

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012522\  
 Data File : VY007285.D  
 Acq On : 25 Jan 2022 10:21  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jan 26 03:55:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:48:29 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 93307    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 154920   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 137492   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 64490    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 50216    | 43.861   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 87.720% |
| 35) Dibromofluoromethane    | 7.716  | 113   | 50306    | 48.023   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 96.040% |
| 50) Toluene-d8              | 10.185 | 98    | 175268   | 45.790   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 91.580% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 63305    | 46.494   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 92.980% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.918 | 85  | 14515  | 44.365  | ug/l   | 91  |
| 3) Chloromethane             | 2.119 | 50  | 32953  | 48.029  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.260 | 62  | 52654  | 52.729  | ug/l   | 98  |
| 5) Bromomethane              | 2.662 | 94  | 36120  | 55.861  | ug/l   | 98  |
| 6) Chloroethane              | 2.802 | 64  | 34545  | 55.445  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 3.131 | 101 | 56003  | 52.039  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.534 | 74  | 31484  | 53.127  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 3.912 | 101 | 56413  | 53.802  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.095 | 142 | 81547  | 52.583  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 26065  | 267.337 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 55032  | 52.122  | ug/l   | 100 |
| 13) Acrolein                 | 3.735 | 56  | 4931   | 207.470 | ug/l   | 100 |
| 14) Allyl chloride           | 4.479 | 41  | 85410  | 50.451  | ug/l   | 97  |
| 15) Acrylonitrile            | 5.162 | 53  | 81496  | 286.138 | ug/l   | 98  |
| 16) Acetone                  | 3.942 | 43  | 69581  | 234.179 | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.198 | 76  | 142422 | 48.574  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.473 | 43  | 54287  | 51.348  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.222 | 73  | 115762 | 55.692  | ug/l   | 96  |
| 20) Methylene Chloride       | 4.716 | 84  | 60108  | 48.922  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 59633  | 52.097  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.119 | 45  | 180777 | 52.709  | ug/l   | 99  |
| 23) Vinyl Acetate            | 6.058 | 43  | 558954 | 277.125 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.021 | 63  | 110767 | 53.092  | ug/l   | 98  |
| 25) 2-Butanone               | 6.984 | 43  | 98917  | 257.491 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 80106  | 52.684  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 68891  | 53.056  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.332 | 49  | 41673  | 55.220  | ug/l   | 100 |
| 29) Tetrahydrofuran          | 7.350 | 42  | 67852  | 274.766 | ug/l   | 99  |
| 30) Chloroform               | 7.509 | 83  | 119178 | 54.978  | ug/l   | 98  |
| 31) Cyclohexane              | 7.789 | 56  | 93372  | 48.240  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.704 | 97  | 100143 | 54.048  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 89206  | 53.319  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.076 | 43  | 48291  | 56.243  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 95353  | 54.184  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.185 | 83  | 106133 | 51.956  | ug/l   | 99  |
| 40) Benzene                  | 8.161 | 78  | 241940 | 54.212  | ug/l   | 98  |

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 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jan 26 03:55:40 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:48:29 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 64303    | 130.051  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 77659    | 55.259   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 92676    | 55.472   | ug/l   | 100      |
| 44) Trichloroethene           | 8.941  | 130  | 65227    | 54.011   | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 61441    | 54.138   | ug/l   | 95       |
| 46) Dibromomethane            | 9.307  | 93   | 37163    | 55.375   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.502  | 83   | 91729    | 55.598   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.295  | 41   | 40916    | 53.844   | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 9200     | 1271.395 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 241525   | 285.116  | ug/l   | 98       |
| 52) Toluene                   | 10.246 | 92   | 154763   | 54.709   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 97216    | 55.819   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 106440   | 54.598   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 50995    | 56.019   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 71954    | 56.107   | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 88301    | 55.649   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 142657   | 244.634  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.831 | 43   | 156348   | 271.957  | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.984 | 129  | 63474    | 56.722   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 50543    | 56.516   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 52336    | 52.809   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.520 | 112  | 165792   | 55.147   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 62561    | 56.137   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 312636   | 55.330   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 228351   | 108.749  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 109613   | 55.432   | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 188009   | 56.360   | ug/l   | 99       |
| 71) Bromoform                 | 12.215 | 173  | 37586    | 58.307   | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.331 | 105  | 294995   | 52.961   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 80978    | 54.366   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 59574    | 55.002   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 78579    | 106.858  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 64911    | 53.557   | ug/l   | 98       |
| 78) n-propylbenzene           | 12.672 | 91   | 361103   | 52.297   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 200055   | 52.110   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 241191   | 52.737   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 22221    | 55.321   | ug/l # | 97       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 208462   | 52.054   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 215471   | 54.524   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 238102   | 52.523   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 311400   | 52.672   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 257615   | 53.024   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 128144   | 54.017   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 126449   | 53.008   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.697 | 91   | 256608   | 53.641   | ug/l   | 98       |
| 90) Hexachloroethane          | 13.965 | 117  | 51900    | 54.641   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 110973   | 52.575   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 9696     | 51.831   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 69638    | 54.253   | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 35320    | 53.391   | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 150596   | 55.239   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 59369    | 54.214   | ug/l   | 99       |

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Acq On : 25 Jan 2022 10:21  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

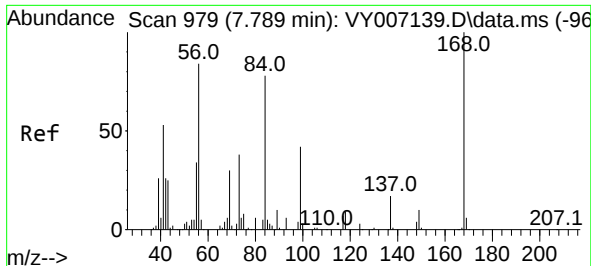
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jan 26 03:55:40 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 14 05:48:29 2022  
Response via : Initial Calibration

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

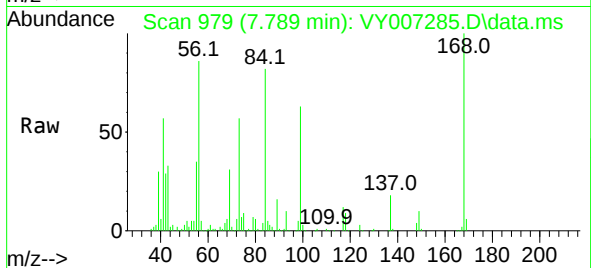
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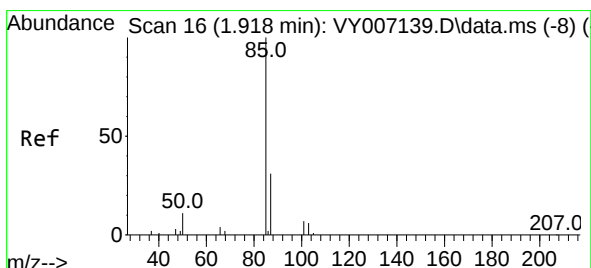
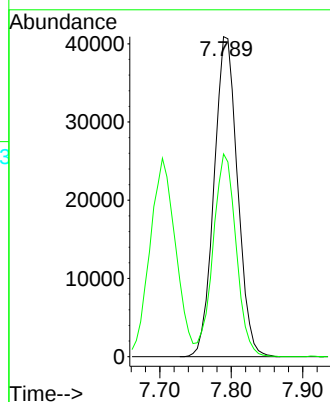
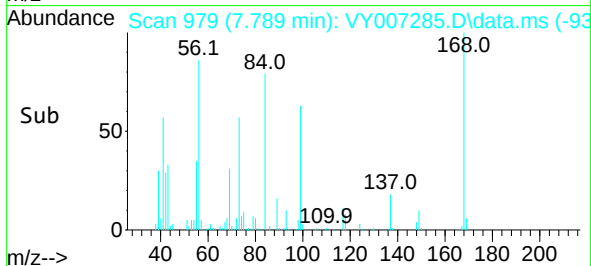


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

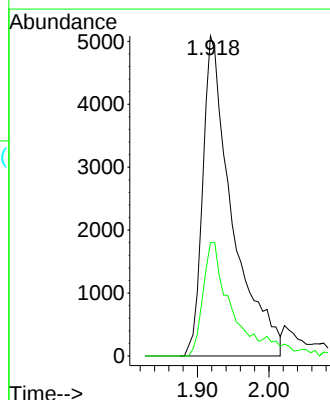
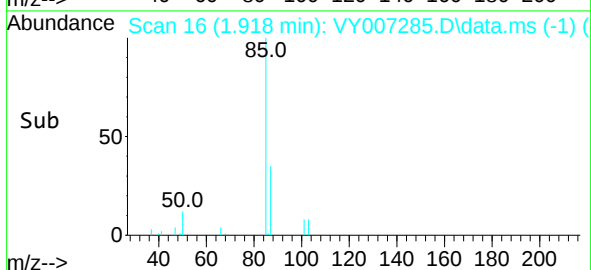
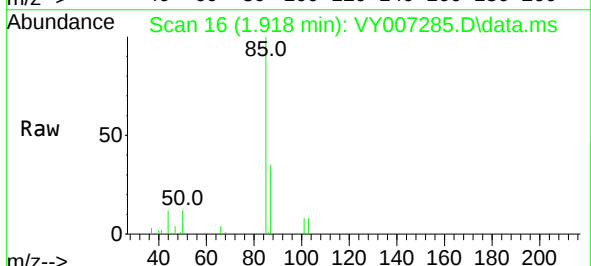


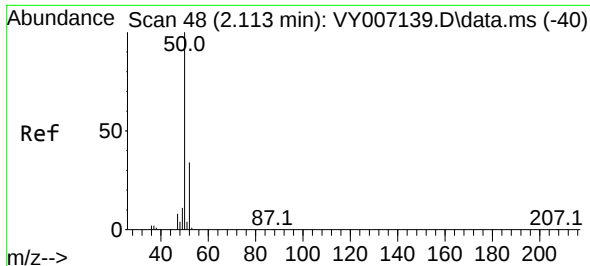
Tgt Ion:168 Resp: 93307  
Ion Ratio Lower Upper  
168 100  
99 63.4 49.1 73.7



#2  
Dichlorodifluoromethane  
Concen: 44.365 ug/l  
RT: 1.918 min Scan# 16  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion: 85 Resp: 14515  
Ion Ratio Lower Upper  
85 100  
87 35.4 15.2 45.6

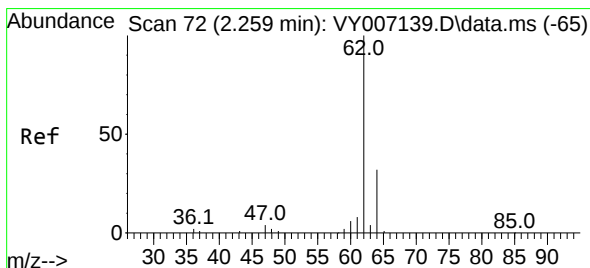
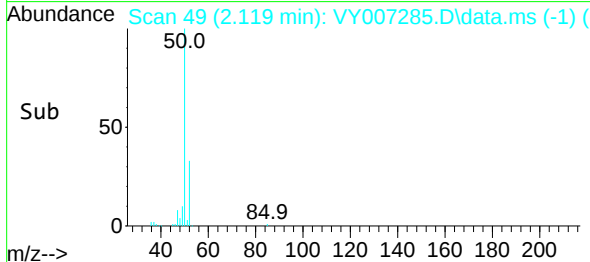
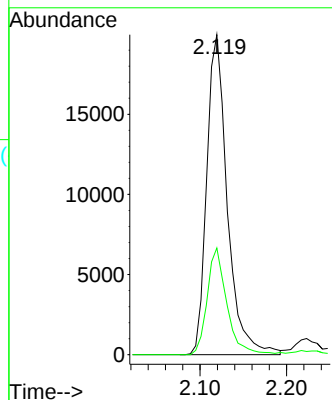
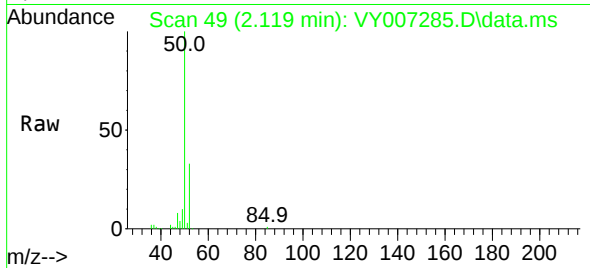




#3  
Chloromethane  
Concen: 48.029 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.007 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

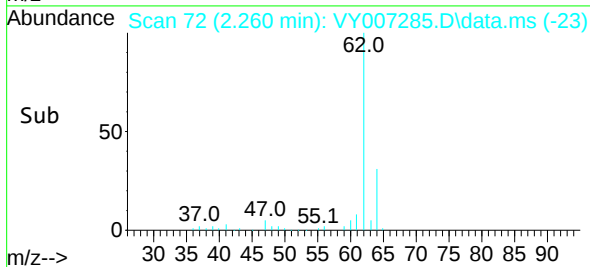
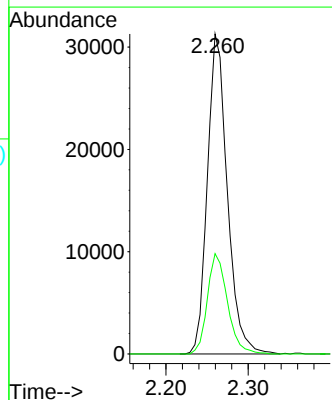
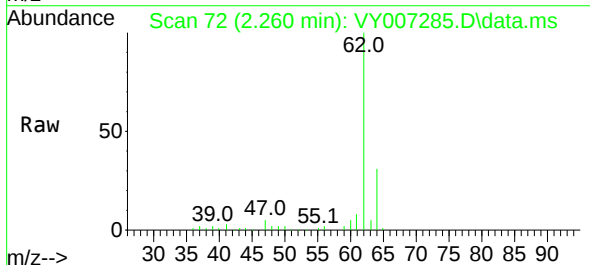
Instrument :  
MSVOA\_Y  
ClientSampleId :

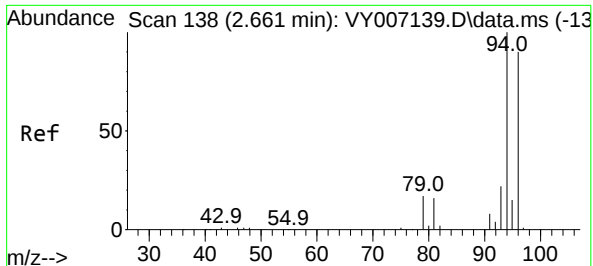
Tgt Ion: 50 Resp: 32953  
Ion Ratio Lower Upper  
50 100  
52 33.4 27.1 40.7



#4  
Vinyl Chloride  
Concen: 52.729 ug/l  
RT: 2.260 min Scan# 72  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

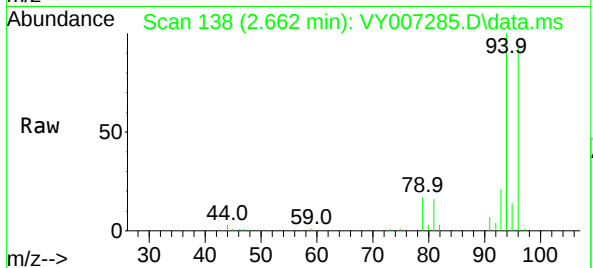
Tgt Ion: 62 Resp: 52654  
Ion Ratio Lower Upper  
62 100  
64 31.3 26.1 39.1



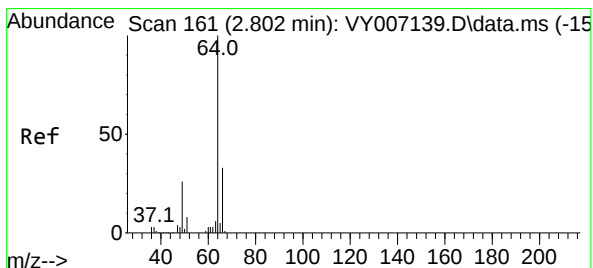
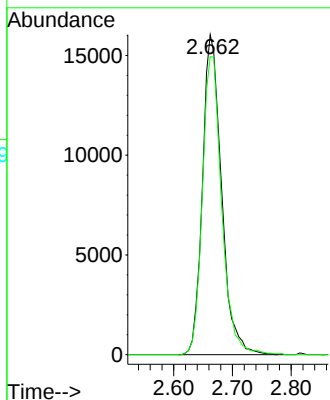
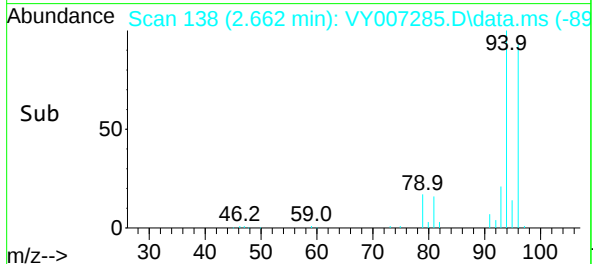


#5  
Bromomethane  
Concen: 55.861 ug/l  
RT: 2.662 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

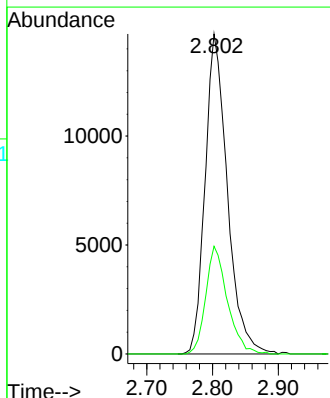
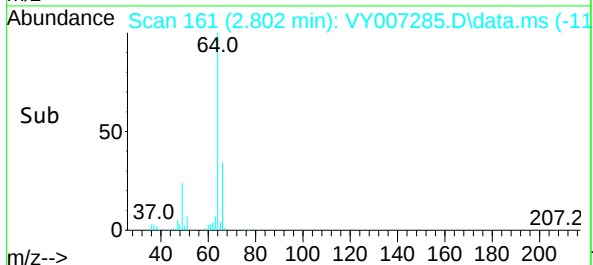
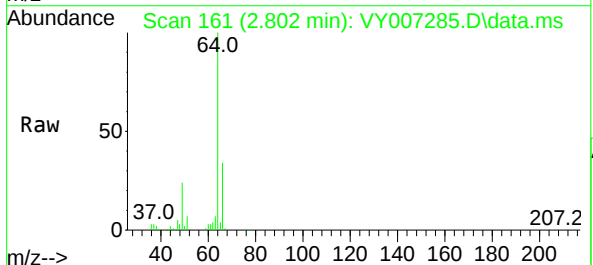


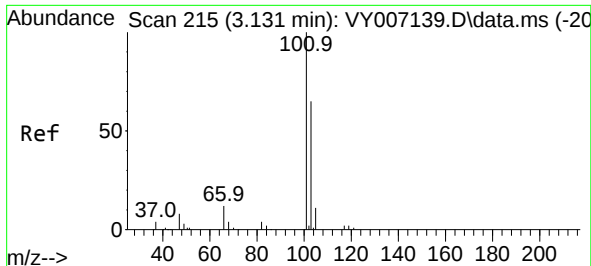
Tgt Ion: 94 Resp: 36120  
Ion Ratio Lower Upper  
94 100  
96 93.1 75.8 113.6



#6  
Chloroethane  
Concen: 55.445 ug/l  
RT: 2.802 min Scan# 161  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

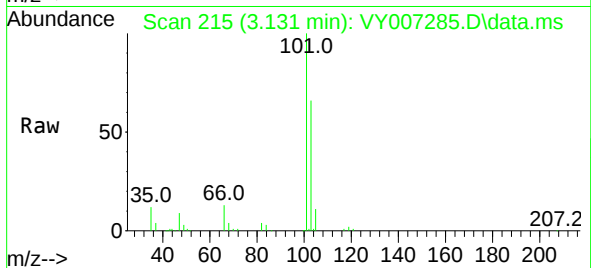
Tgt Ion: 64 Resp: 34545  
Ion Ratio Lower Upper  
64 100  
66 33.7 24.8 37.2



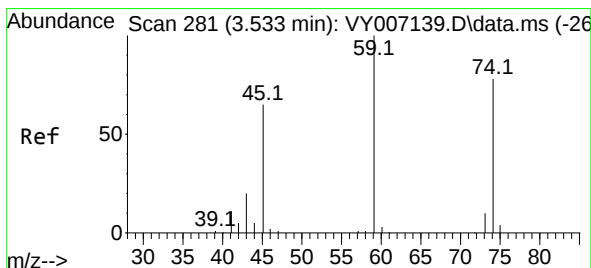
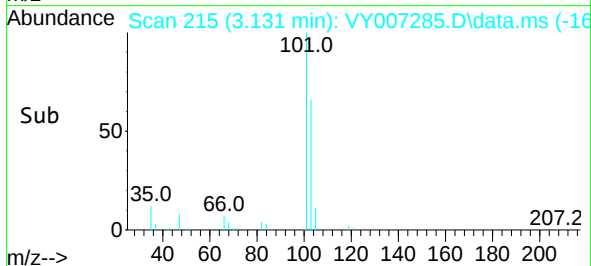
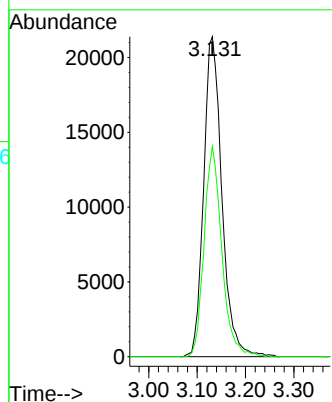


#7  
 Trichlorofluoromethane  
 Concen: 52.039 ug/l  
 RT: 3.131 min Scan# 215  
 Delta R.T. 0.001 min  
 Lab File: VY007285.D  
 Acq: 25 Jan 2022 10:21

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

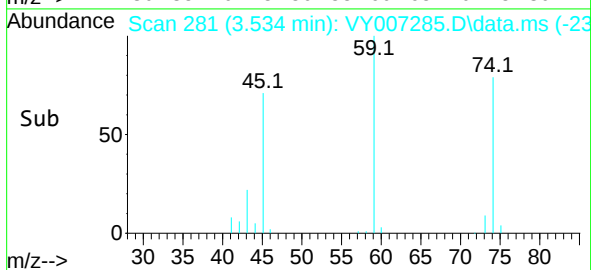
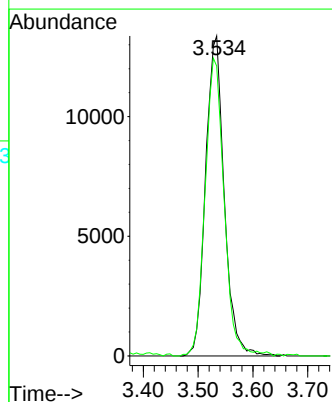
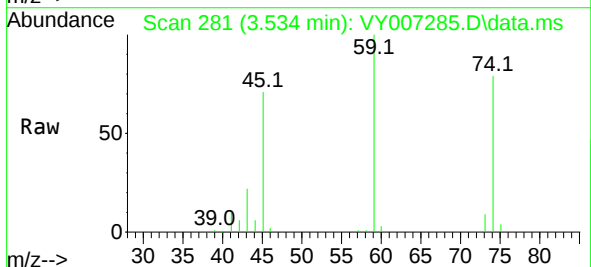


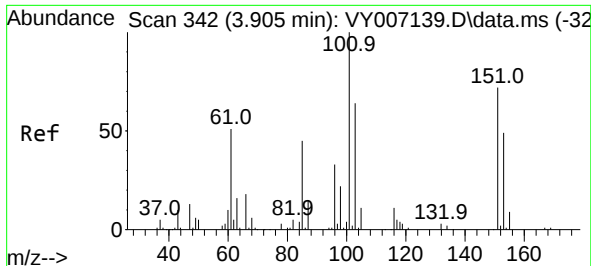
Tgt Ion:101 Resp: 56003  
 Ion Ratio Lower Upper  
 101 100  
 103 65.7 50.6 76.0



#8  
 Diethyl Ether  
 Concen: 53.127 ug/l  
 RT: 3.534 min Scan# 281  
 Delta R.T. 0.001 min  
 Lab File: VY007285.D  
 Acq: 25 Jan 2022 10:21

Tgt Ion: 74 Resp: 31484  
 Ion Ratio Lower Upper  
 74 100  
 45 95.2 46.1 138.3

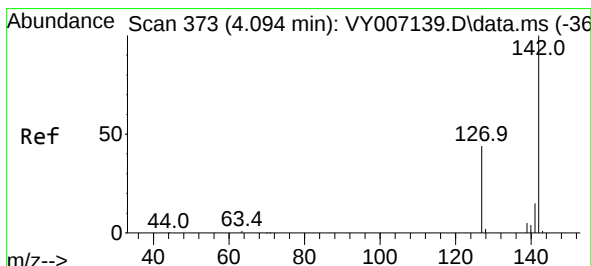
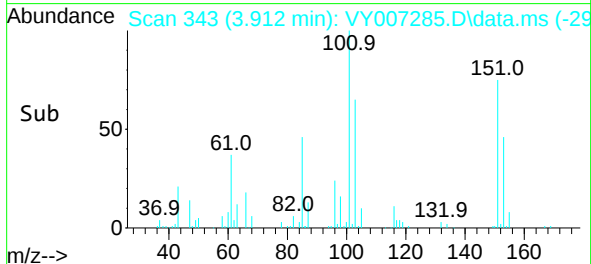
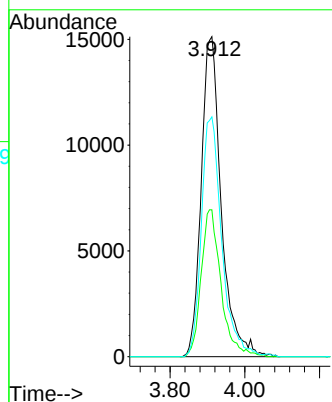
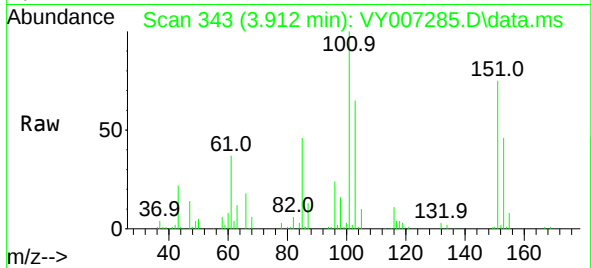




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 53.802 ug/l  
RT: 3.912 min Scan# 342  
Delta R.T. 0.007 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

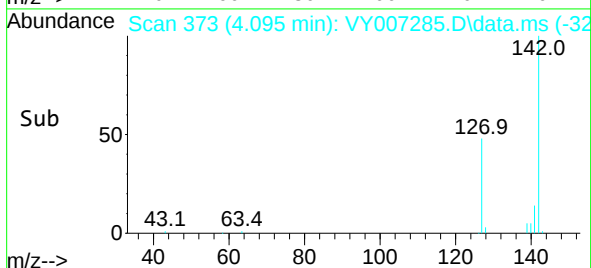
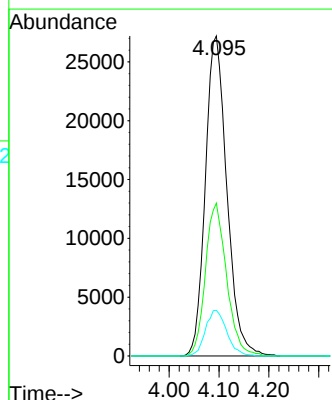
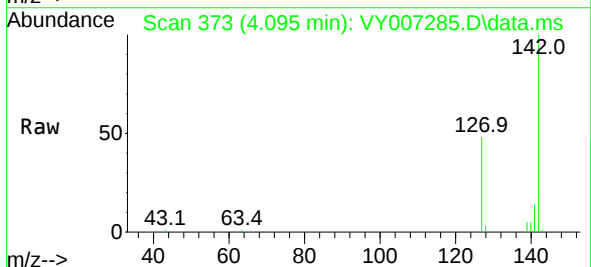
Instrument :  
MSVOA\_Y  
ClientSampleId :

