

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102721\  
 Data File : VD070879.D  
 Acq On : 27 Oct 2021 23:48  
 Operator : VA/SY  
 Sample : VD1026SBS02  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 28 04:04:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D102621S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 27 05:34:47 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.973  | 168  | 495862   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 774599   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 747605   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.561 | 152  | 383991   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 203380   | 40.781   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 81.560%  |
| 35) Dibromofluoromethane    | 7.909  | 113   | 259895   | 50.887   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 101.780% |
| 50) Toluene-d8              | 10.332 | 98    | 984254   | 51.224   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 102.440% |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 336931   | 53.146   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 106.300% |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        | Qvalue |        |     |
| 2) Dichlorodifluoromethane   | 1.985 | 85  | 67135  | 14.599 | ug/l   | 96  |
| 3) Chloromethane             | 2.209 | 50  | 78804  | 12.108 | ug/l   | 93  |
| 4) Vinyl Chloride            | 2.344 | 62  | 86710  | 12.043 | ug/l   | 95  |
| 5) Bromomethane              | 2.750 | 94  | 79721  | 14.802 | ug/l   | 99  |
| 6) Chloroethane              | 2.915 | 64  | 60768  | 13.661 | ug/l # | 83  |
| 7) Trichlorofluoromethane    | 3.268 | 101 | 131256 | 14.801 | ug/l   | 100 |
| 8) Diethyl Ether             | 3.709 | 74  | 40524  | 16.494 | ug/l   | 83  |
| 9) 1,1,2-Trichlorotrifluo... | 4.091 | 101 | 88377  | 15.462 | ug/l   | 91  |
| 10) Methyl Iodide            | 4.291 | 142 | 91585  | 17.754 | ug/l   | 92  |
| 11) Tert butyl alcohol       | 5.215 | 59  | 22346  | 84.309 | ug/l # | 83  |
| 12) 1,1-Dichloroethene       | 4.068 | 96  | 84538  | 16.896 | ug/l # | 79  |
| 13) Acrolein                 | 3.920 | 56  | 15674  | 65.945 | ug/l   | 96  |
| 14) Allyl chloride           | 4.715 | 41  | 105883 | 13.509 | ug/l # | 90  |
| 15) Acrylonitrile            | 5.415 | 53  | 87792  | 74.598 | ug/l   | 97  |
| 16) Acetone                  | 4.150 | 43  | 54903  | 47.319 | ug/l   | 88  |
| 17) Carbon Disulfide         | 4.409 | 76  | 255395 | 14.439 | ug/l   | 95  |
| 18) Methyl Acetate           | 4.715 | 43  | 60306  | 15.161 | ug/l # | 84  |
| 19) Methyl tert-butyl Ether  | 5.473 | 73  | 172704 | 16.594 | ug/l   | 94  |
| 20) Methylene Chloride       | 4.956 | 84  | 140692 | 18.450 | ug/l   | 85  |
| 21) trans-1,2-Dichloroethene | 5.467 | 96  | 102193 | 17.236 | ug/l   | 86  |
| 22) Diisopropyl ether        | 6.362 | 45  | 231395 | 14.237 | ug/l # | 94  |
| 23) Vinyl Acetate            | 6.303 | 43  | 396868 | 59.969 | ug/l # | 90  |
| 24) 1,1-Dichloroethane       | 6.262 | 63  | 164850 | 15.048 | ug/l   | 97  |
| 25) 2-Butanone               | 7.203 | 43  | 86515  | 60.582 | ug/l   | 97  |
| 26) 2,2-Dichloropropane      | 7.203 | 77  | 120585 | 13.796 | ug/l   | 93  |
| 27) cis-1,2-Dichloroethene   | 7.209 | 96  | 113958 | 17.935 | ug/l   | 86  |
| 28) Bromochloromethane       | 7.544 | 49  | 64240  | 14.954 | ug/l # | 70  |
| 29) Tetrahydrofuran          | 7.561 | 42  | 58667  | 67.999 | ug/l # | 85  |
| 30) Chloroform               | 7.703 | 83  | 179667 | 16.340 | ug/l   | 97  |
| 31) Cyclohexane              | 7.979 | 56  | 130202 | 12.813 | ug/l # | 78  |
| 32) 1,1,1-Trichloroethane    | 7.903 | 97  | 146599 | 15.611 | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 8.108 | 75  | 125827 | 15.526 | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.291 | 43  | 42789  | 14.200 | ug/l # | 94  |
| 38) Carbon Tetrachloride     | 8.091 | 117 | 129259 | 15.860 | ug/l # | 92  |
| 39) Methylcyclohexane        | 9.350 | 83  | 140905 | 15.109 | ug/l   | 91  |
| 40) Benzene                  | 8.350 | 78  | 406106 | 17.235 | ug/l   | 99  |

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 Operator : VA/SY  
 Sample : VD1026SBS02  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 28 04:04:19 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D102621S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 27 05:34:47 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.520  | 41   | 23400    | 14.680  | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 89949    | 14.994  | ug/l   | 90       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 79273    | 14.153  | ug/l # | 92       |
| 44) Trichloroethene           | 9.108  | 130  | 114896   | 18.874  | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 100155   | 16.033  | ug/l   | 100      |
| 46) Dibromomethane            | 9.473  | 93   | 53124    | 17.346  | ug/l # | 85       |
| 47) Bromodichloromethane      | 9.655  | 83   | 134535   | 16.993  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.450  | 41   | 37581    | 14.043  | ug/l # | 85       |
| 49) 1,4-Dioxane               | 9.455  | 88   | 11867    | 363.046 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 213554   | 72.709  | ug/l   | 92       |
| 52) Toluene                   | 10.397 | 92   | 270600   | 19.109  | ug/l   | 93       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 111836   | 16.208  | ug/l   | 89       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 142436   | 16.719  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane     | 10.791 | 97   | 81333    | 18.725  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 79608    | 16.950  | ug/l # | 87       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 127225   | 17.384  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.938  | 63   | 182810   | 88.530  | ug/l # | 89       |
| 59) 2-Hexanone                | 10.973 | 43   | 142795   | 68.105  | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.132 | 129  | 96444    | 18.505  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 76751    | 19.143  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.867 | 164  | 104756   | 20.423  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.661 | 112  | 292629   | 19.079  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.738 | 131  | 107954   | 18.973  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.738 | 91   | 460245   | 17.232  | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.844 | 106  | 394443   | 37.928  | ug/l   | 94       |
| 69) o-Xylene                  | 12.173 | 106  | 174494   | 18.525  | ug/l   | 94       |
| 70) Styrene                   | 12.185 | 104  | 313413   | 19.212  | ug/l   | 96       |
| 71) Bromoform                 | 12.349 | 173  | 63266    | 21.041  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.467 | 105  | 451296   | 17.620  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.279 | 43   | 75203    | 13.351  | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 88313    | 16.897  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.773 | 75   | 100453   | 26.574  | ug/l # | 1        |
| 77) Bromobenzene              | 12.749 | 156  | 129204   | 20.704  | ug/l   | 82       |
| 78) n-propylbenzene           | 12.808 | 91   | 552511   | 16.807  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 12.896 | 91   | 327766   | 17.171  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 385676   | 17.743  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.514 | 75   | 22658    | 15.732  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 12.996 | 91   | 341572   | 17.219  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 13.214 | 119  | 324634   | 17.910  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 391126   | 18.250  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.391 | 105  | 482855   | 16.890  | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 409068   | 17.786  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 248908   | 19.315  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 240659   | 18.831  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.832 | 91   | 348989   | 15.486  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.096 | 117  | 85785    | 16.621  | ug/l   | 81       |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 213869   | 19.449  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.491 | 75   | 12423    | 16.315  | ug/l   | 83       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 124235   | 19.553  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 81808    | 19.542  | ug/l   | 98       |
| 95) Naphthalene               | 15.385 | 128  | 192410   | 18.763  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.579 | 180  | 109246   | 19.786  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102721\  
Data File : VD070879.D  
Acq On : 27 Oct 2021 23:48  
Operator : VA/SY  
Sample : VD1026SBS02  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 31 Sample Multiplier: 1

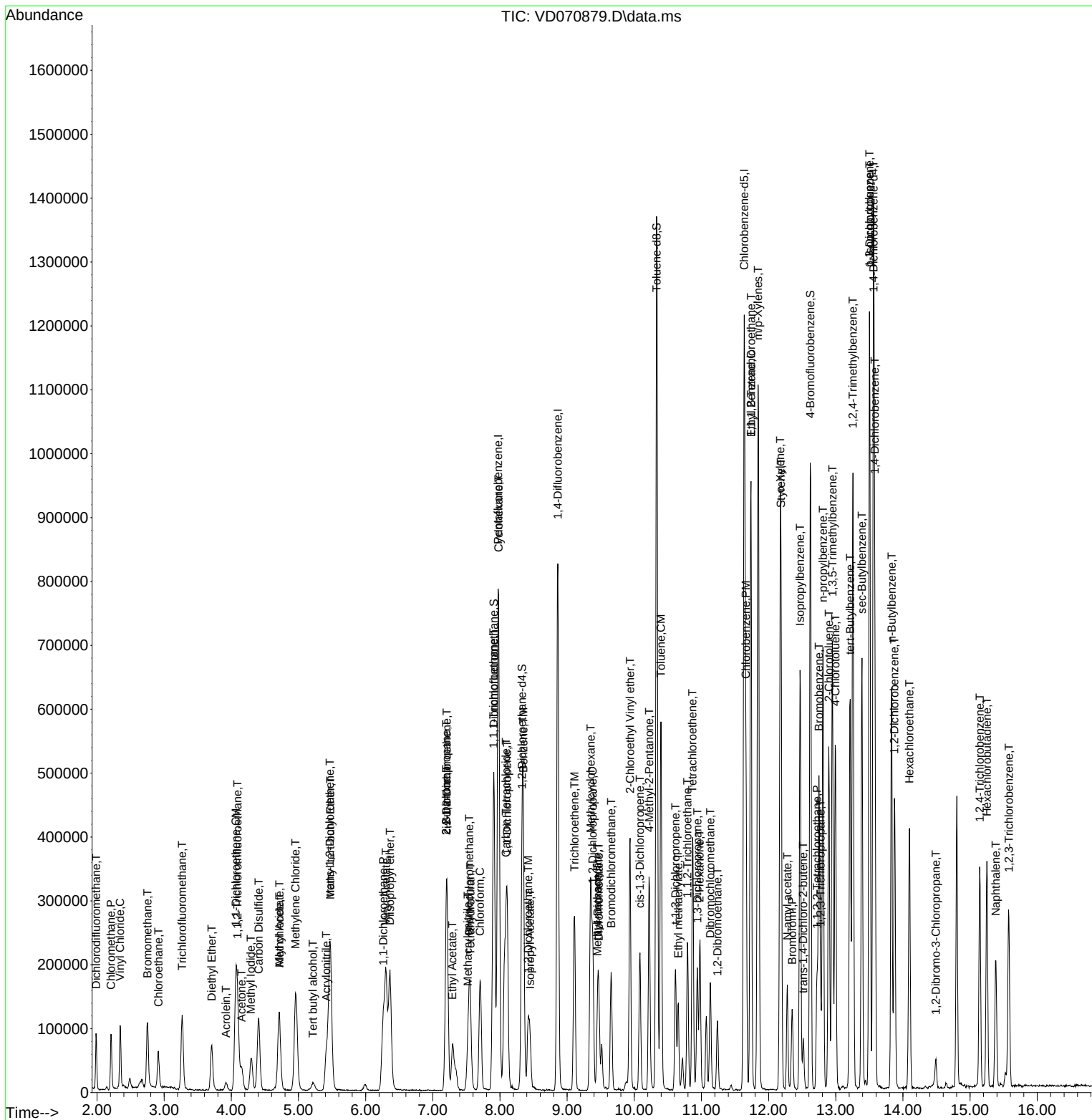
Instrument :  
MSVOA\_D  
ClientSampleId :

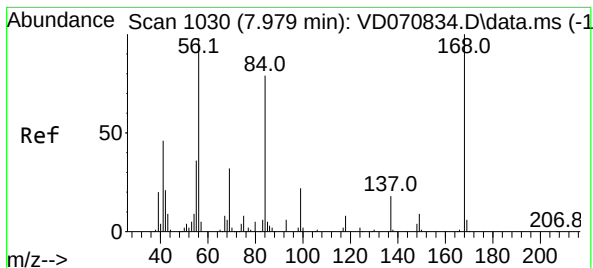
Quant Time: Oct 28 04:04:19 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D102621S.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 27 05:34:47 2021  
Response via : Initial Calibration

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

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

Quant Time: Oct 28 04:04:19 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D102621S.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 27 05:34:47 2021  
Response via : Initial Calibration

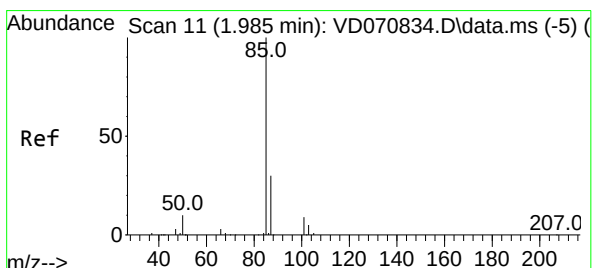
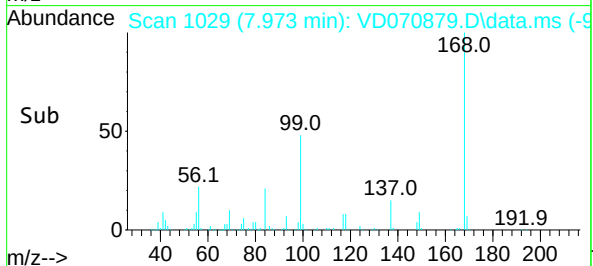
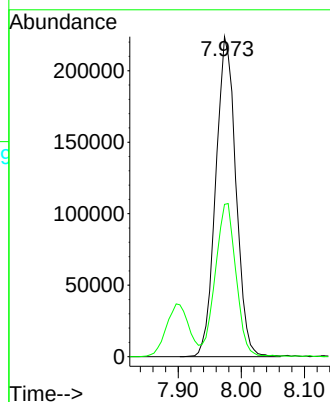
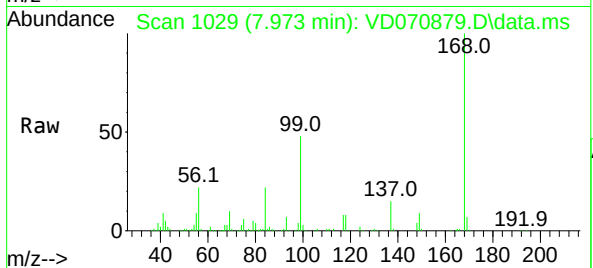




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

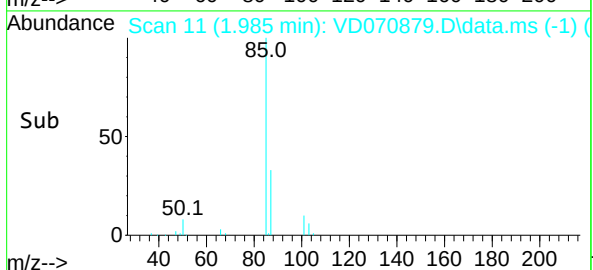
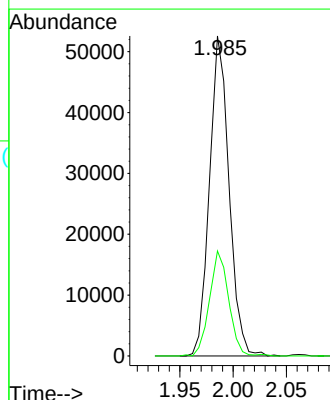
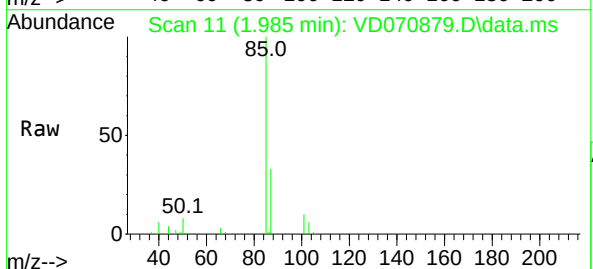
Instrument :  
MSVOA\_D  
ClientSampleId :

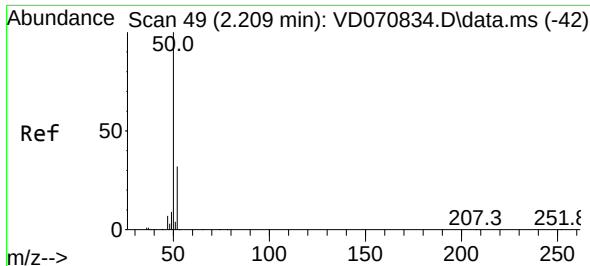
Tgt Ion:168 Resp: 495862  
Ion Ratio Lower Upper  
168 100  
99 47.4 46.6 69.8



#2  
Dichlorodifluoromethane  
Concen: 14.599 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 85 Resp: 67135  
Ion Ratio Lower Upper  
85 100  
87 32.8 15.2 45.6

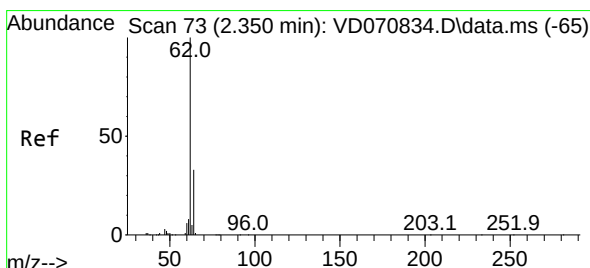
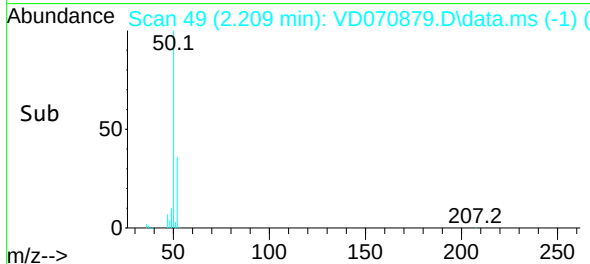
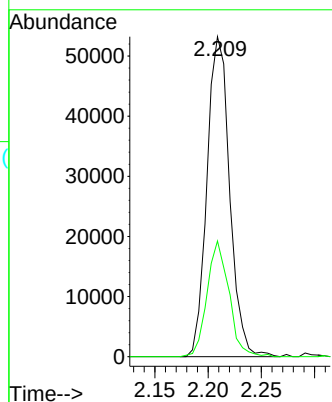
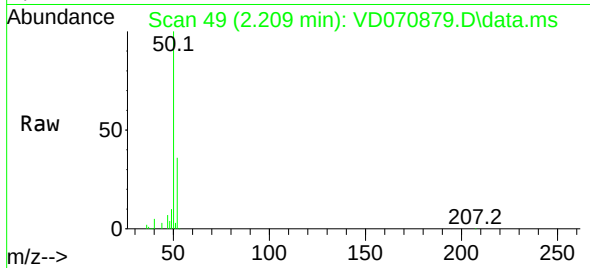




#3  
Chloromethane  
Concen: 12.108 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

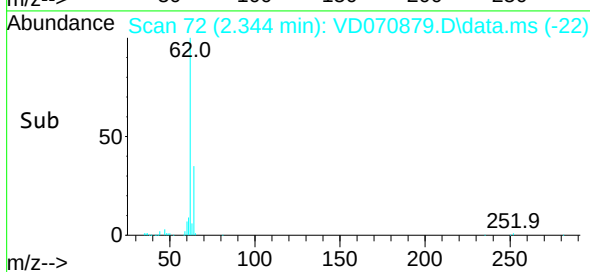
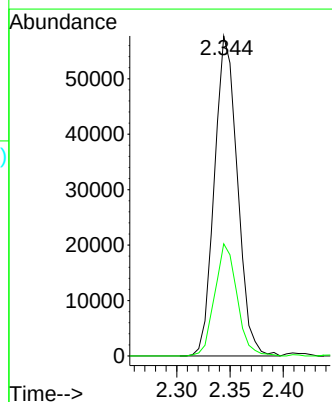
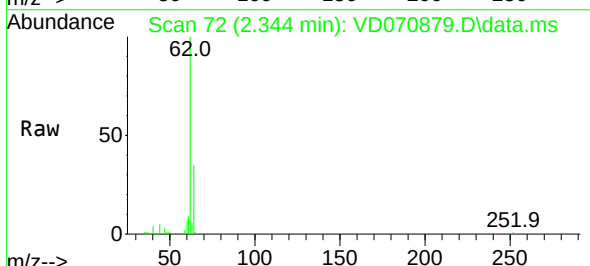
Instrument :  
MSVOA\_D  
ClientSampleId :

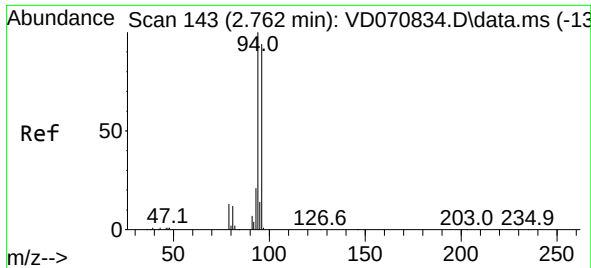
Tgt Ion: 50 Resp: 78804  
Ion Ratio Lower Upper  
50 100  
52 36.1 25.8 38.8



#4  
Vinyl Chloride  
Concen: 12.043 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. -0.006 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 62 Resp: 86710  
Ion Ratio Lower Upper  
62 100  
64 35.1 26.0 39.0

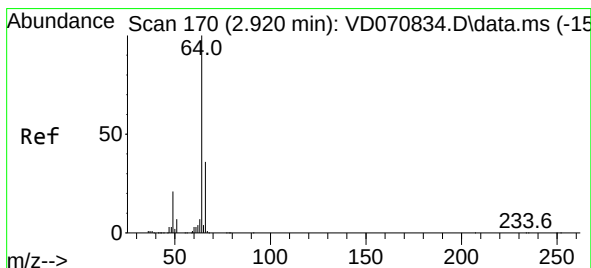
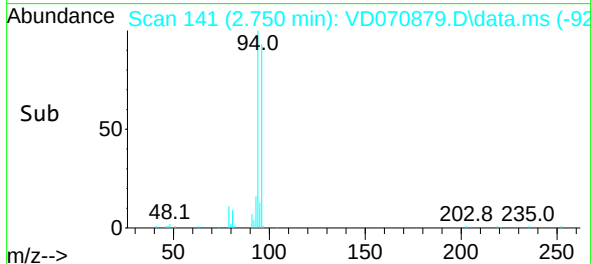
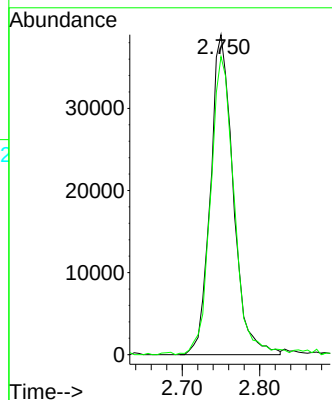
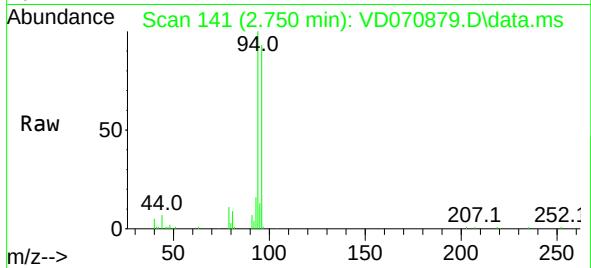




#5  
Bromomethane  
Concen: 14.802 ug/l  
RT: 2.750 min Scan# 141  
Delta R.T. -0.012 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

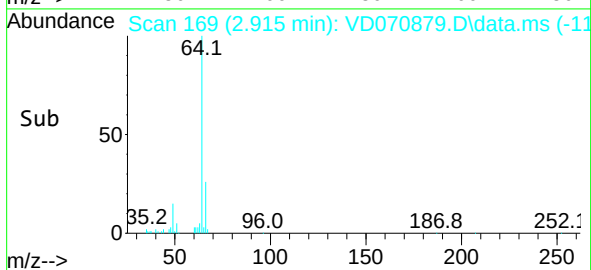
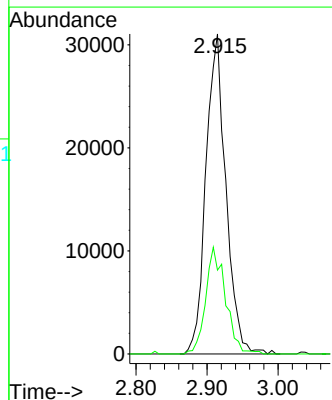
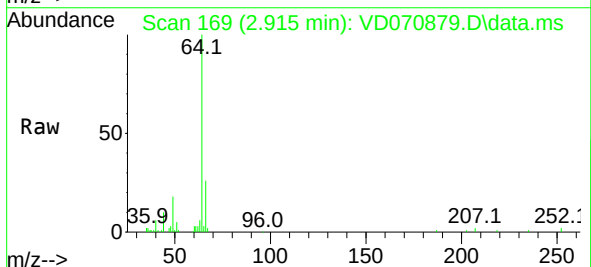
Instrument :  
MSVOA\_D  
ClientSampled :

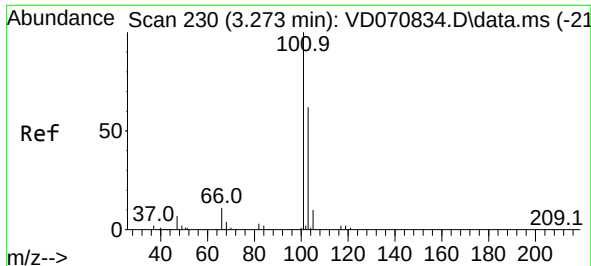
Tgt Ion: 94 Resp: 79721  
Ion Ratio Lower Upper  
94 100  
96 92.7 74.8 112.2



#6  
Chloroethane  
Concen: 13.661 ug/l  
RT: 2.915 min Scan# 169  
Delta R.T. -0.006 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 64 Resp: 60768  
Ion Ratio Lower Upper  
64 100  
66 26.2 29.0 43.4#

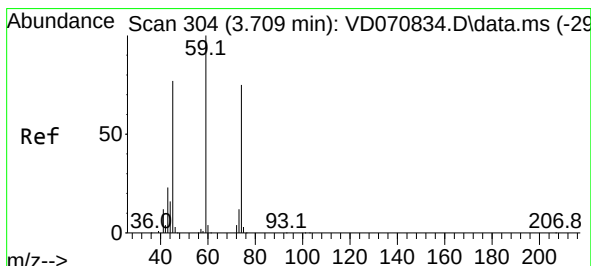
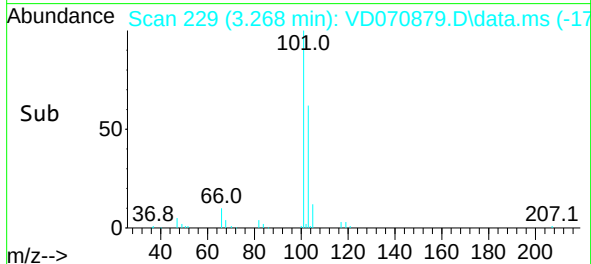
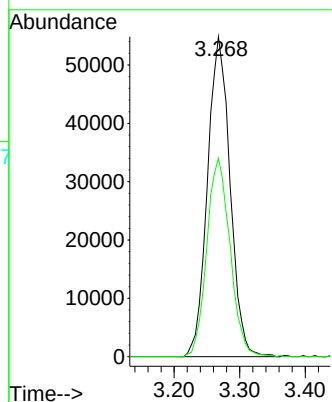
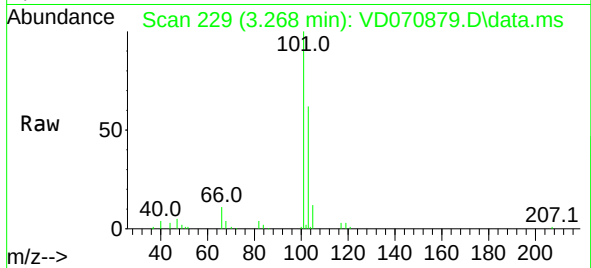




#7  
 Trichlorofluoromethane  
 Concen: 14.801 ug/l  
 RT: 3.268 min Scan# 229  
 Delta R.T. -0.006 min  
 Lab File: VD070879.D  
 Acq: 27 Oct 2021 23:48

