

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062824\  
 Data File : VD079283.D  
 Acq On : 28 Jun 2024 15:21  
 Operator : RP/MD  
 Sample : VSTDIC100  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 29 06:08:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062824S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 29 05:53:01 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Pentafluorobenzene        | 7.869  | 168   | 186761   | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.775  | 114   | 329024   | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5         | 11.581 | 117   | 306546   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.516 | 152   | 146354   | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4    | 8.228  | 65    | 172524   | 98.428   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | = 196.860%# |          |
| 35) Dibromofluoromethane     | 7.805  | 113   | 195133   | 90.352   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | = 180.700%# |          |
| 50) Toluene-d8               | 10.269 | 98    | 684642   | 88.119   | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | = 176.240%# |          |
| 62) 4-Bromofluorobenzene     | 12.569 | 95    | 250847   | 100.684  | ug/l        | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | = 201.360%# |          |
| Target Compounds             |        |       |          |          |             | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.929  | 85    | 195182   | 92.465   | ug/l        | 98       |
| 3) Chloromethane             | 2.146  | 50    | 289957   | 90.589   | ug/l        | 98       |
| 4) Vinyl Chloride            | 2.276  | 62    | 320300   | 89.741   | ug/l        | 98       |
| 5) Bromomethane              | 2.670  | 94    | 264036   | 98.235   | ug/l        | 99       |
| 6) Chloroethane              | 2.823  | 64    | 231337   | 91.371   | ug/l        | 99       |
| 7) Trichlorofluoromethane    | 3.164  | 101   | 369574   | 90.524   | ug/l        | 97       |
| 8) Diethyl Ether             | 3.587  | 74    | 119887   | 99.836   | ug/l        | 86       |
| 9) 1,1,2-Trichlorotrifluo... | 3.958  | 101   | 234959   | 92.632   | ug/l        | 92       |
| 10) Methyl Iodide            | 4.158  | 142   | 286585   | 103.724  | ug/l        | 97       |
| 11) Tert butyl alcohol       | 5.058  | 59    | 60947    | 487.711  | ug/l #      | 84       |
| 12) 1,1-Dichloroethene       | 3.934  | 96    | 239640   | 97.599   | ug/l        | 87       |
| 13) Acrolein                 | 3.793  | 56    | 119136   | 482.049  | ug/l        | 99       |
| 14) Allyl chloride           | 4.558  | 41    | 312224   | 99.640   | ug/l        | 87       |
| 15) Acrylonitrile            | 5.246  | 53    | 271573   | 496.175  | ug/l        | 99       |
| 16) Acetone                  | 4.017  | 43    | 244106   | 550.709  | ug/l        | 99       |
| 17) Carbon Disulfide         | 4.264  | 76    | 821090   | 95.193   | ug/l        | 99       |
| 18) Methyl Acetate           | 4.558  | 43    | 123631   | 96.005   | ug/l #      | 87       |
| 19) Methyl tert-butyl Ether  | 5.317  | 73    | 523087   | 103.979  | ug/l        | 98       |
| 20) Methylene Chloride       | 4.799  | 84    | 290533   | 100.860  | ug/l        | 92       |
| 21) trans-1,2-Dichloroethene | 5.305  | 96    | 264419   | 95.836   | ug/l #      | 85       |
| 22) Diisopropyl ether        | 6.217  | 45    | 681240   | 99.920   | ug/l        | 94       |
| 23) Vinyl Acetate            | 6.152  | 43    | 2733123  | 529.593  | ug/l        | 94       |
| 24) 1,1-Dichloroethane       | 6.111  | 63    | 451654   | 94.488   | ug/l        | 96       |
| 25) 2-Butanone               | 7.081  | 43    | 330331   | 534.930  | ug/l        | 98       |
| 26) 2,2-Dichloropropane      | 7.069  | 77    | 365494   | 96.854   | ug/l        | 99       |
| 27) cis-1,2-Dichloroethene   | 7.075  | 96    | 306046   | 101.251  | ug/l        | 87       |
| 28) Bromochloromethane       | 7.422  | 49    | 186128   | 93.389   | ug/l #      | 72       |
| 29) Tetrahydrofuran          | 7.446  | 42    | 200324   | 522.198  | ug/l        | 86       |
| 30) Chloroform               | 7.593  | 83    | 462376   | 93.771   | ug/l        | 99       |
| 31) Cyclohexane              | 7.875  | 56    | 376194   | 94.758   | ug/l        | 83       |
| 32) 1,1,1-Trichloroethane    | 7.793  | 97    | 382408   | 94.488   | ug/l        | 98       |
| 36) 1,1-Dichloropropene      | 8.005  | 75    | 344370   | 102.631  | ug/l        | 95       |
| 37) Ethyl Acetate            | 7.169  | 43    | 138933   | 108.776  | ug/l        | 97       |
| 38) Carbon Tetrachloride     | 7.987  | 117   | 336655   | 98.798   | ug/l        | 95       |
| 39) Methylcyclohexane        | 9.269  | 83    | 437215   | 110.753  | ug/l        | 91       |
| 40) Benzene                  | 8.246  | 78    | 1069239  | 102.138  | ug/l        | 96       |

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 Sample : VSTDICC100  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Jun 29 06:08:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062824S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 29 05:53:01 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.399  | 41   | 79178    | 112.779  | ug/l # | 85       |
| 42) 1,2-Dichloroethane        | 8.322  | 62   | 248434   | 98.674   | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.358  | 43   | 254655   | 103.309  | ug/l   | 96       |
| 44) Trichloroethene           | 9.028  | 130  | 233007   | 97.440   | ug/l   | 81       |
| 45) 1,2-Dichloropropane       | 9.299  | 63   | 252702   | 99.140   | ug/l   | 96       |
| 46) Dibromomethane            | 9.393  | 93   | 142028   | 98.245   | ug/l   | 89       |
| 47) Bromodichloromethane      | 9.581  | 83   | 350133   | 98.972   | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.381  | 41   | 121090   | 108.872  | ug/l   | 87       |
| 49) 1,4-Dioxane               | 9.381  | 88   | 30677    | 2070.826 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.157 | 43   | 691886   | 539.368  | ug/l   | 98       |
| 52) Toluene                   | 10.334 | 92   | 669300   | 105.019  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.552 | 75   | 333359   | 104.343  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.016 | 75   | 394424   | 102.893  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.728 | 97   | 184880   | 99.153   | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.593 | 69   | 256797   | 98.651   | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.875 | 76   | 321275   | 100.779  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.869  | 63   | 570104   | 480.191  | ug/l   | 89       |
| 59) 2-Hexanone                | 10.916 | 43   | 508796   | 558.531  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.069 | 129  | 232280   | 98.689   | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.175 | 107  | 174925   | 102.329  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.805 | 164  | 195048   | 102.122  | ug/l   | 89       |
| 65) Chlorobenzene             | 11.604 | 112  | 688024   | 100.908  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.681 | 131  | 230503   | 99.322   | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.681 | 91   | 1296620  | 108.979  | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.793 | 106  | 985990   | 214.850  | ug/l   | 88       |
| 69) o-Xylene                  | 12.116 | 106  | 454935   | 110.351  | ug/l   | 84       |
| 70) Styrene                   | 12.134 | 104  | 800686   | 108.904  | ug/l   | 95       |
| 71) Bromoform                 | 12.293 | 173  | 124323   | 98.780   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.416 | 105  | 1175141  | 108.012  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.234 | 43   | 252926   | 105.916  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 218216   | 96.216   | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.722 | 75   | 271669   | 187.140  | ug/l # | 100      |
| 77) Bromobenzene              | 12.699 | 156  | 248745   | 101.637  | ug/l   | 79       |
| 78) n-propylbenzene           | 12.763 | 91   | 1469659  | 105.515  | ug/l   | 94       |
| 79) 2-Chlorotoluene           | 12.846 | 91   | 817743   | 105.016  | ug/l   | 90       |
| 80) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 978962   | 106.277  | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 12.463 | 75   | 83752    | 106.109  | ug/l   | 93       |
| 82) 4-Chlorotoluene           | 12.946 | 91   | 839635   | 102.629  | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.163 | 119  | 818711   | 109.721  | ug/l   | 90       |
| 84) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 1002799  | 108.764  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 13.340 | 105  | 1275417  | 107.425  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 13.457 | 119  | 1078033  | 110.009  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.457 | 146  | 525472   | 100.972  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.534 | 146  | 505602   | 97.755   | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.787 | 91   | 1050580  | 109.254  | ug/l   | 96       |
| 90) Hexachloroethane          | 14.051 | 117  | 211097   | 97.937   | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene       | 13.828 | 146  | 445265   | 99.422   | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.445 | 75   | 30223    | 97.202   | ug/l   | 81       |
| 93) 1,2,4-Trichlorobenzene    | 15.098 | 180  | 256031   | 107.217  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.198 | 225  | 134485   | 101.278  | ug/l   | 97       |
| 95) Naphthalene               | 15.328 | 128  | 566399   | 121.516  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.516 | 180  | 227497   | 107.741  | ug/l   | 99       |

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Sample : VSTDICC100  
Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Jun 29 06:08:27 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D062824S.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 29 05:53:01 2024  
Response via : Initial Calibration

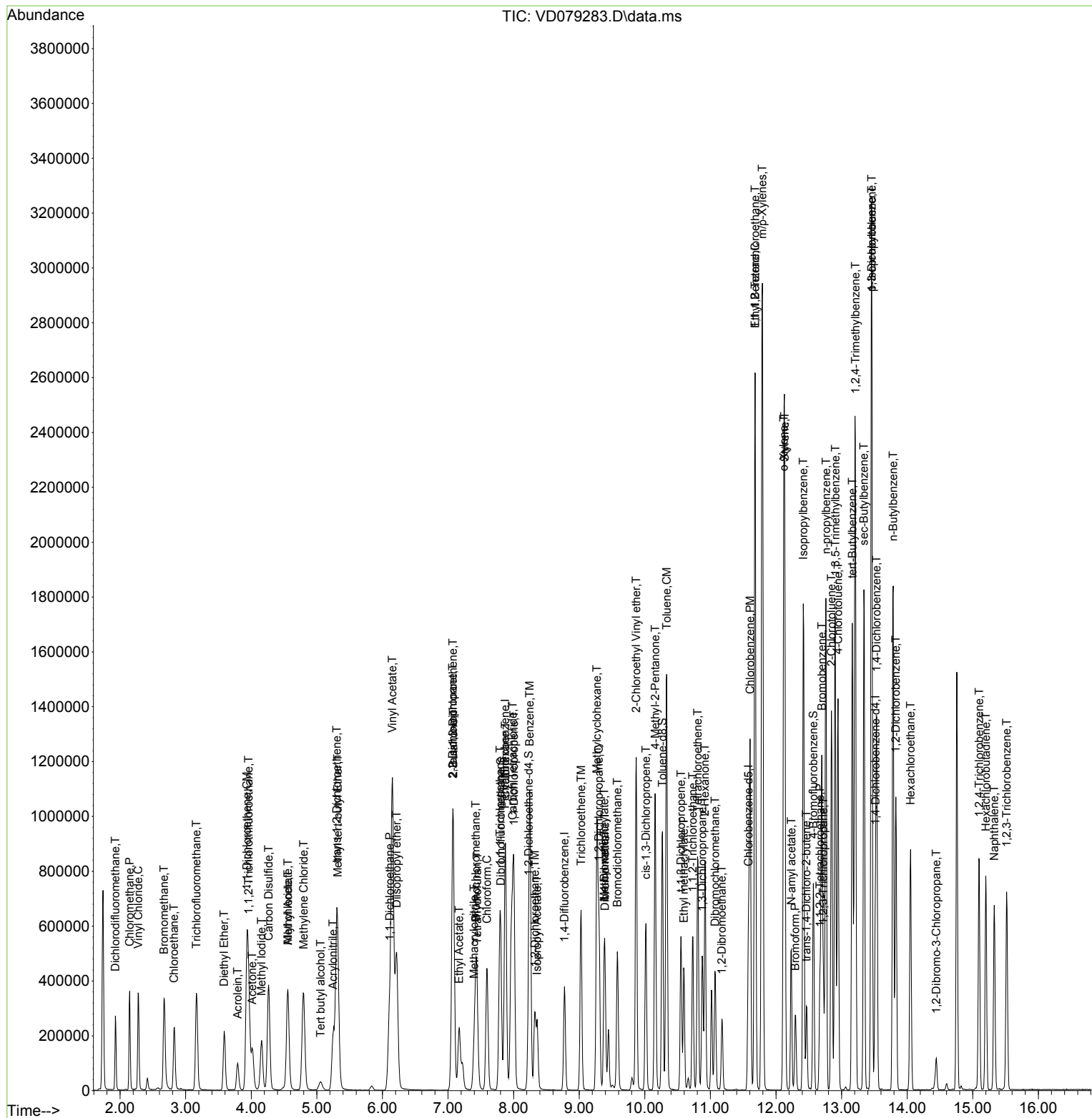
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

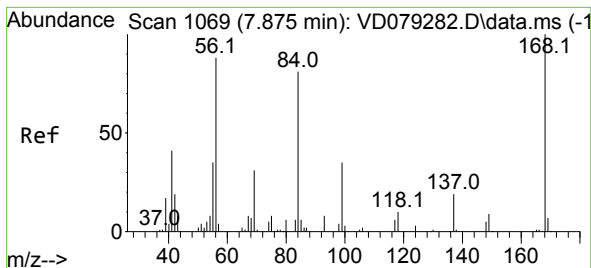
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062824\  
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 Sample : VSTDIC100  
 Misc : 5.00G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
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 Quant Title : SW846 8260  
 QLast Update : Sat Jun 29 05:53:01 2024  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 10

Delta R.T. -0.006 min

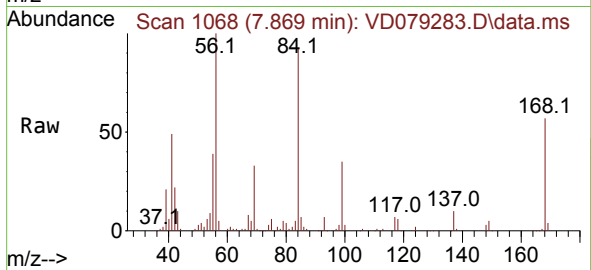
Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA\_D

ClientSampleId :

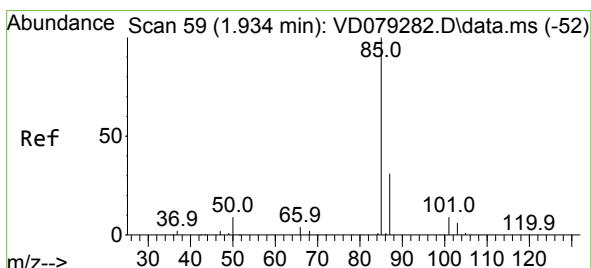
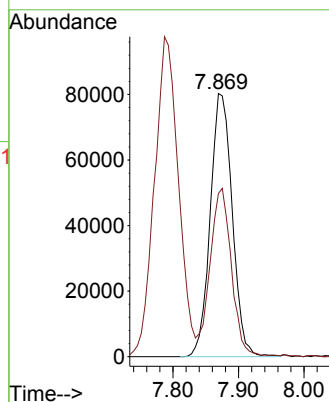
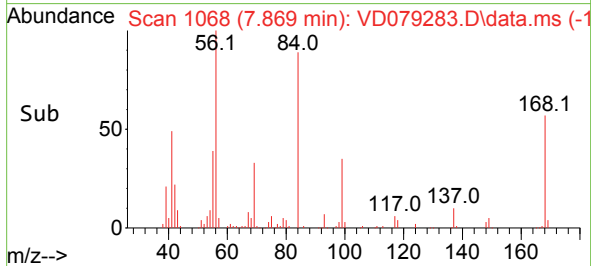


Tgt Ion:168 Resp: 186761

Ion Ratio Lower Upper

168 100

99 61.6 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 92.465 ug/l

RT: 1.929 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD079283.D

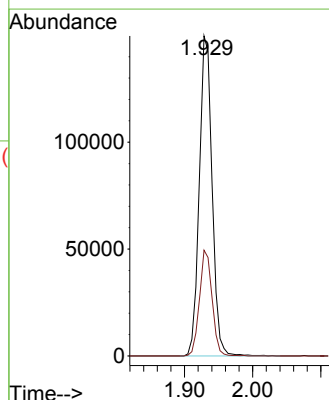
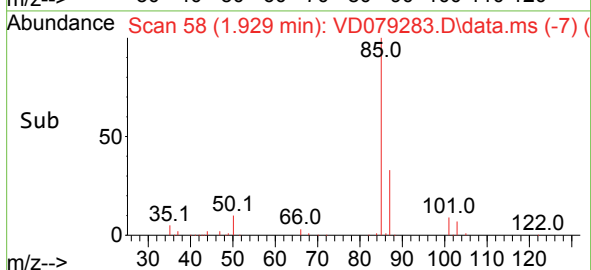
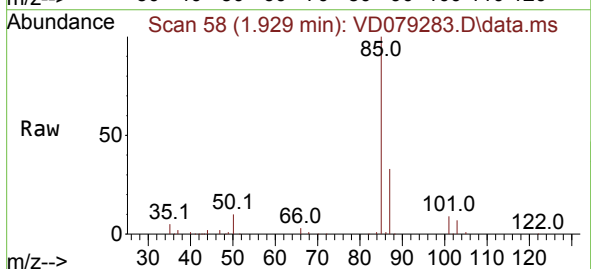
Acq: 28 Jun 2024 15:21

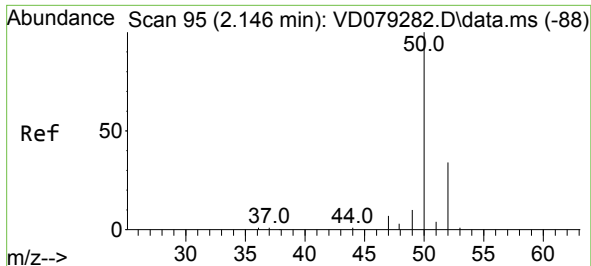
Tgt Ion: 85 Resp: 195182

Ion Ratio Lower Upper

85 100

87 33.1 16.0 48.0

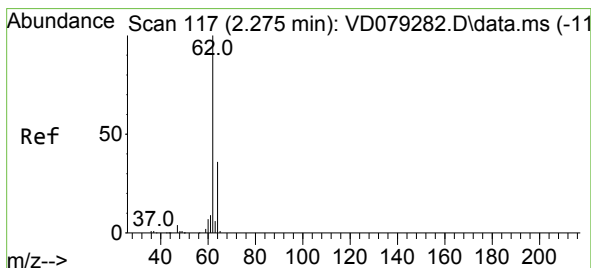
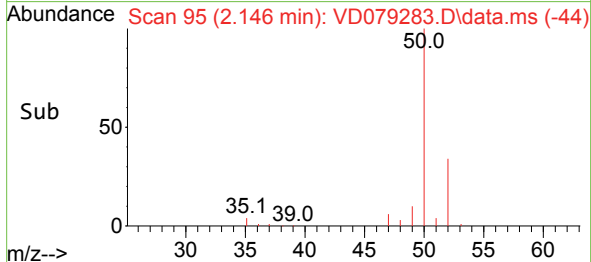
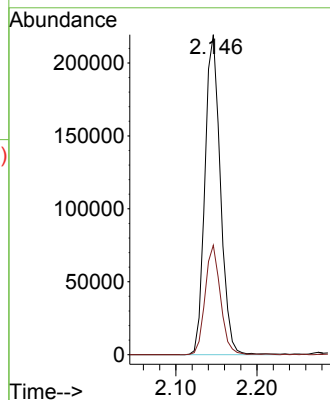
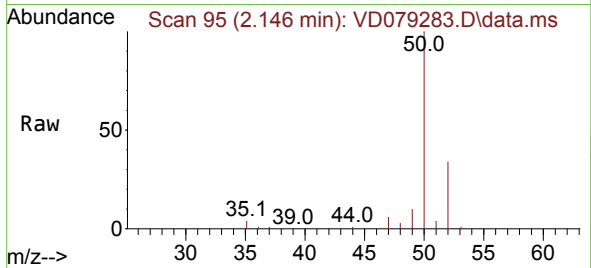




#3  
Chloromethane  
Concen: 90.589 ug/l  
RT: 2.146 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

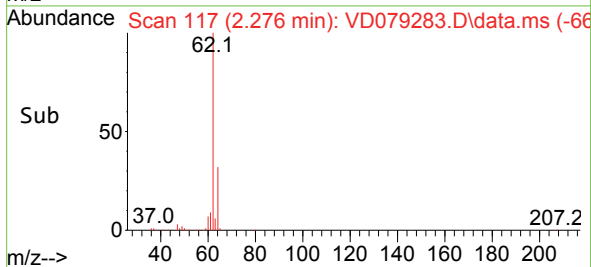
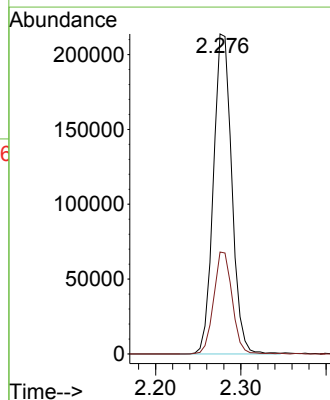
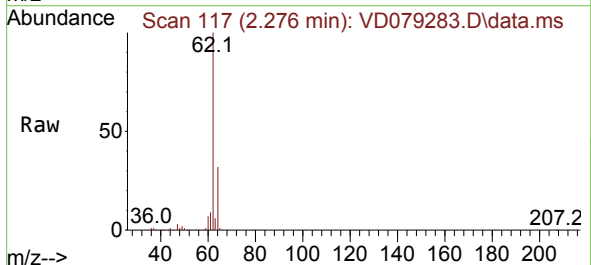
Instrument :  
MSVOA\_D  
ClientSampleId :

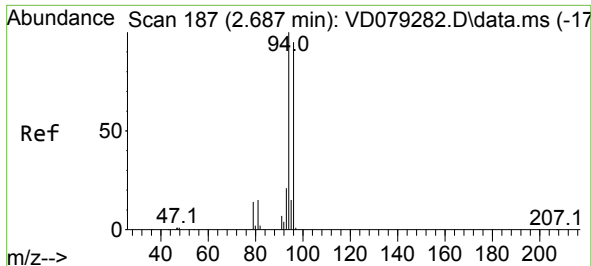
Tgt Ion: 50 Resp: 289957  
Ion Ratio Lower Upper  
50 100  
52 34.2 28.2 42.2



#4  
Vinyl Chloride  
Concen: 89.741 ug/l  
RT: 2.276 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

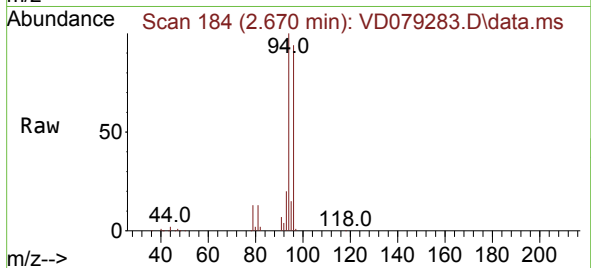
Tgt Ion: 62 Resp: 320300  
Ion Ratio Lower Upper  
62 100  
64 31.9 26.3 39.5



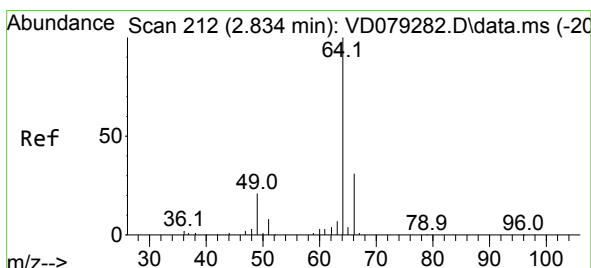
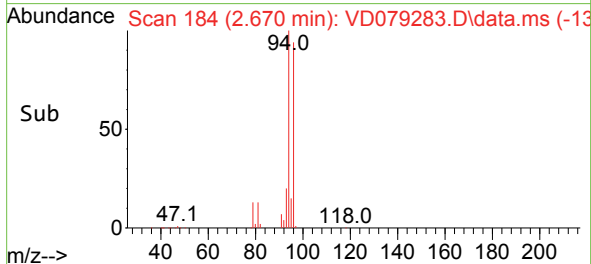
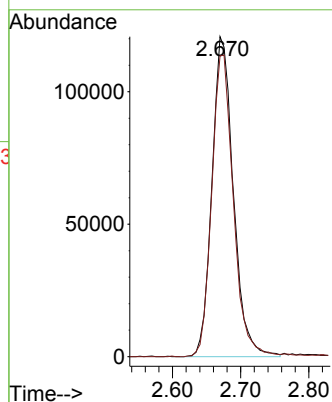


#5  
Bromomethane  
Concen: 98.235 ug/l  
RT: 2.670 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

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MSVOA\_D  
ClientSampleId :

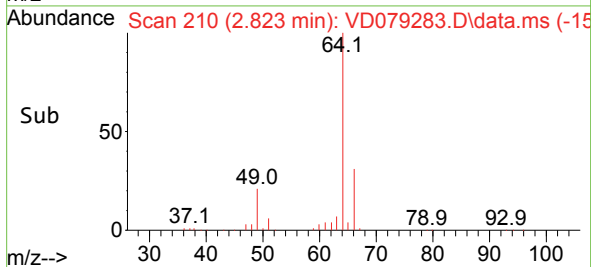
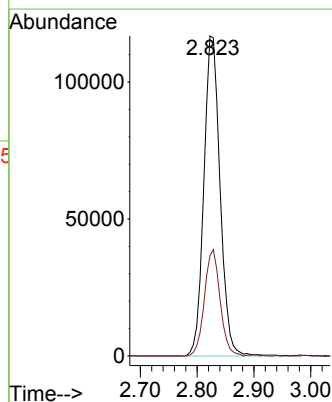
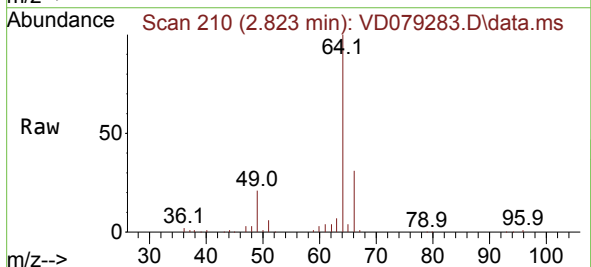


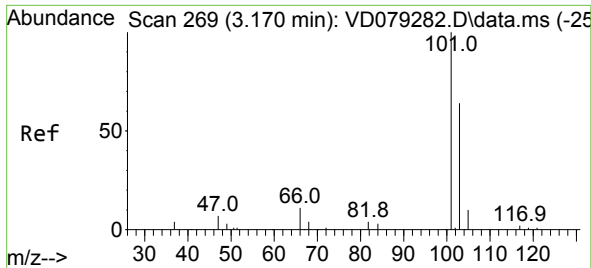
Tgt Ion: 94 Resp: 264036  
Ion Ratio Lower Upper  
94 100  
96 95.1 76.9 115.3



#6  
Chloroethane  
Concen: 91.371 ug/l  
RT: 2.823 min Scan# 210  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion: 64 Resp: 231337  
Ion Ratio Lower Upper  
64 100  
66 31.3 24.5 36.7

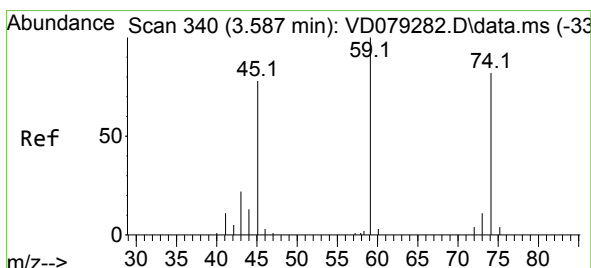
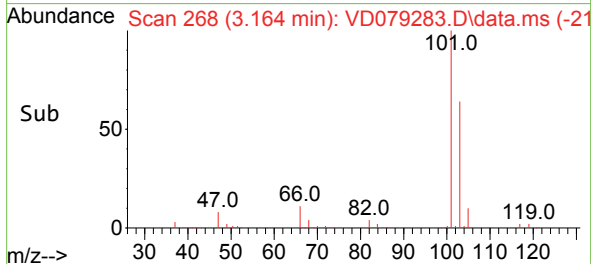
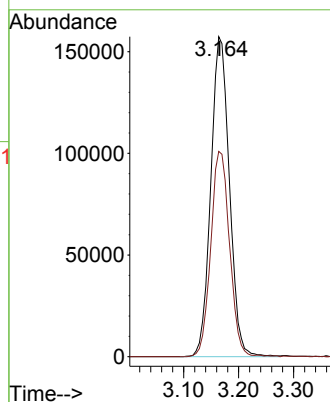
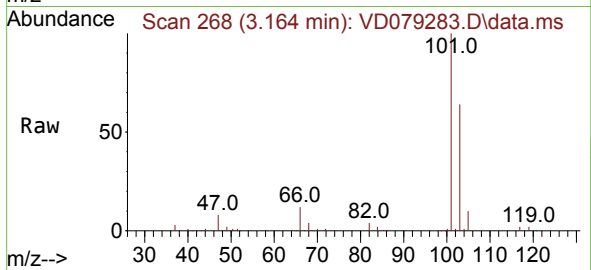




