

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD060123\  
 Data File : VD076306.D  
 Acq On : 01 Jun 2023 19:40  
 Operator : KP/SY  
 Sample : VSTDICC100  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC100

Quant Time: Jun 02 05:37:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060123S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 02 05:32:50 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.869  | 168  | 229895   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.775  | 114  | 361472   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.581 | 117  | 335972   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.516 | 152  | 174042   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |             |      |
|-----------------------------|--------|-------|----------|----------|-------------|------|
| System Monitoring Compounds |        |       |          |          |             |      |
| 33) 1,2-Dichloroethane-d4   | 8.228  | 65    | 200671   | 89.567   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 179.140%# |      |
| 35) Dibromofluoromethane    | 7.799  | 113   | 234225   | 98.161   | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 196.320%# |      |
| 50) Toluene-d8              | 10.269 | 98    | 942973   | 102.497  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 205.000%# |      |
| 62) 4-Bromofluorobenzene    | 12.575 | 95    | 263911   | 102.847  | ug/l        | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 205.700%# |      |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.928 | 85  | 199694  | 95.369  | ug/l | 97  |
| 3) Chloromethane             | 2.146 | 50  | 421817  | 99.660  | ug/l | 99  |
| 4) Vinyl Chloride            | 2.269 | 62  | 501238  | 90.723  | ug/l | 99  |
| 5) Bromomethane              | 2.664 | 94  | 226731  | 105.092 | ug/l | 98  |
| 6) Chloroethane              | 2.816 | 64  | 310294  | 100.090 | ug/l | 99  |
| 7) Trichlorofluoromethane    | 3.158 | 101 | 350963  | 92.600  | ug/l | 96  |
| 8) Diethyl Ether             | 3.581 | 74  | 131816  | 98.025  | ug/l | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 3.952 | 101 | 231260  | 93.774  | ug/l | 98  |
| 10) Methyl Iodide            | 4.146 | 142 | 279724  | 97.025  | ug/l | 100 |
| 11) Tert butyl alcohol       | 5.063 | 59  | 66012   | 462.812 | ug/l | 98  |
| 12) 1,1-Dichloroethene       | 3.922 | 96  | 248554  | 97.060  | ug/l | 98  |
| 13) Acrolein                 | 3.793 | 56  | 66371   | 477.224 | ug/l | 99  |
| 14) Allyl chloride           | 4.552 | 41  | 244953  | 96.541  | ug/l | 98  |
| 15) Acrylonitrile            | 5.252 | 53  | 267346  | 480.696 | ug/l | 99  |
| 16) Acetone                  | 4.022 | 43  | 161677  | 488.949 | ug/l | 99  |
| 17) Carbon Disulfide         | 4.252 | 76  | 785836  | 92.165  | ug/l | 98  |
| 18) Methyl Acetate           | 4.558 | 43  | 169477  | 89.810  | ug/l | 99  |
| 19) Methyl tert-butyl Ether  | 5.310 | 73  | 517938  | 100.224 | ug/l | 98  |
| 20) Methylene Chloride       | 4.793 | 84  | 287632  | 99.531  | ug/l | 97  |
| 21) trans-1,2-Dichloroethene | 5.299 | 96  | 284327  | 95.551  | ug/l | 99  |
| 22) Diisopropyl ether        | 6.210 | 45  | 586287  | 97.358  | ug/l | 100 |
| 23) Vinyl Acetate            | 6.152 | 43  | 1444039 | 509.038 | ug/l | 100 |
| 24) 1,1-Dichloroethane       | 6.105 | 63  | 426393  | 90.367  | ug/l | 100 |
| 25) 2-Butanone               | 7.081 | 43  | 272308  | 465.790 | ug/l | 98  |
| 26) 2,2-Dichloropropane      | 7.069 | 77  | 330515  | 88.649  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 7.075 | 96  | 319070  | 97.858  | ug/l | 97  |
| 28) Bromochloromethane       | 7.422 | 49  | 159665  | 87.946  | ug/l | 99  |
| 29) Tetrahydrofuran          | 7.446 | 42  | 181229  | 504.488 | ug/l | 99  |
| 30) Chloroform               | 7.593 | 83  | 444452  | 89.533  | ug/l | 96  |
| 31) Cyclohexane              | 7.869 | 56  | 334380  | 96.959  | ug/l | 93  |
| 32) 1,1,1-Trichloroethane    | 7.787 | 97  | 356973  | 92.026  | ug/l | 99  |
| 36) 1,1-Dichloropropene      | 8.004 | 75  | 339630  | 102.925 | ug/l | 99  |
| 37) Ethyl Acetate            | 7.169 | 43  | 128797  | 102.937 | ug/l | 99  |
| 38) Carbon Tetrachloride     | 7.987 | 117 | 298038  | 104.881 | ug/l | 98  |
| 39) Methylcyclohexane        | 9.269 | 83  | 427342  | 114.939 | ug/l | 96  |
| 40) Benzene                  | 8.246 | 78  | 1053293 | 100.570 | ug/l | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD060123\  
 Data File : VD076306.D  
 Acq On : 01 Jun 2023 19:40  
 Operator : KP/SY  
 Sample : VSTDICC100  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC100

Quant Time: Jun 02 05:37:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060123S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 02 05:32:50 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.404  | 41   | 69124    | 109.507  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.322  | 62   | 245017   | 96.264   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.357  | 43   | 232655   | 103.269  | ug/l   | 97       |
| 44) Trichloroethene           | 9.022  | 130  | 294728   | 101.837  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.304  | 63   | 250925   | 99.254   | ug/l   | 97       |
| 46) Dibromomethane            | 9.393  | 93   | 146042   | 98.437   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.581  | 83   | 340887   | 98.076   | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.381  | 41   | 110328   | 114.061  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.387  | 88   | 39696    | 2209.936 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 631149   | 529.521  | ug/l   | 100      |
| 52) Toluene                   | 10.334 | 92   | 671686   | 104.796  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.551 | 75   | 334980   | 103.066  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 397709   | 103.585  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 205342   | 97.229   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.598 | 69   | 247107   | 99.524   | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.875 | 76   | 335694   | 100.783  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 626680   | 502.857  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.922 | 43   | 434130   | 547.227  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.075 | 129  | 240104   | 99.202   | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.181 | 107  | 193587   | 99.205   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.810 | 164  | 254210   | 106.203  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.604 | 112  | 731949   | 101.341  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 255012   | 102.044  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.681 | 91   | 1257679  | 108.987  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.792 | 106  | 1035175  | 216.849  | ug/l   | 98       |
| 69) o-Xylene                  | 12.122 | 106  | 481326   | 109.899  | ug/l   | 98       |
| 70) Styrene                   | 12.134 | 104  | 822739   | 108.846  | ug/l   | 98       |
| 71) Bromoform                 | 12.298 | 173  | 145728   | 102.940  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.422 | 105  | 1175361  | 110.874  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.234 | 43   | 224948   | 108.588  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.675 | 83   | 231636   | 95.793   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.722 | 75   | 278614   | 177.473  | ug/l # | 100      |
| 77) Bromobenzene              | 12.698 | 156  | 306852   | 104.701  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.763 | 91   | 1442609  | 109.011  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.851 | 91   | 780247   | 105.702  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 973273   | 110.297  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 72628    | 106.404  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.945 | 91   | 821385   | 103.787  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.169 | 119  | 833599   | 111.197  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 985209   | 109.390  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.345 | 105  | 1266461  | 111.164  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.463 | 119  | 1073039  | 112.623  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 610569   | 102.916  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.539 | 146  | 594430   | 98.665   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.786 | 91   | 987570   | 112.857  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.051 | 117  | 193699   | 100.532  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.834 | 146  | 525232   | 100.628  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 31424    | 100.500  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 337967   | 113.146  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.204 | 225  | 151931   | 108.519  | ug/l   | 99       |
| 95) Naphthalene               | 15.333 | 128  | 686947   | 99.526   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 305500   | 111.404  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD060123\  
Data File : VD076306.D  
Acq On : 01 Jun 2023 19:40  
Operator : KP/SY  
Sample : VSTDICC100  
Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 7 Sample Multiplier: 1

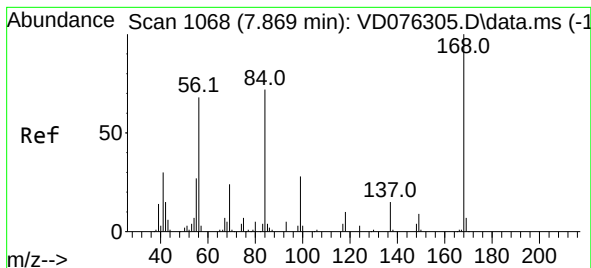
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

Quant Time: Jun 02 05:37:28 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060123S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 02 05:32:50 2023  
Response via : Initial Calibration

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

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

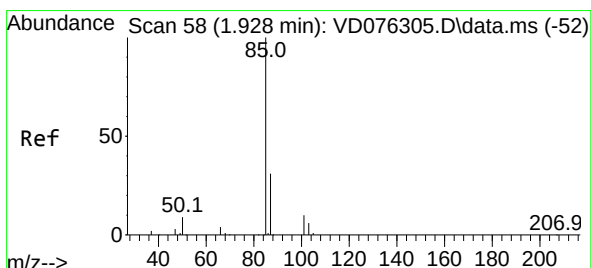
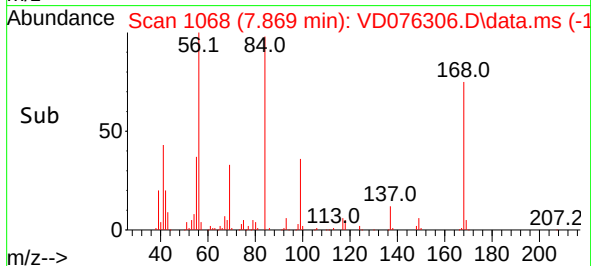
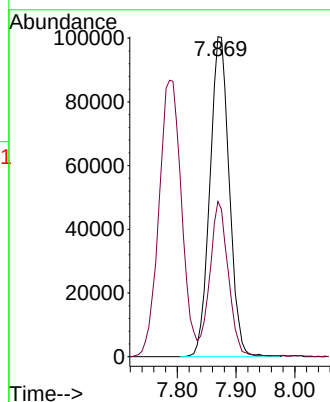
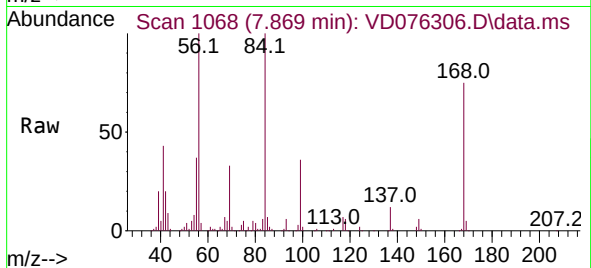




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.869 min Scan# 1068  
Delta R.T. 0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

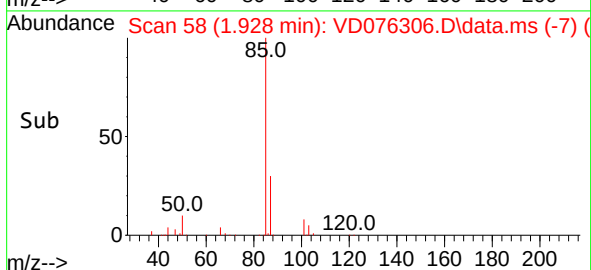
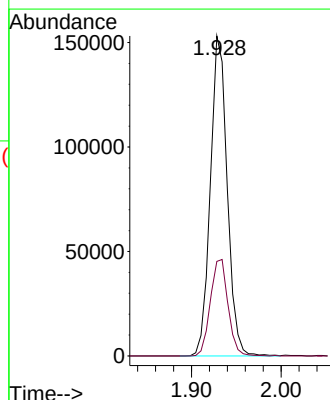
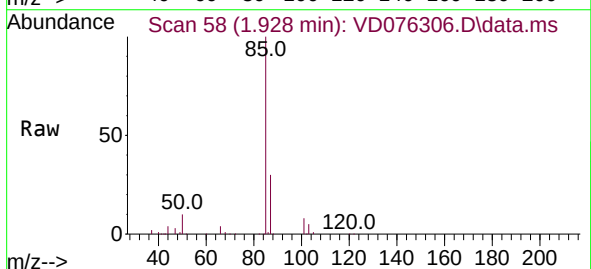
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

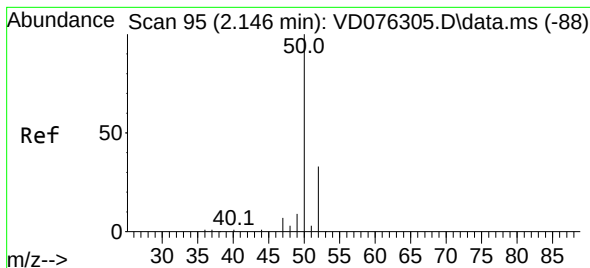
Tgt Ion:168 Resp: 229895  
Ion Ratio Lower Upper  
168 100  
99 48.1 36.7 55.1



#2  
Dichlorodifluoromethane  
Concen: 95.369 ug/l  
RT: 1.928 min Scan# 58  
Delta R.T. 0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 85 Resp: 199694  
Ion Ratio Lower Upper  
85 100  
87 29.5 15.7 47.0





#3

Chloromethane

Concen: 99.660 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Instrument :

MSVOA\_D

ClientSampleId :

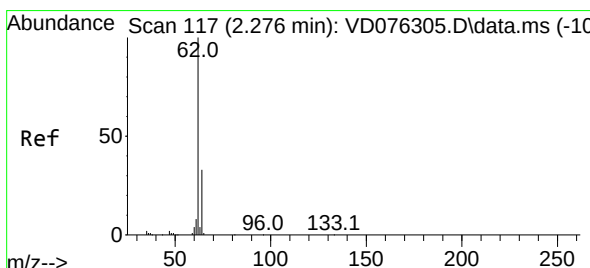
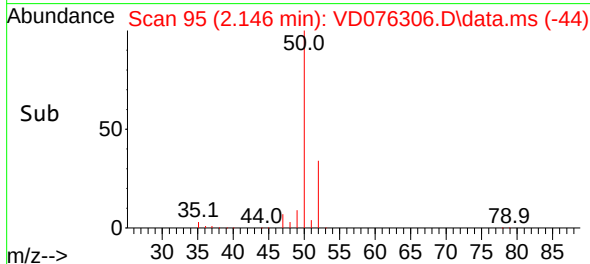
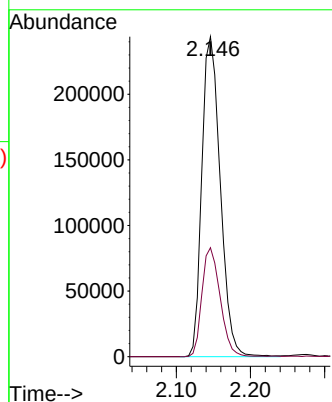
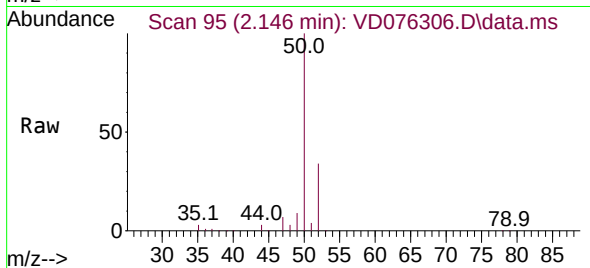
VSTDICC100

Tgt Ion: 50 Resp: 421817

Ion Ratio Lower Upper

50 100

52 34.1 26.6 40.0



#4

Vinyl Chloride

Concen: 90.723 ug/l

RT: 2.269 min Scan# 116

Delta R.T. -0.006 min

Lab File: VD076306.D

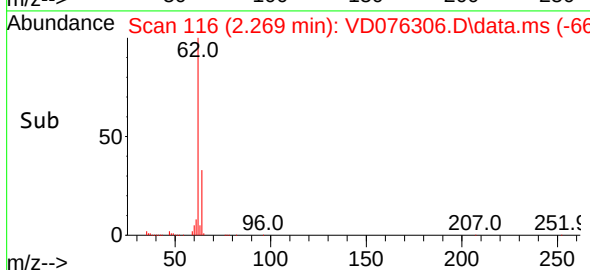
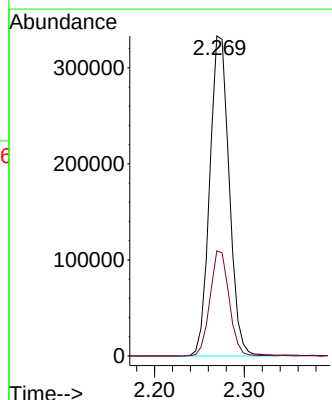
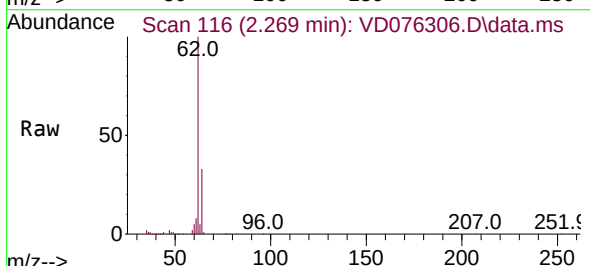
Acq: 01 Jun 2023 19:40

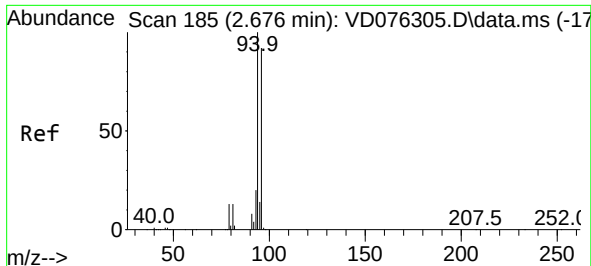
Tgt Ion: 62 Resp: 501238

Ion Ratio Lower Upper

62 100

64 32.9 26.0 39.0

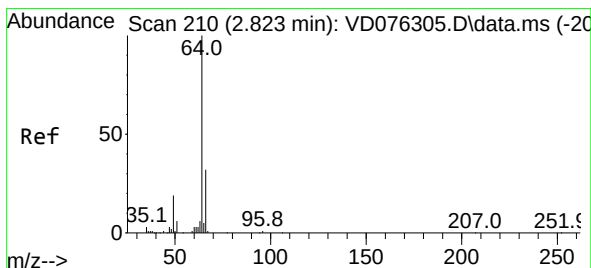
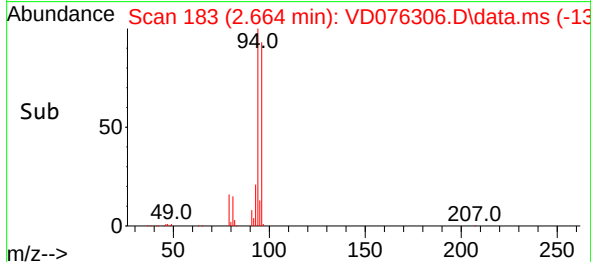
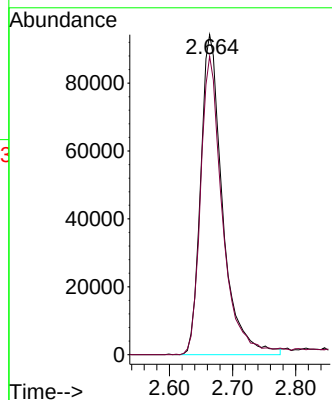
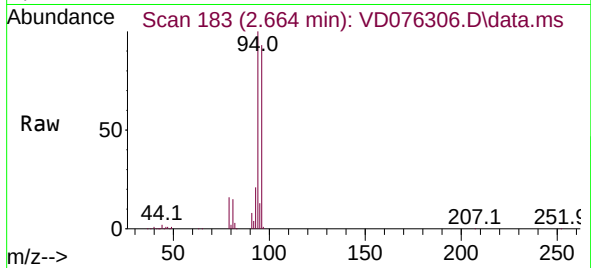




#5  
Bromomethane  
Concen: 105.092 ug/l  
RT: 2.664 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

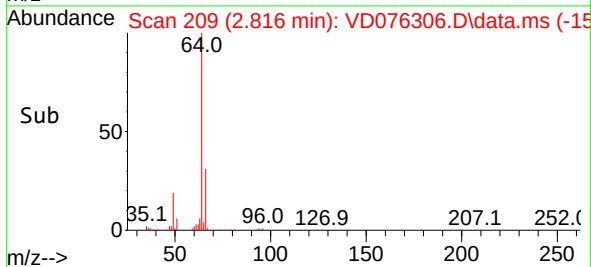
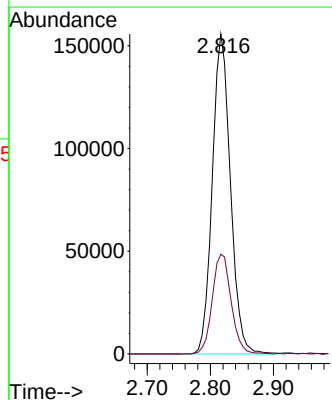
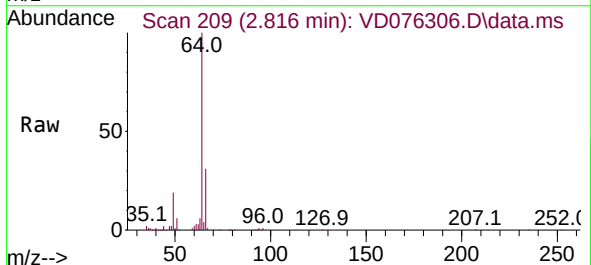
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

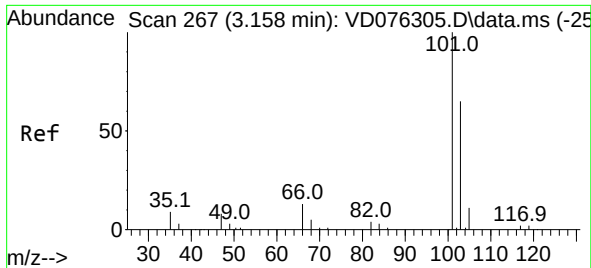
Tgt Ion: 94 Resp: 226731  
Ion Ratio Lower Upper  
94 100  
96 92.9 75.8 113.8



#6  
Chloroethane  
Concen: 100.090 ug/l  
RT: 2.816 min Scan# 209  
Delta R.T. -0.007 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 64 Resp: 310294  
Ion Ratio Lower Upper  
64 100  
66 31.1 25.5 38.3

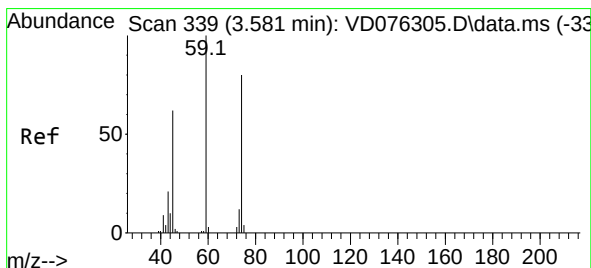
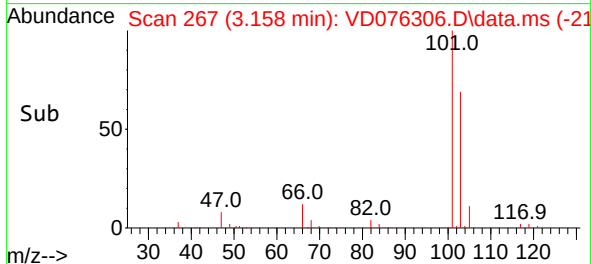
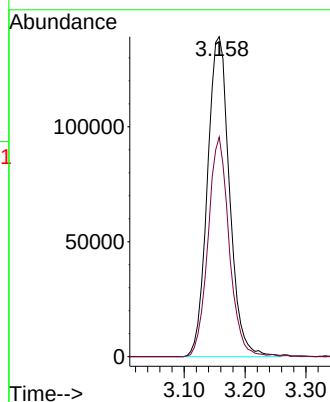
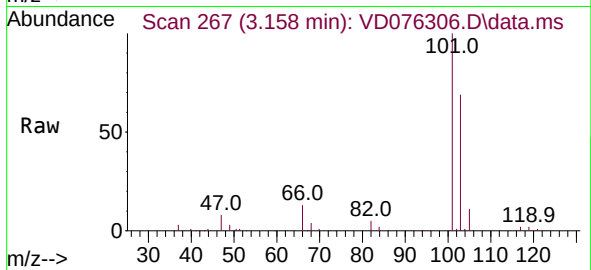




#7  
 Trichlorofluoromethane  
 Concen: 92.600 ug/l  
 RT: 3.158 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VD076306.D  
 Acq: 01 Jun 2023 19:40

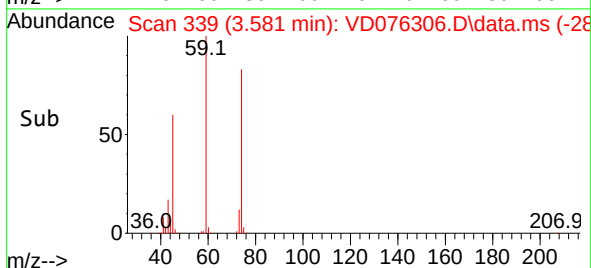
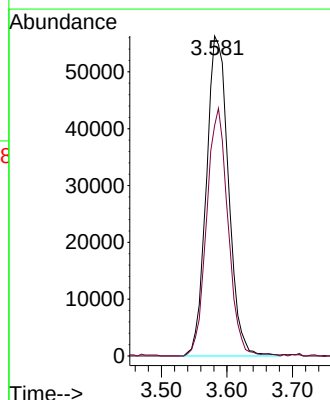
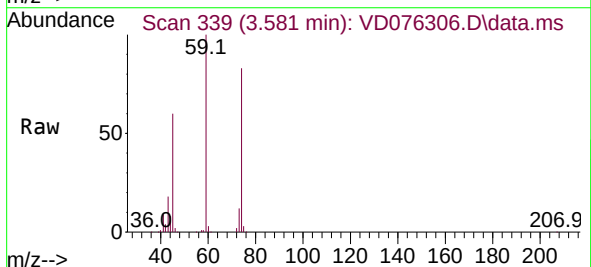
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC100

Tgt Ion:101 Resp: 350963  
 Ion Ratio Lower Upper  
 101 100  
 103 68.7 52.3 78.5

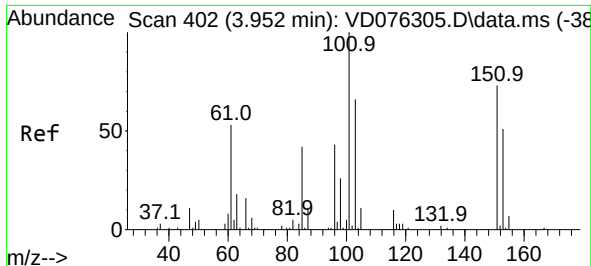


#8  
 Diethyl Ether  
 Concen: 98.025 ug/l  
 RT: 3.581 min Scan# 339  
 Delta R.T. -0.000 min  
 Lab File: VD076306.D  
 Acq: 01 Jun 2023 19:40

Tgt Ion: 74 Resp: 131816  
 Ion Ratio Lower Upper  
 74 100  
 45 74.5 37.5 112.7



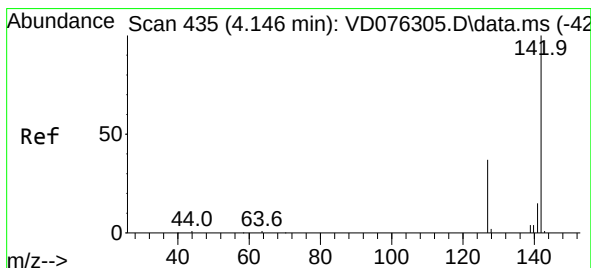
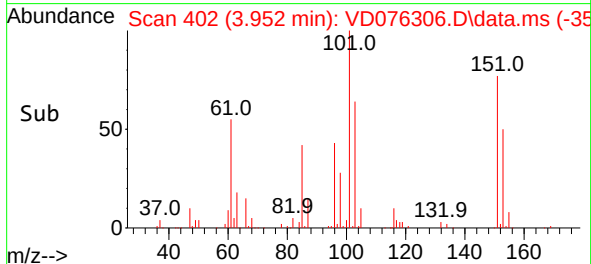
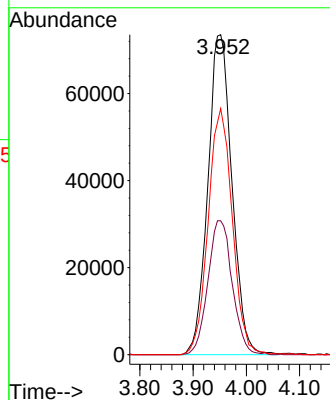
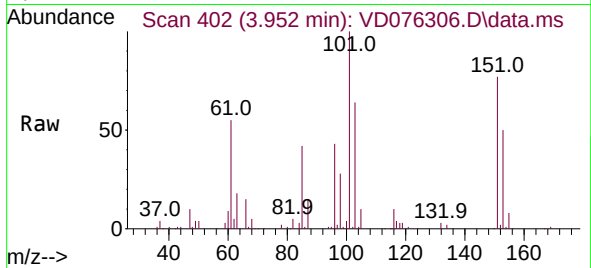