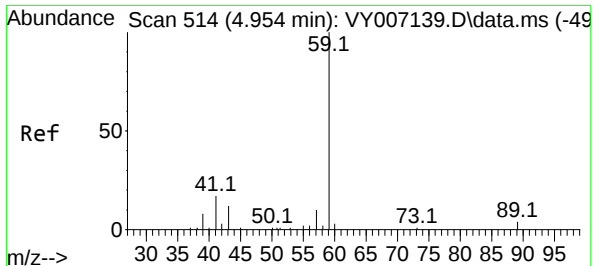
Tgt Ion:101 Resp: 56413  
Ion Ratio Lower Upper  
101 100  
85 45.4 35.4 53.0  
151 76.0 60.4 90.6



#10  
Methyl Iodide  
Concen: 52.583 ug/l  
RT: 4.095 min Scan# 373  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion:142 Resp: 81547  
Ion Ratio Lower Upper  
142 100  
127 46.9 36.2 54.4  
141 14.1 11.5 17.3

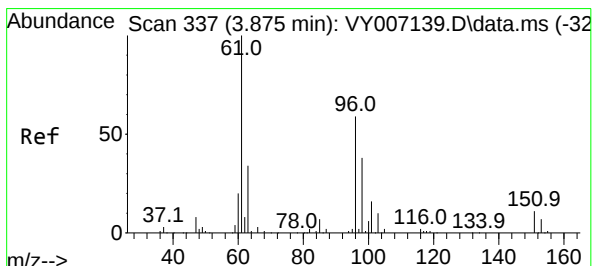
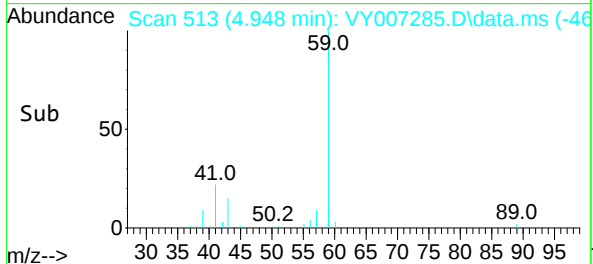
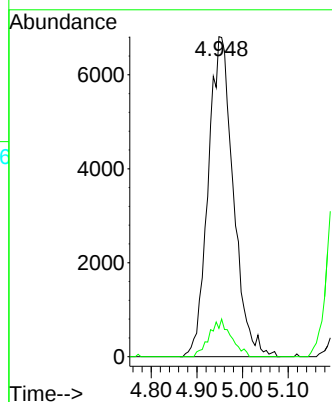
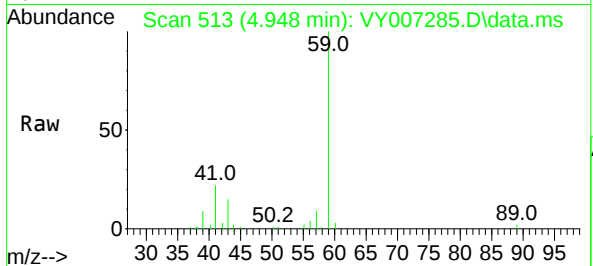




#11  
Tert butyl alcohol  
Concen: 267.337 ug/l  
RT: 4.948 min Scan# 514  
Delta R.T. -0.006 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

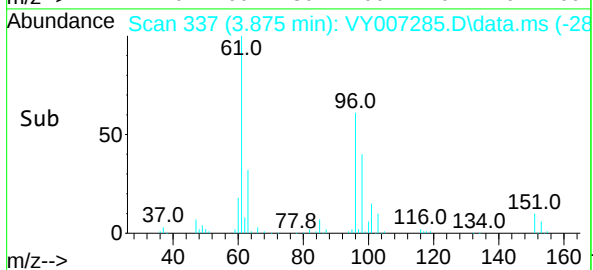
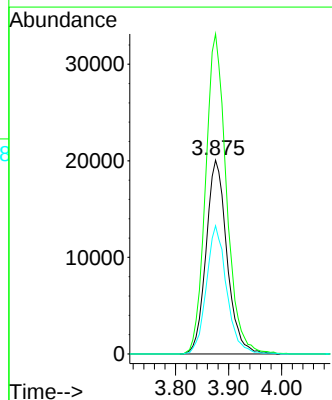
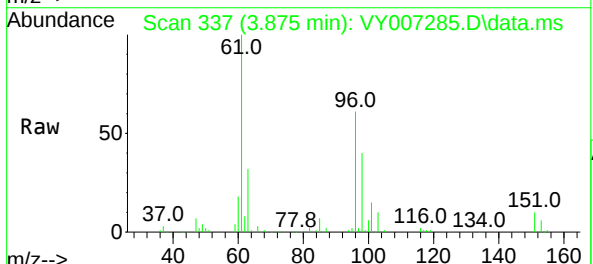
Instrument :  
MSVOA\_Y  
ClientSampleId :

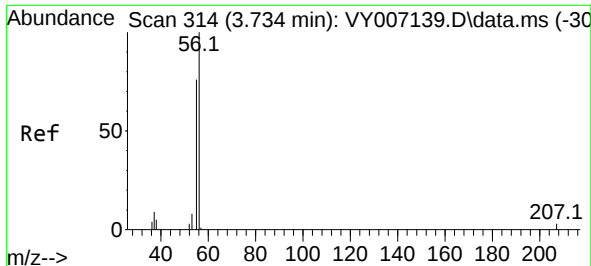
Tgt Ion: 59 Resp: 26065  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 52.122 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

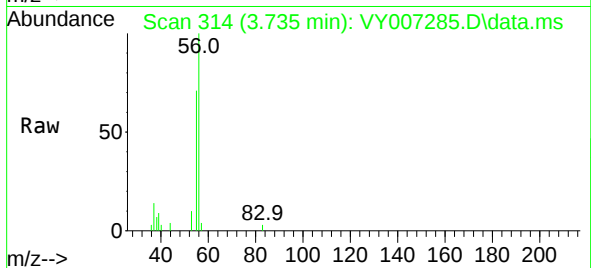
Tgt Ion: 96 Resp: 55032  
Ion Ratio Lower Upper  
96 100  
61 165.2 131.9 197.9  
98 66.1 52.7 79.1



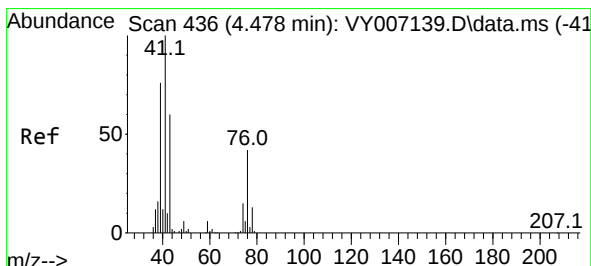
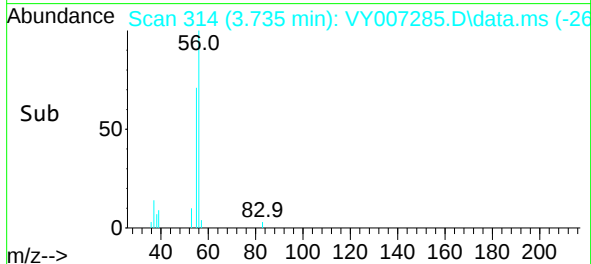
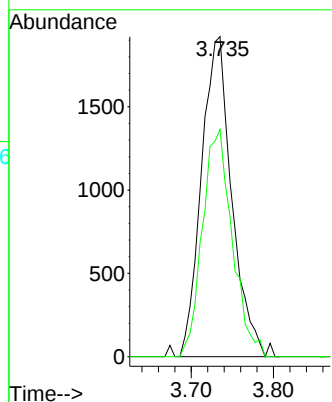


#13  
Acrolein  
Concen: 207.470 ug/l  
RT: 3.735 min Scan# 314  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

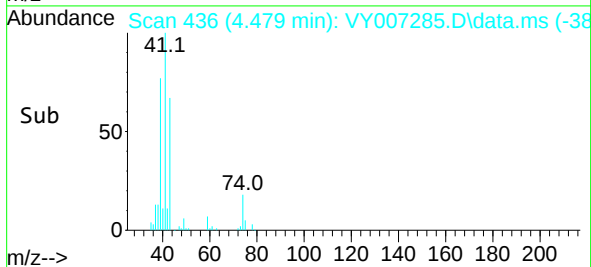
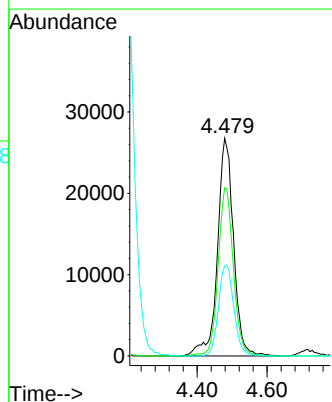
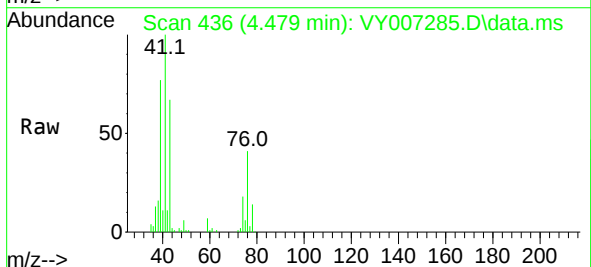


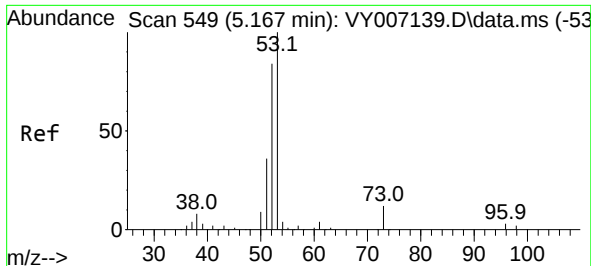
Tgt Ion: 56 Resp: 4931  
Ion Ratio Lower Upper  
56 100  
55 69.7 55.7 83.5



#14  
Allyl chloride  
Concen: 50.451 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion: 41 Resp: 85410  
Ion Ratio Lower Upper  
41 100  
39 73.6 56.1 84.1  
76 39.9 31.4 47.2

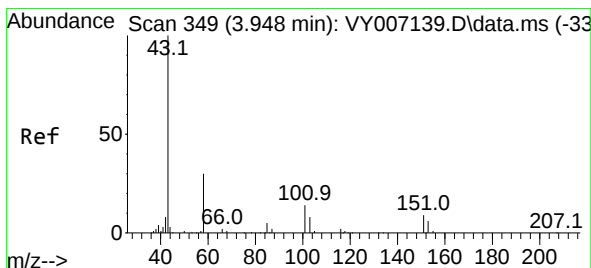
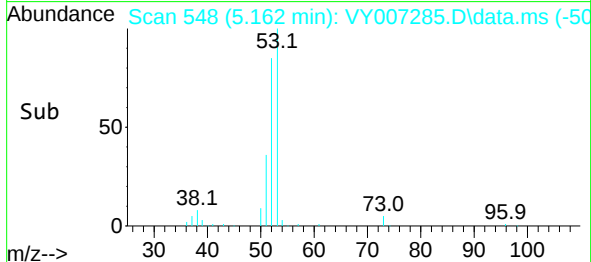
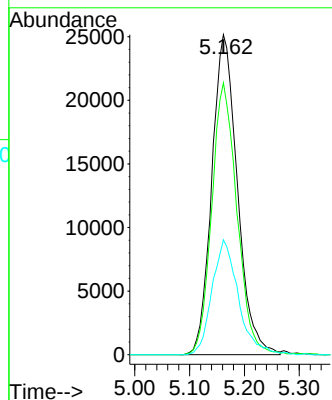
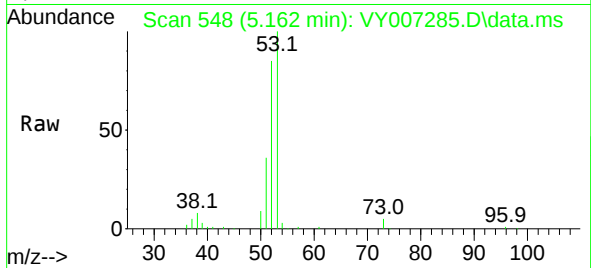




#15  
Acrylonitrile  
Concen: 286.138 ug/l  
RT: 5.162 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

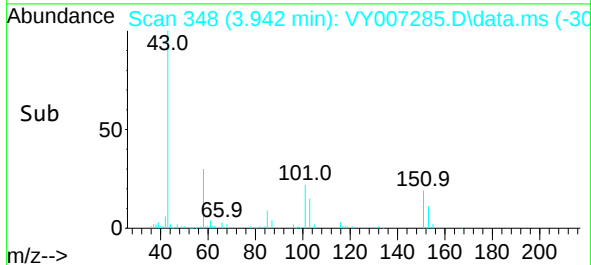
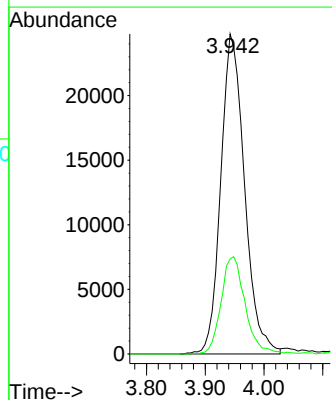
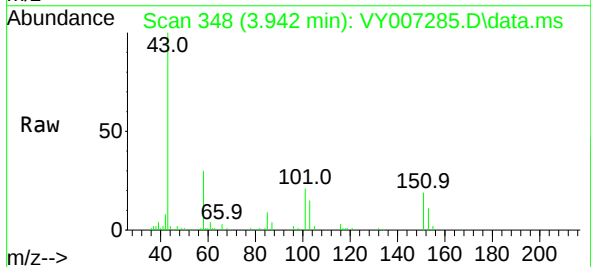
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 53 Resp: 81496  
Ion Ratio Lower Upper  
53 100  
52 83.6 65.4 98.2  
51 37.1 29.4 44.2



#16  
Acetone  
Concen: 234.179 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.006 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion: 43 Resp: 69581  
Ion Ratio Lower Upper  
43 100  
58 29.7 23.8 35.6

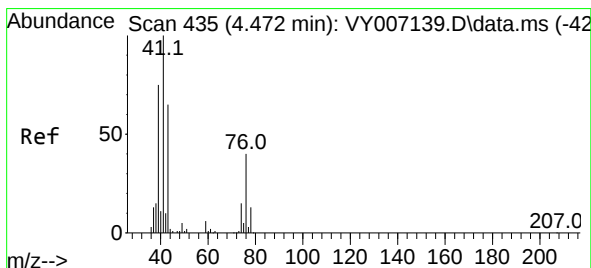
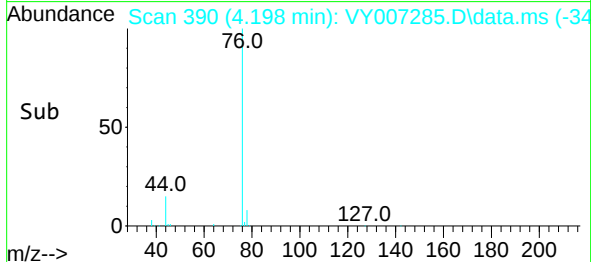
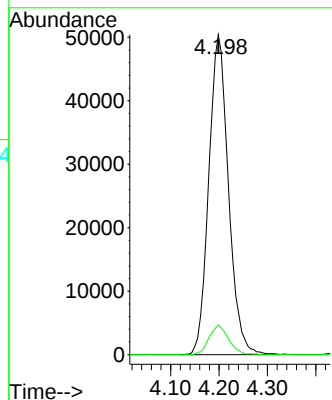
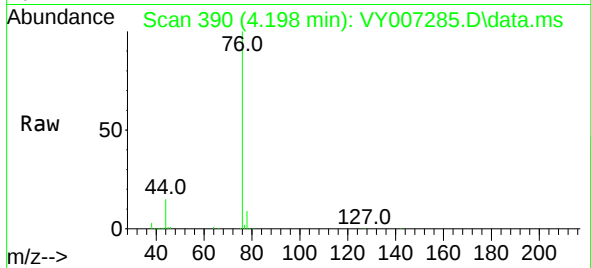




#17  
Carbon Disulfide  
Concen: 48.574 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

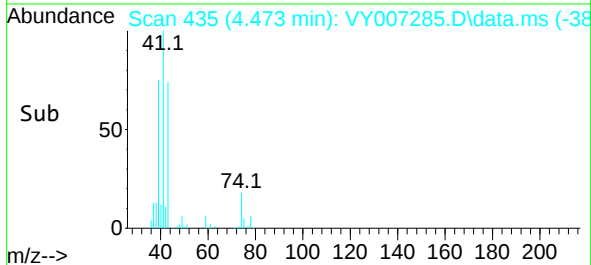
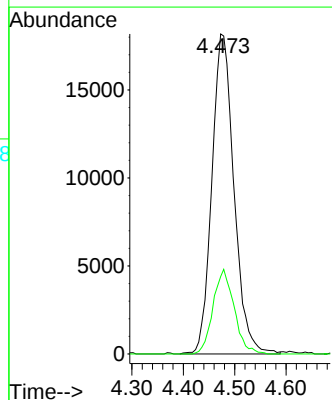
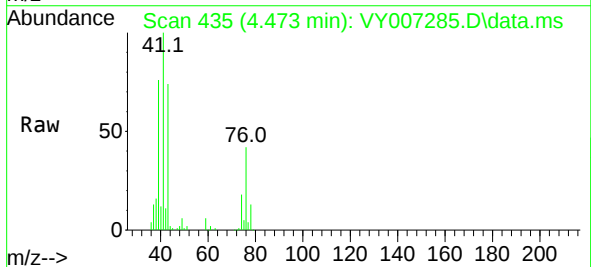
Instrument :  
MSVOA\_Y  
ClientSampleId :

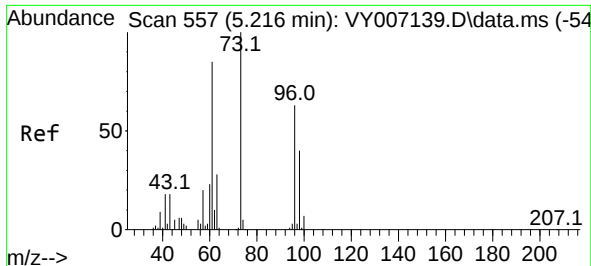
Tgt Ion: 76 Resp: 142422  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.2 10.8



#18  
Methyl Acetate  
Concen: 51.348 ug/l  
RT: 4.473 min Scan# 435  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion: 43 Resp: 54287  
Ion Ratio Lower Upper  
43 100  
74 25.3 20.9 31.3





#19

Methyl tert-butyl Ether

Concen: 55.692 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.007 min

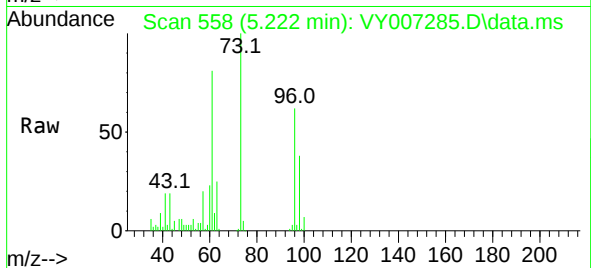
Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Instrument :

MSVOA\_Y

ClientSampleId :

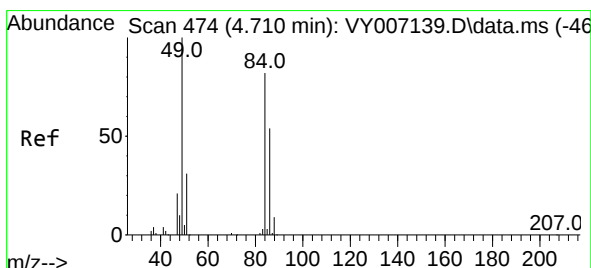
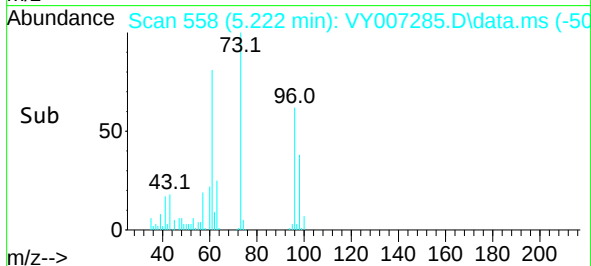
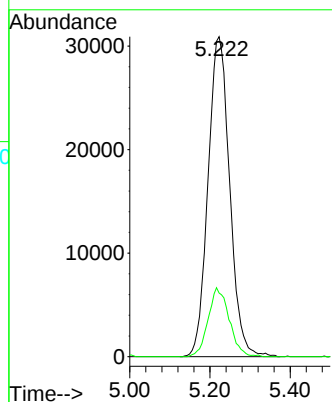


Tgt Ion: 73 Resp: 115762

Ion Ratio Lower Upper

73 100

57 19.9 17.4 26.2



#20

Methylene Chloride

Concen: 48.922 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.007 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Tgt Ion: 84 Resp: 60108

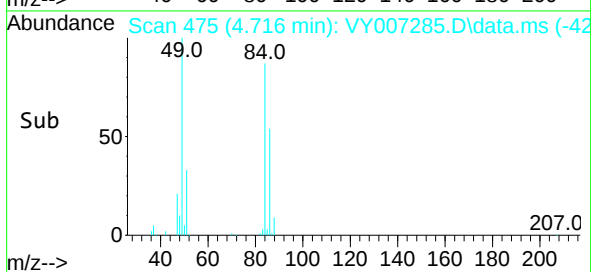
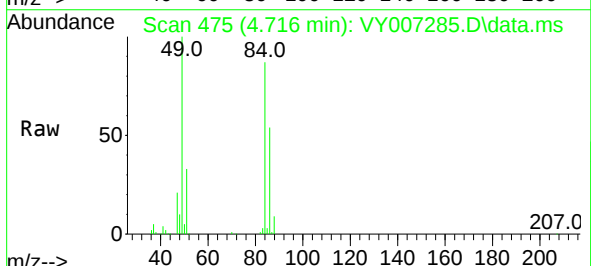
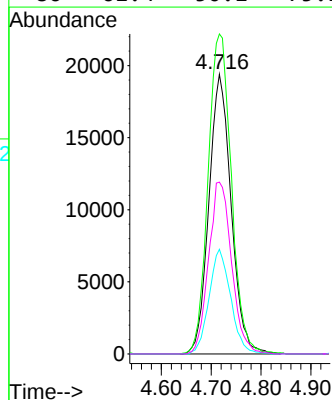
Ion Ratio Lower Upper

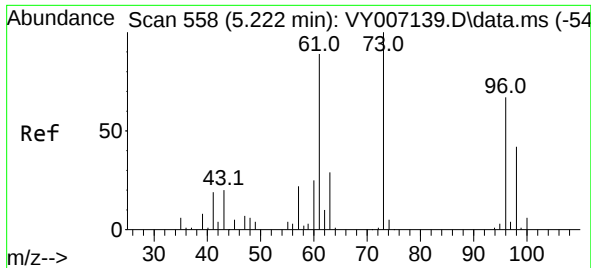
84 100

49 114.4 92.6 139.0

51 37.4 28.6 42.8

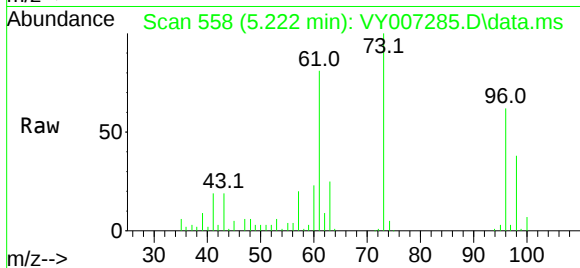
86 61.4 50.1 75.1





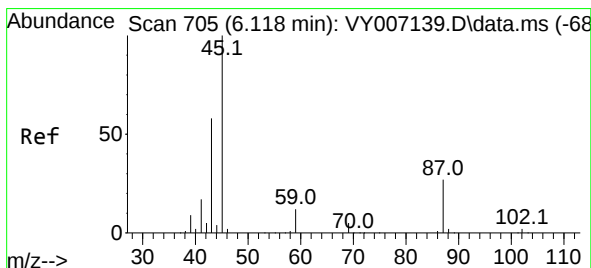
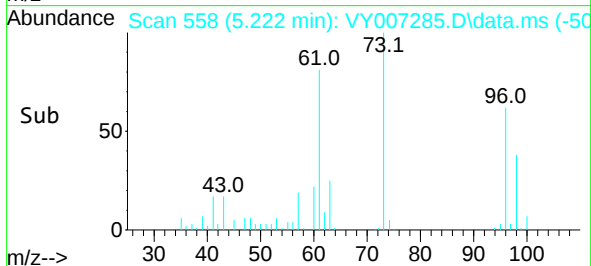
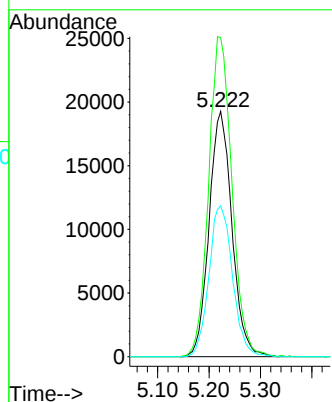
#21  
trans-1,2-Dichloroethene  
Concen: 52.097 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 96 Resp: 59633

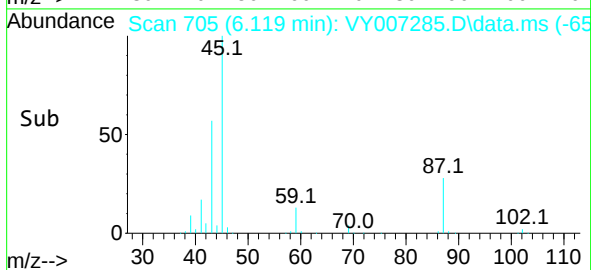
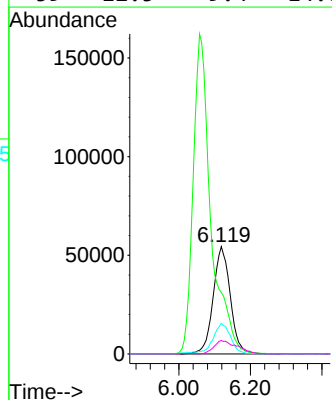
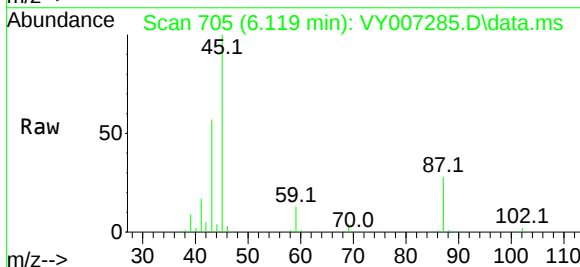
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 130.1 | 107.3 | 160.9 |
| 98  | 61.5  | 52.4  | 78.6  |

