

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110921\  
 Data File : VD070961.D  
 Acq On : 09 Nov 2021 20:34  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 10 03:59:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110921S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 10 03:55:51 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.973  | 168  | 304595   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.856  | 114  | 573764   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 532551   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.561 | 152  | 238132   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 191877   | 59.166   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 118.340% |      |
| 35) Dibromofluoromethane    | 7.914  | 113   | 175996   | 54.359   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 108.720% |      |
| 50) Toluene-d8              | 10.332 | 98    | 664433   | 52.403   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 104.800% |      |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 240339   | 52.644   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 105.280% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 1.985 | 85  | 131115  | 50.383  | ug/l   | 95  |
| 3) Chloromethane             | 2.209 | 50  | 186357  | 60.179  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.344 | 62  | 182970  | 61.437  | ug/l   | 98  |
| 5) Bromomethane              | 2.762 | 94  | 122647  | 60.419  | ug/l   | 97  |
| 6) Chloroethane              | 2.921 | 64  | 123607  | 64.622  | ug/l   | 92  |
| 7) Trichlorofluoromethane    | 3.268 | 101 | 254816  | 53.164  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.709 | 74  | 99566   | 62.768  | ug/l   | 89  |
| 9) 1,1,2-Trichlorotrifluo... | 4.085 | 101 | 156560  | 52.991  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.297 | 142 | 186443  | 52.441  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 5.220 | 59  | 74229   | 313.188 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.068 | 96  | 160687  | 55.555  | ug/l   | 91  |
| 13) Acrolein                 | 3.915 | 56  | 17874   | 246.674 | ug/l   | 93  |
| 14) Allyl chloride           | 4.715 | 41  | 354990  | 58.924  | ug/l # | 86  |
| 15) Acrylonitrile            | 5.420 | 53  | 248616  | 327.542 | ug/l   | 97  |
| 16) Acetone                  | 4.156 | 43  | 213837  | 244.625 | ug/l   | 89  |
| 17) Carbon Disulfide         | 4.403 | 76  | 524181  | 56.126  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.715 | 43  | 220090  | 79.105  | ug/l   | 93  |
| 19) Methyl tert-butyl Ether  | 5.473 | 73  | 485871  | 65.071  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.962 | 84  | 218859  | 59.436  | ug/l   | 90  |
| 21) trans-1,2-Dichloroethene | 5.467 | 96  | 194457  | 58.656  | ug/l   | 89  |
| 22) Diisopropyl ether        | 6.356 | 45  | 743129  | 62.046  | ug/l   | 94  |
| 23) Vinyl Acetate            | 6.303 | 43  | 1781945 | 276.331 | ug/l   | 96  |
| 24) 1,1-Dichloroethane       | 6.262 | 63  | 383671  | 59.975  | ug/l   | 99  |
| 25) 2-Butanone               | 7.209 | 43  | 331854  | 289.690 | ug/l # | 84  |
| 26) 2,2-Dichloropropane      | 7.203 | 77  | 286071  | 52.986  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.209 | 96  | 228787  | 60.371  | ug/l   | 94  |
| 28) Bromochloromethane       | 7.538 | 49  | 169190  | 62.355  | ug/l   | 89  |
| 29) Tetrahydrofuran          | 7.556 | 42  | 224296  | 340.395 | ug/l   | 91  |
| 30) Chloroform               | 7.709 | 83  | 373977  | 61.488  | ug/l   | 100 |
| 31) Cyclohexane              | 7.979 | 56  | 329980  | 49.478  | ug/l   | 100 |
| 32) 1,1,1-Trichloroethane    | 7.903 | 97  | 305216  | 58.429  | ug/l   | 95  |
| 36) 1,1-Dichloropropene      | 8.109 | 75  | 271795  | 53.056  | ug/l   | 98  |
| 37) Ethyl Acetate            | 7.291 | 43  | 144489  | 61.821  | ug/l # | 94  |
| 38) Carbon Tetrachloride     | 8.091 | 117 | 250833  | 53.169  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.350 | 83  | 326088  | 49.286  | ug/l   | 100 |
| 40) Benzene                  | 8.344 | 78  | 807789  | 55.991  | ug/l   | 97  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110921\  
 Data File : VD070961.D  
 Acq On : 09 Nov 2021 20:34  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 10 03:59:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110921S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 10 03:55:51 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.514  | 41   | 91613    | 54.470   | ug/l # | 75       |
| 42) 1,2-Dichloroethane        | 8.420  | 62   | 245770   | 60.144   | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.450  | 43   | 300409   | 60.733   | ug/l # | 89       |
| 44) Trichloroethene           | 9.108  | 130  | 205883   | 55.365   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.379  | 63   | 220136   | 56.421   | ug/l   | 99       |
| 46) Dibromomethane            | 9.467  | 93   | 114218   | 61.503   | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.655  | 83   | 292702   | 59.588   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.450  | 41   | 151887   | 62.595   | ug/l # | 81       |
| 49) 1,4-Dioxane               | 9.450  | 88   | 28475    | 1323.355 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.220 | 43   | 770001   | 321.091  | ug/l   | 91       |
| 52) Toluene                   | 10.397 | 92   | 509700   | 56.046   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.614 | 75   | 289165   | 58.376   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.085 | 75   | 328806   | 56.291   | ug/l # | 83       |
| 55) 1,1,2-Trichloroethane     | 10.791 | 97   | 153565   | 60.165   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.655 | 69   | 221423   | 61.312   | ug/l # | 76       |
| 57) 1,3-Dichloropropane       | 10.938 | 76   | 280176   | 60.446   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.932  | 63   | 546305   | 290.980  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.979 | 43   | 524038   | 277.570  | ug/l   | 90       |
| 60) Dibromochloromethane      | 11.132 | 129  | 184265   | 60.178   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.238 | 107  | 150298   | 60.535   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.867 | 164  | 168831   | 54.367   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.661 | 112  | 529742   | 55.751   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.732 | 131  | 194992   | 57.817   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.732 | 91   | 973686   | 54.110   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.844 | 106  | 735005   | 109.289  | ug/l   | 95       |
| 69) o-Xylene                  | 12.173 | 106  | 363215   | 56.779   | ug/l   | 99       |
| 70) Styrene                   | 12.185 | 104  | 617717   | 57.030   | ug/l   | 97       |
| 71) Bromoform                 | 12.349 | 173  | 103462   | 58.828   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.467 | 105  | 917944   | 53.508   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.279 | 43   | 282406   | 57.621   | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.720 | 83   | 176830   | 59.885   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.767 | 75   | 232897   | 114.495  | ug/l   | 35       |
| 77) Bromobenzene              | 12.749 | 156  | 207930   | 56.727   | ug/l   | 94       |
| 78) n-propylbenzene           | 12.808 | 91   | 1138657  | 53.566   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.897 | 91   | 658750   | 54.351   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.949 | 105  | 771292   | 54.605   | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.514 | 75   | 55651    | 52.520   | ug/l # | 86       |
| 82) 4-Chlorotoluene           | 12.991 | 91   | 691559   | 55.285   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.208 | 119  | 660799   | 54.308   | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.255 | 105  | 770674   | 55.712   | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.391 | 105  | 967792   | 52.906   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.502 | 119  | 794975   | 54.122   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.502 | 146  | 399461   | 55.738   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.579 | 146  | 401144   | 55.903   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.826 | 91   | 783399   | 53.069   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.096 | 117  | 159586   | 54.903   | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 13.873 | 146  | 359319   | 57.861   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.491 | 75   | 27498    | 56.780   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.143 | 180  | 223723   | 56.308   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.249 | 225  | 107744   | 53.769   | ug/l   | 99       |
| 95) Naphthalene               | 15.379 | 128  | 461606   | 60.845   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.573 | 180  | 196888   | 58.936   | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110921\  
Data File : VD070961.D  
Acq On : 09 Nov 2021 20:34  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Nov 10 03:59:17 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110921S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 10 03:55:51 2021  
Response via : Initial Calibration

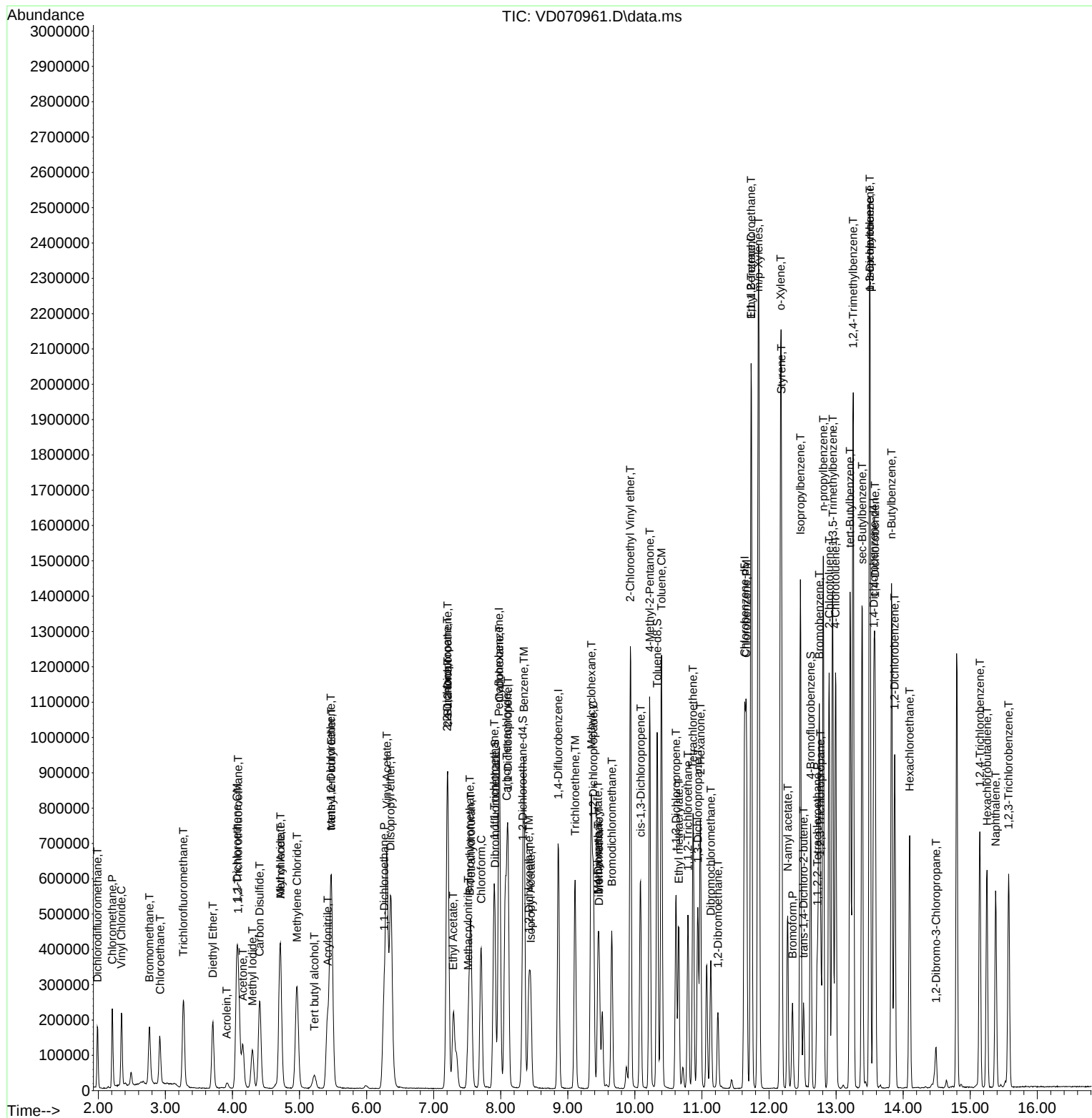
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

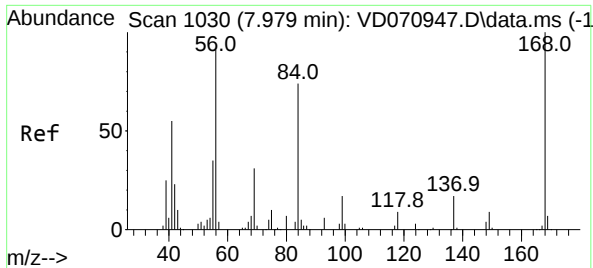
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD110921\  
 Data File : VD070961.D  
 Acq On : 09 Nov 2021 20:34  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Nov 10 03:59:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110921S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 10 03:55:51 2021  
 Response via : Initial Calibration

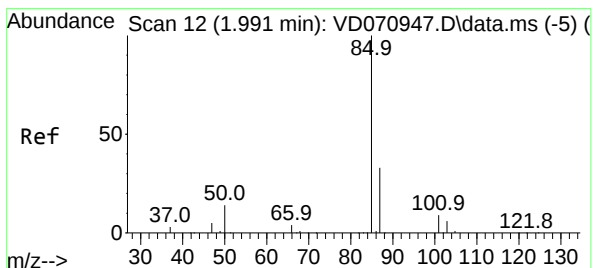
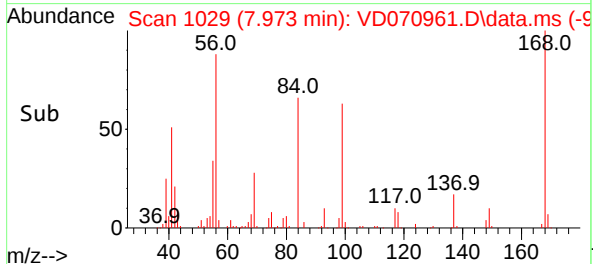
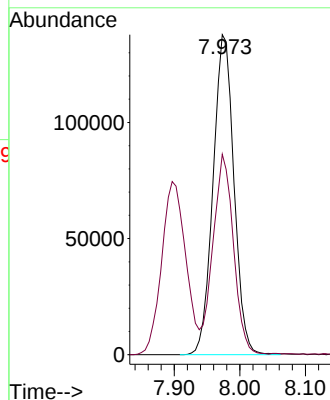
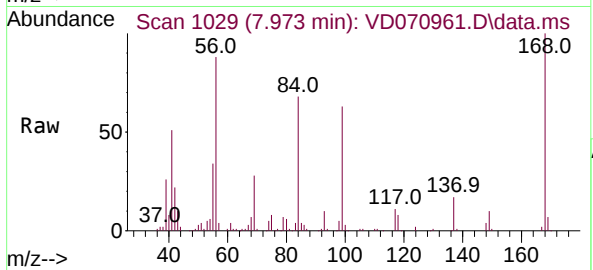




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

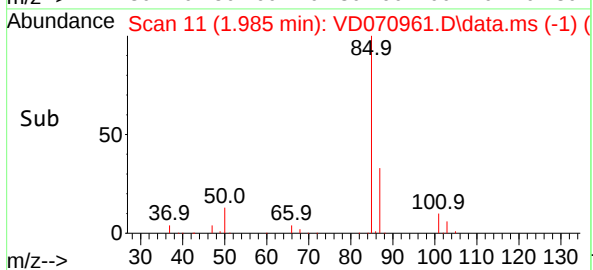
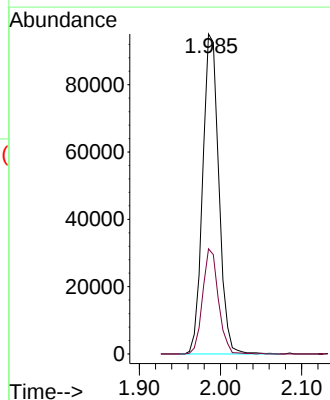
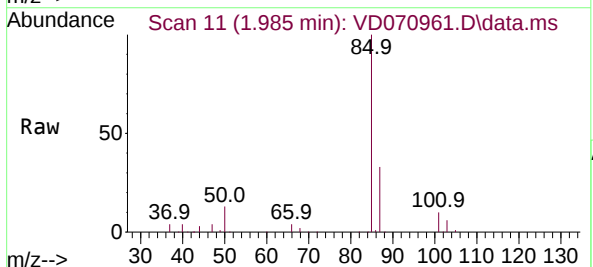
Instrument :  
MSVOA\_D  
ClientSampleId :

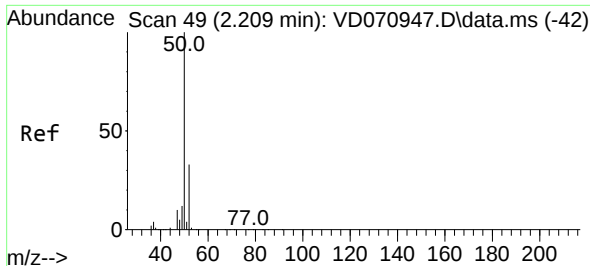
Tgt Ion:168 Resp: 304595  
Ion Ratio Lower Upper  
168 100  
99 62.3 46.6 69.8



#2  
Dichlorodifluoromethane  
Concen: 50.383 ug/l  
RT: 1.985 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion: 85 Resp: 131115  
Ion Ratio Lower Upper  
85 100  
87 32.9 15.2 45.6

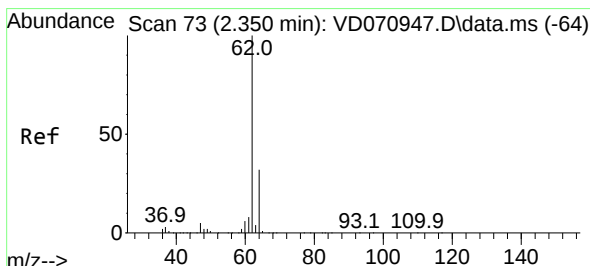
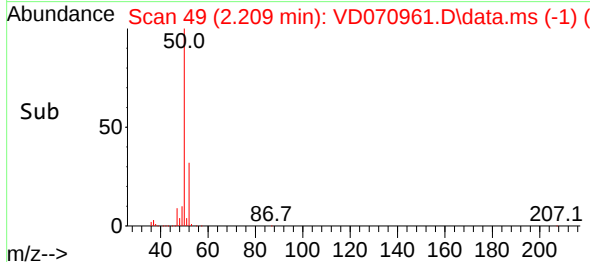
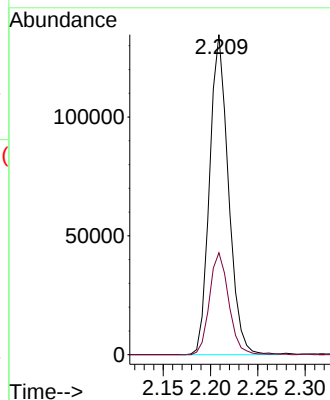
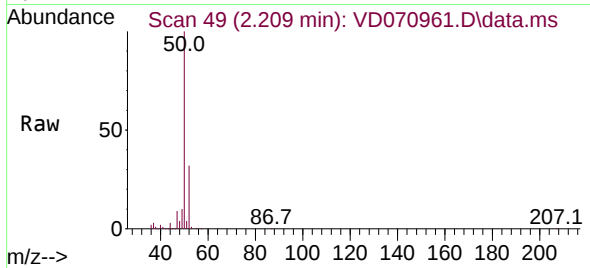




#3  
Chloromethane  
Concen: 60.179 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

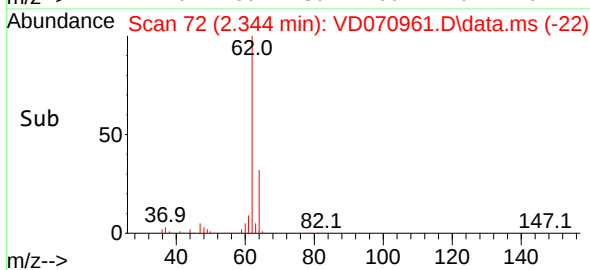
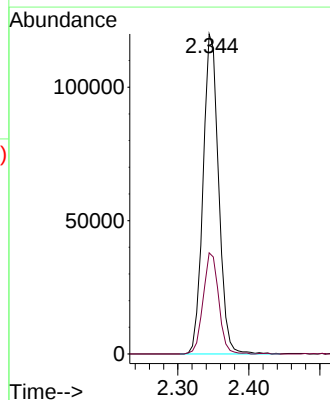
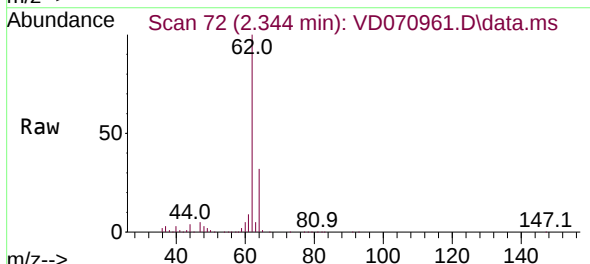
Instrument :  
MSVOA\_D  
ClientSampleId :

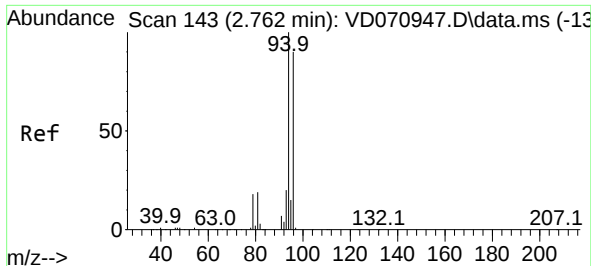
Tgt Ion: 50 Resp: 186357  
Ion Ratio Lower Upper  
50 100  
52 31.8 25.8 38.8



#4  
Vinyl Chloride  
Concen: 61.437 ug/l  
RT: 2.344 min Scan# 72  
Delta R.T. -0.006 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion: 62 Resp: 182970  
Ion Ratio Lower Upper  
62 100  
64 31.6 26.0 39.0

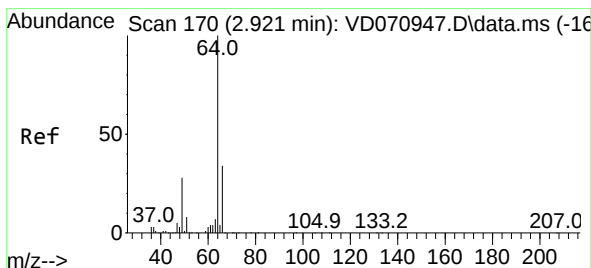
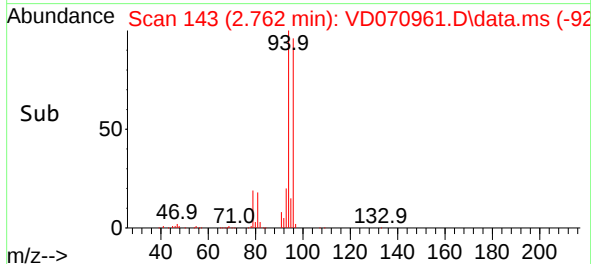
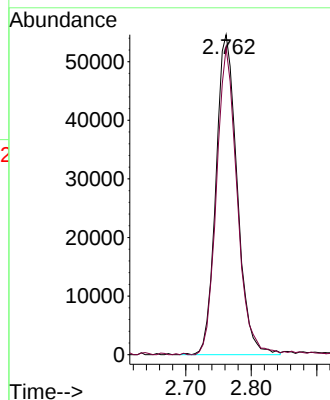
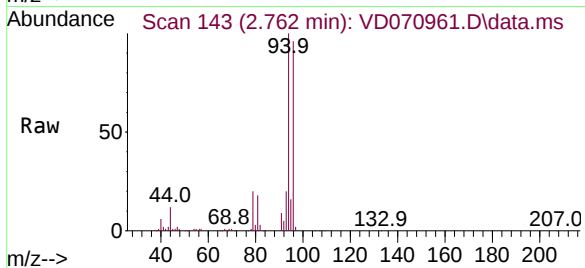




#5  
Bromomethane  
Concen: 60.419 ug/l  
RT: 2.762 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

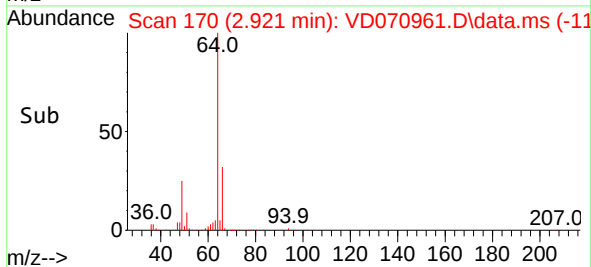
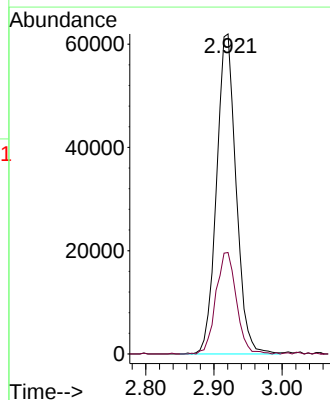
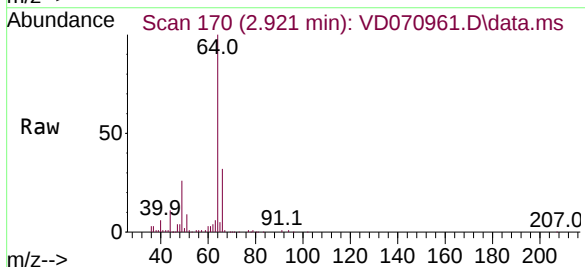
Instrument :  
MSVOA\_D  
ClientSampleId :

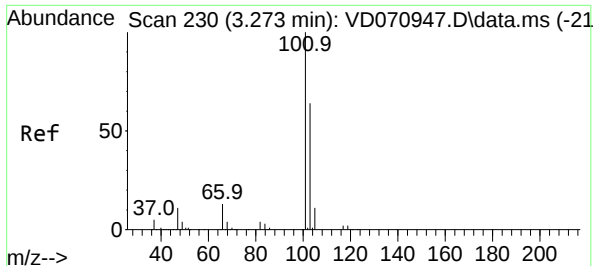
Tgt Ion: 94 Resp: 122647  
Ion Ratio Lower Upper  
94 100  
96 95.9 74.8 112.2



#6  
Chloroethane  
Concen: 64.622 ug/l  
RT: 2.921 min Scan# 170  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion: 64 Resp: 123607  
Ion Ratio Lower Upper  
64 100  
66 31.7 29.0 43.4

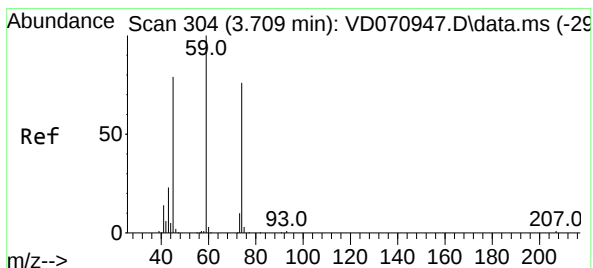
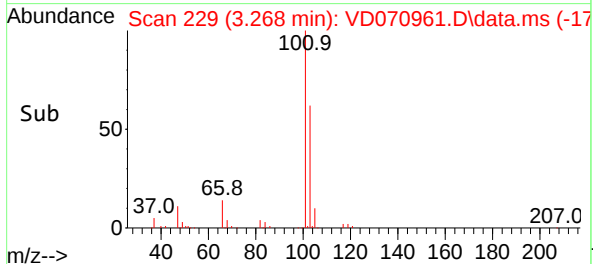
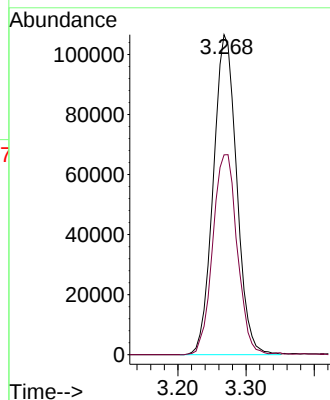
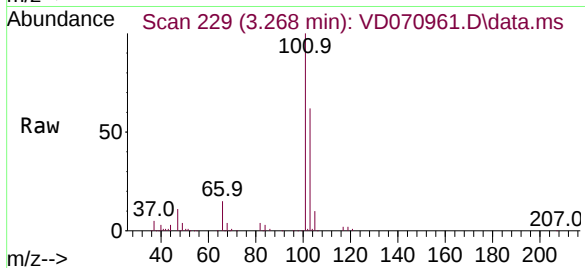




#7  
 Trichlorofluoromethane  
 Concen: 53.164 ug/l  
 RT: 3.268 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: VD070961.D  
 Acq: 09 Nov 2021 20:34

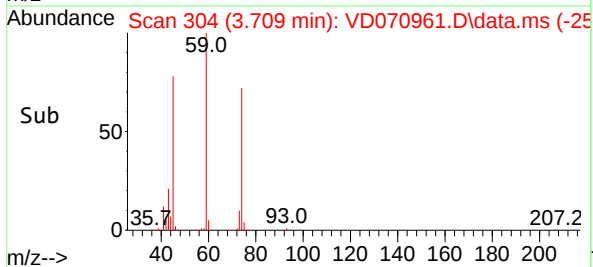
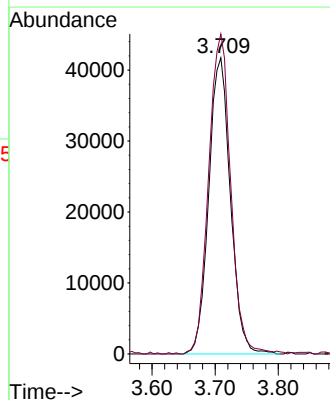
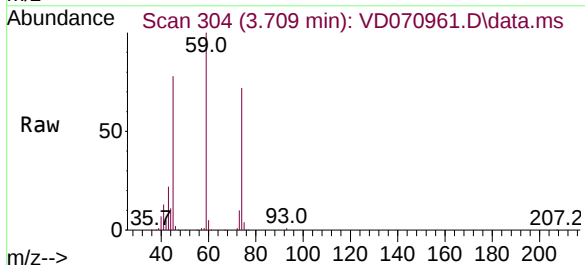
Instrument :  
 MSVOA\_D  
 ClientSampleId :