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 93.774 ug/l  
RT: 3.952 min Scan# 402  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

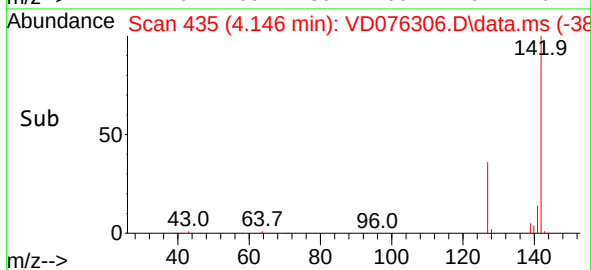
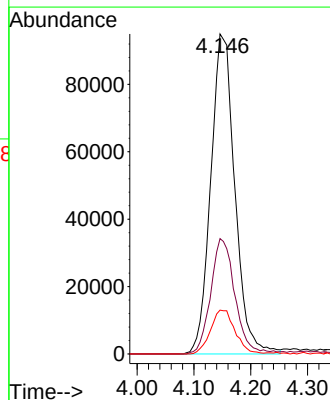
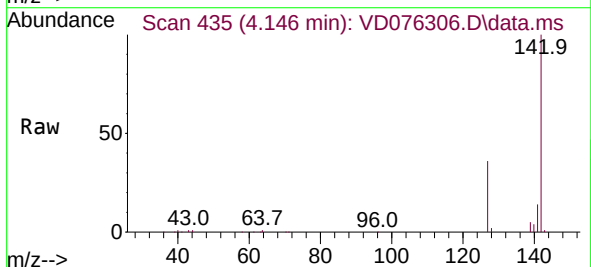
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

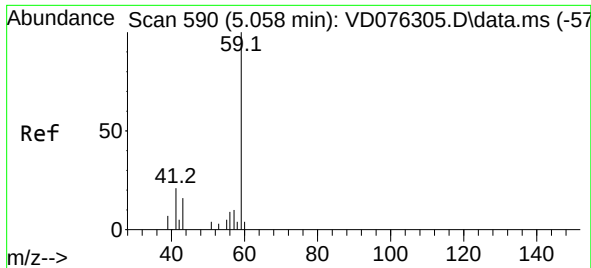
Tgt Ion:101 Resp: 231260  
Ion Ratio Lower Upper  
101 100  
85 42.3 33.8 50.6  
151 76.8 59.8 89.6



#10  
Methyl Iodide  
Concen: 97.025 ug/l  
RT: 4.146 min Scan# 435  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion:142 Resp: 279724  
Ion Ratio Lower Upper  
142 100  
127 36.4 29.4 44.0  
141 14.0 11.1 16.7

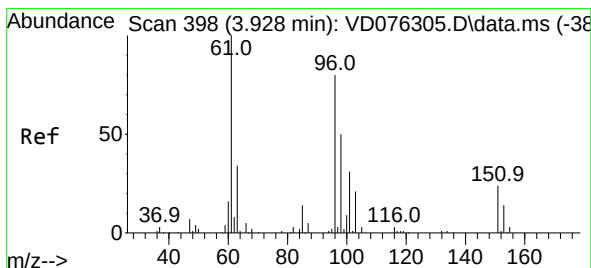
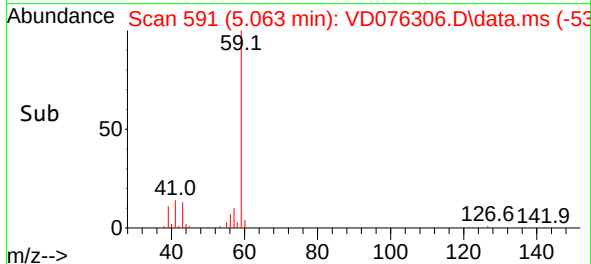
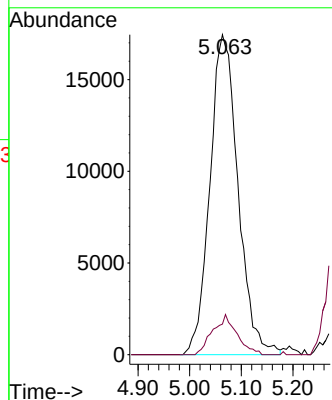
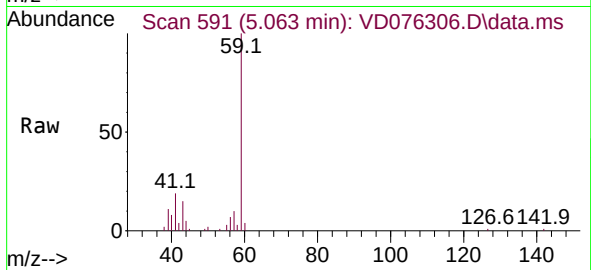




#11  
Tert butyl alcohol  
Concen: 462.812 ug/l  
RT: 5.063 min Scan# 591  
Delta R.T. 0.006 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

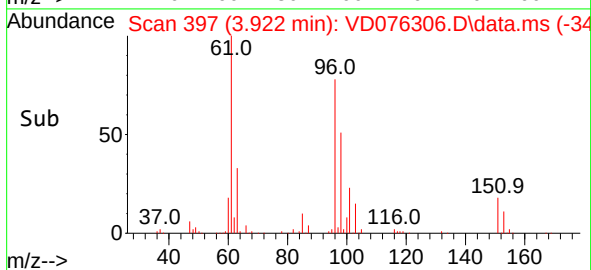
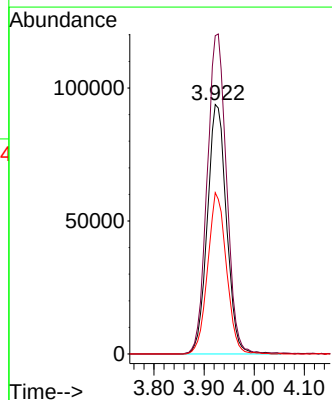
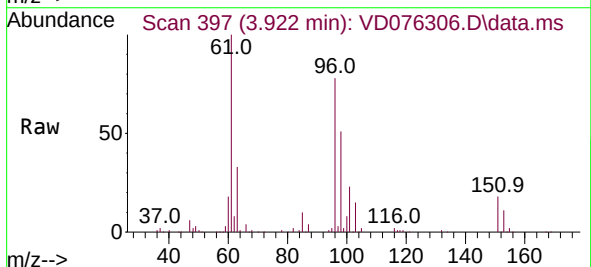
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

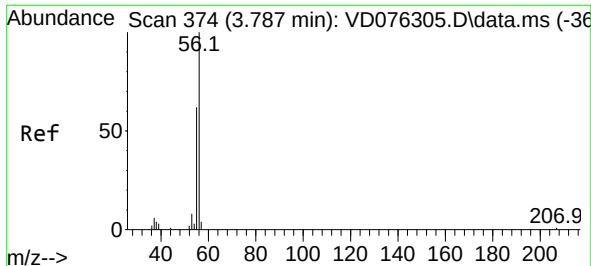
Tgt Ion: 59 Resp: 66012  
Ion Ratio Lower Upper  
59 100  
57 10.7 7.8 11.8



#12  
1,1-Dichloroethene  
Concen: 97.060 ug/l  
RT: 3.922 min Scan# 397  
Delta R.T. -0.006 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 96 Resp: 248554  
Ion Ratio Lower Upper  
96 100  
61 127.6 100.6 150.8  
98 64.6 50.2 75.2

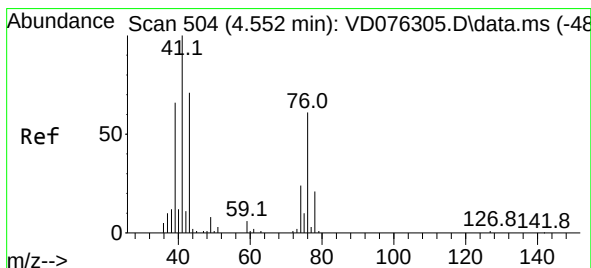
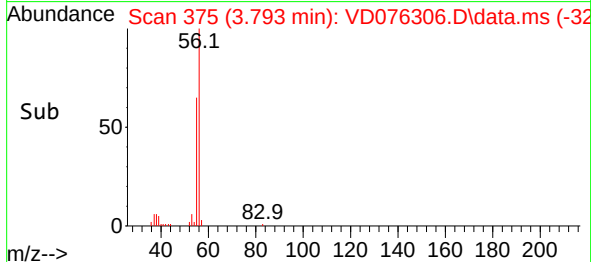
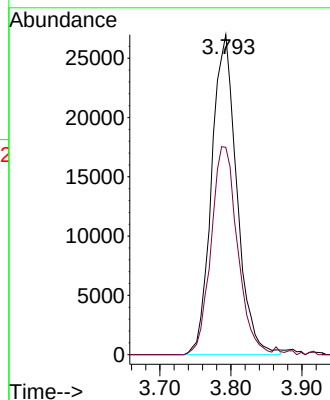
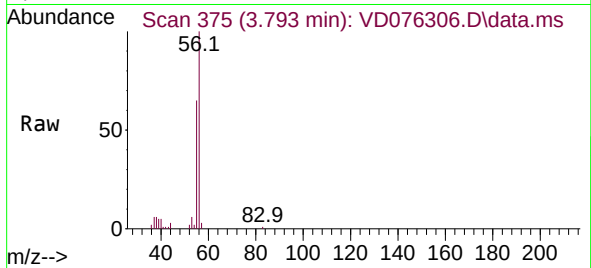




#13  
Acrolein  
Concen: 477.224 ug/l  
RT: 3.793 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

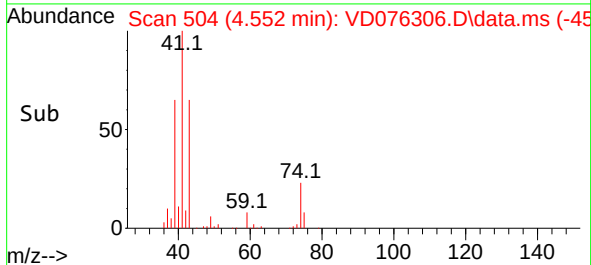
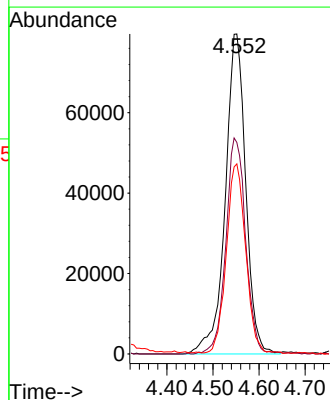
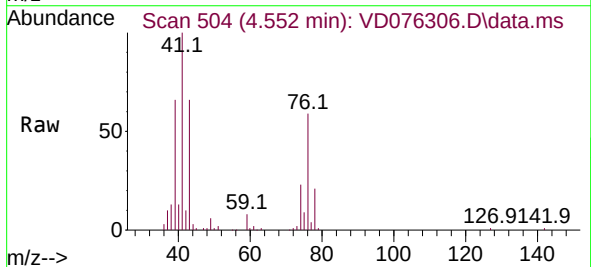
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

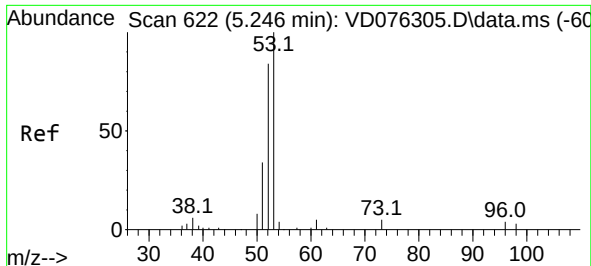
Tgt Ion: 56 Resp: 66371  
Ion Ratio Lower Upper  
56 100  
55 68.3 55.1 82.7



#14  
Allyl chloride  
Concen: 96.541 ug/l  
RT: 4.552 min Scan# 504  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 41 Resp: 244953  
Ion Ratio Lower Upper  
41 100  
39 65.4 53.8 80.6  
76 55.7 45.8 68.8

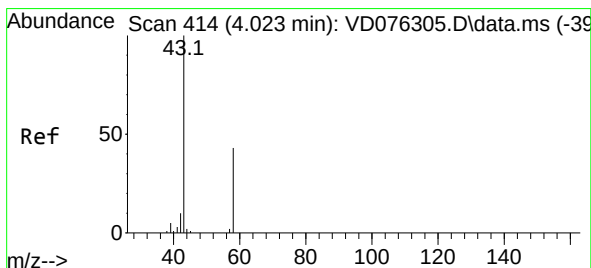
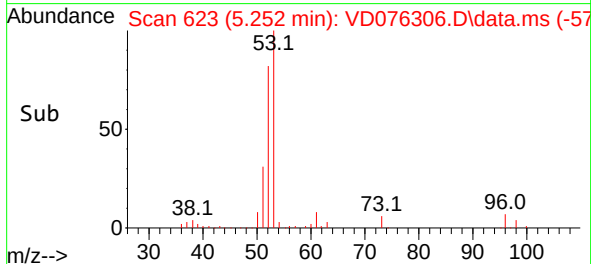
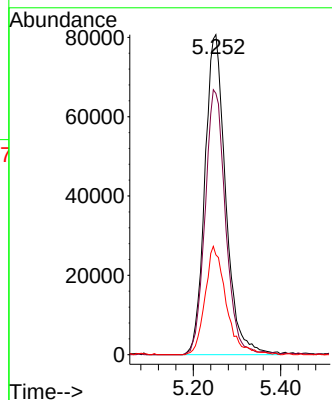
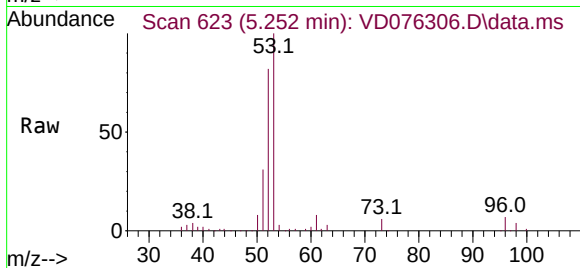




#15  
Acrylonitrile  
Concen: 480.696 ug/l  
RT: 5.252 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

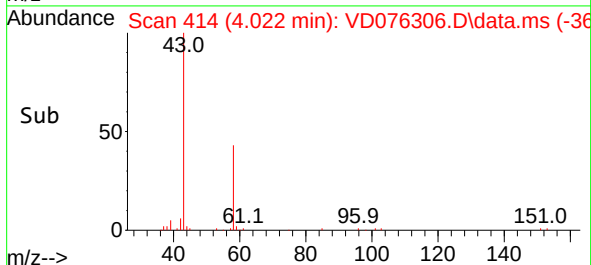
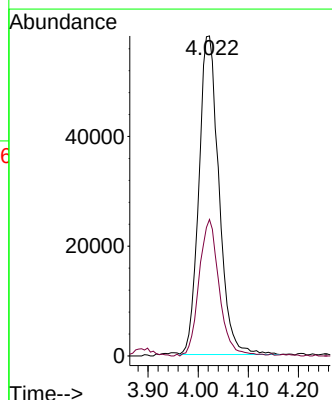
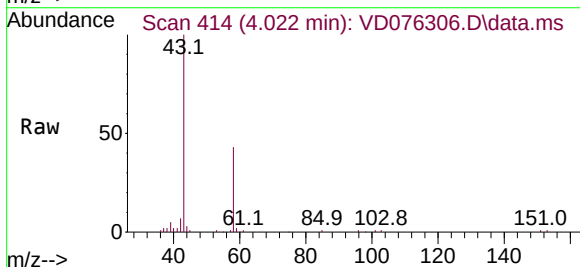
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

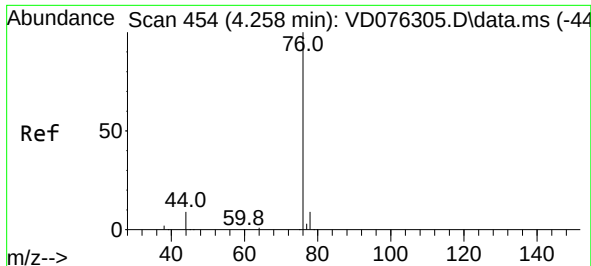
Tgt Ion: 53 Resp: 267346  
Ion Ratio Lower Upper  
53 100  
52 80.8 65.0 97.4  
51 34.4 28.3 42.5



#16  
Acetone  
Concen: 488.949 ug/l  
RT: 4.022 min Scan# 414  
Delta R.T. -0.001 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 43 Resp: 161677  
Ion Ratio Lower Upper  
43 100  
58 42.8 34.7 52.1

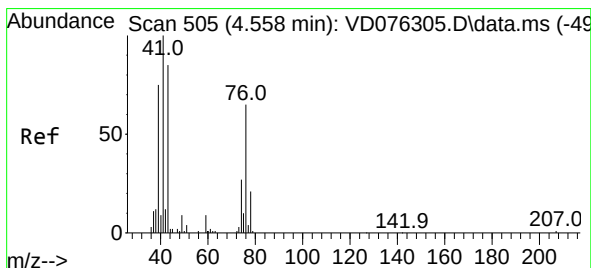
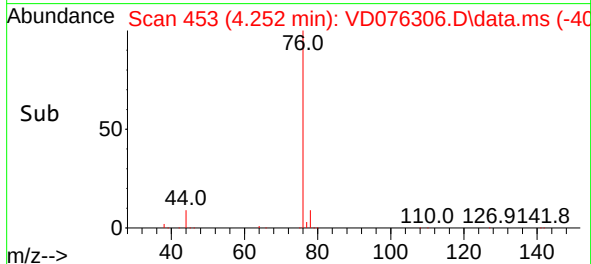
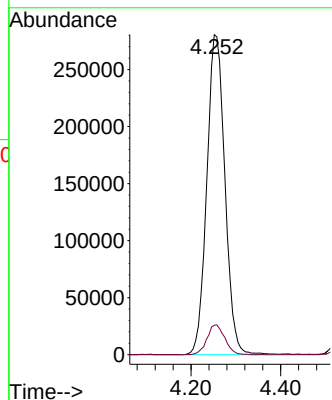
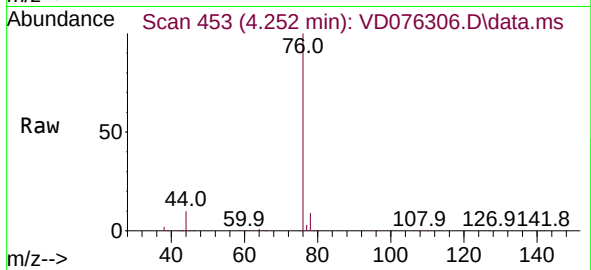




#17  
Carbon Disulfide  
Concen: 92.165 ug/l  
RT: 4.252 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

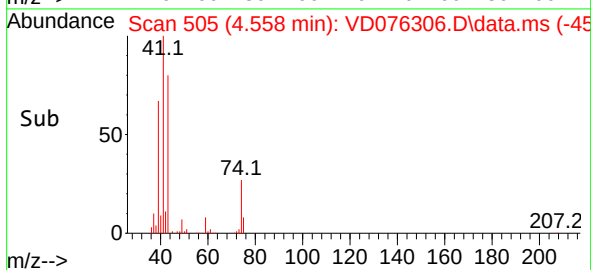
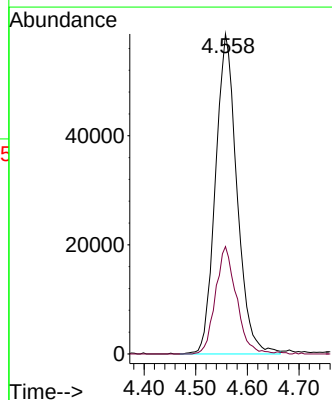
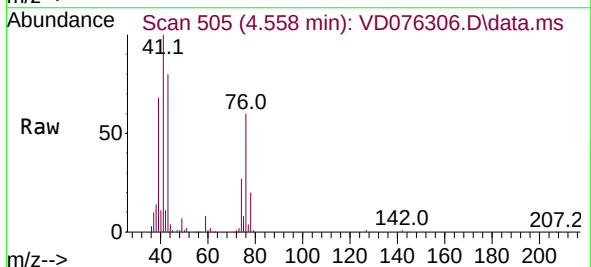
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

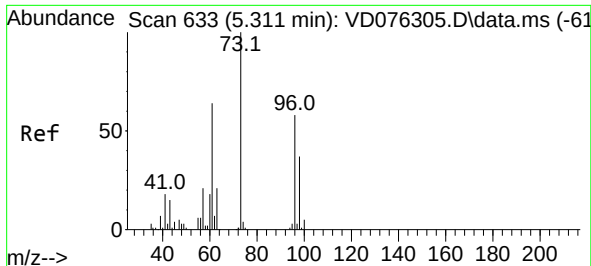
Tgt Ion: 76 Resp: 785836  
Ion Ratio Lower Upper  
76 100  
78 9.2 6.8 10.2



#18  
Methyl Acetate  
Concen: 89.810 ug/l  
RT: 4.558 min Scan# 505  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 43 Resp: 169477  
Ion Ratio Lower Upper  
43 100  
74 32.7 26.4 39.6

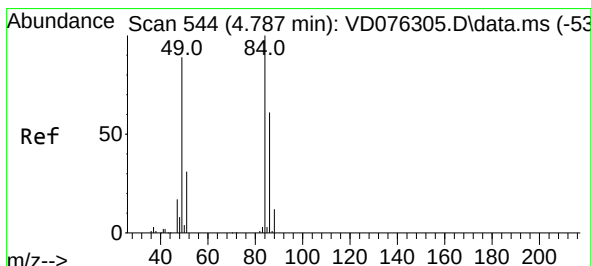
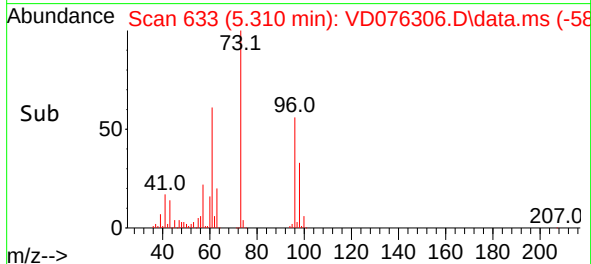
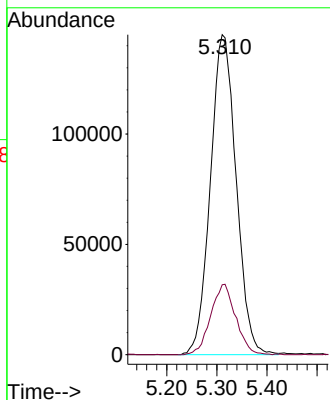
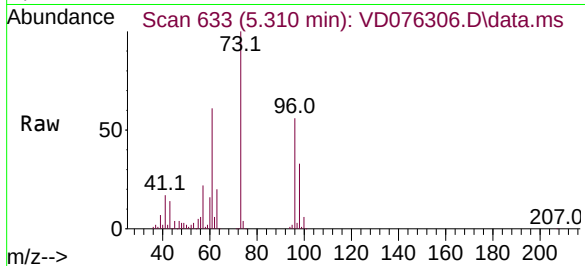




#19  
Methyl tert-butyl Ether  
Concen: 100.224 ug/l  
RT: 5.310 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

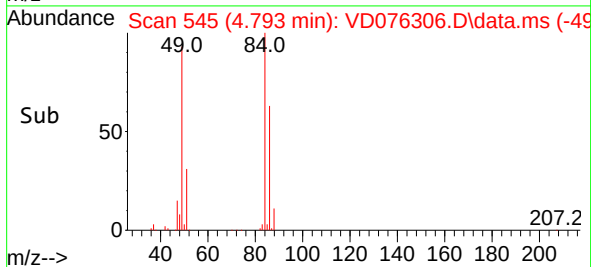
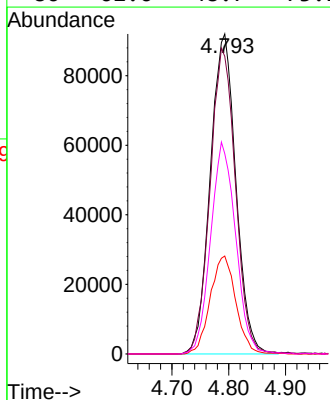
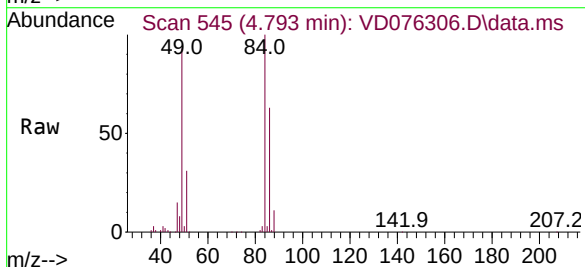
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

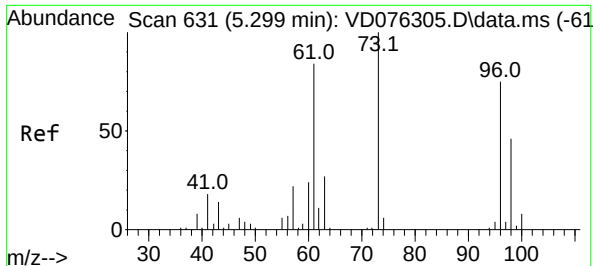
Tgt Ion: 73 Resp: 517938  
Ion Ratio Lower Upper  
73 100  
57 21.9 16.6 25.0



#20  
Methylene Chloride  
Concen: 99.531 ug/l  
RT: 4.793 min Scan# 545  
Delta R.T. 0.006 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 84 Resp: 287632  
Ion Ratio Lower Upper  
84 100  
49 93.0 71.4 107.2  
51 30.6 24.5 36.7  
86 62.6 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 95.551 ug/l

RT: 5.299 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC100

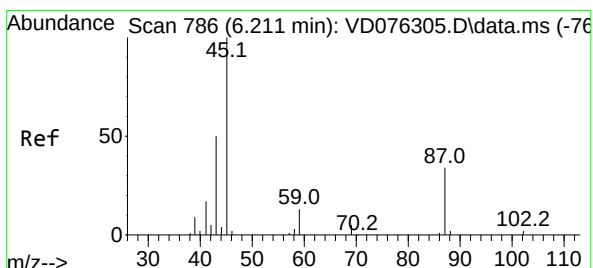
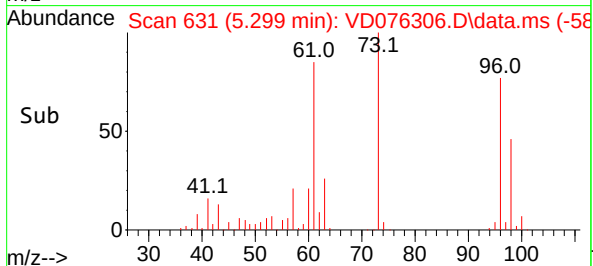
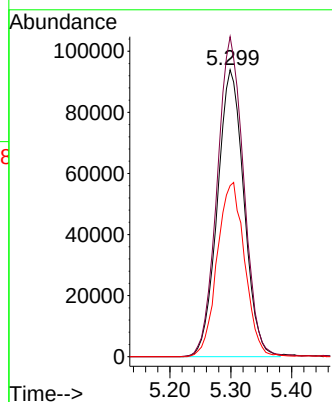
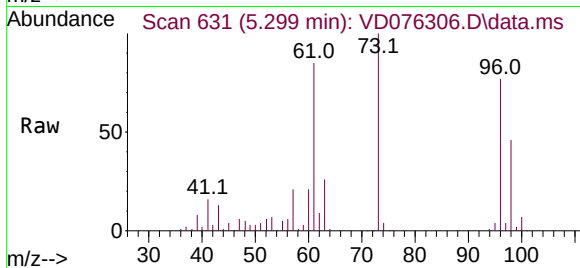
Tgt Ion: 96 Resp: 284327