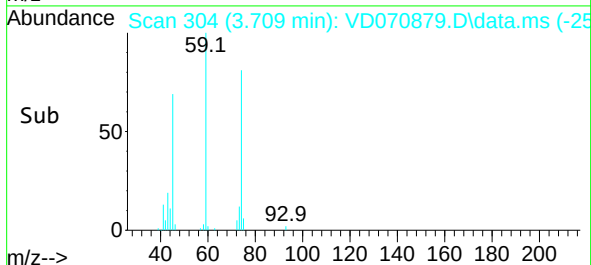
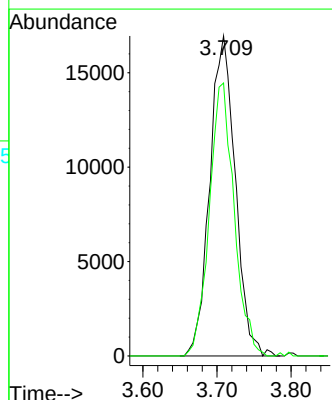
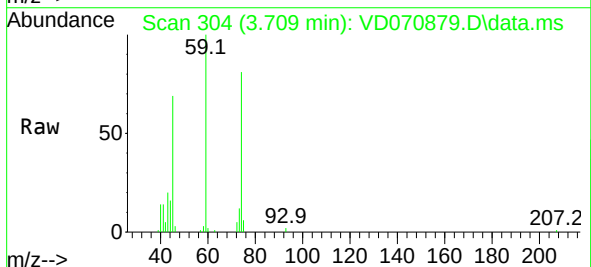
Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tgt Ion:101 Resp: 131256  
 Ion Ratio Lower Upper  
 101 100  
 103 62.0 49.7 74.5

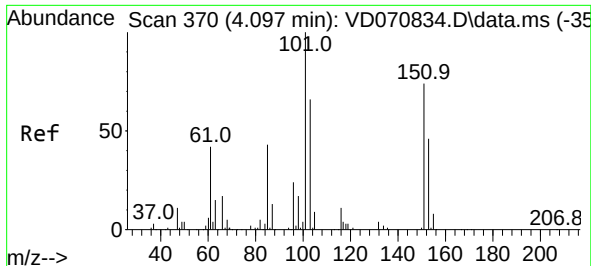


#8  
 Diethyl Ether  
 Concen: 16.494 ug/l  
 RT: 3.709 min Scan# 304  
 Delta R.T. 0.000 min  
 Lab File: VD070879.D  
 Acq: 27 Oct 2021 23:48

Tgt Ion: 74 Resp: 40524  
 Ion Ratio Lower Upper  
 74 100  
 45 82.8 49.6 149.0



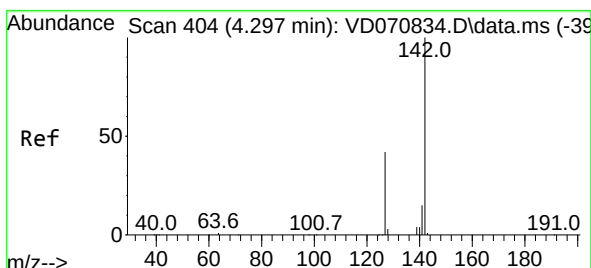
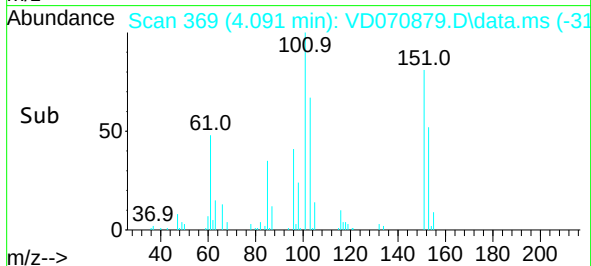
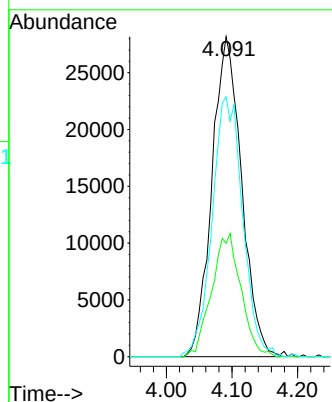
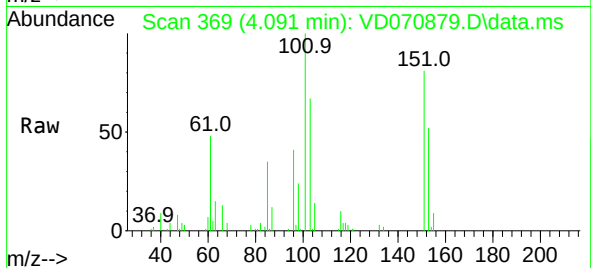




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 15.462 ug/l  
RT: 4.091 min Scan# 369  
Delta R.T. -0.006 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

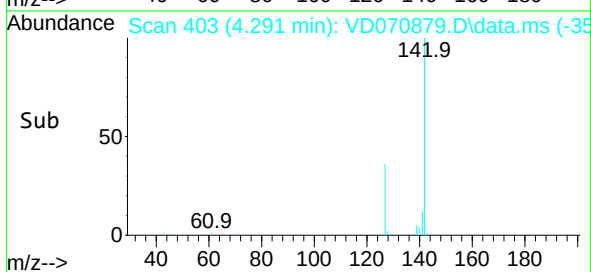
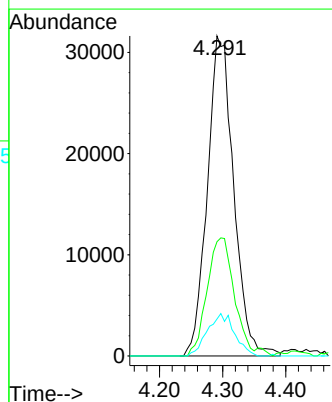
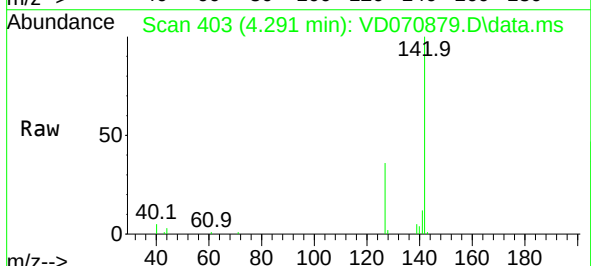
Instrument :  
MSVOA\_D  
ClientSampleId :

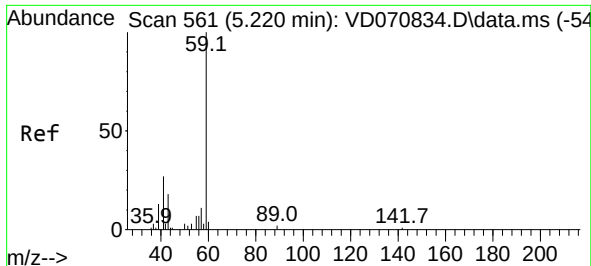
Tgt Ion:101 Resp: 88377  
Ion Ratio Lower Upper  
101 100  
85 38.1 34.8 52.2  
151 83.5 60.4 90.6



#10  
Methyl Iodide  
Concen: 17.754 ug/l  
RT: 4.291 min Scan# 403  
Delta R.T. -0.006 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion:142 Resp: 91585  
Ion Ratio Lower Upper  
142 100  
127 37.8 35.0 52.4  
141 13.6 12.0 18.0

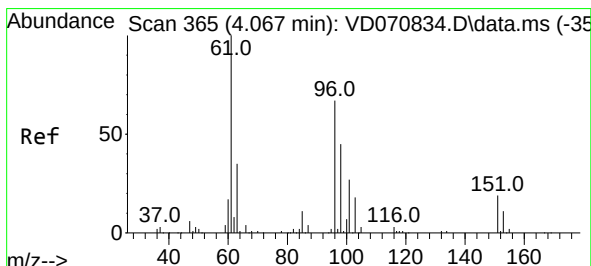
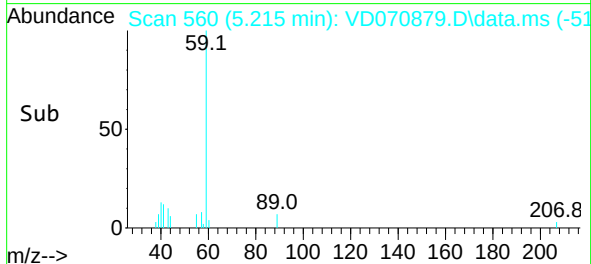
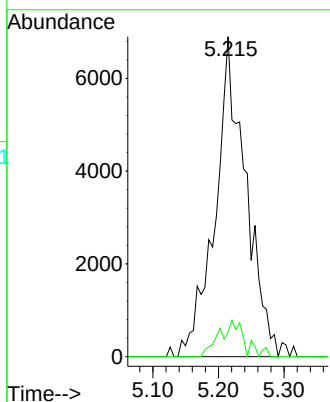
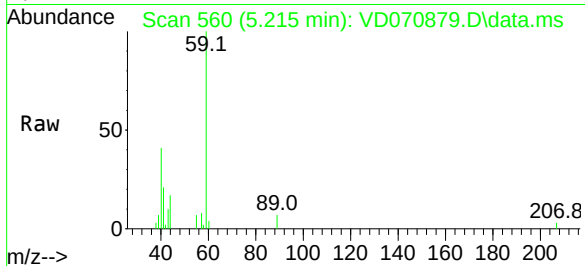




#11  
Tert butyl alcohol  
Concen: 84.309 ug/l  
RT: 5.215 min Scan# 560  
Delta R.T. -0.006 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

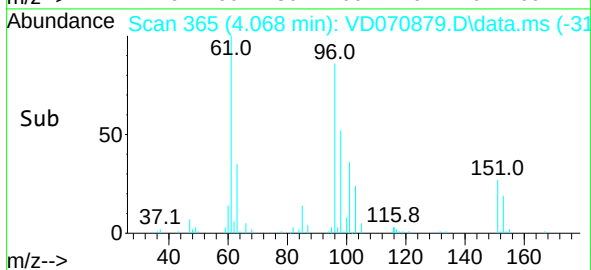
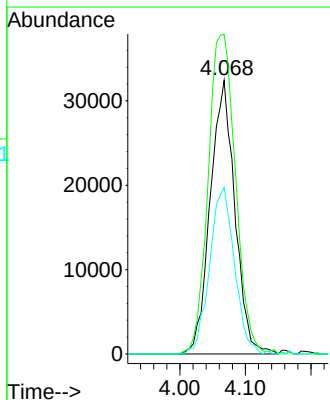
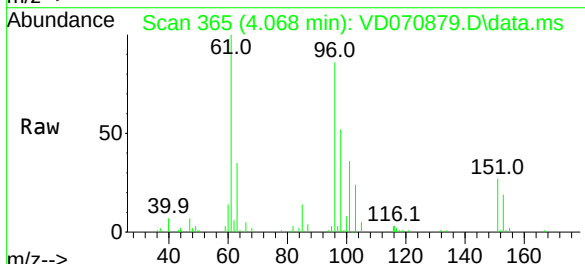
Instrument :  
MSVOA\_D  
ClientSampleId :

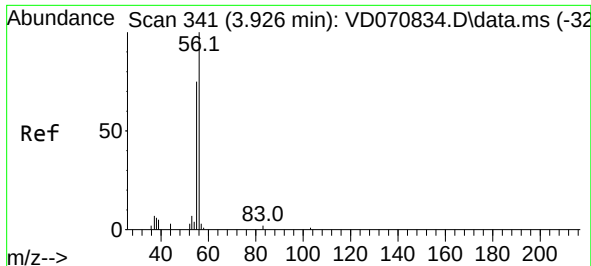
Tgt Ion: 59 Resp: 22346  
Ion Ratio Lower Upper  
59 100  
57 4.8 9.0 13.4#



#12  
1,1-Dichloroethene  
Concen: 16.896 ug/l  
RT: 4.068 min Scan# 365  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

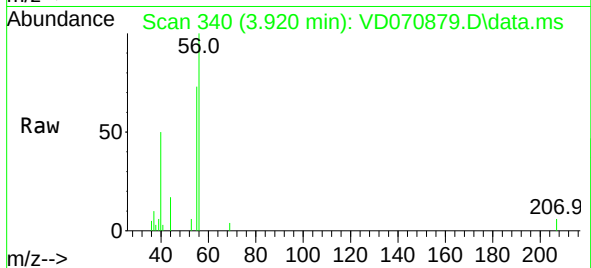
Tgt Ion: 96 Resp: 84538  
Ion Ratio Lower Upper  
96 100  
61 116.9 120.3 180.5#  
98 60.9 54.4 81.6



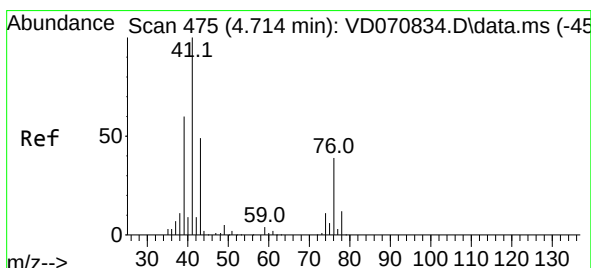
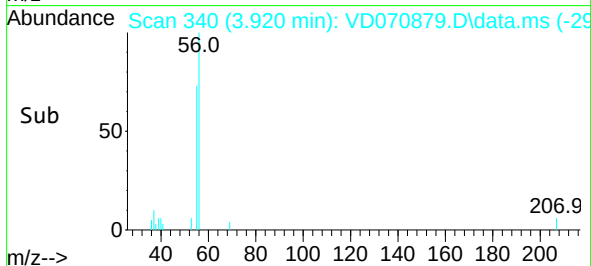
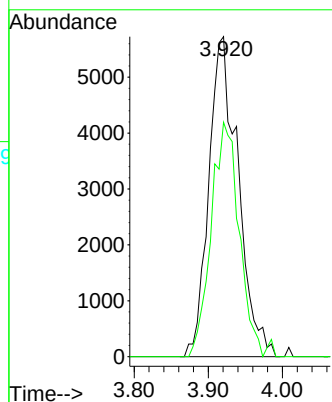


#13  
Acrolein  
Concen: 65.945 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Instrument :  
MSVOA\_D  
ClientSampleId :

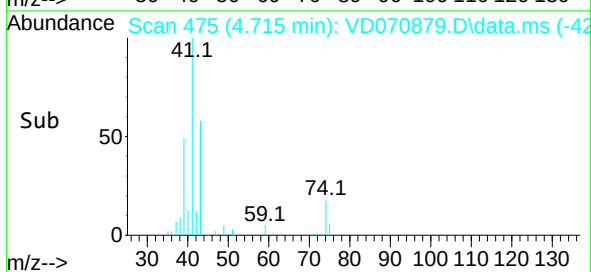
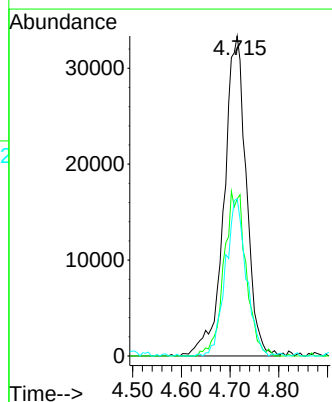
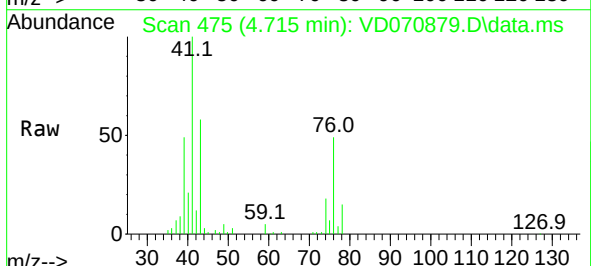


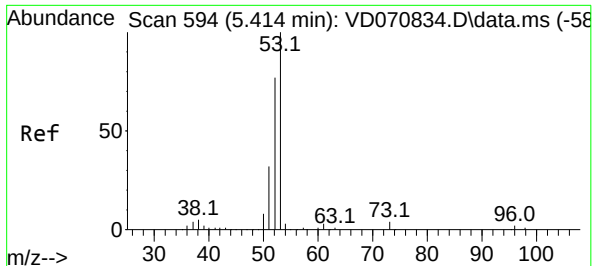
Tgt Ion: 56 Resp: 15674  
Ion Ratio Lower Upper  
56 100  
55 69.8 58.6 87.8



#14  
Allyl chloride  
Concen: 13.509 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 41 Resp: 105883  
Ion Ratio Lower Upper  
41 100  
39 51.3 45.6 68.4  
76 46.1 30.2 45.4#

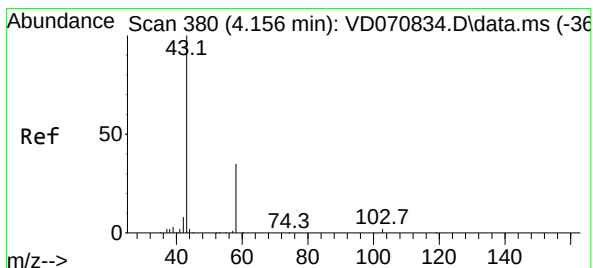
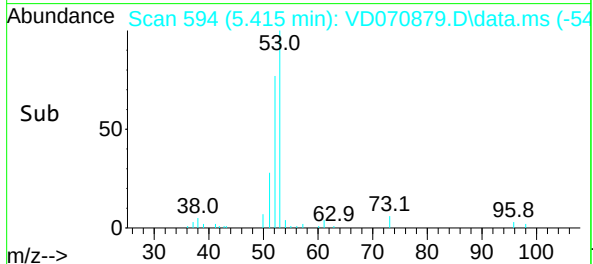
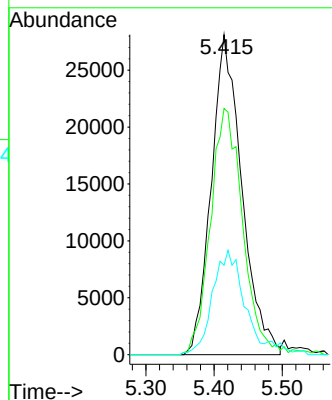
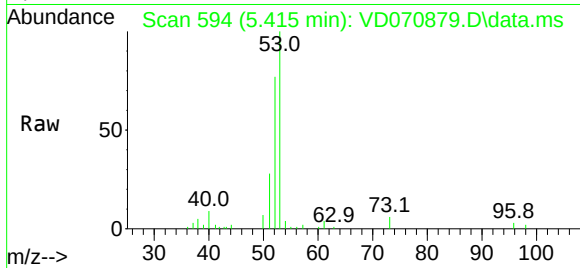




#15  
Acrylonitrile  
Concen: 74.598 ug/l  
RT: 5.415 min Scan# 594  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

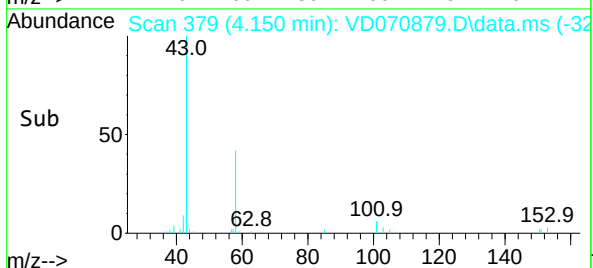
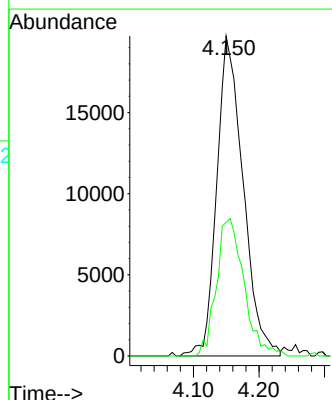
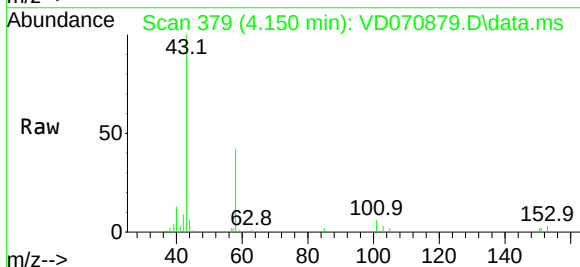
Instrument :  
MSVOA\_D  
ClientSampleId :

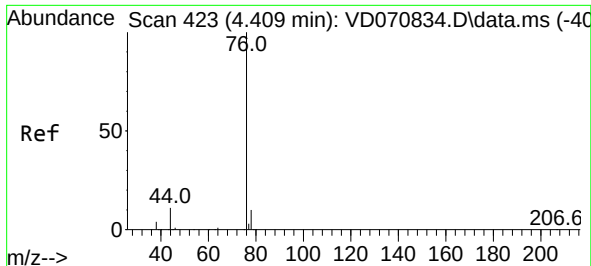
Tgt Ion: 53 Resp: 87792  
Ion Ratio Lower Upper  
53 100  
52 81.1 63.8 95.8  
51 32.8 28.5 42.7



#16  
Acetone  
Concen: 47.319 ug/l  
RT: 4.150 min Scan# 379  
Delta R.T. -0.006 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

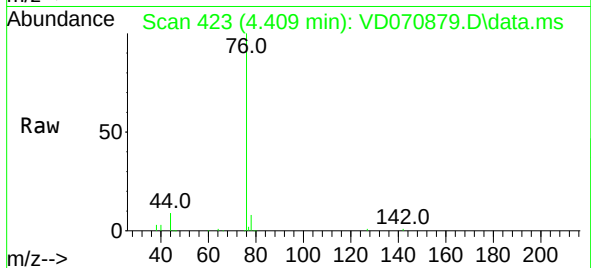
Tgt Ion: 43 Resp: 54903  
Ion Ratio Lower Upper  
43 100  
58 41.8 27.8 41.8



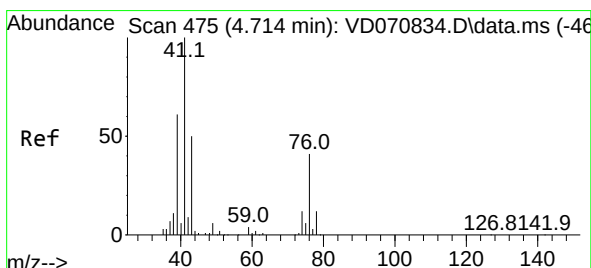
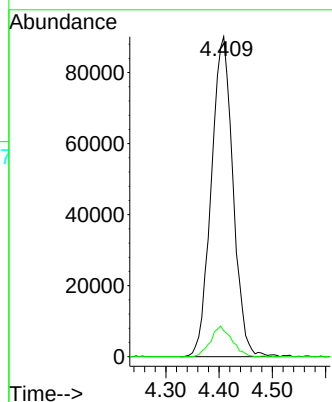
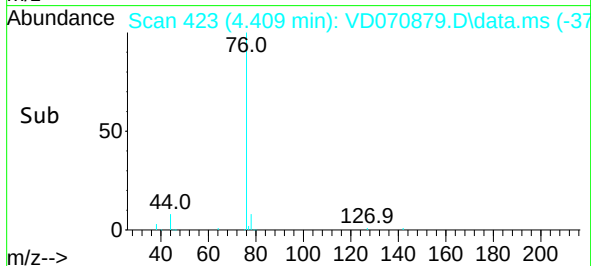


#17  
Carbon Disulfide  
Concen: 14.439 ug/l  
RT: 4.409 min Scan# 423  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

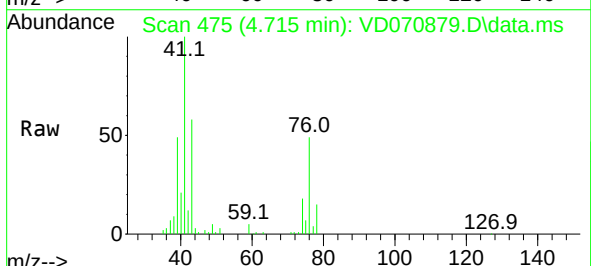
Instrument :  
MSVOA\_D  
ClientSampleId :



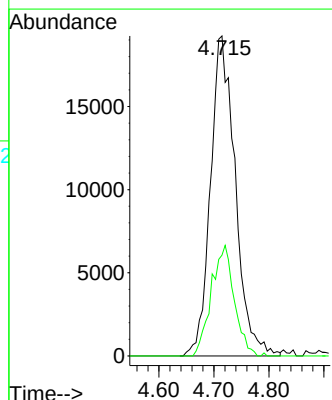
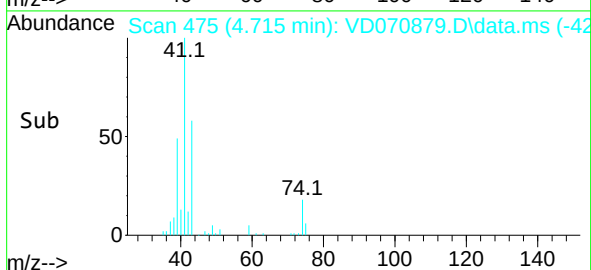
Tgt Ion: 76 Resp: 255395  
Ion Ratio Lower Upper  
76 100  
78 8.1 7.8 11.8

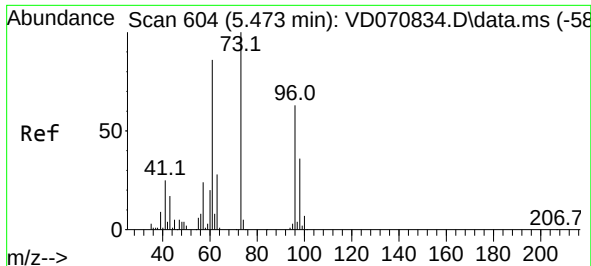


#18  
Methyl Acetate  
Concen: 15.161 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48



Tgt Ion: 43 Resp: 60306  
Ion Ratio Lower Upper  
43 100  
74 31.9 19.3 28.9#

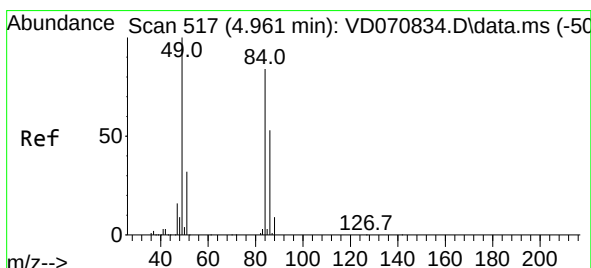
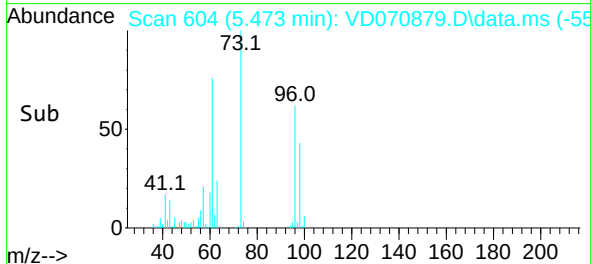
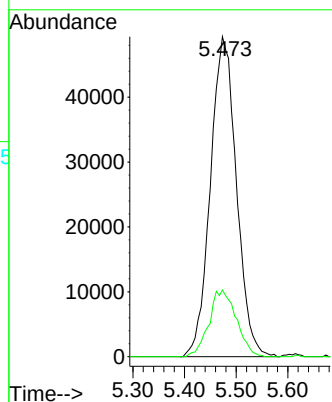
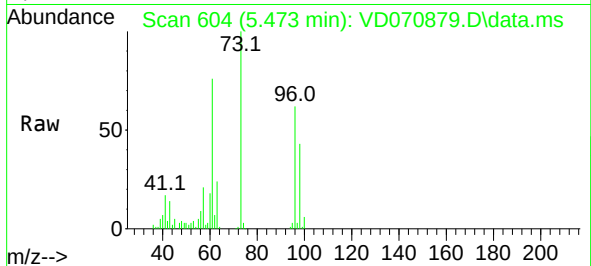




#19  
Methyl tert-butyl Ether  
Concen: 16.594 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

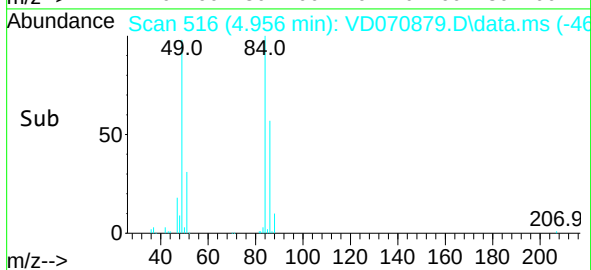
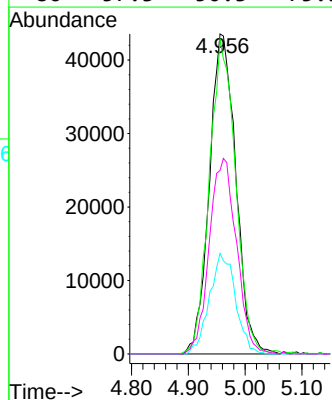
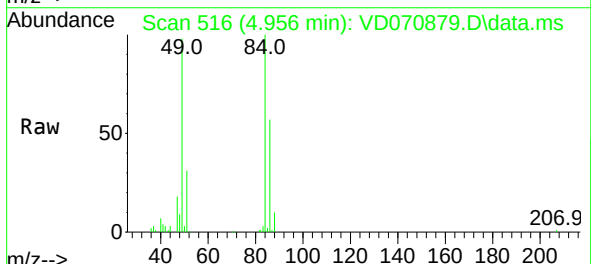
Instrument :  
MSVOA\_D  
ClientSampleId :

