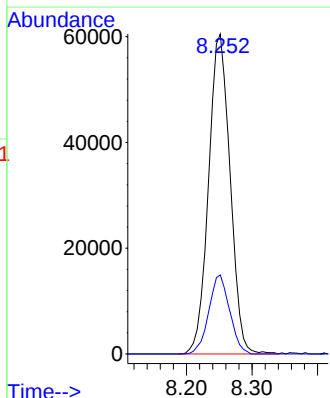
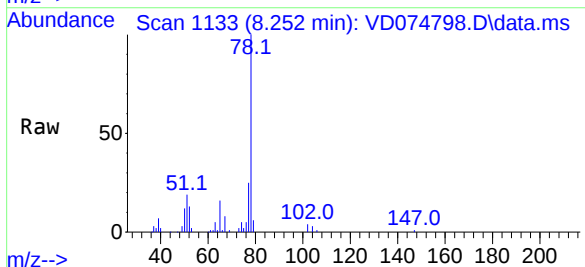
Instrument :  
MSVOA\_D  
ClientSampleId :

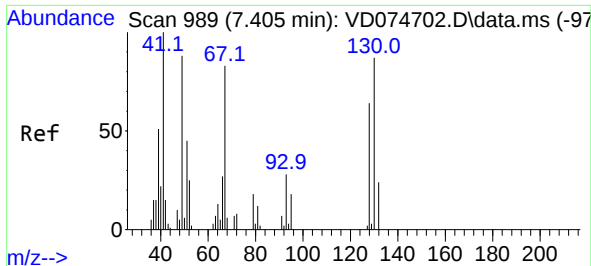
Tgt Ion: 83 Resp: 46663  
Ion Ratio Lower Upper  
83 100  
55 61.4 49.0 73.4  
98 46.5 41.7 62.5



#40  
Benzene  
Concen: 22.029 ug/l  
RT: 8.252 min Scan# 1133  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

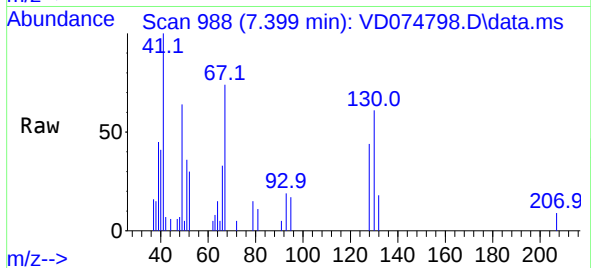
Tgt Ion: 78 Resp: 137726  
Ion Ratio Lower Upper  
78 100  
77 24.7 20.1 30.1



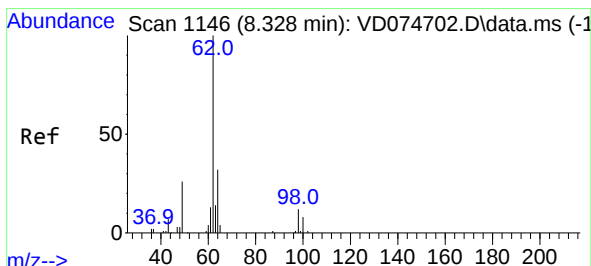
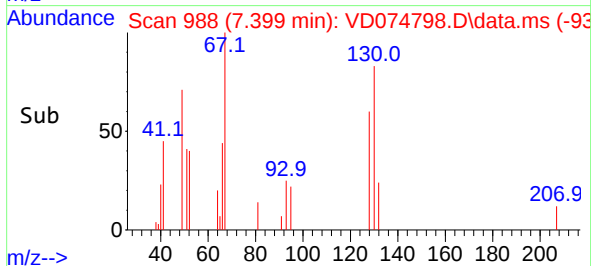
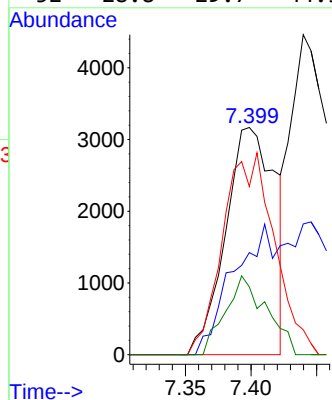


#41  
Methacrylonitrile  
Concen: 22.509 ug/l  
RT: 7.399 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Instrument :  
MSVOA\_D  
ClientSampleId :

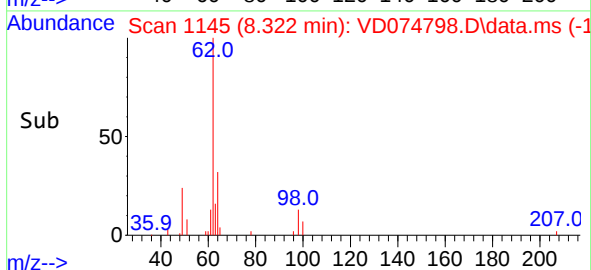
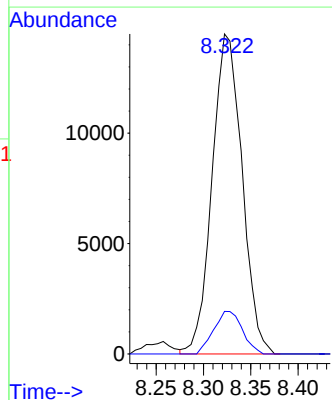
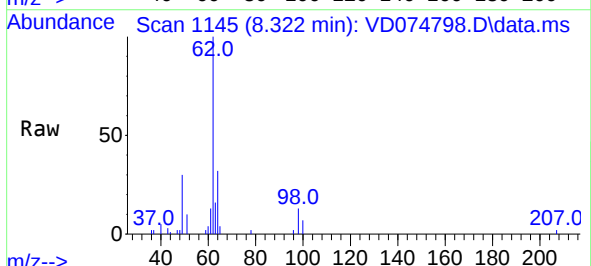


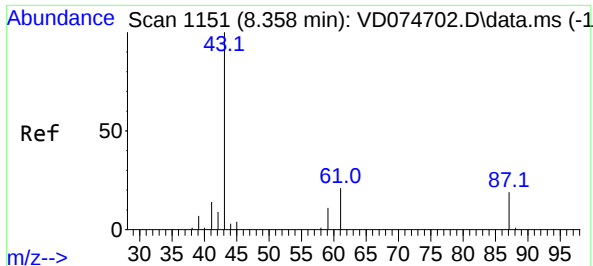
Tgt Ion: 41 Resp: 8329  
Ion Ratio Lower Upper  
41 100  
39 51.8 35.0 52.6  
67 92.2 77.0 115.6  
52 28.8 29.7 44.5#



#42  
1,2-Dichloroethane  
Concen: 22.198 ug/l  
RT: 8.322 min Scan# 1145  
Delta R.T. -0.006 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion: 62 Resp: 31905  
Ion Ratio Lower Upper  
62 100  
98 12.7 0.0 24.2

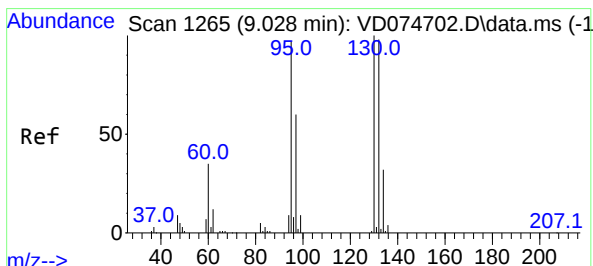
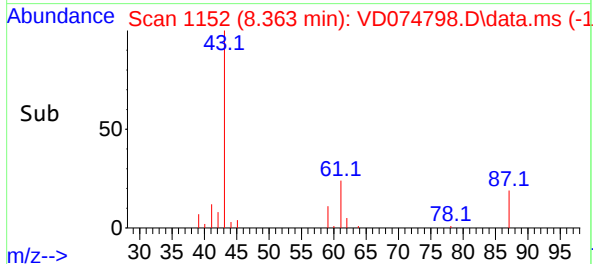
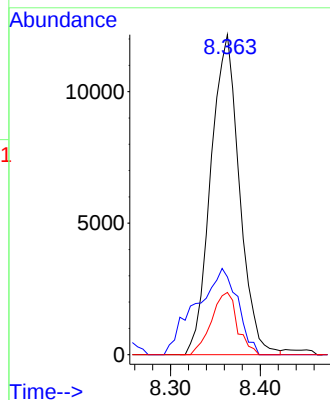
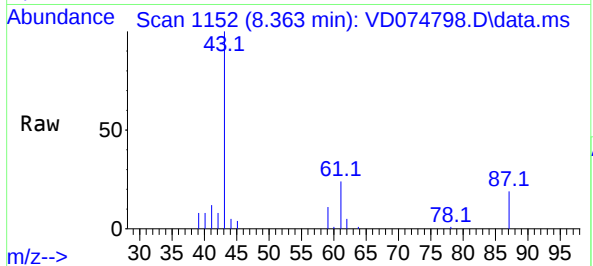




#43  
Isopropyl Acetate  
Concen: 20.521 ug/l  
RT: 8.363 min Scan# 1152  
Delta R.T. 0.005 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

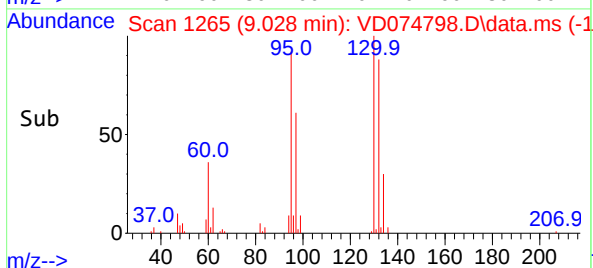
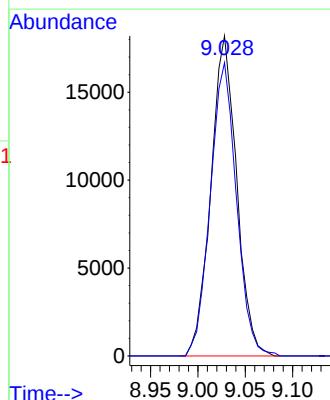
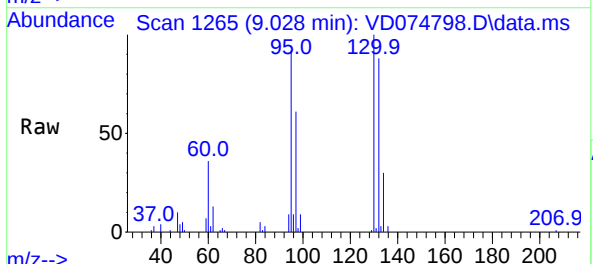
Instrument :  
MSVOA\_D  
ClientSampleId :

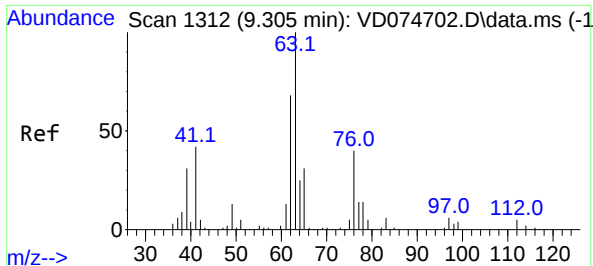
Tgt Ion: 43 Resp: 26942  
Ion Ratio Lower Upper  
43 100  
61 39.2 30.9 46.3  
87 17.6 14.3 21.5



#44  
Trichloroethene  
Concen: 19.350 ug/l  
RT: 9.028 min Scan# 1265  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion:130 Resp: 34467  
Ion Ratio Lower Upper  
130 100  
95 91.6 0.0 185.4

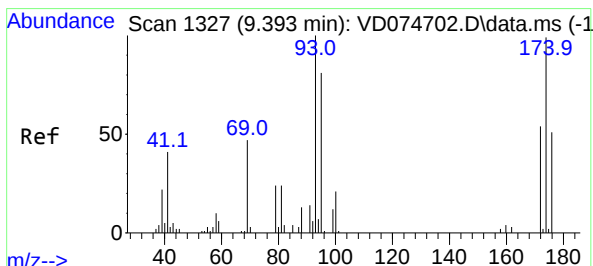
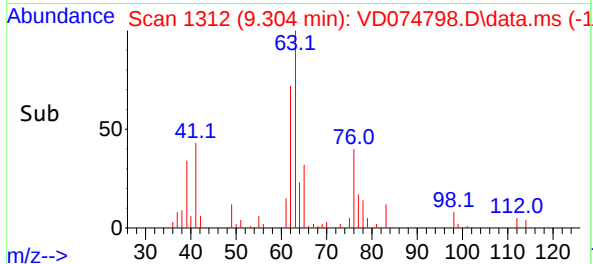
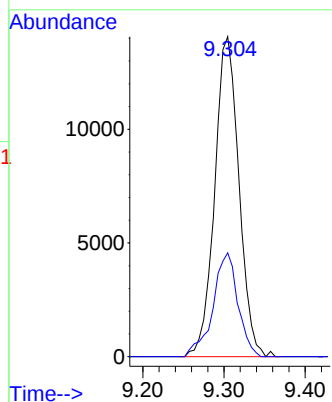
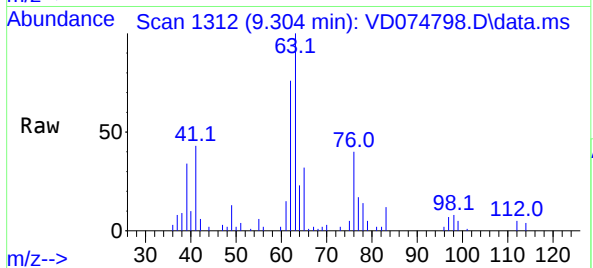




#45  
1,2-Dichloropropane  
Concen: 21.134 ug/l  
RT: 9.304 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

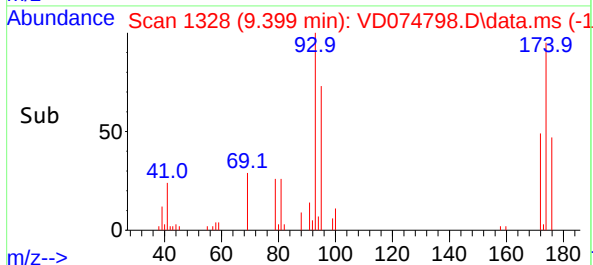
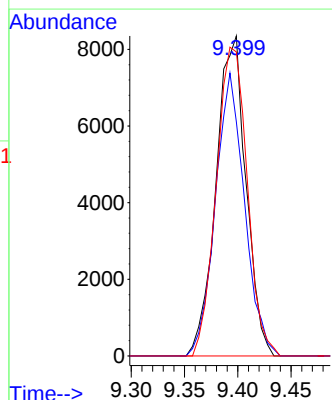
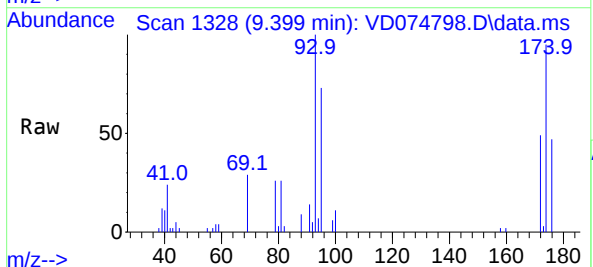
Instrument :  
MSVOA\_D  
ClientSampleId :

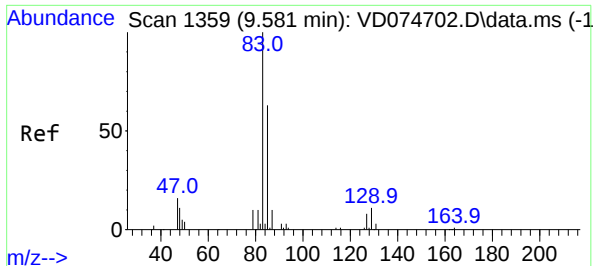
Tgt Ion: 63 Resp: 29222  
Ion Ratio Lower Upper  
63 100  
65 32.5 23.1 34.7



#46  
Dibromomethane  
Concen: 20.346 ug/l  
RT: 9.399 min Scan# 1328  
Delta R.T. 0.006 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion: 93 Resp: 16303  
Ion Ratio Lower Upper  
93 100  
95 86.1 68.2 102.2  
174 99.8 87.4 131.0