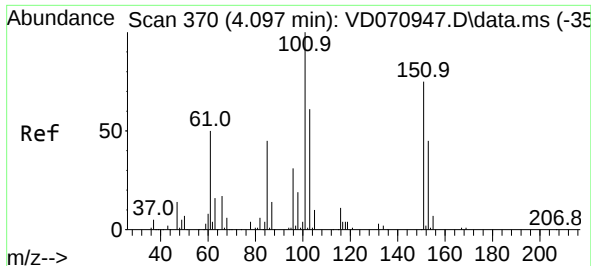
Tgt Ion:101 Resp: 254816  
 Ion Ratio Lower Upper  
 101 100  
 103 62.5 49.7 74.5



#8  
 Diethyl Ether  
 Concen: 62.768 ug/l  
 RT: 3.709 min Scan# 304  
 Delta R.T. -0.000 min  
 Lab File: VD070961.D  
 Acq: 09 Nov 2021 20:34

Tgt Ion: 74 Resp: 99566  
 Ion Ratio Lower Upper  
 74 100  
 45 109.8 49.6 149.0

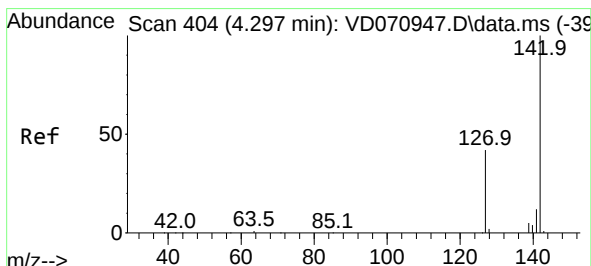
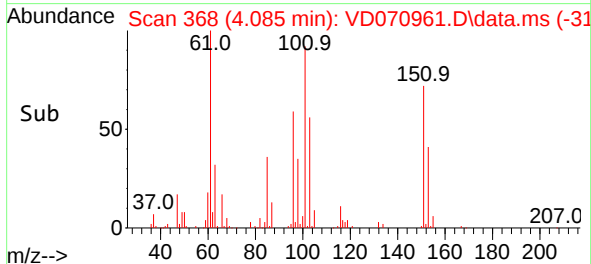
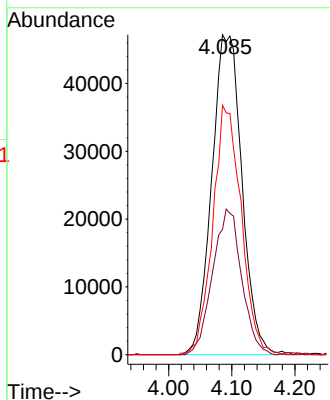
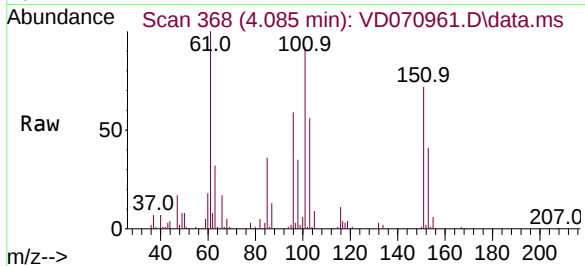




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.991 ug/l  
RT: 4.085 min Scan# 30  
Delta R.T. -0.012 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

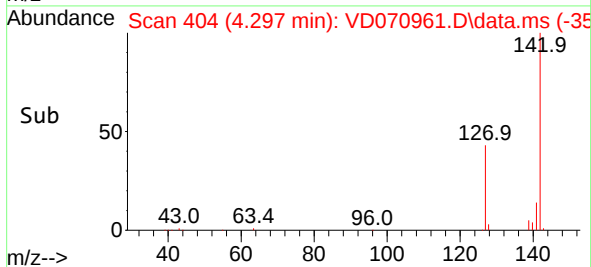
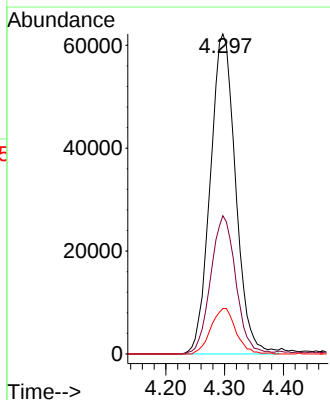
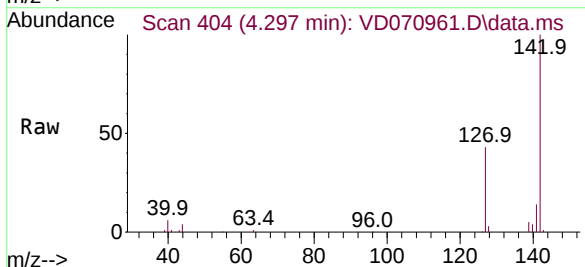
Instrument :  
MSVOA\_D  
ClientSampleId :

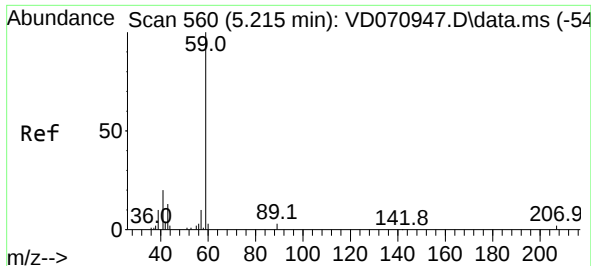
Tgt Ion:101 Resp: 156560  
Ion Ratio Lower Upper  
101 100  
85 43.8 34.8 52.2  
151 73.3 60.4 90.6



#10  
Methyl Iodide  
Concen: 52.441 ug/l  
RT: 4.297 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion:142 Resp: 186443  
Ion Ratio Lower Upper  
142 100  
127 42.9 35.0 52.4  
141 14.0 12.0 18.0

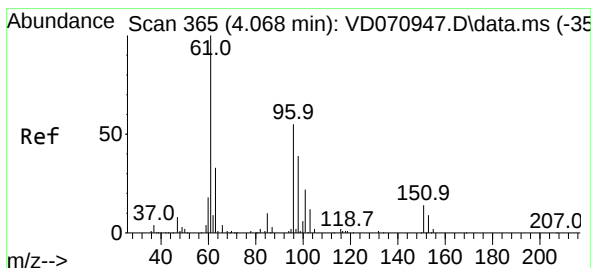
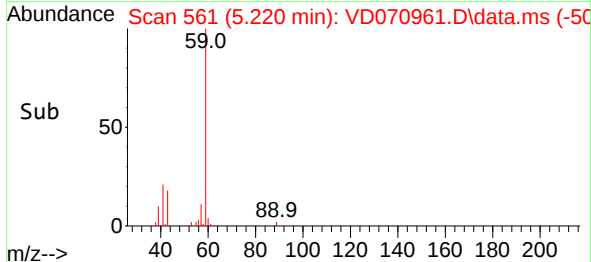
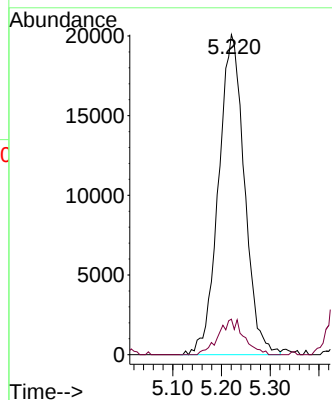
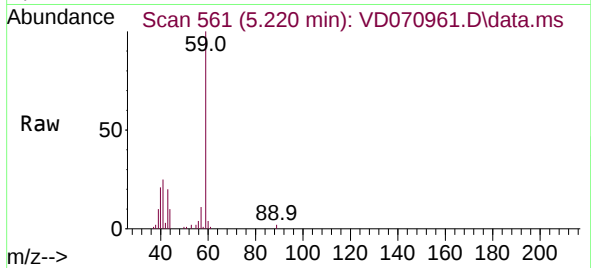




#11  
Tert butyl alcohol  
Concen: 313.188 ug/l  
RT: 5.220 min Scan# 51  
Delta R.T. 0.005 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

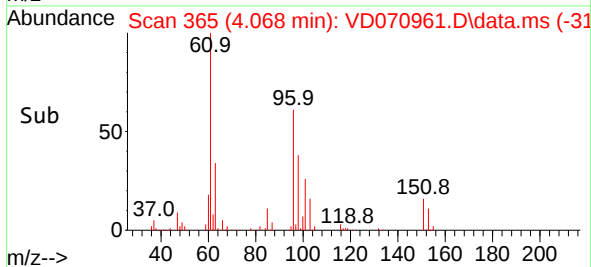
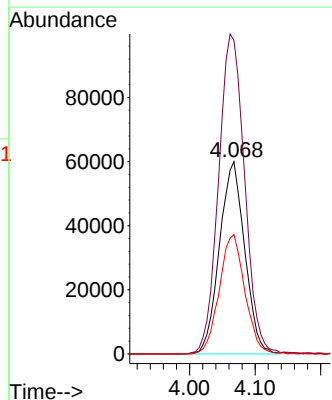
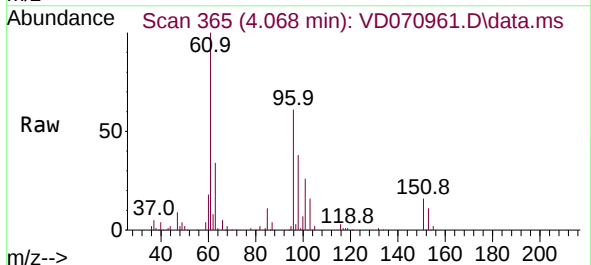
Instrument :  
MSVOA\_D  
ClientSampleId :

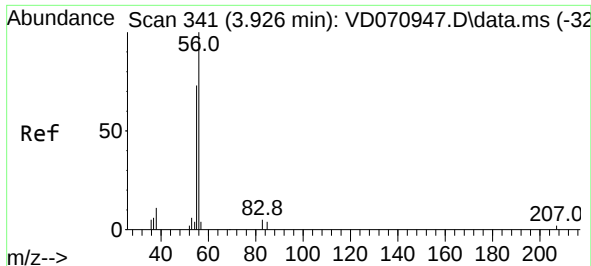
Tgt Ion: 59 Resp: 74229  
Ion Ratio Lower Upper  
59 100  
57 10.9 9.0 13.4



#12  
1,1-Dichloroethene  
Concen: 55.555 ug/l  
RT: 4.068 min Scan# 365  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion: 96 Resp: 160687  
Ion Ratio Lower Upper  
96 100  
61 163.1 120.3 180.5  
98 62.1 54.4 81.6

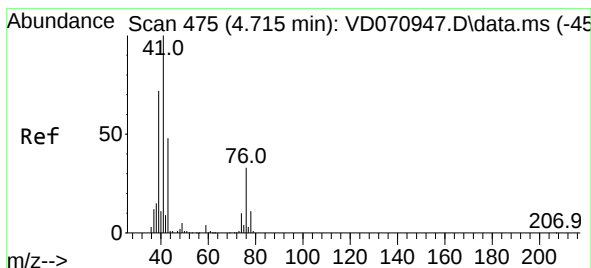
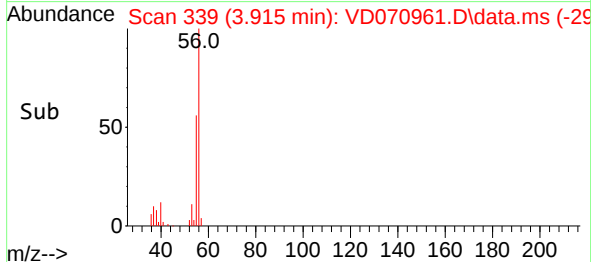
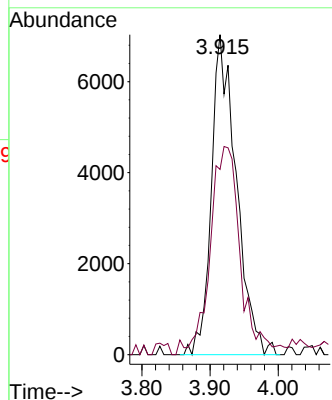
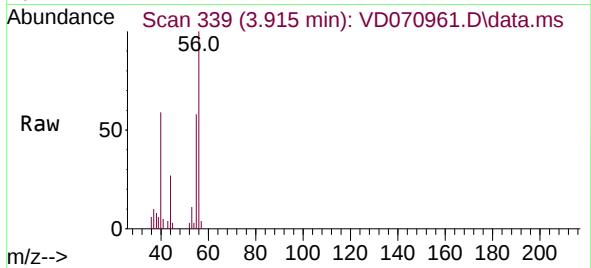




#13  
Acrolein  
Concen: 246.674 ug/l  
RT: 3.915 min Scan# 31  
Delta R.T. -0.011 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

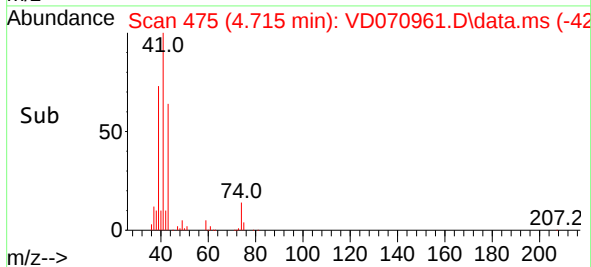
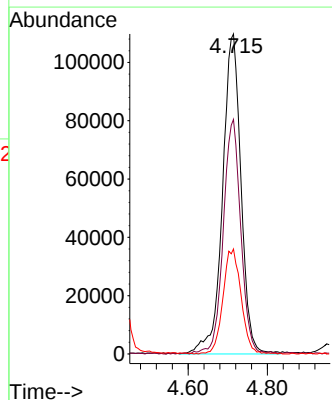
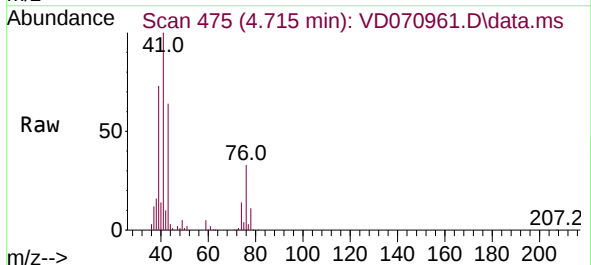
Instrument :  
MSVOA\_D  
ClientSampleId :

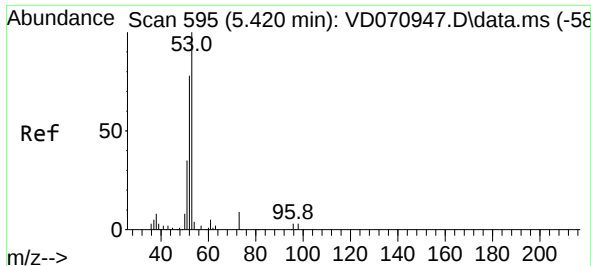
Tgt Ion: 56 Resp: 17874  
Ion Ratio Lower Upper  
56 100  
55 78.9 58.6 87.8



#14  
Allyl chloride  
Concen: 58.924 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

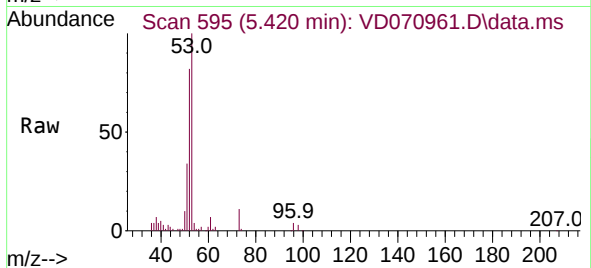
Tgt Ion: 41 Resp: 354990  
Ion Ratio Lower Upper  
41 100  
39 69.4 45.6 68.4#  
76 32.2 30.2 45.4





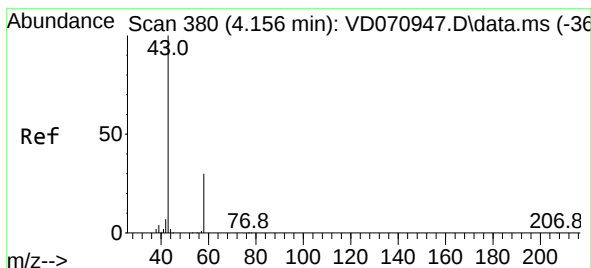
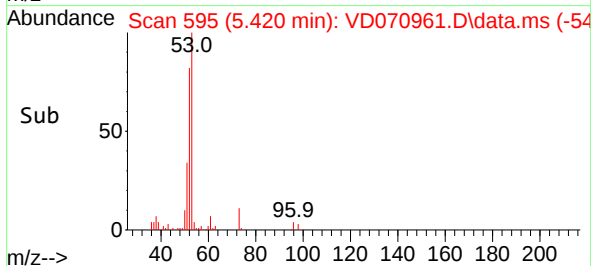
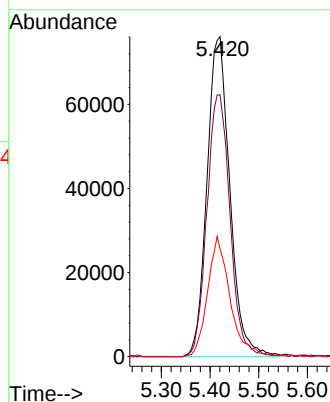
#15  
Acrylonitrile  
Concen: 327.542 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Instrument :  
MSVOA\_D  
ClientSampleId :



Tgt Ion: 53 Resp: 248616

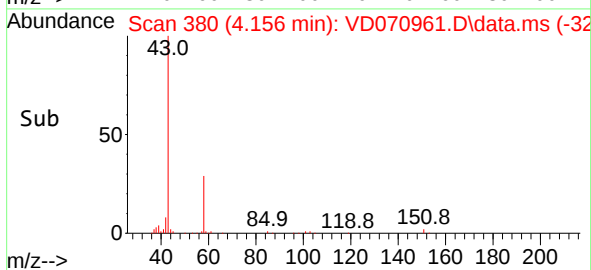
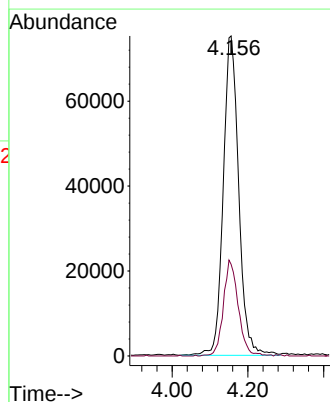
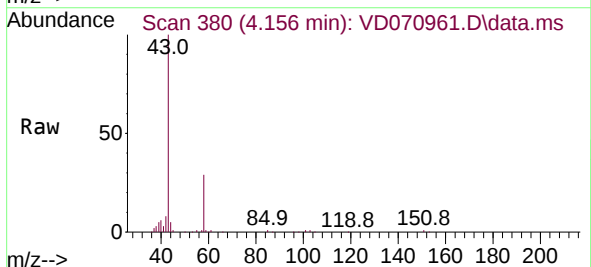
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.0  | 63.8  | 95.8  |
| 51  | 36.7  | 28.5  | 42.7  |

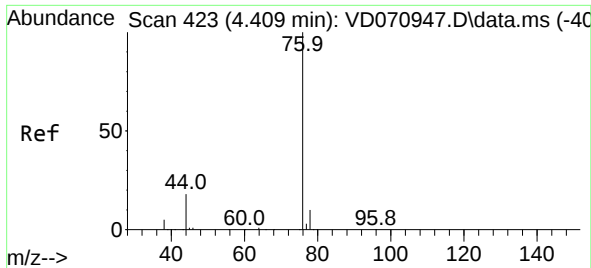


#16  
Acetone  
Concen: 244.625 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion: 43 Resp: 213837

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 28.5  | 27.8  | 41.8  |

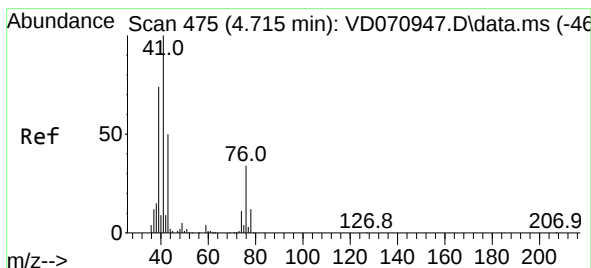
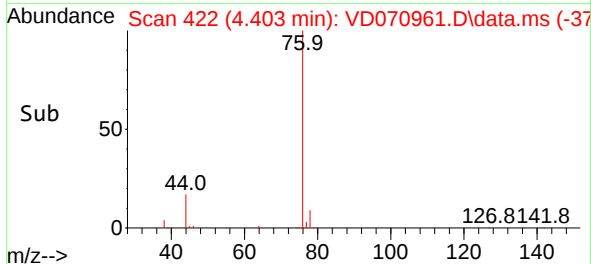
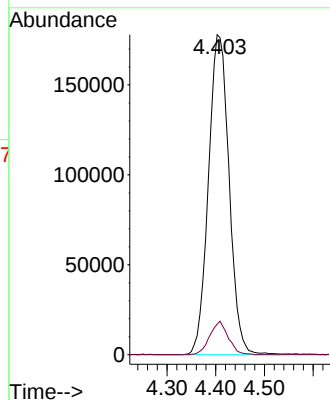
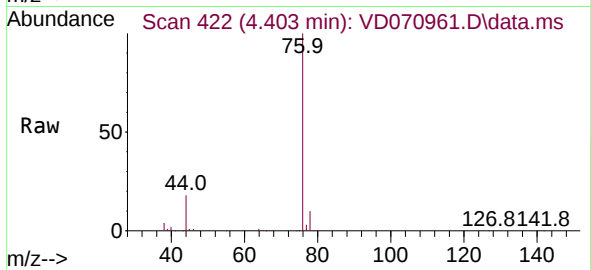




#17  
Carbon Disulfide  
Concen: 56.126 ug/l  
RT: 4.403 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

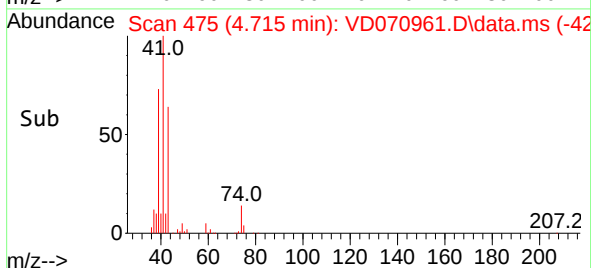
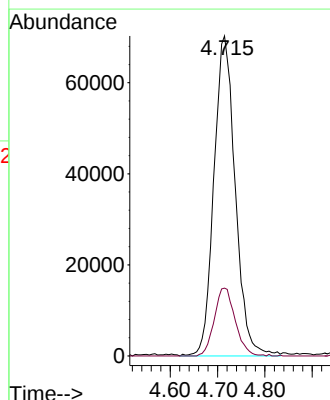
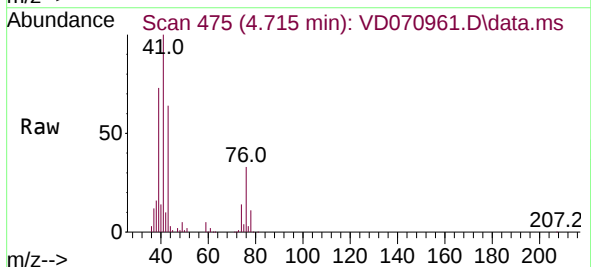
Instrument :  
MSVOA\_D  
ClientSampleId :

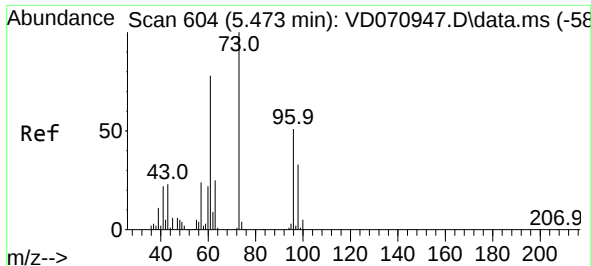
Tgt Ion: 76 Resp: 524181  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.8 11.8



#18  
Methyl Acetate  
Concen: 79.105 ug/l  
RT: 4.715 min Scan# 475  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion: 43 Resp: 220090  
Ion Ratio Lower Upper  
43 100  
74 20.7 19.3 28.9

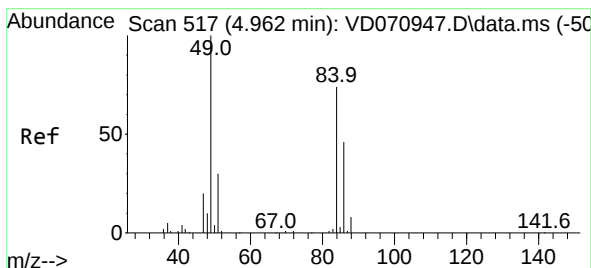
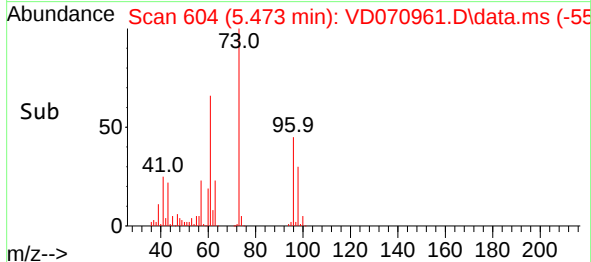
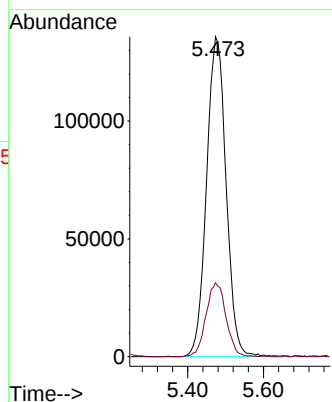
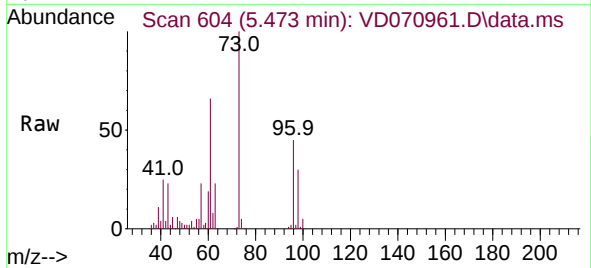




#19  
Methyl tert-butyl Ether  
Concen: 65.071 ug/l  
RT: 5.473 min Scan# 604  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

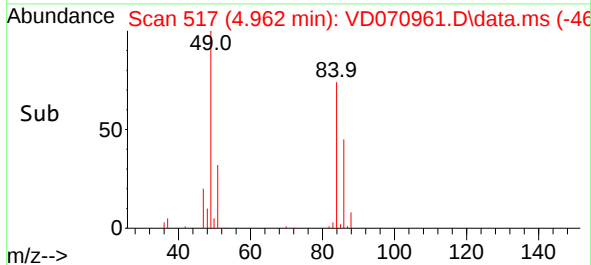
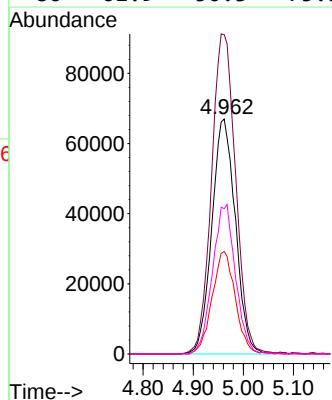
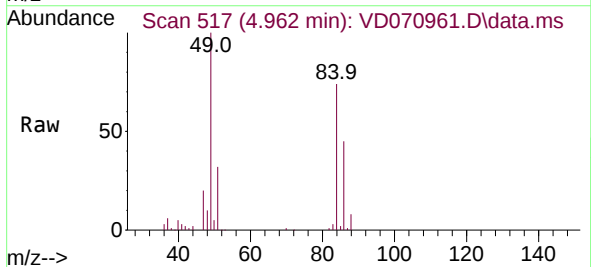
Instrument :  
MSVOA\_D  
ClientSampleId :

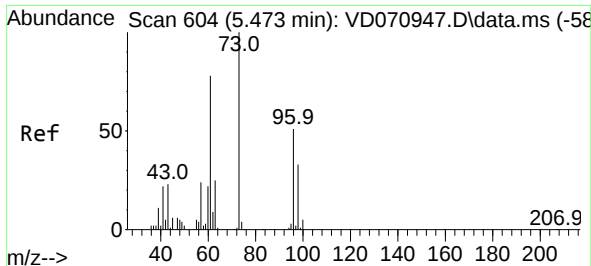
Tgt Ion: 73 Resp: 485871  
Ion Ratio Lower Upper  
73 100  
57 23.1 18.9 28.3