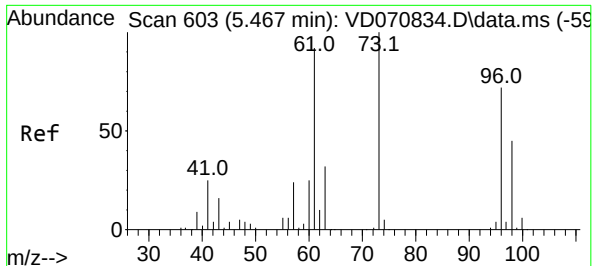
Tgt Ion: 73 Resp: 172704  
Ion Ratio Lower Upper  
73 100  
57 20.9 18.9 28.3



#20  
Methylene Chloride  
Concen: 18.450 ug/l  
RT: 4.956 min Scan# 516  
Delta R.T. -0.005 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 84 Resp: 140692  
Ion Ratio Lower Upper  
84 100  
49 98.2 95.8 143.6  
51 31.4 30.9 46.3  
86 57.3 50.3 75.5

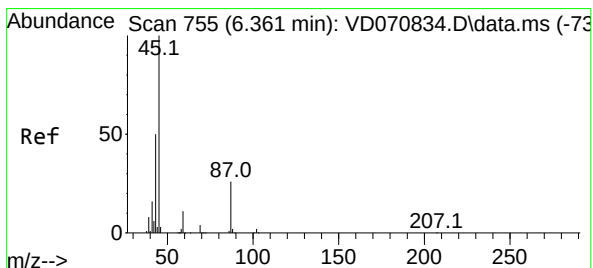
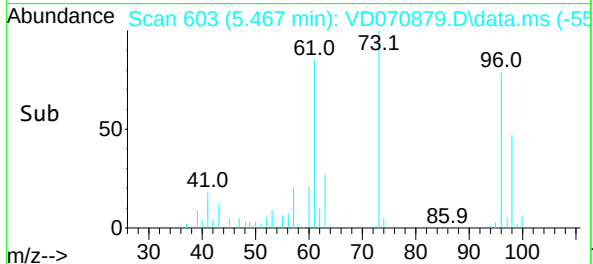
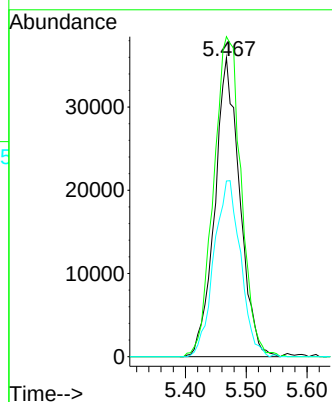
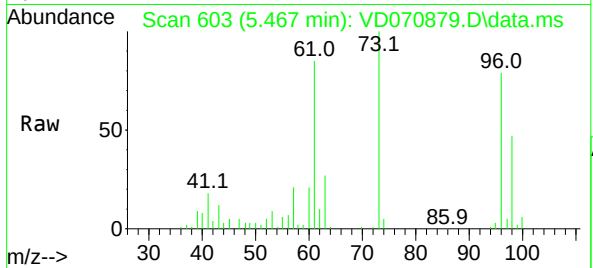




#21  
trans-1,2-Dichloroethene  
Concen: 17.236 ug/l  
RT: 5.467 min Scan# 603  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

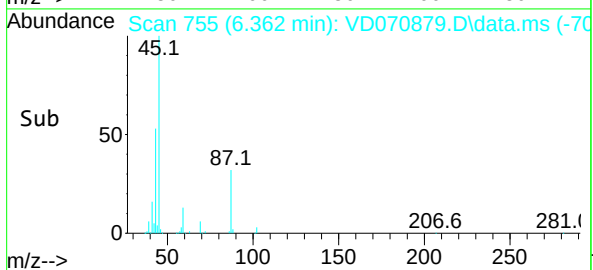
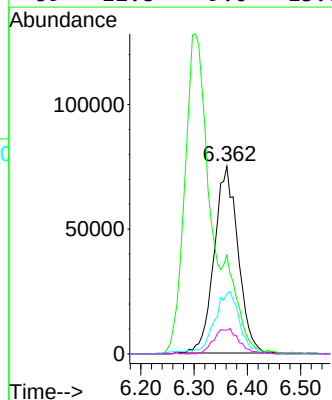
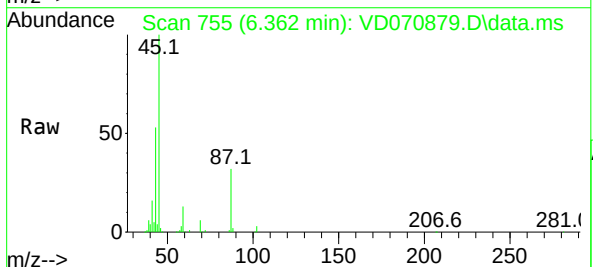
Instrument :  
MSVOA\_D  
ClientSampleId :

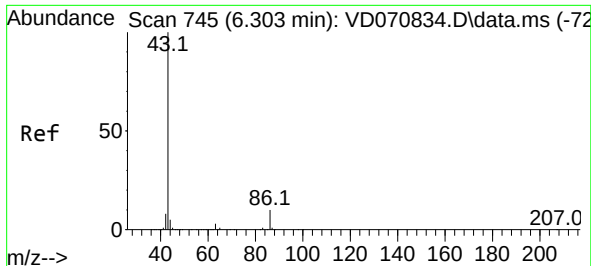
Tgt Ion: 96 Resp: 102193  
Ion Ratio Lower Upper  
96 100  
61 107.1 102.1 153.1  
98 58.8 50.1 75.1



#22  
Diisopropyl ether  
Concen: 14.237 ug/l  
RT: 6.362 min Scan# 755  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

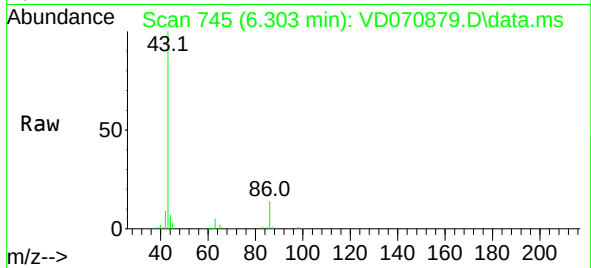
Tgt Ion: 45 Resp: 231395  
Ion Ratio Lower Upper  
45 100  
43 52.2 39.6 59.4  
87 32.4 21.2 31.8#  
59 12.8 9.0 13.6



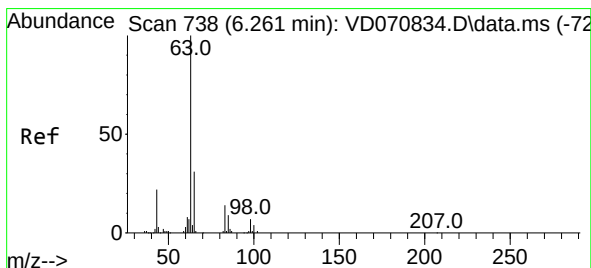
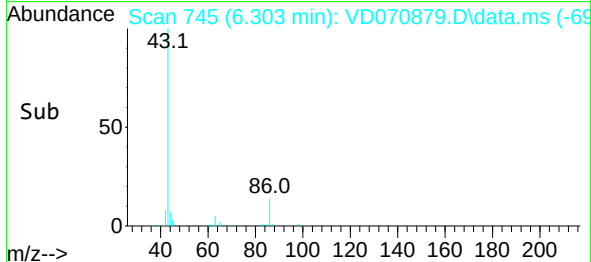
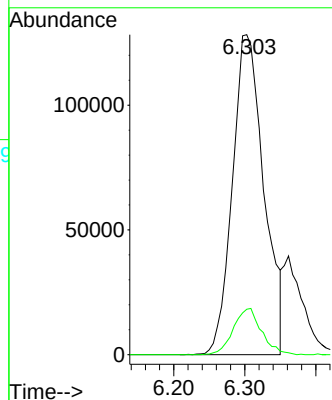


#23  
 Vinyl Acetate  
 Concen: 59.969 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD070879.D  
 Acq: 27 Oct 2021 23:48

Instrument :  
 MSVOA\_D  
 ClientSampleId :

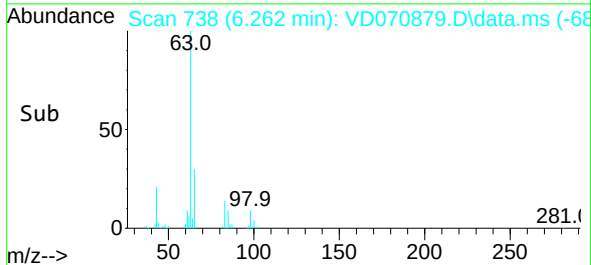
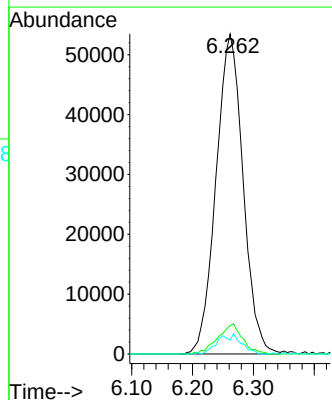
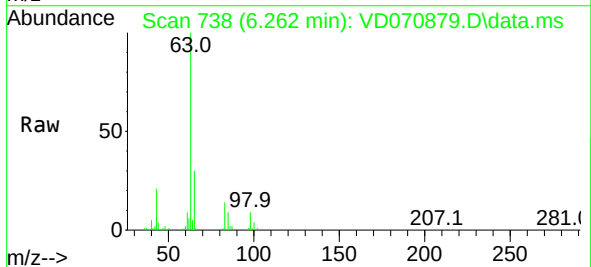


Tgt Ion: 43 Resp: 396868  
 Ion Ratio Lower Upper  
 43 100  
 86 14.2 8.2 12.4#

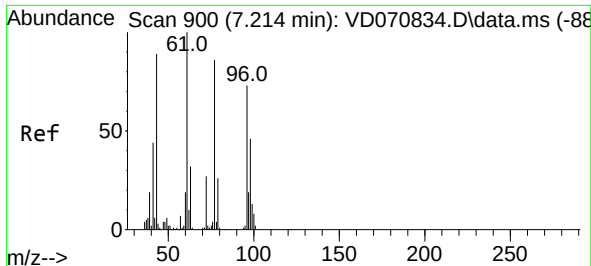


#24  
 1,1-Dichloroethane  
 Concen: 15.048 ug/l  
 RT: 6.262 min Scan# 738  
 Delta R.T. 0.000 min  
 Lab File: VD070879.D  
 Acq: 27 Oct 2021 23:48

Tgt Ion: 63 Resp: 164850  
 Ion Ratio Lower Upper  
 63 100  
 98 8.9 3.5 10.6  
 100 4.3 2.1 6.3







#25

2-Butanone

Concen: 60.582 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.012 min

Lab File: VD070879.D

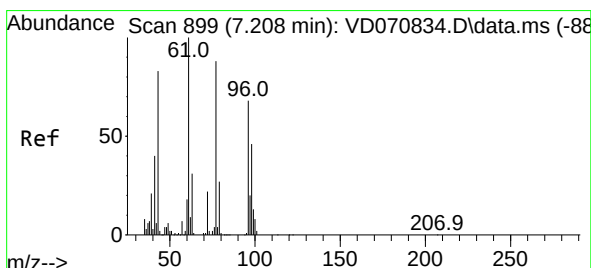
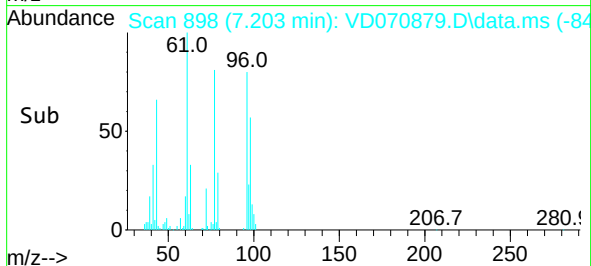
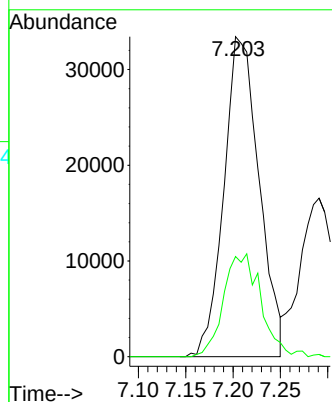
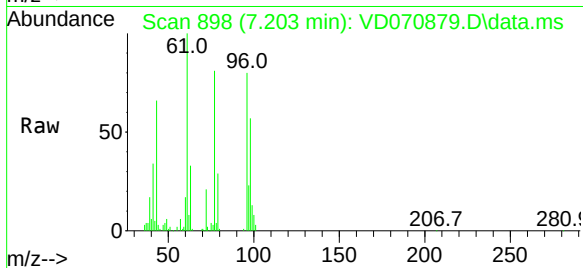
Acq: 27 Oct 2021 23:48

Tgt Ion: 43 Resp: 86515

Ion Ratio Lower Upper

43 100

72 31.3 23.8 35.6



#26

2,2-Dichloropropane

Concen: 13.796 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.006 min

Lab File: VD070879.D

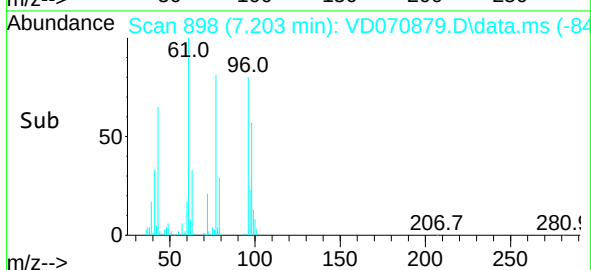
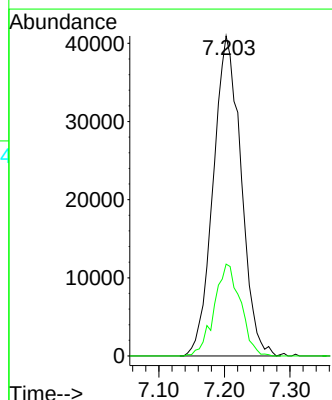
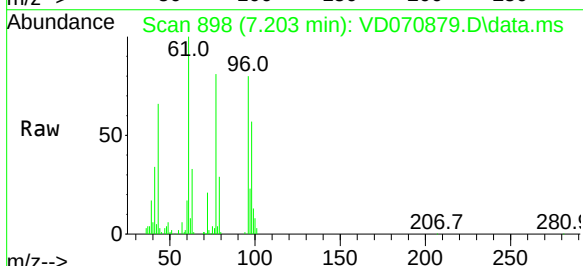
Acq: 27 Oct 2021 23:48

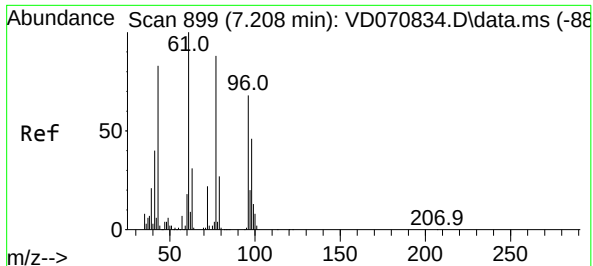
Tgt Ion: 77 Resp: 120585

Ion Ratio Lower Upper

77 100

97 27.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 17.935 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.000 min

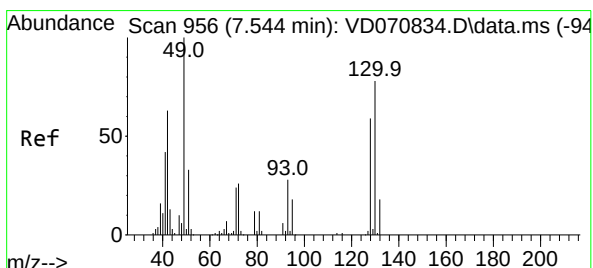
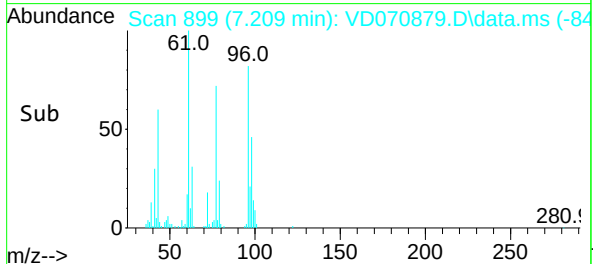
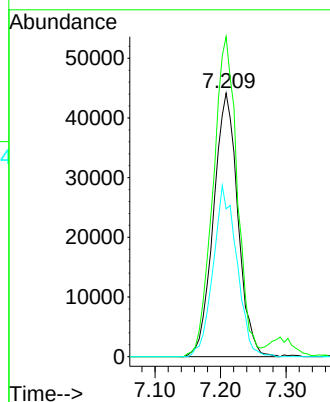
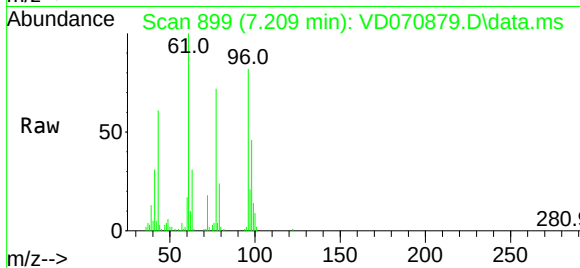
Lab File: VD070879.D

Acq: 27 Oct 2021 23:48

Tgt Ion: 96 Resp: 113958

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 120.5 | 0.0   | 288.6 |
| 98  | 63.0  | 0.0   | 129.2 |

Instrument :  
MSVOA\_D  
ClientSampleId :



#28

Bromochloromethane

Concen: 14.954 ug/l

RT: 7.544 min Scan# 956

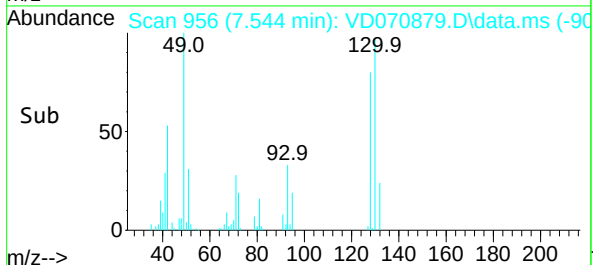
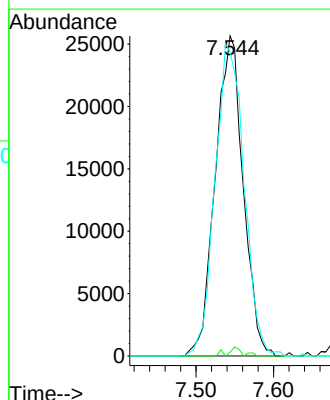
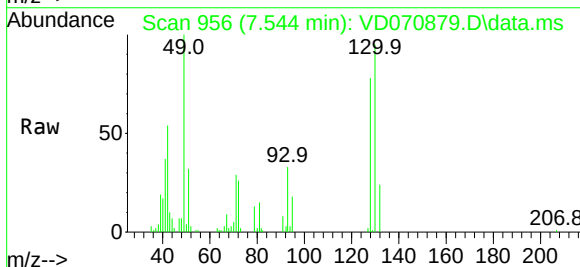
Delta R.T. 0.000 min

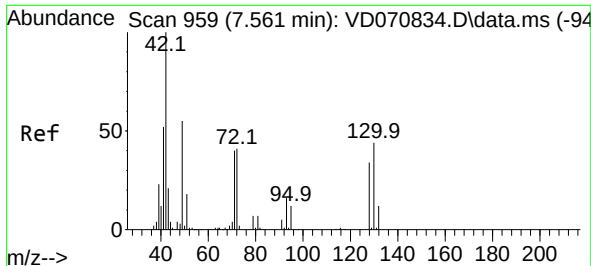
Lab File: VD070879.D

Acq: 27 Oct 2021 23:48

Tgt Ion: 49 Resp: 64240

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 1.4   | 0.0   | 4.0   |
| 130 | 101.7 | 60.2  | 90.2# |





#29

Tetrahydrofuran

Concen: 67.999 ug/l

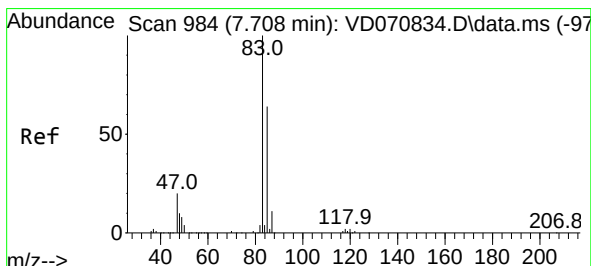
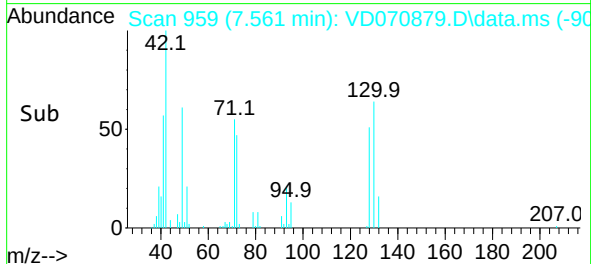
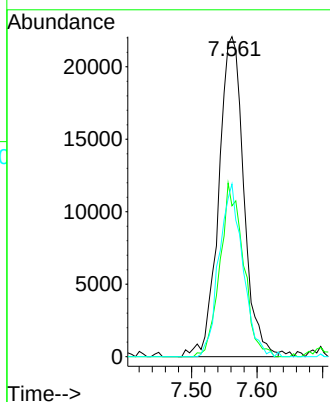
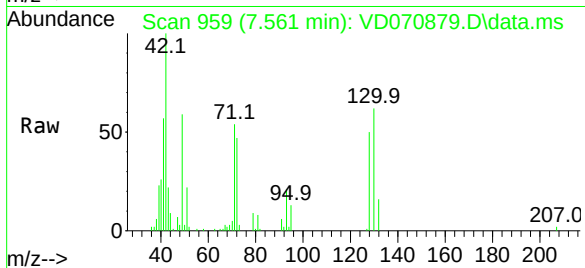
RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD070879.D

Acq: 27 Oct 2021 23:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 58667 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 50.5  | 33.7  | 50.5# |
| 71       | 51.2  | 32.7  | 49.1# |



#30

Chloroform

Concen: 16.340 ug/l

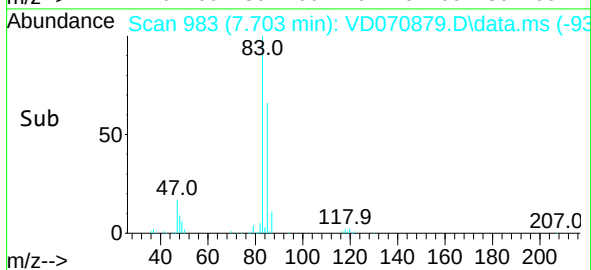
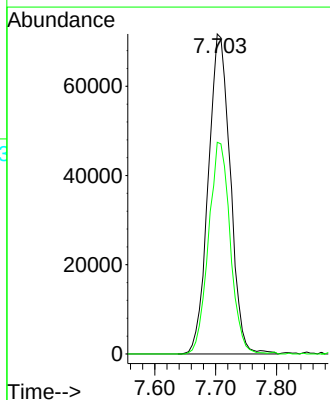
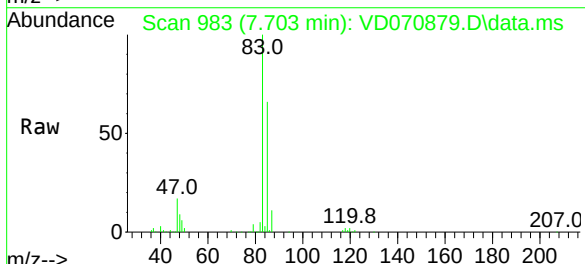
RT: 7.703 min Scan# 983

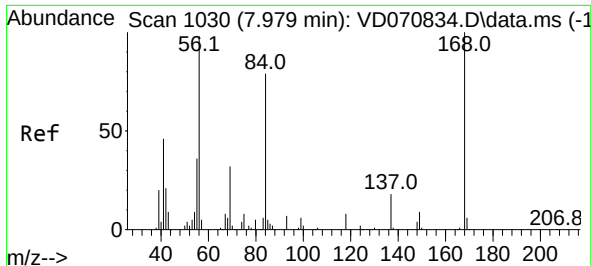
Delta R.T. -0.006 min

Lab File: VD070879.D

Acq: 27 Oct 2021 23:48

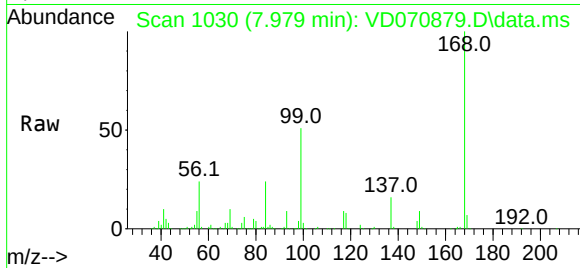
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 179667 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 66.2  | 51.0  | 76.6   |



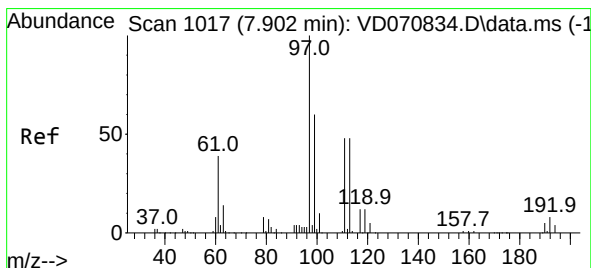
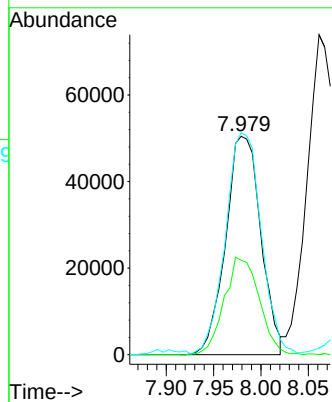
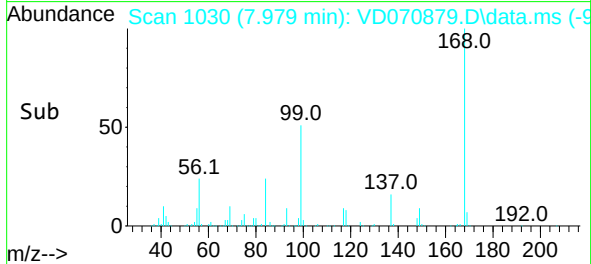


#31  
Cyclohexane  
Concen: 12.813 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

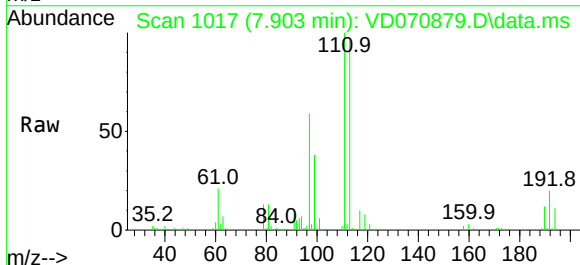
Instrument :  
MSVOA\_D  
ClientSampleId :



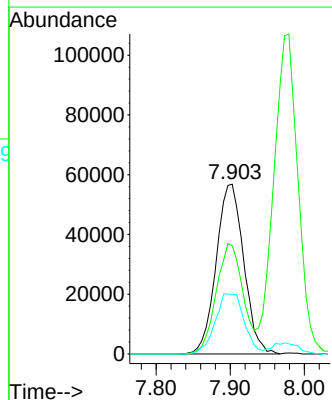
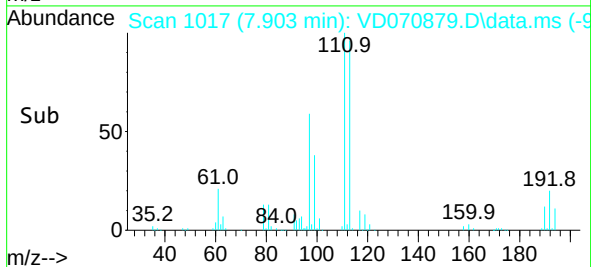
Tgt Ion: 56 Resp: 130202  
Ion Ratio Lower Upper  
56 100  
69 43.2 25.9 38.9#  
84 100.3 64.3 96.5#

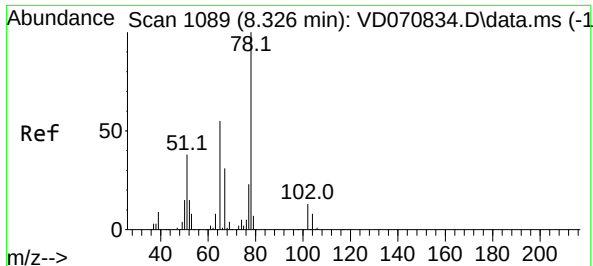


#32  
1,1,1-Trichloroethane  
Concen: 15.611 ug/l  
RT: 7.903 min Scan# 1017  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48