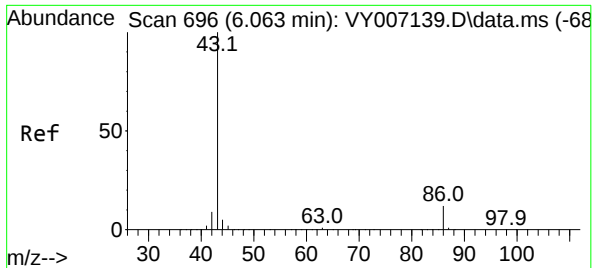


#22  
Diisopropyl ether  
Concen: 52.709 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion: 45 Resp: 180777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 43  | 56.8  | 45.6  | 68.4  |
| 87  | 28.5  | 22.2  | 33.2  |
| 59  | 12.5  | 9.4   | 14.0  |

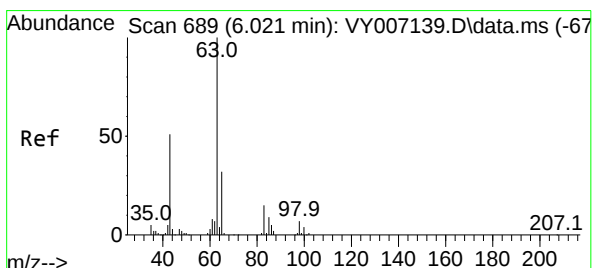
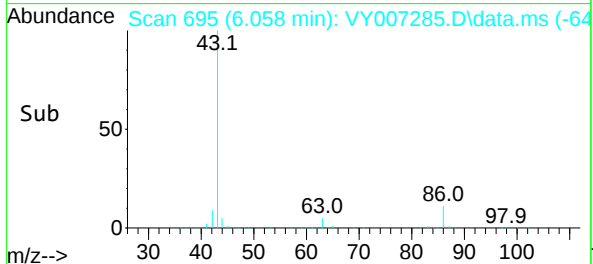
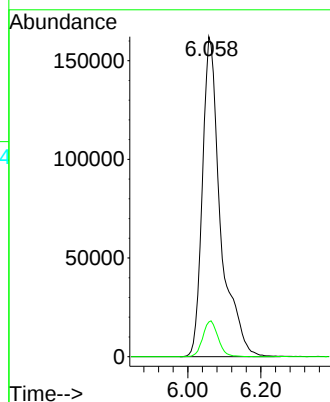
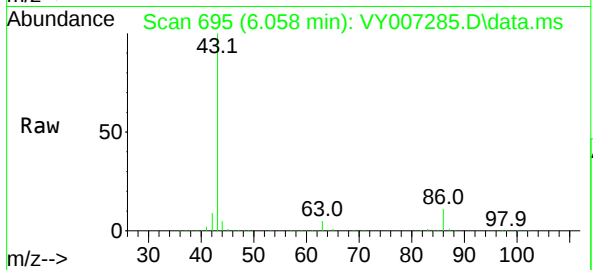




#23  
 Vinyl Acetate  
 Concen: 277.125 ug/l  
 RT: 6.058 min Scan# 696  
 Delta R.T. -0.006 min  
 Lab File: VY007285.D  
 Acq: 25 Jan 2022 10:21

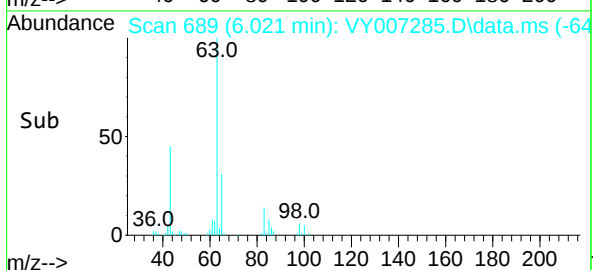
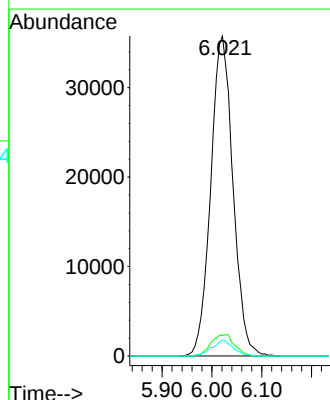
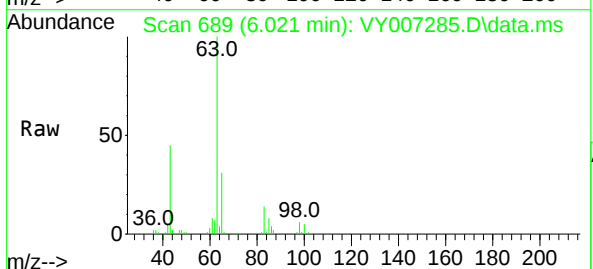
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 43 Resp: 558954  
 Ion Ratio Lower Upper  
 43 100  
 86 10.8 9.0 13.6



#24  
 1,1-Dichloroethane  
 Concen: 53.092 ug/l  
 RT: 6.021 min Scan# 689  
 Delta R.T. 0.001 min  
 Lab File: VY007285.D  
 Acq: 25 Jan 2022 10:21

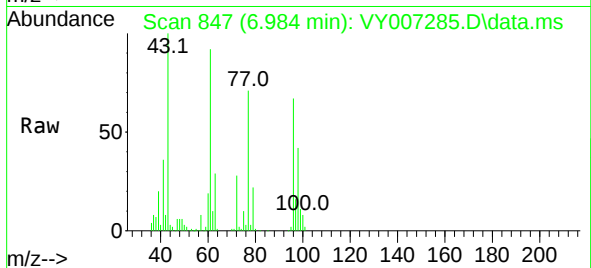
Tgt Ion: 63 Resp: 110767  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.5 10.6  
 100 5.0 2.1 6.2



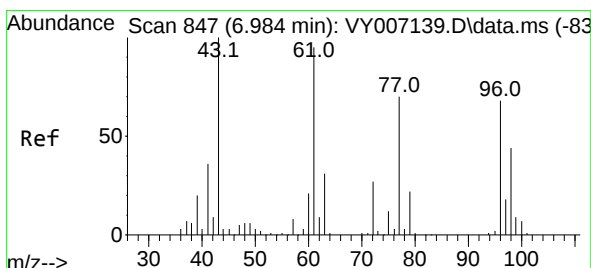
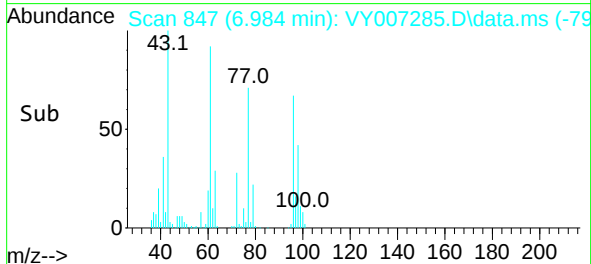
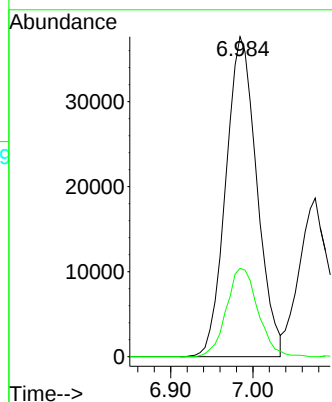


#25  
2-Butanone  
Concen: 257.491 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

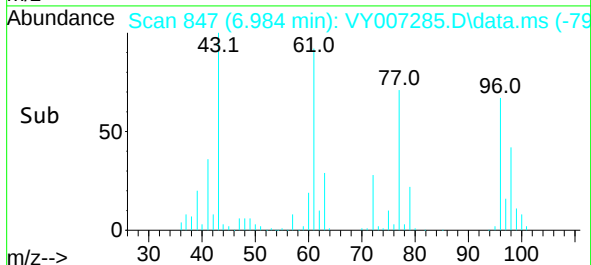
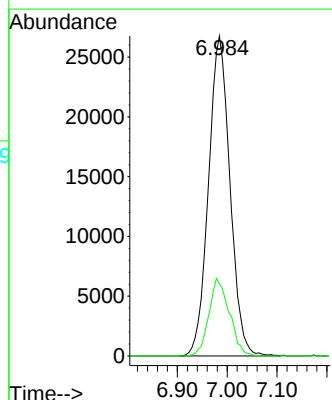
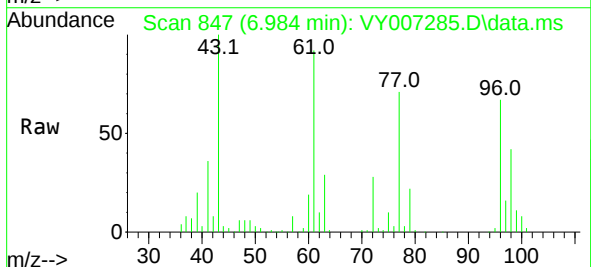


Tgt Ion: 43 Resp: 98917  
Ion Ratio Lower Upper  
43 100  
72 27.6 21.9 32.9



#26  
2,2-Dichloropropane  
Concen: 52.684 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion: 77 Resp: 80106  
Ion Ratio Lower Upper  
77 100  
97 23.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 53.056 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.001 min

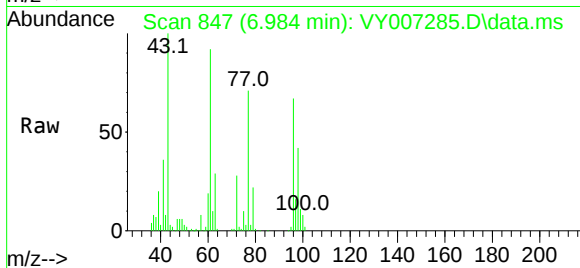
Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Instrument :

MSVOA\_Y

ClientSampleId :



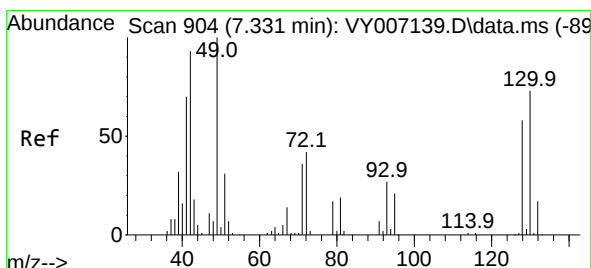
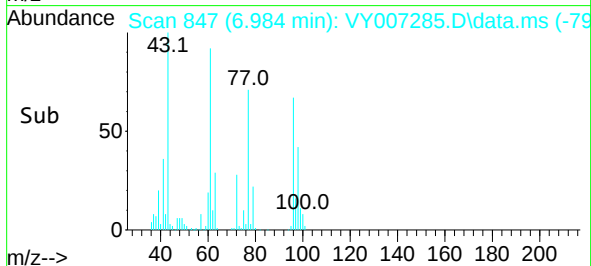
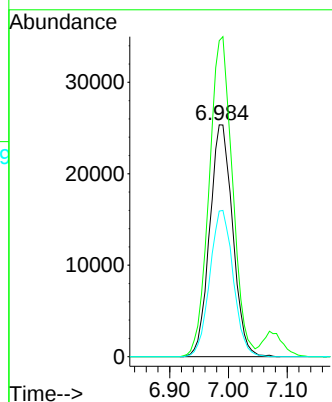
Tgt Ion: 96 Resp: 68891

Ion Ratio Lower Upper

96 100

61 140.1 0.0 276.8

98 64.4 0.0 127.8



#28

Bromochloromethane

Concen: 55.220 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.001 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

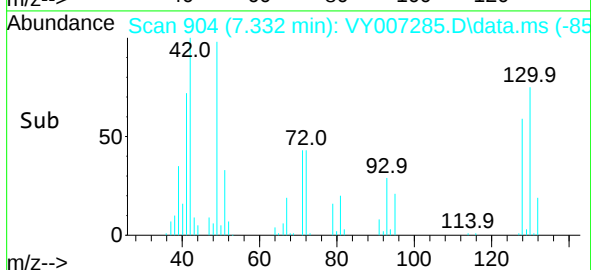
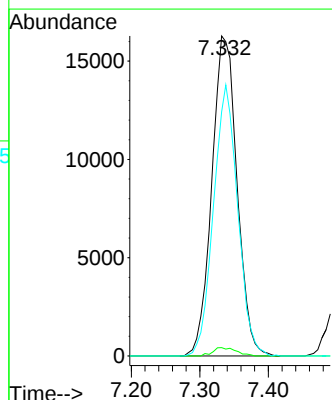
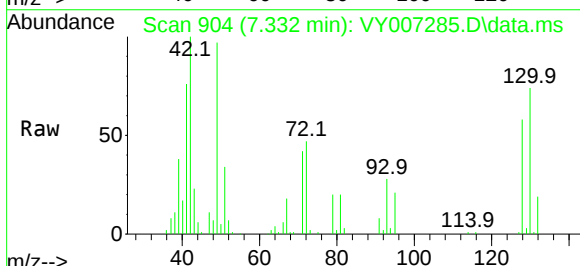
Tgt Ion: 49 Resp: 41673

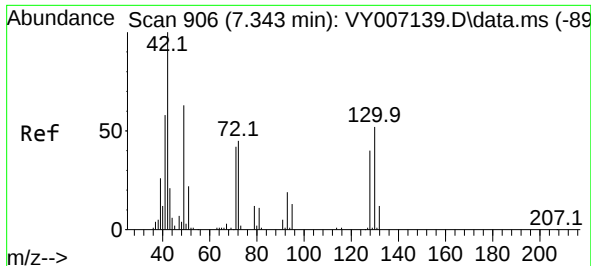
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 81.2 65.0 97.4





#29

Tetrahydrofuran

Concen: 274.766 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.007 min

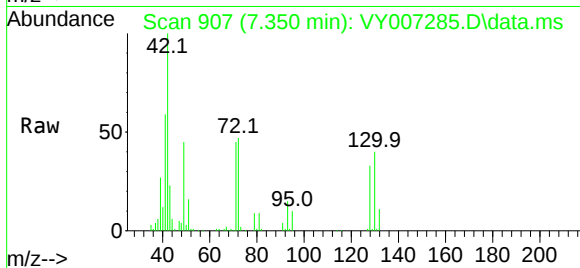
Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Instrument :

MSVOA\_Y

ClientSampleId :



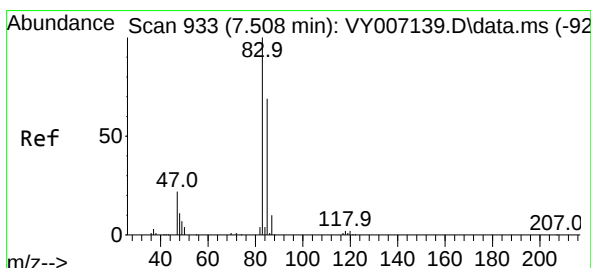
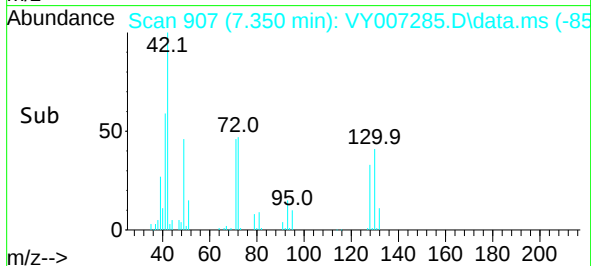
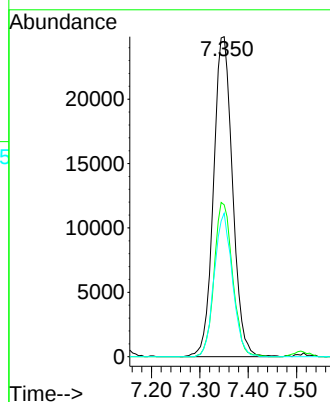
Tgt Ion: 42 Resp: 67852

Ion Ratio Lower Upper

42 100

72 46.7 36.6 54.8

71 43.0 34.1 51.1



#30

Chloroform

Concen: 54.978 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.001 min

Lab File: VY007285.D

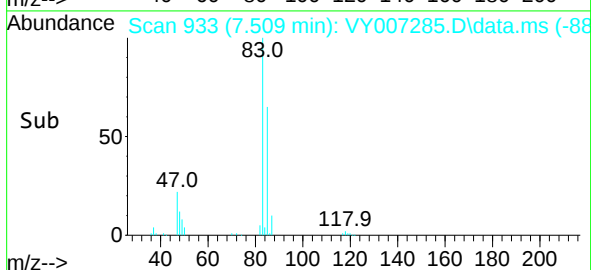
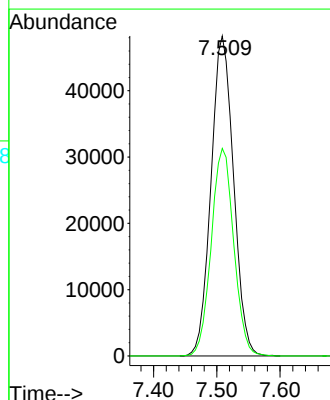
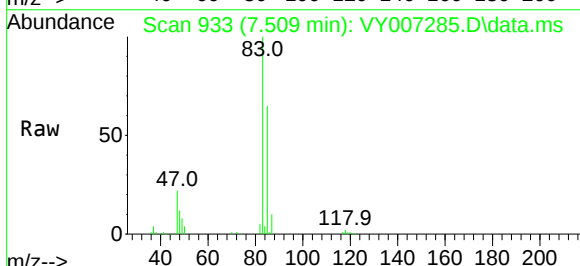
Acq: 25 Jan 2022 10:21

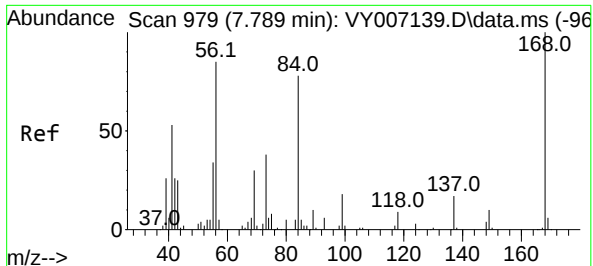
Tgt Ion: 83 Resp: 119178

Ion Ratio Lower Upper

83 100

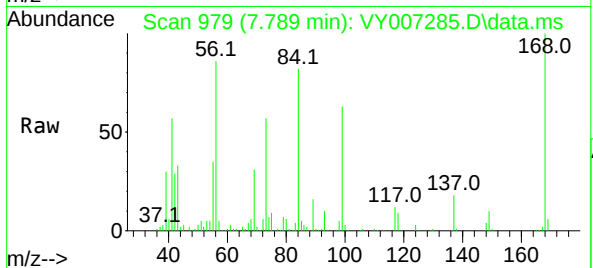
85 64.9 50.9 76.3



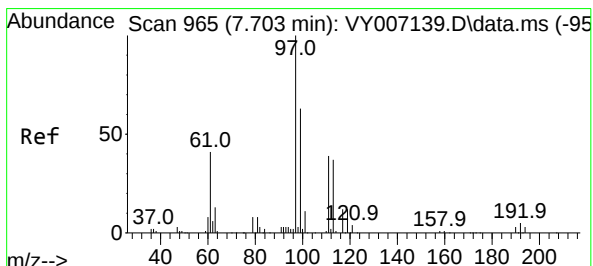
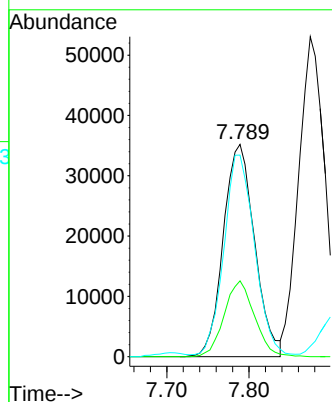
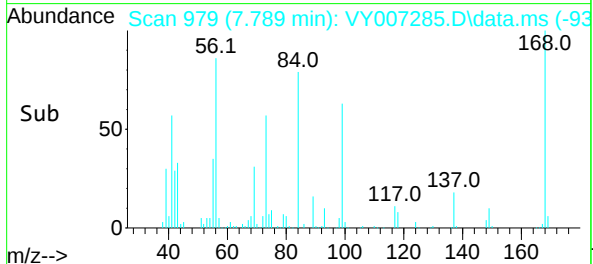


#31  
Cyclohexane  
Concen: 48.240 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

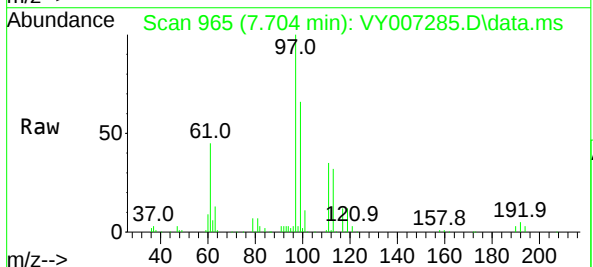
Instrument :  
MSVOA\_Y  
ClientSampleId :



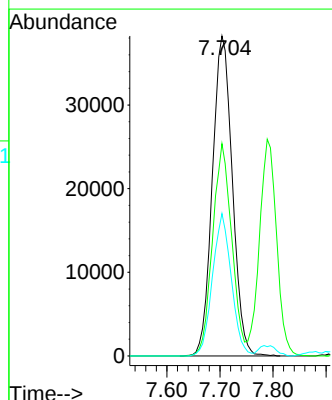
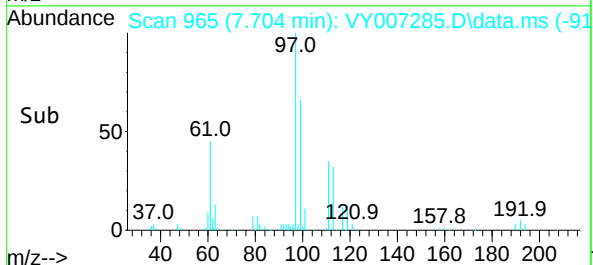
Tgt Ion: 56 Resp: 93372  
Ion Ratio Lower Upper  
56 100  
69 35.8 27.2 40.8  
84 93.4 72.1 108.1

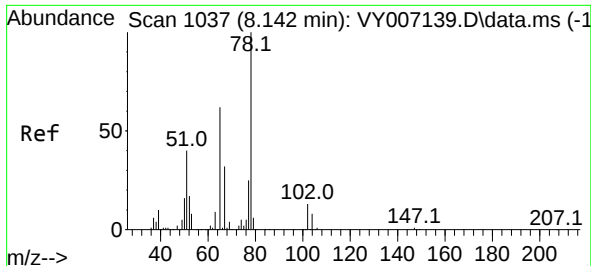


#32  
1,1,1-Trichloroethane  
Concen: 54.048 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21



Tgt Ion: 97 Resp: 100143  
Ion Ratio Lower Upper  
97 100  
99 63.3 51.1 76.7  
61 42.0 32.2 48.2

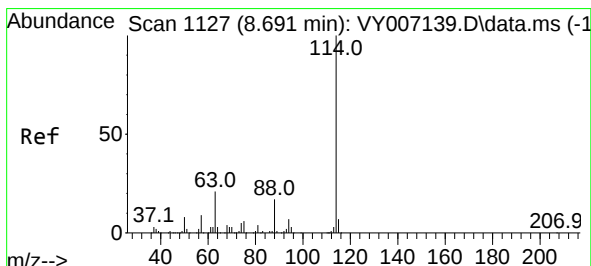
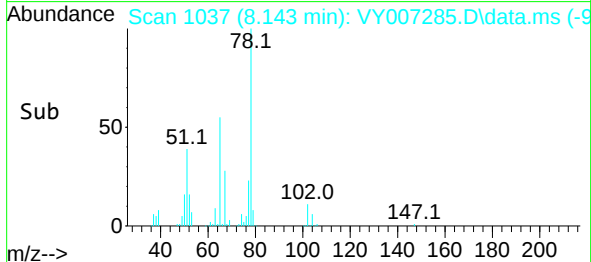
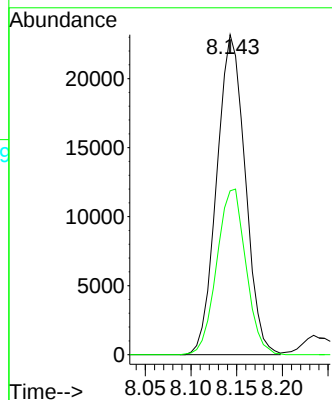
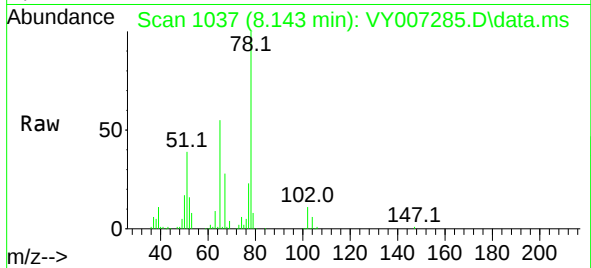




#33  
 1,2-Dichloroethane-d4  
 Concen: 43.861 ug/l  
 RT: 8.143 min Scan# 1037  
 Delta R.T. 0.001 min  
 Lab File: VY007285.D  
 Acq: 25 Jan 2022 10:21

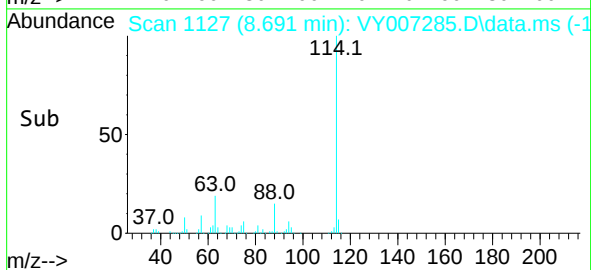
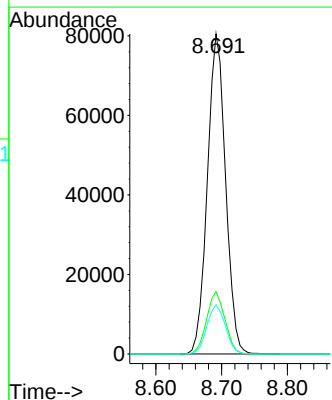
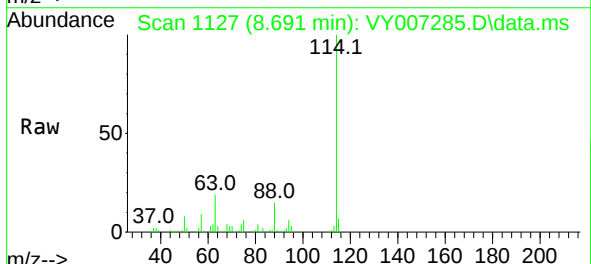
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