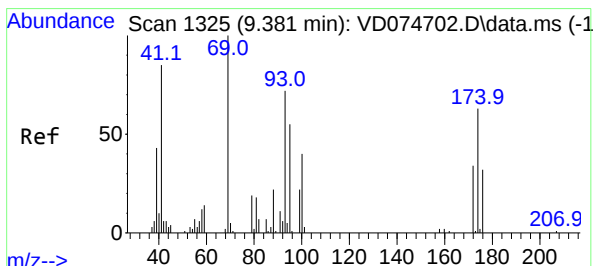
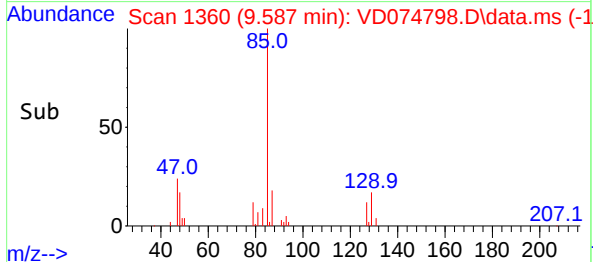
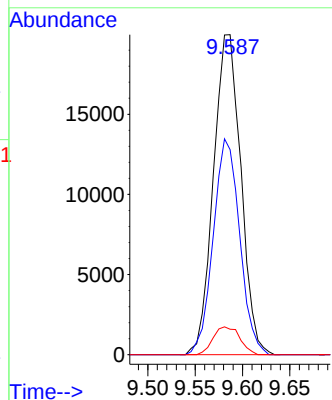
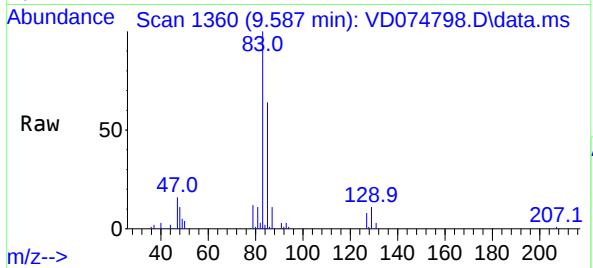




#47  
Bromodichloromethane  
Concen: 20.861 ug/l  
RT: 9.587 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

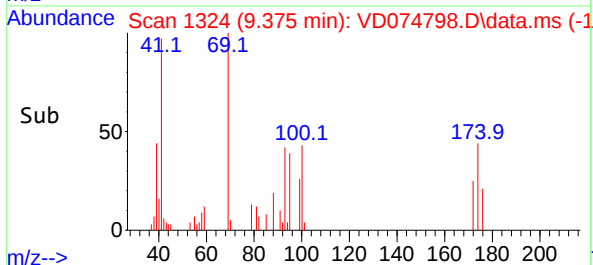
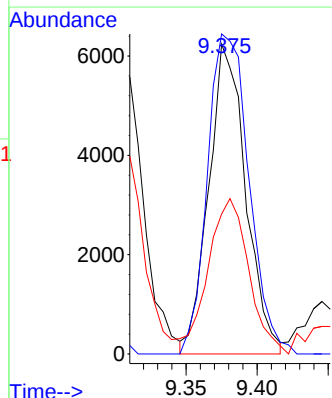
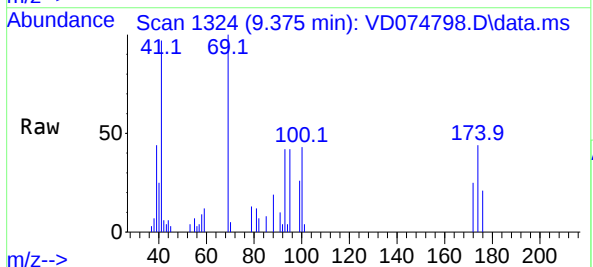
Instrument :  
MSVOA\_D  
ClientSampleId :

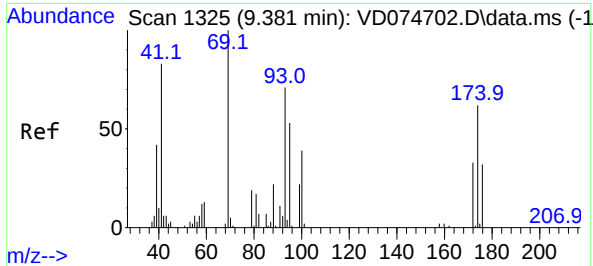
Tgt Ion: 83 Resp: 40243  
Ion Ratio Lower Upper  
83 100  
85 64.0 48.8 73.2  
127 8.0 6.7 10.1



#48  
Methyl methacrylate  
Concen: 19.299 ug/l  
RT: 9.375 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

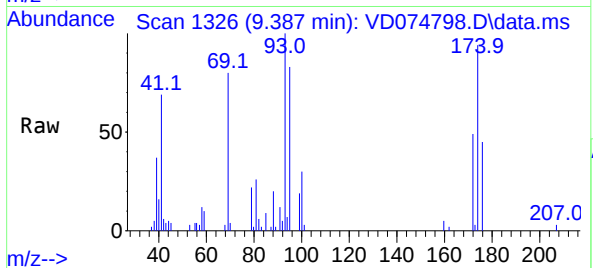
Tgt Ion: 41 Resp: 11291  
Ion Ratio Lower Upper  
41 100  
69 115.9 93.0 139.4  
39 55.9 44.6 66.8



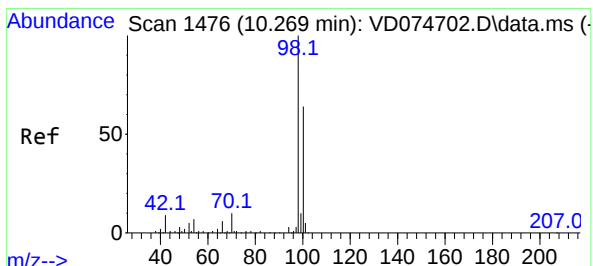
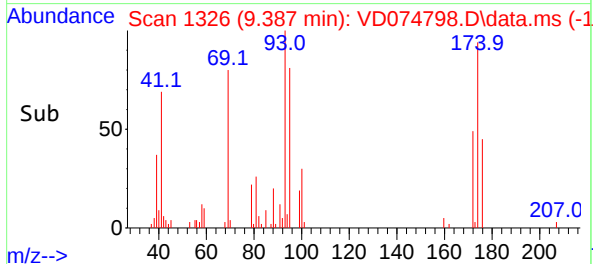
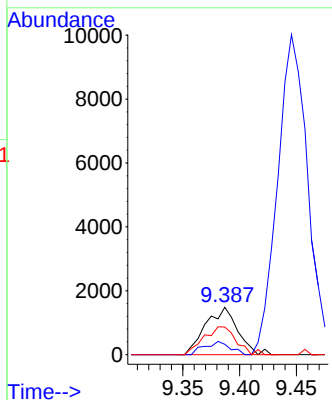


#49  
1,4-Dioxane  
Concen: 359.616 ug/l  
RT: 9.387 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Instrument :  
MSVOA\_D  
ClientSampleId :

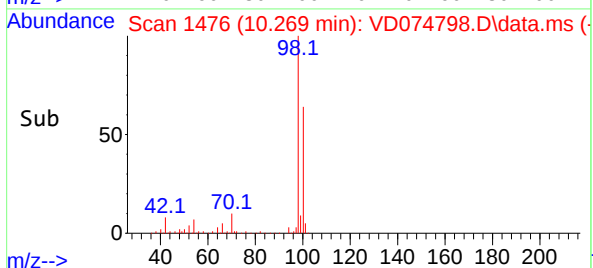
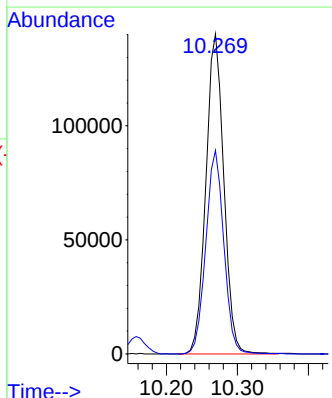
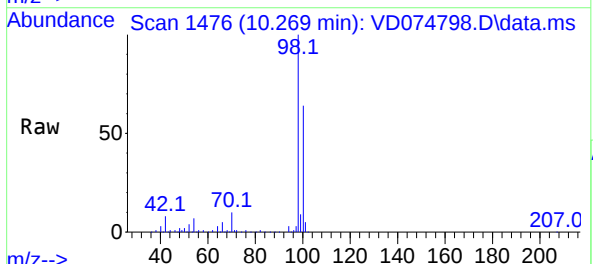


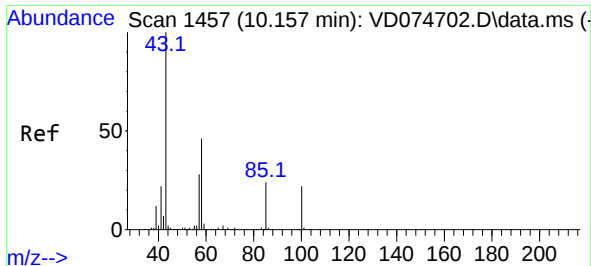
Tgt Ion: 88 Resp: 2906  
Ion Ratio Lower Upper  
88 100  
43 22.0 24.1 36.1#  
58 59.5 43.1 64.7



#50  
Toluene-d8  
Concen: 48.475 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion: 98 Resp: 246406  
Ion Ratio Lower Upper  
98 100  
100 64.0 51.4 77.0

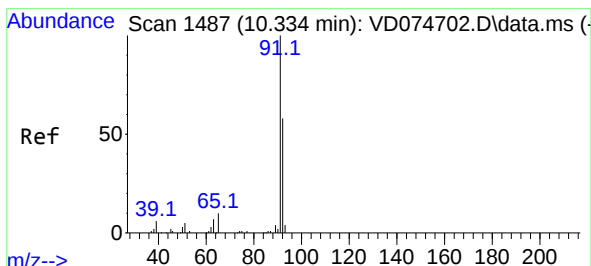
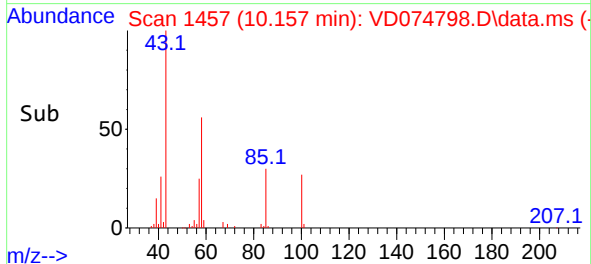
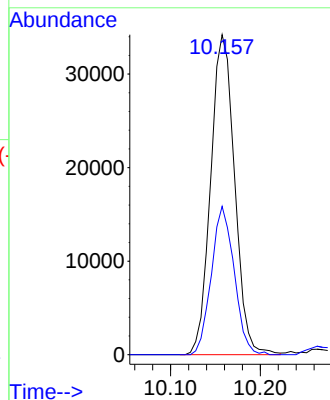
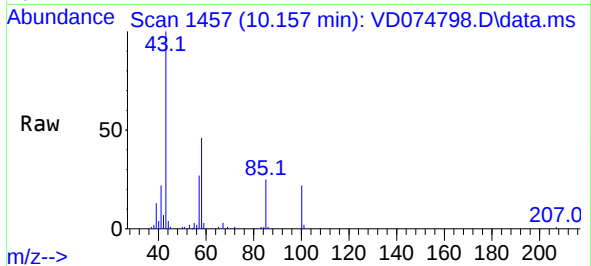




#51  
4-Methyl-2-Pentanone  
Concen: 99.590 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

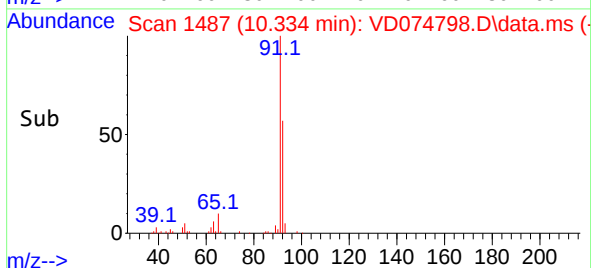
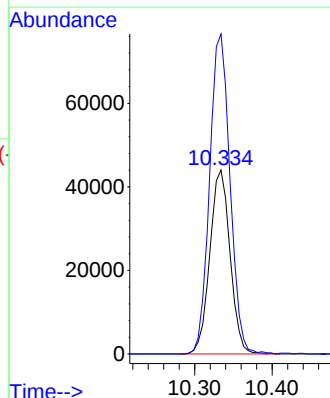
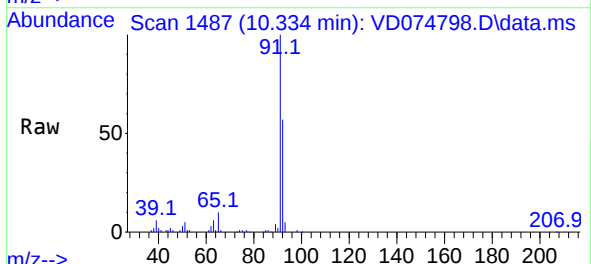
Instrument :  
MSVOA\_D  
ClientSampleId :

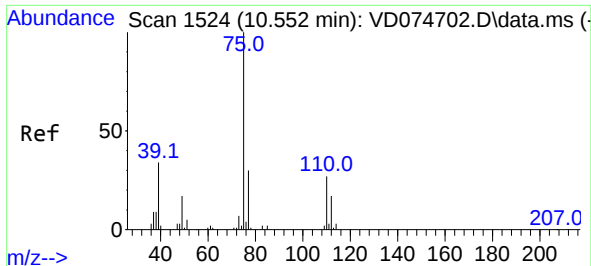
Tgt Ion: 43 Resp: 63408  
Ion Ratio Lower Upper  
43 100  
58 44.2 37.8 56.6



#52  
Toluene  
Concen: 20.842 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion: 92 Resp: 79780  
Ion Ratio Lower Upper  
92 100  
91 175.4 139.0 208.4

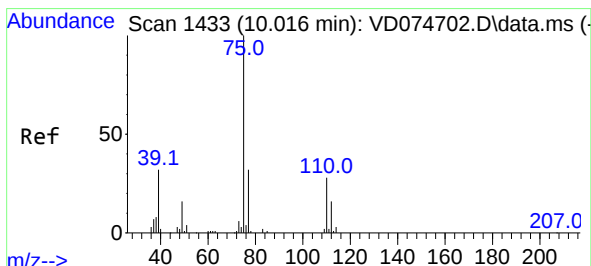
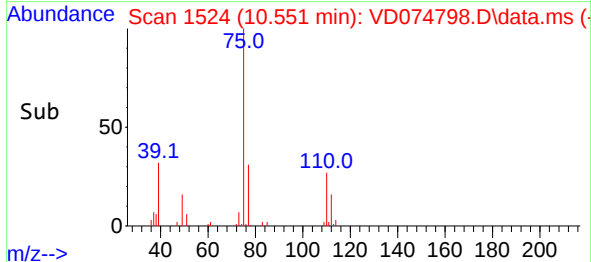
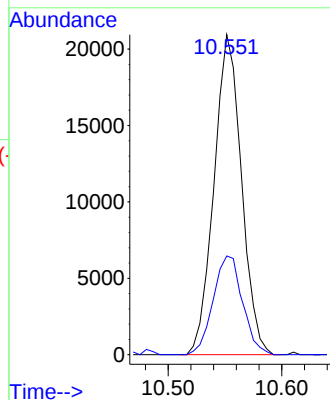
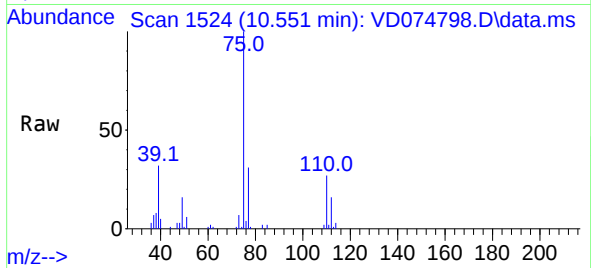




#53  
 t-1,3-Dichloropropene  
 Concen: 20.620 ug/l  
 RT: 10.551 min Scan# 11  
 Delta R.T. -0.001 min  
 Lab File: VD074798.D  
 Acq: 08 Nov 2022 12:22