Tgt Ion: 97 Resp: 146599  
Ion Ratio Lower Upper  
97 100  
99 63.0 50.3 75.5  
61 37.1 33.0 49.4

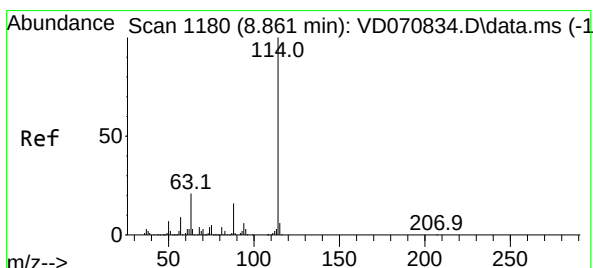
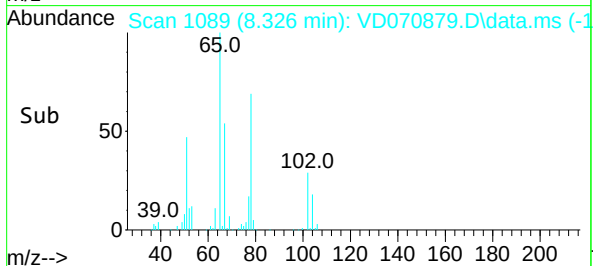
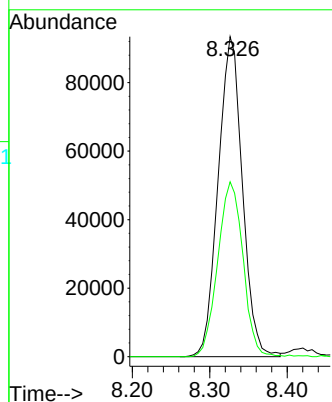
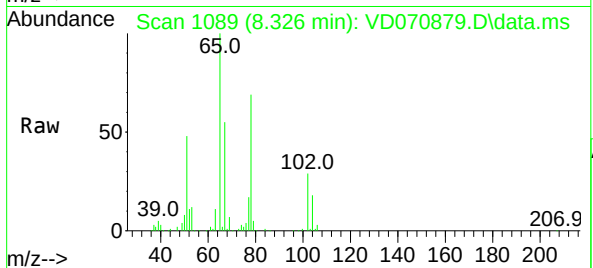




#33  
1,2-Dichloroethane-d4  
Concen: 40.781 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

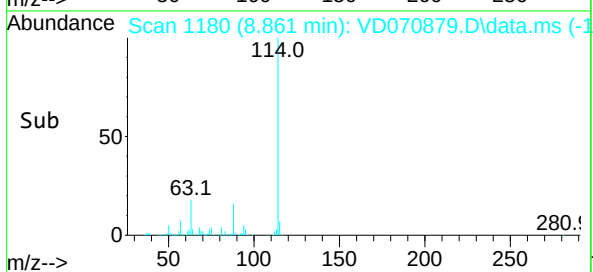
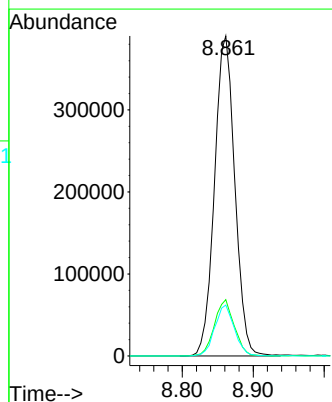
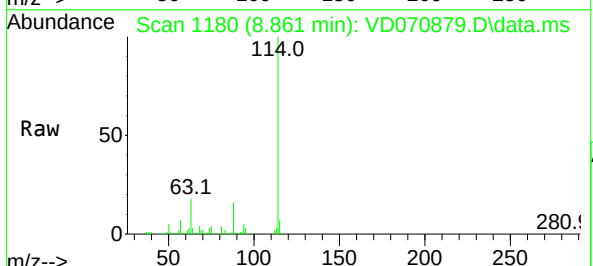
Instrument :  
MSVOA\_D  
ClientSampleId :

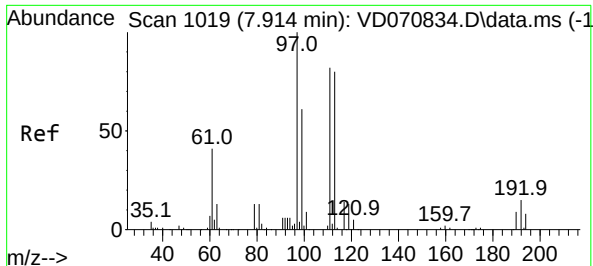
Tgt Ion: 65 Resp: 203380  
Ion Ratio Lower Upper  
65 100  
67 56.8 0.0 112.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion:114 Resp: 774599  
Ion Ratio Lower Upper  
114 100  
63 17.6 0.0 41.8  
88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.887 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070879.D

Acq: 27 Oct 2021 23:48

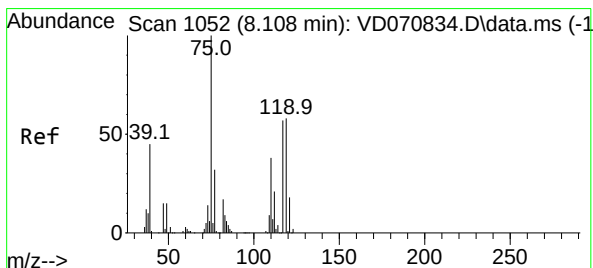
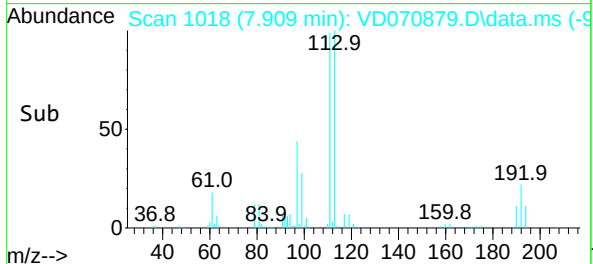
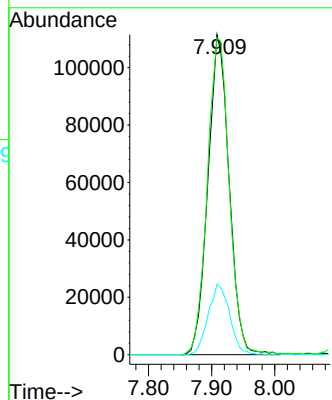
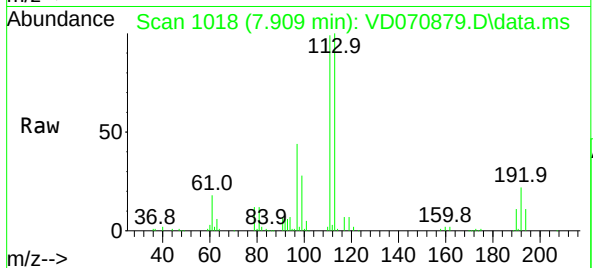
Tgt Ion:113 Resp: 259895

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

192 22.3 15.2 22.8



#36

1,1-Dichloropropene

Concen: 15.526 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD070879.D

Acq: 27 Oct 2021 23:48

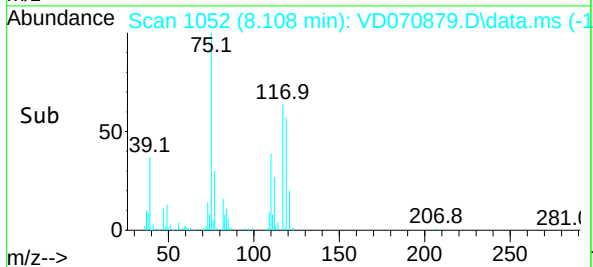
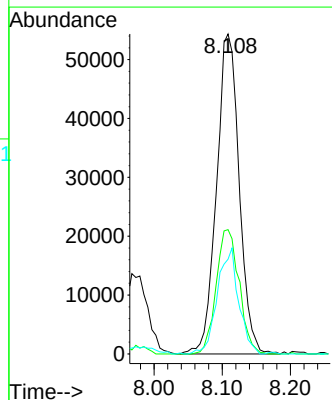
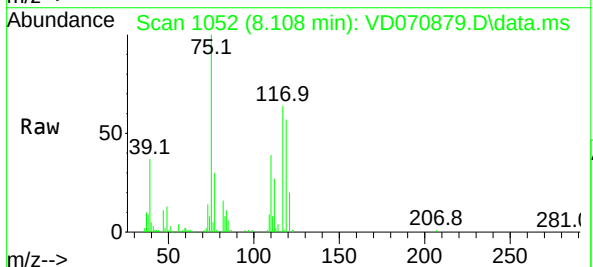
Tgt Ion: 75 Resp: 125827

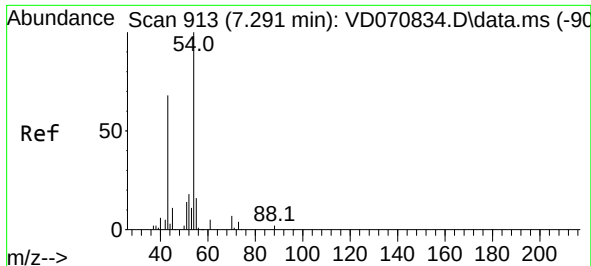
Ion Ratio Lower Upper

75 100

110 39.4 17.8 53.4

77 31.2 24.8 37.2





#37

Ethyl Acetate

Concen: 14.200 ug/l

RT: 7.291 min Scan# 913

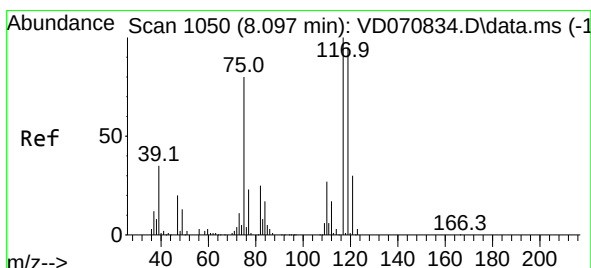
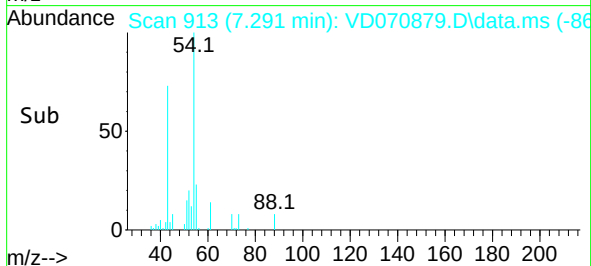
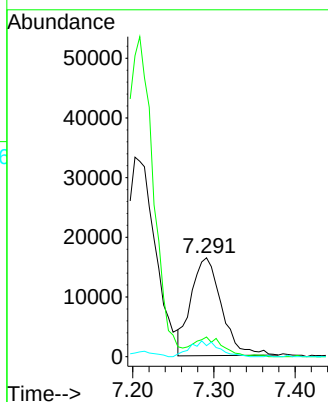
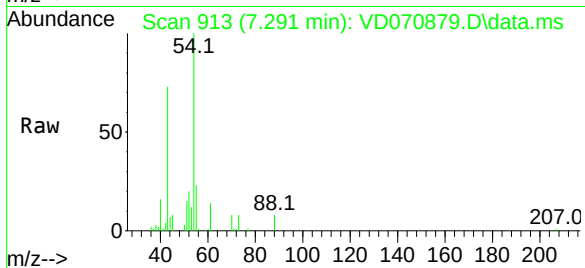
Delta R.T. 0.000 min

Lab File: VD070879.D

Acq: 27 Oct 2021 23:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 42789 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 17.8  | 13.0  | 19.6  |
| 70       | 14.8  | 8.7   | 13.1# |

Instrument :  
MSVOA\_D  
ClientSampled :



#38

Carbon Tetrachloride

Concen: 15.860 ug/l

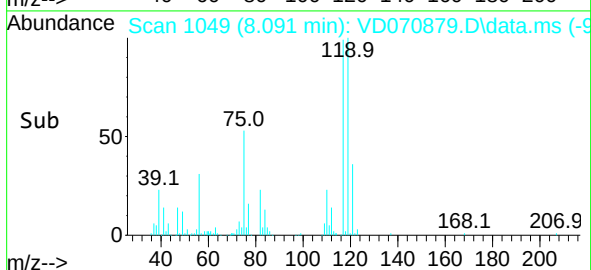
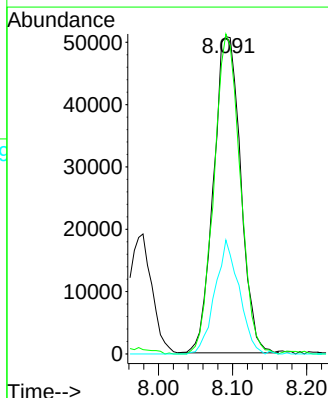
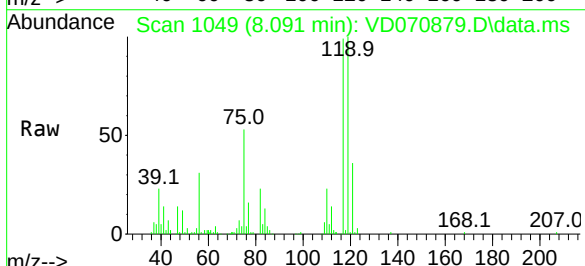
RT: 8.091 min Scan# 1049

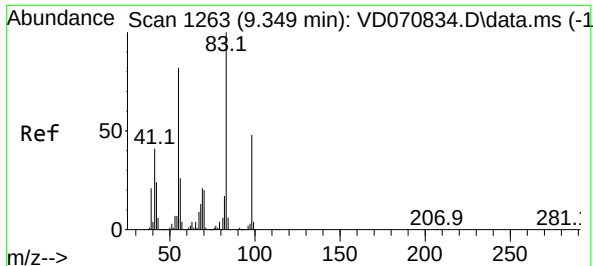
Delta R.T. -0.006 min

Lab File: VD070879.D

Acq: 27 Oct 2021 23:48

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 129259 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 101.2 | 75.8  | 113.6  |
| 121      | 36.0  | 23.6  | 35.4#  |





#39

Methylcyclohexane

Concen: 15.109 ug/l

RT: 9.350 min Scan# 1263

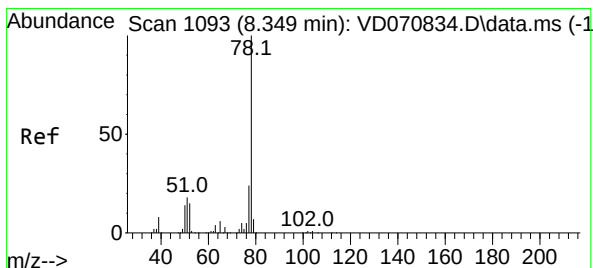
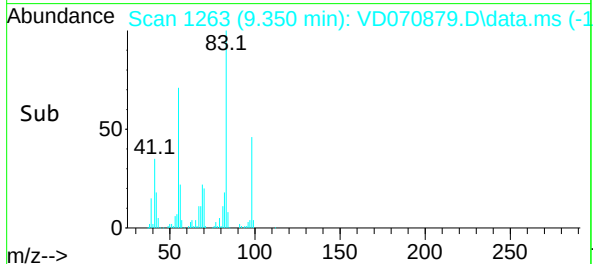
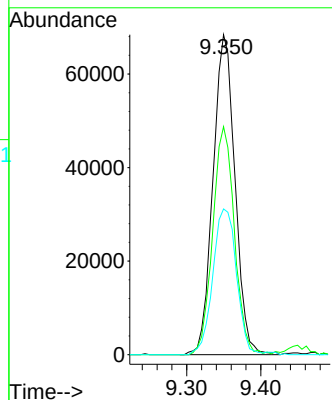
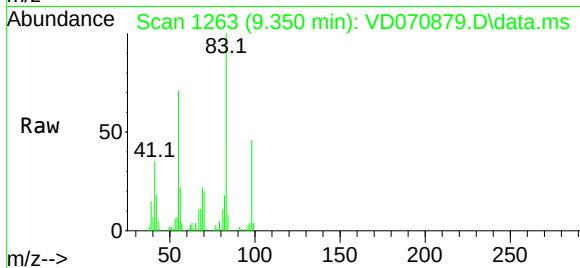
Delta R.T. 0.000 min

Lab File: VD070879.D

Acq: 27 Oct 2021 23:48

Tgt Ion: 83 Resp: 140905

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 71.2  | 65.8  | 98.8  |
| 98  | 45.5  | 38.7  | 58.1  |



#40

Benzene

Concen: 17.235 ug/l

RT: 8.350 min Scan# 1093

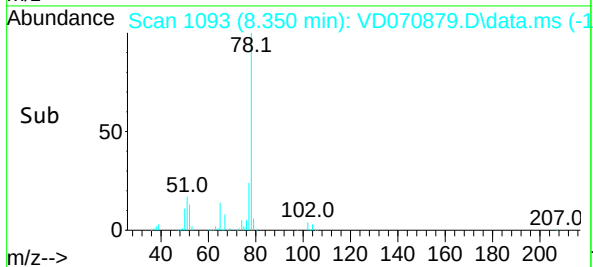
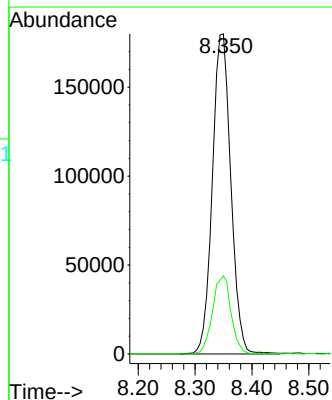
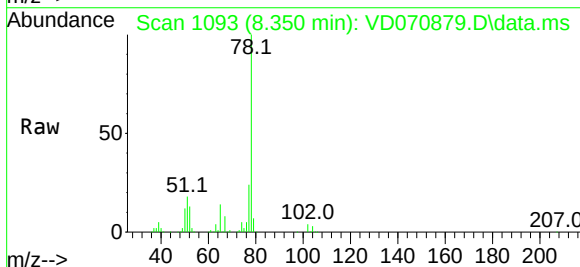
Delta R.T. 0.000 min

Lab File: VD070879.D

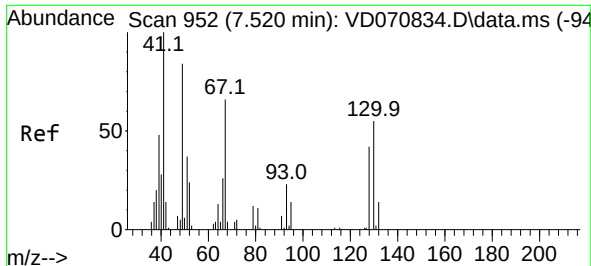
Acq: 27 Oct 2021 23:48

Tgt Ion: 78 Resp: 406106

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 24.4  | 19.1  | 28.7  |



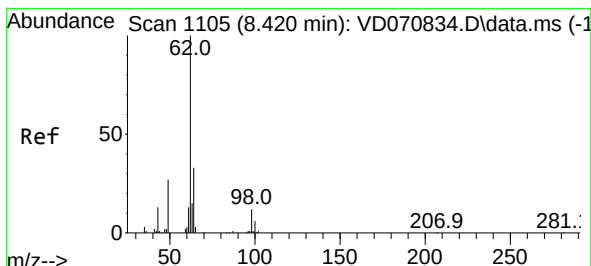
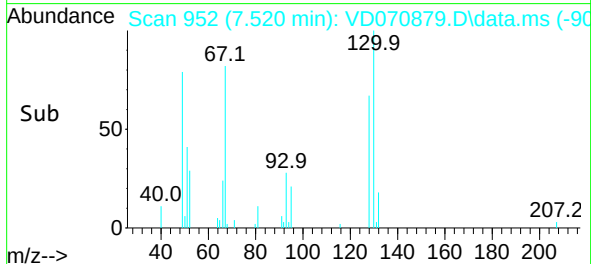
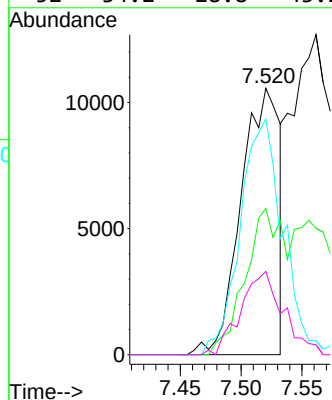
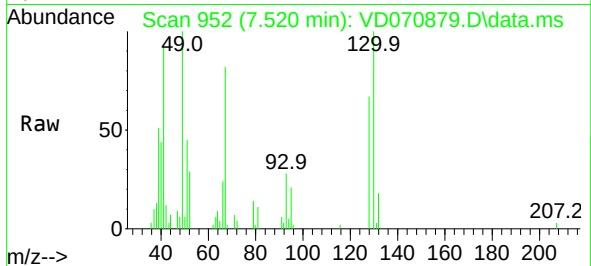




#41  
Methacrylonitrile  
Concen: 14.680 ug/l  
RT: 7.520 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

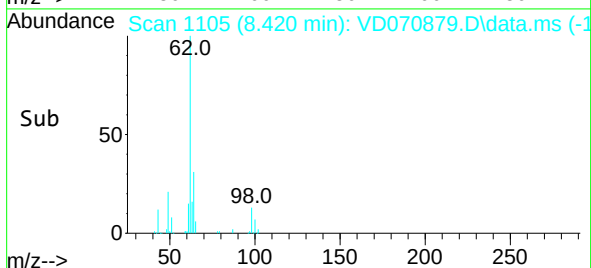
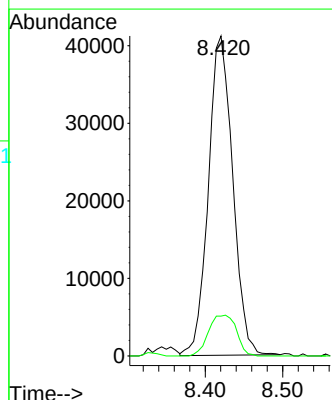
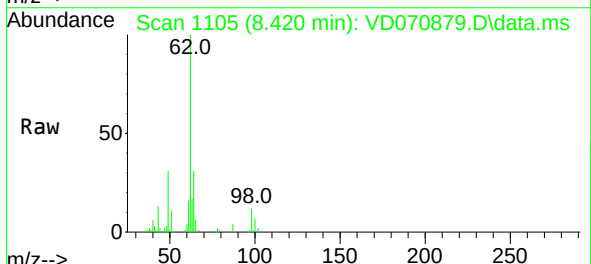
Instrument :  
MSVOA\_D  
ClientSampleId :

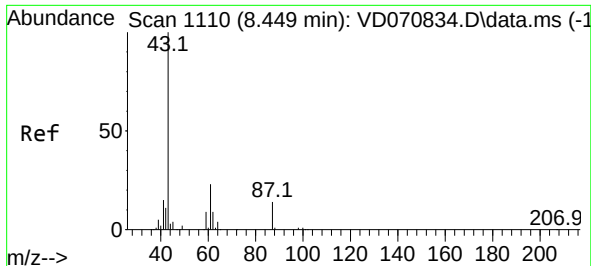
Tgt Ion: 41 Resp: 23400  
Ion Ratio Lower Upper  
41 100  
39 54.5 60.2 90.4#  
67 98.1 74.8 112.2  
52 34.2 28.8 43.2



#42  
1,2-Dichloroethane  
Concen: 14.994 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 62 Resp: 89949  
Ion Ratio Lower Upper  
62 100  
98 14.6 0.0 21.8

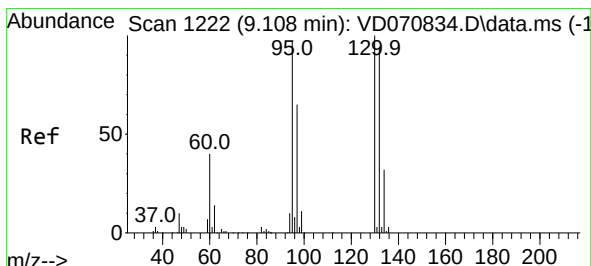
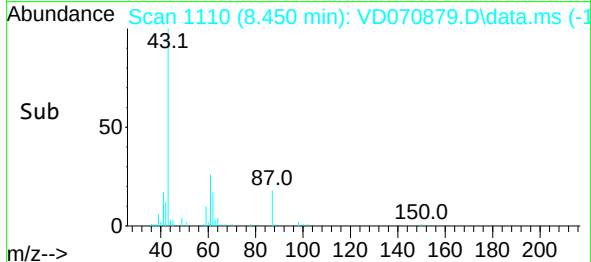
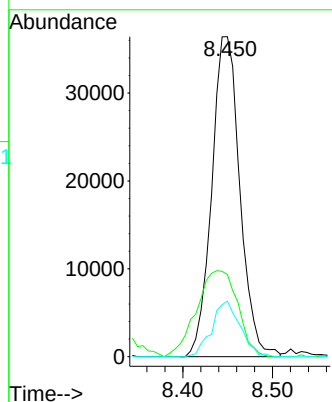
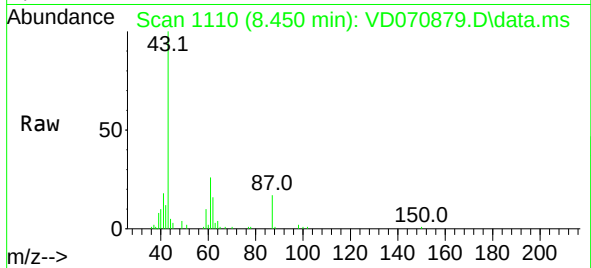




#43  
Isopropyl Acetate  
Concen: 14.153 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

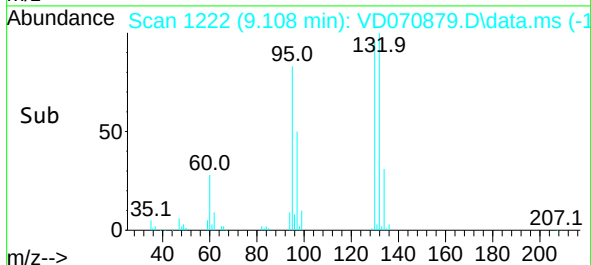
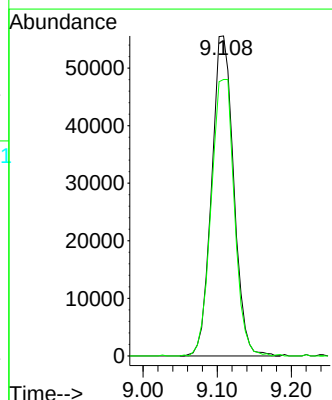
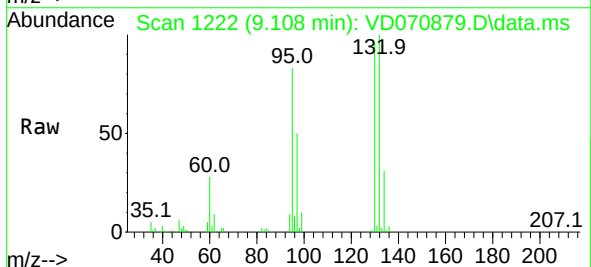
Instrument :  
MSVOA\_D  
ClientSampleId :

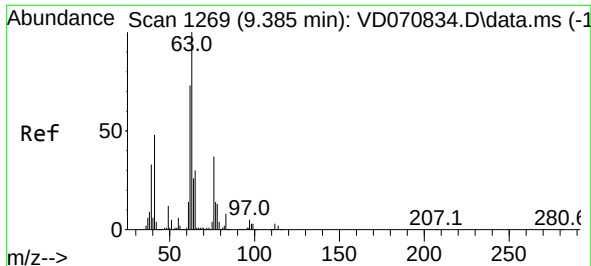
Tgt Ion: 43 Resp: 79273  
Ion Ratio Lower Upper  
43 100  
61 39.4 28.2 42.4  
87 17.5 10.7 16.1#



#44  
Trichloroethene  
Concen: 18.874 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion:130 Resp: 114896  
Ion Ratio Lower Upper  
130 100  
95 86.4 0.0 193.2





#45

1,2-Dichloropropane

Concen: 16.033 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD070879.D

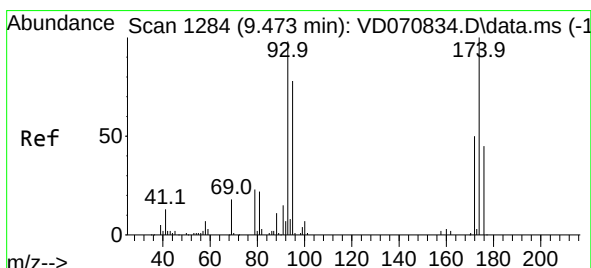
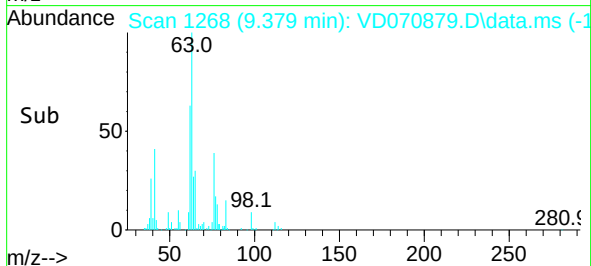
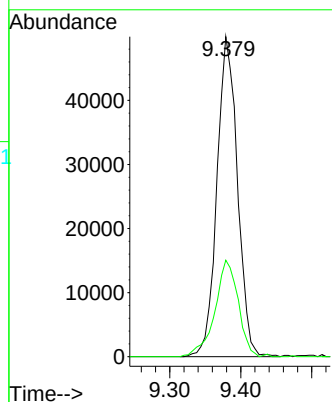
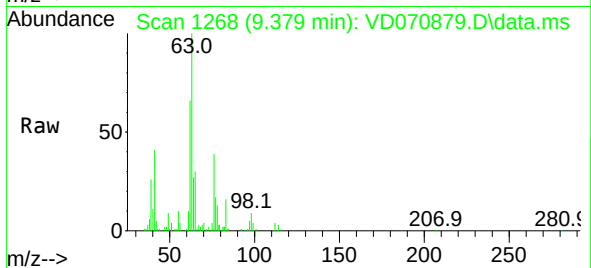
Acq: 27 Oct 2021 23:48

