

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY022422\  
 Data File : VY007616.D  
 Acq On : 24 Feb 2022 11:39  
 Operator : SY/MD  
 Sample : VY0224SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0224SBS01

Quant Time: Feb 25 05:41:28 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022322S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 24 07:13:58 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 58784    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 90604    | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 89606    | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 44672    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 34646    | 52.980   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 105.960% |      |
| 35) Dibromofluoromethane    | 7.716  | 113   | 30606    | 53.535   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 107.080% |      |
| 50) Toluene-d8              | 10.179 | 98    | 100980   | 47.912   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 95.820%  |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 36391    | 50.341   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 100.680% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 19127  | 26.308  | ug/l   | 97  |
| 3) Chloromethane             | 2.113 | 50  | 19151  | 27.000  | ug/l   | 94  |
| 4) Vinyl Chloride            | 2.253 | 62  | 20942  | 24.284  | ug/l   | 99  |
| 5) Bromomethane              | 2.649 | 94  | 15440  | 27.794  | ug/l   | 100 |
| 6) Chloroethane              | 2.796 | 64  | 13302  | 24.244  | ug/l   | 90  |
| 7) Trichlorofluoromethane    | 3.131 | 101 | 39035  | 23.466  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.533 | 74  | 10151  | 23.915  | ug/l   | 57  |
| 9) 1,1,2-Trichlorotrifluo... | 3.905 | 101 | 16803  | 23.512  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.094 | 142 | 20372  | 23.356  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.954 | 59  | 7649   | 116.134 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 3.881 | 96  | 15981  | 24.067  | ug/l # | 67  |
| 13) Acrolein                 | 3.729 | 56  | 10495  | 124.696 | ug/l   | 99  |
| 14) Allyl chloride           | 4.478 | 41  | 14144  | 23.041  | ug/l # | 58  |
| 15) Acrylonitrile            | 5.167 | 53  | 17770  | 121.395 | ug/l   | 99  |
| 16) Acetone                  | 3.954 | 43  | 19358  | 129.979 | ug/l   | 95  |
| 17) Carbon Disulfide         | 4.198 | 76  | 39394  | 23.872  | ug/l # | 94  |
| 18) Methyl Acetate           | 4.485 | 43  | 8154   | 26.039  | ug/l # | 67  |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 43430  | 24.336  | ug/l # | 84  |
| 20) Methylene Chloride       | 4.722 | 84  | 18040  | 24.109  | ug/l # | 77  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 15092  | 22.781  | ug/l # | 80  |
| 22) Diisopropyl ether        | 6.124 | 45  | 31285  | 24.255  | ug/l # | 84  |
| 23) Vinyl Acetate            | 6.064 | 43  | 116203 | 124.877 | ug/l # | 76  |
| 24) 1,1-Dichloroethane       | 6.027 | 63  | 22318  | 22.657  | ug/l   | 97  |
| 25) 2-Butanone               | 6.984 | 43  | 20340  | 120.462 | ug/l # | 79  |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 25433  | 22.995  | ug/l   | 89  |
| 27) cis-1,2-Dichloroethene   | 6.990 | 96  | 18145  | 23.597  | ug/l   | 75  |
| 28) Bromochloromethane       | 7.332 | 49  | 8860   | 26.386  | ug/l # | 34  |
| 29) Tetrahydrofuran          | 7.350 | 42  | 12435  | 126.540 | ug/l # | 54  |
| 30) Chloroform               | 7.514 | 83  | 28953  | 22.961  | ug/l   | 97  |
| 31) Cyclohexane              | 7.789 | 56  | 18442  | 25.120  | ug/l # | 71  |
| 32) 1,1,1-Trichloroethane    | 7.703 | 97  | 29392  | 23.437  | ug/l   | 94  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 18849  | 22.879  | ug/l   | 89  |
| 37) Ethyl Acetate            | 7.088 | 43  | 9227   | 24.878  | ug/l # | 92  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 28701  | 23.790  | ug/l   | 89  |
| 39) Methylcyclohexane        | 9.179 | 83  | 24967  | 25.623  | ug/l # | 84  |
| 40) Benzene                  | 8.161 | 78  | 55246  | 23.503  | ug/l   | 98  |

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 Sample : VY0224SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0224SBS01

Quant Time: Feb 25 05:41:28 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022322S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 24 07:13:58 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.307  | 41   | 4239     | 20.724  | ug/l # | 50       |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 20575    | 23.896  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 8.270  | 43   | 18563    | 24.503  | ug/l # | 86       |
| 44) Trichloroethene           | 8.947  | 130  | 19204    | 24.077  | ug/l   | 88       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 11855    | 23.699  | ug/l   | 89       |
| 46) Dibromomethane            | 9.307  | 93   | 10502    | 24.483  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.496  | 83   | 23146    | 23.959  | ug/l # | 96       |
| 48) Methyl methacrylate       | 9.289  | 41   | 7824     | 24.490  | ug/l # | 53       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 2733     | 500.764 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 47546    | 124.702 | ug/l   | 90       |
| 52) Toluene                   | 10.246 | 92   | 36751    | 22.922  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 23491    | 24.234  | ug/l   | 93       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 24585    | 24.021  | ug/l   | 90       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 13916    | 25.188  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 16388    | 25.168  | ug/l # | 78       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 20994    | 24.766  | ug/l   | 92       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 39006    | 123.103 | ug/l # | 75       |
| 59) 2-Hexanone                | 10.831 | 43   | 34172    | 125.759 | ug/l   | 90       |
| 60) Dibromochloromethane      | 10.983 | 129  | 18767    | 25.115  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 13824    | 24.866  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 18151    | 25.166  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.514 | 112  | 45217    | 23.150  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 17369    | 22.444  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 72763    | 22.213  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 58403    | 45.526  | ug/l   | 93       |
| 69) o-Xylene                  | 12.026 | 106  | 28553    | 22.631  | ug/l   | 93       |
| 70) Styrene                   | 12.044 | 104  | 49030    | 23.231  | ug/l   | 97       |
| 71) Bromoform                 | 12.209 | 173  | 11166    | 21.783  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 76457    | 22.219  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.142 | 43   | 15730    | 23.473  | ug/l # | 88       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 14467    | 23.187  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 20267    | 45.362  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 20328    | 22.662  | ug/l   | 80       |
| 78) n-propylbenzene           | 12.672 | 91   | 88201    | 22.194  | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 48508    | 21.925  | ug/l   | 92       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 64043    | 21.878  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 4609     | 22.181  | ug/l # | 88       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 49449    | 21.917  | ug/l   | 94       |
| 83) tert-Butylbenzene         | 13.074 | 119  | 56767    | 21.701  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 64322    | 22.419  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 80606    | 21.807  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 69489    | 21.875  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 36625    | 21.980  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 37733    | 23.130  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.696 | 91   | 62214    | 21.752  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.958 | 117  | 14017    | 21.891  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 33743    | 22.292  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 3007     | 23.962  | ug/l   | 75       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 23372    | 22.143  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 13146    | 22.448  | ug/l   | 96       |
| 95) Naphthalene               | 15.233 | 128  | 50944    | 22.488  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 20709    | 22.711  | ug/l   | 98       |

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Operator : SY/MD  
Sample : VY0224SBS01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 4 Sample Multiplier: 1

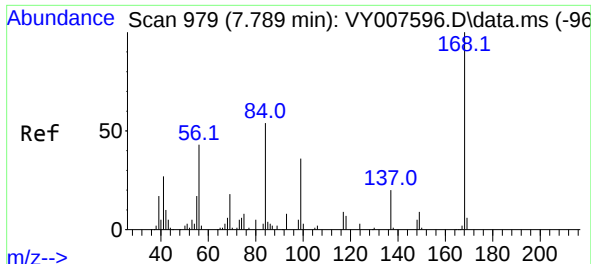
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

Quant Time: Feb 25 05:41:28 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022322S.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 24 07:13:58 2022  
Response via : Initial Calibration

