

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051822\  
 Data File : VY008855.D  
 Acq On : 19 May 2022 08:01  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: May 19 09:16:31 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y051722S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 18 07:32:50 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 138523   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 244280   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 251743   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 148811   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.137  | 65    | 74790    | 58.198   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 116.400% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 69777    | 48.888   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 97.780%  |
| 50) Toluene-d8              | 10.179 | 98    | 293908   | 46.560   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 93.120%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 108661   | 48.135   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 96.260%  |

|                              |       |     |        |         |        |    |
|------------------------------|-------|-----|--------|---------|--------|----|
| Target Compounds             |       |     |        |         | Qvalue |    |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 40350  | 46.381  | ug/l   | 98 |
| 3) Chloromethane             | 2.113 | 50  | 66469  | 53.884  | ug/l   | 96 |
| 4) Vinyl Chloride            | 2.253 | 62  | 91467  | 48.446  | ug/l   | 97 |
| 5) Bromomethane              | 2.650 | 94  | 86232  | 53.466  | ug/l   | 99 |
| 6) Chloroethane              | 2.790 | 64  | 68267  | 47.265  | ug/l   | 99 |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 85637  | 45.647  | ug/l   | 90 |
| 8) Diethyl Ether             | 3.528 | 74  | 31850  | 51.893  | ug/l   | 80 |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 56019  | 48.995  | ug/l   | 94 |
| 10) Methyl Iodide            | 4.088 | 142 | 62055  | 43.240  | ug/l   | 92 |
| 11) Tert butyl alcohol       | 4.954 | 59  | 27938  | 196.707 | ug/l # | 92 |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 51499  | 43.814  | ug/l   | 79 |
| 13) Acrolein                 | 3.723 | 56  | 7591   | 108.040 | ug/l   | 97 |
| 14) Allyl chloride           | 4.479 | 41  | 82715  | 47.841  | ug/l # | 88 |
| 15) Acrylonitrile            | 5.161 | 53  | 91003  | 218.651 | ug/l   | 98 |
| 16) Acetone                  | 3.948 | 43  | 62907  | 215.750 | ug/l   | 95 |
| 17) Carbon Disulfide         | 4.198 | 76  | 142171 | 46.878  | ug/l   | 99 |
| 18) Methyl Acetate           | 4.473 | 43  | 45402  | 49.715  | ug/l # | 90 |
| 19) Methyl tert-butyl Ether  | 5.222 | 73  | 177319 | 56.013  | ug/l   | 95 |
| 20) Methylene Chloride       | 4.716 | 84  | 75069  | 57.685  | ug/l   | 87 |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 67837  | 47.069  | ug/l   | 86 |
| 22) Diisopropyl ether        | 6.119 | 45  | 217659 | 59.445  | ug/l # | 96 |
| 23) Vinyl Acetate            | 6.064 | 43  | 697464 | 270.162 | ug/l # | 92 |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 128158 | 52.749  | ug/l   | 99 |
| 25) 2-Butanone               | 6.984 | 43  | 118638 | 219.985 | ug/l # | 86 |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 95711  | 41.448  | ug/l   | 93 |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 83826  | 52.440  | ug/l   | 86 |
| 28) Bromochloromethane       | 7.332 | 49  | 51746  | 56.178  | ug/l # | 87 |
| 29) Tetrahydrofuran          | 7.350 | 42  | 80020  | 222.737 | ug/l # | 86 |
| 30) Chloroform               | 7.509 | 83  | 141000 | 54.129  | ug/l   | 97 |
| 31) Cyclohexane              | 7.789 | 56  | 99986  | 49.207  | ug/l   | 91 |
| 32) 1,1,1-Trichloroethane    | 7.704 | 97  | 119800 | 49.604  | ug/l   | 98 |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 98199  | 42.957  | ug/l   | 98 |
| 37) Ethyl Acetate            | 7.070 | 43  | 55256  | 40.563  | ug/l   | 97 |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 105247 | 42.960  | ug/l   | 98 |
| 39) Methylcyclohexane        | 9.185 | 83  | 119496 | 44.079  | ug/l   | 89 |
| 40) Benzene                  | 8.161 | 78  | 308514 | 48.233  | ug/l   | 96 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051822\  
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 Acq On : 19 May 2022 08:01  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: May 19 09:16:31 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y051722S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 18 07:32:50 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 76049    | 106.155 | ug/l # | 22       |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 93051    | 49.559  | ug/l   | 92       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 107413   | 47.366  | ug/l # | 90       |
| 44) Trichloroethene           | 8.941  | 130  | 79568    | 45.730  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 78851    | 51.871  | ug/l   | 97       |
| 46) Dibromomethane            | 9.307  | 93   | 48584    | 48.638  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.496  | 83   | 115490   | 52.153  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.289  | 41   | 48036    | 48.241  | ug/l # | 83       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 12676    | 844.854 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 306621   | 229.035 | ug/l   | 91       |
| 52) Toluene                   | 10.246 | 92   | 221564   | 50.976  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 117792   | 51.211  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 124231   | 50.086  | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 71448    | 52.599  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 91066    | 55.258  | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 115385   | 51.661  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 227449   | 270.650 | ug/l   | 96       |
| 59) 2-Hexanone                | 10.831 | 43   | 213207   | 222.892 | ug/l   | 90       |
| 60) Dibromochloromethane      | 10.984 | 129  | 87087    | 53.406  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 69617    | 51.393  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.721 | 164  | 69829    | 43.333  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.514 | 112  | 243074   | 47.709  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 94405    | 50.718  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 436641   | 47.989  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 358350   | 98.860  | ug/l   | 92       |
| 69) o-Xylene                  | 12.032 | 106  | 171503   | 51.206  | ug/l   | 90       |
| 70) Styrene                   | 12.044 | 104  | 302202   | 53.301  | ug/l   | 94       |
| 71) Bromoform                 | 12.209 | 173  | 61982    | 49.052  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 459369   | 45.010  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 109716   | 45.038  | ug/l # | 85       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 98050    | 43.214  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 118677   | 69.039  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 108236   | 45.769  | ug/l   | 93       |
| 78) n-propylbenzene           | 12.672 | 91   | 559505   | 44.624  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 317652   | 46.775  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 399577   | 48.490  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 29426    | 37.443  | ug/l # | 85       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 340683   | 47.486  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 354486   | 47.834  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 404762   | 49.617  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 549200   | 47.500  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 453043   | 48.055  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 237558   | 47.809  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 236902   | 48.200  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.697 | 91   | 397197   | 44.386  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 86802    | 48.698  | ug/l   | 84       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 213338   | 49.096  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 15001    | 38.667  | ug/l   | 82       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 108706   | 45.812  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 59325    | 43.448  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 236646   | 44.611  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 98440    | 47.225  | ug/l   | 99       |

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Data File : VY008855.D  
Acq On : 19 May 2022 08:01  
Operator : KP/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 53 Sample Multiplier: 1

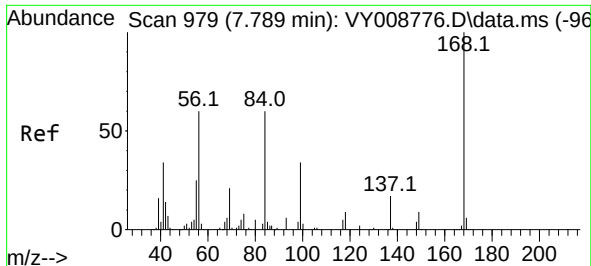
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Quant Time: May 19 09:16:31 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y051722S.M  
Quant Title : SW846 8260  
QLast Update : Wed May 18 07:32:50 2022  
Response via : Initial Calibration

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

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

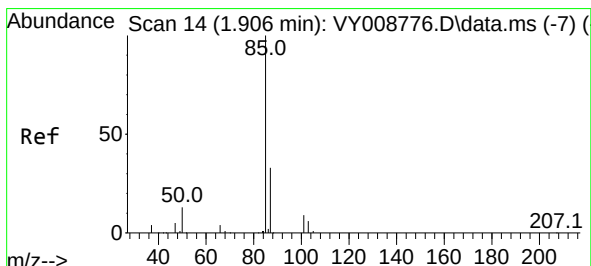
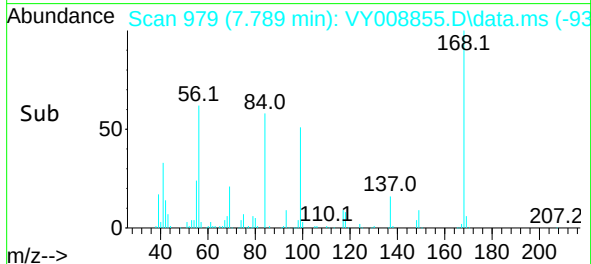
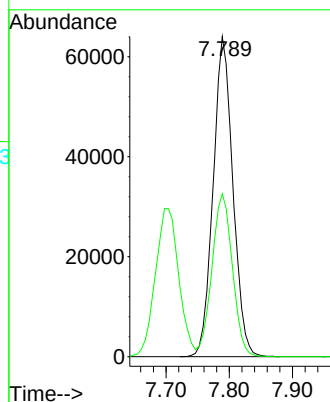
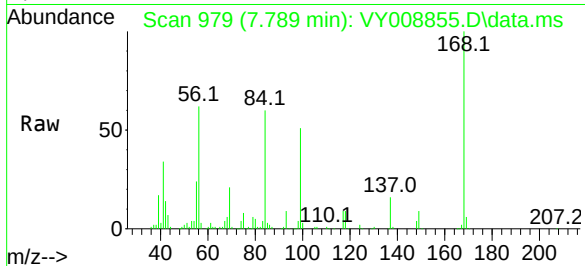




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

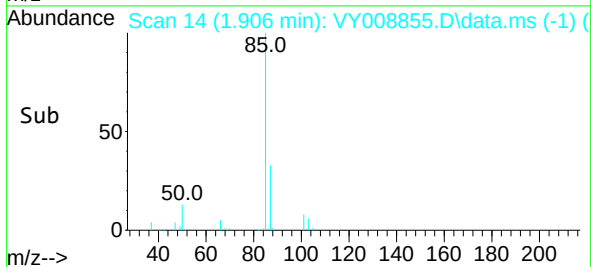
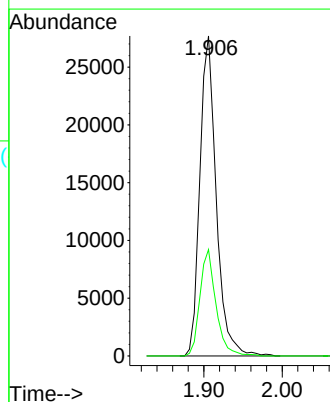
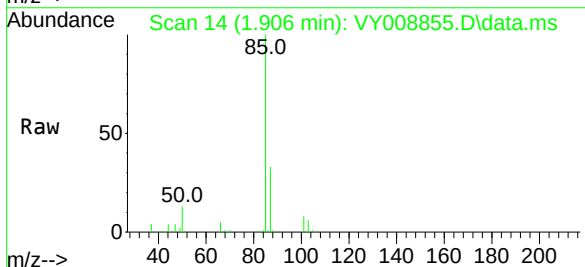
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

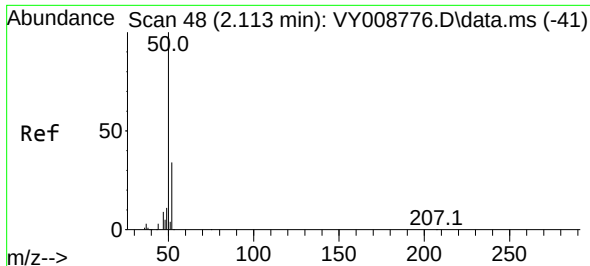
Tgt Ion:168 Resp: 138523  
Ion Ratio Lower Upper  
168 100  
99 50.9 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 46.381 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 85 Resp: 40350  
Ion Ratio Lower Upper  
85 100  
87 33.2 16.1 48.2

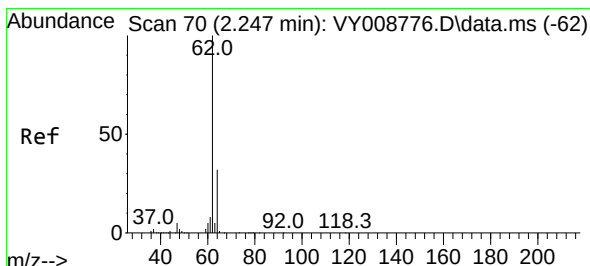
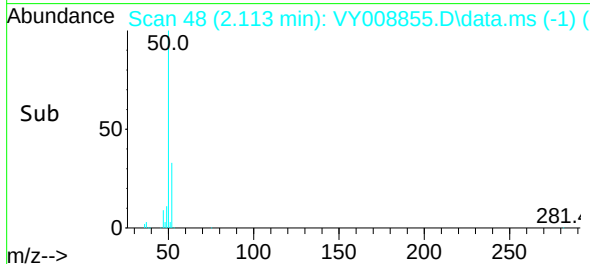
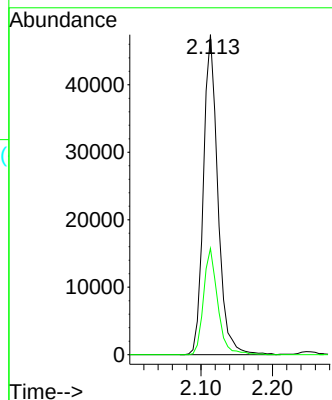
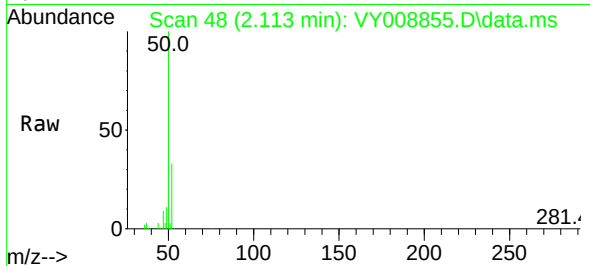




#3  
Chloromethane  
Concen: 53.884 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

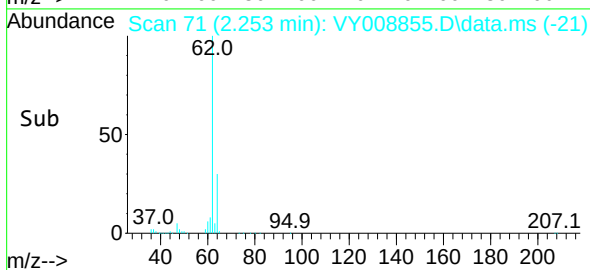
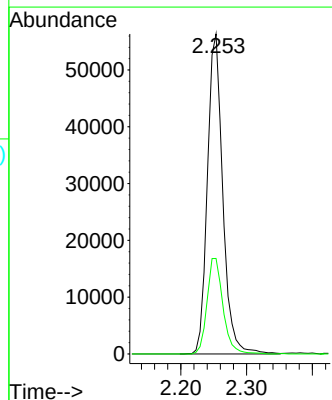
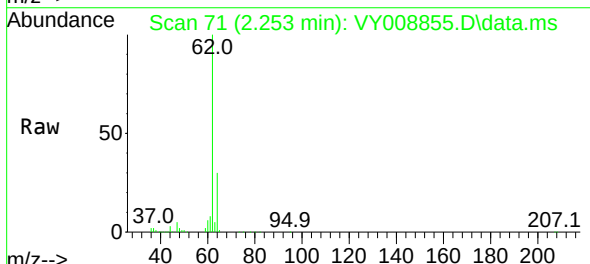
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

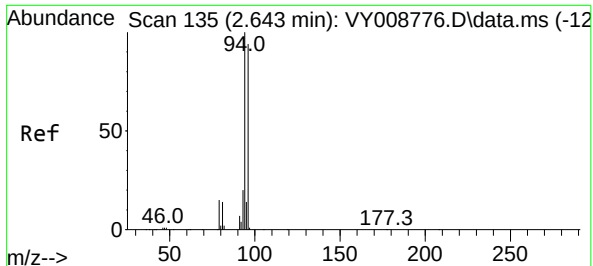
Tgt Ion: 50 Resp: 66469  
Ion Ratio Lower Upper  
50 100  
52 33.2 24.6 37.0



#4  
Vinyl Chloride  
Concen: 48.446 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 62 Resp: 91467  
Ion Ratio Lower Upper  
62 100  
64 29.8 25.0 37.6

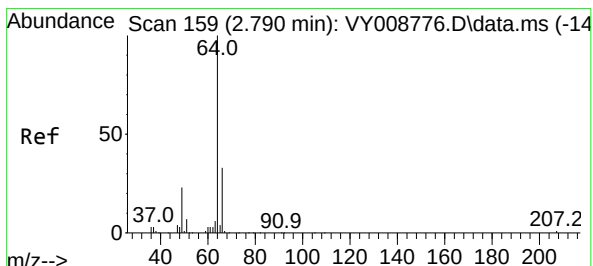
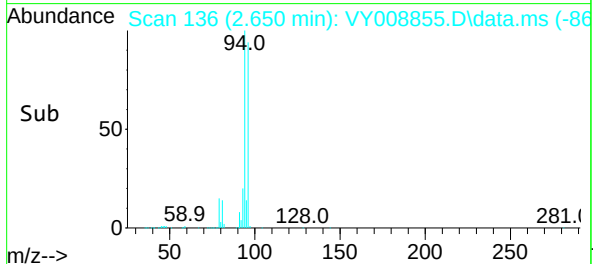
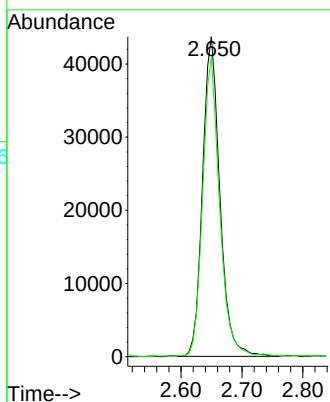
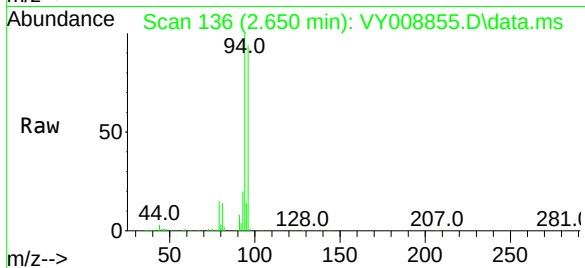




#5  
Bromomethane  
Concen: 53.466 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

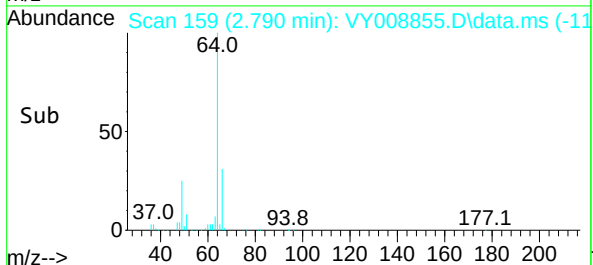
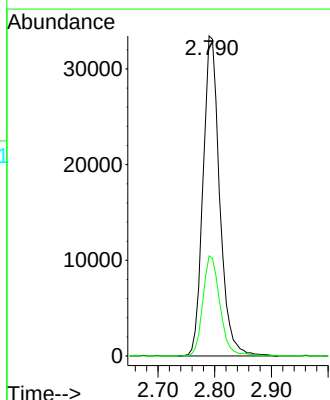
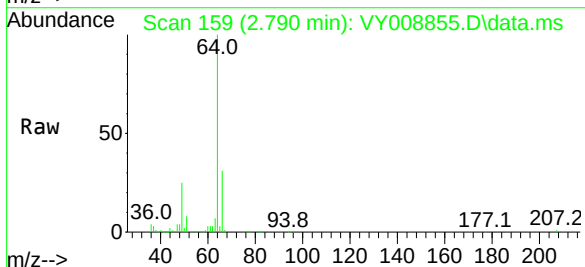
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

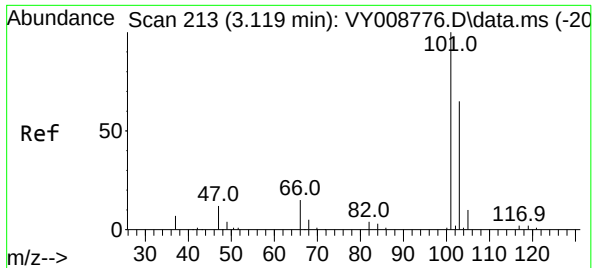
Tgt Ion: 94 Resp: 86232  
Ion Ratio Lower Upper  
94 100  
96 93.2 73.5 110.3



#6  
Chloroethane  
Concen: 47.265 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 64 Resp: 68267  
Ion Ratio Lower Upper  
64 100  
66 31.2 25.4 38.0

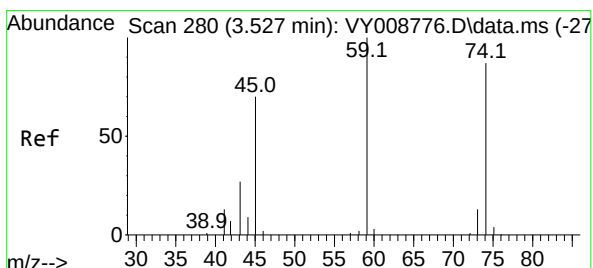
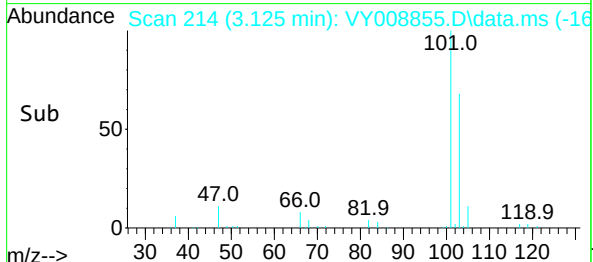
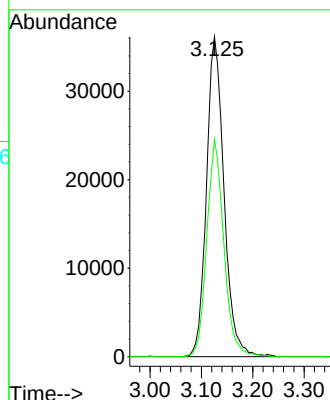
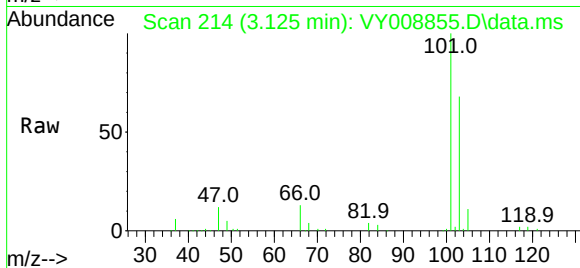




#7  
Trichlorofluoromethane  
Concen: 45.647 ug/l  
RT: 3.125 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

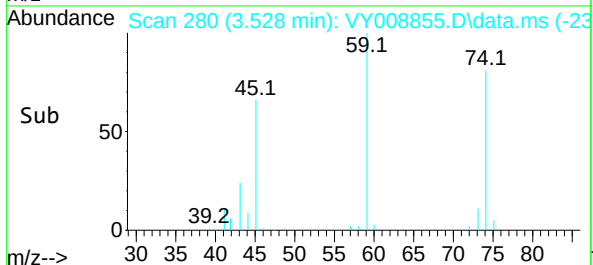
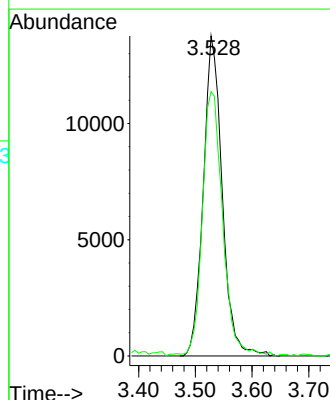
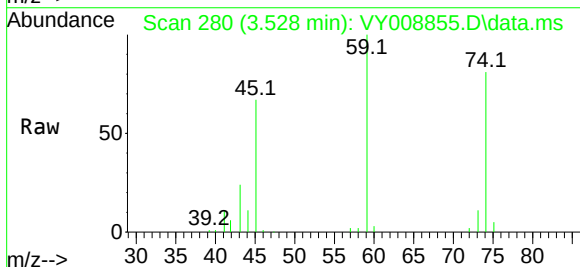
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 85637  
Ion Ratio Lower Upper  
101 100  
103 67.9 48.0 72.0

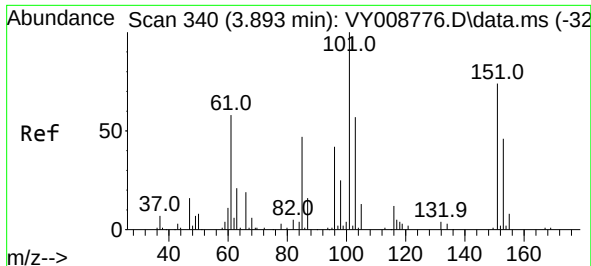


#8  
Diethyl Ether  
Concen: 51.893 ug/l  
RT: 3.528 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 74 Resp: 31850  
Ion Ratio Lower Upper  
74 100  
45 89.3 55.1 165.5



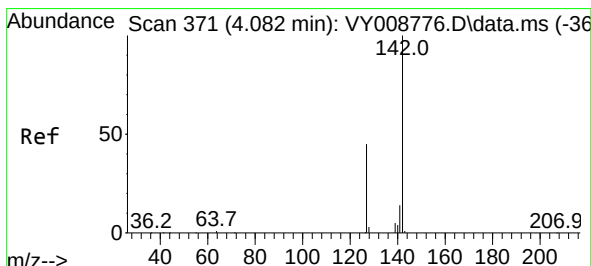
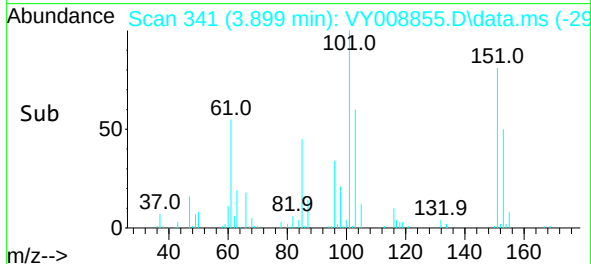
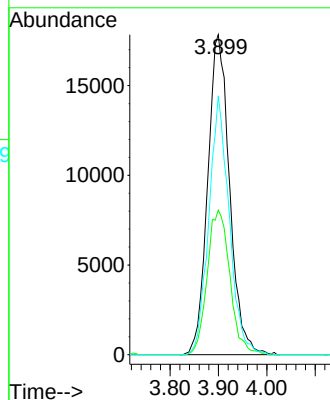
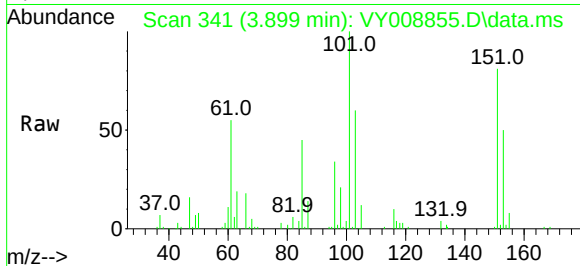




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.995 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