Ion Ratio Lower Upper

96 100

61 111.5 89.3 133.9

98 59.6 48.6 73.0



#22

Diisopropyl ether

Concen: 97.358 ug/l

RT: 6.210 min Scan# 786

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Tgt Ion: 45 Resp: 586287

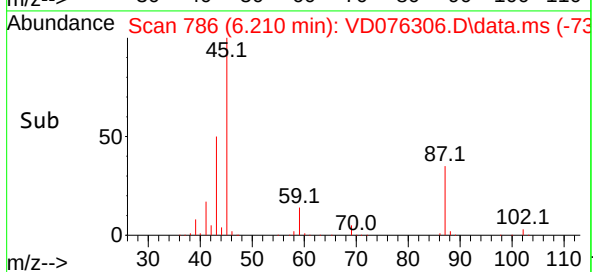
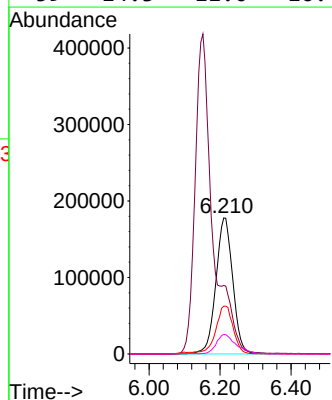
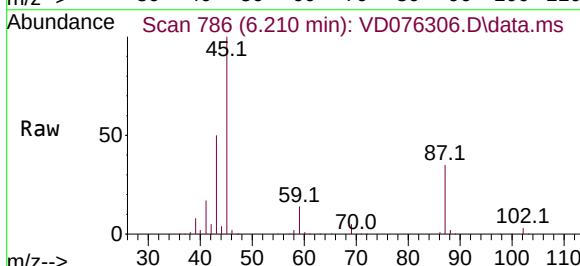
Ion Ratio Lower Upper

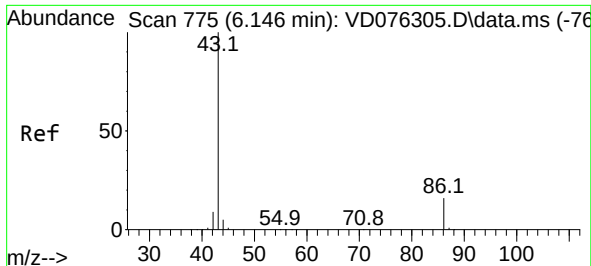
45 100

43 50.0 40.0 60.0

87 35.0 28.2 42.4

59 14.3 11.0 16.4

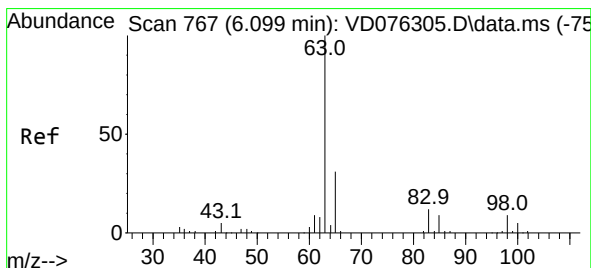
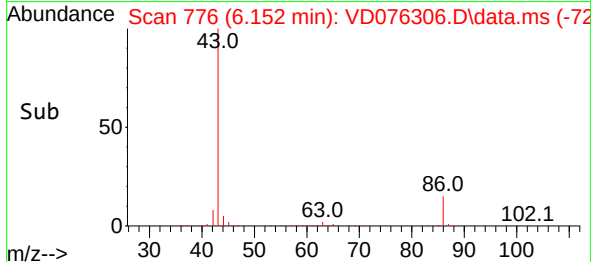
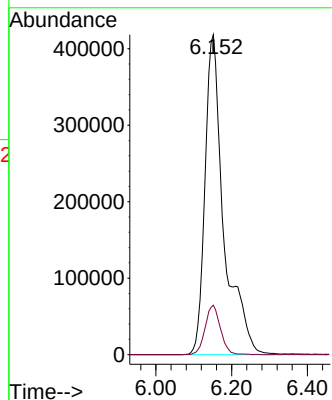
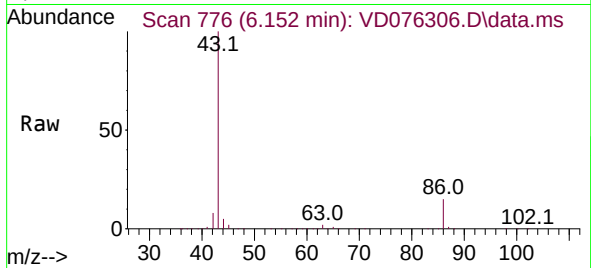




#23  
 Vinyl Acetate  
 Concen: 509.038 ug/l  
 RT: 6.152 min Scan# 776  
 Delta R.T. 0.006 min  
 Lab File: VD076306.D  
 Acq: 01 Jun 2023 19:40

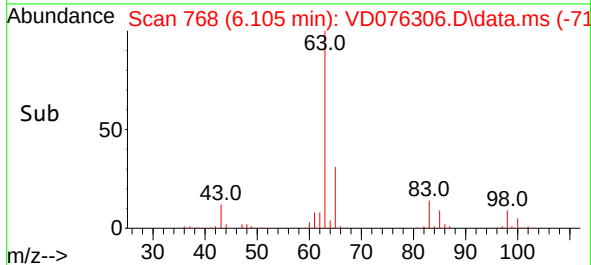
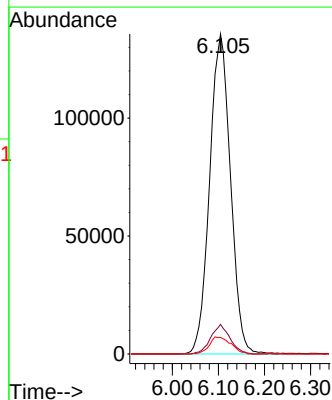
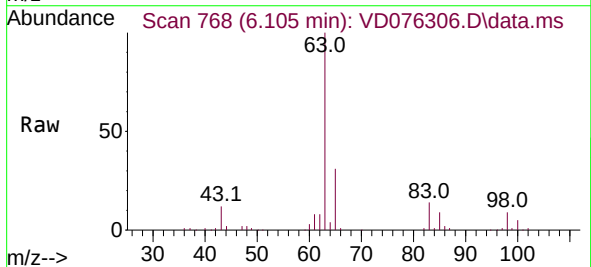
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC100

Tgt Ion: 43 Resp: 1444039  
 Ion Ratio Lower Upper  
 43 100  
 86 15.4 12.5 18.7

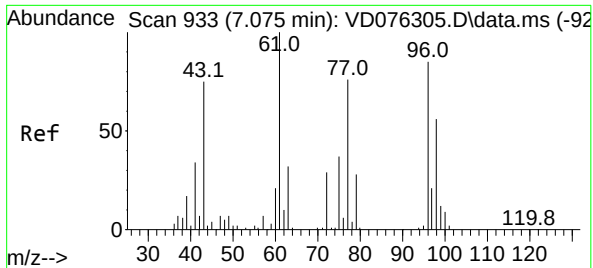


#24  
 1,1-Dichloroethane  
 Concen: 90.367 ug/l  
 RT: 6.105 min Scan# 768  
 Delta R.T. 0.006 min  
 Lab File: VD076306.D  
 Acq: 01 Jun 2023 19:40

Tgt Ion: 63 Resp: 426393  
 Ion Ratio Lower Upper  
 63 100  
 98 9.3 4.5 13.7  
 100 5.2 2.5 7.5



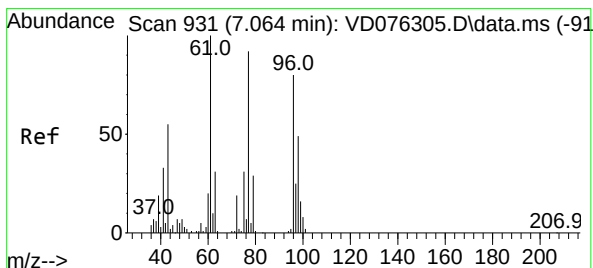
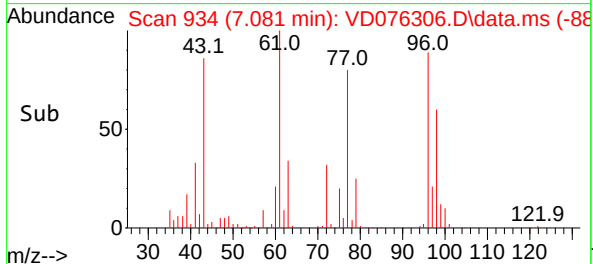
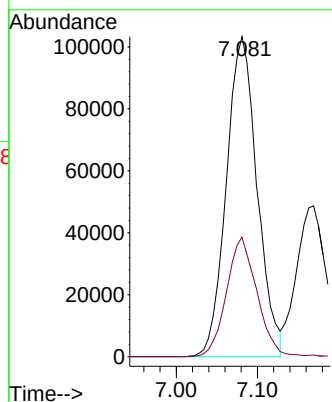
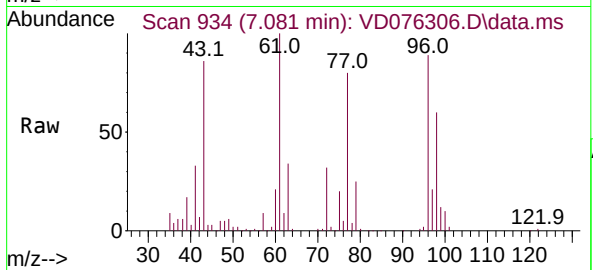




#25  
2-Butanone  
Concen: 465.790 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

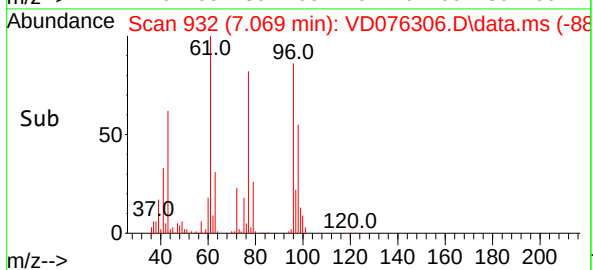
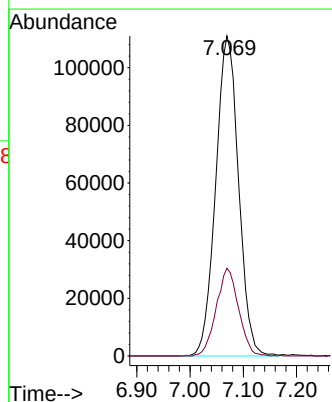
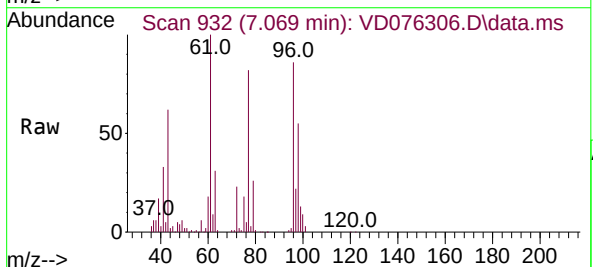
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

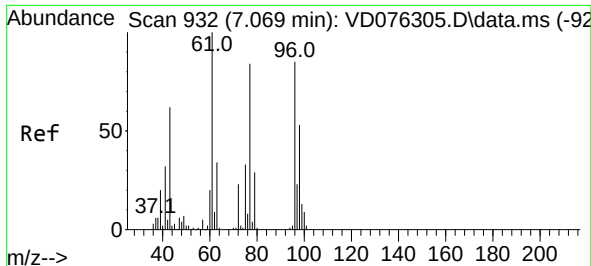
Tgt Ion: 43 Resp: 272308  
Ion Ratio Lower Upper  
43 100  
72 37.3 30.7 46.1



#26  
2,2-Dichloropropane  
Concen: 88.649 ug/l  
RT: 7.069 min Scan# 932  
Delta R.T. 0.006 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 77 Resp: 330515  
Ion Ratio Lower Upper  
77 100  
97 26.7 13.2 39.6

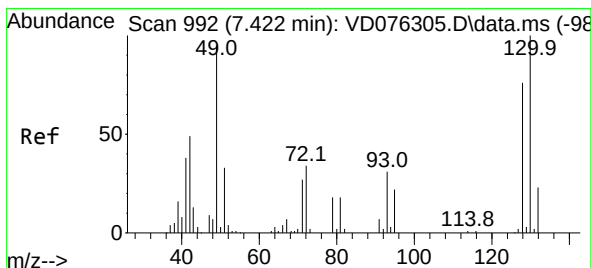
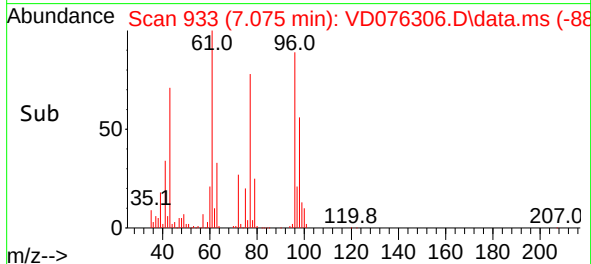
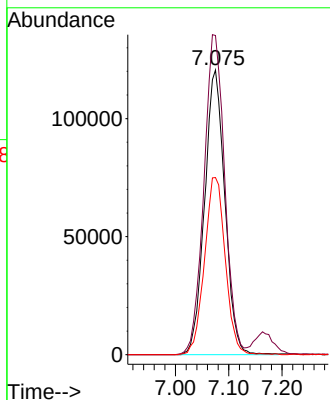
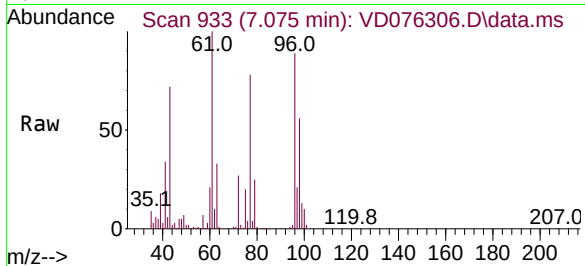




#27  
cis-1,2-Dichloroethene  
Concen: 97.858 ug/l  
RT: 7.075 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

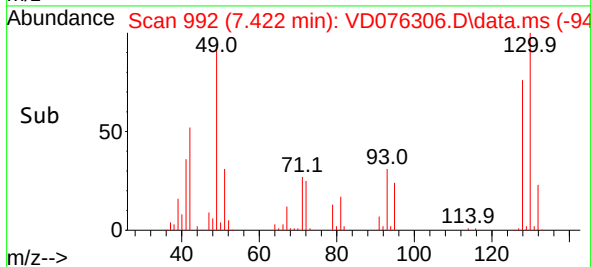
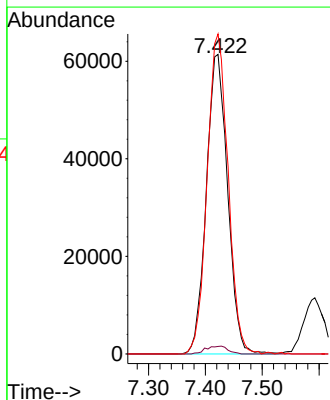
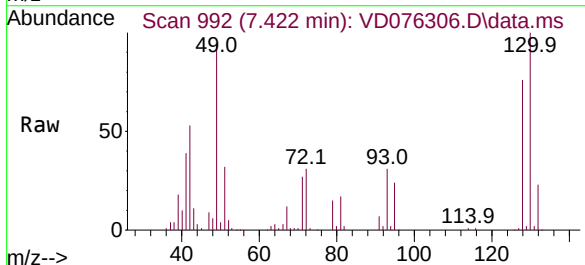
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

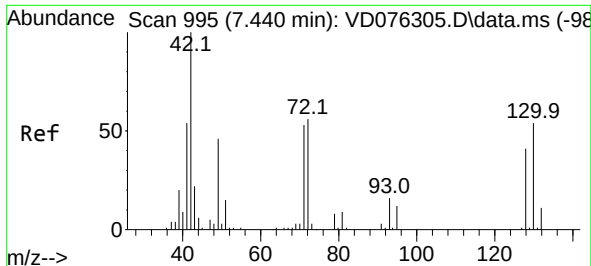
Tgt Ion: 96 Resp: 319070  
Ion Ratio Lower Upper  
96 100  
61 115.3 0.0 239.2  
98 63.8 0.0 128.6



#28  
Bromochloromethane  
Concen: 87.946 ug/l  
RT: 7.422 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 49 Resp: 159665  
Ion Ratio Lower Upper  
49 100  
129 2.7 0.0 6.0  
130 105.0 83.2 124.8

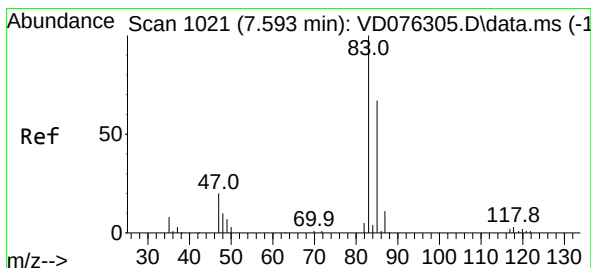
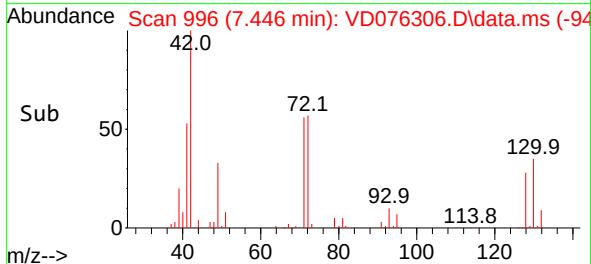
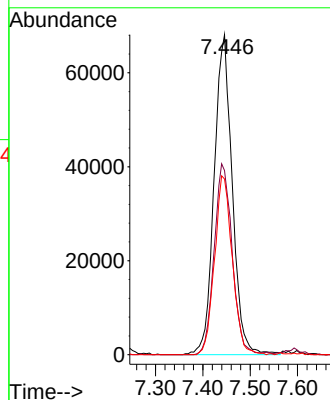
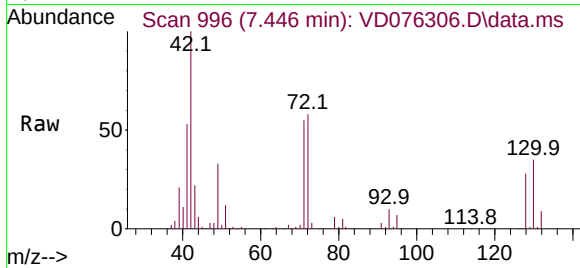




#29  
Tetrahydrofuran  
Concen: 504.488 ug/l  
RT: 7.446 min Scan# 995  
Delta R.T. 0.006 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

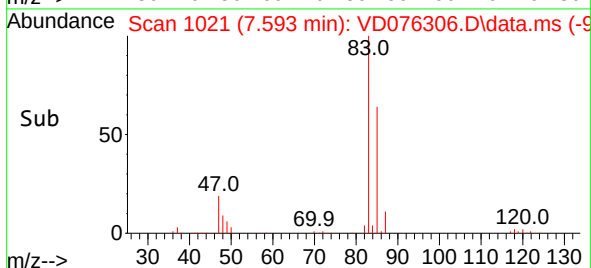
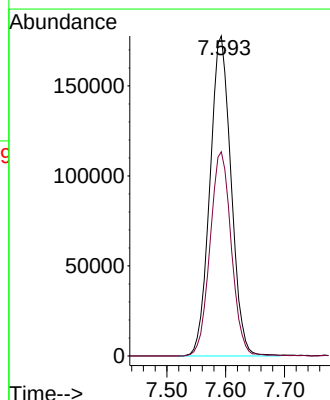
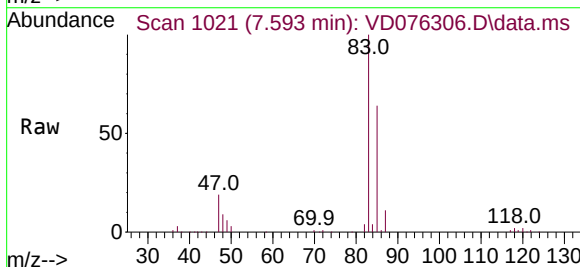
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

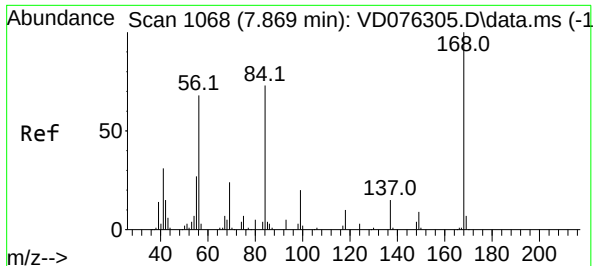
Tgt Ion: 42 Resp: 181229  
Ion Ratio Lower Upper  
42 100  
72 59.1 46.5 69.7  
71 54.8 44.5 66.7



#30  
Chloroform  
Concen: 89.533 ug/l  
RT: 7.593 min Scan# 1021  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 83 Resp: 444452  
Ion Ratio Lower Upper  
83 100  
85 63.8 53.4 80.2

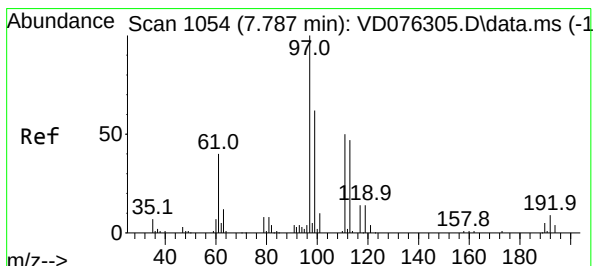
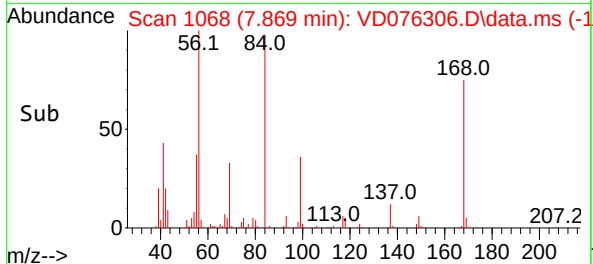
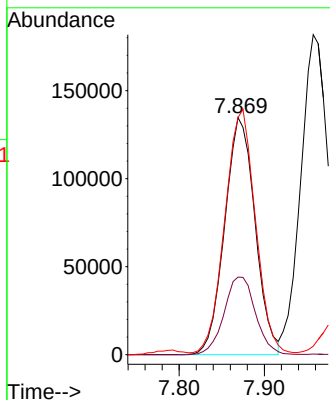
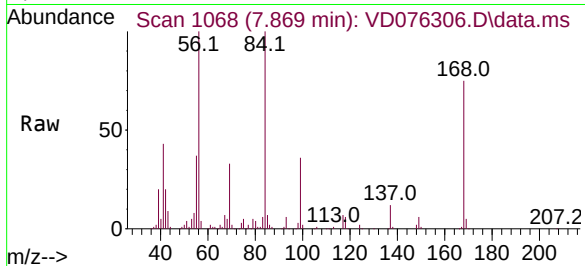




#31  
Cyclohexane  
Concen: 96.959 ug/l  
RT: 7.869 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

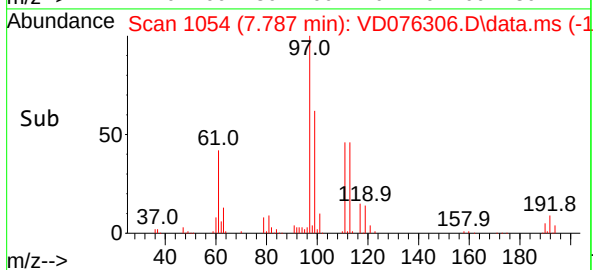
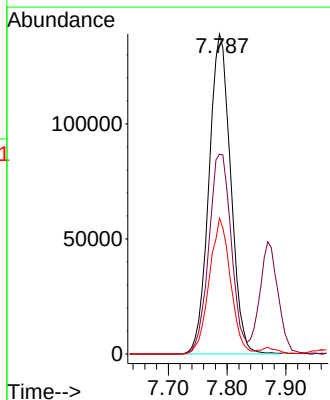
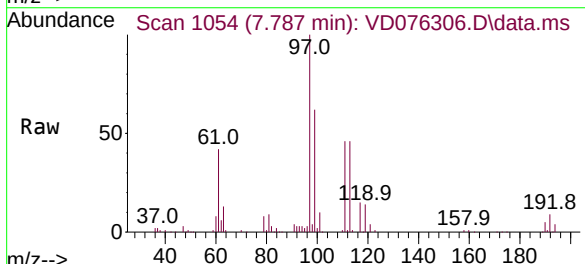
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

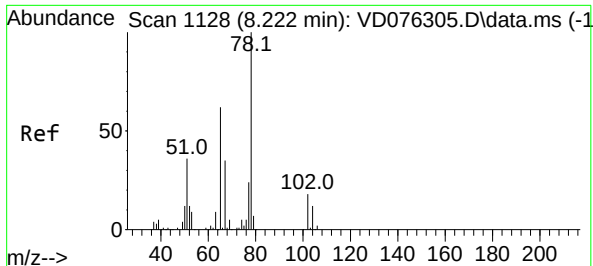
Tgt Ion: 56 Resp: 334380  
Ion Ratio Lower Upper  
56 100  
69 32.7 28.6 43.0  
84 98.8 84.8 127.2



#32  
1,1,1-Trichloroethane  
Concen: 92.026 ug/l  
RT: 7.787 min Scan# 1054  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 97 Resp: 356973  
Ion Ratio Lower Upper  
97 100  
99 64.8 52.0 78.0  
61 41.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 89.567 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Instrument :

MSVOA\_D

ClientSampleId :

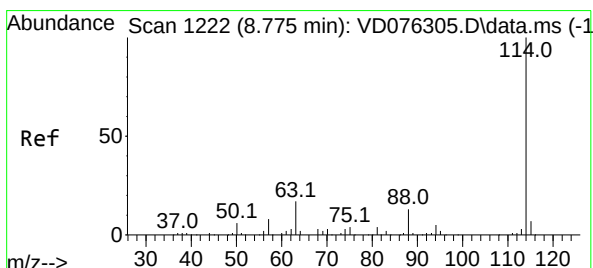
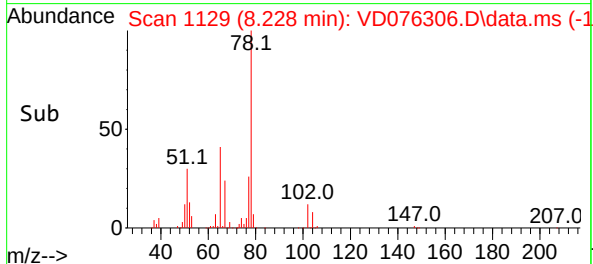
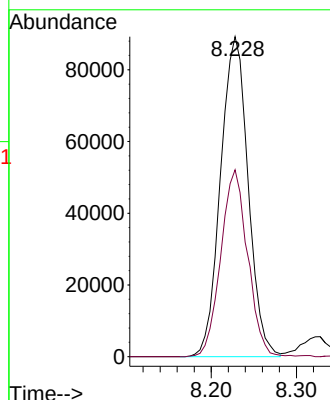
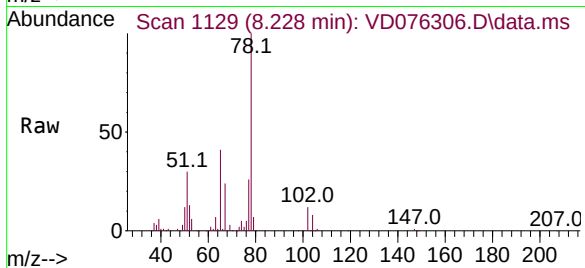
VSTDIC100