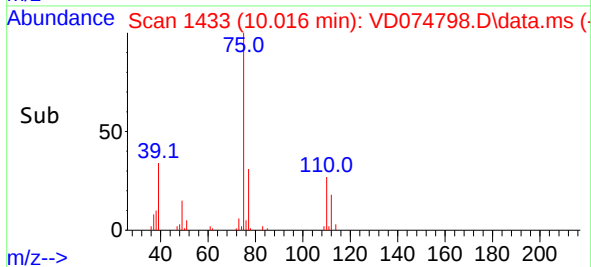
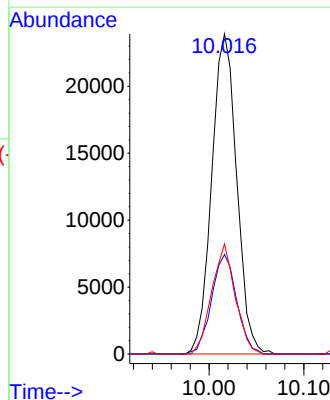
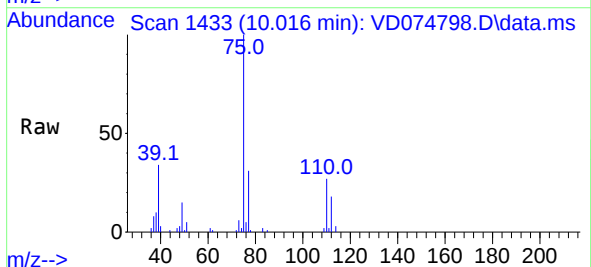
Instrument :  
 MSVOA\_D  
 ClientSampleId :

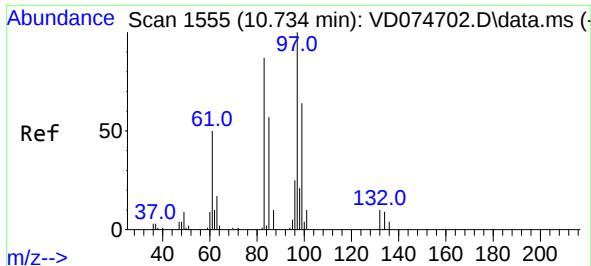
Tgt Ion: 75 Resp: 35182  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.421 ug/l  
 RT: 10.016 min Scan# 1433  
 Delta R.T. 0.000 min  
 Lab File: VD074798.D  
 Acq: 08 Nov 2022 12:22

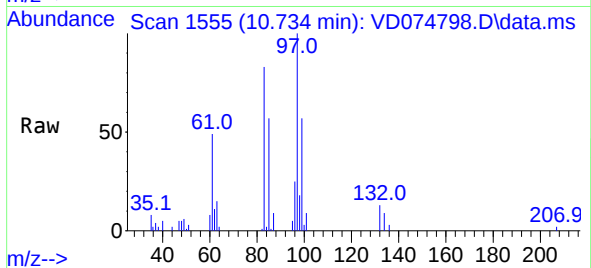
Tgt Ion: 75 Resp: 43721  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 24.7 37.1  
 39 34.4 25.4 38.2



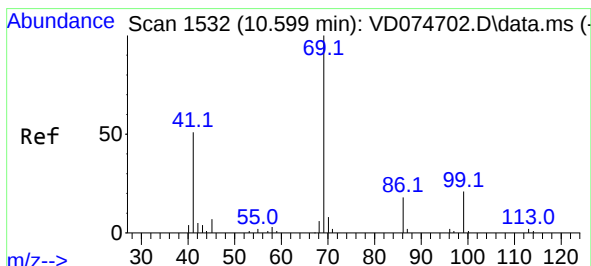
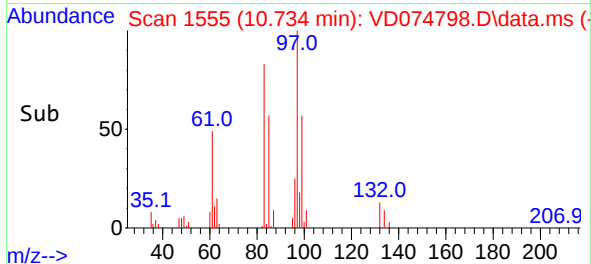
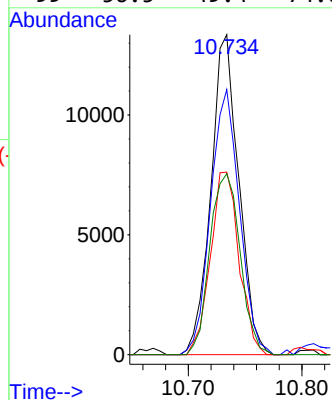


#55  
1,1,2-Trichloroethane  
Concen: 20.930 ug/l  
RT: 10.734 min Scan# 1555  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Instrument :  
MSVOA\_D  
ClientSampleId :

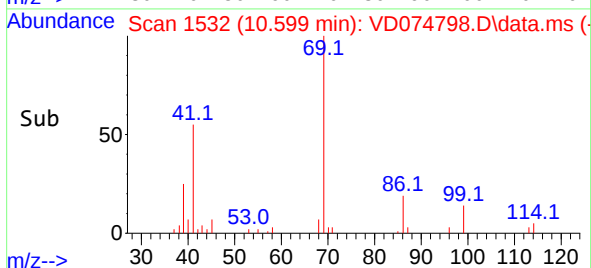
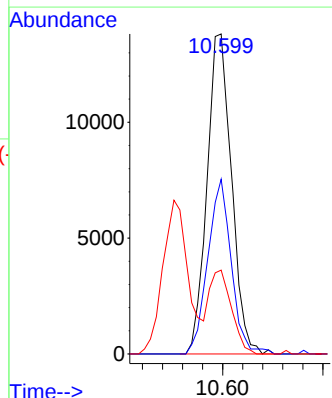
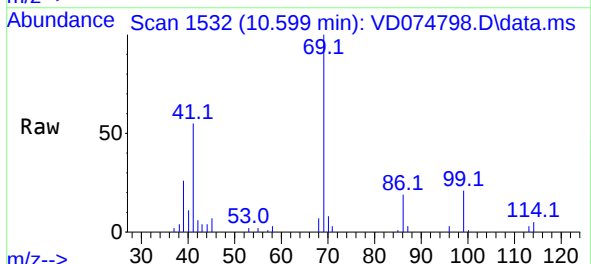


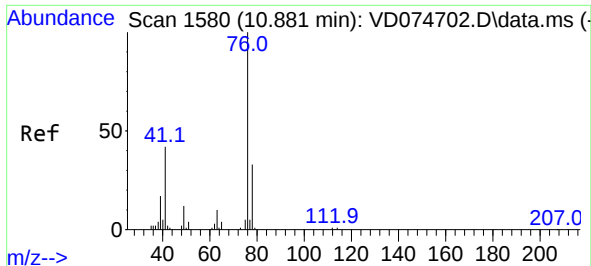
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 22784 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.9  | 64.8  | 97.2  |
| 85       | 57.1  | 44.8  | 67.2  |
| 99       | 56.5  | 49.4  | 74.0  |



#56  
Ethyl methacrylate  
Concen: 19.316 ug/l  
RT: 10.599 min Scan# 1532  
Delta R.T. -0.001 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 23509 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 52.2  | 38.6  | 58.0  |
| 39       | 23.6  | 19.9  | 29.9  |





#57

1,3-Dichloropropane

Concen: 20.948 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD074798.D

Acq: 08 Nov 2022 12:22

Instrument :

MSVOA\_D

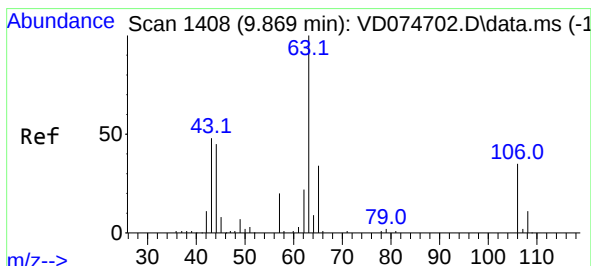
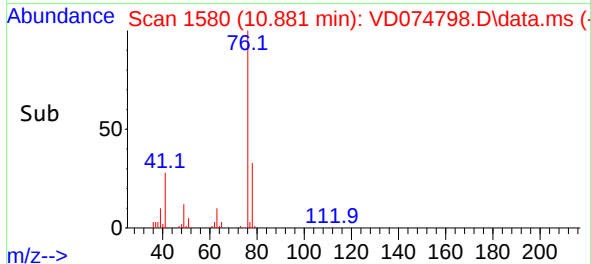
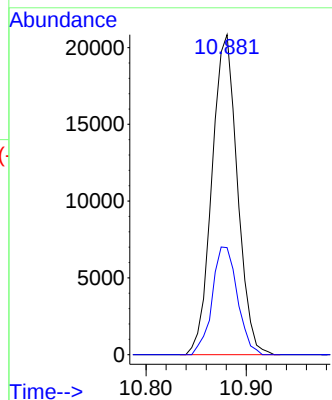
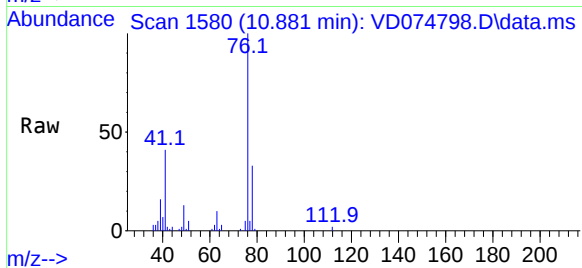
ClientSampleId :

Tgt Ion: 76 Resp: 36738

Ion Ratio Lower Upper

76 100

78 33.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 119.389 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074798.D

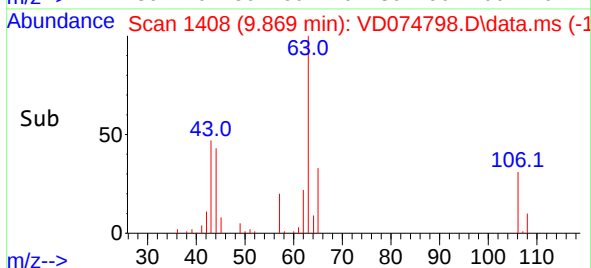
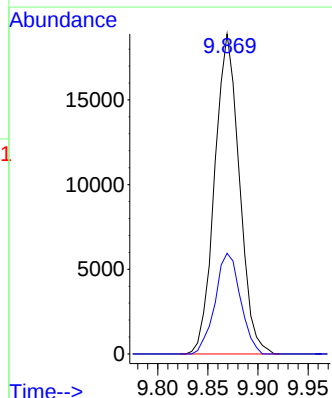
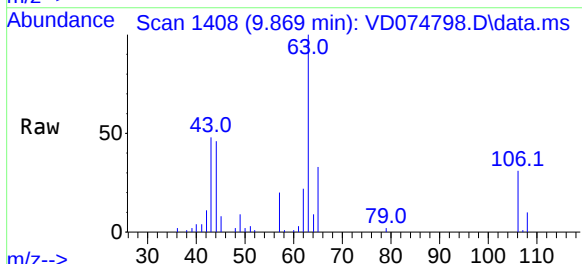
Acq: 08 Nov 2022 12:22

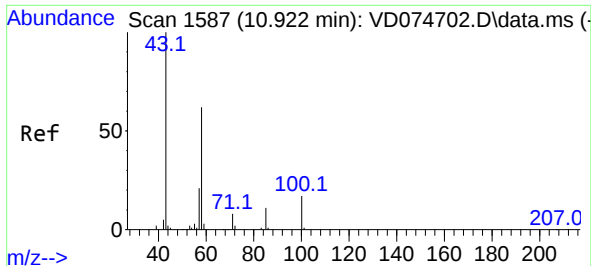
Tgt Ion: 63 Resp: 32305

Ion Ratio Lower Upper

63 100

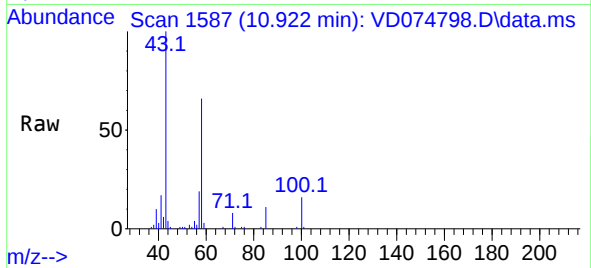
106 32.3 26.5 39.7



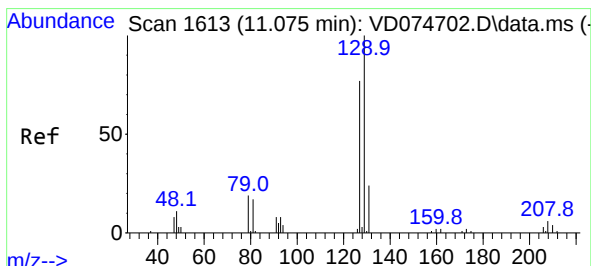
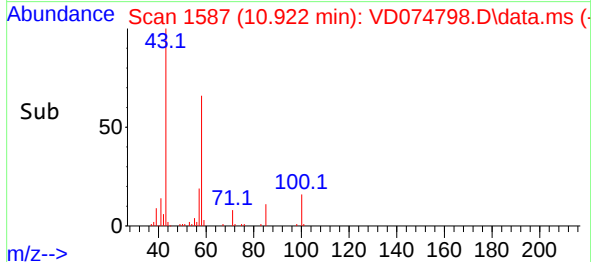
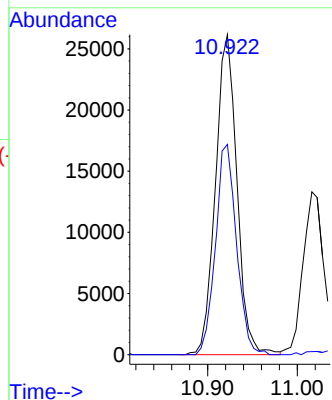


#59  
2-Hexanone  
Concen: 99.114 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Instrument :  
MSVOA\_D  
ClientSampleId :

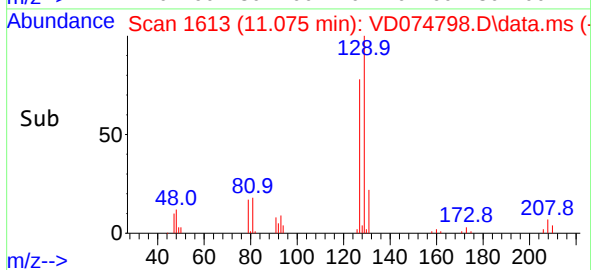
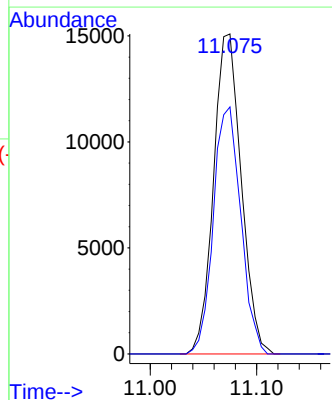
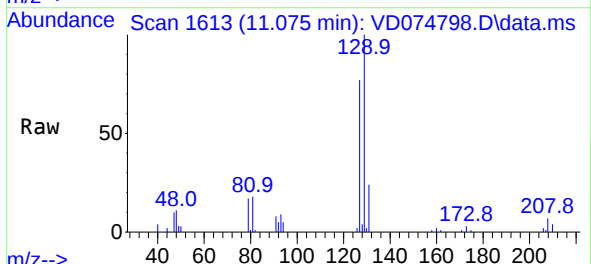


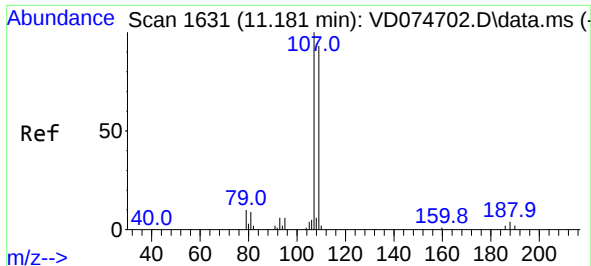
Tgt Ion: 43 Resp: 43409  
Ion Ratio Lower Upper  
43 100  
58 64.5 32.0 96.2



#60  
Dibromochloromethane  
Concen: 20.980 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion:129 Resp: 27265  
Ion Ratio Lower Upper  
129 100  
127 76.3 39.1 117.2