#7  
Trichlorofluoromethane  
Concen: 90.524 ug/l  
RT: 3.164 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

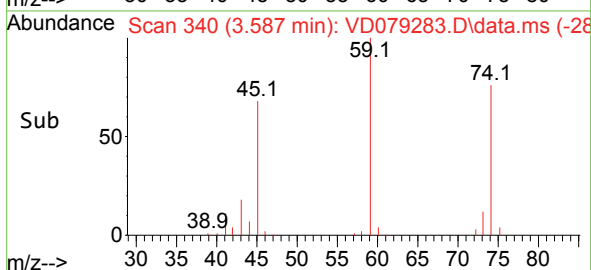
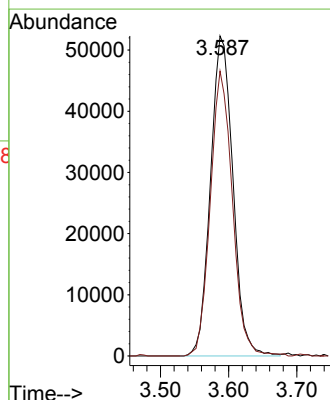
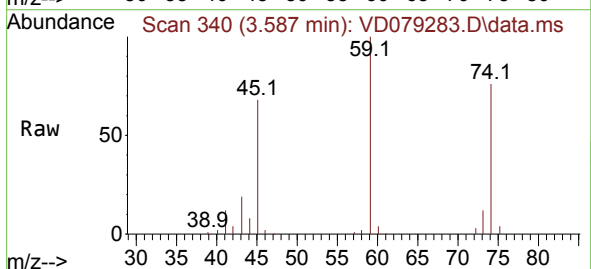
Instrument :  
MSVOA\_D  
ClientSampleId :

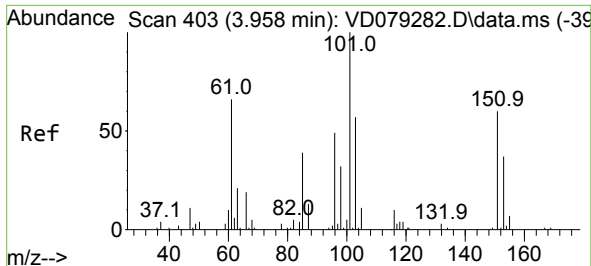
Tgt Ion:101 Resp: 369574  
Ion Ratio Lower Upper  
101 100  
103 64.2 53.2 79.8



#8  
Diethyl Ether  
Concen: 99.836 ug/l  
RT: 3.587 min Scan# 340  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion: 74 Resp: 119887  
Ion Ratio Lower Upper  
74 100  
45 87.6 37.9 113.6

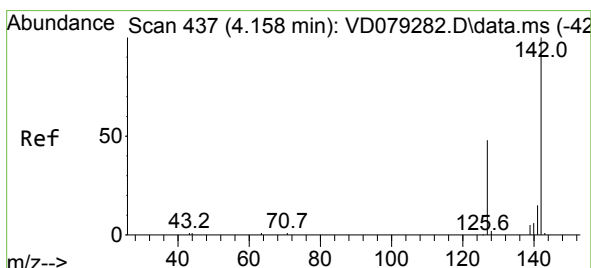
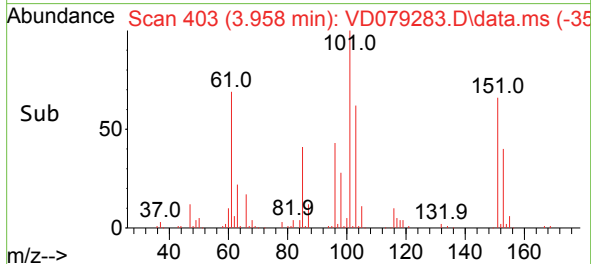
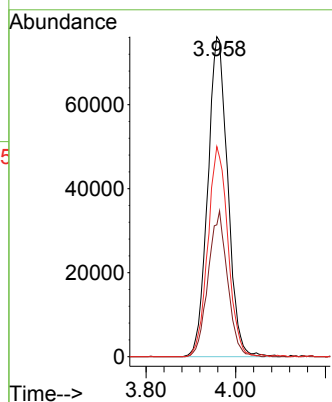
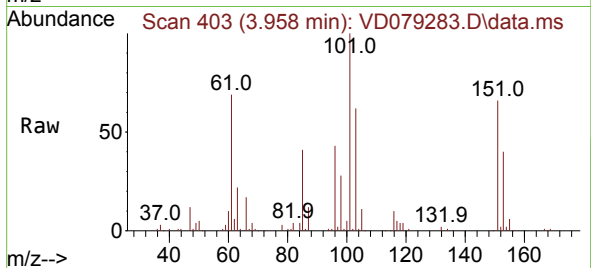




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 92.632 ug/l  
RT: 3.958 min Scan# 403  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

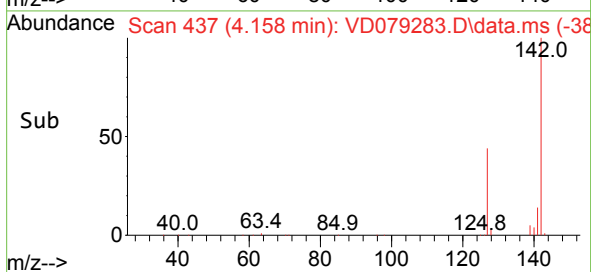
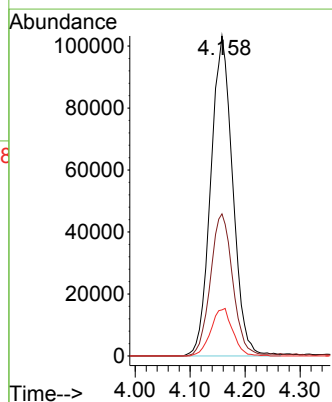
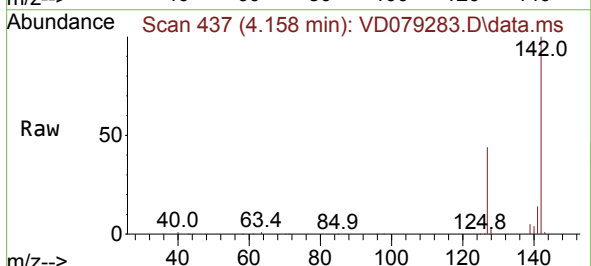
Instrument :  
MSVOA\_D  
ClientSampleId :

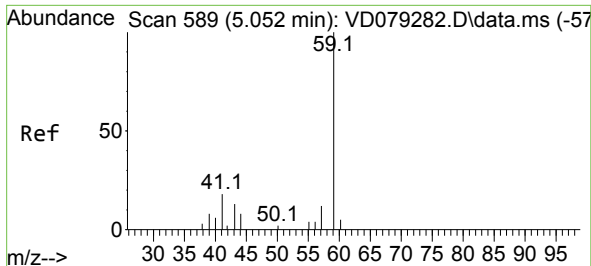
Tgt Ion:101 Resp: 234959  
Ion Ratio Lower Upper  
101 100  
85 44.2 33.5 50.3  
151 65.9 60.3 90.5



#10  
Methyl Iodide  
Concen: 103.724 ug/l  
RT: 4.158 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion:142 Resp: 286585  
Ion Ratio Lower Upper  
142 100  
127 45.1 34.2 51.4  
141 14.8 11.7 17.5





#11

Tert butyl alcohol

Concen: 487.711 ug/l

RT: 5.058 min Scan# 589

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA\_D

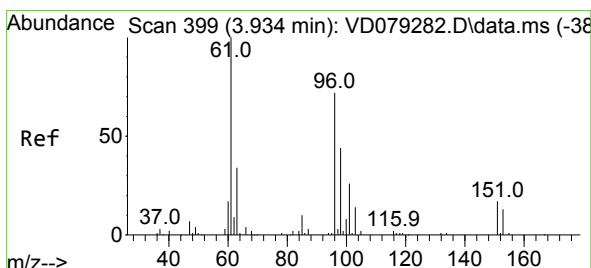
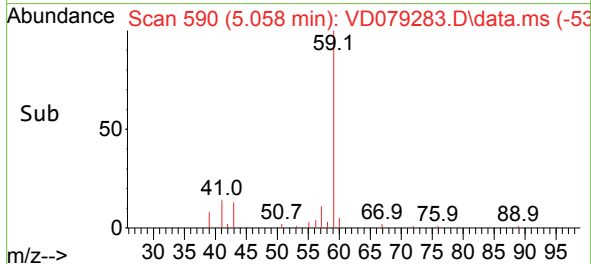
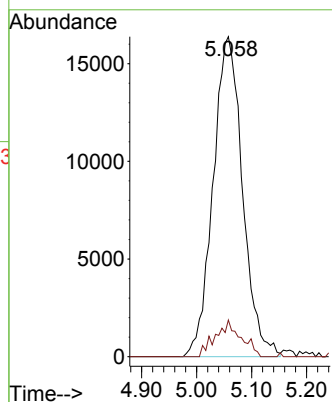
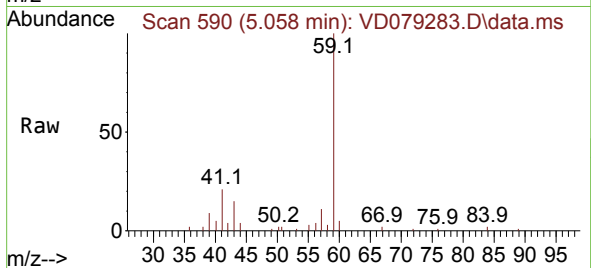
ClientSampleId :

Tgt Ion: 59 Resp: 60947

Ion Ratio Lower Upper

59 100

57 9.8 3.6 5.4#



#12

1,1-Dichloroethene

Concen: 97.599 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

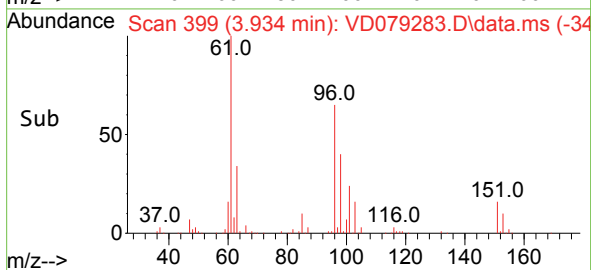
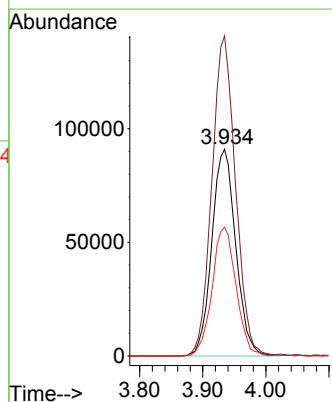
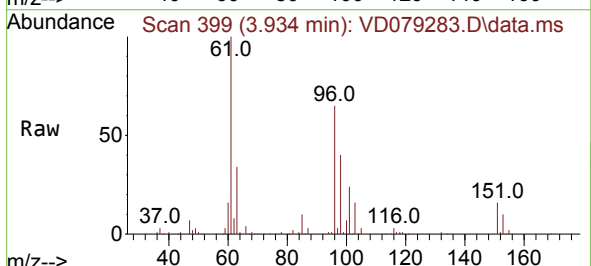
Tgt Ion: 96 Resp: 239640

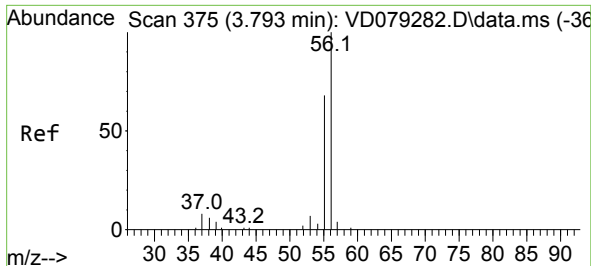
Ion Ratio Lower Upper

96 100

61 154.8 107.3 160.9

98 62.3 51.7 77.5





#13

Acrolein

Concen: 482.049 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA\_D

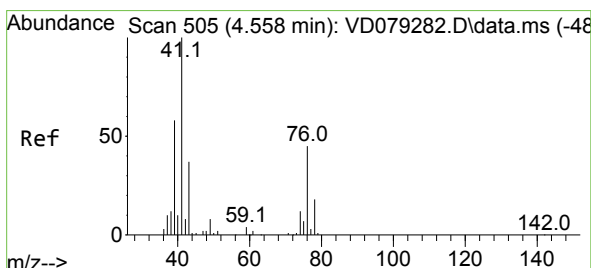
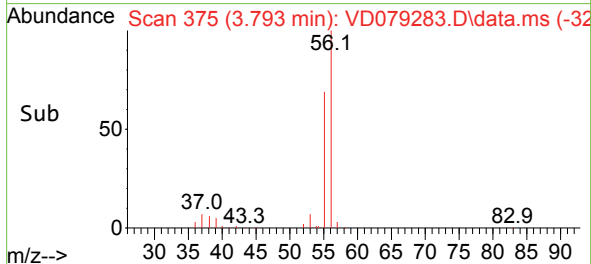
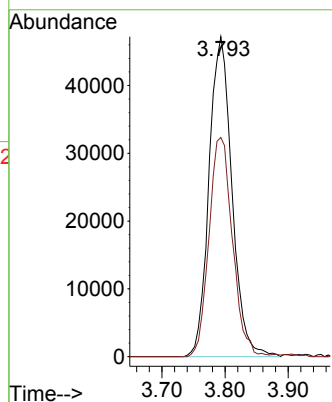
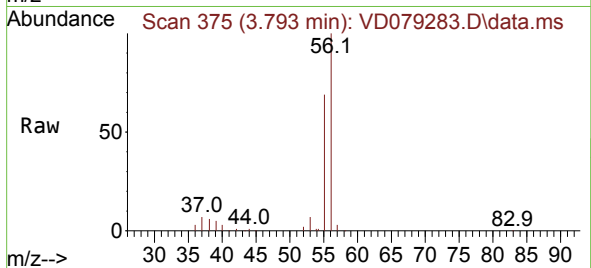
ClientSampleId :

Tgt Ion: 56 Resp: 119136

Ion Ratio Lower Upper

56 100

55 70.2 55.3 82.9



#14

Allyl chloride

Concen: 99.640 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

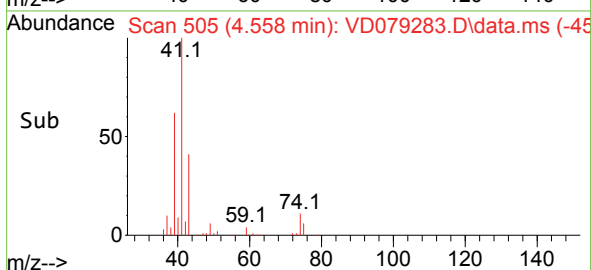
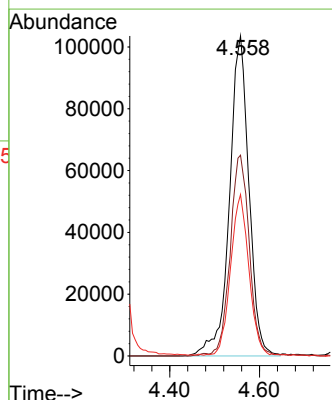
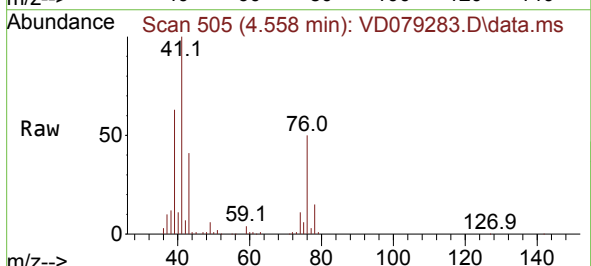
Tgt Ion: 41 Resp: 312224

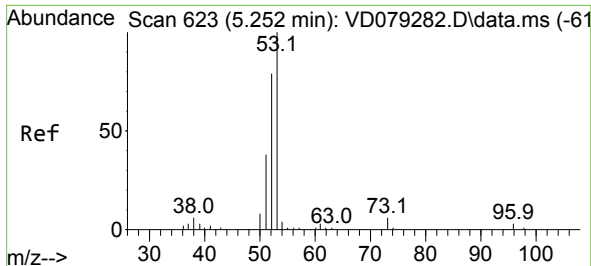
Ion Ratio Lower Upper

41 100

39 61.9 58.0 87.0

76 47.0 45.9 68.9

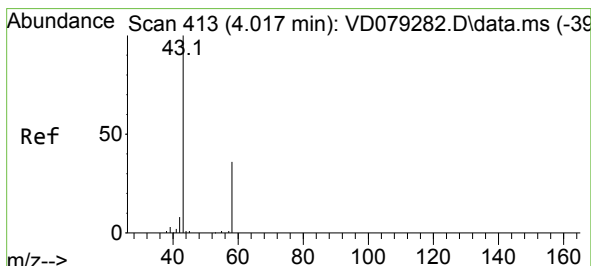
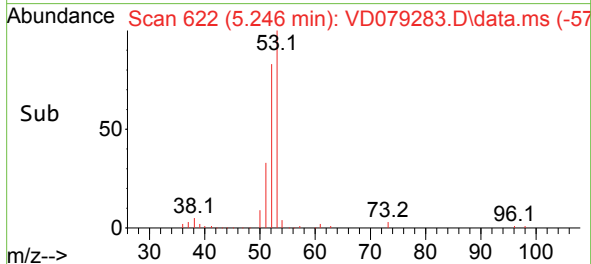
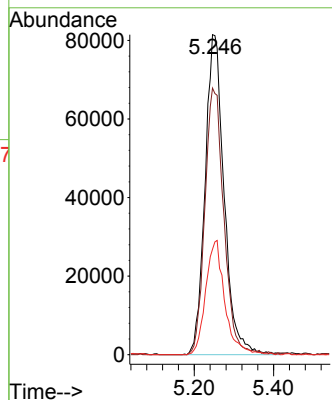
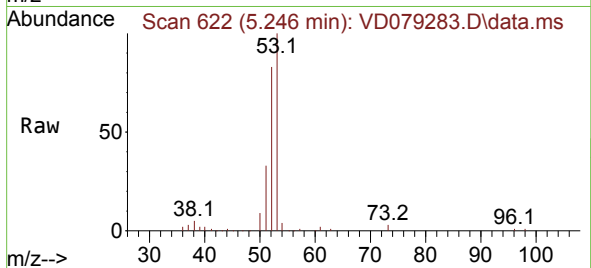




#15  
Acrylonitrile  
Concen: 496.175 ug/l  
RT: 5.246 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

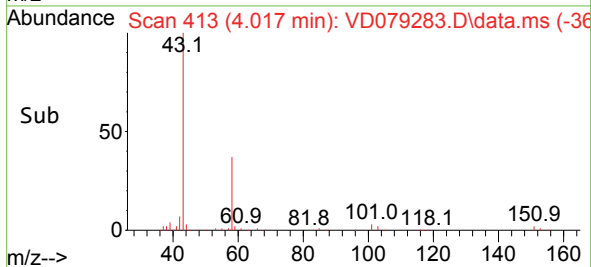
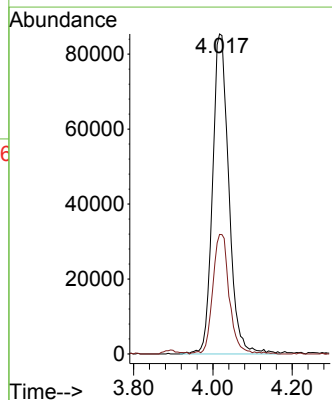
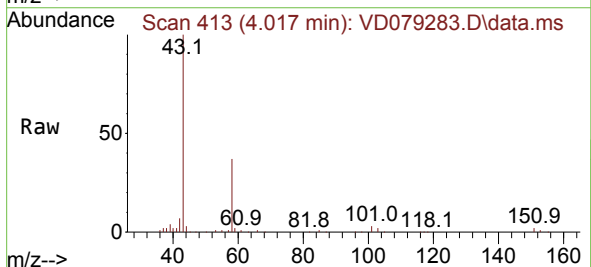
Instrument :  
MSVOA\_D  
ClientSampleId :

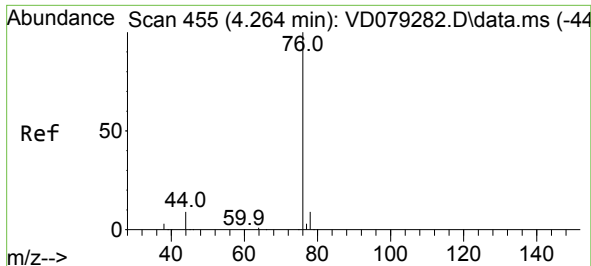
Tgt Ion: 53 Resp: 271573  
Ion Ratio Lower Upper  
53 100  
52 83.2 67.7 101.5  
51 35.8 28.6 42.8



#16  
Acetone  
Concen: 550.709 ug/l  
RT: 4.017 min Scan# 413  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion: 43 Resp: 244106  
Ion Ratio Lower Upper  
43 100  
58 37.3 30.4 45.6

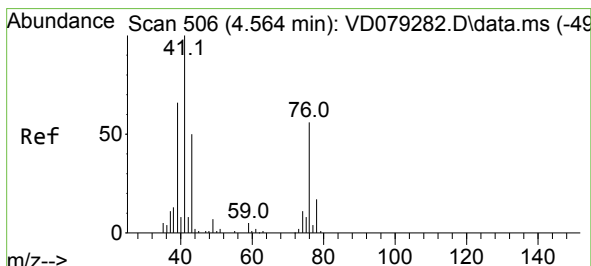
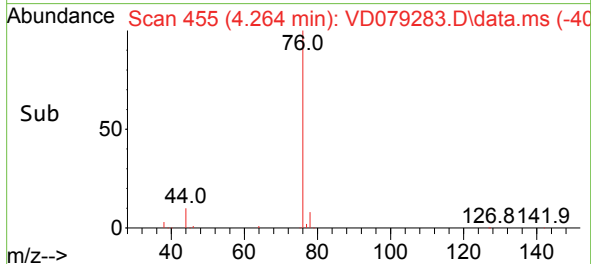
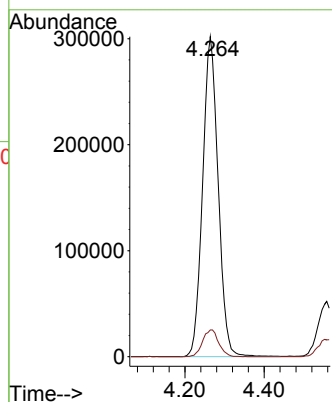
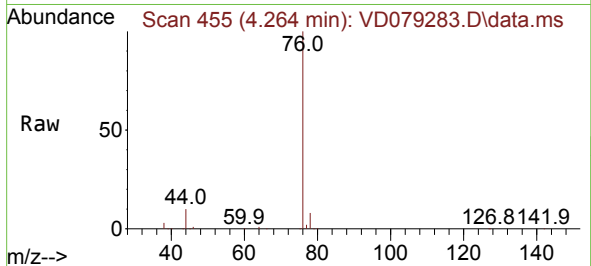




#17  
Carbon Disulfide  
Concen: 95.193 ug/l  
RT: 4.264 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

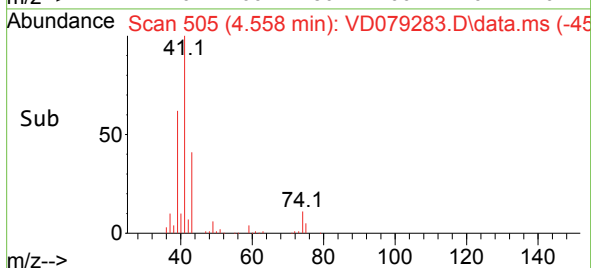
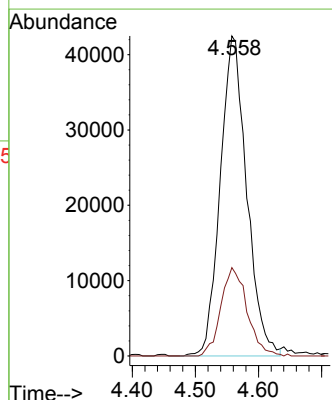
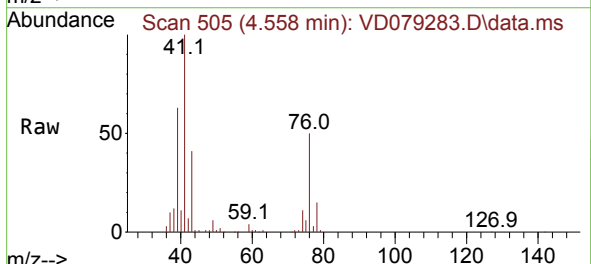
Instrument :  
MSVOA\_D  
ClientSampleId :

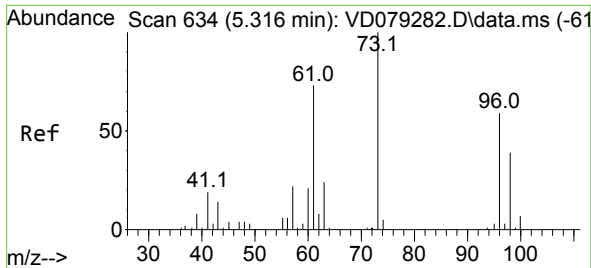
Tgt Ion: 76 Resp: 821090  
Ion Ratio Lower Upper  
76 100  
78 8.4 6.9 10.3



#18  
Methyl Acetate  
Concen: 96.005 ug/l  
RT: 4.558 min Scan# 505  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion: 43 Resp: 123631  
Ion Ratio Lower Upper  
43 100  
74 27.4 28.1 42.1#

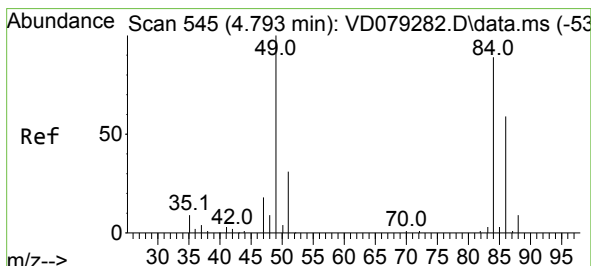
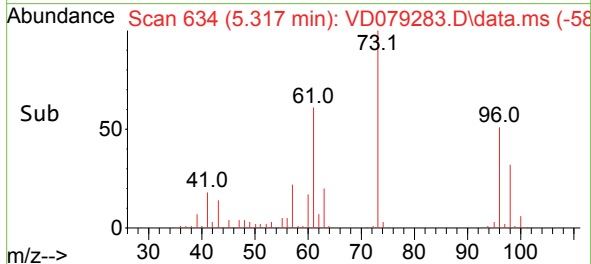
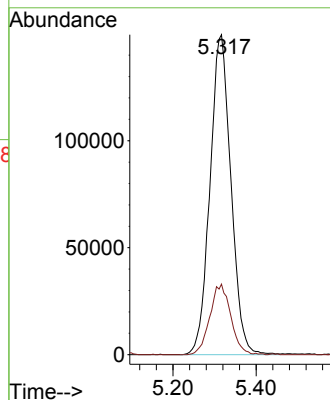
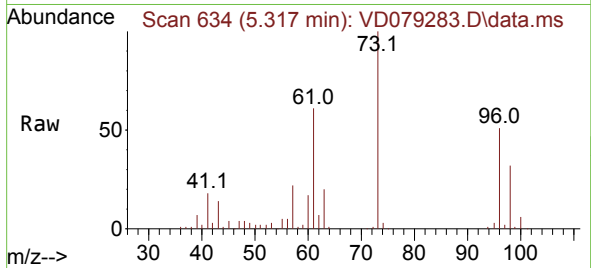




#19  
Methyl tert-butyl Ether  
Concen: 103.979 ug/l  
RT: 5.317 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

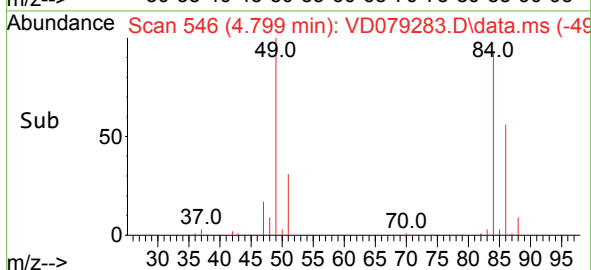
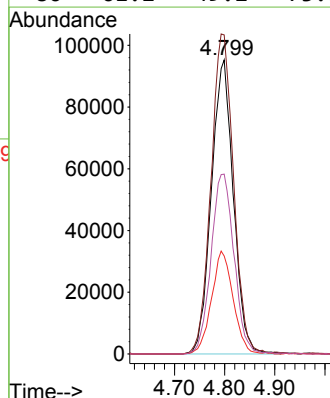
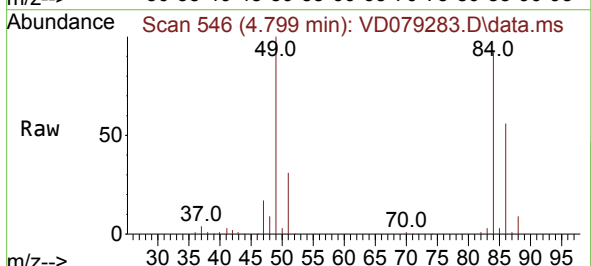
Instrument :  
MSVOA\_D  
ClientSampleId :