Tgt Ion: 63 Resp: 100155

Ion Ratio Lower Upper

63 100

65 30.2 24.2 36.2



#46

Dibromomethane

Concen: 17.346 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD070879.D

Acq: 27 Oct 2021 23:48

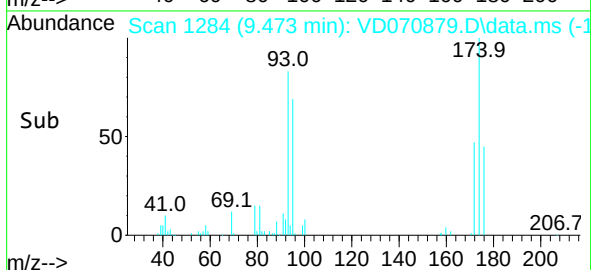
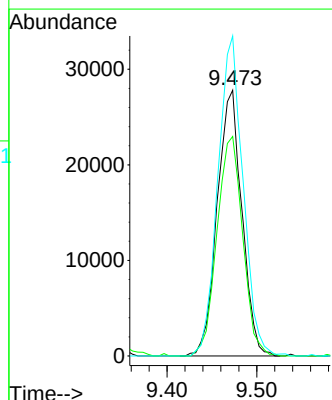
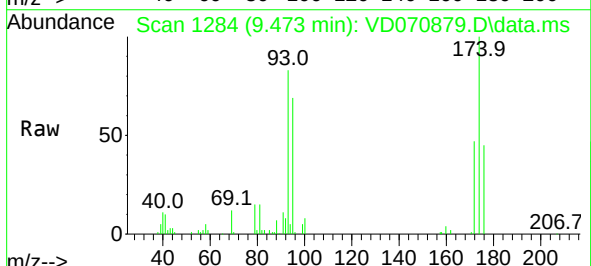
Tgt Ion: 93 Resp: 53124

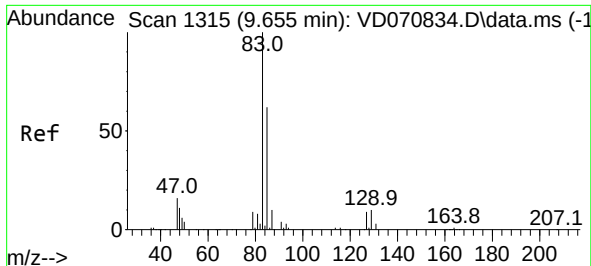
Ion Ratio Lower Upper

93 100

95 86.0 66.1 99.1

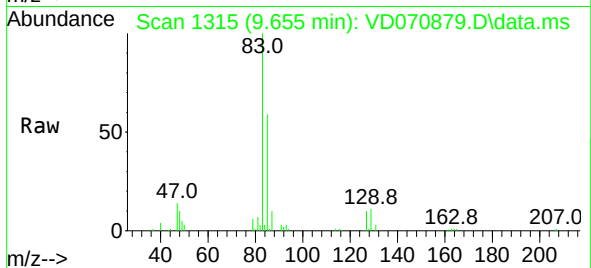
174 122.4 78.6 117.8



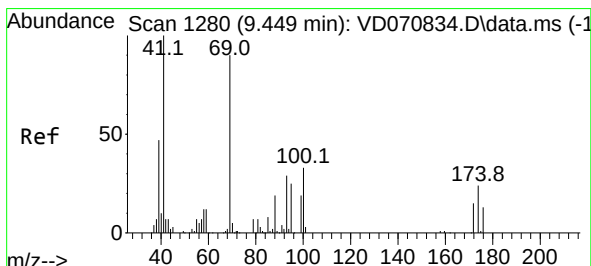
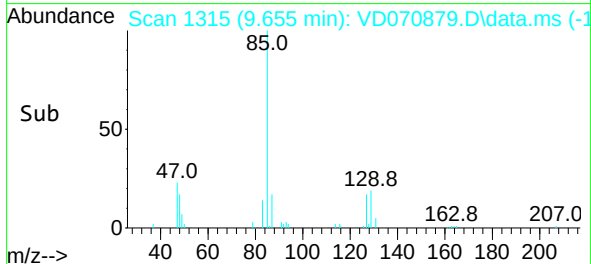
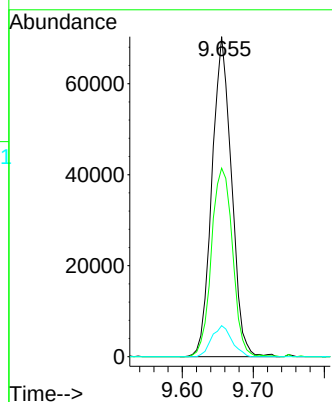


#47  
Bromodichloromethane  
Concen: 16.993 ug/l  
RT: 9.655 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Instrument :  
MSVOA\_D  
ClientSampleId :

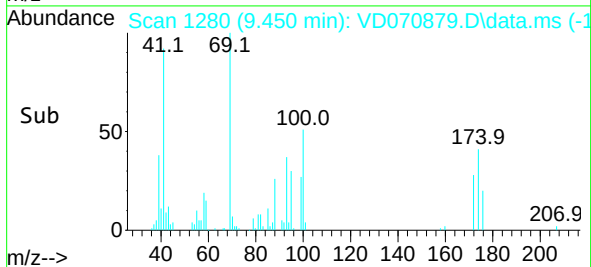
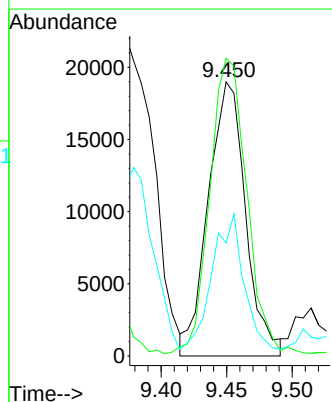
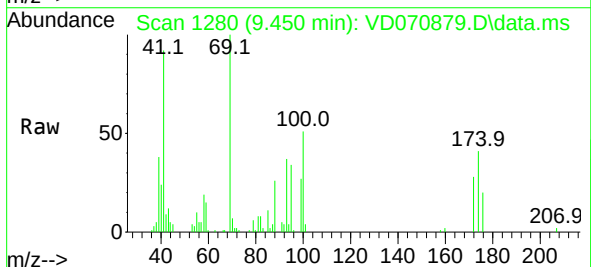


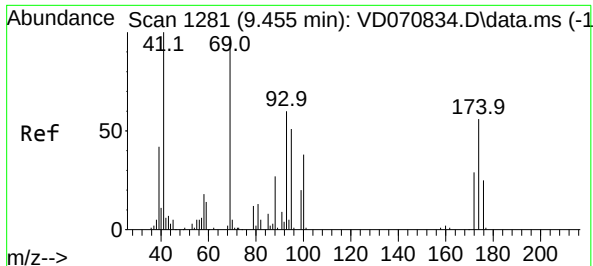
Tgt Ion: 83 Resp: 134535  
Ion Ratio Lower Upper  
83 100  
85 58.9 50.0 75.0  
127 9.7 7.3 10.9



#48  
Methyl methacrylate  
Concen: 14.043 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 41 Resp: 37581  
Ion Ratio Lower Upper  
41 100  
69 107.1 69.8 104.6#  
39 42.7 35.6 53.4

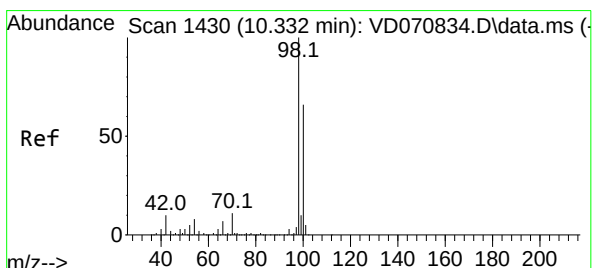
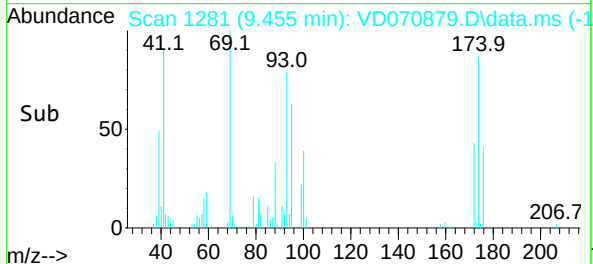
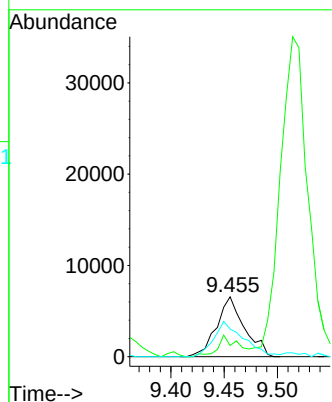
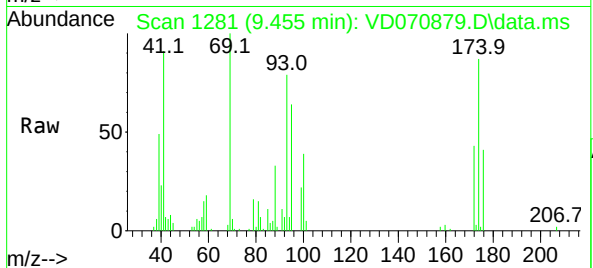




#49  
1,4-Dioxane  
Concen: 363.046 ug/l  
RT: 9.455 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

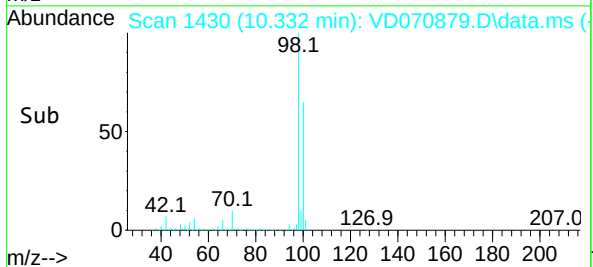
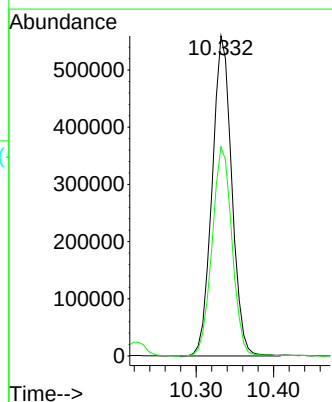
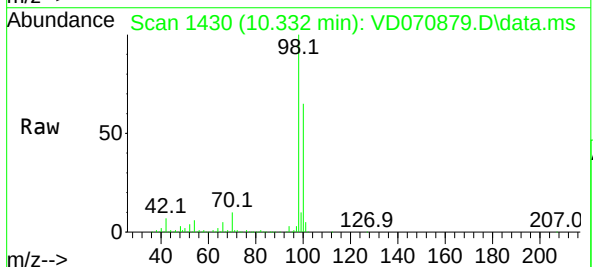
Instrument :  
MSVOA\_D  
ClientSampleId :

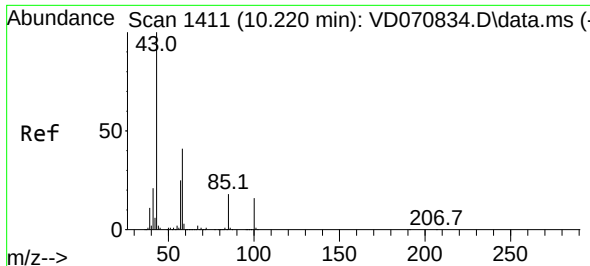
Tgt Ion: 88 Resp: 11867  
Ion Ratio Lower Upper  
88 100  
43 26.4 28.9 43.3#  
58 63.3 56.3 84.5



#50  
Toluene-d8  
Concen: 51.224 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 98 Resp: 984254  
Ion Ratio Lower Upper  
98 100  
100 66.3 51.8 77.6

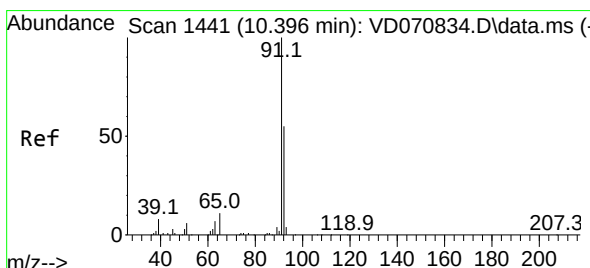
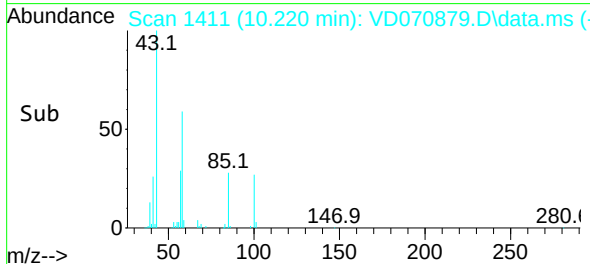
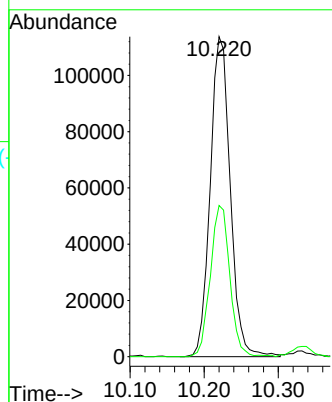
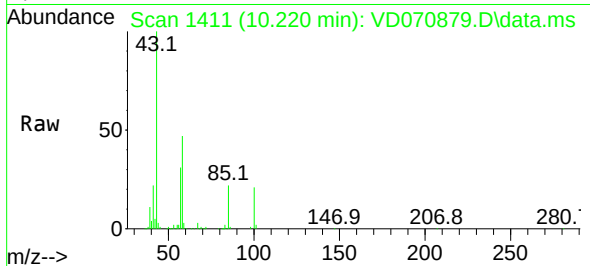




#51  
4-Methyl-2-Pentanone  
Concen: 72.709 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

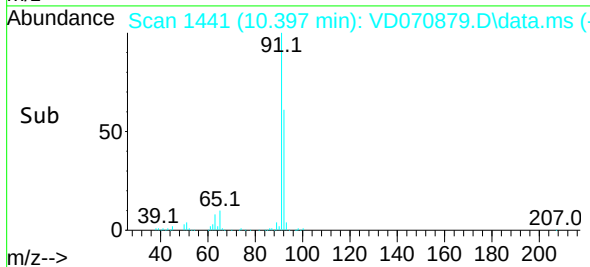
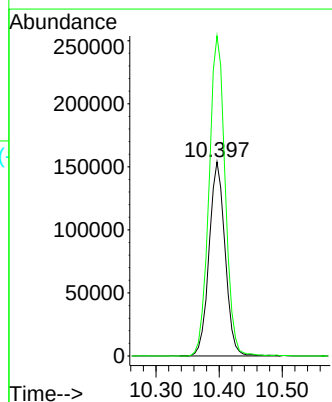
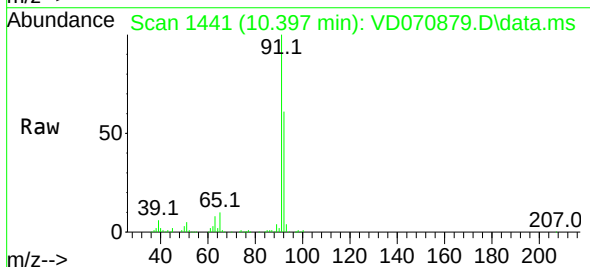
Instrument :  
MSVOA\_D  
ClientSampleId :

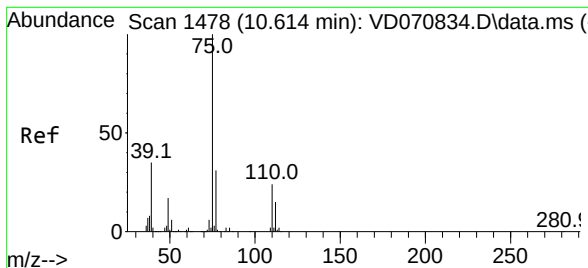
Tgt Ion: 43 Resp: 213554  
Ion Ratio Lower Upper  
43 100  
58 46.1 33.1 49.7



#52  
Toluene  
Concen: 19.109 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 92 Resp: 270600  
Ion Ratio Lower Upper  
92 100  
91 166.3 140.7 211.1

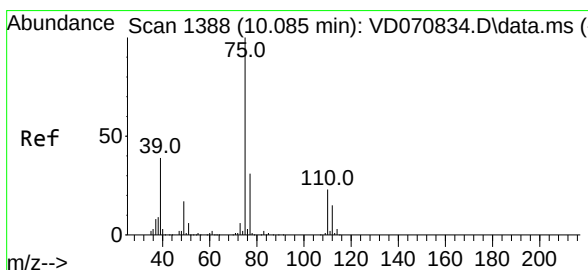
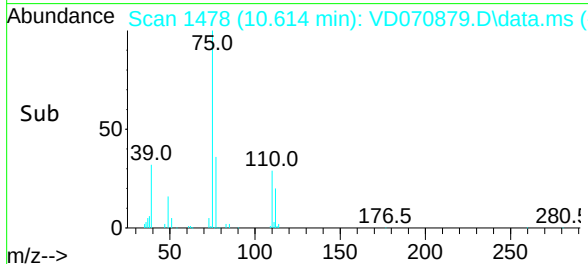
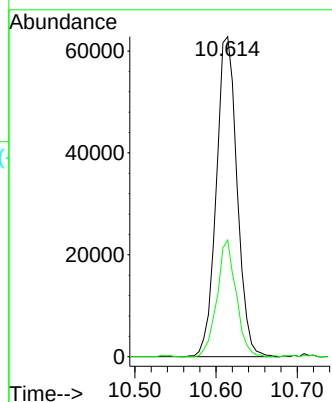
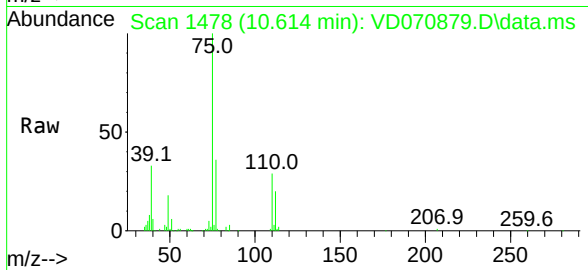




#53  
t-1,3-Dichloropropene  
Concen: 16.208 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

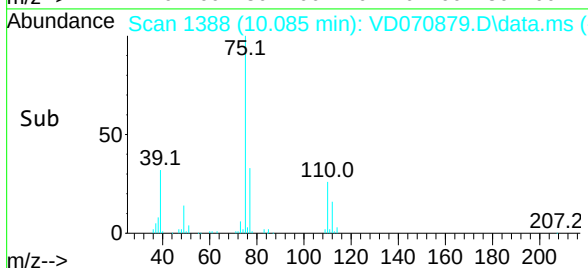
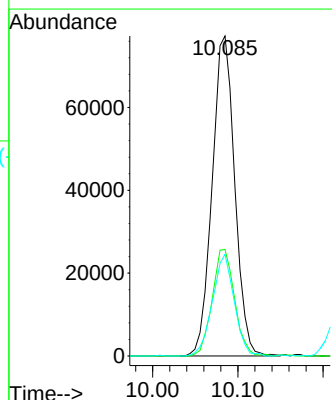
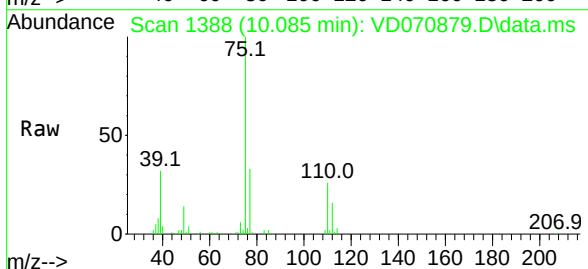
Instrument :  
MSVOA\_D  
ClientSampleId :

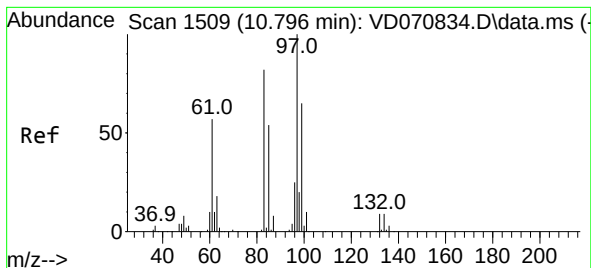
Tgt Ion: 75 Resp: 111836  
Ion Ratio Lower Upper  
75 100  
77 36.4 24.5 36.7



#54  
cis-1,3-Dichloropropene  
Concen: 16.719 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 75 Resp: 142436  
Ion Ratio Lower Upper  
75 100  
77 33.3 25.0 37.6  
39 31.8 31.6 47.4

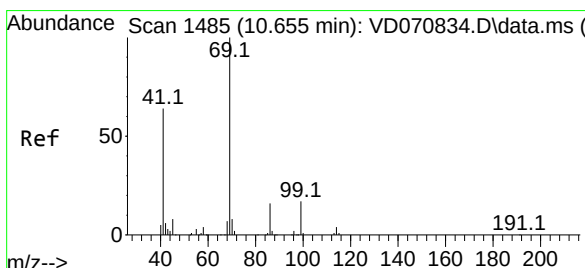
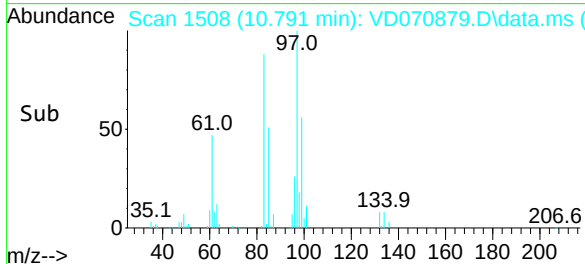
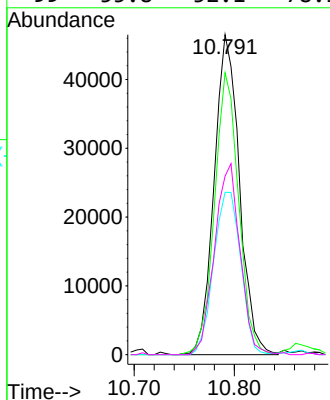
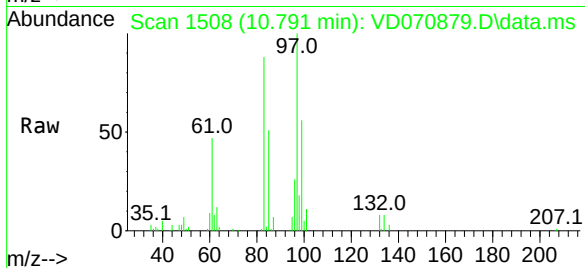




#55  
1,1,2-Trichloroethane  
Concen: 18.725 ug/l  
RT: 10.791 min Scan# 1508  
Delta R.T. -0.006 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

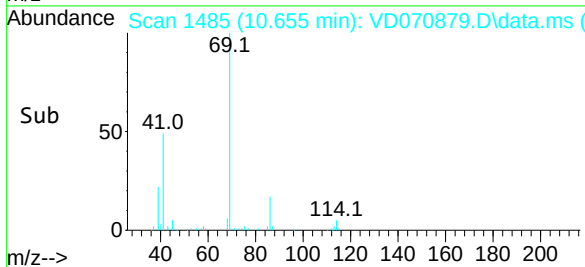
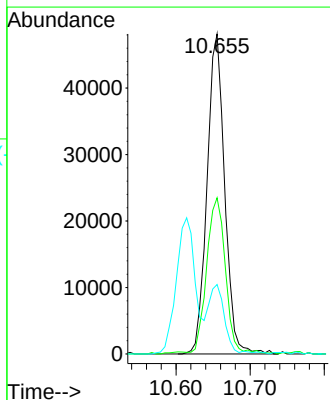
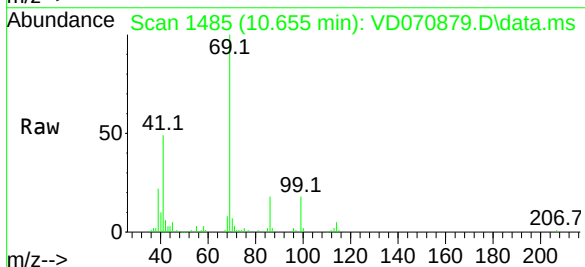
Instrument :  
MSVOA\_D  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 81333 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.1  | 65.2  | 97.8  |
| 85       | 50.7  | 43.4  | 65.0  |
| 99       | 55.8  | 52.1  | 78.1  |

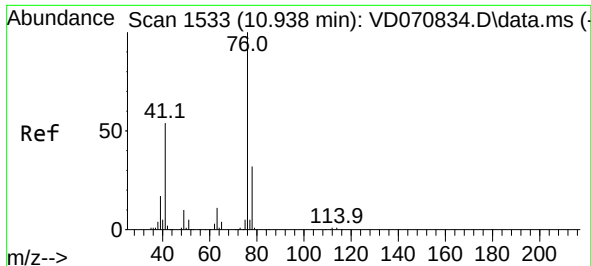


#56  
Ethyl methacrylate  
Concen: 16.950 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 79608 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 52.3  | 50.2  | 75.2  |
| 39       | 19.7  | 19.8  | 29.8  |



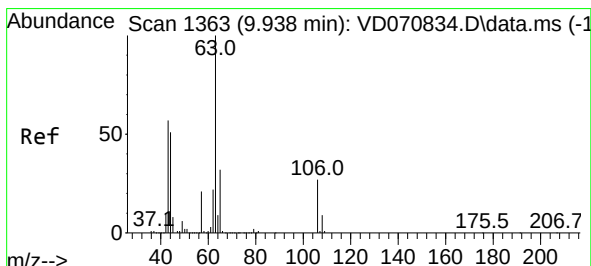
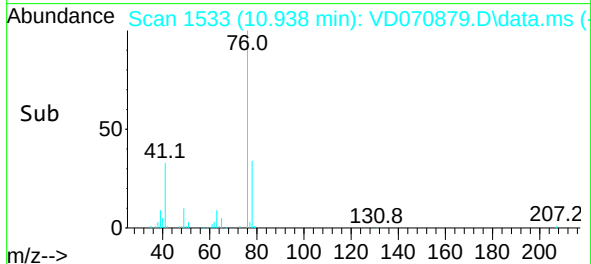
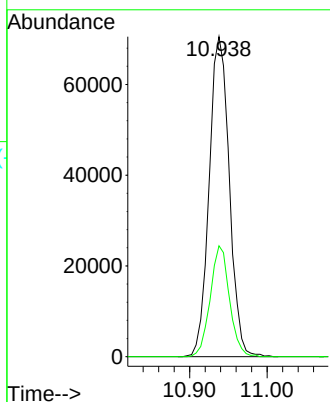
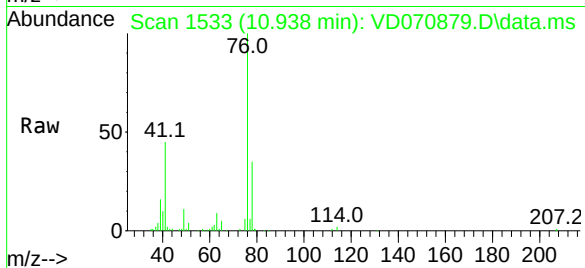




#57  
1,3-Dichloropropane  
Concen: 17.384 ug/l  
RT: 10.938 min Scan# 1533  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