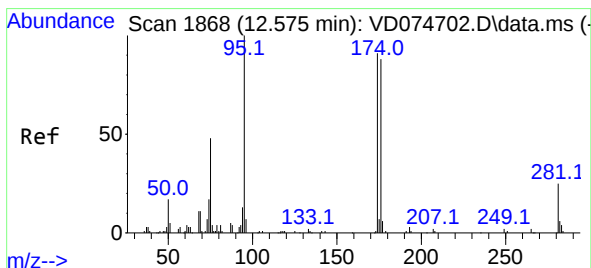
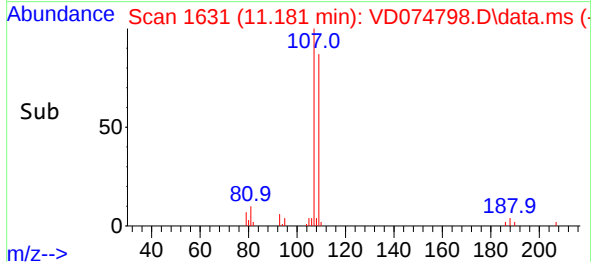
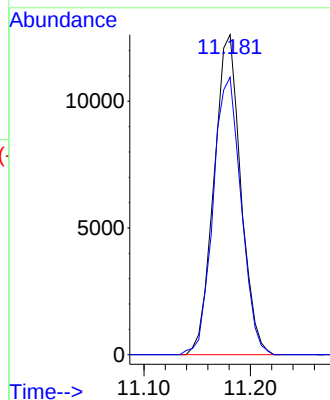
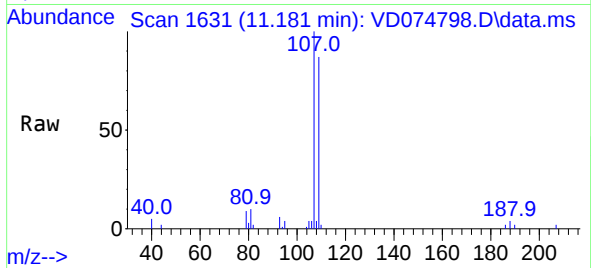




#61  
1,2-Dibromoethane  
Concen: 21.527 ug/l  
RT: 11.181 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

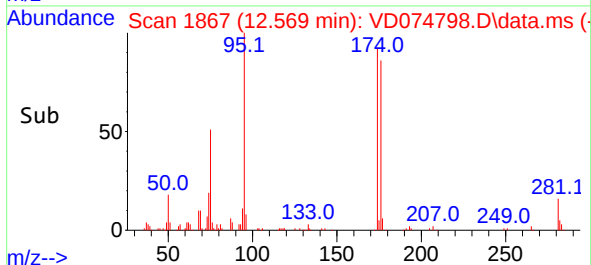
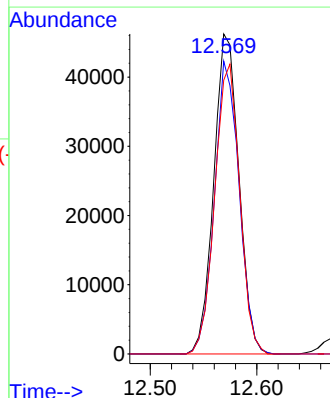
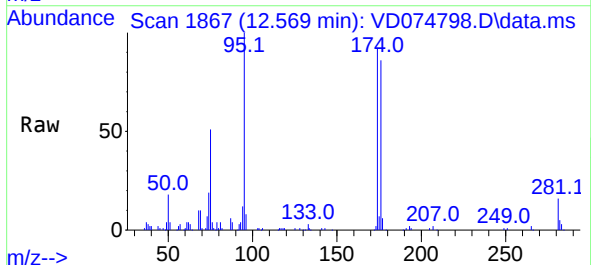
Instrument :  
MSVOA\_D  
ClientSampleId :

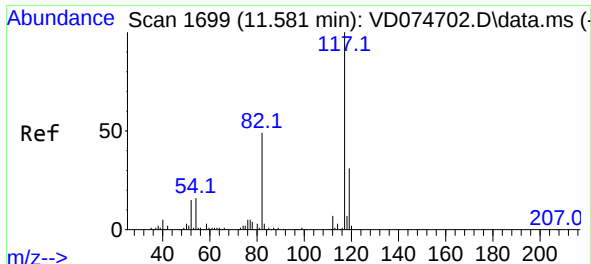
Tgt Ion:107 Resp: 22084  
Ion Ratio Lower Upper  
107 100  
109 90.6 74.6 111.8



#62  
4-Bromofluorobenzene  
Concen: 51.595 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

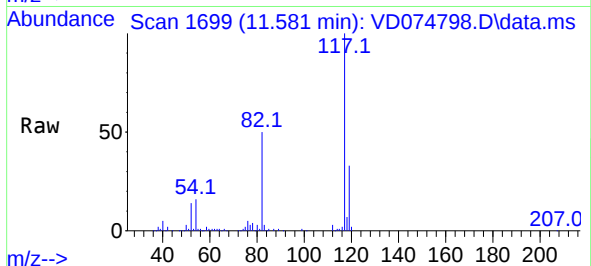
Tgt Ion: 95 Resp: 75725  
Ion Ratio Lower Upper  
95 100  
174 89.7 0.0 197.0  
176 89.8 0.0 182.6



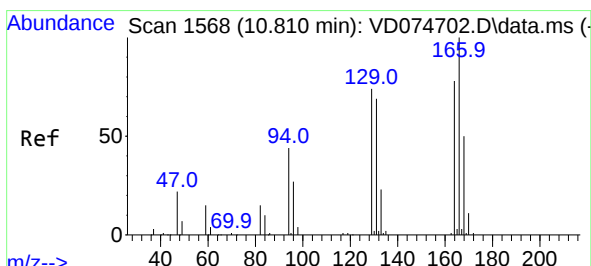
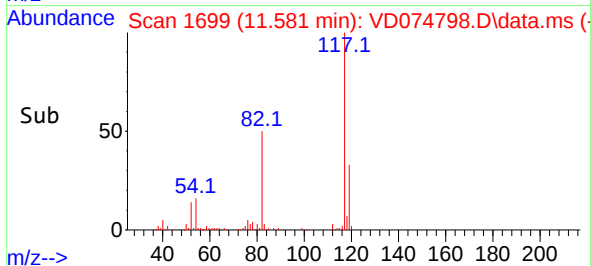
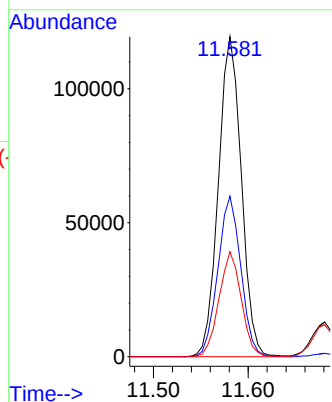


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Instrument :  
MSVOA\_D  
ClientSampleId :

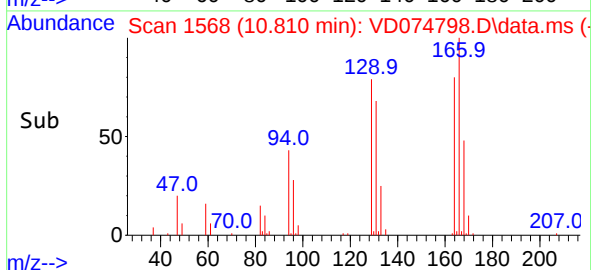
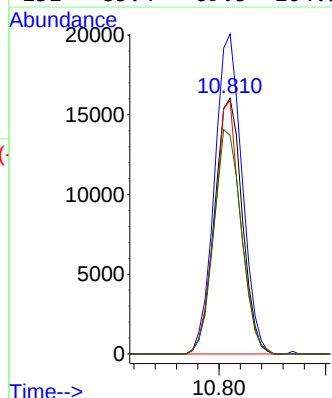
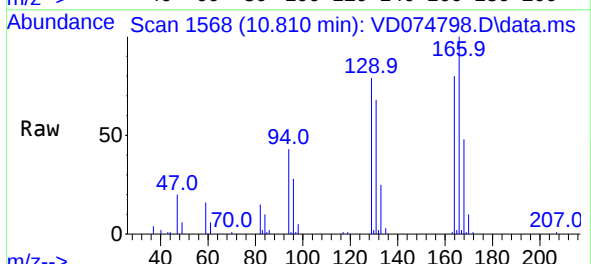


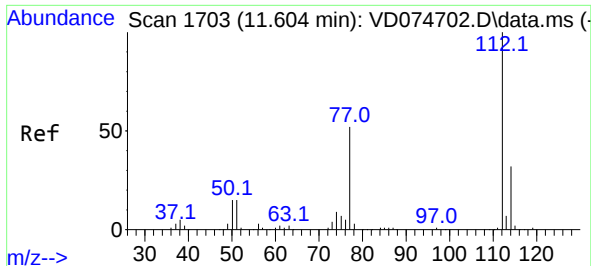
Tgt Ion:117 Resp: 201513  
Ion Ratio Lower Upper  
117 100  
82 50.2 41.6 62.4  
119 32.8 25.2 37.8



#64  
Tetrachloroethene  
Concen: 20.251 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion:164 Resp: 28828  
Ion Ratio Lower Upper  
164 100  
166 125.2 107.8 161.8  
129 99.3 77.4 116.2  
131 85.4 69.5 104.3

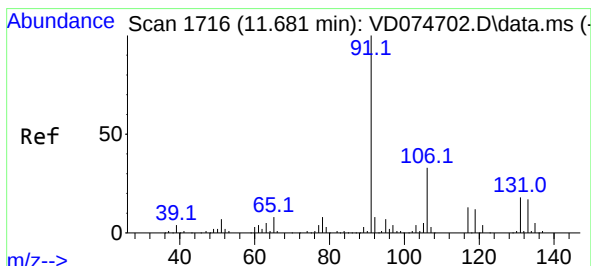
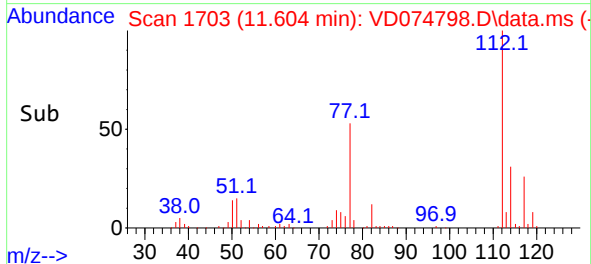
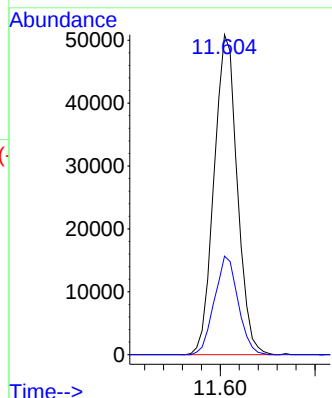
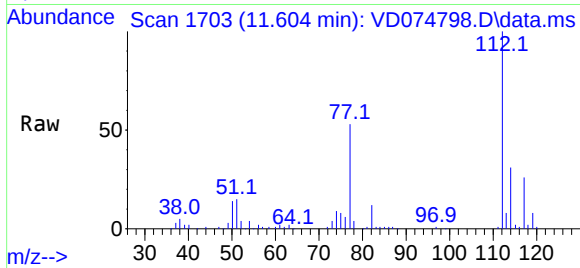




#65  
Chlorobenzene  
Concen: 21.681 ug/l  
RT: 11.604 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

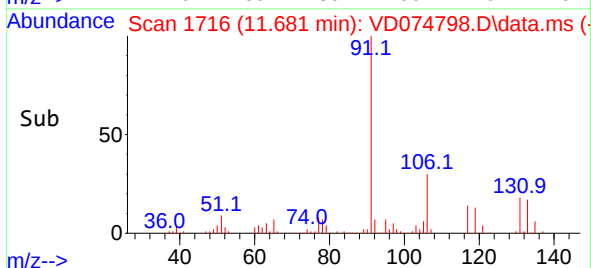
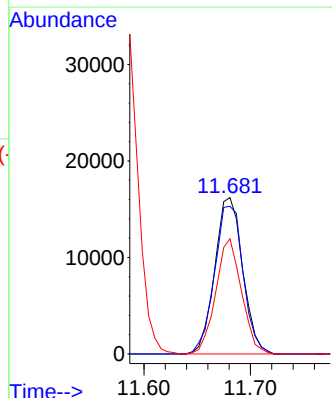
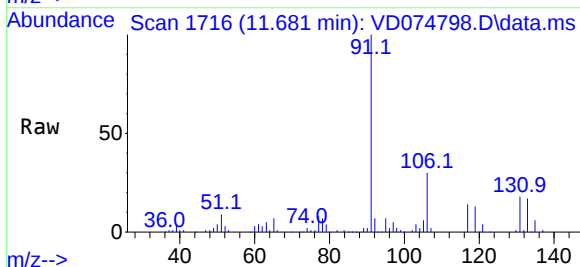
Instrument :  
MSVOA\_D  
ClientSampleId :

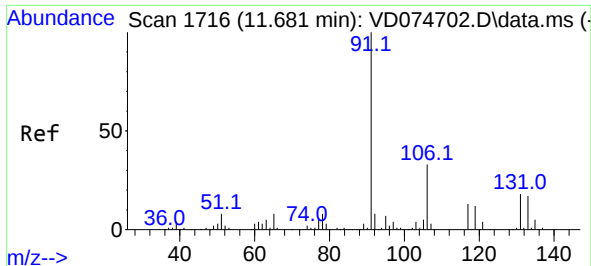
Tgt Ion:112 Resp: 86521  
Ion Ratio Lower Upper  
112 100  
114 30.8 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.723 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion:131 Resp: 29413  
Ion Ratio Lower Upper  
131 100  
133 97.7 46.6 139.8  
119 68.2 32.5 97.4

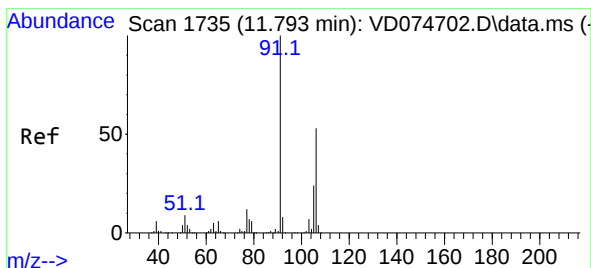
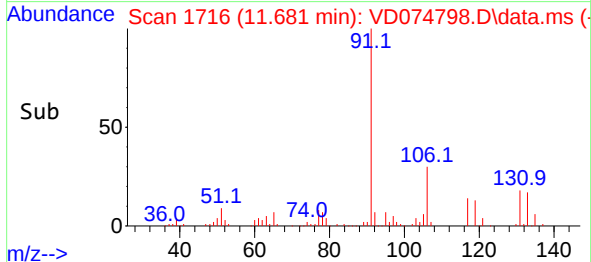
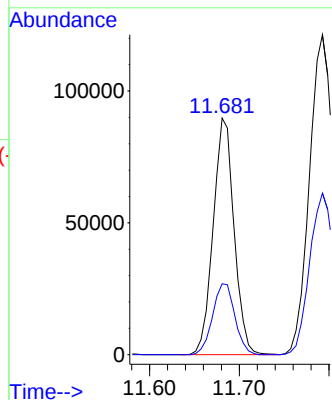
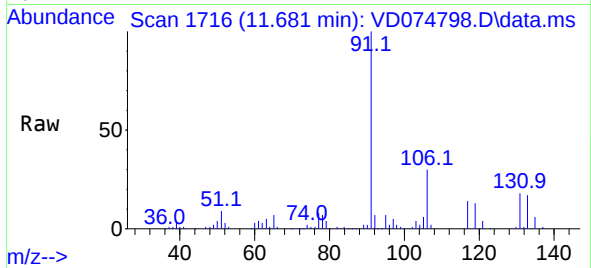




#67  
Ethyl Benzene  
Concen: 20.499 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