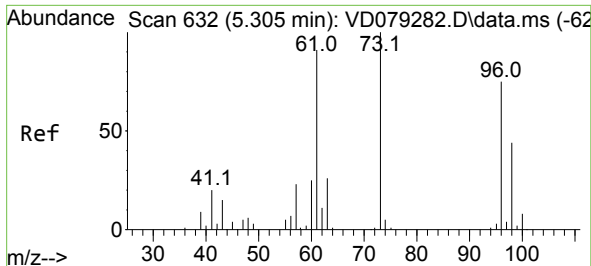
Tgt Ion: 73 Resp: 523087  
Ion Ratio Lower Upper  
73 100  
57 22.0 18.3 27.5



#20  
Methylene Chloride  
Concen: 100.860 ug/l  
RT: 4.799 min Scan# 546  
Delta R.T. 0.006 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

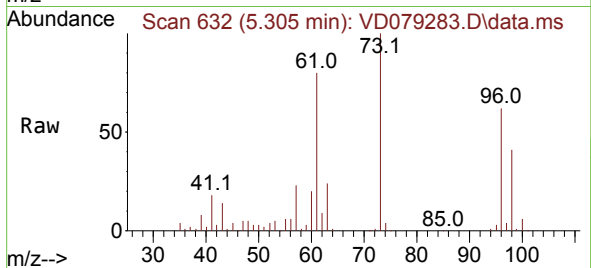
Tgt Ion: 84 Resp: 290533  
Ion Ratio Lower Upper  
84 100  
49 108.5 75.6 113.4  
51 33.3 24.2 36.2  
86 61.2 49.2 73.8



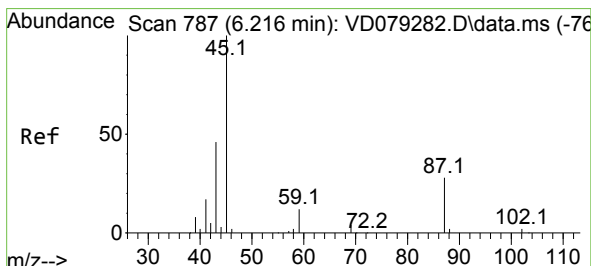
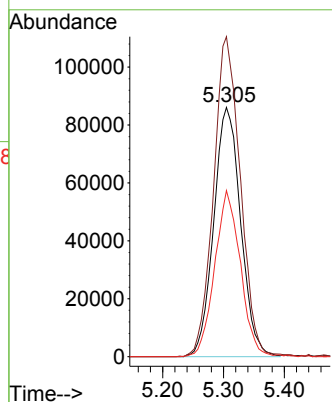
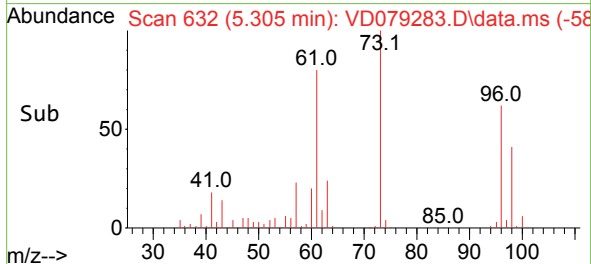


#21  
trans-1,2-Dichloroethene  
Concen: 95.836 ug/l  
RT: 5.305 min Scan# 611  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

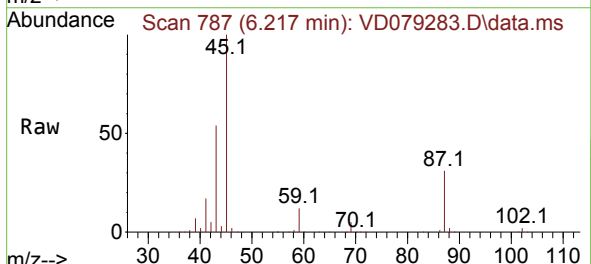
Instrument :  
MSVOA\_D  
ClientSampleId :



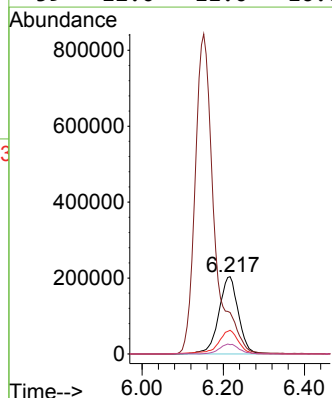
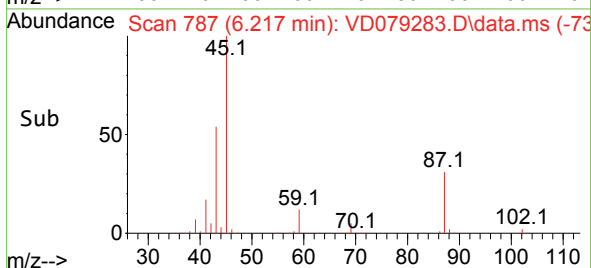
Tgt Ion: 96 Resp: 264419  
Ion Ratio Lower Upper  
96 100  
61 128.1 84.5 126.7#  
98 66.6 50.5 75.7

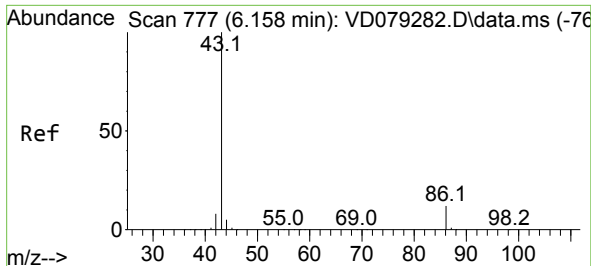


#22  
Diisopropyl ether  
Concen: 99.920 ug/l  
RT: 6.217 min Scan# 787  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21



Tgt Ion: 45 Resp: 681240  
Ion Ratio Lower Upper  
45 100  
43 52.8 41.7 62.5  
87 30.4 30.2 45.2  
59 12.0 11.0 16.6

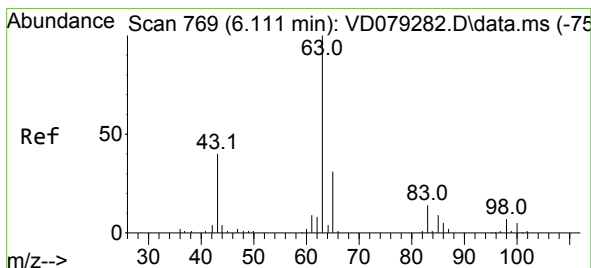
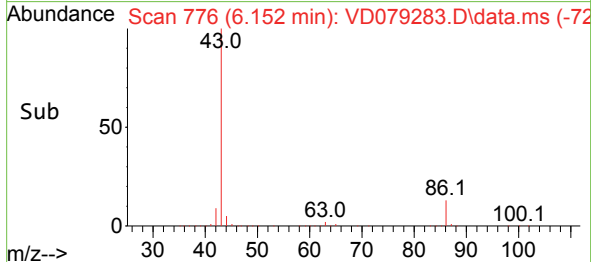
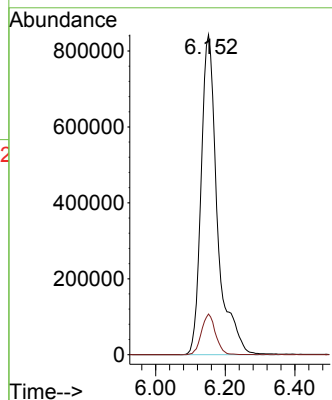
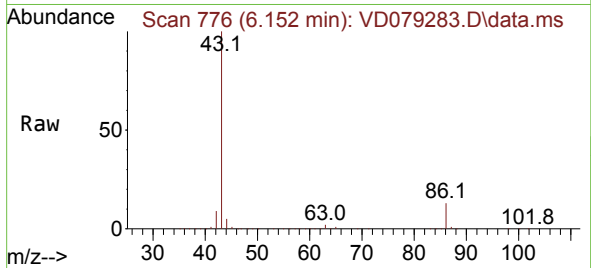




#23  
 Vinyl Acetate  
 Concen: 529.593 ug/l  
 RT: 6.152 min Scan# 777  
 Delta R.T. 0.000 min  
 Lab File: VD079283.D  
 Acq: 28 Jun 2024 15:21

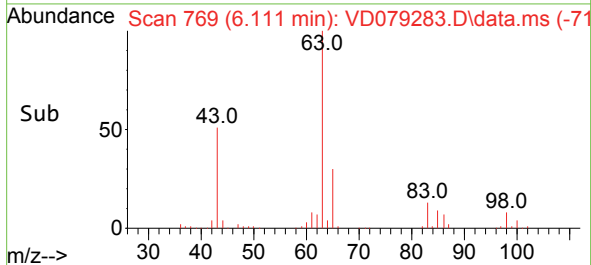
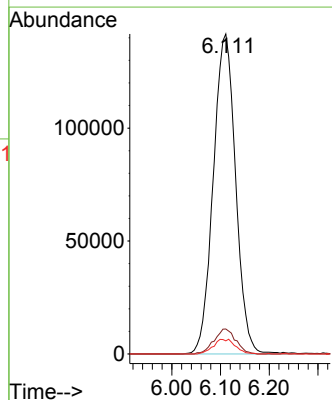
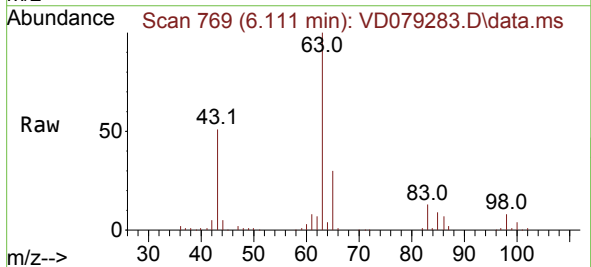
Instrument :  
 MSVOA\_D  
 ClientSampleId :

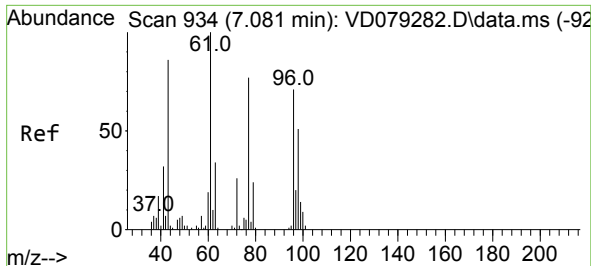
Tgt Ion: 43 Resp: 2733123  
 Ion Ratio Lower Upper  
 43 100  
 86 12.7 12.3 18.5



#24  
 1,1-Dichloroethane  
 Concen: 94.488 ug/l  
 RT: 6.111 min Scan# 769  
 Delta R.T. 0.006 min  
 Lab File: VD079283.D  
 Acq: 28 Jun 2024 15:21

Tgt Ion: 63 Resp: 451654  
 Ion Ratio Lower Upper  
 63 100  
 98 7.8 4.7 14.0  
 100 4.1 2.9 8.6

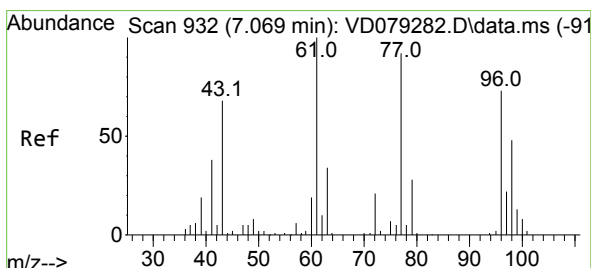
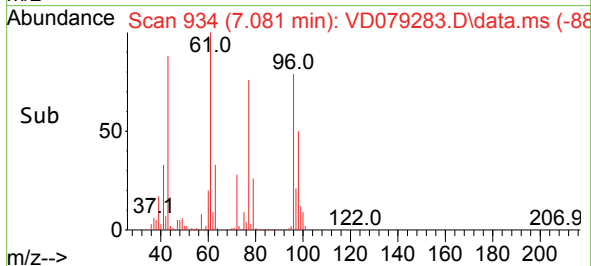
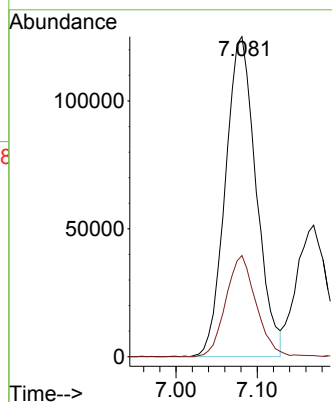
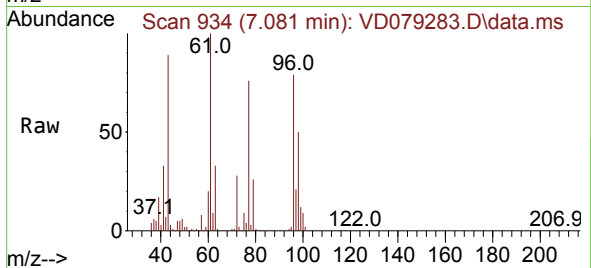




#25  
2-Butanone  
Concen: 534.930 ug/l  
RT: 7.081 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

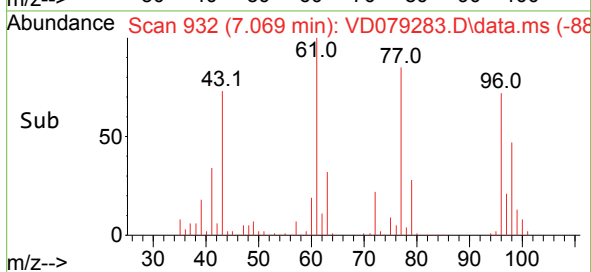
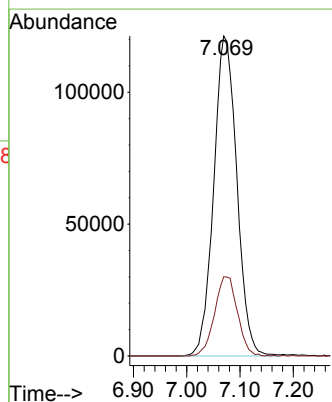
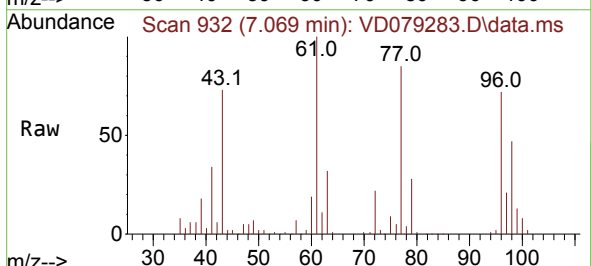
Instrument :  
MSVOA\_D  
ClientSampleId :

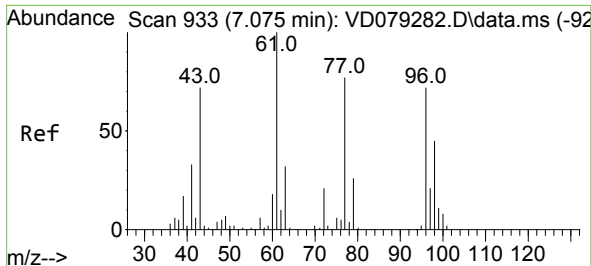
Tgt Ion: 43 Resp: 330331  
Ion Ratio Lower Upper  
43 100  
72 31.6 26.4 39.6



#26  
2,2-Dichloropropane  
Concen: 96.854 ug/l  
RT: 7.069 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion: 77 Resp: 365494  
Ion Ratio Lower Upper  
77 100  
97 24.5 12.4 37.2

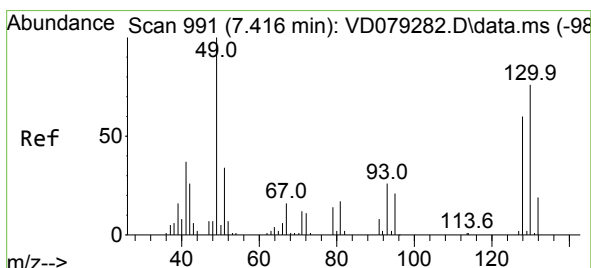
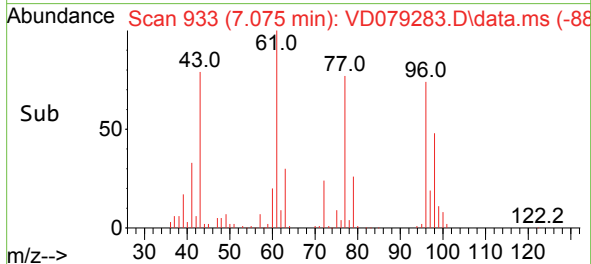
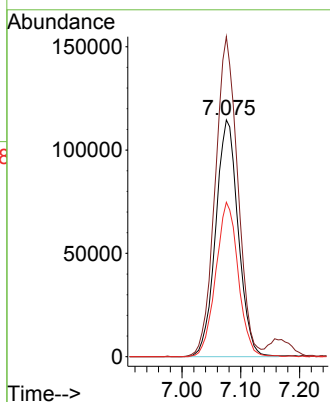
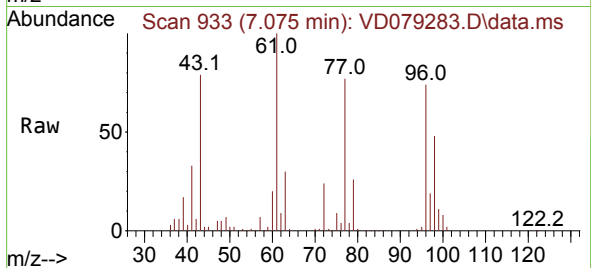




#27  
 cis-1,2-Dichloroethene  
 Concen: 101.251 ug/l  
 RT: 7.075 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VD079283.D  
 Acq: 28 Jun 2024 15:21

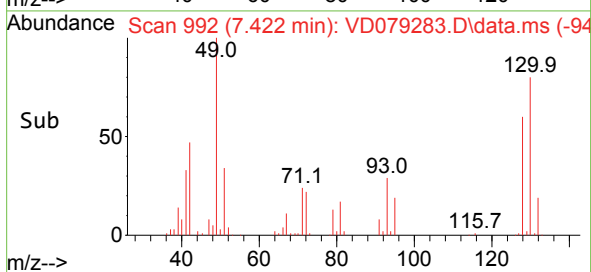
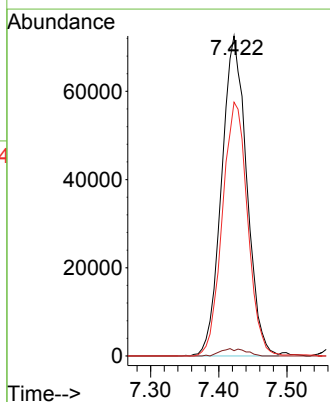
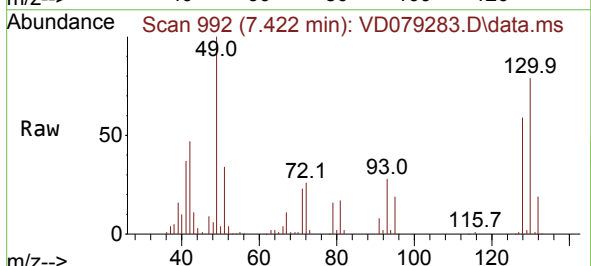
Instrument :  
 MSVOA\_D  
 ClientSampleId :

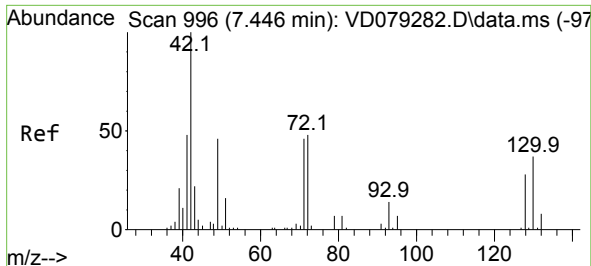
Tgt Ion: 96 Resp: 306046  
 Ion Ratio Lower Upper  
 96 100  
 61 134.8 0.0 229.0  
 98 64.8 0.0 127.2



#28  
 Bromochloromethane  
 Concen: 93.389 ug/l  
 RT: 7.422 min Scan# 992  
 Delta R.T. 0.000 min  
 Lab File: VD079283.D  
 Acq: 28 Jun 2024 15:21

Tgt Ion: 49 Resp: 186128  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 7.0  
 130 79.5 87.7 131.5#





#29

Tetrahydrofuran

Concen: 522.198 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.006 min

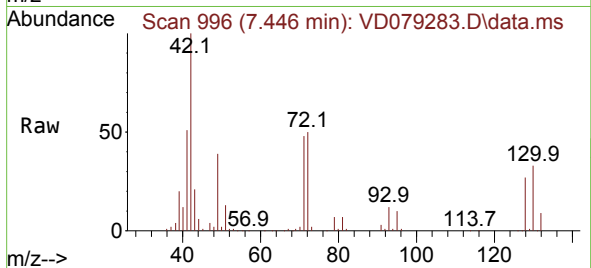
Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA\_D

ClientSampleId :



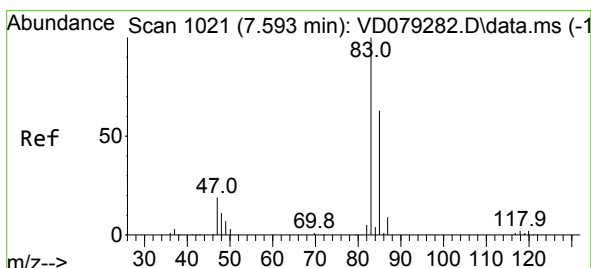
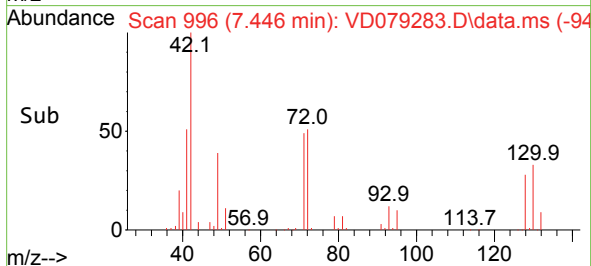
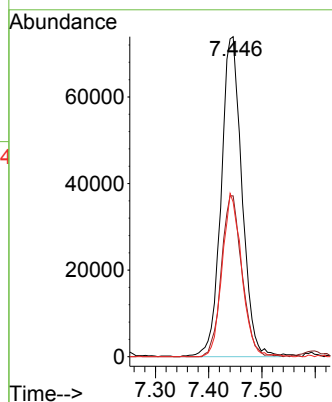
Tgt Ion: 42 Resp: 200324

Ion Ratio Lower Upper

42 100

72 49.8 49.4 74.0

71 47.8 45.0 67.6



#30

Chloroform

Concen: 93.771 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079283.D

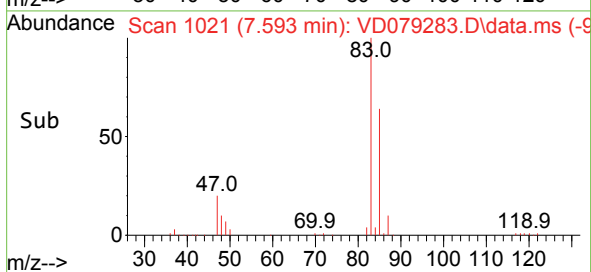
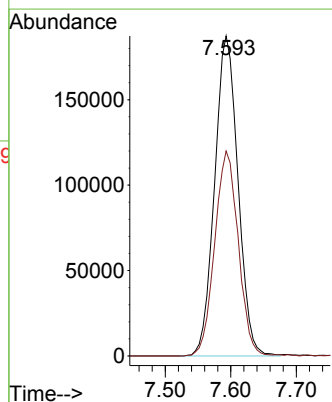
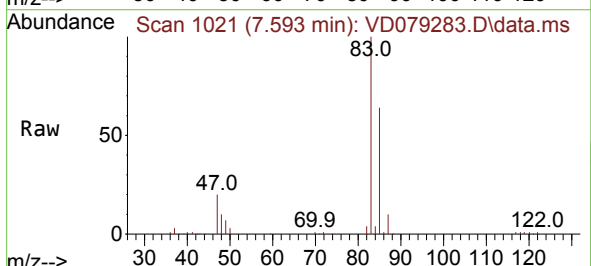
Acq: 28 Jun 2024 15:21

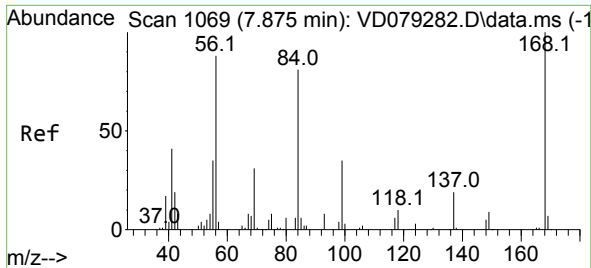
Tgt Ion: 83 Resp: 462376

Ion Ratio Lower Upper

83 100

85 64.1 51.8 77.6

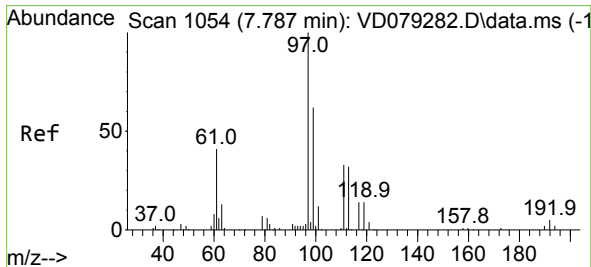
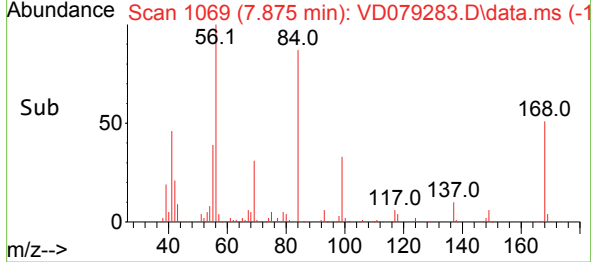
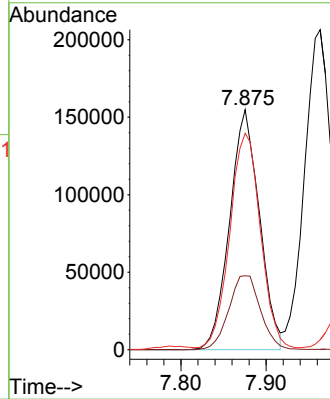
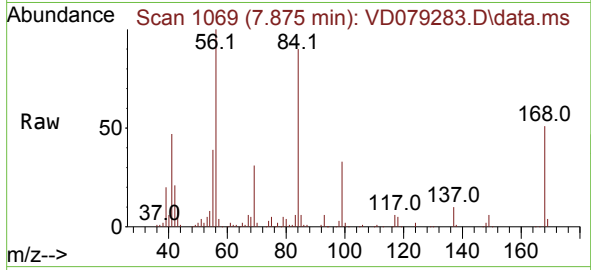




#31  
Cyclohexane  
Concen: 94.758 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

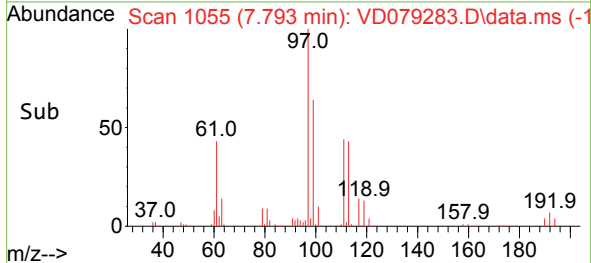
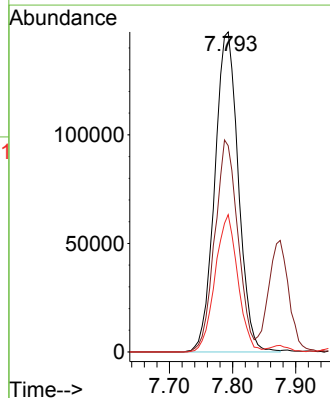
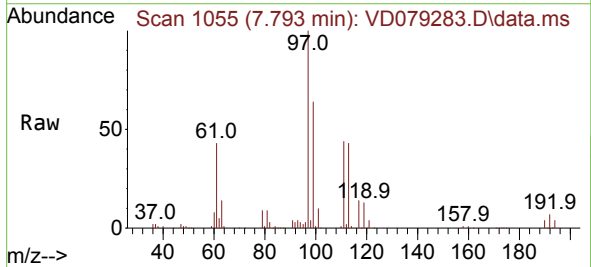
Instrument :  
MSVOA\_D  
ClientSampleId :