Tgt Ion: 65 Resp: 200671

Ion Ratio Lower Upper

65 100

67 56.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

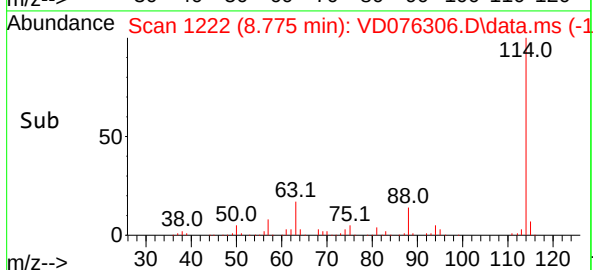
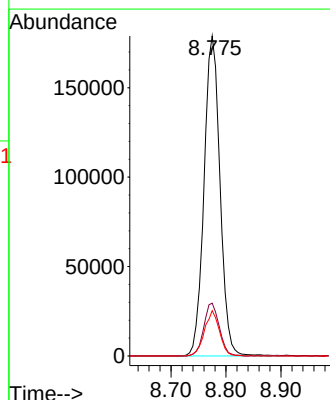
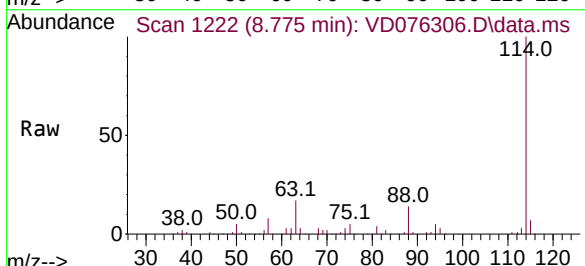
Tgt Ion: 114 Resp: 361472

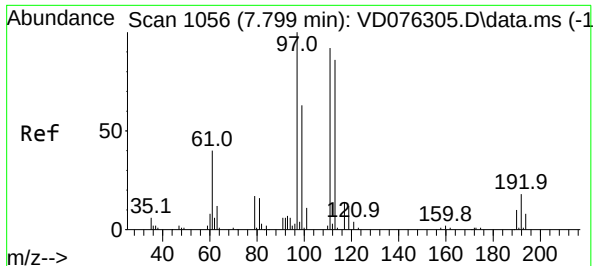
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 14.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 98.161 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC100

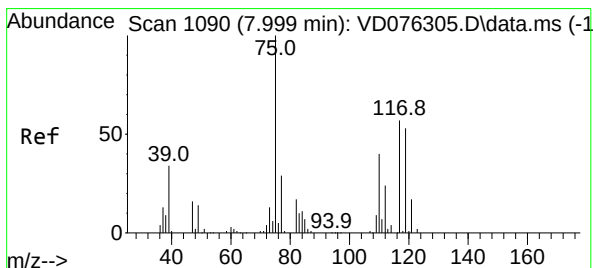
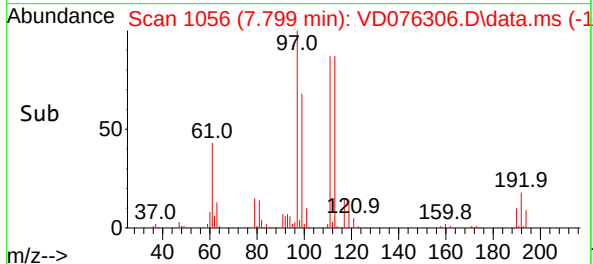
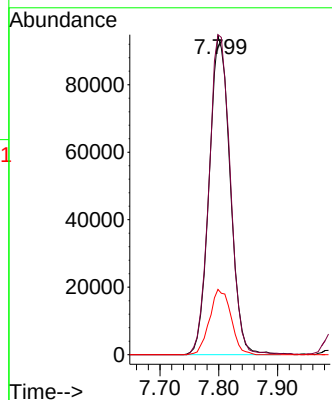
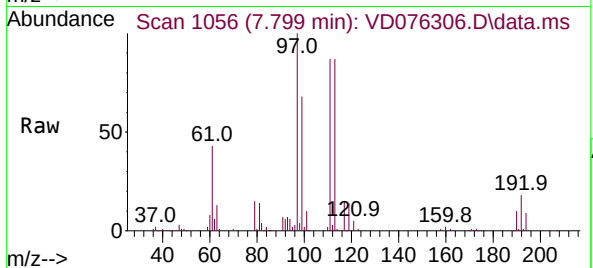
Tgt Ion:113 Resp: 234225

Ion Ratio Lower Upper

113 100

111 101.9 84.7 127.1

192 21.0 16.8 25.2



#36

1,1-Dichloropropene

Concen: 102.925 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

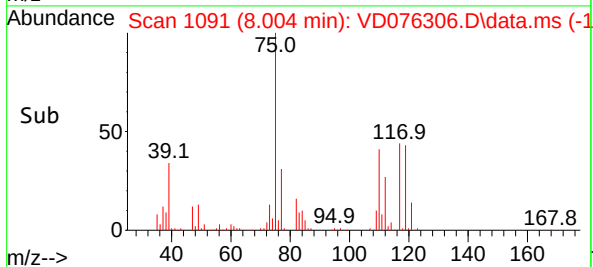
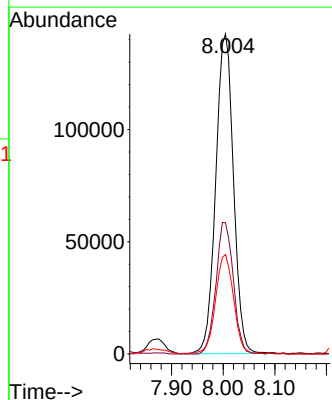
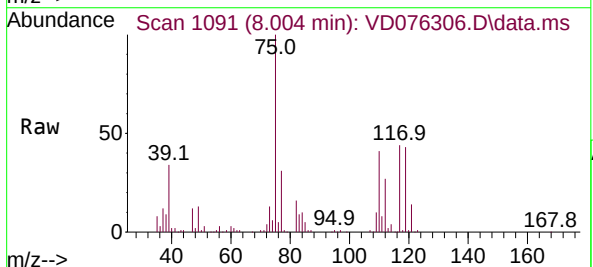
Tgt Ion: 75 Resp: 339630

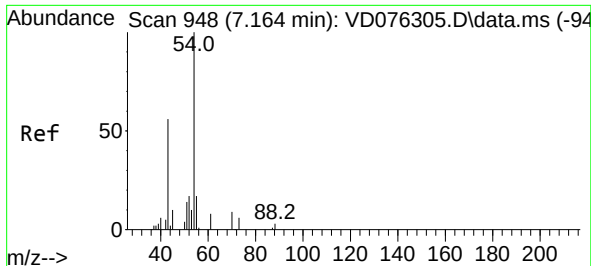
Ion Ratio Lower Upper

75 100

110 40.3 19.9 59.6

77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 102.937 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDICC100

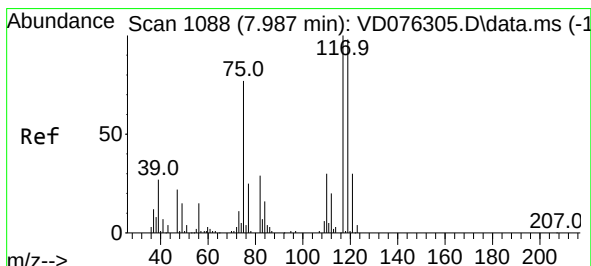
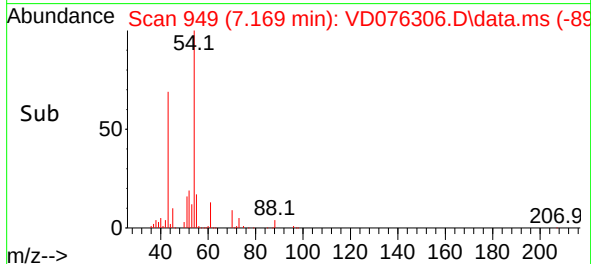
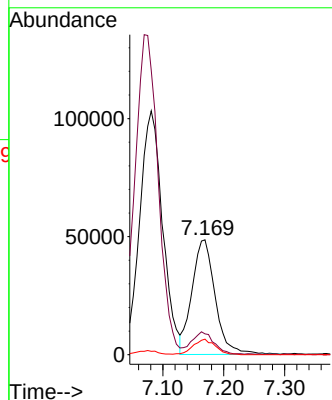
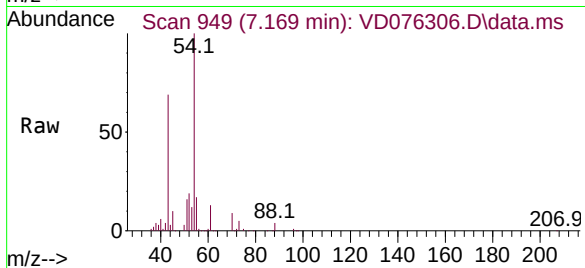
Tgt Ion: 43 Resp: 128797

Ion Ratio Lower Upper

43 100

61 18.2 14.9 22.3

70 12.8 10.0 15.0



#38

Carbon Tetrachloride

Concen: 104.881 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

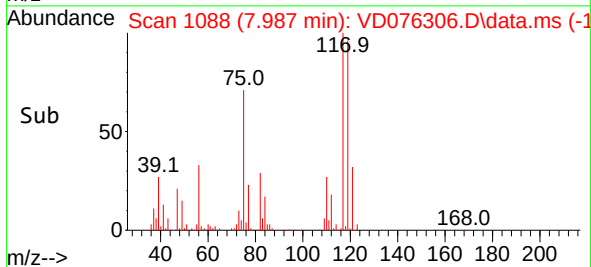
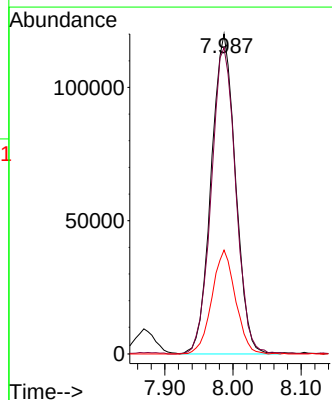
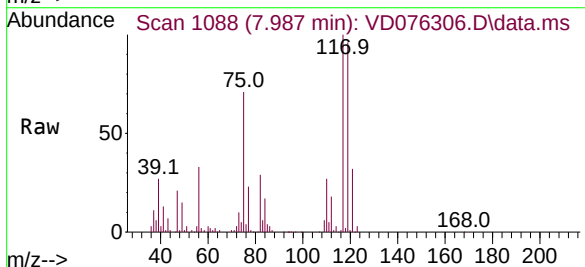
Tgt Ion: 117 Resp: 298038

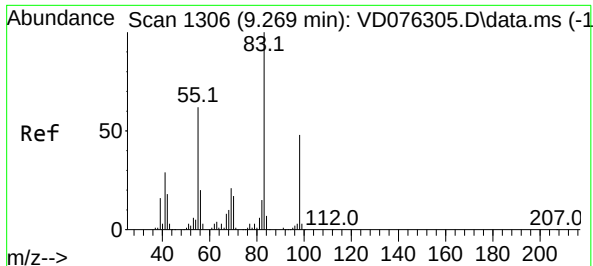
Ion Ratio Lower Upper

117 100

119 95.6 78.0 117.0

121 32.4 24.2 36.2





#39

Methylcyclohexane

Concen: 114.939 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC100

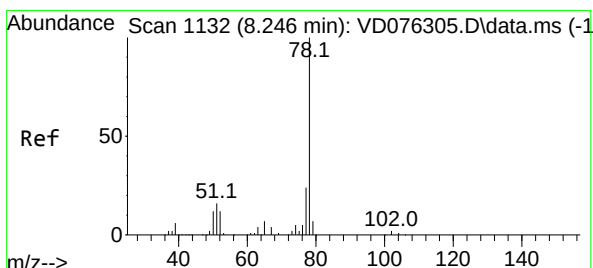
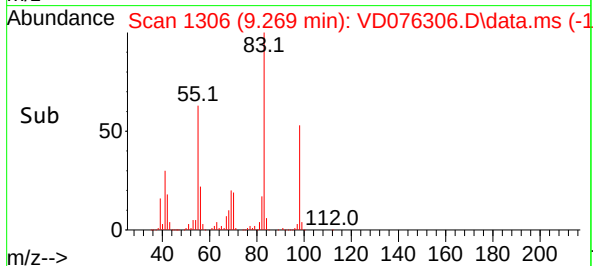
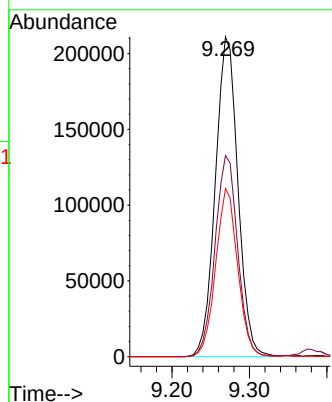
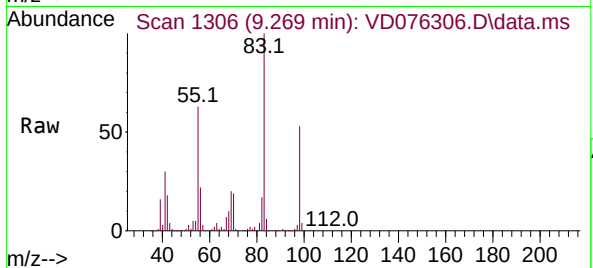
Tgt Ion: 83 Resp: 427342

Ion Ratio Lower Upper

83 100

55 62.8 49.4 74.0

98 52.5 38.4 57.6



#40

Benzene

Concen: 100.570 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076306.D

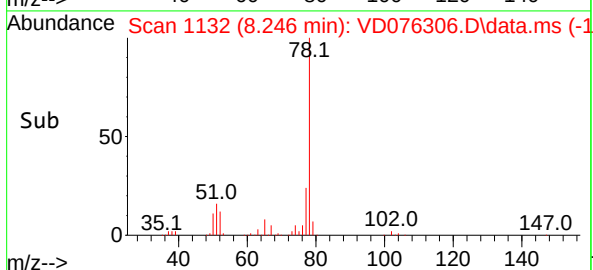
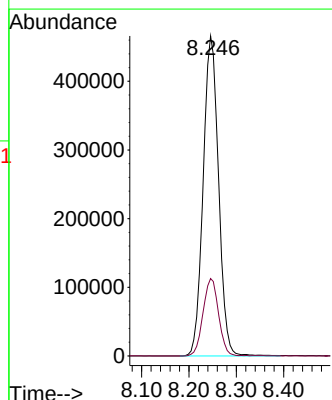
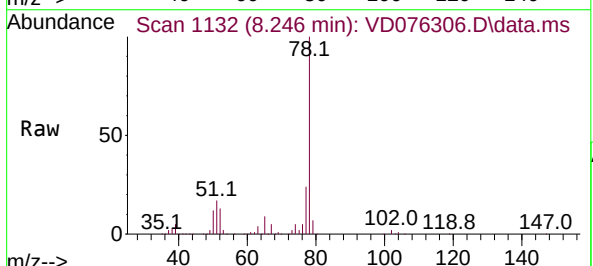
Acq: 01 Jun 2023 19:40

Tgt Ion: 78 Resp: 1053293

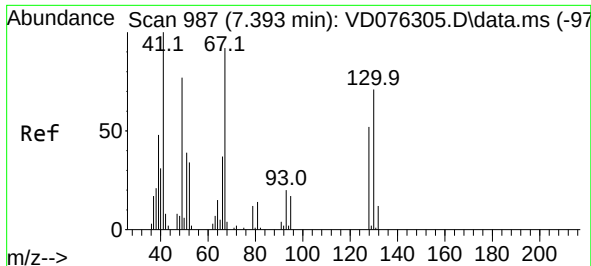
Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0



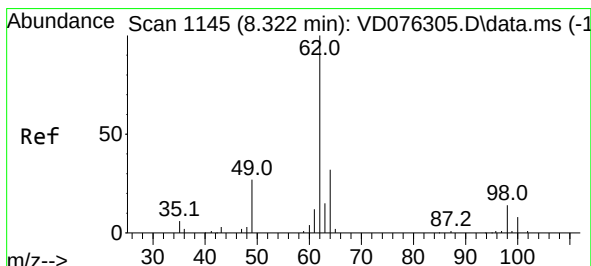
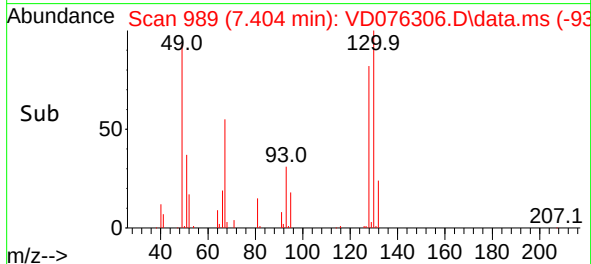
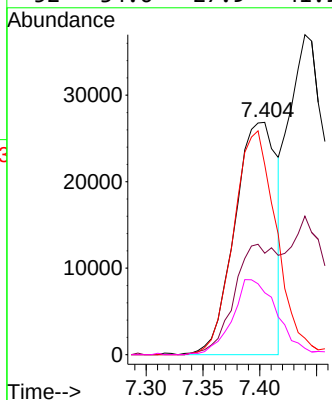
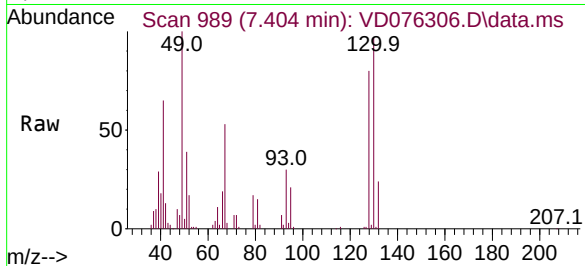




#41  
Methacrylonitrile  
Concen: 109.507 ug/l  
RT: 7.404 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

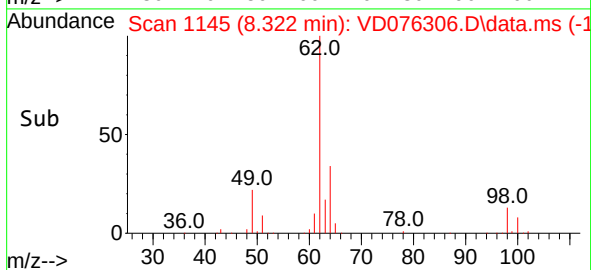
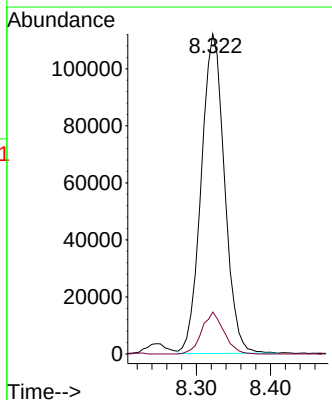
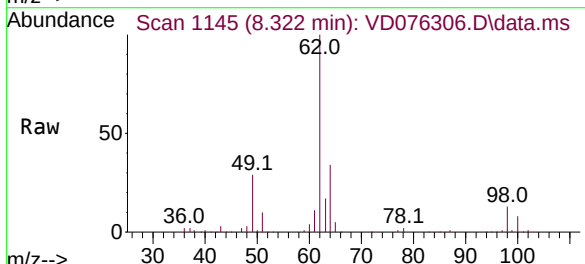
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

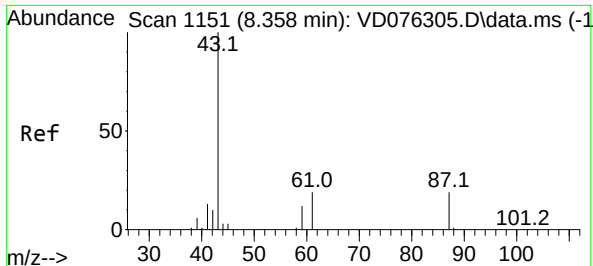
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 69124 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 48.1  | 34.0  | 51.0  |
| 67       | 98.8  | 77.0  | 115.4 |
| 52       | 34.6  | 27.9  | 41.9  |



#42  
1,2-Dichloroethane  
Concen: 96.264 ug/l  
RT: 8.322 min Scan# 1145  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 245017 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 12.4  | 0.0   | 25.4   |





#43

Isopropyl Acetate

Concen: 103.269 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC100

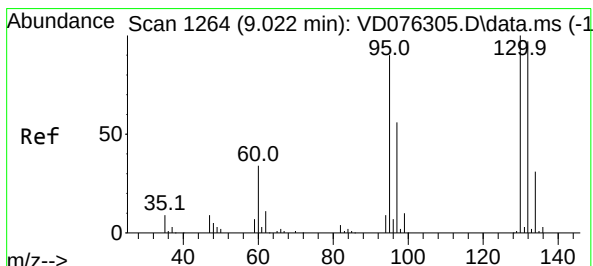
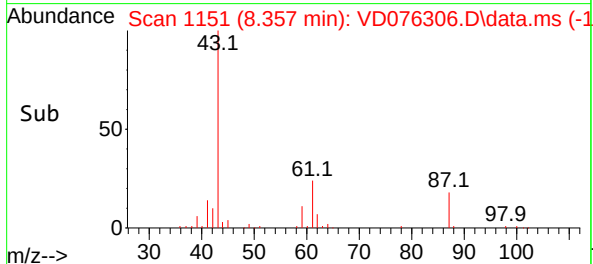
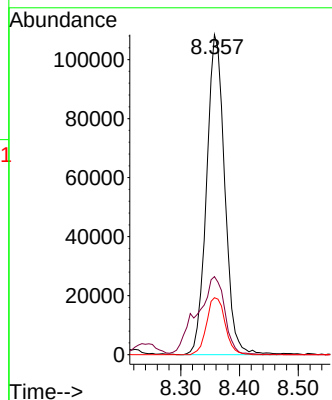
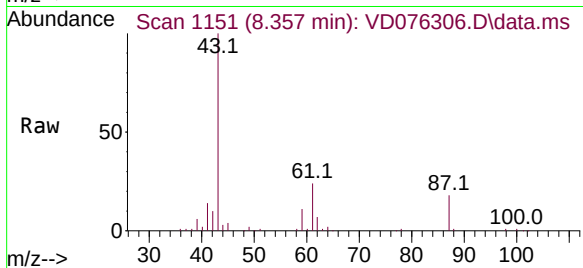
Tgt Ion: 43 Resp: 232655

Ion Ratio Lower Upper

43 100

61 37.1 31.4 47.0

87 18.2 14.9 22.3



#44

Trichloroethene

Concen: 101.837 ug/l

RT: 9.022 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD076306.D

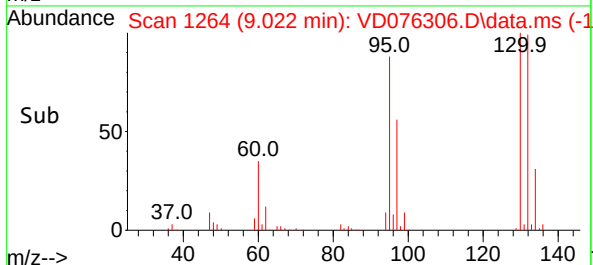
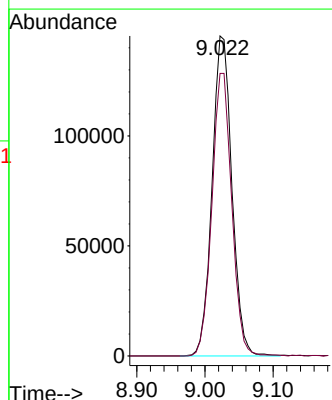
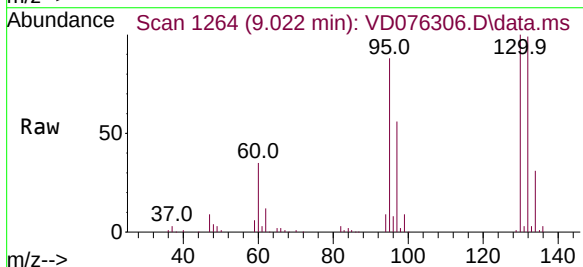
Acq: 01 Jun 2023 19:40

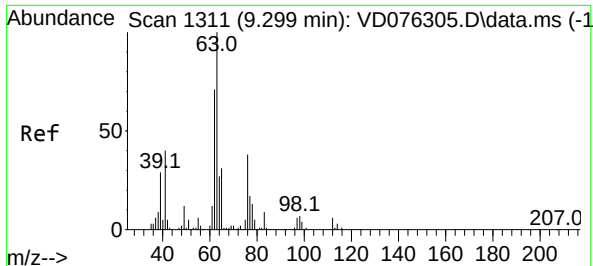
Tgt Ion:130 Resp: 294728

Ion Ratio Lower Upper

130 100

95 88.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 99.254 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Instrument :

MSVOA\_D

ClientSampleId :

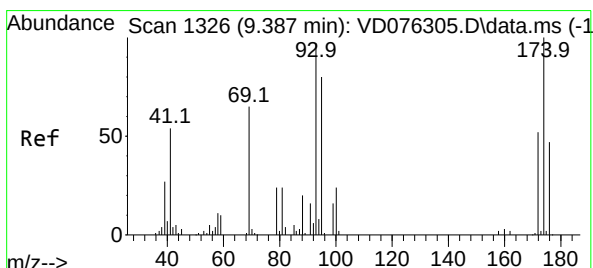
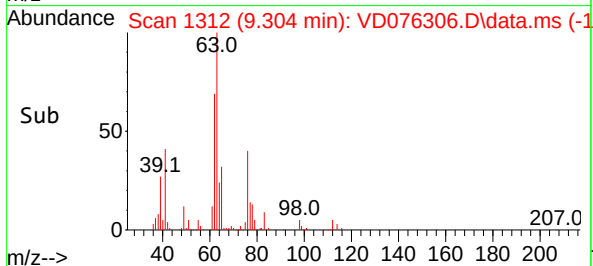
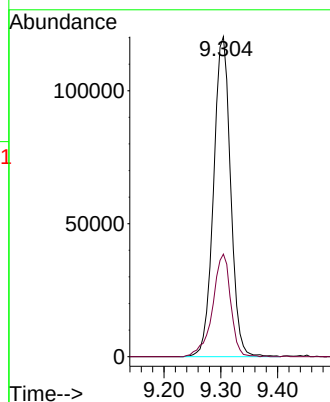
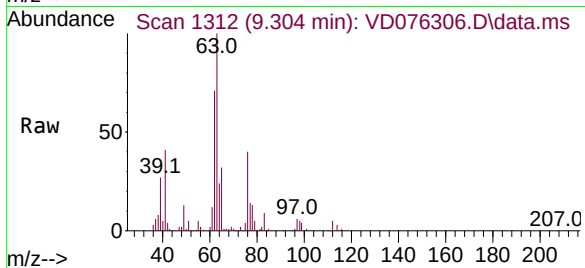
VSTDICC100

Tgt Ion: 63 Resp: 250925

Ion Ratio Lower Upper

63 100

65 32.1 24.5 36.7



#46

Dibromomethane

Concen: 98.437 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

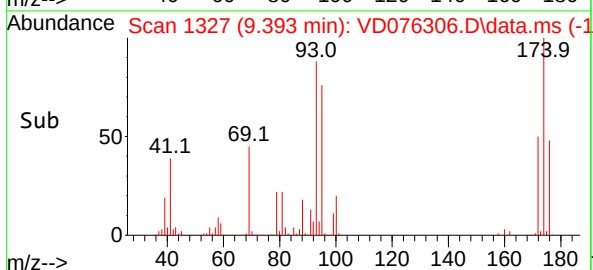
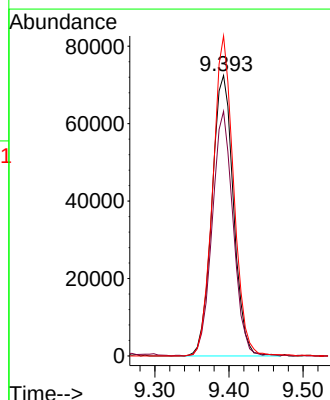
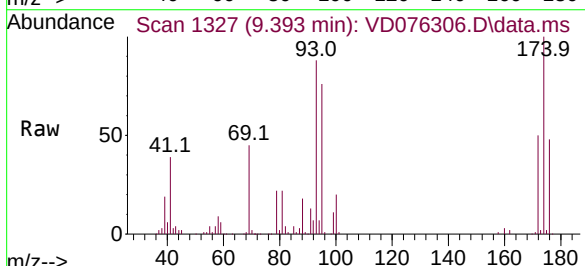
Tgt Ion: 93 Resp: 146042