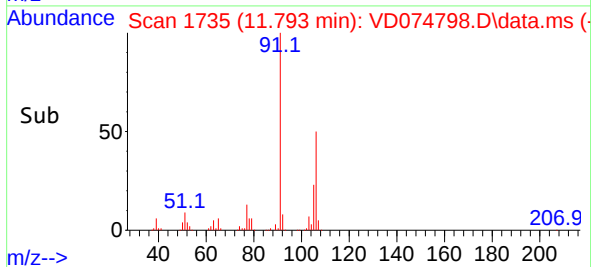
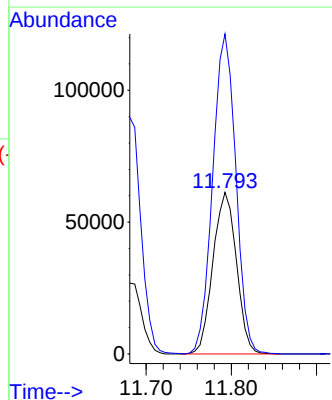
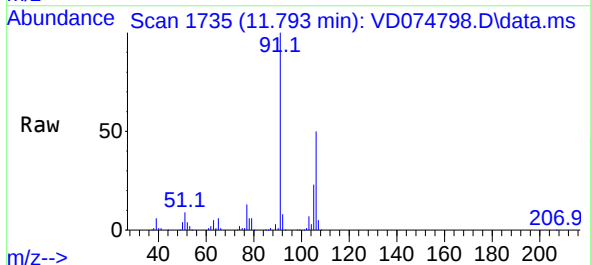
Instrument :  
MSVOA\_D  
ClientSampleId :

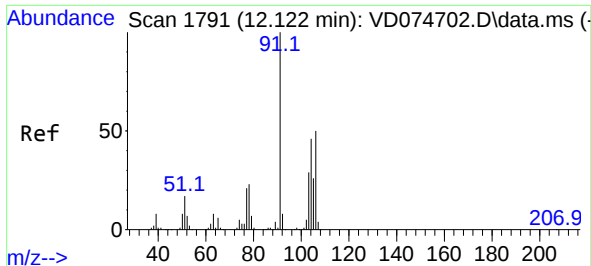
Tgt Ion: 91 Resp: 144970  
Ion Ratio Lower Upper  
91 100  
106 29.9 26.6 40.0



#68  
m/p-Xylenes  
Concen: 41.830 ug/l  
RT: 11.793 min Scan# 1735  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion:106 Resp: 117444  
Ion Ratio Lower Upper  
106 100  
91 195.0 156.2 234.4

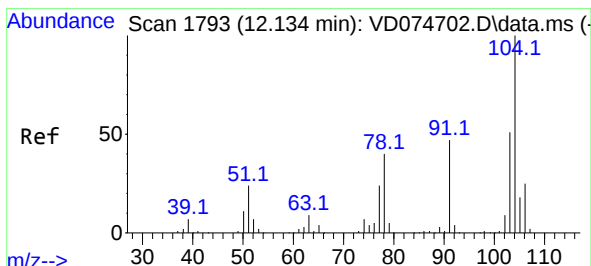
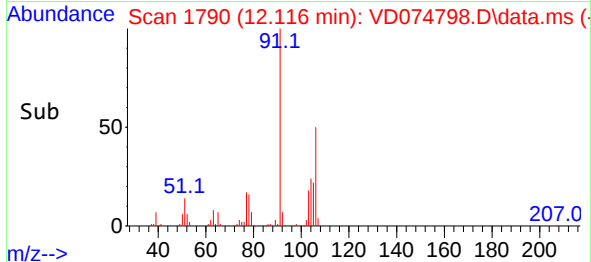
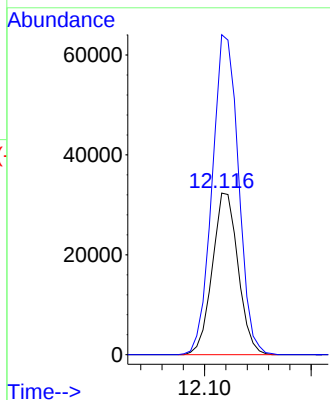
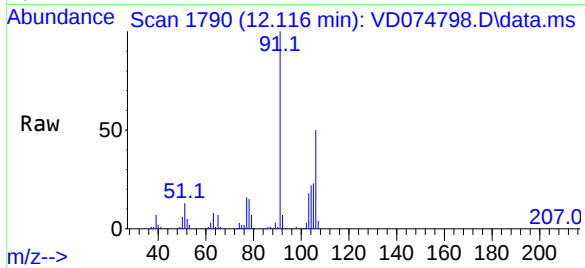




#69  
o-Xylene  
Concen: 21.033 ug/l  
RT: 12.116 min Scan# 1790  
Delta R.T. -0.006 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

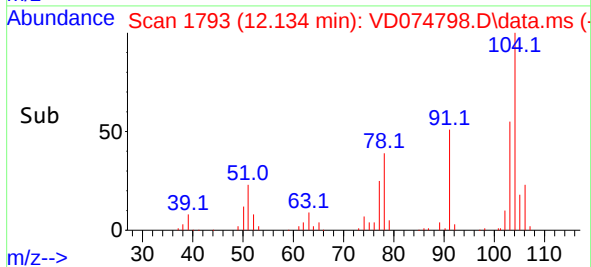
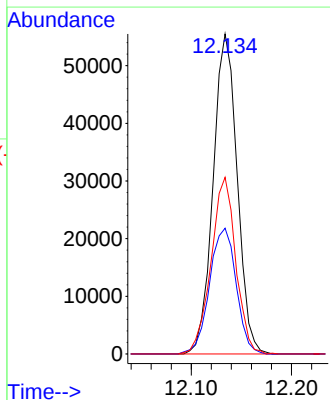
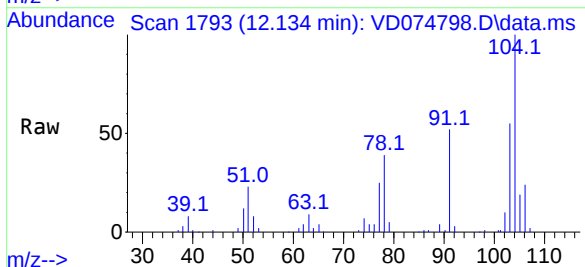
Instrument :  
MSVOA\_D  
ClientSampleId :

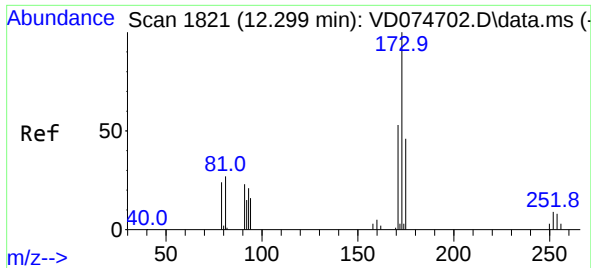
Tgt Ion:106 Resp: 54288  
Ion Ratio Lower Upper  
106 100  
91 202.5 104.5 313.3



#70  
Styrene  
Concen: 21.128 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

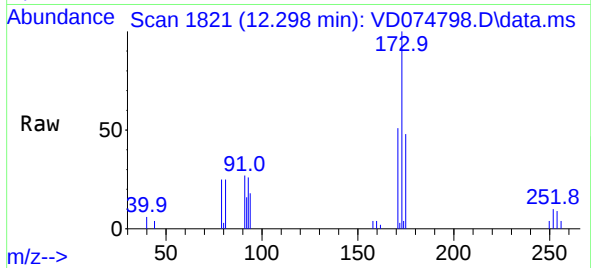
Tgt Ion:104 Resp: 92392  
Ion Ratio Lower Upper  
104 100  
78 43.6 35.7 53.5  
103 56.7 43.7 65.5



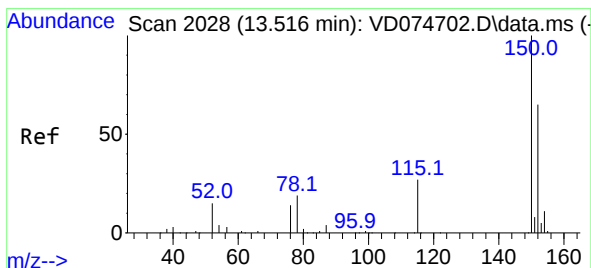
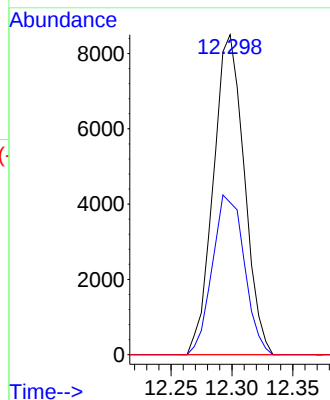
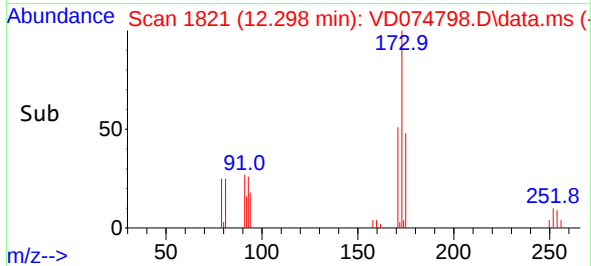


#71  
Bromoform  
Concen: 20.664 ug/l  
RT: 12.298 min Scan# 1821  
Delta R.T. -0.001 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Instrument :  
MSVOA\_D  
ClientSampleId :

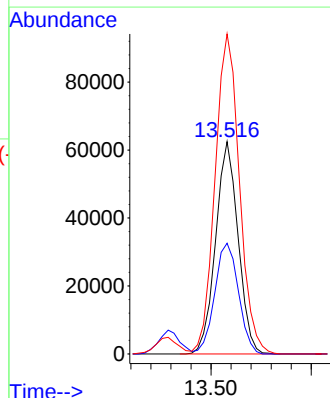
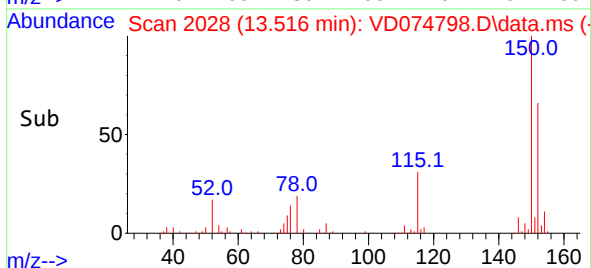
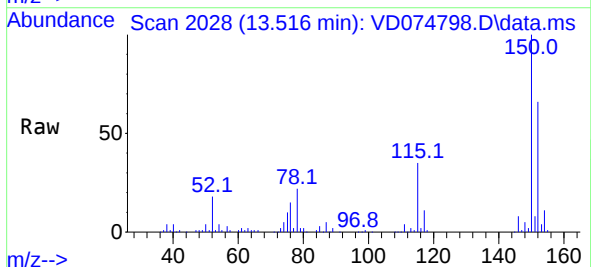


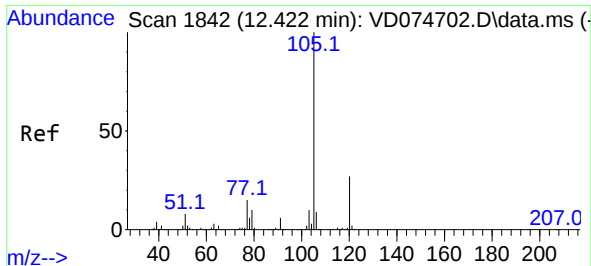
Tgt Ion:173 Resp: 14983  
Ion Ratio Lower Upper  
173 100  
175 51.6 23.1 69.3  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.516 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion:152 Resp: 97107  
Ion Ratio Lower Upper  
152 100  
115 55.2 26.8 80.4  
150 163.5 0.0 348.2

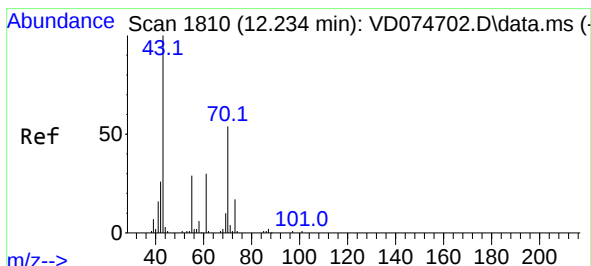
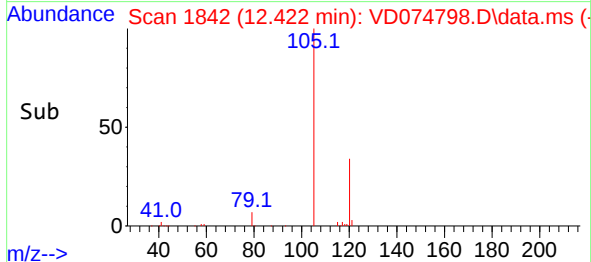
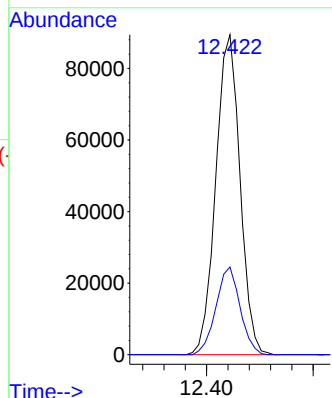
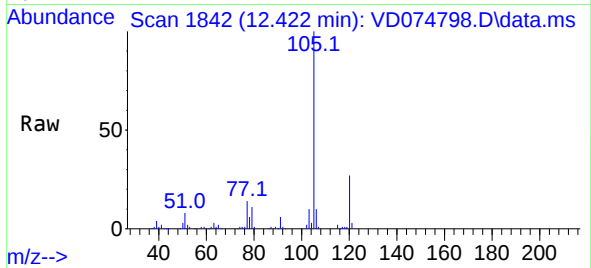




#73  
Isopropylbenzene  
Concen: 19.872 ug/l  
RT: 12.422 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

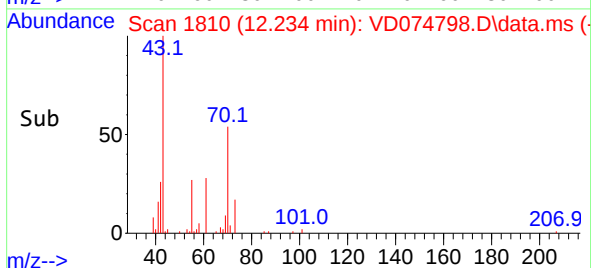
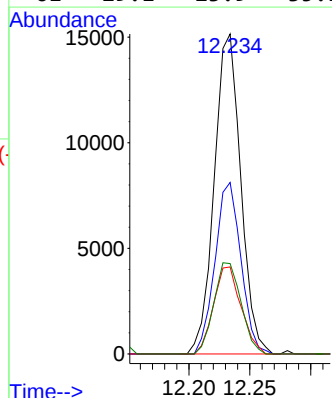
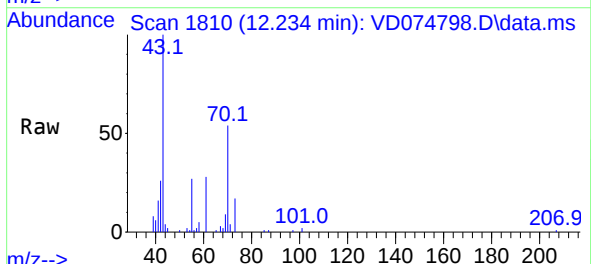
Instrument :  
MSVOA\_D  
ClientSampleId :

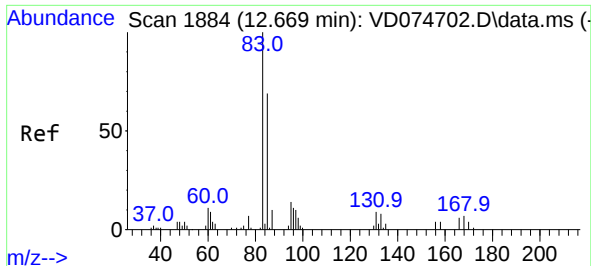
Tgt Ion:105 Resp: 140987  
Ion Ratio Lower Upper  
105 100  
120 27.4 13.5 40.4



#74  
N-ethyl acetate  
Concen: 19.908 ug/l  
RT: 12.234 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion: 43 Resp: 22941  
Ion Ratio Lower Upper  
43 100  
70 52.5 43.8 65.6  
55 28.3 22.0 33.0  
61 29.1 23.9 35.9