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

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

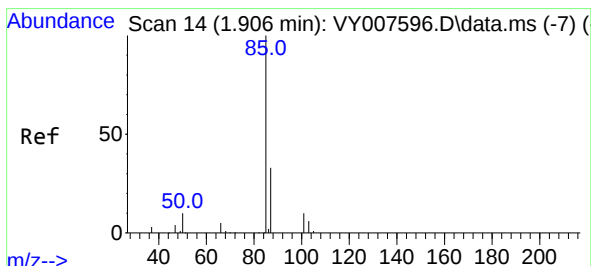
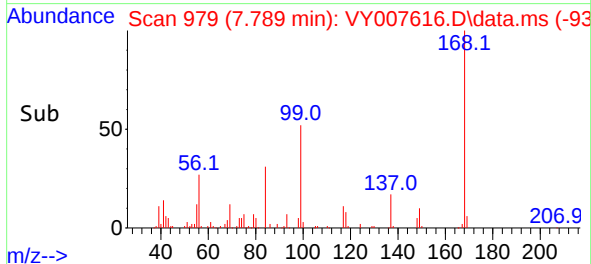
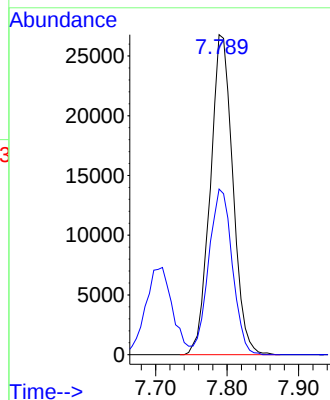
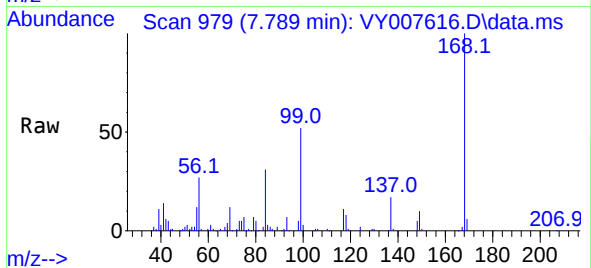




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

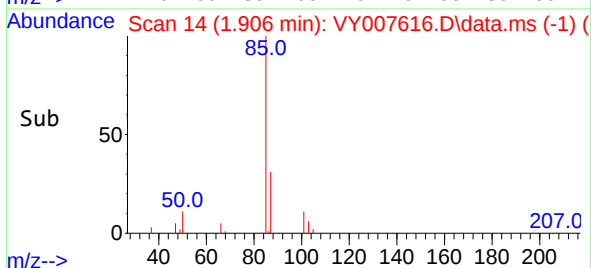
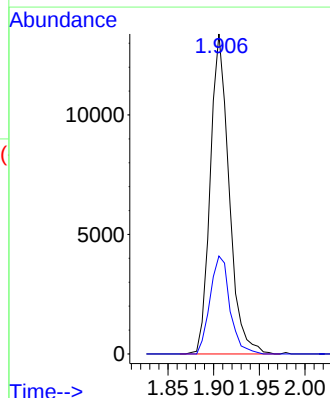
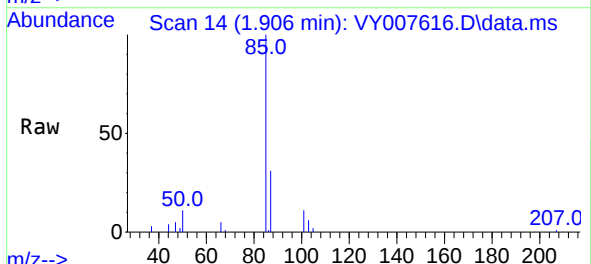
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

Tgt Ion:168 Resp: 58784  
Ion Ratio Lower Upper  
168 100  
99 51.7 46.9 70.3

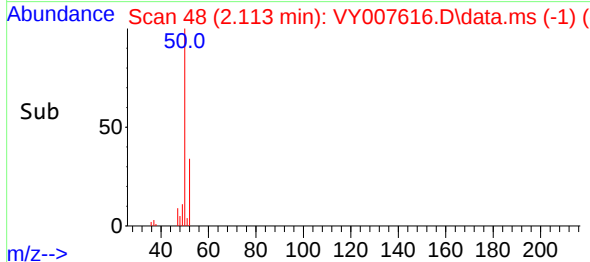
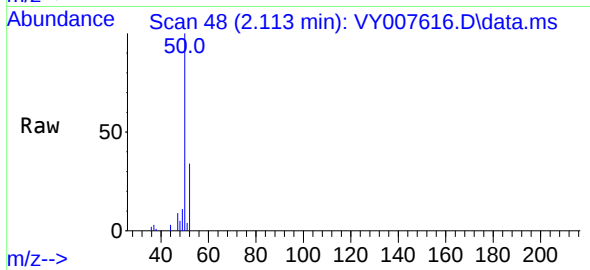
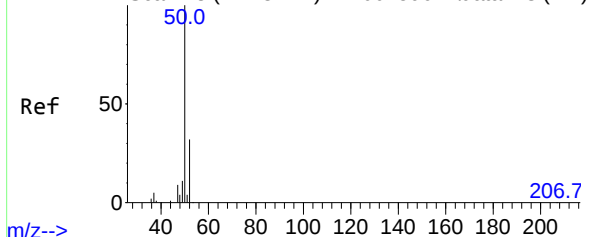


#2  
Dichlorodifluoromethane  
Concen: 26.308 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 85 Resp: 19127  
Ion Ratio Lower Upper  
85 100  
87 30.6 16.1 48.2



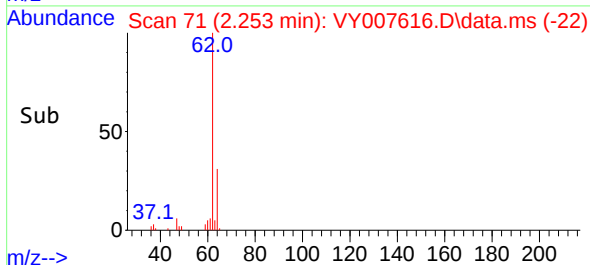
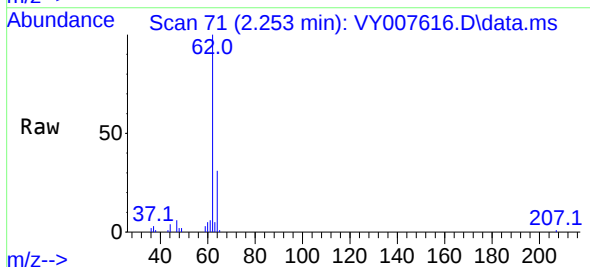
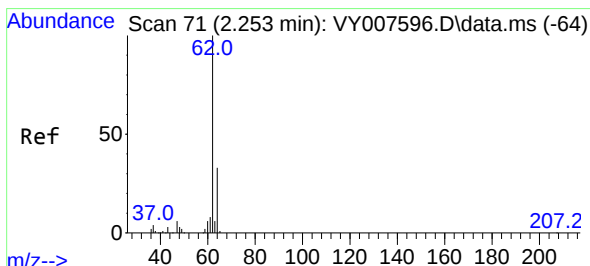
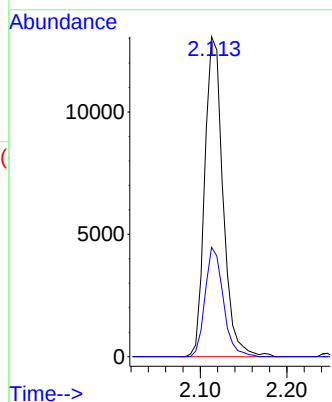
Abundance Scan 48 (2.113 min): VY007596.D\data.ms (-42)



#3  
Chloromethane  
Concen: 27.000 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

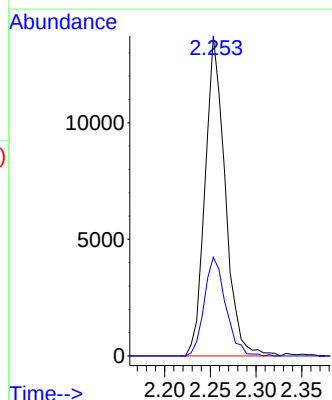
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

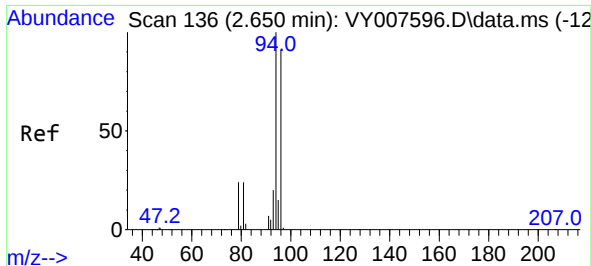
Tgt Ion: 50 Resp: 19151  
Ion Ratio Lower Upper  
50 100  
52 34.2 24.6 37.0