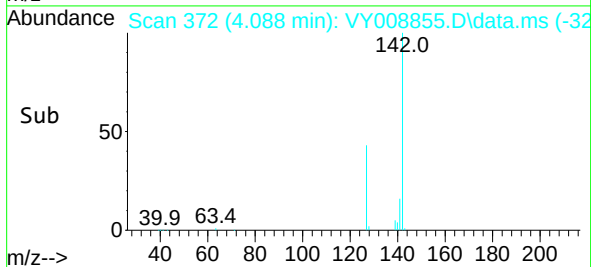
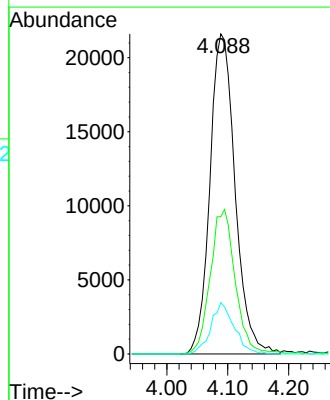
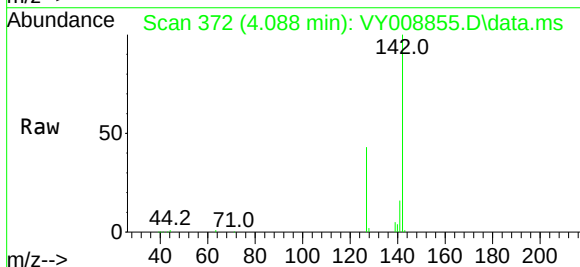
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

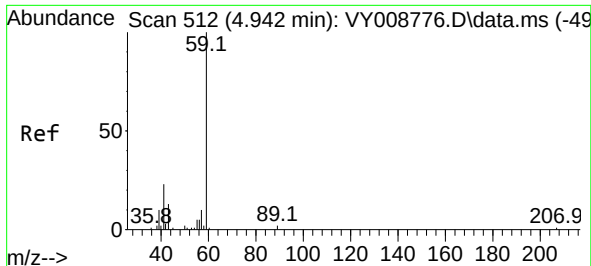
Tgt Ion:101 Resp: 56019  
Ion Ratio Lower Upper  
101 100  
85 46.9 40.6 60.8  
151 75.4 64.9 97.3



#10  
Methyl Iodide  
Concen: 43.240 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.006 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion:142 Resp: 62055  
Ion Ratio Lower Upper  
142 100  
127 44.7 41.5 62.3  
141 14.9 11.9 17.9

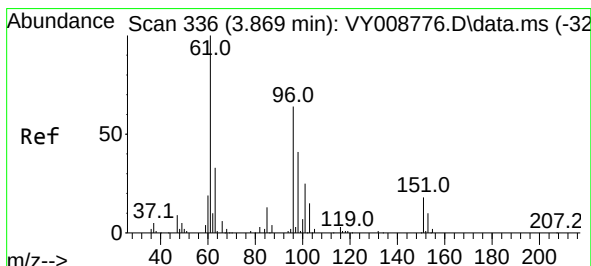
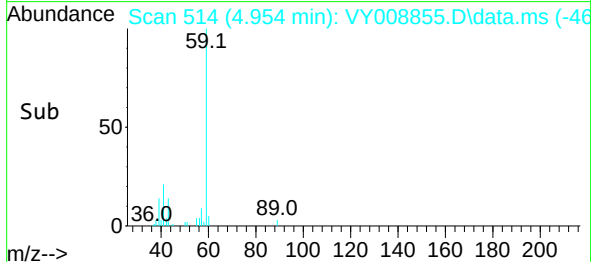
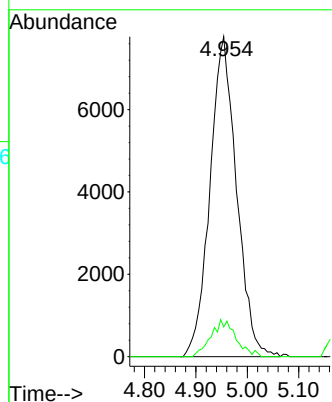
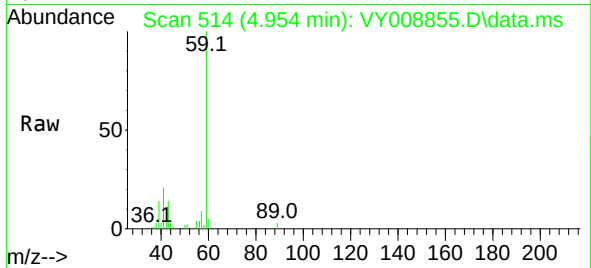




#11  
Tert butyl alcohol  
Concen: 196.707 ug/l  
RT: 4.954 min Scan# 512  
Delta R.T. 0.012 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

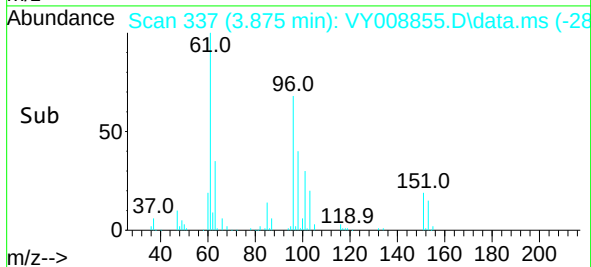
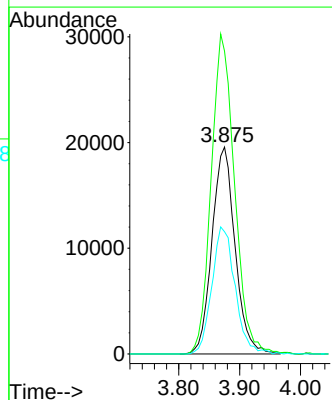
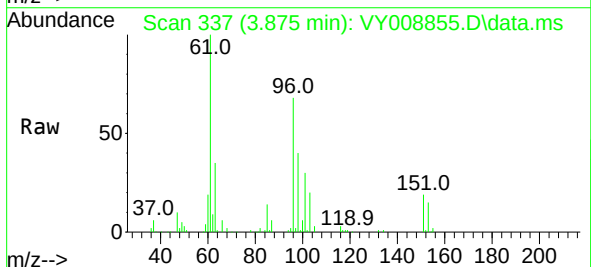
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

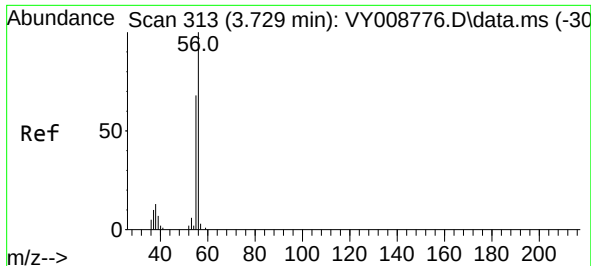
Tgt Ion: 59 Resp: 27938  
Ion Ratio Lower Upper  
59 100  
57 10.8 6.4 9.6#



#12  
1,1-Dichloroethene  
Concen: 43.814 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. 0.006 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 96 Resp: 51499  
Ion Ratio Lower Upper  
96 100  
61 146.4 145.8 218.6  
98 59.1 52.5 78.7





#13

Acrolein

Concen: 108.040 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

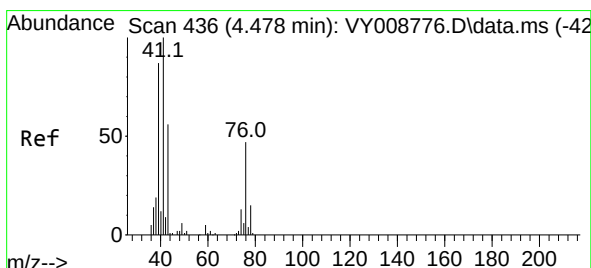
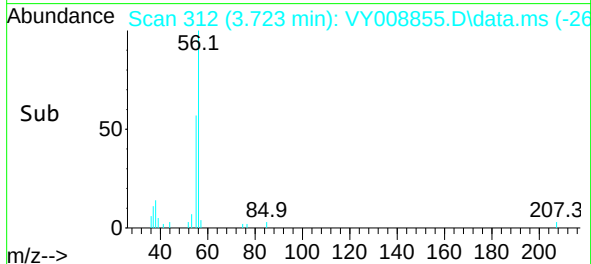
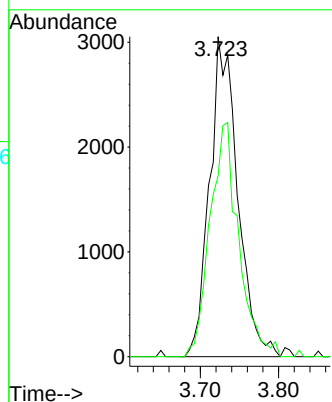
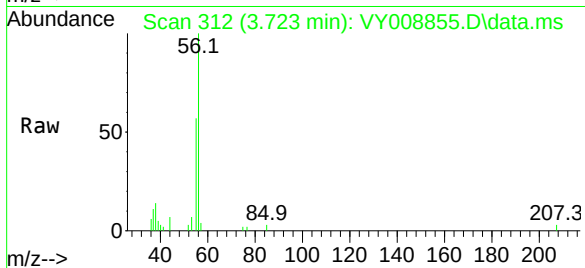
VSTDCCC050EC

Tgt Ion: 56 Resp: 7591

Ion Ratio Lower Upper

56 100

55 74.4 57.6 86.4



#14

Allyl chloride

Concen: 47.841 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

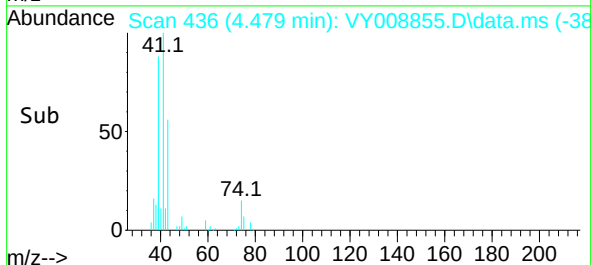
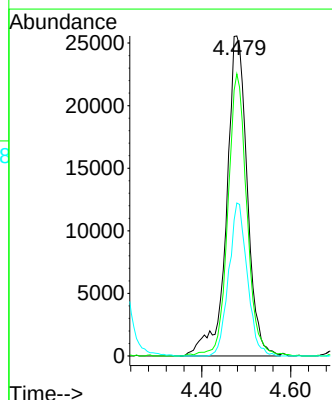
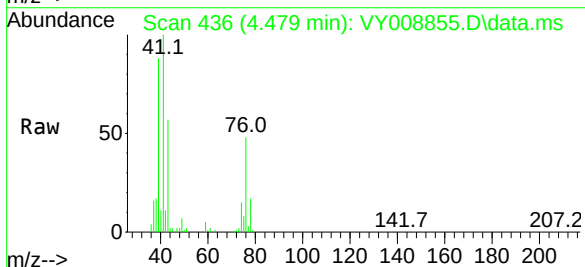
Tgt Ion: 41 Resp: 82715

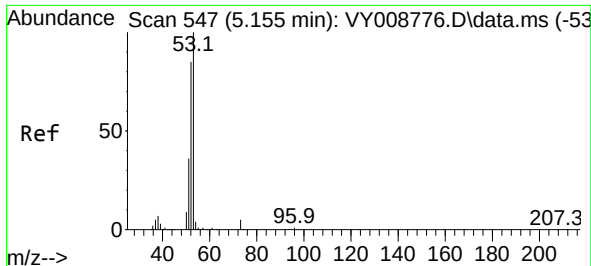
Ion Ratio Lower Upper

41 100

39 80.6 58.8 88.2

76 42.7 25.1 37.7#

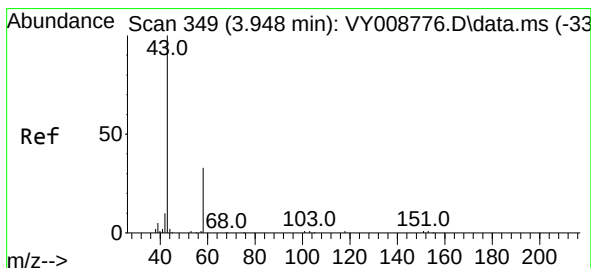
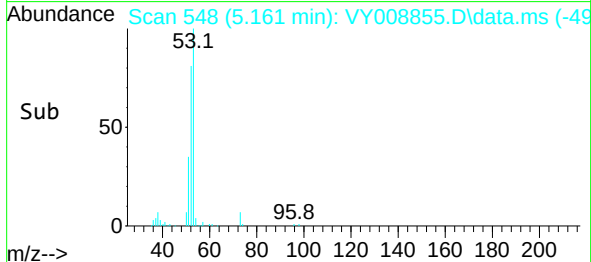
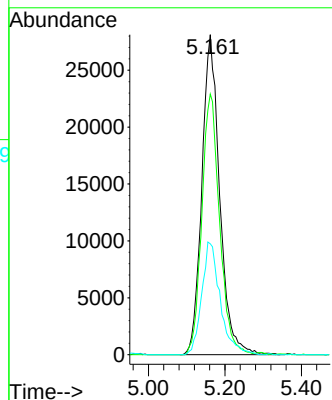
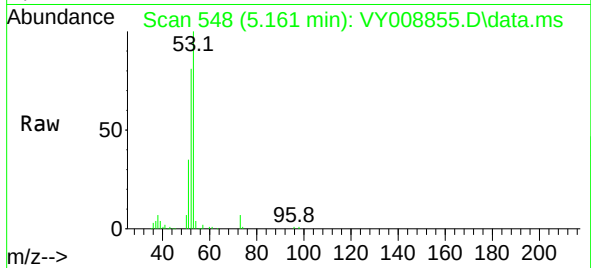




#15  
Acrylonitrile  
Concen: 218.651 ug/l  
RT: 5.161 min Scan# 547  
Delta R.T. 0.006 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

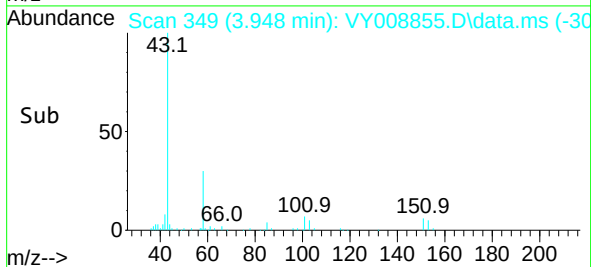
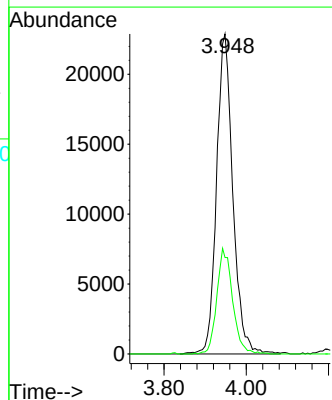
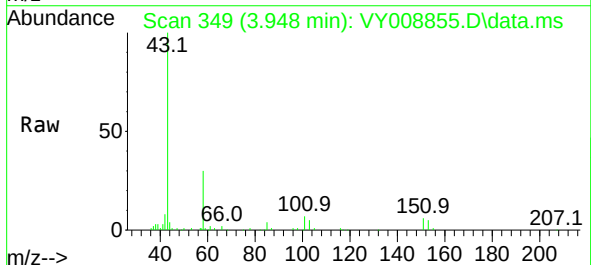
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

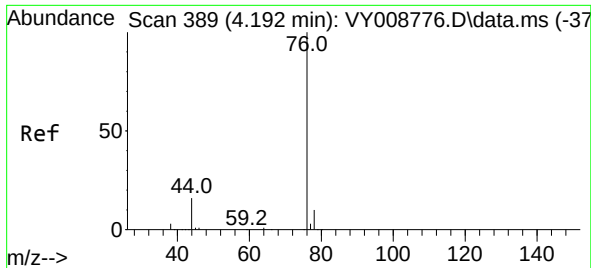
Tgt Ion: 53 Resp: 91003  
Ion Ratio Lower Upper  
53 100  
52 81.1 67.0 100.4  
51 36.5 29.8 44.6



#16  
Acetone  
Concen: 215.750 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 43 Resp: 62907  
Ion Ratio Lower Upper  
43 100  
58 30.1 22.0 33.0

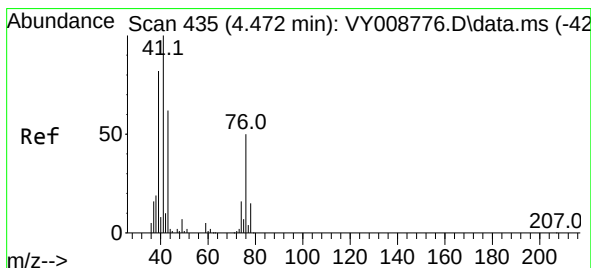
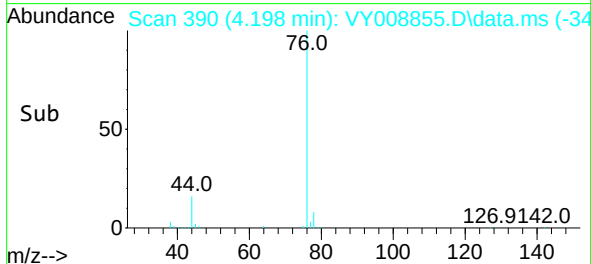
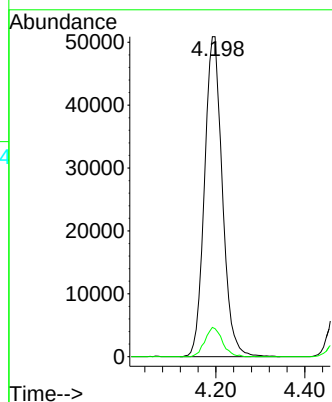
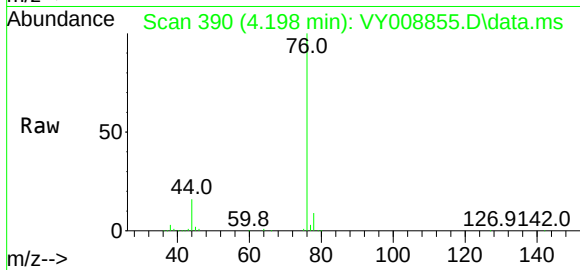




#17  
Carbon Disulfide  
Concen: 46.878 ug/l  
RT: 4.198 min Scan# 389  
Delta R.T. 0.006 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

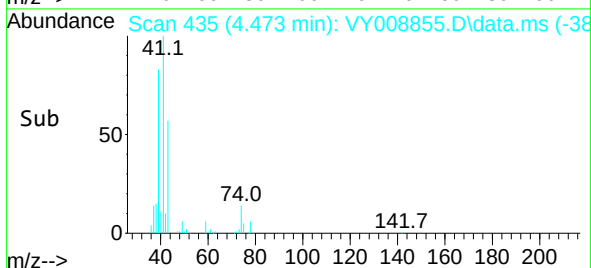
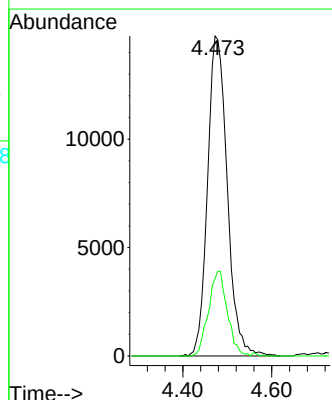
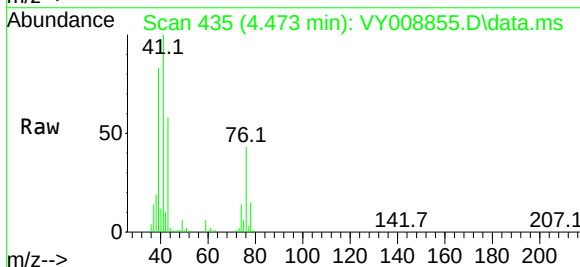
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

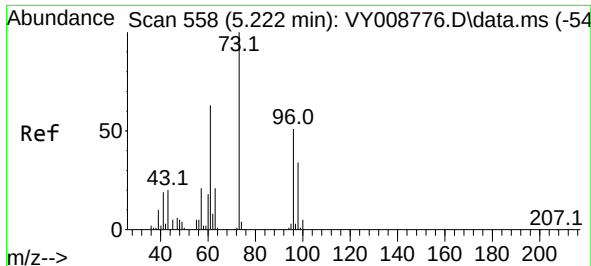
Tgt Ion: 76 Resp: 142171  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.4 11.0



#18  
Methyl Acetate  
Concen: 49.715 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. 0.001 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 43 Resp: 45402  
Ion Ratio Lower Upper  
43 100  
74 25.3 16.6 24.8#

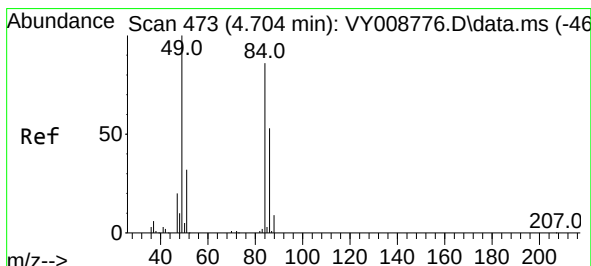
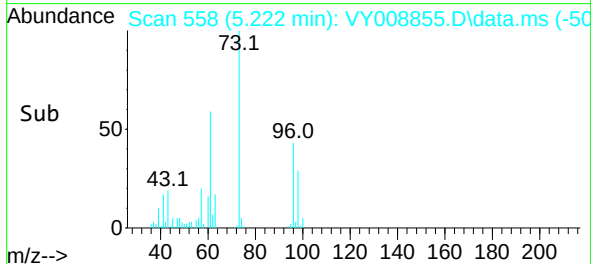
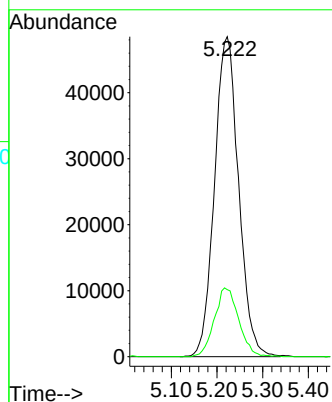
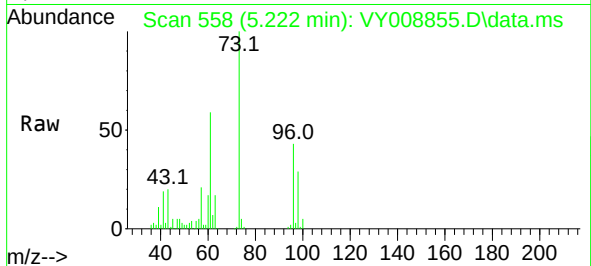




#19  
Methyl tert-butyl Ether  
Concen: 56.013 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

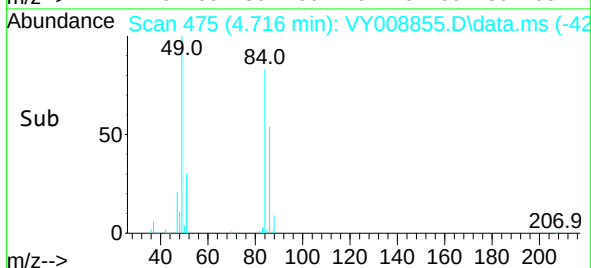
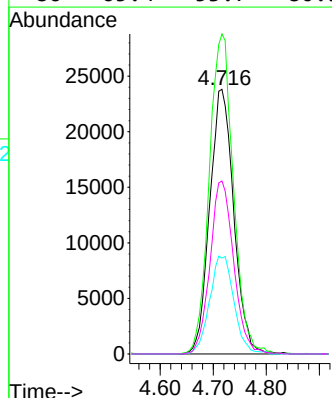
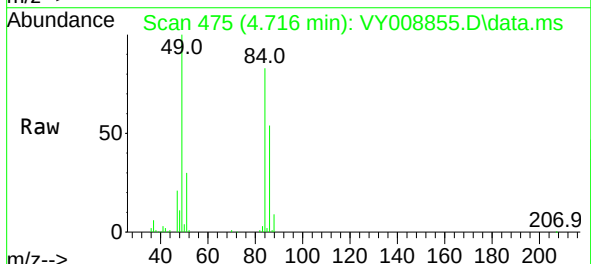
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

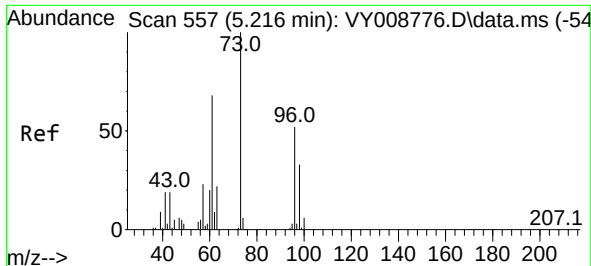
Tgt Ion: 73 Resp: 177319  
Ion Ratio Lower Upper  
73 100  
57 20.9 18.6 27.8



#20  
Methylene Chloride  
Concen: 57.685 ug/l  
RT: 4.716 min Scan# 475  
Delta R.T. 0.012 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

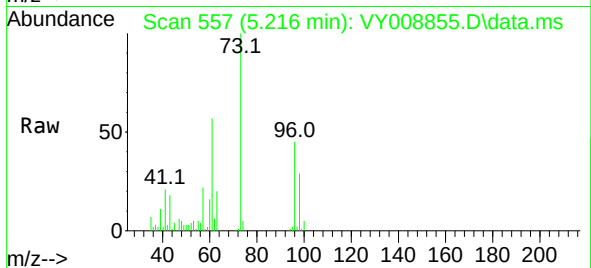
Tgt Ion: 84 Resp: 75069  
Ion Ratio Lower Upper  
84 100  
49 120.9 114.4 171.6  
51 36.2 35.3 52.9  
86 65.4 53.7 80.5



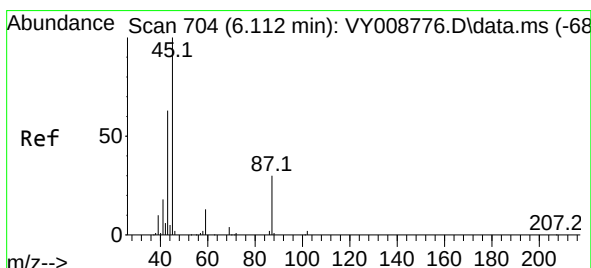
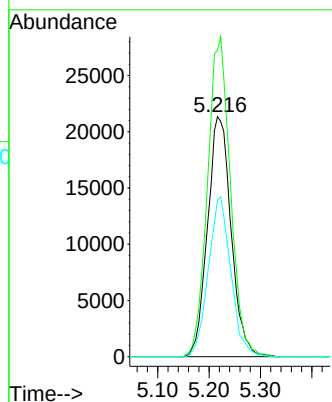
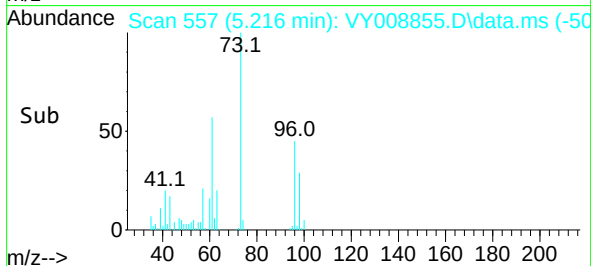


#21  
trans-1,2-Dichloroethene  
Concen: 47.069 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

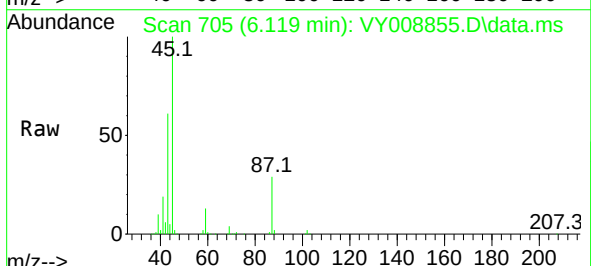
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