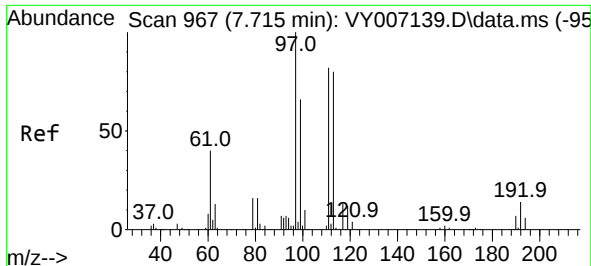
Tgt Ion: 65 Resp: 50216  
 Ion Ratio Lower Upper  
 65 100  
 67 53.0 0.0 105.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.691 min Scan# 1127  
 Delta R.T. 0.001 min  
 Lab File: VY007285.D  
 Acq: 25 Jan 2022 10:21

Tgt Ion: 114 Resp: 154920  
 Ion Ratio Lower Upper  
 114 100  
 63 19.4 0.0 39.2  
 88 15.4 0.0 31.0

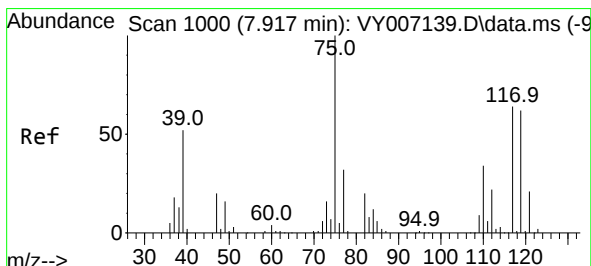
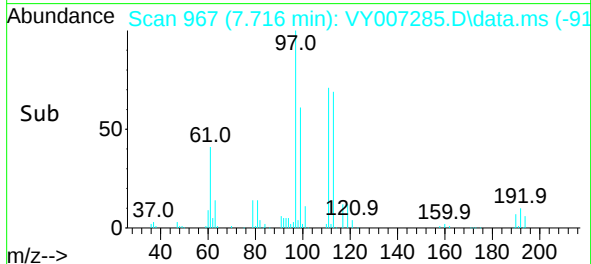
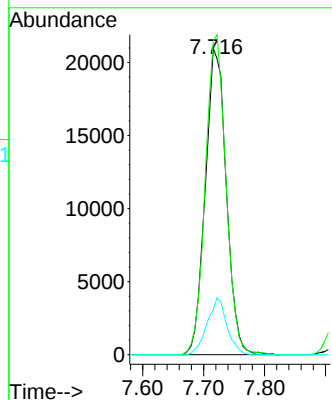
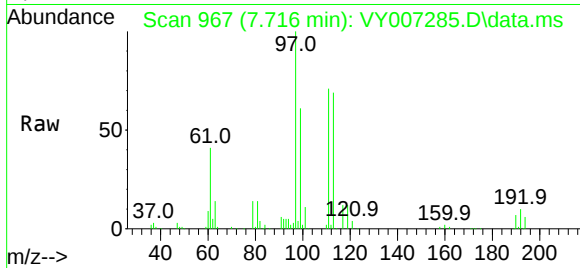




#35  
Dibromofluoromethane  
Concen: 48.023 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

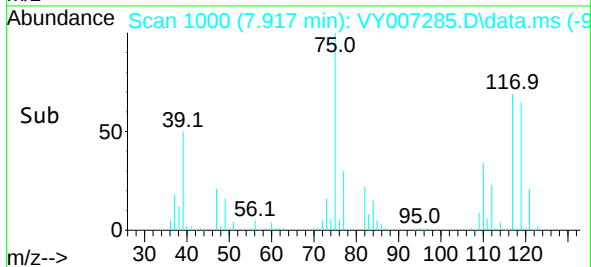
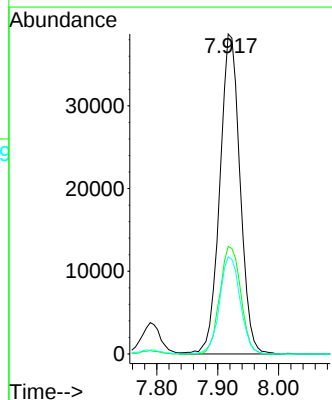
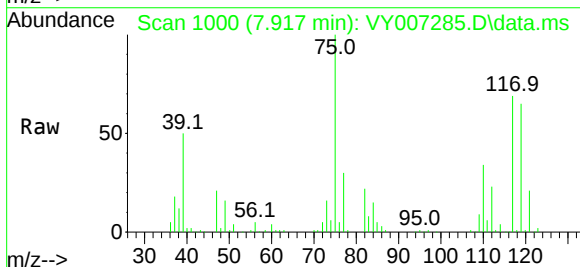
Instrument :  
MSVOA\_Y  
ClientSampleId :

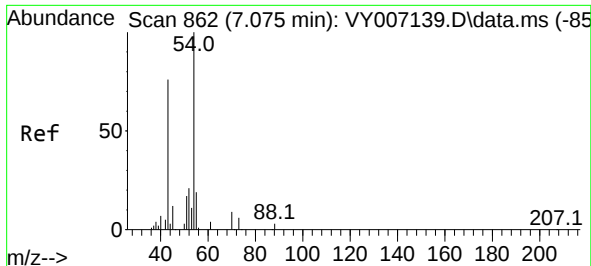
Tgt Ion:113 Resp: 50306  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.2 123.4  
192 17.4 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 53.319 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion: 75 Resp: 89206  
Ion Ratio Lower Upper  
75 100  
110 34.7 17.3 51.9  
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 56.243 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.001 min

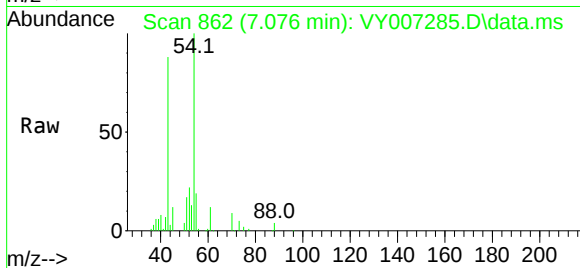
Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Instrument :

MSVOA\_Y

ClientSampleId :



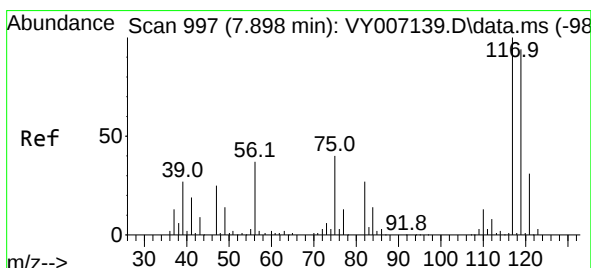
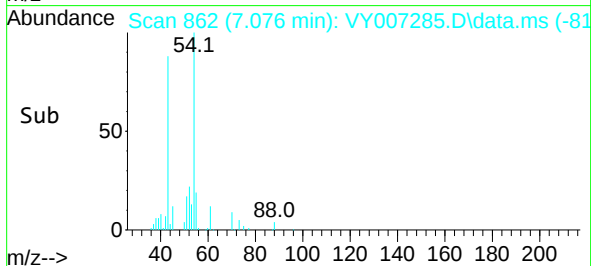
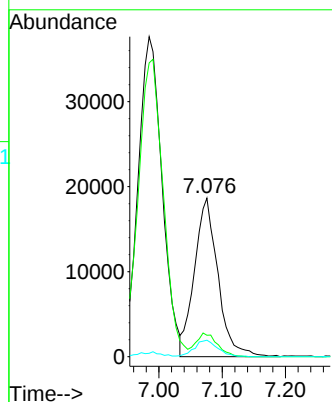
Tgt Ion: 43 Resp: 48291

Ion Ratio Lower Upper

43 100

61 13.6 11.8 17.8

70 10.3 9.0 13.4



#38

Carbon Tetrachloride

Concen: 54.184 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.007 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

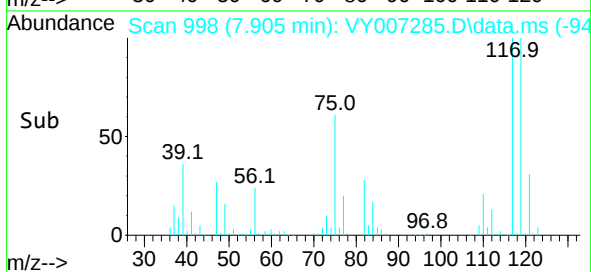
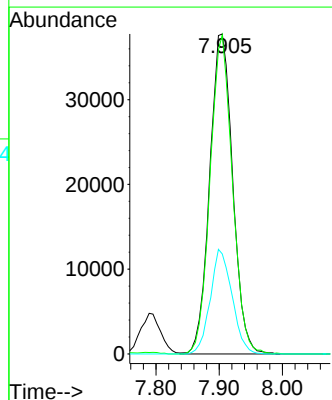
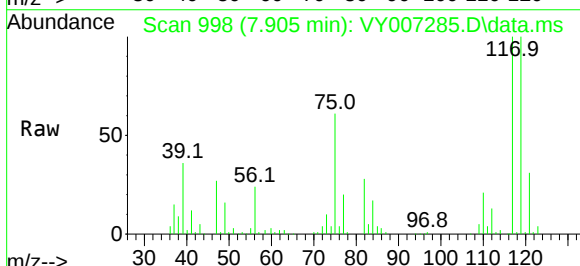
Tgt Ion: 117 Resp: 95353

Ion Ratio Lower Upper

117 100

119 99.7 77.2 115.8

121 31.2 24.2 36.2





#39

Methylcyclohexane

Concen: 51.956 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.001 min

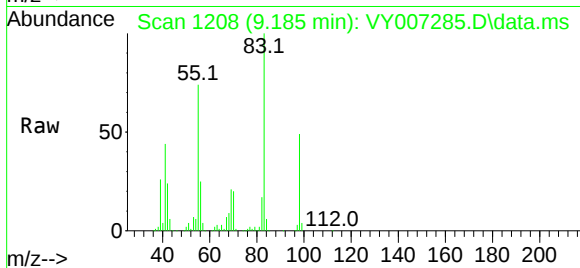
Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Instrument :

MSVOA\_Y

ClientSampleId :



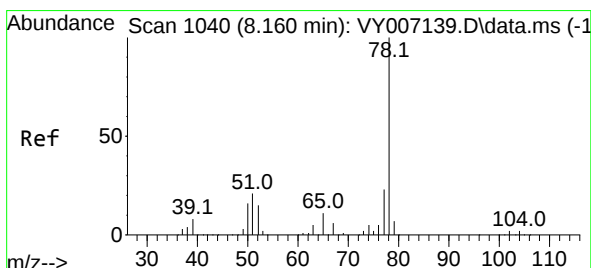
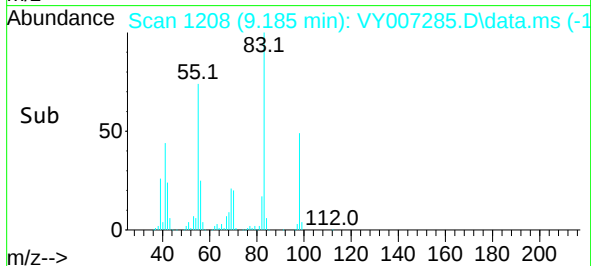
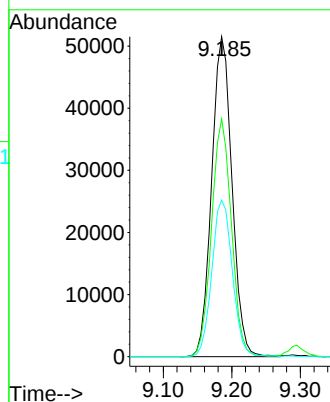
Tgt Ion: 83 Resp: 106133

Ion Ratio Lower Upper

83 100

55 74.3 58.8 88.2

98 48.9 38.7 58.1



#40

Benzene

Concen: 54.212 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VY007285.D

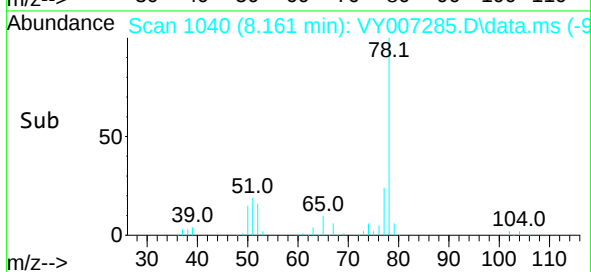
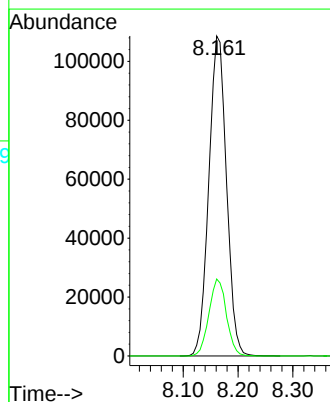
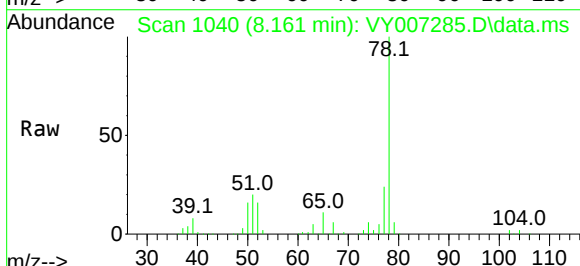
Acq: 25 Jan 2022 10:21

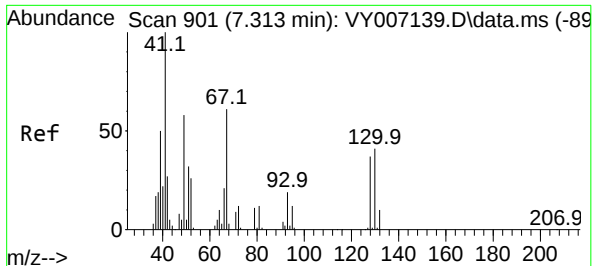
Tgt Ion: 78 Resp: 241940

Ion Ratio Lower Upper

78 100

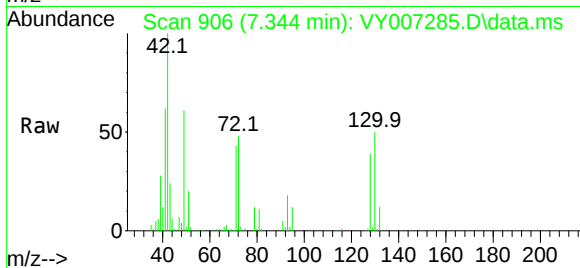
77 24.0 18.6 27.8



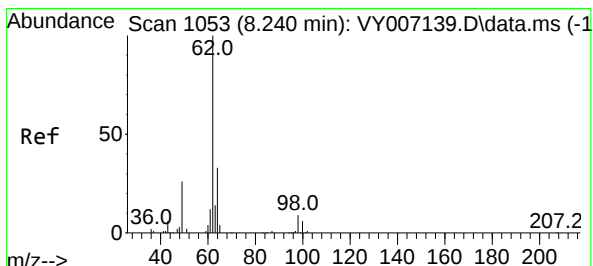
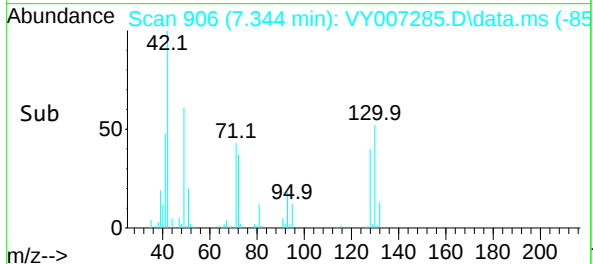
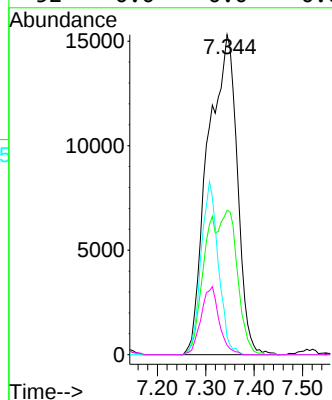


#41  
Methacrylonitrile  
Concen: 130.051 ug/l  
RT: 7.344 min Scan# 901  
Delta R.T. 0.031 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

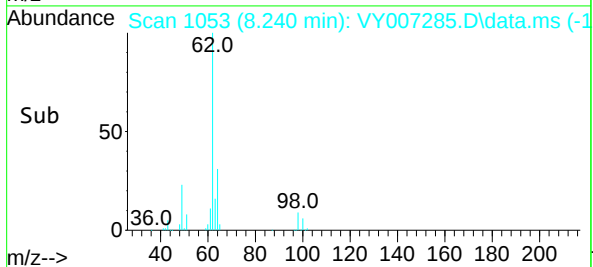
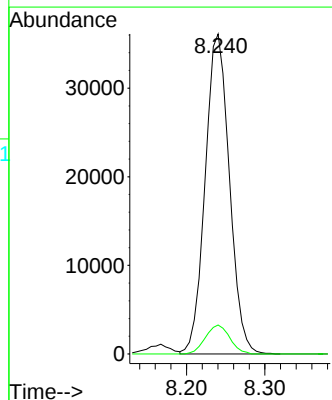
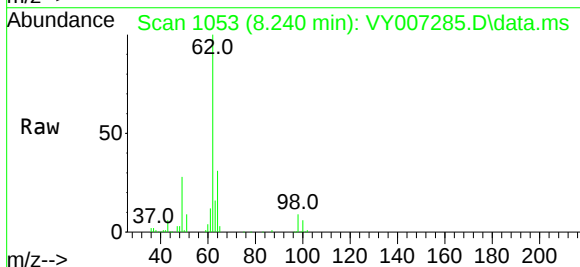


Tgt Ion: 41 Resp: 64303  
Ion Ratio Lower Upper  
41 100  
39 0.0 0.0 0.0  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 55.259 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

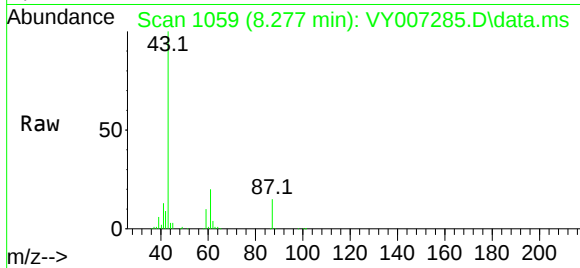
Tgt Ion: 62 Resp: 77659  
Ion Ratio Lower Upper  
62 100  
98 9.1 0.0 19.2



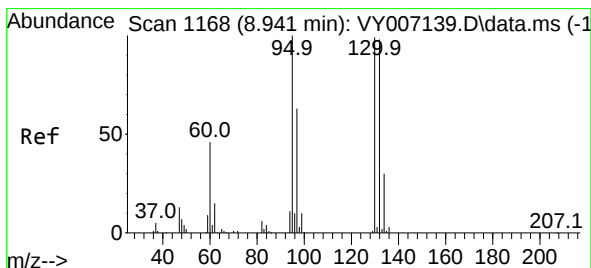
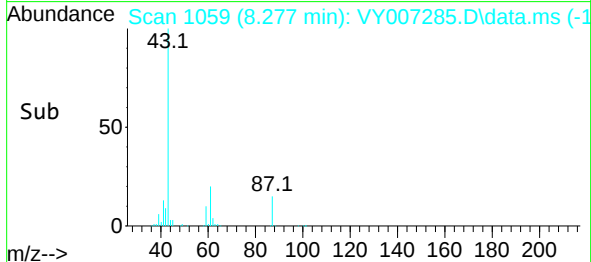
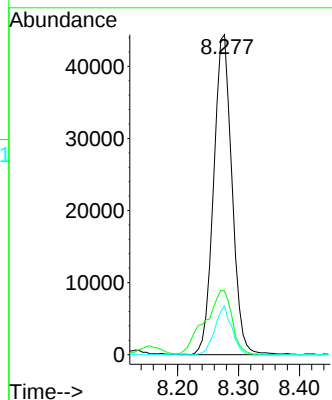


#43  
Isopropyl Acetate  
Concen: 55.472 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

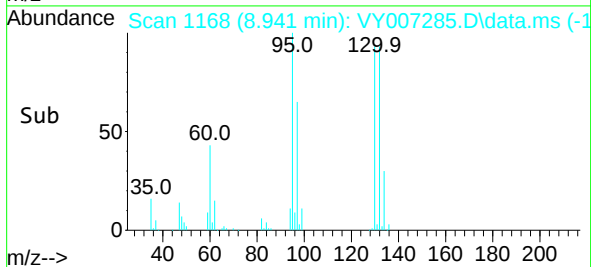
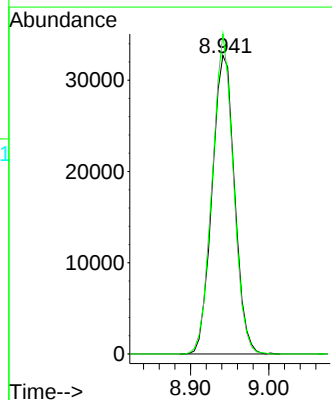
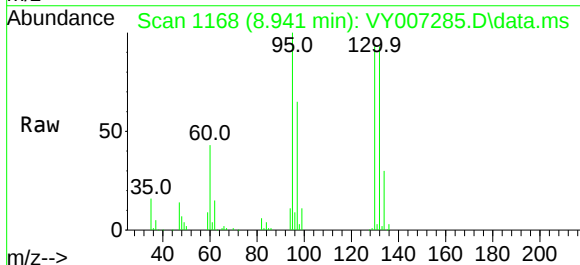


Tgt Ion: 43 Resp: 92676  
Ion Ratio Lower Upper  
43 100  
61 29.7 23.8 35.8  
87 14.2 11.6 17.4



#44  
Trichloroethene  
Concen: 54.011 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion: 130 Resp: 65227  
Ion Ratio Lower Upper  
130 100  
95 107.2 0.0 196.6





#45

1,2-Dichloropropane

Concen: 54.138 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Instrument :

MSVOA\_Y

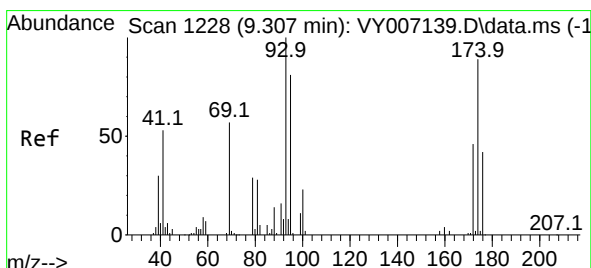
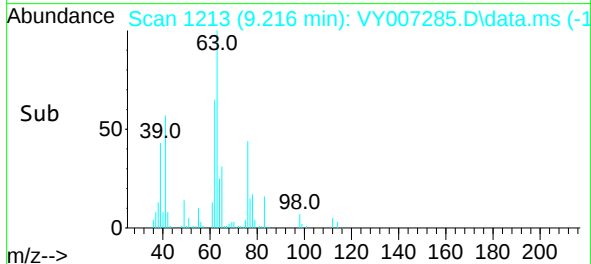
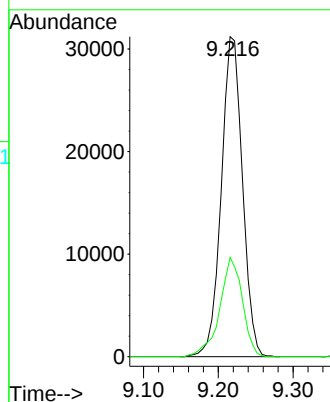
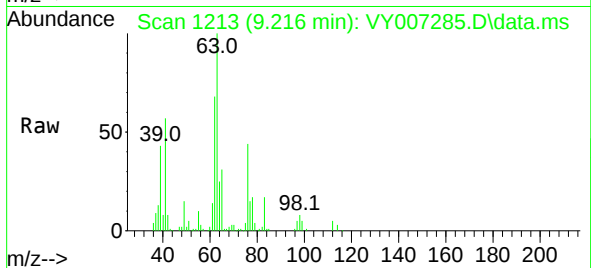
ClientSampleId :

Tgt Ion: 63 Resp: 61441

Ion Ratio Lower Upper

63 100

65 31.0 26.9 40.3



#46

Dibromomethane

Concen: 55.375 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

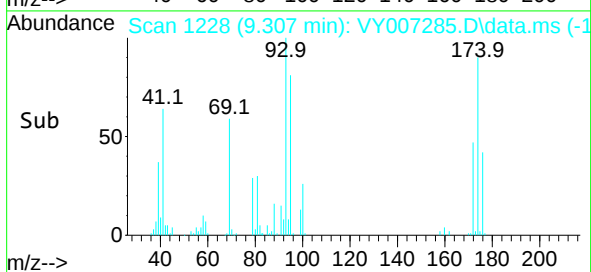
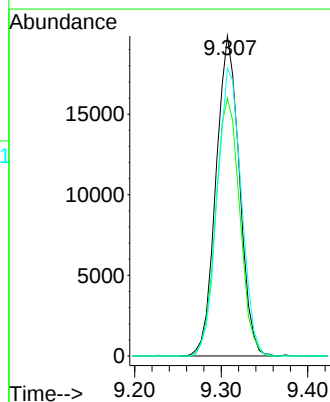
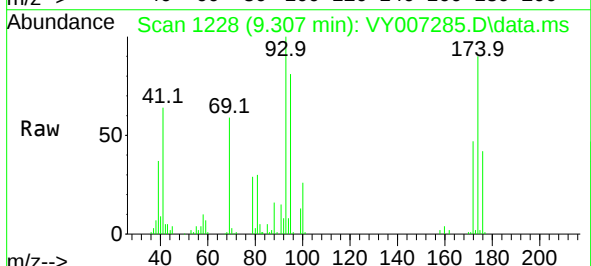
Tgt Ion: 93 Resp: 37163

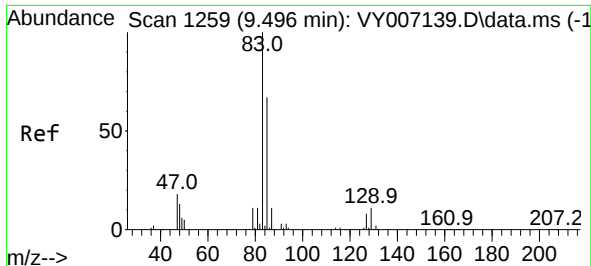
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.6

174 92.8 75.4 113.0

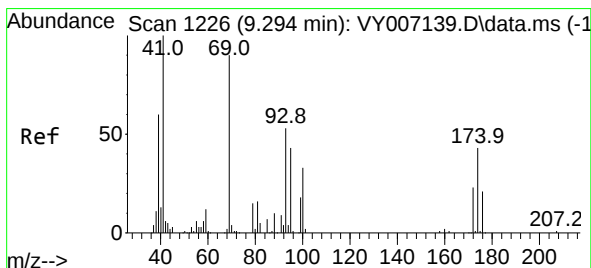
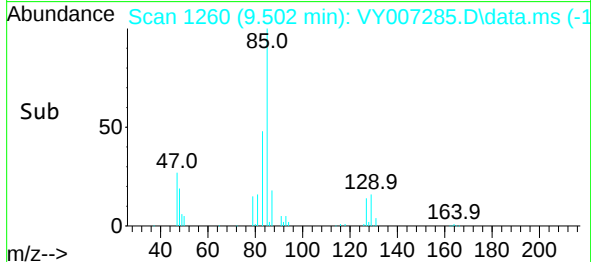
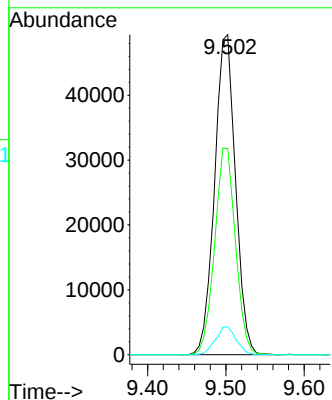
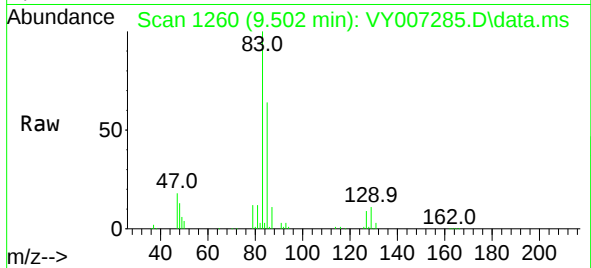