#4  
Vinyl Chloride  
Concen: 24.284 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 62 Resp: 20942  
Ion Ratio Lower Upper  
62 100  
64 30.9 25.0 37.6

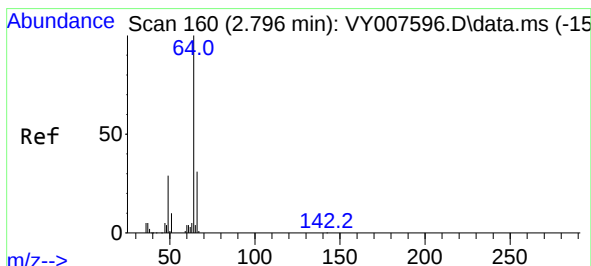
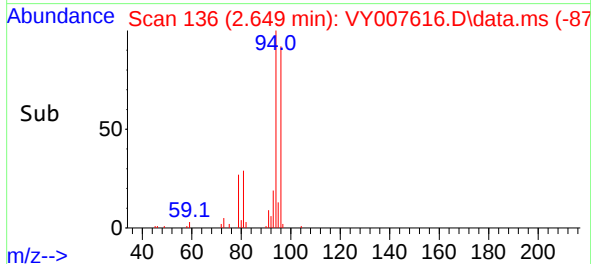
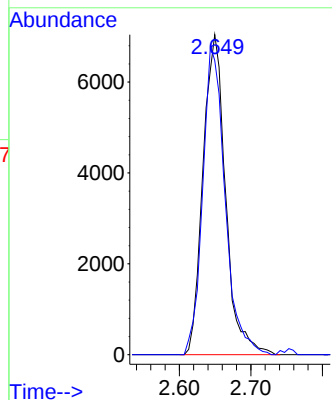
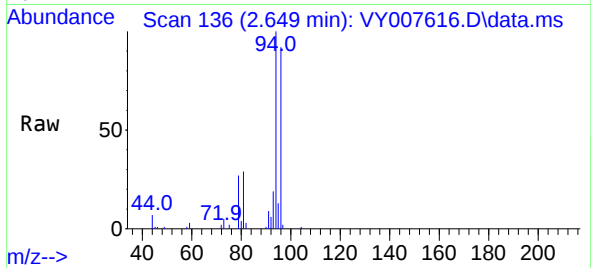




#5  
Bromomethane  
Concen: 27.794 ug/l  
RT: 2.649 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

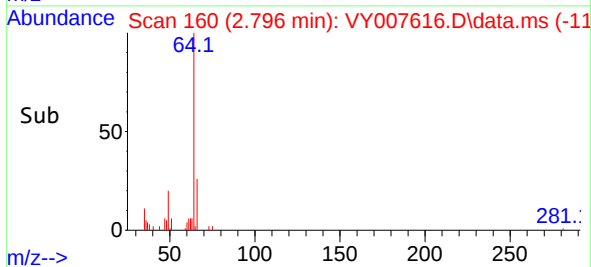
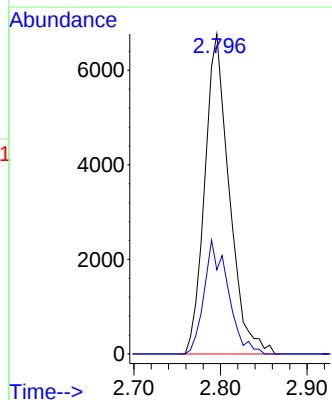
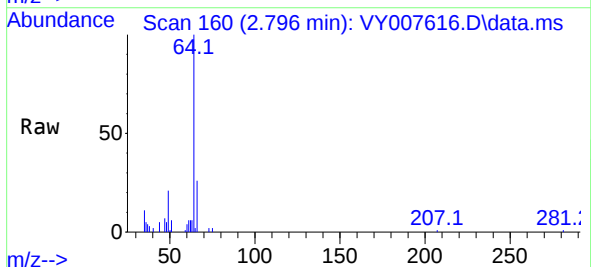
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

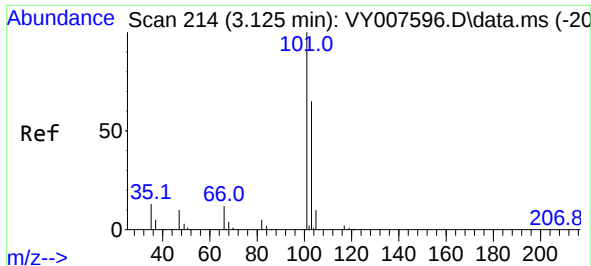
Tgt Ion: 94 Resp: 15440  
Ion Ratio Lower Upper  
94 100  
96 91.9 73.5 110.3



#6  
Chloroethane  
Concen: 24.244 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 64 Resp: 13302  
Ion Ratio Lower Upper  
64 100  
66 26.3 25.4 38.0

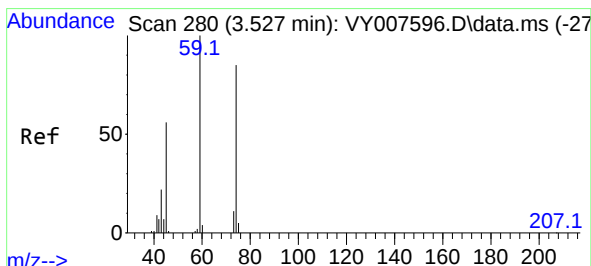
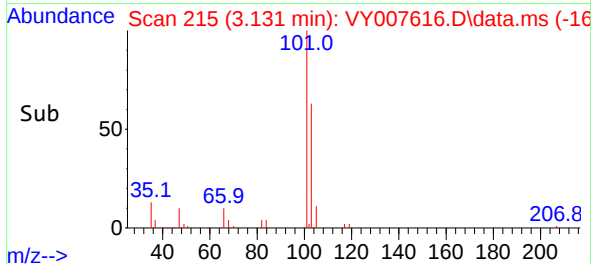
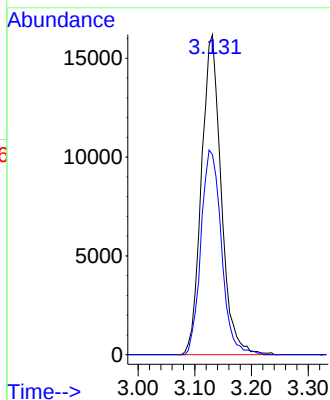
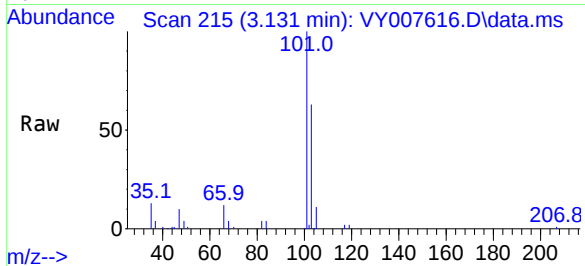




#7  
Trichlorofluoromethane  
Concen: 23.466 ug/l  
RT: 3.131 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

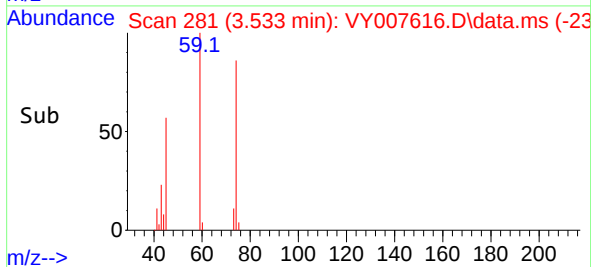
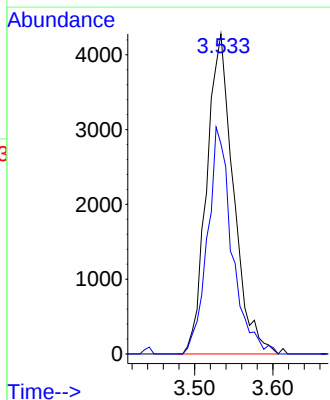
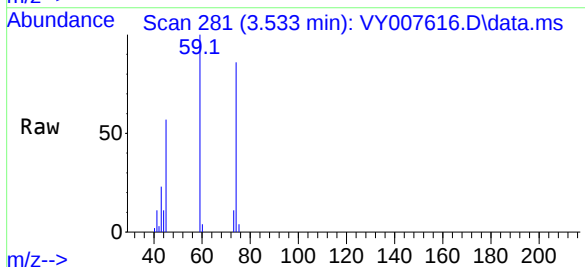
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