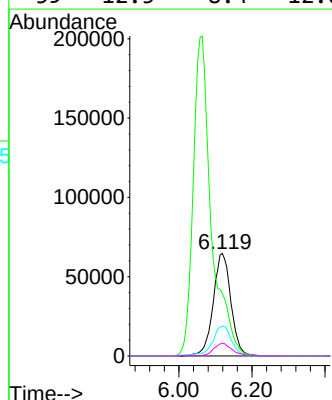
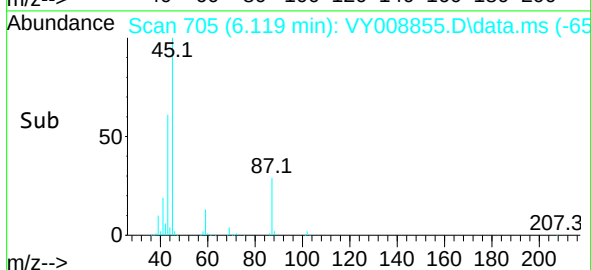
Tgt Ion: 96 Resp: 67837  
Ion Ratio Lower Upper  
96 100  
61 127.8 120.5 180.7  
98 65.2 49.8 74.8

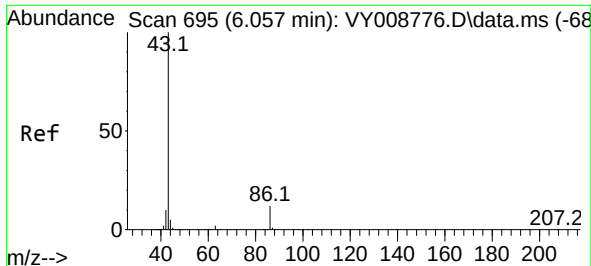


#22  
Diisopropyl ether  
Concen: 59.445 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01



Tgt Ion: 45 Resp: 217659  
Ion Ratio Lower Upper  
45 100  
43 61.0 49.3 73.9  
87 29.0 19.2 28.8#  
59 12.5 8.4 12.6

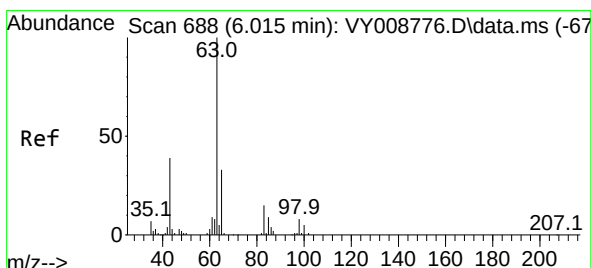
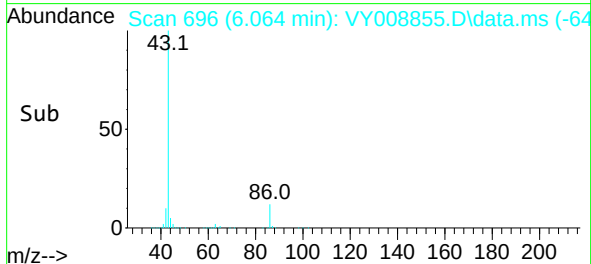
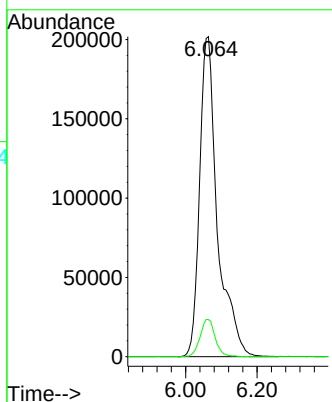
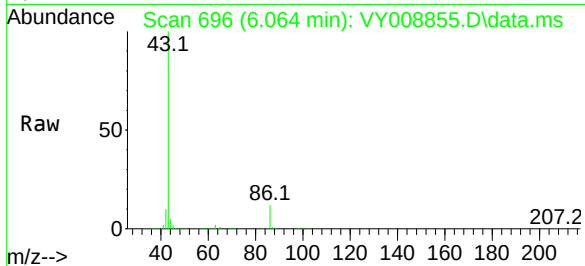




#23  
 Vinyl Acetate  
 Concen: 270.162 ug/l  
 RT: 6.064 min Scan# 695  
 Delta R.T. 0.006 min  
 Lab File: VY008855.D  
 Acq: 19 May 2022 08:01

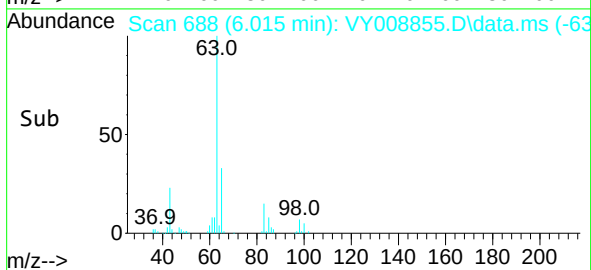
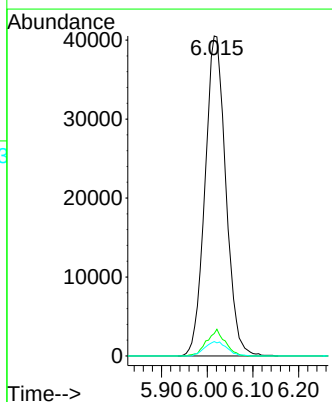
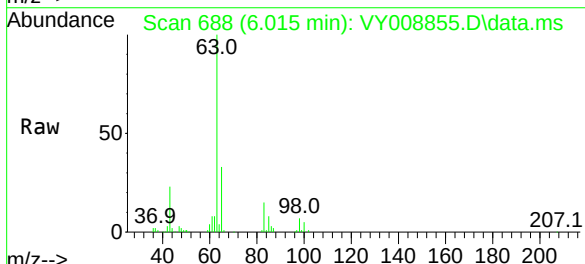
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 697464  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 7.1 10.7#

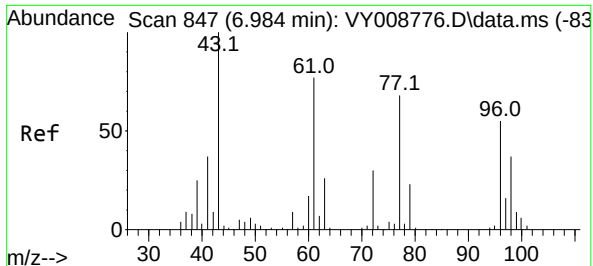


#24  
 1,1-Dichloroethane  
 Concen: 52.749 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. 0.000 min  
 Lab File: VY008855.D  
 Acq: 19 May 2022 08:01

Tgt Ion: 63 Resp: 128158  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.6 10.8  
 100 4.5 2.0 5.8







#25

2-Butanone

Concen: 219.985 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

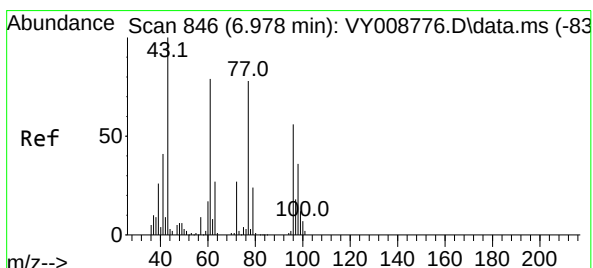
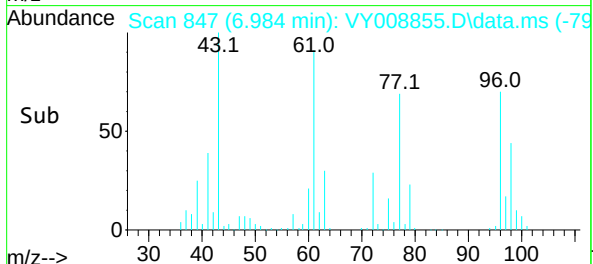
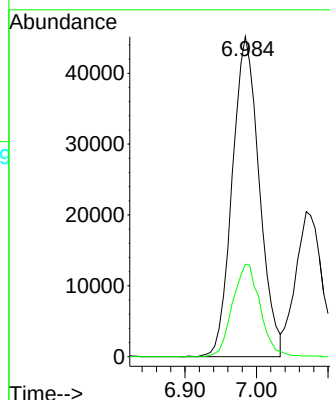
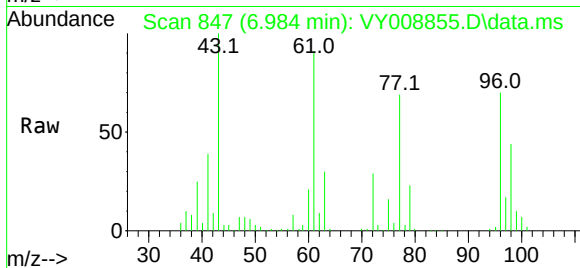
VSTDCCC050EC

Tgt Ion: 43 Resp: 118638

Ion Ratio Lower Upper

43 100

72 28.9 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 41.448 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY008855.D

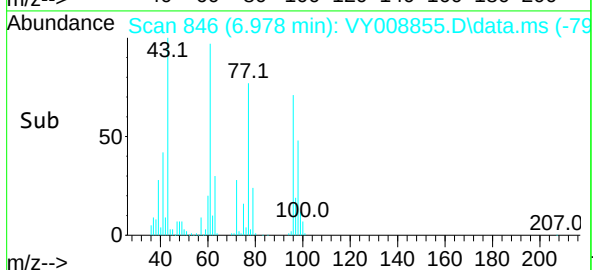
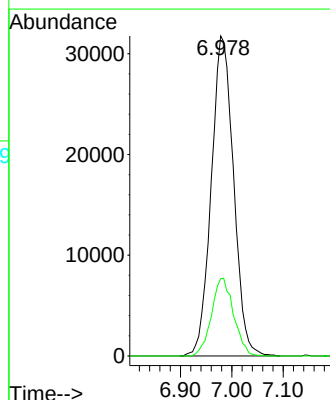
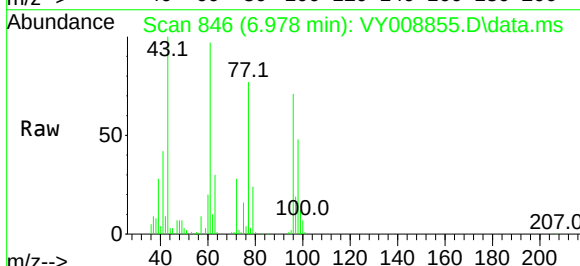
Acq: 19 May 2022 08:01

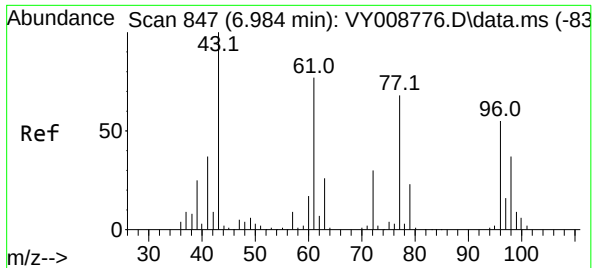
Tgt Ion: 77 Resp: 95711

Ion Ratio Lower Upper

77 100

97 24.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 52.440 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

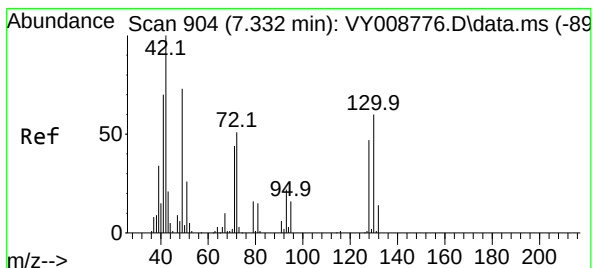
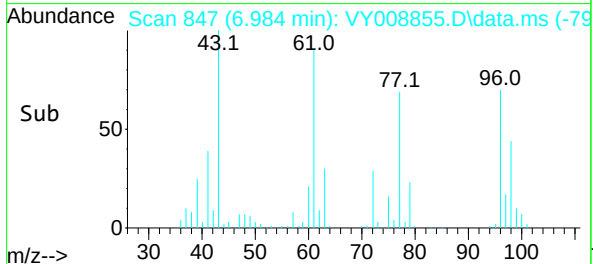
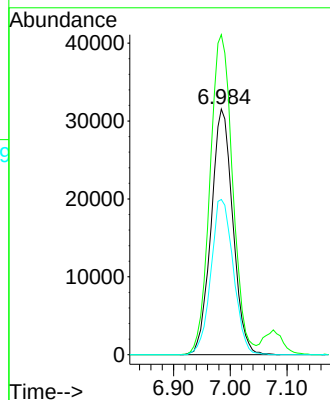
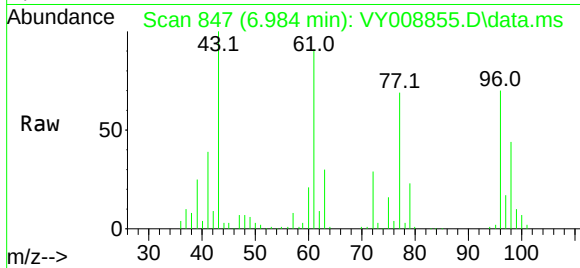
Tgt Ion: 96 Resp: 83826

Ion Ratio Lower Upper

96 100

61 135.8 0.0 319.8

98 65.3 0.0 127.0



#28

Bromochloromethane

Concen: 56.178 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

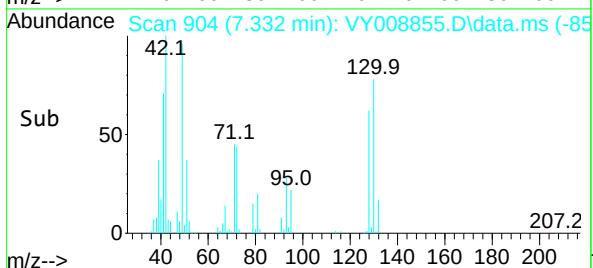
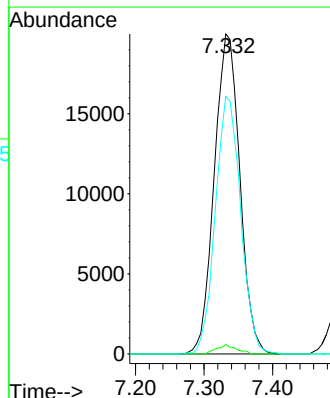
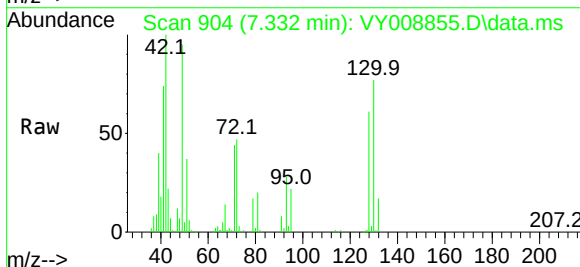
Tgt Ion: 49 Resp: 51746

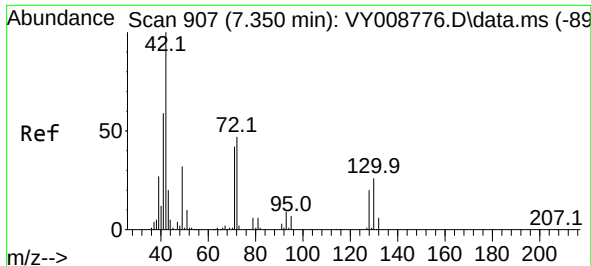
Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.2#

130 79.8 55.4 83.0





#29

Tetrahydrofuran

Concen: 222.737 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

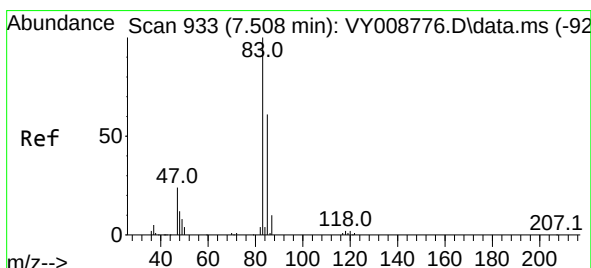
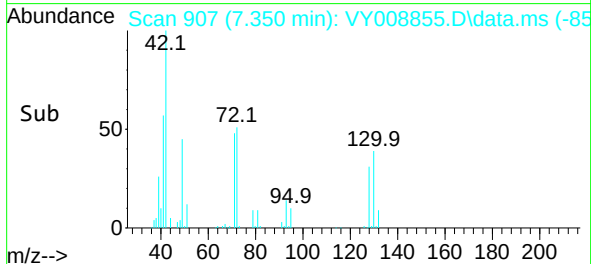
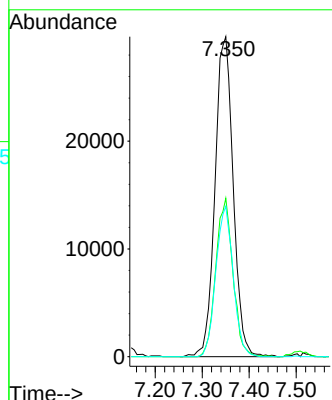
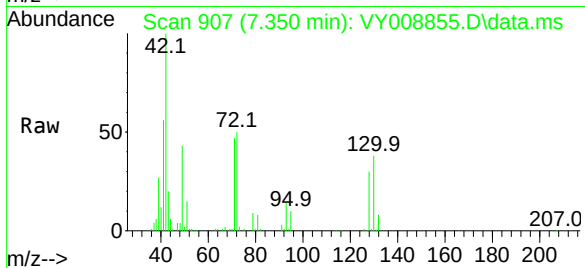
Tgt Ion: 42 Resp: 80020

Ion Ratio Lower Upper

42 100

72 46.7 30.3 45.5#

71 44.7 29.0 43.4#



#30

Chloroform

Concen: 54.129 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY008855.D

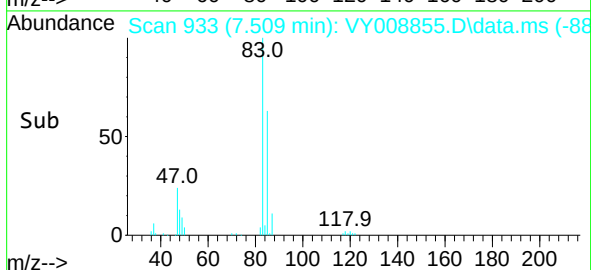
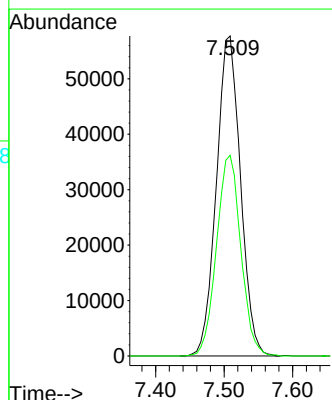
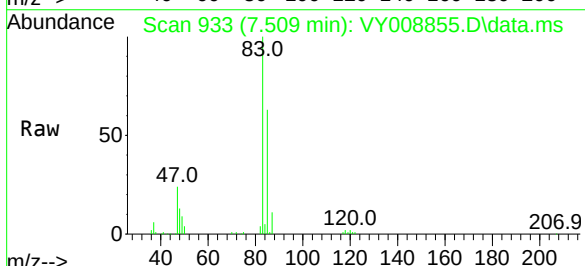
Acq: 19 May 2022 08:01

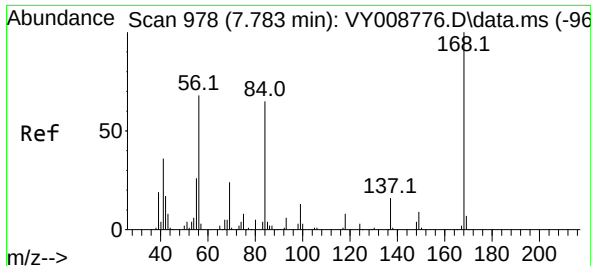
Tgt Ion: 83 Resp: 141000

Ion Ratio Lower Upper

83 100

85 62.7 51.8 77.6

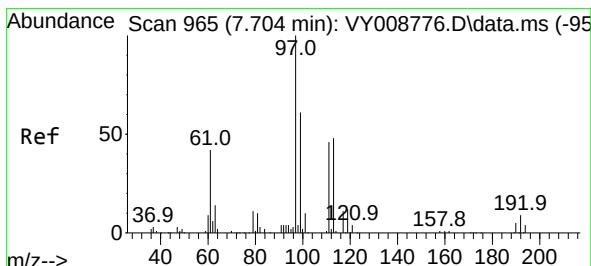
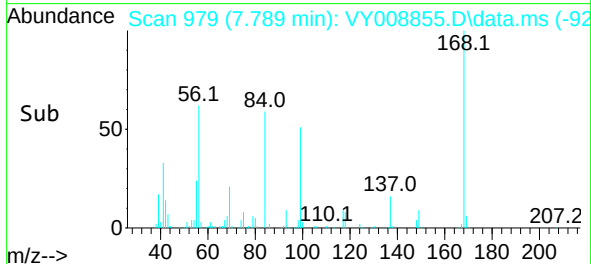
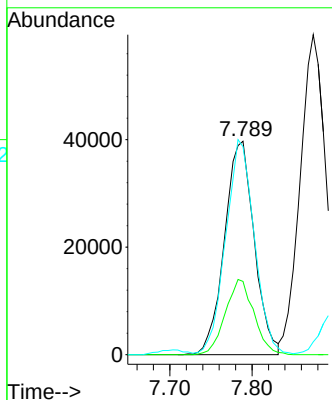
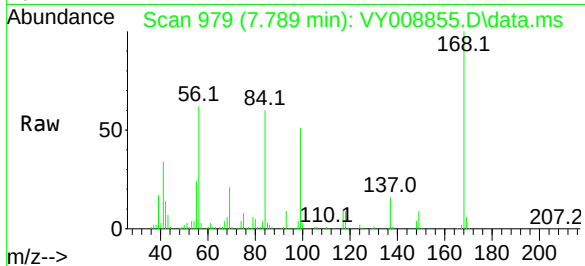




#31  
Cyclohexane  
Concen: 49.207 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

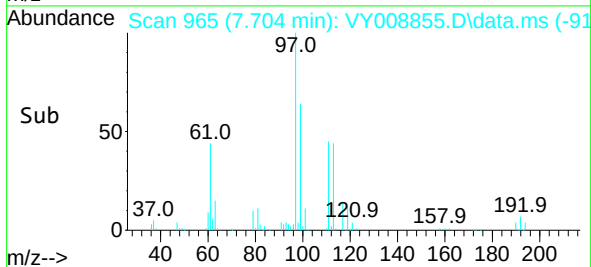
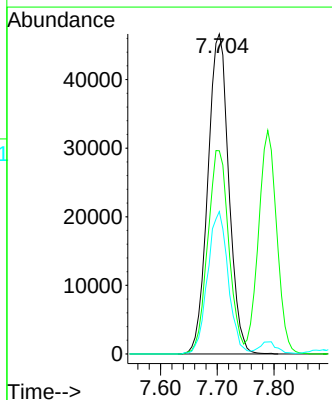
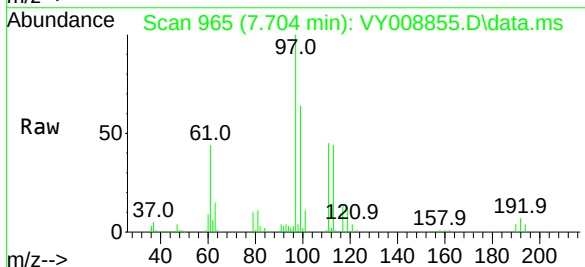
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

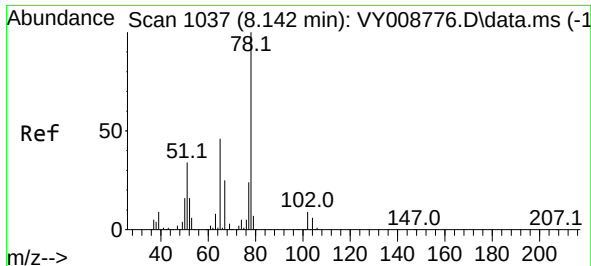
Tgt Ion: 56 Resp: 99986  
Ion Ratio Lower Upper  
56 100  
69 34.3 26.7 40.1  
84 95.3 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 49.604 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 97 Resp: 119800  
Ion Ratio Lower Upper  
97 100  
99 63.8 50.7 76.1  
61 43.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 58.198 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

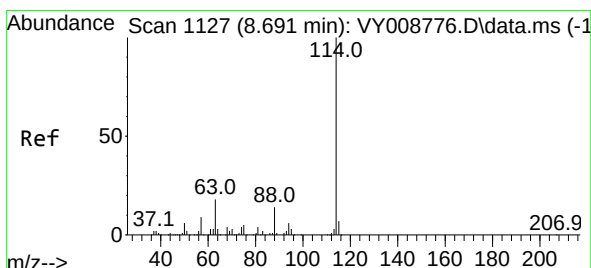
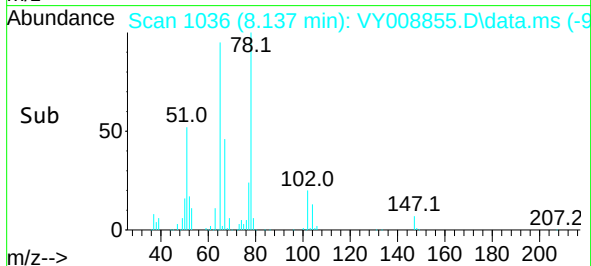
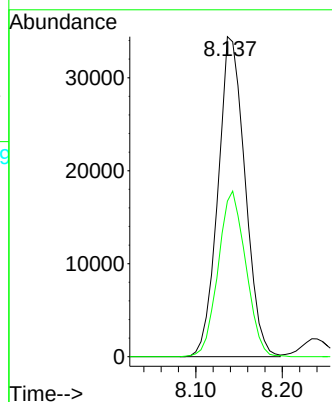
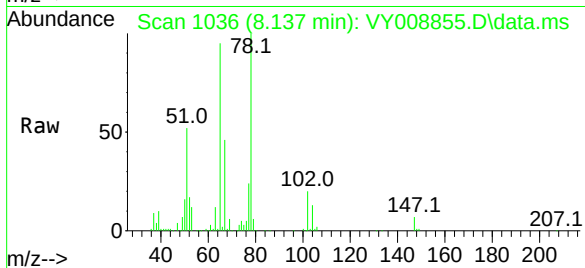
VSTDCCC050EC

Tgt Ion: 65 Resp: 74790

Ion Ratio Lower Upper

65 100

67 52.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

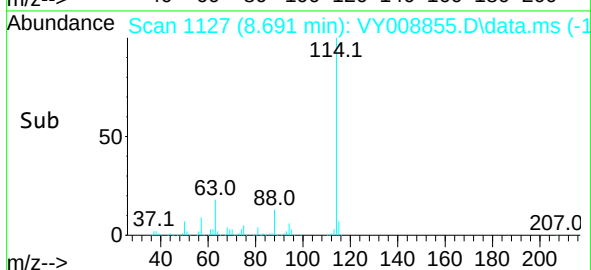
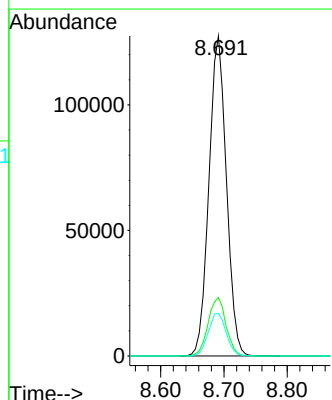
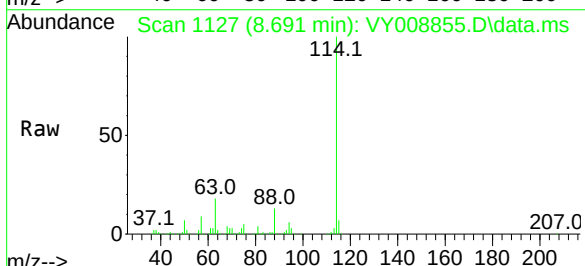
Tgt Ion: 114 Resp: 244280