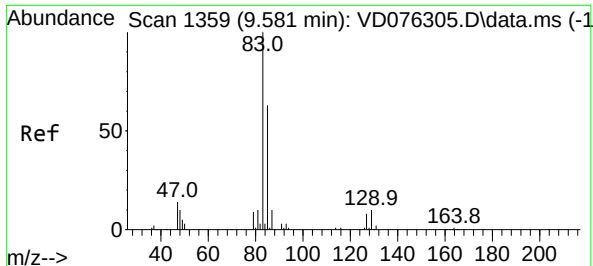
Ion Ratio Lower Upper

93 100

95 84.9 67.7 101.5

174 110.3 85.4 128.2

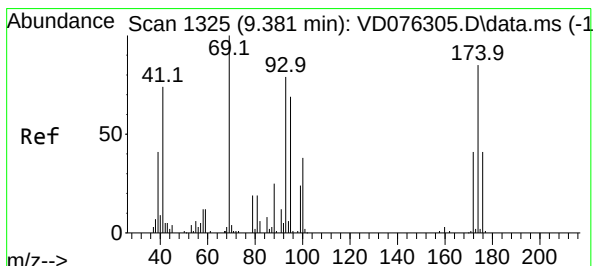
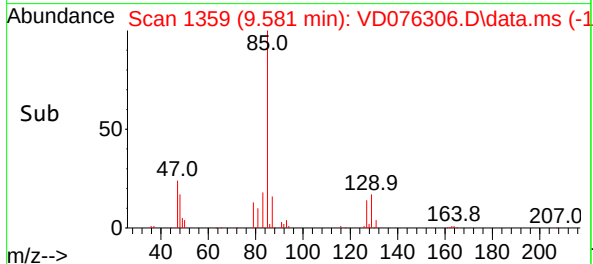
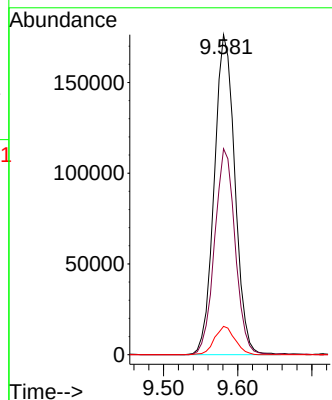
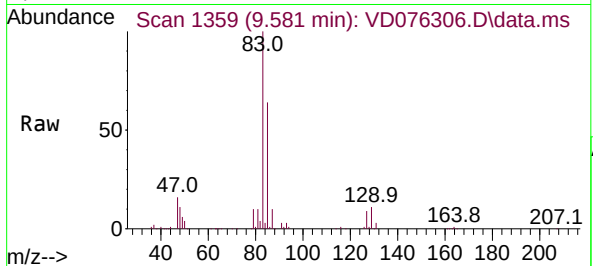




#47  
Bromodichloromethane  
Concen: 98.076 ug/l  
RT: 9.581 min Scan# 1359  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

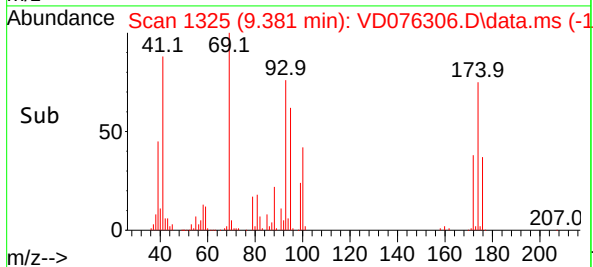
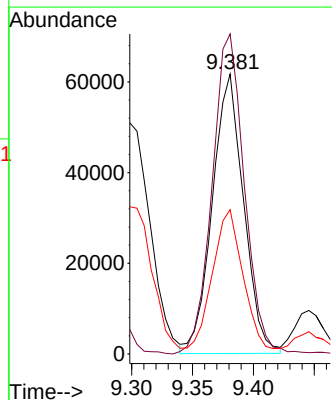
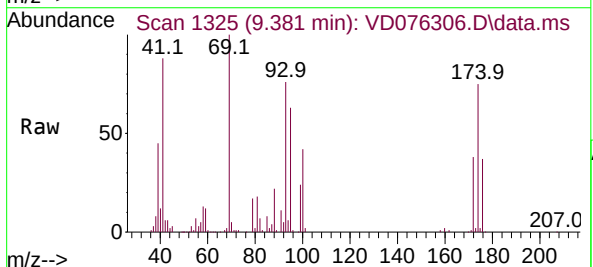
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

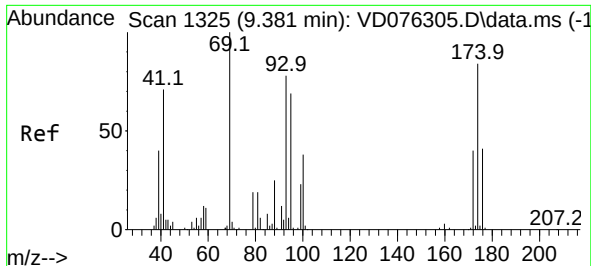
Tgt Ion: 83 Resp: 340887  
Ion Ratio Lower Upper  
83 100  
85 64.4 50.2 75.4  
127 8.9 6.3 9.5



#48  
Methyl methacrylate  
Concen: 114.061 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 41 Resp: 110328  
Ion Ratio Lower Upper  
41 100  
69 117.9 102.2 153.2  
39 48.2 41.4 62.2





#49

1,4-Dioxane

Concen: 2209.936 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC100

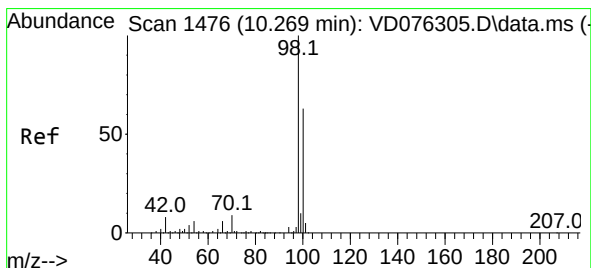
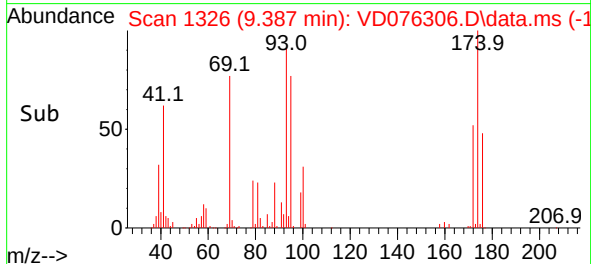
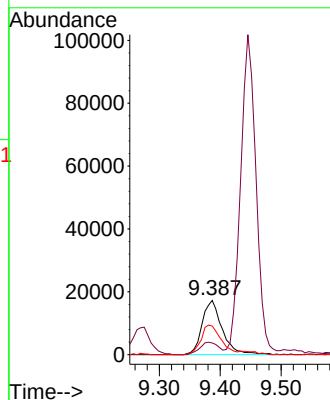
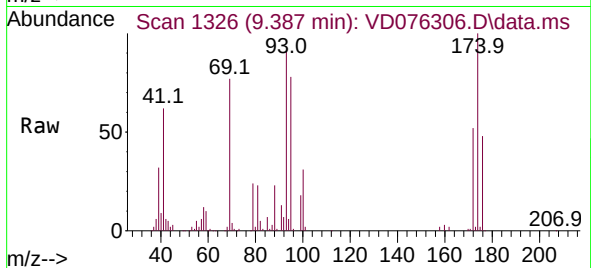
Tgt Ion: 88 Resp: 39696

Ion Ratio Lower Upper

88 100

43 21.3 19.0 28.6

58 54.0 43.5 65.3



#50

Toluene-d8

Concen: 102.497 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076306.D

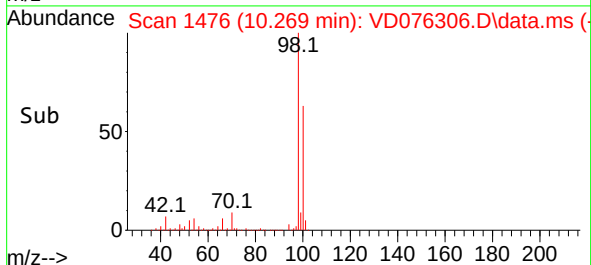
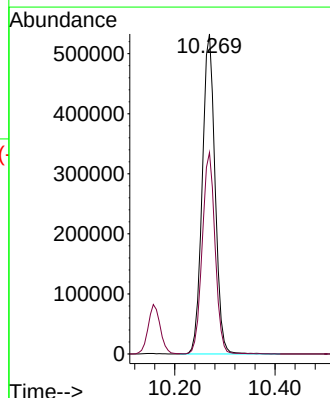
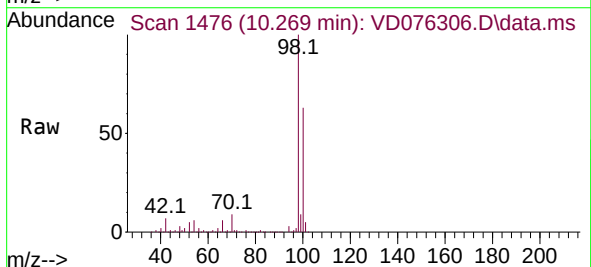
Acq: 01 Jun 2023 19:40

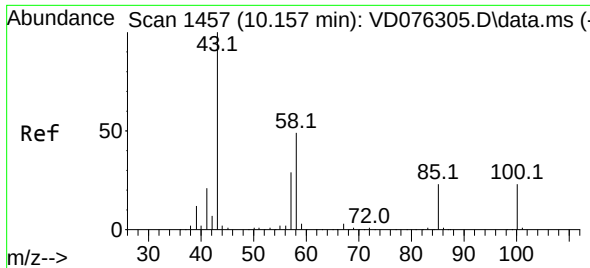
Tgt Ion: 98 Resp: 942973

Ion Ratio Lower Upper

98 100

100 63.3 50.3 75.5

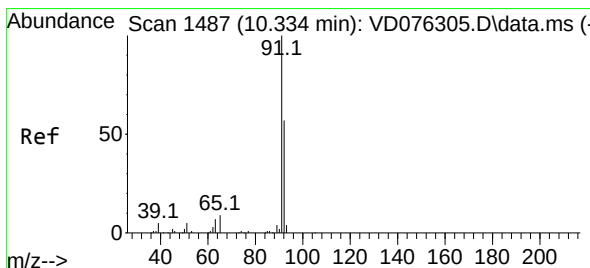
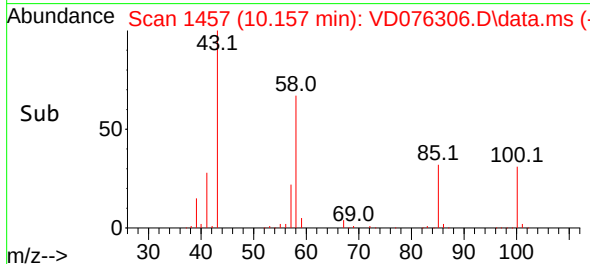
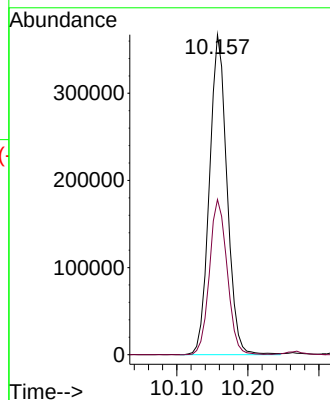
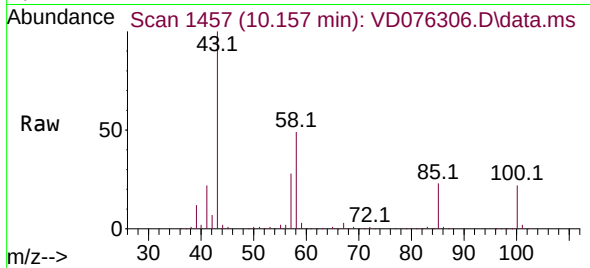




#51  
4-Methyl-2-Pentanone  
Concen: 529.521 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

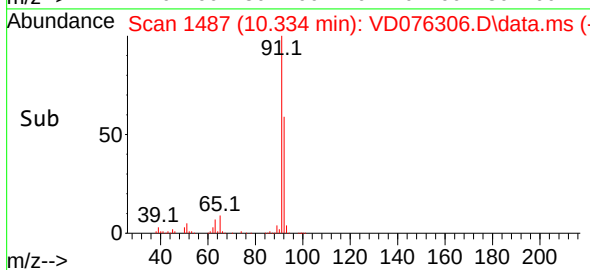
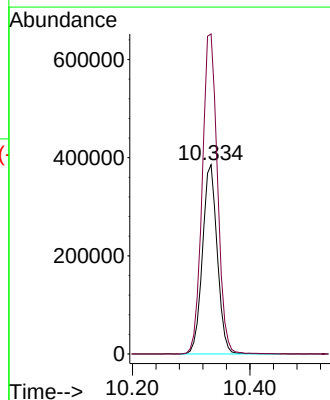
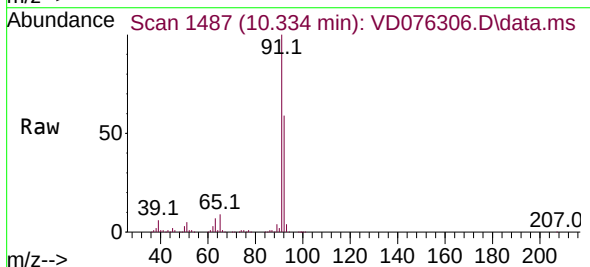
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

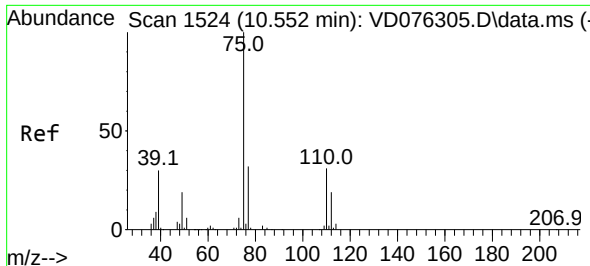
Tgt Ion: 43 Resp: 631149  
Ion Ratio Lower Upper  
43 100  
58 48.7 38.9 58.3



#52  
Toluene  
Concen: 104.796 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 92 Resp: 671686  
Ion Ratio Lower Upper  
92 100  
91 174.8 143.0 214.4

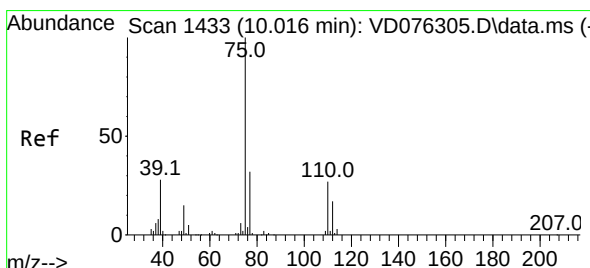
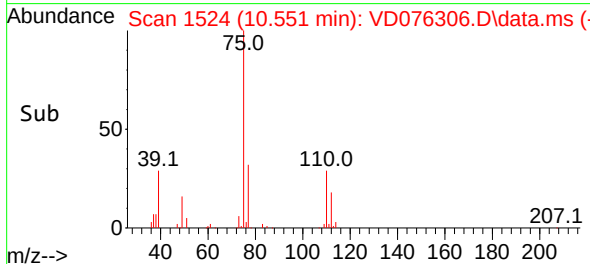
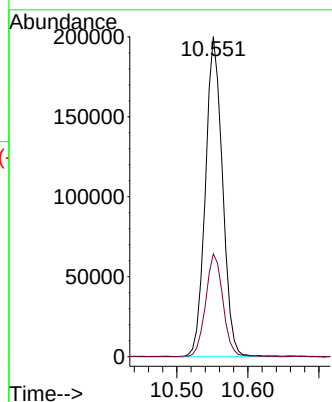
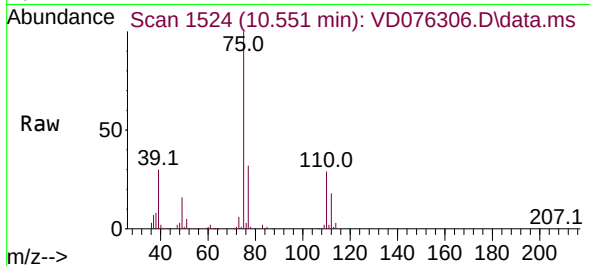




#53  
 t-1,3-Dichloropropene  
 Concen: 103.066 ug/l  
 RT: 10.551 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VD076306.D  
 Acq: 01 Jun 2023 19:40

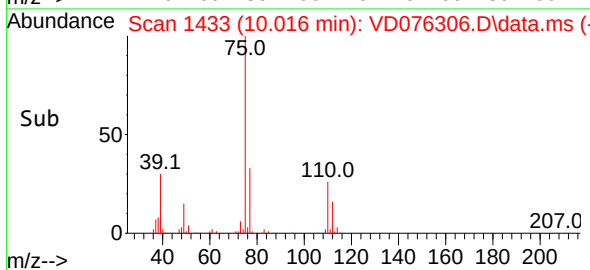
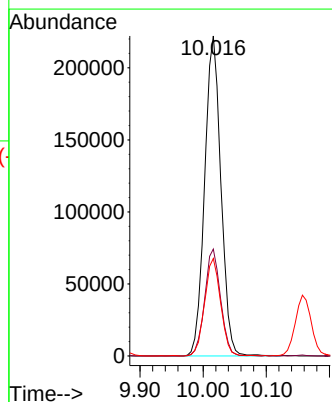
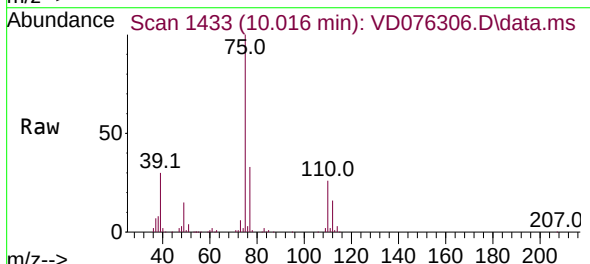
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC100

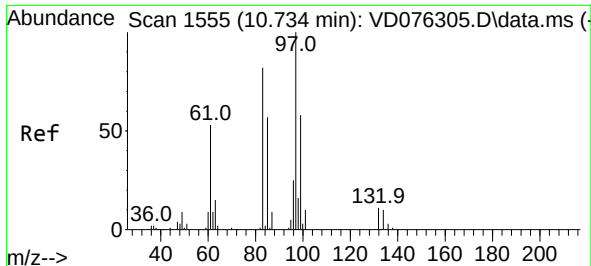
Tgt Ion: 75 Resp: 334980  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 25.3 37.9



#54  
 cis-1,3-Dichloropropene  
 Concen: 103.585 ug/l  
 RT: 10.016 min Scan# 1433  
 Delta R.T. 0.000 min  
 Lab File: VD076306.D  
 Acq: 01 Jun 2023 19:40

Tgt Ion: 75 Resp: 397709  
 Ion Ratio Lower Upper  
 75 100  
 77 33.4 25.5 38.3  
 39 30.5 22.1 33.1

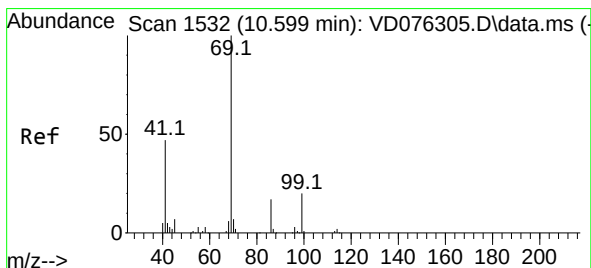
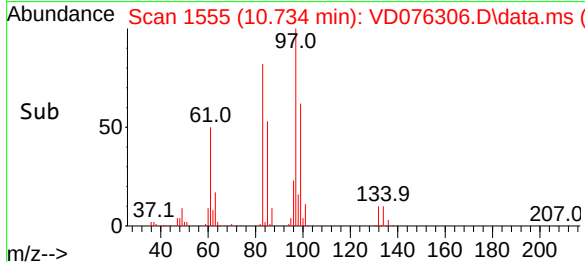
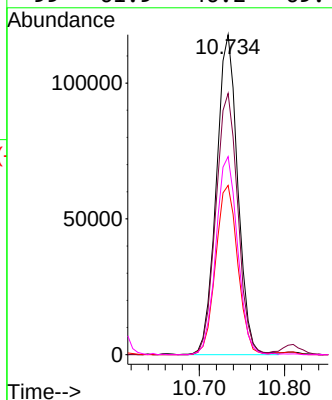
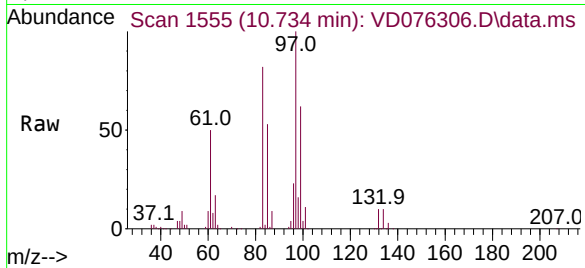




#55  
 1,1,2-Trichloroethane  
 Concen: 97.229 ug/l  
 RT: 10.734 min Scan# 1555  
 Delta R.T. -0.000 min  
 Lab File: VD076306.D  
 Acq: 01 Jun 2023 19:40

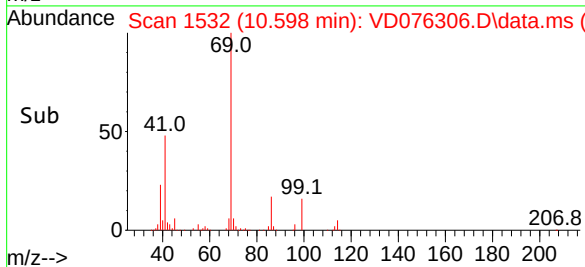
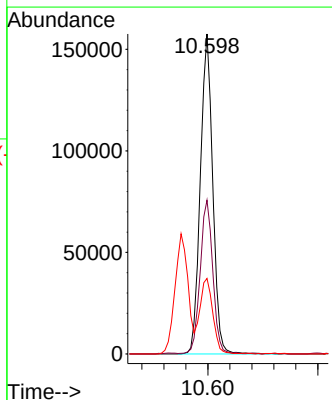
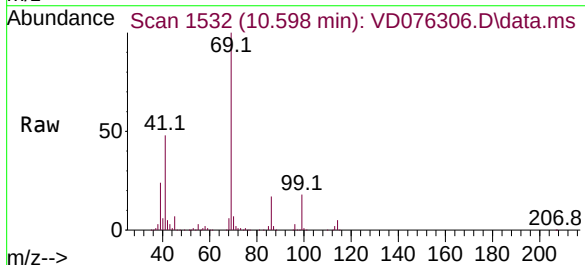
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 205342 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 81.7  | 65.8  | 98.6   |
| 85       | 52.9  | 45.7  | 68.5   |
| 99       | 61.9  | 46.2  | 69.4   |

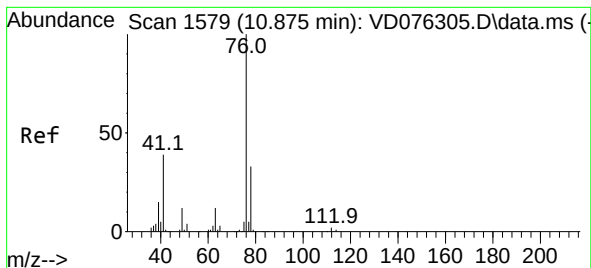


#56  
 Ethyl methacrylate  
 Concen: 99.524 ug/l  
 RT: 10.598 min Scan# 1532  
 Delta R.T. -0.001 min  
 Lab File: VD076306.D  
 Acq: 01 Jun 2023 19:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 247107 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 48.7  | 39.1  | 58.7   |
| 39       | 24.5  | 20.0  | 30.0   |







#57

1,3-Dichloropropane

Concen: 100.783 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Instrument :

MSVOA\_D

ClientSampleId :

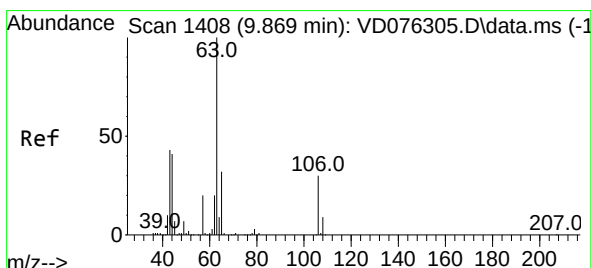
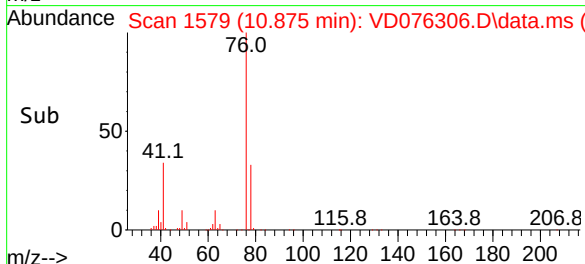
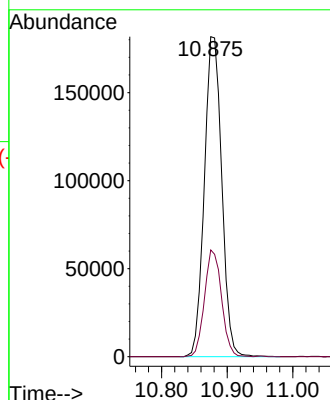
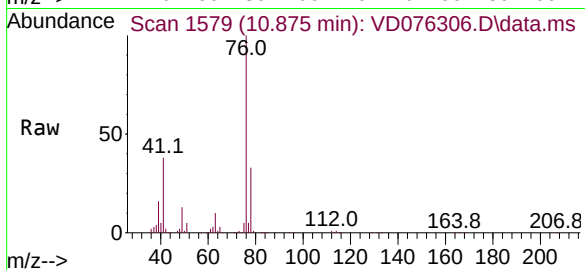
VSTDICC100

Tgt Ion: 76 Resp: 335694

Ion Ratio Lower Upper

76 100

78 32.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 502.857 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076306.D

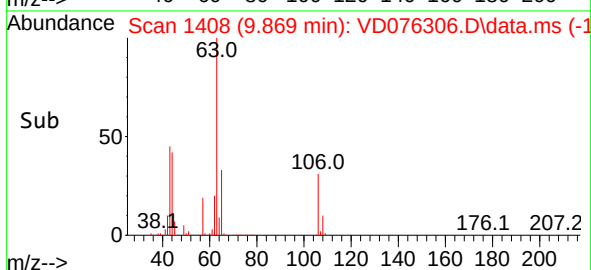
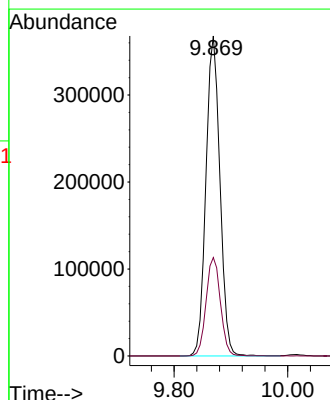
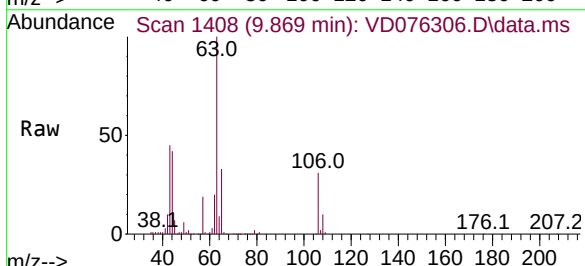
Acq: 01 Jun 2023 19:40