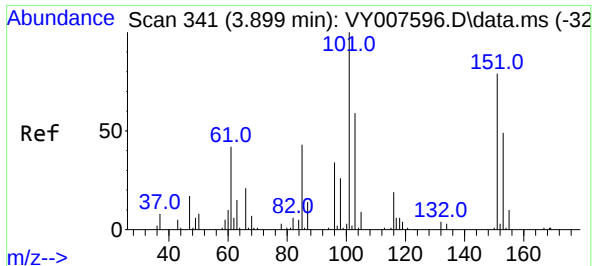
Tgt Ion:101 Resp: 39035  
Ion Ratio Lower Upper  
101 100  
103 62.6 48.0 72.0



#8  
Diethyl Ether  
Concen: 23.915 ug/l  
RT: 3.533 min Scan# 281  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 74 Resp: 10151  
Ion Ratio Lower Upper  
74 100  
45 65.2 55.1 165.5

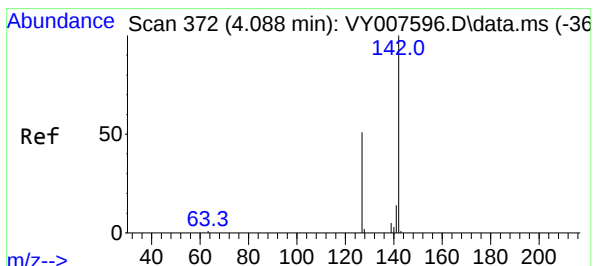
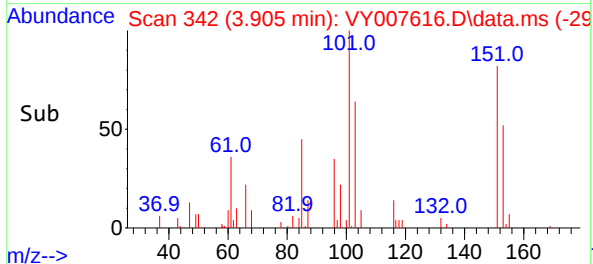
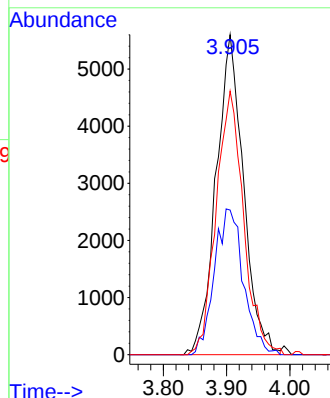
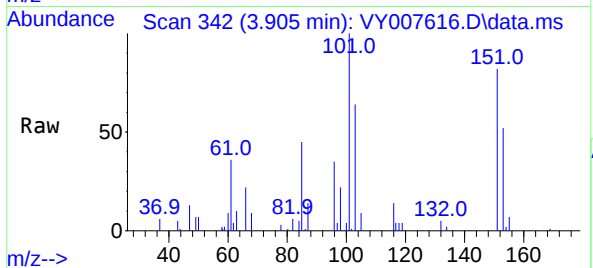




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 23.512 ug/l  
RT: 3.905 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

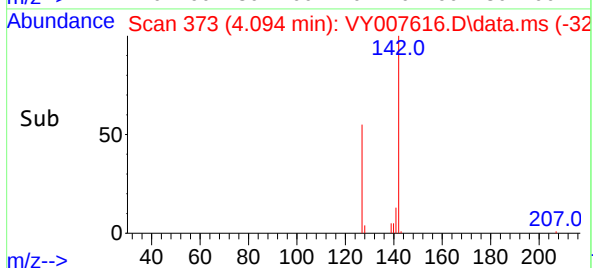
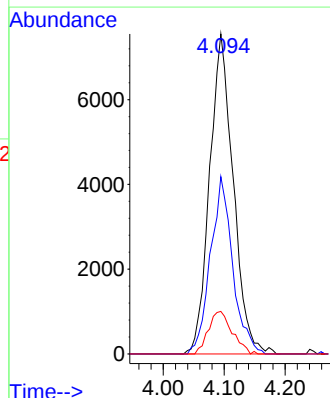
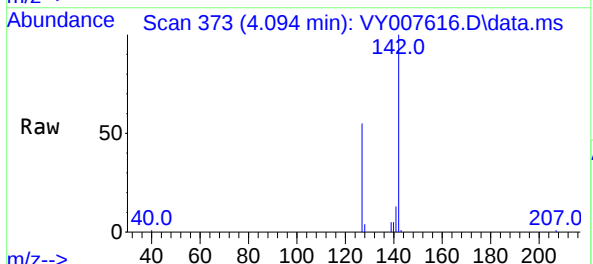
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

Tgt Ion:101 Resp: 16803  
Ion Ratio Lower Upper  
101 100  
85 48.5 40.6 60.8  
151 82.6 64.9 97.3



#10  
Methyl Iodide  
Concen: 23.356 ug/l  
RT: 4.094 min Scan# 373  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion:142 Resp: 20372  
Ion Ratio Lower Upper  
142 100  
127 52.2 41.5 62.3  
141 13.4 11.9 17.9

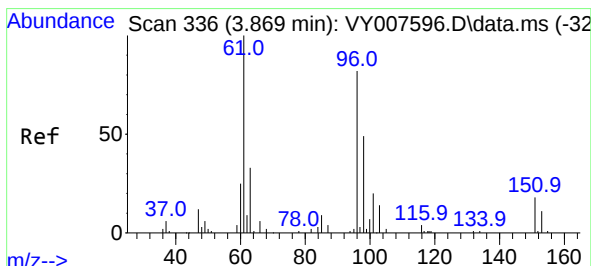
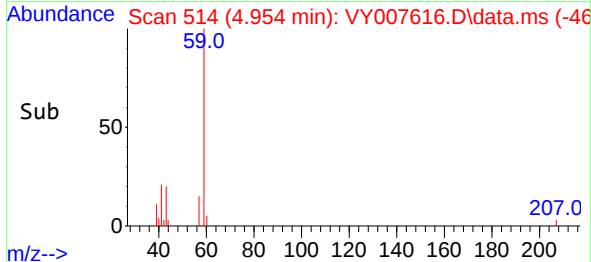
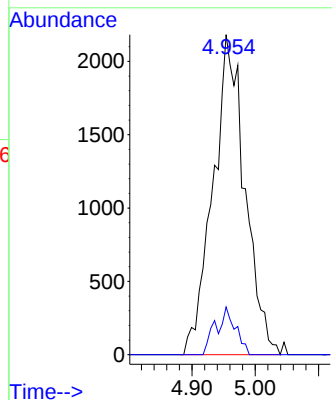
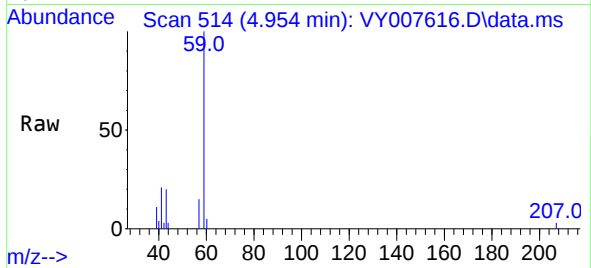




#11  
Tert butyl alcohol  
Concen: 116.134 ug/l  
RT: 4.954 min Scan# 513  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

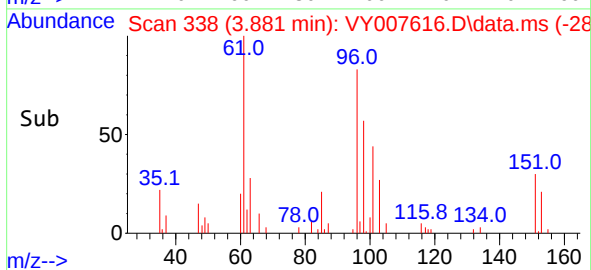
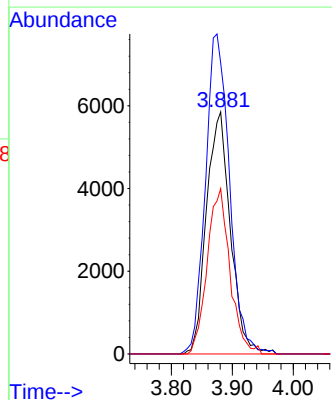
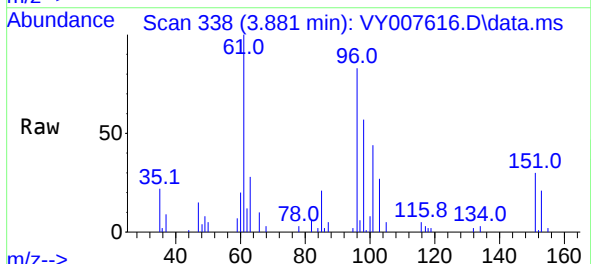
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