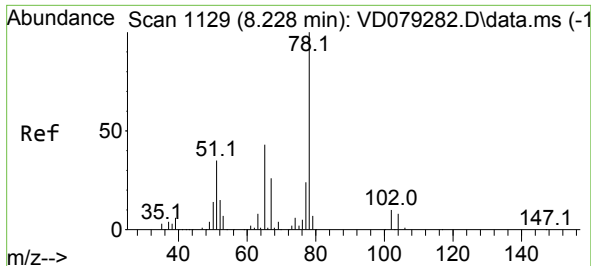
Tgt Ion: 56 Resp: 376194  
Ion Ratio Lower Upper  
56 100  
69 30.8 28.0 42.0  
84 88.7 87.4 131.0



#32  
1,1,1-Trichloroethane  
Concen: 94.488 ug/l  
RT: 7.793 min Scan# 1055  
Delta R.T. 0.006 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion: 97 Resp: 382408  
Ion Ratio Lower Upper  
97 100  
99 64.9 51.3 76.9  
61 41.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 98.428 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA\_D

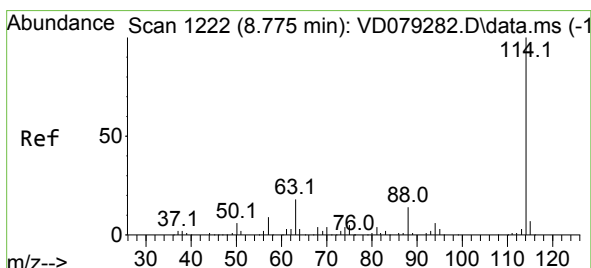
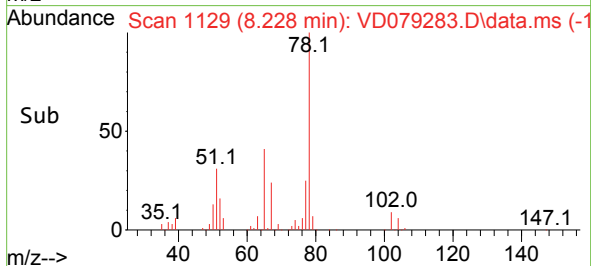
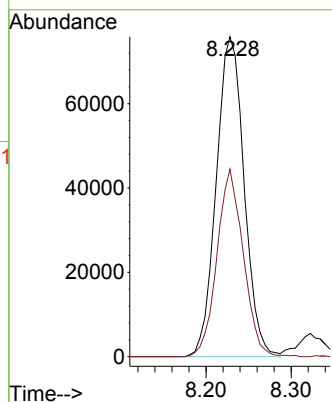
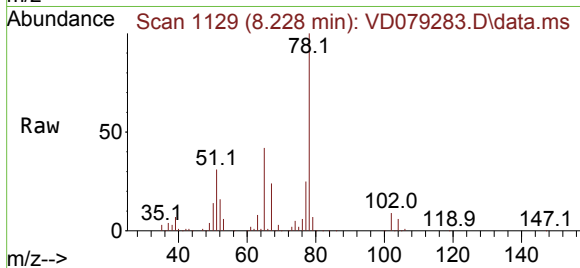
ClientSampleId :

Tgt Ion: 65 Resp: 172524

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

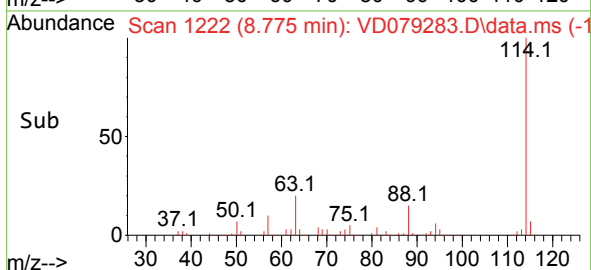
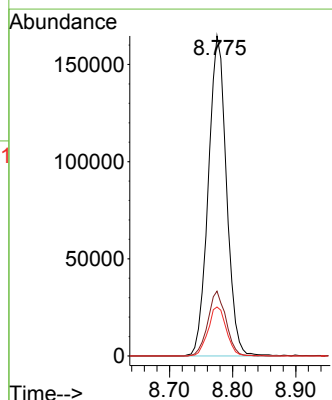
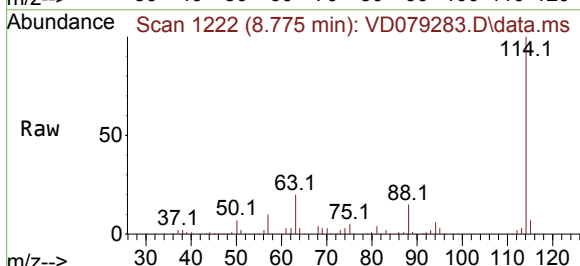
Tgt Ion: 114 Resp: 329024

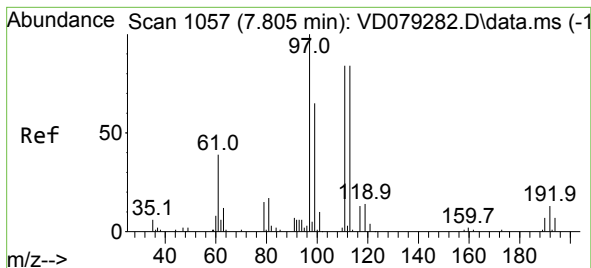
Ion Ratio Lower Upper

114 100

63 20.3 0.0 34.0

88 15.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 90.352 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA\_D

ClientSampleId :

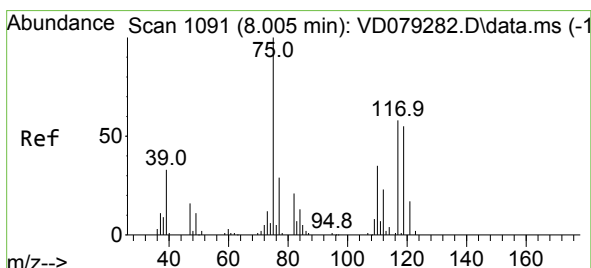
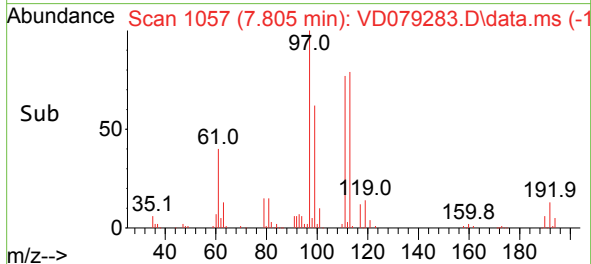
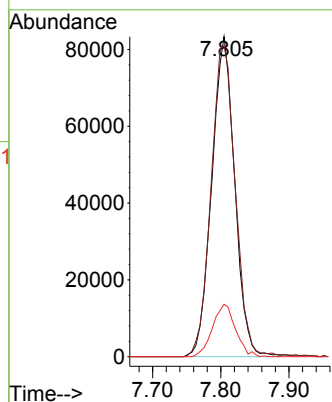
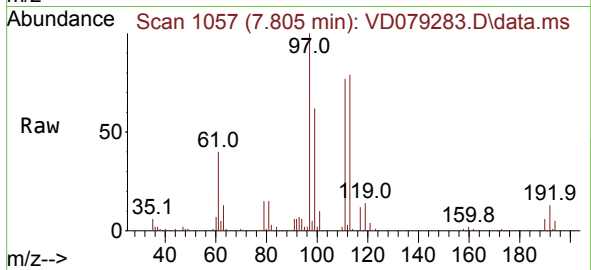
Tgt Ion:113 Resp: 195133

Ion Ratio Lower Upper

113 100

111 103.3 84.0 126.0

192 16.5 15.4 23.0



#36

1,1-Dichloropropene

Concen: 102.631 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

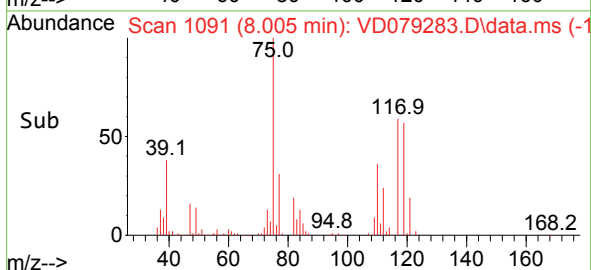
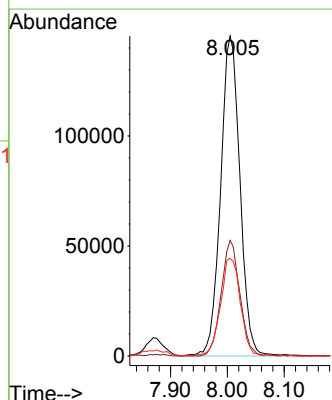
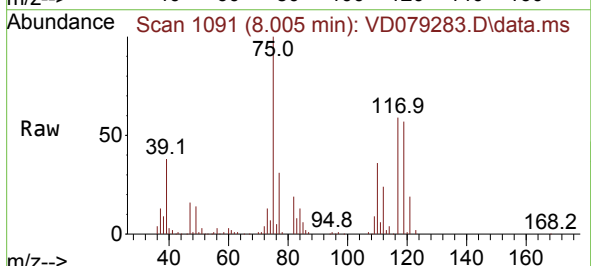
Tgt Ion: 75 Resp: 344370

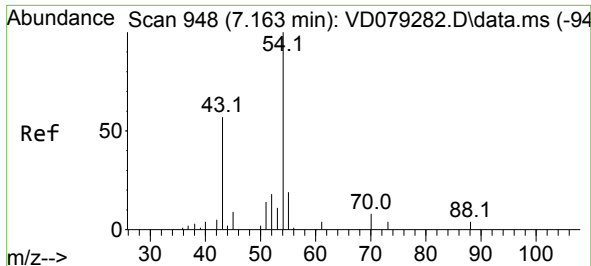
Ion Ratio Lower Upper

75 100

110 35.0 19.6 58.7

77 31.4 26.1 39.1





#37

Ethyl Acetate

Concen: 108.776 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA\_D

ClientSampleId :

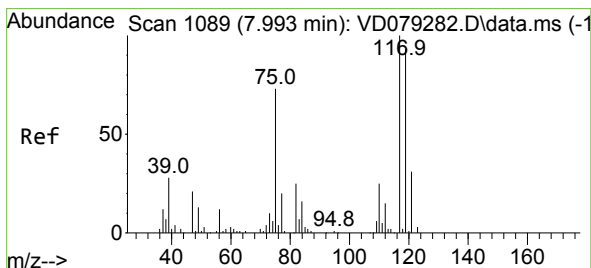
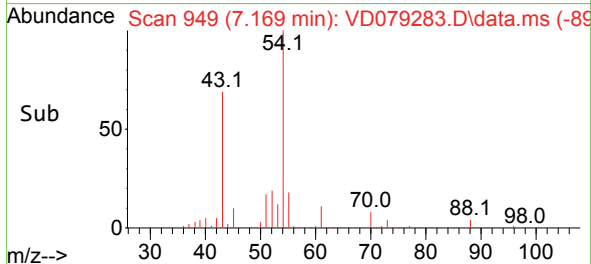
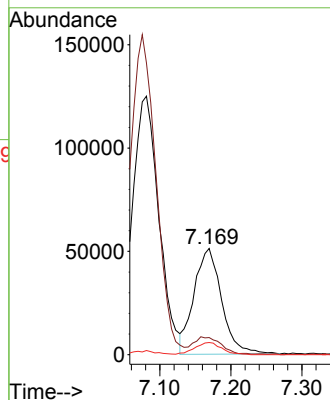
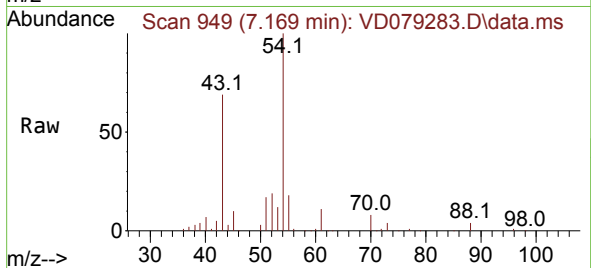
Tgt Ion: 43 Resp: 138933

Ion Ratio Lower Upper

43 100

61 16.2 13.9 20.9

70 11.1 9.8 14.6



#38

Carbon Tetrachloride

Concen: 98.798 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

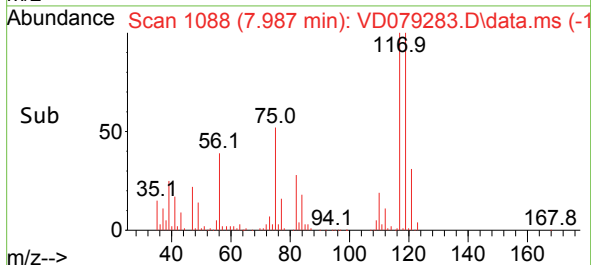
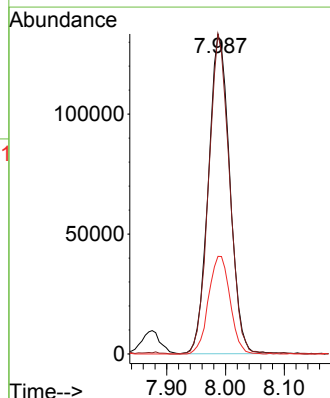
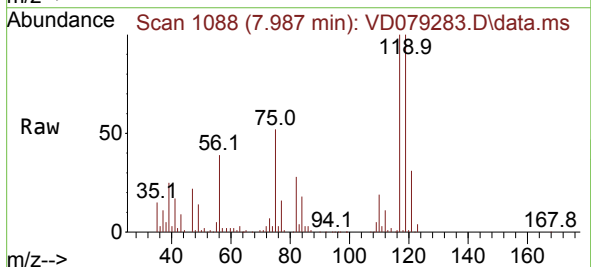
Tgt Ion: 117 Resp: 336655

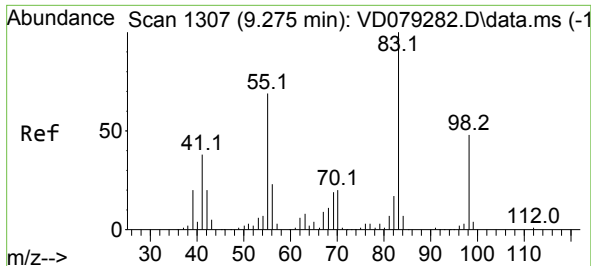
Ion Ratio Lower Upper

117 100

119 100.3 75.4 113.0

121 30.6 25.0 37.4

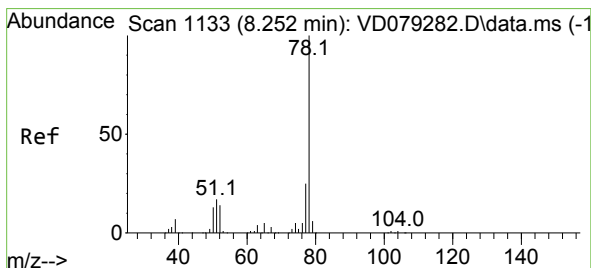
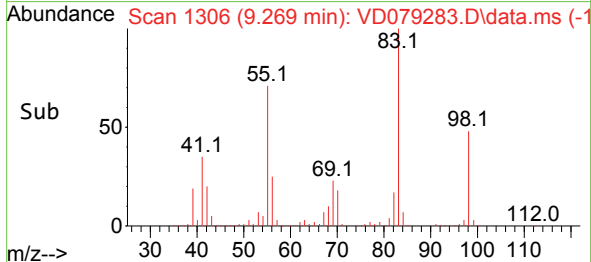
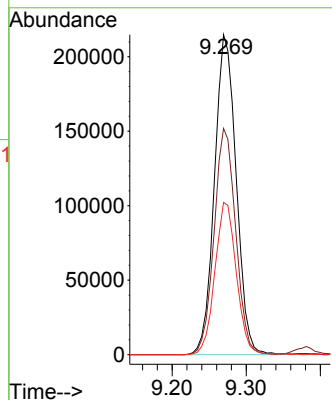
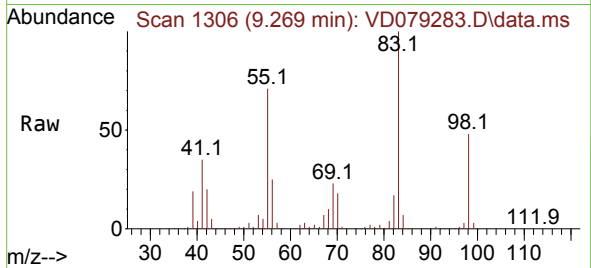




#39  
Methylcyclohexane  
Concen: 110.753 ug/l  
RT: 9.269 min Scan# 11306  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

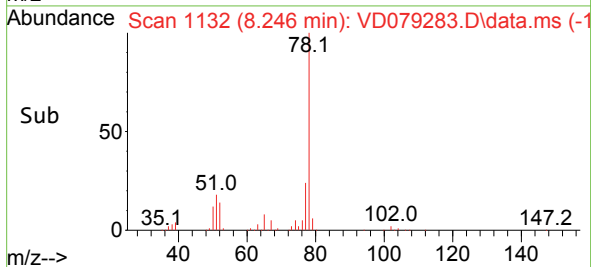
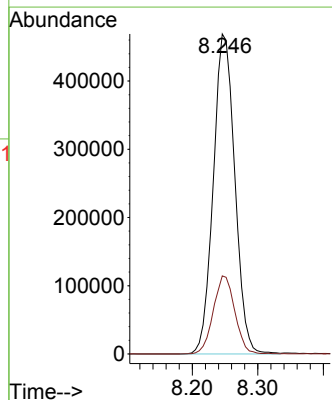
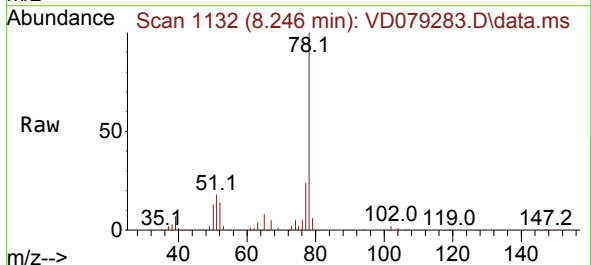
Instrument :  
MSVOA\_D  
ClientSampleId :

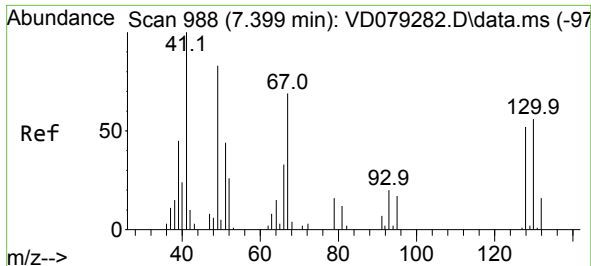
Tgt Ion: 83 Resp: 437215  
Ion Ratio Lower Upper  
83 100  
55 70.7 50.1 75.1  
98 47.6 41.9 62.9



#40  
Benzene  
Concen: 102.138 ug/l  
RT: 8.246 min Scan# 1132  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion: 78 Resp: 1069239  
Ion Ratio Lower Upper  
78 100  
77 24.4 18.1 27.1

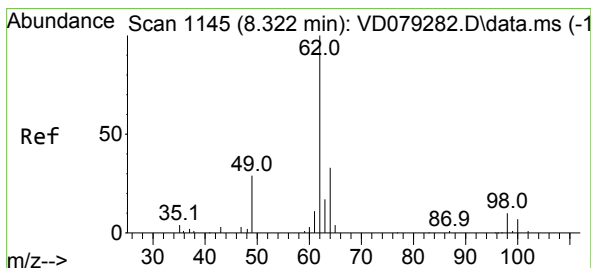
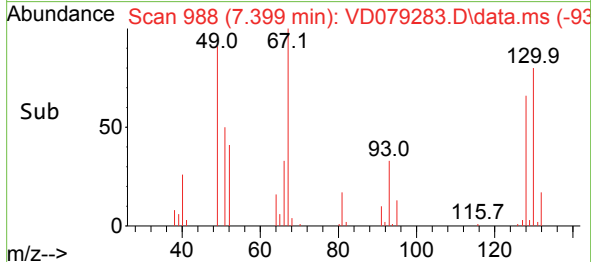
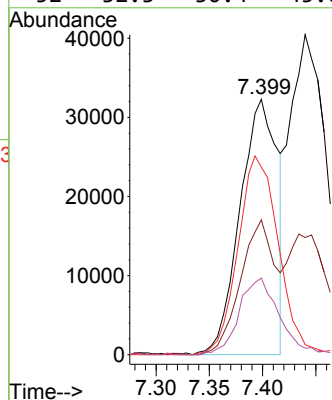
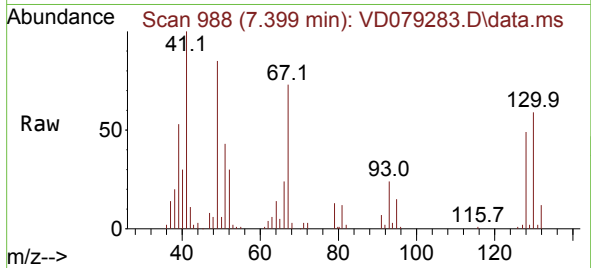




#41  
Methacrylonitrile  
Concen: 112.779 ug/l  
RT: 7.399 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

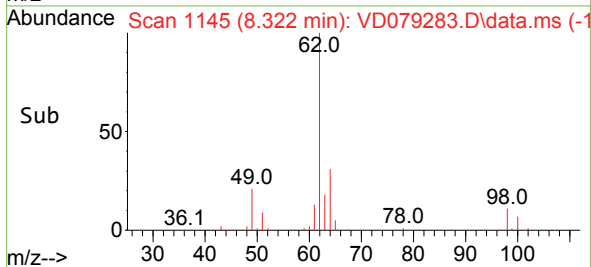
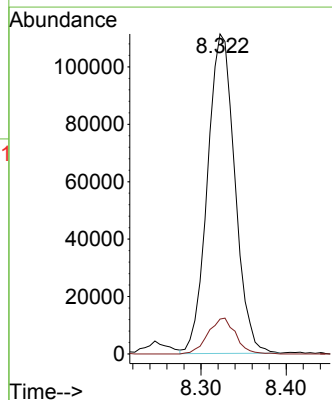
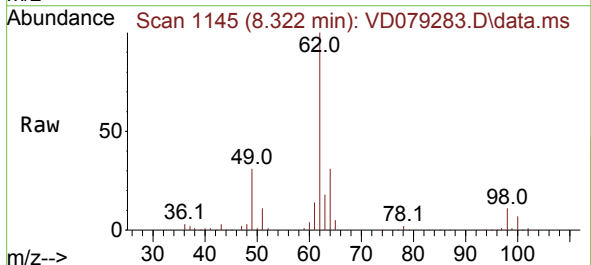
Instrument :  
MSVOA\_D  
ClientSampleId :

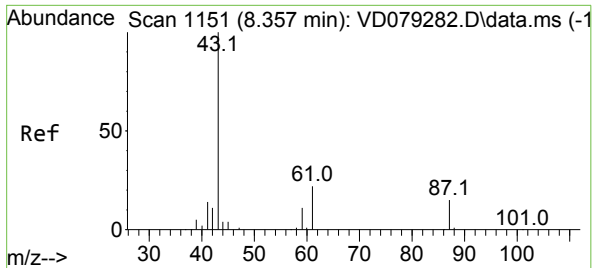
Tgt Ion: 41 Resp: 79178  
Ion Ratio Lower Upper  
41 100  
39 48.8 41.4 62.0  
67 83.8 85.8 128.6#  
52 32.3 30.4 45.6



#42  
1,2-Dichloroethane  
Concen: 98.674 ug/l  
RT: 8.322 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion: 62 Resp: 248434  
Ion Ratio Lower Upper  
62 100  
98 11.3 0.0 25.8

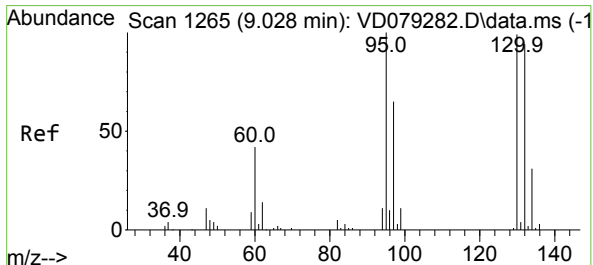
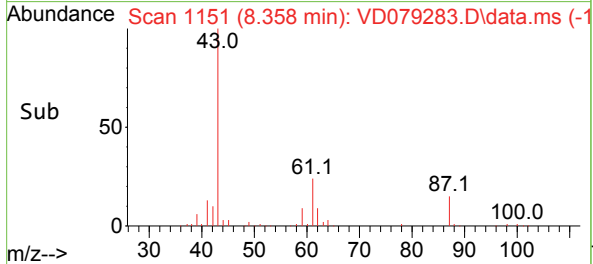
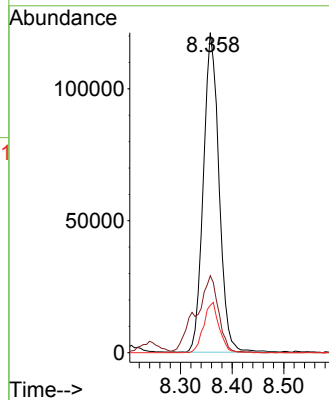
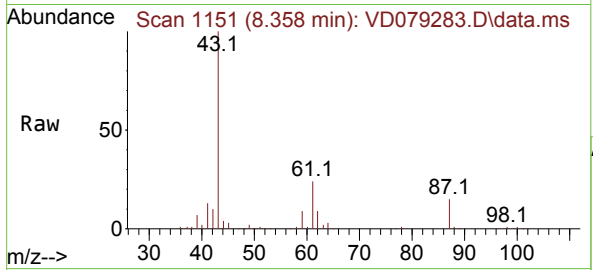




#43  
Isopropyl Acetate  
Concen: 103.309 ug/l  
RT: 8.358 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

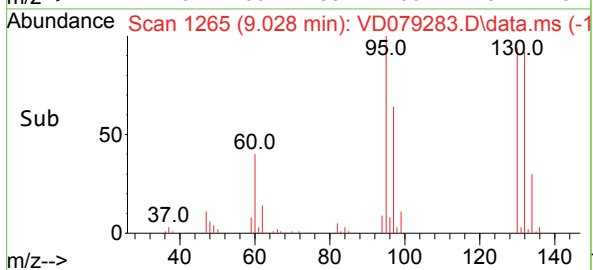
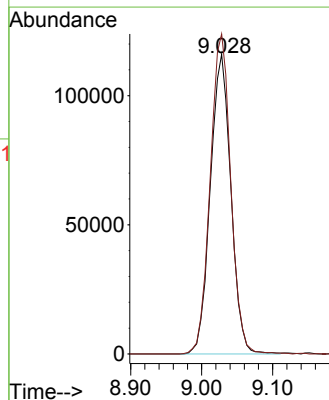
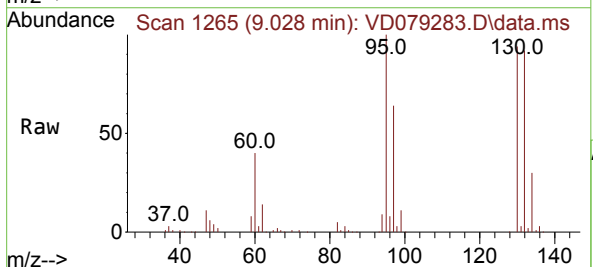
Instrument :  
MSVOA\_D  
ClientSampleId :

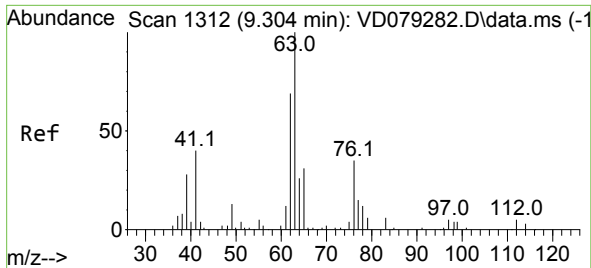
Tgt Ion: 43 Resp: 254655  
Ion Ratio Lower Upper  
43 100  
61 34.9 29.3 43.9  
87 15.7 14.9 22.3



#44  
Trichloroethene  
Concen: 97.440 ug/l  
RT: 9.028 min Scan# 1265  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion:130 Resp: 233007  
Ion Ratio Lower Upper  
130 100  
95 106.8 0.0 177.8

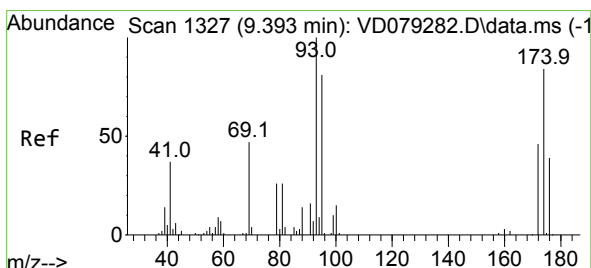
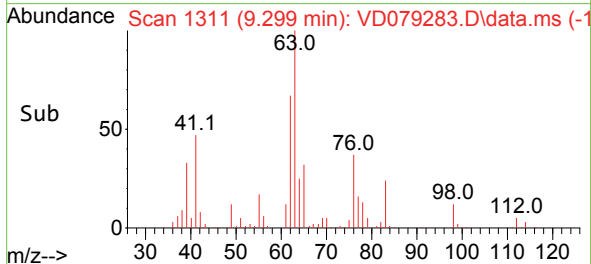
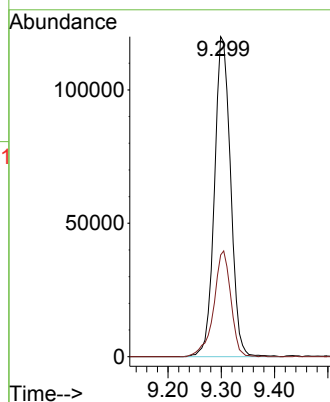
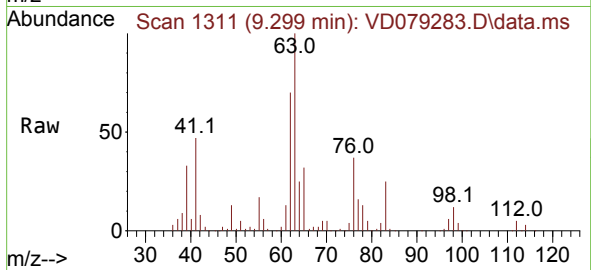