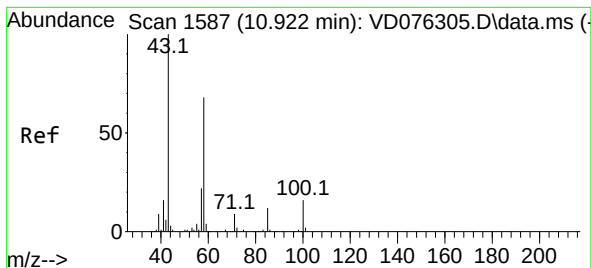
Tgt Ion: 63 Resp: 626680

Ion Ratio Lower Upper

63 100

106 31.5 25.3 37.9

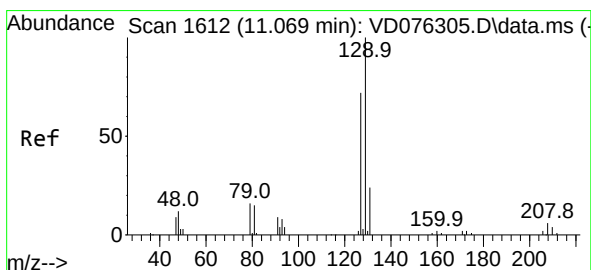
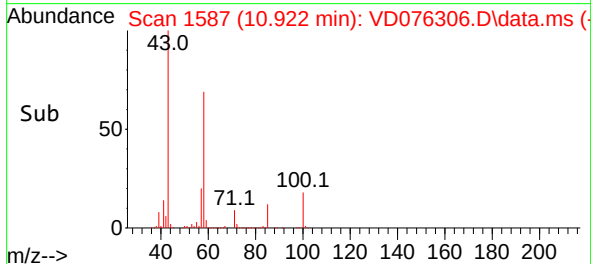
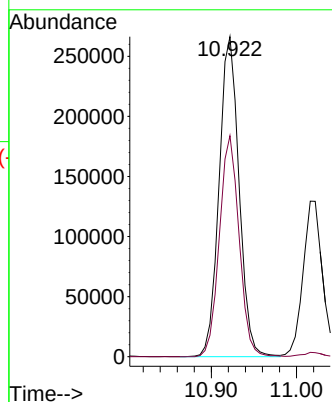
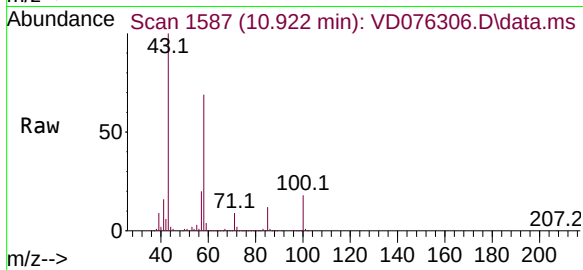




#59  
2-Hexanone  
Concen: 547.227 ug/l  
RT: 10.922 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

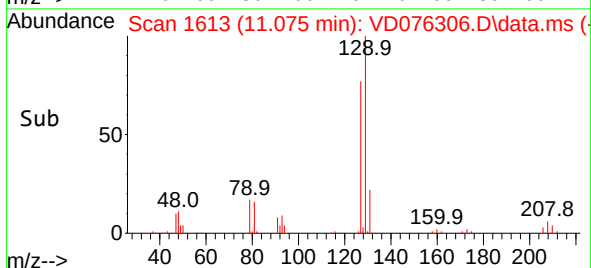
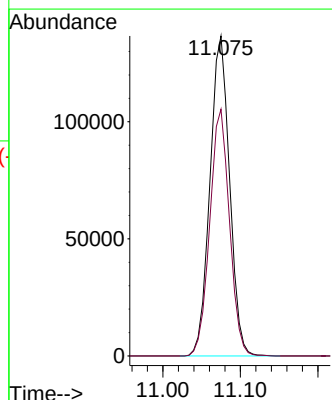
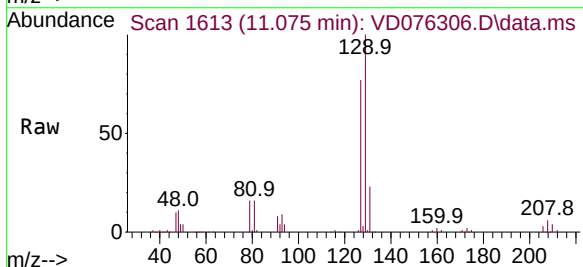
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

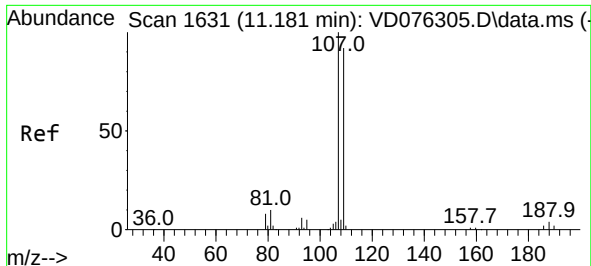
Tgt Ion: 43 Resp: 434130  
Ion Ratio Lower Upper  
43 100  
58 68.0 34.1 102.2



#60  
Dibromochloromethane  
Concen: 99.202 ug/l  
RT: 11.075 min Scan# 1613  
Delta R.T. 0.006 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion:129 Resp: 240104  
Ion Ratio Lower Upper  
129 100  
127 77.4 37.1 111.5

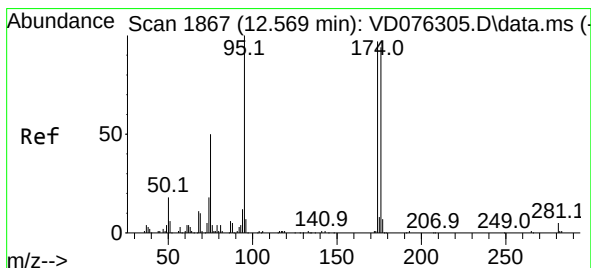
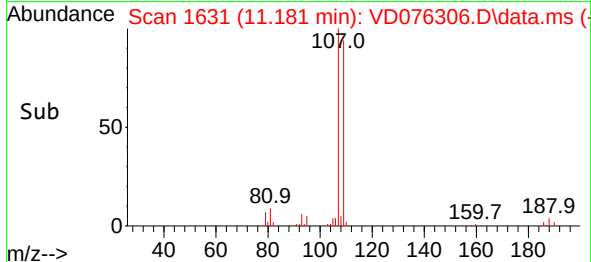
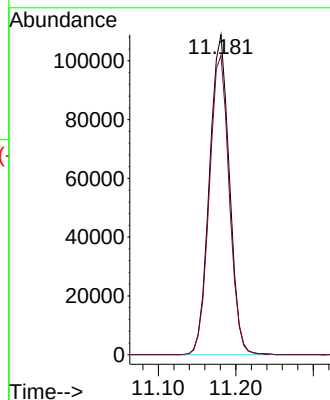
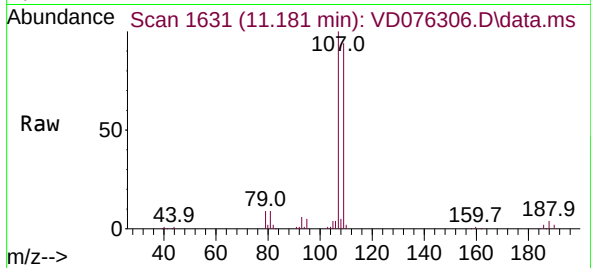




#61  
1,2-Dibromoethane  
Concen: 99.205 ug/l  
RT: 11.181 min Scan# 1631  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

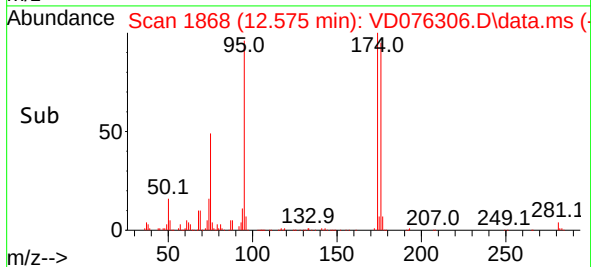
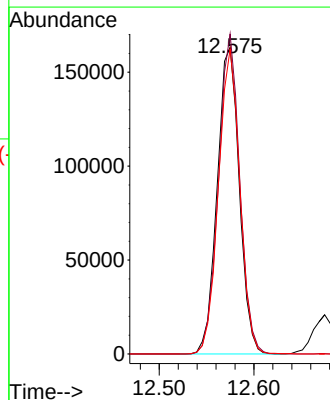
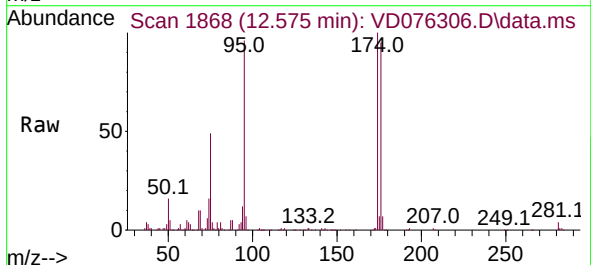
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

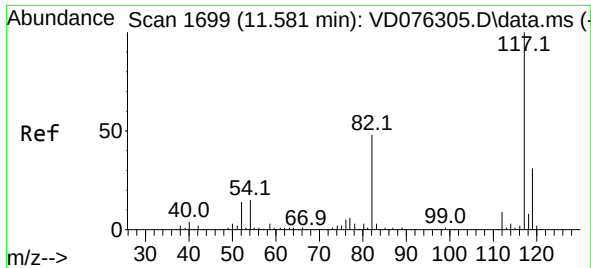
Tgt Ion:107 Resp: 193587  
Ion Ratio Lower Upper  
107 100  
109 93.9 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 102.847 ug/l  
RT: 12.575 min Scan# 1868  
Delta R.T. 0.006 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 95 Resp: 263911  
Ion Ratio Lower Upper  
95 100  
174 100.9 0.0 201.8  
176 96.5 0.0 191.8

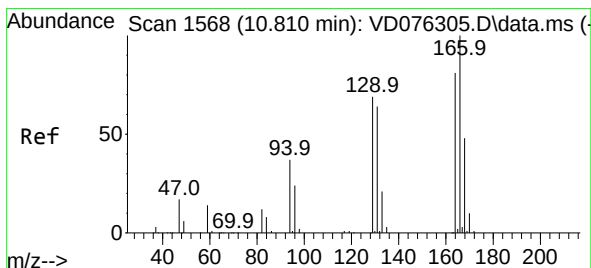
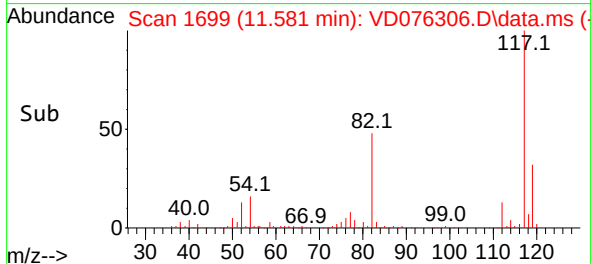
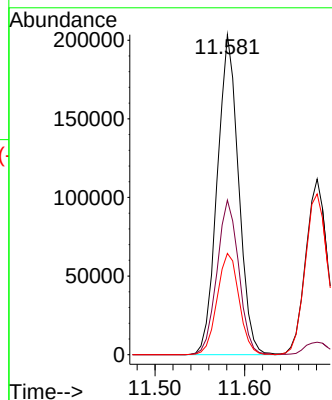
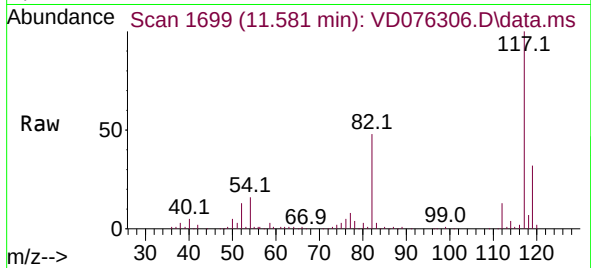




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

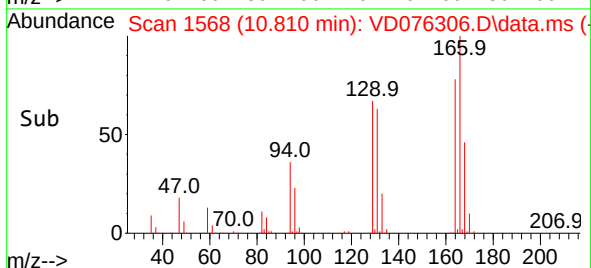
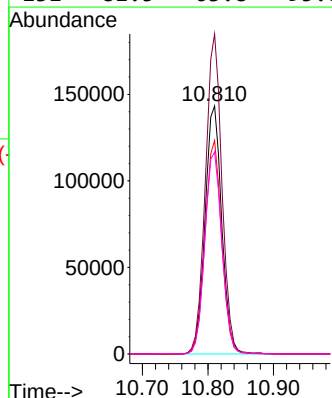
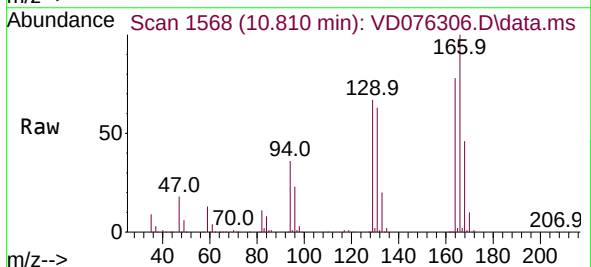
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

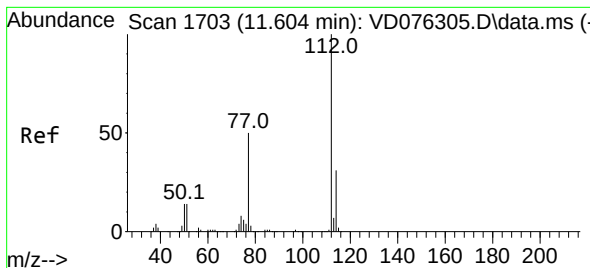
Tgt Ion:117 Resp: 335972  
Ion Ratio Lower Upper  
117 100  
82 48.3 38.3 57.5  
119 31.6 25.0 37.4



#64  
Tetrachloroethene  
Concen: 106.203 ug/l  
RT: 10.810 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion:164 Resp: 254210  
Ion Ratio Lower Upper  
164 100  
166 129.0 99.2 148.8  
129 86.0 68.4 102.6  
131 81.5 63.8 95.8





#65

Chlorobenzene

Concen: 101.341 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Instrument :

MSVOA\_D

ClientSampleId :

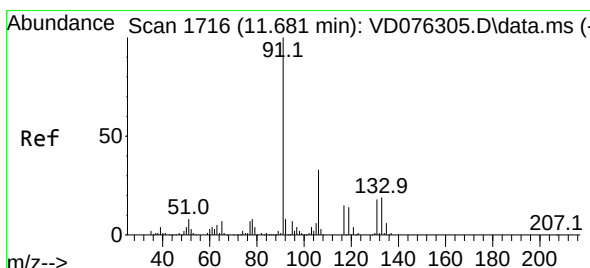
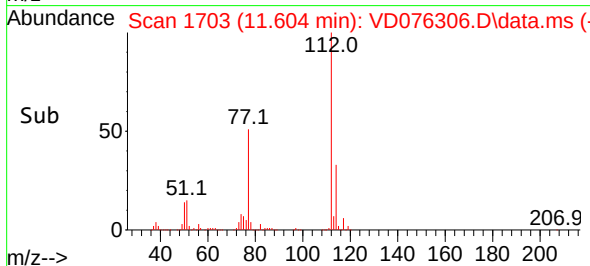
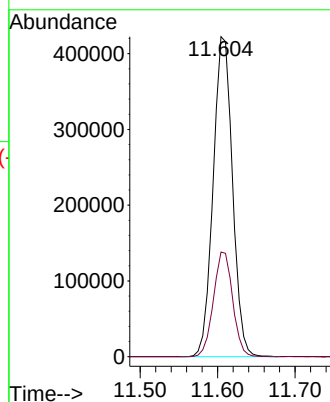
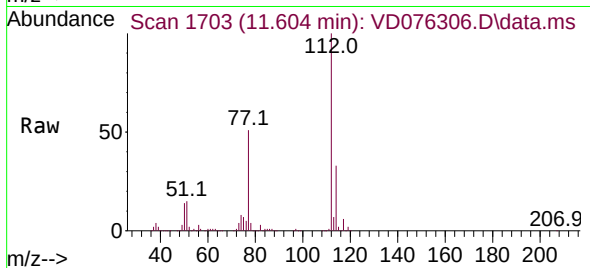
VSTDIC100

Tgt Ion:112 Resp: 731949

Ion Ratio Lower Upper

112 100

114 32.7 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 102.044 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

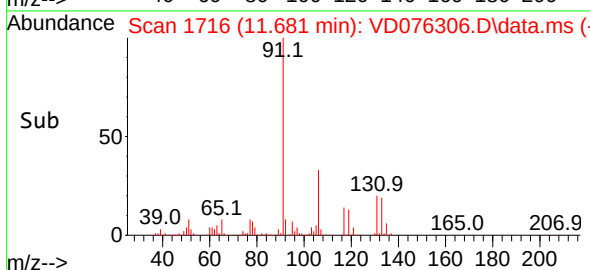
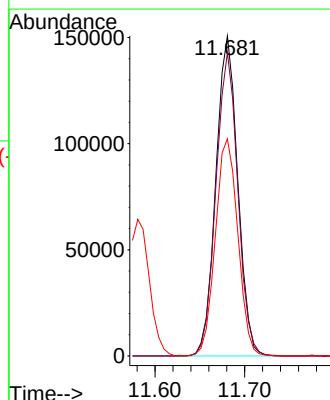
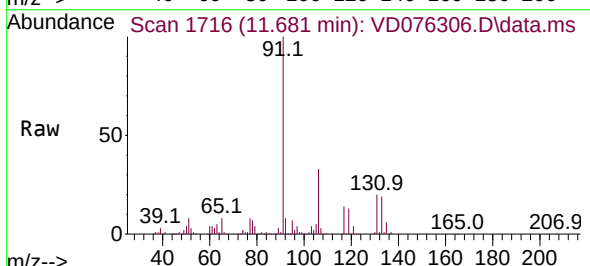
Tgt Ion:131 Resp: 255012

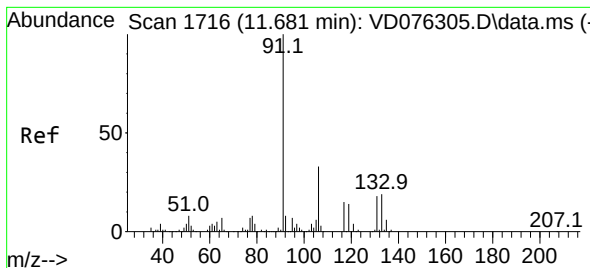
Ion Ratio Lower Upper

131 100

133 94.6 48.5 145.5

119 69.8 35.6 106.9





#67

Ethyl Benzene

Concen: 108.987 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Instrument :

MSVOA\_D

ClientSampleId :

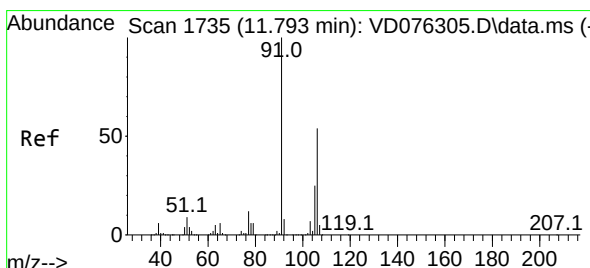
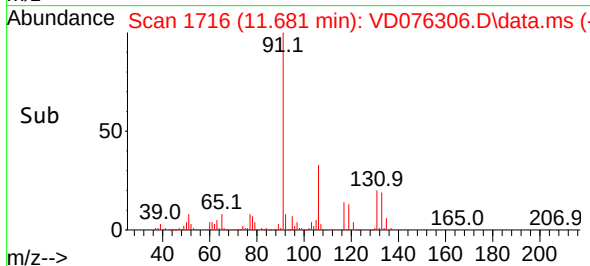
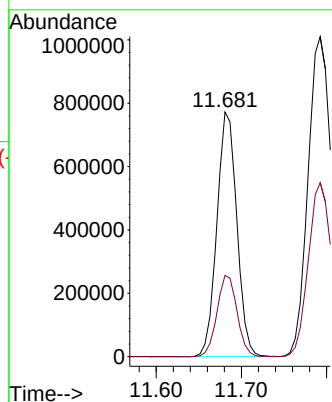
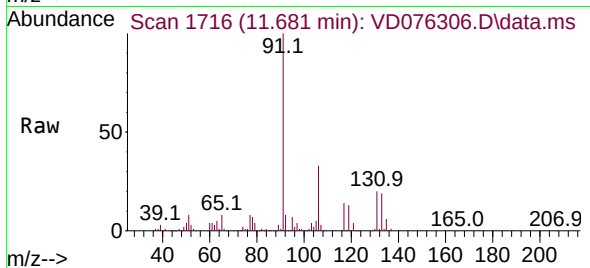
VSTDICC100

Tgt Ion: 91 Resp: 1257679

Ion Ratio Lower Upper

91 100

106 33.3 26.5 39.7



#68

m/p-Xylenes

Concen: 216.849 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076306.D

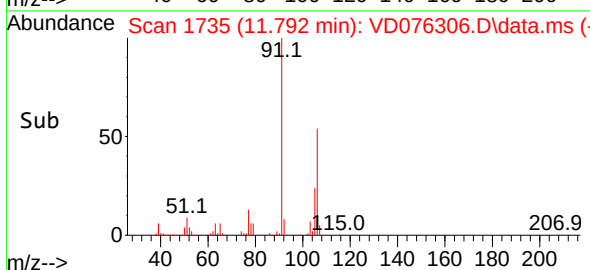
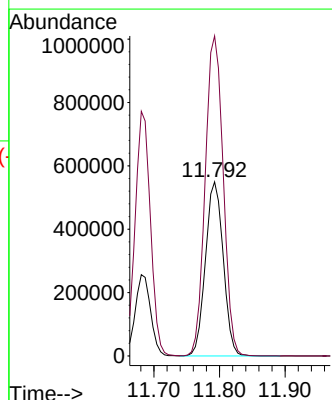
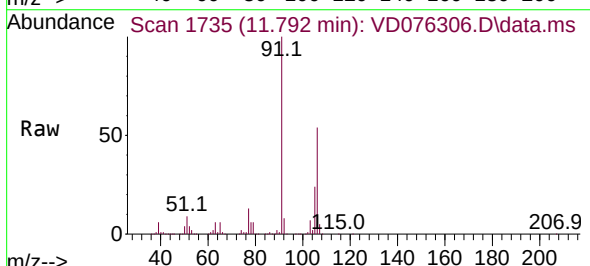
Acq: 01 Jun 2023 19:40

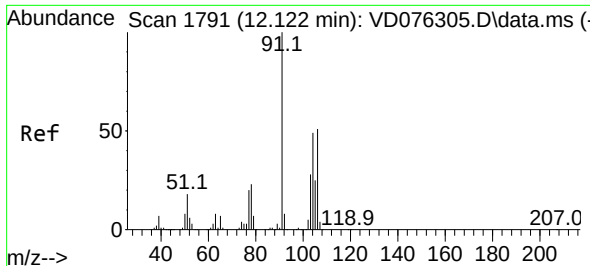
Tgt Ion:106 Resp: 1035175

Ion Ratio Lower Upper

106 100

91 186.2 147.0 220.6

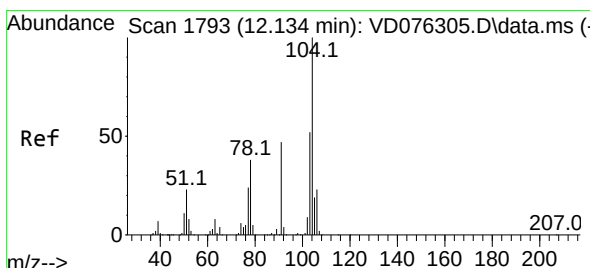
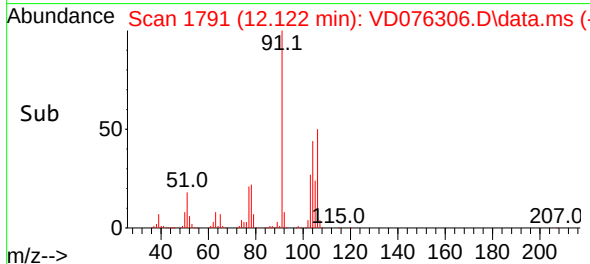
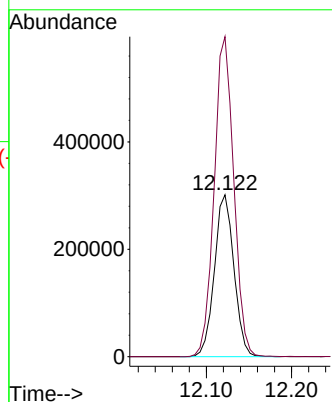
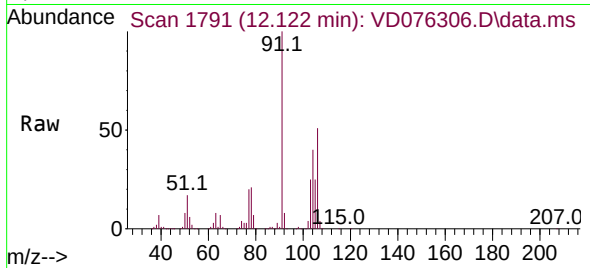




#69  
o-Xylene  
Concen: 109.899 ug/l  
RT: 12.122 min Scan# 1791  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

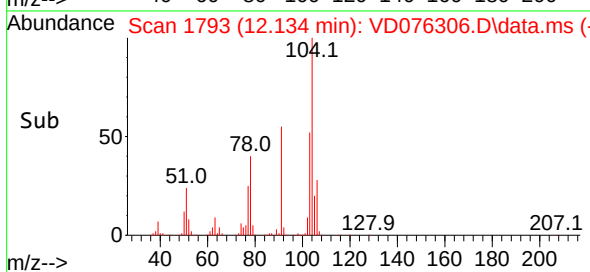
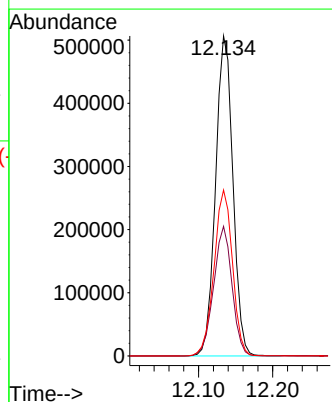
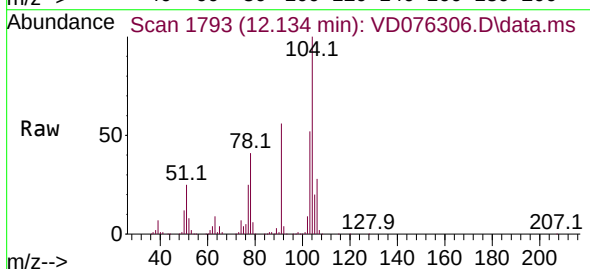
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

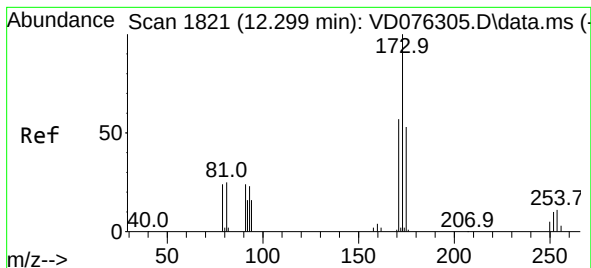
Tgt Ion:106 Resp: 481326  
Ion Ratio Lower Upper  
106 100  
91 198.0 97.9 293.6



#70  
Styrene  
Concen: 108.846 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion:104 Resp: 822739  
Ion Ratio Lower Upper  
104 100  
78 43.0 33.2 49.8  
103 55.2 43.6 65.4





#71

Bromoform

Concen: 102.940 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC100

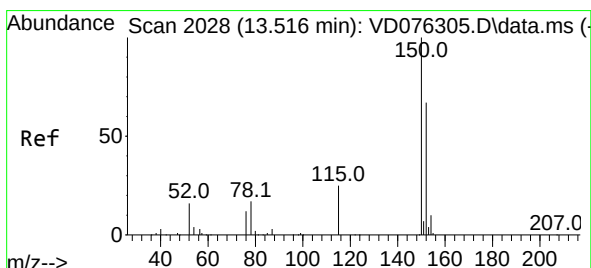
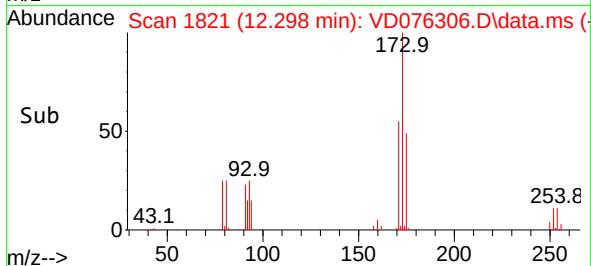
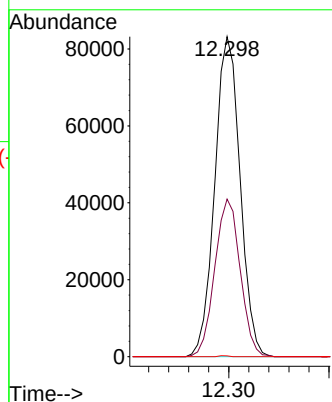
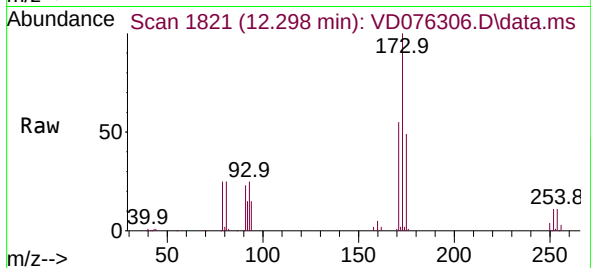
Tgt Ion:173 Resp: 145728