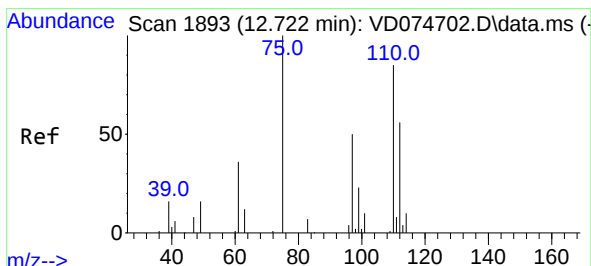
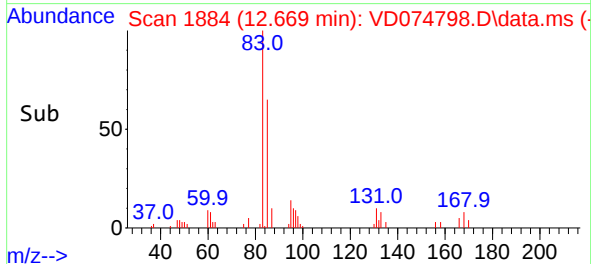
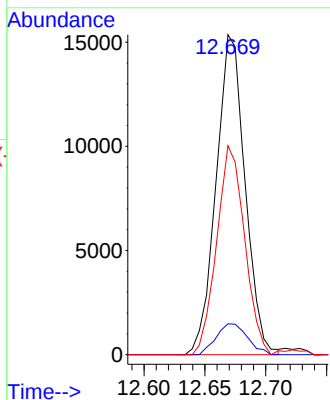
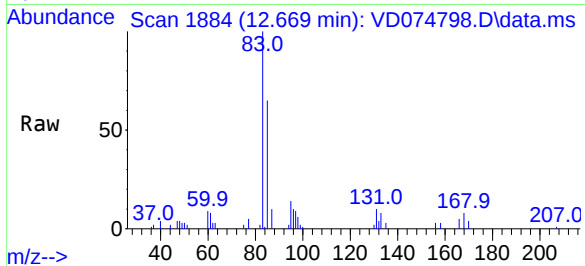




#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.316 ug/l  
RT: 12.669 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

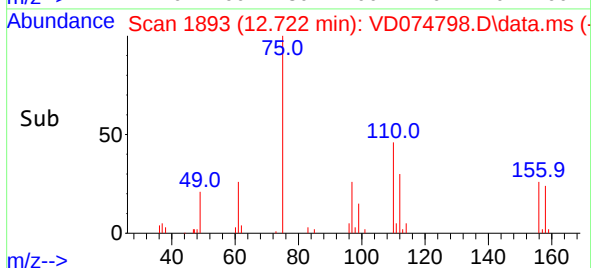
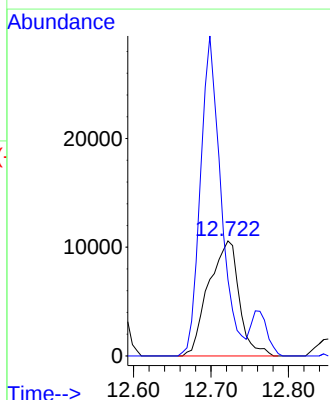
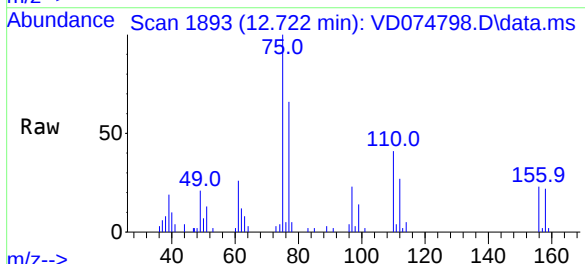
Instrument :  
MSVOA\_D  
ClientSampleId :

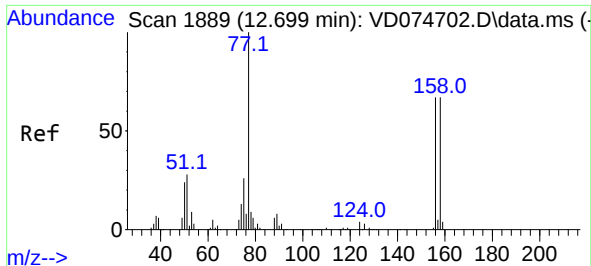
Tgt Ion: 83 Resp: 25412  
Ion Ratio Lower Upper  
83 100  
131 10.4 4.7 14.1  
85 63.4 33.1 99.2



#76  
1,2,3-Trichloropropane  
Concen: 38.616 ug/l  
RT: 12.722 min Scan# 1893  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion: 75 Resp: 29069  
Ion Ratio Lower Upper  
75 100  
77 0.0 185.8 557.5#

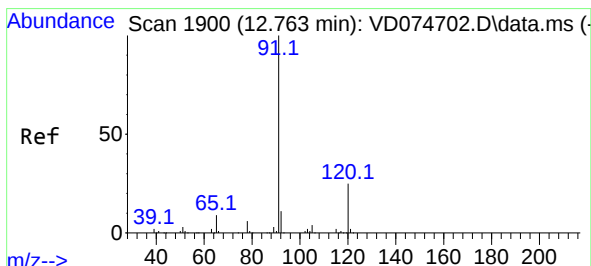
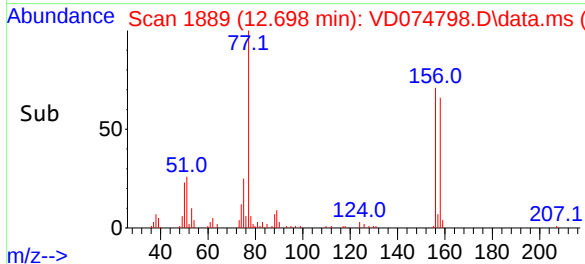
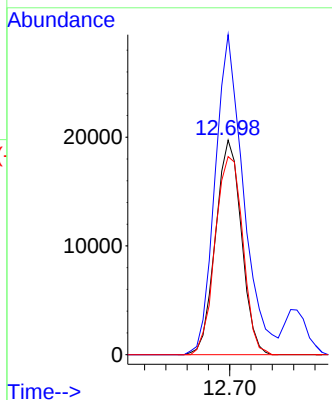
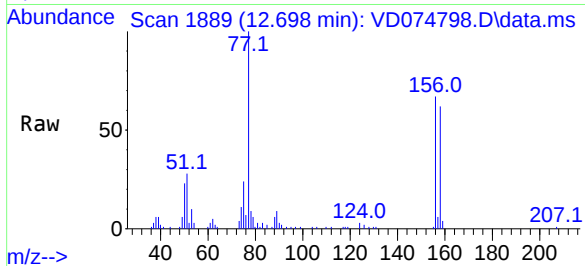




#77  
Bromobenzene  
Concen: 20.430 ug/l  
RT: 12.698 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

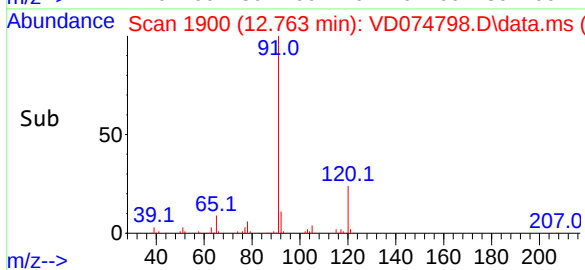
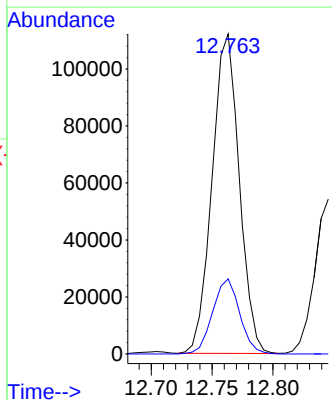
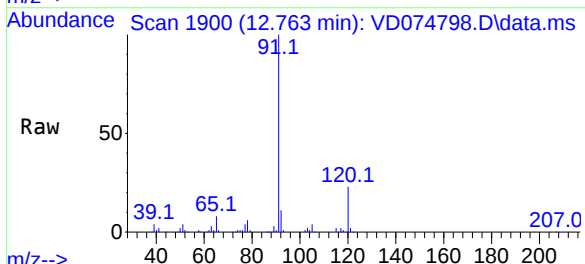
Instrument :  
MSVOA\_D  
ClientSampleId :

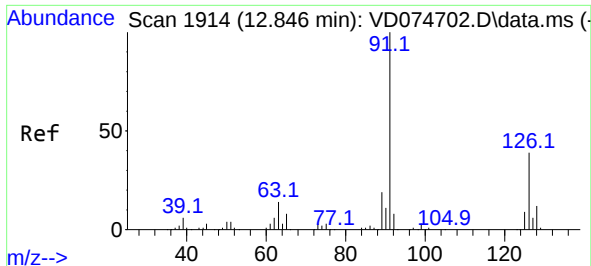
Tgt Ion:156 Resp: 33374  
Ion Ratio Lower Upper  
156 100  
77 163.3 77.7 233.1  
158 98.4 49.4 148.2



#78  
n-propylbenzene  
Concen: 20.479 ug/l  
RT: 12.763 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion: 91 Resp: 174054  
Ion Ratio Lower Upper  
91 100  
120 23.3 11.9 35.7





#79

2-Chlorotoluene

Concen: 20.899 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.005 min

Lab File: VD074798.D

Acq: 08 Nov 2022 12:22

Instrument :

MSVOA\_D

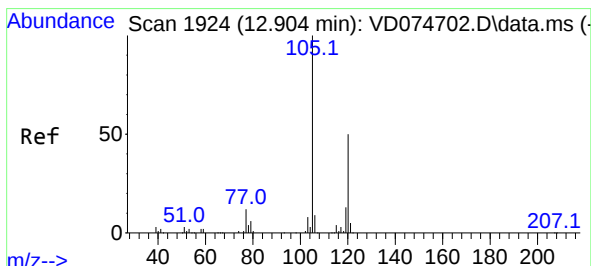
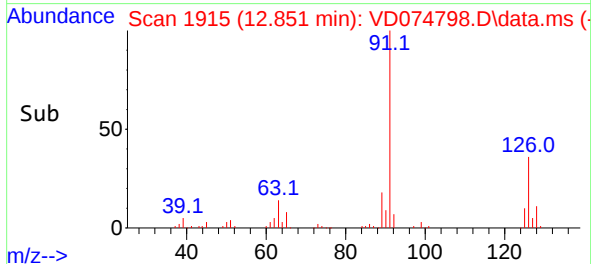
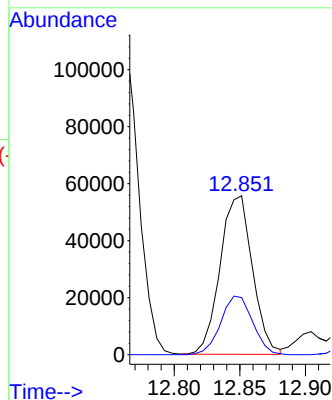
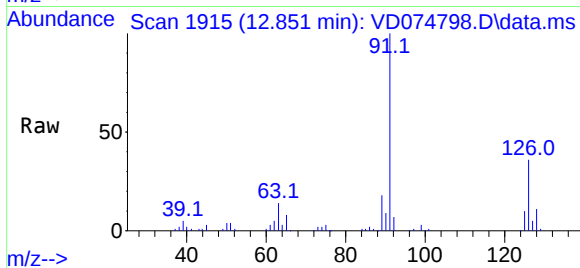
ClientSampleId :

Tgt Ion: 91 Resp: 95644

Ion Ratio Lower Upper

91 100

126 36.4 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 20.578 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD074798.D

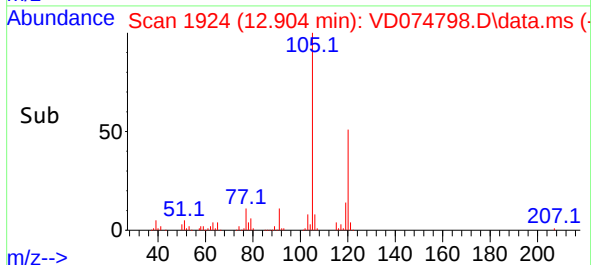
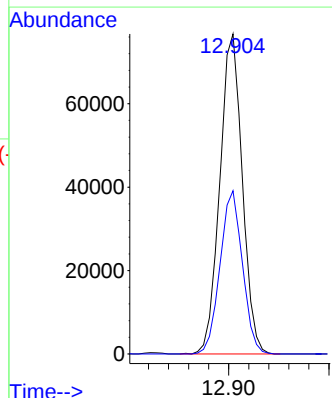
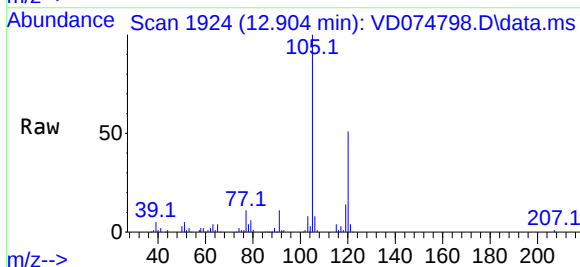
Acq: 08 Nov 2022 12:22

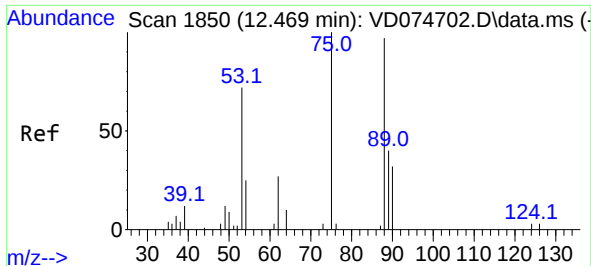
Tgt Ion: 105 Resp: 119111

Ion Ratio Lower Upper

105 100

120 50.8 25.7 77.0

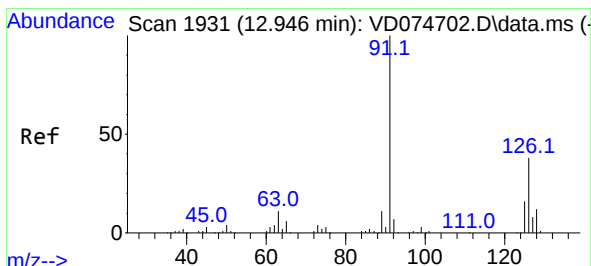
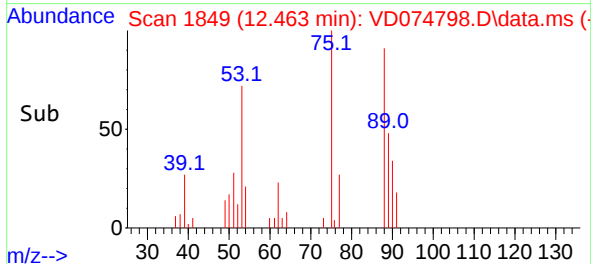
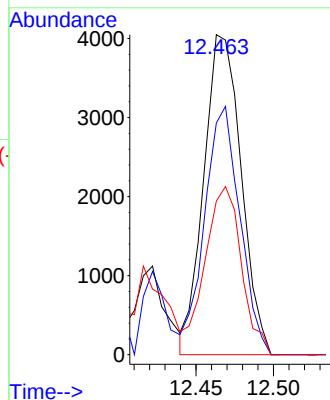
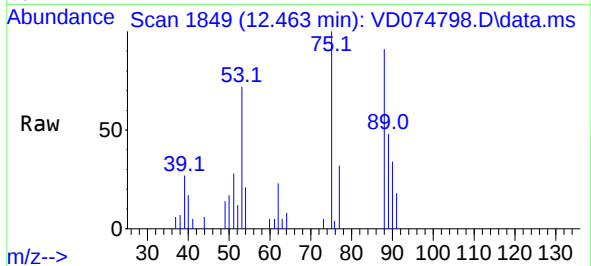




#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.408 ug/l  
RT: 12.463 min Scan# 1849  
Delta R.T. -0.006 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

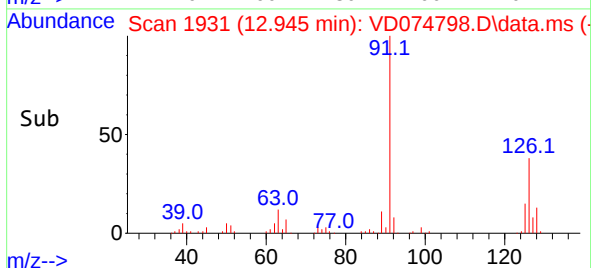
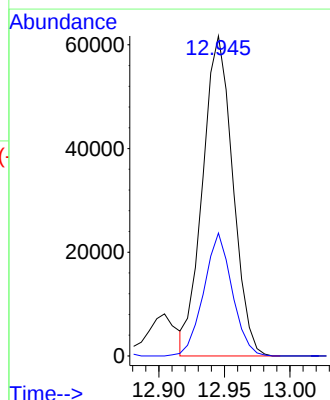
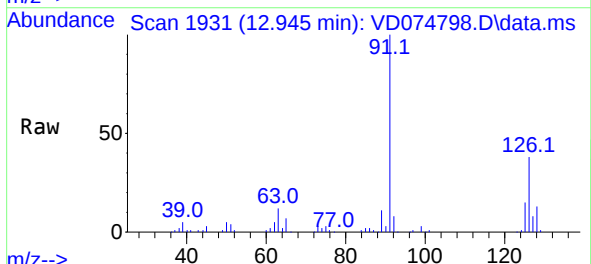
Instrument :  
MSVOA\_D  
ClientSampleId :