#20  
Methylene Chloride  
Concen: 59.436 ug/l  
RT: 4.962 min Scan# 517  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

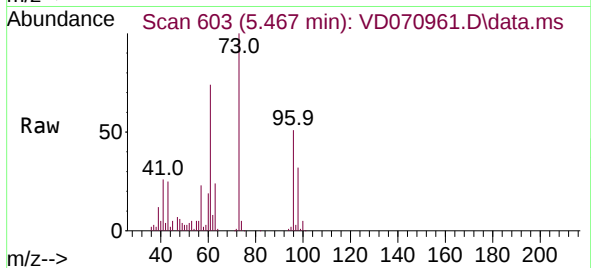
Tgt Ion: 84 Resp: 218859  
Ion Ratio Lower Upper  
84 100  
49 136.0 95.8 143.6  
51 43.6 30.9 46.3  
86 61.9 50.3 75.5



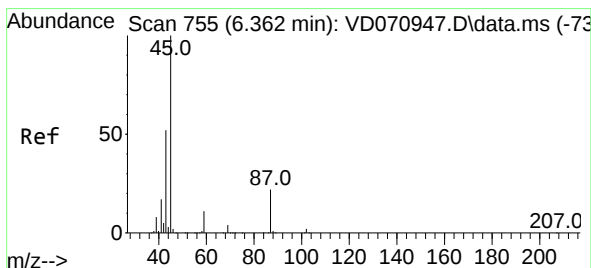
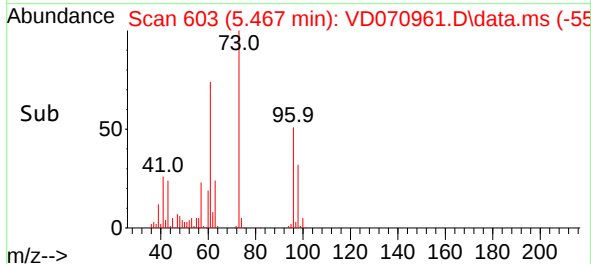
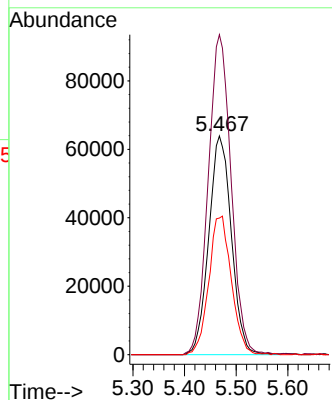


#21  
trans-1,2-Dichloroethene  
Concen: 58.656 ug/l  
RT: 5.467 min Scan# 604  
Delta R.T. -0.006 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Instrument :  
MSVOA\_D  
ClientSampleId :

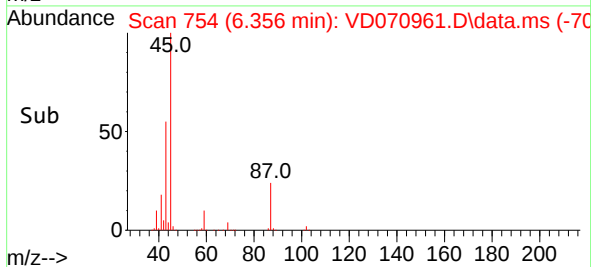
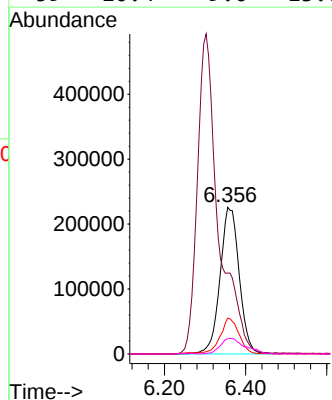
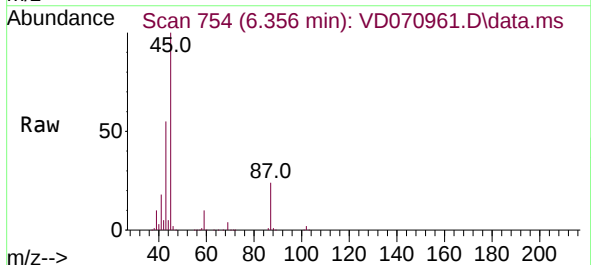


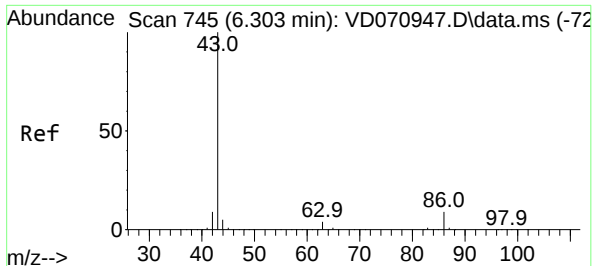
Tgt Ion: 96 Resp: 194457  
Ion Ratio Lower Upper  
96 100  
61 146.3 102.1 153.1  
98 62.5 50.1 75.1



#22  
Diisopropyl ether  
Concen: 62.046 ug/l  
RT: 6.356 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion: 45 Resp: 743129  
Ion Ratio Lower Upper  
45 100  
43 54.6 39.6 59.4  
87 24.4 21.2 31.8  
59 10.4 9.0 13.6

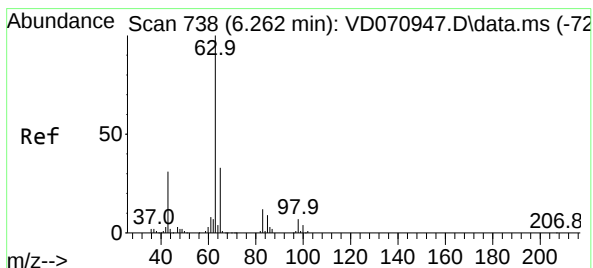
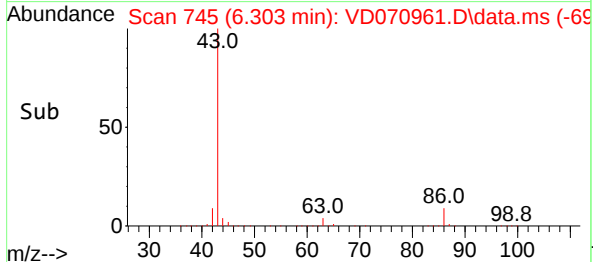
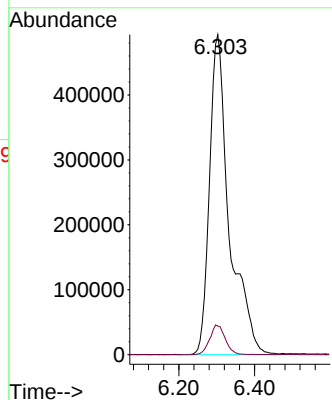
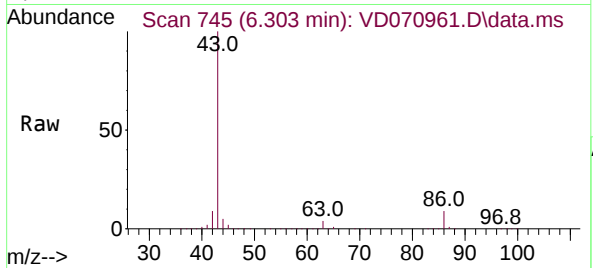




#23  
 Vinyl Acetate  
 Concen: 276.331 ug/l  
 RT: 6.303 min Scan# 745  
 Delta R.T. -0.000 min  
 Lab File: VD070961.D  
 Acq: 09 Nov 2021 20:34

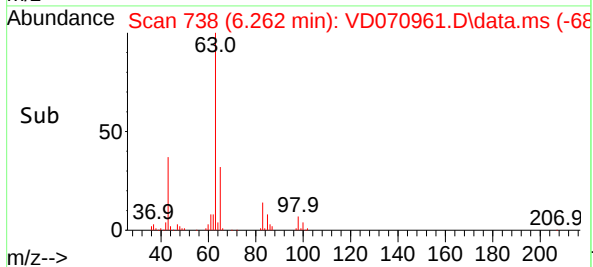
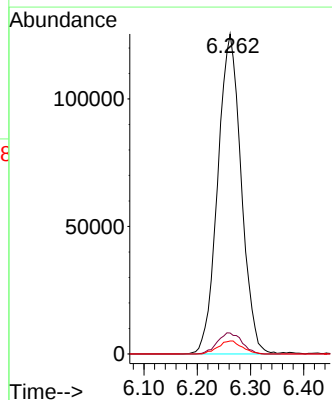
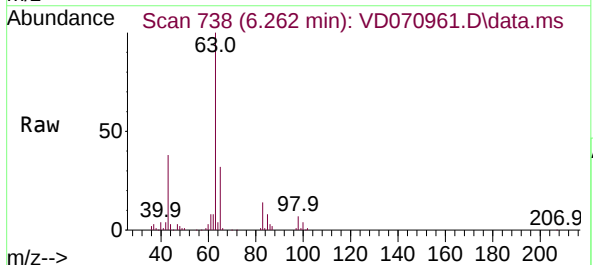
Instrument :  
 MSVOA\_D  
 ClientSampleId :

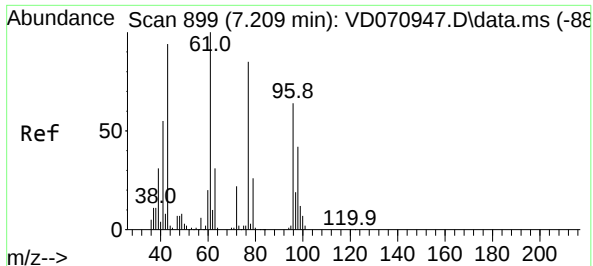
Tgt Ion: 43 Resp: 1781945  
 Ion Ratio Lower Upper  
 43 100  
 86 9.0 8.2 12.4



#24  
 1,1-Dichloroethane  
 Concen: 59.975 ug/l  
 RT: 6.262 min Scan# 738  
 Delta R.T. -0.000 min  
 Lab File: VD070961.D  
 Acq: 09 Nov 2021 20:34

Tgt Ion: 63 Resp: 383671  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.5 10.6  
 100 4.0 2.1 6.3





#25

2-Butanone

Concen: 289.690 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

Instrument :

MSVOA\_D

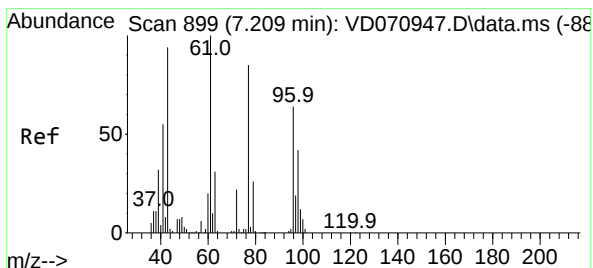
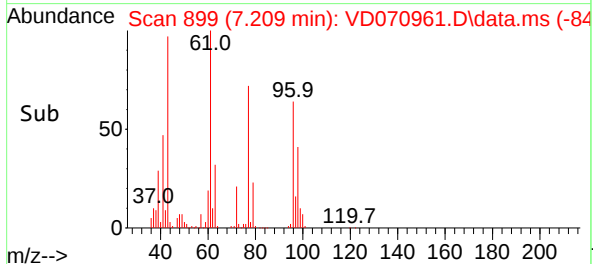
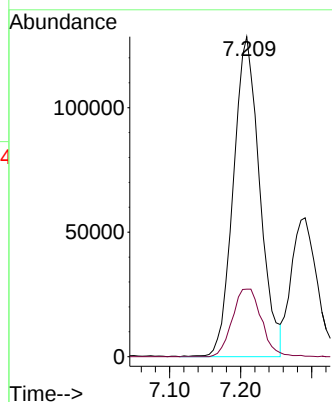
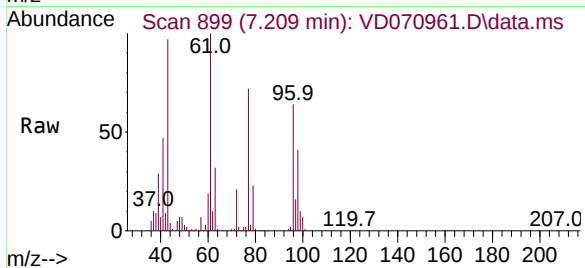
ClientSampleId :

Tgt Ion: 43 Resp: 331854

Ion Ratio Lower Upper

43 100

72 21.1 23.8 35.6#



#26

2,2-Dichloropropane

Concen: 52.986 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.006 min

Lab File: VD070961.D

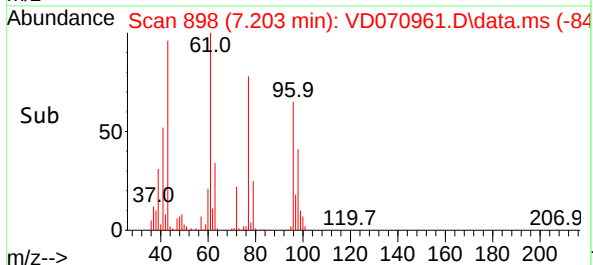
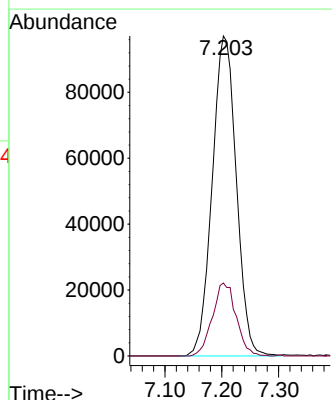
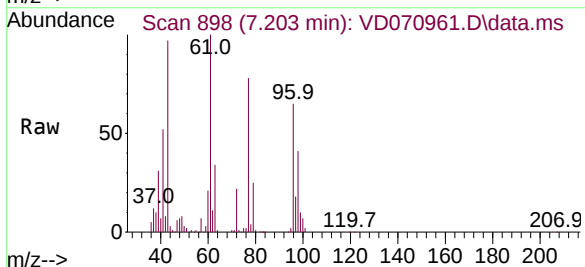
Acq: 09 Nov 2021 20:34

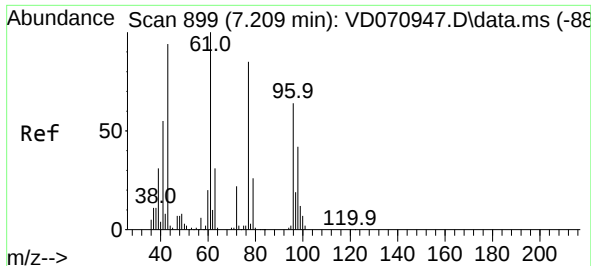
Tgt Ion: 77 Resp: 286071

Ion Ratio Lower Upper

77 100

97 22.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 60.371 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

Instrument :

MSVOA\_D

ClientSampleId :

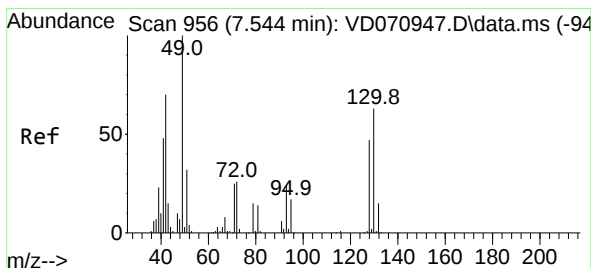
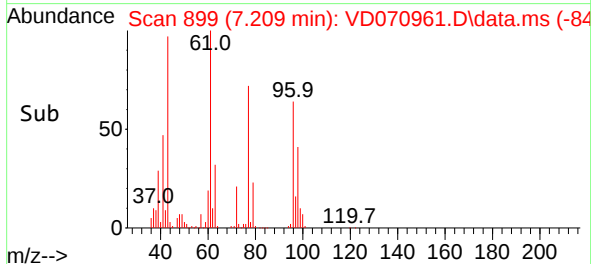
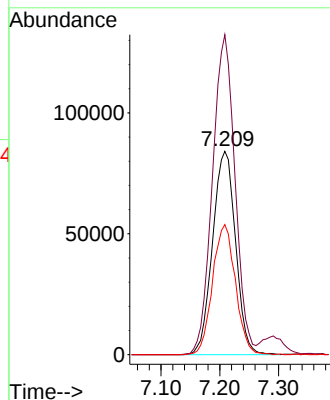
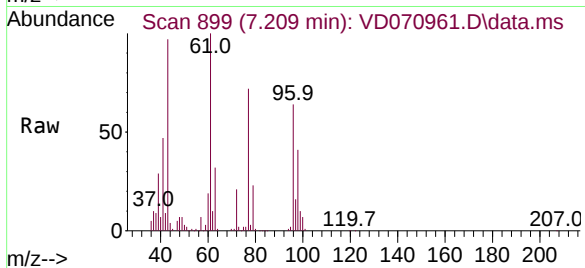
Tgt Ion: 96 Resp: 228787

Ion Ratio Lower Upper

96 100

61 154.5 0.0 288.6

98 63.6 0.0 129.2



#28

Bromochloromethane

Concen: 62.355 ug/l

RT: 7.538 min Scan# 955

Delta R.T. -0.006 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

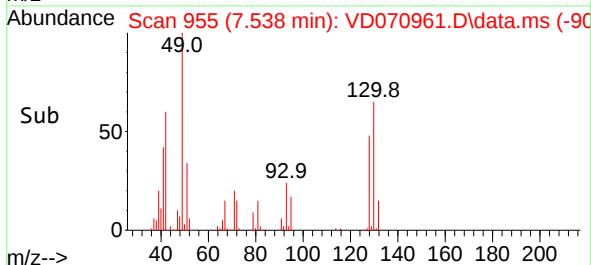
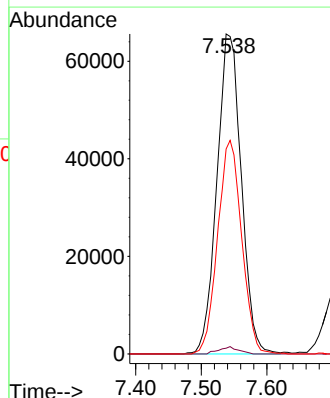
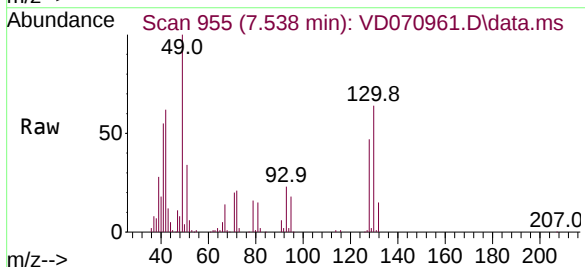
Tgt Ion: 49 Resp: 169190

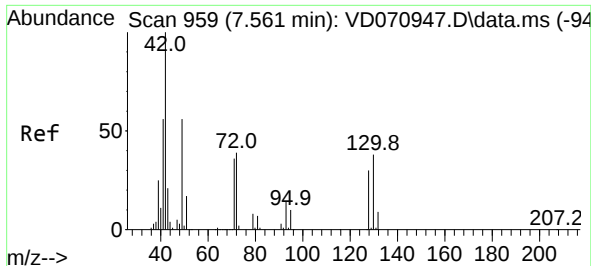
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 65.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 340.395 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

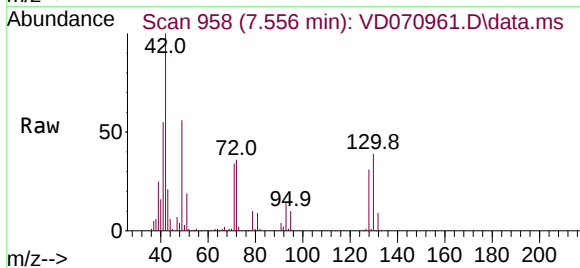
Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

Instrument :

MSVOA\_D

ClientSampleId :



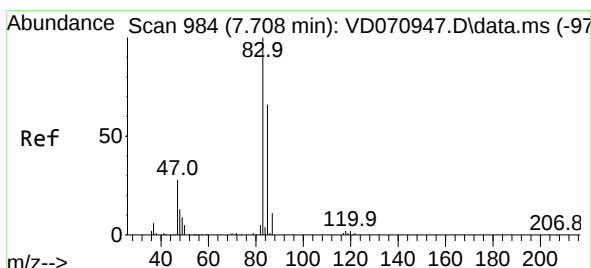
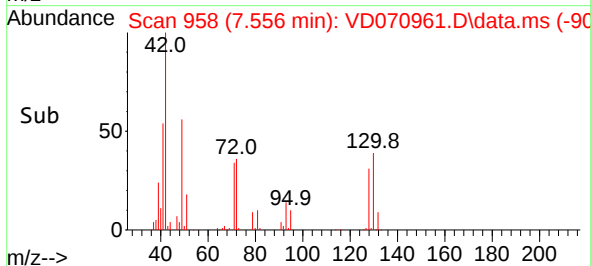
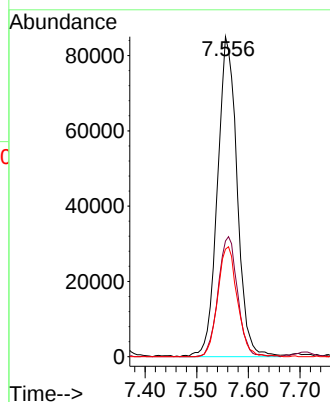
Tgt Ion: 42 Resp: 224296

Ion Ratio Lower Upper

42 100

72 37.3 33.7 50.5

71 34.4 32.7 49.1



#30

Chloroform

Concen: 61.488 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.001 min

Lab File: VD070961.D

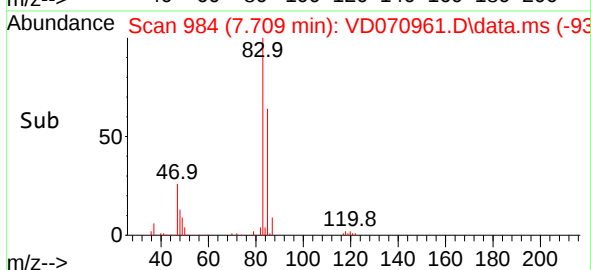
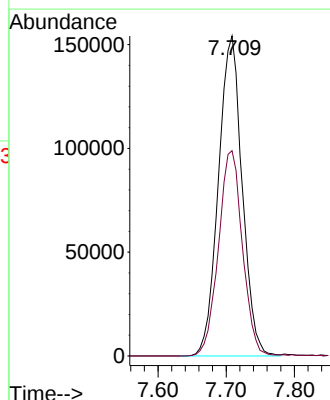
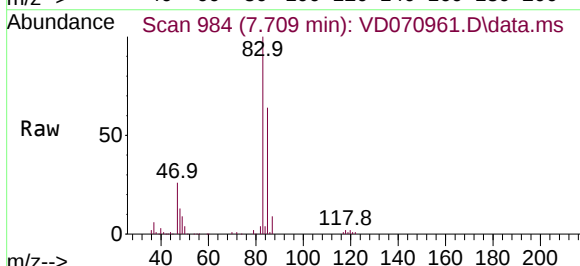
Acq: 09 Nov 2021 20:34

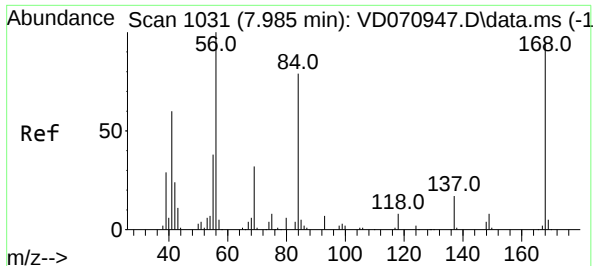
Tgt Ion: 83 Resp: 373977

Ion Ratio Lower Upper

83 100

85 64.2 51.0 76.6





#31

Cyclohexane

Concen: 49.478 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

Instrument :

MSVOA\_D

ClientSampleId :

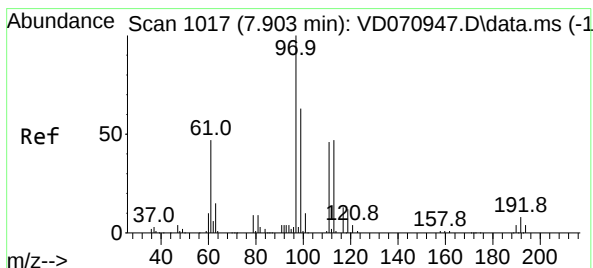
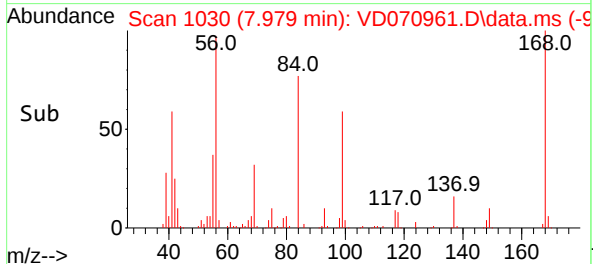
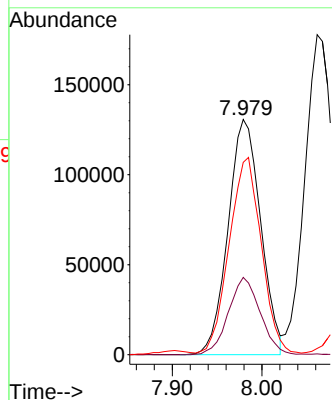
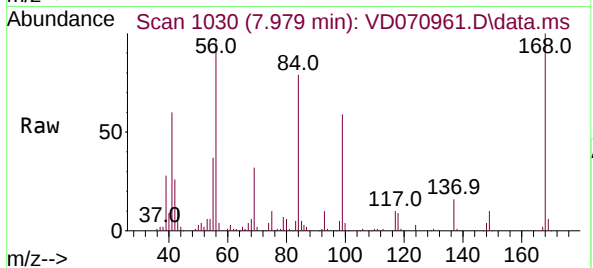
Tgt Ion: 56 Resp: 329980

Ion Ratio Lower Upper

56 100

69 32.9 25.9 38.9

84 80.2 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 58.429 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

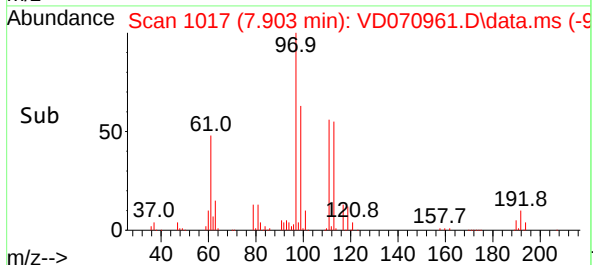
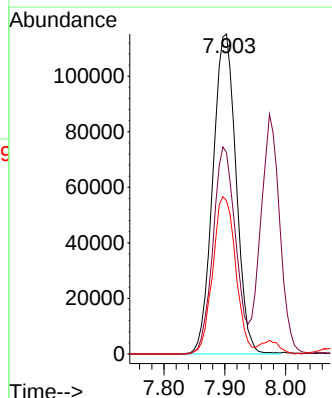
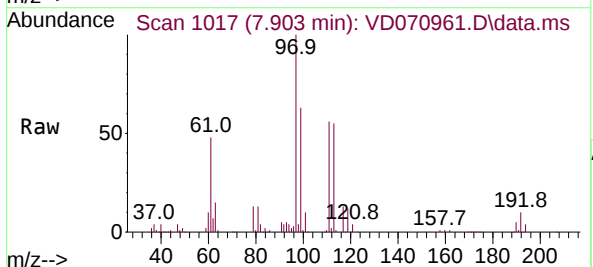
Tgt Ion: 97 Resp: 305216

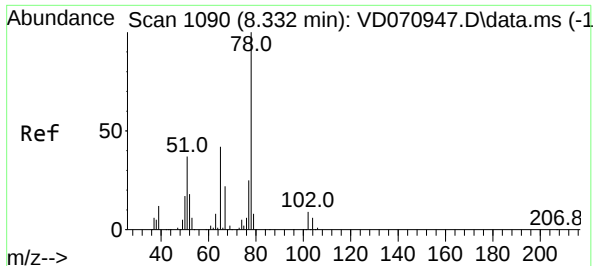
Ion Ratio Lower Upper

97 100

99 63.0 50.3 75.5

61 48.5 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 59.166 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

Instrument :

MSVOA\_D

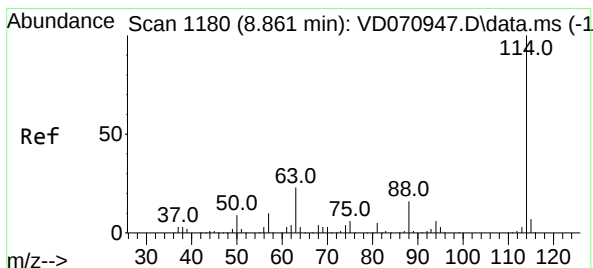
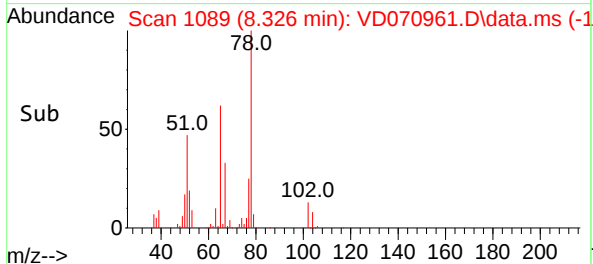
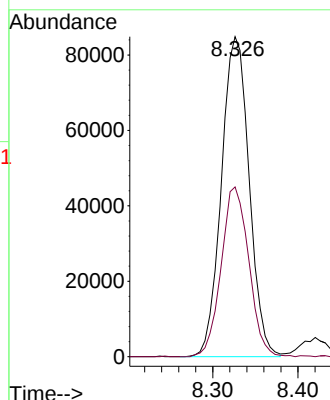
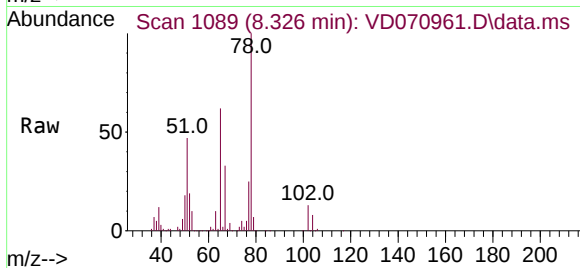
ClientSampleId :

