

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050124\  
 Data File : VD078863.D  
 Acq On : 01 May 2024 17:37  
 Operator : RP/MD  
 Sample : VSTDICV050  
 Misc : 5.00G/5ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: May 02 07:59:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050124S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 02 07:55:11 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.875  | 168  | 138103   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.775  | 114  | 234306   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.581 | 117  | 221181   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.516 | 152  | 115235   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.234  | 65    | 71182    | 46.437   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 92.880% |
| 35) Dibromofluoromethane    | 7.799  | 113   | 83488    | 48.529   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 97.060% |
| 50) Toluene-d8              | 10.269 | 98    | 317026   | 48.019   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 96.040% |
| 62) 4-Bromofluorobenzene    | 12.569 | 95    | 92046    | 48.714   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 97.420% |

|                              |       |     |        |         |        |    |
|------------------------------|-------|-----|--------|---------|--------|----|
| Target Compounds             |       |     |        |         | Qvalue |    |
| 2) Dichlorodifluoromethane   | 1.934 | 85  | 68829  | 44.088  | ug/l   | 99 |
| 3) Chloromethane             | 2.146 | 50  | 117639 | 50.701  | ug/l   | 96 |
| 4) Vinyl Chloride            | 2.281 | 62  | 183524 | 54.488  | ug/l   | 95 |
| 5) Bromomethane              | 2.687 | 94  | 151083 | 44.954  | ug/l   | 98 |
| 6) Chloroethane              | 2.834 | 64  | 142595 | 51.392  | ug/l   | 98 |
| 7) Trichlorofluoromethane    | 3.170 | 101 | 124962 | 45.587  | ug/l   | 95 |
| 8) Diethyl Ether             | 3.587 | 74  | 37314  | 49.923  | ug/l   | 90 |
| 9) 1,1,2-Trichlorotrifluo... | 3.964 | 101 | 76842  | 46.659  | ug/l   | 99 |
| 10) Methyl Iodide            | 4.164 | 142 | 103455 | 52.544  | ug/l   | 99 |
| 11) Tert butyl alcohol       | 5.052 | 59  | 16938  | 241.227 | ug/l   | 99 |
| 12) 1,1-Dichloroethene       | 3.940 | 96  | 79002  | 48.382  | ug/l   | 95 |
| 13) Acrolein                 | 3.793 | 56  | 33464  | 246.757 | ug/l   | 99 |
| 14) Allyl chloride           | 4.558 | 41  | 85289  | 52.034  | ug/l   | 99 |
| 15) Acrylonitrile            | 5.252 | 53  | 74895  | 251.719 | ug/l   | 97 |
| 16) Acetone                  | 4.022 | 43  | 53229  | 232.863 | ug/l   | 98 |
| 17) Carbon Disulfide         | 4.264 | 76  | 253221 | 46.894  | ug/l   | 98 |
| 18) Methyl Acetate           | 4.558 | 43  | 27645  | 48.786  | ug/l   | 96 |
| 19) Methyl tert-butyl Ether  | 5.317 | 73  | 168420 | 54.501  | ug/l   | 98 |
| 20) Methylene Chloride       | 4.799 | 84  | 93732  | 43.483  | ug/l   | 97 |
| 21) trans-1,2-Dichloroethene | 5.305 | 96  | 90814  | 49.598  | ug/l   | 89 |
| 22) Diisopropyl ether        | 6.211 | 45  | 196638 | 54.253  | ug/l   | 98 |
| 23) Vinyl Acetate            | 6.152 | 43  | 597153 | 273.286 | ug/l   | 98 |
| 24) 1,1-Dichloroethane       | 6.111 | 63  | 140129 | 48.022  | ug/l   | 99 |
| 25) 2-Butanone               | 7.081 | 43  | 82984  | 258.862 | ug/l   | 92 |
| 26) 2,2-Dichloropropane      | 7.075 | 77  | 119497 | 48.533  | ug/l   | 98 |
| 27) cis-1,2-Dichloroethene   | 7.075 | 96  | 107080 | 51.200  | ug/l   | 97 |
| 28) Bromochloromethane       | 7.422 | 49  | 55489  | 50.544  | ug/l # | 95 |
| 29) Tetrahydrofuran          | 7.440 | 42  | 51261  | 273.275 | ug/l   | 94 |
| 30) Chloroform               | 7.593 | 83  | 155997 | 47.907  | ug/l   | 97 |
| 31) Cyclohexane              | 7.875 | 56  | 102016 | 44.827  | ug/l   | 95 |
| 32) 1,1,1-Trichloroethane    | 7.793 | 97  | 134443 | 48.953  | ug/l   | 99 |
| 36) 1,1-Dichloropropene      | 8.005 | 75  | 107859 | 48.743  | ug/l   | 99 |
| 37) Ethyl Acetate            | 7.169 | 43  | 36926  | 50.452  | ug/l   | 99 |
| 38) Carbon Tetrachloride     | 7.987 | 117 | 119963 | 47.097  | ug/l   | 99 |
| 39) Methylcyclohexane        | 9.275 | 83  | 134434 | 49.305  | ug/l   | 92 |
| 40) Benzene                  | 8.252 | 78  | 352979 | 48.709  | ug/l   | 97 |

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 Operator : RP/MD  
 Sample : VSTDICV050  
 Misc : 5.00G/5ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: May 02 07:59:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050124S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 02 07:55:11 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.411  | 41   | 22879    | 63.301   | ug/l   | 89       |
| 42) 1,2-Dichloroethane        | 8.328  | 62   | 83256    | 48.665   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.363  | 43   | 70807    | 52.889   | ug/l   | 99       |
| 44) Trichloroethene           | 9.028  | 130  | 88964    | 48.736   | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.305  | 63   | 76340    | 48.036   | ug/l   | 98       |
| 46) Dibromomethane            | 9.393  | 93   | 49816    | 49.237   | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.581  | 83   | 123055   | 49.118   | ug/l   | 92       |
| 48) Methyl methacrylate       | 9.381  | 41   | 31747    | 50.591   | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.387  | 88   | 10359    | 1121.968 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 188101   | 262.378  | ug/l   | 98       |
| 52) Toluene                   | 10.334 | 92   | 228480   | 50.196   | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.552 | 75   | 107389   | 51.121   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 131024   | 51.641   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.734 | 97   | 64007    | 48.774   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.593 | 69   | 75478    | 55.976   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.875 | 76   | 103193   | 49.726   | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 162801   | 276.504  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.916 | 43   | 130381   | 256.853  | ug/l   | 95       |
| 60) Dibromochloromethane      | 11.069 | 129  | 87895    | 49.415   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.175 | 107  | 62656    | 51.482   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.810 | 164  | 77312    | 51.246   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.604 | 112  | 255574   | 50.349   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 87047    | 49.038   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.681 | 91   | 425314   | 51.225   | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.793 | 106  | 355357   | 105.705  | ug/l   | 97       |
| 69) o-Xylene                  | 12.122 | 106  | 162479   | 52.865   | ug/l   | 100      |
| 70) Styrene                   | 12.134 | 104  | 291424   | 53.926   | ug/l   | 98       |
| 71) Bromoform                 | 12.299 | 173  | 50188    | 52.220   | ug/l # | 96       |
| 73) Isopropylbenzene          | 12.416 | 105  | 404412   | 52.064   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.234 | 43   | 69688    | 53.934   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 72002    | 49.474   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.722 | 75   | 86428    | 90.152   | ug/l # | 100      |
| 77) Bromobenzene              | 12.698 | 156  | 100071   | 50.144   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.763 | 91   | 486983   | 51.732   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.846 | 91   | 270752   | 51.531   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 337377   | 52.305   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.469 | 75   | 24909    | 50.765   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.946 | 91   | 282098   | 50.346   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.163 | 119  | 295358   | 53.199   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 348981   | 52.858   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.345 | 105  | 433204   | 51.383   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.457 | 119  | 385156   | 52.715   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 213278   | 51.030   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.534 | 146  | 204155   | 49.345   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.787 | 91   | 342642   | 52.603   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.051 | 117  | 74749    | 47.819   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.828 | 146  | 180693   | 50.516   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 9667     | 48.789   | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 108111   | 54.406   | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.204 | 225  | 52344    | 51.421   | ug/l   | 97       |
| 95) Naphthalene               | 15.328 | 128  | 200311   | 55.952   | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.516 | 180  | 94802    | 53.853   | ug/l   | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050124\  
Data File : VD078863.D  
Acq On : 01 May 2024 17:37  
Operator : RP/MD  
Sample : VSTDICV050  
Misc : 5.00G/5ml/MSVOA\_D/SOIL  
ALS Vial : 11 Sample Multiplier: 1

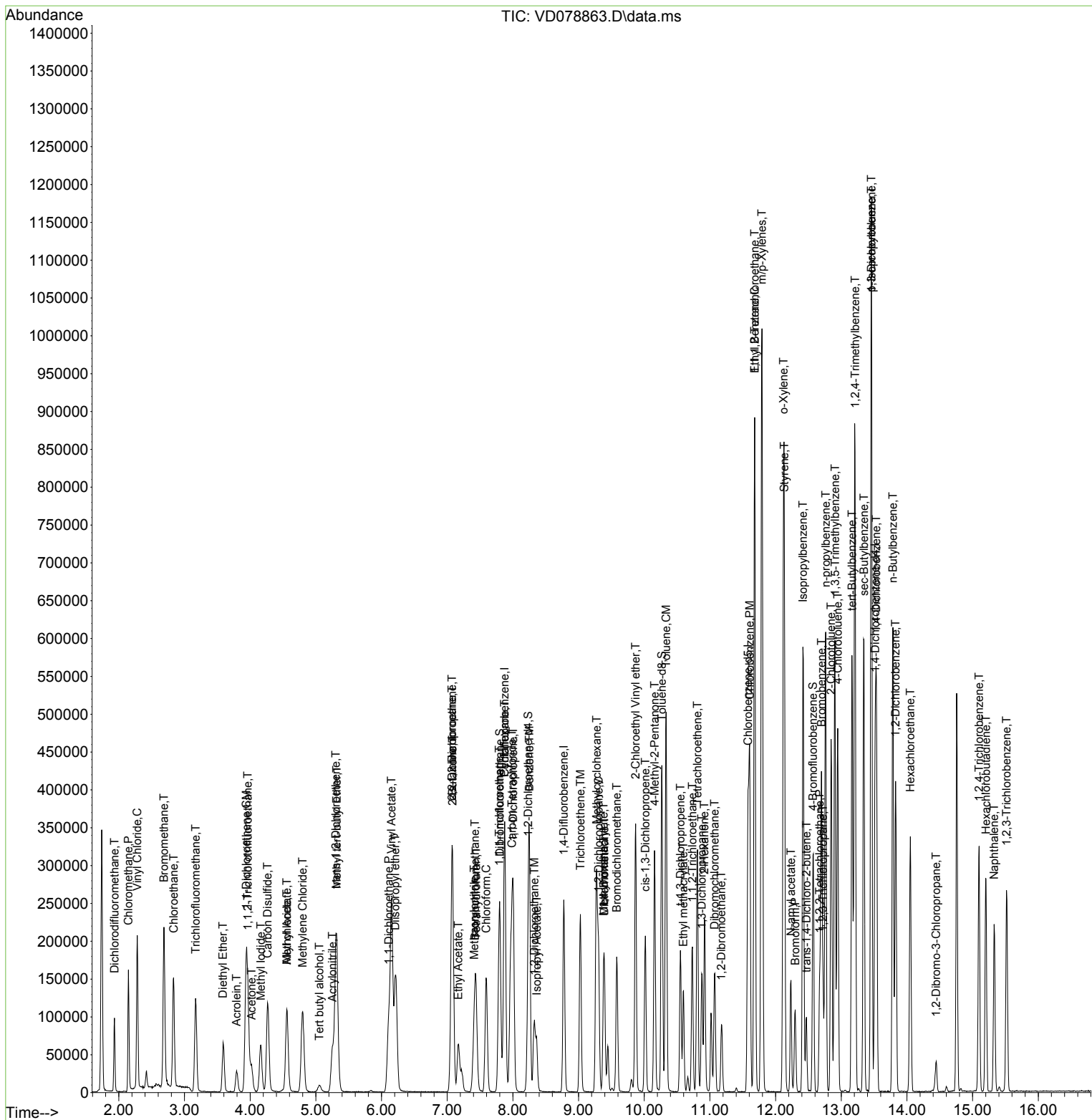
Instrument :  
MSVOA\_D  
ClientSampleId :

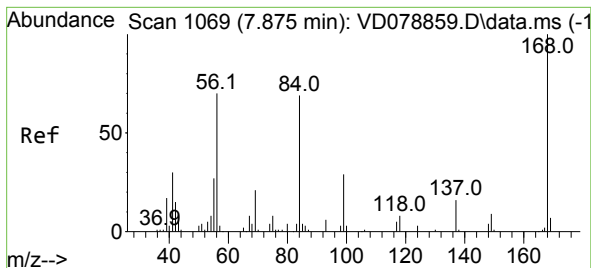
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050124S.M  
Quant Title : SW846 8260  
QLast Update : Thu May 02 07:55:11 2024  
Response via : Initial Calibration

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

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

Quant Time: May 02 07:59:42 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050124S.M  
Quant Title : SW846 8260  
QLast Update : Thu May 02 07:55:11 2024  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

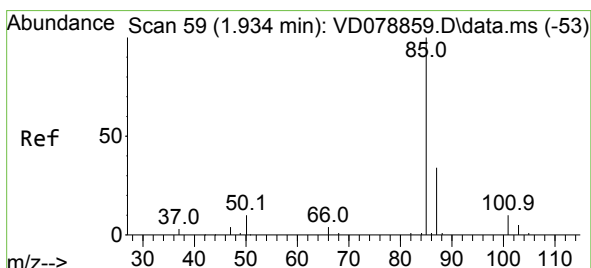
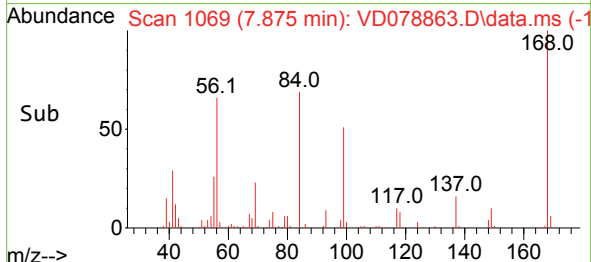
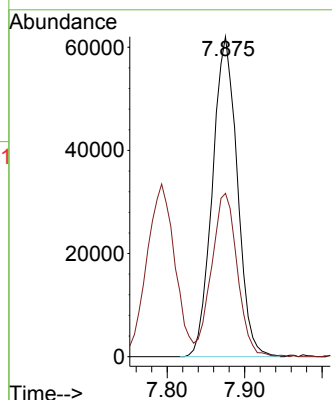
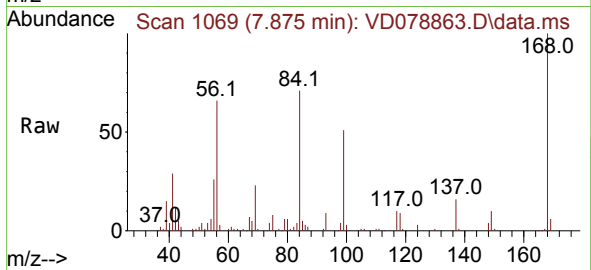
ClientSampleId :

Tgt Ion:168 Resp: 138103

Ion Ratio Lower Upper

168 100

99 50.6 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 44.088 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078863.D

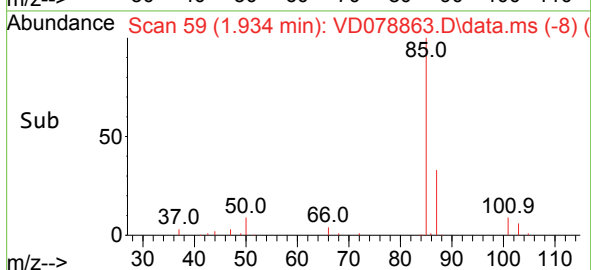
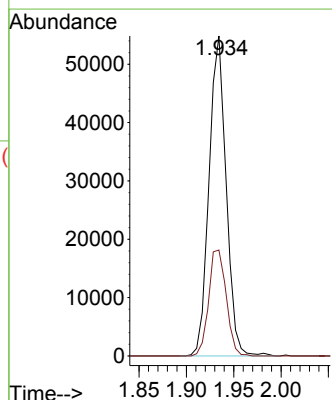
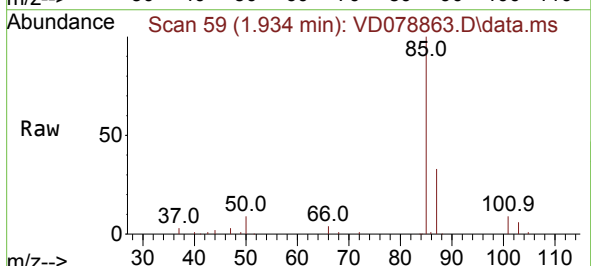
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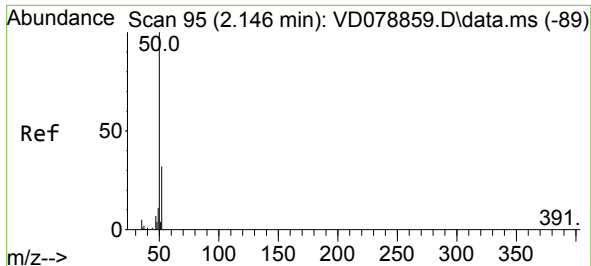
Tgt Ion: 85 Resp: 68829

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.5

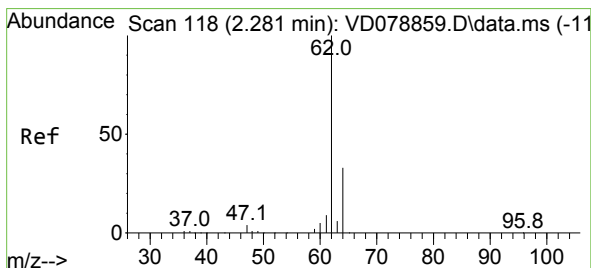
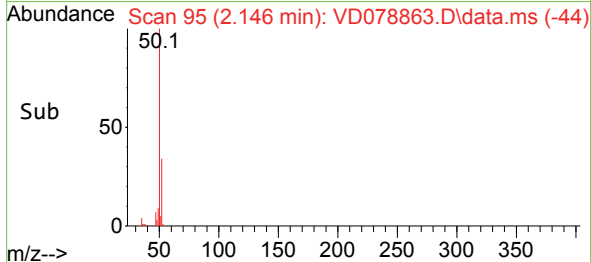
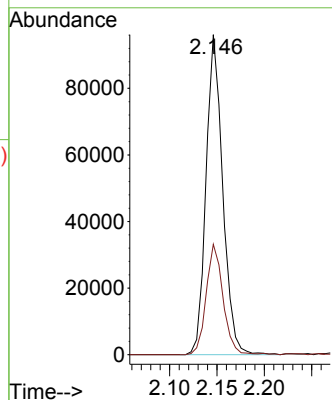
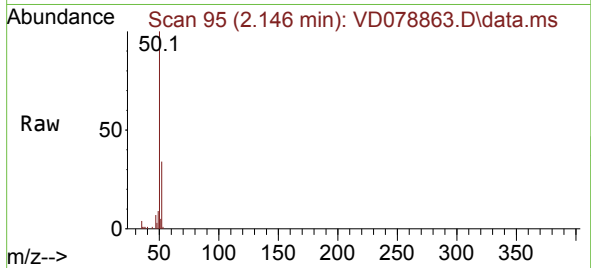




#3  
Chloromethane  
Concen: 50.701 ug/l  
RT: 2.146 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

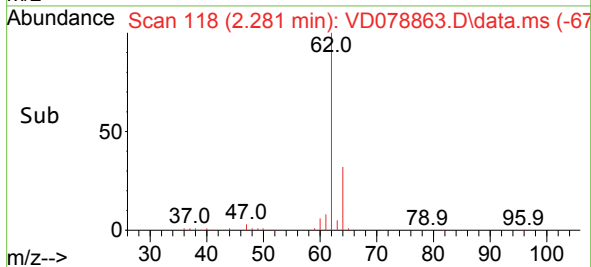
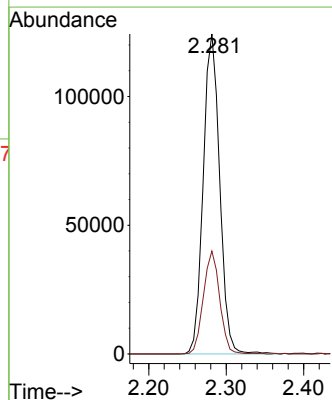
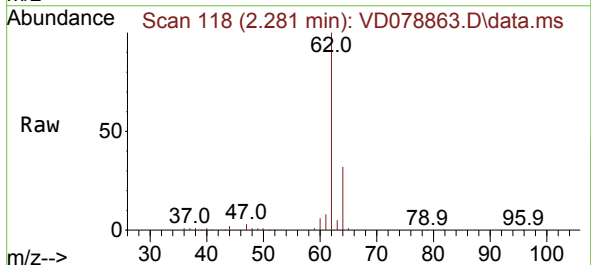
Instrument :  
MSVOA\_D  
ClientSampleId :

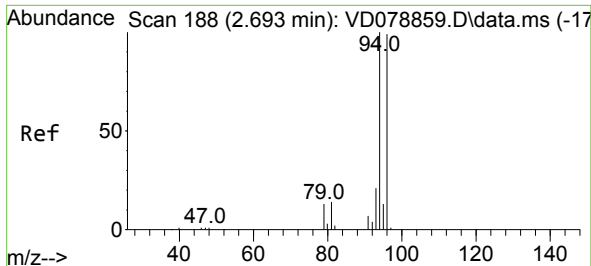
Tgt Ion: 50 Resp: 117639  
Ion Ratio Lower Upper  
50 100  
52 34.5 25.6 38.4



#4  
Vinyl Chloride  
Concen: 54.488 ug/l  
RT: 2.281 min Scan# 118  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Tgt Ion: 62 Resp: 183524  
Ion Ratio Lower Upper  
62 100  
64 32.2 23.7 35.5

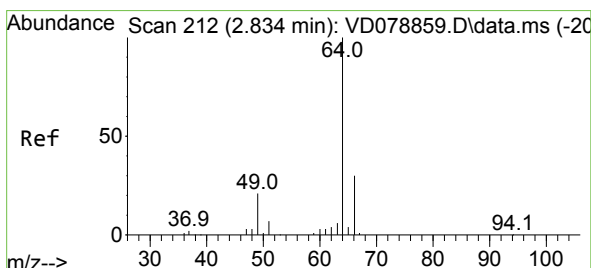
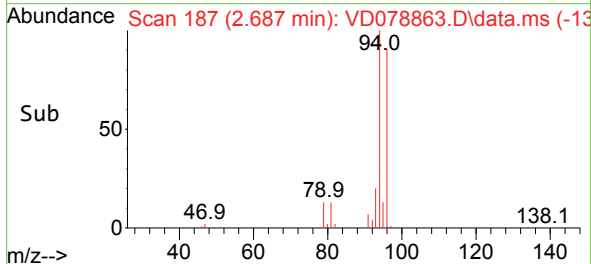
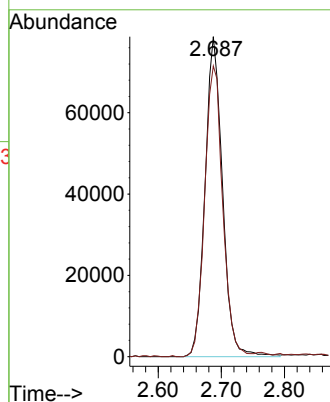
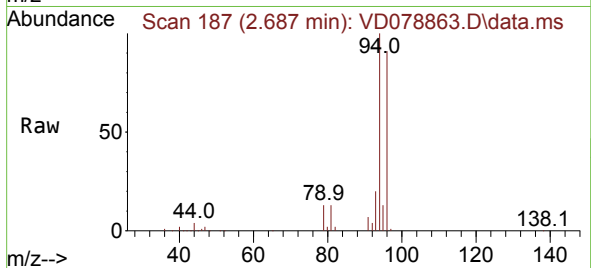




#5  
Bromomethane  
Concen: 44.954 ug/l  
RT: 2.687 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

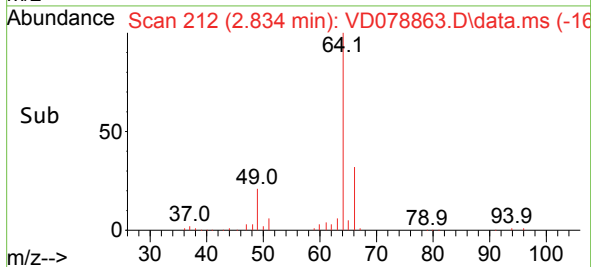
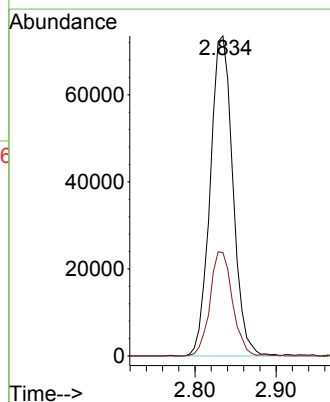
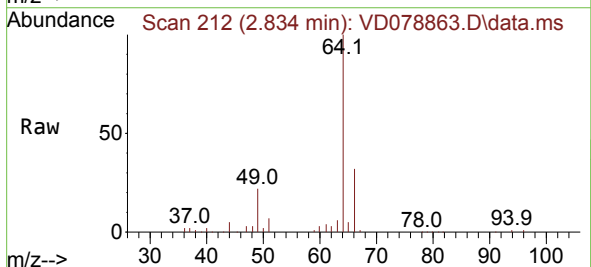
Instrument :  
MSVOA\_D  
ClientSampleId :

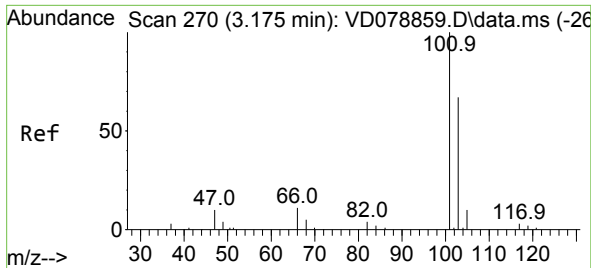
Tgt Ion: 94 Resp: 151083  
Ion Ratio Lower Upper  
94 100  
96 93.9 73.5 110.3



#6  
Chloroethane  
Concen: 51.392 ug/l  
RT: 2.834 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Tgt Ion: 64 Resp: 142595  
Ion Ratio Lower Upper  
64 100  
66 32.3 26.8 40.2

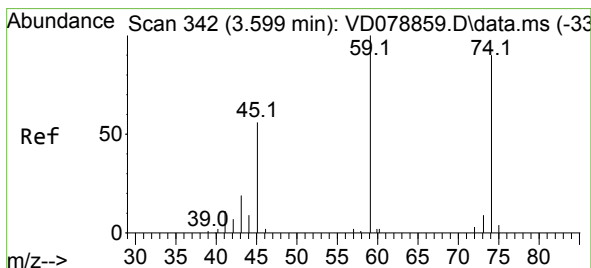
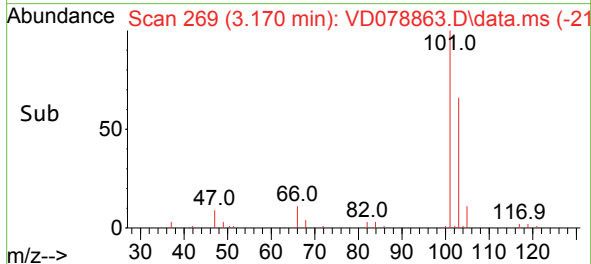
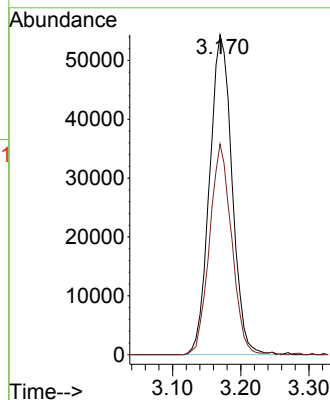
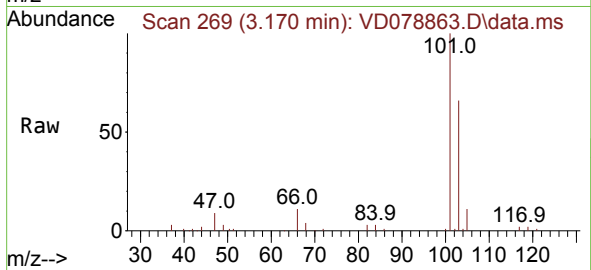




#7  
Trichlorofluoromethane  
Concen: 45.587 ug/l  
RT: 3.170 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