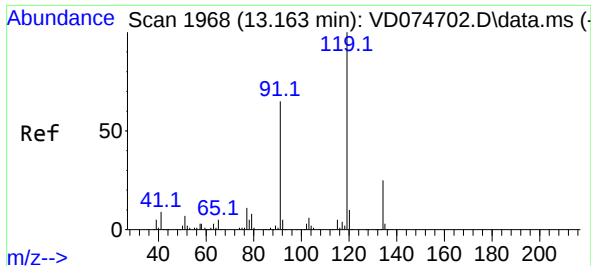
Tgt Ion: 75 Resp: 6789  
Ion Ratio Lower Upper  
75 100  
53 73.2 63.8 95.6  
89 51.2 38.2 57.4



#82  
4-Chlorotoluene  
Concen: 20.762 ug/l  
RT: 12.945 min Scan# 1931  
Delta R.T. -0.001 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion: 91 Resp: 98830  
Ion Ratio Lower Upper  
91 100  
126 36.1 18.8 56.4

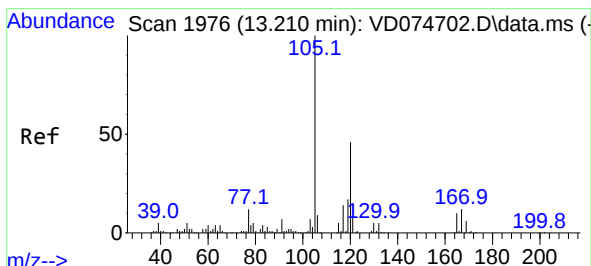
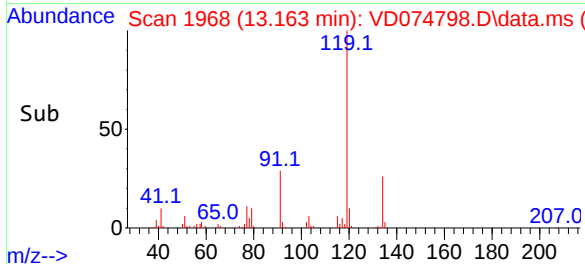
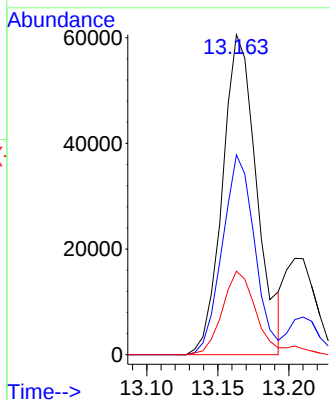
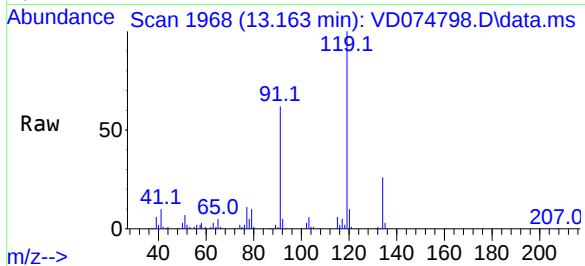




#83  
tert-Butylbenzene  
Concen: 19.962 ug/l  
RT: 13.163 min Scan# 1968  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

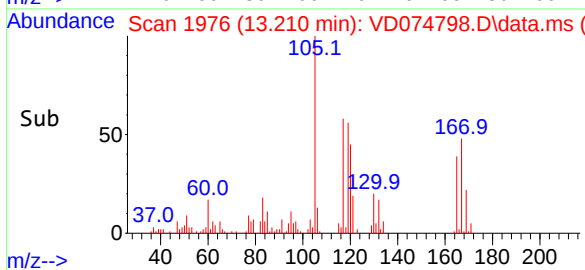
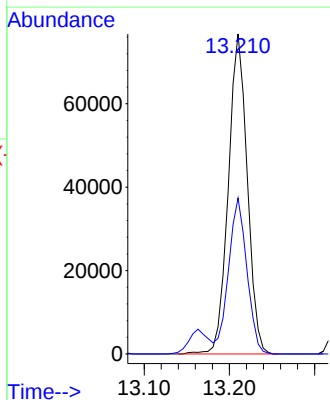
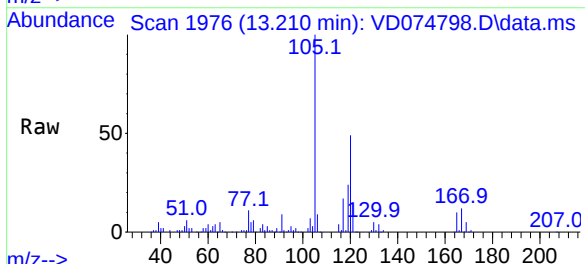
Instrument :  
MSVOA\_D  
ClientSampleId :

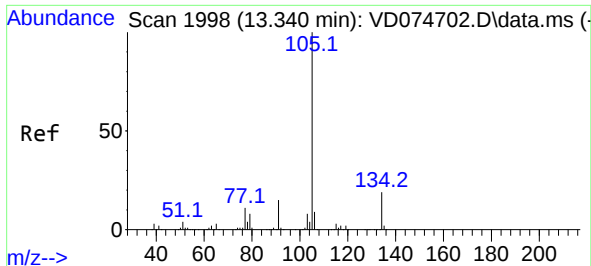
Tgt Ion:119 Resp: 101825  
Ion Ratio Lower Upper  
119 100  
91 59.0 30.0 90.0  
134 26.7 13.4 40.1



#84  
1,2,4-Trimethylbenzene  
Concen: 20.730 ug/l  
RT: 13.210 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

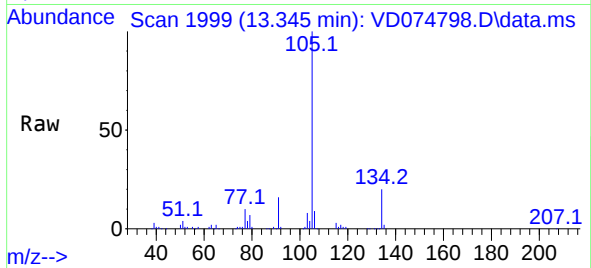
Tgt Ion:105 Resp: 118396  
Ion Ratio Lower Upper  
105 100  
120 47.3 22.9 68.7



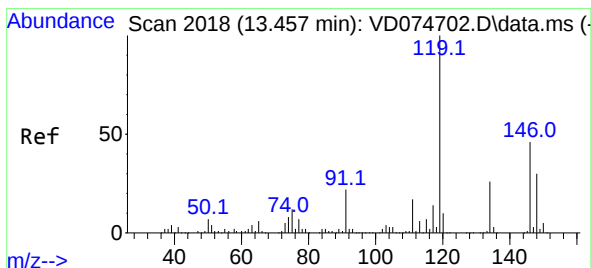
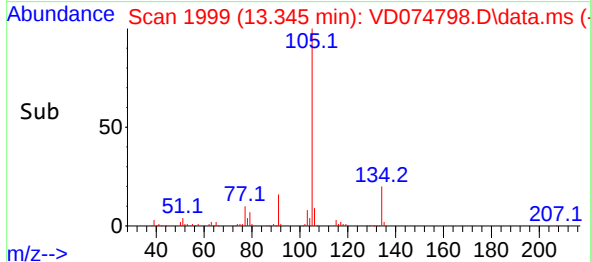
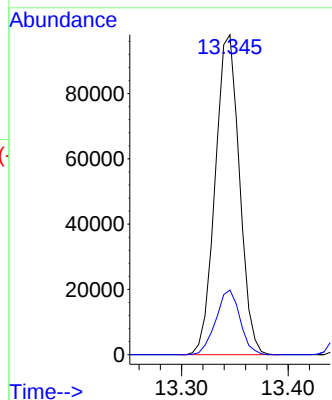


#85  
sec-Butylbenzene  
Concen: 20.121 ug/l  
RT: 13.345 min Scan# 1999  
Delta R.T. 0.005 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Instrument :  
MSVOA\_D  
ClientSampleId :

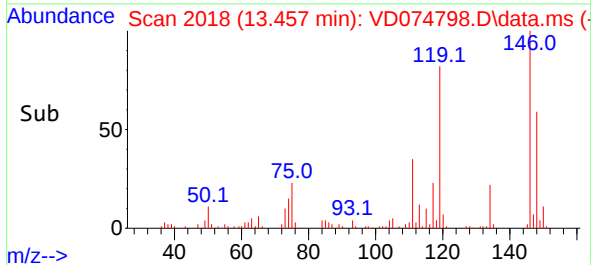
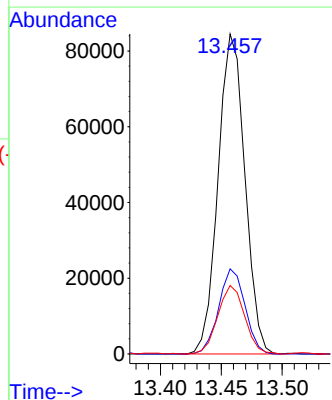
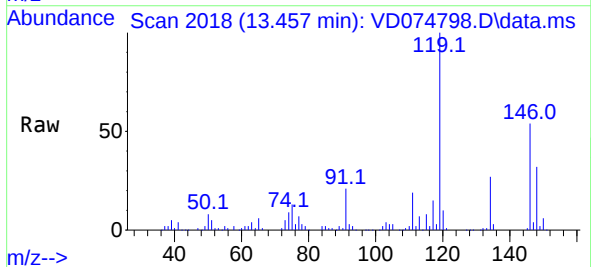


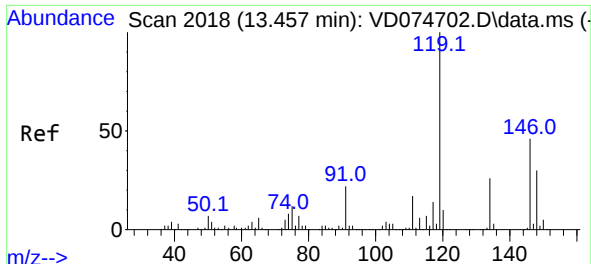
Tgt Ion:105 Resp: 154846  
Ion Ratio Lower Upper  
105 100  
134 20.1 10.0 30.0



#86  
p-Isopropyltoluene  
Concen: 19.967 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion:119 Resp: 129410  
Ion Ratio Lower Upper  
119 100  
134 26.1 13.5 40.4  
91 21.4 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 20.924 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD074798.D

Acq: 08 Nov 2022 12:22

Instrument :

MSVOA\_D

ClientSampleId :

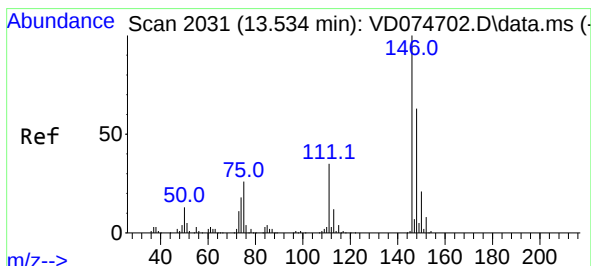
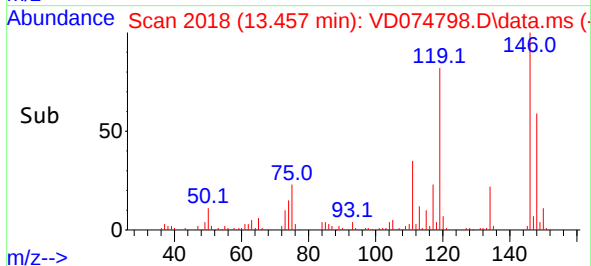
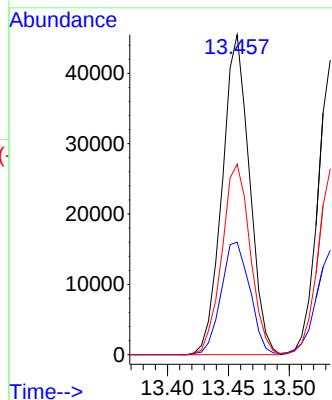
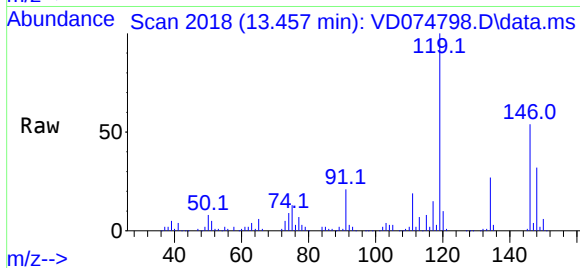
Tgt Ion:146 Resp: 70875

Ion Ratio Lower Upper

146 100

111 37.2 18.3 54.8

148 62.0 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.576 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD074798.D

Acq: 08 Nov 2022 12:22

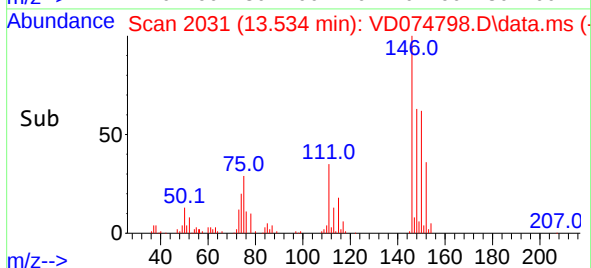
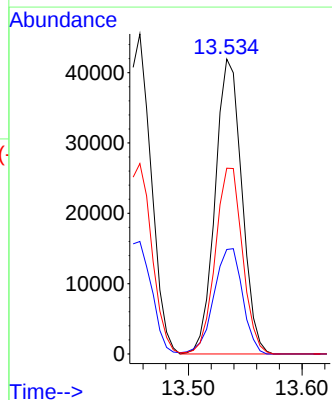
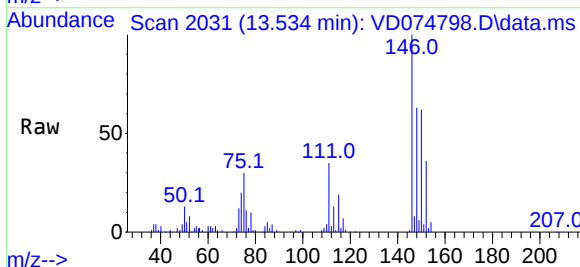
Tgt Ion:146 Resp: 68514

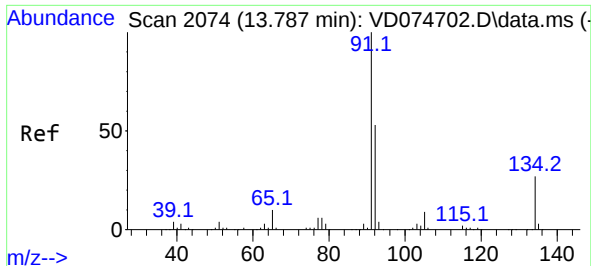
Ion Ratio Lower Upper

146 100

111 38.4 17.7 53.1

148 64.2 32.3 96.9

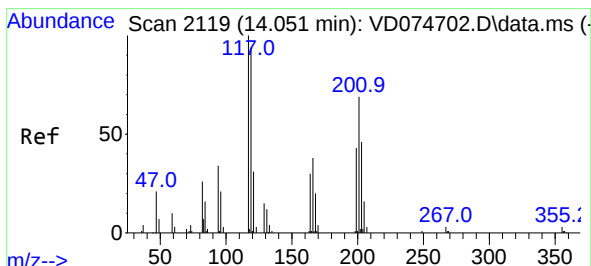
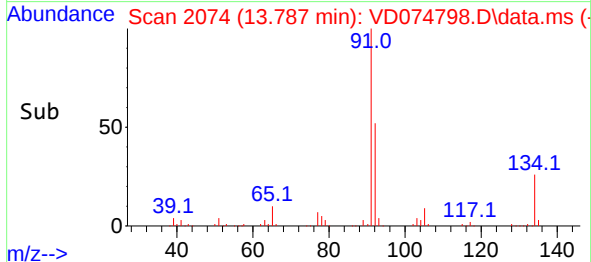
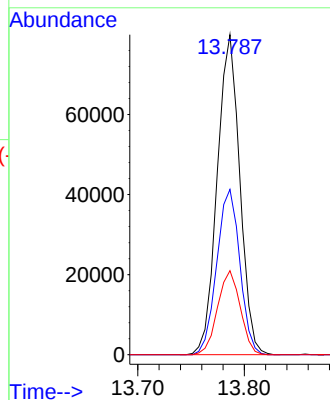
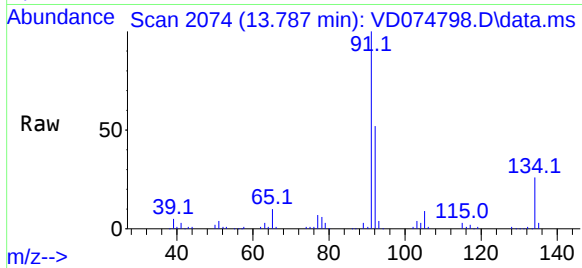