#47  
Bromodichloromethane  
Concen: 55.598 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. 0.007 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

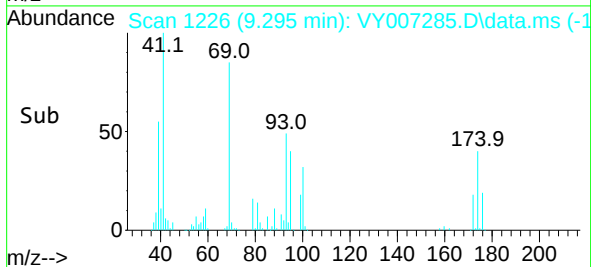
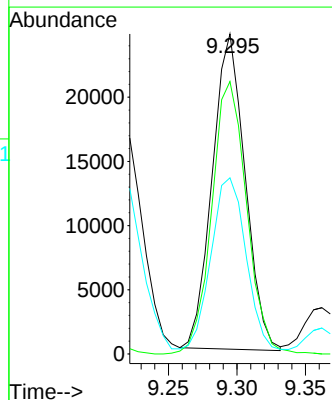
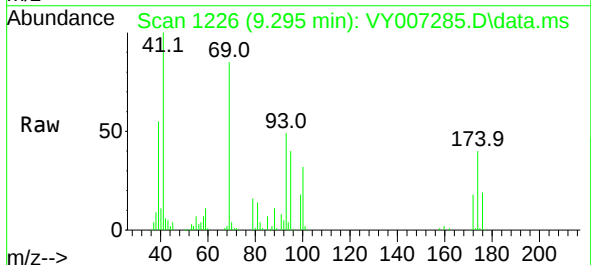
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 83 Resp: 91729  
Ion Ratio Lower Upper  
83 100  
85 64.4 51.4 77.2  
127 8.7 6.5 9.7



#48  
Methyl methacrylate  
Concen: 53.844 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion: 41 Resp: 40916  
Ion Ratio Lower Upper  
41 100  
69 91.8 70.5 105.7  
39 58.3 43.8 65.8





#49

1,4-Dioxane

Concen: 1271.395 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.007 min

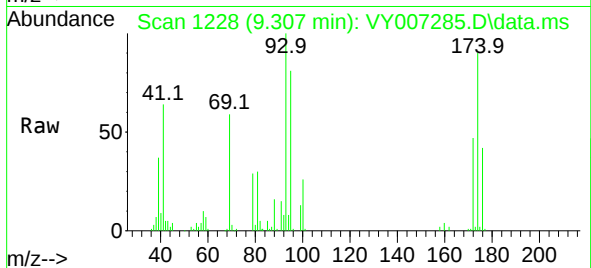
Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Instrument :

MSVOA\_Y

ClientSampleId :



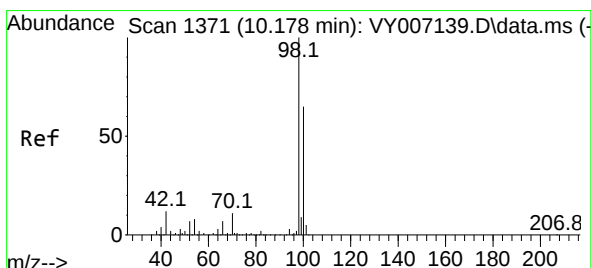
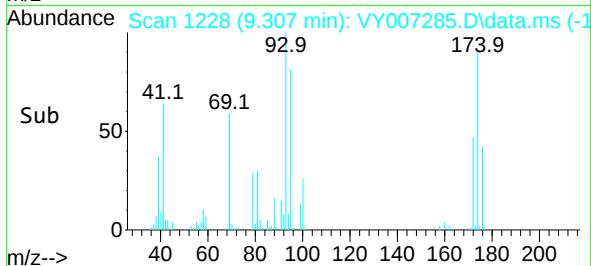
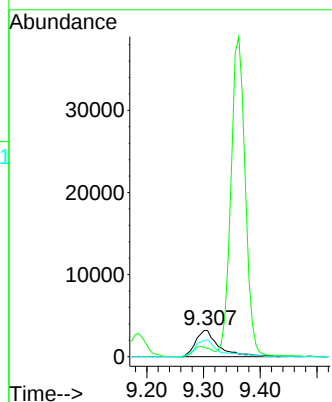
Tgt Ion: 88 Resp: 9200

Ion Ratio Lower Upper

88 100

43 29.5 22.0 33.0

58 64.6 58.6 87.8



#50

Toluene-d8

Concen: 45.790 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.007 min

Lab File: VY007285.D

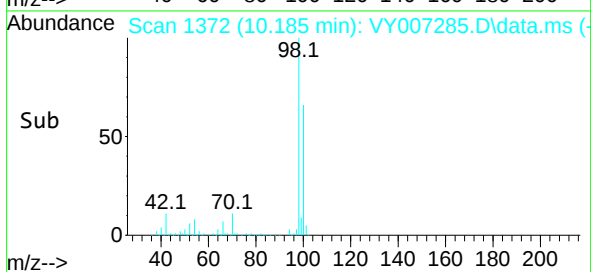
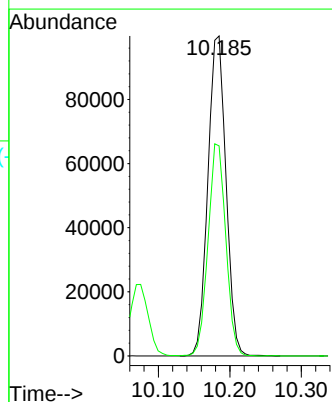
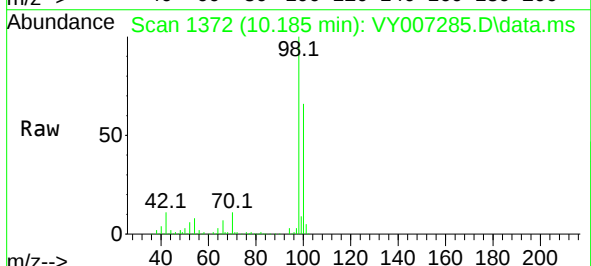
Acq: 25 Jan 2022 10:21

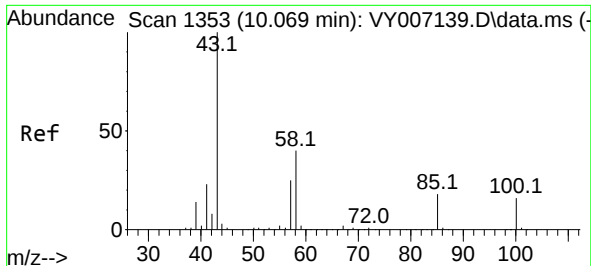
Tgt Ion: 98 Resp: 175268

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 285.116 ug/l

RT: 10.075 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Instrument :

MSVOA\_Y

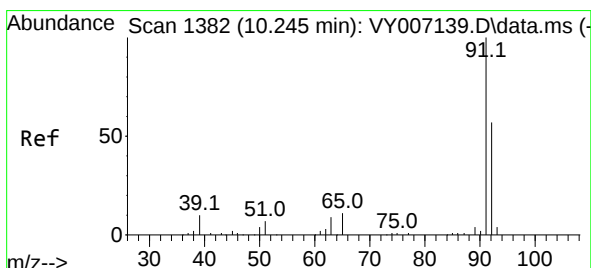
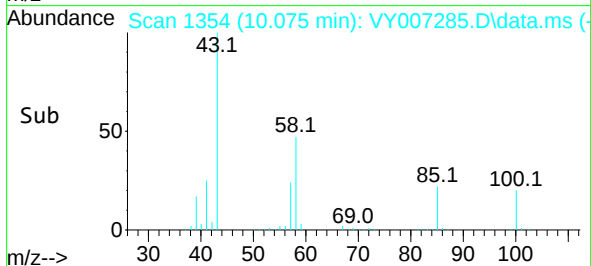
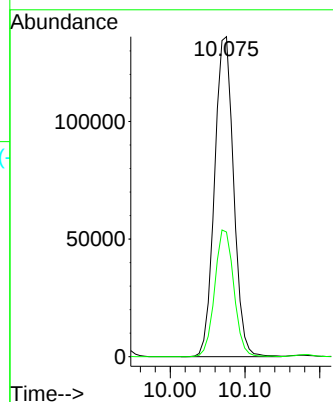
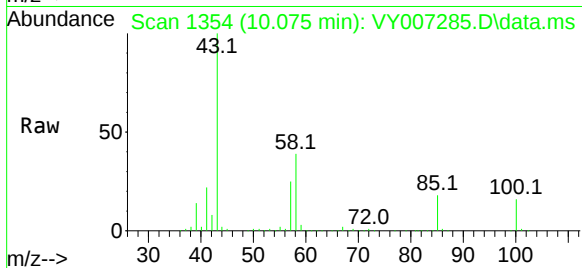
ClientSampleId :

Tgt Ion: 43 Resp: 241525

Ion Ratio Lower Upper

43 100

58 39.7 32.8 49.2



#52

Toluene

Concen: 54.709 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.001 min

Lab File: VY007285.D

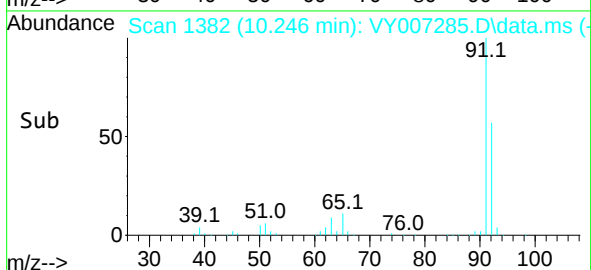
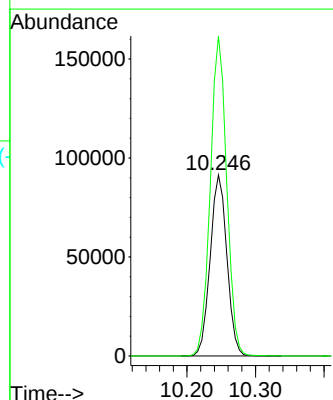
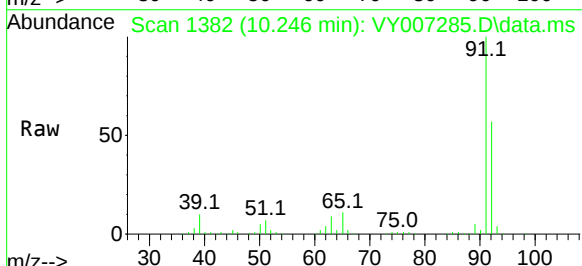
Acq: 25 Jan 2022 10:21

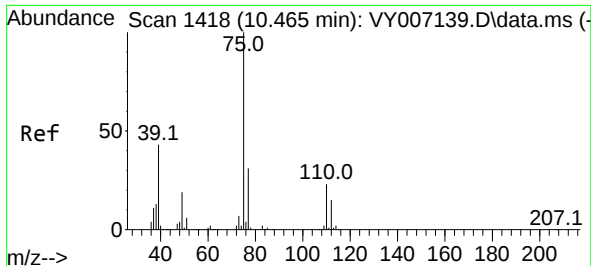
Tgt Ion: 92 Resp: 154763

Ion Ratio Lower Upper

92 100

91 173.3 138.6 207.8

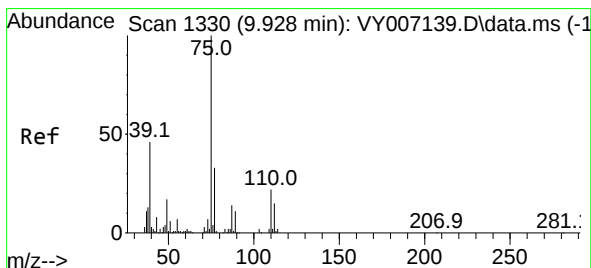
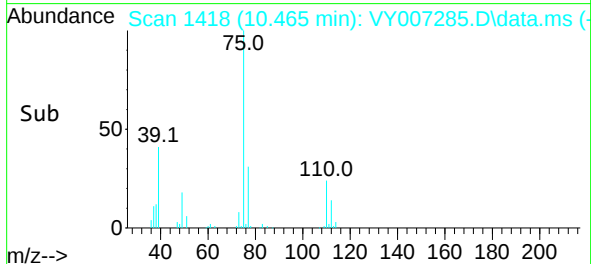
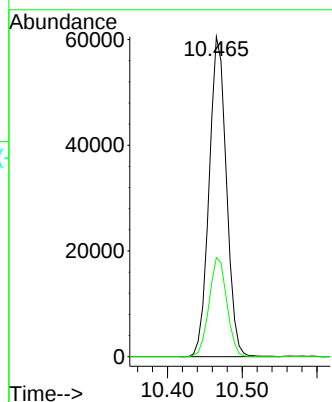
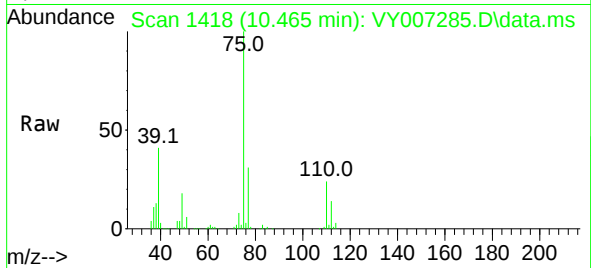




#53  
t-1,3-Dichloropropene  
Concen: 55.819 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

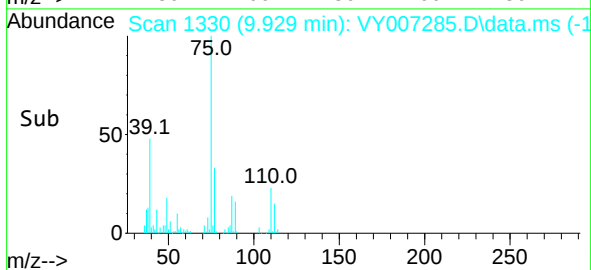
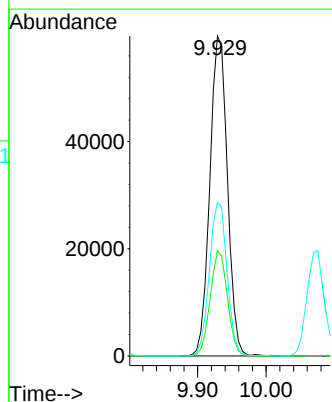
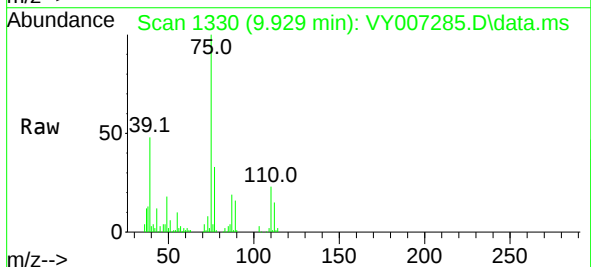
Instrument :  
MSVOA\_Y  
ClientSampleId :

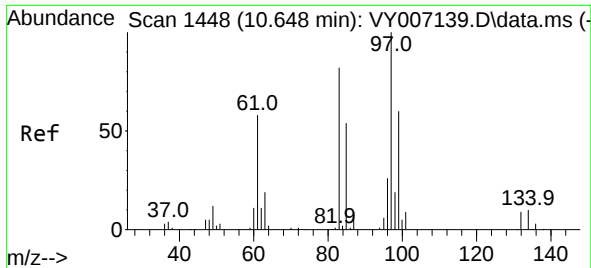
Tgt Ion: 75 Resp: 97216  
Ion Ratio Lower Upper  
75 100  
77 30.9 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 54.598 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

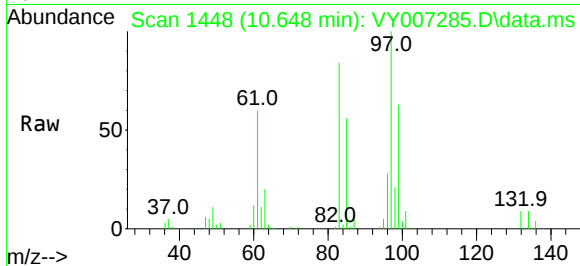
Tgt Ion: 75 Resp: 106440  
Ion Ratio Lower Upper  
75 100  
77 33.0 25.7 38.5  
39 47.9 36.1 54.1



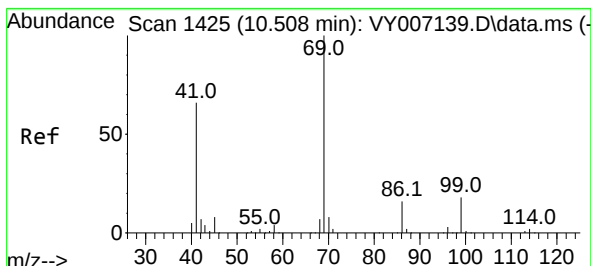
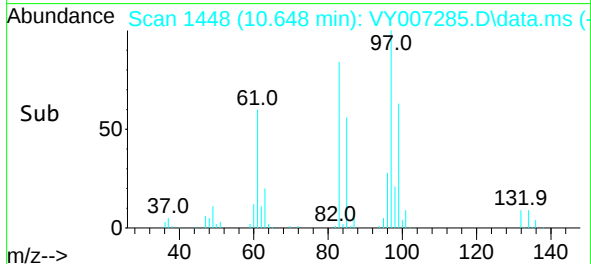
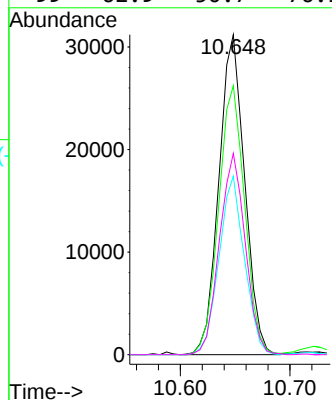


#55  
1,1,2-Trichloroethane  
Concen: 56.019 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

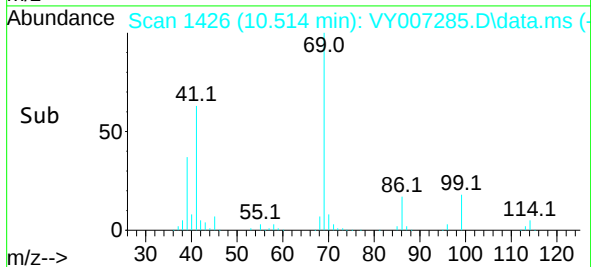
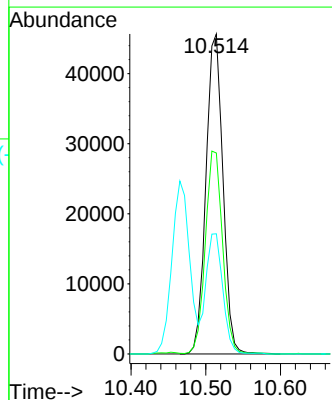
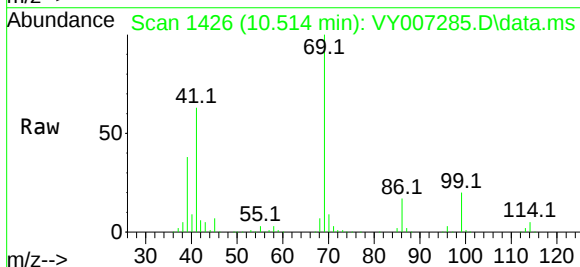


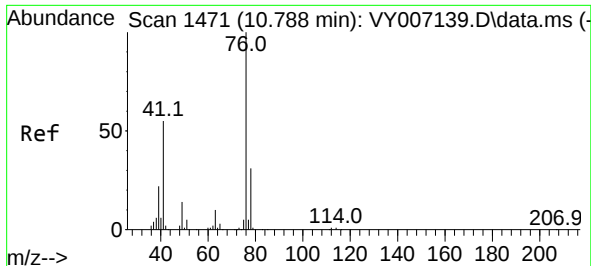
| Tgt Ion: | 97    | Resp: | 50995 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.1  | 67.0  | 100.4 |
| 85       | 55.8  | 41.2  | 61.8  |
| 99       | 62.9  | 50.7  | 76.1  |



#56  
Ethyl methacrylate  
Concen: 56.107 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. 0.007 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

| Tgt Ion: | 69    | Resp: | 71954 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 64.8  | 49.4  | 74.0  |
| 39       | 37.4  | 27.7  | 41.5  |





#57

1,3-Dichloropropane

Concen: 55.649 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Instrument :

MSVOA\_Y

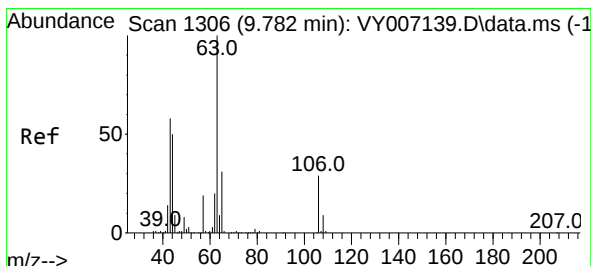
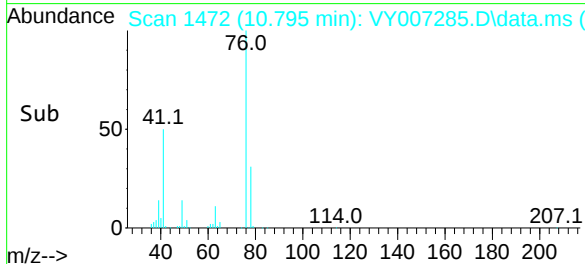
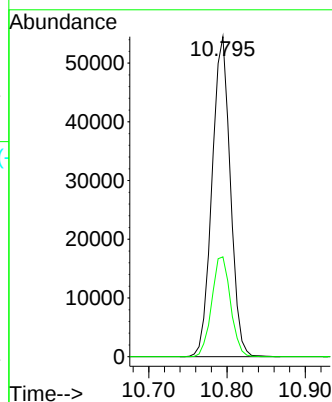
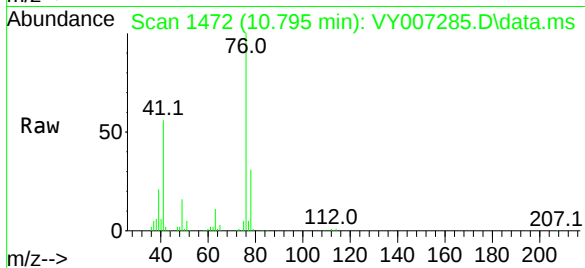
ClientSampleId :

Tgt Ion: 76 Resp: 88301

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 244.634 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY007285.D

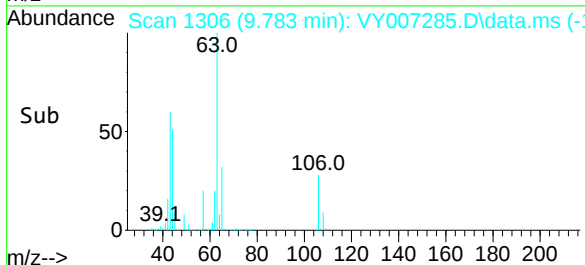
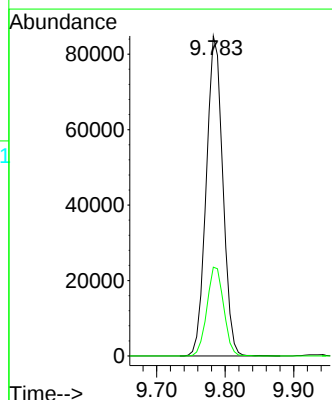
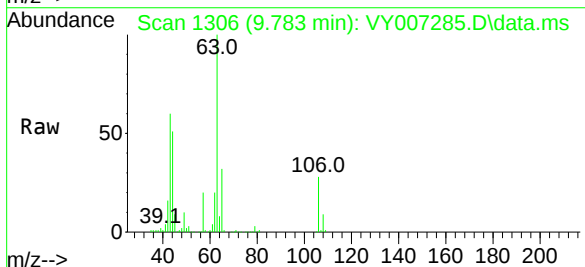
Acq: 25 Jan 2022 10:21

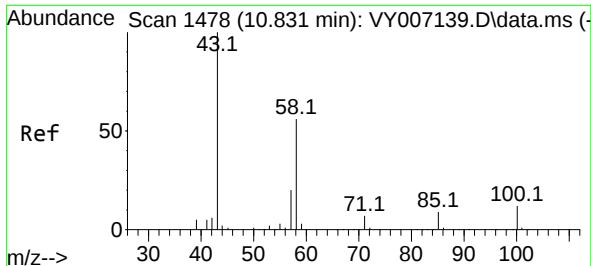
Tgt Ion: 63 Resp: 142657

Ion Ratio Lower Upper

63 100

106 28.1 23.3 34.9

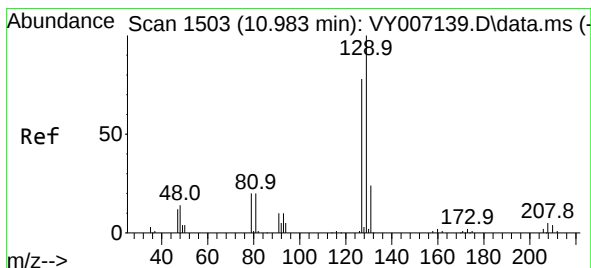
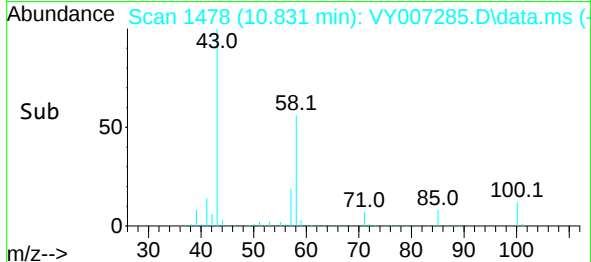
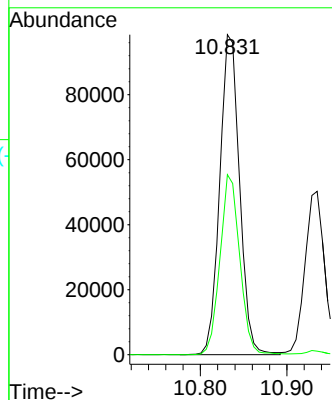
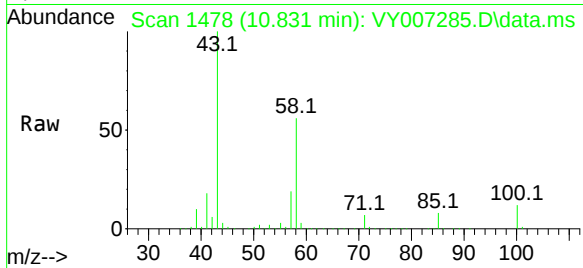