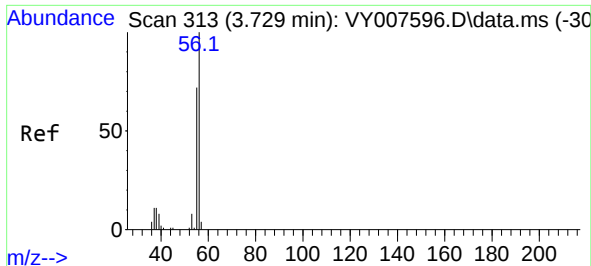
Tgt Ion: 59 Resp: 7649  
Ion Ratio Lower Upper  
59 100  
57 9.2 6.4 9.6



#12  
1,1-Dichloroethene  
Concen: 24.067 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. 0.012 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 96 Resp: 15981  
Ion Ratio Lower Upper  
96 100  
61 120.2 145.8 218.6#  
98 68.3 52.5 78.7

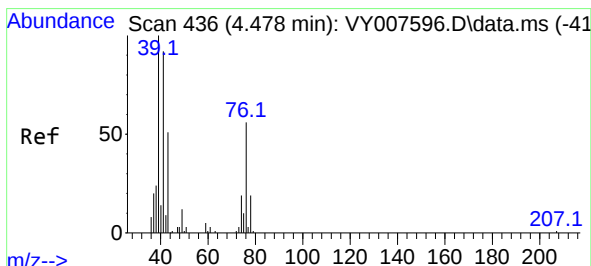
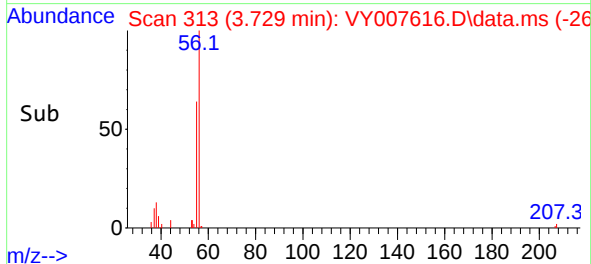
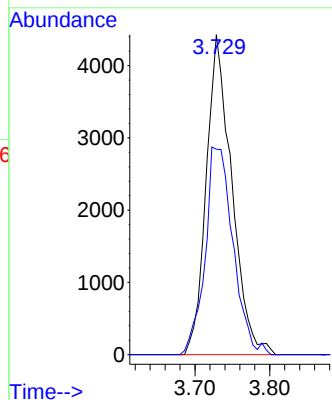
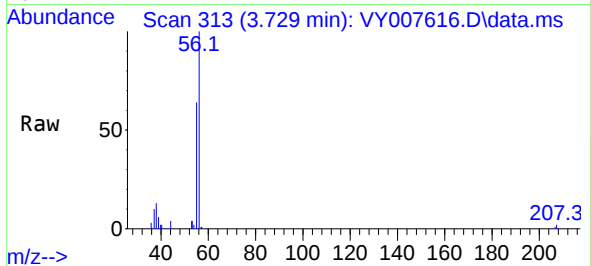




#13  
Acrolein  
Concen: 124.696 ug/l  
RT: 3.729 min Scan# 313  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

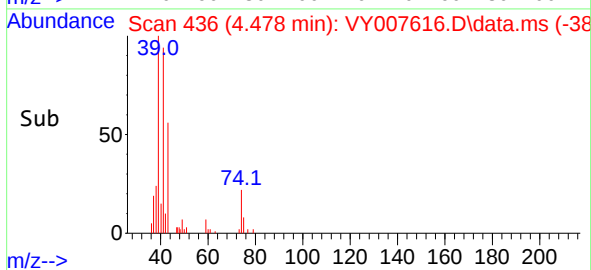
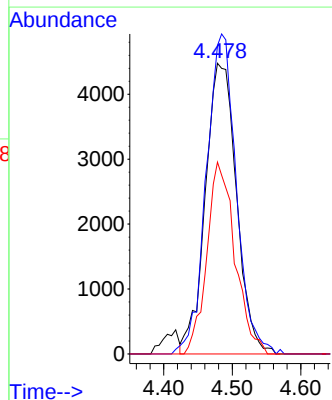
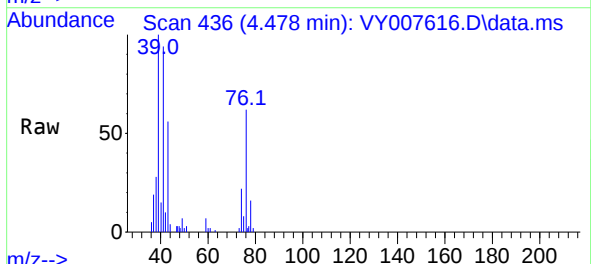
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

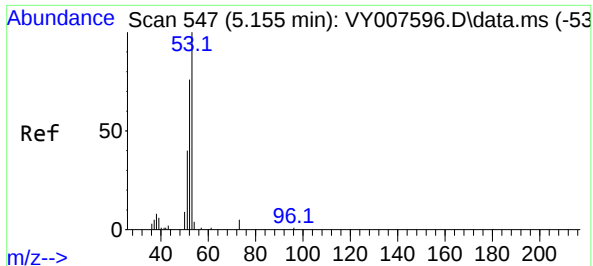
Tgt Ion: 56 Resp: 10495  
Ion Ratio Lower Upper  
56 100  
55 71.1 57.6 86.4



#14  
Allyl chloride  
Concen: 23.041 ug/l  
RT: 4.478 min Scan# 436  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 41 Resp: 14144  
Ion Ratio Lower Upper  
41 100  
39 105.9 58.8 88.2#  
76 59.5 25.1 37.7#

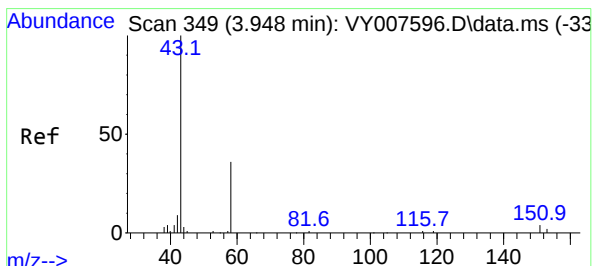
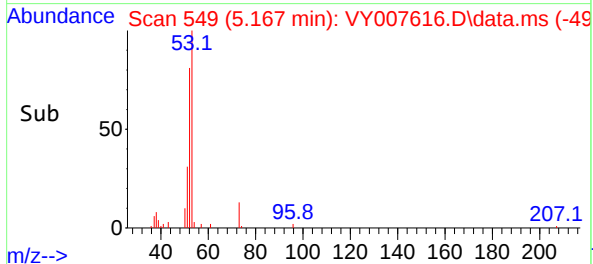
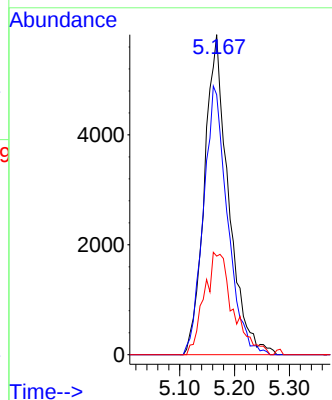
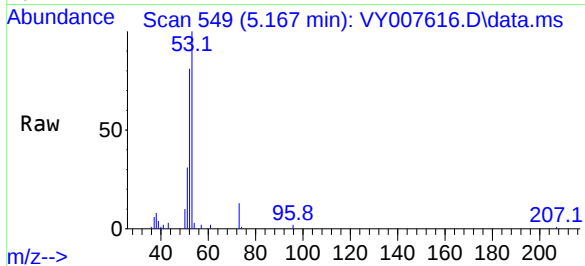




#15  
Acrylonitrile  
Concen: 121.395 ug/l  
RT: 5.167 min Scan# 54  
Delta R.T. 0.012 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