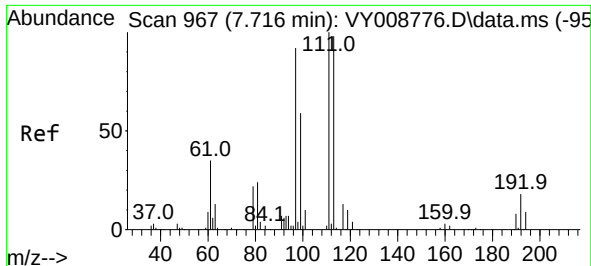
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 13.3 0.0 31.8

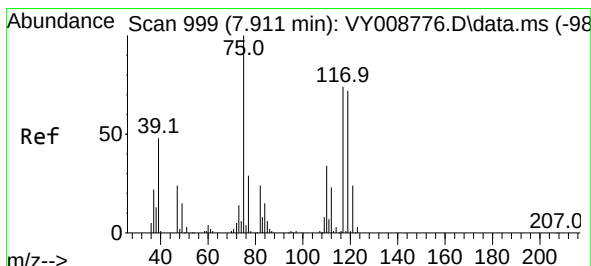
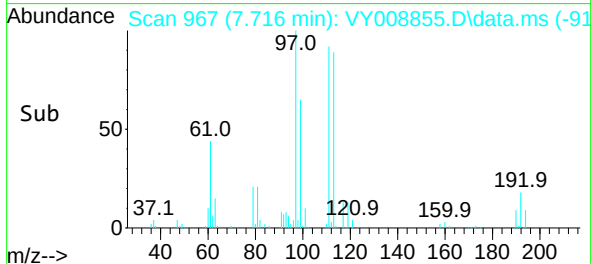
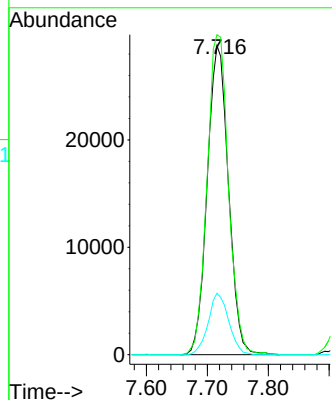
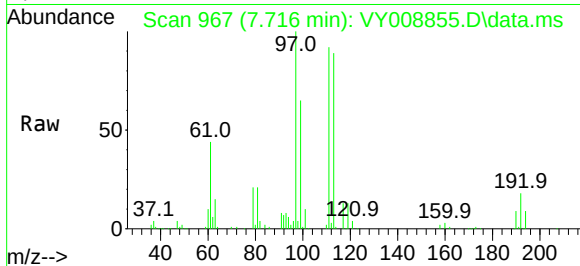




#35  
Dibromofluoromethane  
Concen: 48.888 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

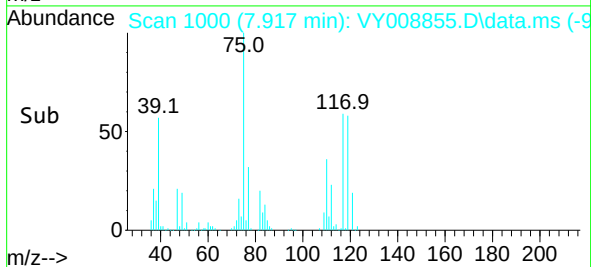
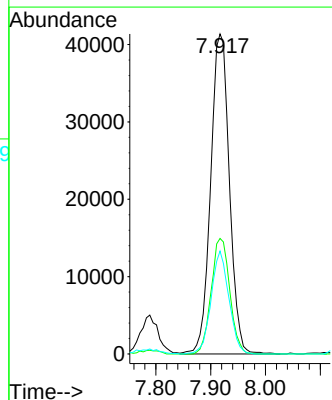
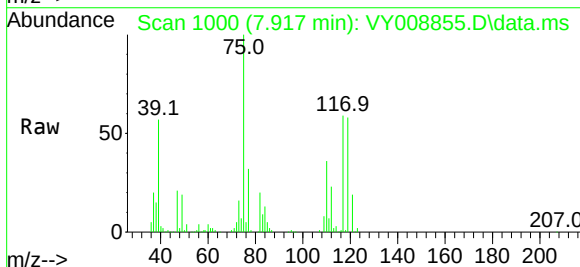
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

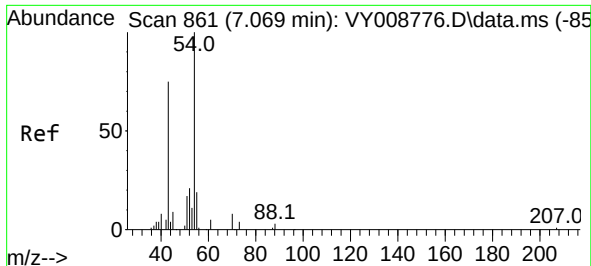
Tgt Ion:113 Resp: 69777  
Ion Ratio Lower Upper  
113 100  
111 104.7 82.6 124.0  
192 19.2 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 42.957 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 75 Resp: 98199  
Ion Ratio Lower Upper  
75 100  
110 35.7 17.1 51.2  
77 30.6 24.4 36.6

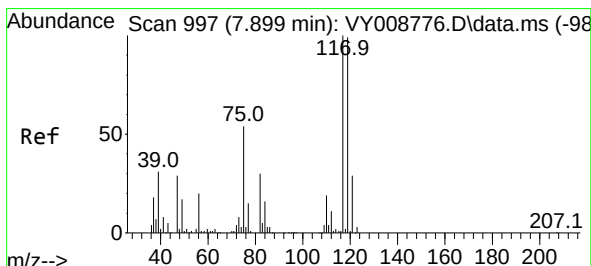
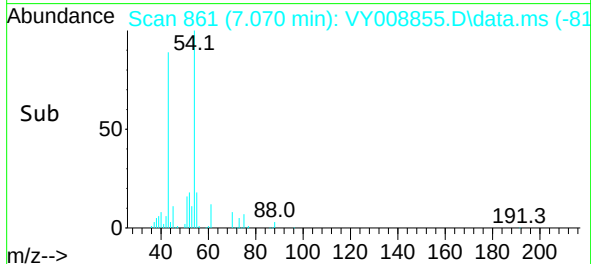
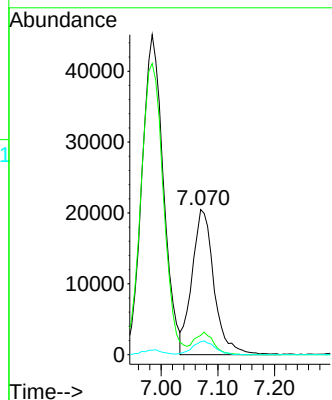
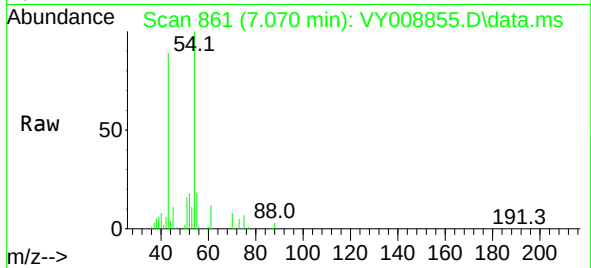




#37  
Ethyl Acetate  
Concen: 40.563 ug/l  
RT: 7.070 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

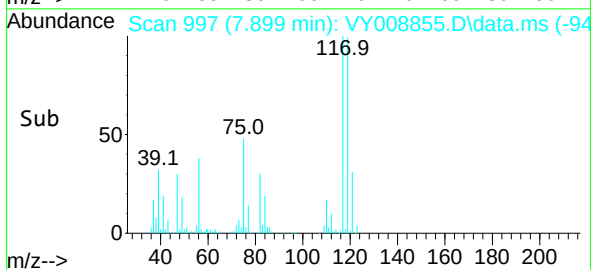
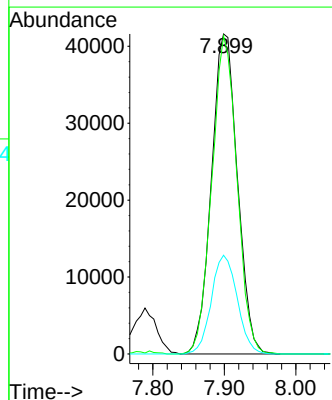
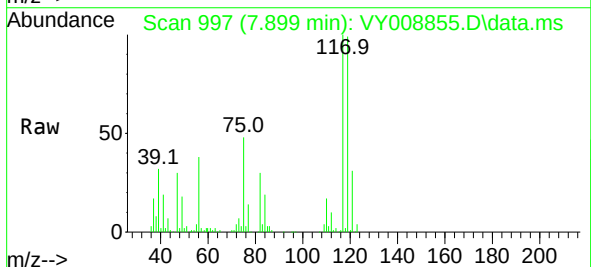
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

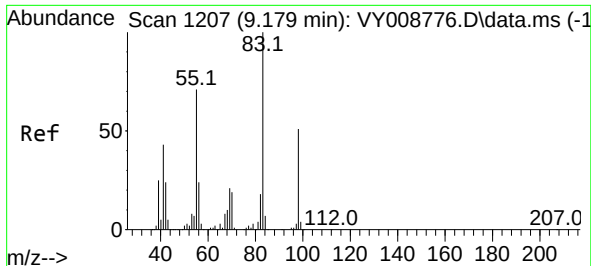
Tgt Ion: 43 Resp: 55256  
Ion Ratio Lower Upper  
43 100  
61 13.7 9.7 14.5  
70 9.6 7.1 10.7



#38  
Carbon Tetrachloride  
Concen: 42.960 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 117 Resp: 105247  
Ion Ratio Lower Upper  
117 100  
119 99.3 77.9 116.9  
121 30.8 24.8 37.2

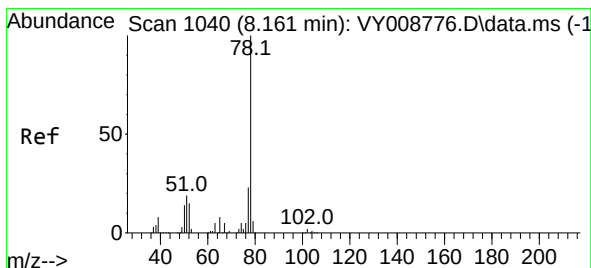
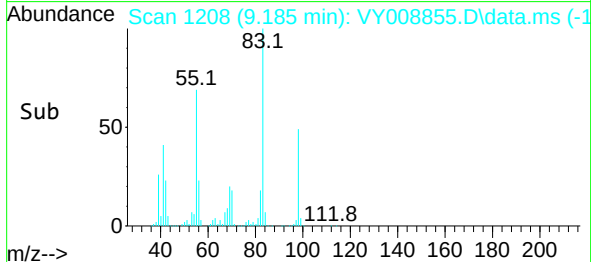
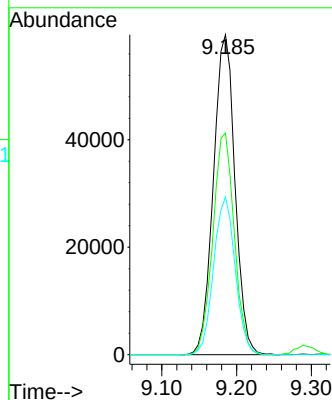
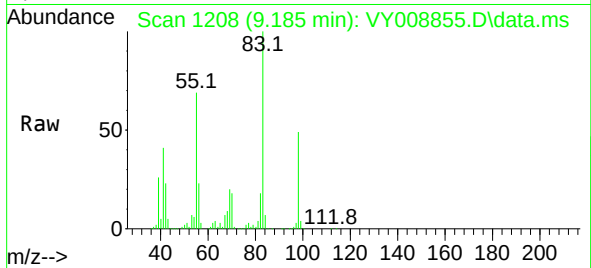




#39  
Methylcyclohexane  
Concen: 44.079 ug/l  
RT: 9.185 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

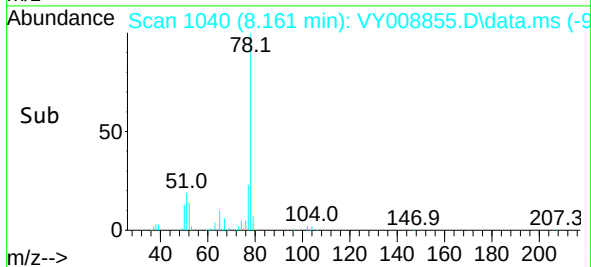
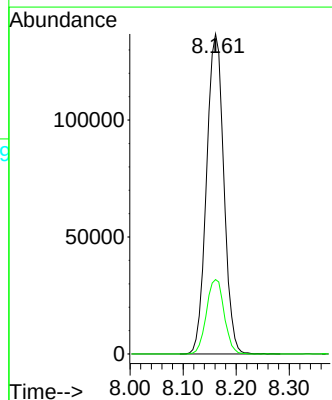
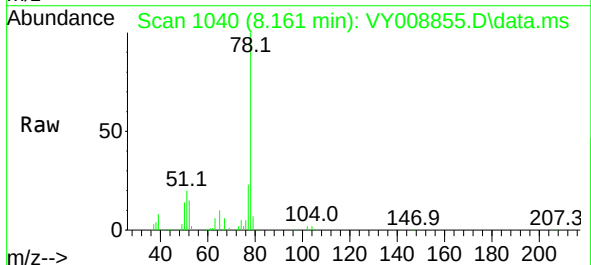
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 119496  
Ion Ratio Lower Upper  
83 100  
55 69.3 66.5 99.7  
98 49.2 37.9 56.9

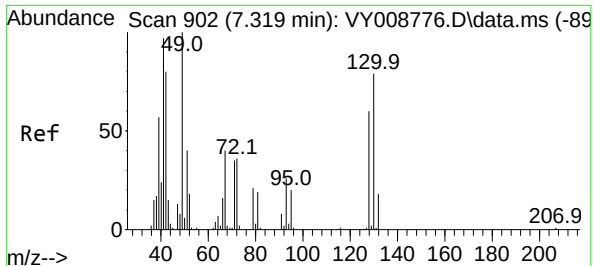


#40  
Benzene  
Concen: 48.233 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 78 Resp: 308514  
Ion Ratio Lower Upper  
78 100  
77 23.3 20.4 30.6

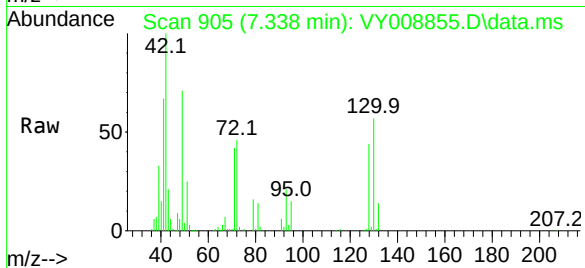




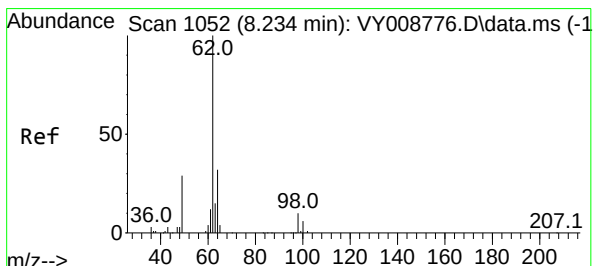
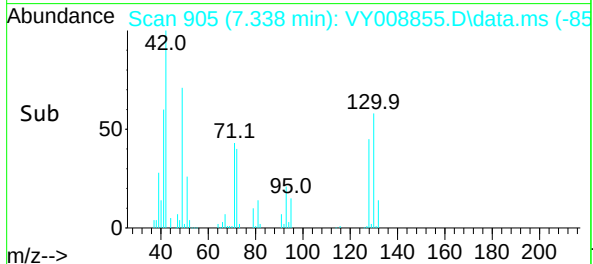
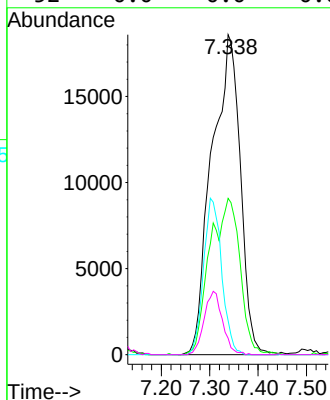


#41  
Methacrylonitrile  
Concen: 106.155 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.018 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

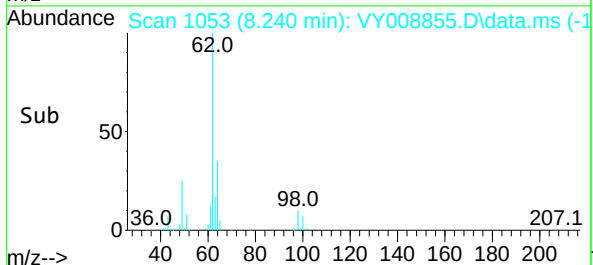
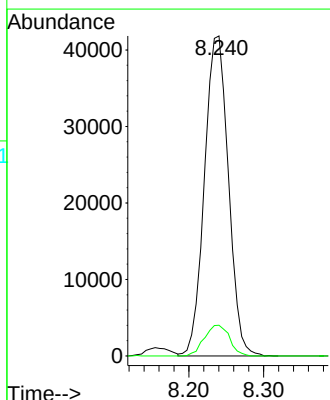
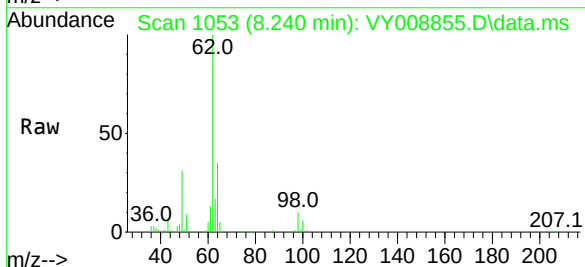


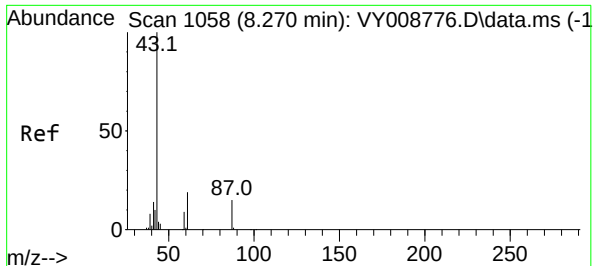
Tgt Ion: 41 Resp: 76049  
Ion Ratio Lower Upper  
41 100  
39 31.1 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 49.559 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.006 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 62 Resp: 93051  
Ion Ratio Lower Upper  
62 100  
98 10.1 0.0 14.8





#43

Isopropyl Acetate

Concen: 47.366 ug/l

RT: 8.271 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

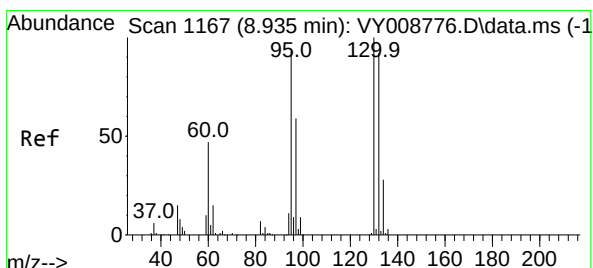
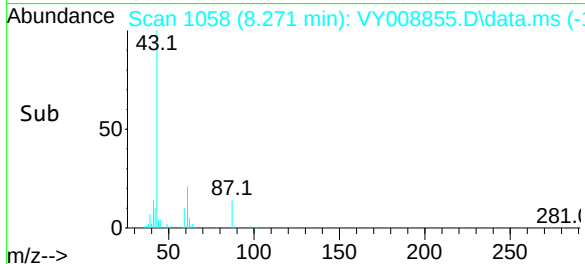
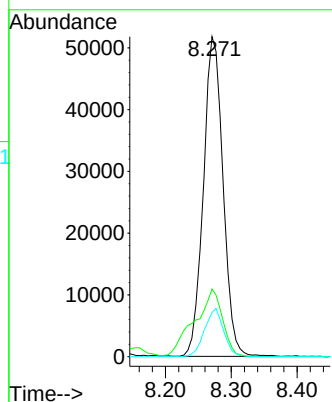
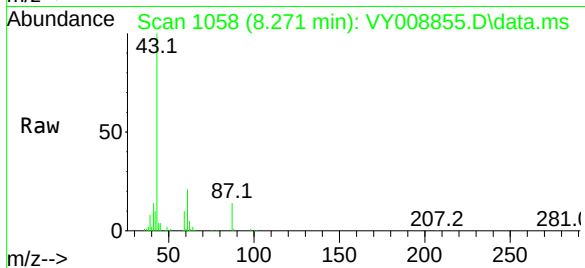
Tgt Ion: 43 Resp: 107413

Ion Ratio Lower Upper

43 100

61 30.3 20.2 30.2#

87 14.7 8.9 13.3#



#44

Trichloroethene

Concen: 45.730 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY008855.D

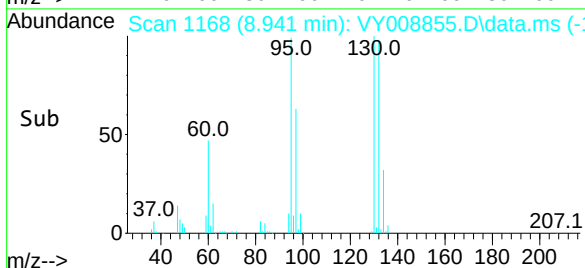
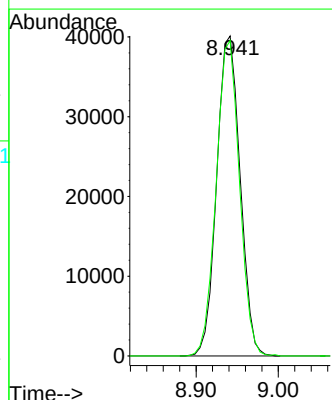
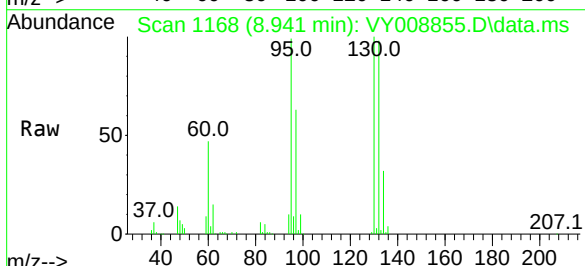
Acq: 19 May 2022 08:01

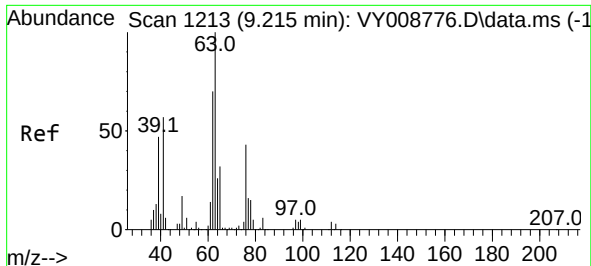
Tgt Ion:130 Resp: 79568

Ion Ratio Lower Upper

130 100

95 98.5 0.0 188.2





#45

1,2-Dichloropropane

Concen: 51.871 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

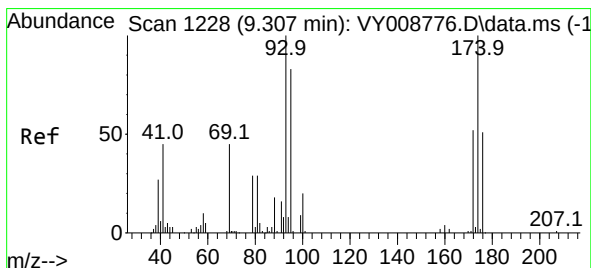
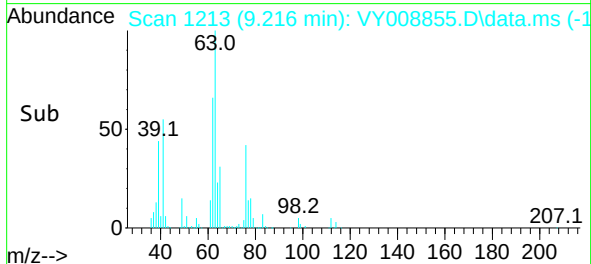
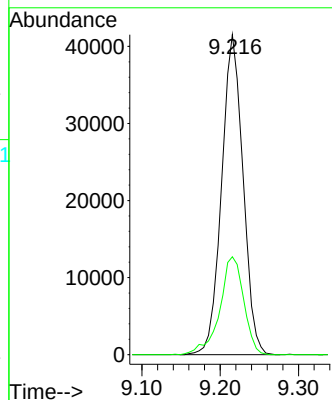
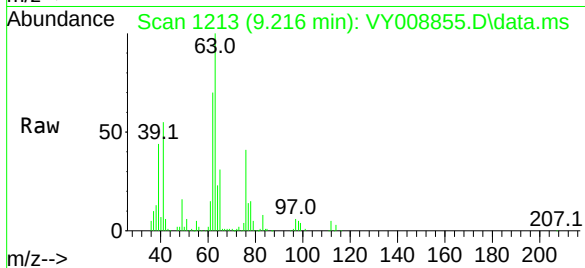
VSTDCCC050EC

Tgt Ion: 63 Resp: 78851

Ion Ratio Lower Upper

63 100

65 30.6 23.0 34.6



#46

Dibromomethane

Concen: 48.638 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

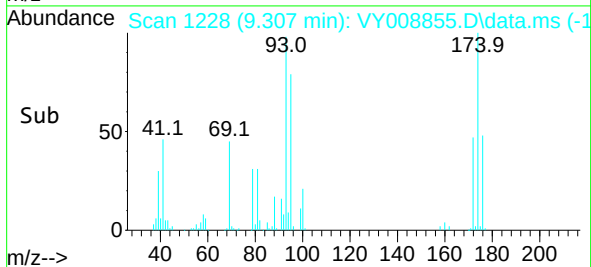
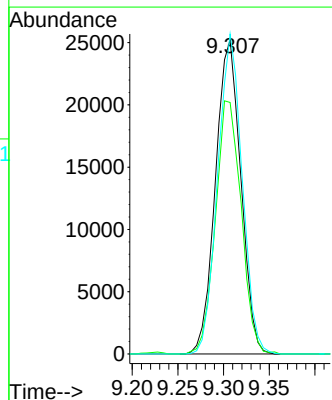
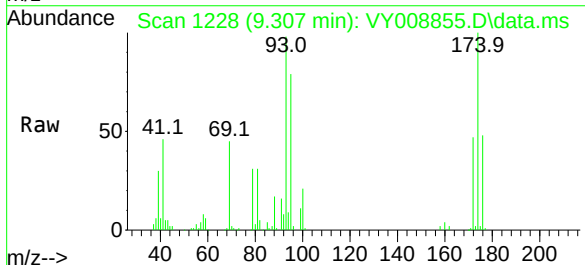
Tgt Ion: 93 Resp: 48584