#59  
2-Hexanone  
Concen: 271.957 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

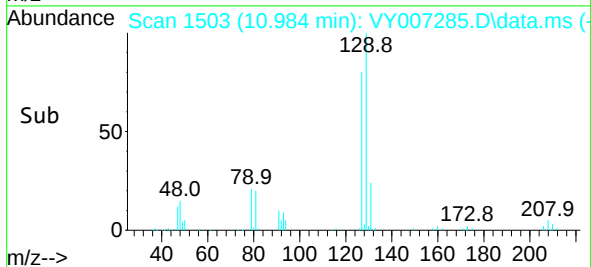
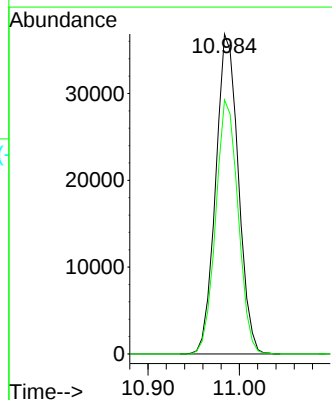
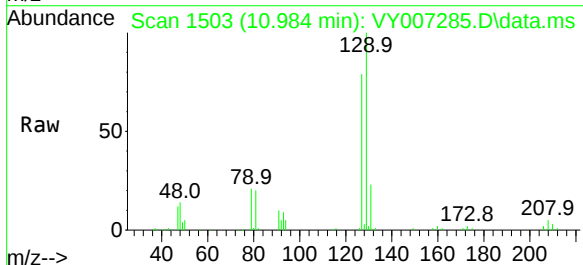
Instrument :  
MSVOA\_Y  
ClientSampleId :

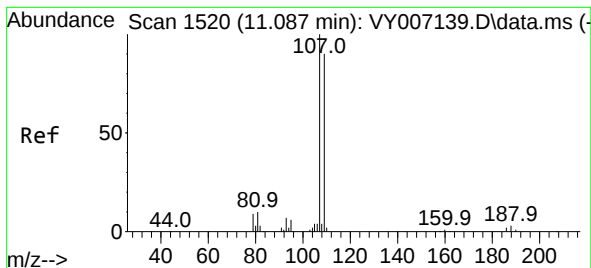
Tgt Ion: 43 Resp: 156348  
Ion Ratio Lower Upper  
43 100  
58 56.3 28.4 85.3



#60  
Dibromochloromethane  
Concen: 56.722 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion: 129 Resp: 63474  
Ion Ratio Lower Upper  
129 100  
127 78.4 38.9 116.6

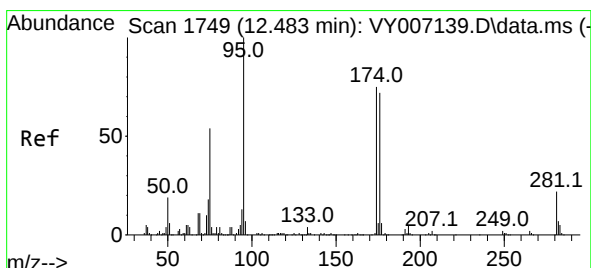
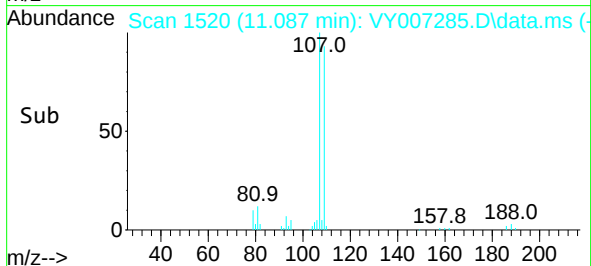
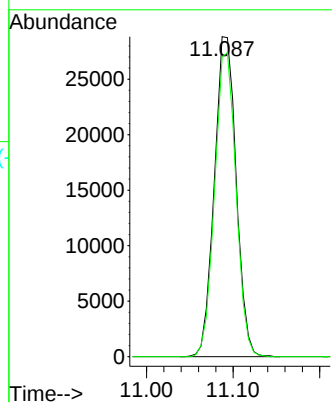
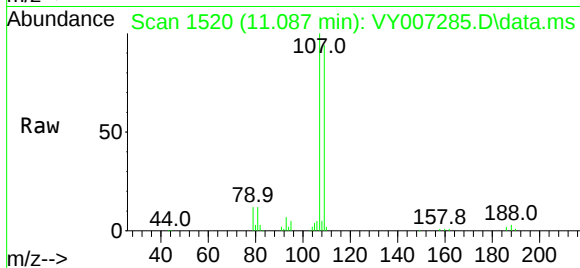




#61  
1,2-Dibromoethane  
Concen: 56.516 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

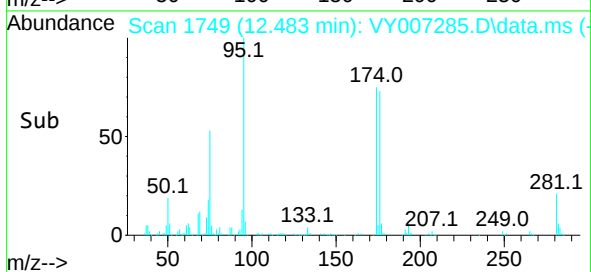
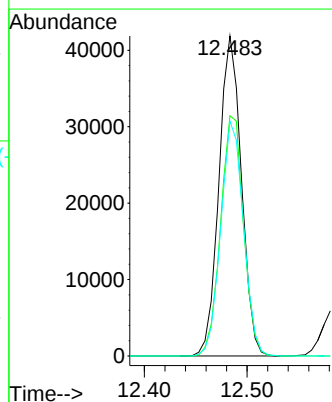
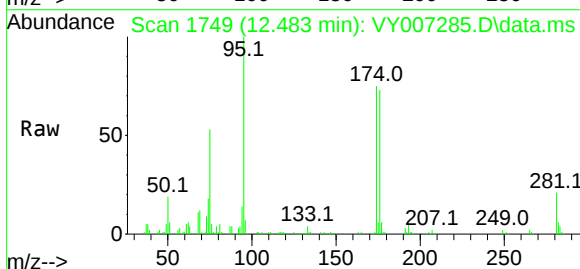
Instrument :  
MSVOA\_Y  
ClientSampleId :

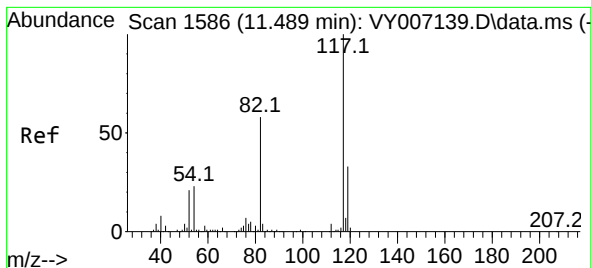
Tgt Ion:107 Resp: 50543  
Ion Ratio Lower Upper  
107 100  
109 92.9 75.4 113.0



#62  
4-Bromofluorobenzene  
Concen: 46.494 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion: 95 Resp: 63305  
Ion Ratio Lower Upper  
95 100  
174 76.8 0.0 148.4  
176 74.4 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Instrument :

MSVOA\_Y

ClientSampleId :

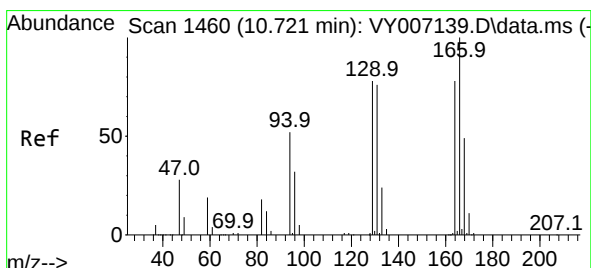
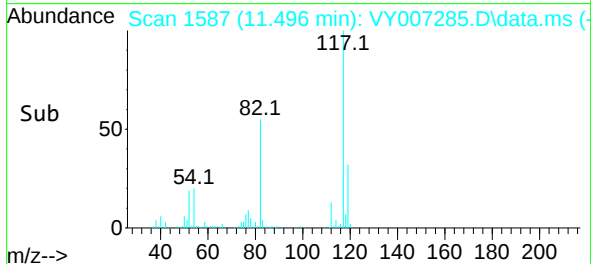
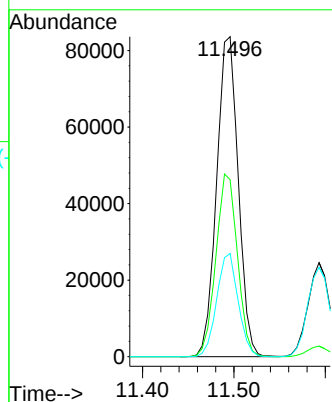
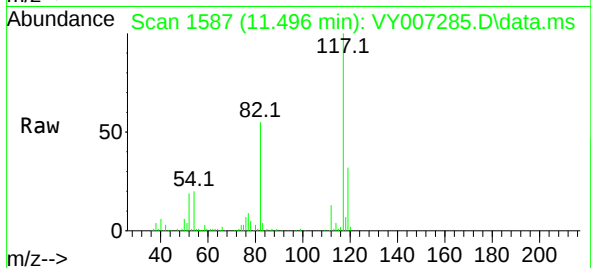
Tgt Ion:117 Resp: 137492

Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.0

119 32.3 26.4 39.6



#64

Tetrachloroethene

Concen: 52.809 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.001 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Tgt Ion:164 Resp: 52336

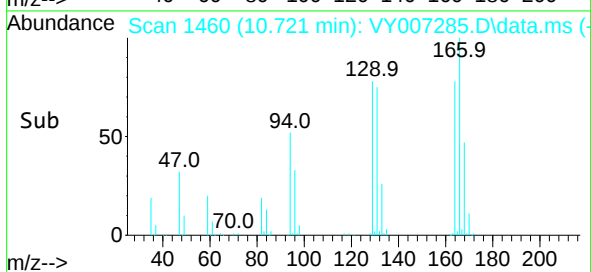
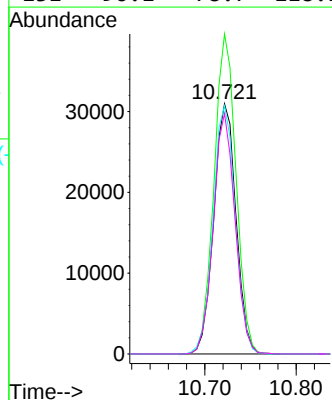
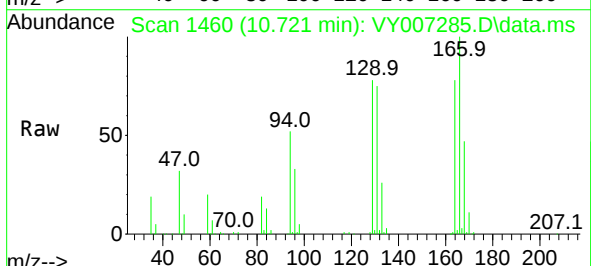
Ion Ratio Lower Upper

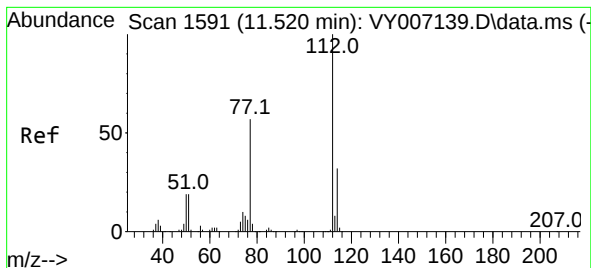
164 100

166 127.9 102.6 154.0

129 99.2 84.6 127.0

131 96.1 78.7 118.1

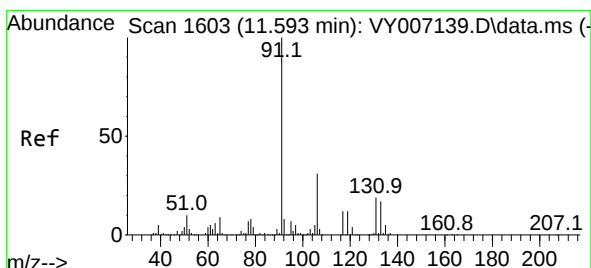
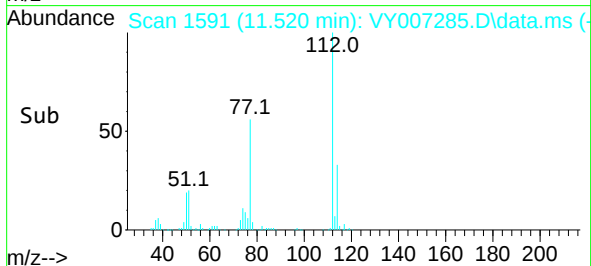
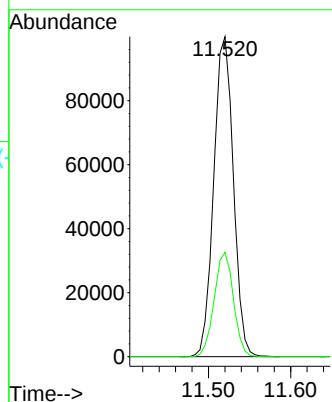
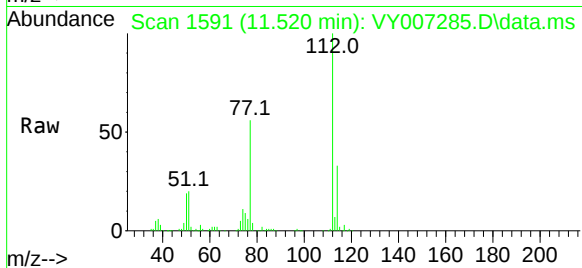




#65  
Chlorobenzene  
Concen: 55.147 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

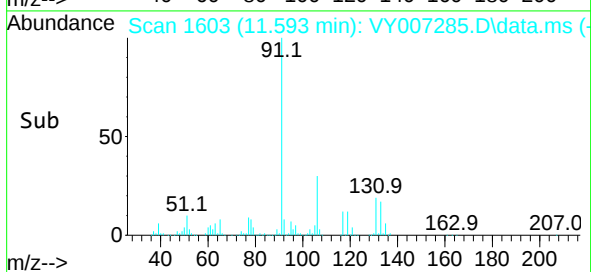
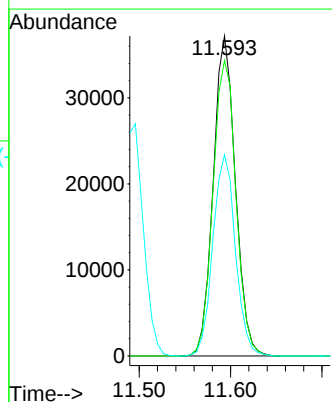
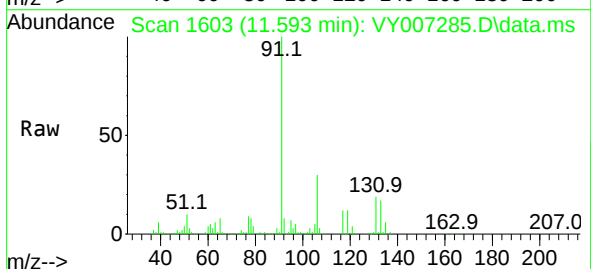
Instrument :  
MSVOA\_Y  
ClientSampleId :

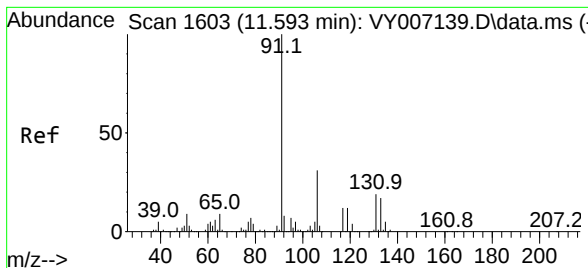
Tgt Ion:112 Resp: 165792  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 56.137 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion:131 Resp: 62561  
Ion Ratio Lower Upper  
131 100  
133 95.9 47.5 142.5  
119 64.1 32.6 97.7





#67

Ethyl Benzene

Concen: 55.330 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Instrument :

MSVOA\_Y

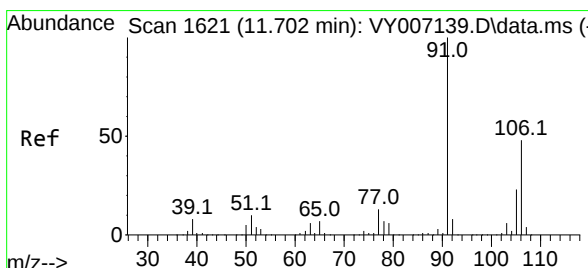
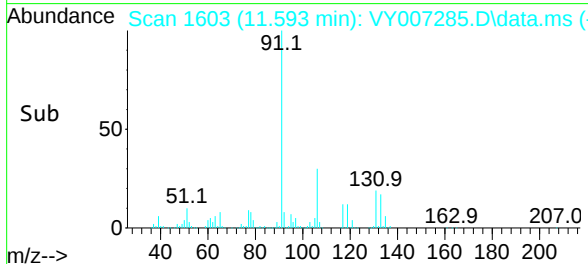
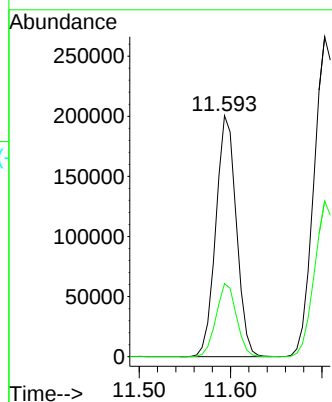
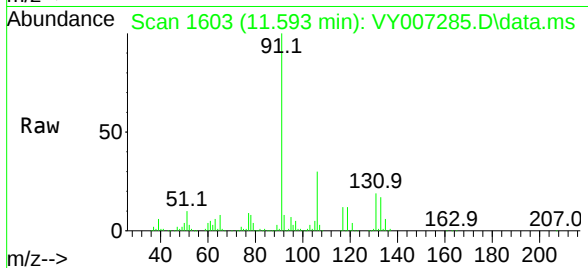
ClientSampleId :

Tgt Ion: 91 Resp: 312636

Ion Ratio Lower Upper

91 100

106 30.3 23.9 35.9



#68

m/p-Xylenes

Concen: 108.749 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.001 min

Lab File: VY007285.D

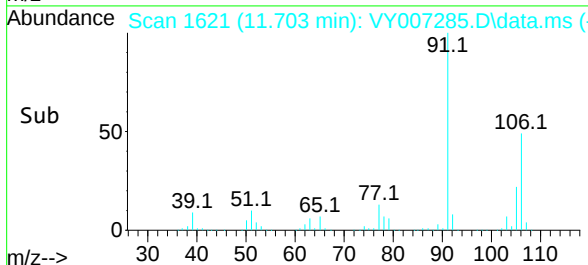
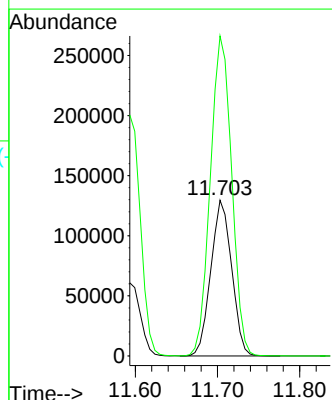
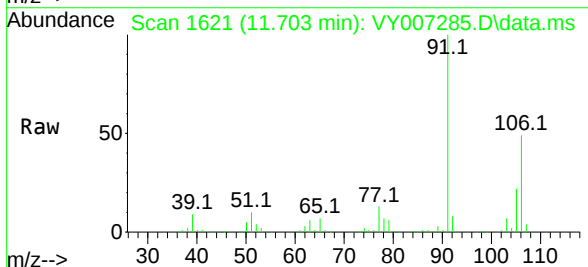
Acq: 25 Jan 2022 10:21

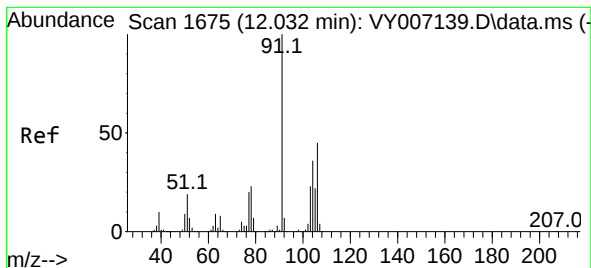
Tgt Ion:106 Resp: 228351

Ion Ratio Lower Upper

106 100

91 210.9 167.1 250.7





#69

o-Xylene

Concen: 55.432 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Instrument :

MSVOA\_Y

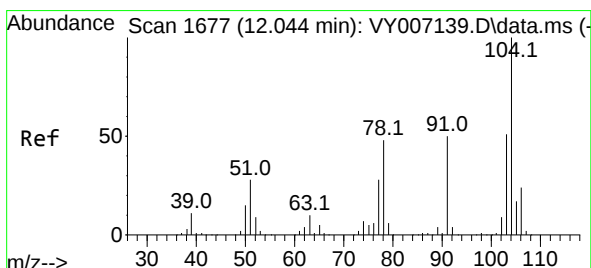
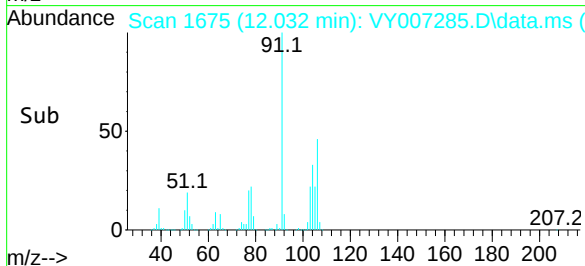
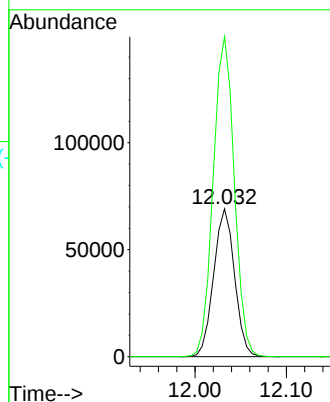
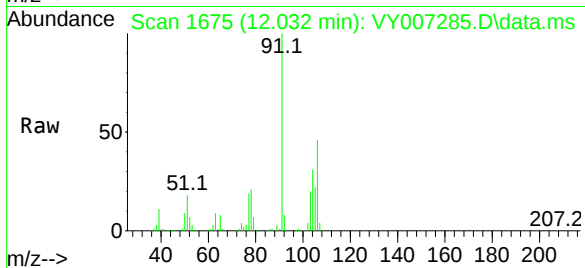
ClientSampleId :

Tgt Ion:106 Resp: 109613

Ion Ratio Lower Upper

106 100

91 218.4 109.9 329.6



#70

Styrene

Concen: 56.360 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.001 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

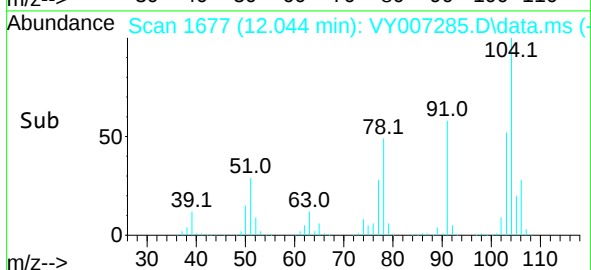
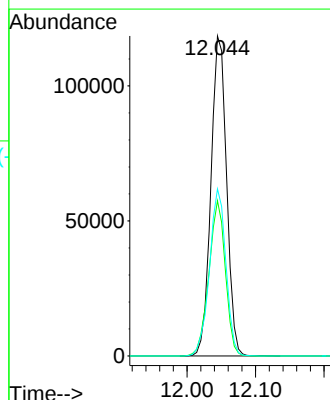
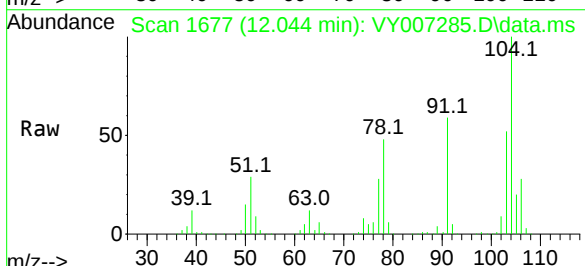
Tgt Ion:104 Resp: 188009

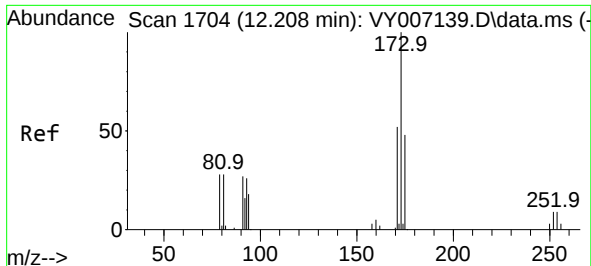
Ion Ratio Lower Upper

104 100

78 51.0 41.4 62.0

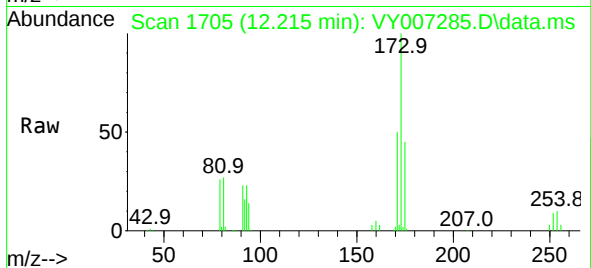
103 54.9 44.2 66.2



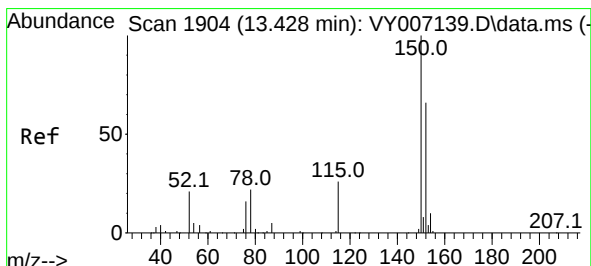
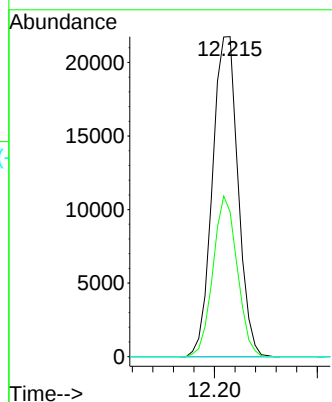
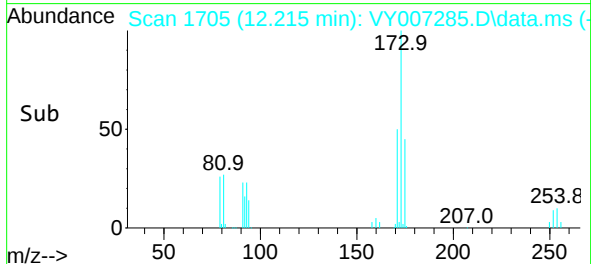


#71  
Bromoform  
Concen: 58.307 ug/l  
RT: 12.215 min Scan# 1705  
Delta R.T. 0.007 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