#89  
n-Butylbenzene  
Concen: 19.855 ug/l  
RT: 13.787 min Scan# 2074  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

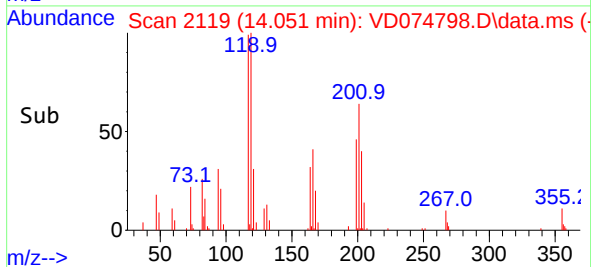
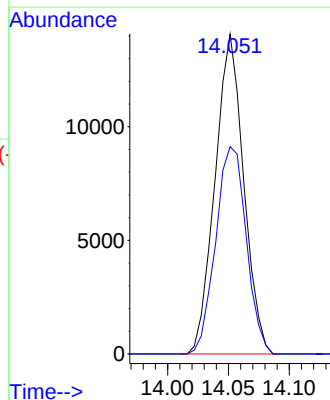
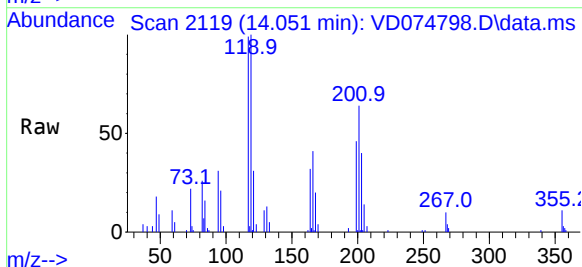
Instrument :  
MSVOA\_D  
ClientSampleId :

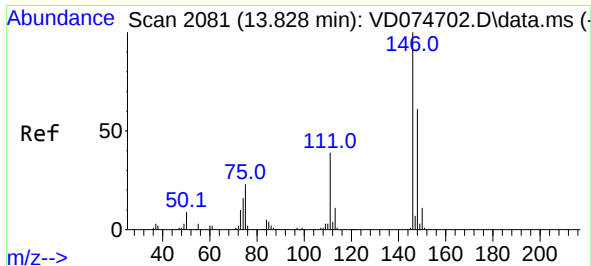
Tgt Ion: 91 Resp: 117691  
Ion Ratio Lower Upper  
91 100  
92 52.7 26.9 80.7  
134 26.3 13.4 40.2



#90  
Hexachloroethane  
Concen: 20.693 ug/l  
RT: 14.051 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion: 117 Resp: 22994  
Ion Ratio Lower Upper  
117 100  
201 69.3 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 21.035 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

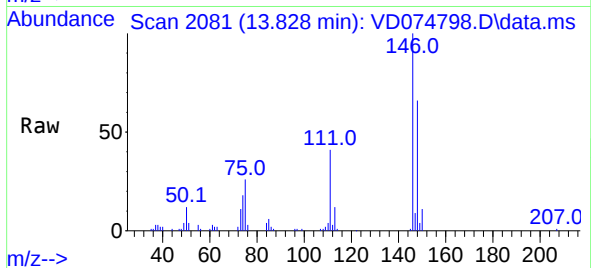
Lab File: VD074798.D

Acq: 08 Nov 2022 12:22

Instrument :

MSVOA\_D

ClientSampleId :



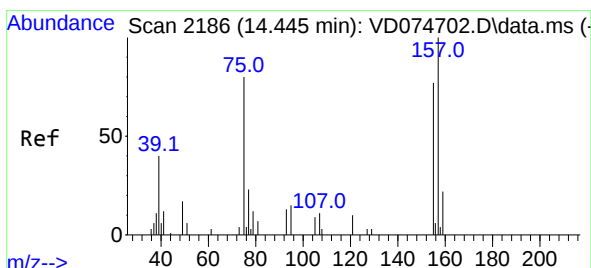
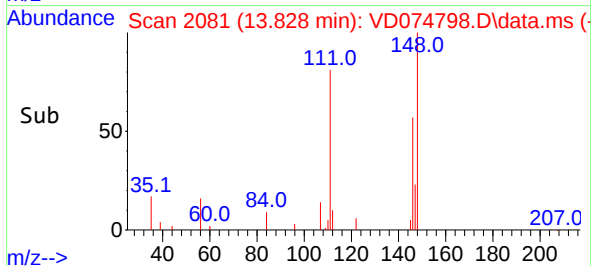
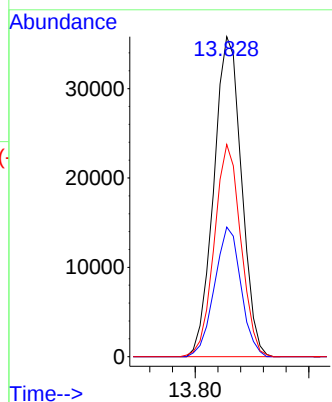
Tgt Ion:146 Resp: 60689

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

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

|     |      |      |      |
|-----|------|------|------|
| 111 | 38.7 | 18.9 | 56.5 |
|-----|------|------|------|

|     |      |      |      |
|-----|------|------|------|
| 148 | 63.6 | 31.9 | 95.5 |
|-----|------|------|------|



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.770 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD074798.D

Acq: 08 Nov 2022 12:22

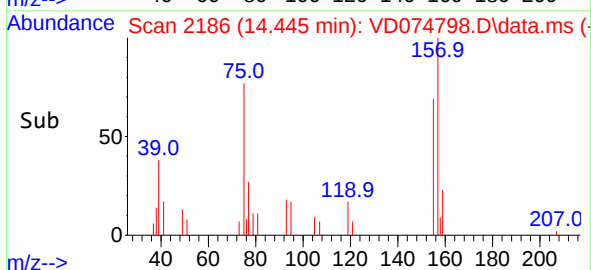
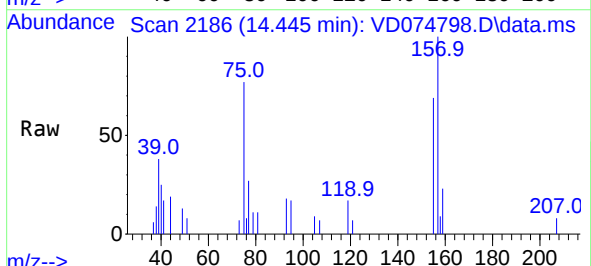
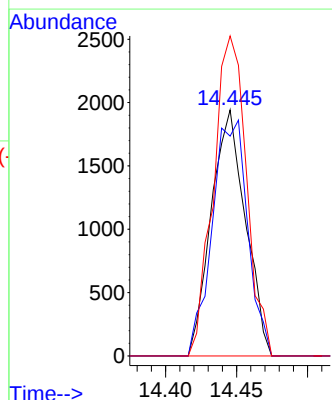
Tgt Ion: 75 Resp: 3258

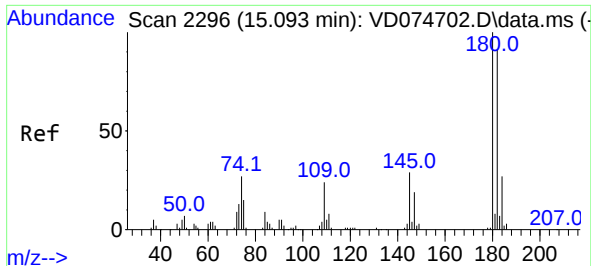
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

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

|     |      |      |       |
|-----|------|------|-------|
| 155 | 99.0 | 51.2 | 153.8 |
|-----|------|------|-------|

|     |       |      |       |
|-----|-------|------|-------|
| 157 | 125.9 | 68.2 | 204.5 |
|-----|-------|------|-------|

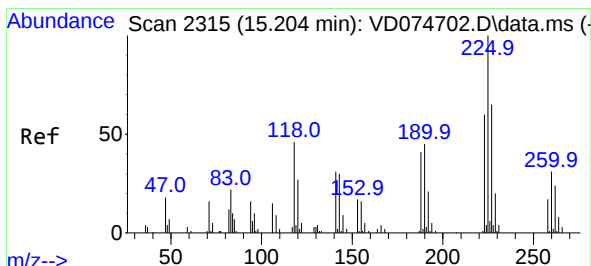
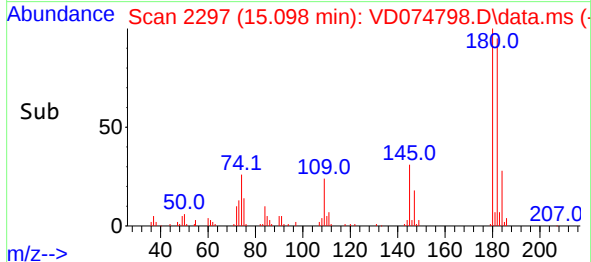
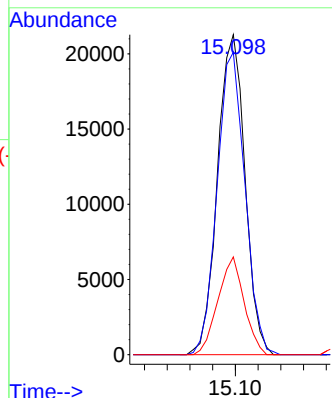
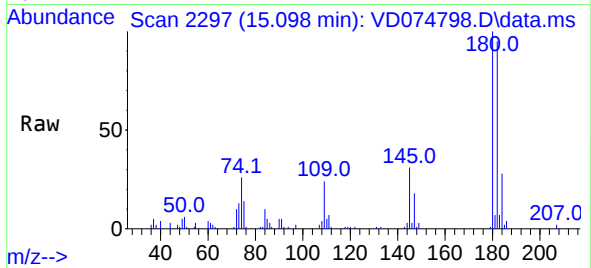




#93  
1,2,4-Trichlorobenzene  
Concen: 20.076 ug/l  
RT: 15.098 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

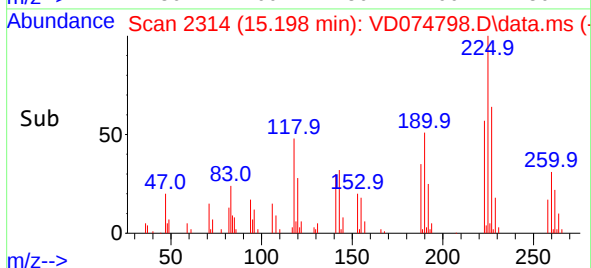
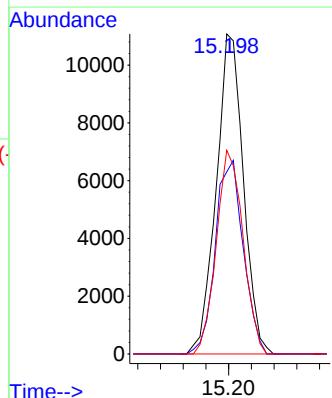
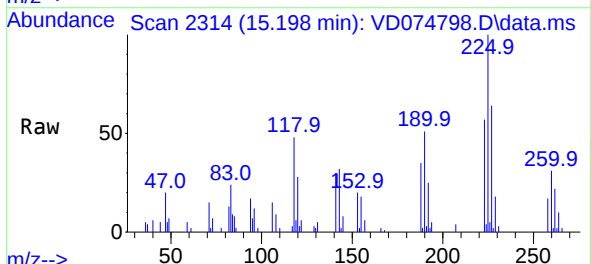
Instrument :  
MSVOA\_D  
ClientSampleId :

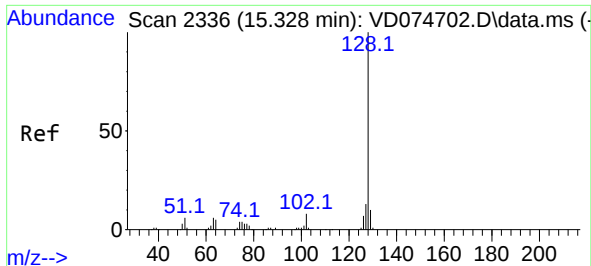
Tgt Ion:180 Resp: 35762  
Ion Ratio Lower Upper  
180 100  
182 95.6 46.9 140.6  
145 29.0 14.1 42.3



#94  
Hexachlorobutadiene  
Concen: 19.726 ug/l  
RT: 15.198 min Scan# 2314  
Delta R.T. -0.006 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Tgt Ion:225 Resp: 18382  
Ion Ratio Lower Upper  
225 100  
223 62.3 31.9 95.5  
227 62.7 32.6 97.8

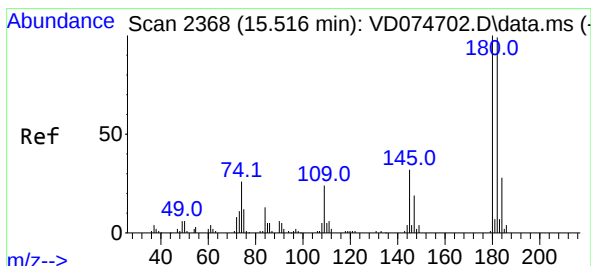
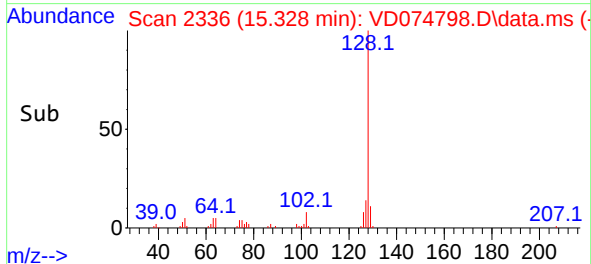
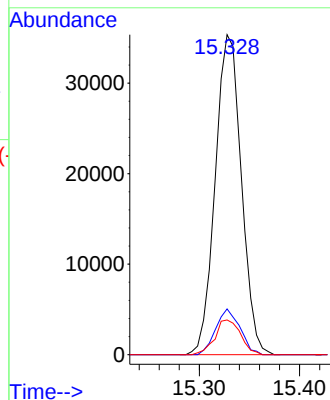
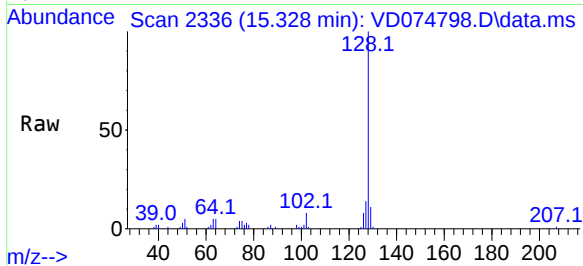




#95  
Naphthalene  
Concen: 18.663 ug/l  
RT: 15.328 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

Instrument :  
MSVOA\_D  
ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:128 | Resp: | 63857       |
| Ion         | Ratio | Lower Upper |
| 128         | 100   |             |
| 127         | 13.3  | 10.6 16.0   |
| 129         | 10.7  | 8.3 12.5    |



#96  
1,2,3-Trichlorobenzene  
Concen: 19.893 ug/l  
RT: 15.516 min Scan# 2368  
Delta R.T. -0.000 min  
Lab File: VD074798.D  
Acq: 08 Nov 2022 12:22

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:180 | Resp: | 31181       |
| Ion         | Ratio | Lower Upper |
| 180         | 100   |             |
| 182         | 92.4  | 46.7 140.1  |
| 145         | 28.5  | 14.9 44.7   |