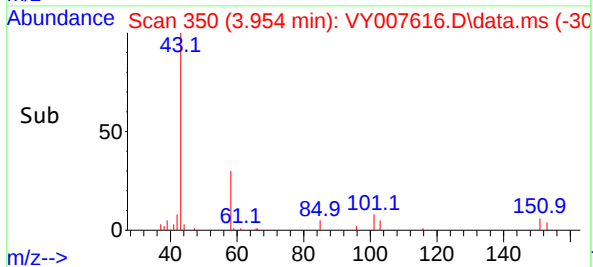
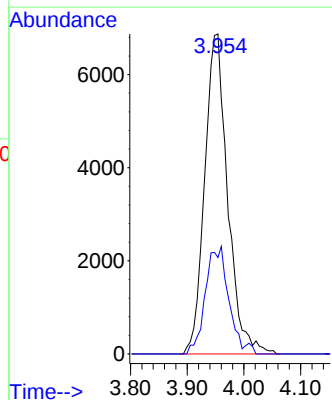
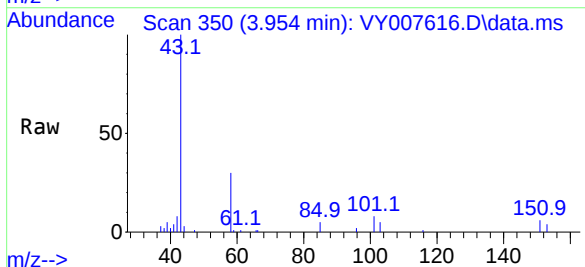
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

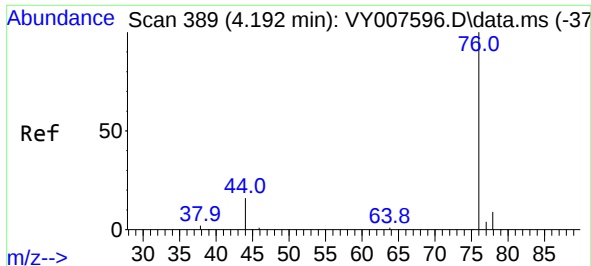
Tgt Ion: 53 Resp: 17770  
Ion Ratio Lower Upper  
53 100  
52 84.0 67.0 100.4  
51 38.0 29.8 44.6



#16  
Acetone  
Concen: 129.979 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 43 Resp: 19358  
Ion Ratio Lower Upper  
43 100  
58 30.1 22.0 33.0

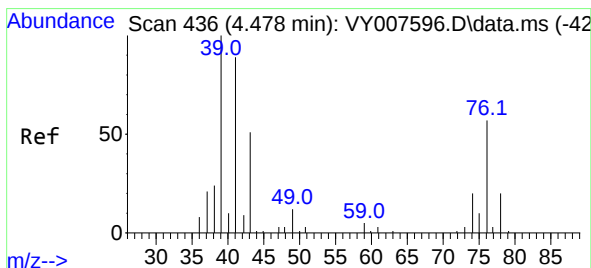
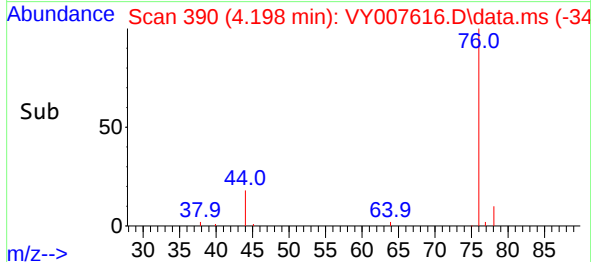
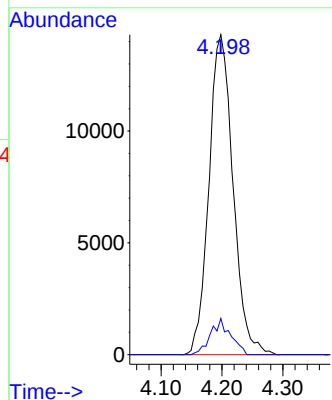
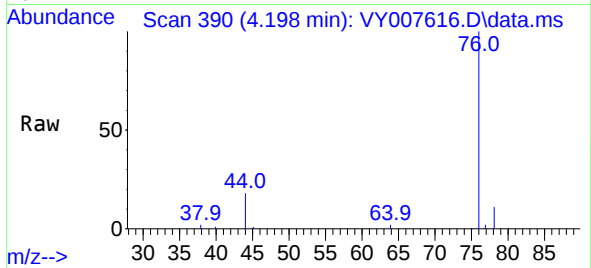




#17  
Carbon Disulfide  
Concen: 23.872 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

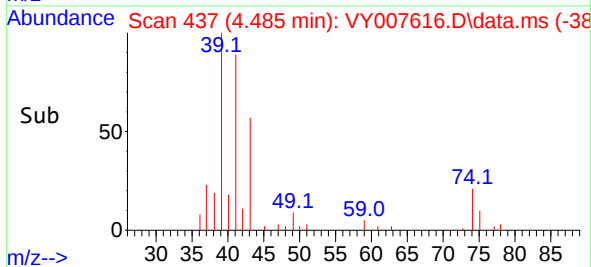
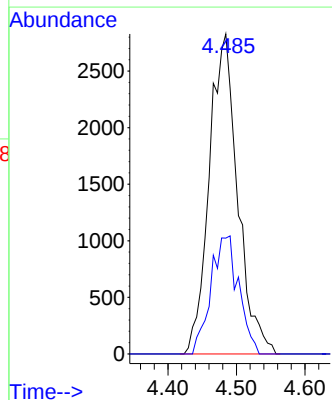
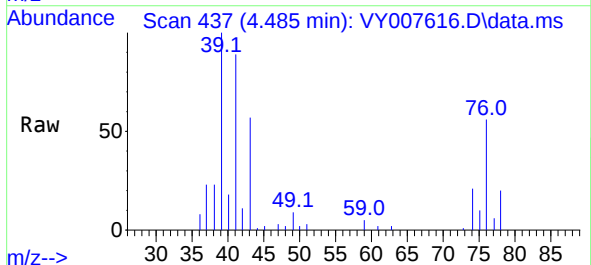
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

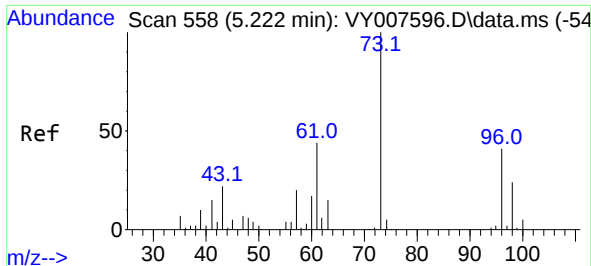
Tgt Ion: 76 Resp: 39394  
Ion Ratio Lower Upper  
76 100  
78 11.3 7.4 11.0#



#18  
Methyl Acetate  
Concen: 26.039 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.007 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 43 Resp: 8154  
Ion Ratio Lower Upper  
43 100  
74 35.9 16.6 24.8#

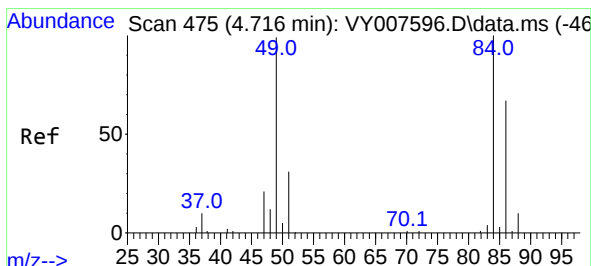
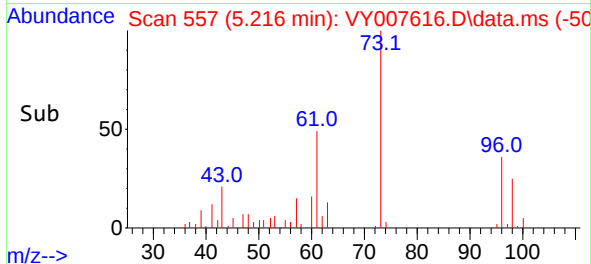
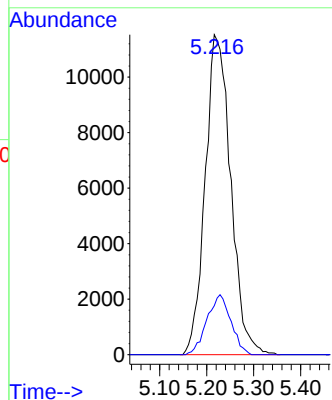
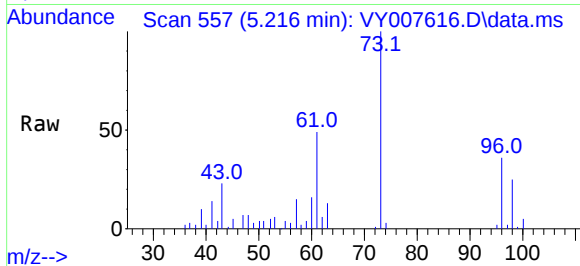