#45  
1,2-Dichloropropane  
Concen: 99.140 ug/l  
RT: 9.299 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

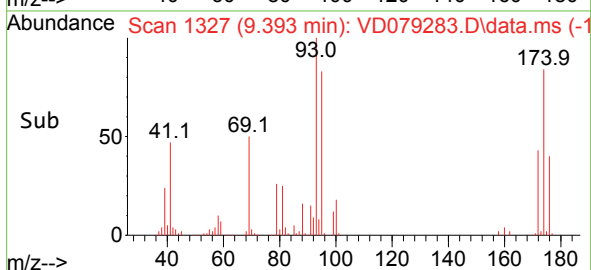
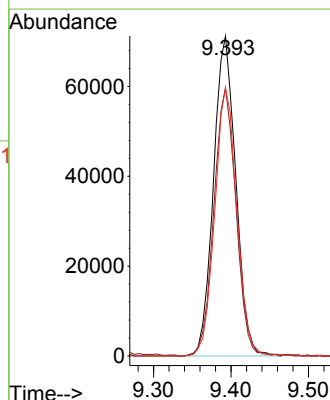
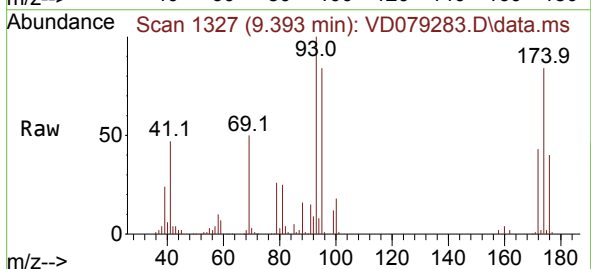
Instrument :  
MSVOA\_D  
ClientSampleId :

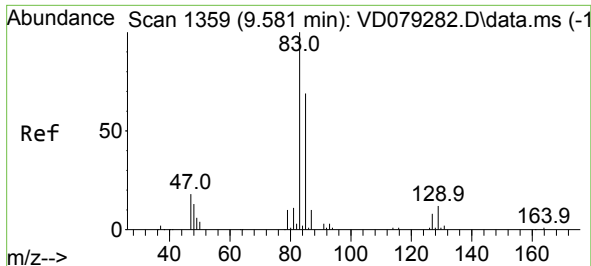
Tgt Ion: 63 Resp: 252702  
Ion Ratio Lower Upper  
63 100  
65 31.8 23.8 35.8



#46  
Dibromomethane  
Concen: 98.245 ug/l  
RT: 9.393 min Scan# 1327  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

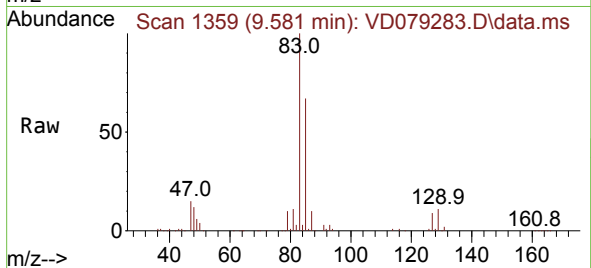
Tgt Ion: 93 Resp: 142028  
Ion Ratio Lower Upper  
93 100  
95 83.2 65.6 98.4  
174 83.1 82.3 123.5



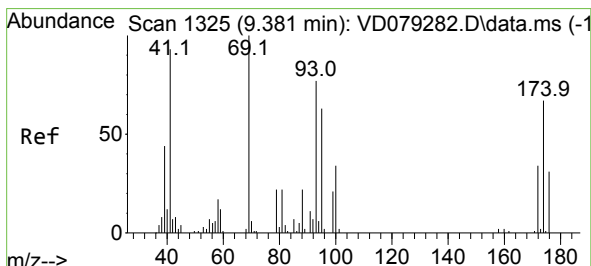
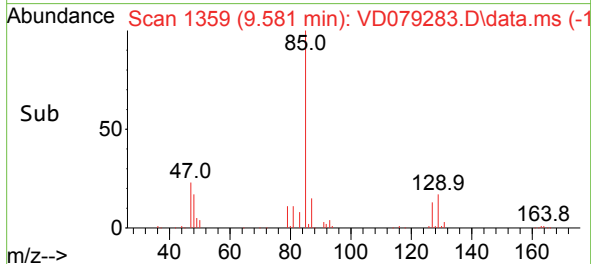
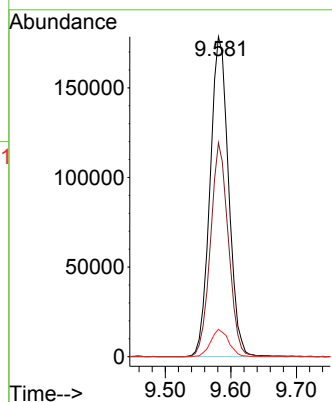


#47  
Bromodichloromethane  
Concen: 98.972 ug/l  
RT: 9.581 min Scan# 1359  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Instrument :  
MSVOA\_D  
ClientSampleId :

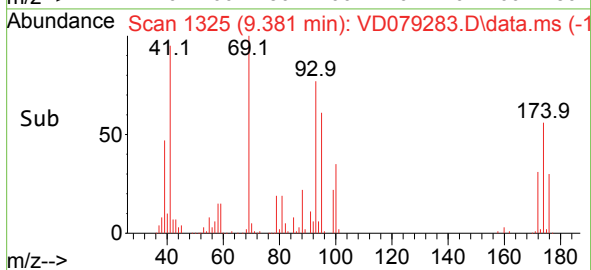
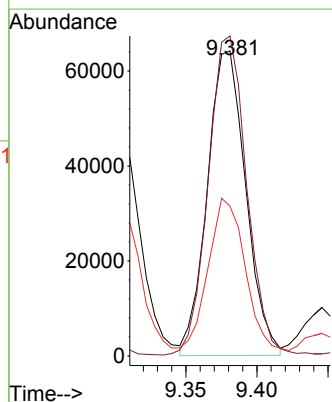
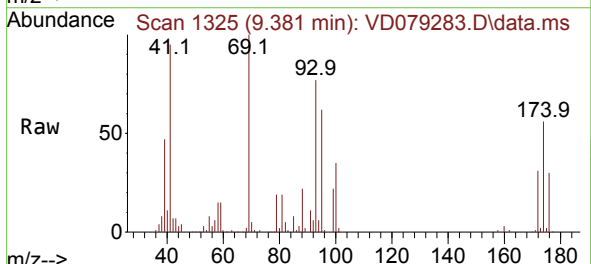


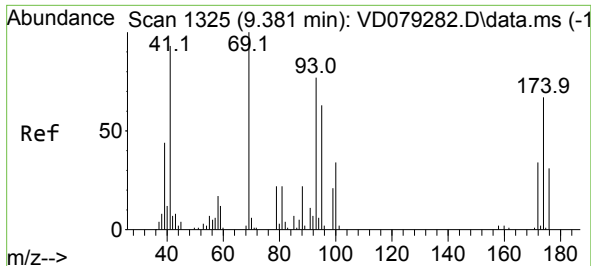
Tgt Ion: 83 Resp: 350133  
Ion Ratio Lower Upper  
83 100  
85 66.8 50.1 75.1  
127 8.5 6.8 10.2



#48  
Methyl methacrylate  
Concen: 108.872 ug/l  
RT: 9.381 min Scan# 1325  
Delta R.T. 0.006 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion: 41 Resp: 121090  
Ion Ratio Lower Upper  
41 100  
69 104.8 96.7 145.1  
39 47.5 43.8 65.6





#49

1,4-Dioxane

Concen: 2070.826 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

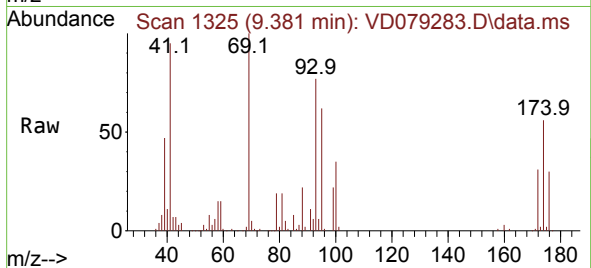
Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA\_D

ClientSampleId :



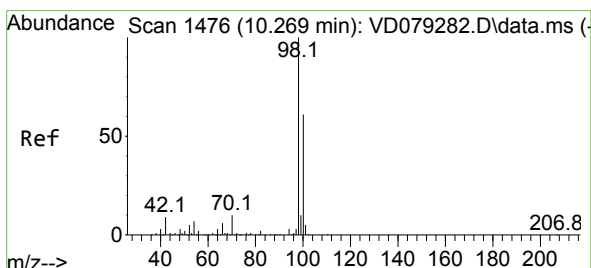
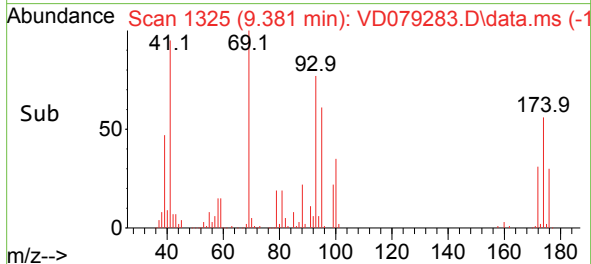
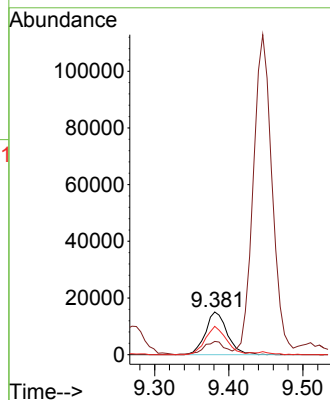
Tgt Ion: 88 Resp: 30677

Ion Ratio Lower Upper

88 100

43 30.4 21.5 32.3

58 63.8 42.2 63.4#



#50

Toluene-d8

Concen: 88.119 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079283.D

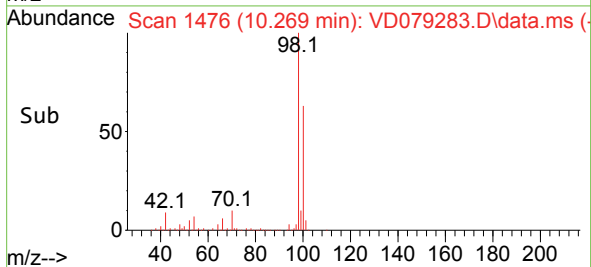
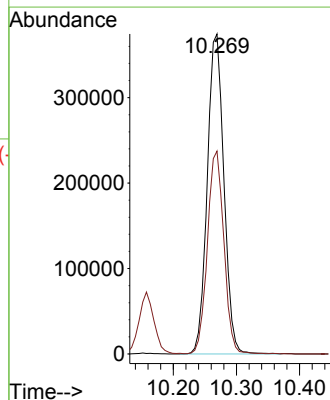
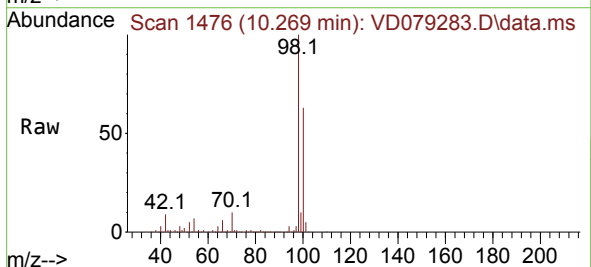
Acq: 28 Jun 2024 15:21

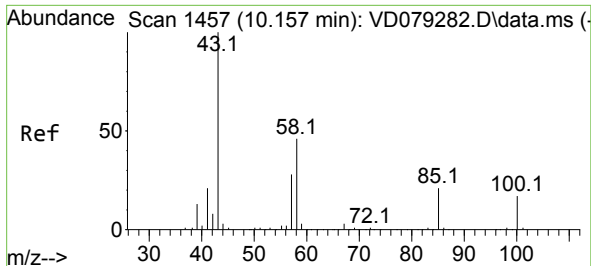
Tgt Ion: 98 Resp: 684642

Ion Ratio Lower Upper

98 100

100 63.0 51.6 77.4

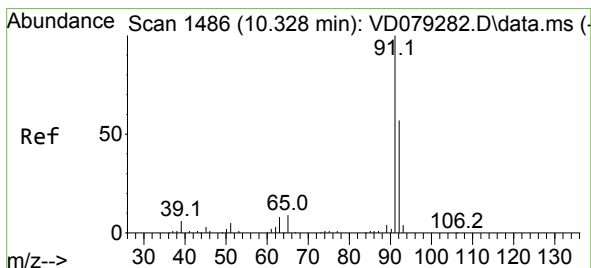
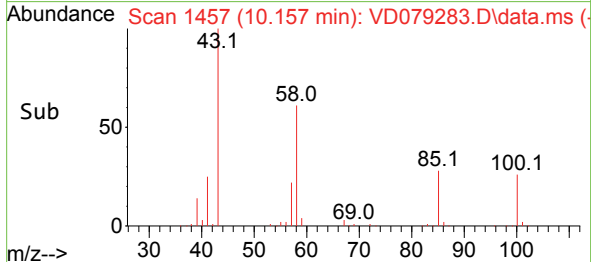
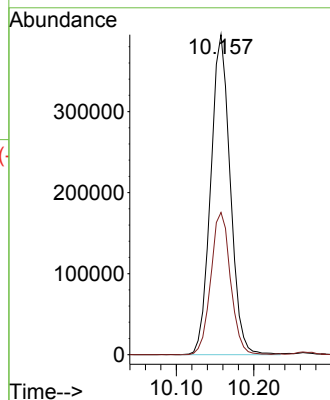
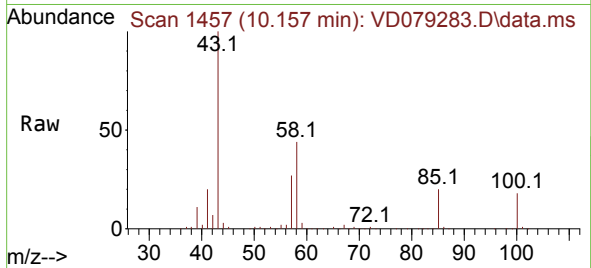




#51  
4-Methyl-2-Pentanone  
Concen: 539.368 ug/l  
RT: 10.157 min Scan# 1457  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

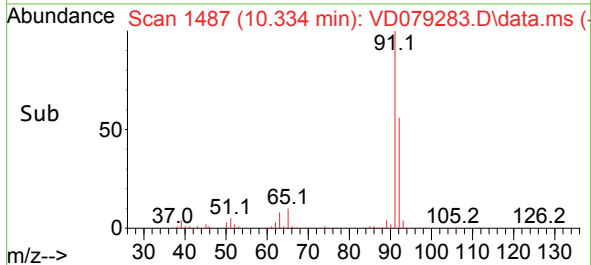
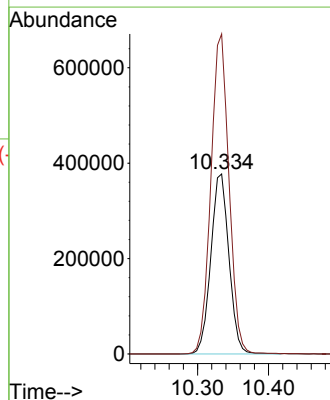
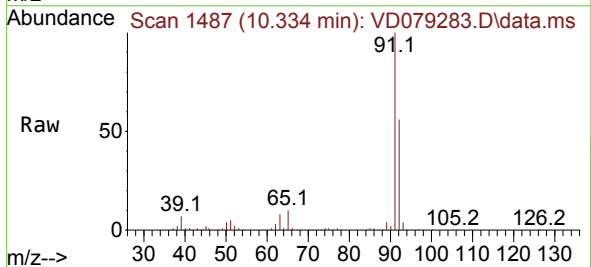
Instrument :  
MSVOA\_D  
ClientSampleId :

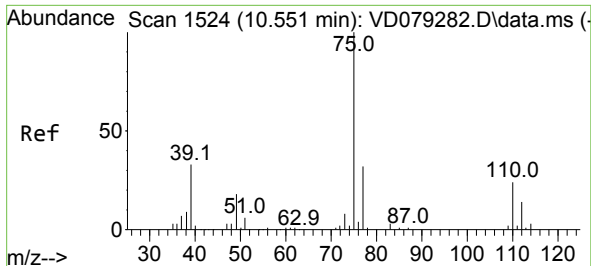
Tgt Ion: 43 Resp: 691886  
Ion Ratio Lower Upper  
43 100  
58 44.8 36.6 55.0



#52  
Toluene  
Concen: 105.019 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion: 92 Resp: 669300  
Ion Ratio Lower Upper  
92 100  
91 178.0 141.7 212.5

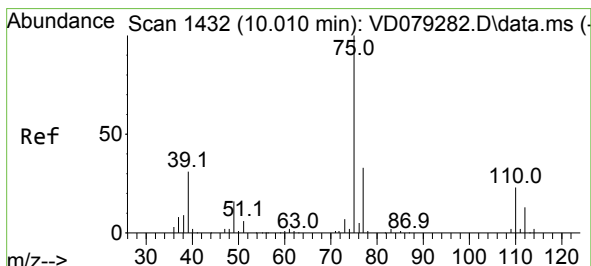
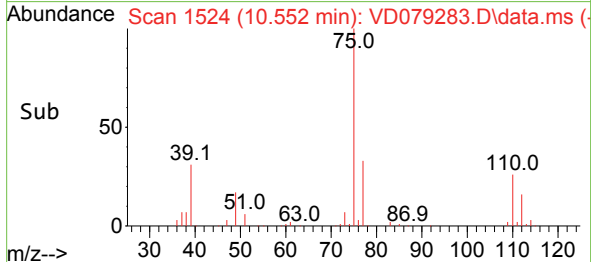
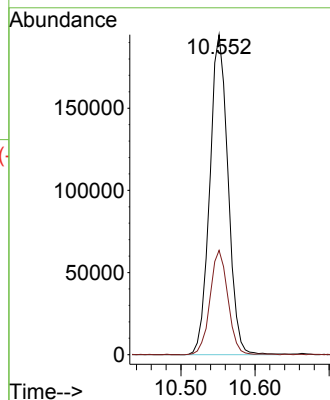
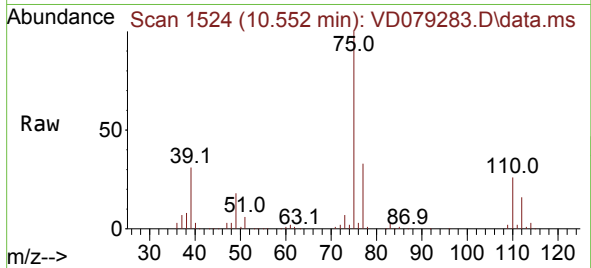




#53  
 t-1,3-Dichloropropene  
 Concen: 104.343 ug/l  
 RT: 10.552 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VD079283.D  
 Acq: 28 Jun 2024 15:21

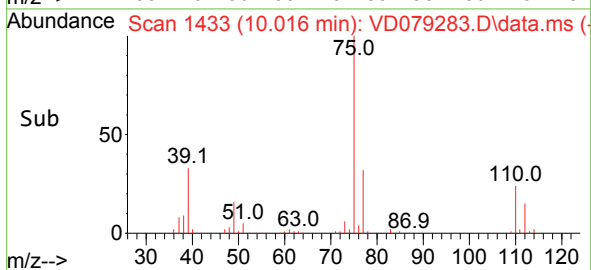
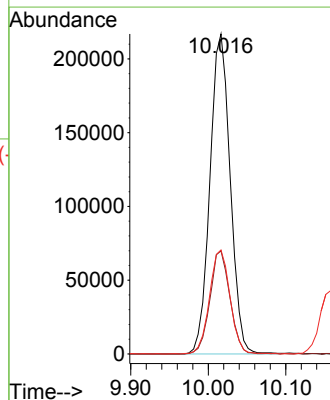
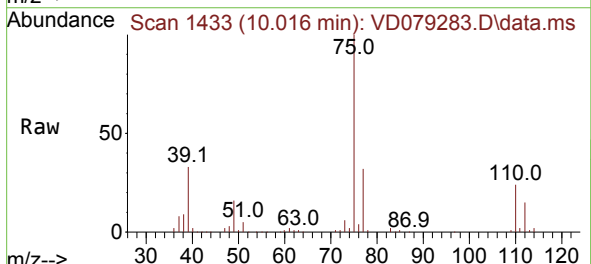
Instrument :  
 MSVOA\_D  
 ClientSampleId :

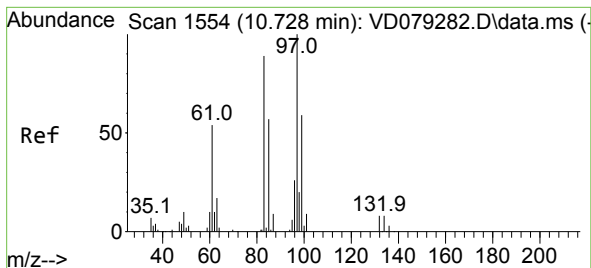
Tgt Ion: 75 Resp: 333359  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 25.0 37.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 102.893 ug/l  
 RT: 10.016 min Scan# 1433  
 Delta R.T. 0.000 min  
 Lab File: VD079283.D  
 Acq: 28 Jun 2024 15:21

Tgt Ion: 75 Resp: 394424  
 Ion Ratio Lower Upper  
 75 100  
 77 32.2 24.4 36.6  
 39 32.5 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 99.153 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. 0.000 min

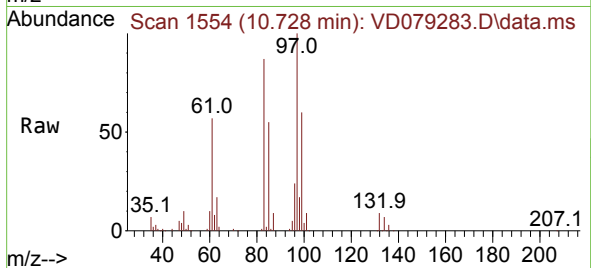
Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA\_D

ClientSampleId :



Tgt Ion: 97 Resp: 184880

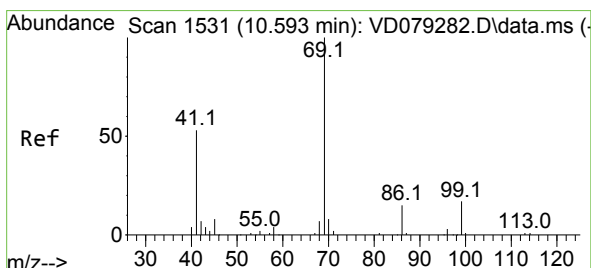
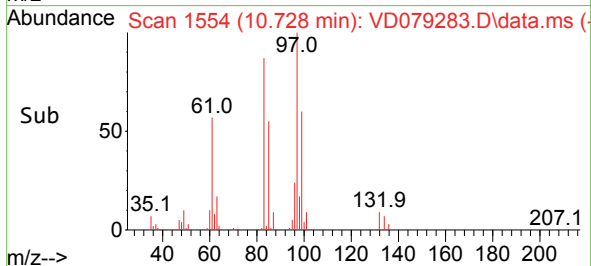
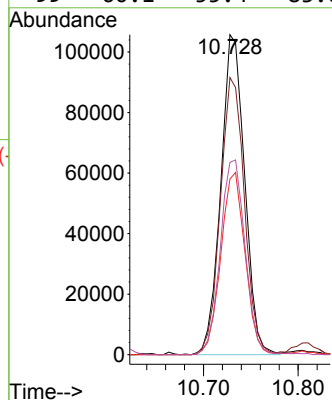
Ion Ratio Lower Upper

97 100

83 86.6 65.8 98.8

85 54.9 43.8 65.8

99 60.1 55.4 83.0



#56

Ethyl methacrylate

Concen: 98.651 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. -0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

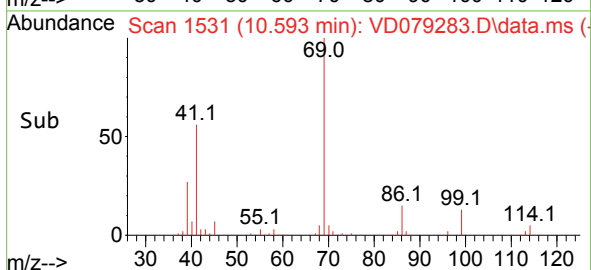
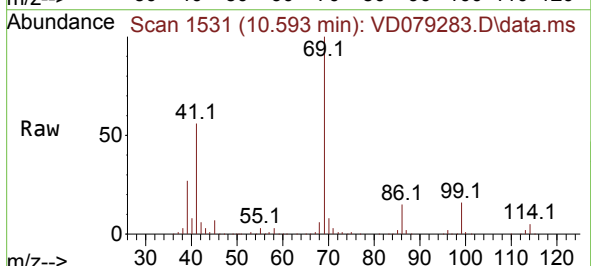
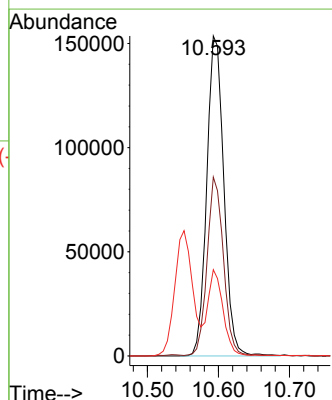
Tgt Ion: 69 Resp: 256797

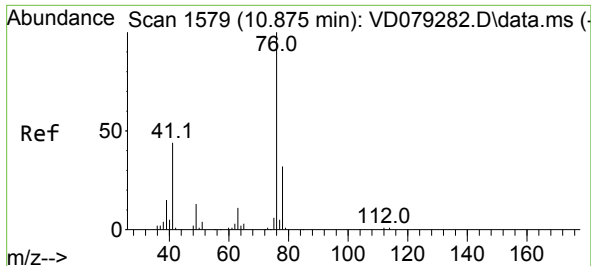
Ion Ratio Lower Upper

69 100

41 53.9 39.8 59.6

39 24.4 20.2 30.4





#57

1,3-Dichloropropane

Concen: 100.779 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

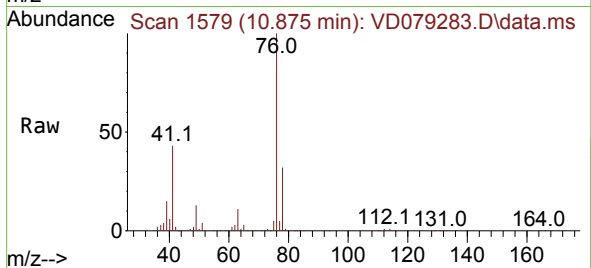
Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

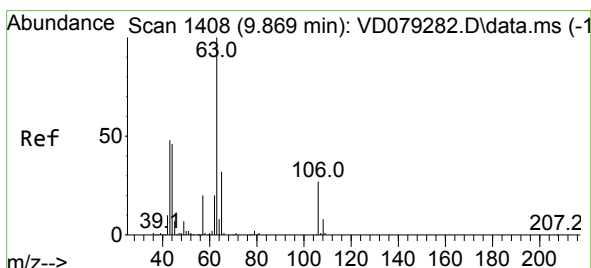
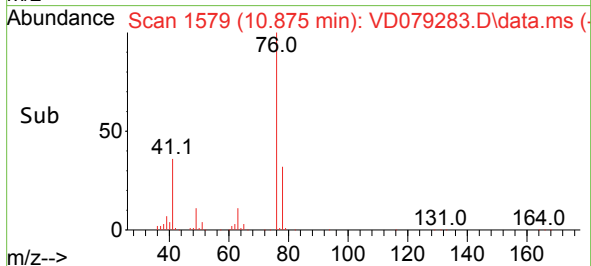
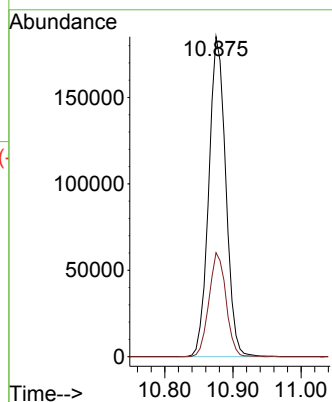
MSVOA\_D

ClientSampleId :



Tgt Ion: 76 Resp: 321275

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 76  | 100   |       |       |
| 78  | 32.6  | 26.2  | 39.2  |