Tgt Ion: 65 Resp: 191877

Ion Ratio Lower Upper

65 100

67 52.9 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

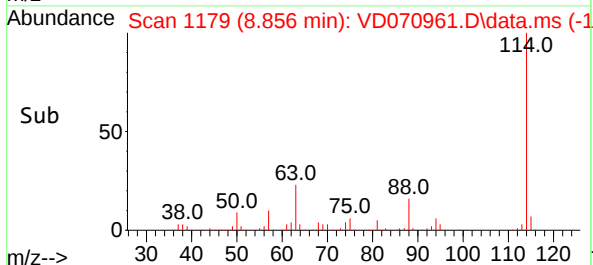
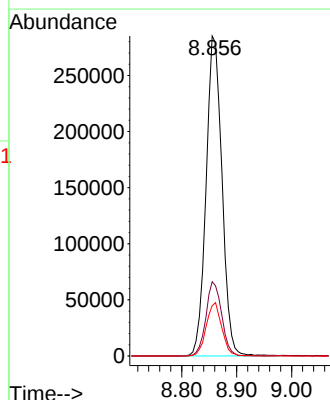
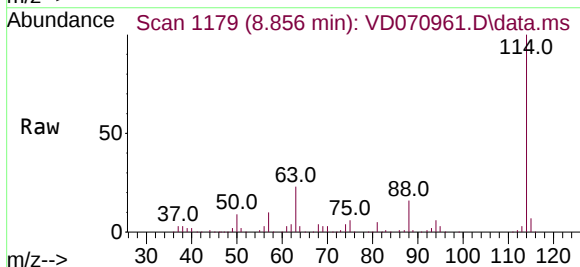
Tgt Ion: 114 Resp: 573764

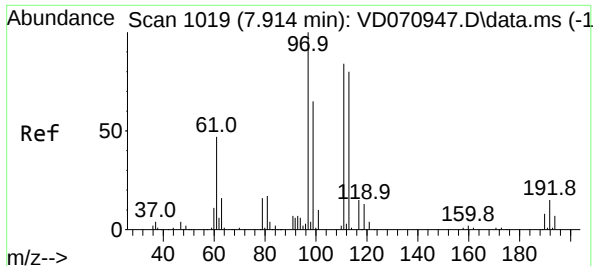
Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.8

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.359 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

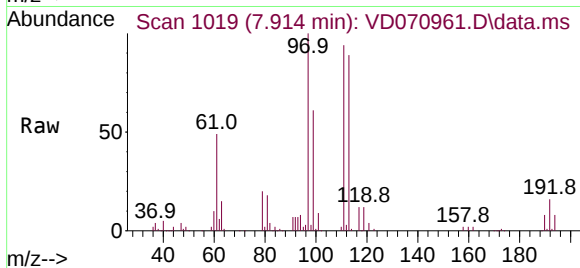
Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

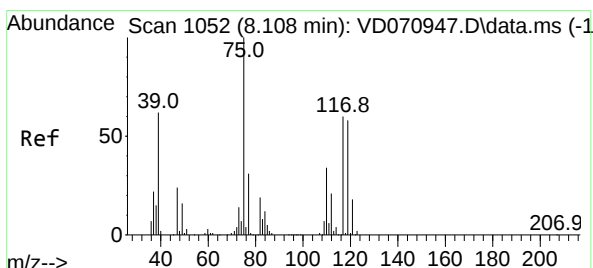
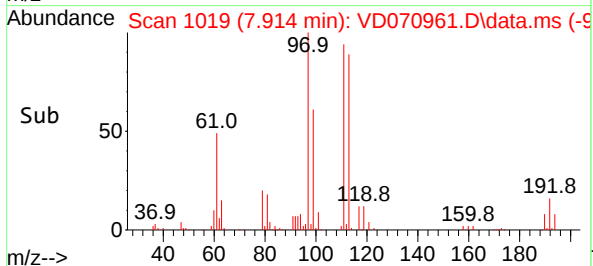
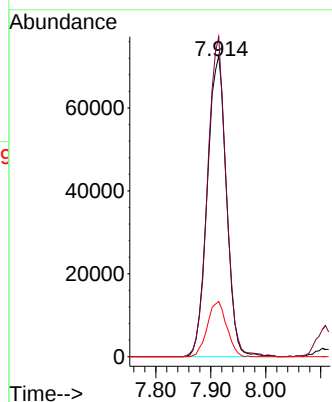
Instrument :

MSVOA\_D

ClientSampleId :



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 175996 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 102.8 | 82.0  | 123.0  |
| 192      | 18.5  | 15.2  | 22.8   |



#36

1,1-Dichloropropene

Concen: 53.056 ug/l

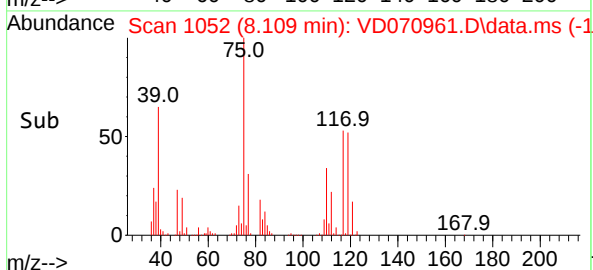
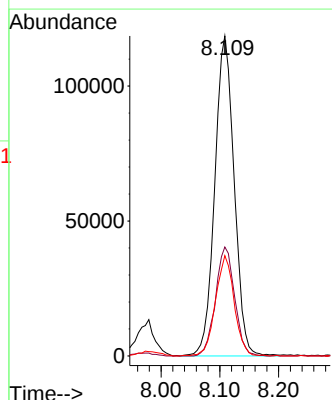
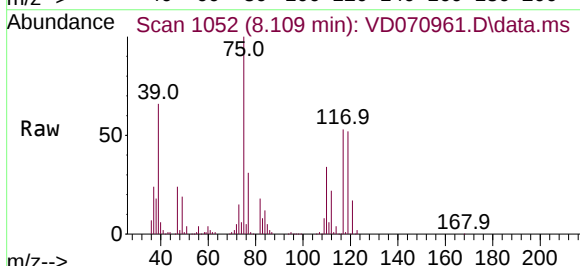
RT: 8.109 min Scan# 1052

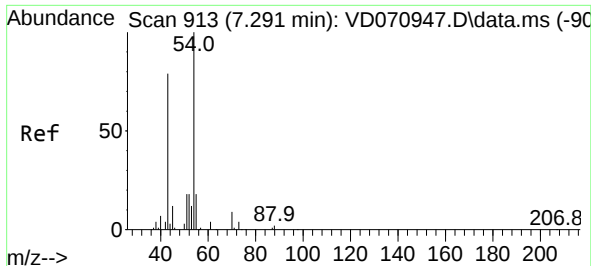
Delta R.T. 0.001 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 271795 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 110      | 33.5  | 17.8  | 53.4   |
| 77       | 30.4  | 24.8  | 37.2   |

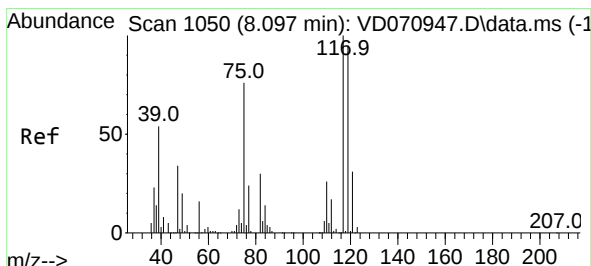
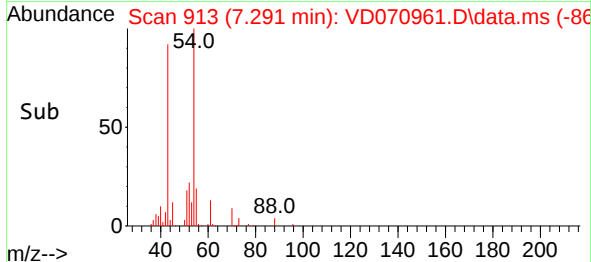
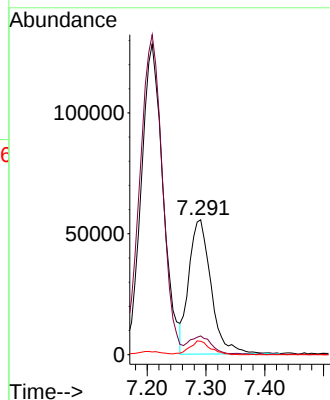
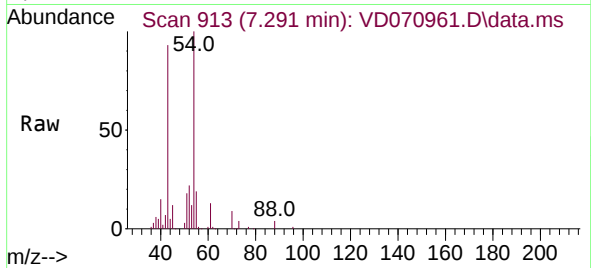




#37  
Ethyl Acetate  
Concen: 61.821 ug/l  
RT: 7.291 min Scan# 913  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

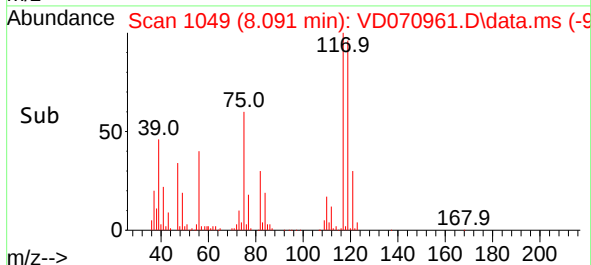
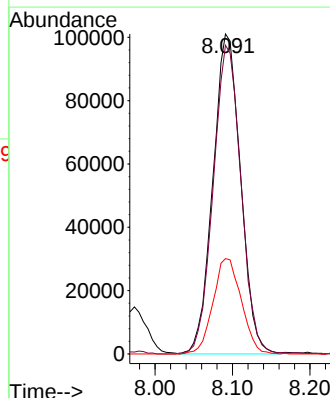
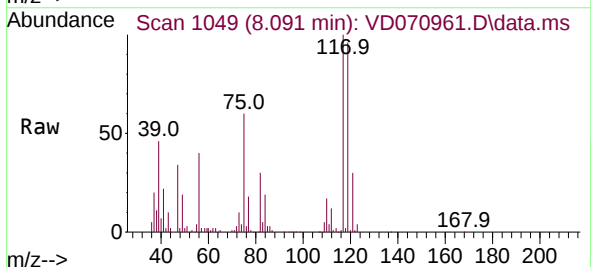
Instrument :  
MSVOA\_D  
ClientSampleId :

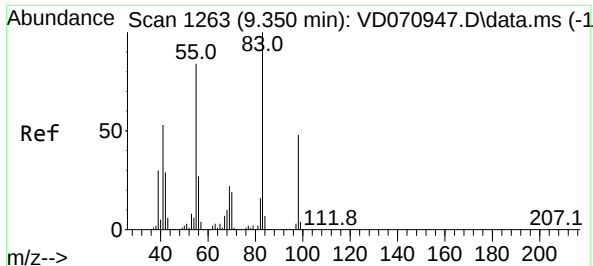
Tgt Ion: 43 Resp: 144489  
Ion Ratio Lower Upper  
43 100  
61 12.8 13.0 19.6#  
70 9.6 8.7 13.1



#38  
Carbon Tetrachloride  
Concen: 53.169 ug/l  
RT: 8.091 min Scan# 1049  
Delta R.T. -0.006 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion: 117 Resp: 250833  
Ion Ratio Lower Upper  
117 100  
119 96.1 75.8 113.6  
121 29.8 23.6 35.4





#39

Methylcyclohexane

Concen: 49.286 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

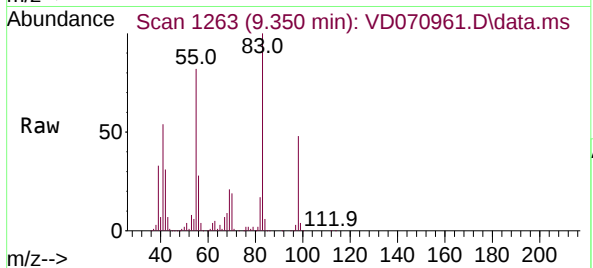
Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

Instrument :

MSVOA\_D

ClientSampleId :



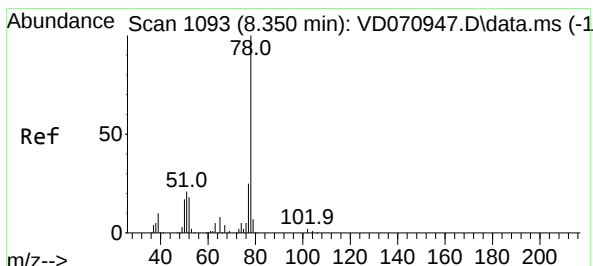
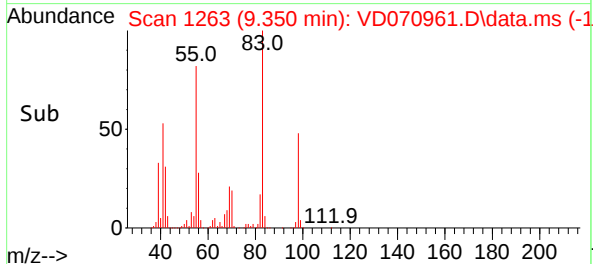
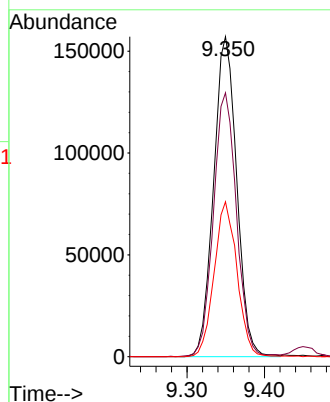
Tgt Ion: 83 Resp: 326088

Ion Ratio Lower Upper

83 100

55 82.3 65.8 98.8

98 48.4 38.7 58.1



#40

Benzene

Concen: 55.991 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD070961.D

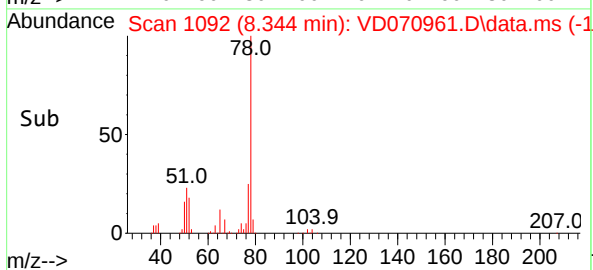
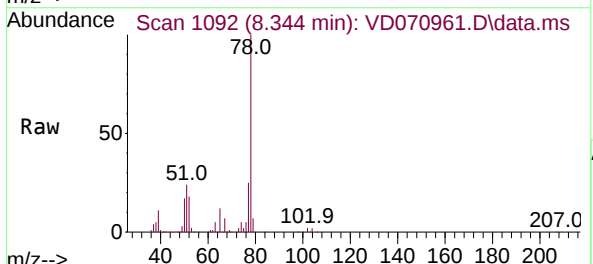
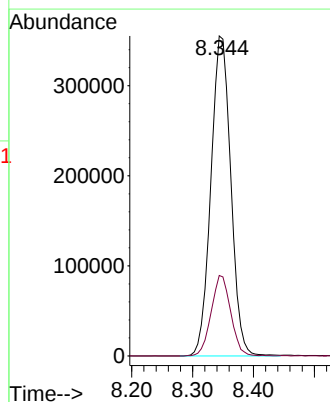
Acq: 09 Nov 2021 20:34

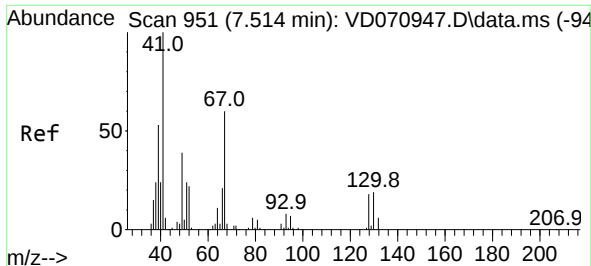
Tgt Ion: 78 Resp: 807789

Ion Ratio Lower Upper

78 100

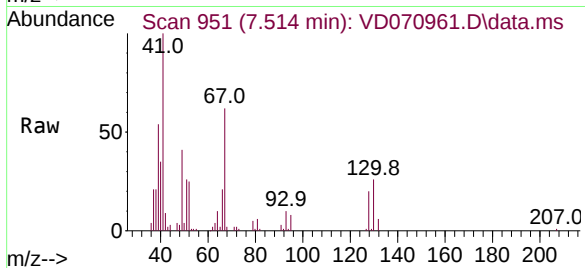
77 25.1 19.1 28.7



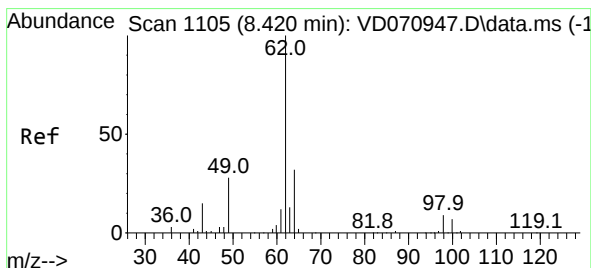
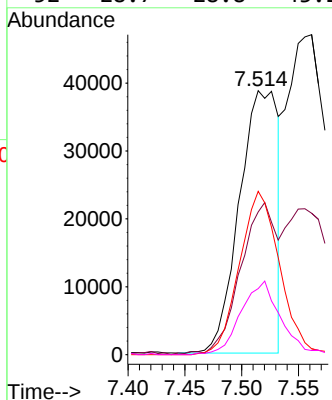
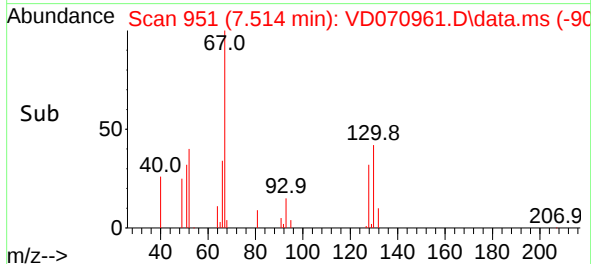


#41  
Methacrylonitrile  
Concen: 54.470 ug/l  
RT: 7.514 min Scan# 91613  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Instrument :  
MSVOA\_D  
ClientSampleId :

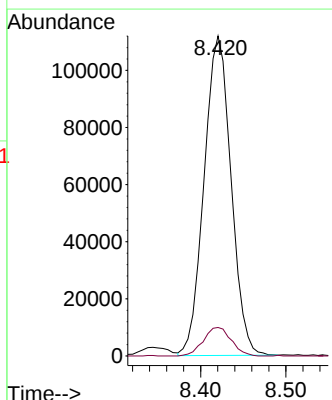
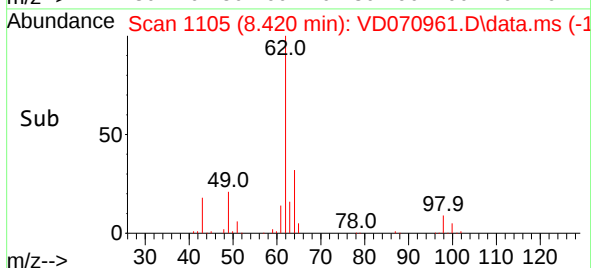
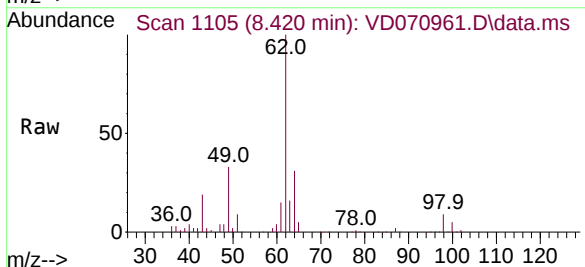


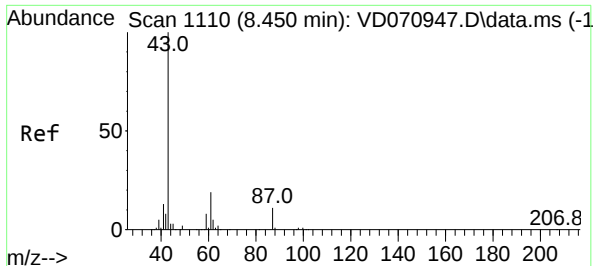
| Tgt Ion:  | 41   | Resp: | 91613  |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 39        | 54.2 | 60.2  | 90.4#  |
| 67        | 64.6 | 74.8  | 112.2# |
| 52        | 28.7 | 28.8  | 43.2#  |



#42  
1,2-Dichloroethane  
Concen: 60.144 ug/l  
RT: 8.420 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

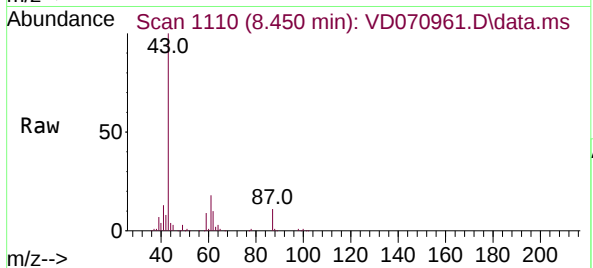
| Tgt Ion:  | 62  | Resp: | 245770 |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 98        | 9.2 | 0.0   | 21.8   |



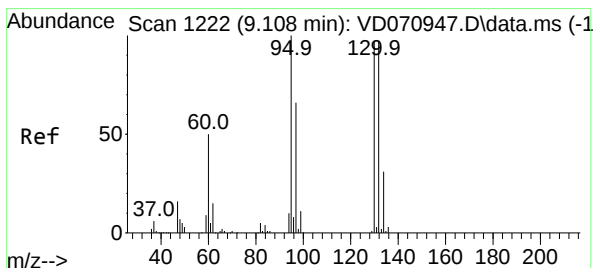
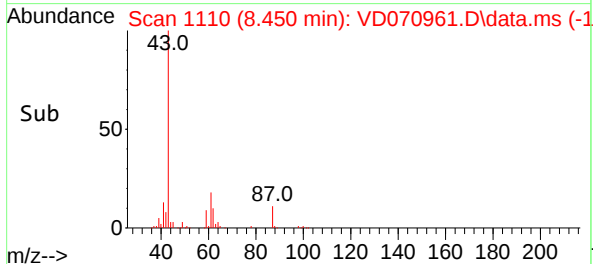
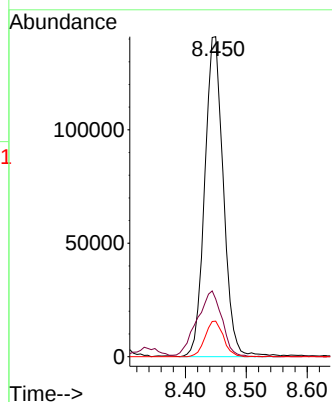


#43  
Isopropyl Acetate  
Concen: 60.733 ug/l  
RT: 8.450 min Scan# 1110  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Instrument :  
MSVOA\_D  
ClientSampleId :

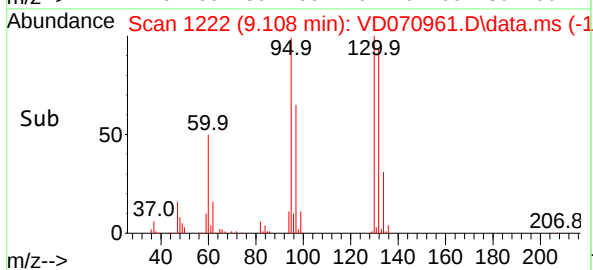
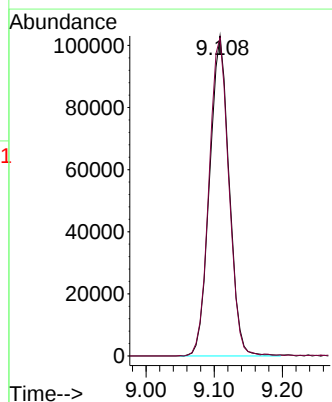
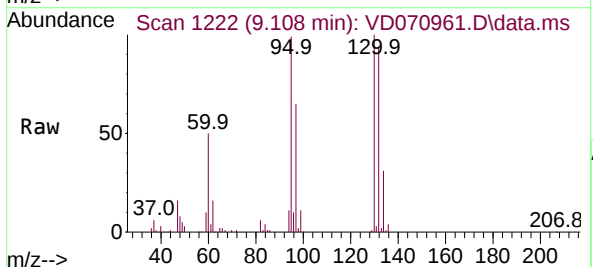


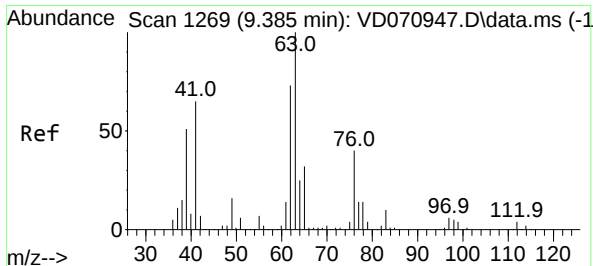
Tgt Ion: 43 Resp: 300409  
Ion Ratio Lower Upper  
43 100  
61 27.5 28.2 42.4#  
87 11.0 10.7 16.1



#44  
Trichloroethene  
Concen: 55.365 ug/l  
RT: 9.108 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion:130 Resp: 205883  
Ion Ratio Lower Upper  
130 100  
95 99.2 0.0 193.2





#45

1,2-Dichloropropane

Concen: 56.421 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

Instrument :

MSVOA\_D

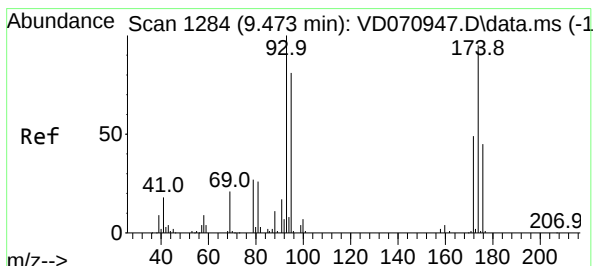
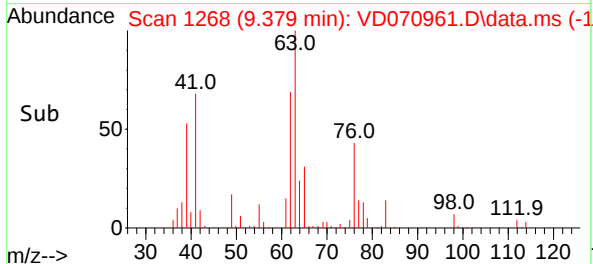
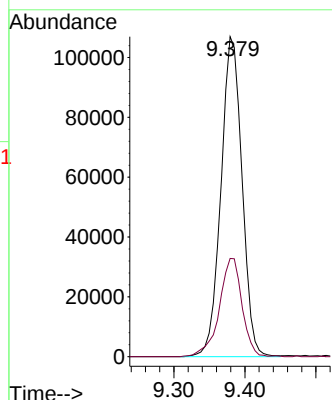
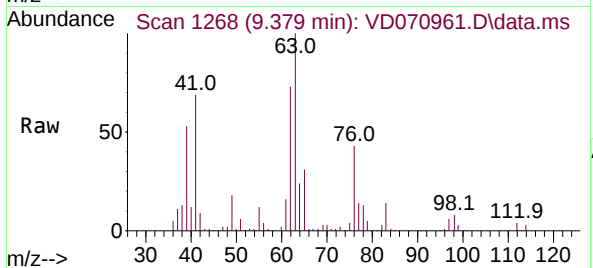
ClientSampleId :