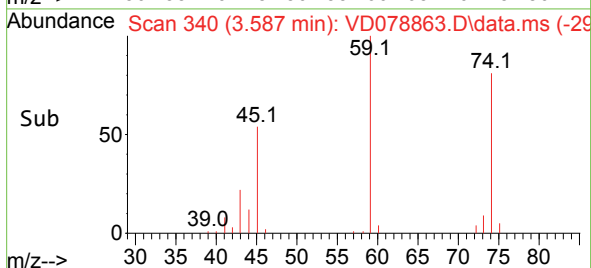
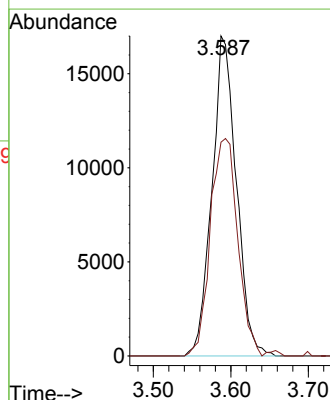
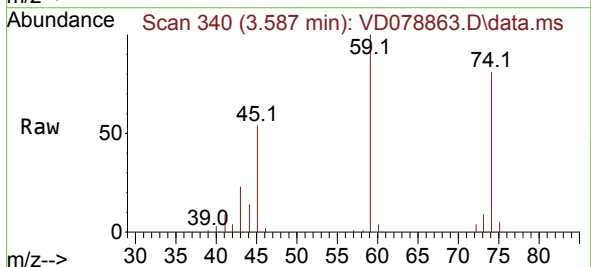
Instrument :  
MSVOA\_D  
ClientSampleId :

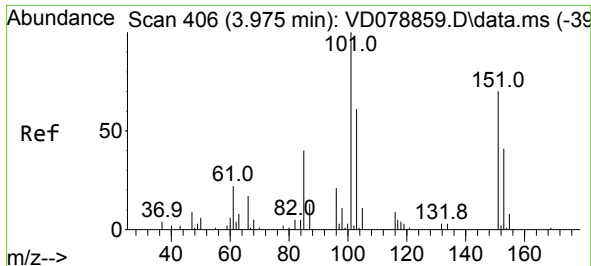
Tgt Ion:101 Resp: 124962  
Ion Ratio Lower Upper  
101 100  
103 65.9 49.7 74.5



#8  
Diethyl Ether  
Concen: 49.923 ug/l  
RT: 3.587 min Scan# 340  
Delta R.T. -0.012 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

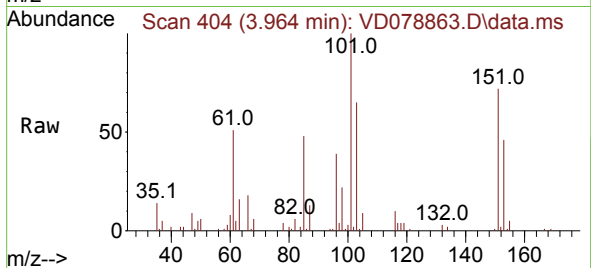
Tgt Ion: 74 Resp: 37314  
Ion Ratio Lower Upper  
74 100  
45 76.2 42.4 127.3



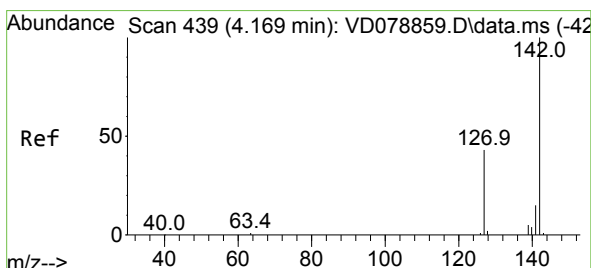
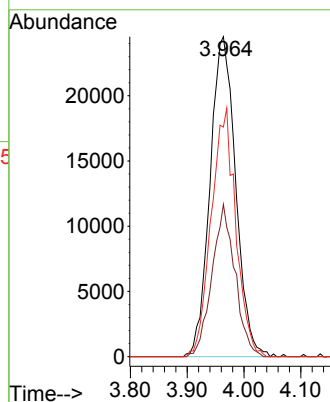
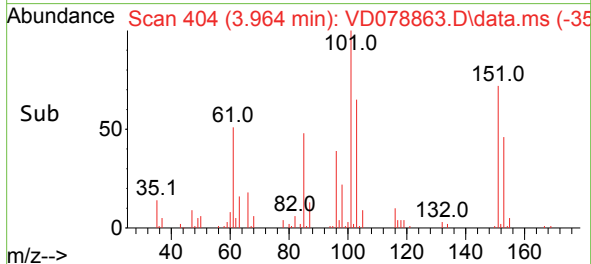


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.659 ug/l  
RT: 3.964 min Scan# 406  
Delta R.T. -0.012 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

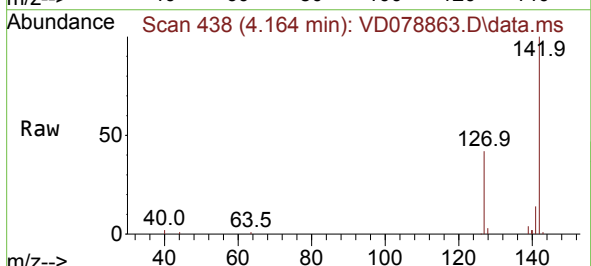
Instrument :  
MSVOA\_D  
ClientSampleId :



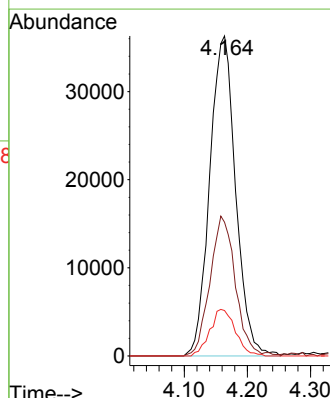
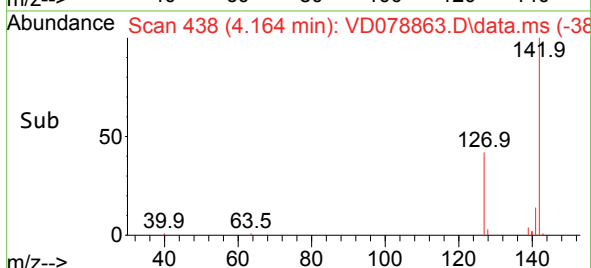
Tgt Ion:101 Resp: 76842  
Ion Ratio Lower Upper  
101 100  
85 42.8 35.8 53.6  
151 74.2 59.4 89.2

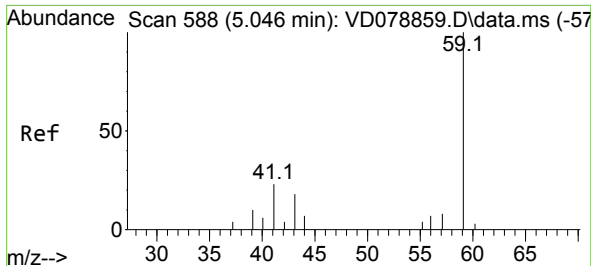


#10  
Methyl Iodide  
Concen: 52.544 ug/l  
RT: 4.164 min Scan# 438  
Delta R.T. -0.005 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37



Tgt Ion:142 Resp: 103455  
Ion Ratio Lower Upper  
142 100  
127 42.9 33.5 50.3  
141 14.3 11.7 17.5





#11

Tert butyl alcohol

Concen: 241.227 ug/l

RT: 5.052 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

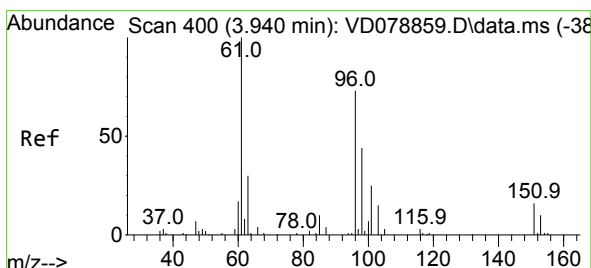
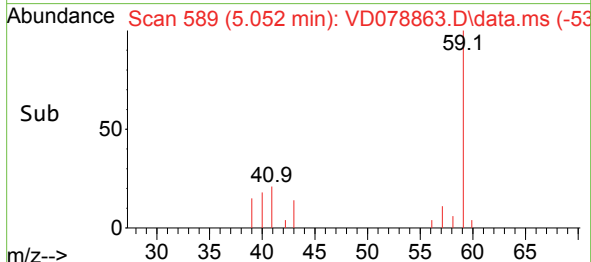
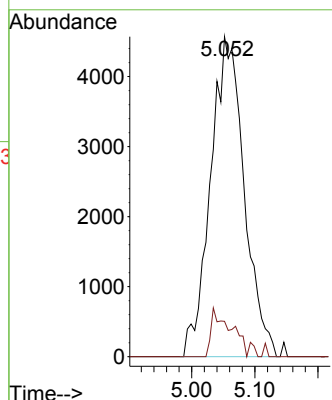
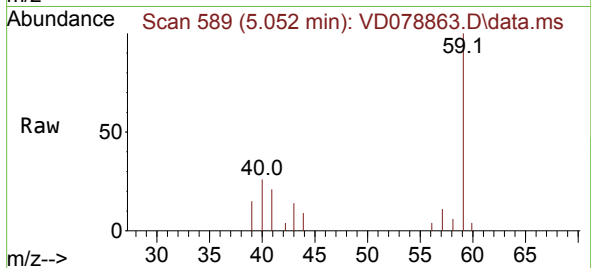
ClientSampleId :

Tgt Ion: 59 Resp: 16938

Ion Ratio Lower Upper

59 100

57 8.8 7.4 11.0



#12

1,1-Dichloroethene

Concen: 48.382 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

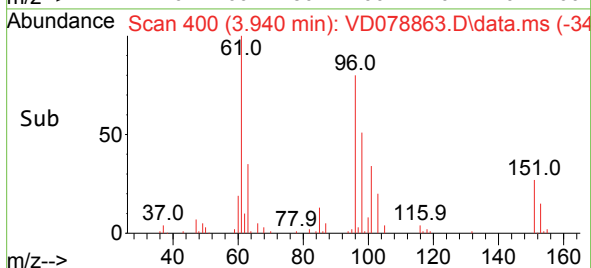
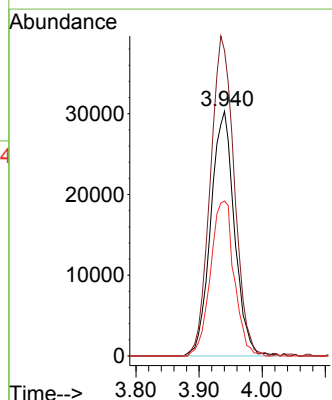
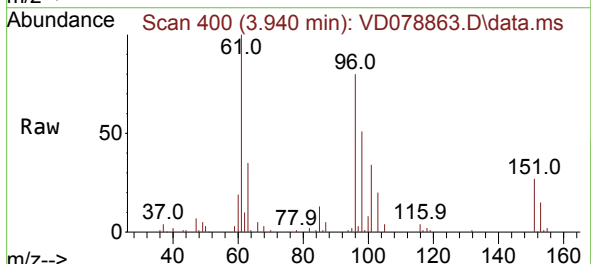
Tgt Ion: 96 Resp: 79002

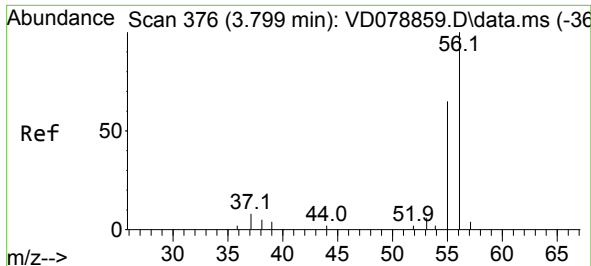
Ion Ratio Lower Upper

96 100

61 124.8 101.4 152.0

98 63.3 43.4 65.0





#13

Acrolein

Concen: 246.757 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

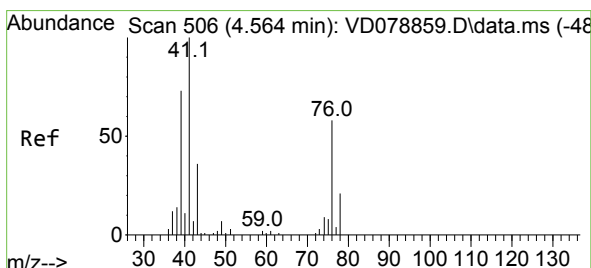
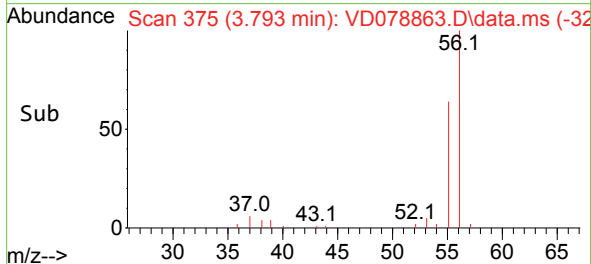
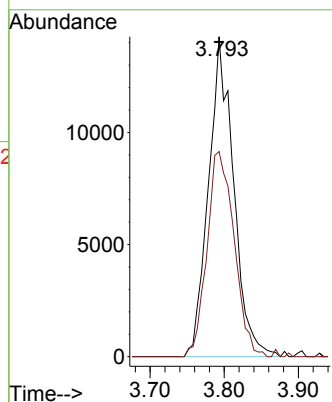
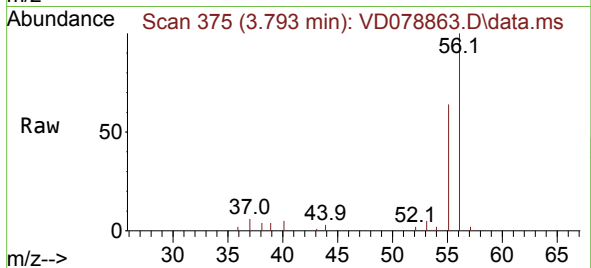
ClientSampleId :

Tgt Ion: 56 Resp: 33464

Ion Ratio Lower Upper

56 100

55 69.4 54.9 82.3



#14

Allyl chloride

Concen: 52.034 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

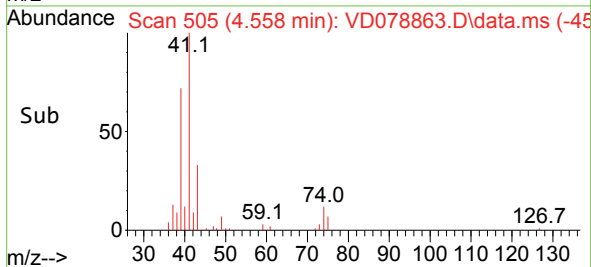
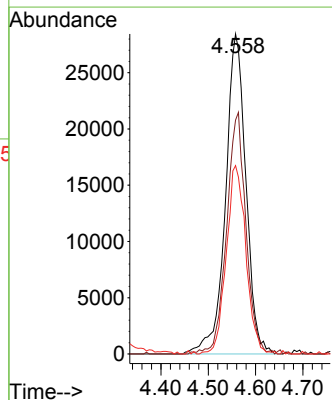
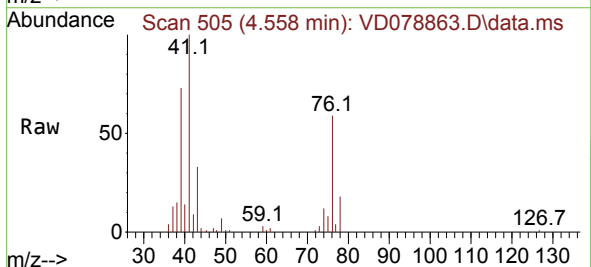
Tgt Ion: 41 Resp: 85289

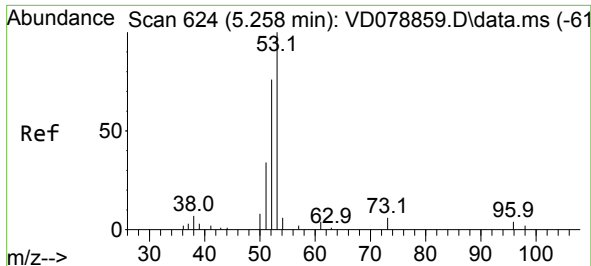
Ion Ratio Lower Upper

41 100

39 71.4 57.8 86.6

76 56.6 44.8 67.2





#15

Acrylonitrile

Concen: 251.719 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.006 min

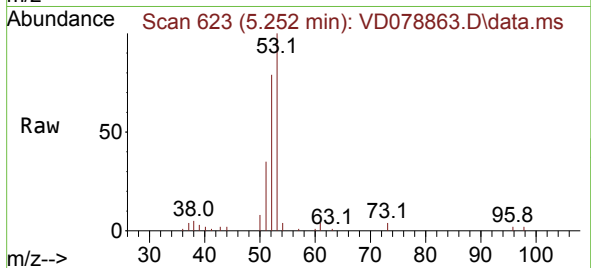
Lab File: VD078863.D

Acq: 01 May 2024 17:37

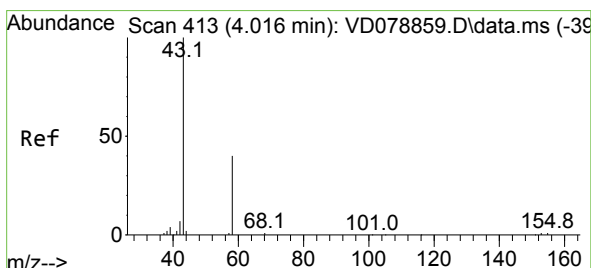
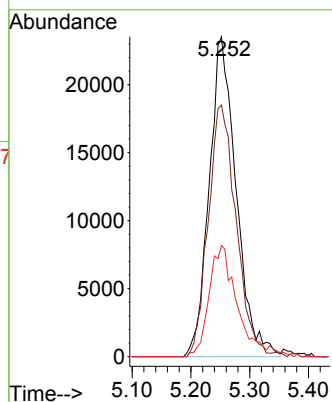
Instrument :

MSVOA\_D

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 74895 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 81.1  | 61.9  | 92.9  |
| 51       | 35.3  | 29.0  | 43.4  |



#16

Acetone

Concen: 232.863 ug/l

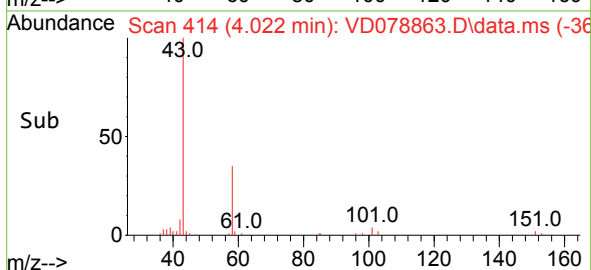
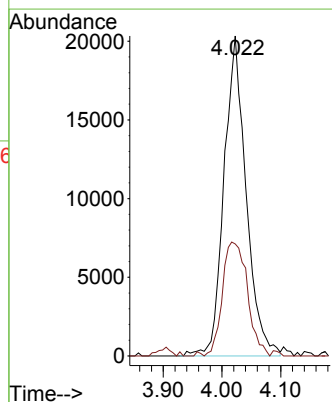
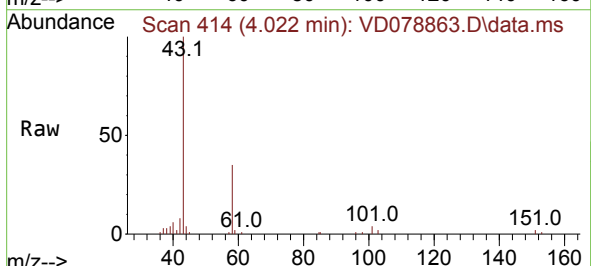
RT: 4.022 min Scan# 414

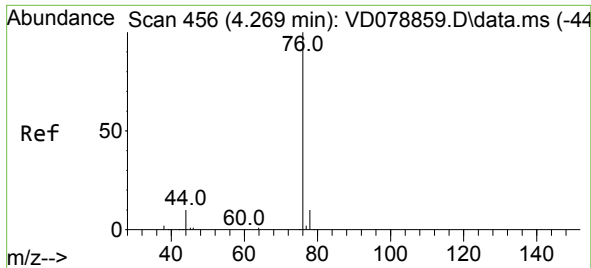
Delta R.T. 0.006 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 53229 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 34.1  | 28.2  | 42.4  |

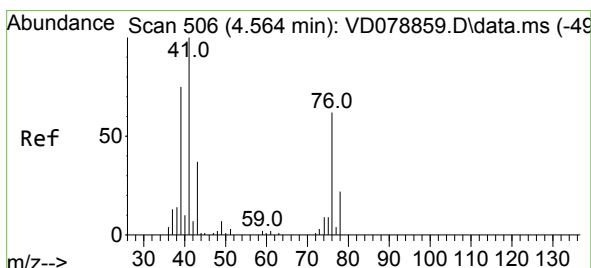
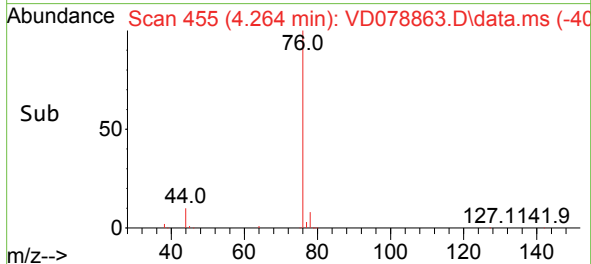
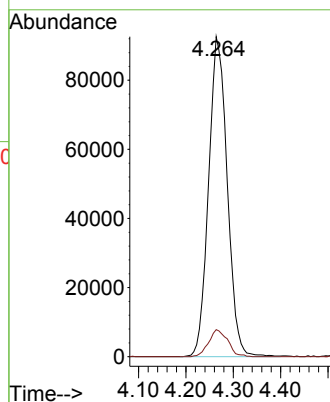
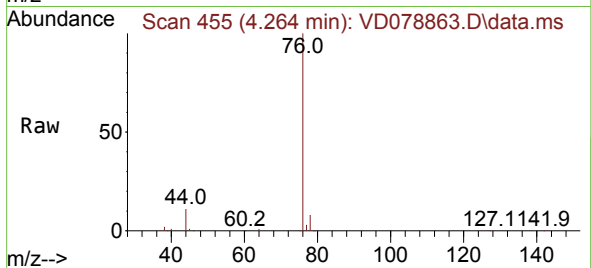




#17  
Carbon Disulfide  
Concen: 46.894 ug/l  
RT: 4.264 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

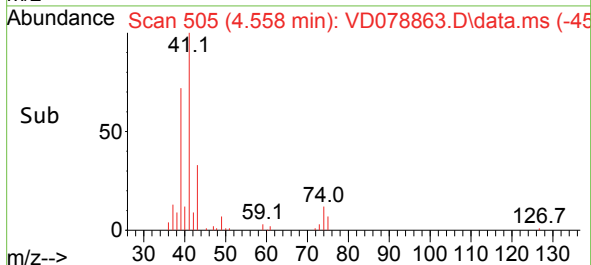
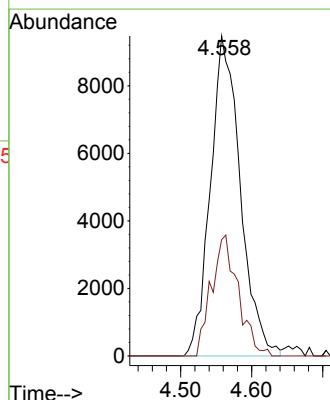
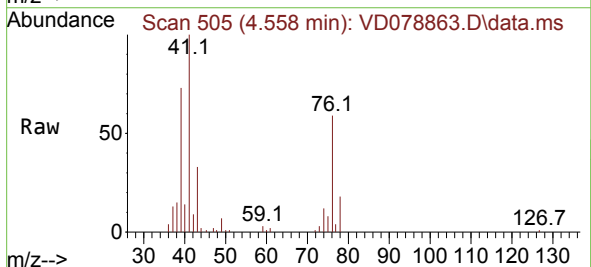
Instrument :  
MSVOA\_D  
ClientSampleId :

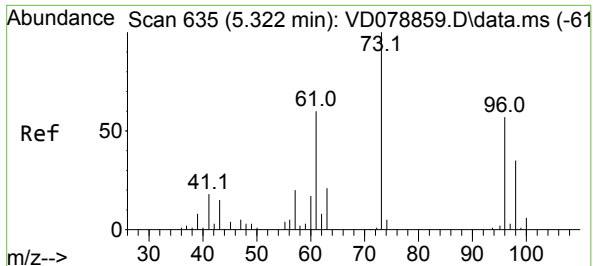
Tgt Ion: 76 Resp: 253221  
Ion Ratio Lower Upper  
76 100  
78 8.4 7.3 10.9



#18  
Methyl Acetate  
Concen: 48.786 ug/l  
RT: 4.558 min Scan# 505  
Delta R.T. -0.006 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Tgt Ion: 43 Resp: 27645  
Ion Ratio Lower Upper  
43 100  
74 33.8 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 54.501 ug/l

RT: 5.317 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

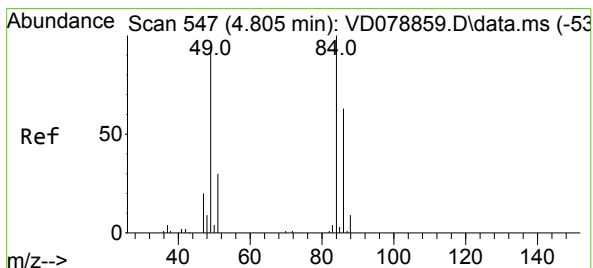
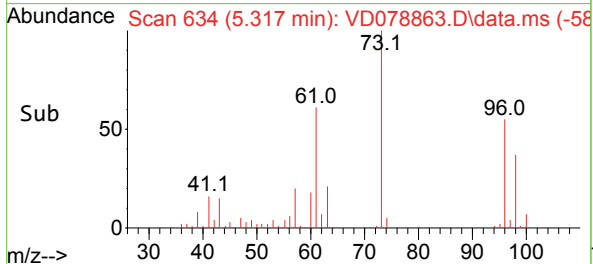
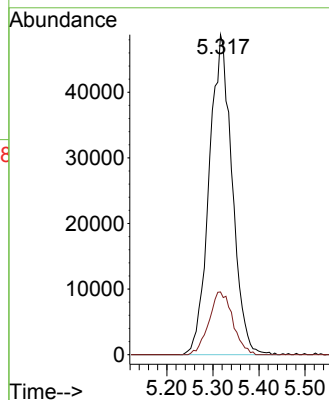
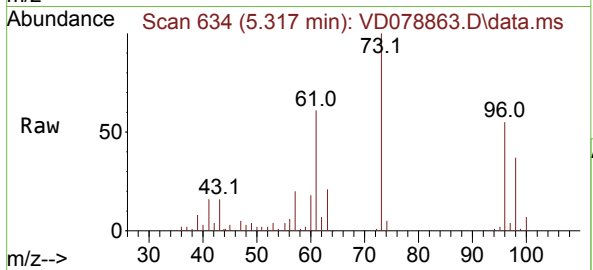
ClientSampleId :

Tgt Ion: 73 Resp: 168420

Ion Ratio Lower Upper

73 100

57 19.6 16.4 24.6



#20

Methylene Chloride

Concen: 43.483 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

Tgt Ion: 84 Resp: 93732

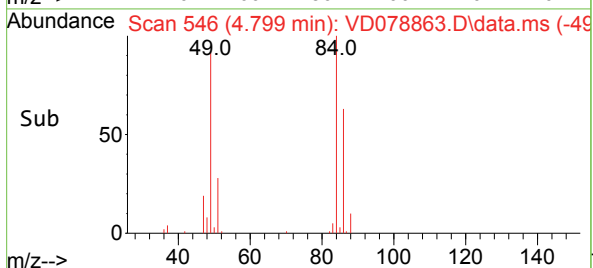
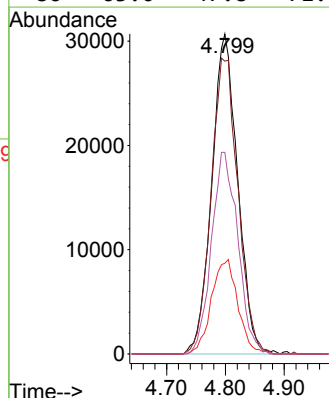
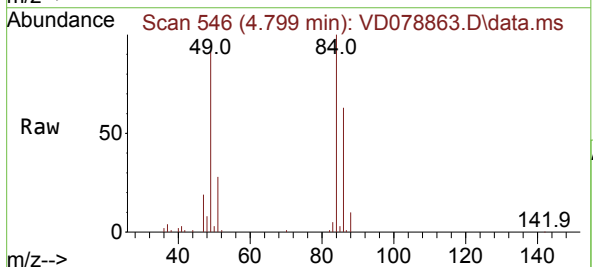
Ion Ratio Lower Upper