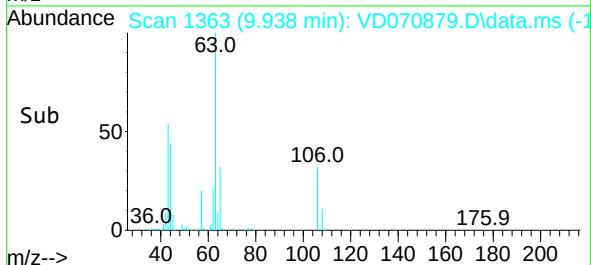
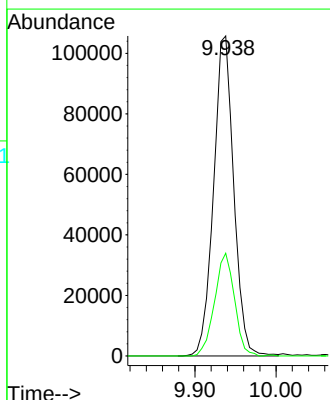
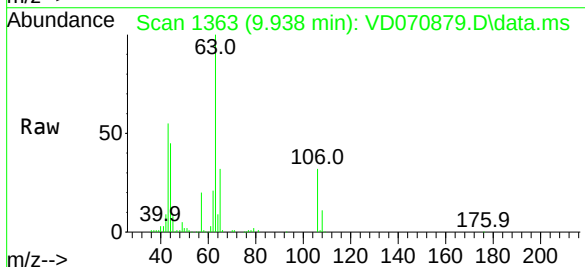
Instrument :  
MSVOA\_D  
ClientSampleId :

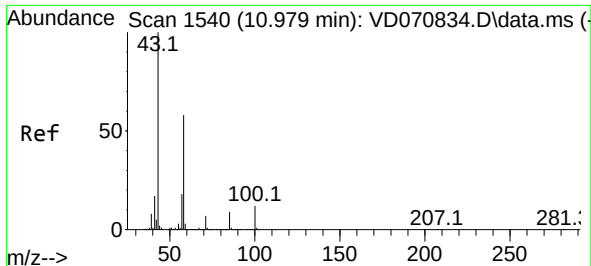
Tgt Ion: 76 Resp: 127225  
Ion Ratio Lower Upper  
76 100  
78 33.1 25.8 38.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 88.530 ug/l  
RT: 9.938 min Scan# 1363  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 63 Resp: 182810  
Ion Ratio Lower Upper  
63 100  
106 31.6 21.0 31.4#

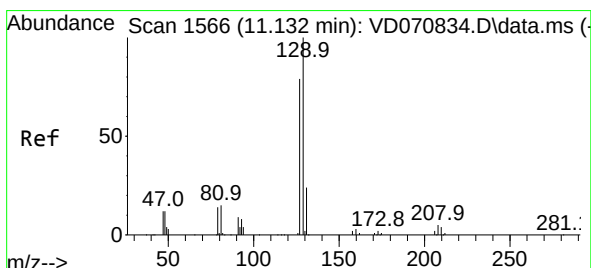
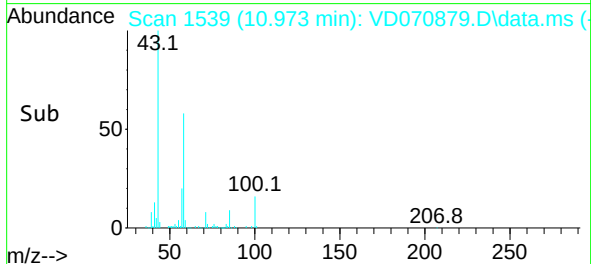
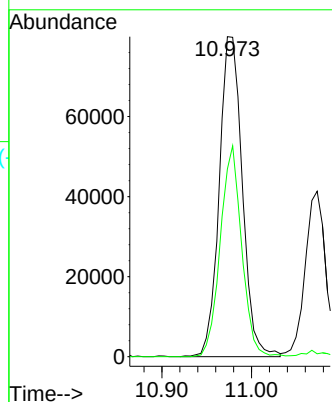
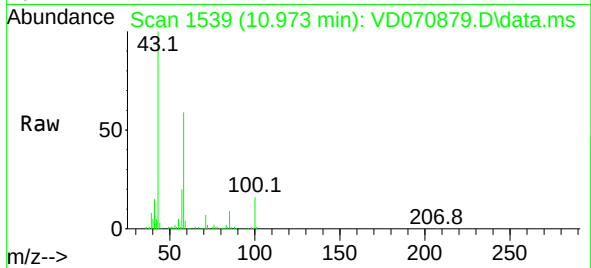




#59  
2-Hexanone  
Concen: 68.105 ug/l  
RT: 10.973 min Scan# 1539  
Delta R.T. -0.006 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

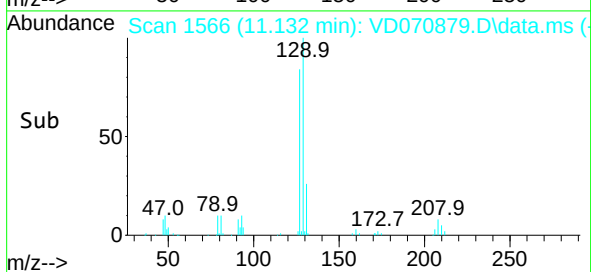
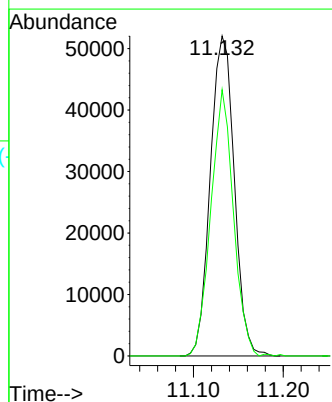
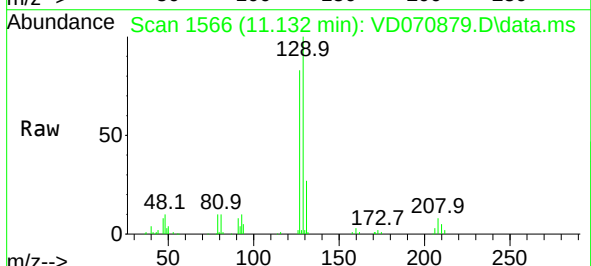
Instrument :  
MSVOA\_D  
ClientSampleId :

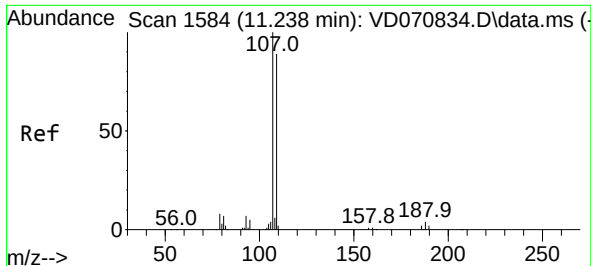
Tgt Ion: 43 Resp: 142795  
Ion Ratio Lower Upper  
43 100  
58 61.1 28.7 86.1



#60  
Dibromochloromethane  
Concen: 18.505 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 129 Resp: 96444  
Ion Ratio Lower Upper  
129 100  
127 78.6 38.9 116.6

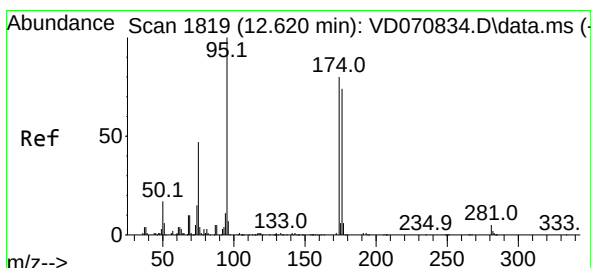
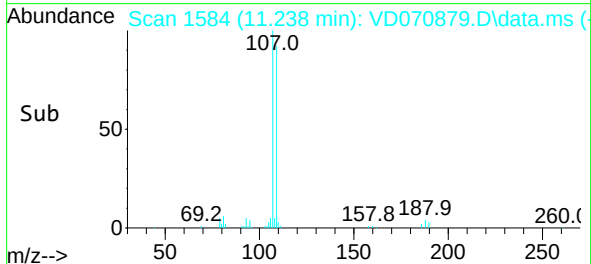
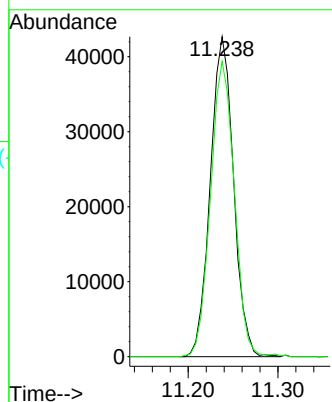
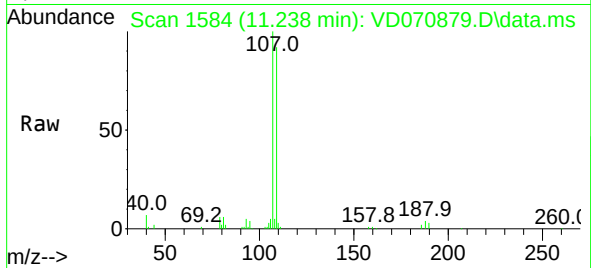




#61  
1,2-Dibromoethane  
Concen: 19.143 ug/l  
RT: 11.238 min Scan# 1584  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

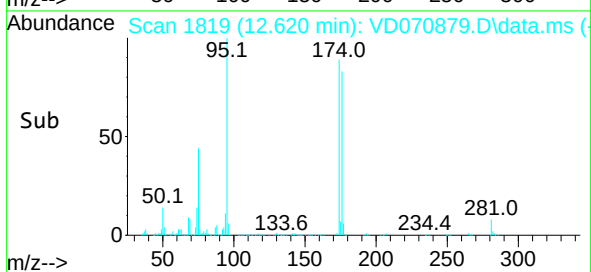
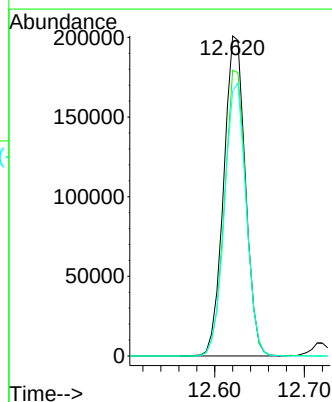
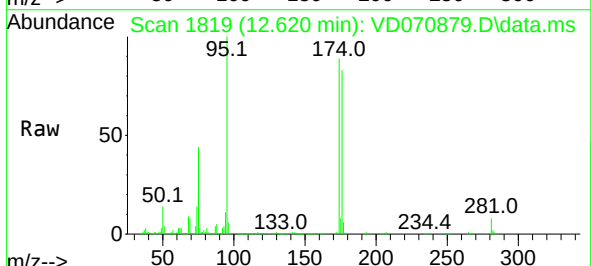
Instrument :  
MSVOA\_D  
ClientSampleId :

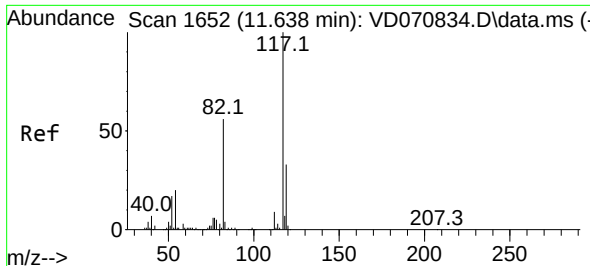
Tgt Ion:107 Resp: 76751  
Ion Ratio Lower Upper  
107 100  
109 94.4 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 53.146 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 95 Resp: 336931  
Ion Ratio Lower Upper  
95 100  
174 88.6 0.0 159.4  
176 85.0 0.0 154.0

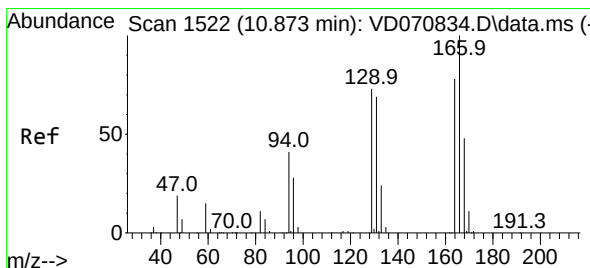
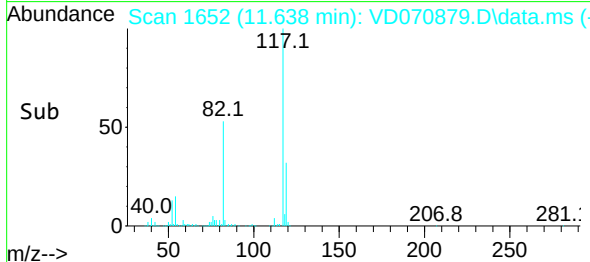
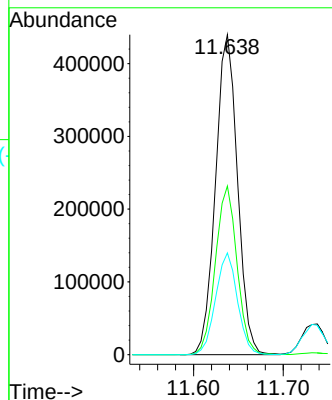
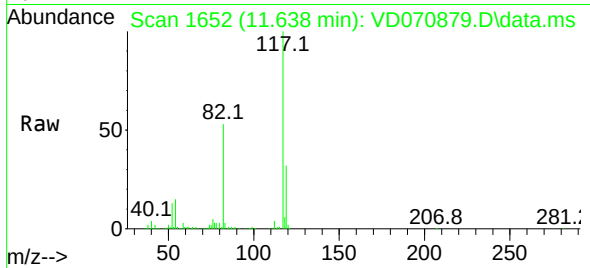




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

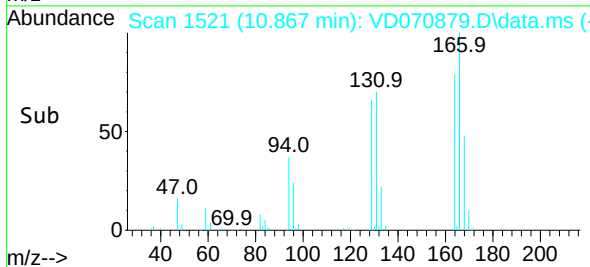
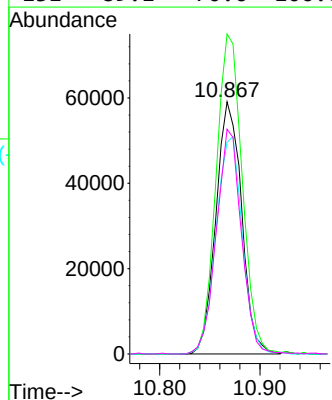
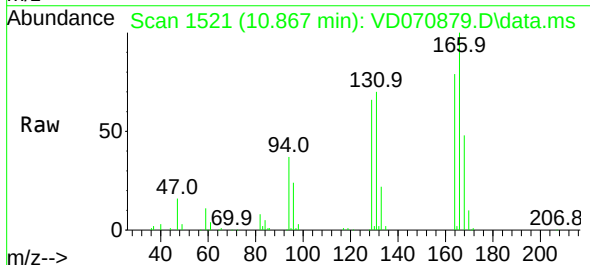
Instrument :  
MSVOA\_D  
ClientSampleId :

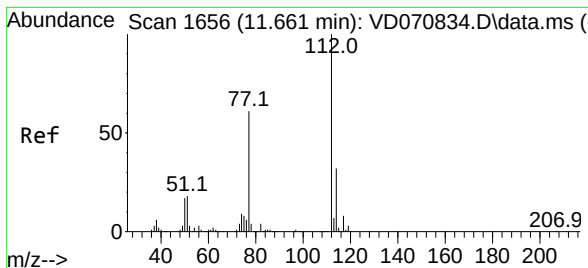
Tgt Ion:117 Resp: 747605  
Ion Ratio Lower Upper  
117 100  
82 52.6 44.7 67.1  
119 31.8 26.2 39.4



#64  
Tetrachloroethene  
Concen: 20.423 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. -0.006 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion:164 Resp: 104756  
Ion Ratio Lower Upper  
164 100  
166 126.9 102.6 153.8  
129 83.9 75.4 113.0  
131 89.1 70.6 106.0

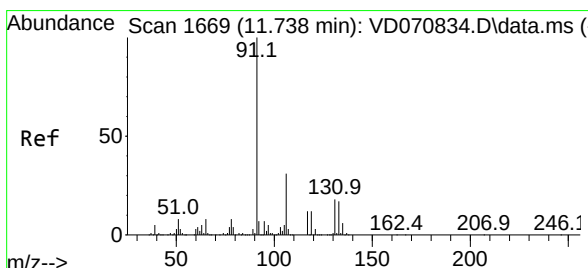
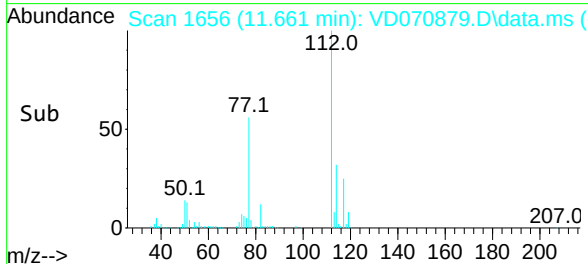
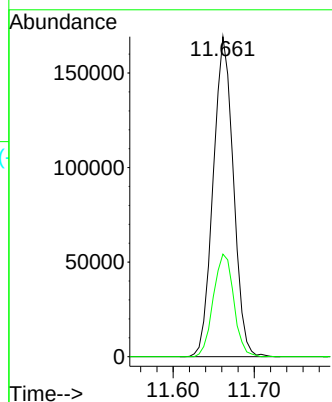
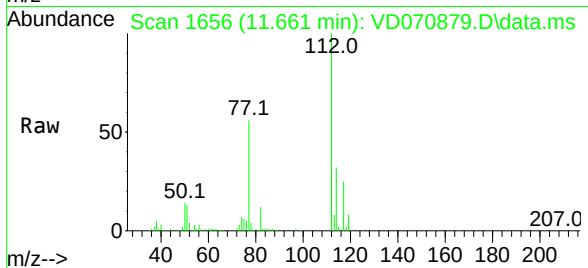




#65  
Chlorobenzene  
Concen: 19.079 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

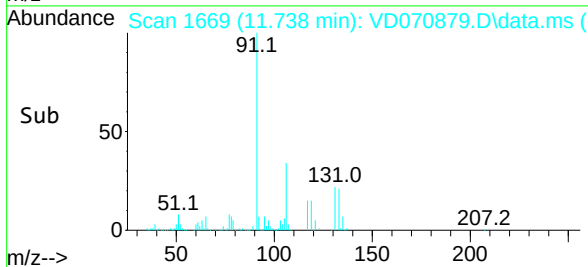
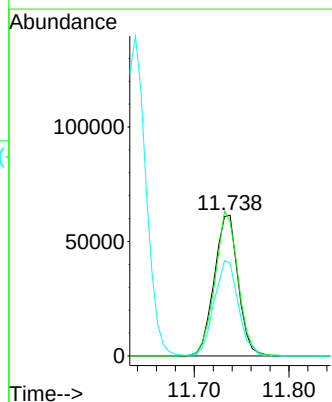
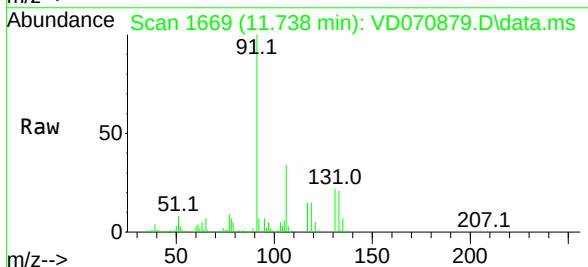
Instrument :  
MSVOA\_D  
ClientSampleId :

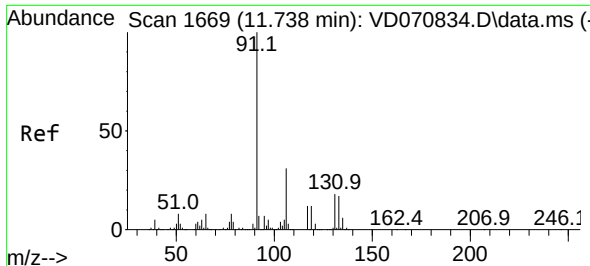
Tgt Ion:112 Resp: 292629  
Ion Ratio Lower Upper  
112 100  
114 32.0 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.973 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion:131 Resp: 107954  
Ion Ratio Lower Upper  
131 100  
133 99.4 48.0 144.0  
119 68.8 33.5 100.4

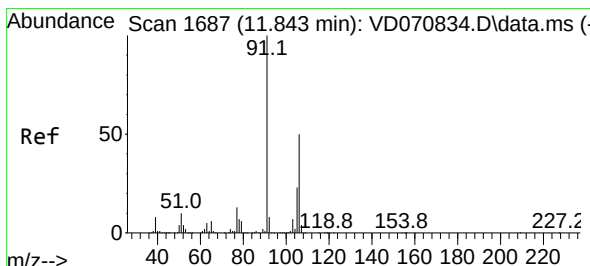
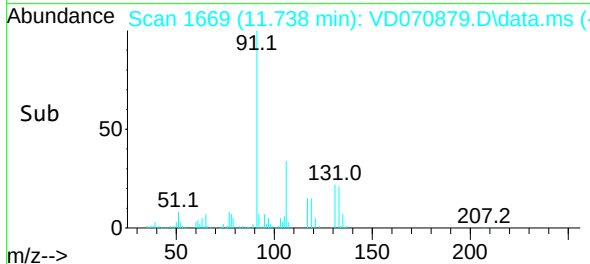
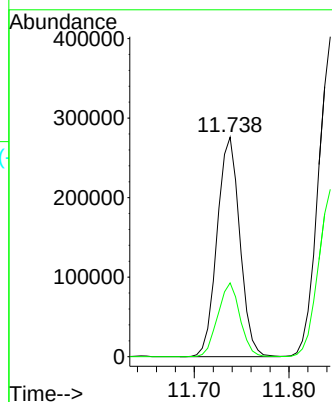
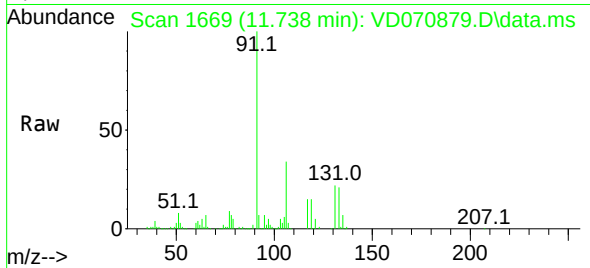




#67  
Ethyl Benzene  
Concen: 17.232 ug/l  
RT: 11.738 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

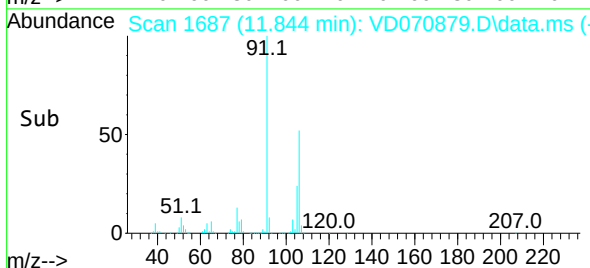
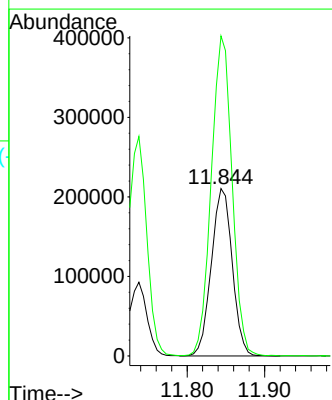
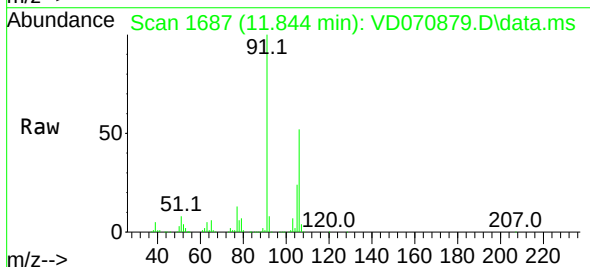
Instrument :  
MSVOA\_D  
ClientSampled :

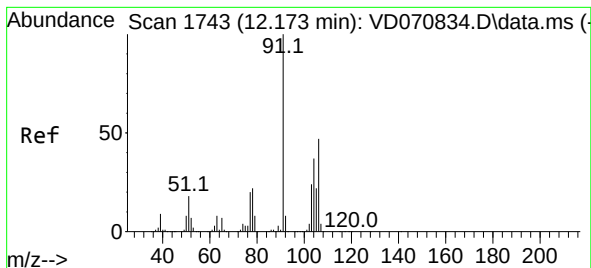
Tgt Ion: 91 Resp: 460245  
Ion Ratio Lower Upper  
91 100  
106 33.6 24.6 36.8



#68  
m/p-Xylenes  
Concen: 37.928 ug/l  
RT: 11.844 min Scan# 1687  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 106 Resp: 394443  
Ion Ratio Lower Upper  
106 100  
91 190.7 160.1 240.1

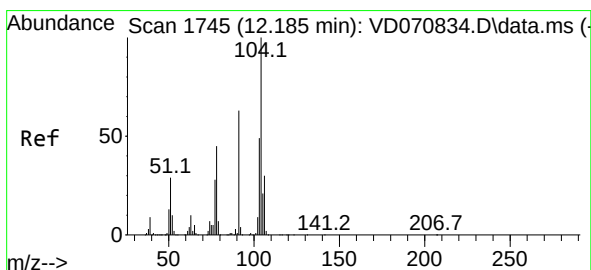
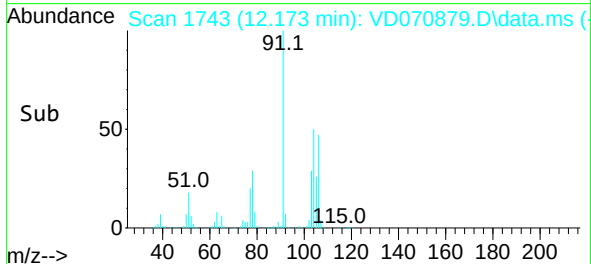
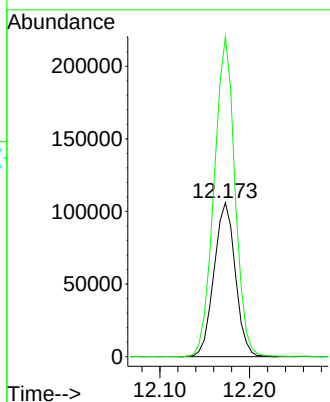
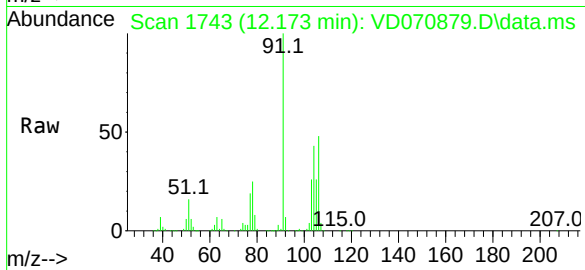




#69  
o-Xylene  
Concen: 18.525 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

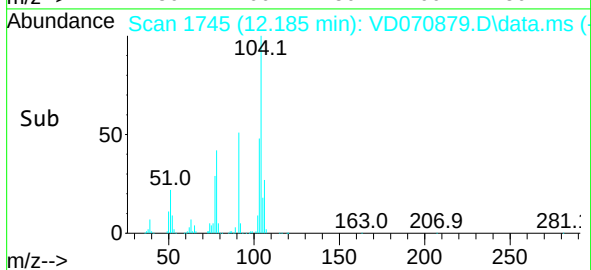
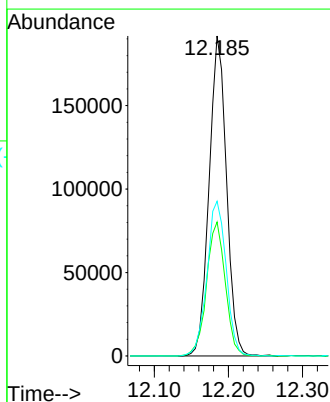
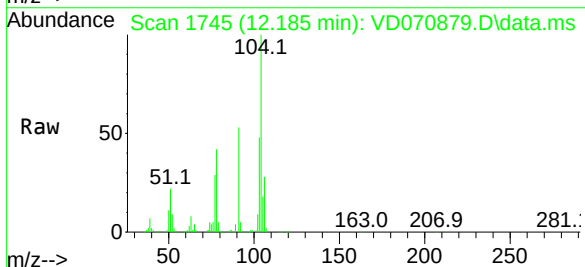
Instrument :  
MSVOA\_D  
ClientSampleId :

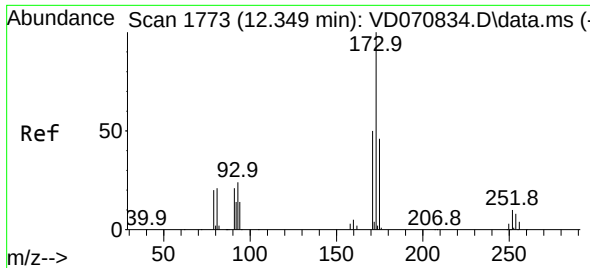
Tgt Ion:106 Resp: 174494  
Ion Ratio Lower Upper  
106 100  
91 204.0 106.3 319.0



#70  
Styrene  
Concen: 19.212 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion:104 Resp: 313413  
Ion Ratio Lower Upper  
104 100  
78 44.9 39.4 59.0  
103 53.4 43.4 65.0