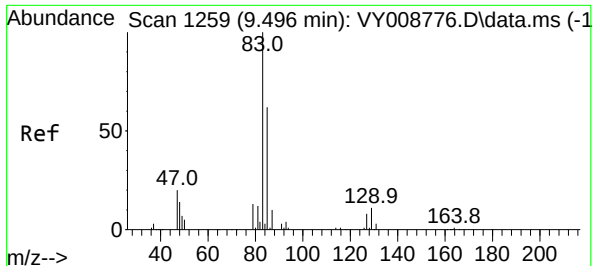
Ion Ratio Lower Upper

93 100

95 81.9 64.3 96.5

174 98.3 83.4 125.0





#47

Bromodichloromethane

Concen: 52.153 ug/l

RT: 9.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

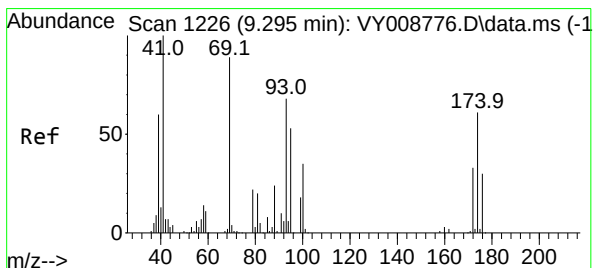
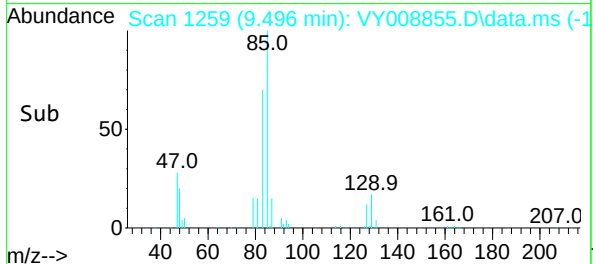
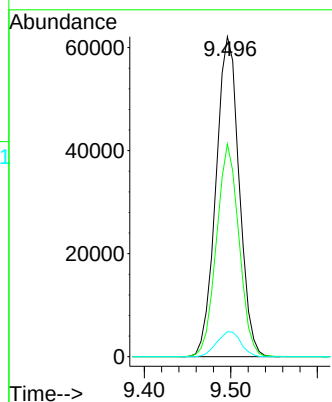
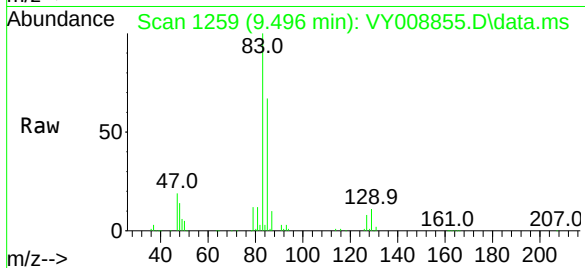
Tgt Ion: 83 Resp: 115490

Ion Ratio Lower Upper

83 100

85 66.5 51.9 77.9

127 7.8 6.6 10.0



#48

Methyl methacrylate

Concen: 48.241 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

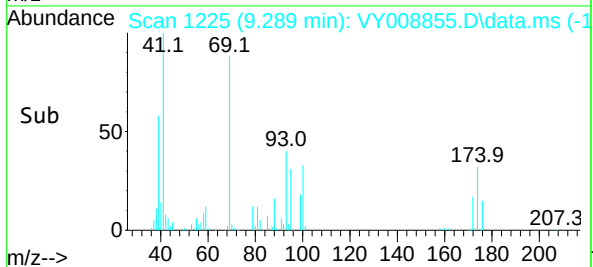
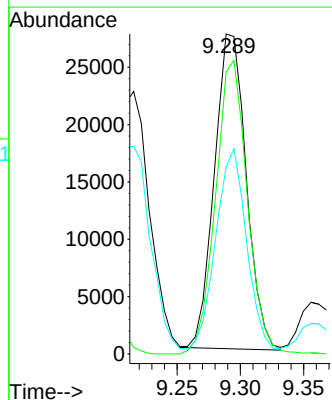
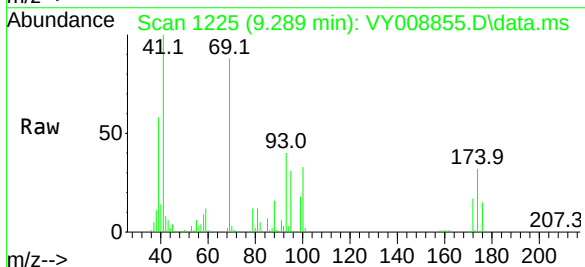
Tgt Ion: 41 Resp: 48036

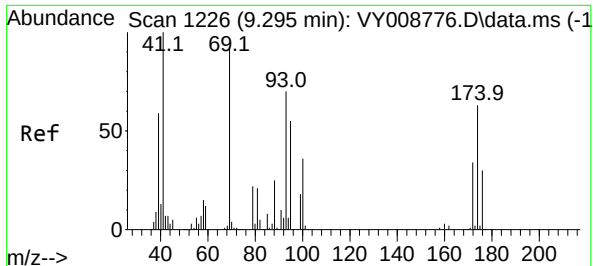
Ion Ratio Lower Upper

41 100

69 93.2 58.2 87.2#

39 64.6 47.4 71.0





#49

1,4-Dioxane

Concen: 844.854 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

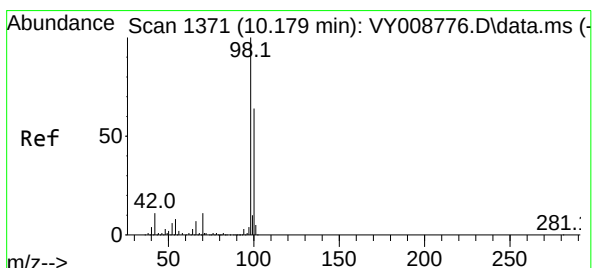
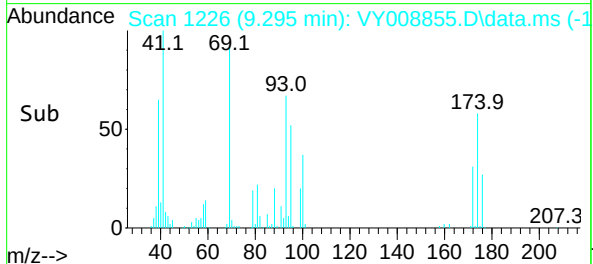
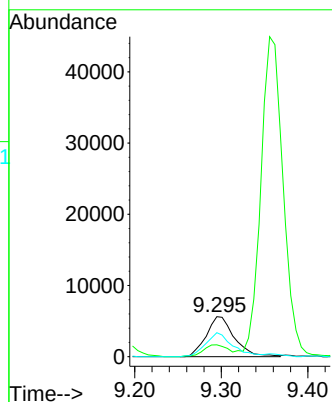
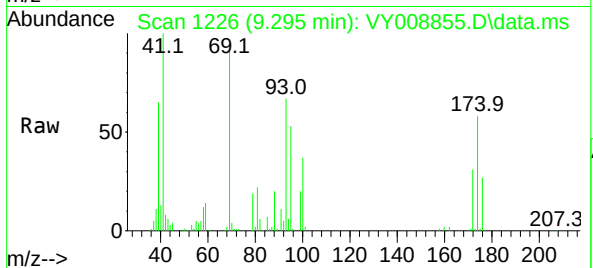
Tgt Ion: 88 Resp: 12676

Ion Ratio Lower Upper

88 100

43 25.8 32.8 49.2#

58 56.9 59.8 89.6#



#50

Toluene-d8

Concen: 46.560 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008855.D

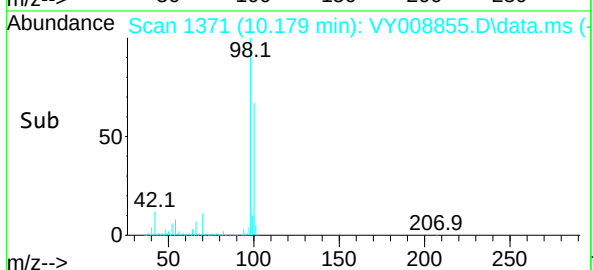
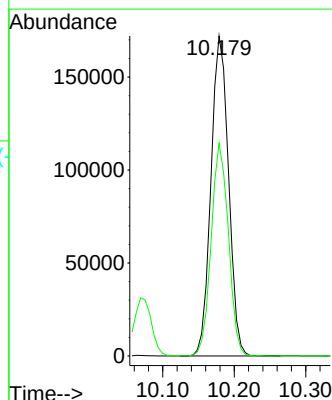
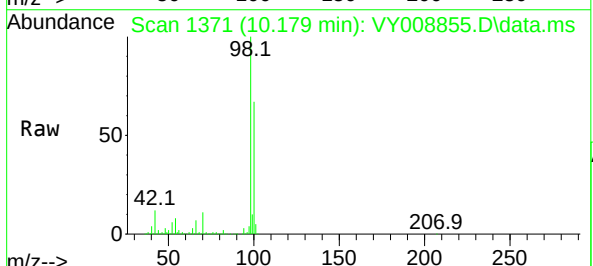
Acq: 19 May 2022 08:01

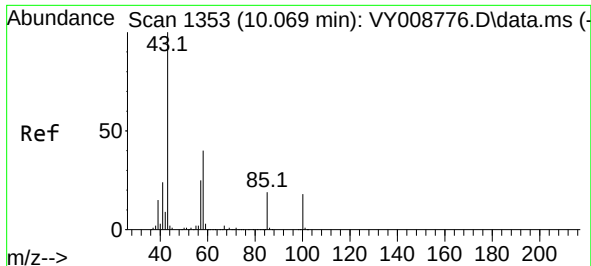
Tgt Ion: 98 Resp: 293908

Ion Ratio Lower Upper

98 100

100 65.2 50.2 75.2

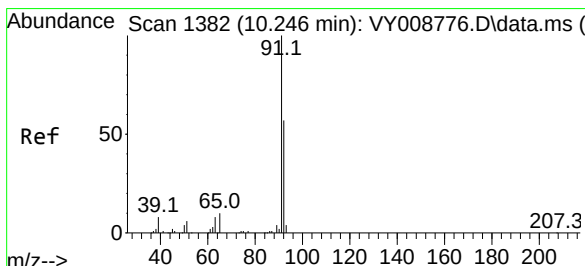
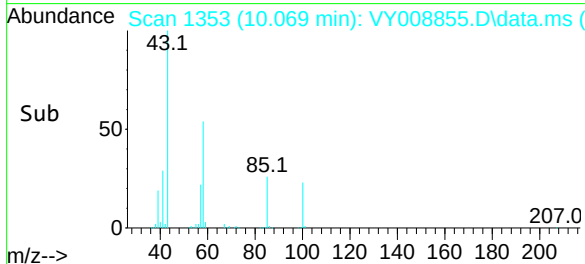
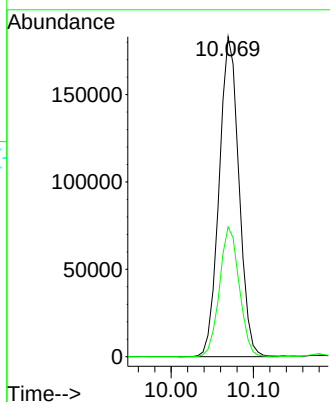
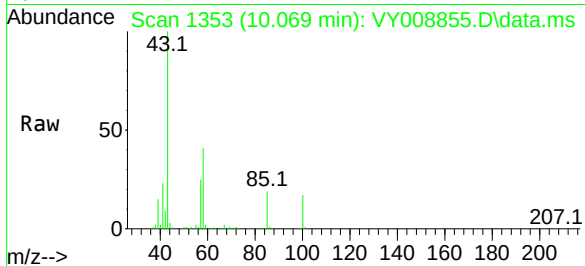




#51  
4-Methyl-2-Pentanone  
Concen: 229.035 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

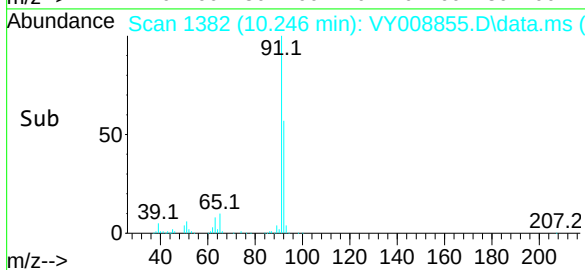
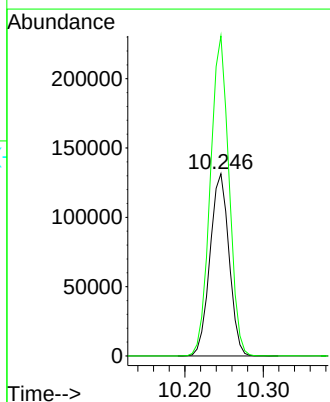
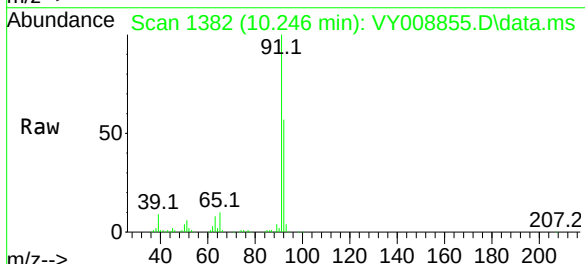
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

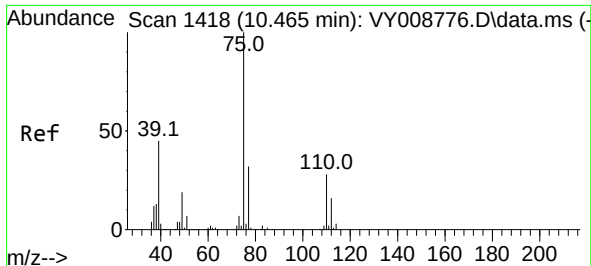
Tgt Ion: 43 Resp: 306621  
Ion Ratio Lower Upper  
43 100  
58 40.5 28.1 42.1



#52  
Toluene  
Concen: 50.976 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 92 Resp: 221564  
Ion Ratio Lower Upper  
92 100  
91 172.6 142.6 213.8

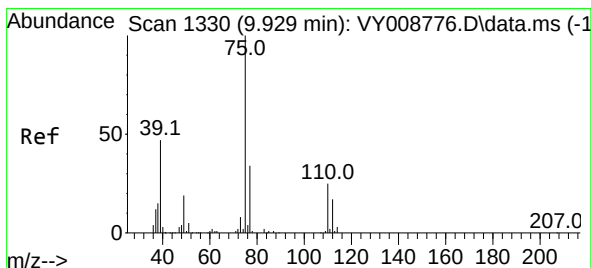
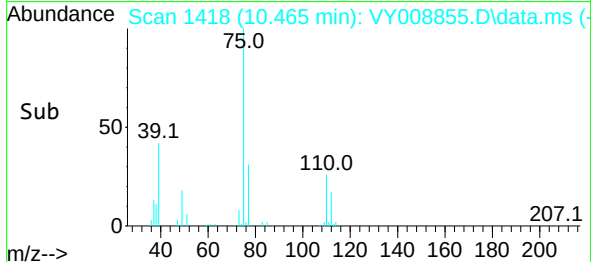
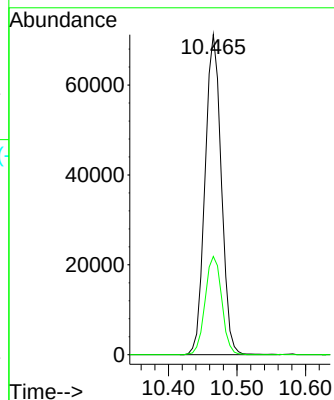
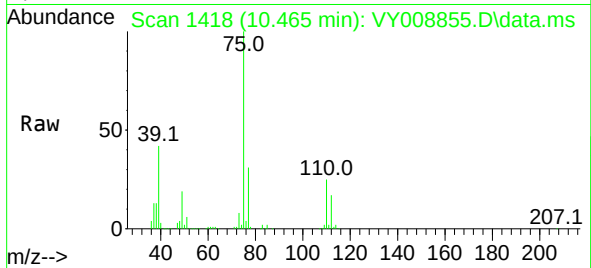




#53  
 t-1,3-Dichloropropene  
 Concen: 51.211 ug/l  
 RT: 10.465 min Scan# 1418  
 Delta R.T. 0.000 min  
 Lab File: VY008855.D  
 Acq: 19 May 2022 08:01

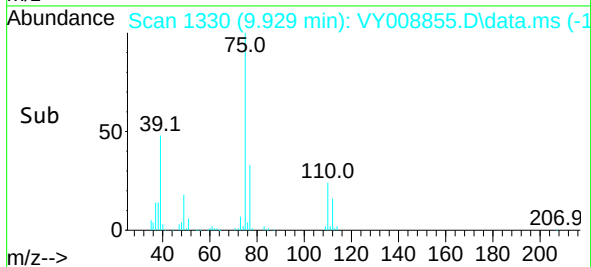
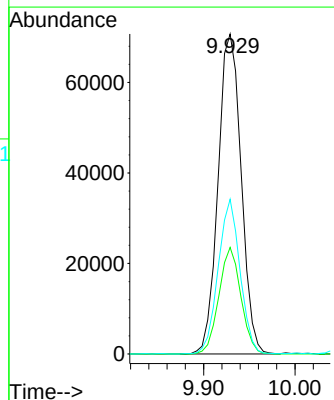
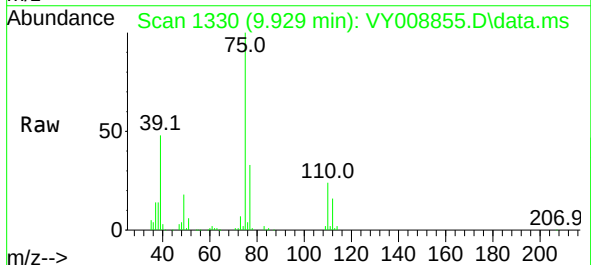
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

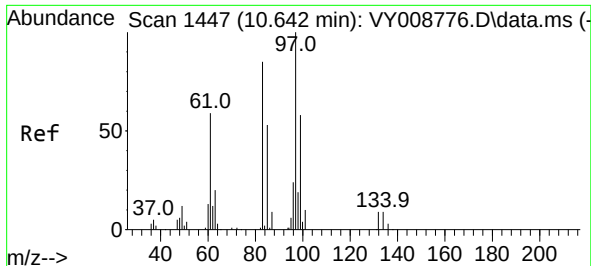
Tgt Ion: 75 Resp: 117792  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 50.086 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. 0.000 min  
 Lab File: VY008855.D  
 Acq: 19 May 2022 08:01

Tgt Ion: 75 Resp: 124231  
 Ion Ratio Lower Upper  
 75 100  
 77 33.3 25.6 38.4  
 39 48.4 47.6 71.4

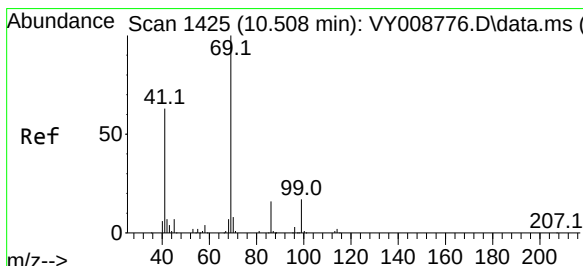
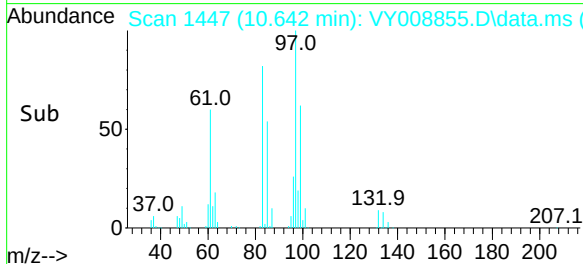
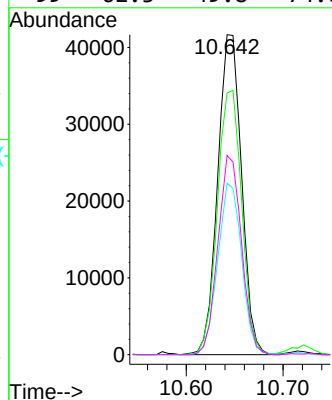
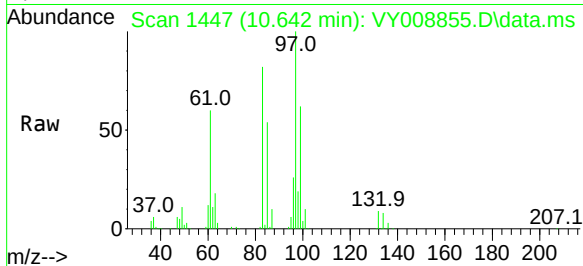




#55  
1,1,2-Trichloroethane  
Concen: 52.599 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

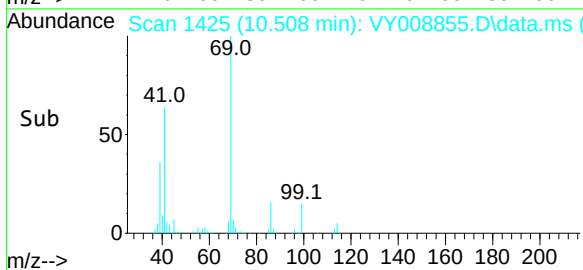
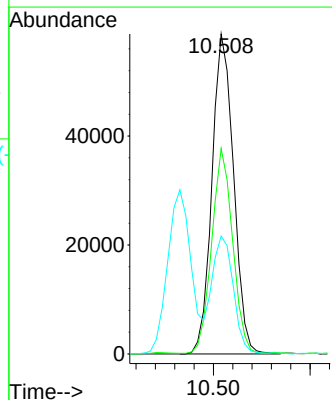
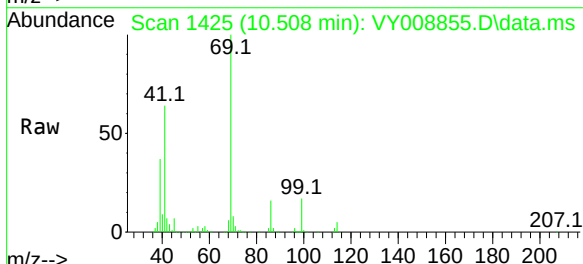
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 71448 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 81.8  | 69.8  | 104.8 |
| 85       | 53.6  | 44.3  | 66.5  |
| 99       | 62.3  | 49.8  | 74.6  |

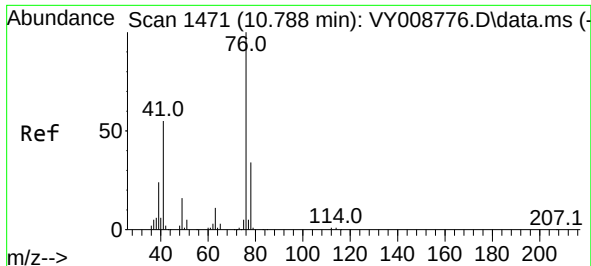


#56  
Ethyl methacrylate  
Concen: 55.258 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 91066 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 62.0  | 63.4  | 95.0# |
| 39       | 36.6  | 35.8  | 53.8  |







#57

1,3-Dichloropropane

Concen: 51.661 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

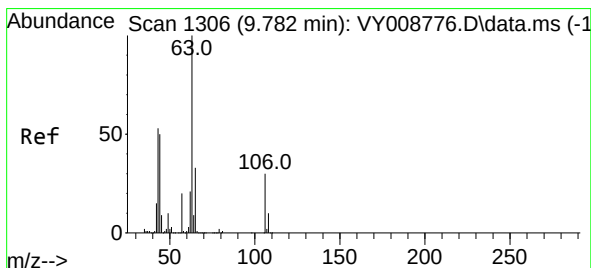
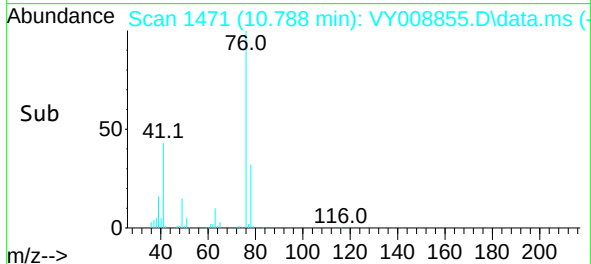
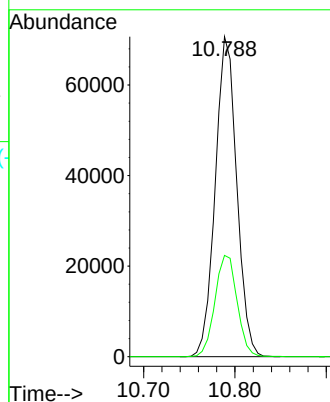
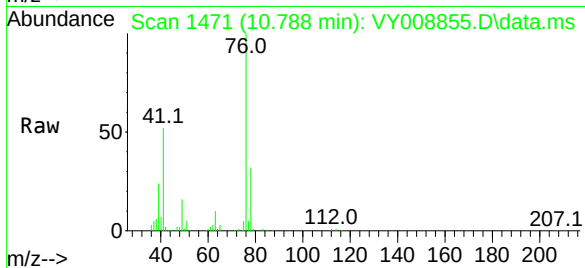
VSTDCCC050EC

Tgt Ion: 76 Resp: 115385

Ion Ratio Lower Upper

76 100

78 32.7 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 270.650 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008855.D

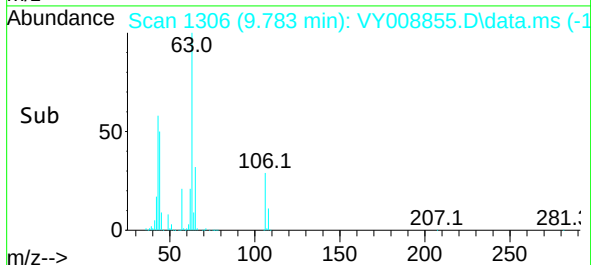
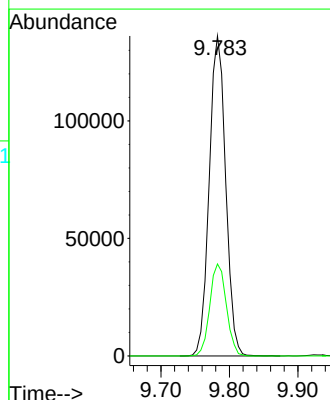
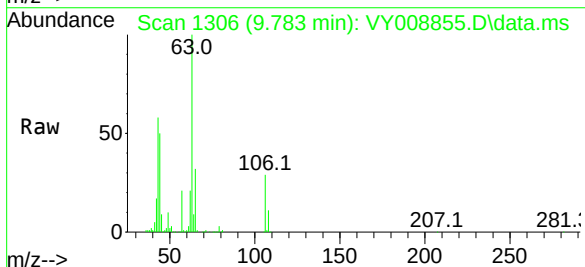
Acq: 19 May 2022 08:01