#58

2-Chloroethyl Vinyl ether

Concen: 480.191 ug/l

RT: 9.869 min Scan# 1408

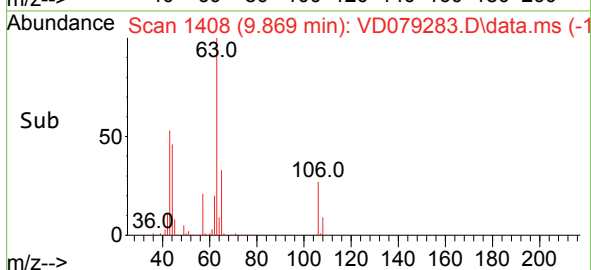
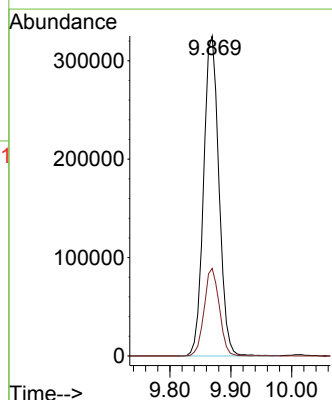
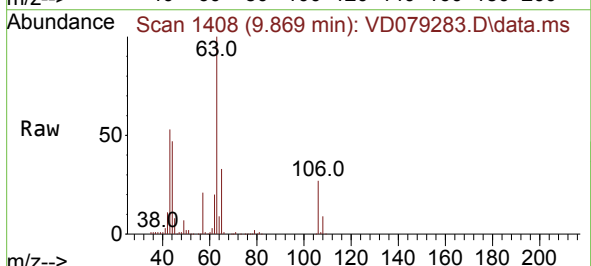
Delta R.T. 0.000 min

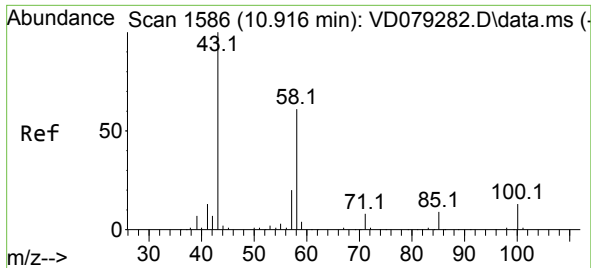
Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Tgt Ion: 63 Resp: 570104

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 106 | 27.0  | 26.4  | 39.6  |

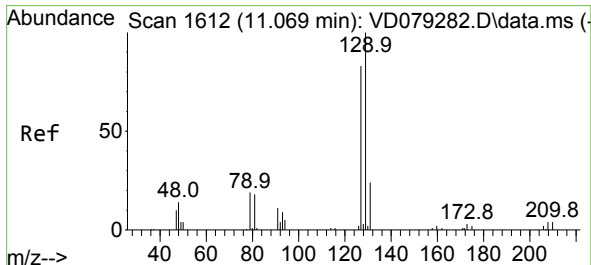
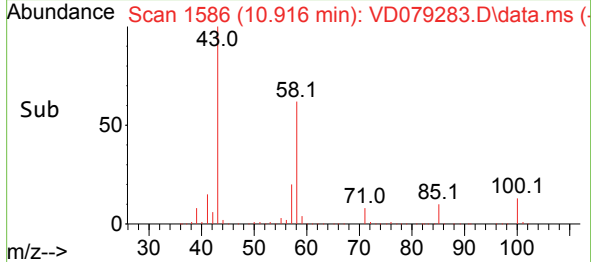
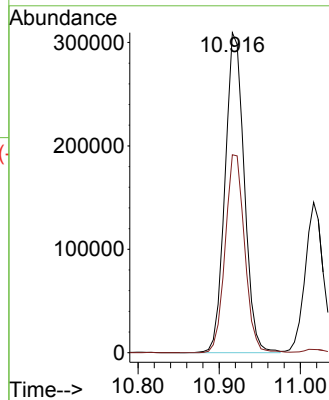
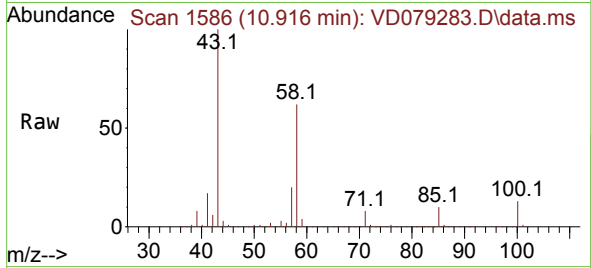




#59  
2-Hexanone  
Concen: 558.531 ug/l  
RT: 10.916 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

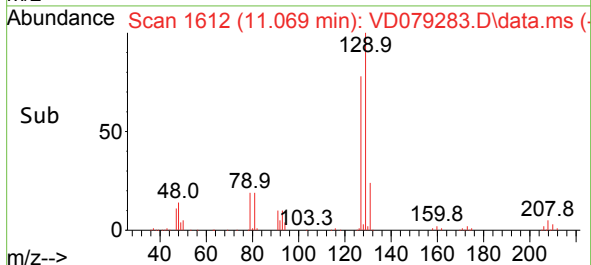
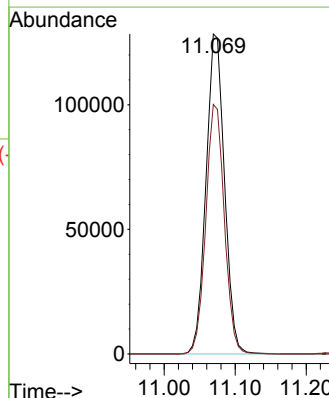
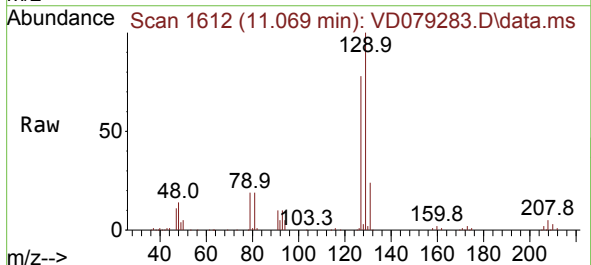
Instrument :  
MSVOA\_D  
ClientSampleId :

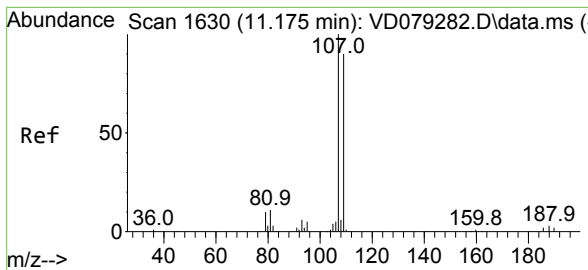
Tgt Ion: 43 Resp: 508796  
Ion Ratio Lower Upper  
43 100  
58 62.6 31.1 93.5



#60  
Dibromochloromethane  
Concen: 98.689 ug/l  
RT: 11.069 min Scan# 1612  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion:129 Resp: 232280  
Ion Ratio Lower Upper  
129 100  
127 78.2 38.0 113.9

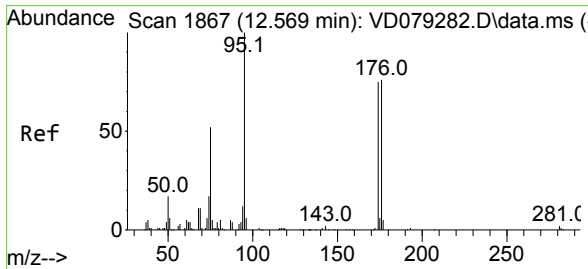
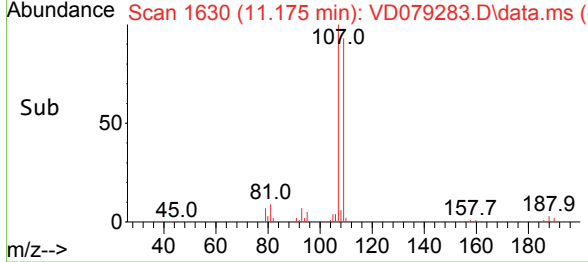
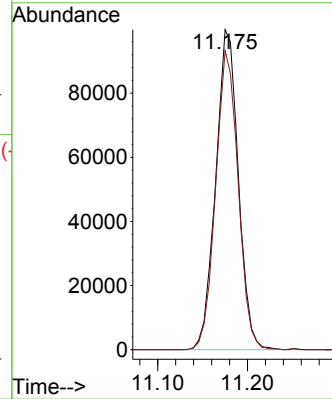
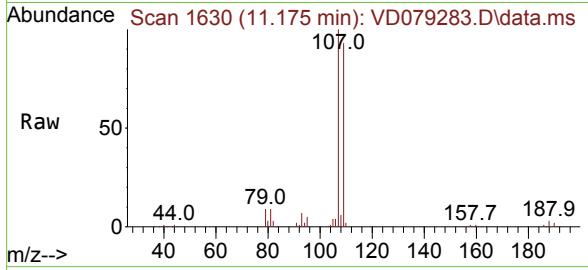




#61  
1,2-Dibromoethane  
Concen: 102.329 ug/l  
RT: 11.175 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

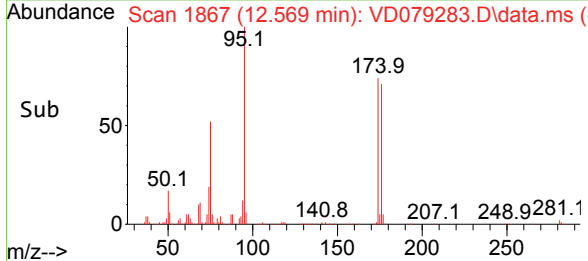
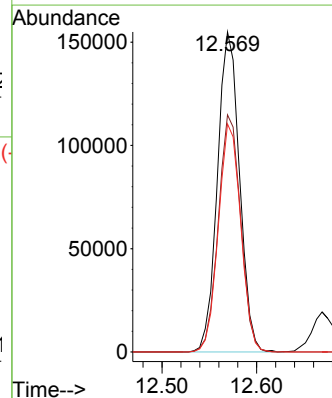
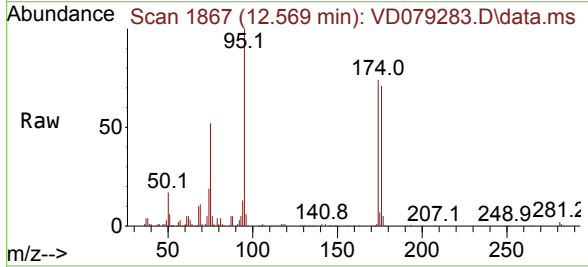
Instrument :  
MSVOA\_D  
ClientSampleId :

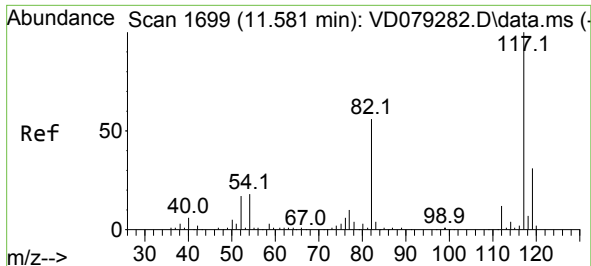
Tgt Ion:107 Resp: 174925  
Ion Ratio Lower Upper  
107 100  
109 92.7 72.0 108.0



#62  
4-Bromofluorobenzene  
Concen: 100.684 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion: 95 Resp: 250847  
Ion Ratio Lower Upper  
95 100  
174 75.2 0.0 195.4  
176 72.1 0.0 192.6

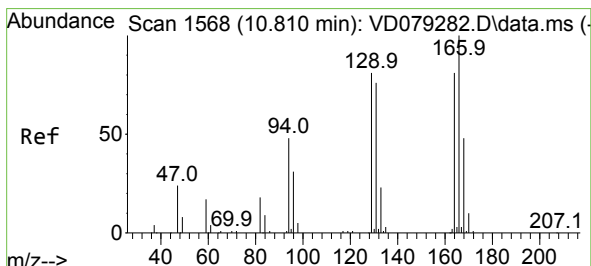
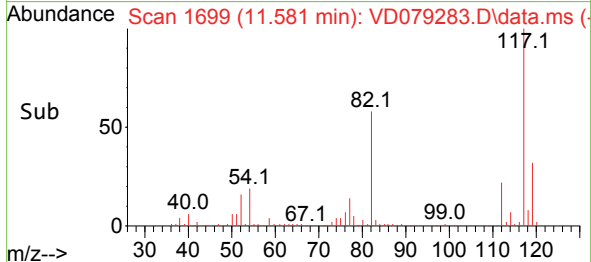
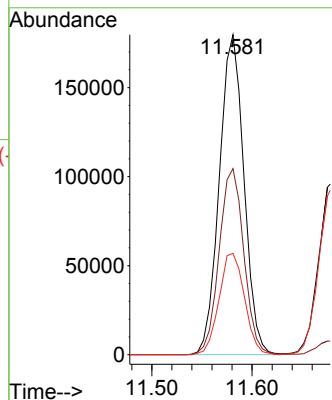
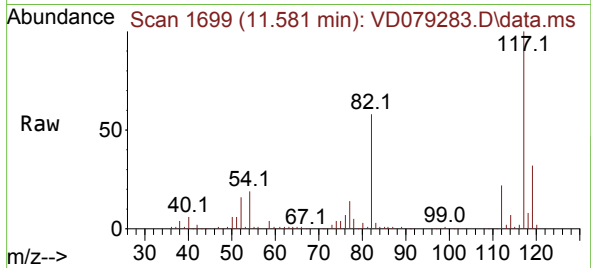




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

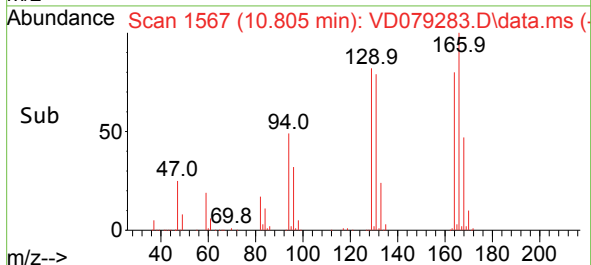
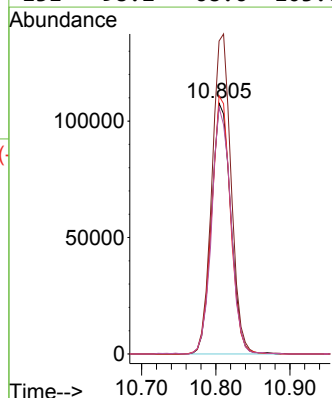
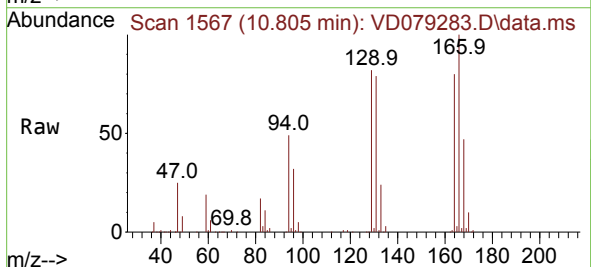
Instrument :  
MSVOA\_D  
ClientSampleId :

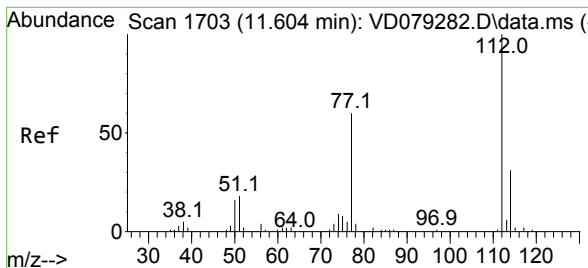
Tgt Ion:117 Resp: 306546  
Ion Ratio Lower Upper  
117 100  
82 58.1 39.8 59.6  
119 31.7 25.7 38.5



#64  
Tetrachloroethene  
Concen: 102.122 ug/l  
RT: 10.805 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion:164 Resp: 195048  
Ion Ratio Lower Upper  
164 100  
166 124.9 108.6 163.0  
129 102.9 74.6 112.0  
131 98.2 68.6 103.0





#65

Chlorobenzene

Concen: 100.908 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA\_D

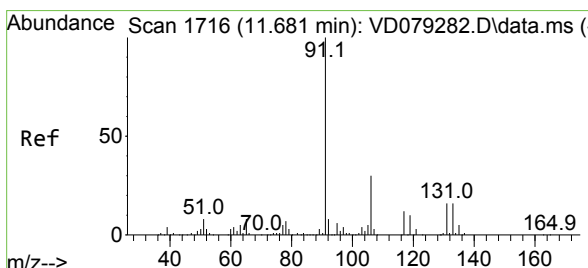
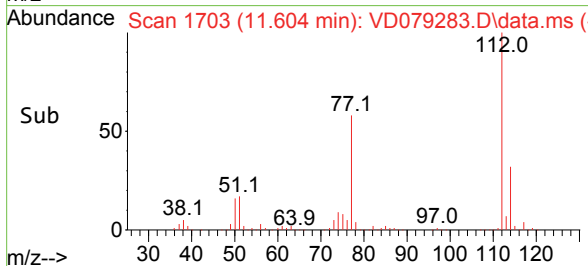
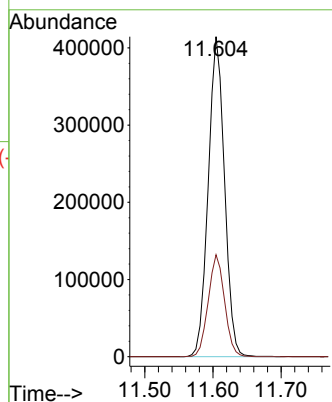
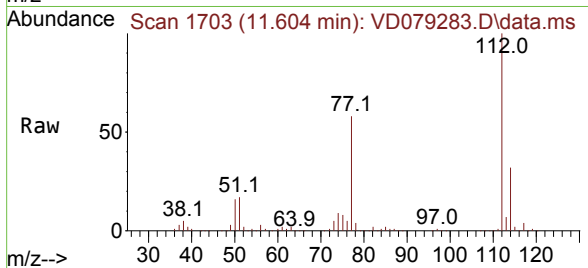
ClientSampleId :

Tgt Ion:112 Resp: 688024

Ion Ratio Lower Upper

112 100

114 31.9 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 99.322 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

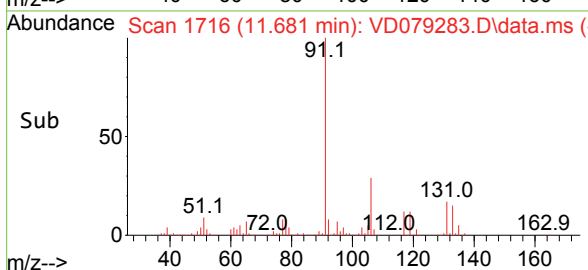
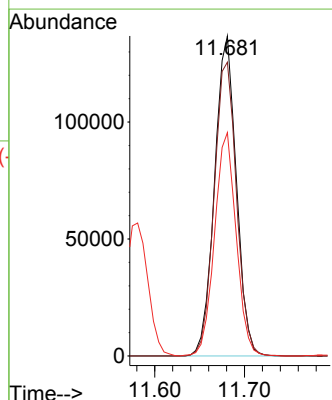
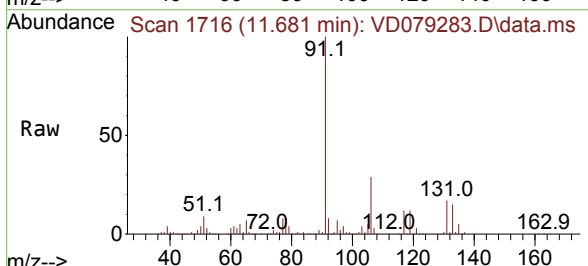
Tgt Ion:131 Resp: 230503

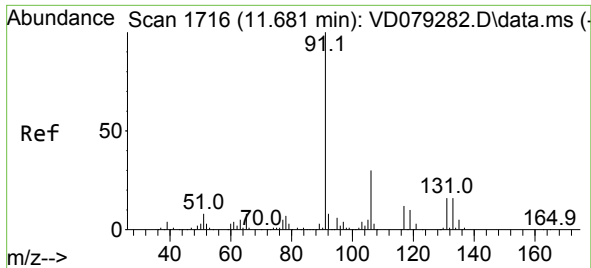
Ion Ratio Lower Upper

131 100

133 94.4 49.2 147.6

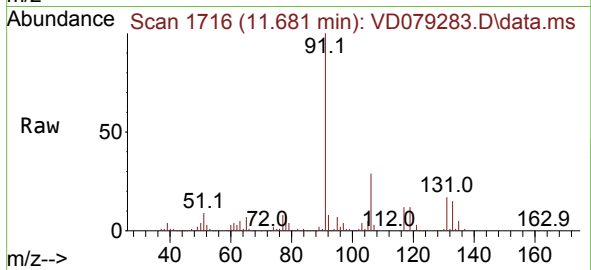
119 69.4 33.4 100.2



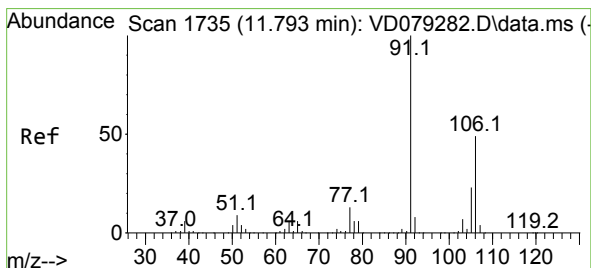
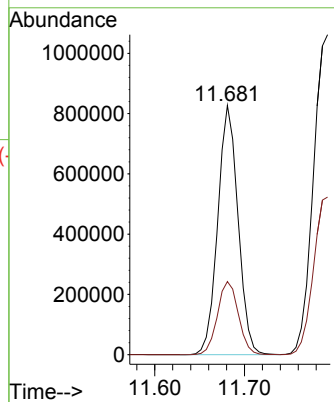
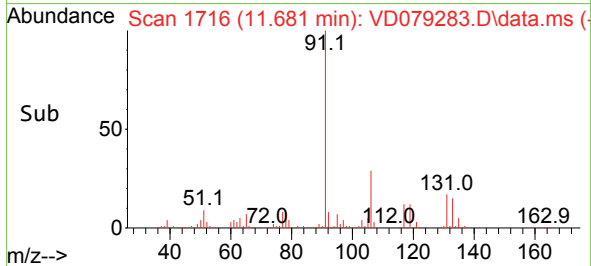


#67  
Ethyl Benzene  
Concen: 108.979 ug/l  
RT: 11.681 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

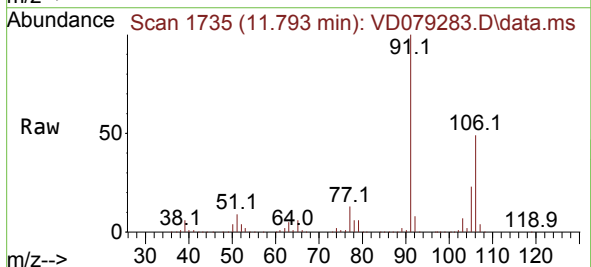
Instrument :  
MSVOA\_D  
ClientSampleId :



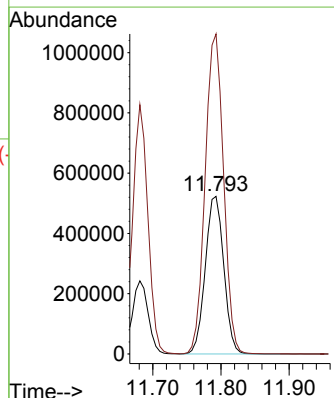
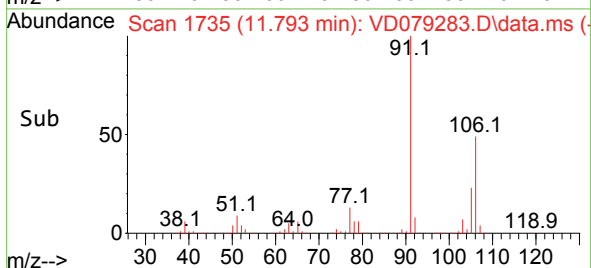
Tgt Ion: 91 Resp: 1296620  
Ion Ratio Lower Upper  
91 100  
106 29.4 25.8 38.6

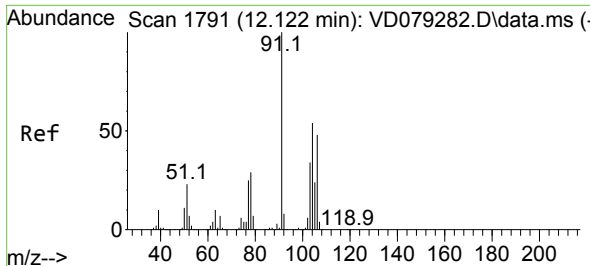


#68  
m/p-Xylenes  
Concen: 214.850 ug/l  
RT: 11.793 min Scan# 1735  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21



Tgt Ion:106 Resp: 985990  
Ion Ratio Lower Upper  
106 100  
91 202.3 148.5 222.7

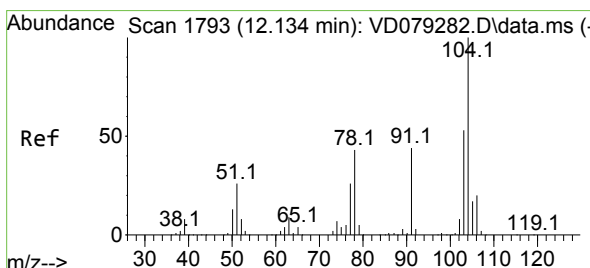
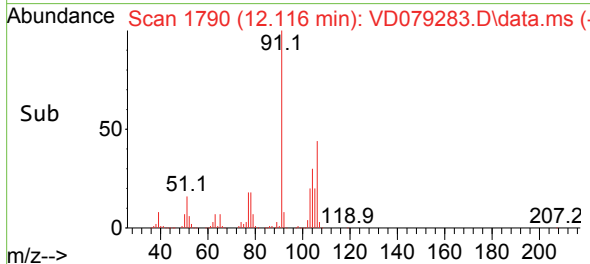
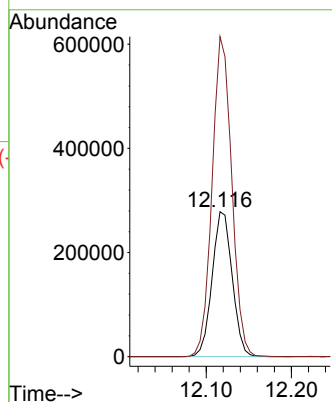
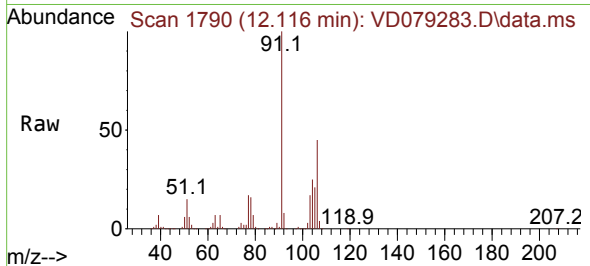




#69  
o-Xylene  
Concen: 110.351 ug/l  
RT: 12.116 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

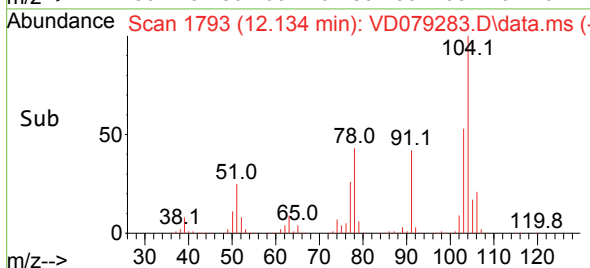
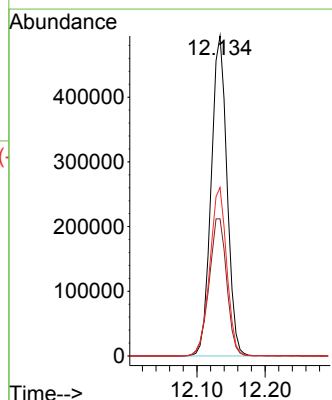
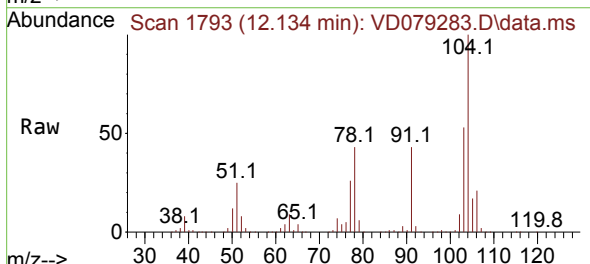
Instrument :  
MSVOA\_D  
ClientSampleId :

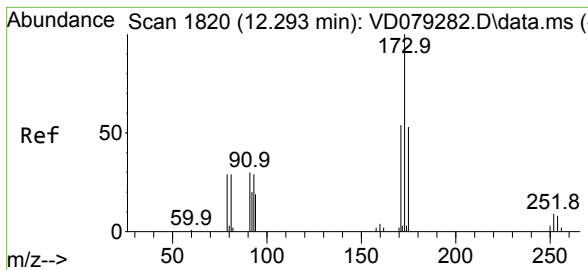
Tgt Ion:106 Resp: 454935  
Ion Ratio Lower Upper  
106 100  
91 216.4 96.7 290.1