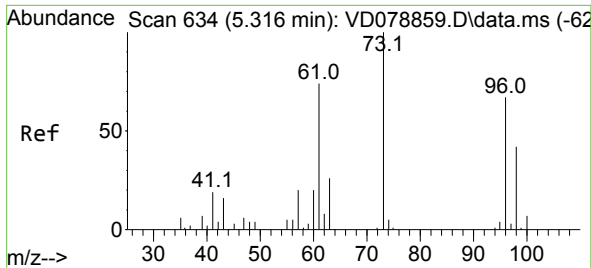
84 100

49 91.5 75.6 113.4

51 28.3 23.4 35.0

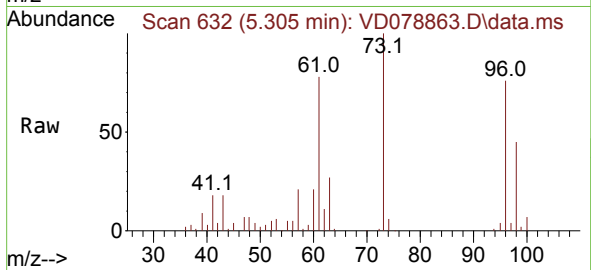
86 63.0 47.8 71.6



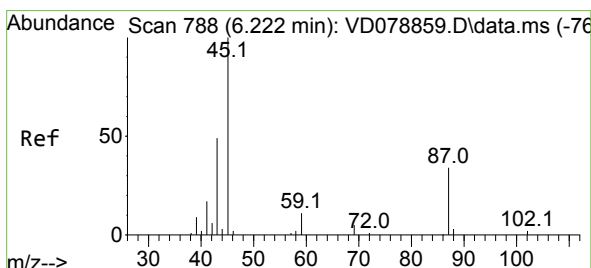
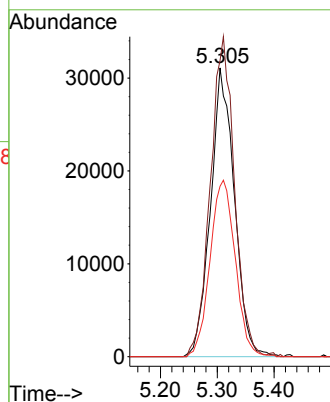
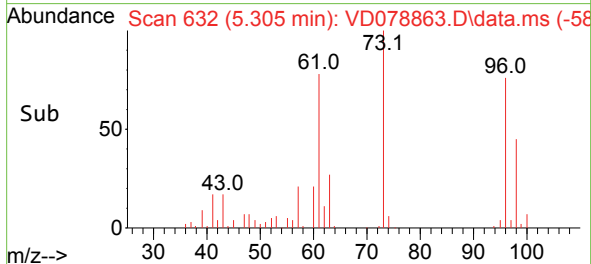


#21  
trans-1,2-Dichloroethene  
Concen: 49.598 ug/l  
RT: 5.305 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

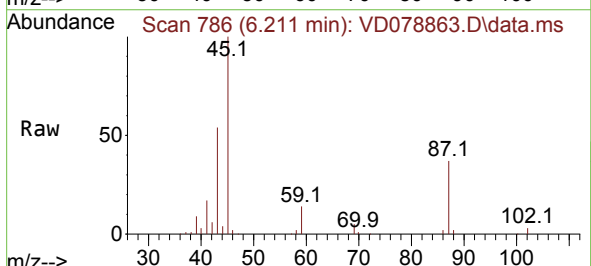
Instrument :  
MSVOA\_D  
ClientSampleId :



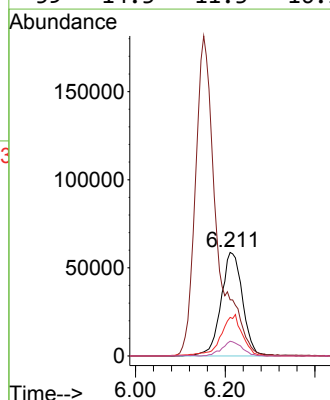
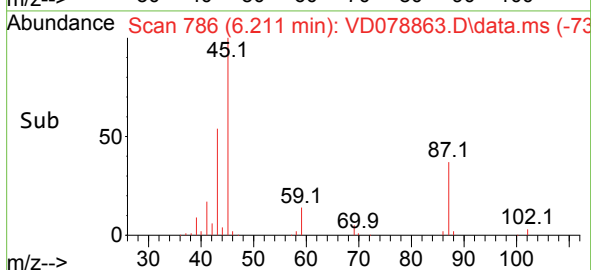
Tgt Ion: 96 Resp: 90814  
Ion Ratio Lower Upper  
96 100  
61 102.5 96.1 144.1  
98 59.0 48.9 73.3

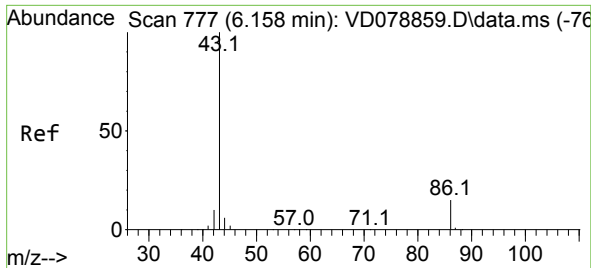


#22  
Diisopropyl ether  
Concen: 54.253 ug/l  
RT: 6.211 min Scan# 786  
Delta R.T. -0.012 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37



Tgt Ion: 45 Resp: 196638  
Ion Ratio Lower Upper  
45 100  
43 53.7 44.3 66.5  
87 37.2 28.3 42.5  
59 14.3 11.3 16.9

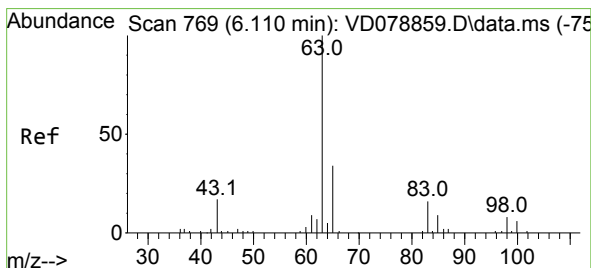
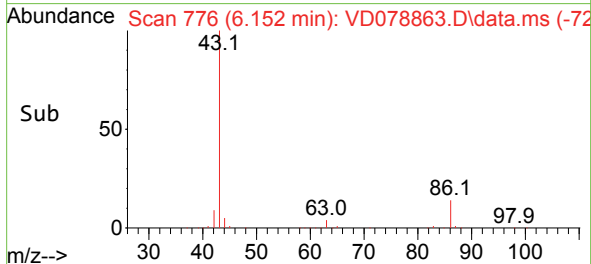
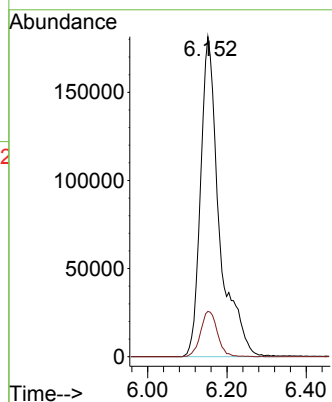
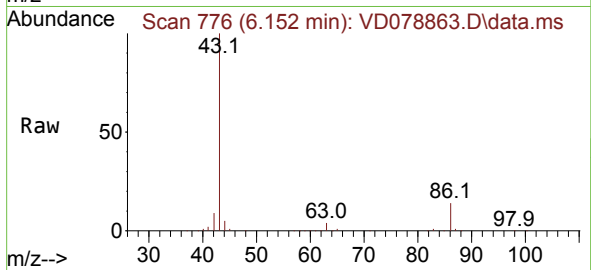




#23  
 Vinyl Acetate  
 Concen: 273.286 ug/l  
 RT: 6.152 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: VD078863.D  
 Acq: 01 May 2024 17:37

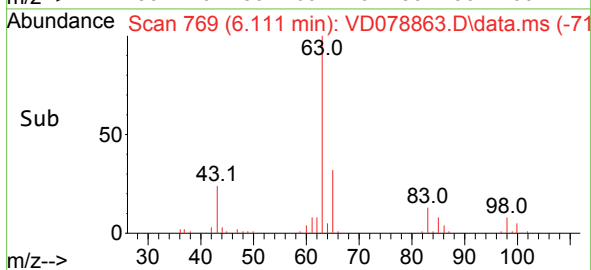
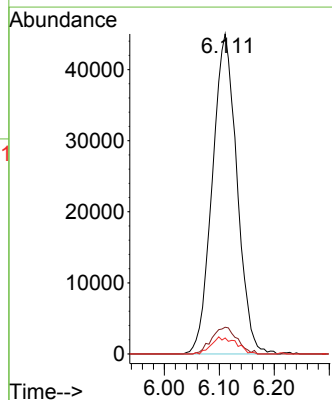
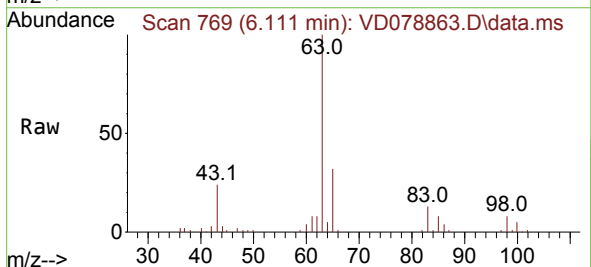
Instrument :  
 MSVOA\_D  
 ClientSampleId :

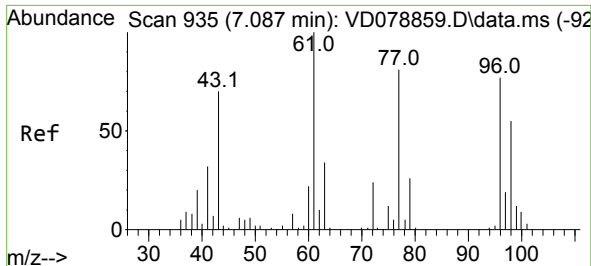
Tgt Ion: 43 Resp: 597153  
 Ion Ratio Lower Upper  
 43 100  
 86 14.1 10.7 16.1



#24  
 1,1-Dichloroethane  
 Concen: 48.022 ug/l  
 RT: 6.111 min Scan# 769  
 Delta R.T. 0.000 min  
 Lab File: VD078863.D  
 Acq: 01 May 2024 17:37

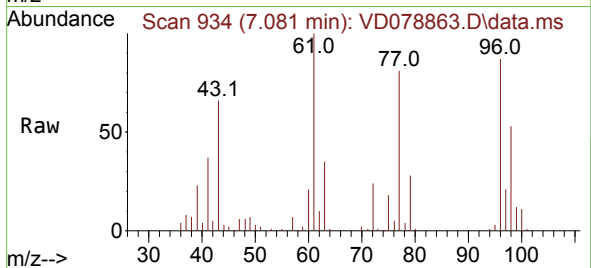
Tgt Ion: 63 Resp: 140129  
 Ion Ratio Lower Upper  
 63 100  
 98 8.4 4.0 11.9  
 100 5.0 2.7 8.1



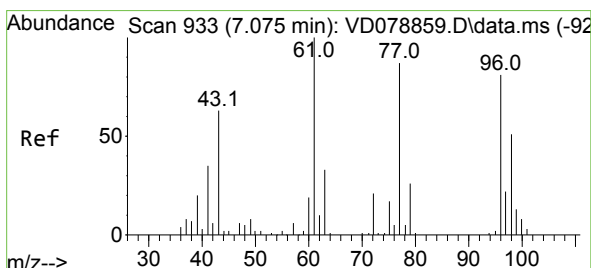
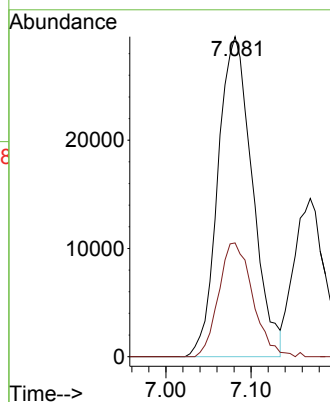
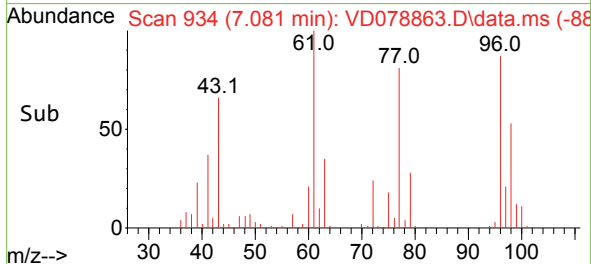


#25  
2-Butanone  
Concen: 258.862 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Instrument :  
MSVOA\_D  
ClientSampleId :

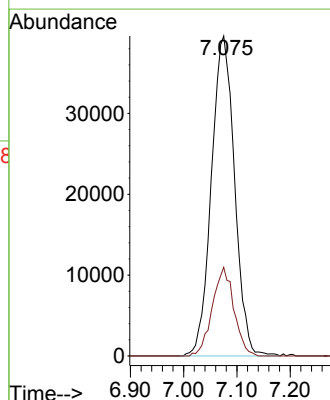
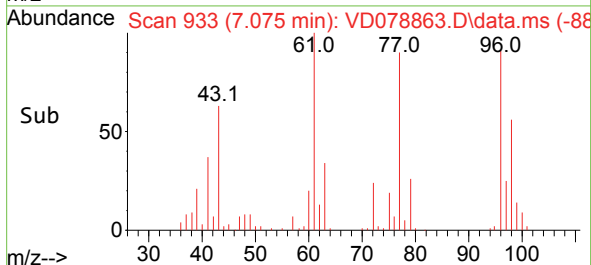
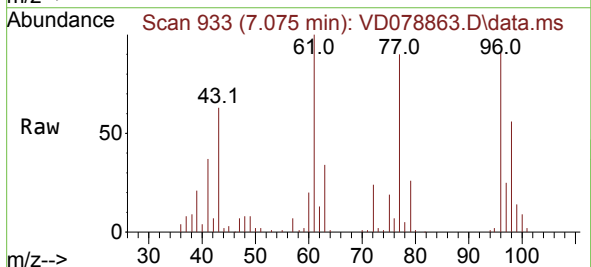


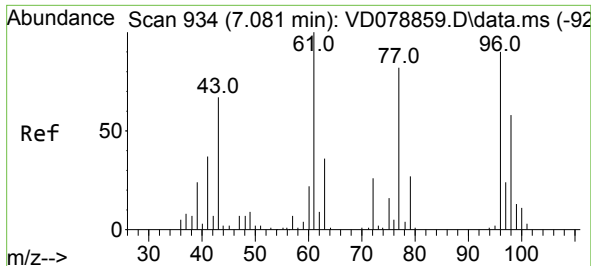
Tgt Ion: 43 Resp: 82984  
Ion Ratio Lower Upper  
43 100  
72 35.5 25.0 37.6



#26  
2,2-Dichloropropane  
Concen: 48.533 ug/l  
RT: 7.075 min Scan# 933  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Tgt Ion: 77 Resp: 119497  
Ion Ratio Lower Upper  
77 100  
97 25.8 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 51.200 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

ClientSampleId :

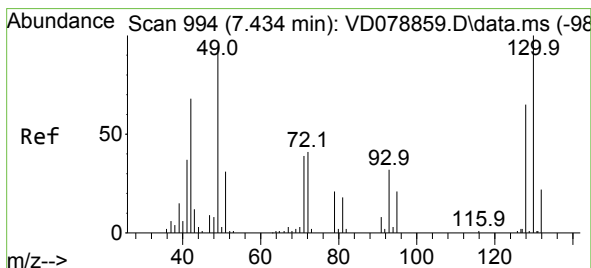
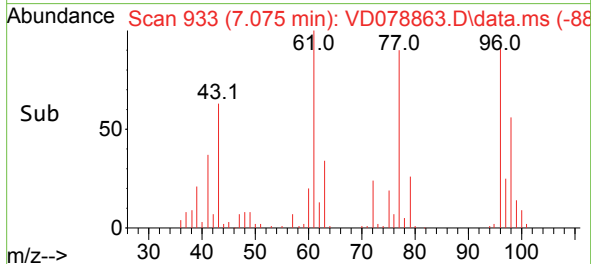
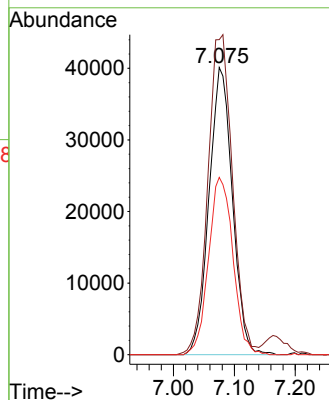
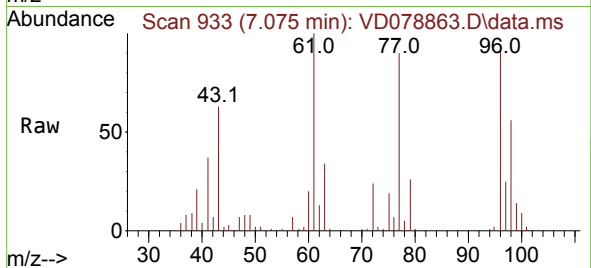
Tgt Ion: 96 Resp: 107080

Ion Ratio Lower Upper

96 100

61 117.6 0.0 245.0

98 64.3 0.0 126.6



#28

Bromochloromethane

Concen: 50.544 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.012 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

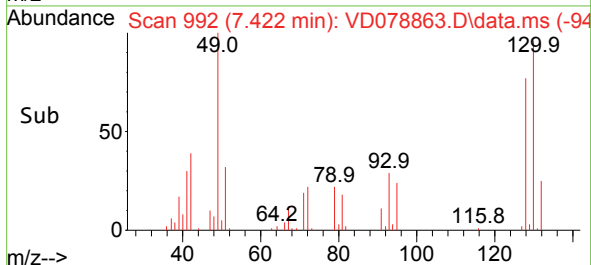
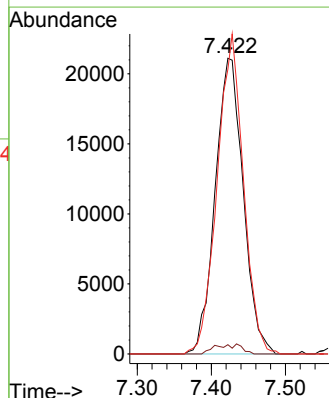
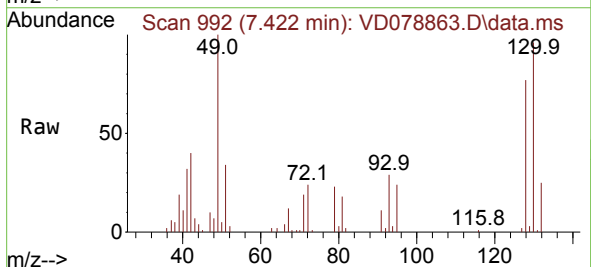
Tgt Ion: 49 Resp: 55489

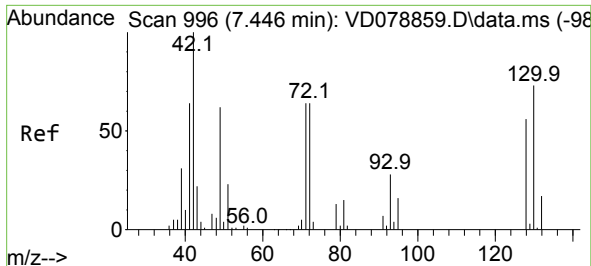
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.2

130 101.2 77.1 115.7





#29

Tetrahydrofuran

Concen: 273.275 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

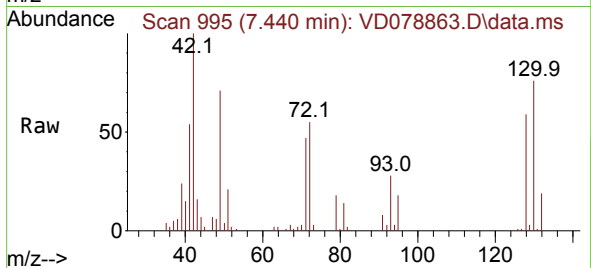
Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

ClientSampleId :



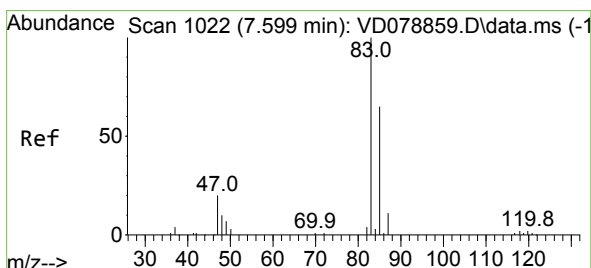
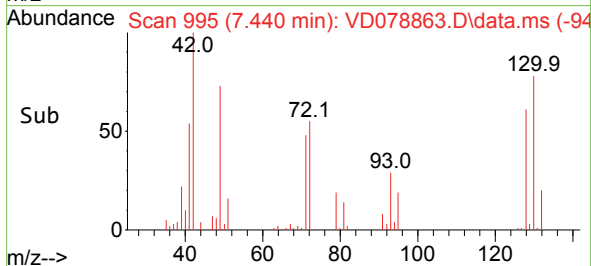
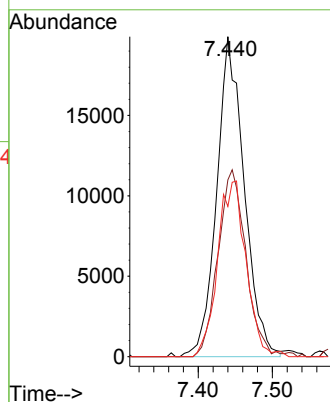
Tgt Ion: 42 Resp: 51261

Ion Ratio Lower Upper

42 100

72 59.6 43.8 65.6

71 56.8 42.0 63.0



#30

Chloroform

Concen: 47.907 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078863.D

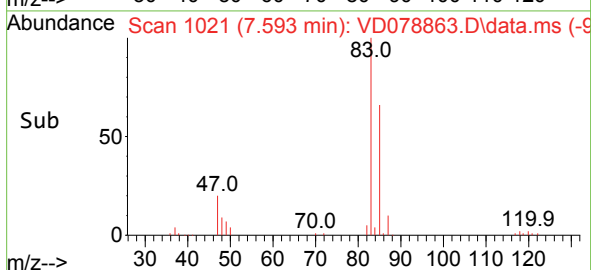
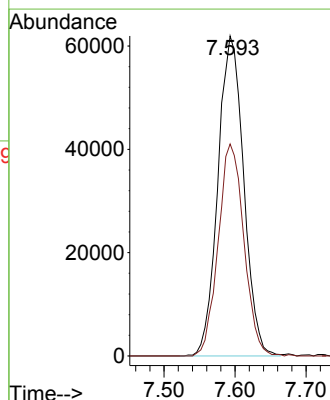
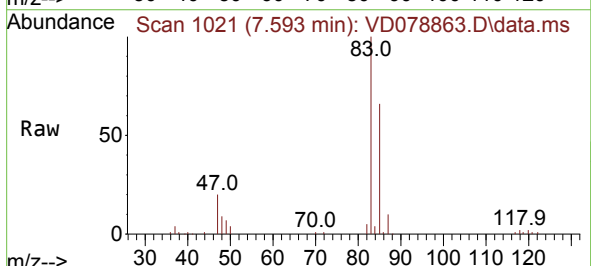
Acq: 01 May 2024 17:37

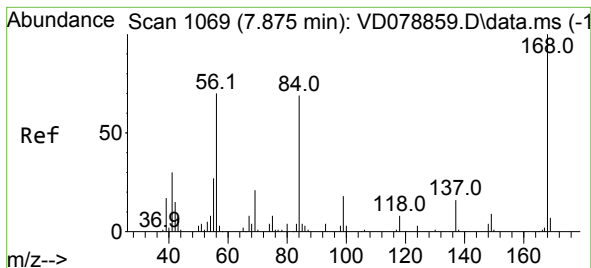
Tgt Ion: 83 Resp: 155997

Ion Ratio Lower Upper

83 100

85 66.2 51.2 76.8





#31

Cyclohexane

Concen: 44.827 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

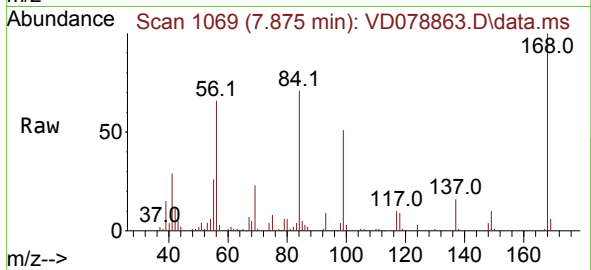
Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

ClientSampleId :



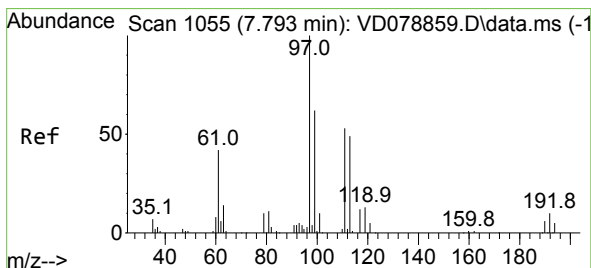
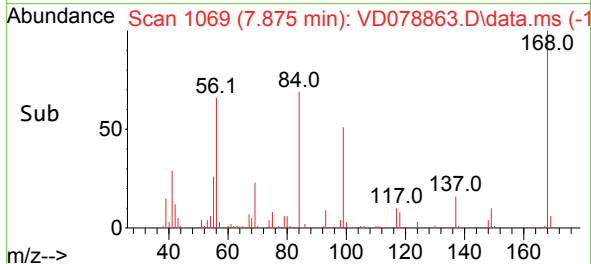
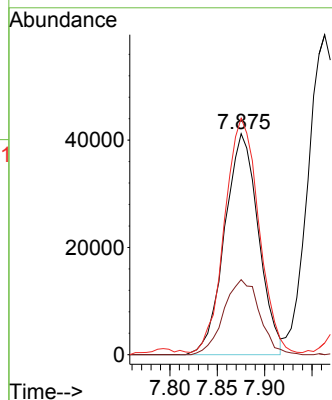
Tgt Ion: 56 Resp: 102016

Ion Ratio Lower Upper

56 100

69 33.9 26.6 40.0

84 105.0 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 48.953 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

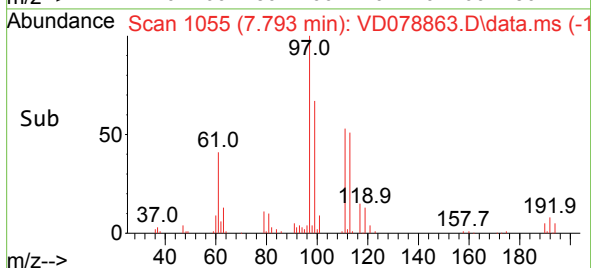
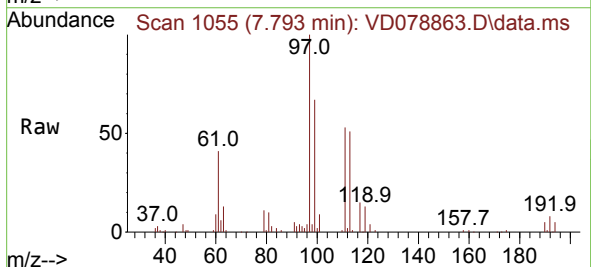
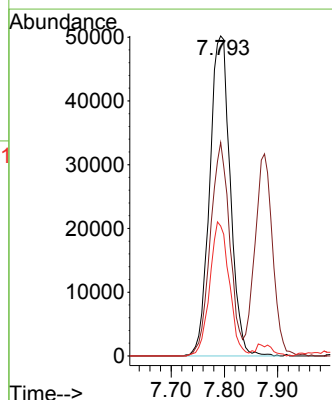
Tgt Ion: 97 Resp: 134443