Tgt Ion: 63 Resp: 220136

Ion Ratio Lower Upper

63 100

65 30.7 24.2 36.2



#46

Dibromomethane

Concen: 61.503 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

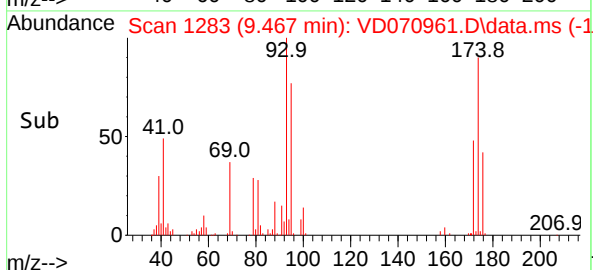
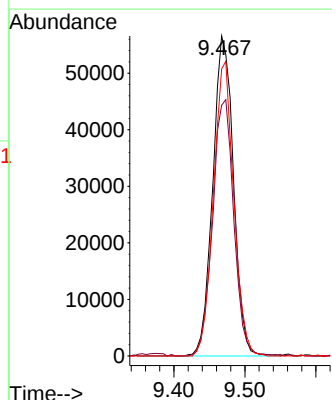
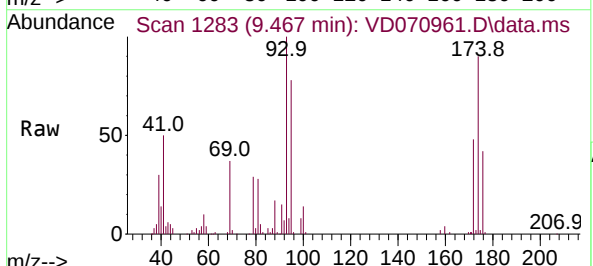
Tgt Ion: 93 Resp: 114218

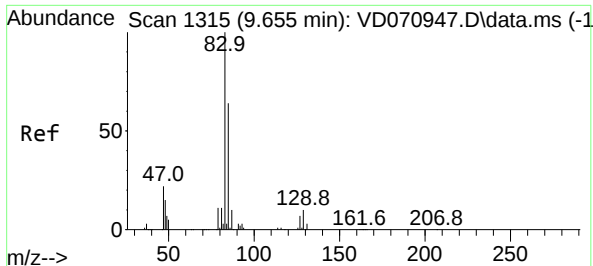
Ion Ratio Lower Upper

93 100

95 82.2 66.1 99.1

174 90.3 78.6 117.8

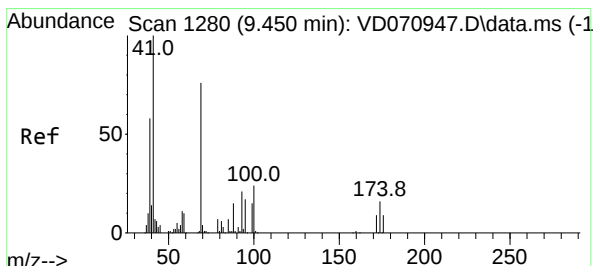
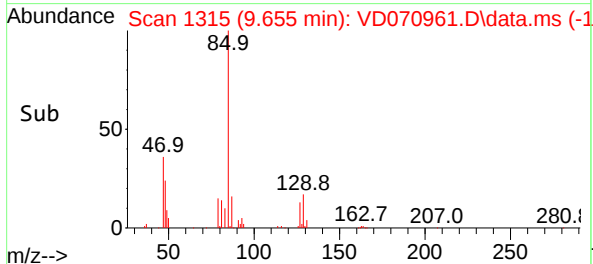
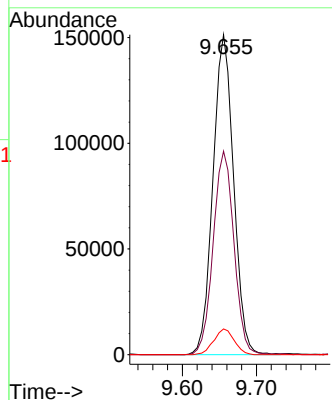
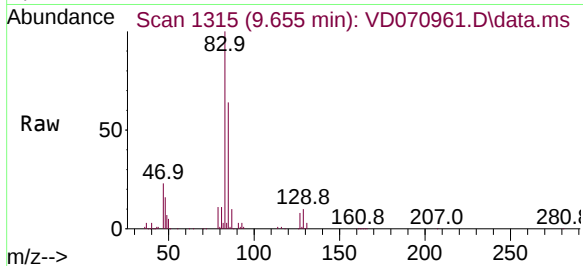




#47  
Bromodichloromethane  
Concen: 59.588 ug/l  
RT: 9.655 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

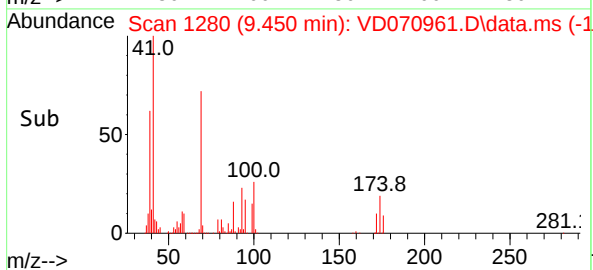
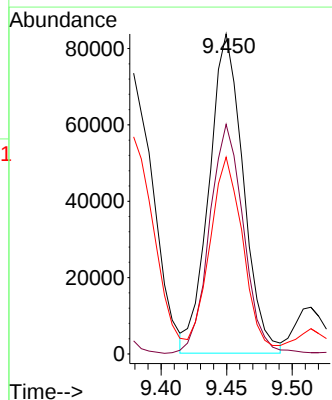
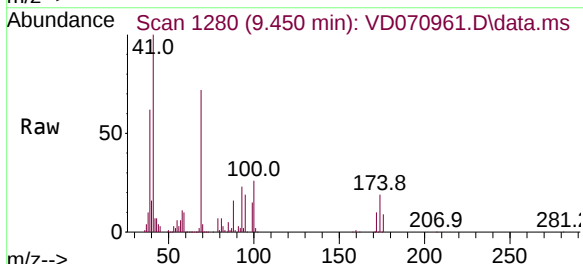
Instrument :  
MSVOA\_D  
ClientSampleId :

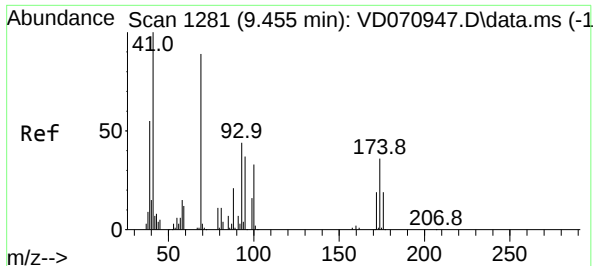
Tgt Ion: 83 Resp: 292702  
Ion Ratio Lower Upper  
83 100  
85 63.6 50.0 75.0  
127 8.0 7.3 10.9



#48  
Methyl methacrylate  
Concen: 62.595 ug/l  
RT: 9.450 min Scan# 1280  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion: 41 Resp: 151887  
Ion Ratio Lower Upper  
41 100  
69 71.5 69.8 104.6  
39 60.2 35.6 53.4





#49

1,4-Dioxane

Concen: 1323.355 ug/l

RT: 9.450 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

Instrument :

MSVOA\_D

ClientSampleId :

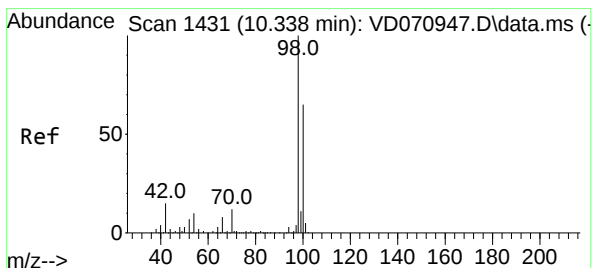
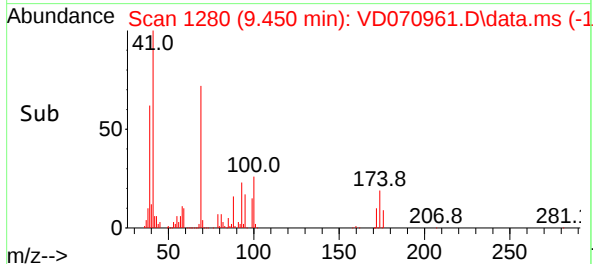
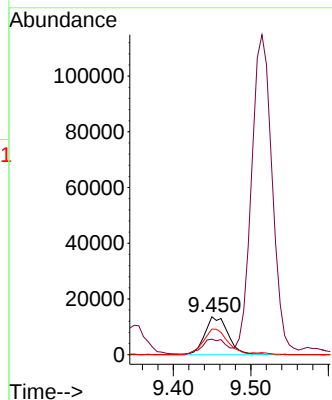
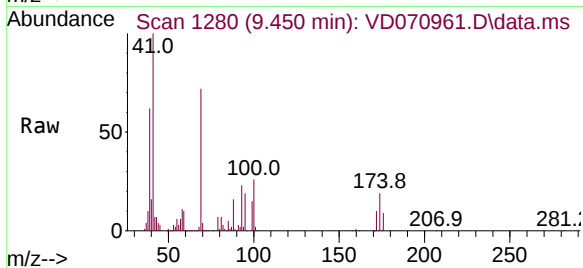
Tgt Ion: 88 Resp: 28475

Ion Ratio Lower Upper

88 100

43 41.9 28.9 43.3

58 69.6 56.3 84.5



#50

Toluene-d8

Concen: 52.403 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD070961.D

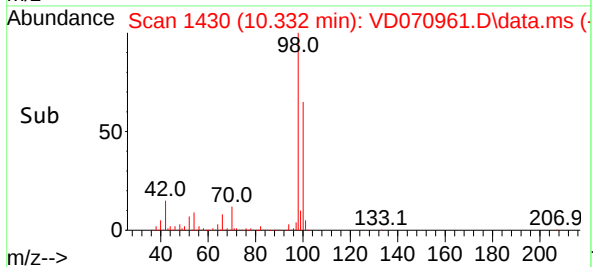
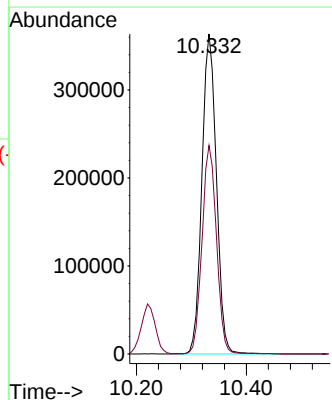
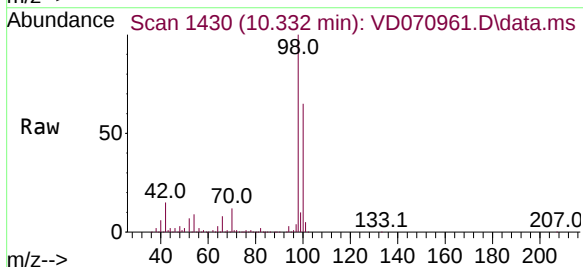
Acq: 09 Nov 2021 20:34

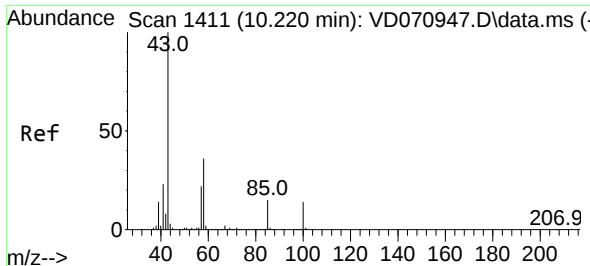
Tgt Ion: 98 Resp: 664433

Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.6

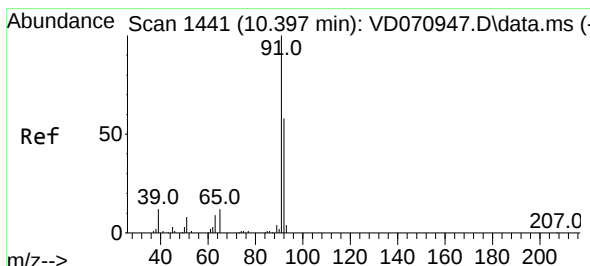
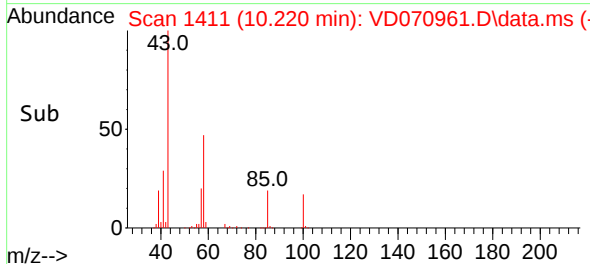
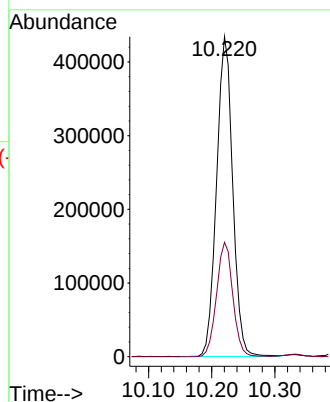
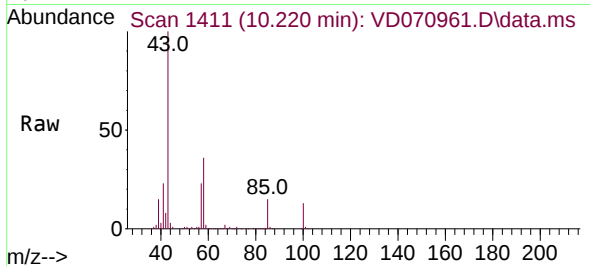




#51  
4-Methyl-2-Pentanone  
Concen: 321.091 ug/l  
RT: 10.220 min Scan# 1411  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

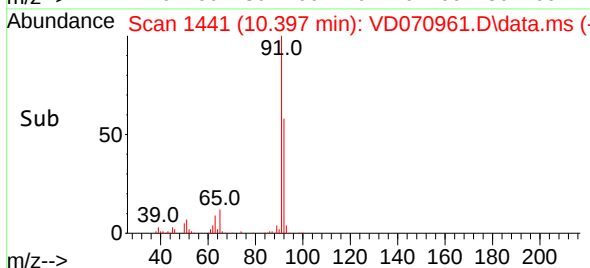
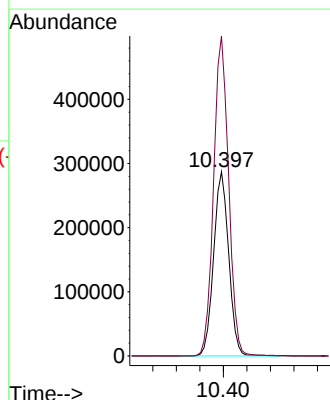
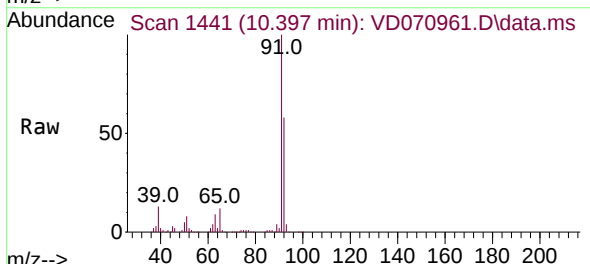
Instrument :  
MSVOA\_D  
ClientSampleId :

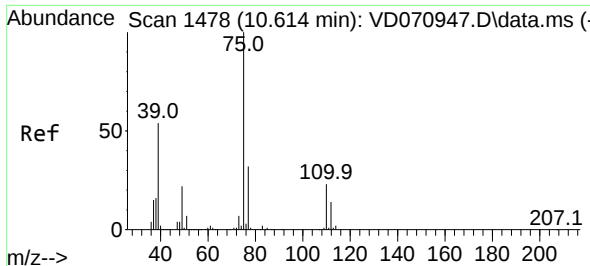
Tgt Ion: 43 Resp: 770001  
Ion Ratio Lower Upper  
43 100  
58 36.1 33.1 49.7



#52  
Toluene  
Concen: 56.046 ug/l  
RT: 10.397 min Scan# 1441  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion: 92 Resp: 509700  
Ion Ratio Lower Upper  
92 100  
91 173.4 140.7 211.1

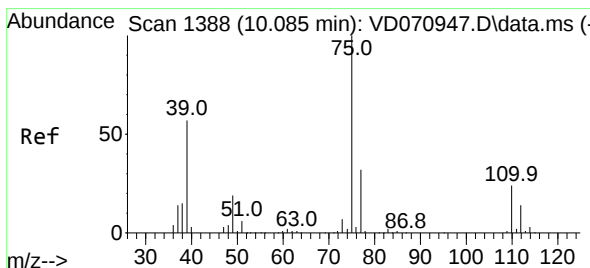
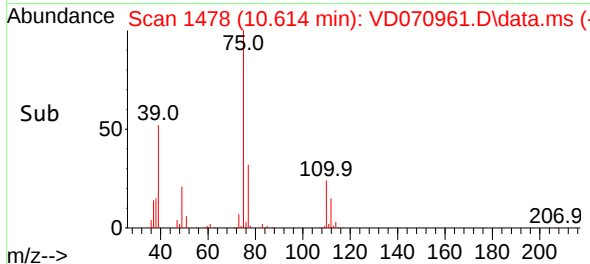
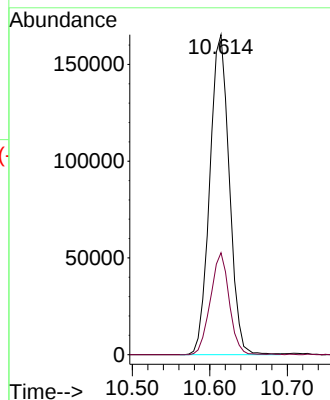
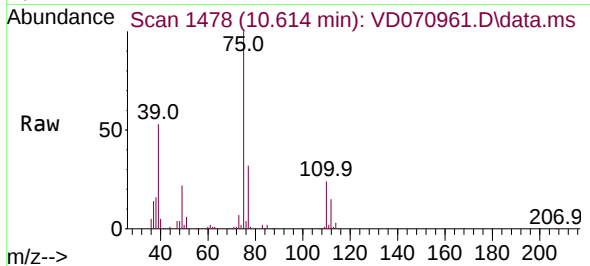




#53  
t-1,3-Dichloropropene  
Concen: 58.376 ug/l  
RT: 10.614 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

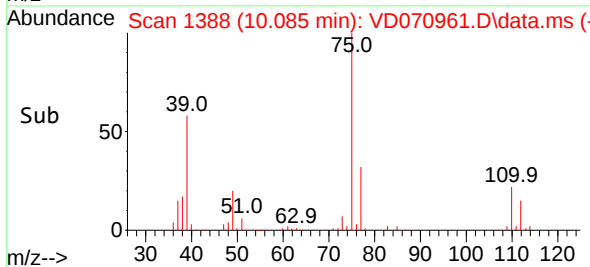
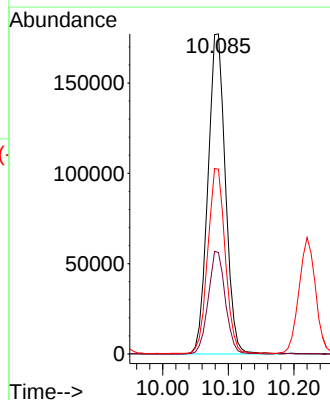
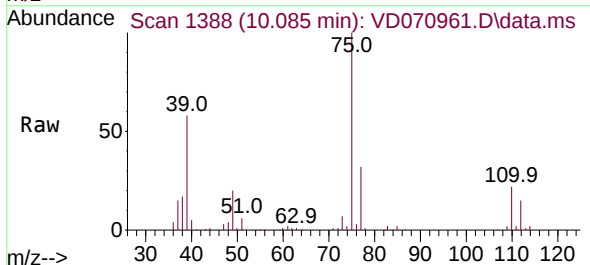
Instrument :  
MSVOA\_D  
ClientSampleId :

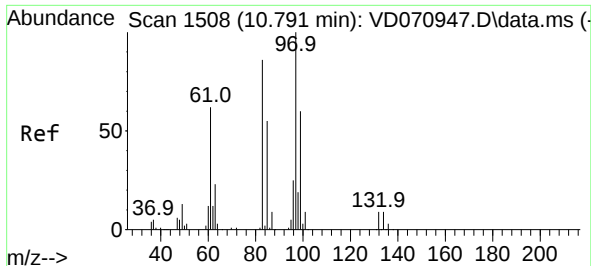
Tgt Ion: 75 Resp: 289165  
Ion Ratio Lower Upper  
75 100  
77 31.8 24.5 36.7



#54  
cis-1,3-Dichloropropene  
Concen: 56.291 ug/l  
RT: 10.085 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion: 75 Resp: 328806  
Ion Ratio Lower Upper  
75 100  
77 31.7 25.0 37.6  
39 57.6 31.6 47.4#

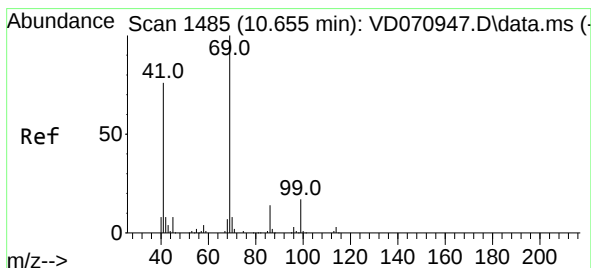
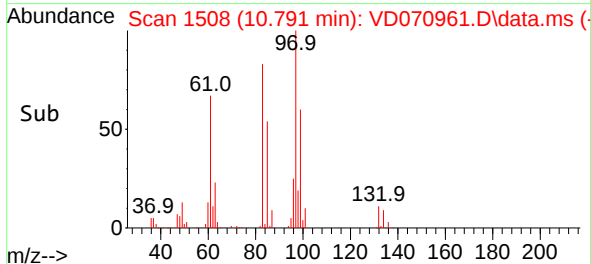
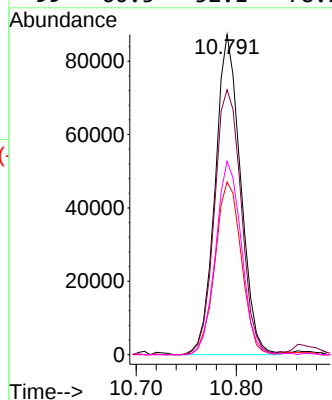
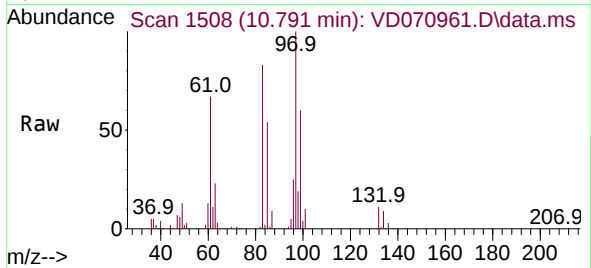




#55  
1,1,2-Trichloroethane  
Concen: 60.165 ug/l  
RT: 10.791 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

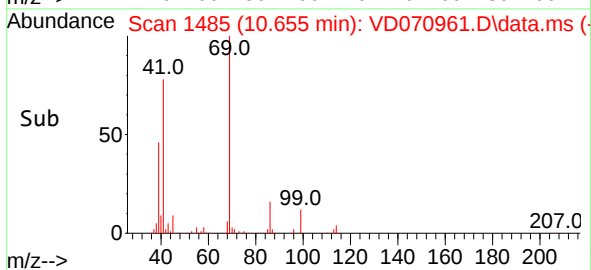
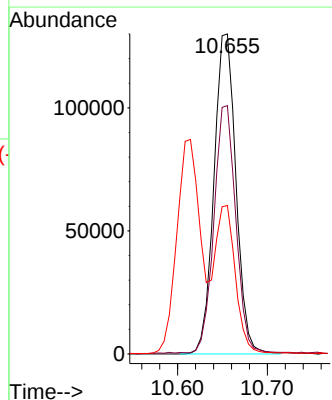
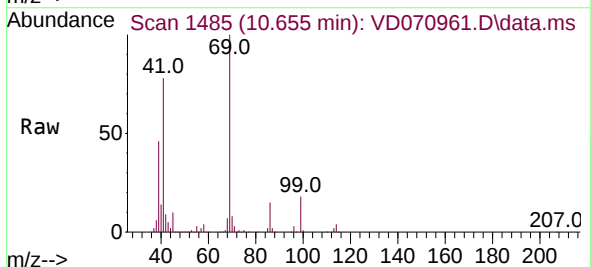
Instrument :  
MSVOA\_D  
ClientSampleId :

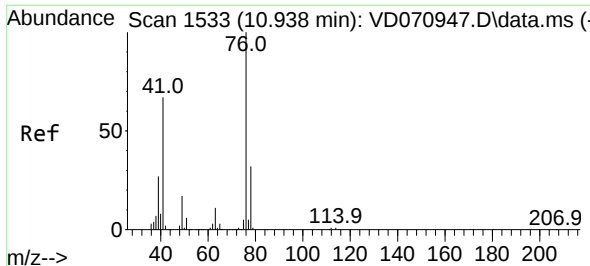
Tgt Ion: 97 Resp: 153565  
Ion Ratio Lower Upper  
97 100  
83 82.8 65.2 97.8  
85 54.0 43.4 65.0  
99 60.5 52.1 78.1



#56  
Ethyl methacrylate  
Concen: 61.312 ug/l  
RT: 10.655 min Scan# 1485  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

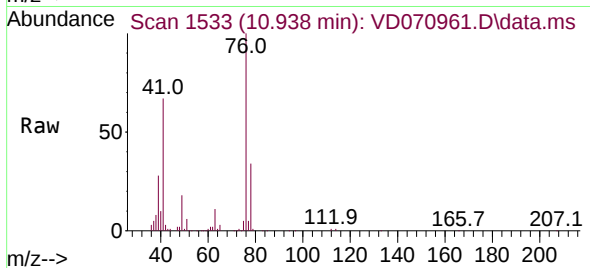
Tgt Ion: 69 Resp: 221423  
Ion Ratio Lower Upper  
69 100  
41 76.9 50.2 75.2#  
39 44.8 19.8 29.8#



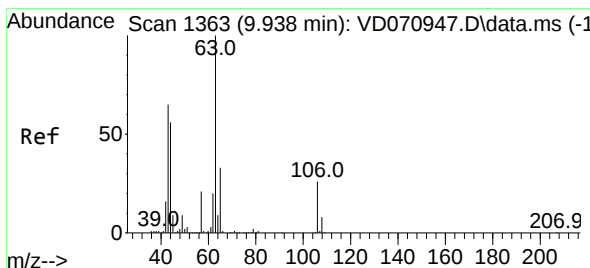
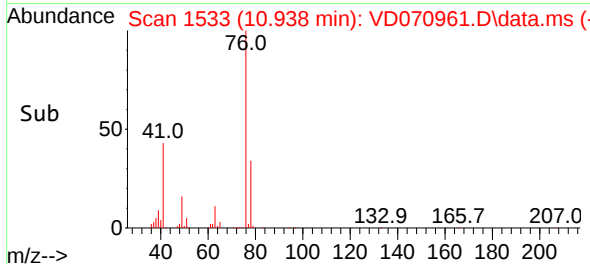
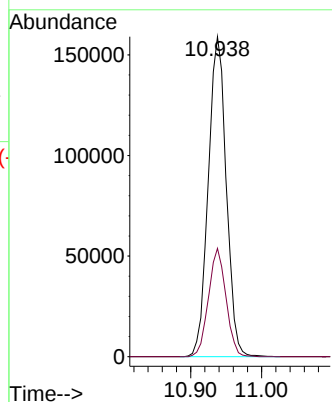


#57  
 1,3-Dichloropropane  
 Concen: 60.446 ug/l  
 RT: 10.938 min Scan# 1533  
 Delta R.T. -0.000 min  
 Lab File: VD070961.D  
 Acq: 09 Nov 2021 20:34

Instrument :  
 MSVOA\_D  
 ClientSampleId :

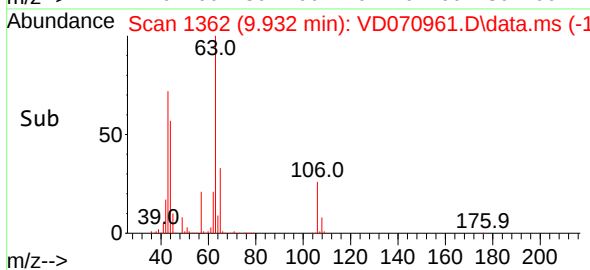
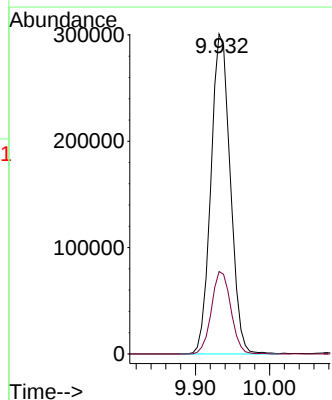
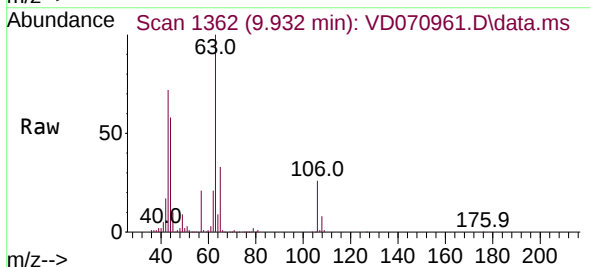