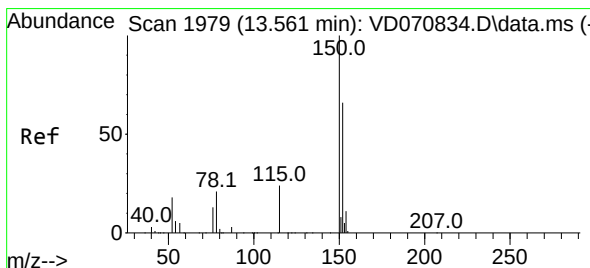
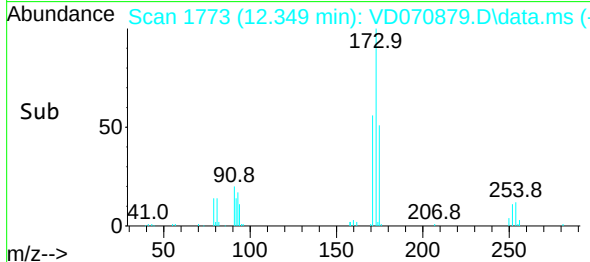
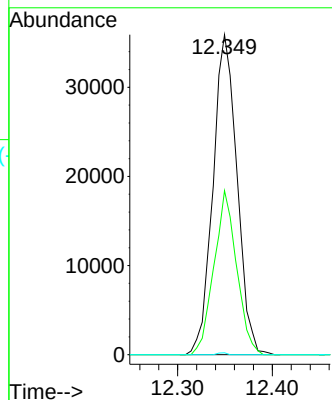
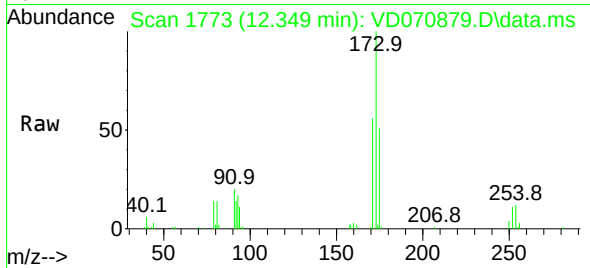




#71  
Bromoform  
Concen: 21.041 ug/l  
RT: 12.349 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

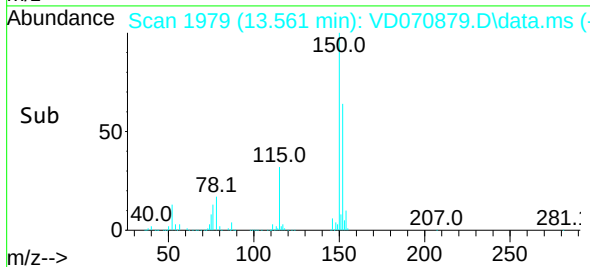
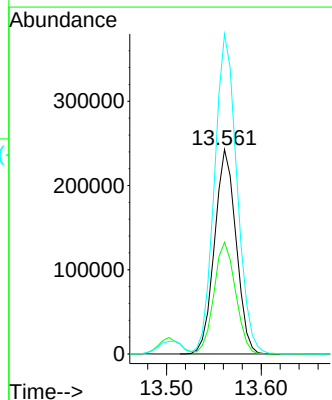
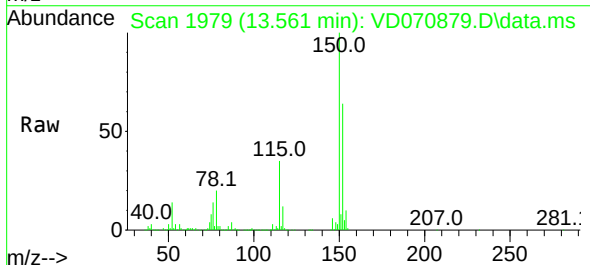
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:173 Resp: 63266  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.1 72.2  
254 0.2 0.1 0.1#

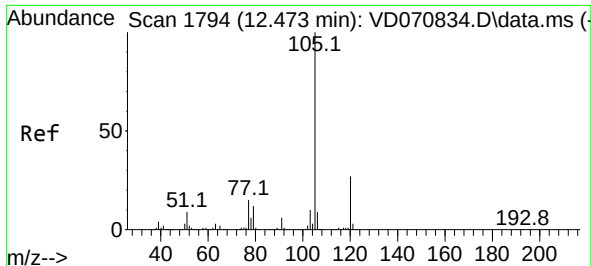


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion:152 Resp: 383991  
Ion Ratio Lower Upper  
152 100  
115 54.6 29.8 89.3  
150 163.4 0.0 349.2



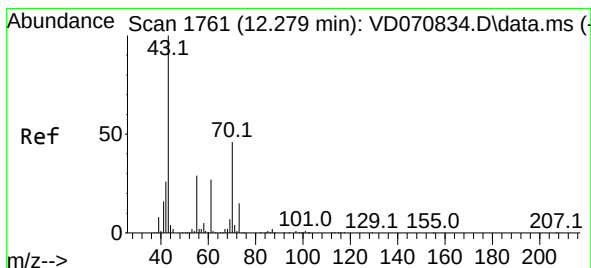
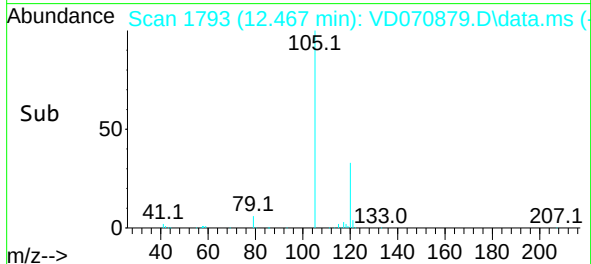
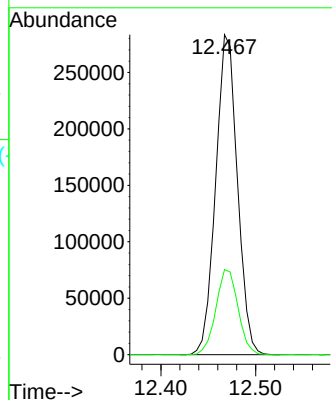
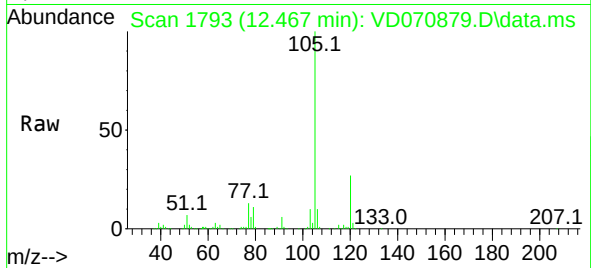




#73  
Isopropylbenzene  
Concen: 17.620 ug/l  
RT: 12.467 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

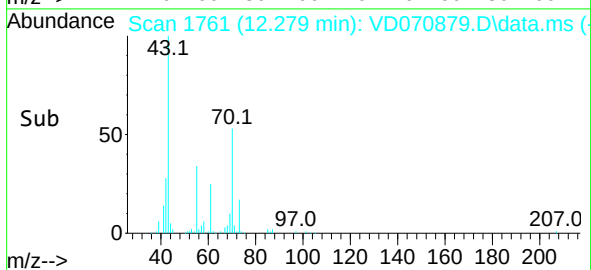
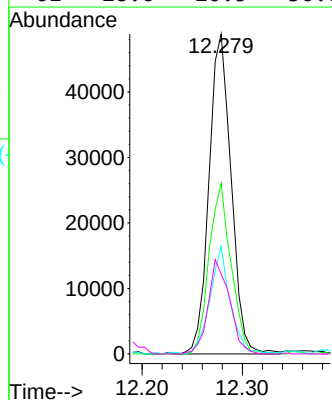
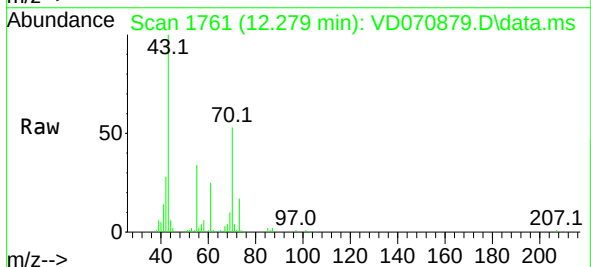
Instrument :  
MSVOA\_D  
ClientSampleId :

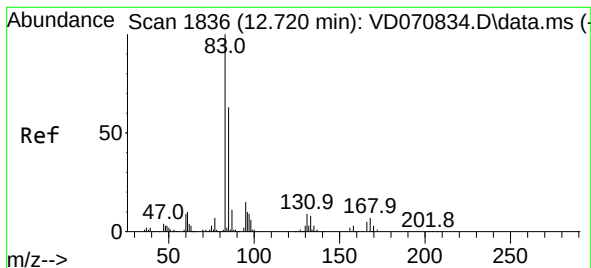
Tgt Ion:105 Resp: 451296  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.2 39.5



#74  
N-ethyl acetate  
Concen: 13.351 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 43 Resp: 75203  
Ion Ratio Lower Upper  
43 100  
70 53.0 36.6 55.0  
55 30.8 22.5 33.7  
61 28.6 20.5 30.7

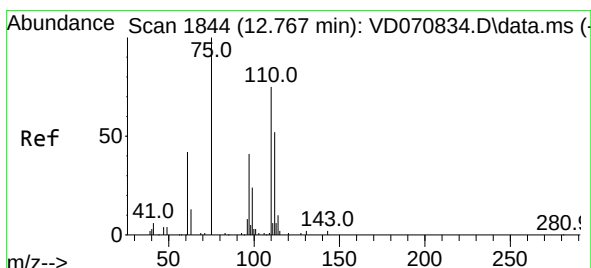
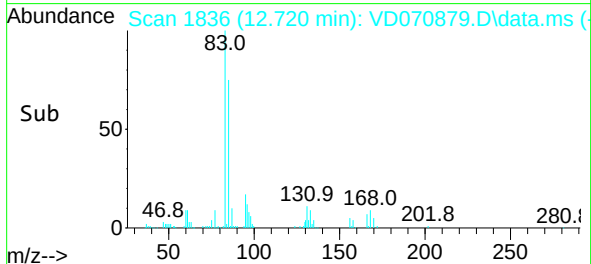
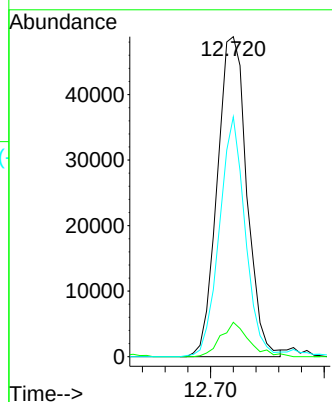
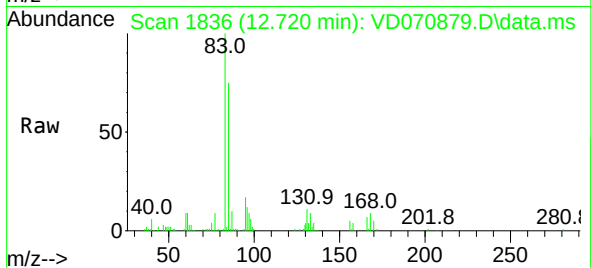




#75  
1,1,2,2-Tetrachloroethane  
Concen: 16.897 ug/l  
RT: 12.720 min Scan# 1836  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

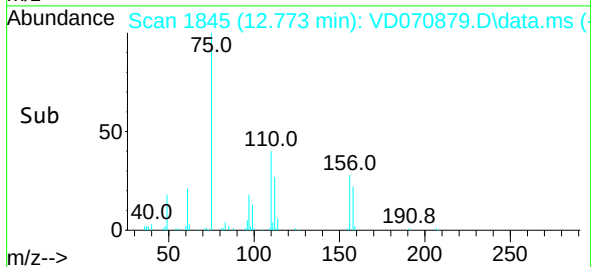
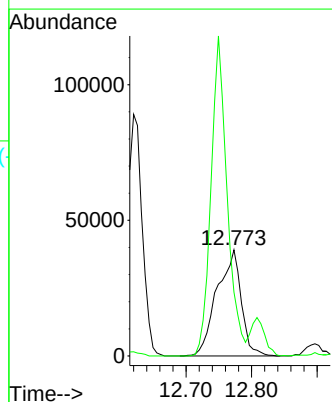
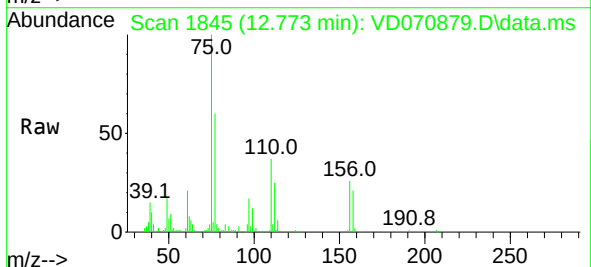
Instrument :  
MSVOA\_D  
ClientSampleId :

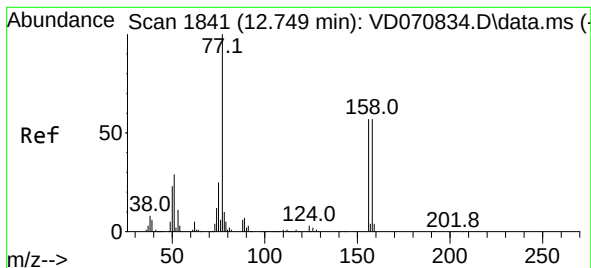
Tgt Ion: 83 Resp: 88313  
Ion Ratio Lower Upper  
83 100  
131 10.3 4.9 14.7  
85 65.5 32.0 96.2



#76  
1,2,3-Trichloropropane  
Concen: 26.574 ug/l  
RT: 12.773 min Scan# 1845  
Delta R.T. 0.006 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 75 Resp: 100453  
Ion Ratio Lower Upper  
75 100  
77 0.0 158.4 475.3#

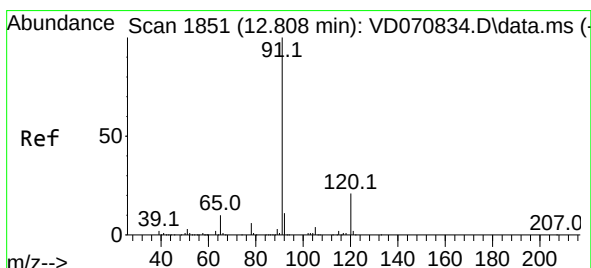
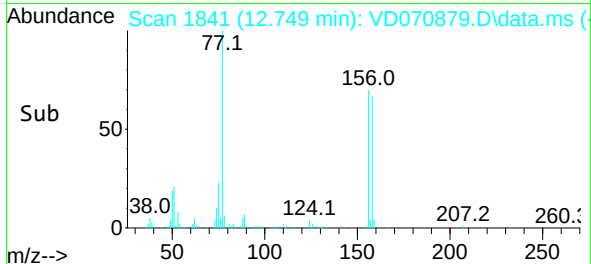
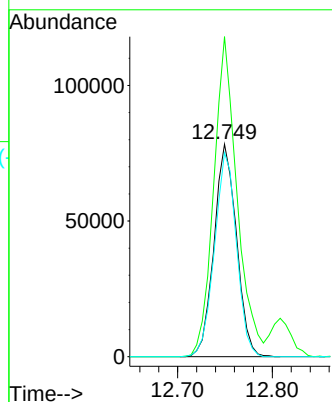
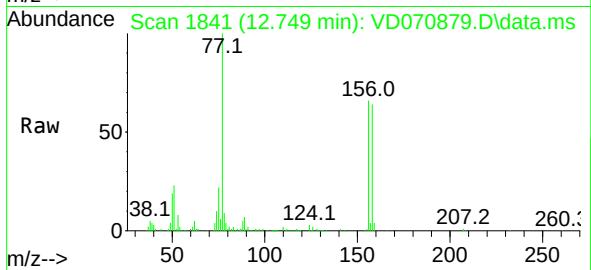




#77  
Bromobenzene  
Concen: 20.704 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

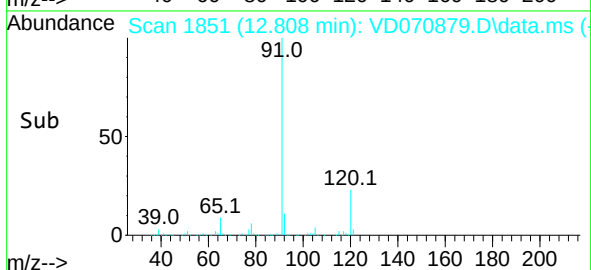
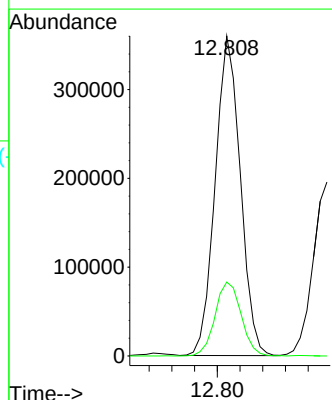
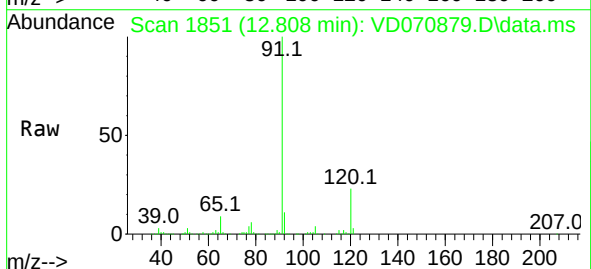
Instrument :  
MSVOA\_D  
ClientSampleId :

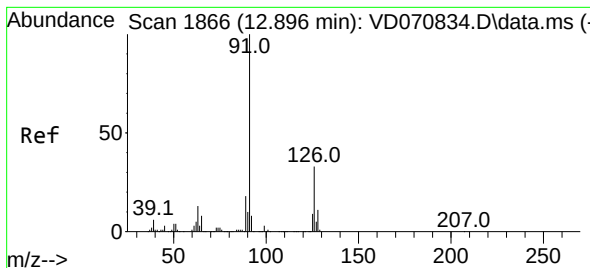
Tgt Ion:156 Resp: 129204  
Ion Ratio Lower Upper  
156 100  
77 156.9 96.6 289.8  
158 94.2 49.1 147.4



#78  
n-propylbenzene  
Concen: 16.807 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 91 Resp: 552511  
Ion Ratio Lower Upper  
91 100  
120 24.0 10.9 32.9

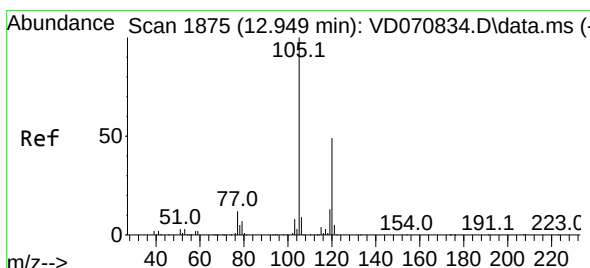
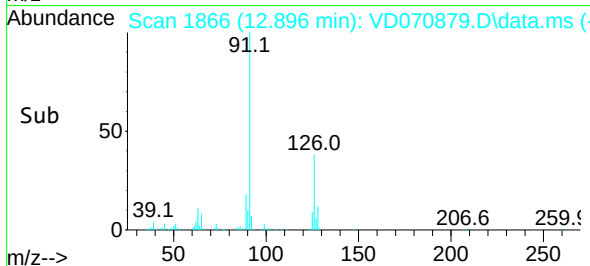
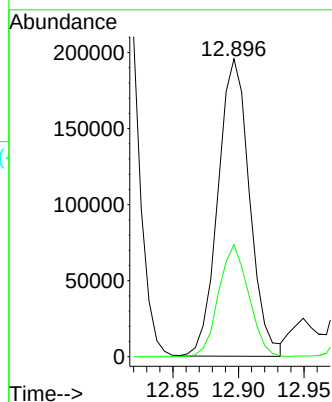
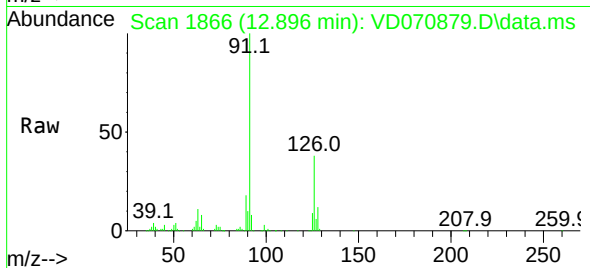




#79  
2-Chlorotoluene  
Concen: 17.171 ug/l  
RT: 12.896 min Scan# 1866  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

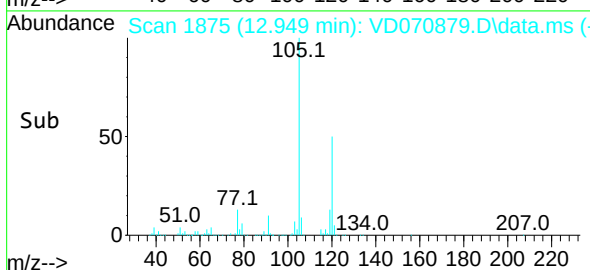
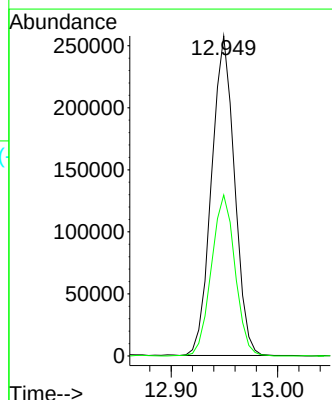
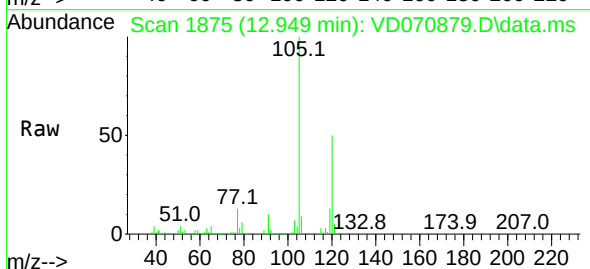
Instrument :  
MSVOA\_D  
ClientSampleId :

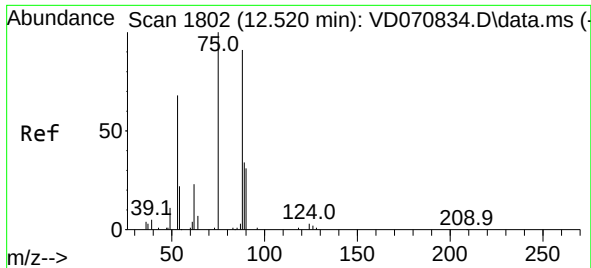
Tgt Ion: 91 Resp: 327766  
Ion Ratio Lower Upper  
91 100  
126 35.7 16.6 49.7



#80  
1,3,5-Trimethylbenzene  
Concen: 17.743 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 105 Resp: 385676  
Ion Ratio Lower Upper  
105 100  
120 51.8 24.6 73.8

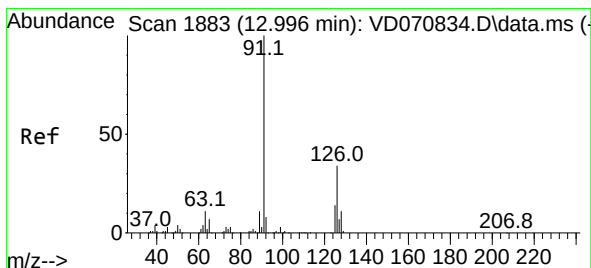
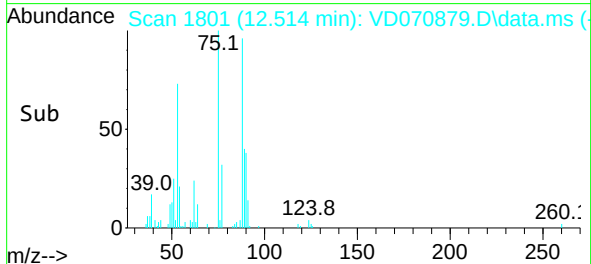
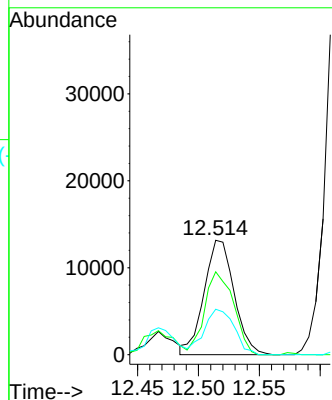
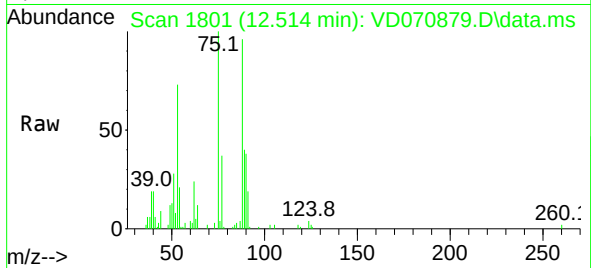




#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.732 ug/l  
RT: 12.514 min Scan# 1801  
Delta R.T. -0.006 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

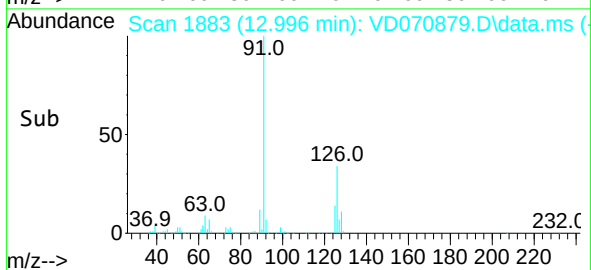
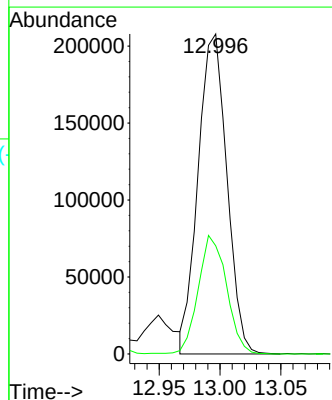
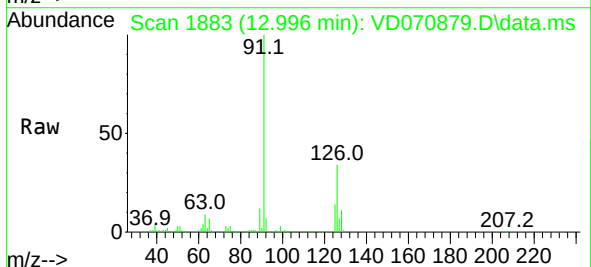
Instrument :  
MSVOA\_D  
ClientSampleId :

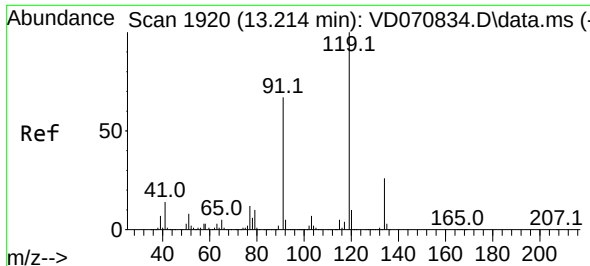
Tgt Ion: 75 Resp: 22658  
Ion Ratio Lower Upper  
75 100  
53 69.7 62.6 94.0  
89 39.7 34.5 51.7



#82  
4-Chlorotoluene  
Concen: 17.219 ug/l  
RT: 12.996 min Scan# 1883  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 91 Resp: 341572  
Ion Ratio Lower Upper  
91 100  
126 36.5 16.4 49.1

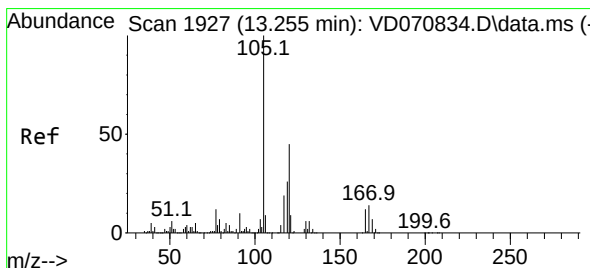
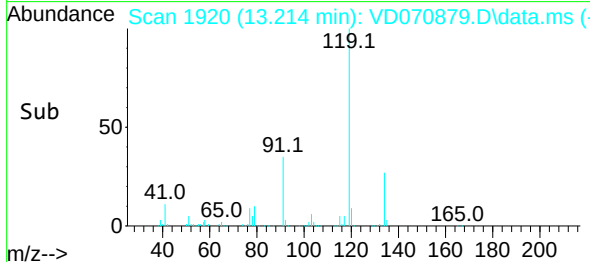
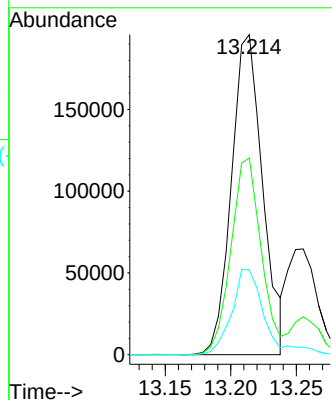
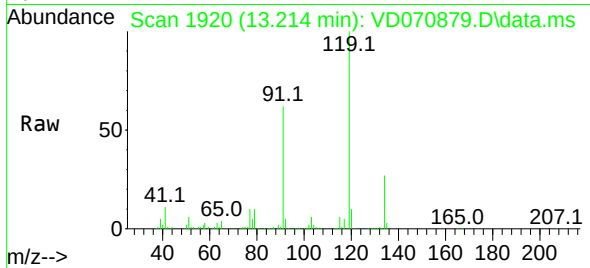