#70  
Styrene  
Concen: 108.904 ug/l  
RT: 12.134 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion:104 Resp: 800686  
Ion Ratio Lower Upper  
104 100  
78 47.8 33.0 49.6  
103 56.2 44.2 66.4

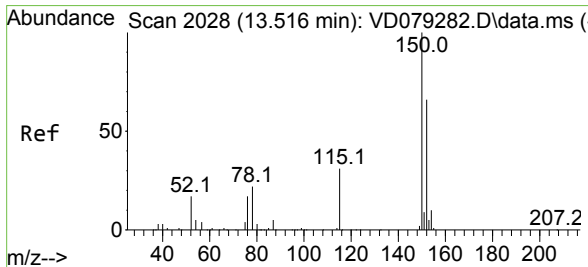
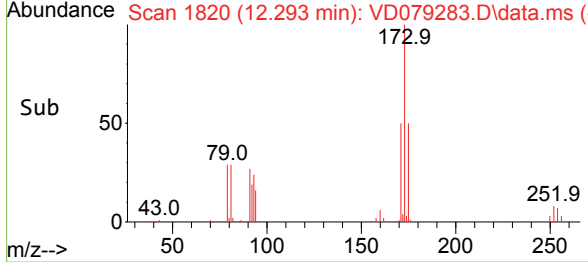
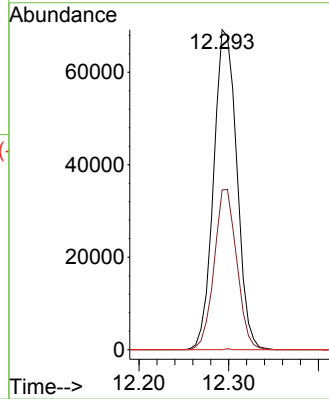
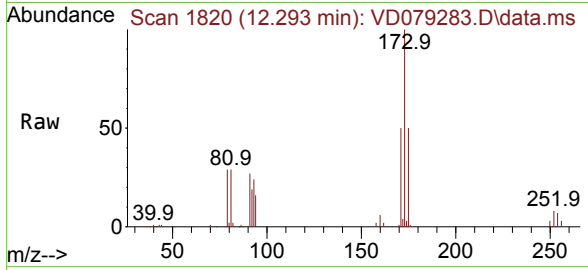




#71  
Bromoform  
Concen: 98.780 ug/l  
RT: 12.293 min Scan# 1820  
Delta R.T. -0.006 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

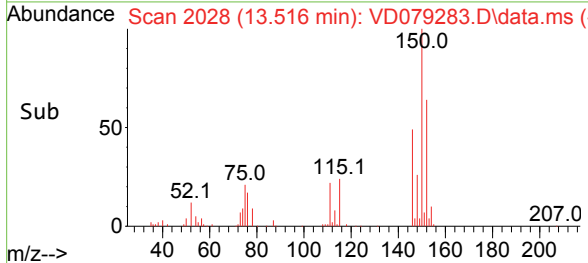
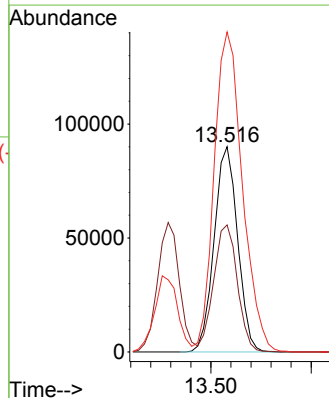
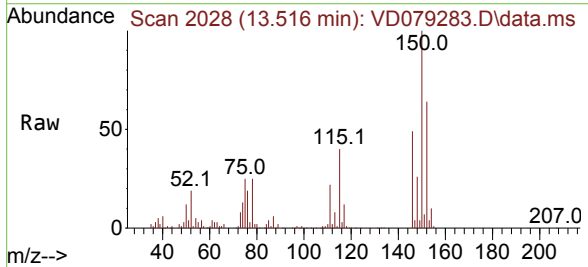
Instrument :  
MSVOA\_D  
ClientSampleId :

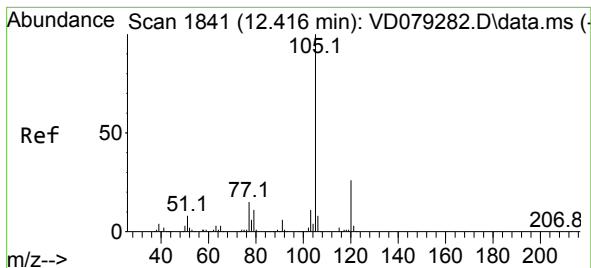
Tgt Ion:173 Resp: 124323  
Ion Ratio Lower Upper  
173 100  
175 48.8 23.7 71.1  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.516 min Scan# 2028  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion:152 Resp: 146354  
Ion Ratio Lower Upper  
152 100  
115 62.7 26.5 79.5  
150 187.8 0.0 341.6





#73

Isopropylbenzene

Concen: 108.012 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA\_D

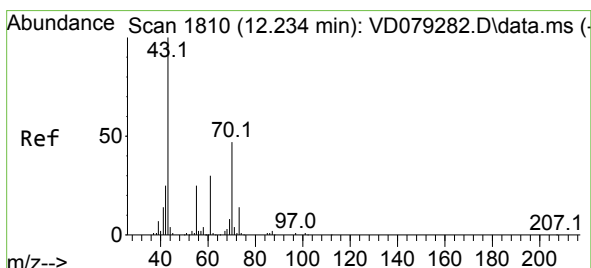
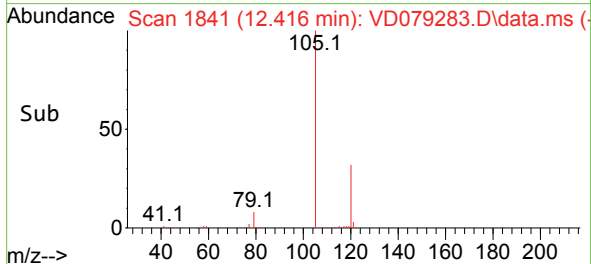
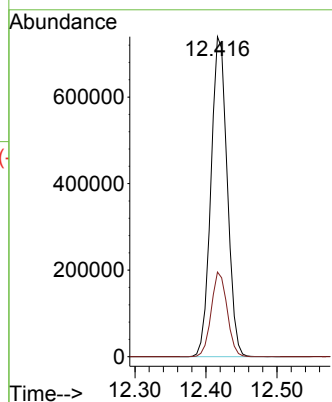
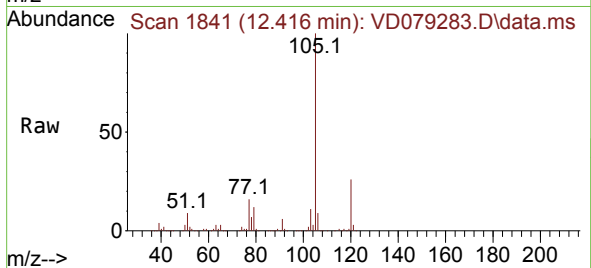
ClientSampleId :

Tgt Ion:105 Resp: 1175141

Ion Ratio Lower Upper

105 100

120 25.8 13.6 40.7



#74

N-ethyl acetate

Concen: 105.916 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Tgt Ion: 43 Resp: 252926

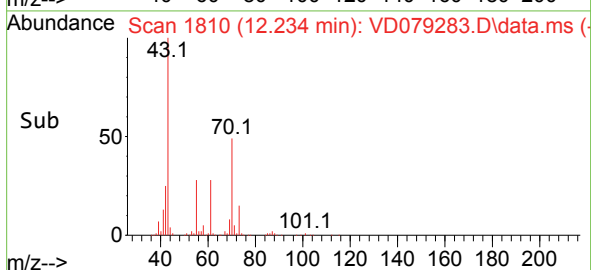
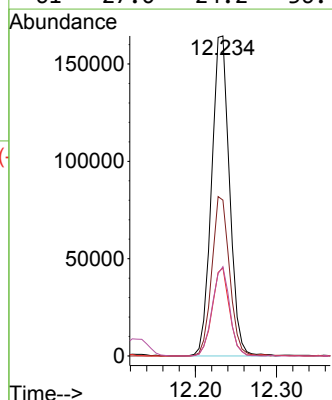
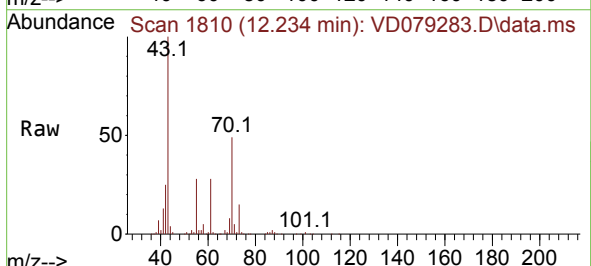
Ion Ratio Lower Upper

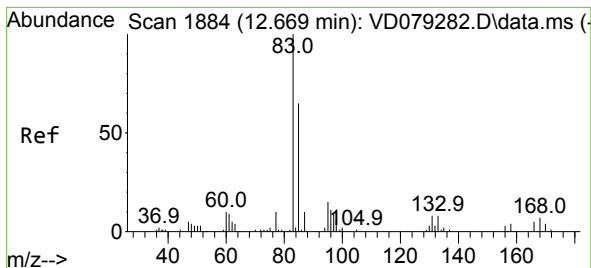
43 100

70 48.9 44.3 66.5

55 26.4 23.2 34.8

61 27.0 24.2 36.4

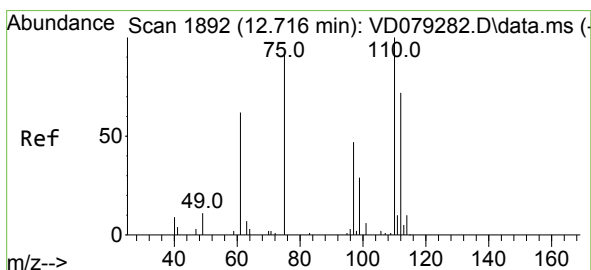
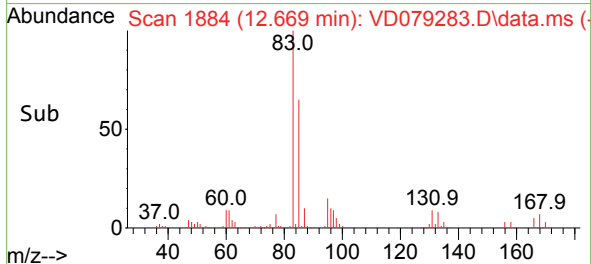
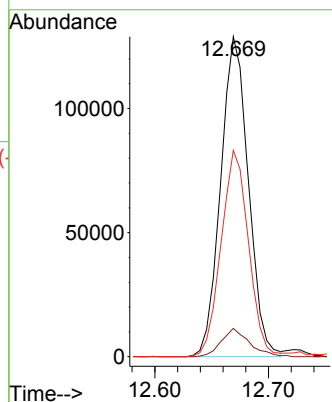
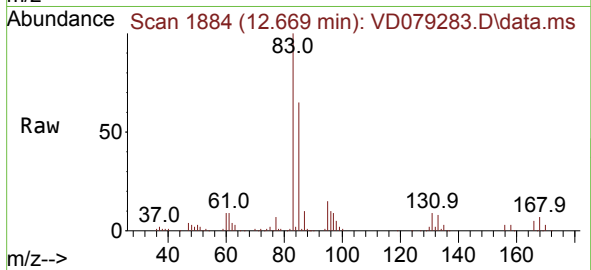




#75  
1,1,2,2-Tetrachloroethane  
Concen: 96.216 ug/l  
RT: 12.669 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

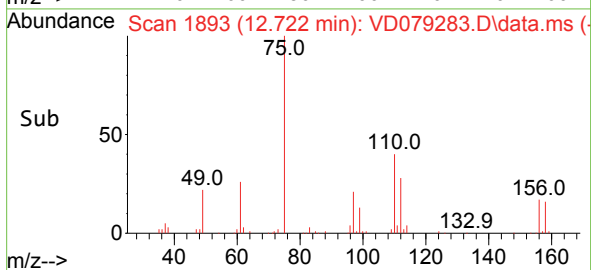
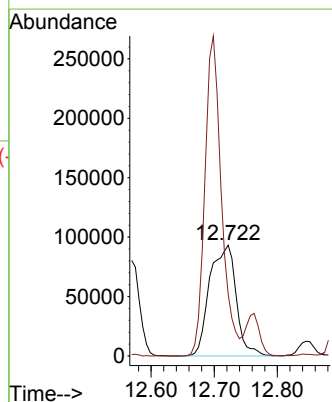
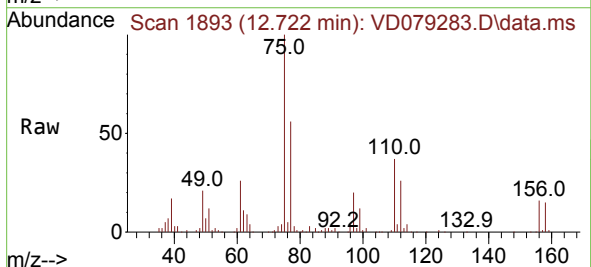
Instrument :  
MSVOA\_D  
ClientSampleId :

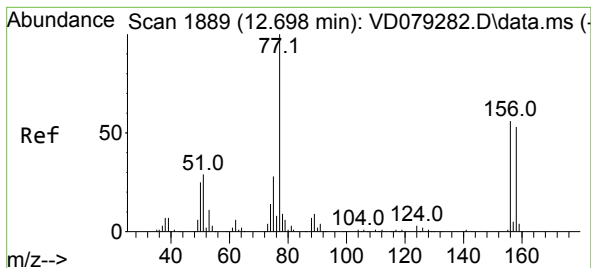
Tgt Ion: 83 Resp: 218216  
Ion Ratio Lower Upper  
83 100  
131 9.0 5.5 16.5  
85 64.0 33.8 101.3



#76  
1,2,3-Trichloropropane  
Concen: 187.140 ug/l  
RT: 12.722 min Scan# 1893  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion: 75 Resp: 271669  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 101.637 ug/l

RT: 12.699 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA\_D

ClientSampleId :

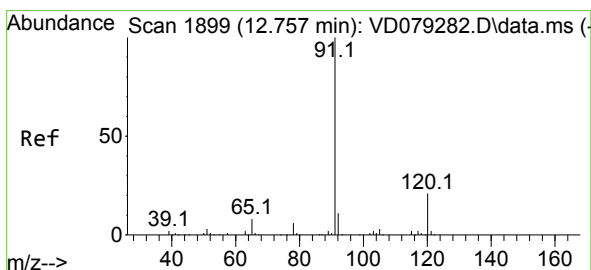
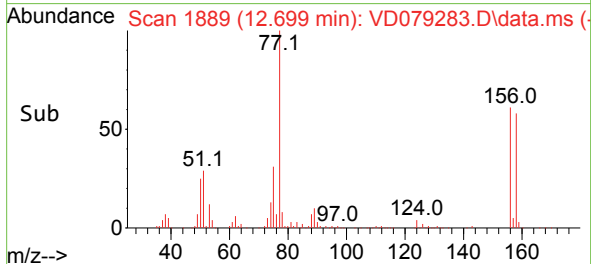
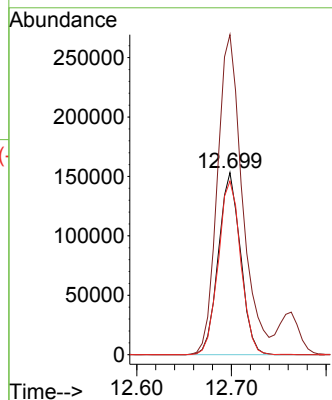
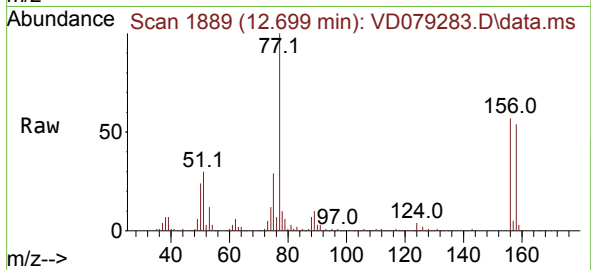
Tgt Ion:156 Resp: 248745

Ion Ratio Lower Upper

156 100

77 198.0 77.3 231.9

158 97.1 49.6 149.0



#78

n-propylbenzene

Concen: 105.515 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD079283.D

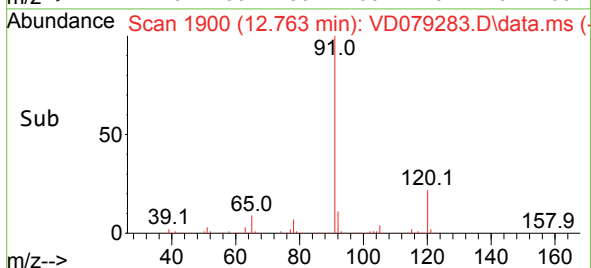
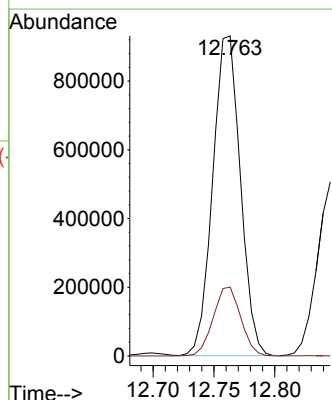
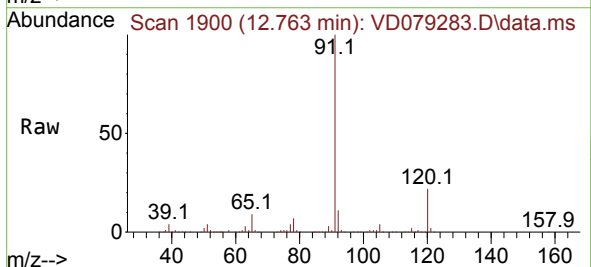
Acq: 28 Jun 2024 15:21

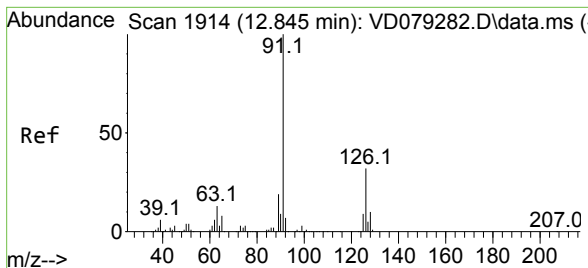
Tgt Ion: 91 Resp: 1469659

Ion Ratio Lower Upper

91 100

120 21.5 12.3 36.8





#79

2-Chlorotoluene

Concen: 105.016 ug/l

RT: 12.846 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA\_D

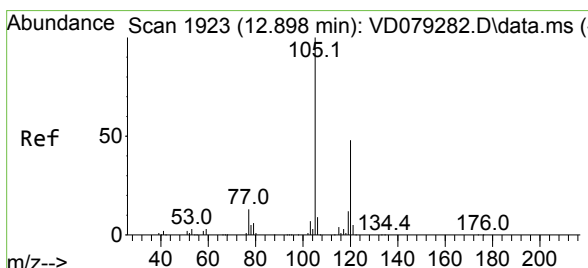
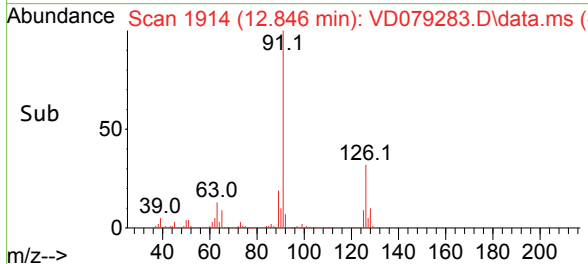
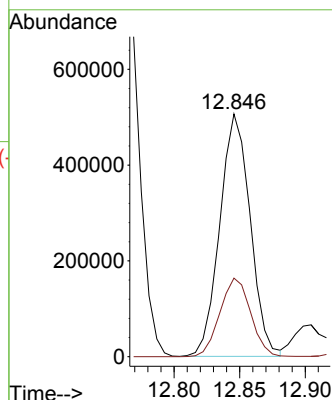
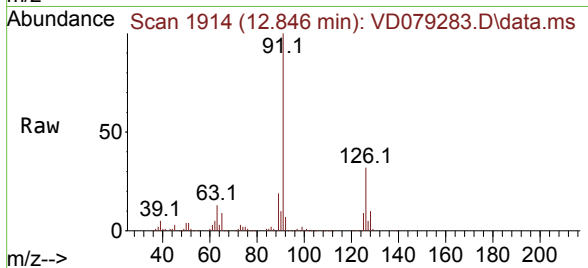
ClientSampleId :

Tgt Ion: 91 Resp: 817743

Ion Ratio Lower Upper

91 100

126 32.7 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 106.277 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VD079283.D

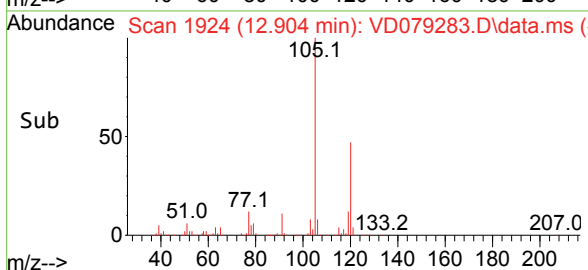
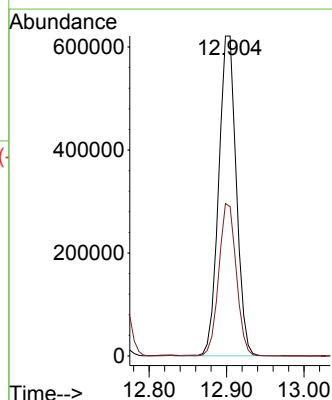
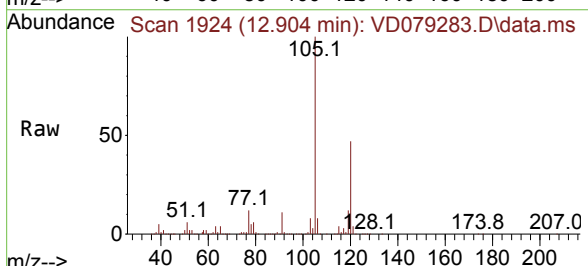
Acq: 28 Jun 2024 15:21

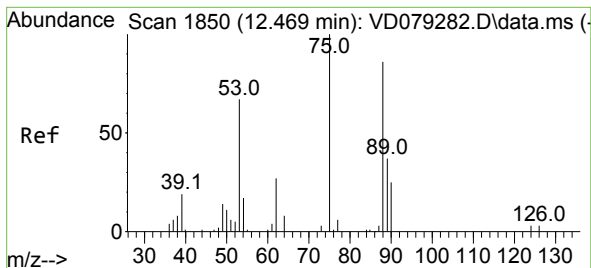
Tgt Ion:105 Resp: 978962

Ion Ratio Lower Upper

105 100

120 47.3 25.7 77.1

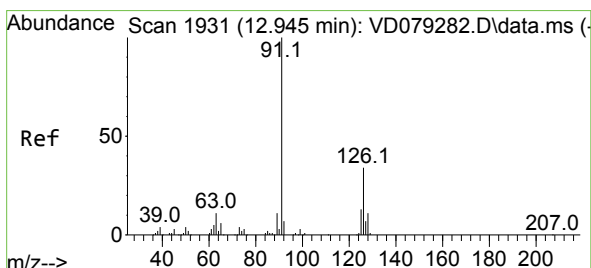
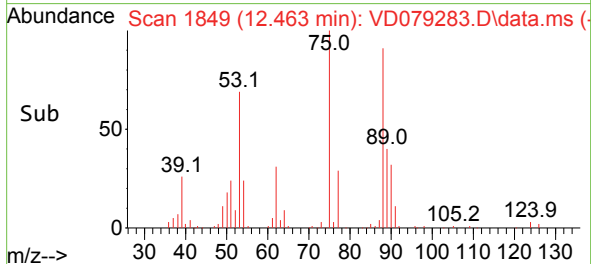
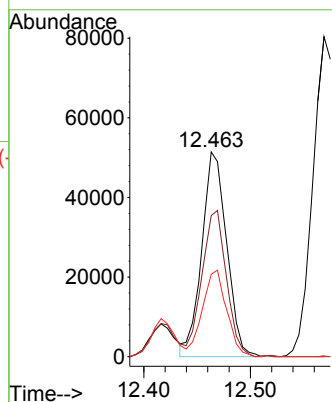
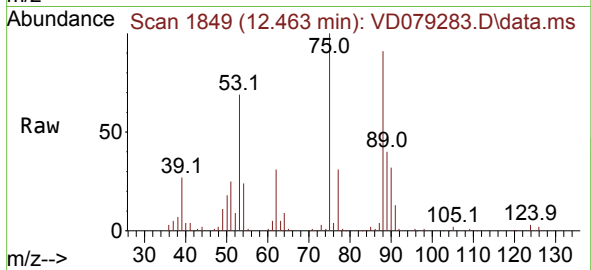




#81  
trans-1,4-Dichloro-2-butene  
Concen: 106.109 ug/l  
RT: 12.463 min Scan# 1849  
Delta R.T. -0.006 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

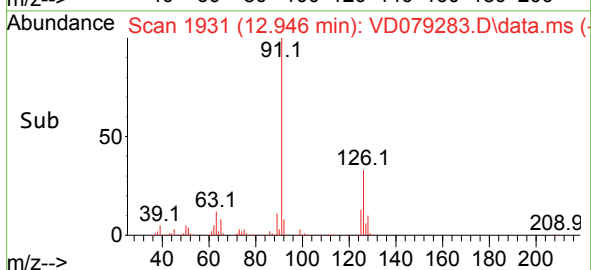
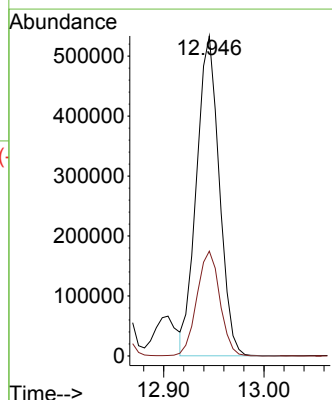
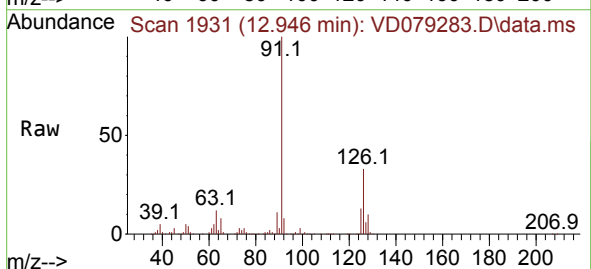
Instrument :  
MSVOA\_D  
ClientSampleId :

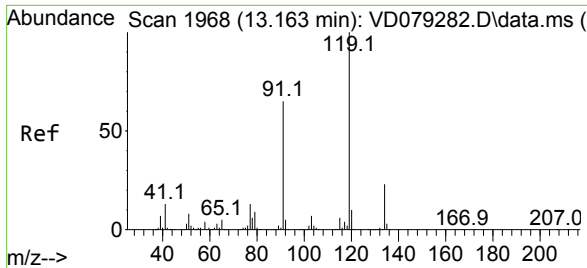
Tgt Ion: 75 Resp: 83752  
Ion Ratio Lower Upper  
75 100  
53 70.1 61.4 92.2  
89 41.0 35.4 53.0



#82  
4-Chlorotoluene  
Concen: 102.629 ug/l  
RT: 12.946 min Scan# 1931  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion: 91 Resp: 839635  
Ion Ratio Lower Upper  
91 100  
126 33.2 18.9 56.9

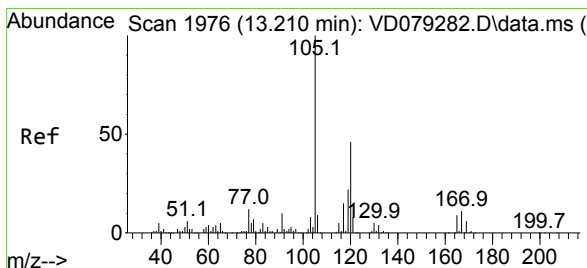
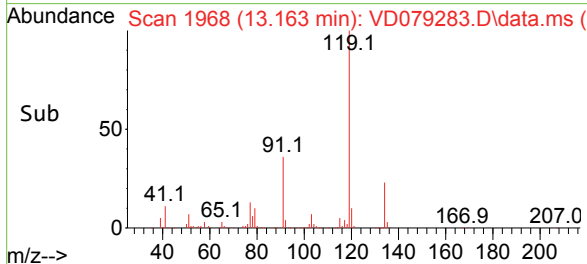
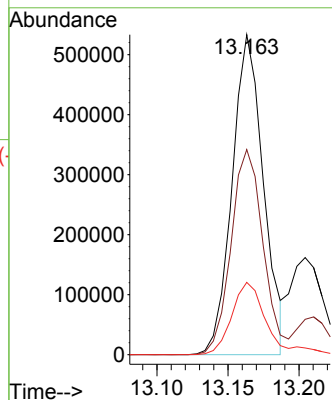
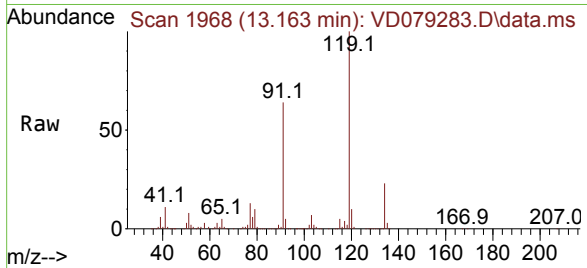