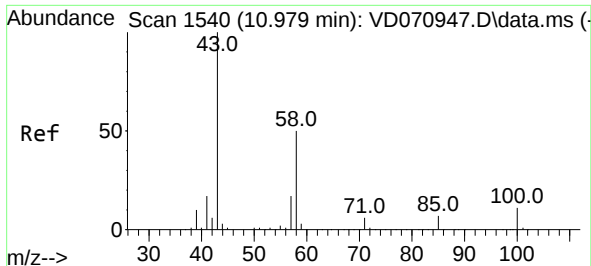
Tgt Ion: 76 Resp: 280176  
 Ion Ratio Lower Upper  
 76 100  
 78 32.9 25.8 38.6



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 290.980 ug/l  
 RT: 9.932 min Scan# 1362  
 Delta R.T. -0.006 min  
 Lab File: VD070961.D  
 Acq: 09 Nov 2021 20:34

Tgt Ion: 63 Resp: 546305  
 Ion Ratio Lower Upper  
 63 100  
 106 25.8 21.0 31.4

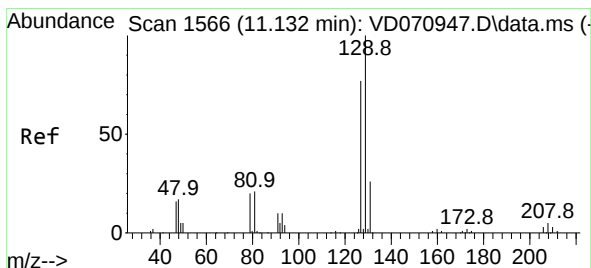
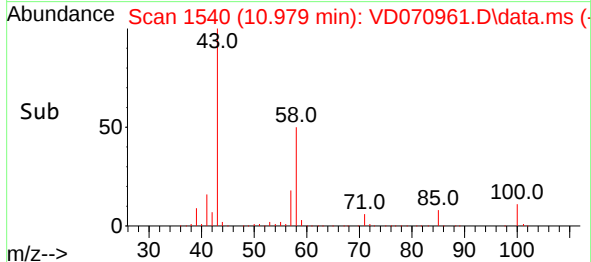
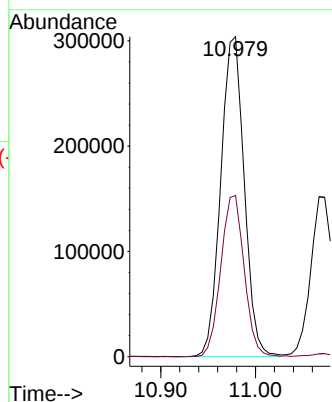
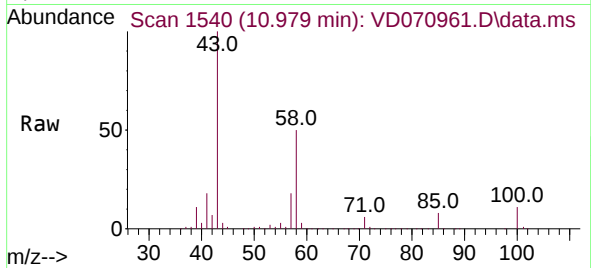




#59  
2-Hexanone  
Concen: 277.570 ug/l  
RT: 10.979 min Scan# 1540  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

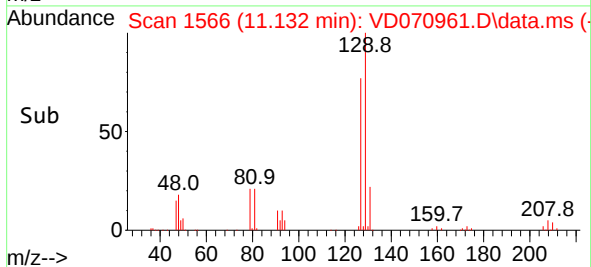
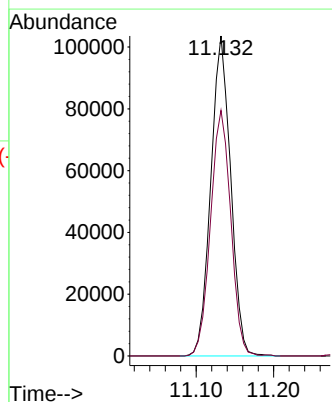
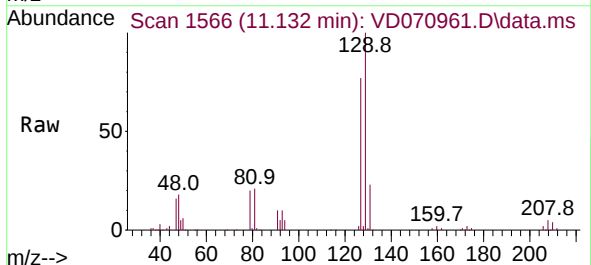
Instrument :  
MSVOA\_D  
ClientSampleId :

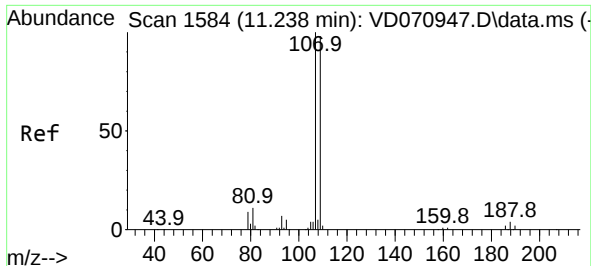
Tgt Ion: 43 Resp: 524038  
Ion Ratio Lower Upper  
43 100  
58 50.3 28.7 86.1



#60  
Dibromochloromethane  
Concen: 60.178 ug/l  
RT: 11.132 min Scan# 1566  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion: 129 Resp: 184265  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.9 116.6

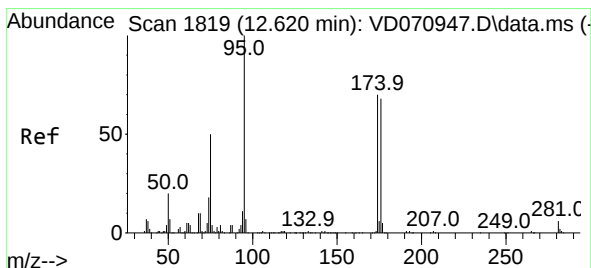
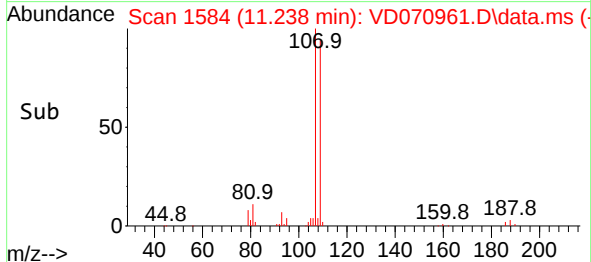
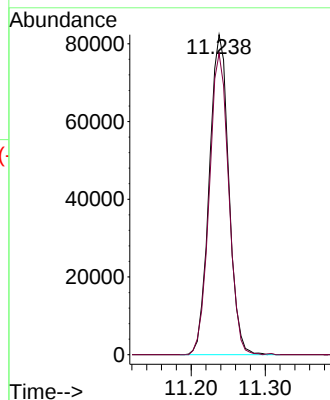
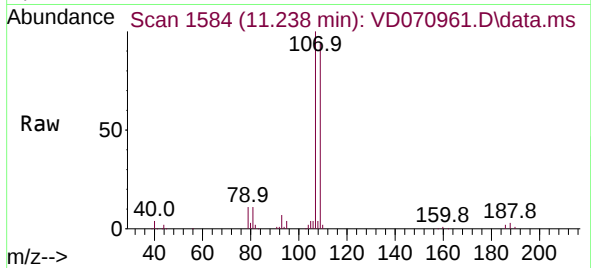




#61  
1,2-Dibromoethane  
Concen: 60.535 ug/l  
RT: 11.238 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

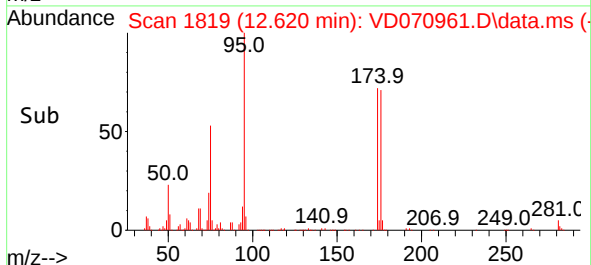
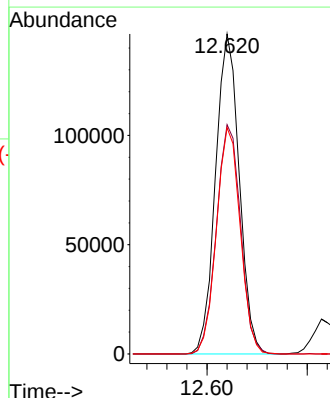
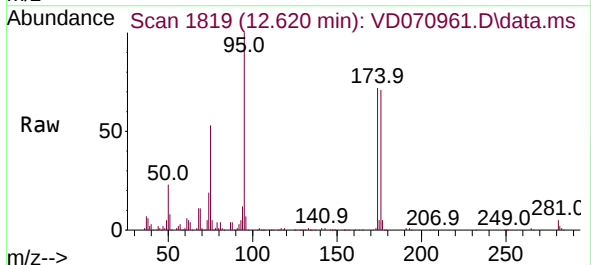
Instrument :  
MSVOA\_D  
ClientSampleId :

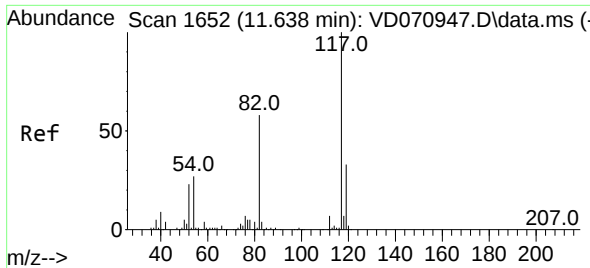
Tgt Ion:107 Resp: 150298  
Ion Ratio Lower Upper  
107 100  
109 93.8 74.6 112.0



#62  
4-Bromofluorobenzene  
Concen: 52.644 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

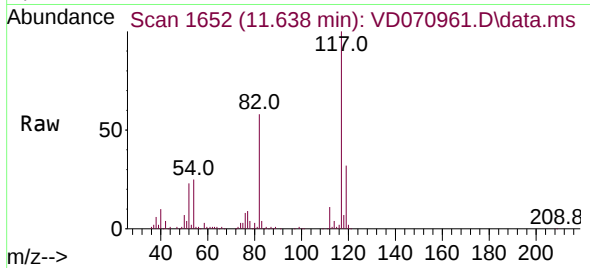
Tgt Ion: 95 Resp: 240339  
Ion Ratio Lower Upper  
95 100  
174 73.0 0.0 159.4  
176 71.0 0.0 154.0



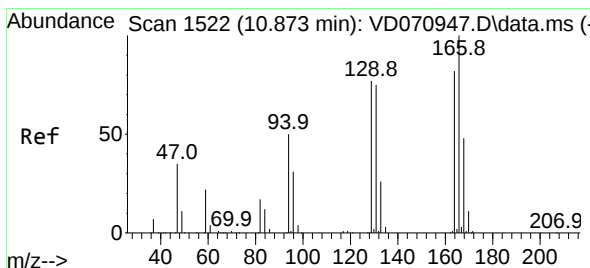
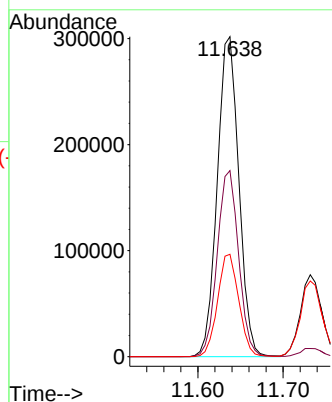
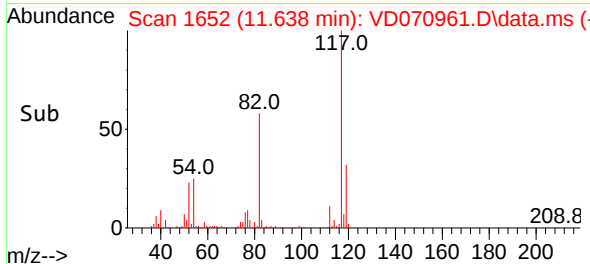


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Instrument :  
MSVOA\_D  
ClientSampleId :

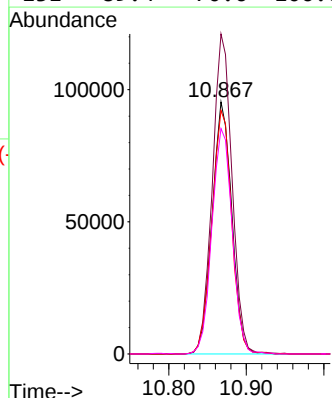
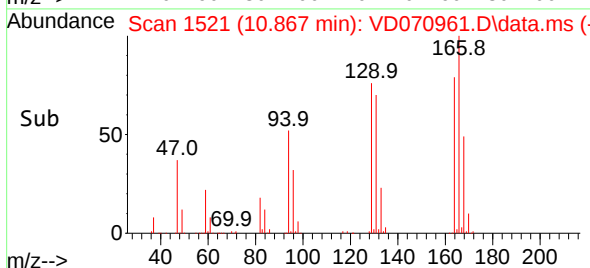
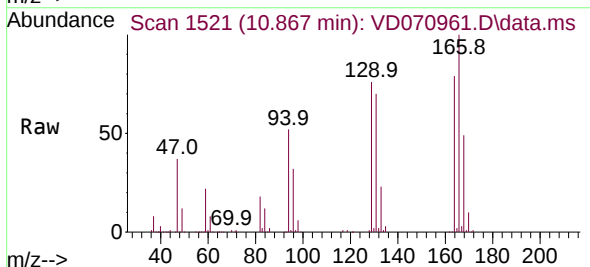


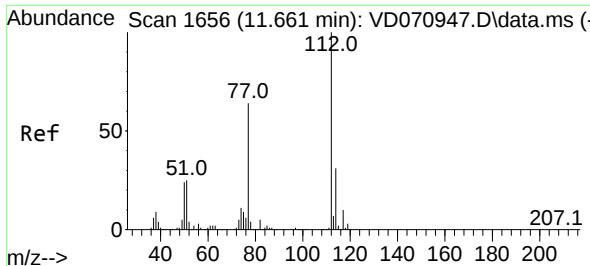
Tgt Ion:117 Resp: 532551  
Ion Ratio Lower Upper  
117 100  
82 58.2 44.7 67.1  
119 32.0 26.2 39.4



#64  
Tetrachloroethene  
Concen: 54.367 ug/l  
RT: 10.867 min Scan# 1521  
Delta R.T. -0.006 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion:164 Resp: 168831  
Ion Ratio Lower Upper  
164 100  
166 127.0 102.6 153.8  
129 96.7 75.4 113.0  
131 89.4 70.6 106.0

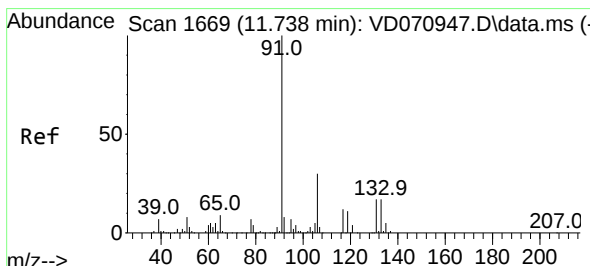
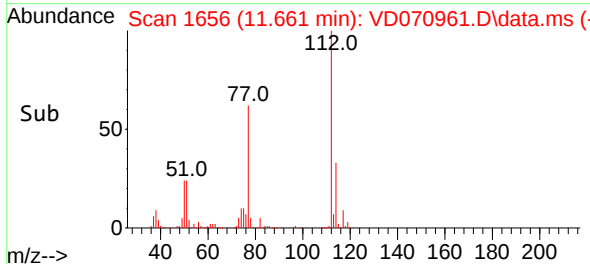
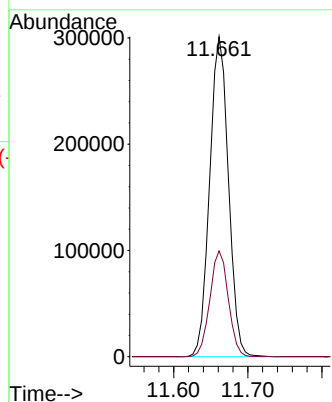
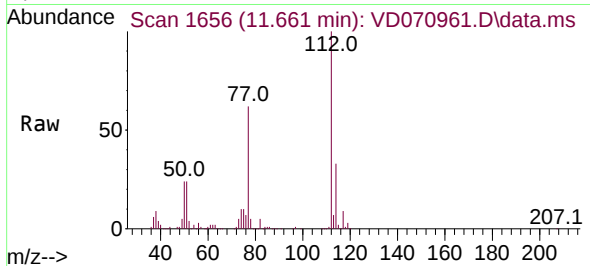




#65  
Chlorobenzene  
Concen: 55.751 ug/l  
RT: 11.661 min Scan# 1656  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

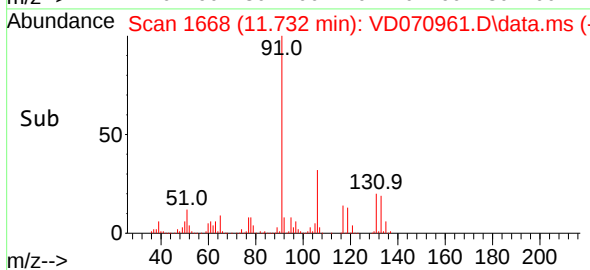
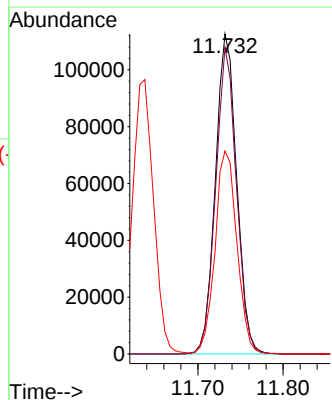
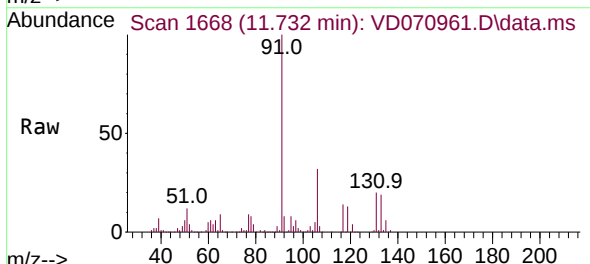
Instrument :  
MSVOA\_D  
ClientSampleId :

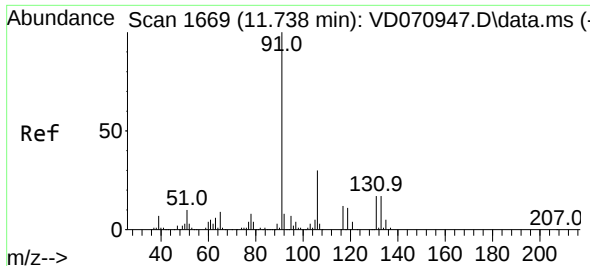
Tgt Ion:112 Resp: 529742  
Ion Ratio Lower Upper  
112 100  
114 33.1 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 57.817 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.006 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion:131 Resp: 194992  
Ion Ratio Lower Upper  
131 100  
133 94.0 48.0 144.0  
119 65.4 33.5 100.4

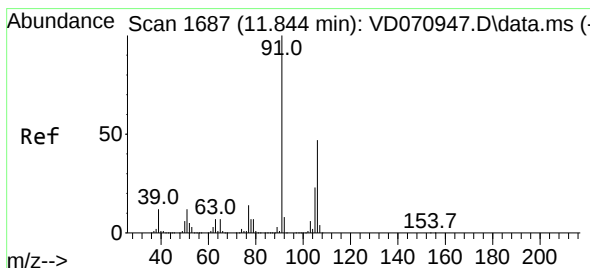
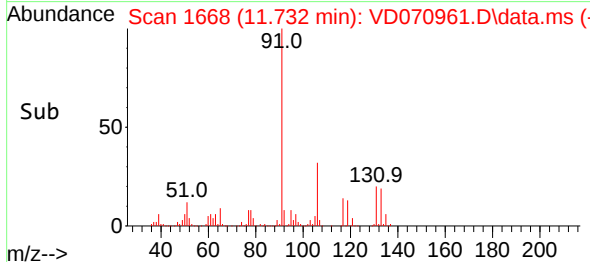
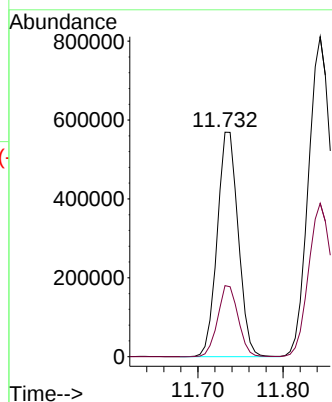
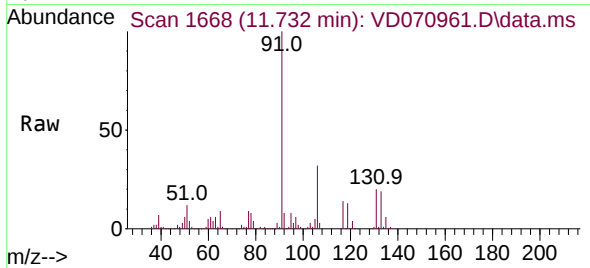




#67  
Ethyl Benzene  
Concen: 54.110 ug/l  
RT: 11.732 min Scan# 1668  
Delta R.T. -0.006 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

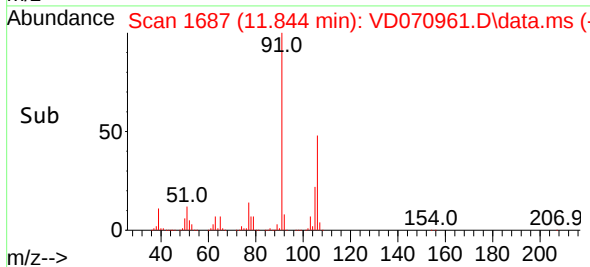
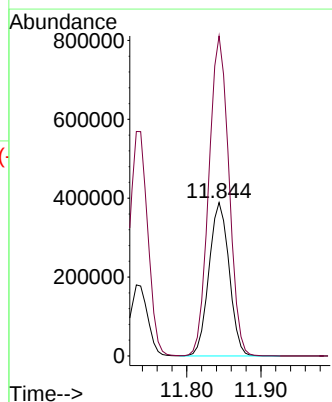
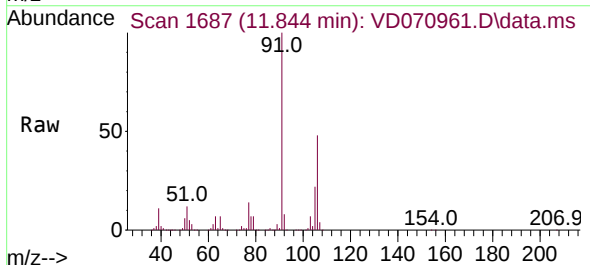
Instrument :  
MSVOA\_D  
ClientSampleId :

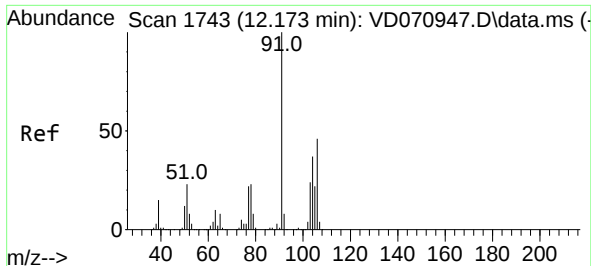
Tgt Ion: 91 Resp: 973686  
Ion Ratio Lower Upper  
91 100  
106 31.7 24.6 36.8



#68  
m/p-Xylenes  
Concen: 109.289 ug/l  
RT: 11.844 min Scan# 1687  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion:106 Resp: 735005  
Ion Ratio Lower Upper  
106 100  
91 207.8 160.1 240.1

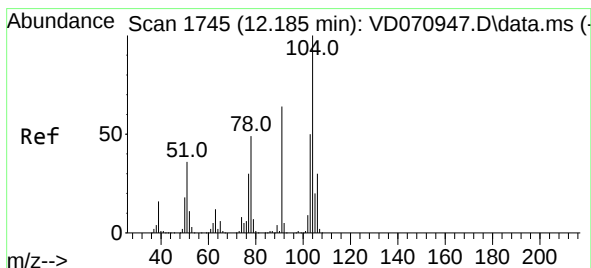
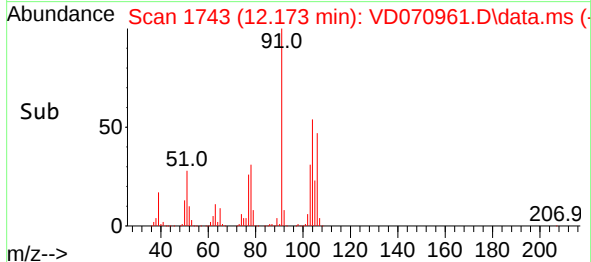
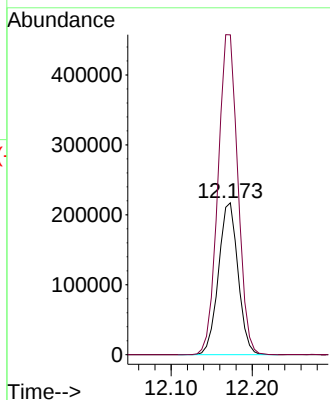
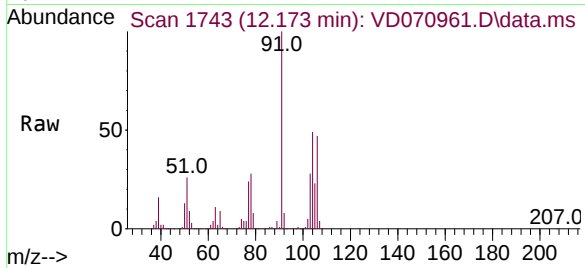




#69  
o-Xylene  
Concen: 56.779 ug/l  
RT: 12.173 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

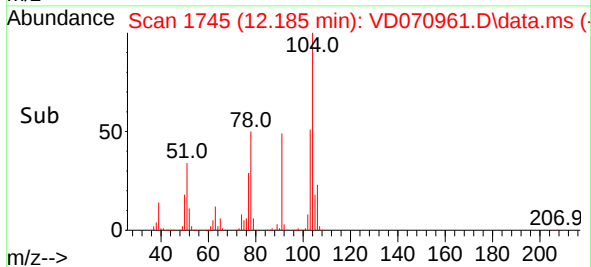
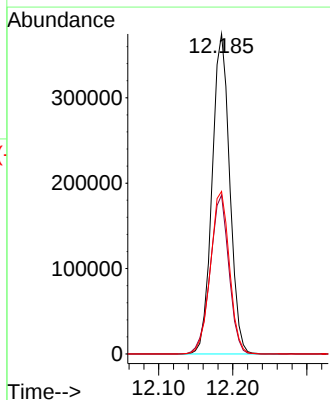
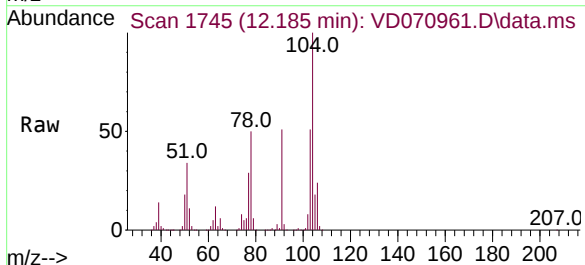
Instrument :  
MSVOA\_D  
ClientSampleId :

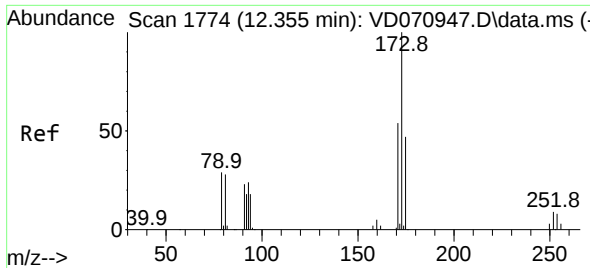
Tgt Ion:106 Resp: 363215  
Ion Ratio Lower Upper  
106 100  
91 214.5 106.3 319.0



#70  
Styrene  
Concen: 57.030 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion:104 Resp: 617717  
Ion Ratio Lower Upper  
104 100  
78 52.7 39.4 59.0  
103 54.9 43.4 65.0