Ion Ratio Lower Upper

173 100

175 49.4 24.6 73.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

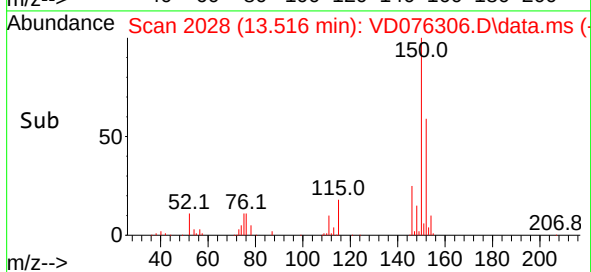
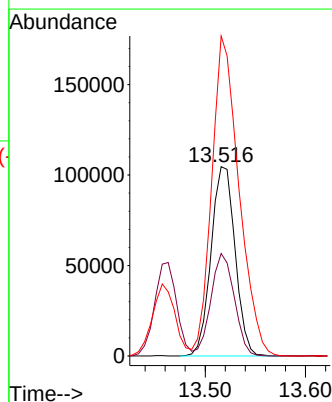
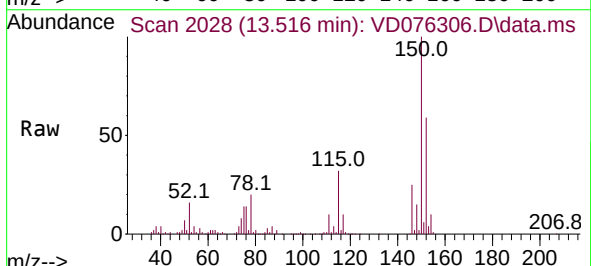
Tgt Ion:152 Resp: 174042

Ion Ratio Lower Upper

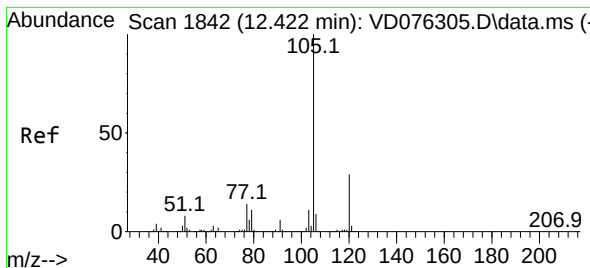
152 100

115 52.8 27.1 81.3

150 191.1 0.0 353.6







#73

Isopropylbenzene

Concen: 110.874 ug/l

RT: 12.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Instrument :

MSVOA\_D

ClientSampleId :

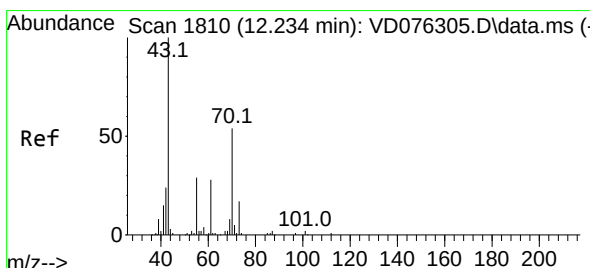
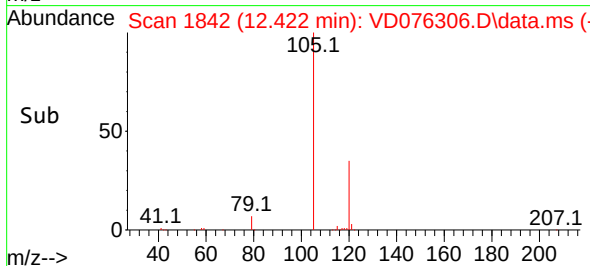
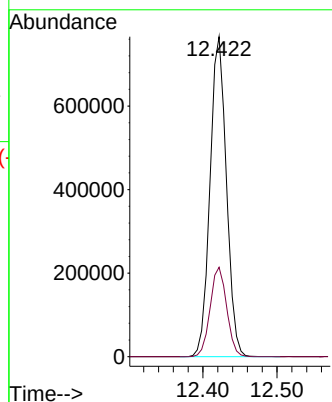
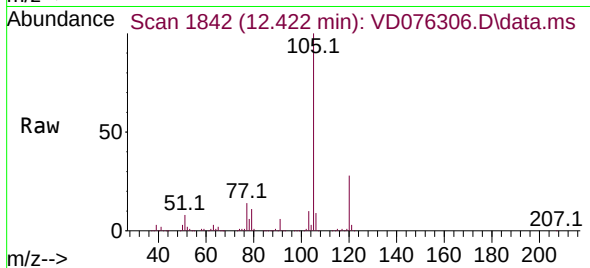
VSTDIC100

Tgt Ion:105 Resp: 1175361

Ion Ratio Lower Upper

105 100

120 28.2 14.3 42.9



#74

N-ethyl acetate

Concen: 108.588 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Tgt Ion: 43 Resp: 224948

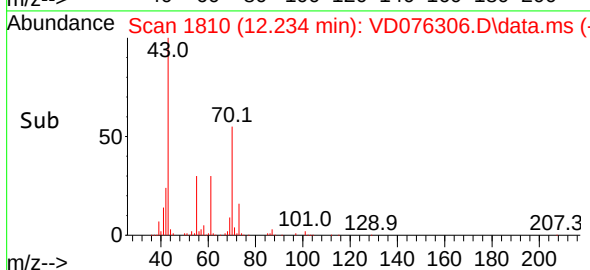
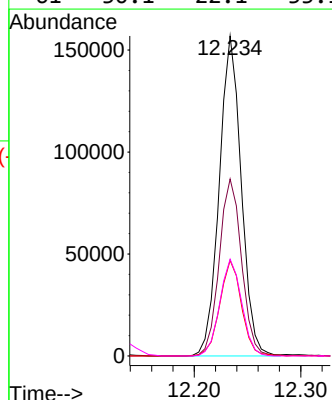
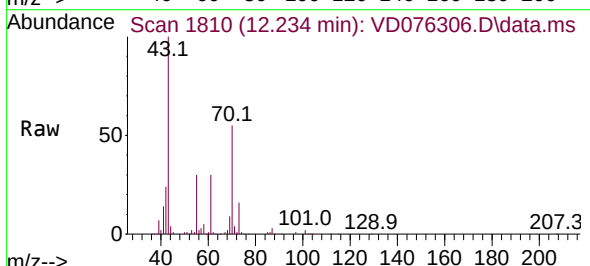
Ion Ratio Lower Upper

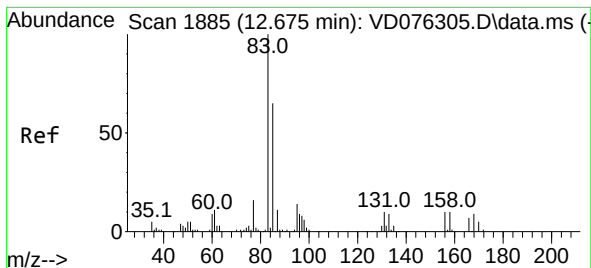
43 100

70 56.1 45.0 67.4

55 29.5 23.8 35.6

61 30.1 22.1 33.1

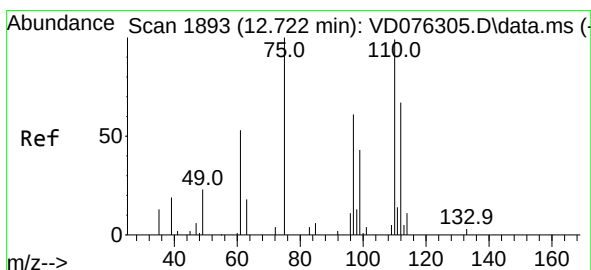
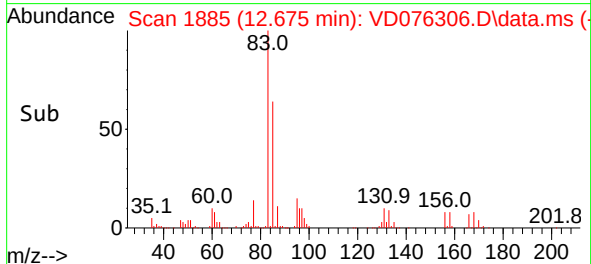
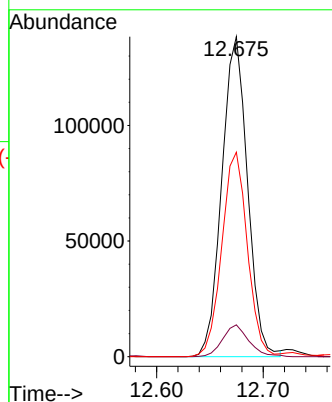
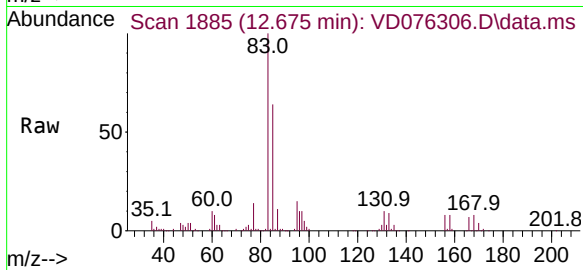




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 95.793 ug/l  
 RT: 12.675 min Scan# 1885  
 Delta R.T. -0.000 min  
 Lab File: VD076306.D  
 Acq: 01 Jun 2023 19:40

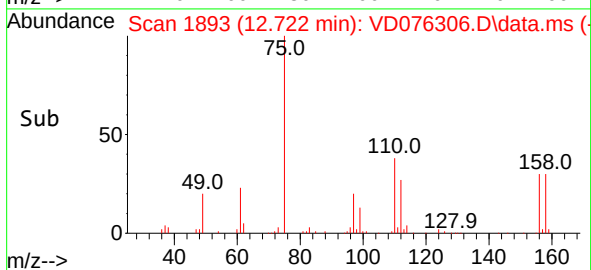
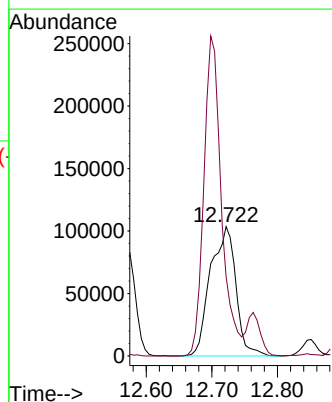
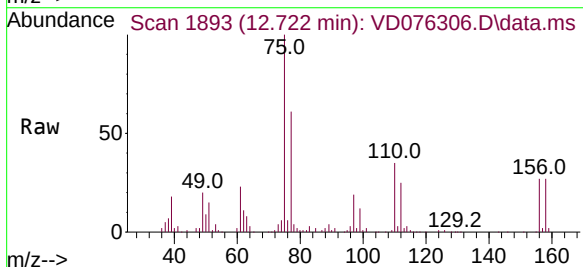
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC100

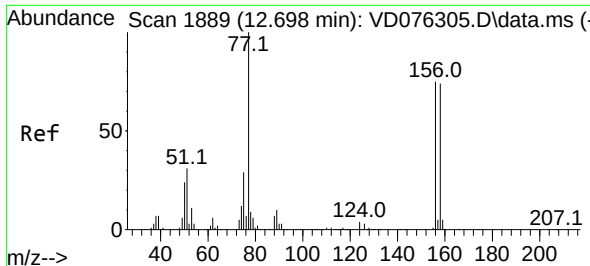
Tgt Ion: 83 Resp: 231636  
 Ion Ratio Lower Upper  
 83 100  
 131 10.2 5.1 15.3  
 85 63.6 32.6 97.8



#76  
 1,2,3-Trichloropropane  
 Concen: 177.473 ug/l  
 RT: 12.722 min Scan# 1893  
 Delta R.T. -0.000 min  
 Lab File: VD076306.D  
 Acq: 01 Jun 2023 19:40

Tgt Ion: 75 Resp: 278614  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

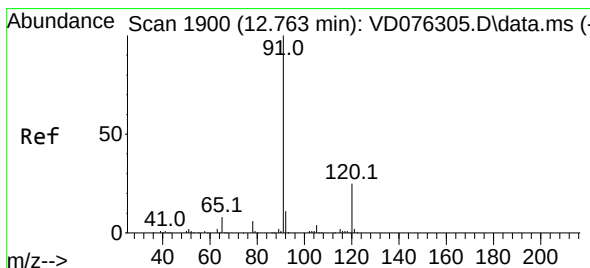
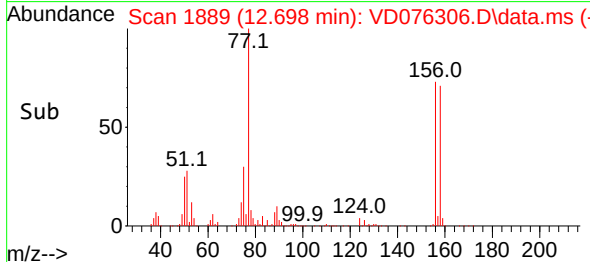
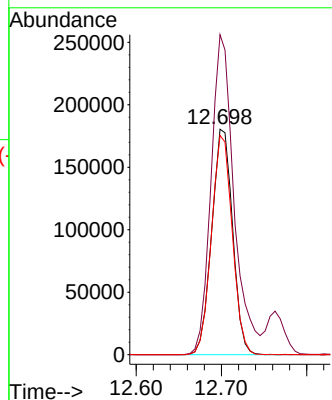
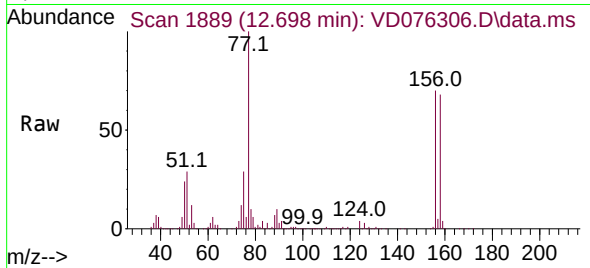




#77  
Bromobenzene  
Concen: 104.701 ug/l  
RT: 12.698 min Scan# 1889  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

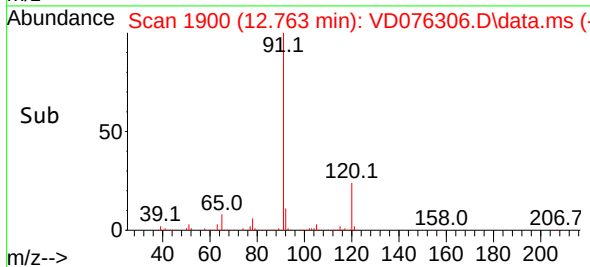
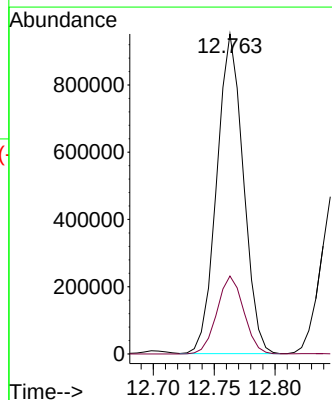
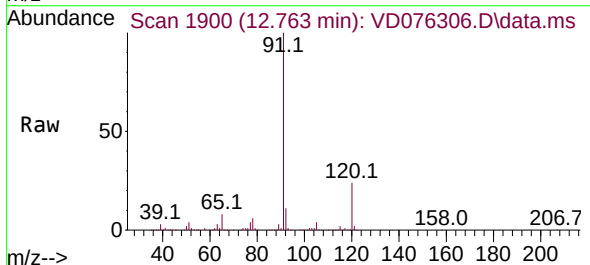
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

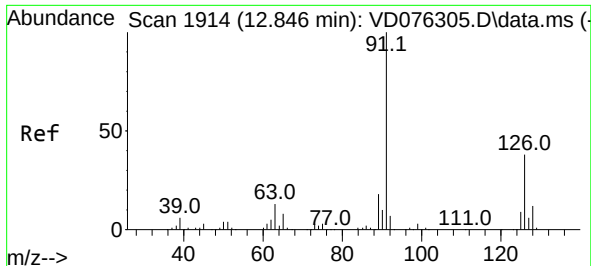
Tgt Ion:156 Resp: 306852  
Ion Ratio Lower Upper  
156 100  
77 156.1 76.8 230.4  
158 97.1 48.6 145.9



#78  
n-propylbenzene  
Concen: 109.011 ug/l  
RT: 12.763 min Scan# 1900  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 91 Resp: 1442609  
Ion Ratio Lower Upper  
91 100  
120 24.5 12.4 37.2

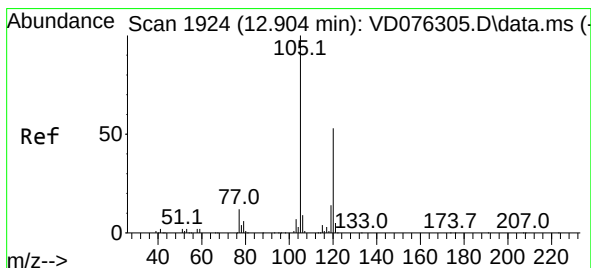
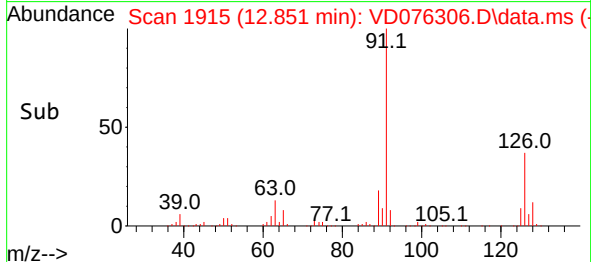
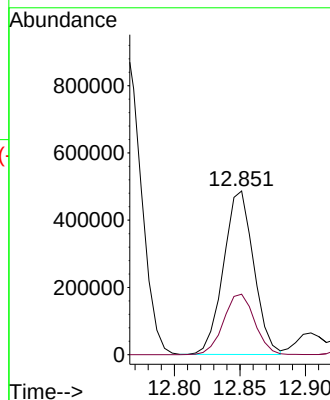
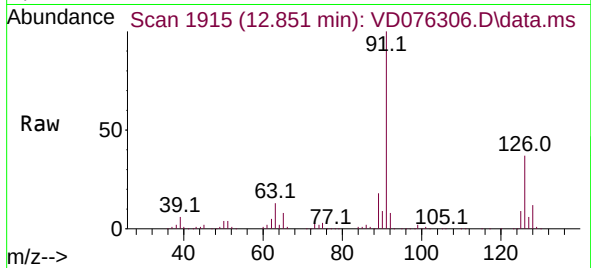




#79  
2-Chlorotoluene  
Concen: 105.702 ug/l  
RT: 12.851 min Scan# 1915  
Delta R.T. 0.006 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

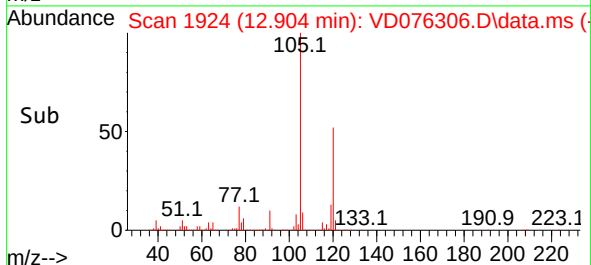
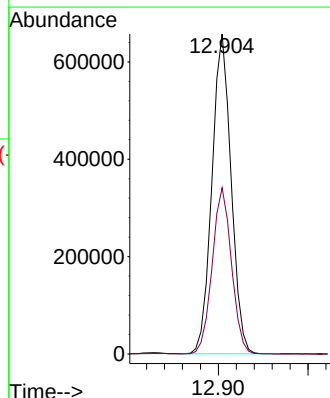
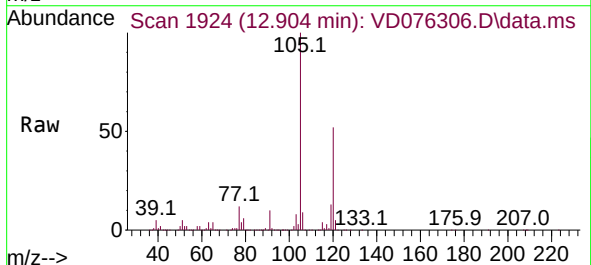
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

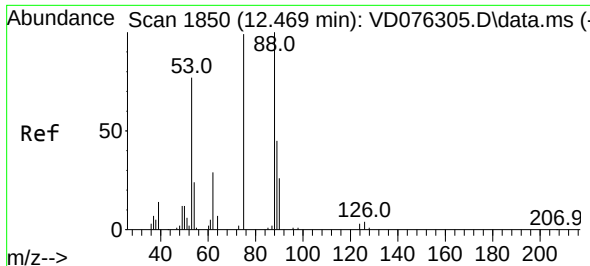
Tgt Ion: 91 Resp: 780247  
Ion Ratio Lower Upper  
91 100  
126 38.1 19.4 58.1



#80  
1,3,5-Trimethylbenzene  
Concen: 110.297 ug/l  
RT: 12.904 min Scan# 1924  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 105 Resp: 973273  
Ion Ratio Lower Upper  
105 100  
120 52.3 26.4 79.2

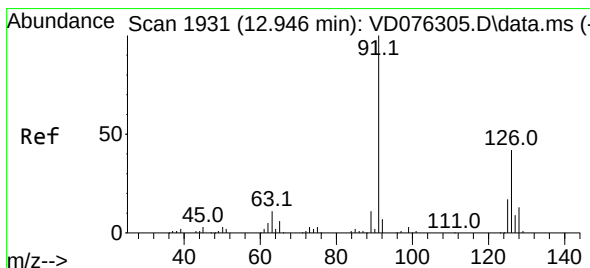
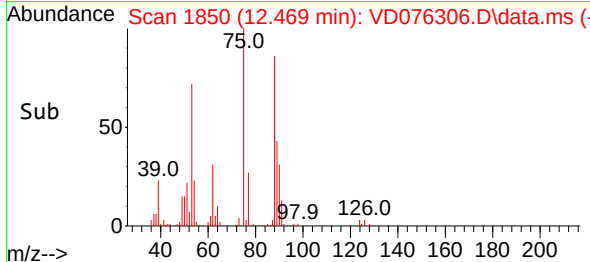
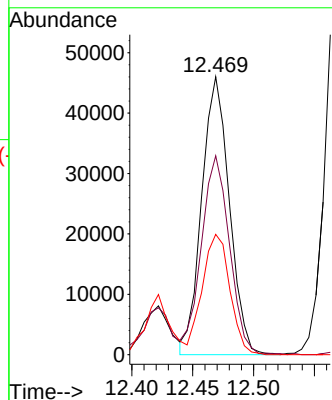
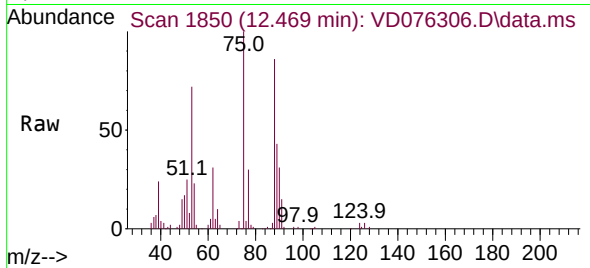




#81  
trans-1,4-Dichloro-2-butene  
Concen: 106.404 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

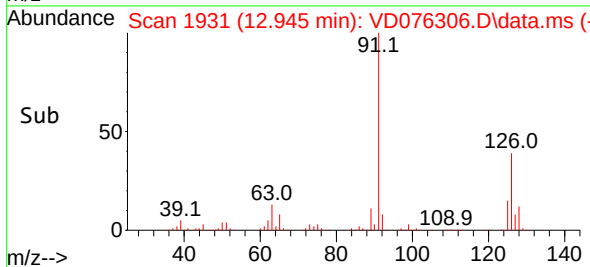
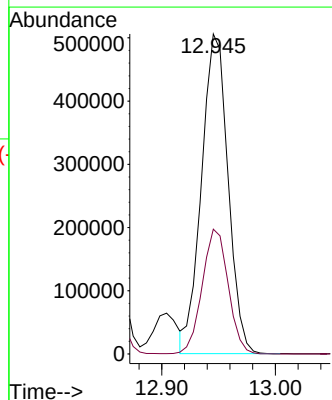
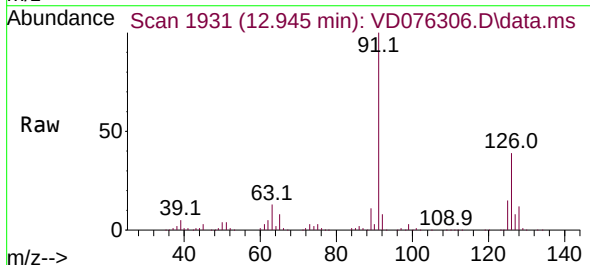
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

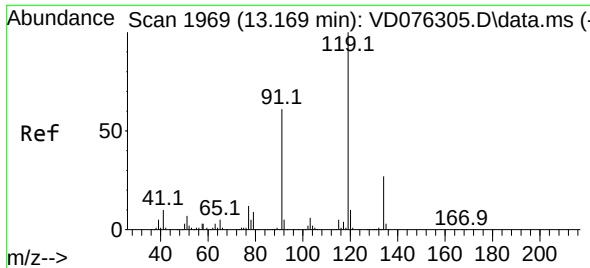
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 72628 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 73.2  | 63.0  | 94.4  |
| 89       | 43.2  | 37.9  | 56.9  |



#82  
4-Chlorotoluene  
Concen: 103.787 ug/l  
RT: 12.945 min Scan# 1931  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 821385 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 38.2  | 19.4  | 58.4   |

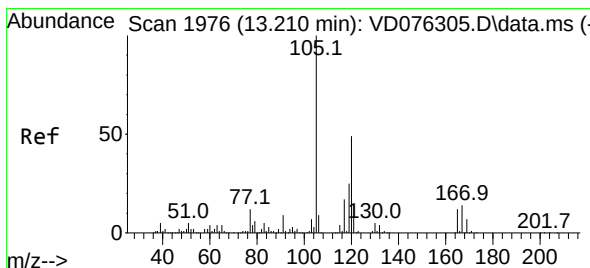
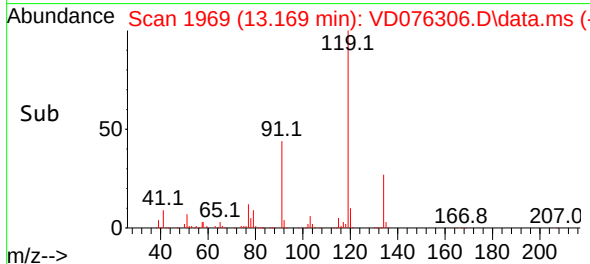
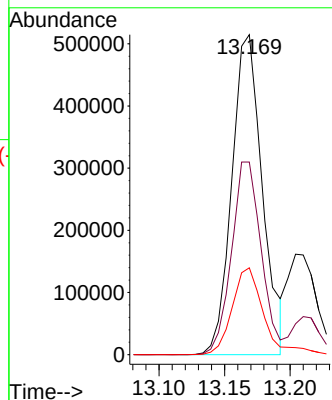
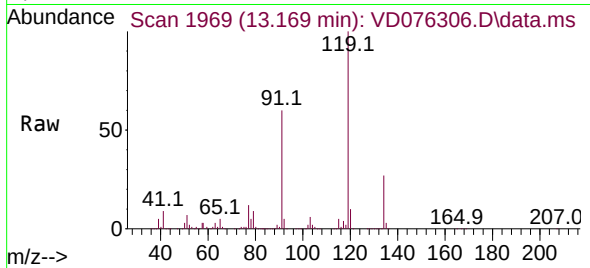




#83  
tert-Butylbenzene  
Concen: 111.197 ug/l  
RT: 13.169 min Scan# 1969  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