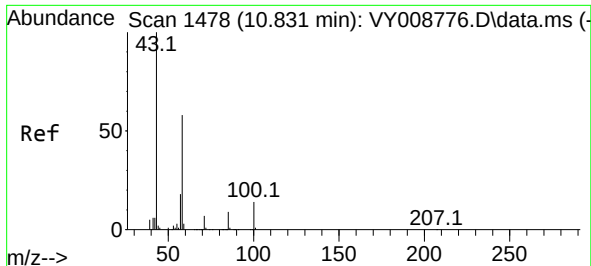
Tgt Ion: 63 Resp: 227449

Ion Ratio Lower Upper

63 100

106 28.9 21.5 32.3

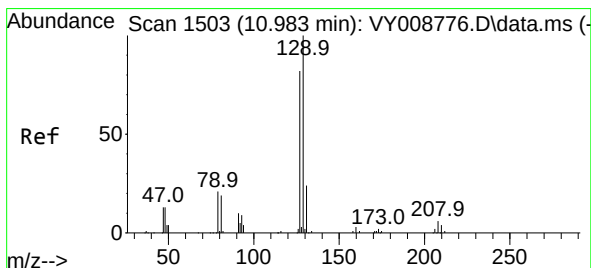
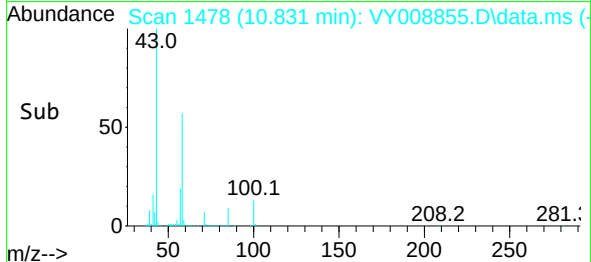
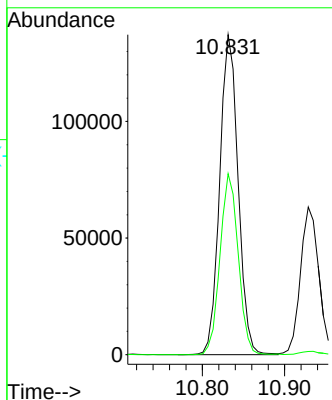
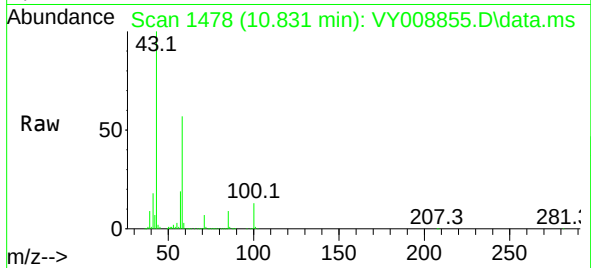




#59  
2-Hexanone  
Concen: 222.892 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

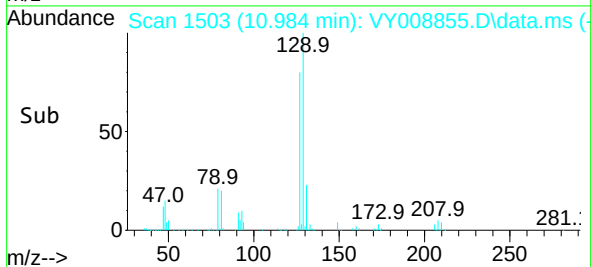
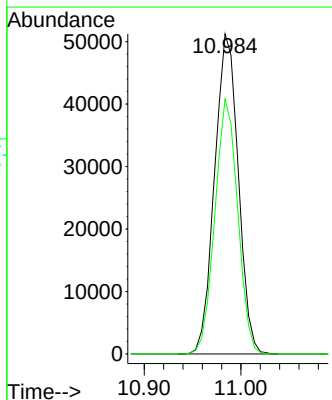
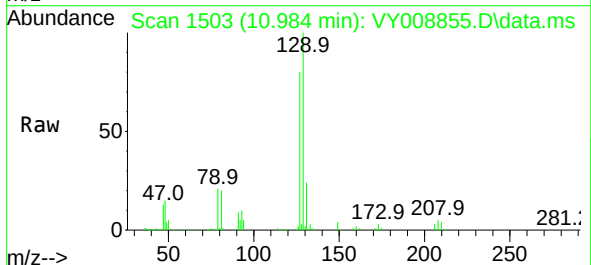
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

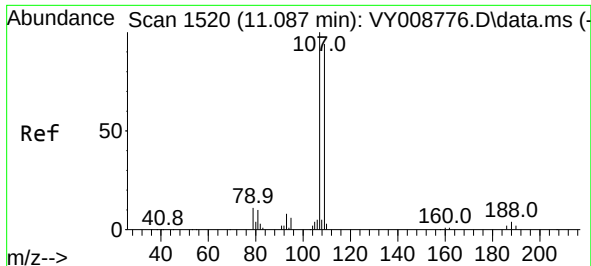
Tgt Ion: 43 Resp: 213207  
Ion Ratio Lower Upper  
43 100  
58 56.0 24.4 73.4



#60  
Dibromochloromethane  
Concen: 53.406 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 129 Resp: 87087  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.7 116.1

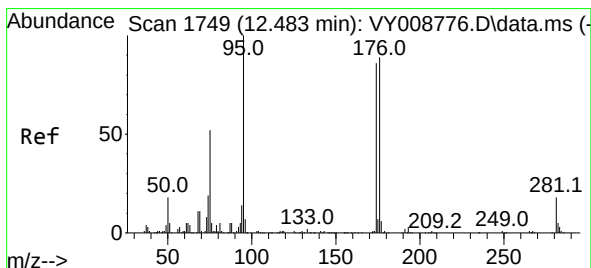
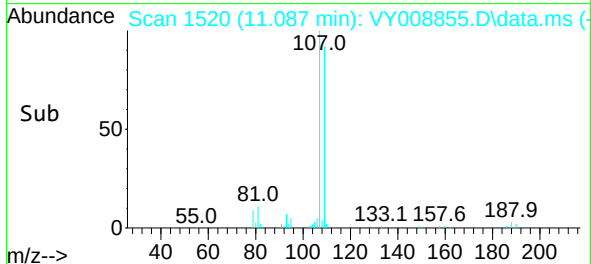
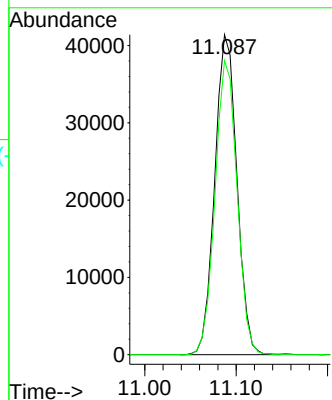
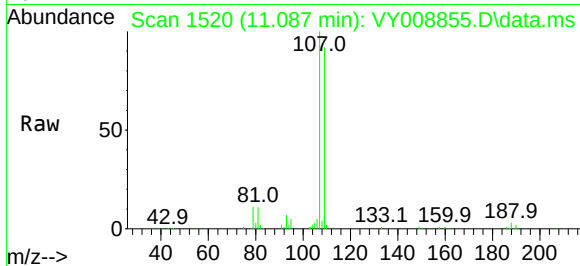




#61  
1,2-Dibromoethane  
Concen: 51.393 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

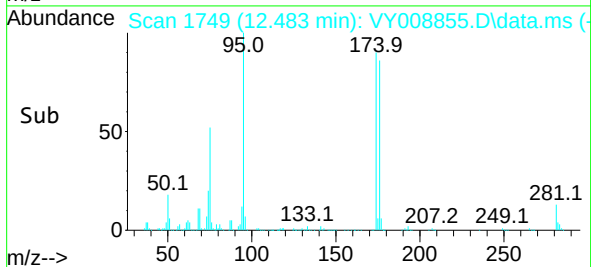
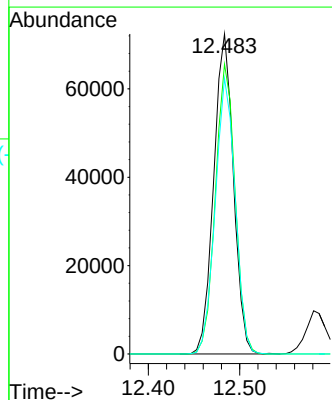
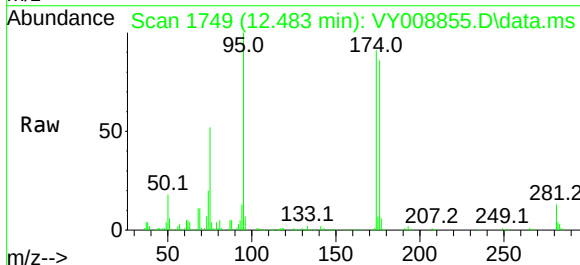
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

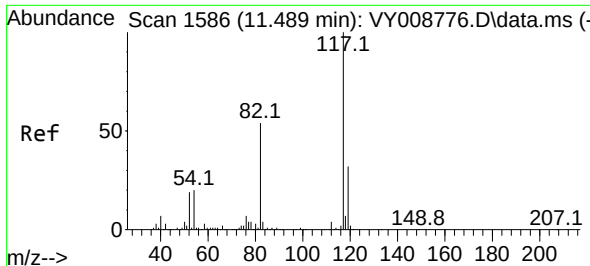
Tgt Ion:107 Resp: 69617  
Ion Ratio Lower Upper  
107 100  
109 91.8 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 48.135 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 95 Resp: 108661  
Ion Ratio Lower Upper  
95 100  
174 90.6 0.0 177.0  
176 87.1 0.0 175.8

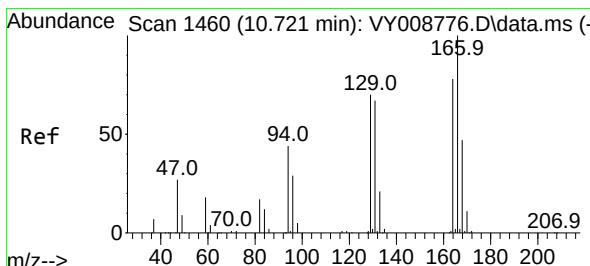
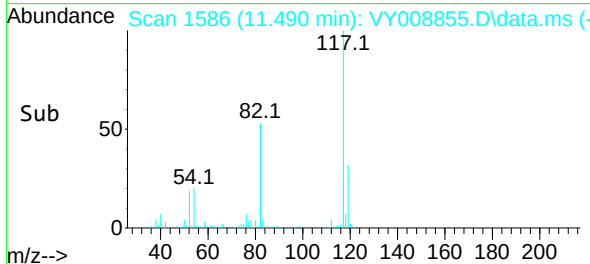
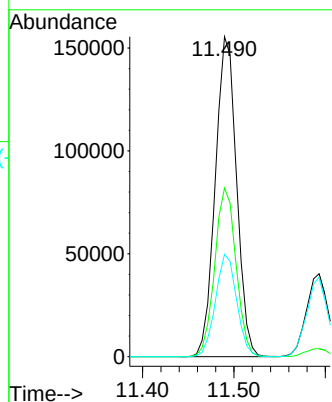
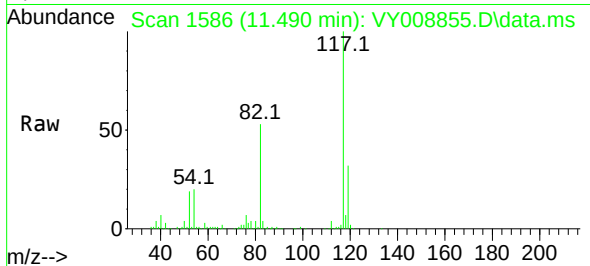




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

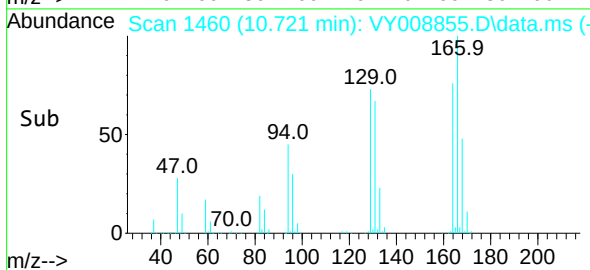
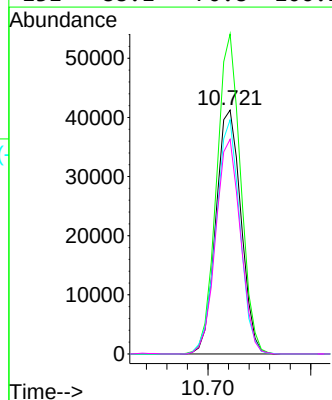
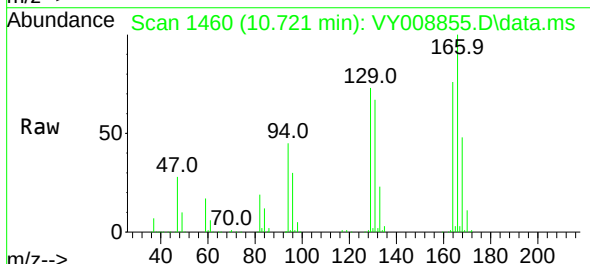
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

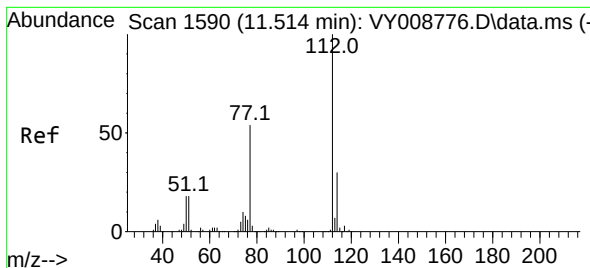
Tgt Ion:117 Resp: 251743  
Ion Ratio Lower Upper  
117 100  
82 52.7 43.0 64.4  
119 32.0 25.4 38.0



#64  
Tetrachloroethene  
Concen: 43.333 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion:164 Resp: 69829  
Ion Ratio Lower Upper  
164 100  
166 131.2 100.4 150.6  
129 96.1 71.4 107.0  
131 88.1 70.8 106.2





#65

Chlorobenzene

Concen: 47.709 ug/l

RT: 11.514 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

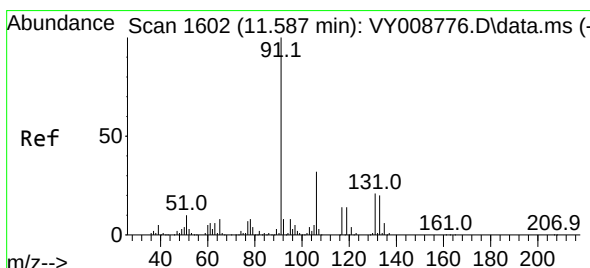
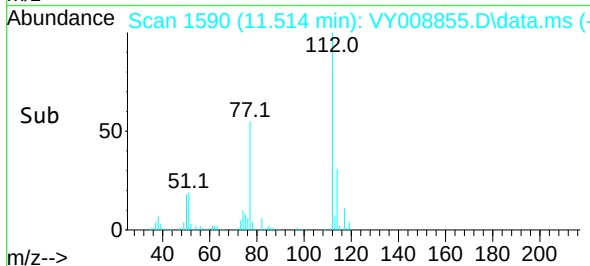
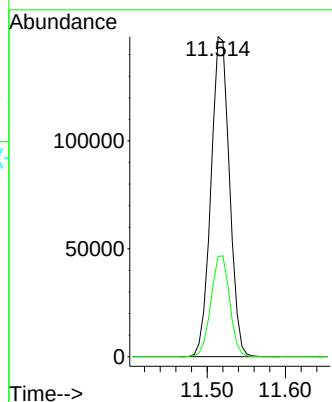
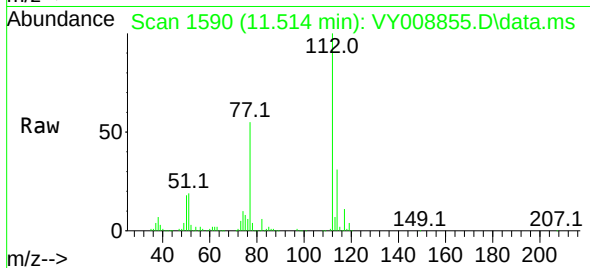
VSTDCCC050EC

Tgt Ion:112 Resp: 243074

Ion Ratio Lower Upper

112 100

114 31.3 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.718 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

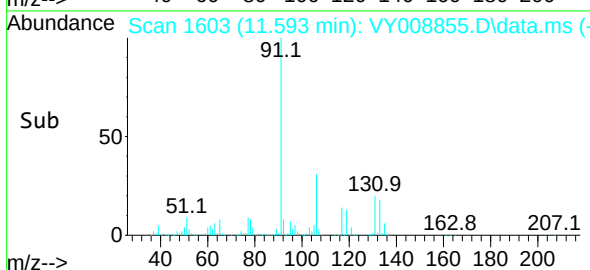
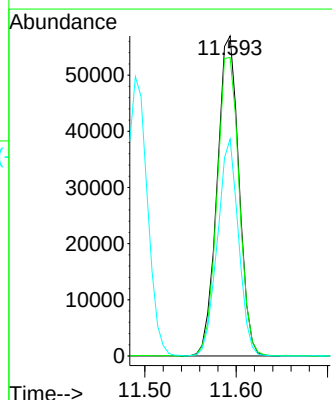
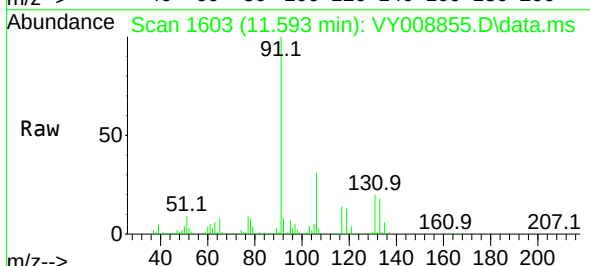
Tgt Ion:131 Resp: 94405

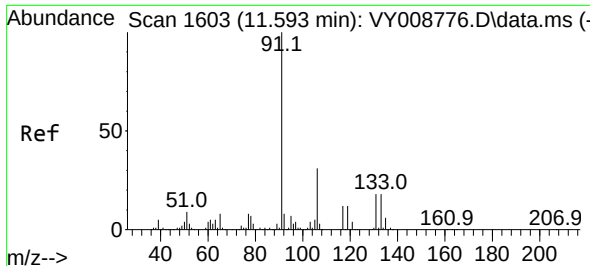
Ion Ratio Lower Upper

131 100

133 94.8 47.9 143.6

119 65.4 30.8 92.3





#67

Ethyl Benzene

Concen: 47.989 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

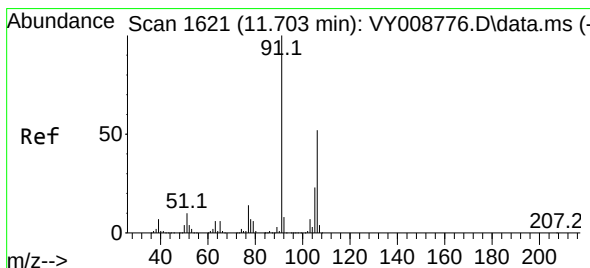
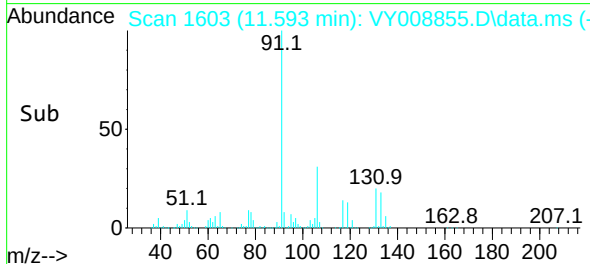
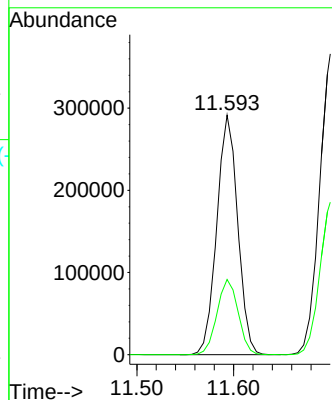
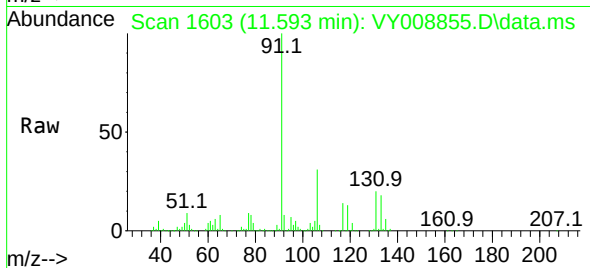
VSTDCCC050EC

Tgt Ion: 91 Resp: 436641

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 98.860 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY008855.D

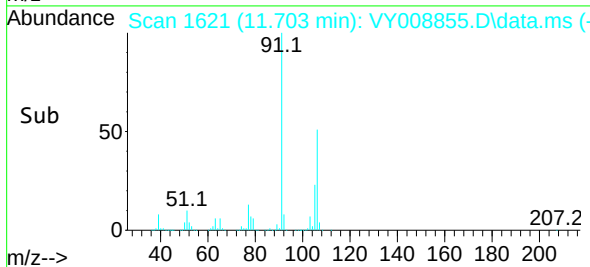
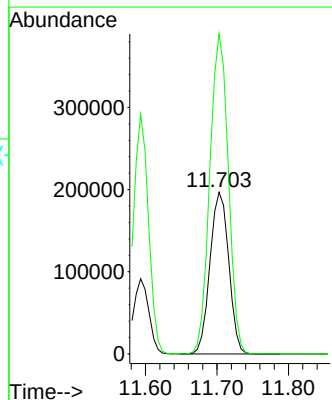
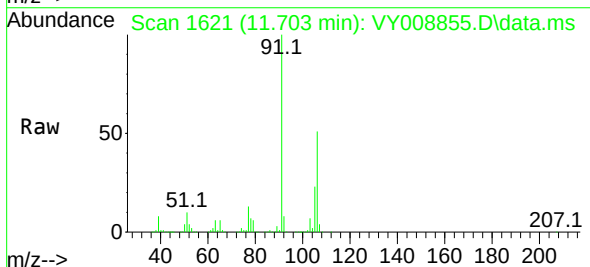
Acq: 19 May 2022 08:01

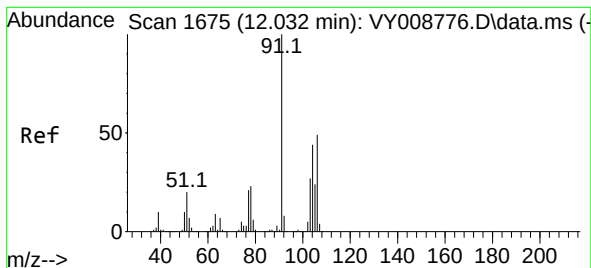
Tgt Ion: 106 Resp: 358350

Ion Ratio Lower Upper

106 100

91 195.5 166.6 249.8





#69

o-Xylene

Concen: 51.206 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

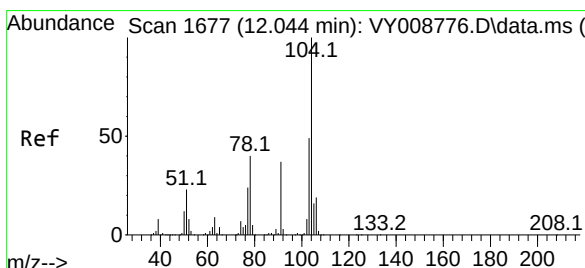
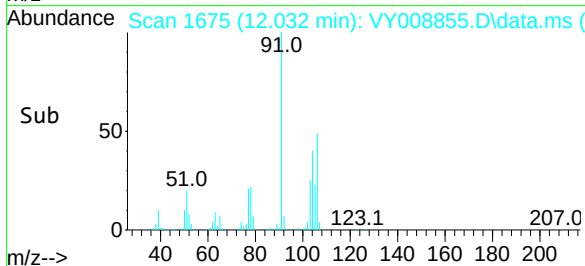
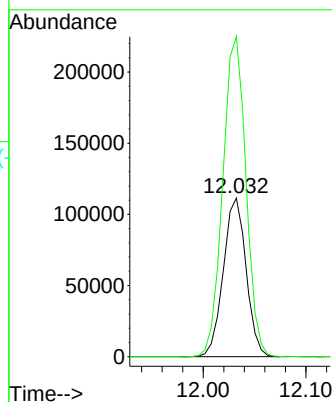
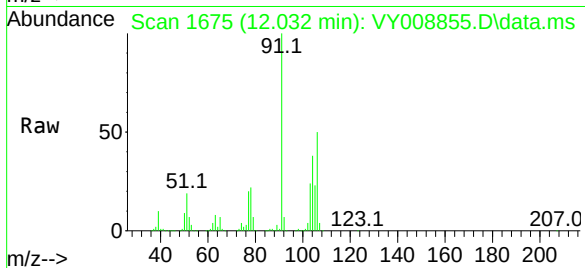
VSTDCCC050EC

Tgt Ion:106 Resp: 171503

Ion Ratio Lower Upper

106 100

91 205.1 110.3 331.0



#70

Styrene

Concen: 53.301 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

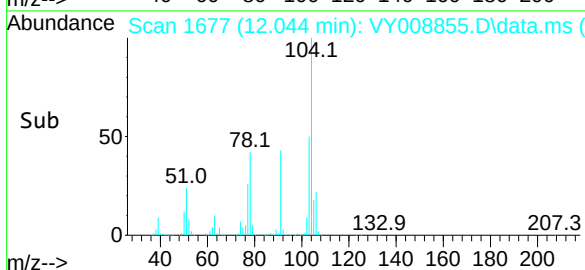
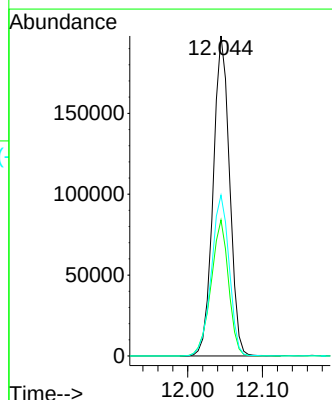
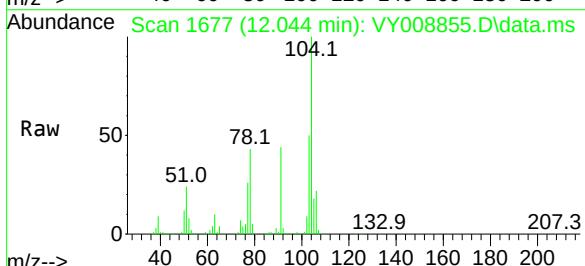
Tgt Ion:104 Resp: 302202

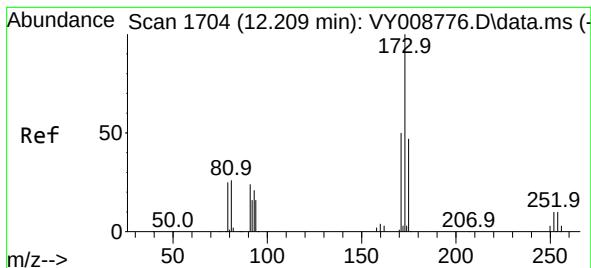
Ion Ratio Lower Upper

104 100

78 45.2 42.4 63.6

103 54.3 44.4 66.6





#71

Bromoform

Concen: 49.052 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

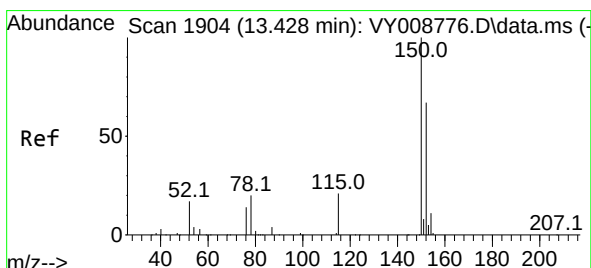
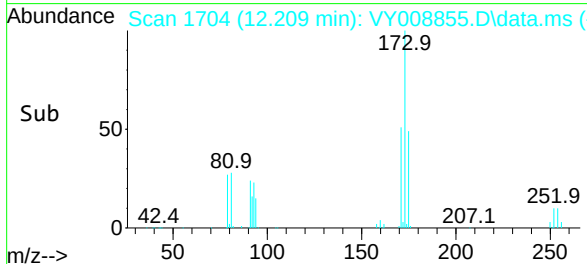
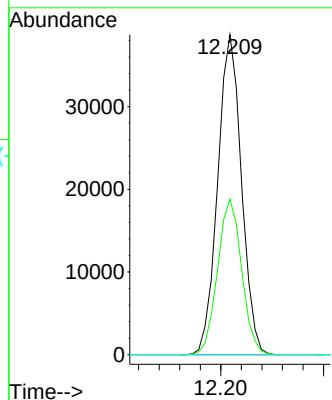
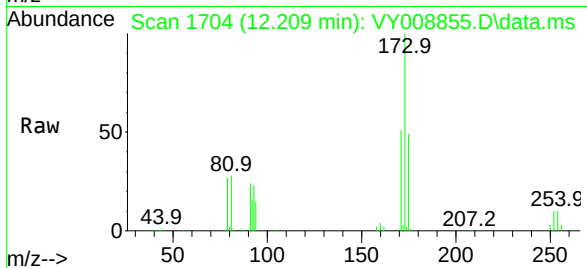
Tgt Ion:173 Resp: 61982