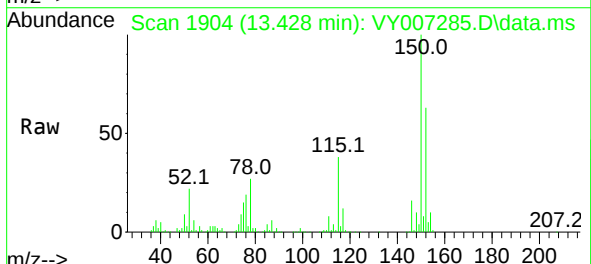
Instrument :  
MSVOA\_Y  
ClientSampleId :



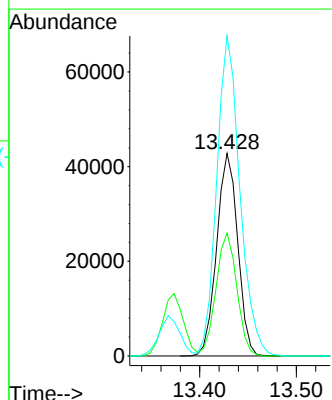
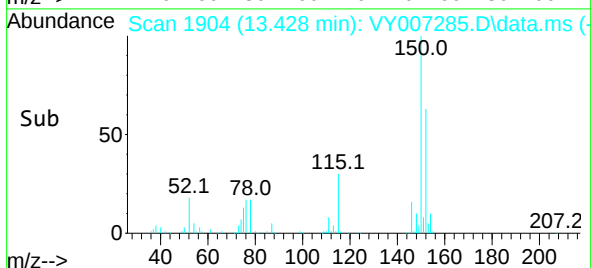
Tgt Ion:173 Resp: 37586  
Ion Ratio Lower Upper  
173 100  
175 47.4 24.8 74.3  
254 0.0 0.0 0.0

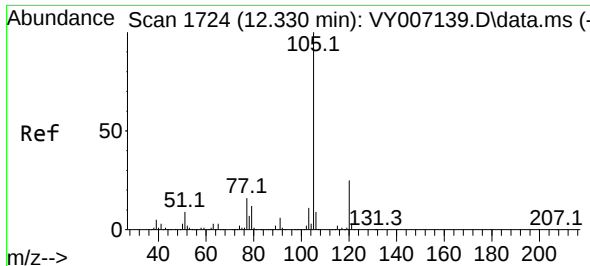


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21



Tgt Ion:152 Resp: 64490  
Ion Ratio Lower Upper  
152 100  
115 60.1 31.4 94.0  
150 174.0 0.0 348.4

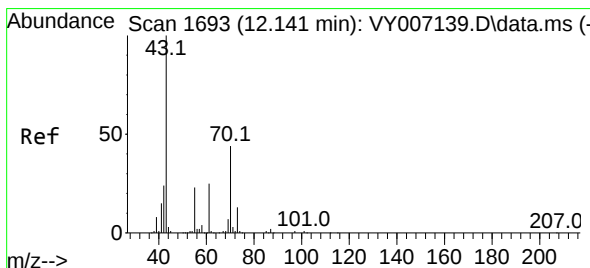
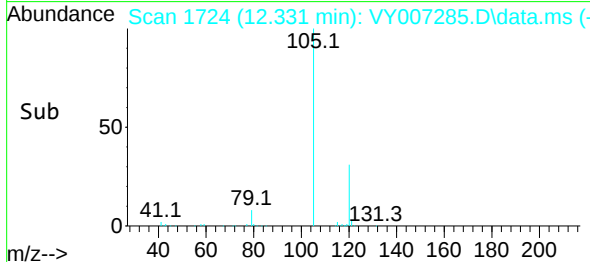
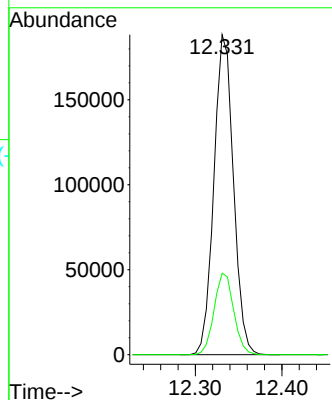
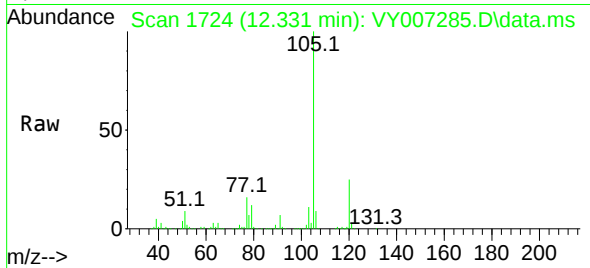




#73  
Isopropylbenzene  
Concen: 52.961 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

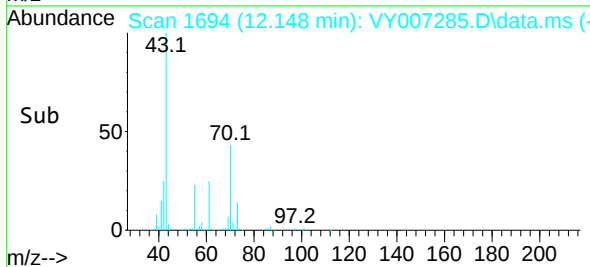
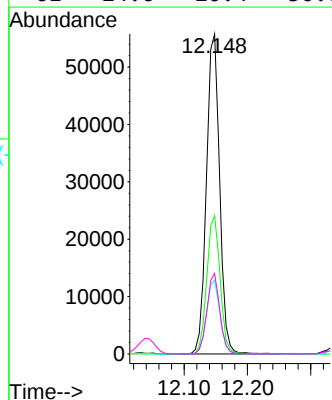
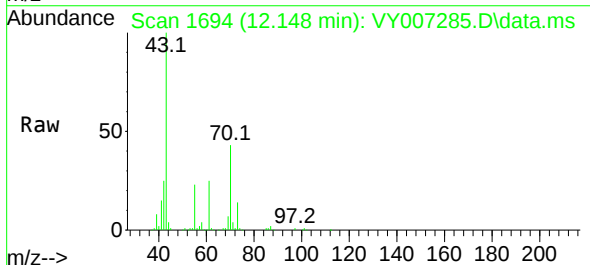
Instrument :  
MSVOA\_Y  
ClientSampleId :

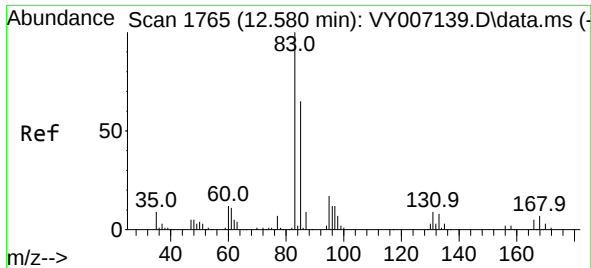
Tgt Ion:105 Resp: 294995  
Ion Ratio Lower Upper  
105 100  
120 25.5 13.1 39.1



#74  
N-ethyl acetate  
Concen: 54.366 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.007 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion: 43 Resp: 80978  
Ion Ratio Lower Upper  
43 100  
70 43.5 36.2 54.4  
55 23.4 19.0 28.4  
61 24.6 20.4 30.6

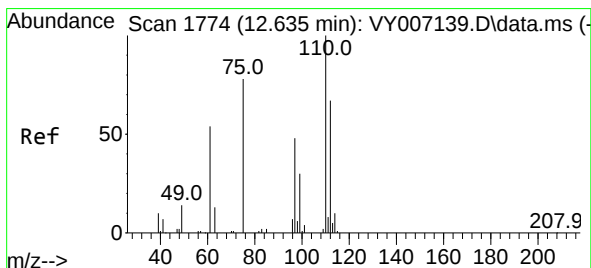
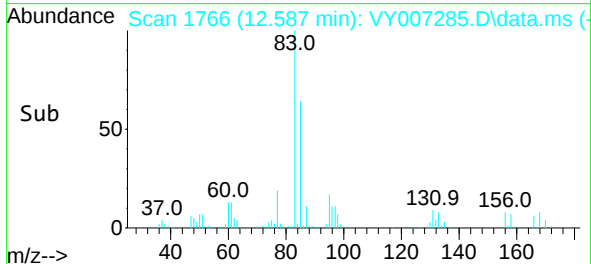
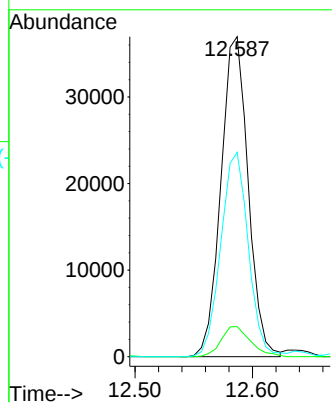
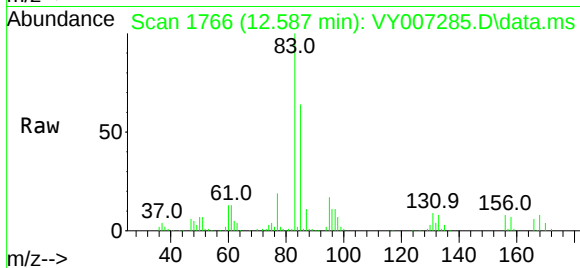




#75  
1,1,2,2-Tetrachloroethane  
Concen: 55.002 ug/l  
RT: 12.587 min Scan# 1765  
Delta R.T. 0.007 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

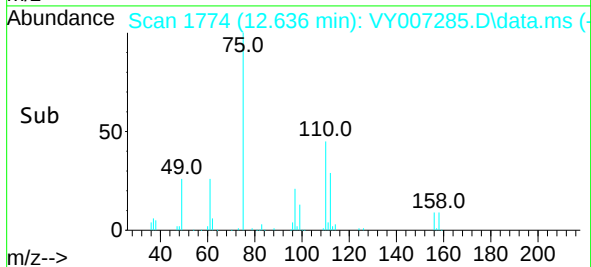
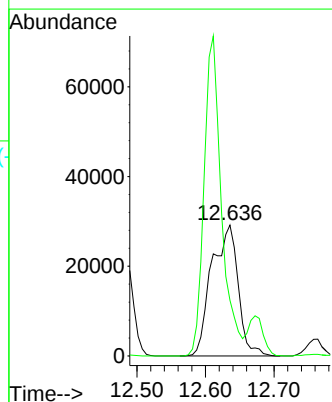
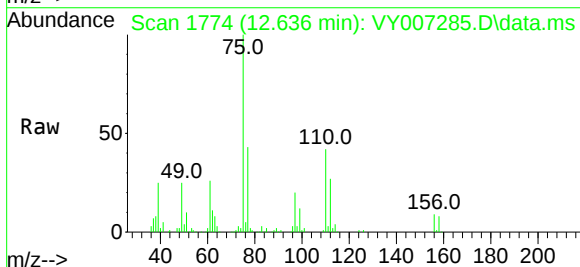
Instrument :  
MSVOA\_Y  
ClientSampleId :

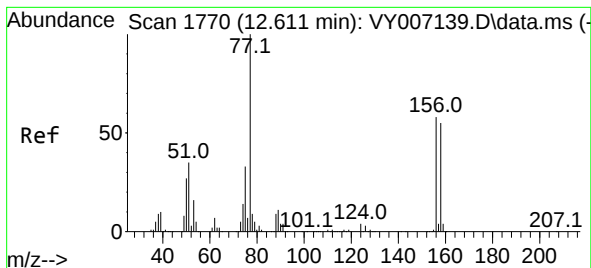
Tgt Ion: 83 Resp: 59574  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.3 16.1  
85 64.5 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 106.858 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion: 75 Resp: 78579  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.557 ug/l

RT: 12.611 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Instrument :

MSVOA\_Y

ClientSampleId :

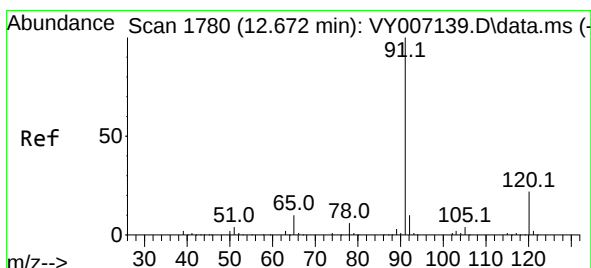
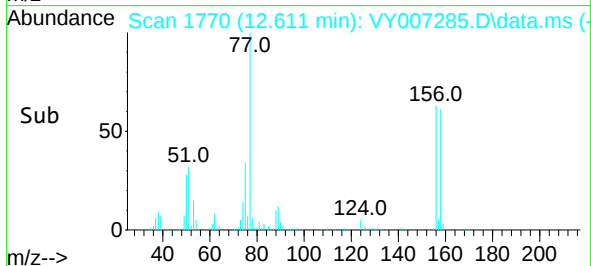
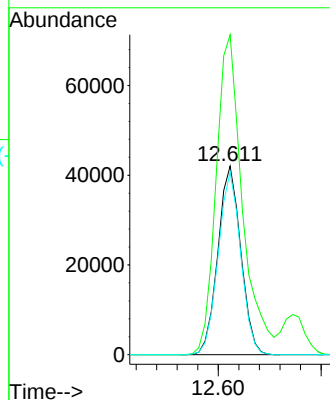
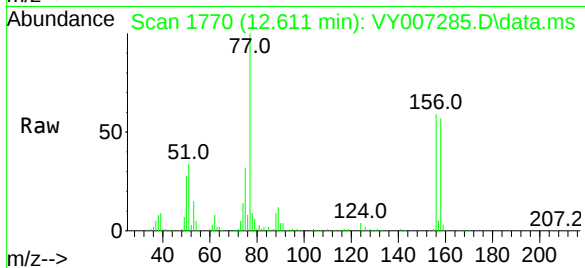
Tgt Ion:156 Resp: 64911

Ion Ratio Lower Upper

156 100

77 194.5 98.7 296.1

158 95.4 48.4 145.2



#78

n-propylbenzene

Concen: 52.297 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.001 min

Lab File: VY007285.D

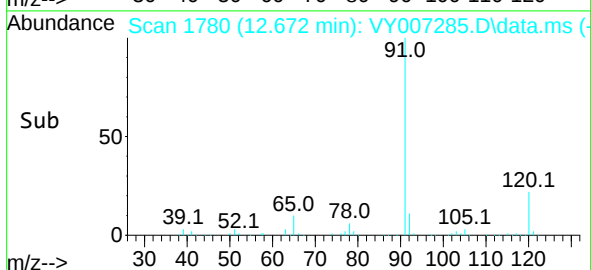
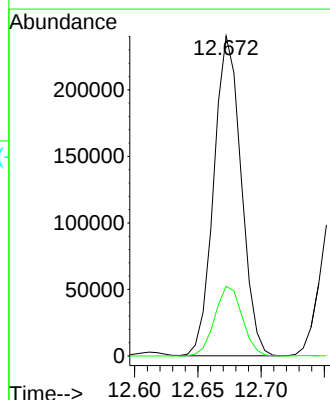
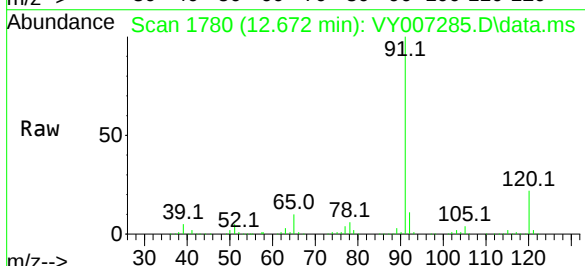
Acq: 25 Jan 2022 10:21

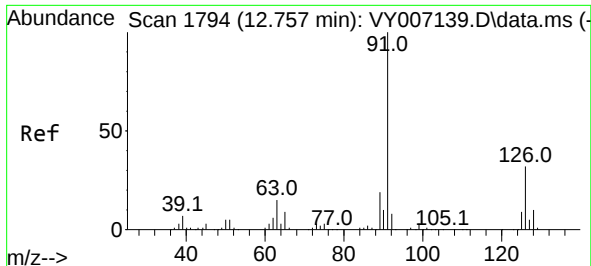
Tgt Ion: 91 Resp: 361103

Ion Ratio Lower Upper

91 100

120 21.9 11.2 33.5

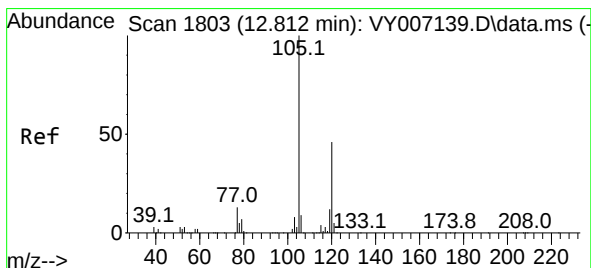
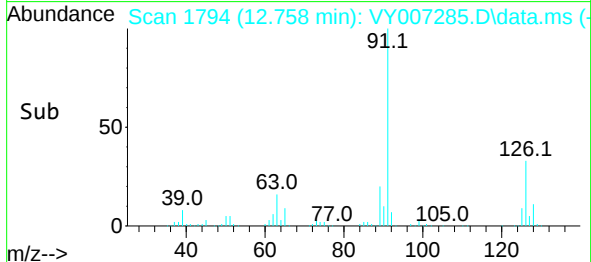
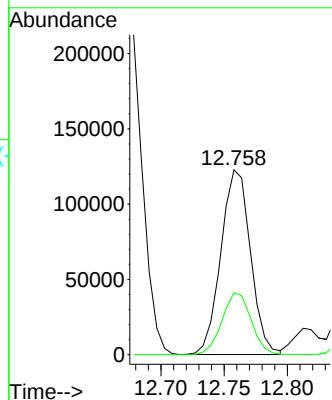
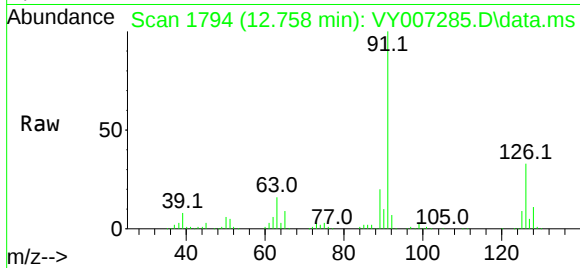




#79  
2-Chlorotoluene  
Concen: 52.110 ug/l  
RT: 12.758 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

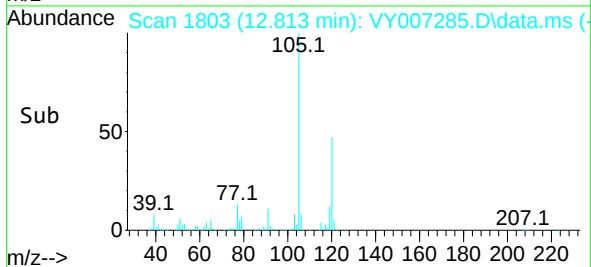
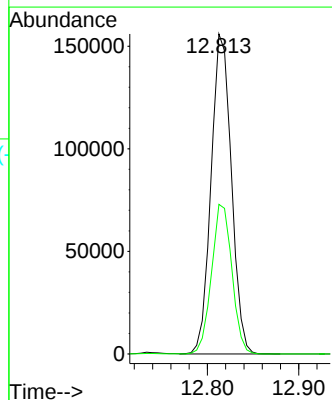
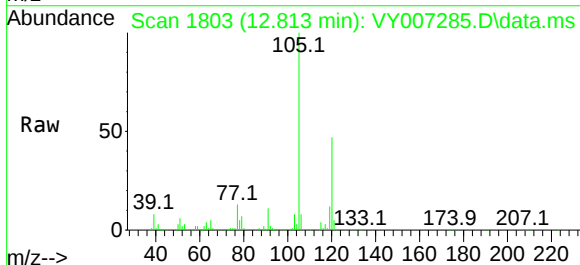
Instrument :  
MSVOA\_Y  
ClientSampleId :

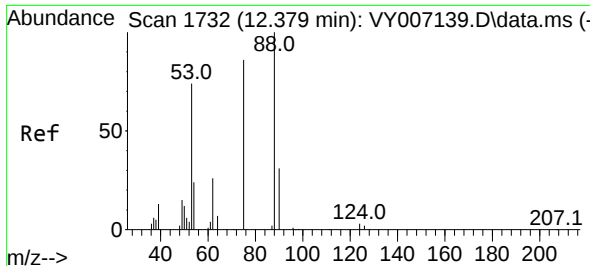
Tgt Ion: 91 Resp: 200055  
Ion Ratio Lower Upper  
91 100  
126 33.0 16.4 49.1



#80  
1,3,5-Trimethylbenzene  
Concen: 52.737 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion: 105 Resp: 241191  
Ion Ratio Lower Upper  
105 100  
120 47.0 23.7 71.1

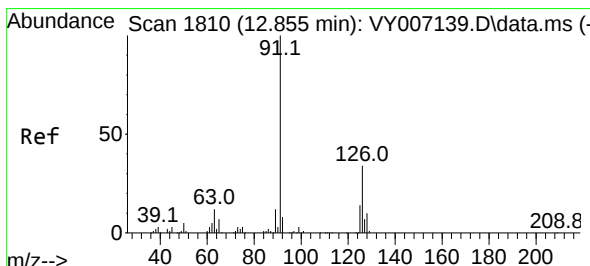
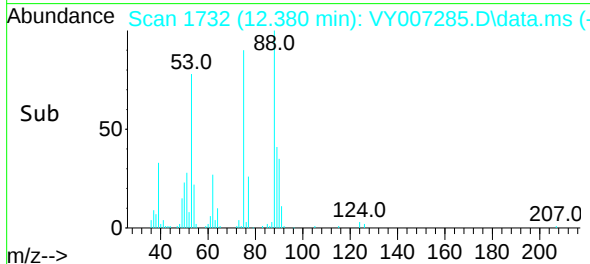
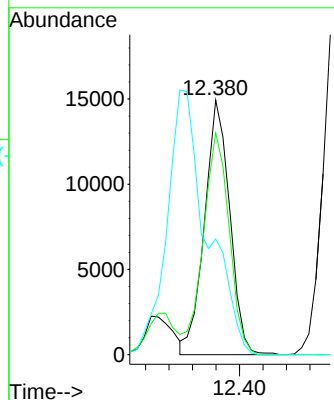
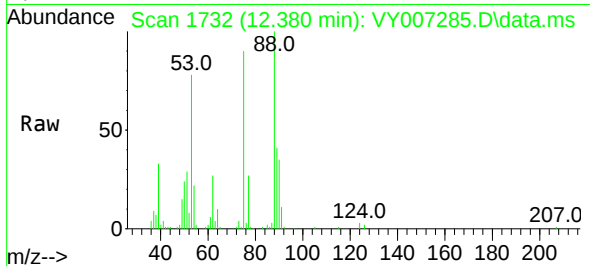




#81  
trans-1,4-Dichloro-2-butene  
Concen: 55.321 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

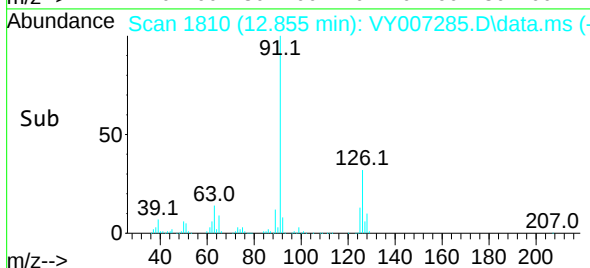
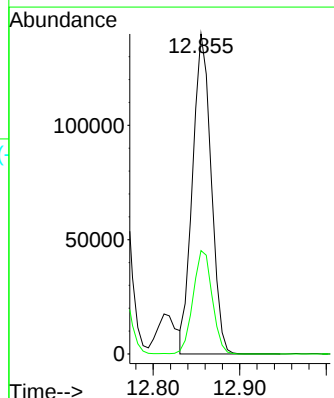
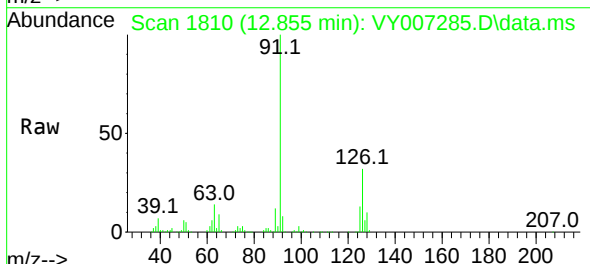
Instrument :  
MSVOA\_Y  
ClientSampleId :

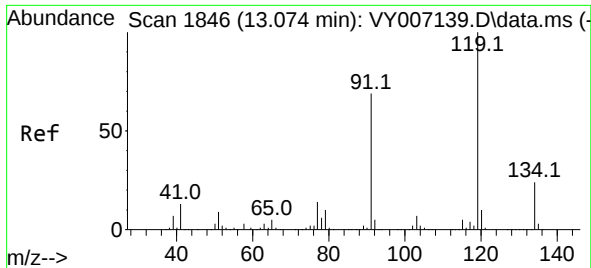
Tgt Ion: 75 Resp: 22221  
Ion Ratio Lower Upper  
75 100  
53 89.7 73.9 110.9  
89 0.0 0.0 0.0



#82  
4-Chlorotoluene  
Concen: 52.054 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion: 91 Resp: 208462  
Ion Ratio Lower Upper  
91 100  
126 33.4 16.3 48.9

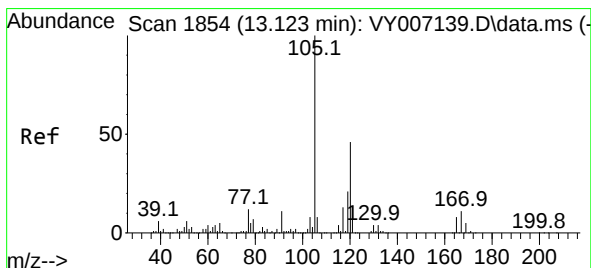
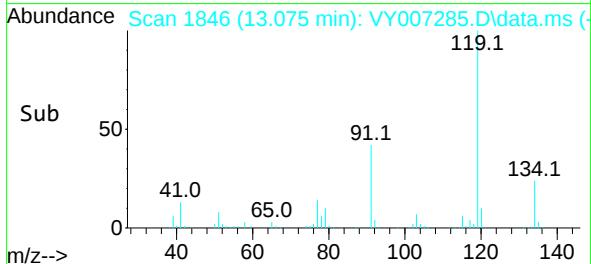
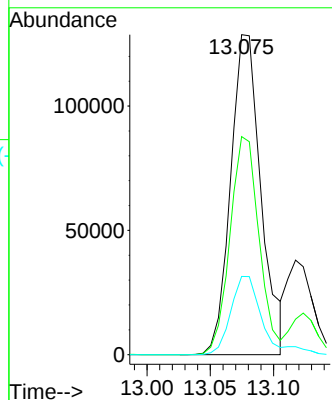
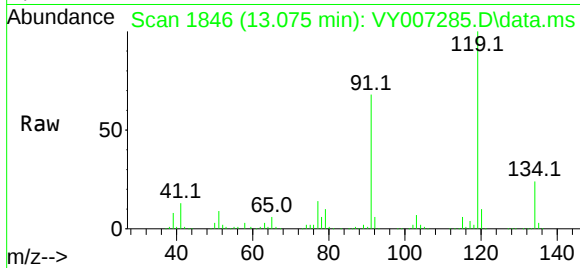




#83  
tert-Butylbenzene  
Concen: 54.524 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