#19  
Methyl tert-butyl Ether  
Concen: 24.336 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

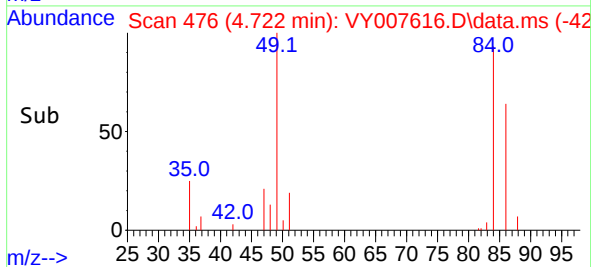
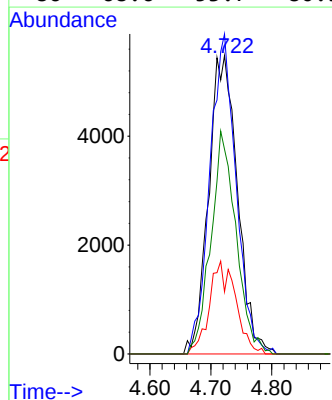
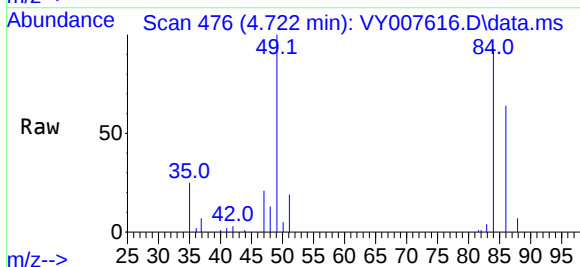
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

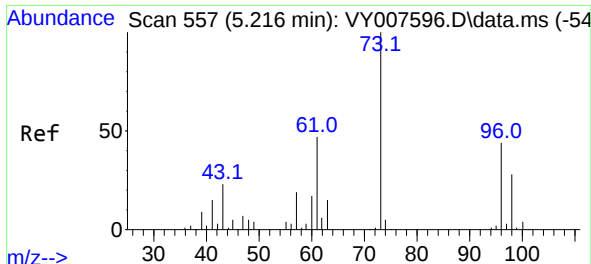
Tgt Ion: 73 Resp: 43430  
Ion Ratio Lower Upper  
73 100  
57 15.3 18.6 27.8#



#20  
Methylene Chloride  
Concen: 24.109 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 84 Resp: 18040  
Ion Ratio Lower Upper  
84 100  
49 107.2 114.4 171.6#  
51 20.9 35.3 52.9#  
86 68.6 53.7 80.5

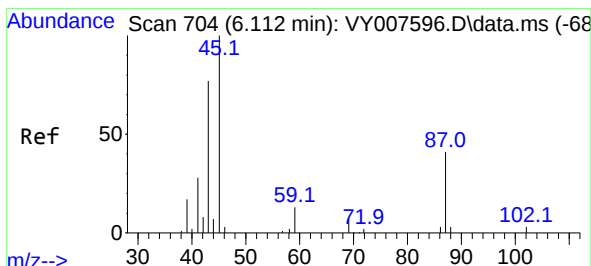
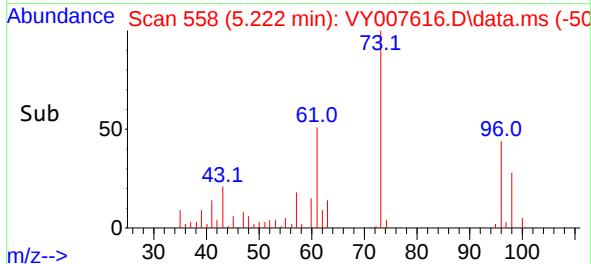
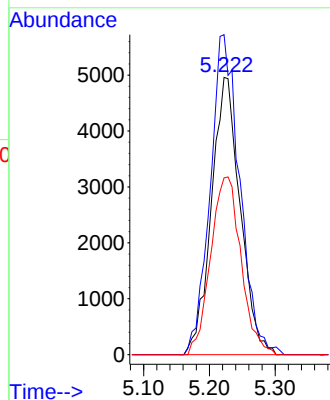
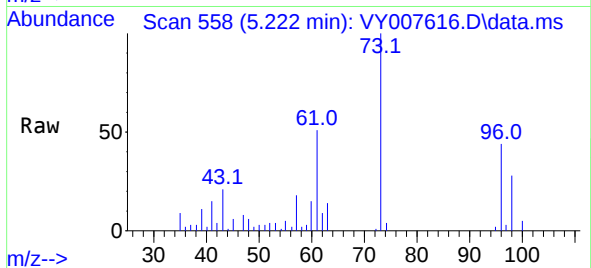




#21  
trans-1,2-Dichloroethene  
Concen: 22.781 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

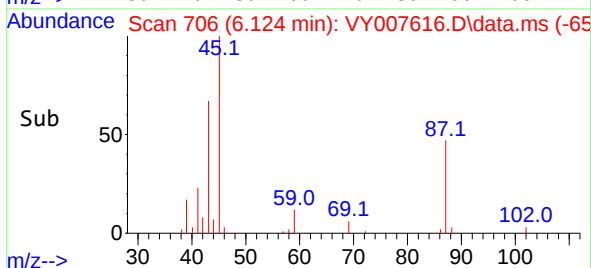
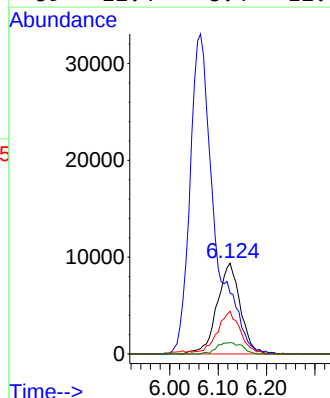
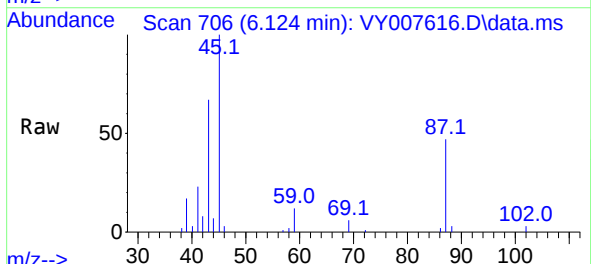
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

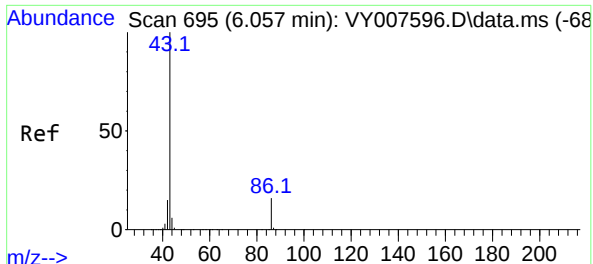
Tgt Ion: 96 Resp: 15092  
Ion Ratio Lower Upper  
96 100  
61 115.4 120.5 180.7#  
98 63.8 49.8 74.8



#22  
Diisopropyl ether  
Concen: 24.255 ug/l  
RT: 6.124 min Scan# 706  
Delta R.T. 0.012 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 45 Resp: 31285  
Ion Ratio Lower Upper  
45 100  
43 66.2 49.3 73.9  
87 47.1 19.2 28.8#  
59 12.4 8.4 12.6