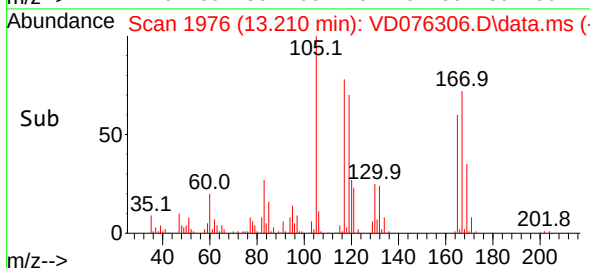
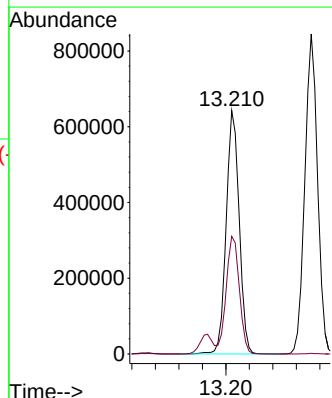
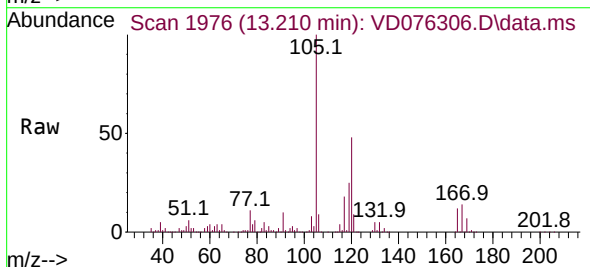
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

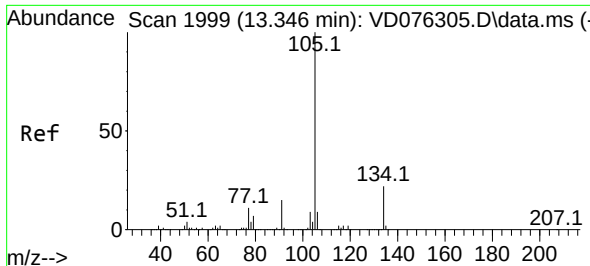
Tgt Ion:119 Resp: 833599  
Ion Ratio Lower Upper  
119 100  
91 58.6 29.3 87.8  
134 28.1 14.1 42.3



#84  
1,2,4-Trimethylbenzene  
Concen: 109.390 ug/l  
RT: 13.210 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion:105 Resp: 985209  
Ion Ratio Lower Upper  
105 100  
120 49.3 24.3 72.9

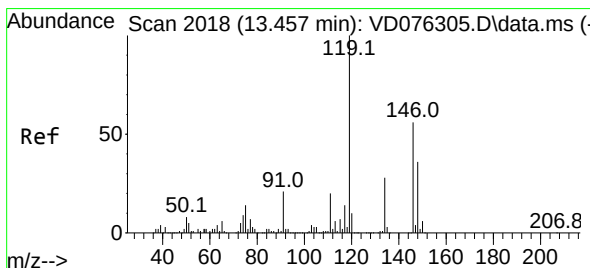
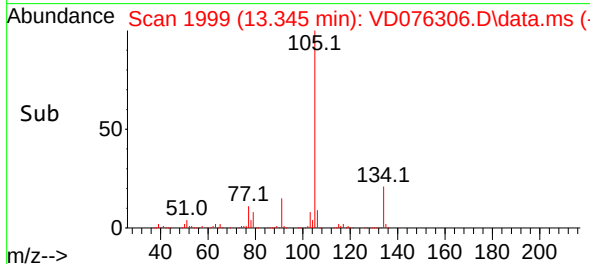
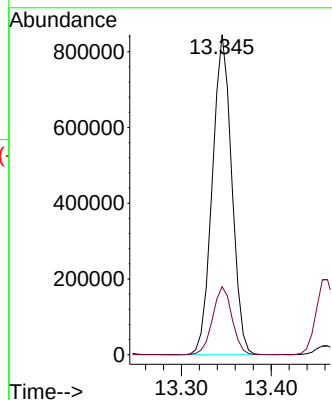
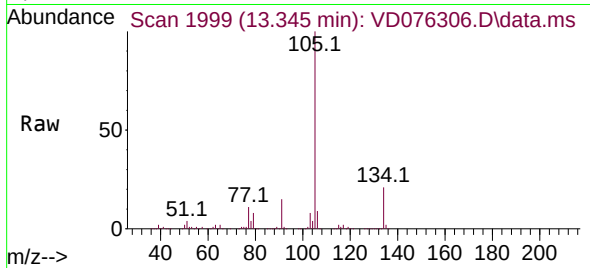




#85  
 sec-Butylbenzene  
 Concen: 111.164 ug/l  
 RT: 13.345 min Scan# 1999  
 Delta R.T. -0.000 min  
 Lab File: VD076306.D  
 Acq: 01 Jun 2023 19:40

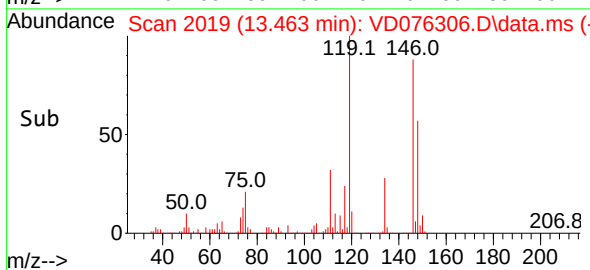
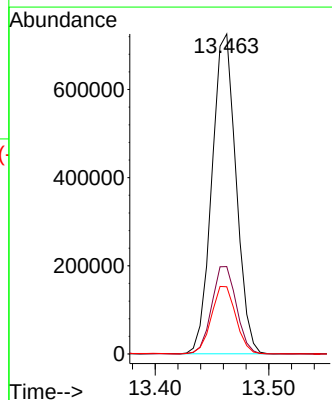
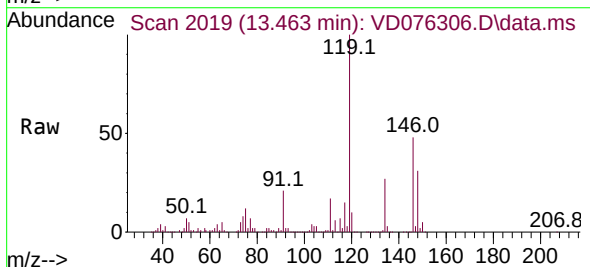
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC100

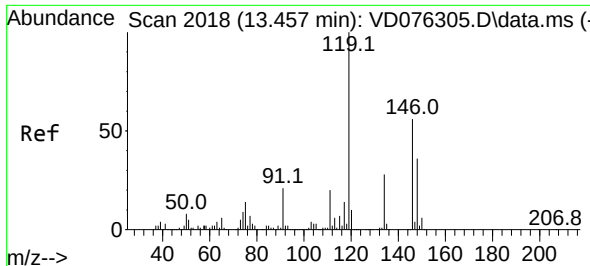
Tgt Ion:105 Resp: 1266461  
 Ion Ratio Lower Upper  
 105 100  
 134 21.3 10.9 32.9



#86  
 p-Isopropyltoluene  
 Concen: 112.623 ug/l  
 RT: 13.463 min Scan# 2019  
 Delta R.T. 0.006 min  
 Lab File: VD076306.D  
 Acq: 01 Jun 2023 19:40

Tgt Ion:119 Resp: 1073039  
 Ion Ratio Lower Upper  
 119 100  
 134 27.9 14.2 42.6  
 91 21.4 10.5 31.5

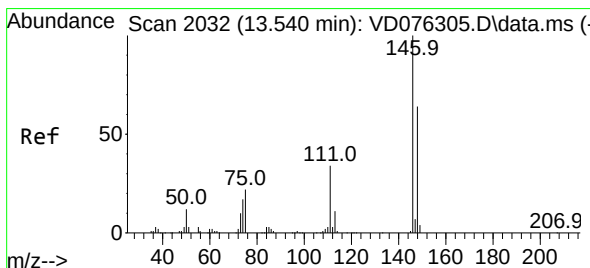
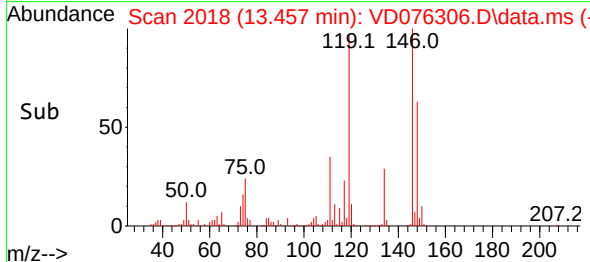
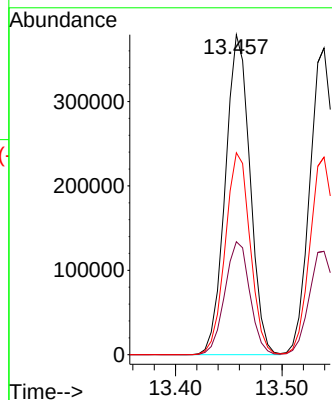
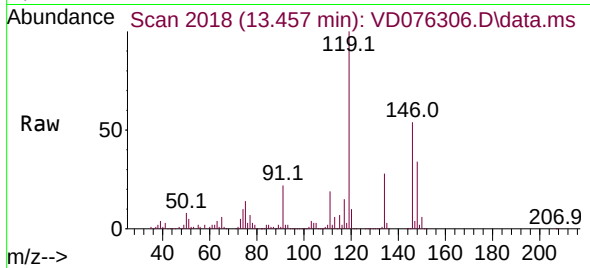




#87  
1,3-Dichlorobenzene  
Concen: 102.916 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

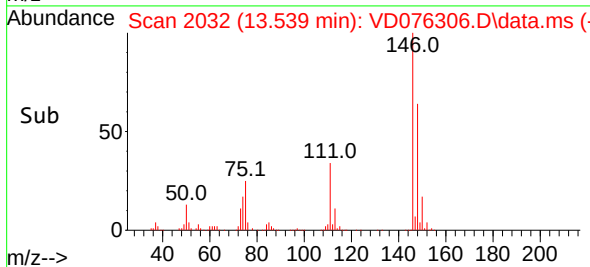
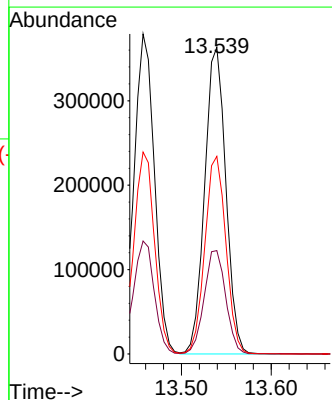
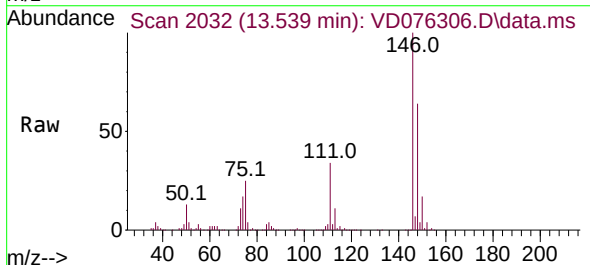
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

Tgt Ion:146 Resp: 610569  
Ion Ratio Lower Upper  
146 100  
111 35.7 17.9 53.8  
148 63.6 32.3 96.8

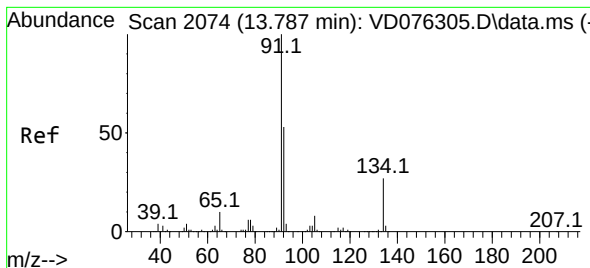


#88  
1,4-Dichlorobenzene  
Concen: 98.665 ug/l  
RT: 13.539 min Scan# 2032  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion:146 Resp: 594430  
Ion Ratio Lower Upper  
146 100  
111 34.5 17.4 52.3  
148 64.3 31.7 95.1







#89

n-Butylbenzene

Concen: 112.857 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076306.D

Acq: 01 Jun 2023 19:40

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC100

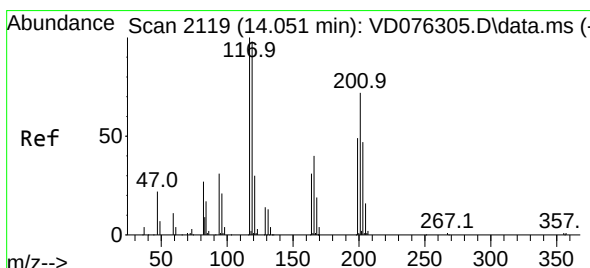
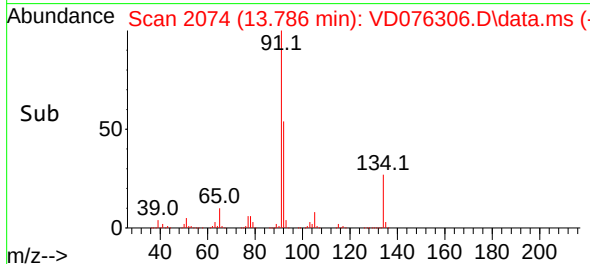
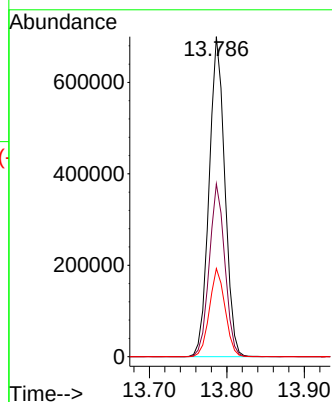
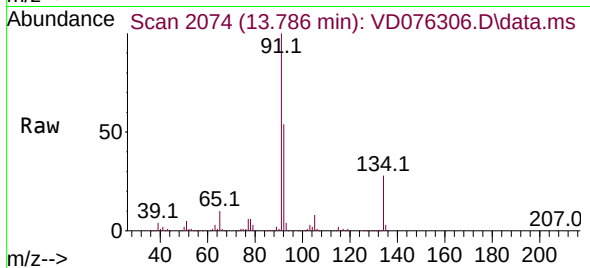
Tgt Ion: 91 Resp: 987570

Ion Ratio Lower Upper

91 100

92 53.4 26.5 79.5

134 27.4 13.8 41.3



#90

Hexachloroethane

Concen: 100.532 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD076306.D

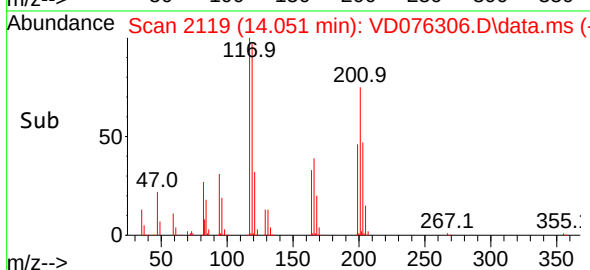
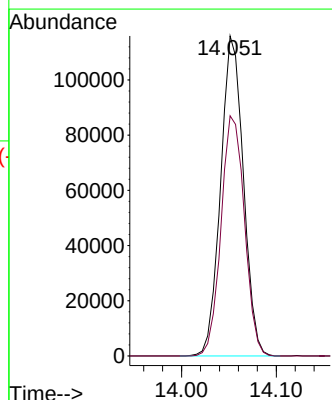
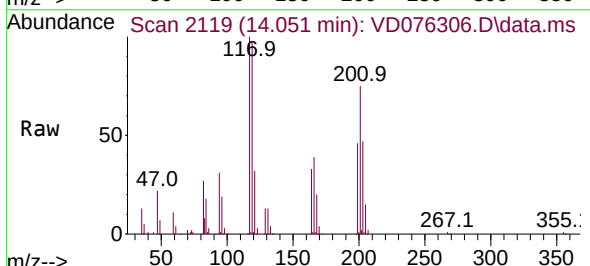
Acq: 01 Jun 2023 19:40

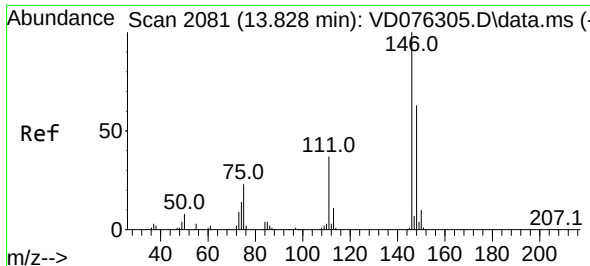
Tgt Ion: 117 Resp: 193699

Ion Ratio Lower Upper

117 100

201 77.0 38.5 115.5

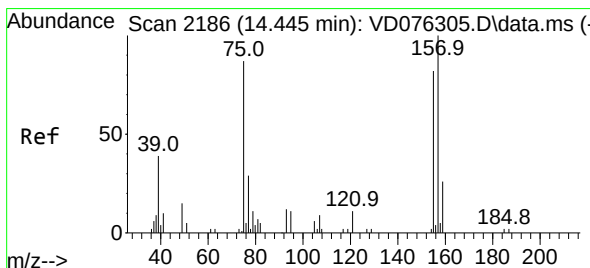
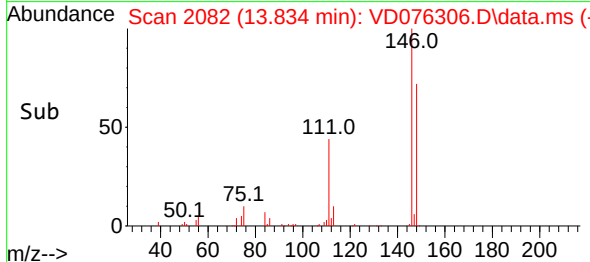
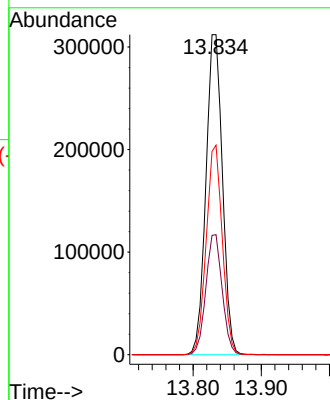
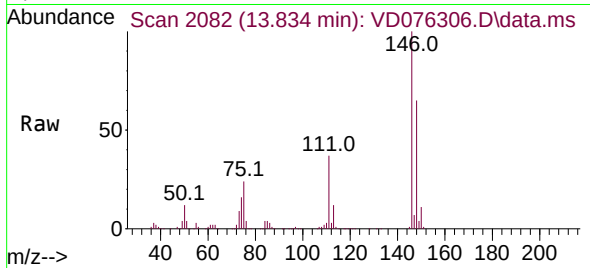




#91  
1,2-Dichlorobenzene  
Concen: 100.628 ug/l  
RT: 13.834 min Scan# 2081  
Delta R.T. 0.006 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

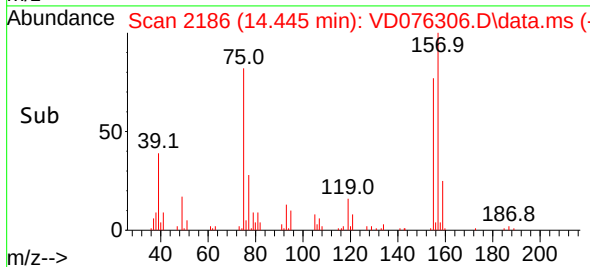
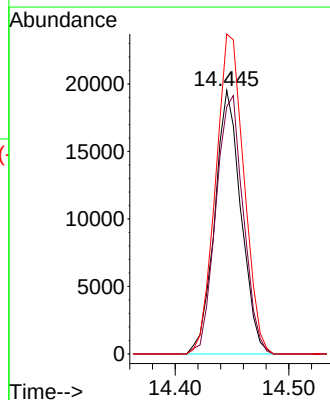
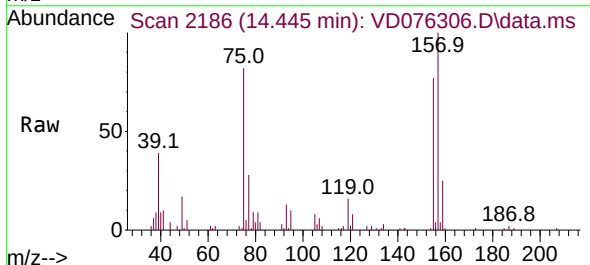
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC100

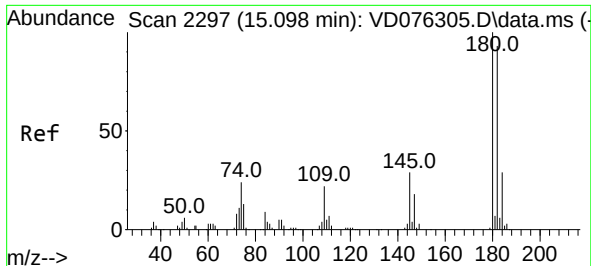
Tgt Ion:146 Resp: 525232  
Ion Ratio Lower Upper  
146 100  
111 37.3 18.3 54.8  
148 64.0 31.6 94.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 100.500 ug/l  
RT: 14.445 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion: 75 Resp: 31424  
Ion Ratio Lower Upper  
75 100  
155 101.9 47.9 143.8  
157 130.4 59.9 179.7

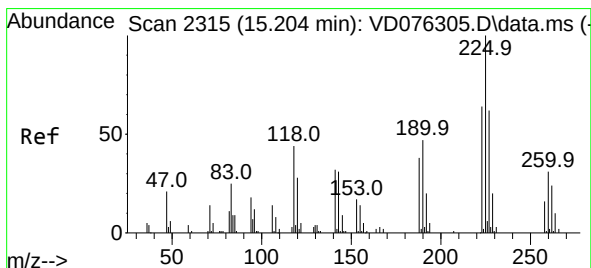
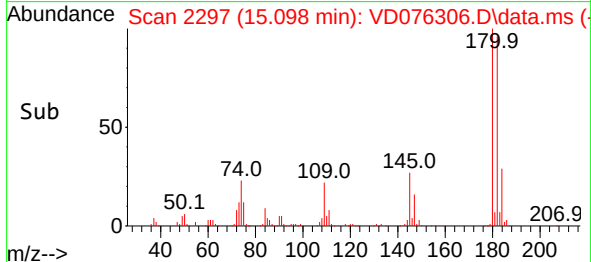
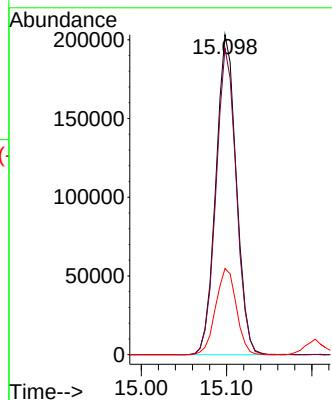
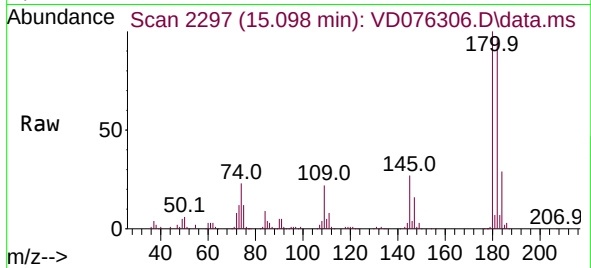




#93  
 1,2,4-Trichlorobenzene  
 Concen: 113.146 ug/l  
 RT: 15.098 min Scan# 2297  
 Delta R.T. -0.000 min  
 Lab File: VD076306.D  
 Acq: 01 Jun 2023 19:40

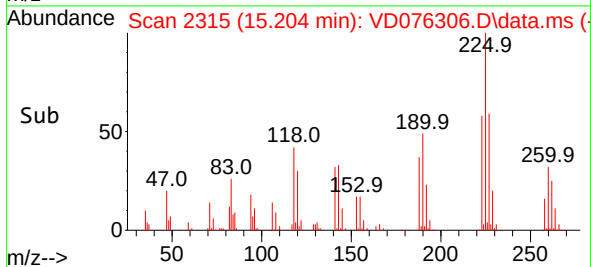
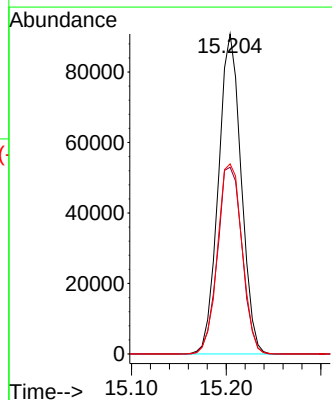
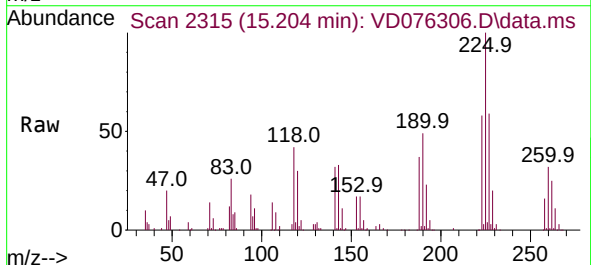
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC100

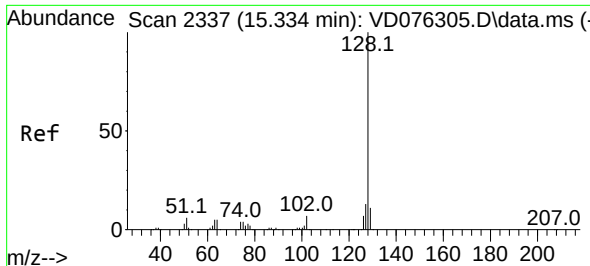
Tgt Ion:180 Resp: 337967  
 Ion Ratio Lower Upper  
 180 100  
 182 95.1 48.5 145.6  
 145 27.2 14.2 42.6



#94  
 Hexachlorobutadiene  
 Concen: 108.519 ug/l  
 RT: 15.204 min Scan# 2315  
 Delta R.T. -0.000 min  
 Lab File: VD076306.D  
 Acq: 01 Jun 2023 19:40

Tgt Ion:225 Resp: 151931  
 Ion Ratio Lower Upper  
 225 100  
 223 62.7 31.6 94.8  
 227 63.7 31.7 95.1

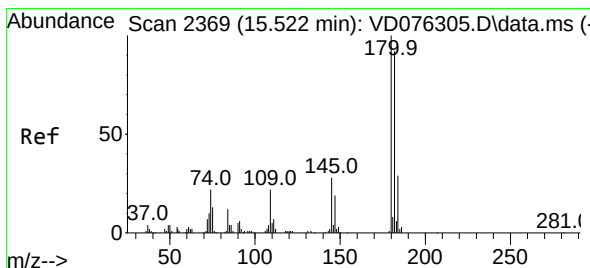
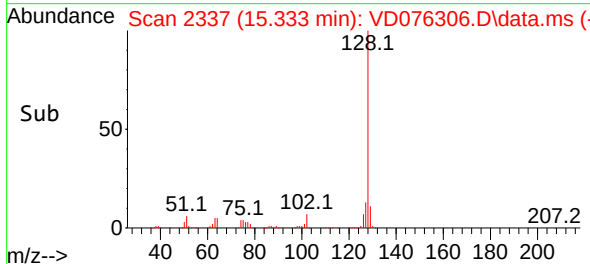
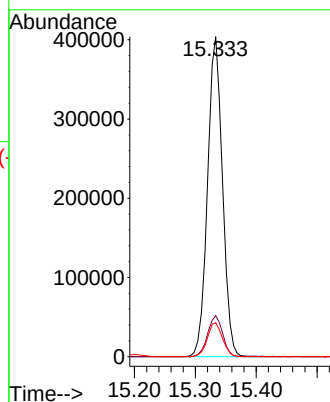
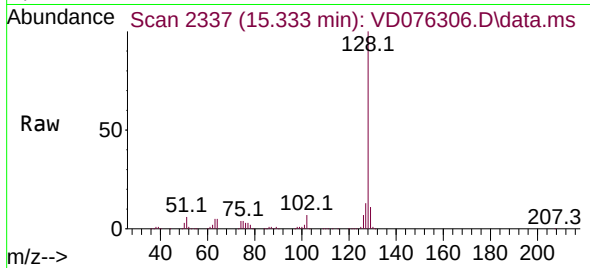




#95  
Naphthalene  
Concen: 99.526 ug/l  
RT: 15.333 min Scan# 2337  
Delta R.T. -0.001 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC100

Tgt Ion:128 Resp: 686947  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.5 15.7  
129 10.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 111.404 ug/l  
RT: 15.522 min Scan# 2369  
Delta R.T. -0.000 min  
Lab File: VD076306.D  
Acq: 01 Jun 2023 19:40

Tgt Ion:180 Resp: 305500  
Ion Ratio Lower Upper  
180 100  
182 95.4 47.3 141.9  
145 30.2 15.1 45.3