#83  
tert-Butylbenzene  
Concen: 17.910 ug/l  
RT: 13.214 min Scan# 1920  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

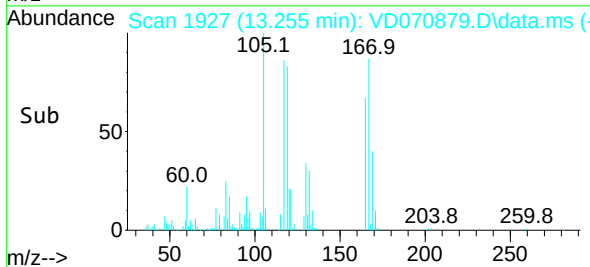
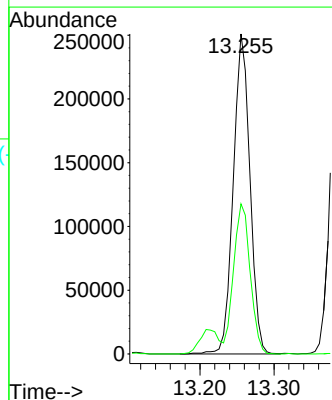
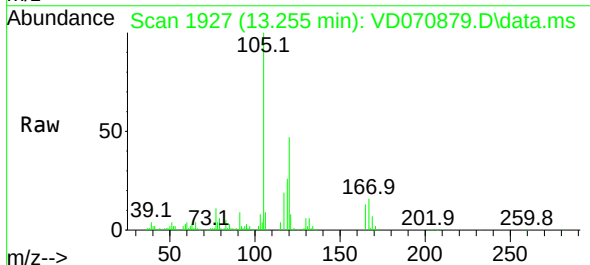
Instrument :  
MSVOA\_D  
ClientSampleId :

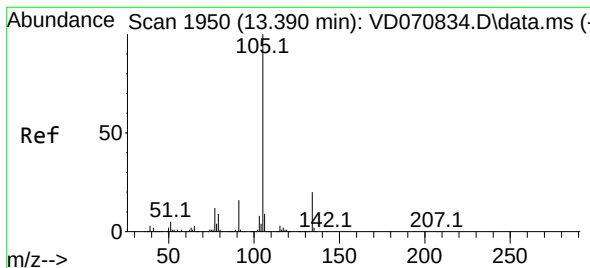
Tgt Ion:119 Resp: 324634  
Ion Ratio Lower Upper  
119 100  
91 59.5 32.5 97.5  
134 28.1 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 18.250 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion:105 Resp: 391126  
Ion Ratio Lower Upper  
105 100  
120 46.7 22.9 68.7

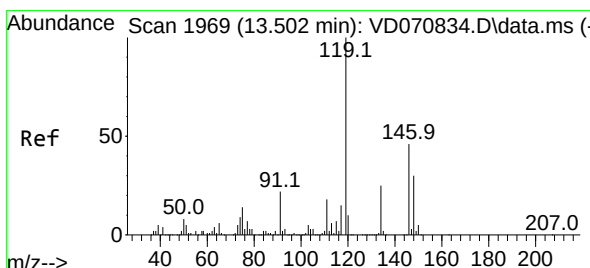
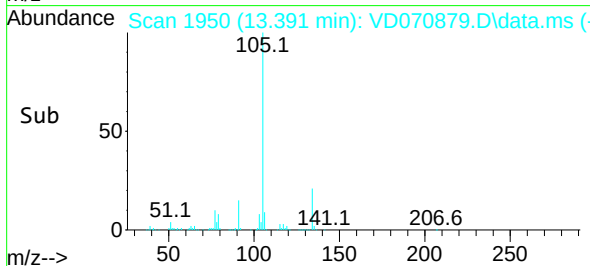
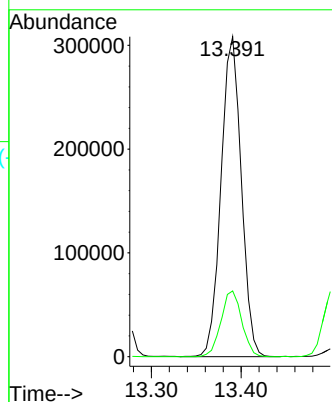
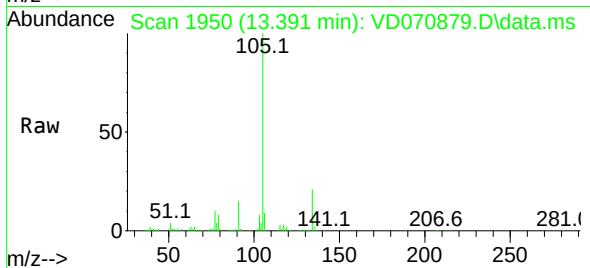




#85  
 sec-Butylbenzene  
 Concen: 16.890 ug/l  
 RT: 13.391 min Scan# 1950  
 Delta R.T. 0.000 min  
 Lab File: VD070879.D  
 Acq: 27 Oct 2021 23:48

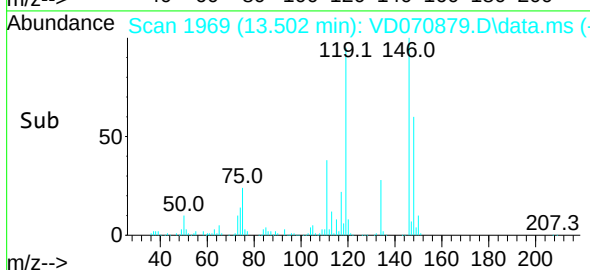
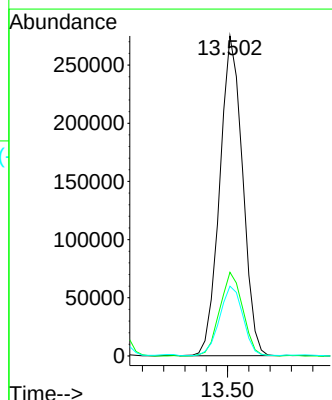
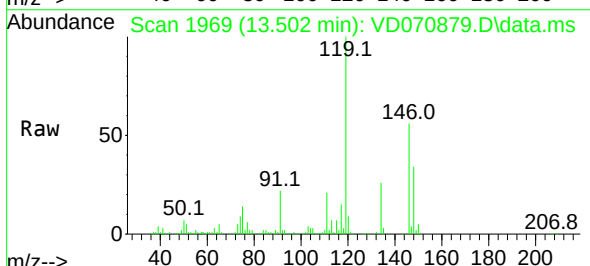
Instrument :  
 MSVOA\_D  
 ClientSampleId :

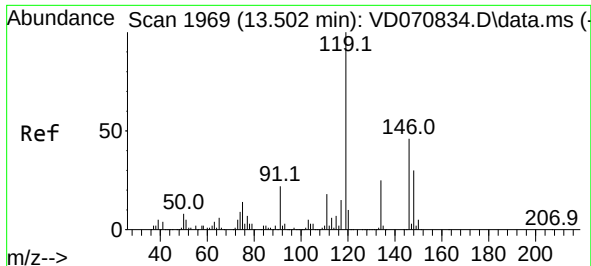
Tgt Ion:105 Resp: 482855  
 Ion Ratio Lower Upper  
 105 100  
 134 21.1 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 17.786 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD070879.D  
 Acq: 27 Oct 2021 23:48

Tgt Ion:119 Resp: 409068  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.0 38.9  
 91 22.2 11.4 34.2

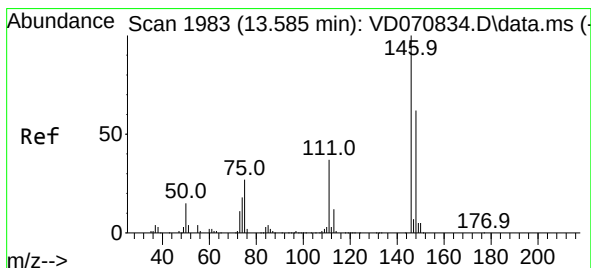
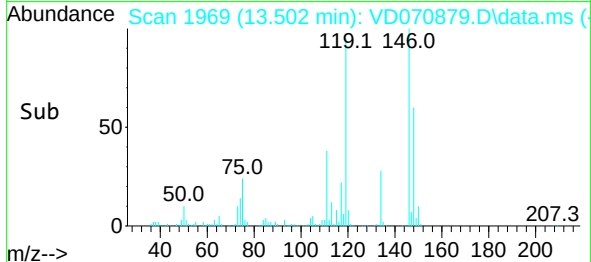
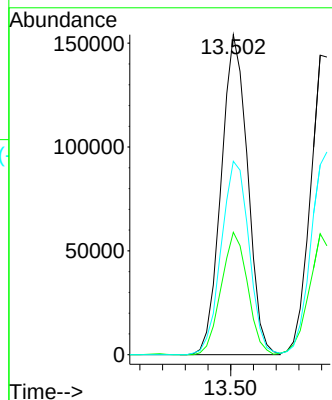
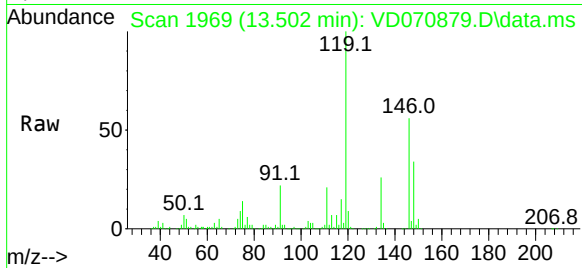




#87  
1,3-Dichlorobenzene  
Concen: 19.315 ug/l  
RT: 13.502 min Scan# 1969  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

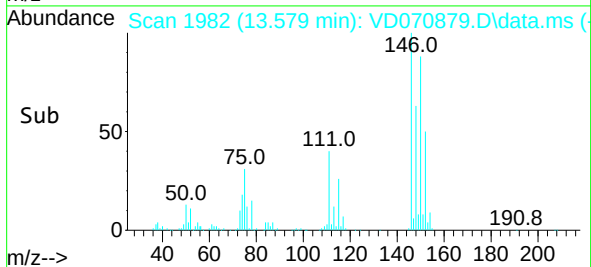
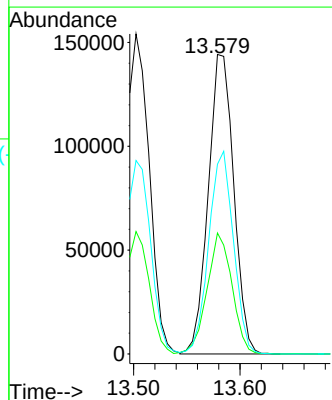
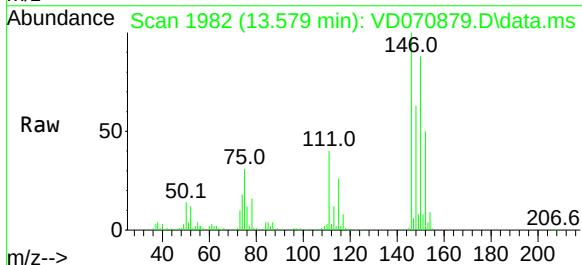
Instrument :  
MSVOA\_D  
ClientSampleId :

Tgt Ion:146 Resp: 248908  
Ion Ratio Lower Upper  
146 100  
111 38.1 19.8 59.4  
148 63.8 32.1 96.3

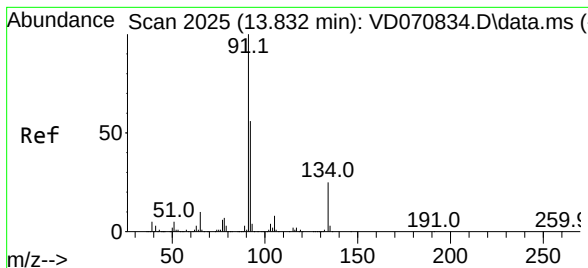


#88  
1,4-Dichlorobenzene  
Concen: 18.831 ug/l  
RT: 13.579 min Scan# 1982  
Delta R.T. -0.006 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion:146 Resp: 240659  
Ion Ratio Lower Upper  
146 100  
111 39.5 19.6 58.8  
148 65.6 31.5 94.5



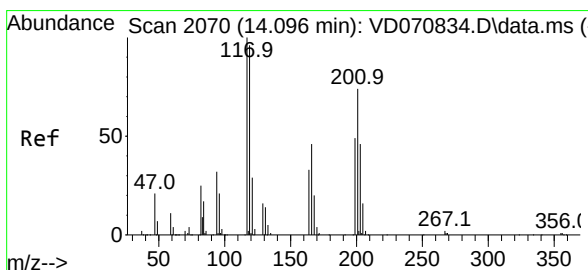
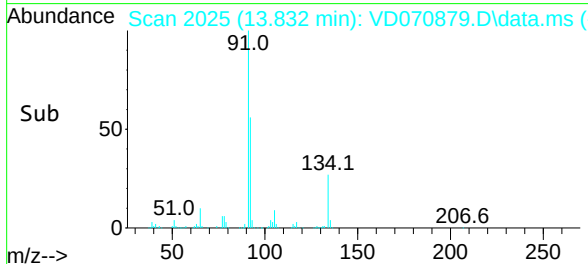
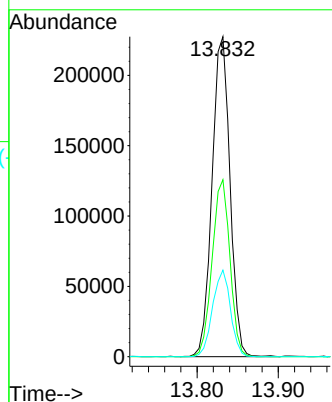
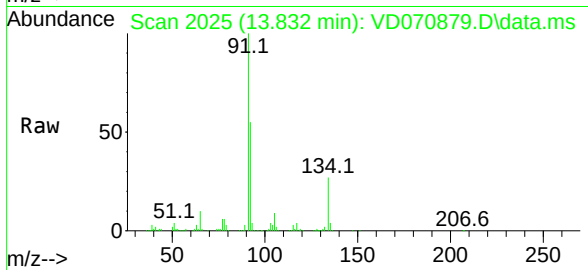




#89  
n-Butylbenzene  
Concen: 15.486 ug/l  
RT: 13.832 min Scan# 2025  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

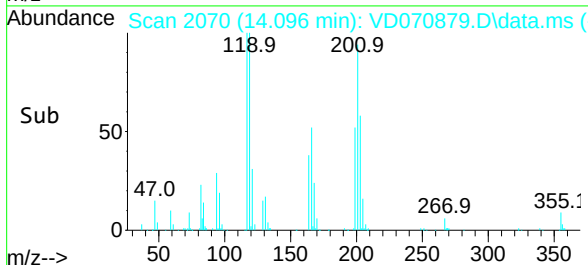
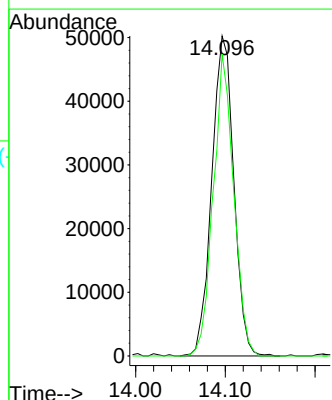
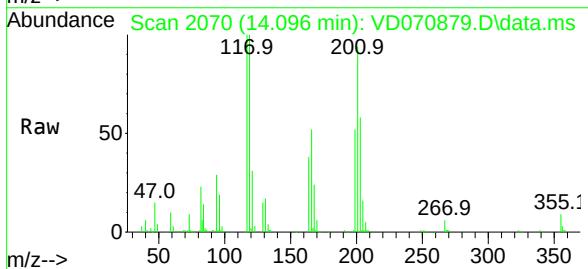
Instrument :  
MSVOA\_D  
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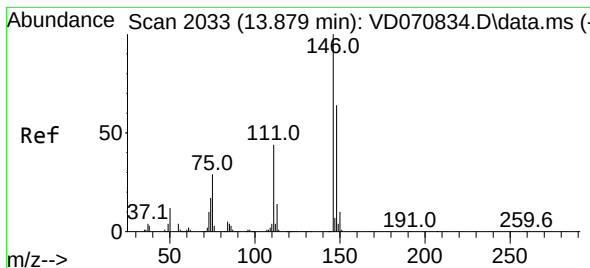
Tgt Ion: 91 Resp: 348989  
Ion Ratio Lower Upper  
91 100  
92 54.8 27.3 81.9  
134 26.9 12.3 36.9



#90  
Hexachloroethane  
Concen: 16.621 ug/l  
RT: 14.096 min Scan# 2070  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 117 Resp: 85785  
Ion Ratio Lower Upper  
117 100  
201 87.8 36.0 108.1

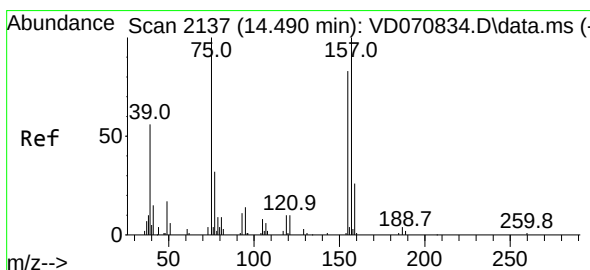
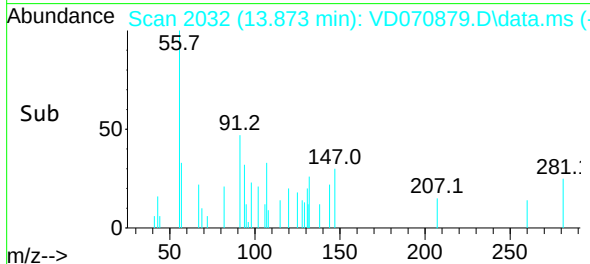
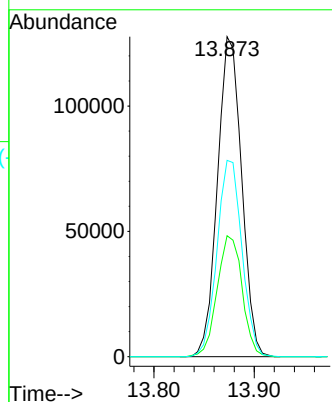
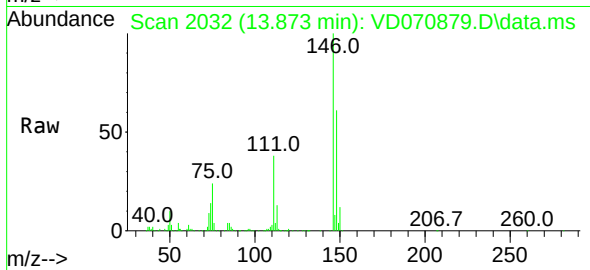




#91  
1,2-Dichlorobenzene  
Concen: 19.449 ug/l  
RT: 13.873 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

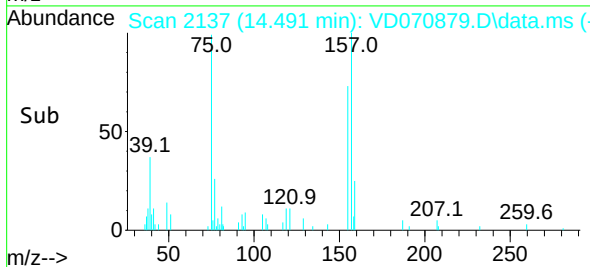
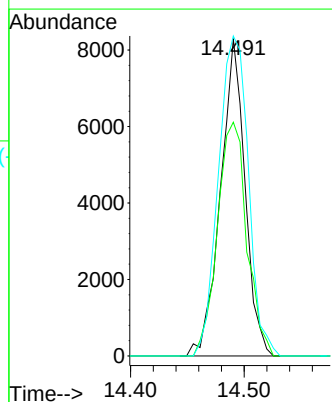
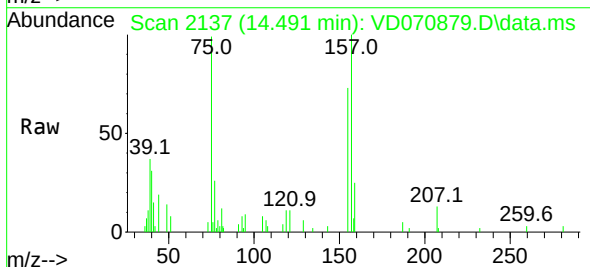
Instrument :  
MSVOA\_D  
ClientSampleId :

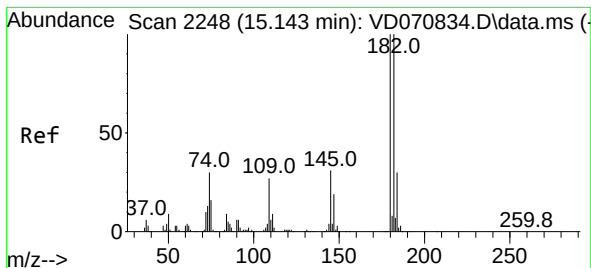
Tgt Ion:146 Resp: 213869  
Ion Ratio Lower Upper  
146 100  
111 39.0 20.8 62.2  
148 63.3 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 16.315 ug/l  
RT: 14.491 min Scan# 2137  
Delta R.T. 0.000 min  
Lab File: VD070879.D  
Acq: 27 Oct 2021 23:48

Tgt Ion: 75 Resp: 12423  
Ion Ratio Lower Upper  
75 100  
155 88.3 40.0 120.0  
157 123.3 49.8 149.3





#93

1,2,4-Trichlorobenzene

Concen: 19.553 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD070879.D

Acq: 27 Oct 2021 23:48

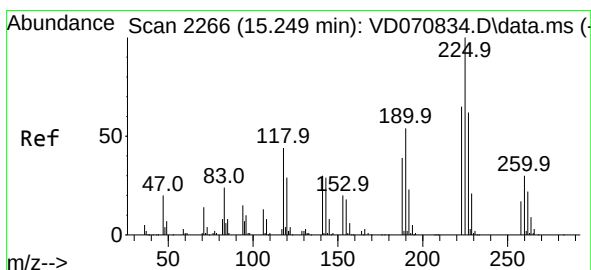
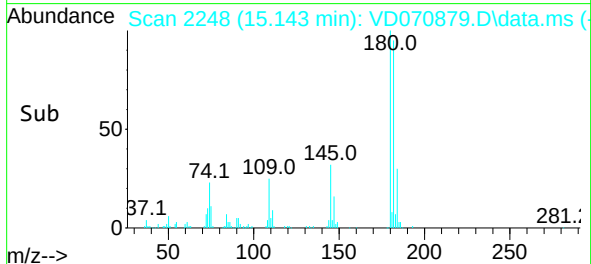
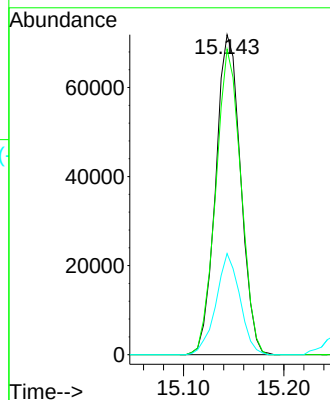
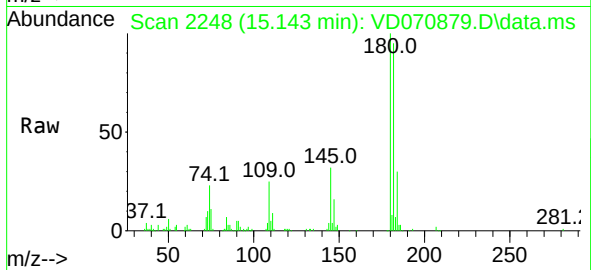
Tgt Ion:180 Resp: 124235

Ion Ratio Lower Upper

180 100

182 96.3 48.2 144.6

145 30.3 15.4 46.2



#94

Hexachlorobutadiene

Concen: 19.542 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD070879.D

Acq: 27 Oct 2021 23:48

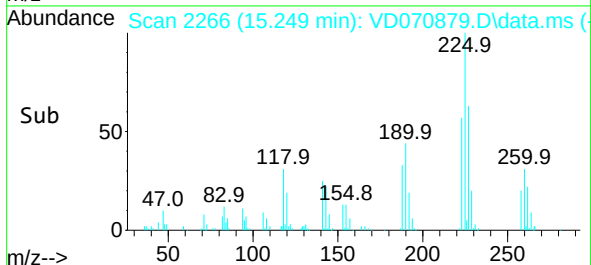
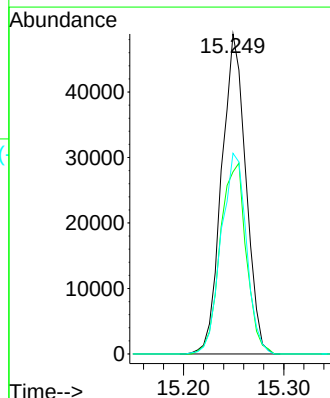
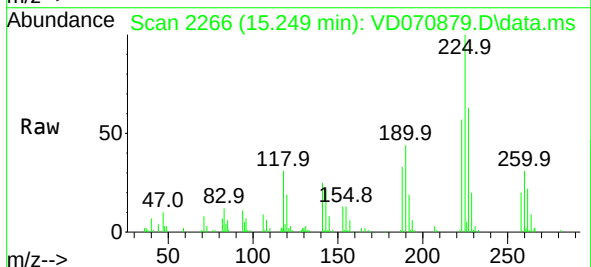
Tgt Ion:225 Resp: 81808

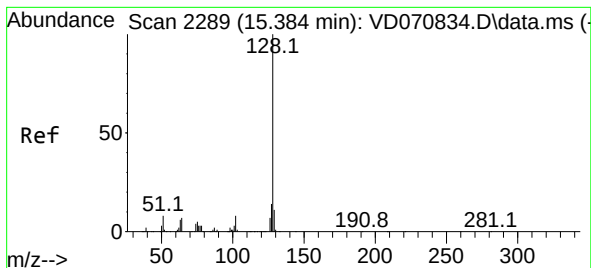
Ion Ratio Lower Upper

225 100

223 64.0 31.8 95.3

227 65.6 31.6 94.8





#95

Naphthalene

Concen: 18.763 ug/l

RT: 15.385 min Scan# 2289

Delta R.T. 0.001 min

Lab File: VD070879.D

Acq: 27 Oct 2021 23:48

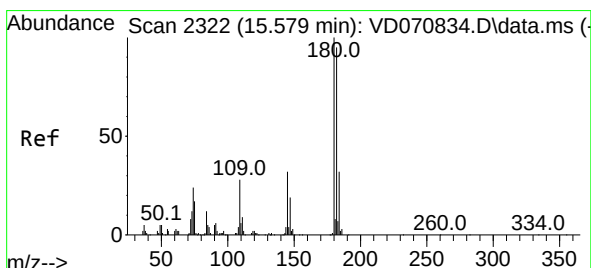
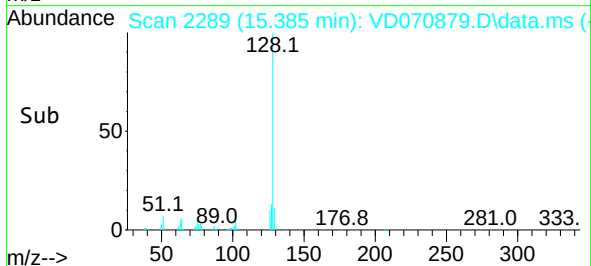
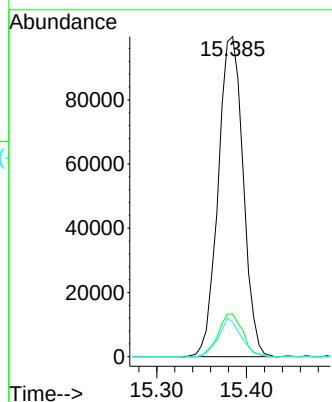
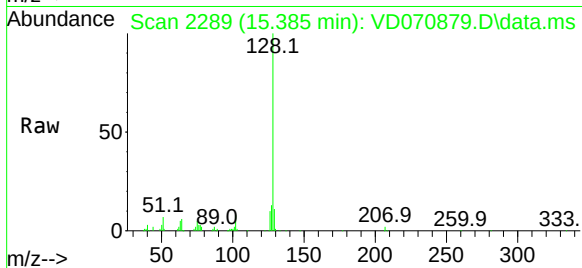
Tgt Ion:128 Resp: 192410

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.786 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VD070879.D

Acq: 27 Oct 2021 23:48

Tgt Ion:180 Resp: 109246

Ion Ratio Lower Upper

180 100

182 95.3 46.7 140.1

145 32.6 15.9 47.6