#83  
tert-Butylbenzene  
Concen: 109.721 ug/l  
RT: 13.163 min Scan# 1968  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

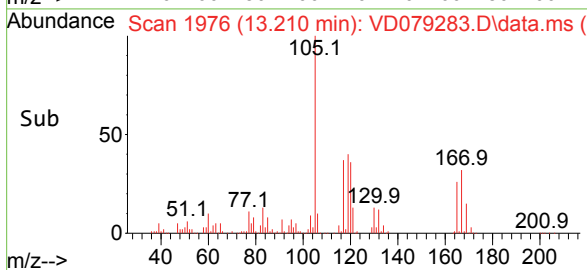
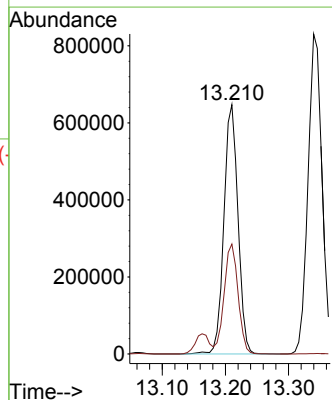
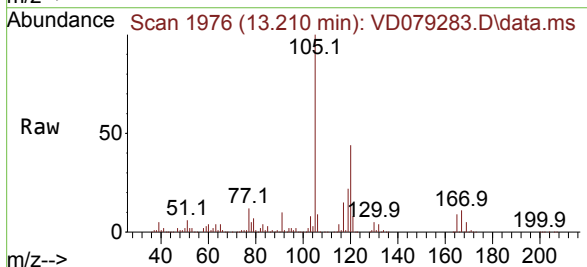
Instrument :  
MSVOA\_D  
ClientSampleId :

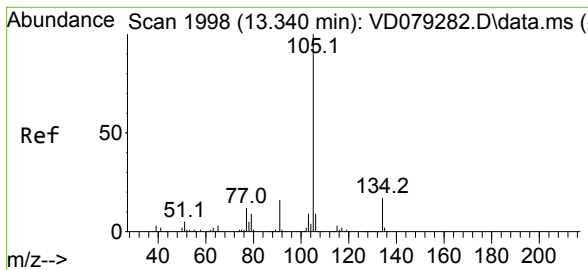
Tgt Ion:119 Resp: 818711  
Ion Ratio Lower Upper  
119 100  
91 65.9 28.2 84.7  
134 25.2 13.4 40.1



#84  
1,2,4-Trimethylbenzene  
Concen: 108.764 ug/l  
RT: 13.210 min Scan# 1976  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion:105 Resp: 1002799  
Ion Ratio Lower Upper  
105 100  
120 43.7 23.6 71.0

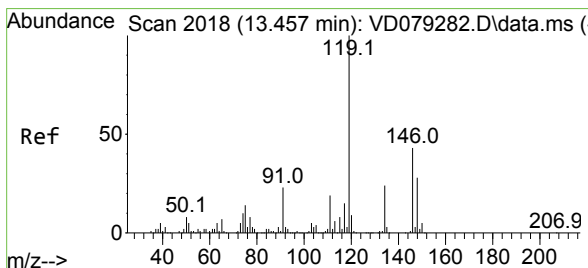
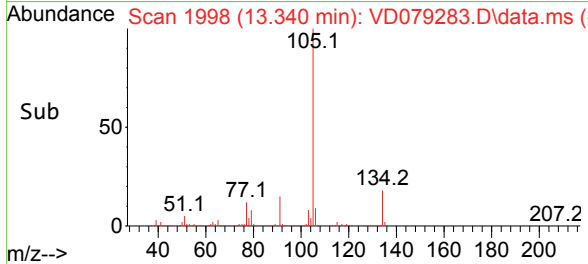
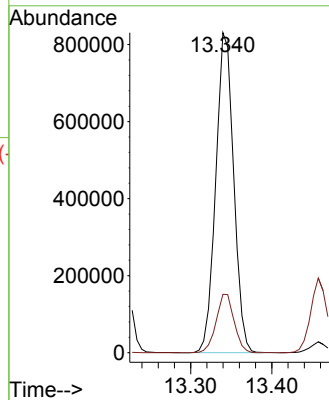
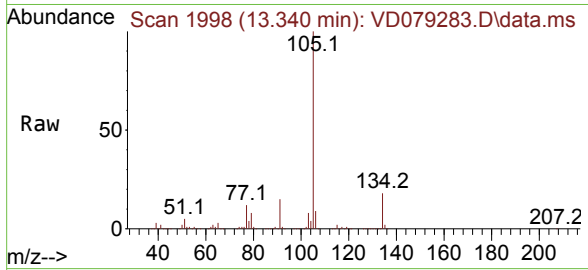




#85  
 sec-Butylbenzene  
 Concen: 107.425 ug/l  
 RT: 13.340 min Scan# 1998  
 Delta R.T. 0.000 min  
 Lab File: VD079283.D  
 Acq: 28 Jun 2024 15:21

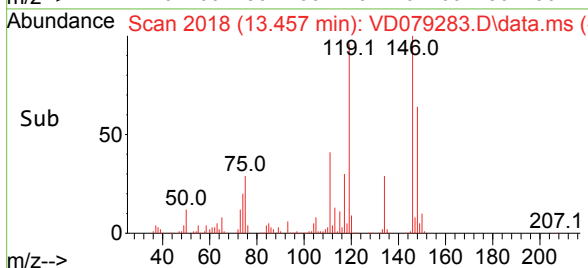
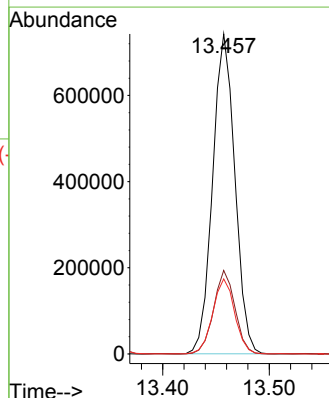
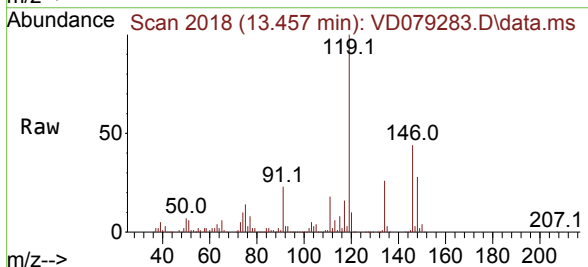
Instrument :  
 MSVOA\_D  
 ClientSampleId :

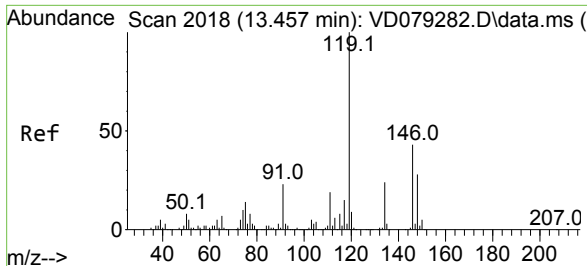
Tgt Ion:105 Resp: 1275417  
 Ion Ratio Lower Upper  
 105 100  
 134 18.3 10.3 30.8



#86  
 p-Isopropyltoluene  
 Concen: 110.009 ug/l  
 RT: 13.457 min Scan# 2018  
 Delta R.T. 0.000 min  
 Lab File: VD079283.D  
 Acq: 28 Jun 2024 15:21

Tgt Ion:119 Resp: 1078033  
 Ion Ratio Lower Upper  
 119 100  
 134 25.1 13.7 41.1  
 91 23.2 10.7 32.1

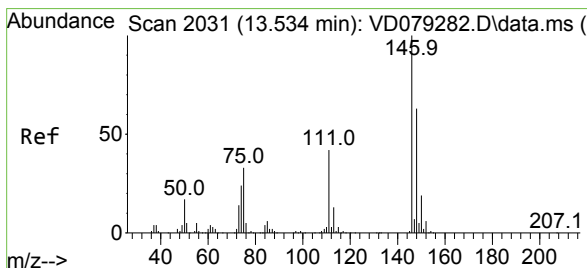
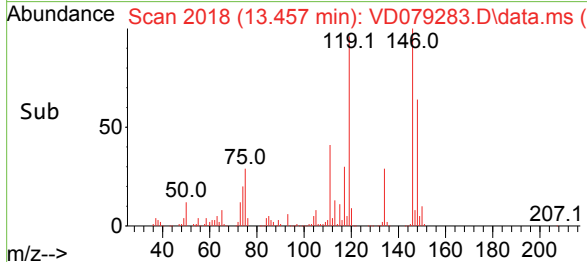
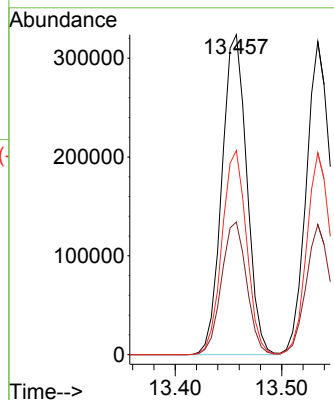
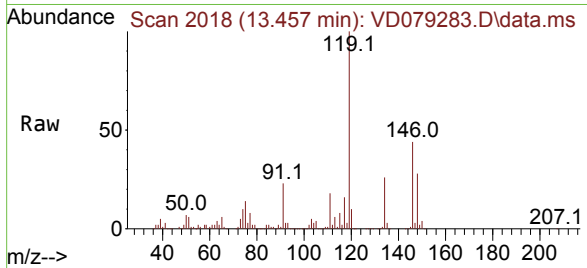




#87  
1,3-Dichlorobenzene  
Concen: 100.972 ug/l  
RT: 13.457 min Scan# 2018  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

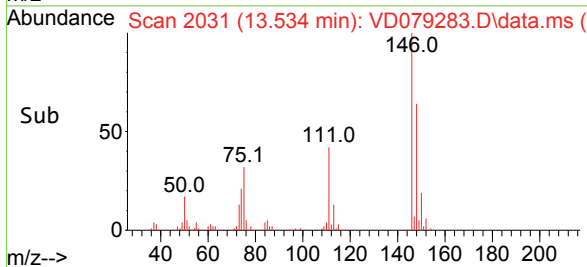
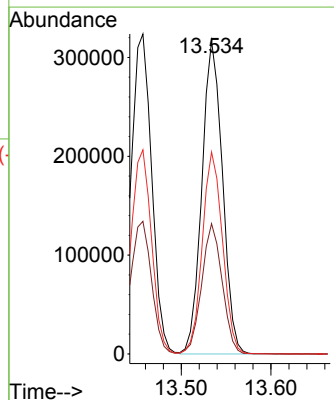
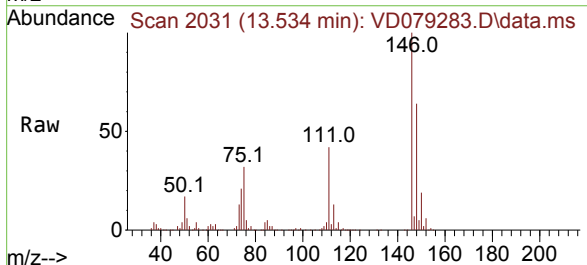
Instrument :  
MSVOA\_D  
ClientSampleId :

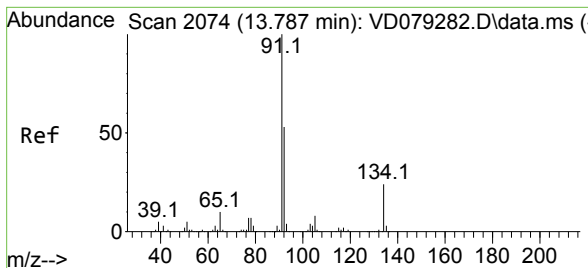
Tgt Ion:146 Resp: 525472  
Ion Ratio Lower Upper  
146 100  
111 41.9 18.5 55.5  
148 63.0 30.9 92.8



#88  
1,4-Dichlorobenzene  
Concen: 97.755 ug/l  
RT: 13.534 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion:146 Resp: 505602  
Ion Ratio Lower Upper  
146 100  
111 41.4 17.5 52.6  
148 63.3 31.4 94.2





#89

n-Butylbenzene

Concen: 109.254 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

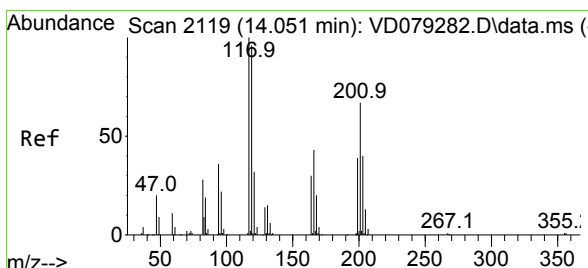
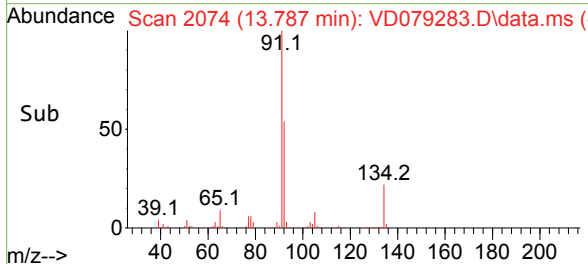
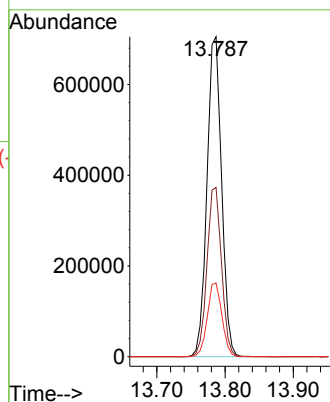
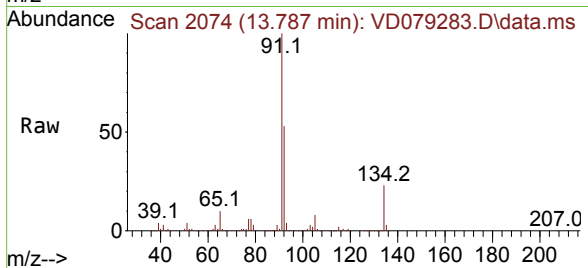
Instrument :

MSVOA\_D

ClientSampleId :

Tgt Ion: 91 Resp: 1050580

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 52.6  | 25.7  | 77.0  |
| 134 | 23.1  | 13.6  | 40.8  |



#90

Hexachloroethane

Concen: 97.937 ug/l

RT: 14.051 min Scan# 2119

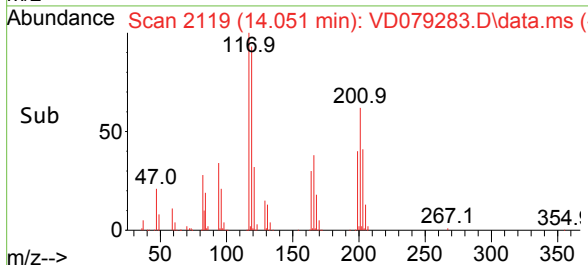
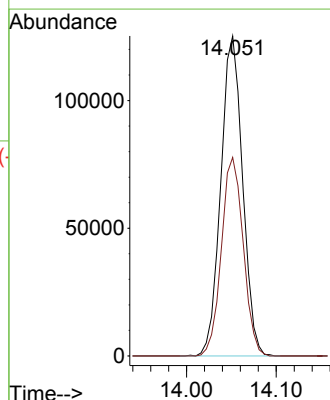
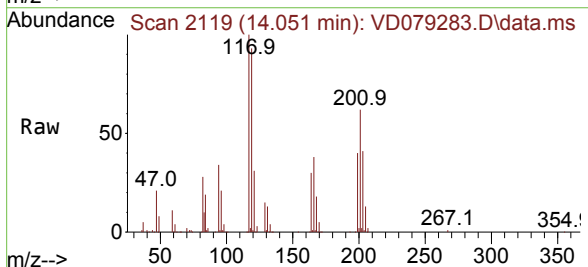
Delta R.T. 0.000 min

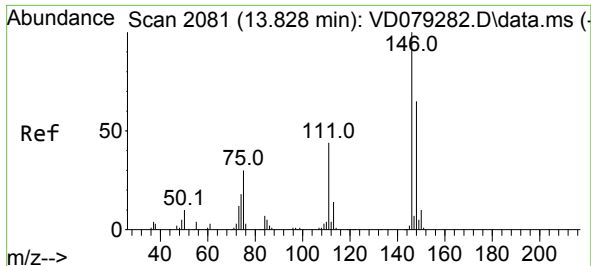
Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Tgt Ion: 117 Resp: 211097

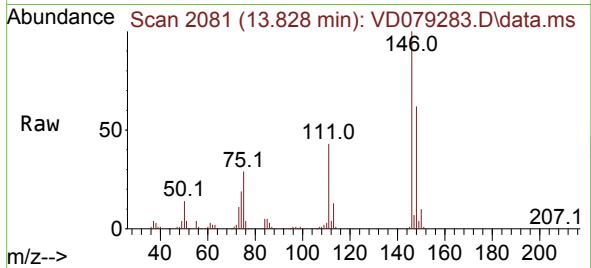
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 62.1  | 36.3  | 108.9 |



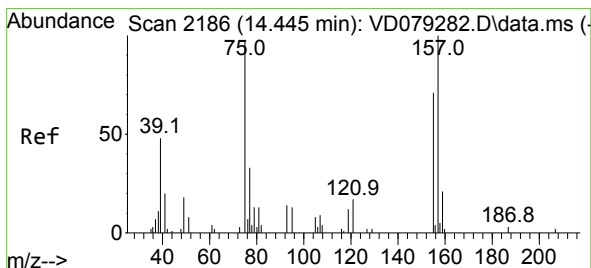
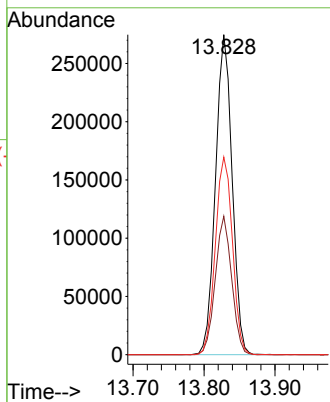
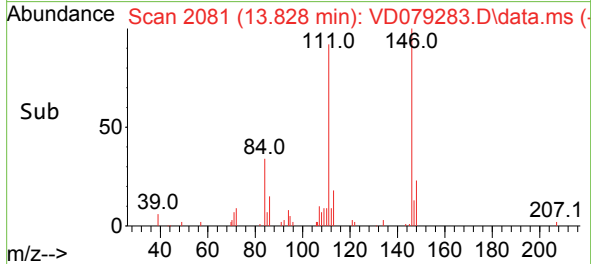


#91  
1,2-Dichlorobenzene  
Concen: 99.422 ug/l  
RT: 13.828 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Instrument :  
MSVOA\_D  
ClientSampleId :

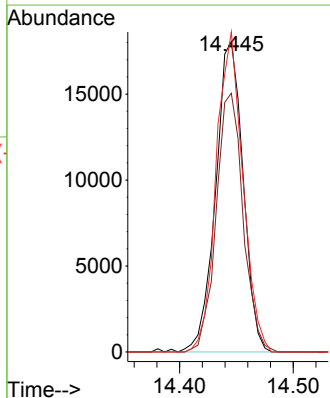
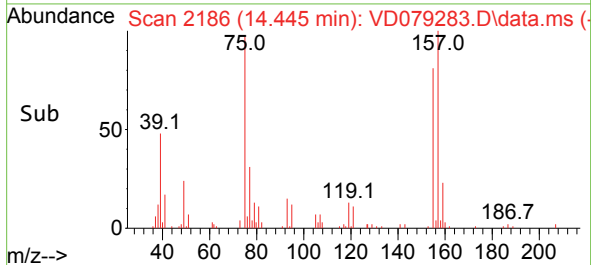
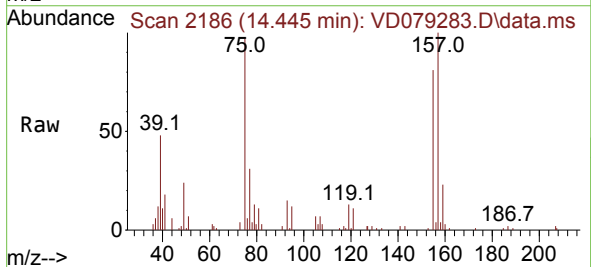


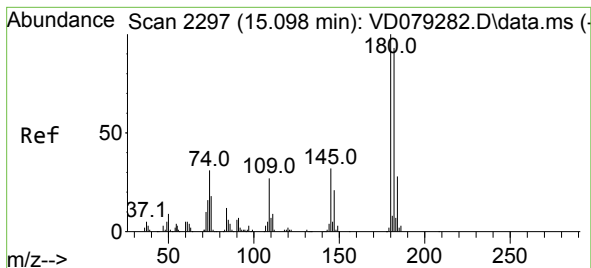
Tgt Ion:146 Resp: 445265  
Ion Ratio Lower Upper  
146 100  
111 42.8 19.1 57.1  
148 63.4 31.1 93.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 97.202 ug/l  
RT: 14.445 min Scan# 2186  
Delta R.T. 0.000 min  
Lab File: VD079283.D  
Acq: 28 Jun 2024 15:21

Tgt Ion: 75 Resp: 30223  
Ion Ratio Lower Upper  
75 100  
155 82.0 47.7 143.1  
157 99.8 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 107.217 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

Instrument :

MSVOA\_D

ClientSampleId :

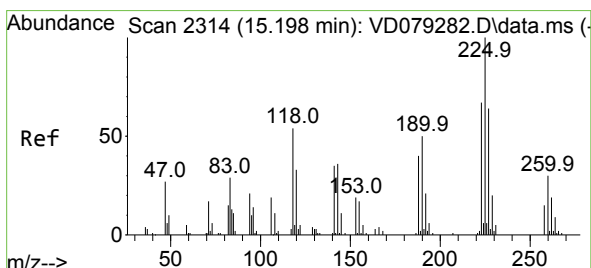
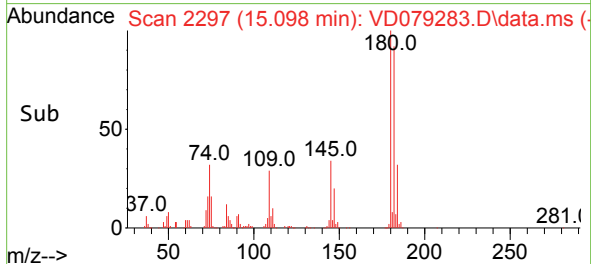
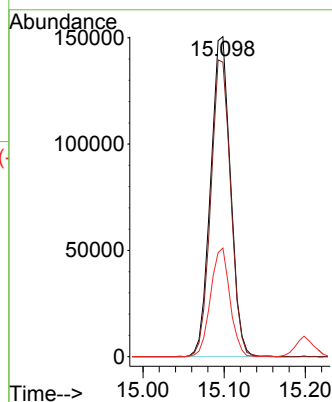
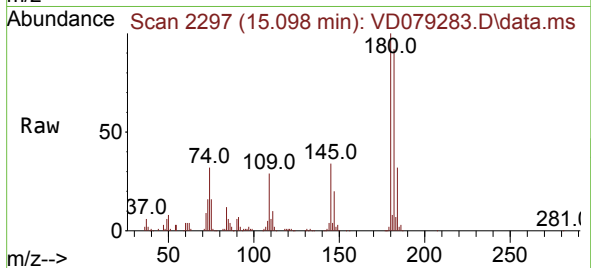
Tgt Ion:180 Resp: 256031

Ion Ratio Lower Upper

180 100

182 92.7 46.9 140.7

145 33.2 14.0 41.9



#94

Hexachlorobutadiene

Concen: 101.278 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD079283.D

Acq: 28 Jun 2024 15:21

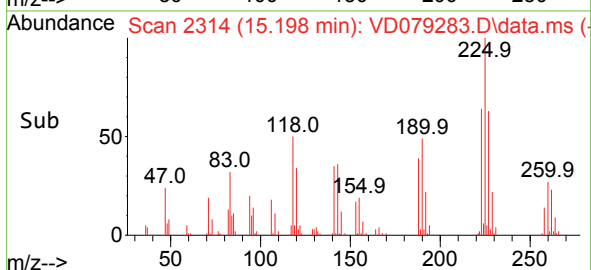
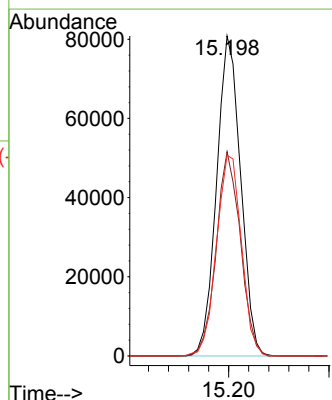
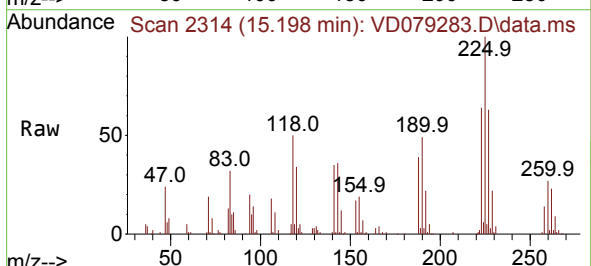
Tgt Ion:225 Resp: 134485

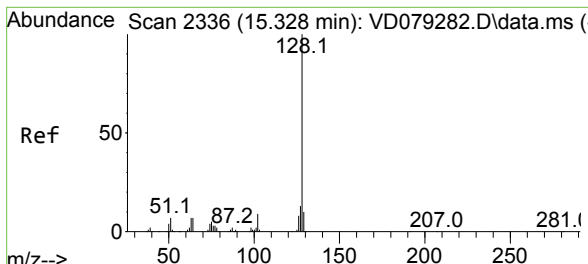
Ion Ratio Lower Upper

225 100

223 64.0 33.3 99.9

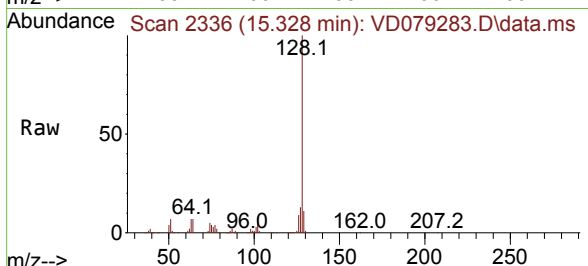
227 65.1 33.6 100.6





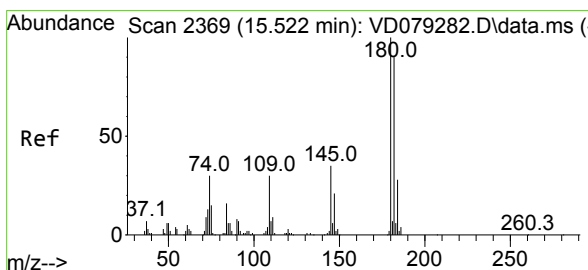
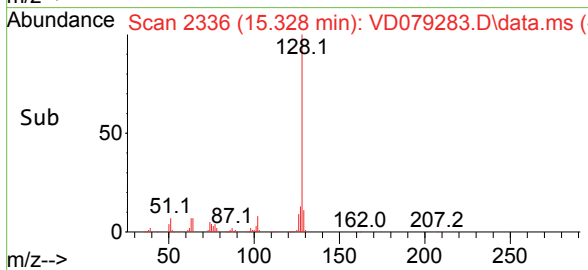
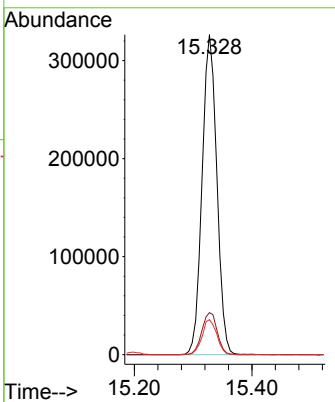
#95  
 Naphthalene  
 Concen: 121.516 ug/l  
 RT: 15.328 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VD079283.D  
 Acq: 28 Jun 2024 15:21

Instrument :  
 MSVOA\_D  
 ClientSampleId :



Tgt Ion:128 Resp: 566399

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.1  | 10.2  | 15.4  |
| 129 | 11.0  | 8.5   | 12.7  |



#96  
 1,2,3-Trichlorobenzene  
 Concen: 107.741 ug/l  
 RT: 15.516 min Scan# 2368  
 Delta R.T. 0.000 min  
 Lab File: VD079283.D  
 Acq: 28 Jun 2024 15:21

Tgt Ion:180 Resp: 227497

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.5  | 47.8  | 143.3 |
| 145 | 34.9  | 16.1  | 48.2  |