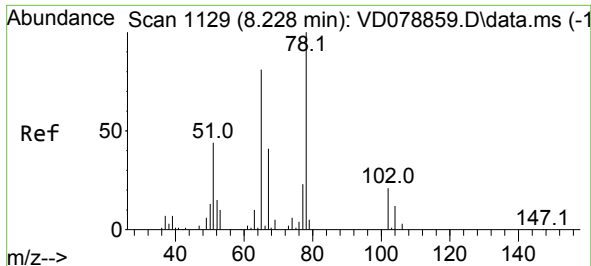
Ion Ratio Lower Upper

97 100

99 63.0 50.8 76.2

61 39.7 33.0 49.6

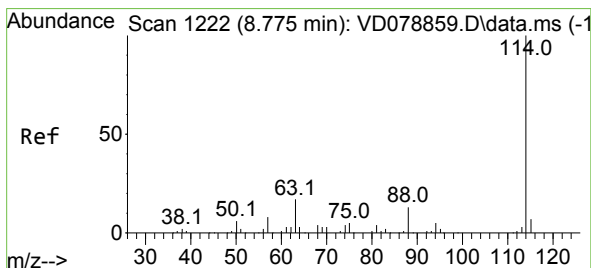
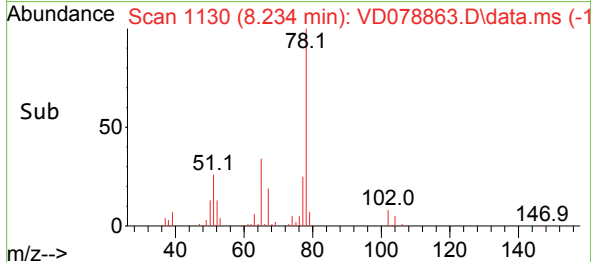
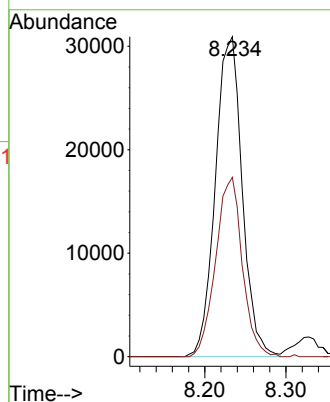
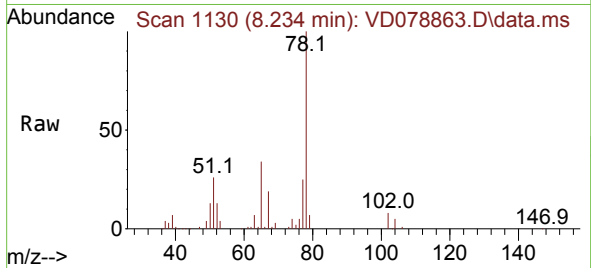




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.437 ug/l  
 RT: 8.234 min Scan# 1129  
 Delta R.T. 0.006 min  
 Lab File: VD078863.D  
 Acq: 01 May 2024 17:37

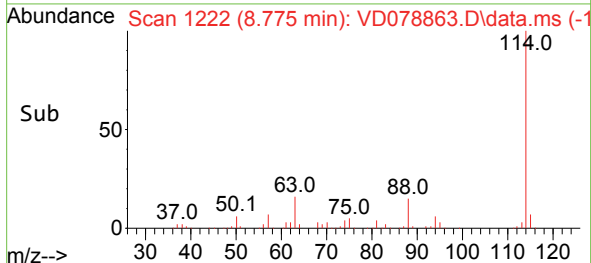
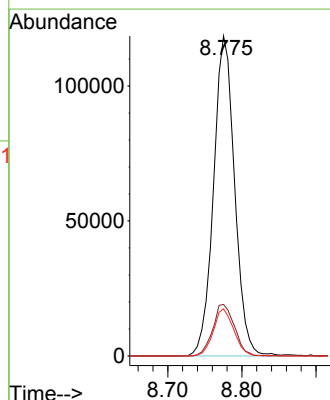
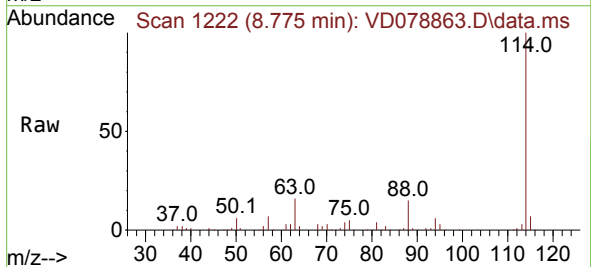
Instrument :  
 MSVOA\_D  
 ClientSampleId :

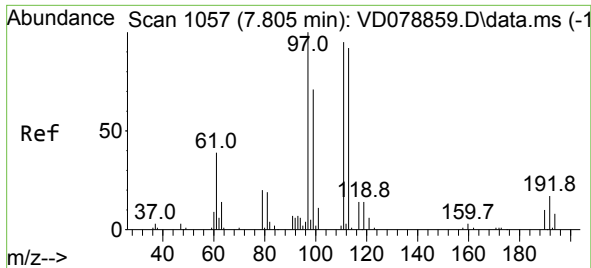
Tgt Ion: 65 Resp: 71182  
 Ion Ratio Lower Upper  
 65 100  
 67 55.5 0.0 110.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.775 min Scan# 1222  
 Delta R.T. 0.000 min  
 Lab File: VD078863.D  
 Acq: 01 May 2024 17:37

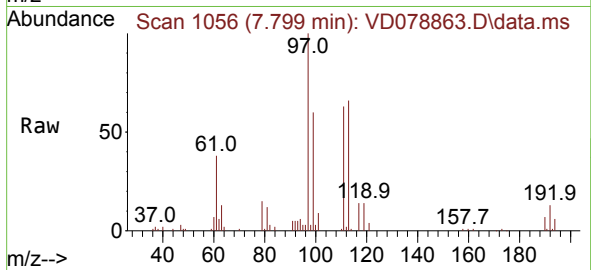
Tgt Ion: 114 Resp: 234306  
 Ion Ratio Lower Upper  
 114 100  
 63 16.1 0.0 33.4  
 88 14.7 0.0 24.6



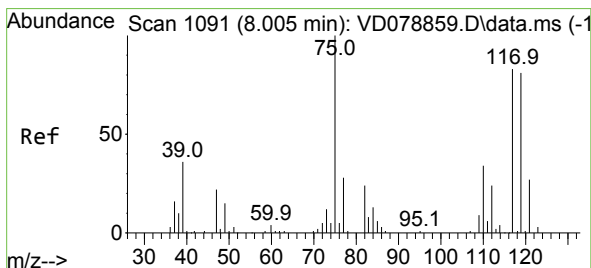
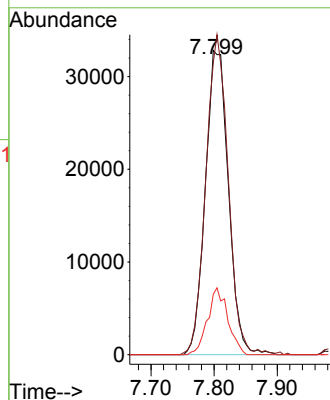
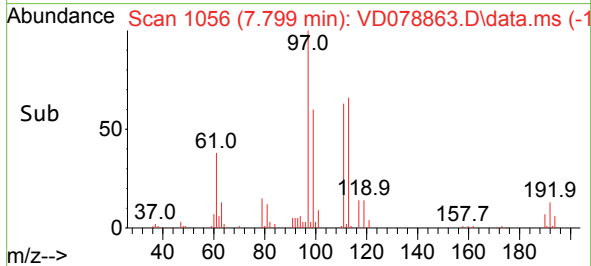


#35  
Dibromofluoromethane  
Concen: 48.529 ug/l  
RT: 7.799 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Instrument :  
MSVOA\_D  
ClientSampleId :

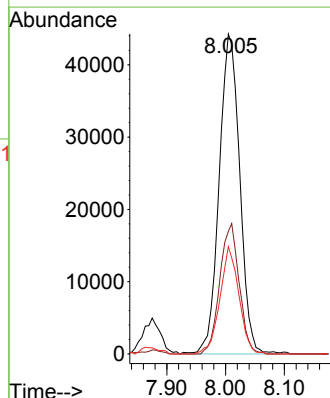
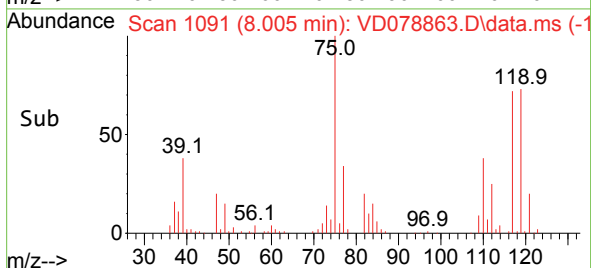
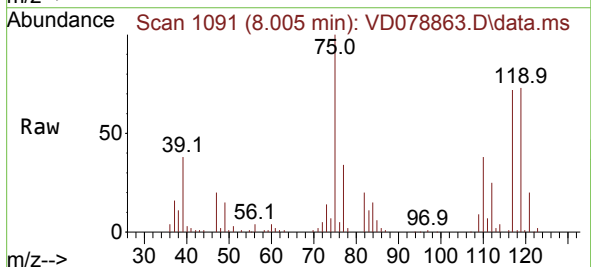


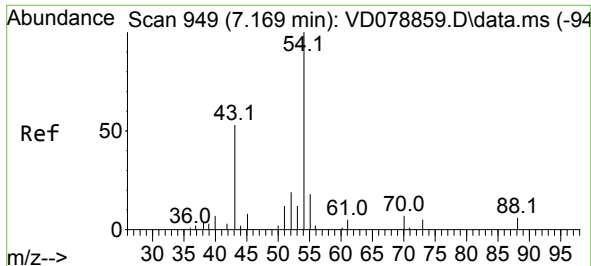
Tgt Ion:113 Resp: 83488  
Ion Ratio Lower Upper  
113 100  
111 101.2 81.9 122.9  
192 19.2 15.4 23.0



#36  
1,1-Dichloropropene  
Concen: 48.743 ug/l  
RT: 8.005 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Tgt Ion: 75 Resp: 107859  
Ion Ratio Lower Upper  
75 100  
110 38.3 19.1 57.1  
77 30.9 25.4 38.2

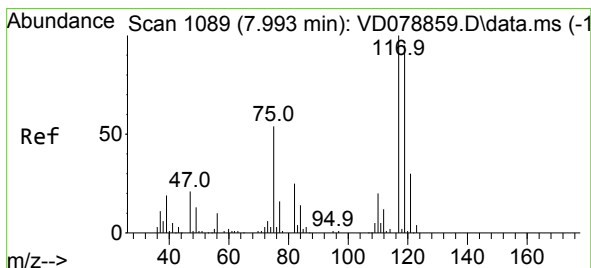
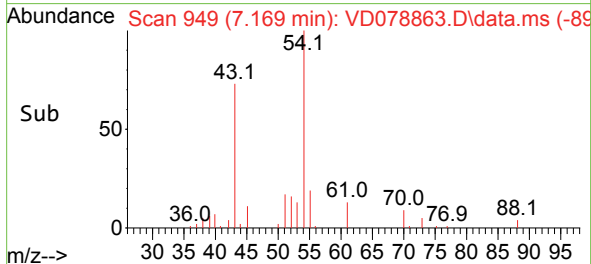
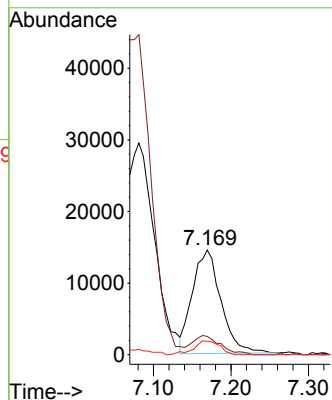
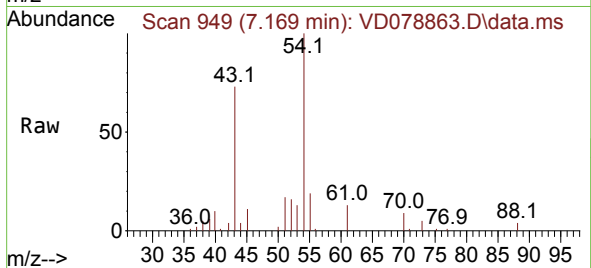




#37  
Ethyl Acetate  
Concen: 50.452 ug/l  
RT: 7.169 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

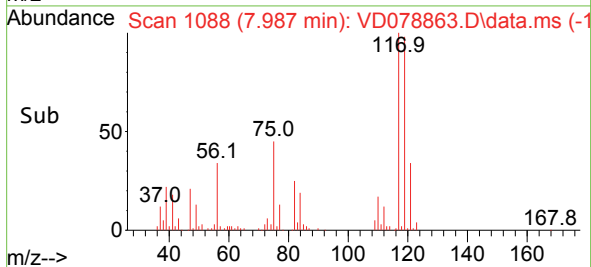
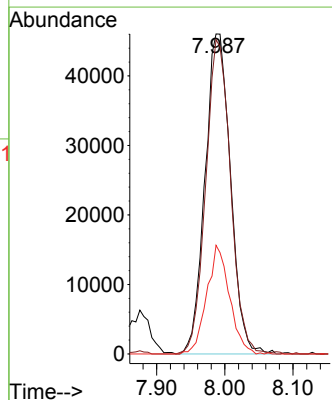
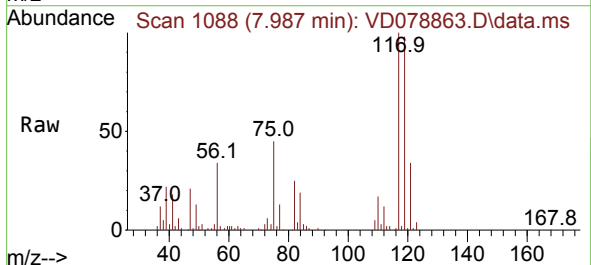
Instrument :  
MSVOA\_D  
ClientSampleId :

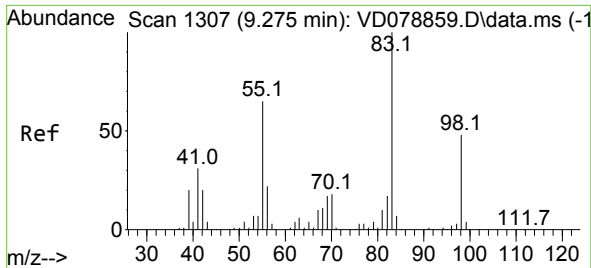
Tgt Ion: 43 Resp: 36926  
Ion Ratio Lower Upper  
43 100  
61 18.0 14.6 21.8  
70 12.0 9.4 14.0



#38  
Carbon Tetrachloride  
Concen: 47.097 ug/l  
RT: 7.987 min Scan# 1088  
Delta R.T. -0.006 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Tgt Ion: 117 Resp: 119963  
Ion Ratio Lower Upper  
117 100  
119 97.8 79.2 118.8  
121 34.0 26.8 40.2

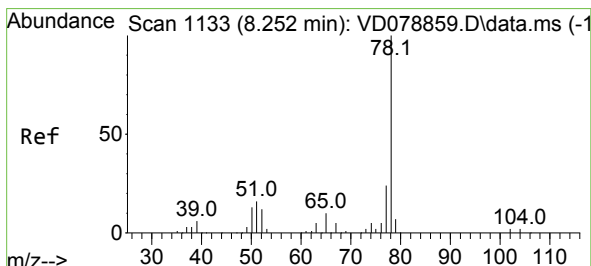
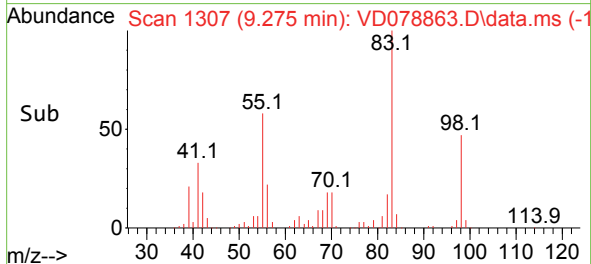
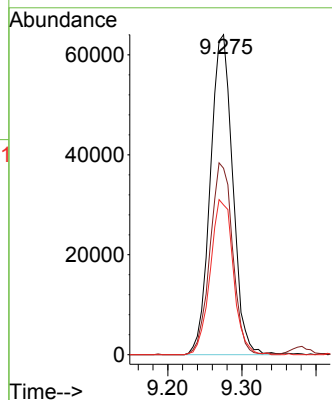
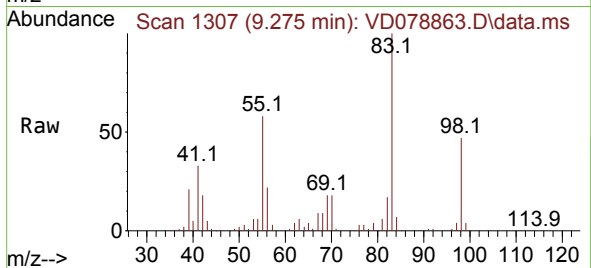




#39  
Methylcyclohexane  
Concen: 49.305 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

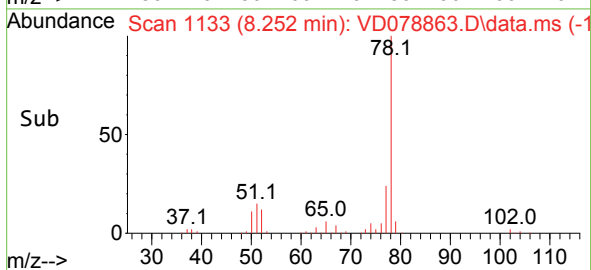
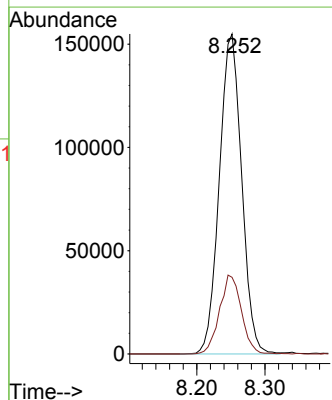
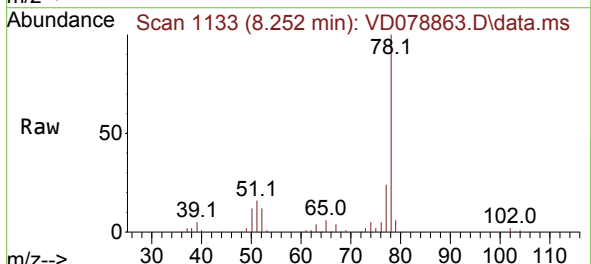
Instrument :  
MSVOA\_D  
ClientSampleId :

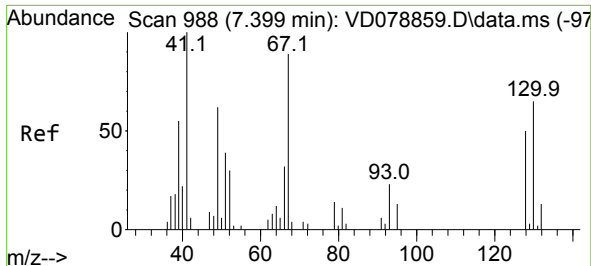
Tgt Ion: 83 Resp: 134434  
Ion Ratio Lower Upper  
83 100  
55 58.3 51.7 77.5  
98 46.8 41.4 62.0



#40  
Benzene  
Concen: 48.709 ug/l  
RT: 8.252 min Scan# 1133  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

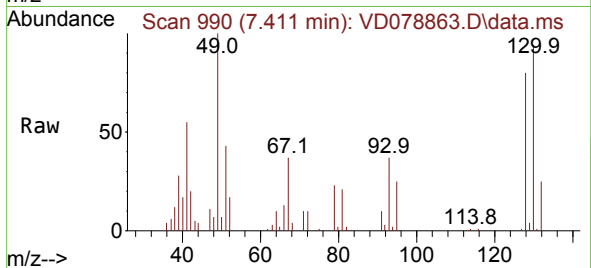
Tgt Ion: 78 Resp: 352979  
Ion Ratio Lower Upper  
78 100  
77 24.0 20.4 30.6





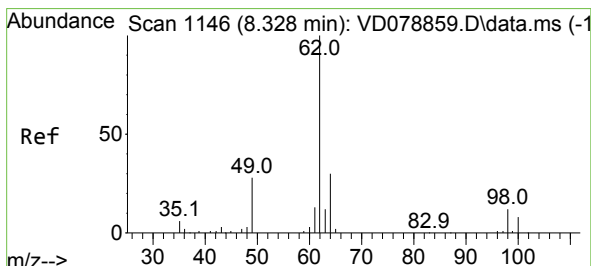
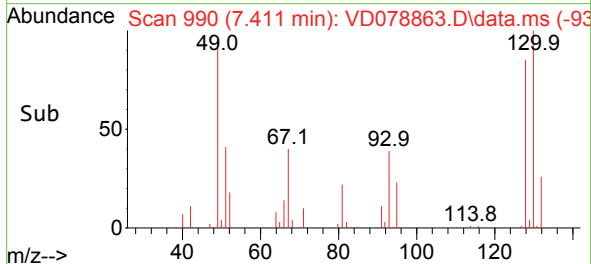
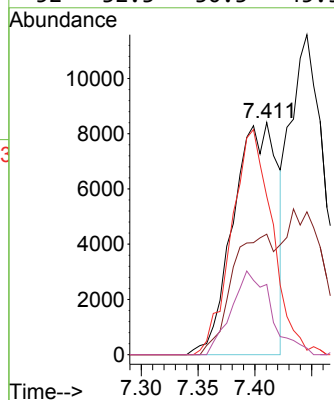
#41  
Methacrylonitrile  
Concen: 63.301 ug/l  
RT: 7.411 min Scan# 990  
Delta R.T. 0.012 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Instrument :  
MSVOA\_D  
ClientSampleId :



Tgt Ion: 41 Resp: 22879

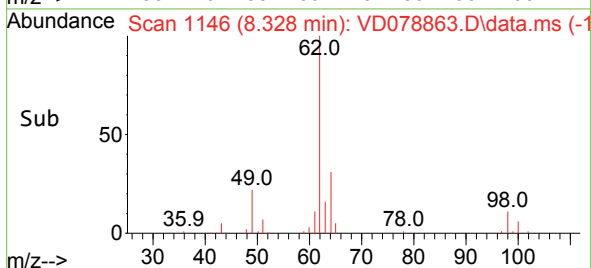
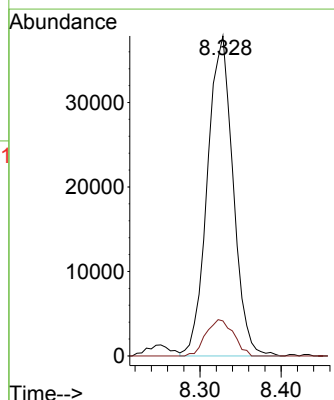
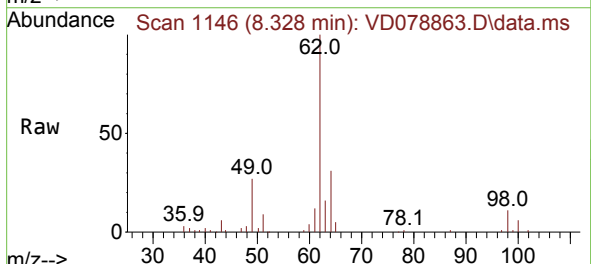
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 48.2  | 39.8  | 59.6  |
| 67  | 89.1  | 83.5  | 125.3 |
| 52  | 32.3  | 30.3  | 45.5  |

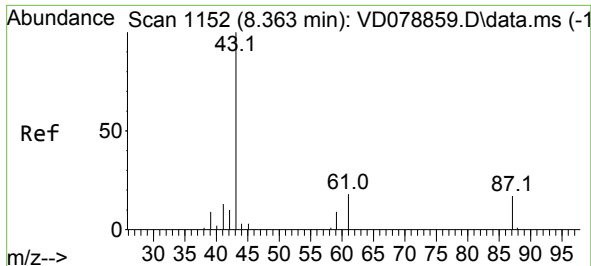


#42  
1,2-Dichloroethane  
Concen: 48.665 ug/l  
RT: 8.328 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Tgt Ion: 62 Resp: 83256

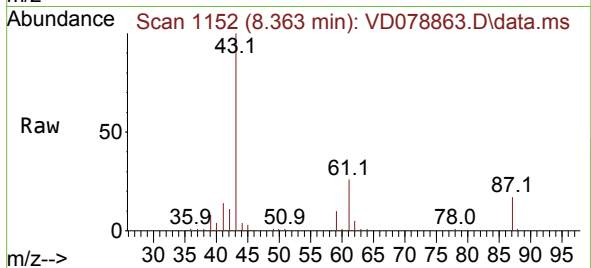
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 12.2  | 0.0   | 23.8  |



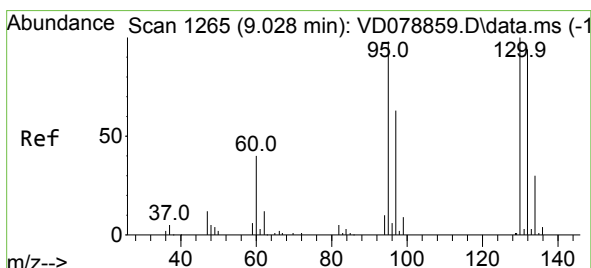
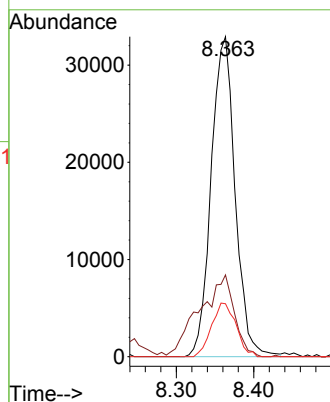
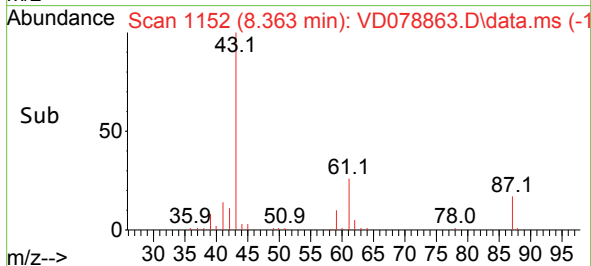


#43  
Isopropyl Acetate  
Concen: 52.889 ug/l  
RT: 8.363 min Scan# 1152  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

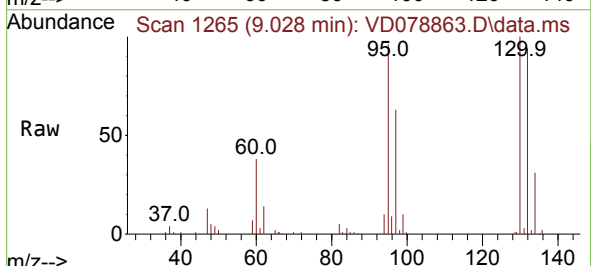
Instrument :  
MSVOA\_D  
ClientSampleId :



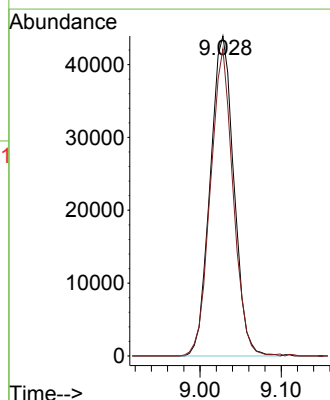
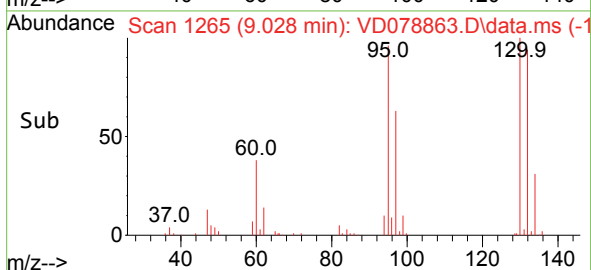
Tgt Ion: 43 Resp: 70807  
Ion Ratio Lower Upper  
43 100  
61 37.1 30.1 45.1  
87 17.1 14.4 21.6

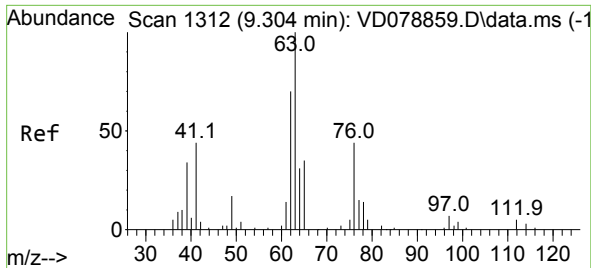


#44  
Trichloroethene  
Concen: 48.736 ug/l  
RT: 9.028 min Scan# 1265  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37



Tgt Ion:130 Resp: 88964  
Ion Ratio Lower Upper  
130 100  
95 96.0 0.0 197.8

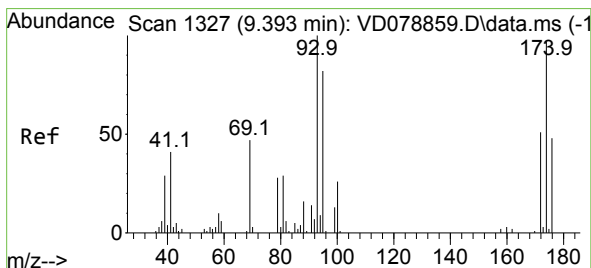
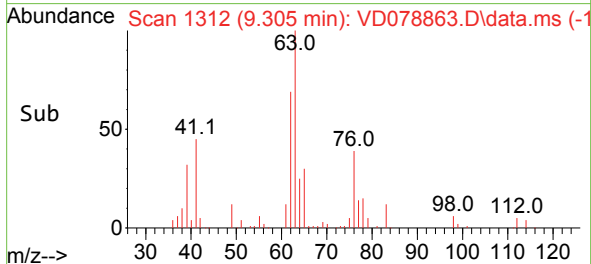
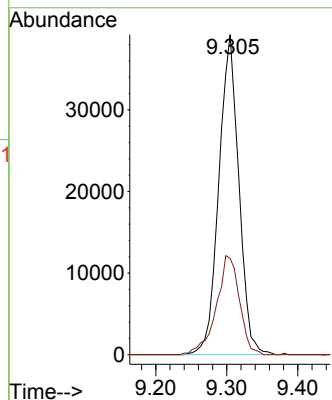
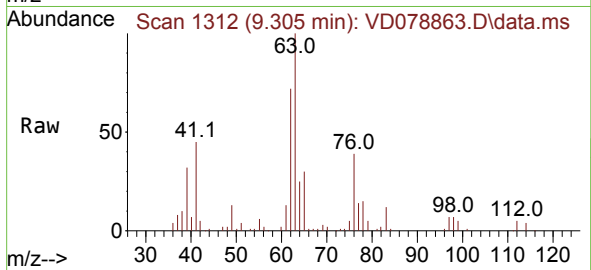