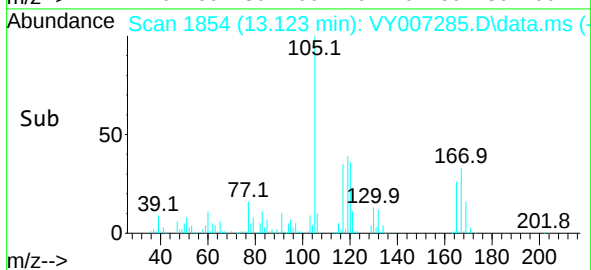
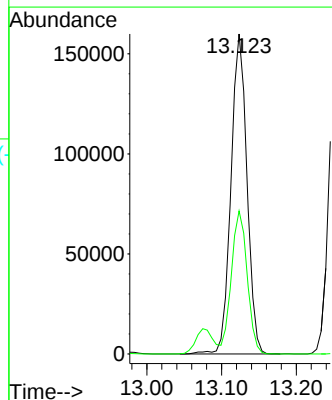
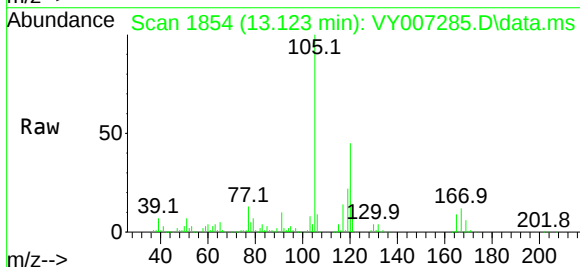
Instrument :  
MSVOA\_Y  
ClientSampleId :

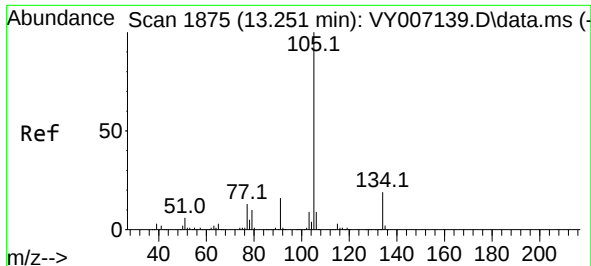
Tgt Ion:119 Resp: 215471  
Ion Ratio Lower Upper  
119 100  
91 65.2 33.1 99.5  
134 25.4 12.9 38.7



#84  
1,2,4-Trimethylbenzene  
Concen: 52.523 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion:105 Resp: 238102  
Ion Ratio Lower Upper  
105 100  
120 44.1 21.6 64.6

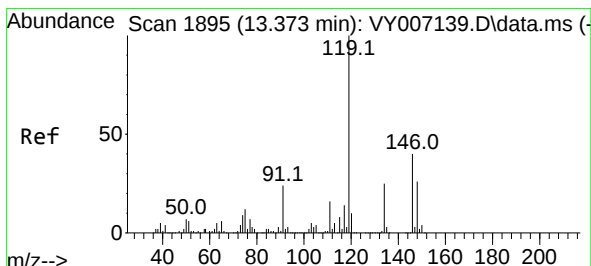
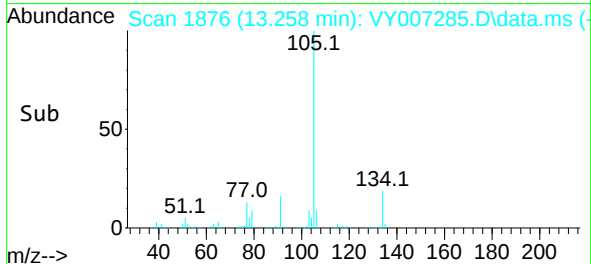
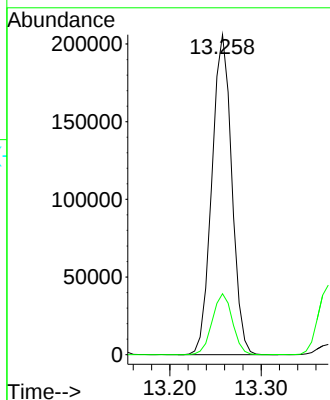
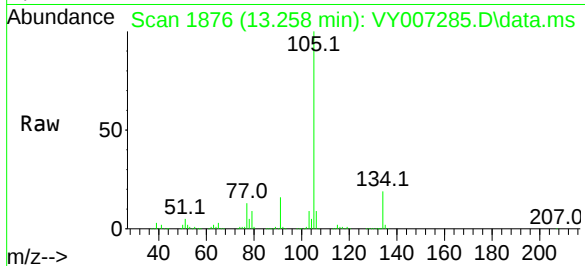




#85  
 sec-Butylbenzene  
 Concen: 52.672 ug/l  
 RT: 13.258 min Scan# 1876  
 Delta R.T. 0.007 min  
 Lab File: VY007285.D  
 Acq: 25 Jan 2022 10:21

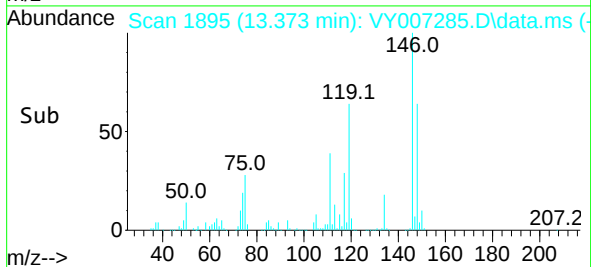
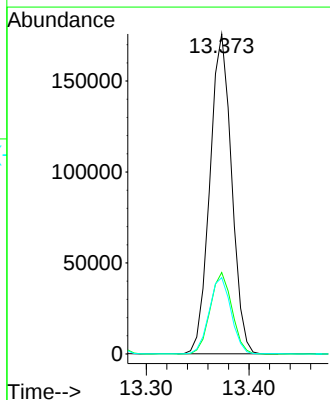
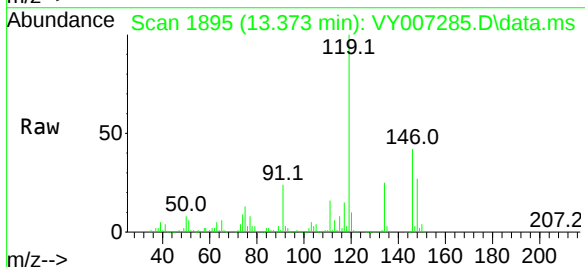
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

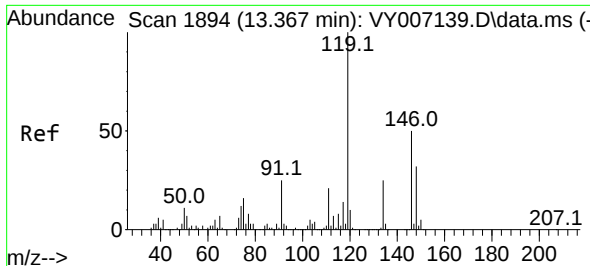
Tgt Ion:105 Resp: 311400  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.9 29.7



#86  
 p-Isopropyltoluene  
 Concen: 53.024 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.001 min  
 Lab File: VY007285.D  
 Acq: 25 Jan 2022 10:21

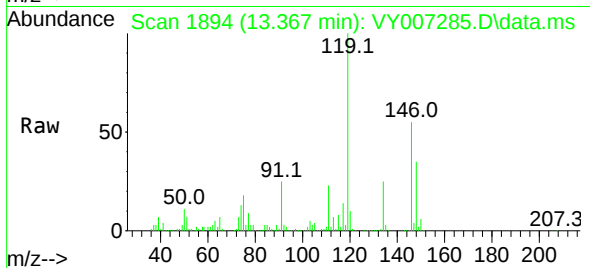
Tgt Ion:119 Resp: 257615  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.9 38.7  
 91 24.1 12.4 37.2



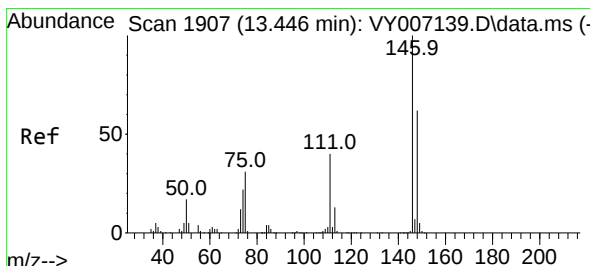
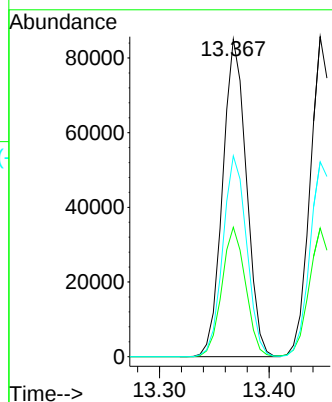
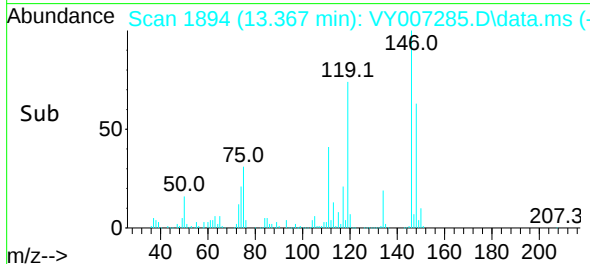


#87  
1,3-Dichlorobenzene  
Concen: 54.017 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

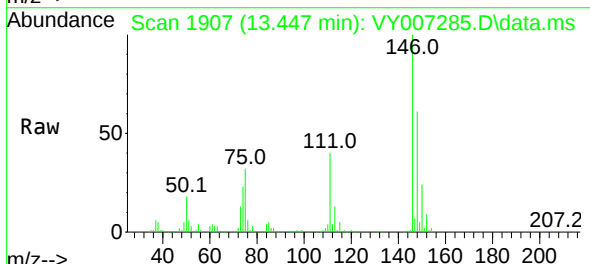
Instrument :  
MSVOA\_Y  
ClientSampleId :



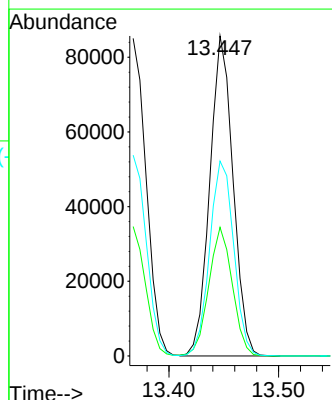
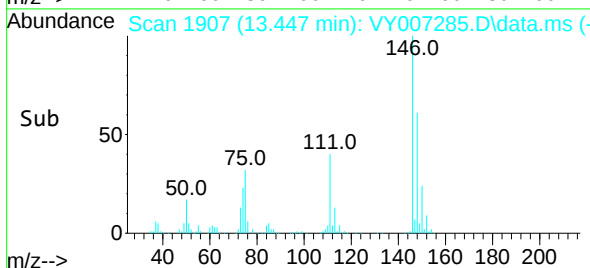
Tgt Ion:146 Resp: 128144  
Ion Ratio Lower Upper  
146 100  
111 40.6 21.1 63.1  
148 63.4 31.9 95.7

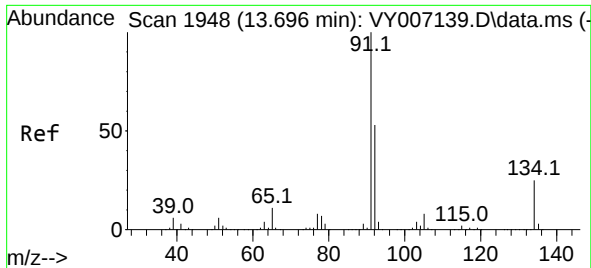


#88  
1,4-Dichlorobenzene  
Concen: 53.008 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21



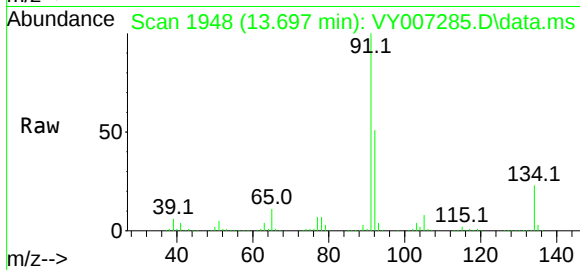
Tgt Ion:146 Resp: 126449  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.7 62.1  
148 63.2 32.0 96.2



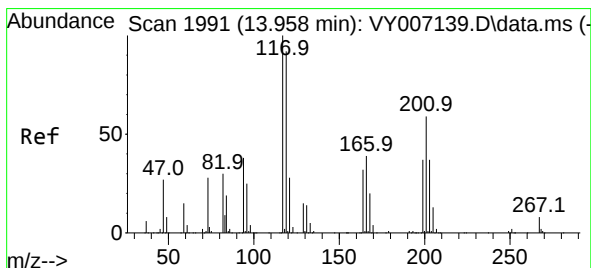
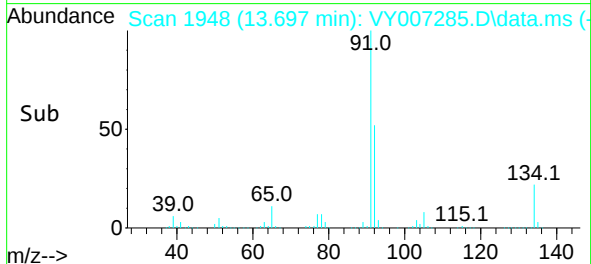
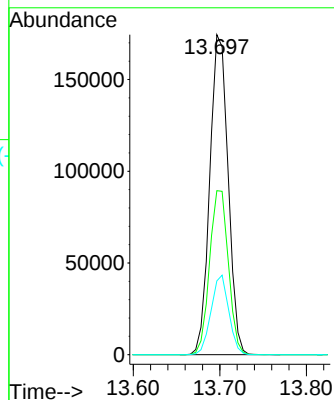


#89  
n-Butylbenzene  
Concen: 53.641 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. 0.001 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Instrument :  
MSVOA\_Y  
ClientSampleId :

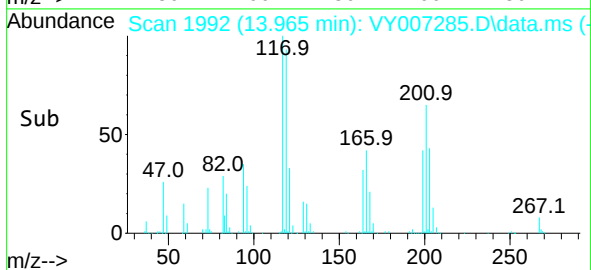
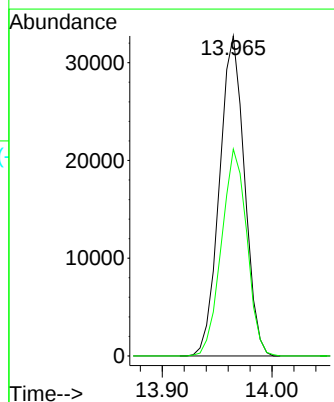
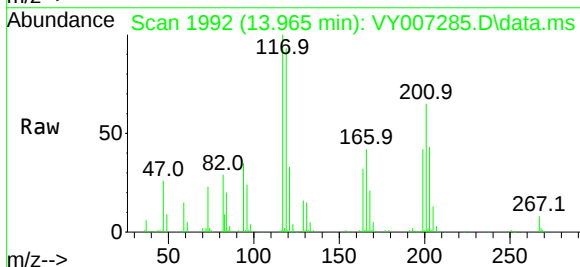


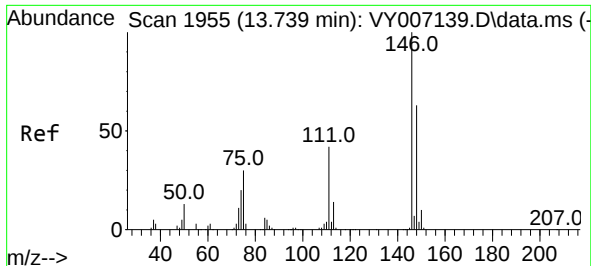
Tgt Ion: 91 Resp: 256608  
Ion Ratio Lower Upper  
91 100  
92 52.5 26.9 80.6  
134 24.0 12.6 37.6



#90  
Hexachloroethane  
Concen: 54.641 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.007 min  
Lab File: VY007285.D  
Acq: 25 Jan 2022 10:21

Tgt Ion: 117 Resp: 51900  
Ion Ratio Lower Upper  
117 100  
201 65.5 33.6 100.6





#91

1,2-Dichlorobenzene

Concen: 52.575 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.007 min

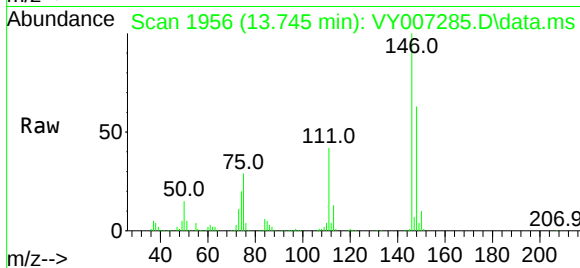
Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Instrument :

MSVOA\_Y

ClientSampleId :



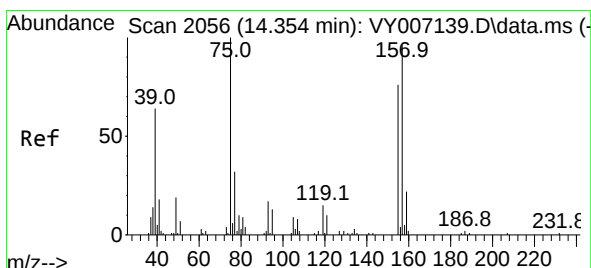
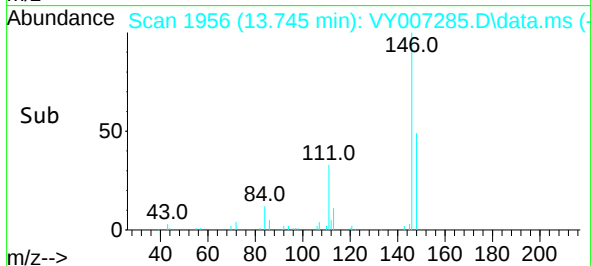
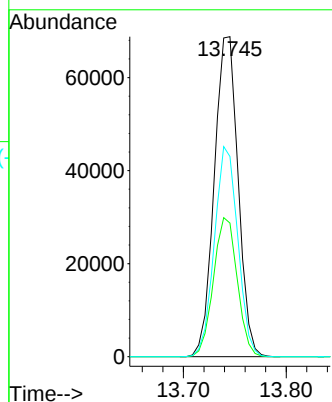
Tgt Ion:146 Resp: 110973

Ion Ratio Lower Upper

146 100

111 43.4 21.4 64.3

148 64.5 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.831 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.007 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

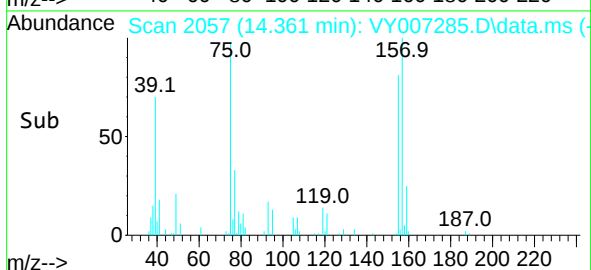
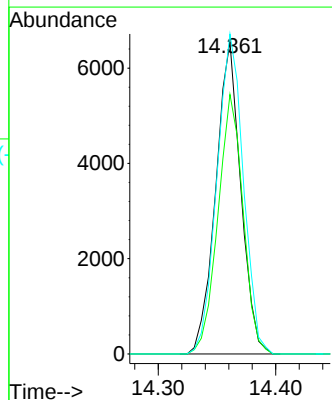
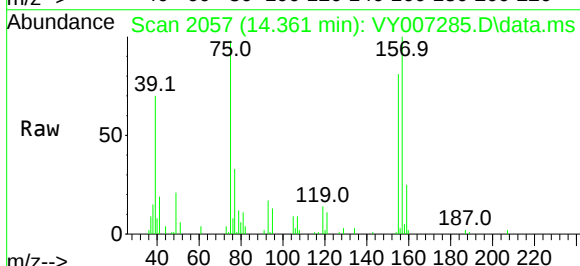
Tgt Ion: 75 Resp: 9696

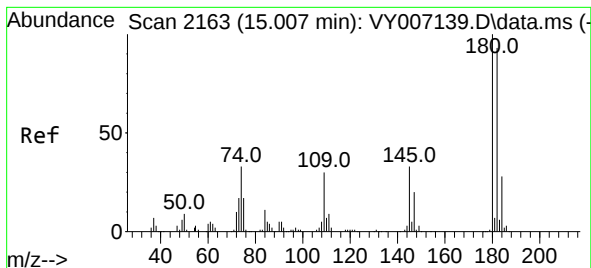
Ion Ratio Lower Upper

75 100

155 83.2 40.1 120.2

157 108.2 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 54.253 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.001 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Instrument :

MSVOA\_Y

ClientSampleId :

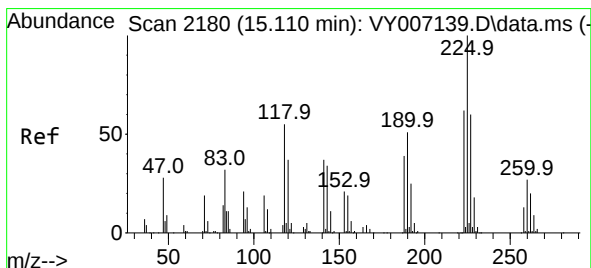
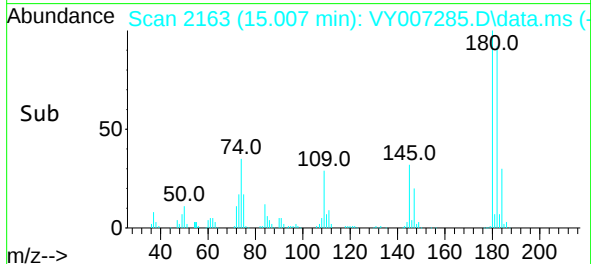
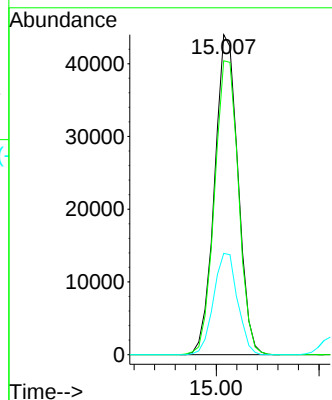
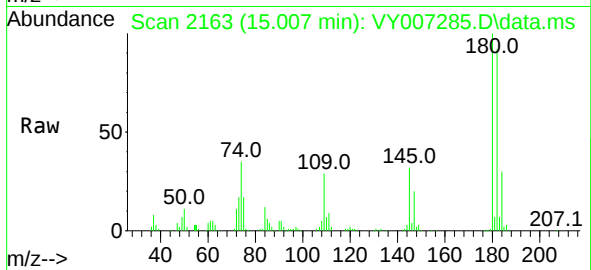
Tgt Ion:180 Resp: 69638

Ion Ratio Lower Upper

180 100

182 93.9 47.6 142.8

145 32.3 16.4 49.1



#94

Hexachlorobutadiene

Concen: 53.391 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.007 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

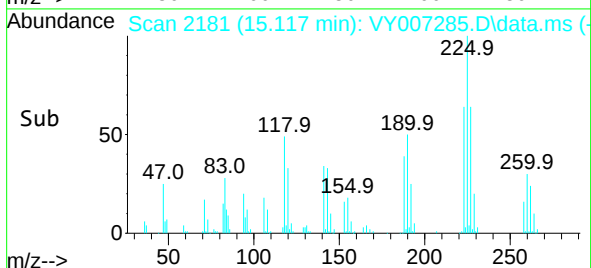
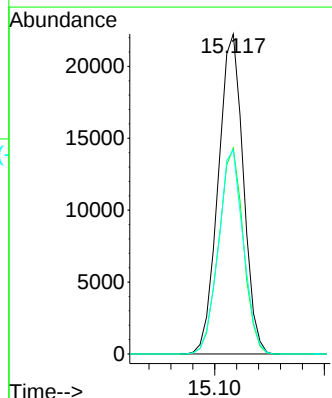
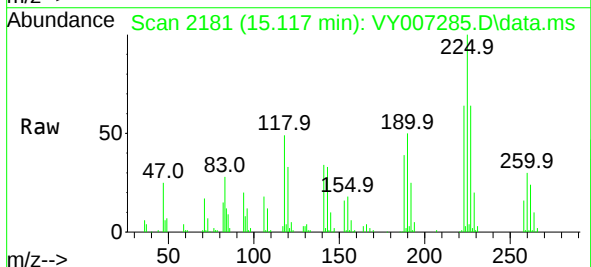
Tgt Ion:225 Resp: 35320

Ion Ratio Lower Upper

225 100

223 63.1 32.6 97.8

227 63.2 32.0 96.2





#95

Naphthalene

Concen: 55.239 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.001 min

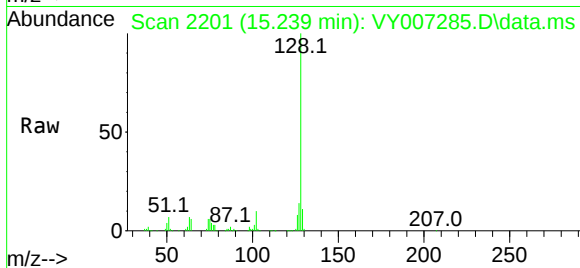
Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Instrument :

MSVOA\_Y

ClientSampleId :



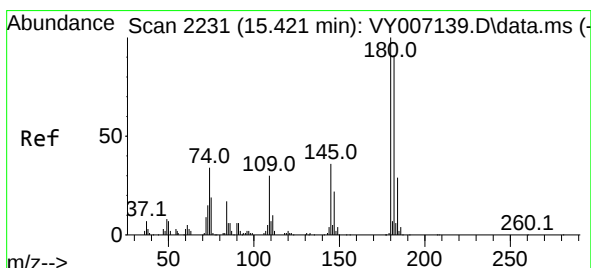
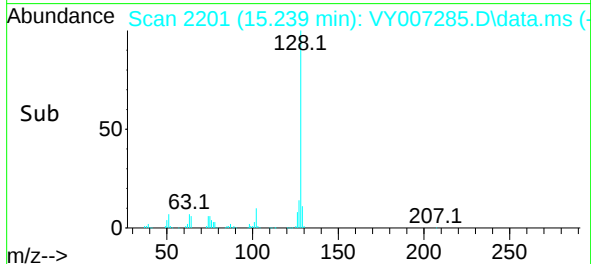
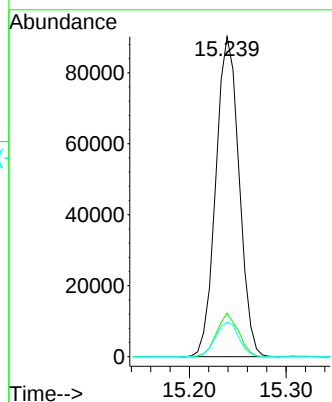
Tgt Ion:128 Resp: 150596

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 54.214 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.007 min

Lab File: VY007285.D

Acq: 25 Jan 2022 10:21

Tgt Ion:180 Resp: 59369

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 34.5 17.2 51.5