Ion Ratio Lower Upper

173 100

175 49.3 24.6 74.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

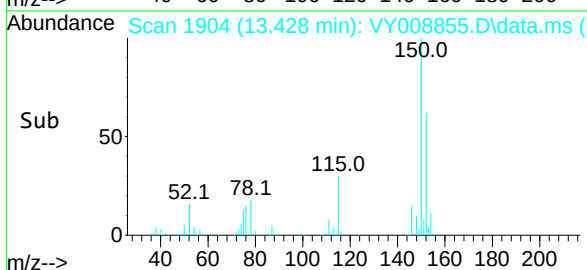
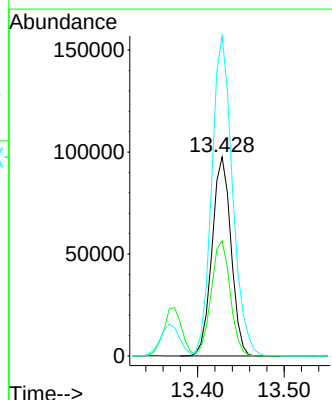
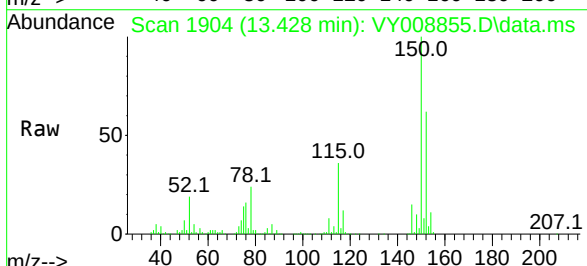
Tgt Ion:152 Resp: 148811

Ion Ratio Lower Upper

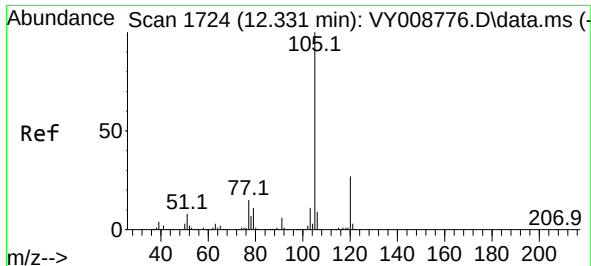
152 100

115 57.9 28.2 84.7

150 175.6 0.0 347.6



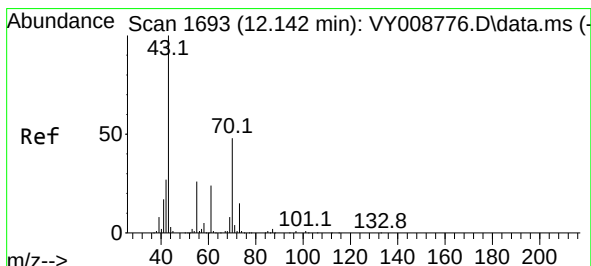
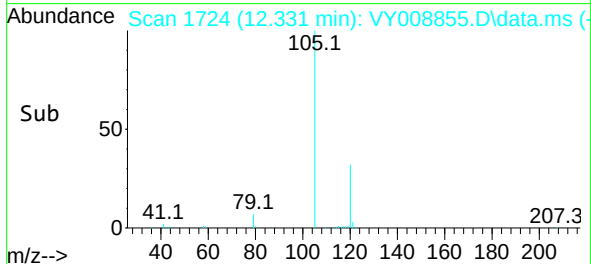
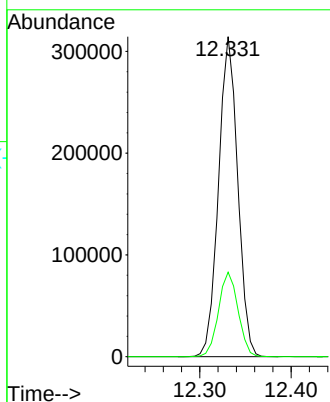
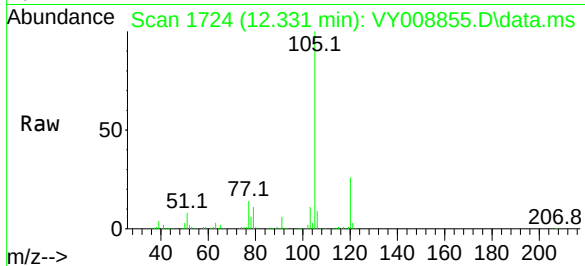




#73  
Isopropylbenzene  
Concen: 45.010 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

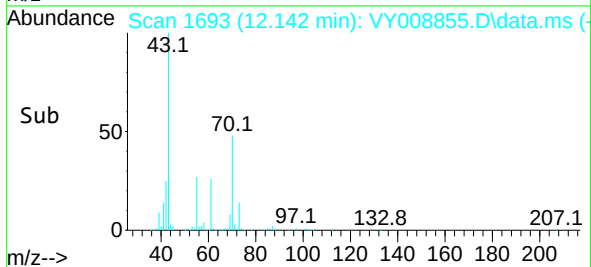
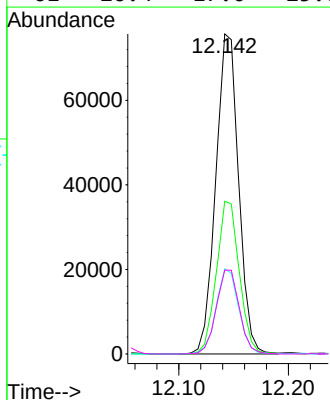
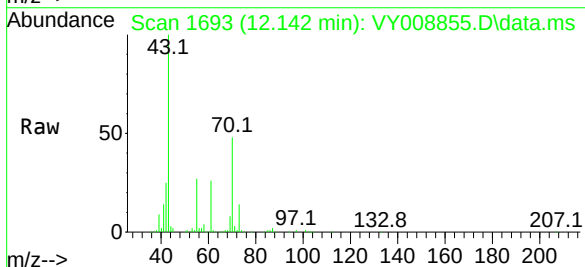
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

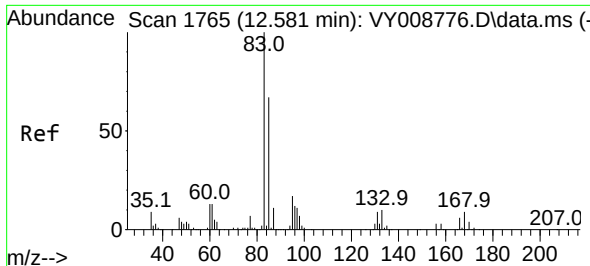
Tgt Ion:105 Resp: 459369  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.4 40.2



#74  
N-ethyl acetate  
Concen: 45.038 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 43 Resp: 109716  
Ion Ratio Lower Upper  
43 100  
70 47.8 28.7 43.1#  
55 26.4 17.3 25.9#  
61 26.4 17.0 25.6#

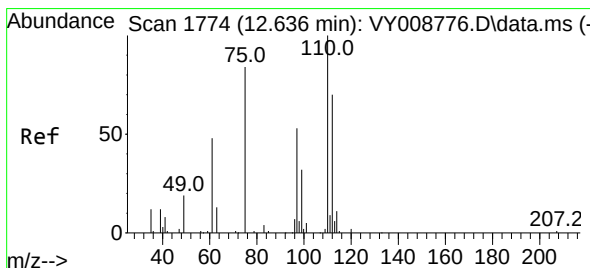
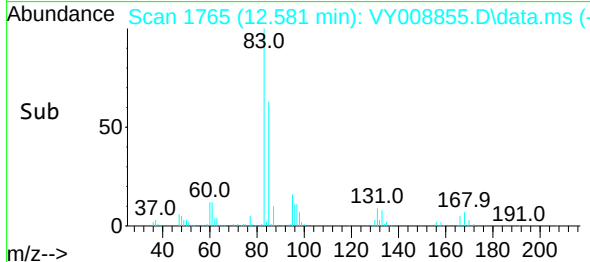
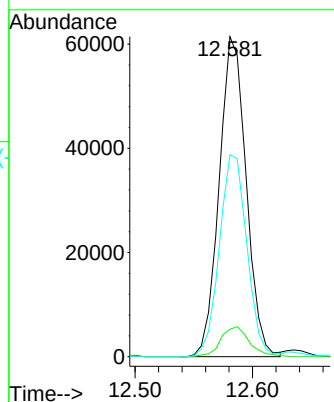
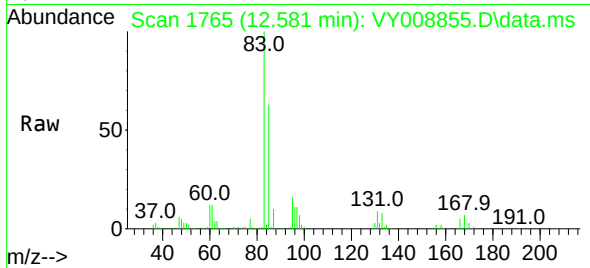




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 43.214 ug/l  
 RT: 12.581 min Scan# 1765  
 Delta R.T. 0.000 min  
 Lab File: VY008855.D  
 Acq: 19 May 2022 08:01

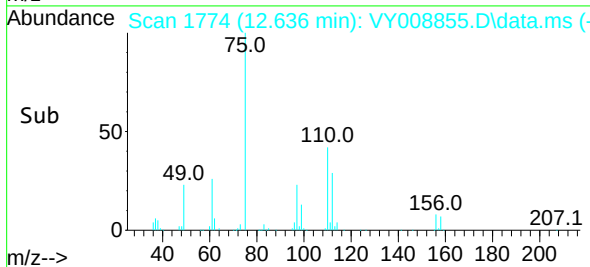
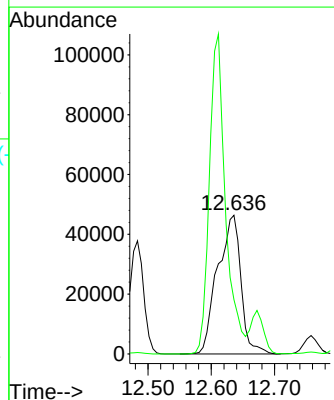
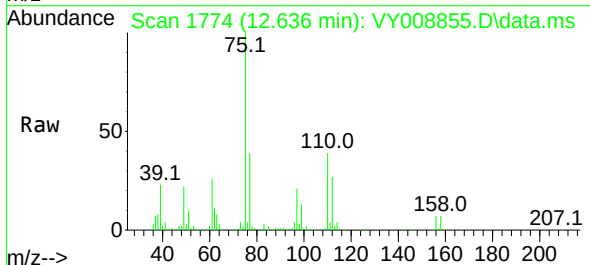
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

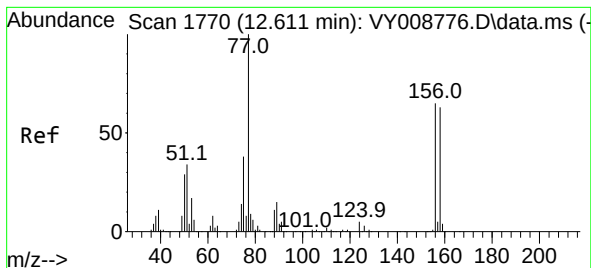
Tgt Ion: 83 Resp: 98050  
 Ion Ratio Lower Upper  
 83 100  
 131 10.0 5.6 16.8  
 85 64.3 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 69.039 ug/l  
 RT: 12.636 min Scan# 1774  
 Delta R.T. 0.000 min  
 Lab File: VY008855.D  
 Acq: 19 May 2022 08:01

Tgt Ion: 75 Resp: 118677  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.769 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

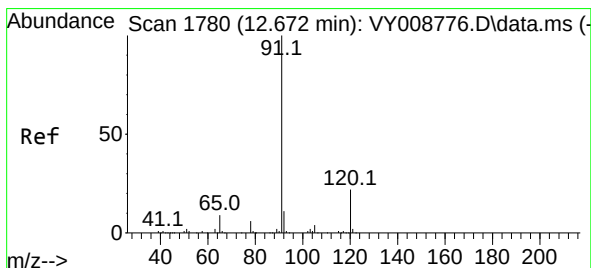
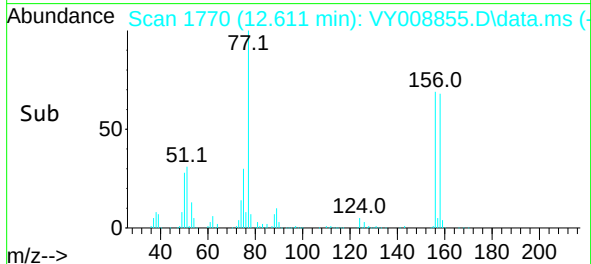
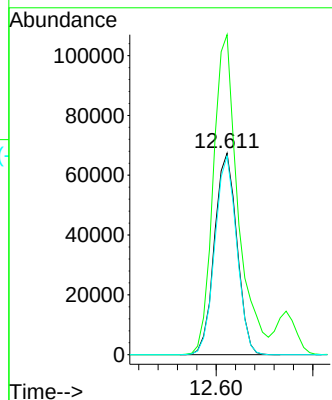
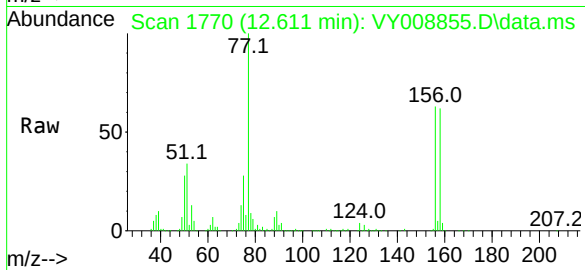
Tgt Ion:156 Resp: 108236

Ion Ratio Lower Upper

156 100

77 175.7 95.5 286.4

158 96.2 48.0 144.0



#78

n-propylbenzene

Concen: 44.624 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY008855.D

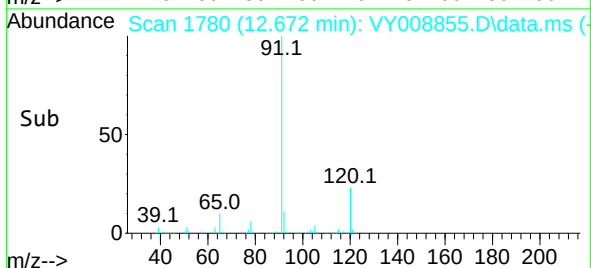
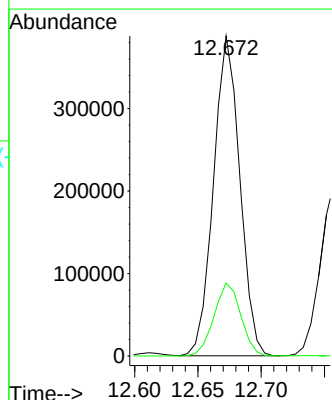
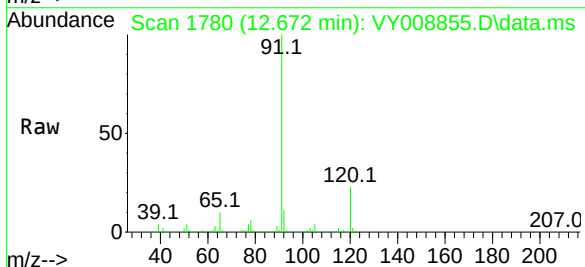
Acq: 19 May 2022 08:01

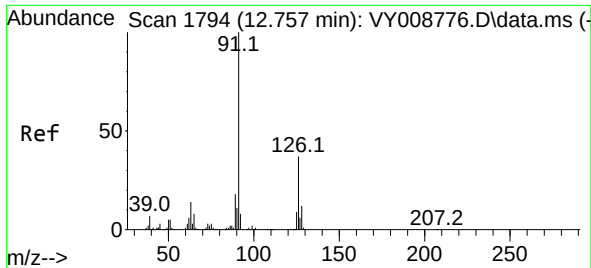
Tgt Ion: 91 Resp: 559505

Ion Ratio Lower Upper

91 100

120 23.2 11.3 33.9

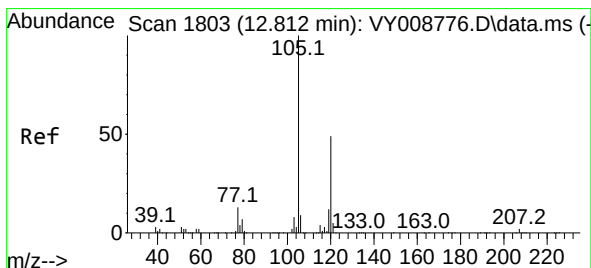
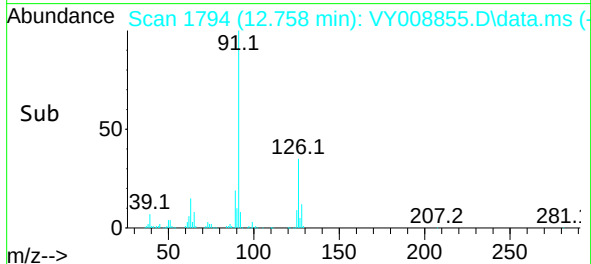
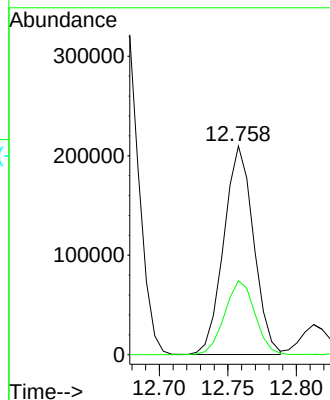
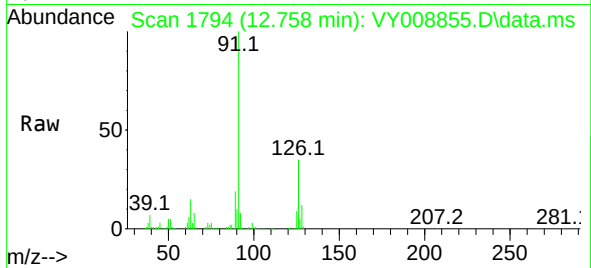




#79  
2-Chlorotoluene  
Concen: 46.775 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

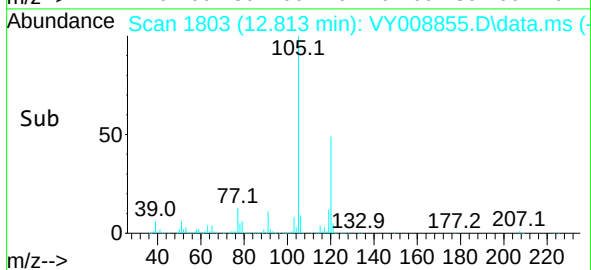
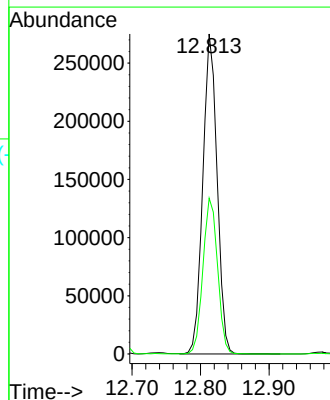
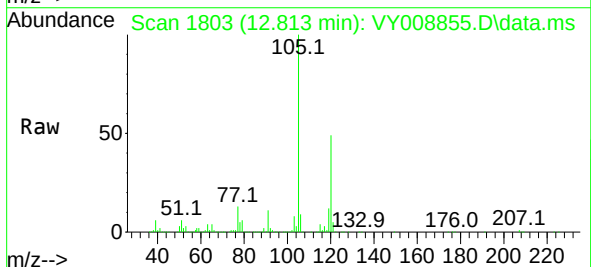
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

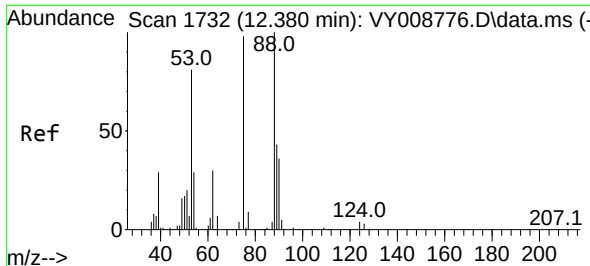
Tgt Ion: 91 Resp: 317652  
Ion Ratio Lower Upper  
91 100  
126 35.9 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 48.490 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 105 Resp: 399577  
Ion Ratio Lower Upper  
105 100  
120 49.8 24.4 73.4

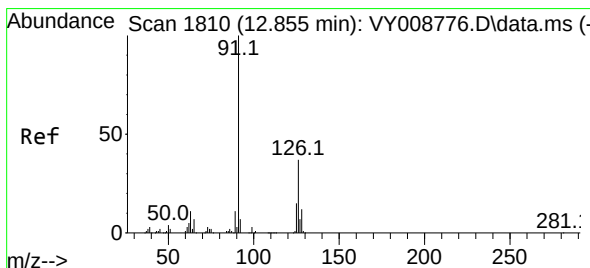
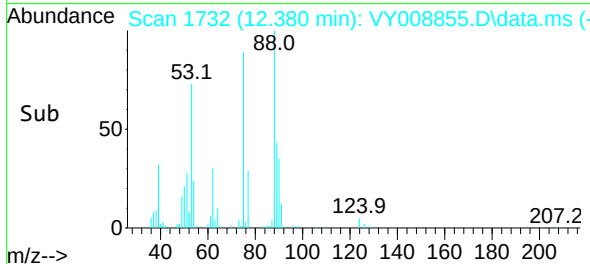
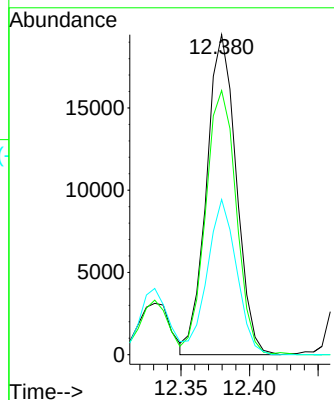
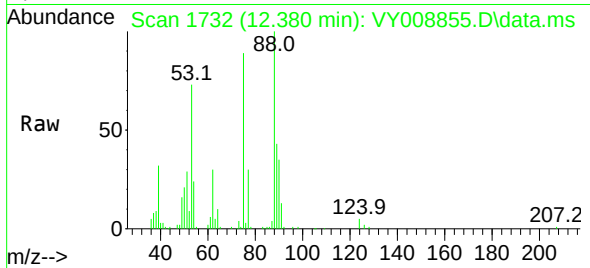




#81  
trans-1,4-Dichloro-2-butene  
Concen: 37.443 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

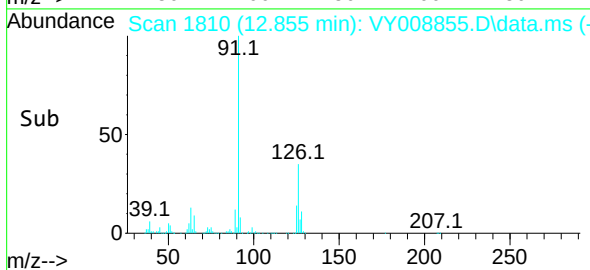
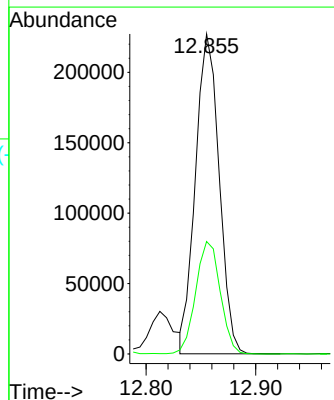
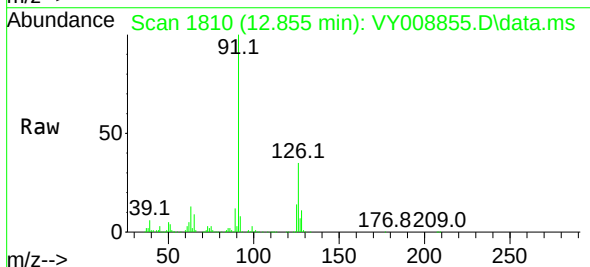
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

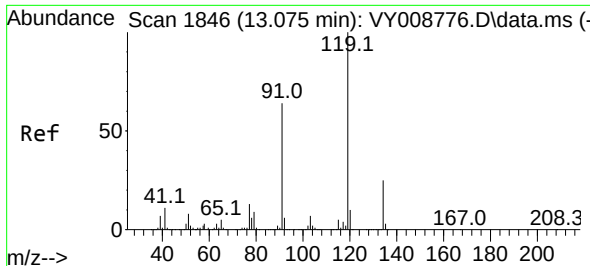
Tgt Ion: 75 Resp: 29426  
Ion Ratio Lower Upper  
75 100  
53 85.1 85.3 127.9#  
89 48.0 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 47.486 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 91 Resp: 340683  
Ion Ratio Lower Upper  
91 100  
126 36.5 17.0 51.0

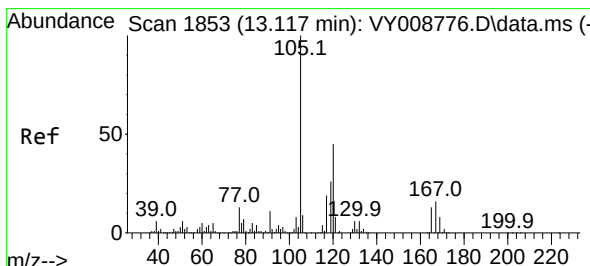
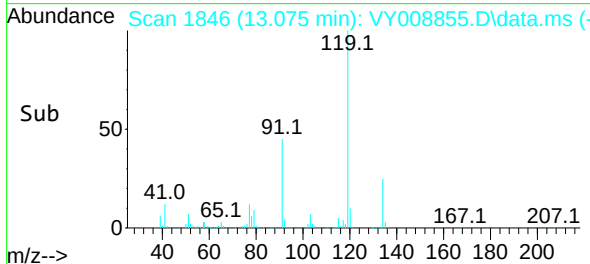
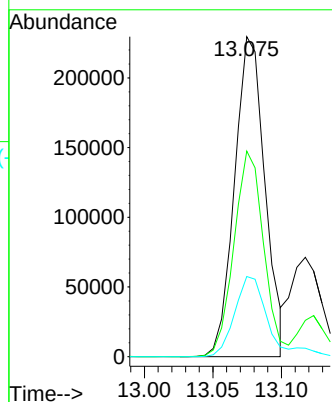
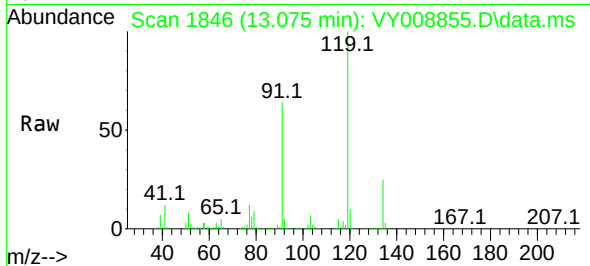