#45  
1,2-Dichloropropane  
Concen: 48.036 ug/l  
RT: 9.305 min Scan# 1312  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

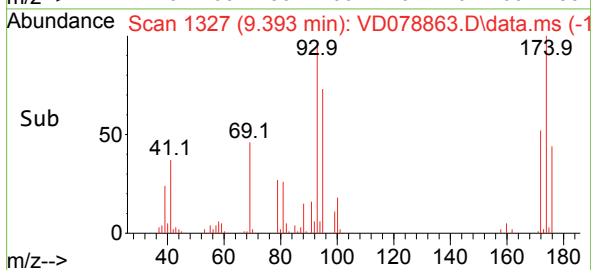
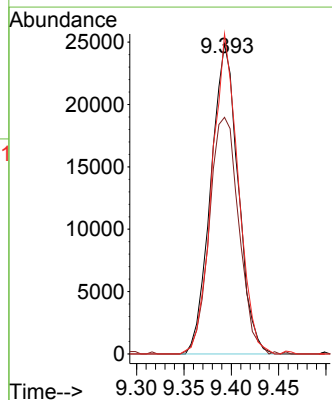
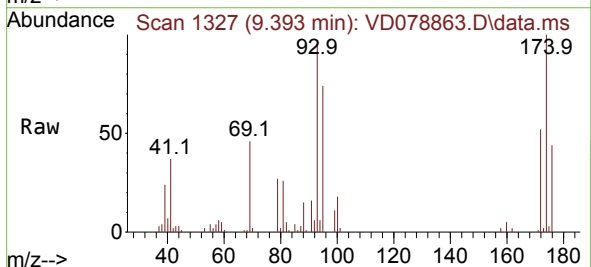
Instrument :  
MSVOA\_D  
ClientSampleId :

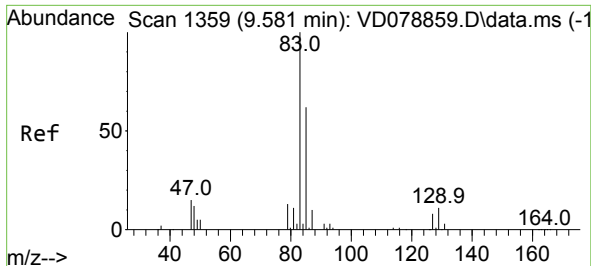
Tgt Ion: 63 Resp: 76340  
Ion Ratio Lower Upper  
63 100  
65 30.1 24.8 37.2



#46  
Dibromomethane  
Concen: 49.237 ug/l  
RT: 9.393 min Scan# 1327  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

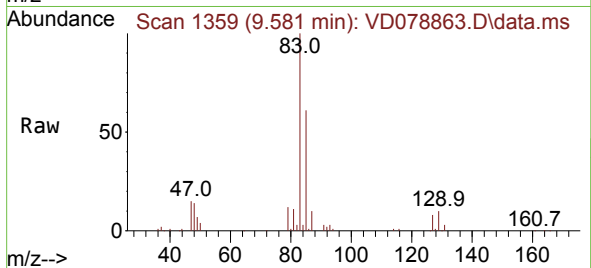
Tgt Ion: 93 Resp: 49816  
Ion Ratio Lower Upper  
93 100  
95 82.4 67.3 100.9  
174 98.6 80.9 121.3



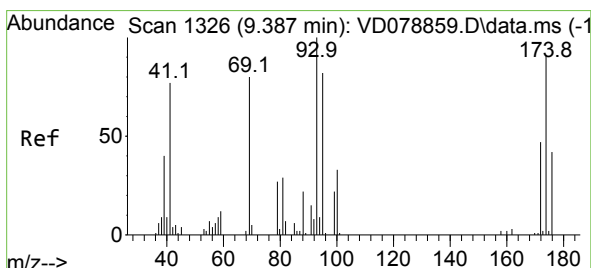
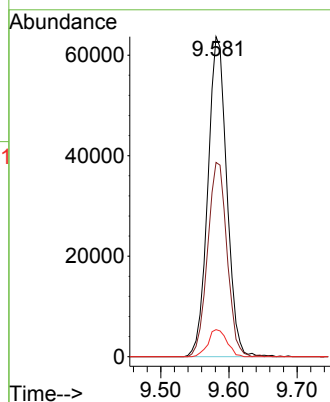
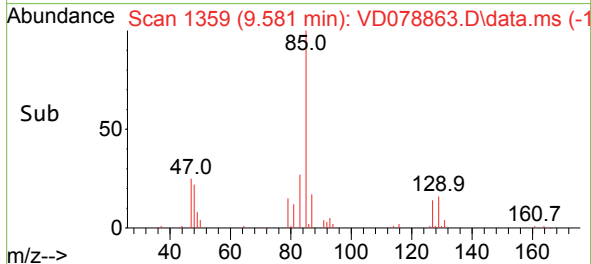


#47  
Bromodichloromethane  
Concen: 49.118 ug/l  
RT: 9.581 min Scan# 1359  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Instrument :  
MSVOA\_D  
ClientSampleId :

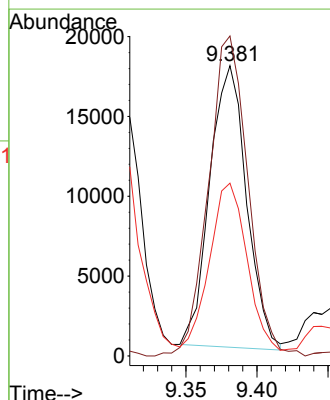
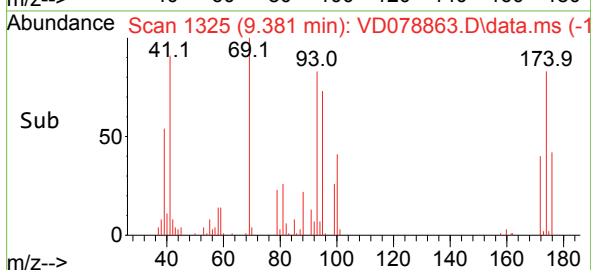
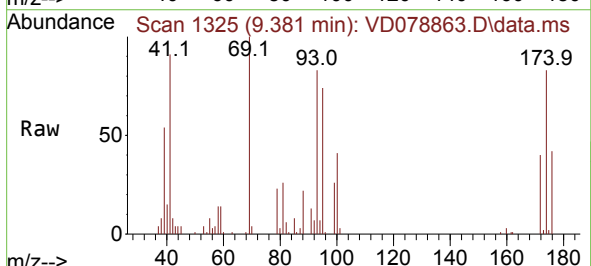


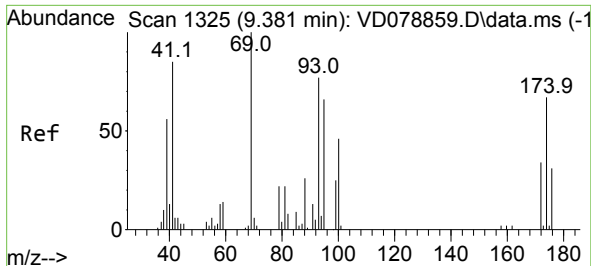
Tgt Ion: 83 Resp: 123055  
Ion Ratio Lower Upper  
83 100  
85 60.7 54.0 81.0  
127 8.5 7.1 10.7



#48  
Methyl methacrylate  
Concen: 50.591 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. -0.006 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Tgt Ion: 41 Resp: 31747  
Ion Ratio Lower Upper  
41 100  
69 121.8 88.3 132.5  
39 59.9 46.6 69.8





#49

1,4-Dioxane

Concen: 1121.968 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

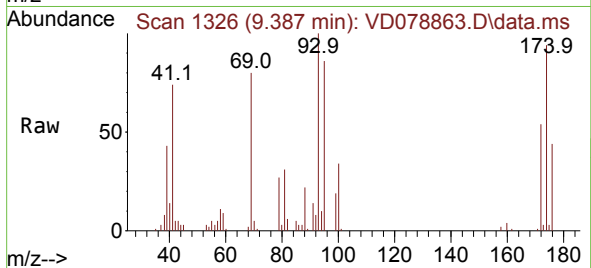
Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

ClientSampleId :



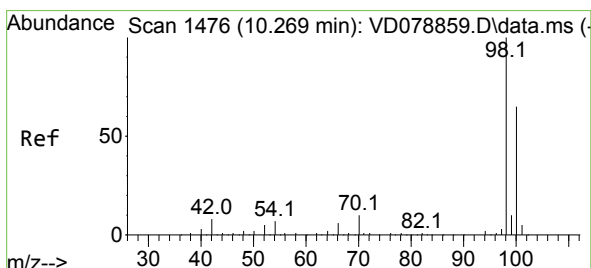
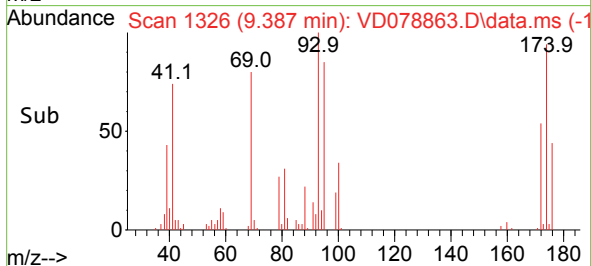
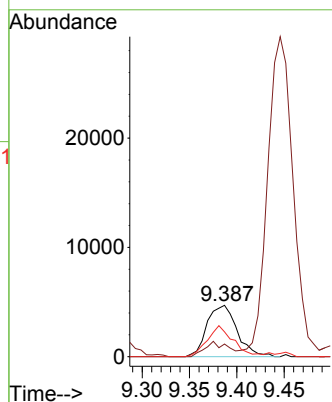
Tgt Ion: 88 Resp: 10359

Ion Ratio Lower Upper

88 100

43 22.3 23.2 34.8#

58 52.5 51.0 76.6



#50

Toluene-d8

Concen: 48.019 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078863.D

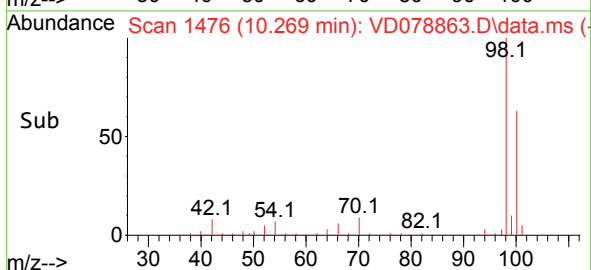
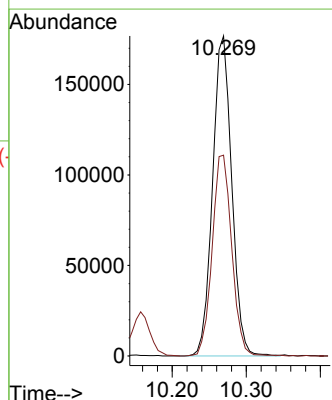
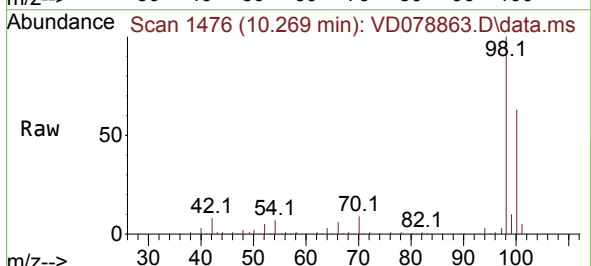
Acq: 01 May 2024 17:37

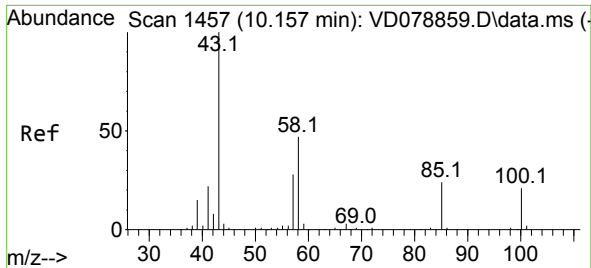
Tgt Ion: 98 Resp: 317026

Ion Ratio Lower Upper

98 100

100 64.0 50.5 75.7

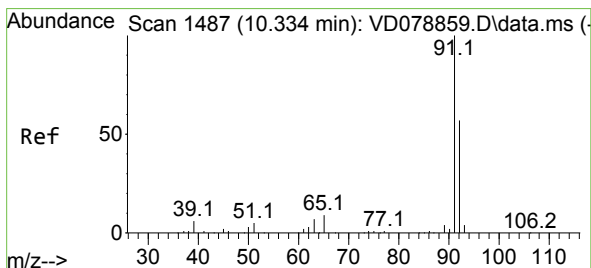
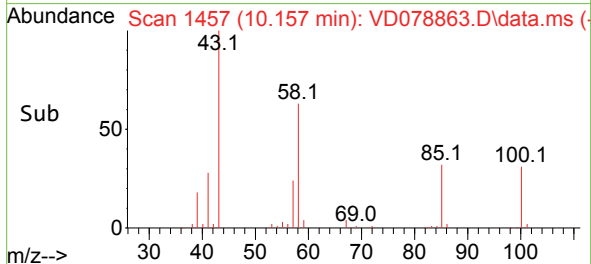
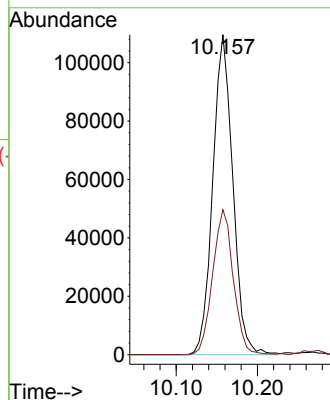
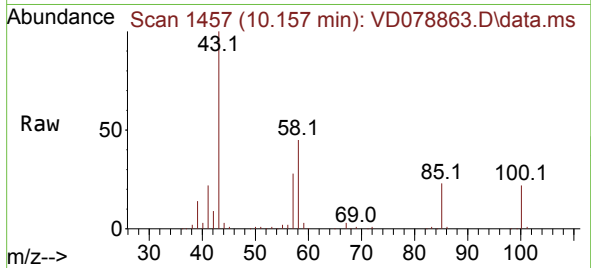




#51  
4-Methyl-2-Pentanone  
Concen: 262.378 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

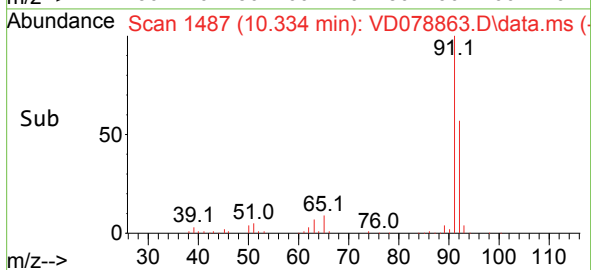
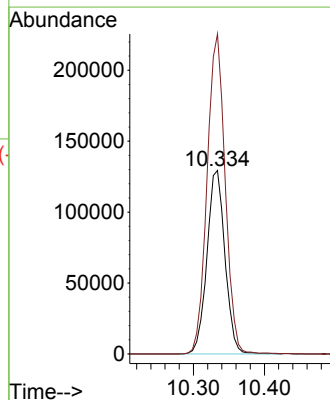
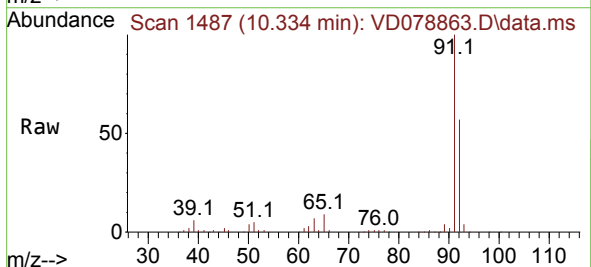
Instrument :  
MSVOA\_D  
ClientSampleId :

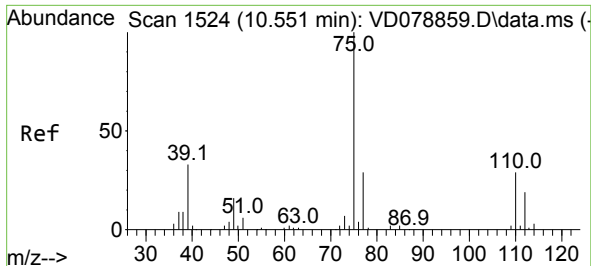
Tgt Ion: 43 Resp: 188101  
Ion Ratio Lower Upper  
43 100  
58 46.6 36.4 54.6



#52  
Toluene  
Concen: 50.196 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Tgt Ion: 92 Resp: 228480  
Ion Ratio Lower Upper  
92 100  
91 174.9 136.6 205.0

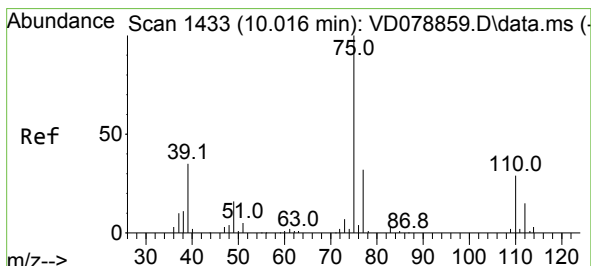
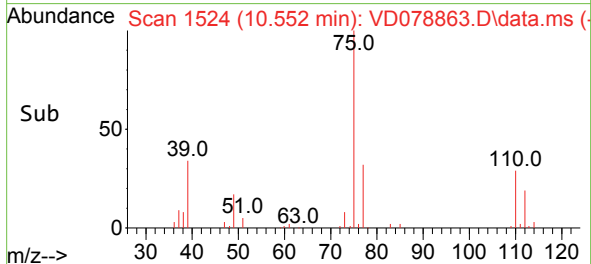
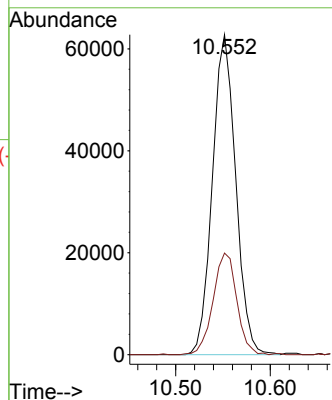
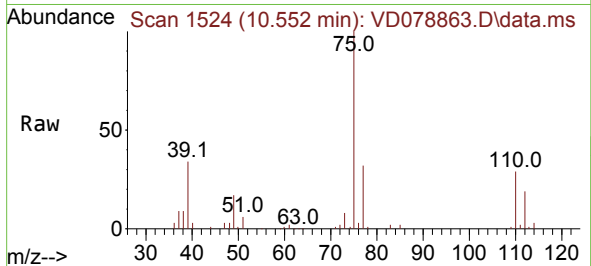




#53  
 t-1,3-Dichloropropene  
 Concen: 51.121 ug/l  
 RT: 10.552 min Scan# 1524  
 Delta R.T. 0.000 min  
 Lab File: VD078863.D  
 Acq: 01 May 2024 17:37

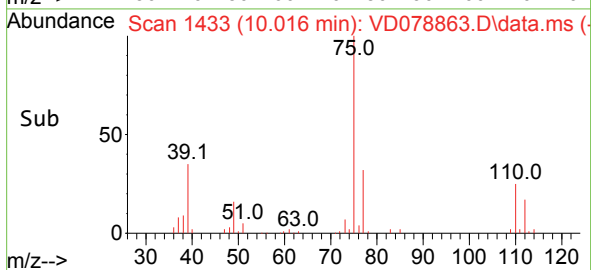
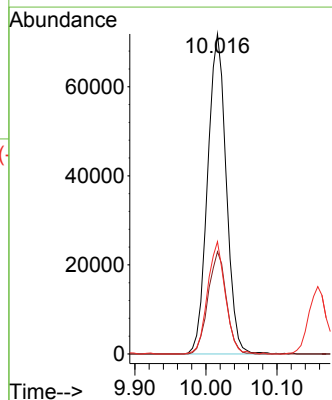
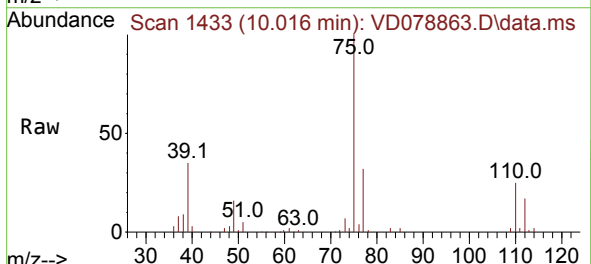
Instrument :  
 MSVOA\_D  
 ClientSampleId :

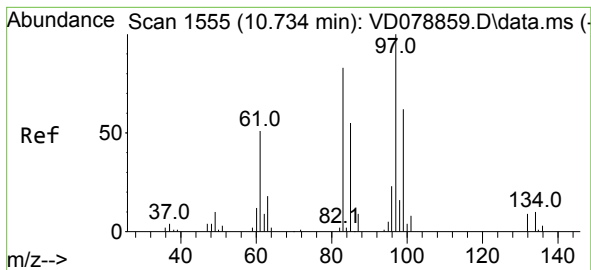
Tgt Ion: 75 Resp: 107389  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 27.1 40.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.641 ug/l  
 RT: 10.016 min Scan# 1433  
 Delta R.T. 0.000 min  
 Lab File: VD078863.D  
 Acq: 01 May 2024 17:37

Tgt Ion: 75 Resp: 131024  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 25.4 38.0  
 39 35.1 26.7 40.1

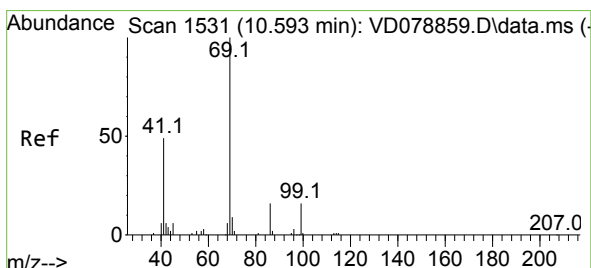
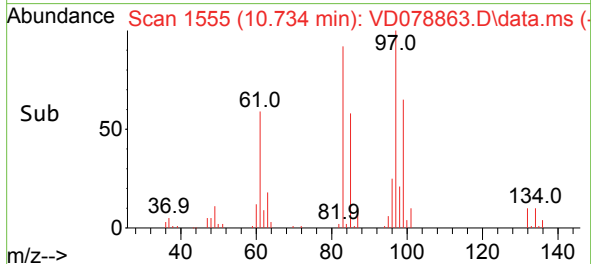
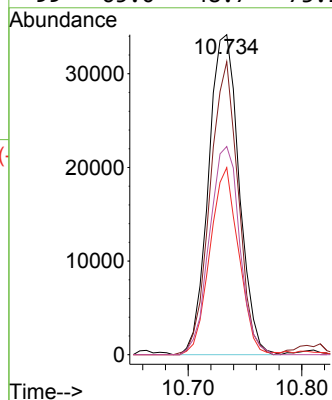
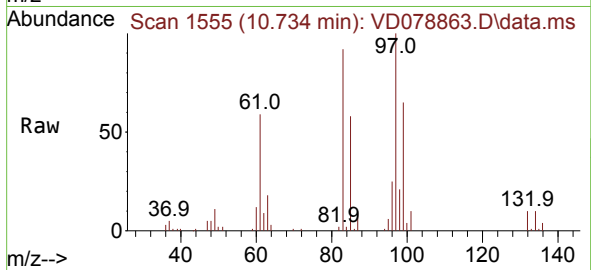




#55  
 1,1,2-Trichloroethane  
 Concen: 48.774 ug/l  
 RT: 10.734 min Scan# 1555  
 Delta R.T. 0.000 min  
 Lab File: VD078863.D  
 Acq: 01 May 2024 17:37

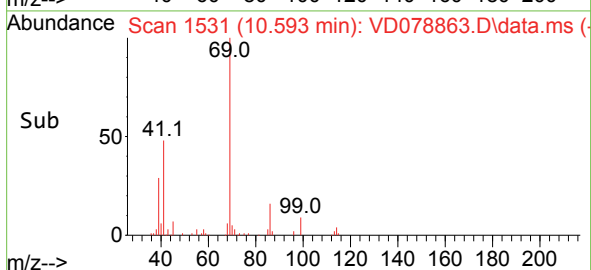
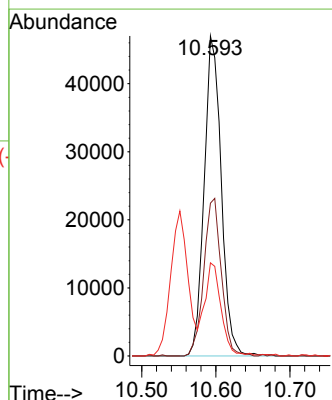
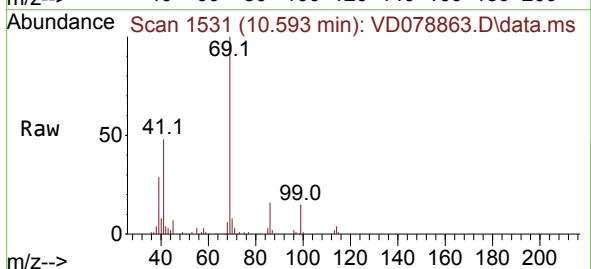
Instrument :  
 MSVOA\_D  
 ClientSampleId :

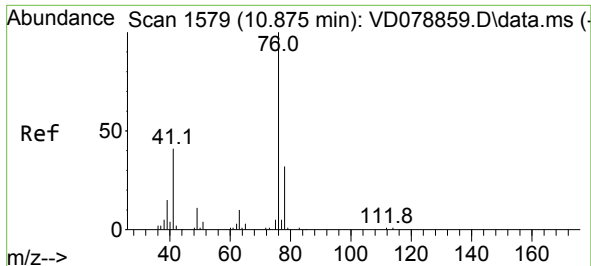
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 64007 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 91.0     | 68.1 102.1  |
| 85 58.5     | 48.2 72.2   |
| 99 65.0     | 48.7 73.1   |



#56  
 Ethyl methacrylate  
 Concen: 55.976 ug/l  
 RT: 10.593 min Scan# 1531  
 Delta R.T. 0.000 min  
 Lab File: VD078863.D  
 Acq: 01 May 2024 17:37

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 75478 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 50.4     | 40.9 61.3   |
| 39 27.3     | 25.5 38.3   |





#57

1,3-Dichloropropane

Concen: 49.726 ug/l

RT: 10.875 min Scan# 11

Delta R.T. 0.000 min

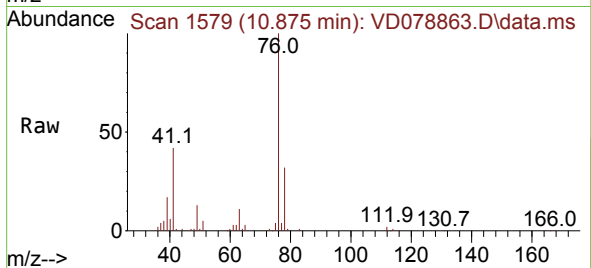
Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

ClientSampleId :

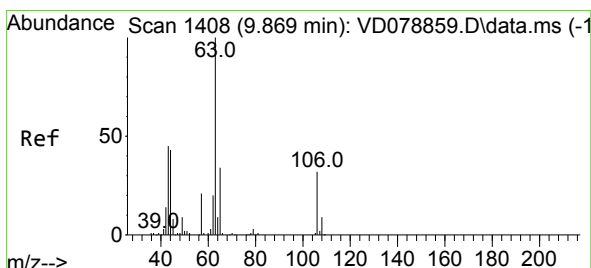
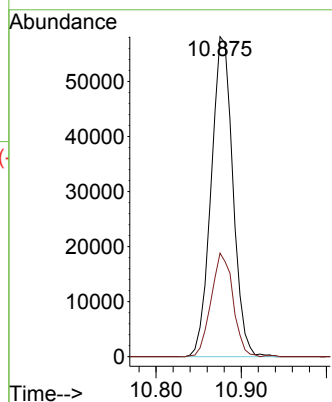
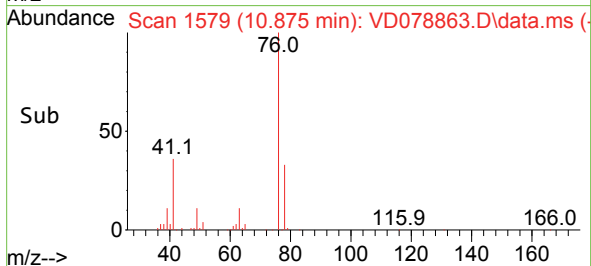