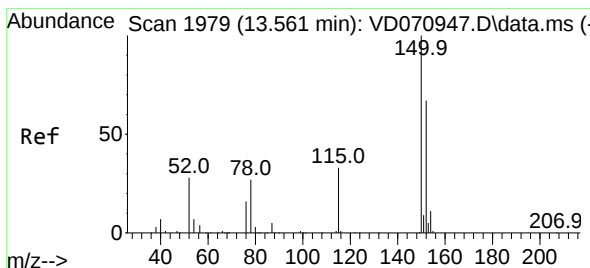
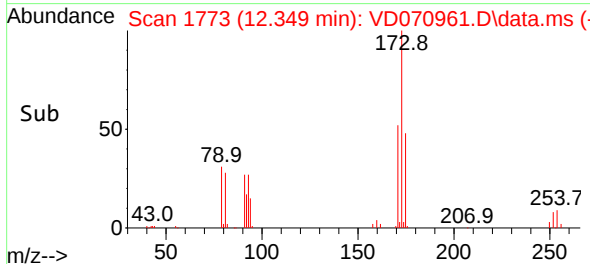
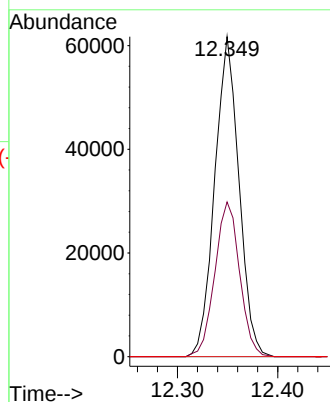
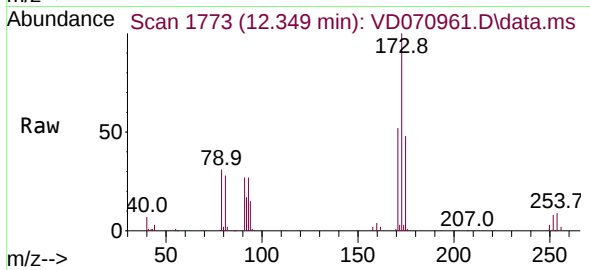




#71  
Bromoform  
Concen: 58.828 ug/l  
RT: 12.349 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

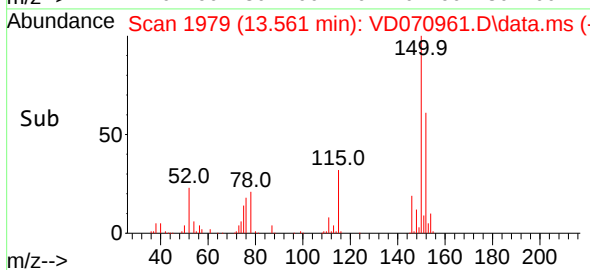
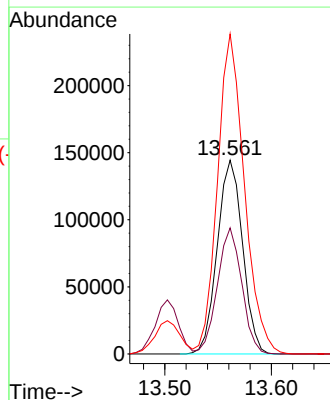
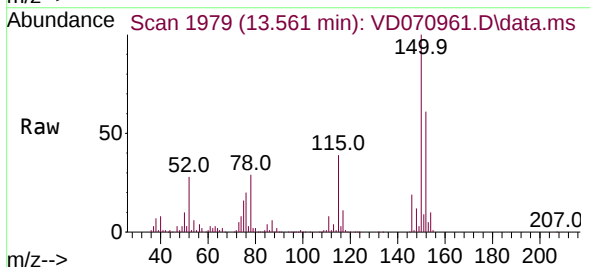
Instrument :  
MSVOA\_D  
ClientSampleId :

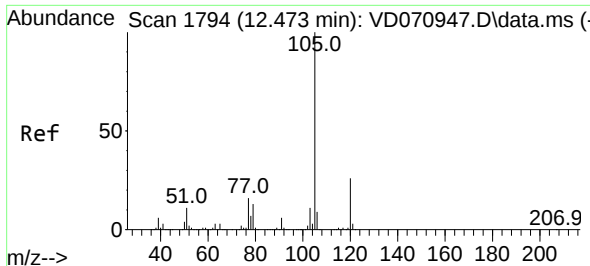
Tgt Ion:173 Resp: 103462  
Ion Ratio Lower Upper  
173 100  
175 49.4 24.1 72.2  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion:152 Resp: 238132  
Ion Ratio Lower Upper  
152 100  
115 62.6 29.8 89.3  
150 175.4 0.0 349.2

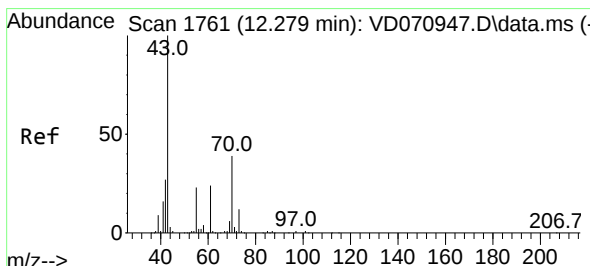
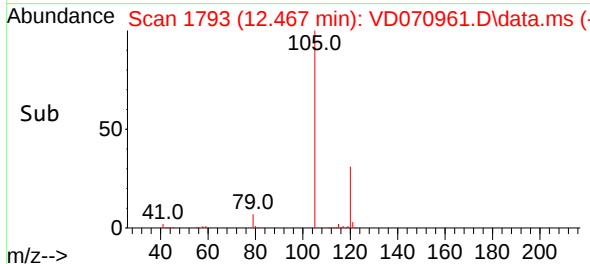
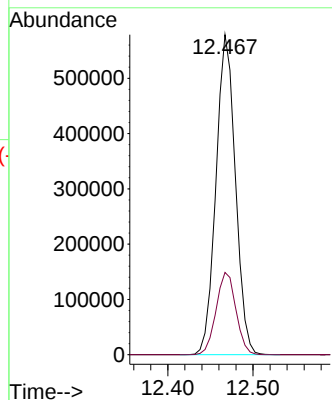
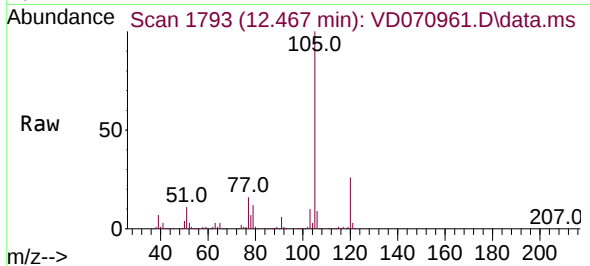




#73  
Isopropylbenzene  
Concen: 53.508 ug/l  
RT: 12.467 min Scan# 1794  
Delta R.T. -0.006 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

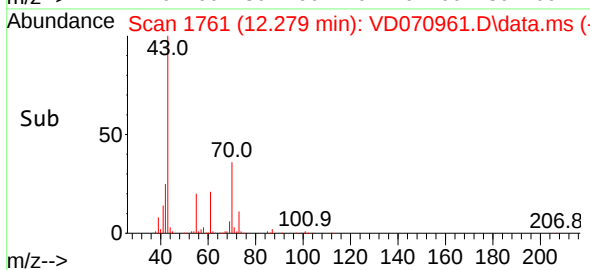
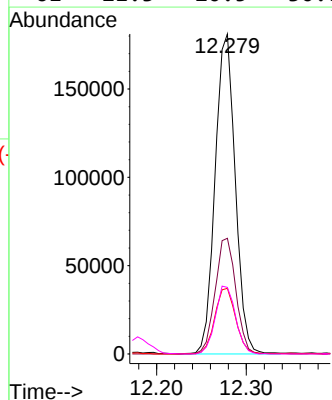
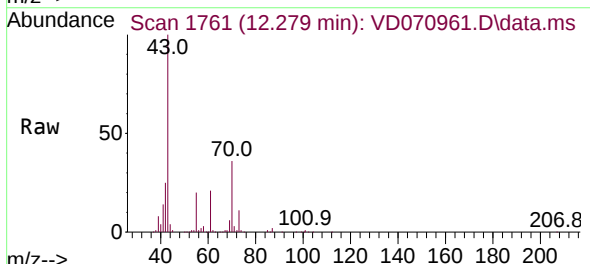
Instrument :  
MSVOA\_D  
ClientSampleId :

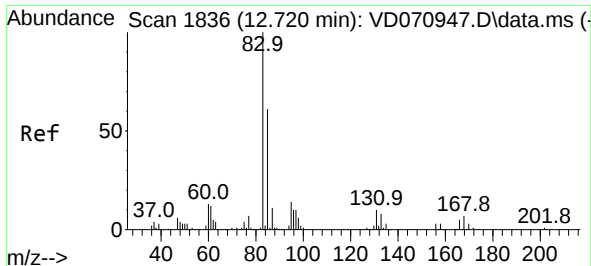
Tgt Ion:105 Resp: 917944  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.2 39.5



#74  
N-ethyl acetate  
Concen: 57.621 ug/l  
RT: 12.279 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion: 43 Resp: 282406  
Ion Ratio Lower Upper  
43 100  
70 37.3 36.6 55.0  
55 21.4 22.5 33.7#  
61 21.3 20.5 30.7

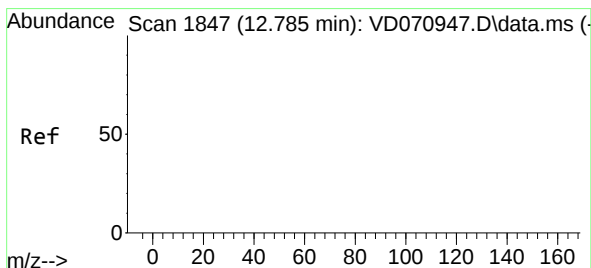
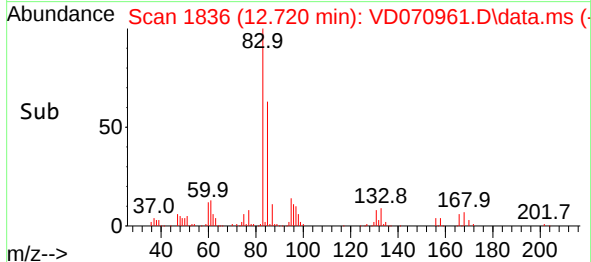
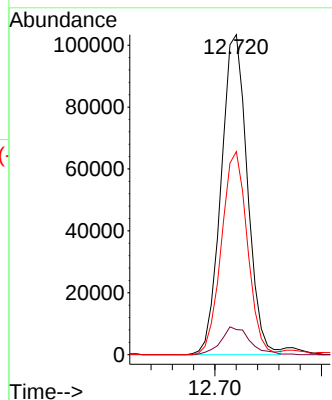
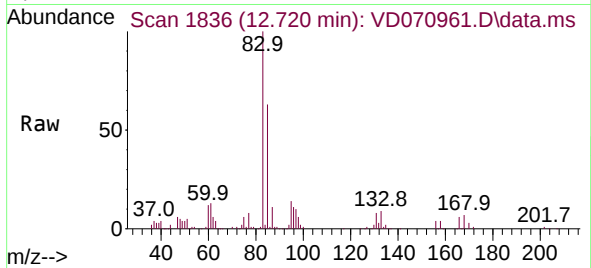




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 59.885 ug/l  
 RT: 12.720 min Scan# 1836  
 Delta R.T. 0.000 min  
 Lab File: VD070961.D  
 Acq: 09 Nov 2021 20:34

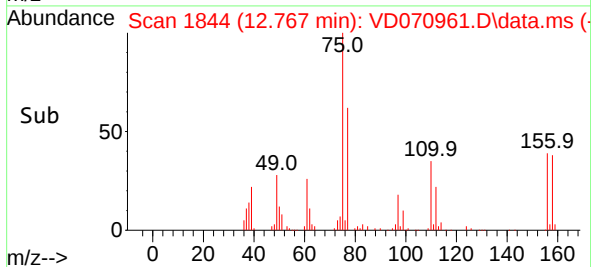
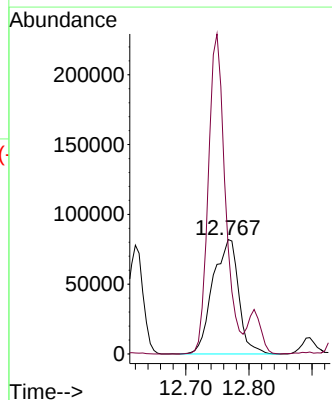
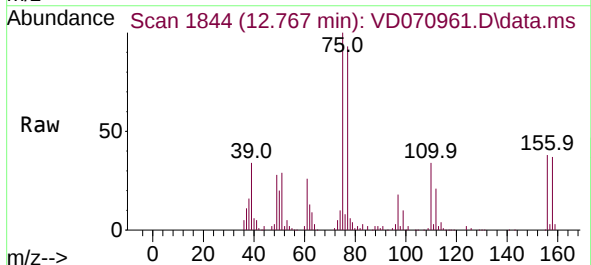
Instrument :  
 MSVOA\_D  
 ClientSampleId :

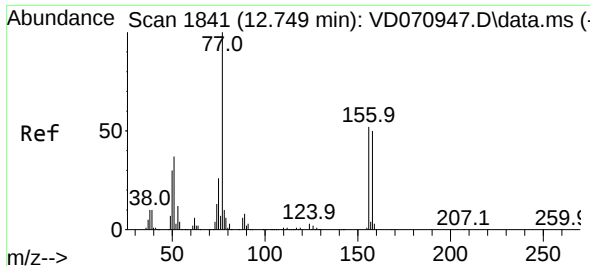
Tgt Ion: 83 Resp: 176830  
 Ion Ratio Lower Upper  
 83 100  
 131 9.5 4.9 14.7  
 85 62.6 32.0 96.2



#76  
 1,2,3-Trichloropropane  
 Concen: 114.495 ug/l  
 RT: 12.767 min Scan# 1844  
 Delta R.T. -0.018 min  
 Lab File: VD070961.D  
 Acq: 09 Nov 2021 20:34

Tgt Ion: 75 Resp: 232897  
 Ion Ratio Lower Upper  
 75 100  
 77 184.6 158.4 475.3

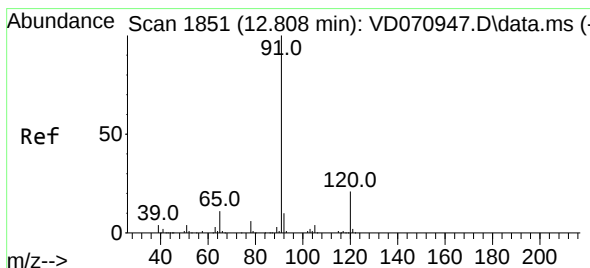
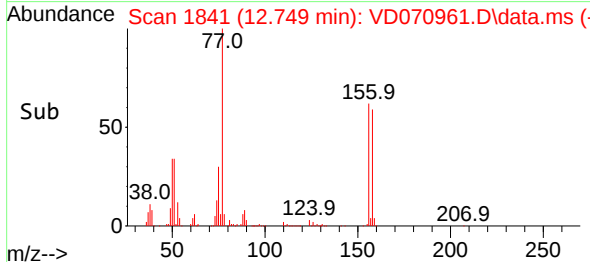
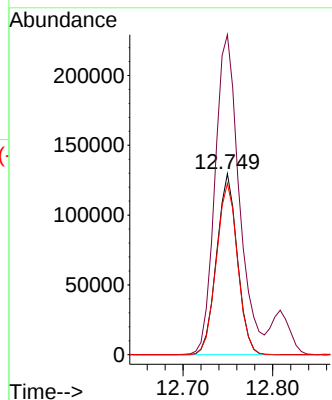
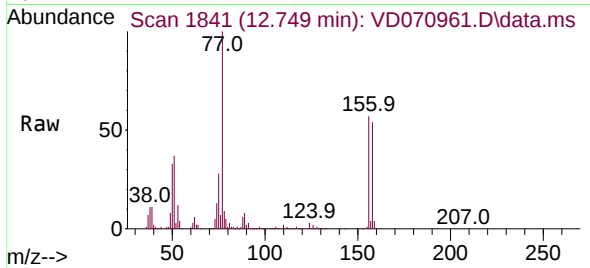




#77  
Bromobenzene  
Concen: 56.727 ug/l  
RT: 12.749 min Scan# 1841  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

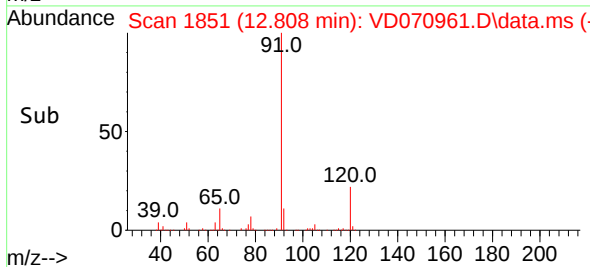
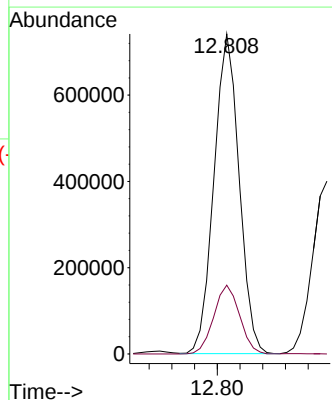
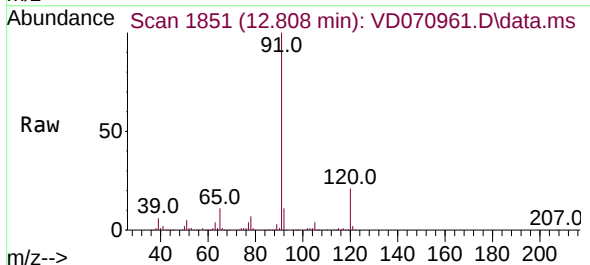
Instrument :  
MSVOA\_D  
ClientSampleId :

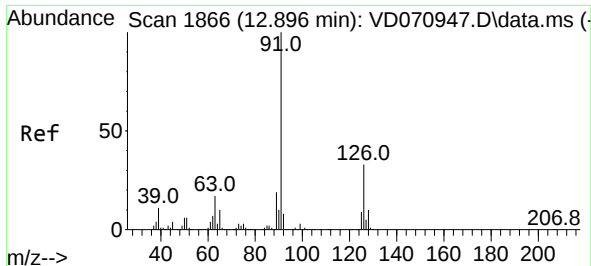
Tgt Ion:156 Resp: 207930  
Ion Ratio Lower Upper  
156 100  
77 206.8 96.6 289.8  
158 97.1 49.1 147.4



#78  
n-propylbenzene  
Concen: 53.566 ug/l  
RT: 12.808 min Scan# 1851  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion: 91 Resp: 1138657  
Ion Ratio Lower Upper  
91 100  
120 22.0 10.9 32.9

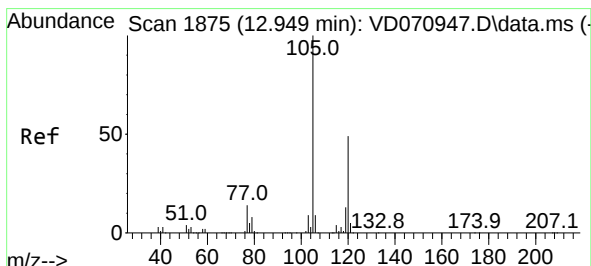
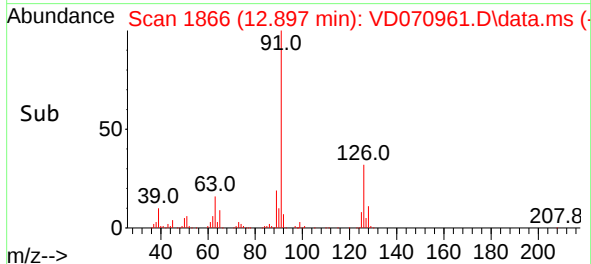
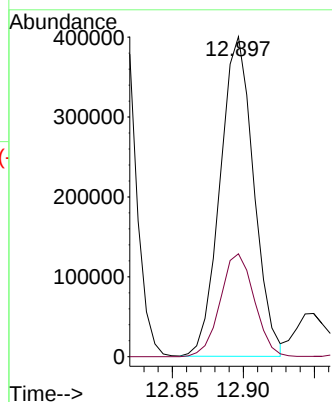
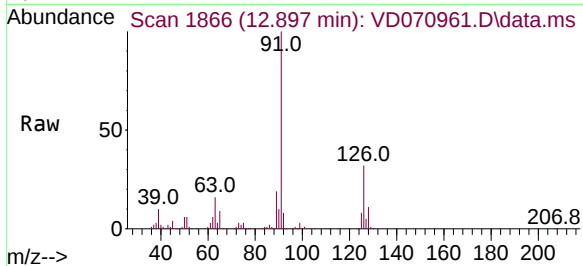




#79  
2-Chlorotoluene  
Concen: 54.351 ug/l  
RT: 12.897 min Scan# 1866  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

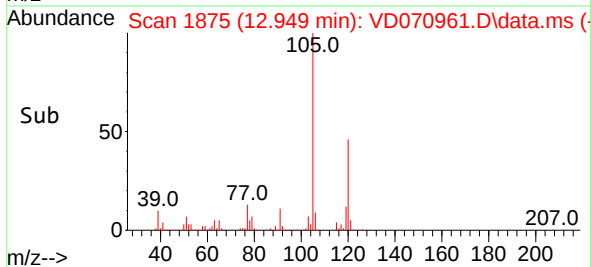
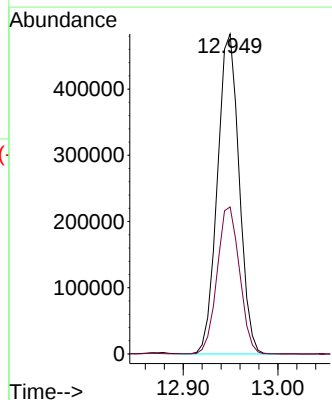
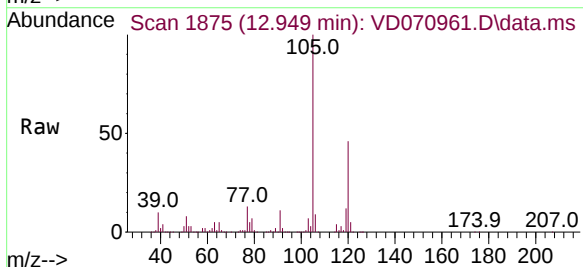
Instrument :  
MSVOA\_D  
ClientSampleId :

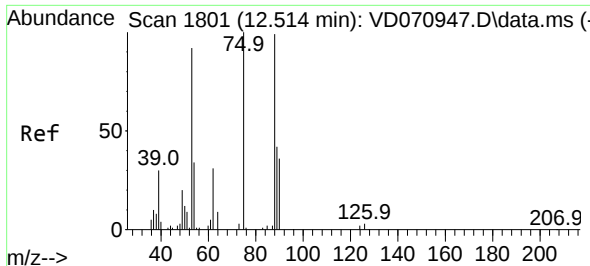
Tgt Ion: 91 Resp: 658750  
Ion Ratio Lower Upper  
91 100  
126 32.7 16.6 49.7



#80  
1,3,5-Trimethylbenzene  
Concen: 54.605 ug/l  
RT: 12.949 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion:105 Resp: 771292  
Ion Ratio Lower Upper  
105 100  
120 47.3 24.6 73.8

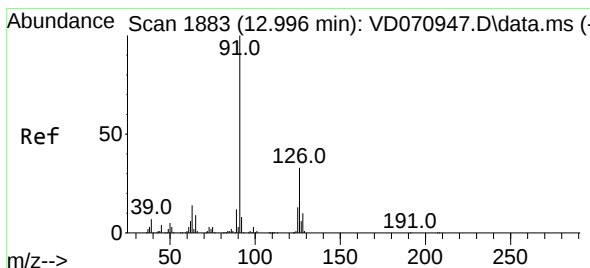
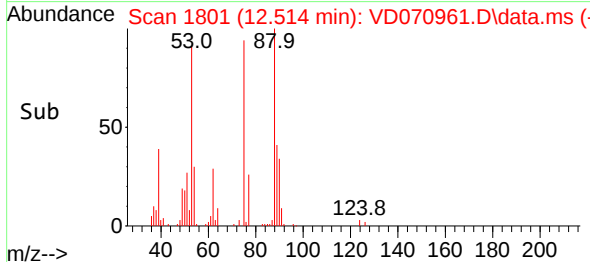
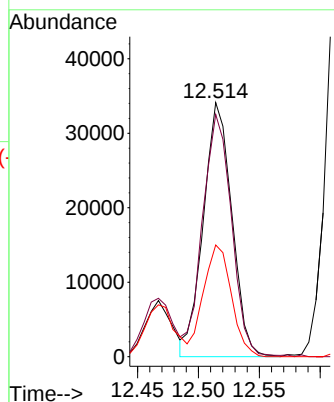
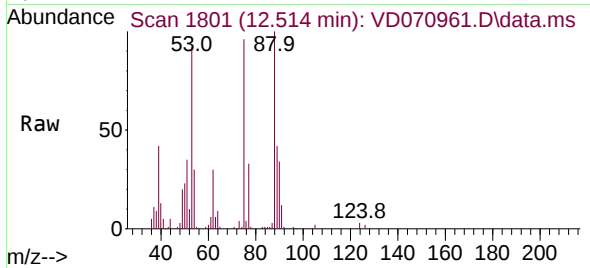




#81  
trans-1,4-Dichloro-2-butene  
Concen: 52.520 ug/l  
RT: 12.514 min Scan# 1801  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

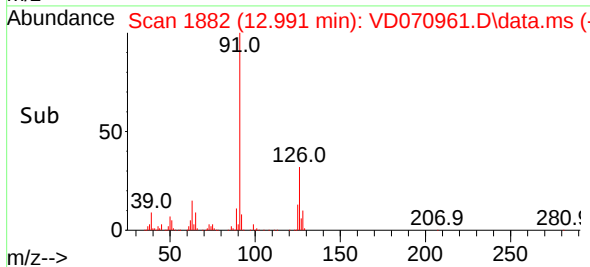
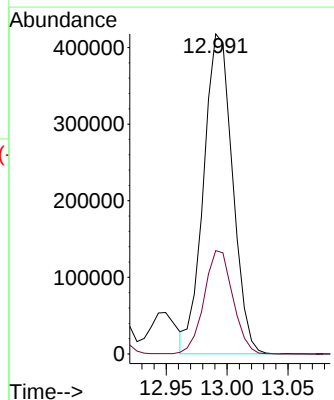
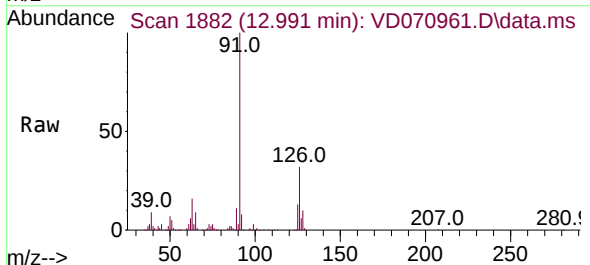
Instrument :  
MSVOA\_D  
ClientSampleId :

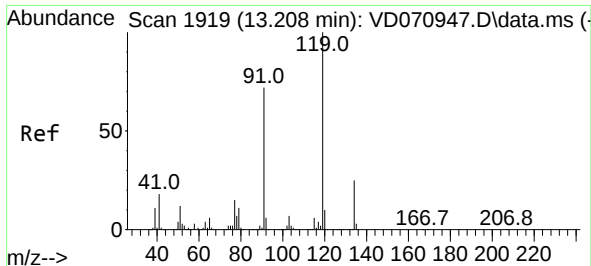
Tgt Ion: 75 Resp: 55651  
Ion Ratio Lower Upper  
75 100  
53 97.2 62.6 94.0#  
89 43.1 34.5 51.7



#82  
4-Chlorotoluene  
Concen: 55.285 ug/l  
RT: 12.991 min Scan# 1882  
Delta R.T. -0.005 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion: 91 Resp: 691559  
Ion Ratio Lower Upper  
91 100  
126 32.2 16.4 49.1

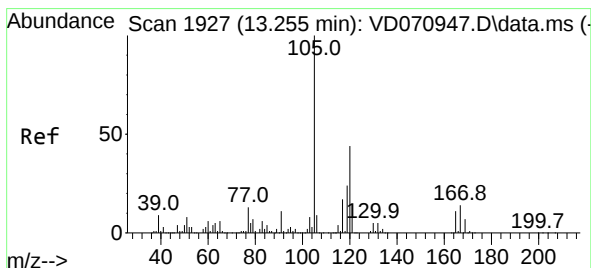
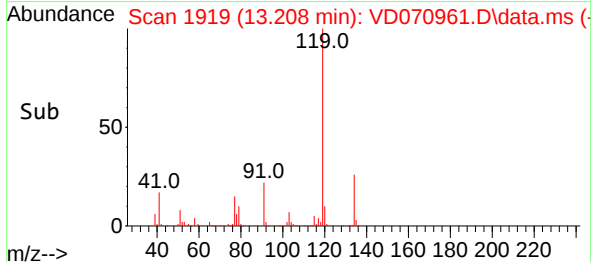
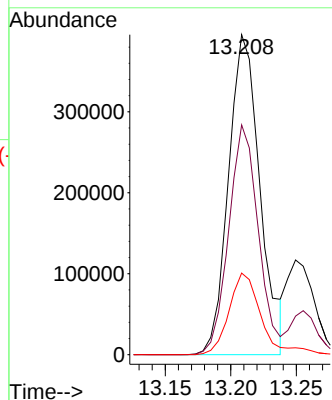
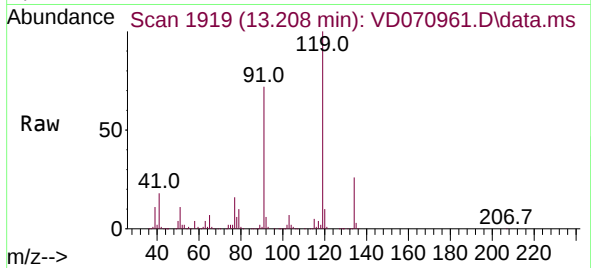