#83  
tert-Butylbenzene  
Concen: 47.834 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

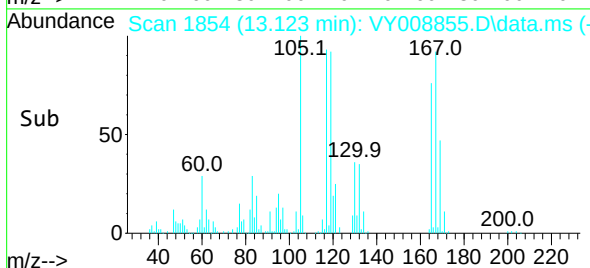
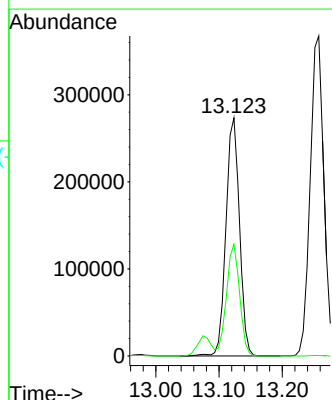
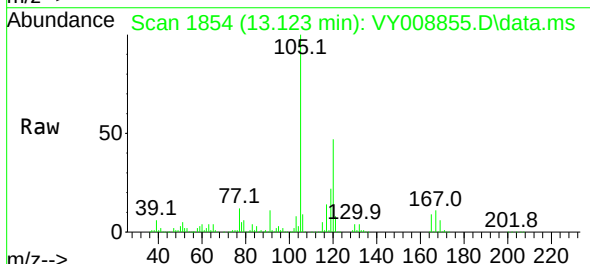
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

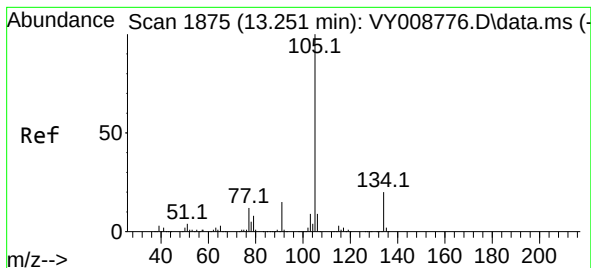
Tgt Ion:119 Resp: 354486  
Ion Ratio Lower Upper  
119 100  
91 63.1 34.8 104.4  
134 27.7 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 49.617 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion:105 Resp: 404762  
Ion Ratio Lower Upper  
105 100  
120 45.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 47.500 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

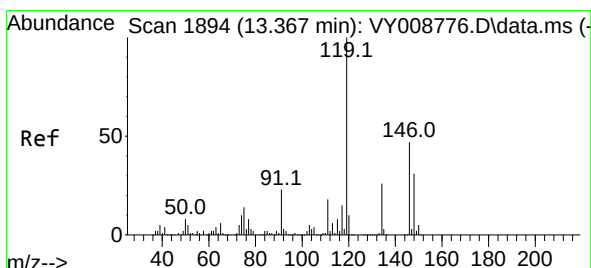
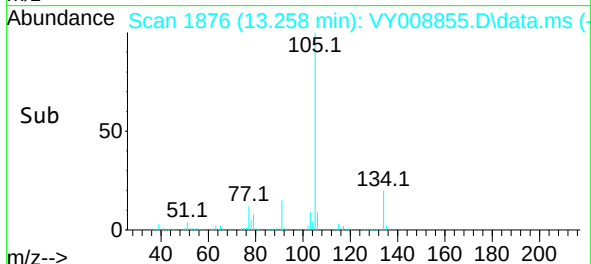
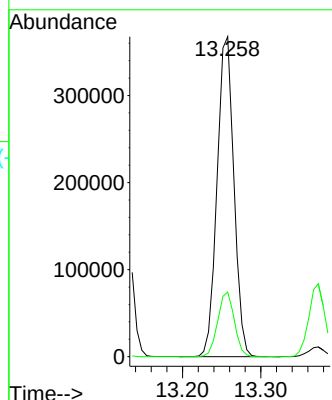
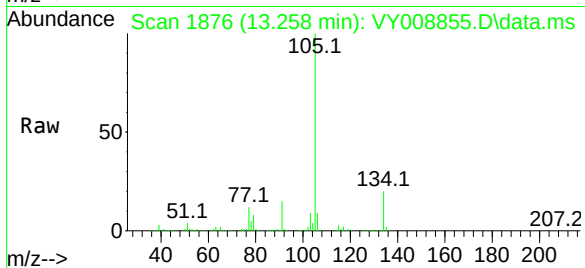
VSTDCCC050EC

Tgt Ion:105 Resp: 549200

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 48.055 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

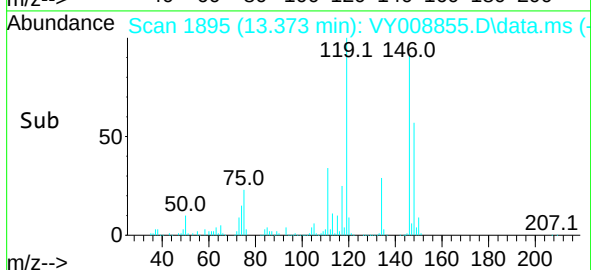
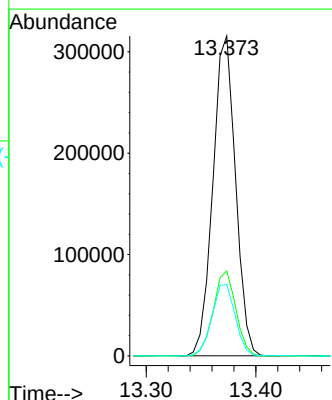
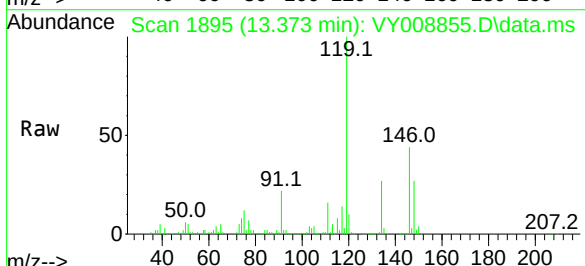
Tgt Ion:119 Resp: 453043

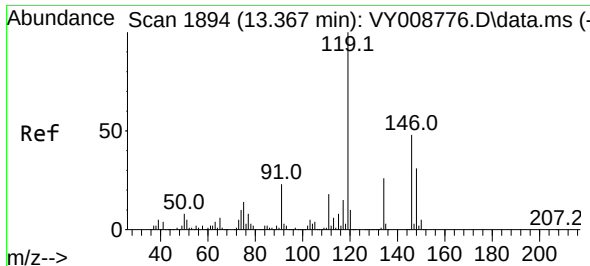
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 22.9 12.4 37.2

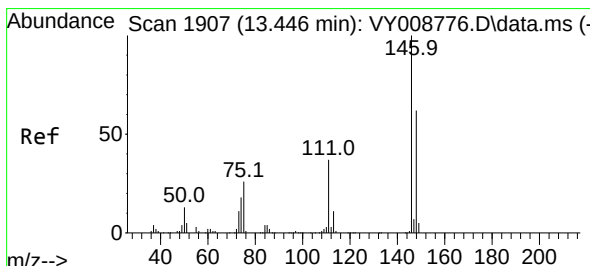
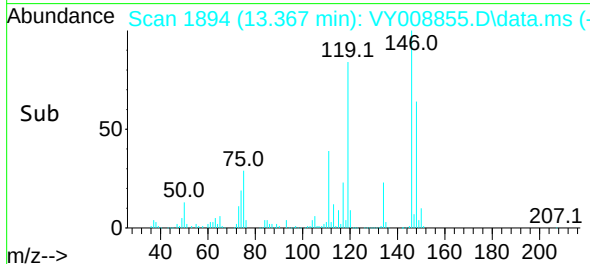
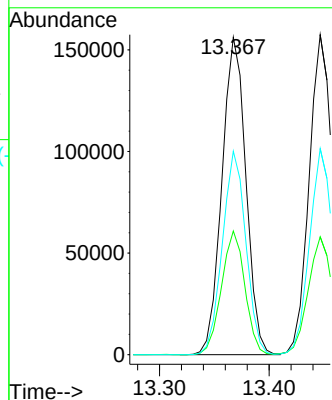
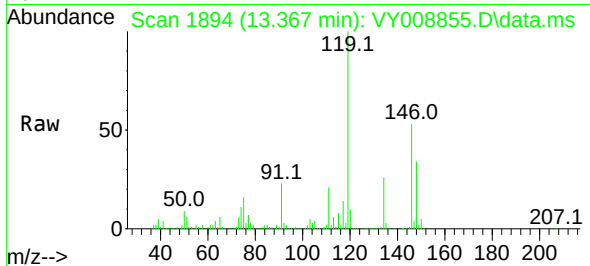




#87  
1,3-Dichlorobenzene  
Concen: 47.809 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

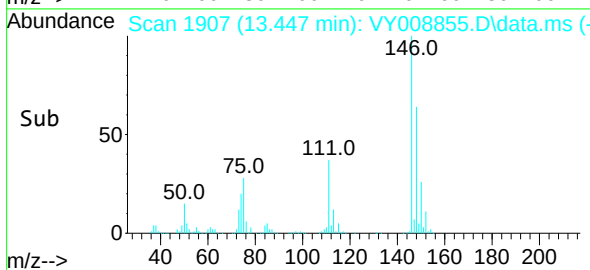
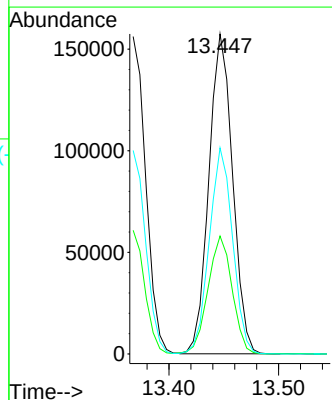
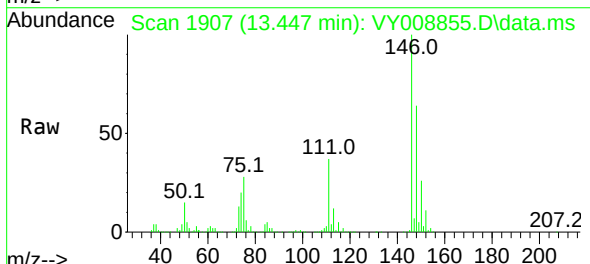
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:146 Resp: 237558  
Ion Ratio Lower Upper  
146 100  
111 38.1 19.5 58.5  
148 62.8 31.6 95.0

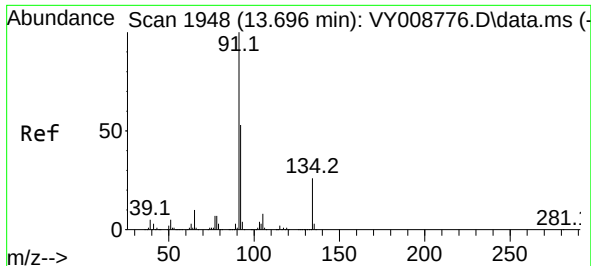


#88  
1,4-Dichlorobenzene  
Concen: 48.200 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion:146 Resp: 236902  
Ion Ratio Lower Upper  
146 100  
111 37.5 19.3 57.8  
148 63.6 32.6 97.8



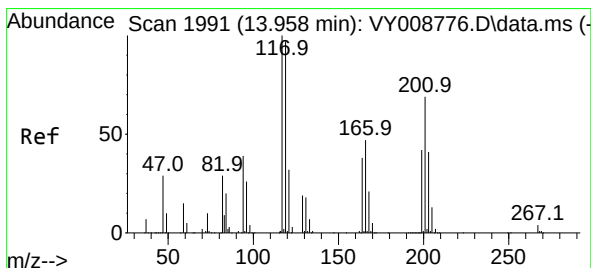
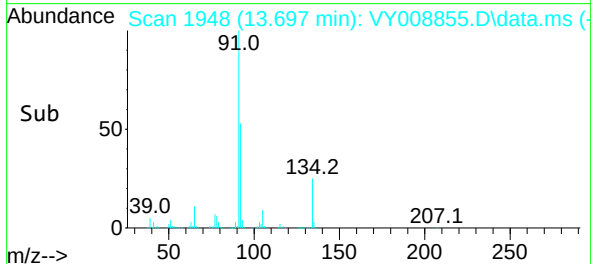
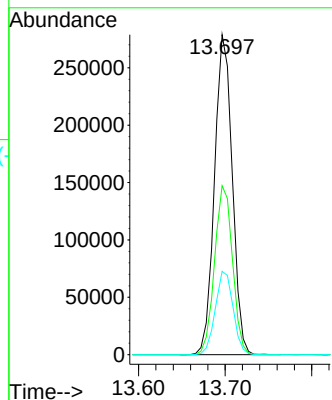
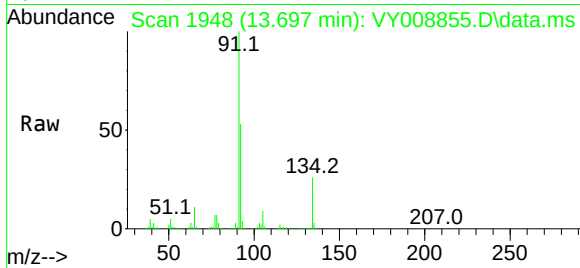




#89  
n-Butylbenzene  
Concen: 44.386 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

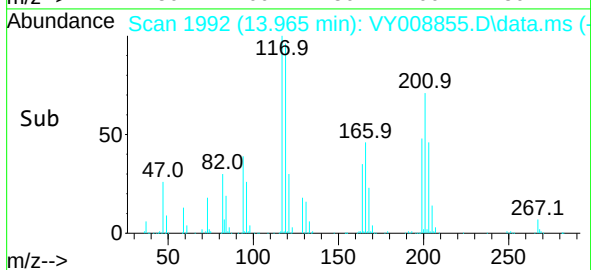
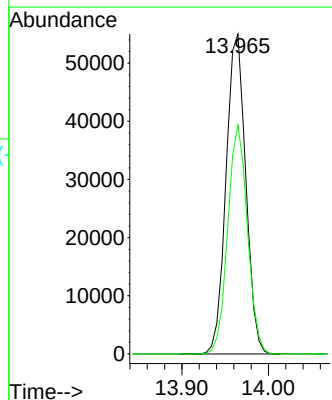
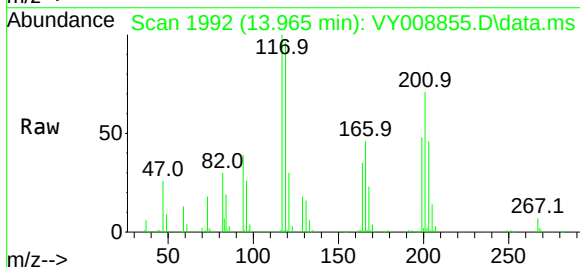
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

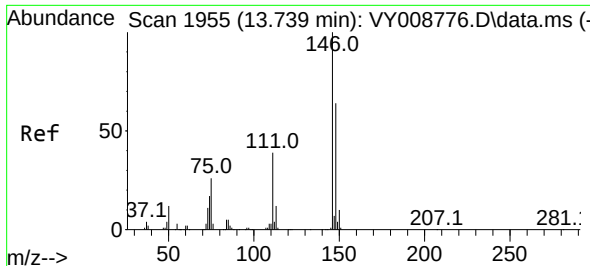
Tgt Ion: 91 Resp: 397197  
Ion Ratio Lower Upper  
91 100  
92 53.3 26.3 78.9  
134 26.1 13.0 38.9



#90  
Hexachloroethane  
Concen: 48.698 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.006 min  
Lab File: VY008855.D  
Acq: 19 May 2022 08:01

Tgt Ion: 117 Resp: 86802  
Ion Ratio Lower Upper  
117 100  
201 71.5 43.0 128.8

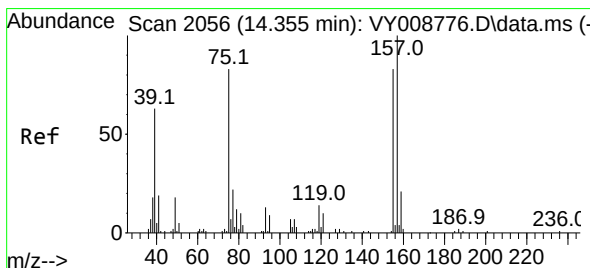
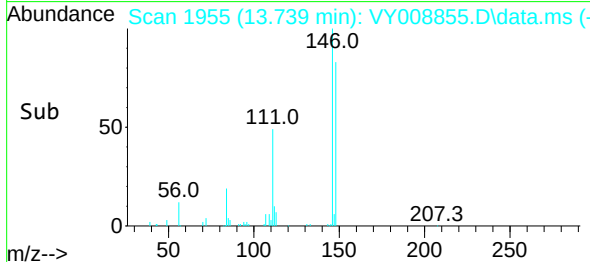
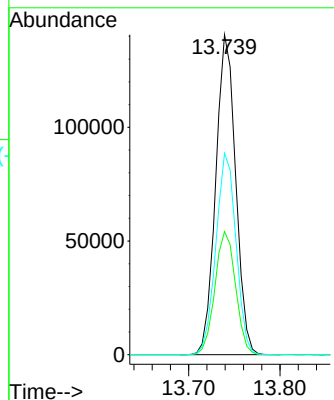
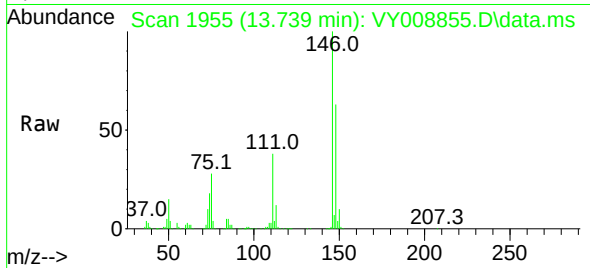




#91  
 1,2-Dichlorobenzene  
 Concen: 49.096 ug/l  
 RT: 13.739 min Scan# 1955  
 Delta R.T. 0.000 min  
 Lab File: VY008855.D  
 Acq: 19 May 2022 08:01

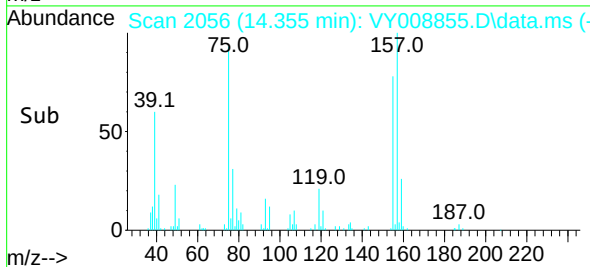
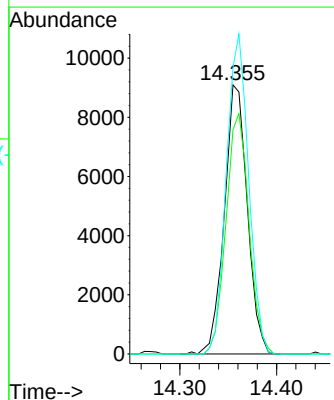
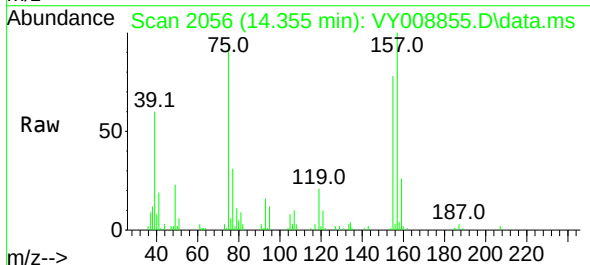
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

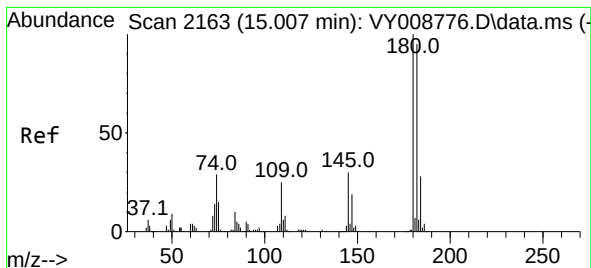
Tgt Ion:146 Resp: 213338  
 Ion Ratio Lower Upper  
 146 100  
 111 39.8 20.3 60.9  
 148 63.7 32.3 96.9



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 38.667 ug/l  
 RT: 14.355 min Scan# 2056  
 Delta R.T. 0.000 min  
 Lab File: VY008855.D  
 Acq: 19 May 2022 08:01

Tgt Ion: 75 Resp: 15001  
 Ion Ratio Lower Upper  
 75 100  
 155 89.4 38.0 113.9  
 157 115.1 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 45.812 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

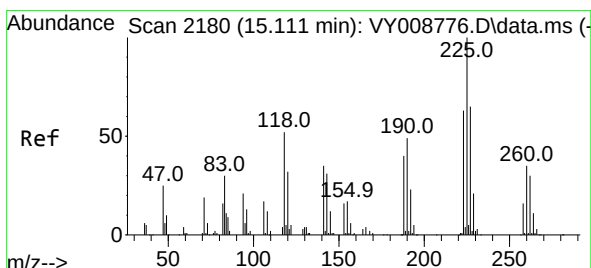
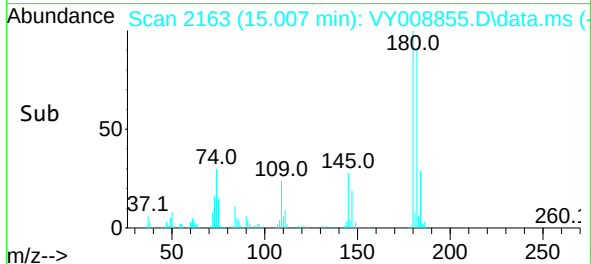
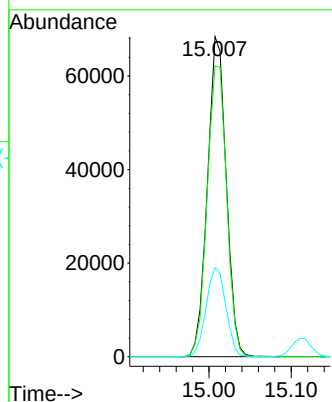
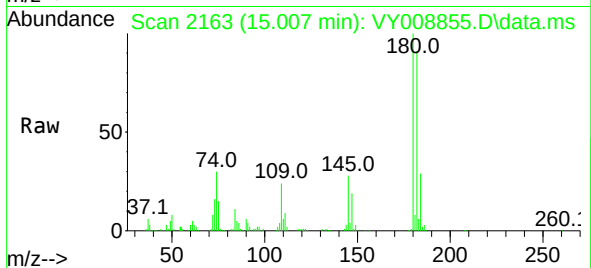
Tgt Ion:180 Resp: 108706

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 29.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 43.448 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

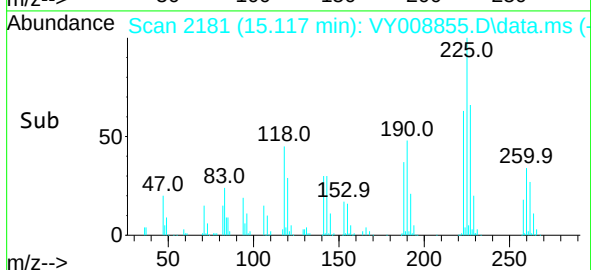
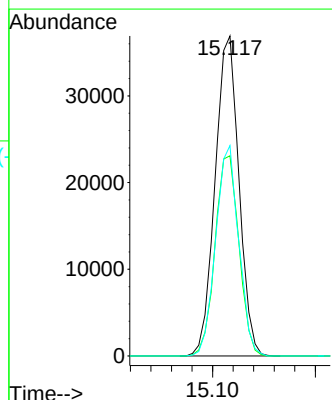
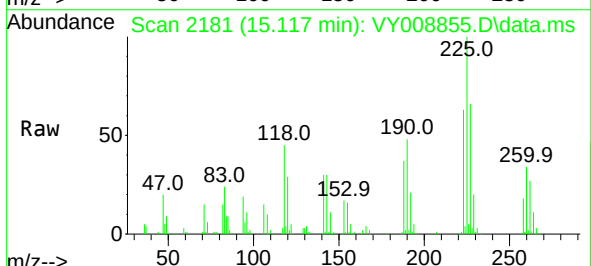
Tgt Ion:225 Resp: 59325

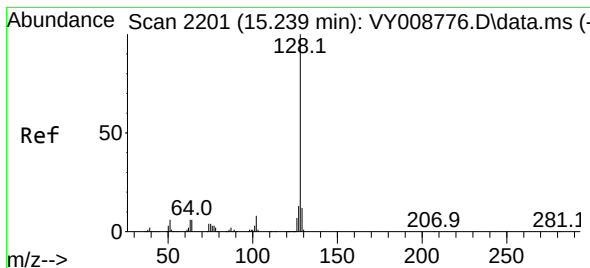
Ion Ratio Lower Upper

225 100

223 62.7 30.8 92.3

227 63.5 31.6 94.7





#95

Naphthalene

Concen: 44.611 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

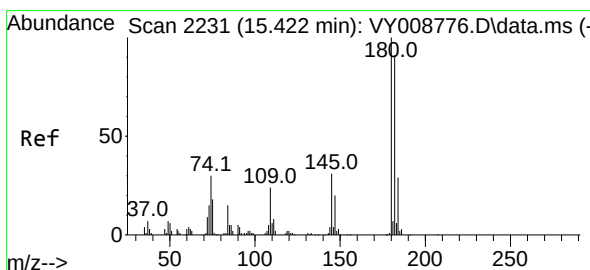
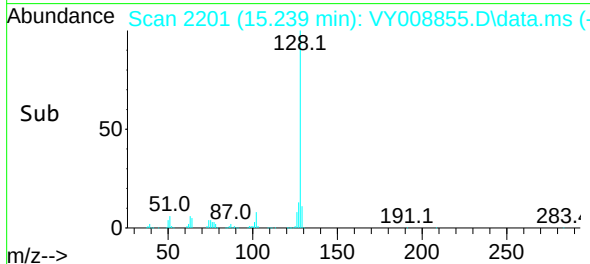
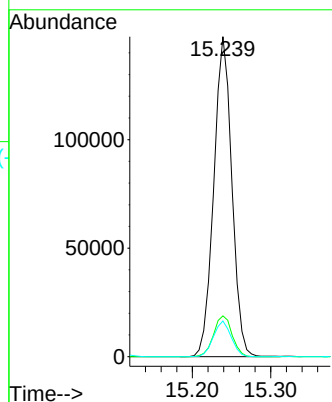
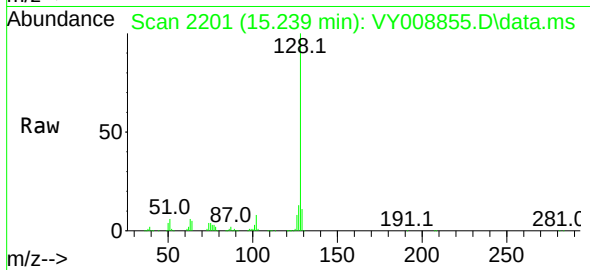
Tgt Ion:128 Resp: 236646

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 47.225 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY008855.D

Acq: 19 May 2022 08:01

Tgt Ion:180 Resp: 98440

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.9

145 31.4 15.3 45.9