Tgt Ion: 76 Resp: 103193

Ion Ratio Lower Upper

76 100

78 32.6 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 276.504 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078863.D

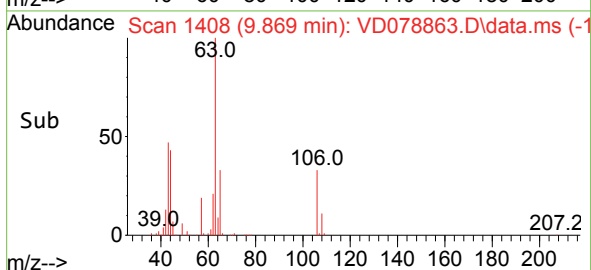
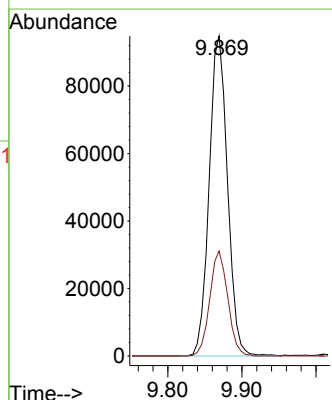
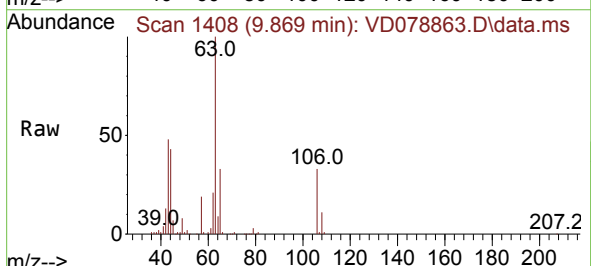
Acq: 01 May 2024 17:37

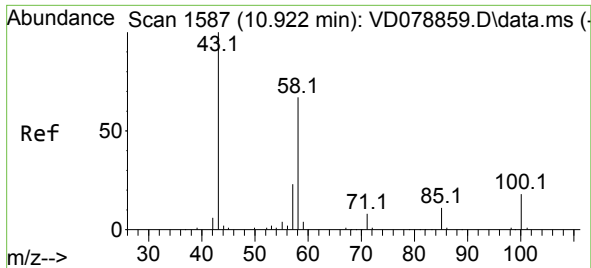
Tgt Ion: 63 Resp: 162801

Ion Ratio Lower Upper

63 100

106 32.1 25.2 37.8

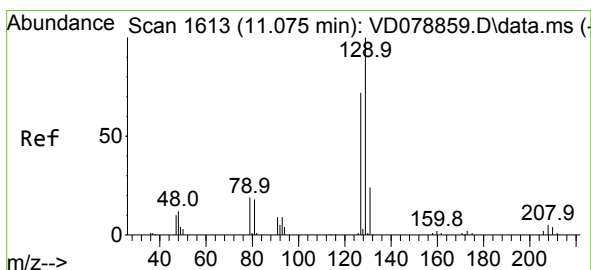
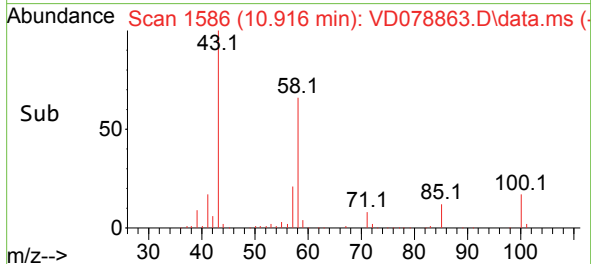
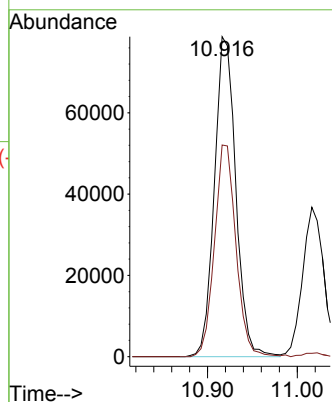
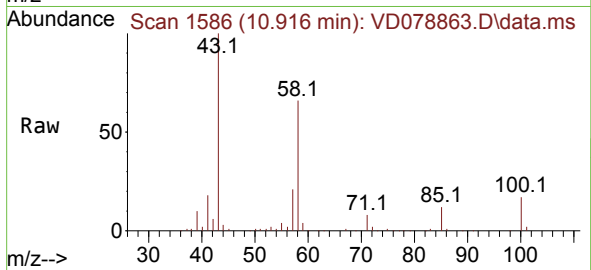




#59  
2-Hexanone  
Concen: 256.853 ug/l  
RT: 10.916 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

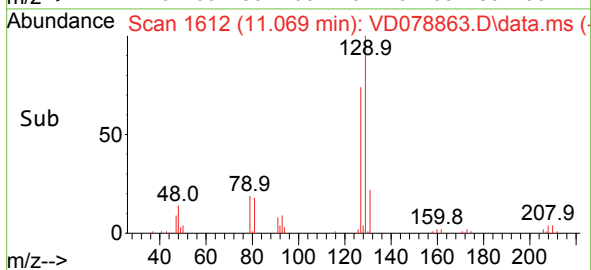
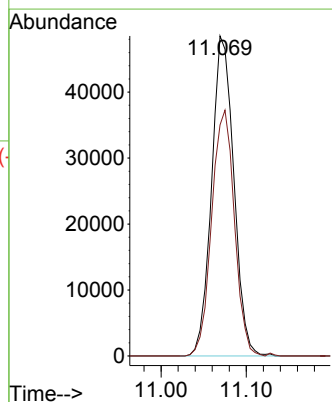
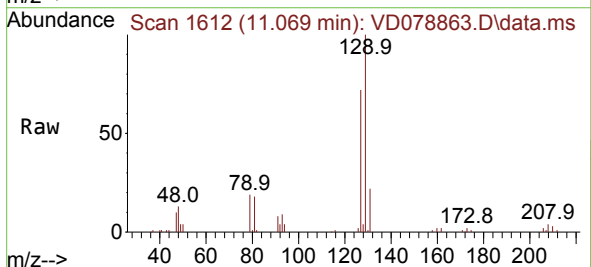
Instrument :  
MSVOA\_D  
ClientSampleId :

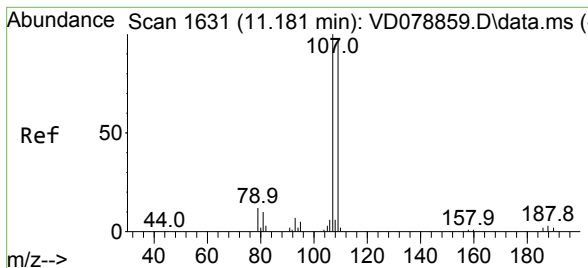
Tgt Ion: 43 Resp: 130381  
Ion Ratio Lower Upper  
43 100  
58 66.5 31.5 94.5



#60  
Dibromochloromethane  
Concen: 49.415 ug/l  
RT: 11.069 min Scan# 1612  
Delta R.T. -0.006 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Tgt Ion:129 Resp: 87895  
Ion Ratio Lower Upper  
129 100  
127 78.3 38.8 116.3

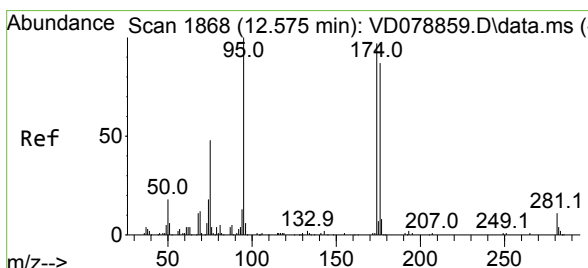
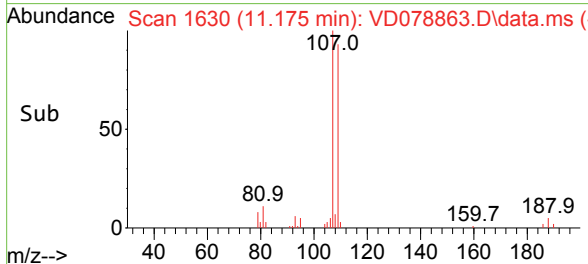
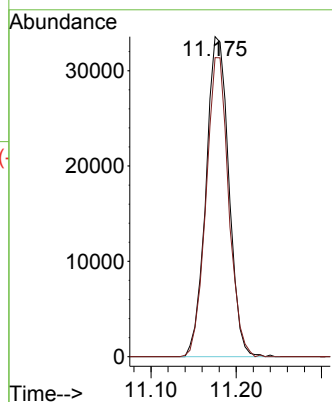
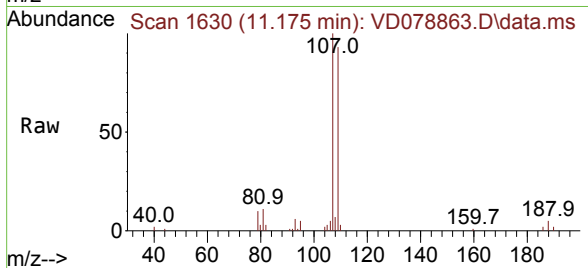




#61  
1,2-Dibromoethane  
Concen: 51.482 ug/l  
RT: 11.175 min Scan# 1630  
Delta R.T. -0.006 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

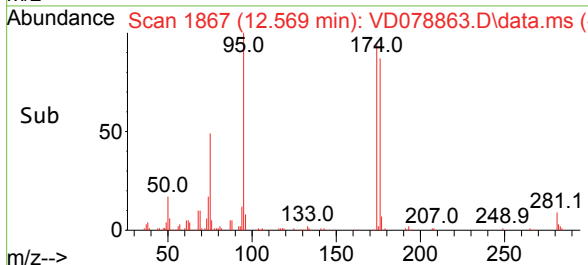
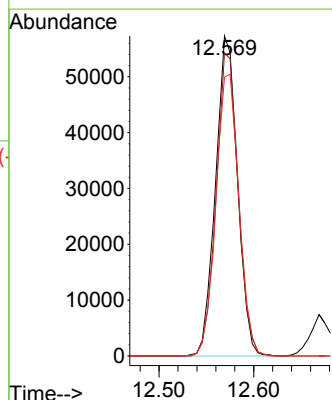
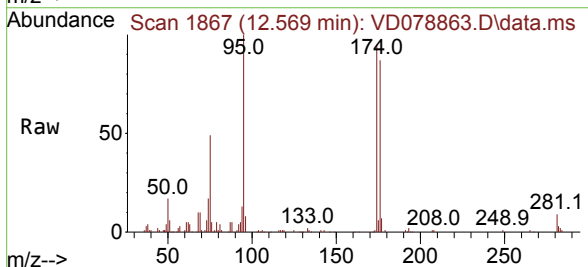
Instrument :  
MSVOA\_D  
ClientSampleId :

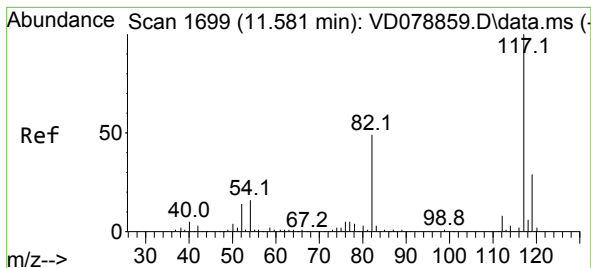
Tgt Ion:107 Resp: 62656  
Ion Ratio Lower Upper  
107 100  
109 92.2 74.8 112.2



#62  
4-Bromofluorobenzene  
Concen: 48.714 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Tgt Ion: 95 Resp: 92046  
Ion Ratio Lower Upper  
95 100  
174 95.7 0.0 195.2  
176 92.6 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

ClientSampleId :

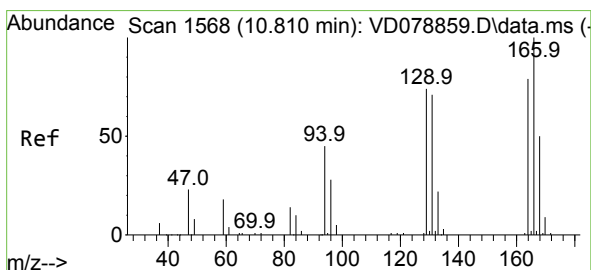
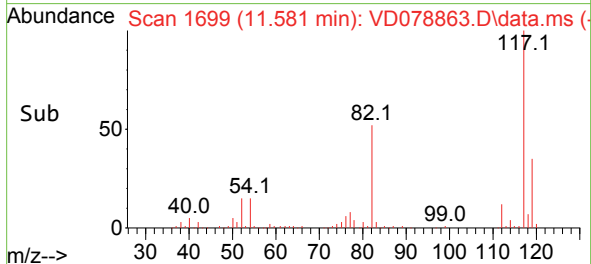
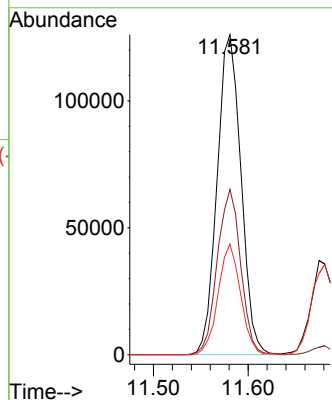
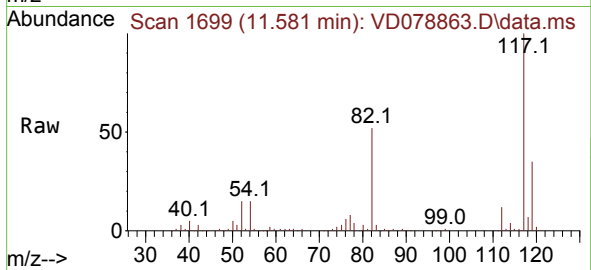
Tgt Ion:117 Resp: 221181

Ion Ratio Lower Upper

117 100

82 51.7 41.4 62.2

119 34.6 26.5 39.7



#64

Tetrachloroethene

Concen: 51.246 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

Tgt Ion:164 Resp: 77312

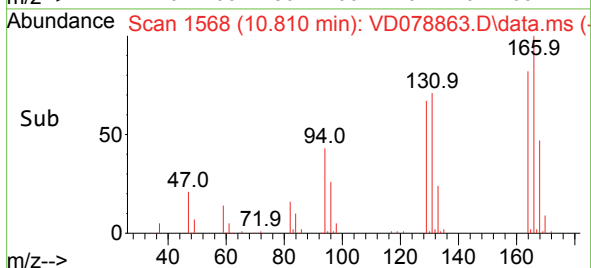
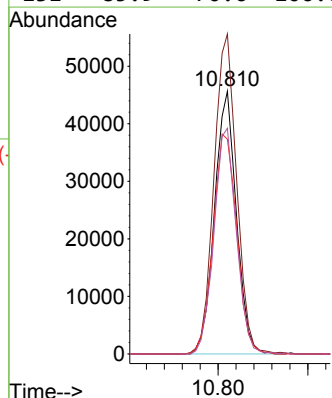
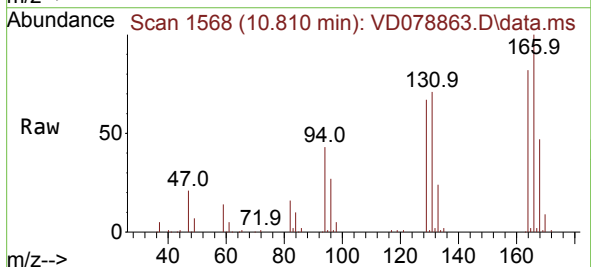
Ion Ratio Lower Upper

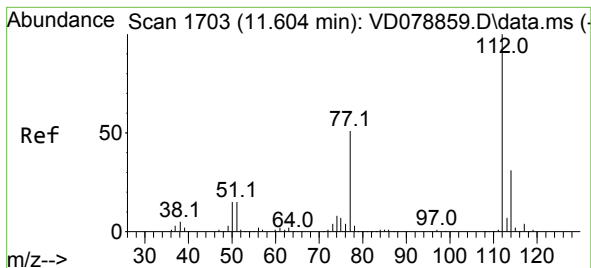
164 100

166 121.8 98.9 148.3

129 81.7 70.3 105.5

131 85.9 70.6 106.0





#65

Chlorobenzene

Concen: 50.349 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

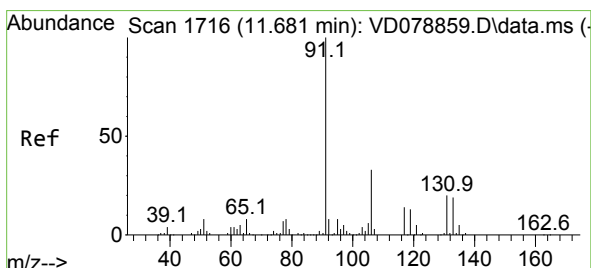
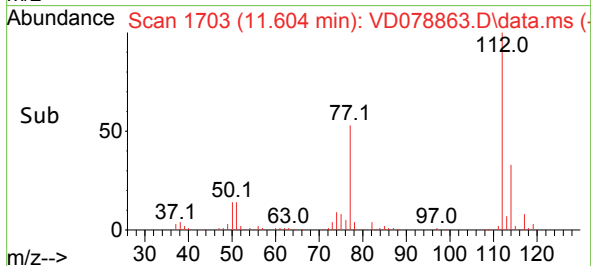
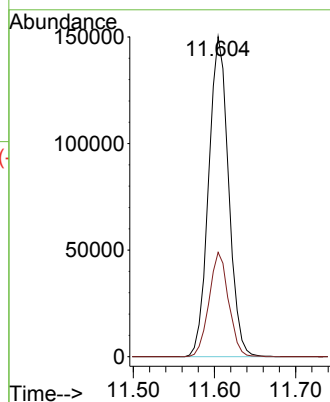
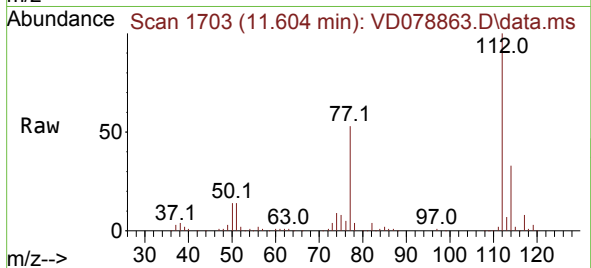
ClientSampleId :

Tgt Ion:112 Resp: 255574

Ion Ratio Lower Upper

112 100

114 32.6 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 49.038 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

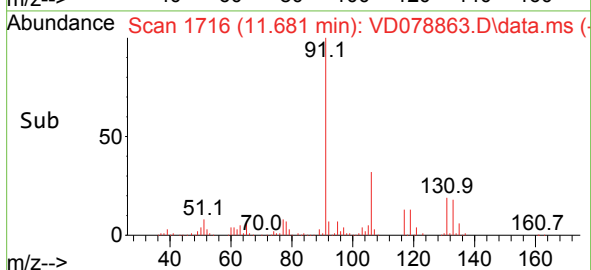
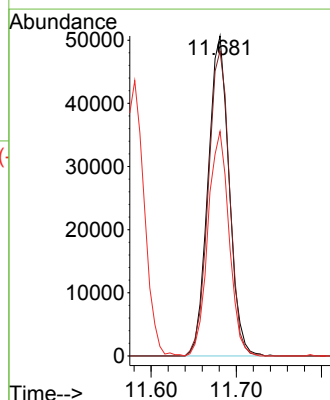
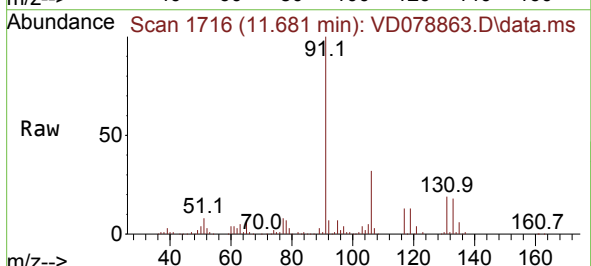
Tgt Ion:131 Resp: 87047

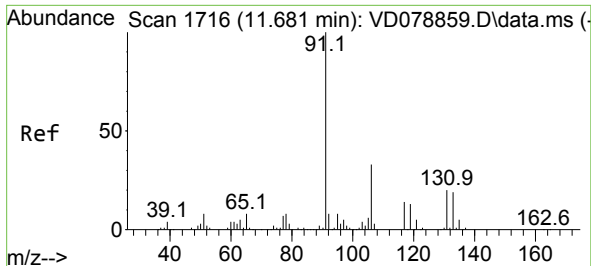
Ion Ratio Lower Upper

131 100

133 96.1 47.6 142.9

119 70.2 34.1 102.3

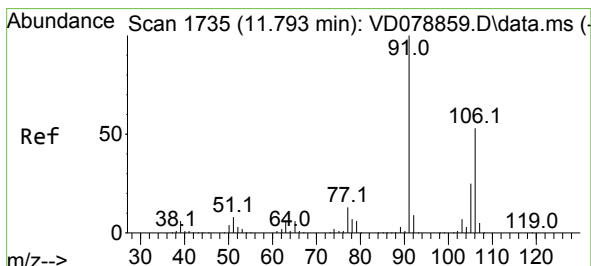
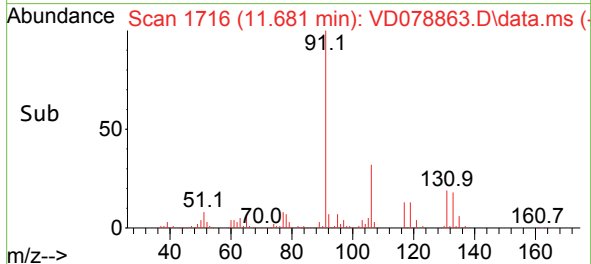
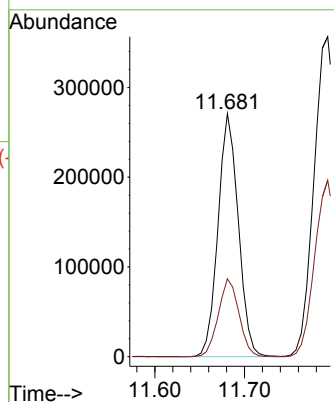
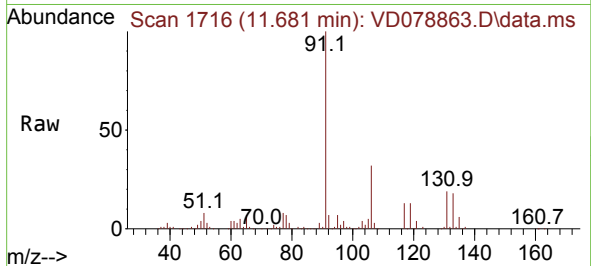




#67  
Ethyl Benzene  
Concen: 51.225 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

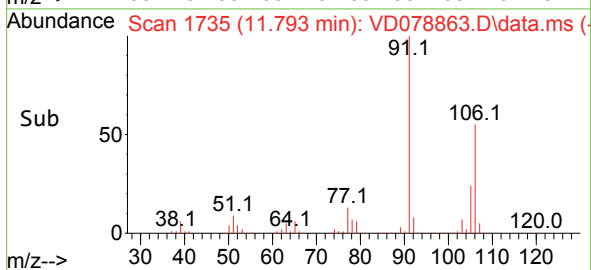
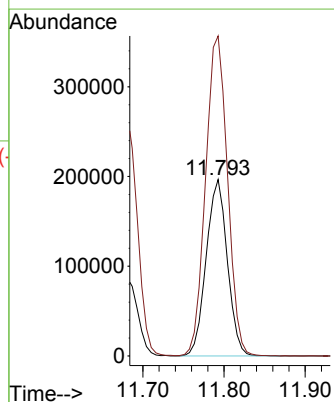
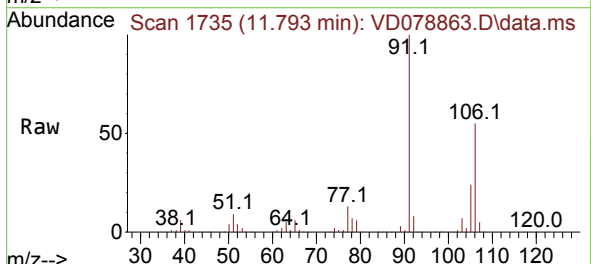
Instrument :  
MSVOA\_D  
ClientSampleId :

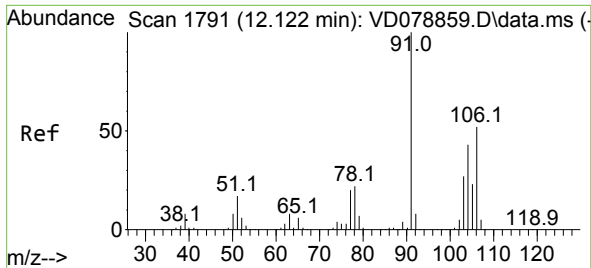
Tgt Ion: 91 Resp: 425314  
Ion Ratio Lower Upper  
91 100  
106 32.1 24.5 36.7



#68  
m/p-Xylenes  
Concen: 105.705 ug/l  
RT: 11.793 min Scan# 1735  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Tgt Ion: 106 Resp: 355357  
Ion Ratio Lower Upper  
106 100  
91 188.6 154.4 231.6

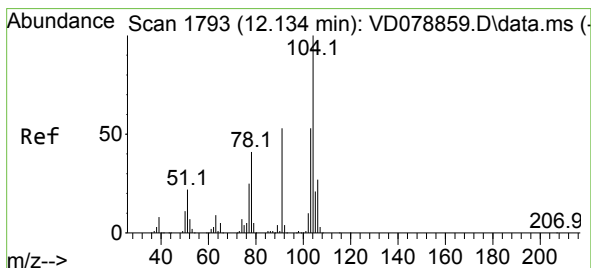
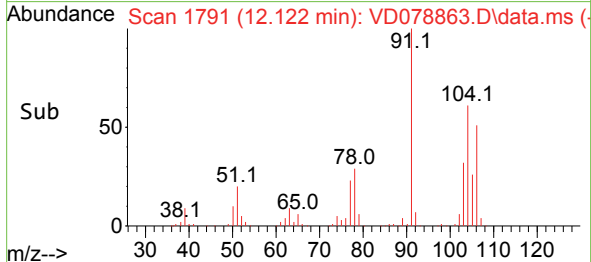
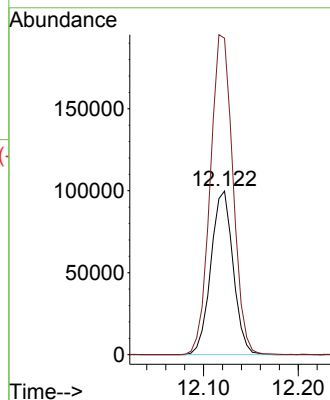
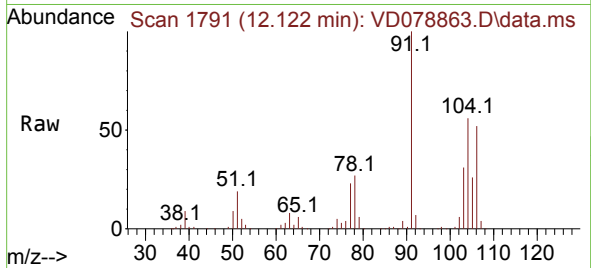




#69  
o-Xylene  
Concen: 52.865 ug/l  
RT: 12.122 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

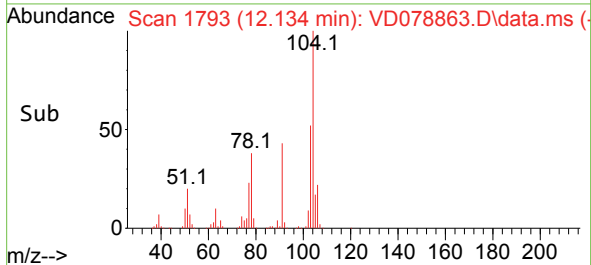
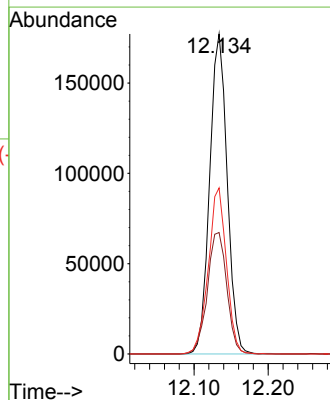
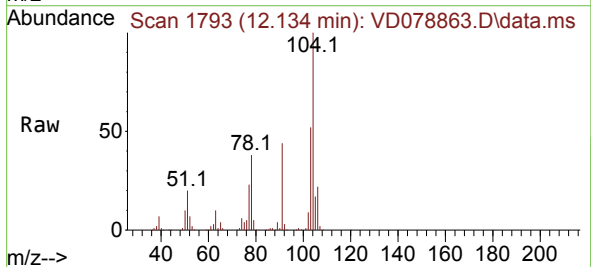
Instrument :  
MSVOA\_D  
ClientSampleId :