#83  
tert-Butylbenzene  
Concen: 54.308 ug/l  
RT: 13.208 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

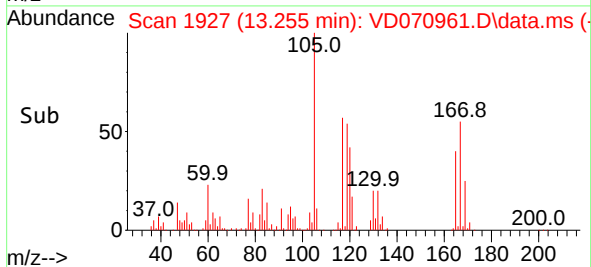
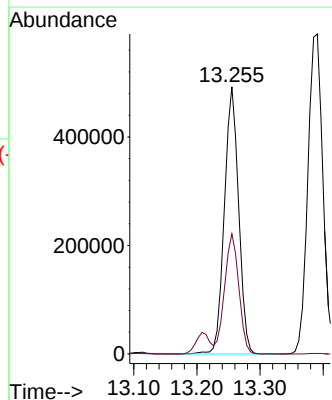
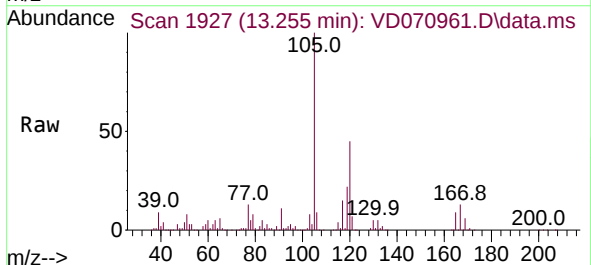
Instrument :  
MSVOA\_D  
ClientSampleId :

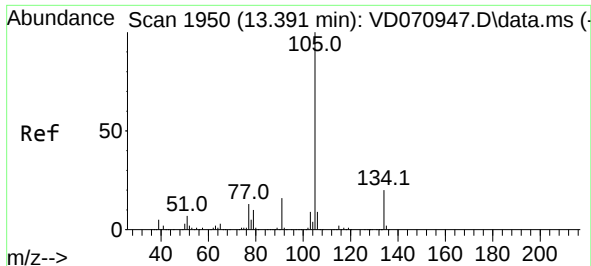
Tgt Ion:119 Resp: 660799  
Ion Ratio Lower Upper  
119 100  
91 67.6 32.5 97.5  
134 26.1 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 55.712 ug/l  
RT: 13.255 min Scan# 1927  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion:105 Resp: 770674  
Ion Ratio Lower Upper  
105 100  
120 44.9 22.9 68.7

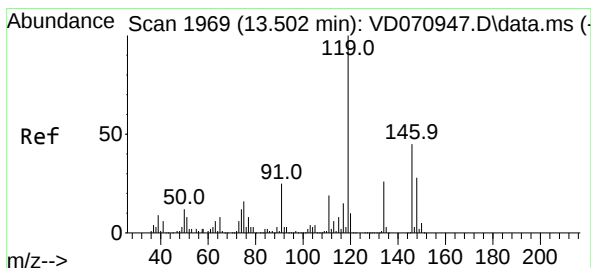
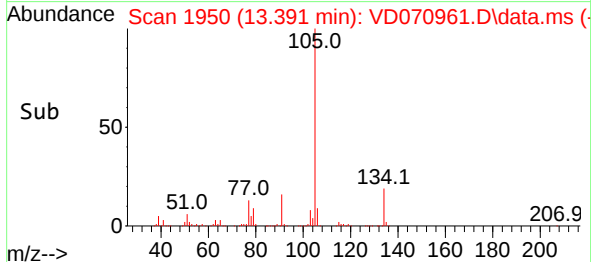
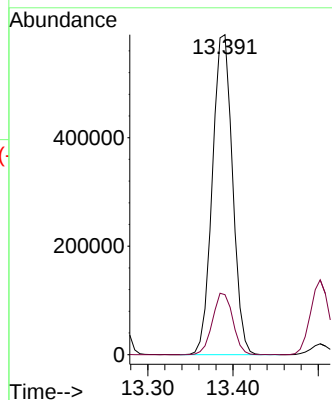
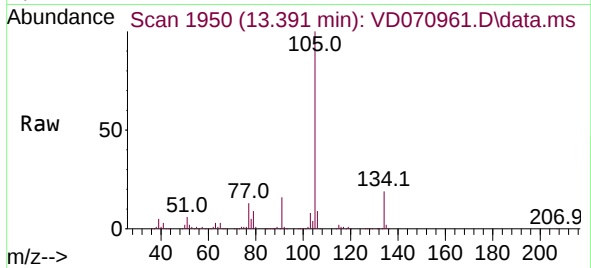




#85  
 sec-Butylbenzene  
 Concen: 52.906 ug/l  
 RT: 13.391 min Scan# 1950  
 Delta R.T. -0.000 min  
 Lab File: VD070961.D  
 Acq: 09 Nov 2021 20:34

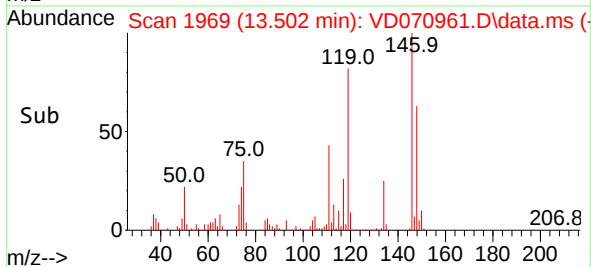
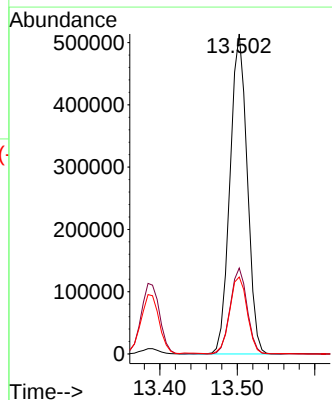
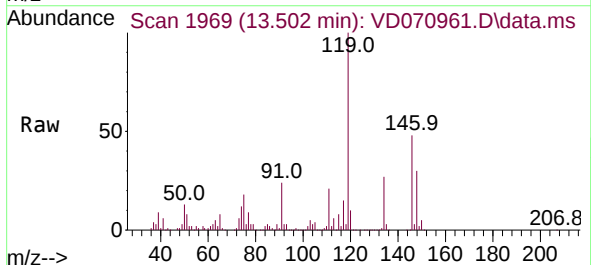
Instrument :  
 MSVOA\_D  
 ClientSampleId :

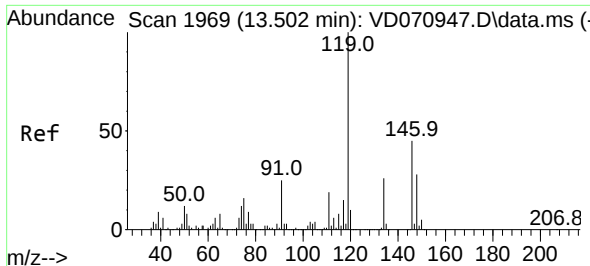
Tgt Ion:105 Resp: 967792  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 54.122 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD070961.D  
 Acq: 09 Nov 2021 20:34

Tgt Ion:119 Resp: 794975  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.0 38.9  
 91 24.5 11.4 34.2

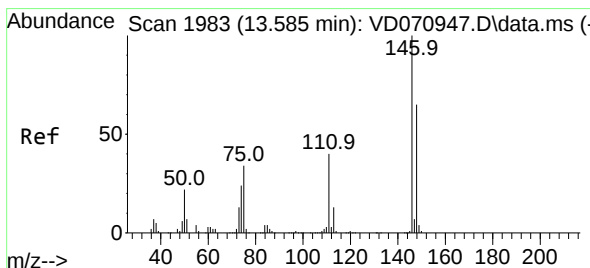
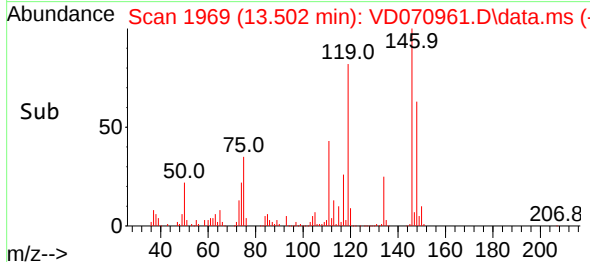
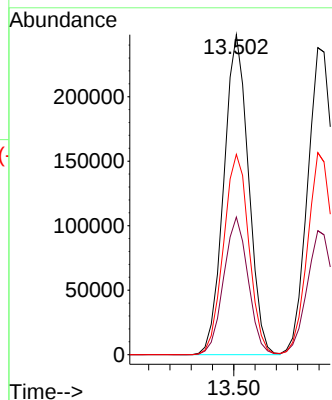
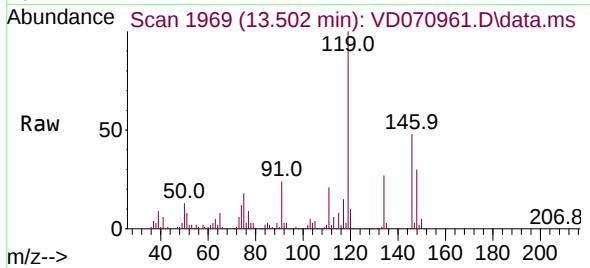




#87  
 1,3-Dichlorobenzene  
 Concen: 55.738 ug/l  
 RT: 13.502 min Scan# 1969  
 Delta R.T. 0.000 min  
 Lab File: VD070961.D  
 Acq: 09 Nov 2021 20:34

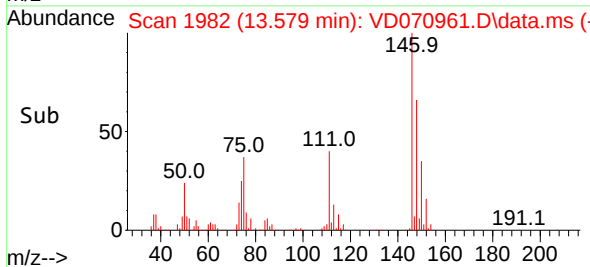
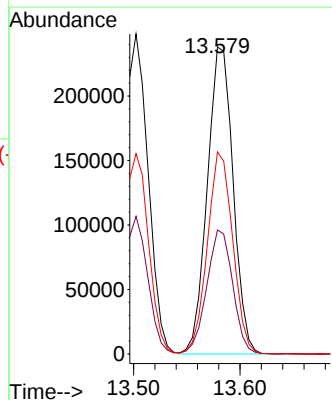
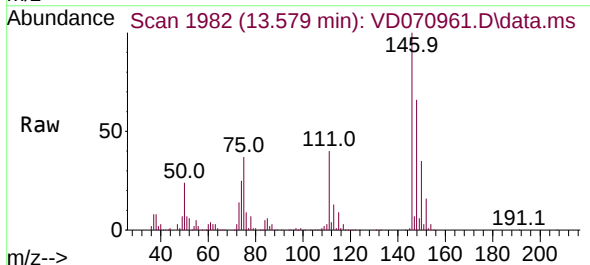
Instrument :  
 MSVOA\_D  
 ClientSampleId :

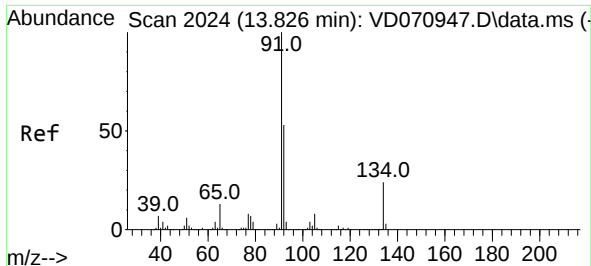
Tgt Ion:146 Resp: 399461  
 Ion Ratio Lower Upper  
 146 100  
 111 42.5 19.8 59.4  
 148 64.2 32.1 96.3



#88  
 1,4-Dichlorobenzene  
 Concen: 55.903 ug/l  
 RT: 13.579 min Scan# 1982  
 Delta R.T. -0.006 min  
 Lab File: VD070961.D  
 Acq: 09 Nov 2021 20:34

Tgt Ion:146 Resp: 401144  
 Ion Ratio Lower Upper  
 146 100  
 111 40.6 19.6 58.8  
 148 64.7 31.5 94.5





#89

n-Butylbenzene

Concen: 53.069 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

Instrument :

MSVOA\_D

ClientSampleId :

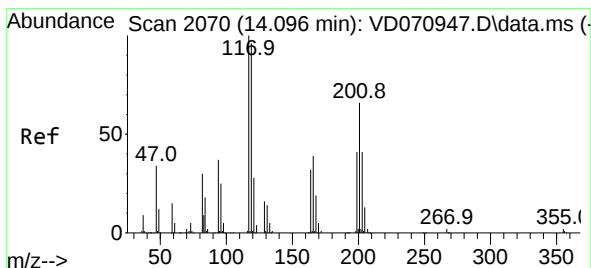
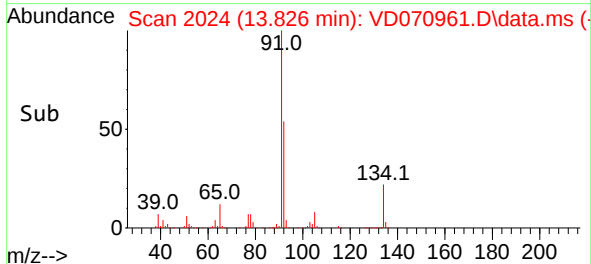
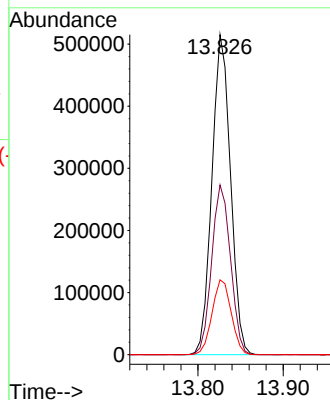
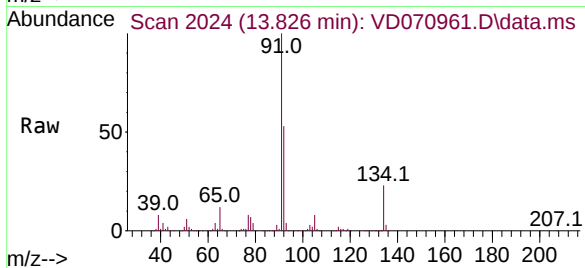
Tgt Ion: 91 Resp: 783399

Ion Ratio Lower Upper

91 100

92 53.7 27.3 81.9

134 24.1 12.3 36.9



#90

Hexachloroethane

Concen: 54.903 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD070961.D

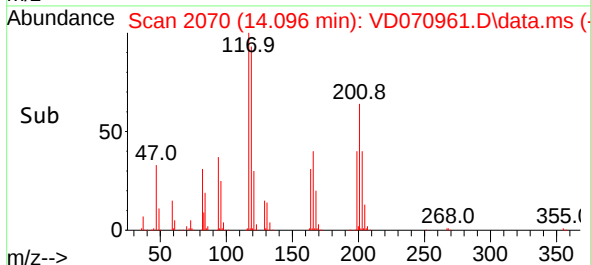
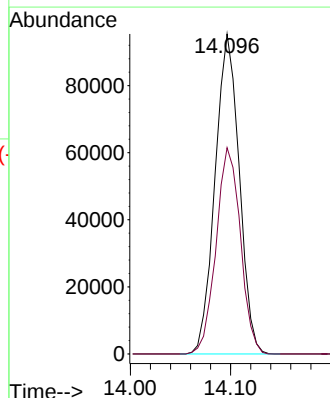
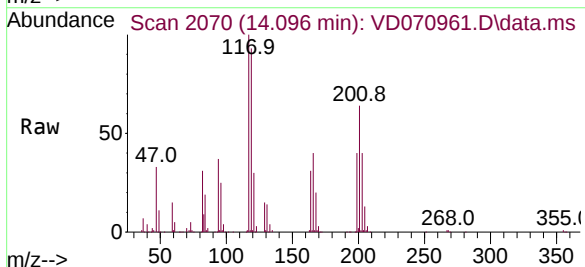
Acq: 09 Nov 2021 20:34

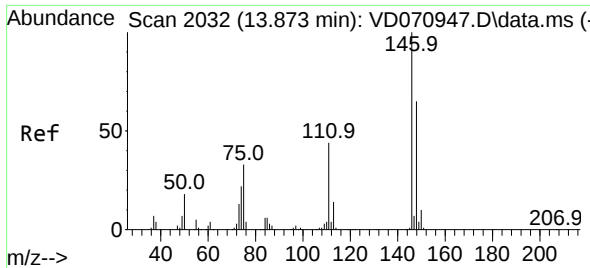
Tgt Ion: 117 Resp: 159586

Ion Ratio Lower Upper

117 100

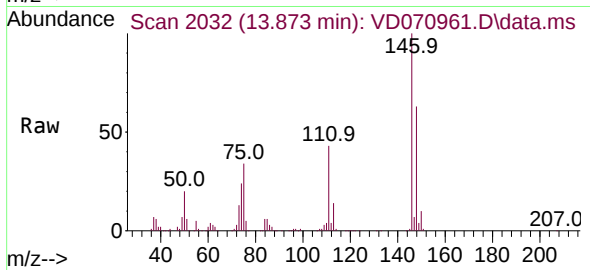
201 64.8 36.0 108.1



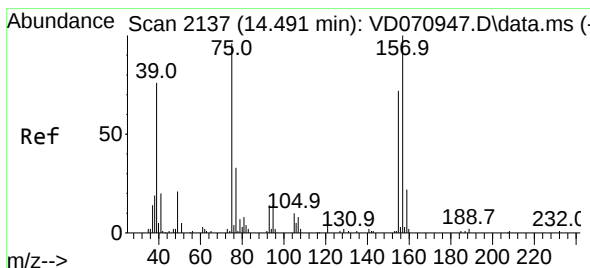
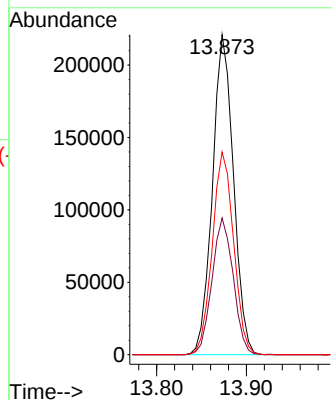
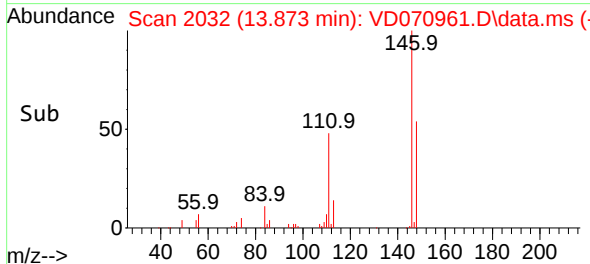


#91  
1,2-Dichlorobenzene  
Concen: 57.861 ug/l  
RT: 13.873 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

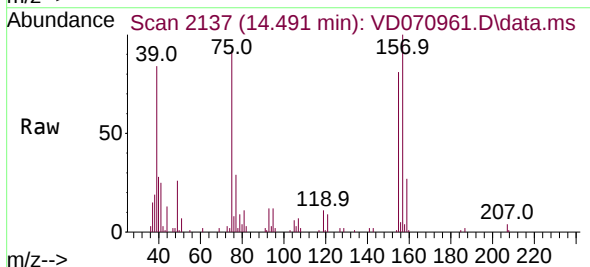
Instrument :  
MSVOA\_D  
ClientSampleId :



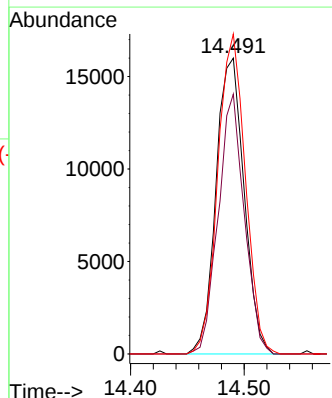
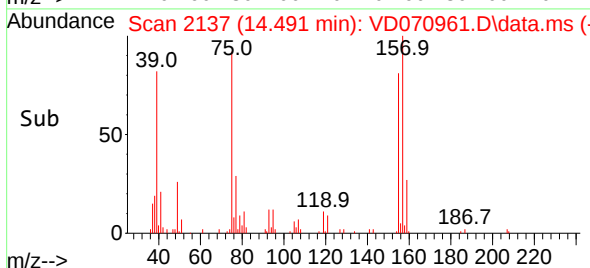
Tgt Ion:146 Resp: 359319  
Ion Ratio Lower Upper  
146 100  
111 43.0 20.8 62.2  
148 64.3 31.7 95.1

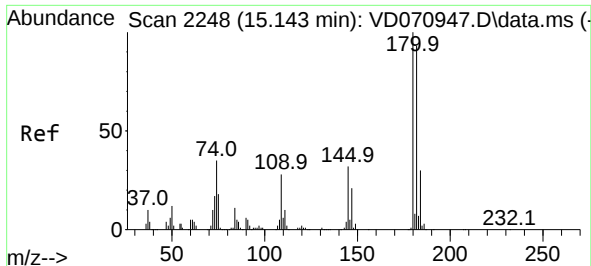


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 56.780 ug/l  
RT: 14.491 min Scan# 2137  
Delta R.T. -0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34



Tgt Ion: 75 Resp: 27498  
Ion Ratio Lower Upper  
75 100  
155 81.4 40.0 120.0  
157 106.0 49.8 149.3

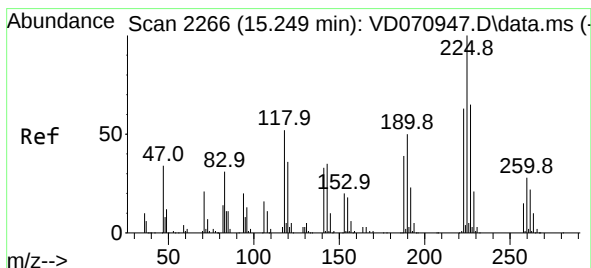
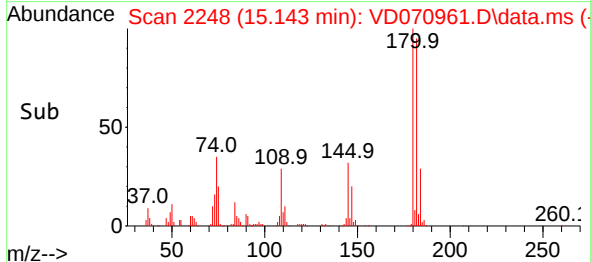
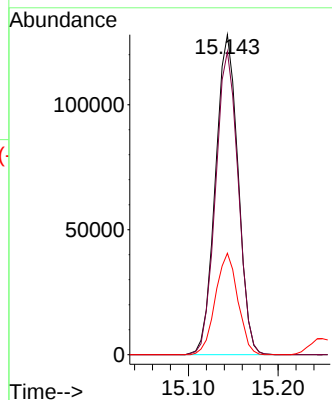
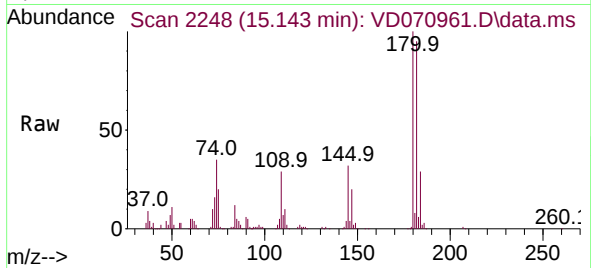




#93  
1,2,4-Trichlorobenzene  
Concen: 56.308 ug/l  
RT: 15.143 min Scan# 2248  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

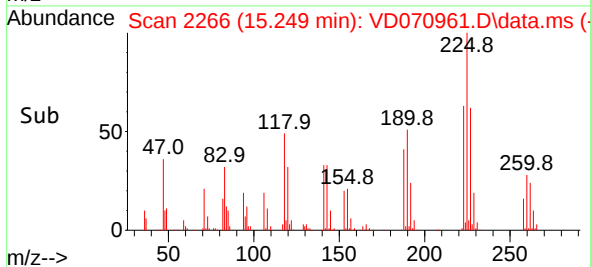
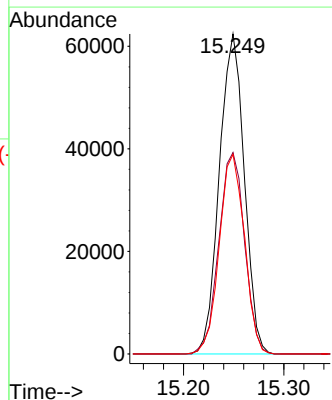
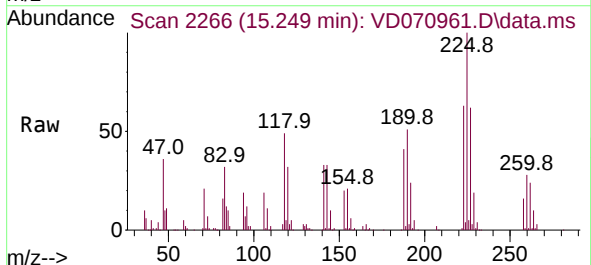
Instrument :  
MSVOA\_D  
ClientSampleId :

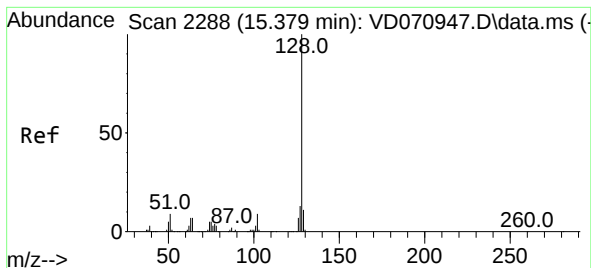
Tgt Ion:180 Resp: 223723  
Ion Ratio Lower Upper  
180 100  
182 94.7 48.2 144.6  
145 31.5 15.4 46.2



#94  
Hexachlorobutadiene  
Concen: 53.769 ug/l  
RT: 15.249 min Scan# 2266  
Delta R.T. 0.000 min  
Lab File: VD070961.D  
Acq: 09 Nov 2021 20:34

Tgt Ion:225 Resp: 107744  
Ion Ratio Lower Upper  
225 100  
223 64.8 31.8 95.3  
227 62.8 31.6 94.8





#95

Naphthalene

Concen: 60.845 ug/l

RT: 15.379 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

Instrument :

MSVOA\_D

ClientSampleId :

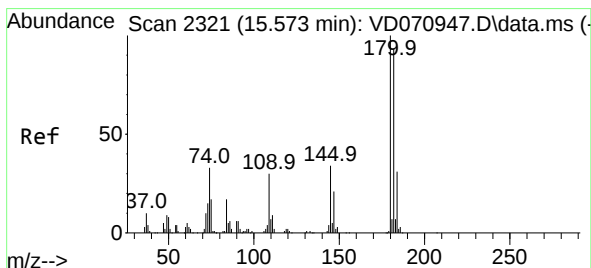
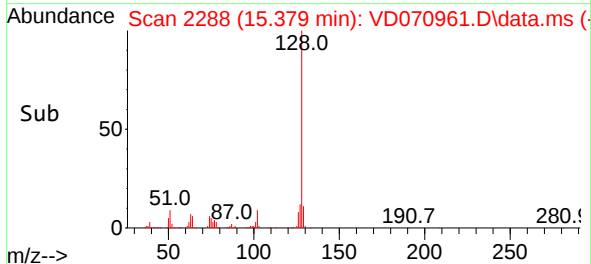
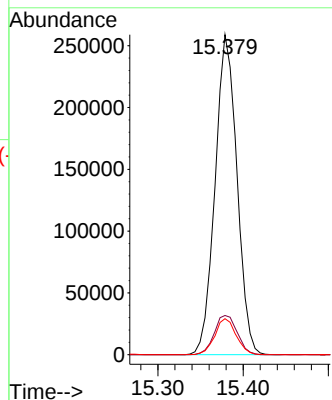
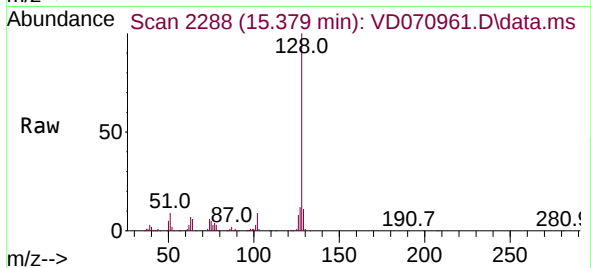
Tgt Ion:128 Resp: 461606

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 58.936 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD070961.D

Acq: 09 Nov 2021 20:34

Tgt Ion:180 Resp: 196888

Ion Ratio Lower Upper

180 100

182 95.5 46.7 140.1

145 34.1 15.9 47.6