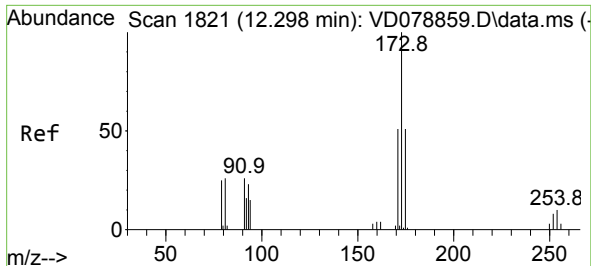
Tgt Ion:106 Resp: 162479  
Ion Ratio Lower Upper  
106 100  
91 199.8 99.6 298.7



#70  
Styrene  
Concen: 53.926 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Tgt Ion:104 Resp: 291424  
Ion Ratio Lower Upper  
104 100  
78 42.2 34.6 52.0  
103 53.7 44.2 66.2

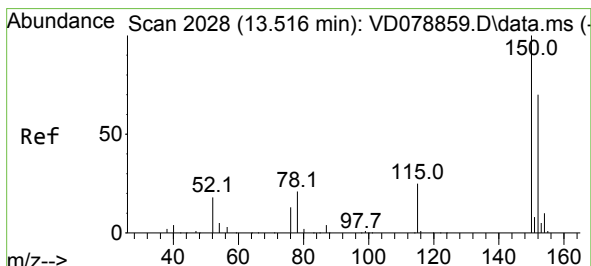
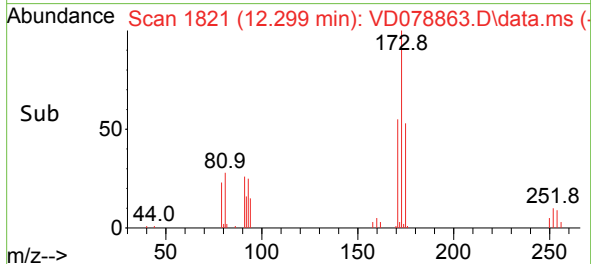
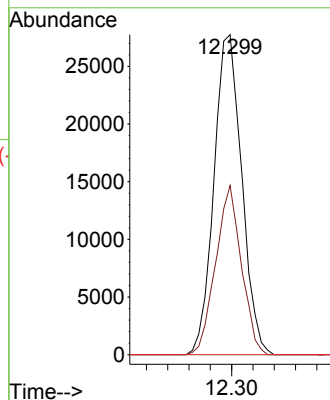
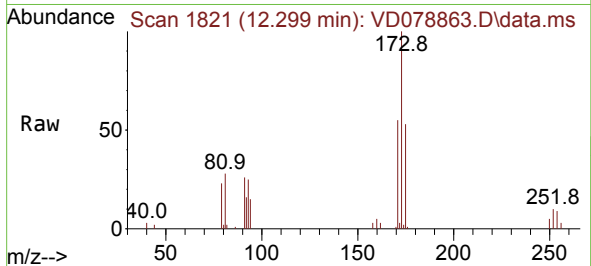




#71  
Bromoform  
Concen: 52.220 ug/l  
RT: 12.299 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

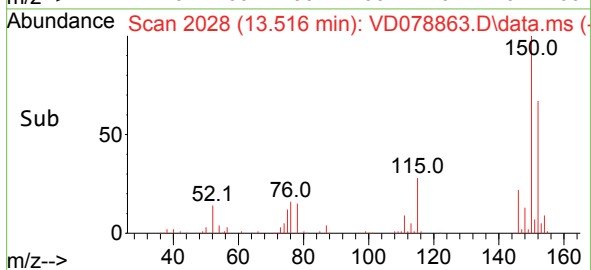
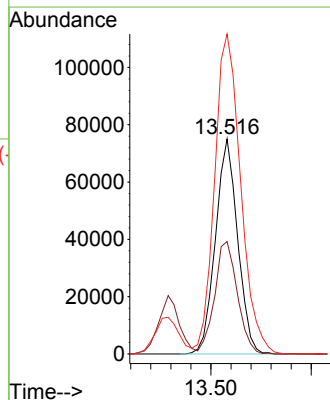
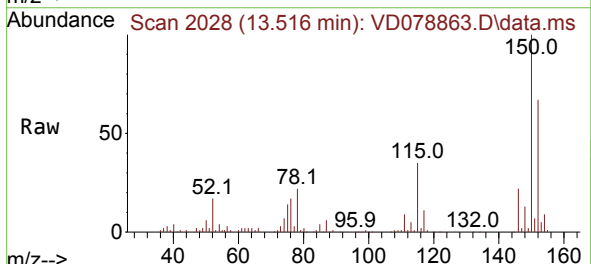
Instrument :  
MSVOA\_D  
ClientSampleId :

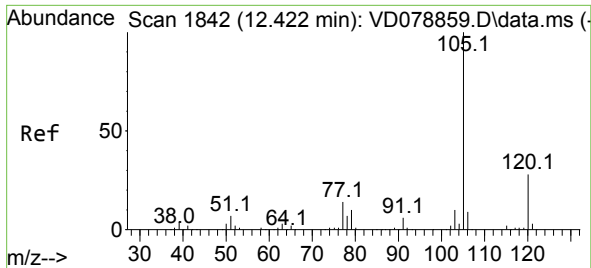
Tgt Ion:173 Resp: 50188  
Ion Ratio Lower Upper  
173 100  
175 48.9 25.8 77.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.516 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Tgt Ion:152 Resp: 115235  
Ion Ratio Lower Upper  
152 100  
115 53.5 27.1 81.2  
150 175.0 0.0 350.2

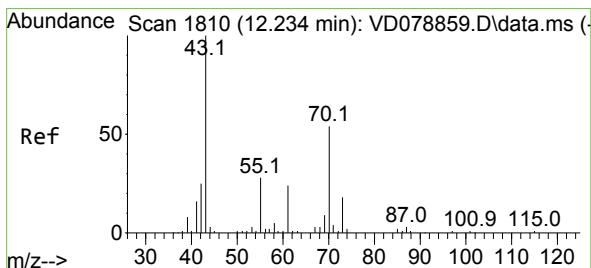
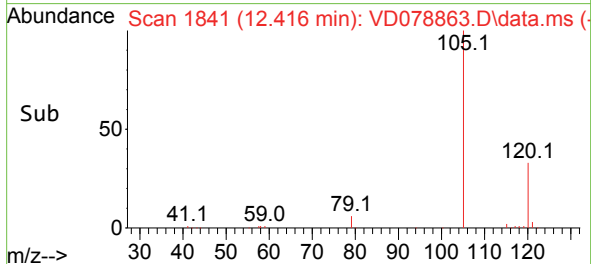
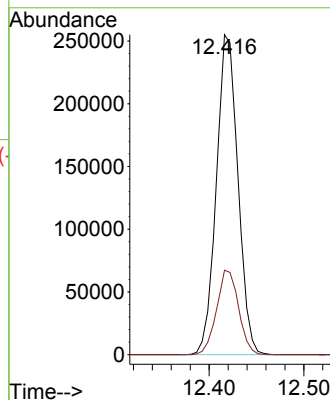
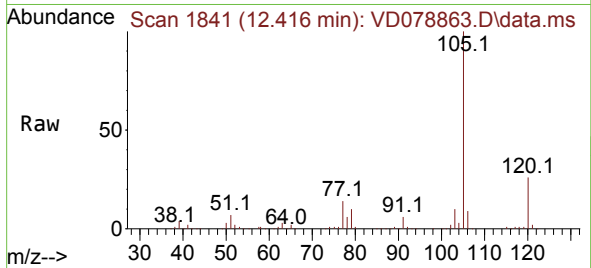




#73  
Isopropylbenzene  
Concen: 52.064 ug/l  
RT: 12.416 min Scan# 1841  
Delta R.T. -0.006 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

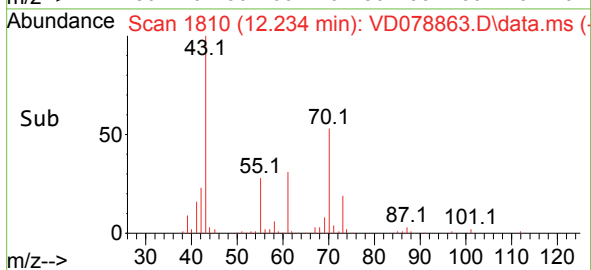
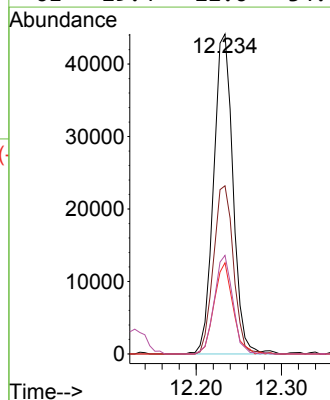
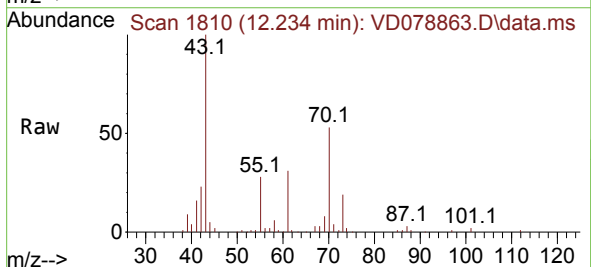
Instrument :  
MSVOA\_D  
ClientSampleId :

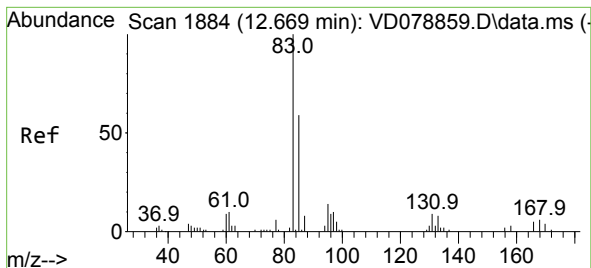
Tgt Ion:105 Resp: 404412  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.7 41.0



#74  
N-ethyl acetate  
Concen: 53.934 ug/l  
RT: 12.234 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Tgt Ion: 43 Resp: 69688  
Ion Ratio Lower Upper  
43 100  
70 54.2 42.1 63.1  
55 27.7 22.6 33.8  
61 29.4 22.6 34.0

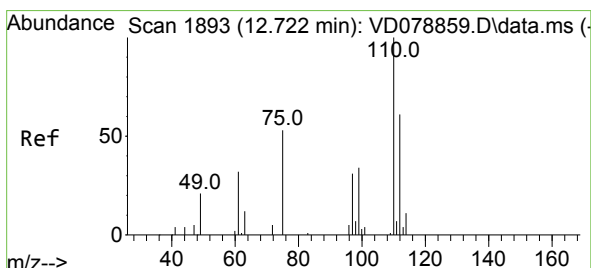
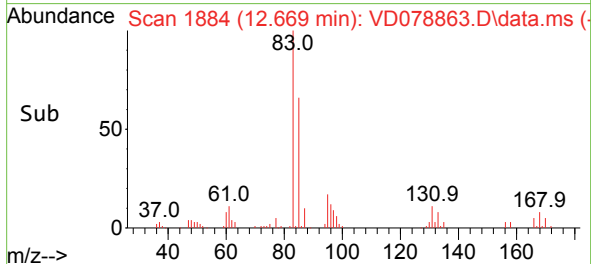
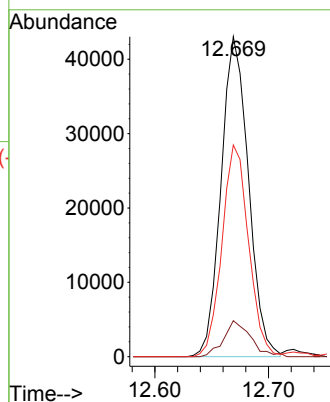
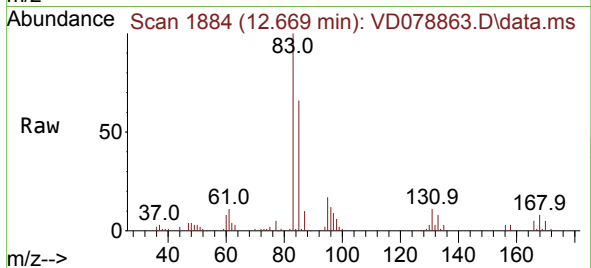




#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.474 ug/l  
RT: 12.669 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

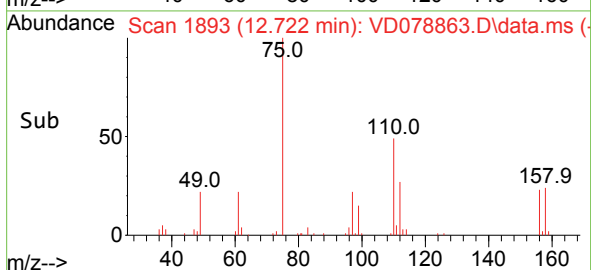
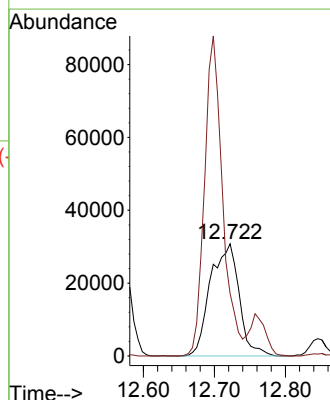
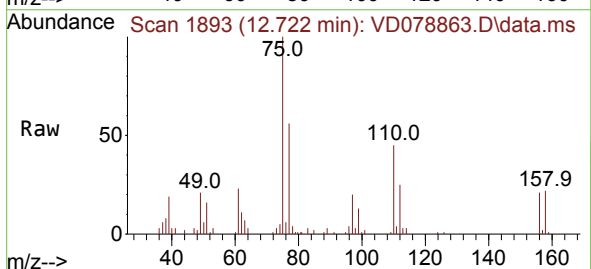
Instrument :  
MSVOA\_D  
ClientSampleId :

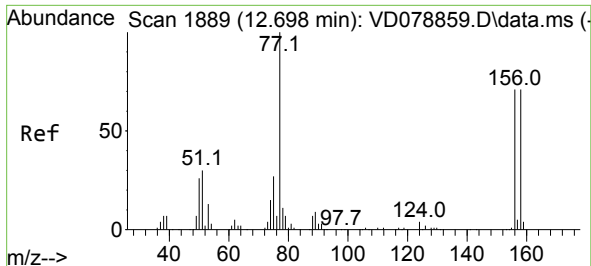
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 72002 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 11.1  | 4.9   | 14.7  |
| 85        | 64.3  | 32.2  | 96.6  |



#76  
1,2,3-Trichloropropane  
Concen: 90.152 ug/l  
RT: 12.722 min Scan# 1893  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 86428 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |

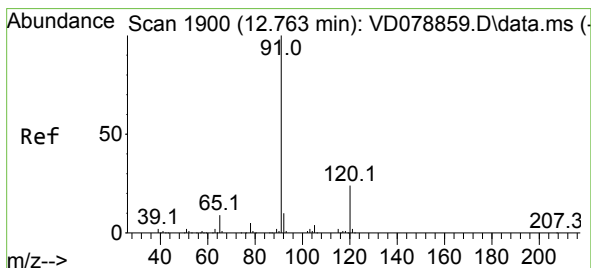
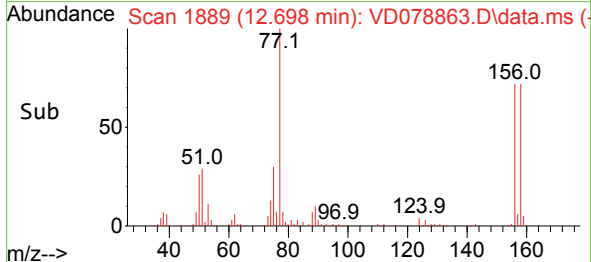
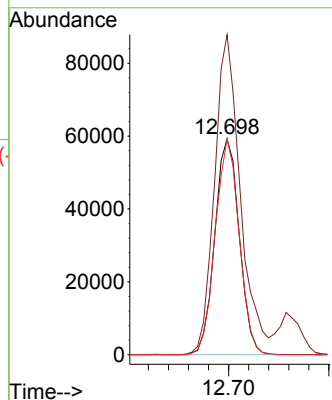
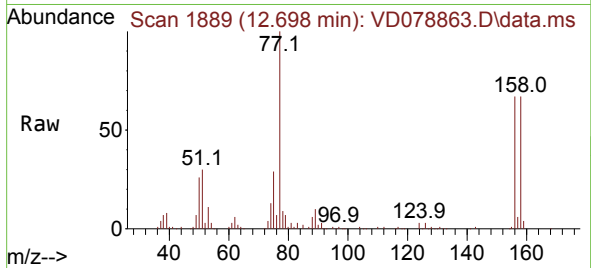




#77  
Bromobenzene  
Concen: 50.144 ug/l  
RT: 12.698 min Scan# 1889  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

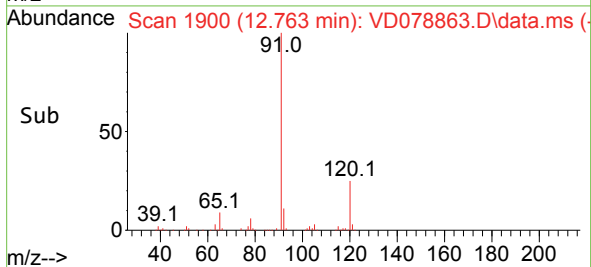
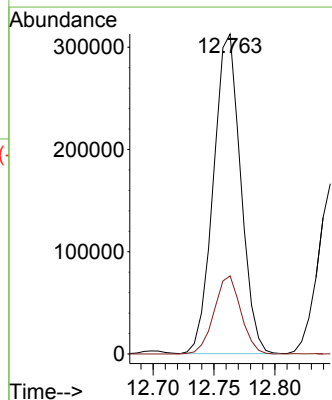
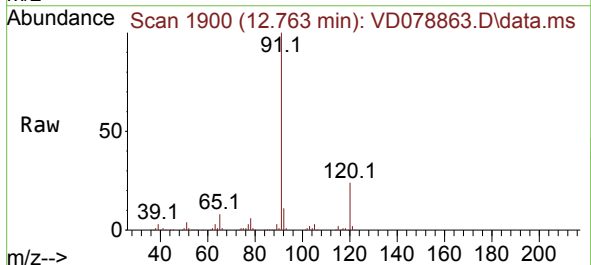
Instrument :  
MSVOA\_D  
ClientSampleId :

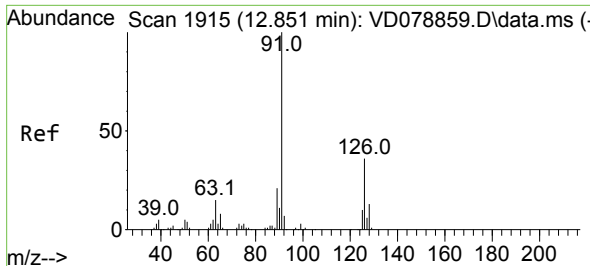
Tgt Ion:156 Resp: 100071  
Ion Ratio Lower Upper  
156 100  
77 156.5 79.1 237.3  
158 98.3 47.0 141.0



#78  
n-propylbenzene  
Concen: 51.732 ug/l  
RT: 12.763 min Scan# 1900  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

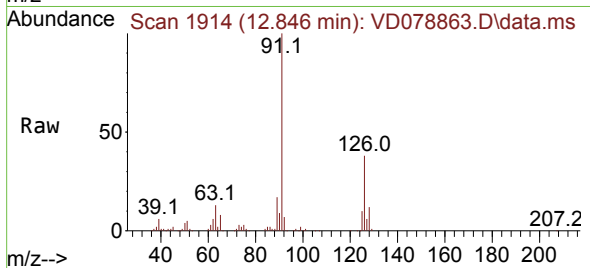
Tgt Ion: 91 Resp: 486983  
Ion Ratio Lower Upper  
91 100  
120 23.9 11.7 35.1



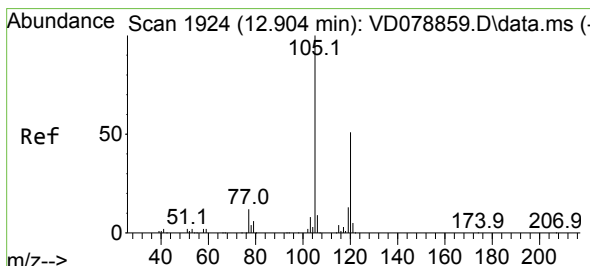
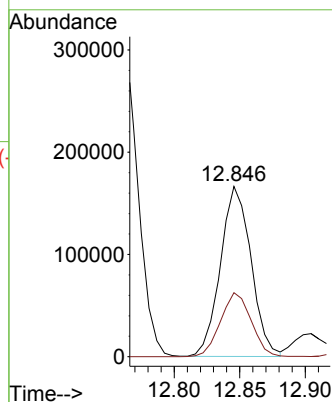
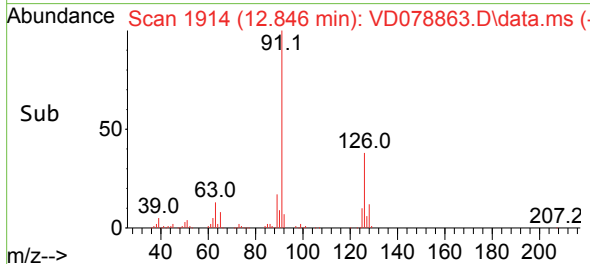


#79  
2-Chlorotoluene  
Concen: 51.531 ug/l  
RT: 12.846 min Scan# 1915  
Delta R.T. -0.006 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

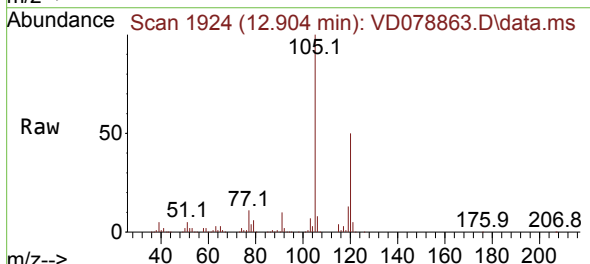
Instrument :  
MSVOA\_D  
ClientSampleId :



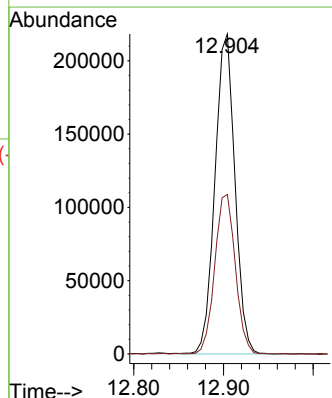
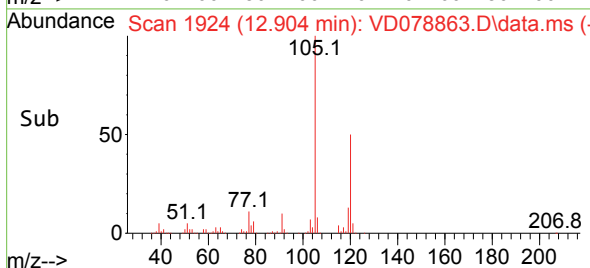
Tgt Ion: 91 Resp: 270752  
Ion Ratio Lower Upper  
91 100  
126 37.7 19.4 58.1

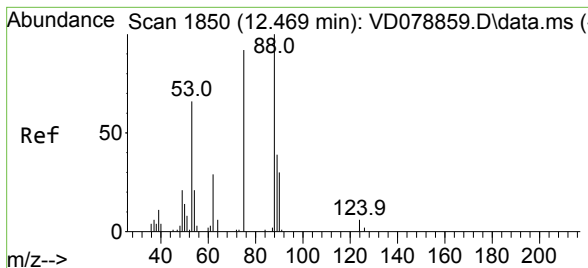


#80  
1,3,5-Trimethylbenzene  
Concen: 52.305 ug/l  
RT: 12.904 min Scan# 1924  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37



Tgt Ion: 105 Resp: 337377  
Ion Ratio Lower Upper  
105 100  
120 51.5 25.9 77.7

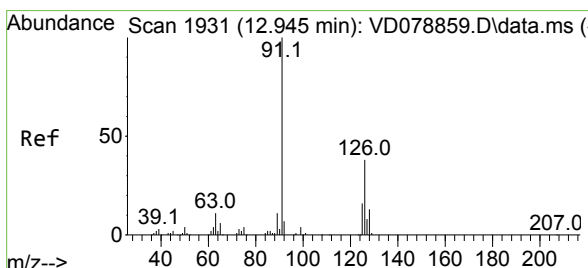
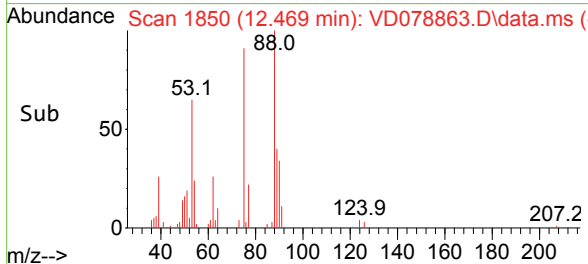
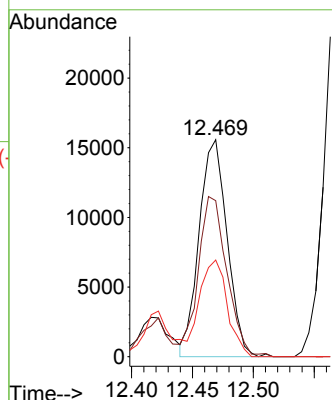
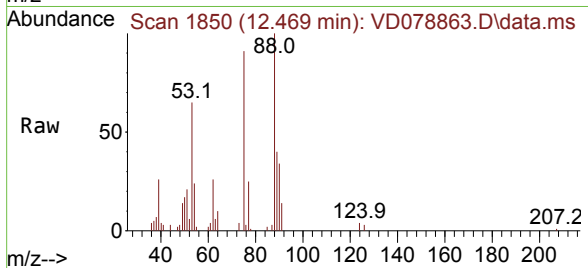




#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.765 ug/l  
RT: 12.469 min Scan# 1850  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

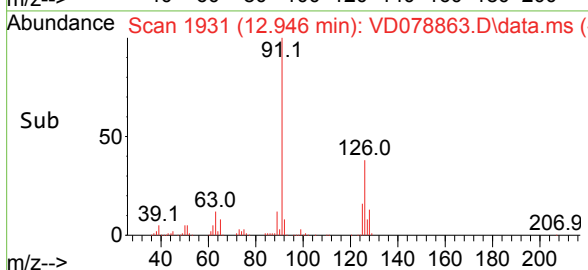
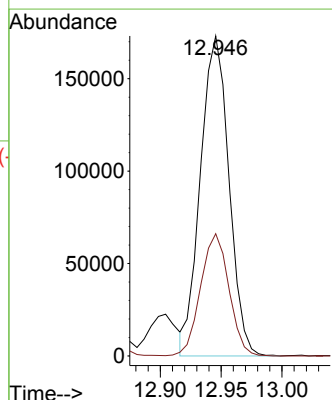
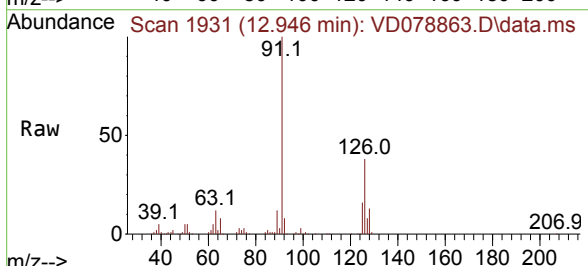
Instrument :  
MSVOA\_D  
ClientSampleId :

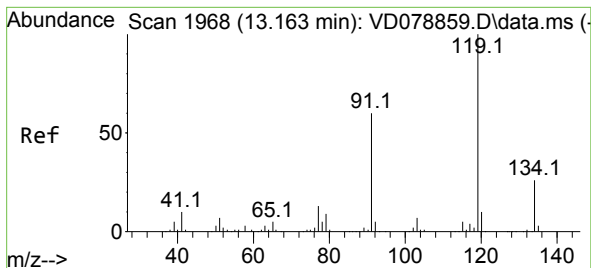
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 75.3  | 61.0  | 91.6  |
| 89      | 43.7  | 35.4  | 53.0  |



#82  
4-Chlorotoluene  
Concen: 50.346 ug/l  
RT: 12.946 min Scan# 1931  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 38.0  | 18.9  | 56.5  |





#83

tert-Butylbenzene

Concen: 53.199 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

ClientSampleId :

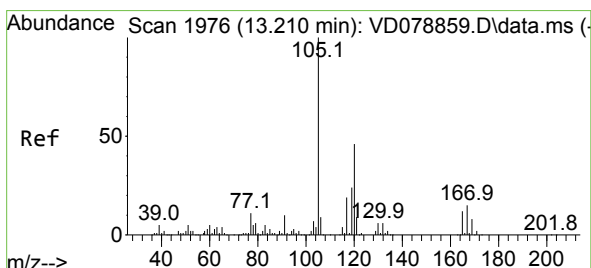
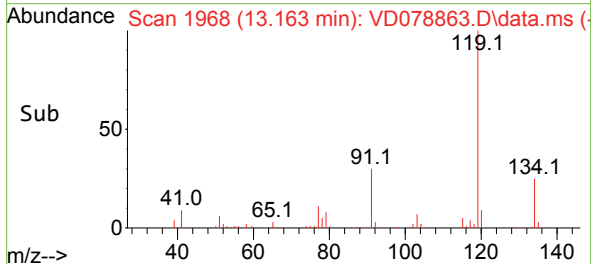
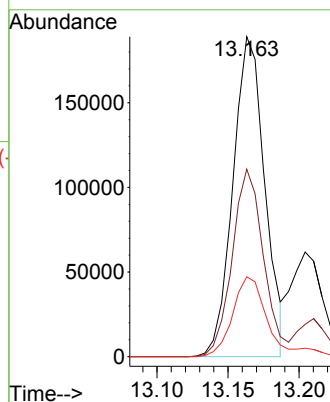
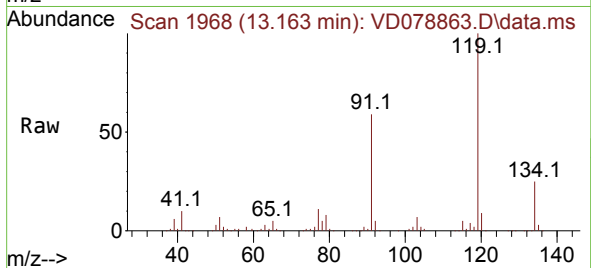
Tgt Ion:119 Resp: 295358

Ion Ratio Lower Upper

119 100

91 57.8 28.9 86.7

134 27.7 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 52.858 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078863.D

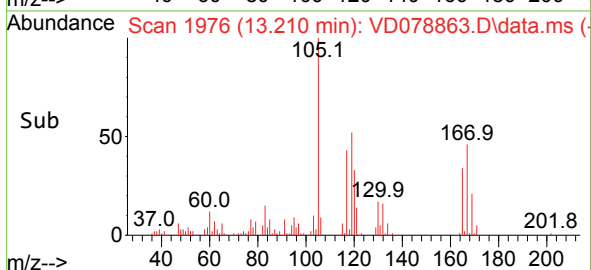
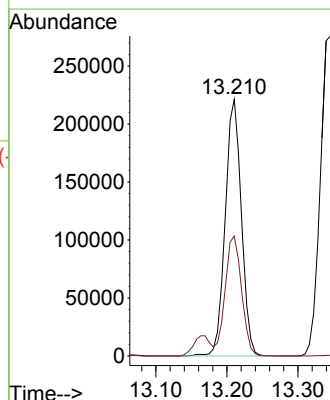
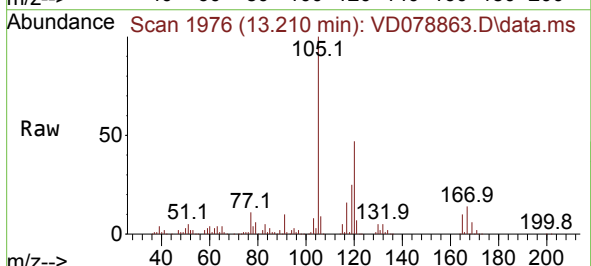
Acq: 01 May 2024 17:37

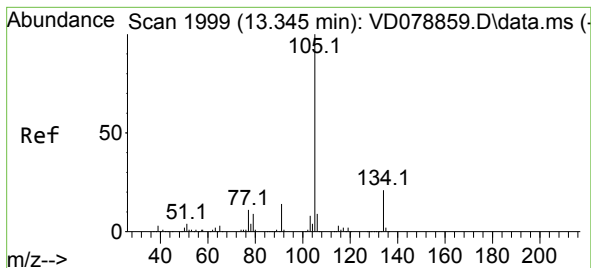
Tgt Ion:105 Resp: 348981

Ion Ratio Lower Upper

105 100

120 47.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 51.383 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

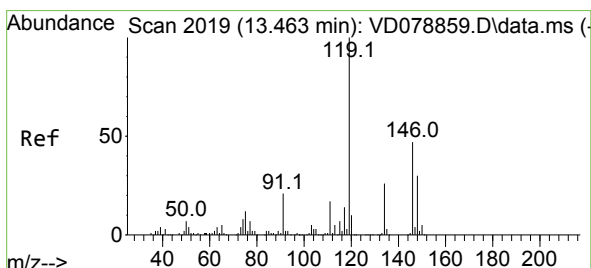
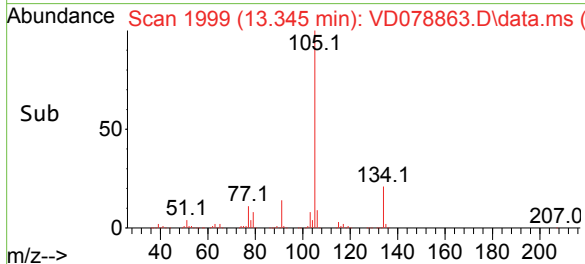
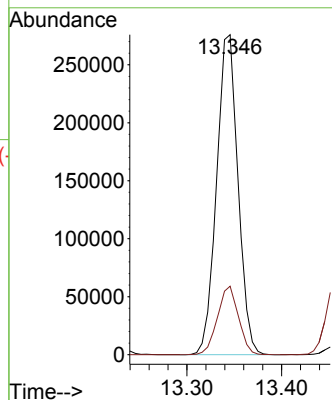
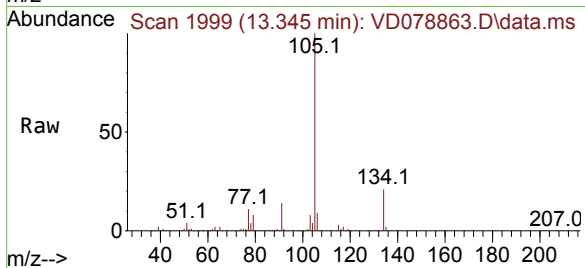
ClientSampleId :

Tgt Ion:105 Resp: 433204

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.2



#86

p-Isopropyltoluene

Concen: 52.715 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

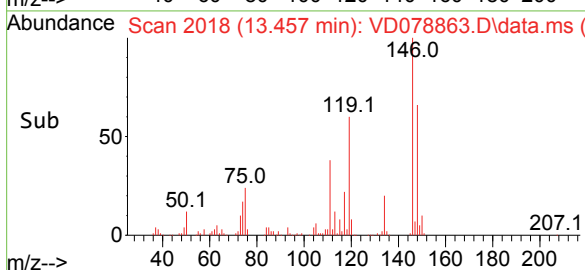
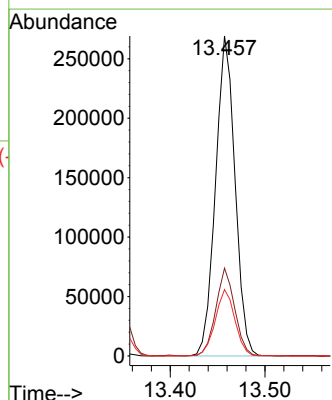
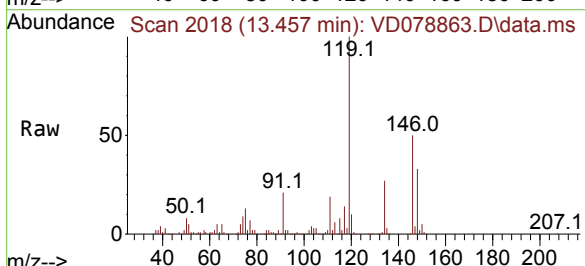
Tgt Ion:119 Resp: 385156

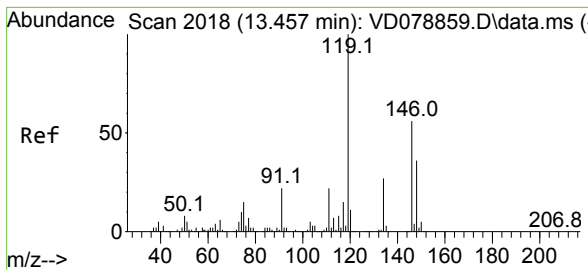
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

91 20.8 10.4 31.2





#87

1,3-Dichlorobenzene

Concen: 51.030 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

ClientSampleId :

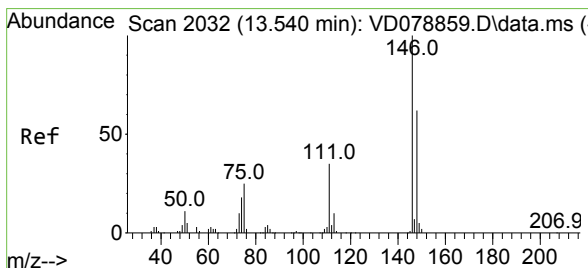
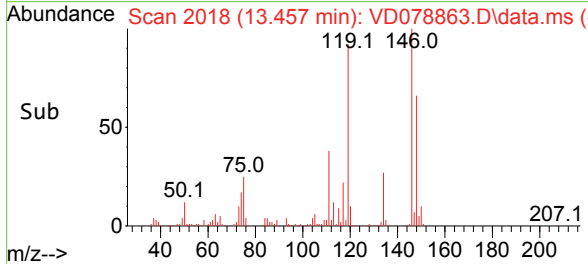
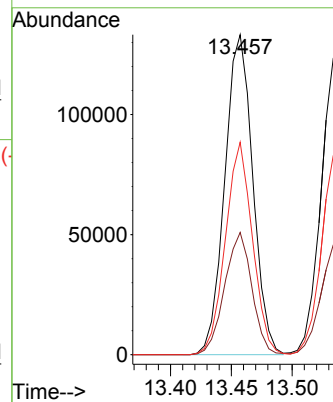
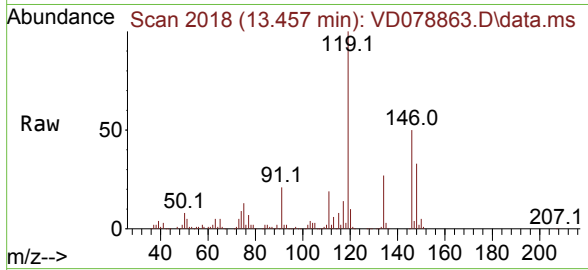
Tgt Ion:146 Resp: 213278

Ion Ratio Lower Upper

146 100

111 37.3 18.2 54.6

148 64.3 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 49.345 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

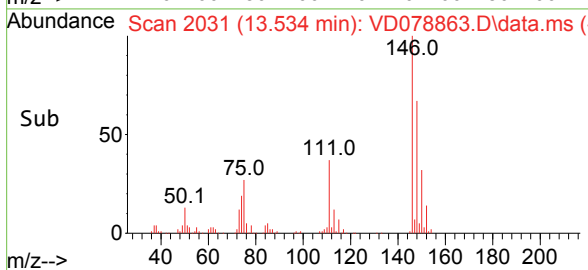
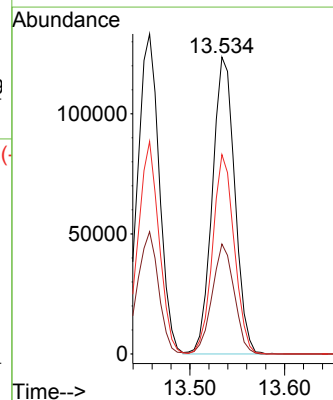
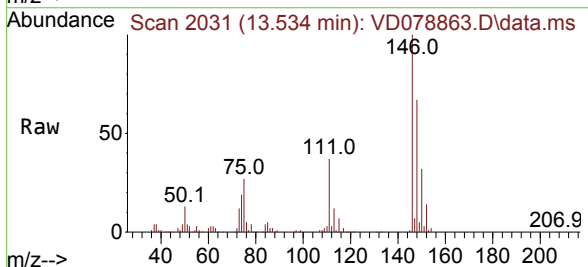
Tgt Ion:146 Resp: 204155

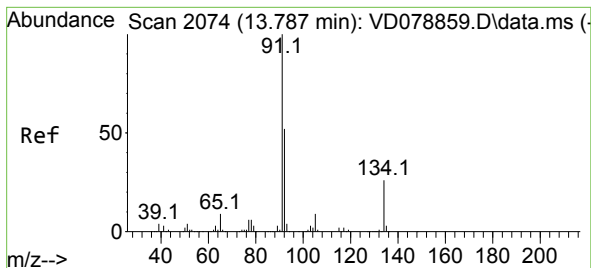
Ion Ratio Lower Upper

146 100

111 36.3 17.8 53.3

148 64.7 32.4 97.0





#89

n-Butylbenzene

Concen: 52.603 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

ClientSampleId :

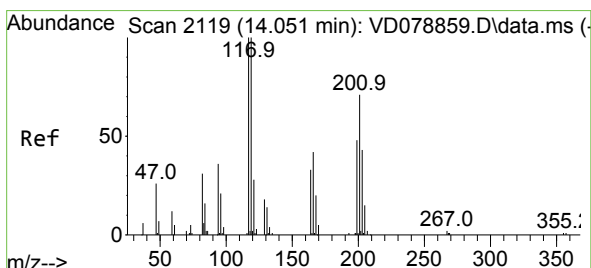
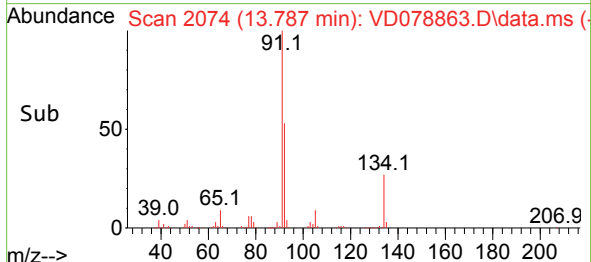
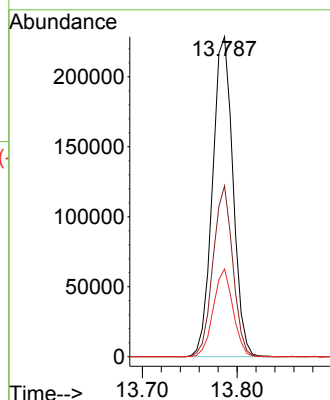
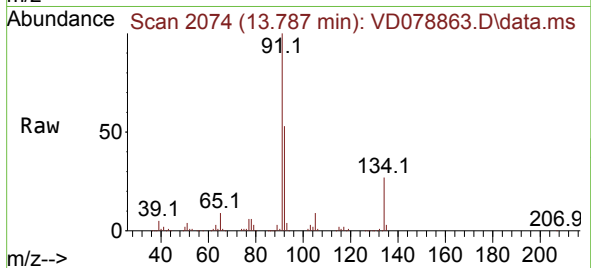
Tgt Ion: 91 Resp: 342642

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.0

134 26.5 13.0 38.9



#90

Hexachloroethane

Concen: 47.819 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078863.D

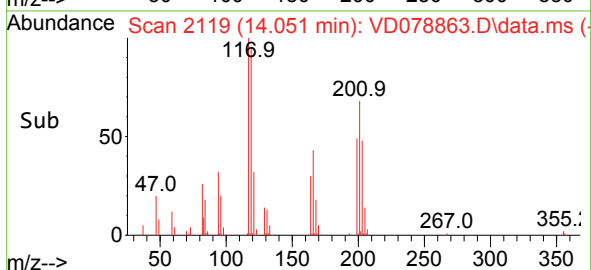
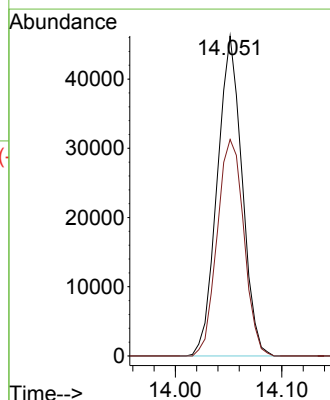
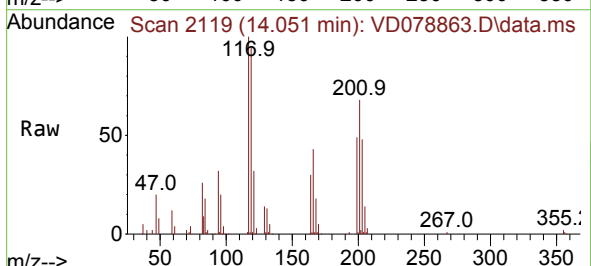
Acq: 01 May 2024 17:37

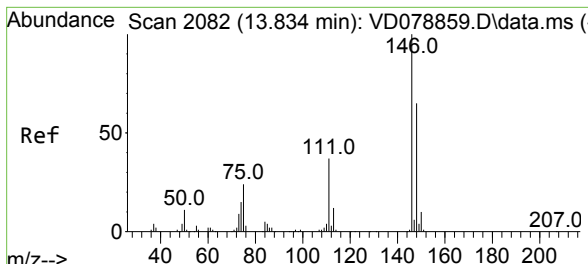
Tgt Ion: 117 Resp: 74749

Ion Ratio Lower Upper

117 100

201 72.7 36.2 108.6

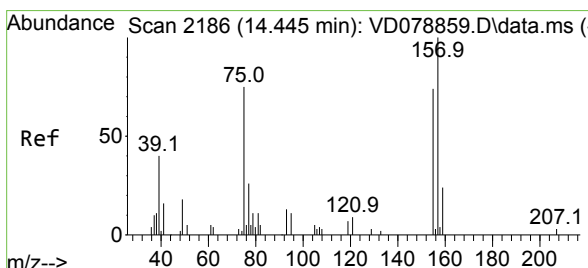
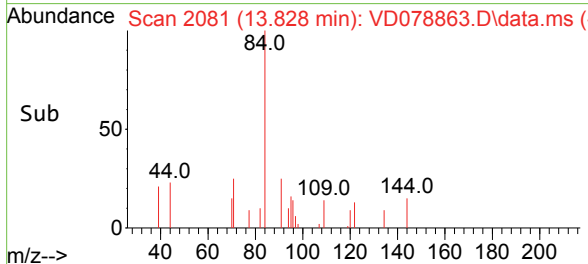
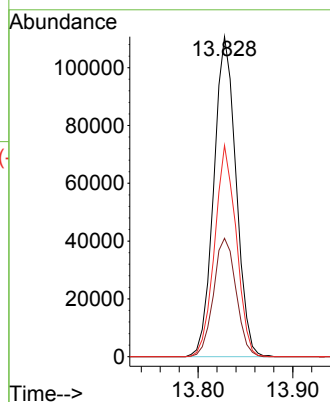
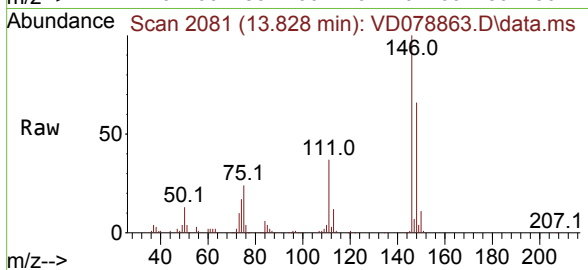




#91  
1,2-Dichlorobenzene  
Concen: 50.516 ug/l  
RT: 13.828 min Scan# 2081  
Delta R.T. -0.006 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

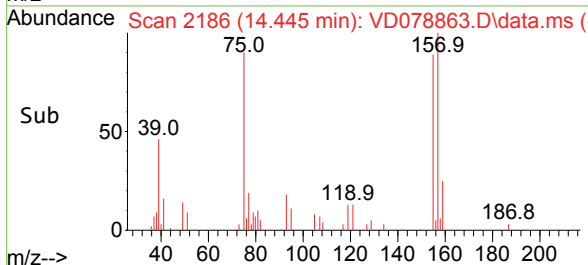
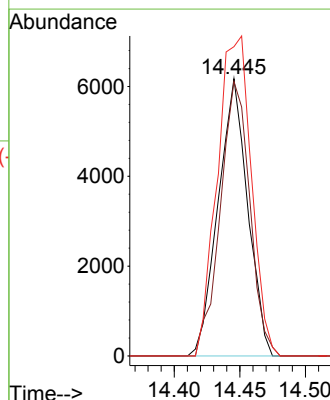
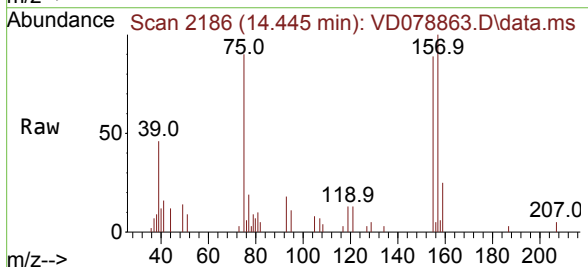
Instrument :  
MSVOA\_D  
ClientSampleId :

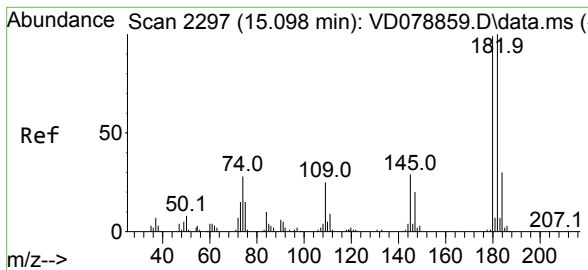
Tgt Ion:146 Resp: 180693  
Ion Ratio Lower Upper  
146 100  
111 37.5 18.6 56.0  
148 64.1 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 48.789 ug/l  
RT: 14.445 min Scan# 2186  
Delta R.T. 0.000 min  
Lab File: VD078863.D  
Acq: 01 May 2024 17:37

Tgt Ion: 75 Resp: 9667  
Ion Ratio Lower Upper  
75 100  
155 98.8 49.8 149.3  
157 133.4 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 54.406 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

ClientSampleId :

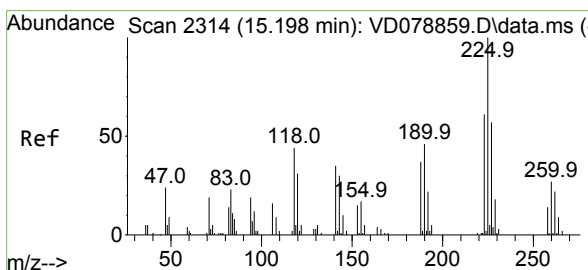
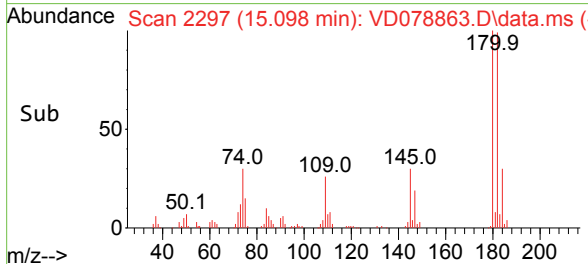
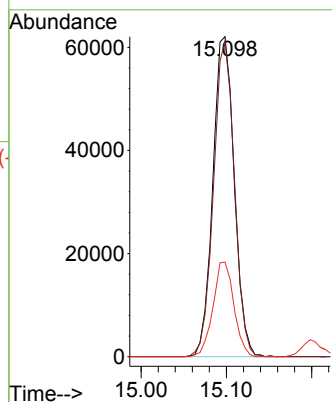
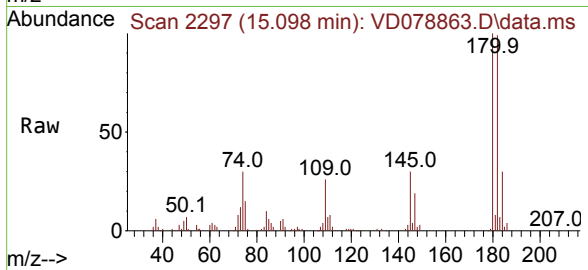
Tgt Ion:180 Resp: 108111

Ion Ratio Lower Upper

180 100

182 96.0 49.7 149.1

145 28.9 14.6 44.0



#94

Hexachlorobutadiene

Concen: 51.421 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.006 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

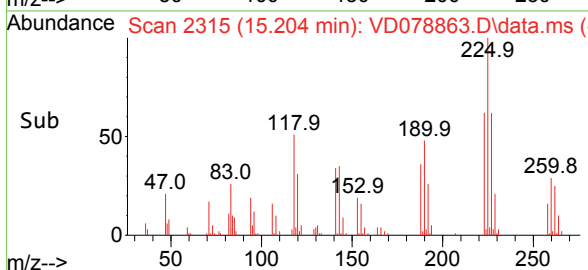
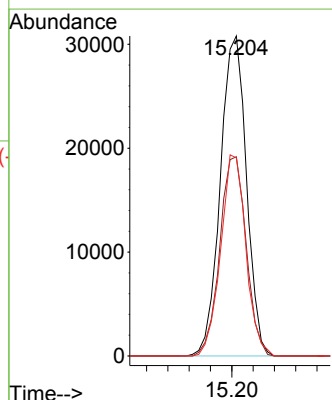
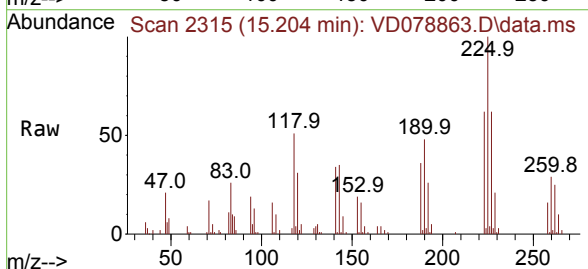
Tgt Ion:225 Resp: 52344

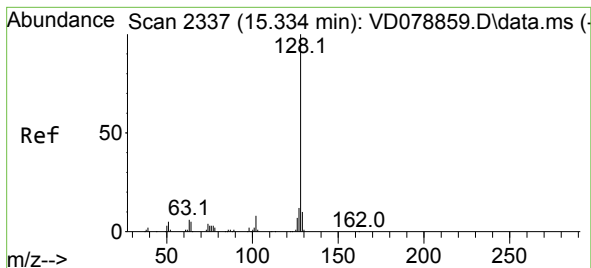
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.7

227 60.6 32.0 96.0





#95

Naphthalene

Concen: 55.952 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

Instrument :

MSVOA\_D

ClientSampleId :

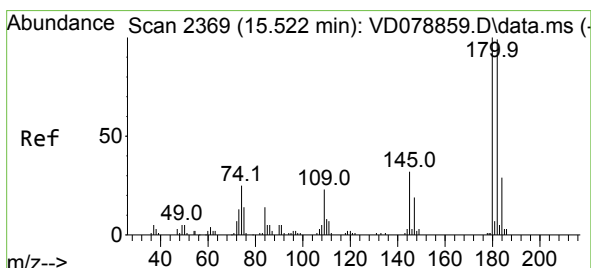
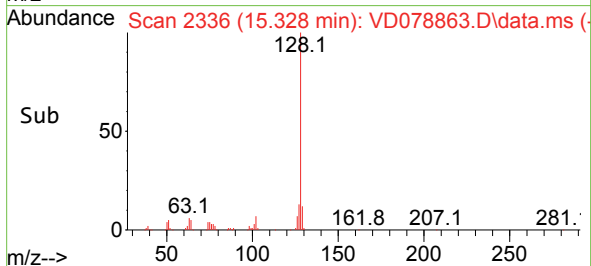
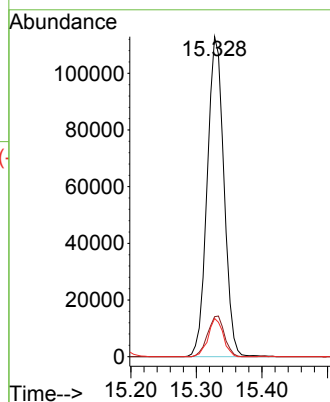
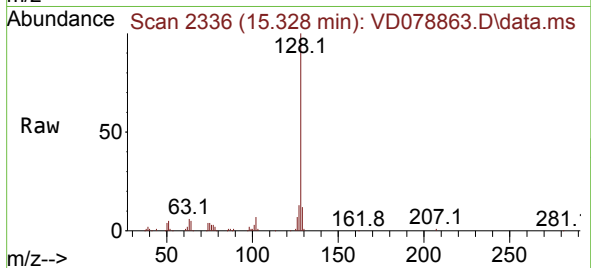
Tgt Ion:128 Resp: 200311

Ion Ratio Lower Upper

128 100

127 12.5 9.3 13.9

129 11.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 53.853 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD078863.D

Acq: 01 May 2024 17:37

Tgt Ion:180 Resp: 94802

Ion Ratio Lower Upper

180 100

182 98.0 46.7 140.1

145 30.5 14.4 43.4