#23

Vinyl Acetate

Concen: 124.877 ug/l

RT: 6.064 min Scan# 61

Delta R.T. 0.006 min

Lab File: VY007616.D

Acq: 24 Feb 2022 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

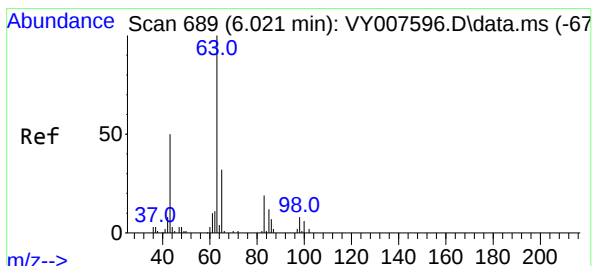
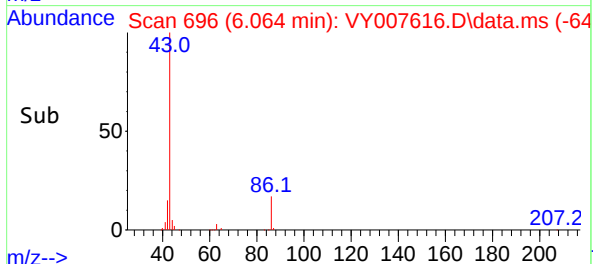
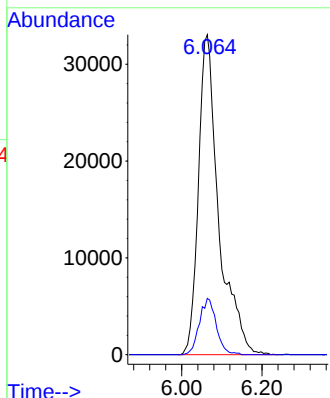
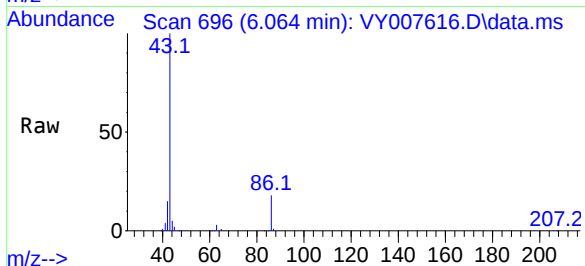
VY0224SBS01

Tgt Ion: 43 Resp: 116203

Ion Ratio Lower Upper

43 100

86 17.6 7.1 10.7#



#24

1,1-Dichloroethane

Concen: 22.657 ug/l

RT: 6.027 min Scan# 690

Delta R.T. 0.006 min

Lab File: VY007616.D

Acq: 24 Feb 2022 11:39

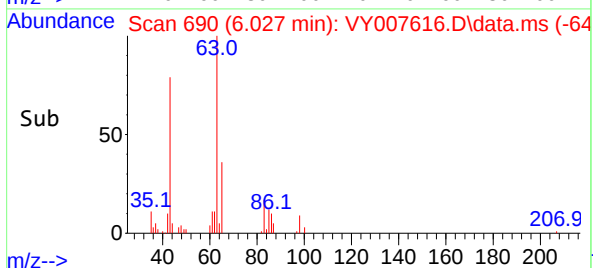
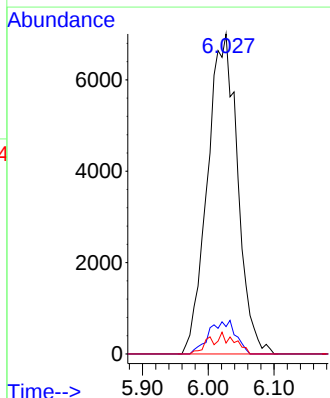
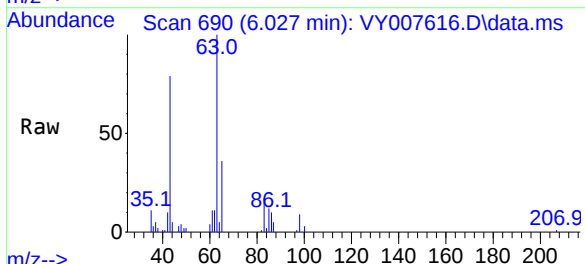
Tgt Ion: 63 Resp: 22318

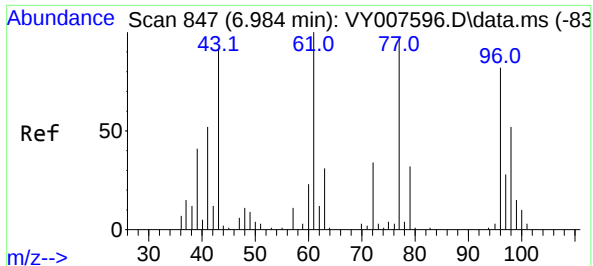
Ion Ratio Lower Upper

63 100

98 8.6 3.6 10.8

100 3.4 2.0 5.8





#25

2-Butanone

Concen: 120.462 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY007616.D

Acq: 24 Feb 2022 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

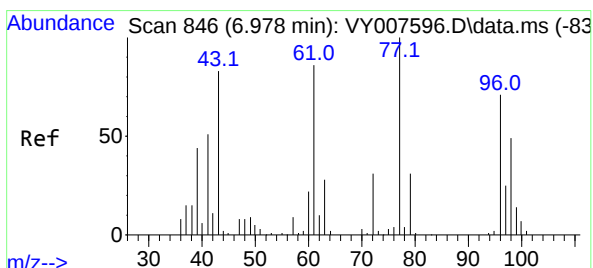
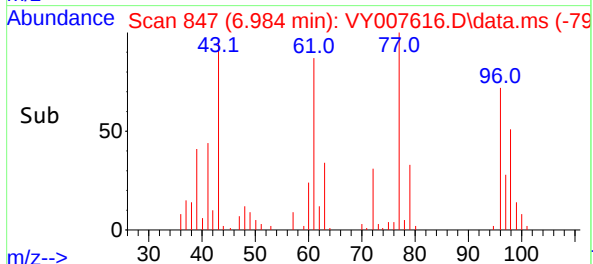
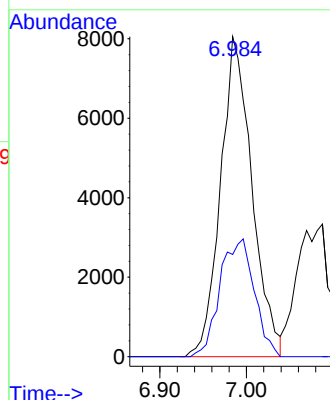
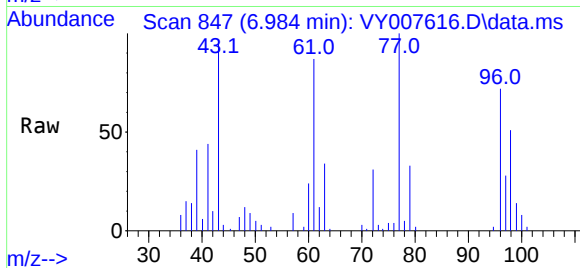
VY0224SBS01

Tgt Ion: 43 Resp: 20340

Ion Ratio Lower Upper

43 100

72 32.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 22.995 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY007616.D

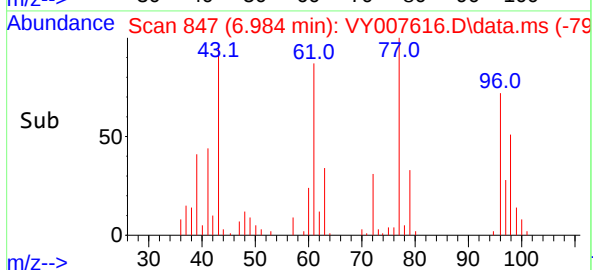
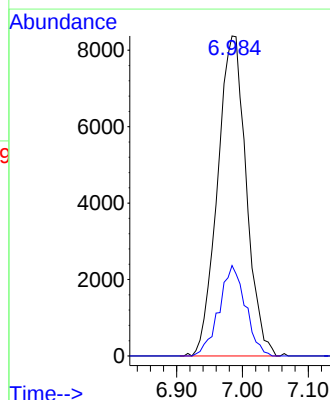
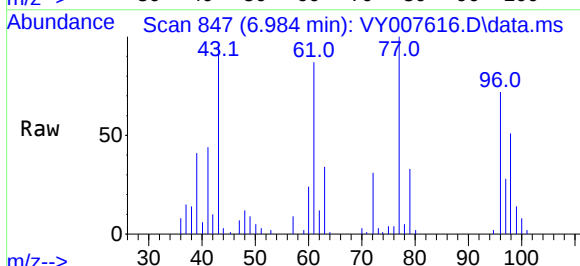
Acq: 24 Feb 2022 11:39

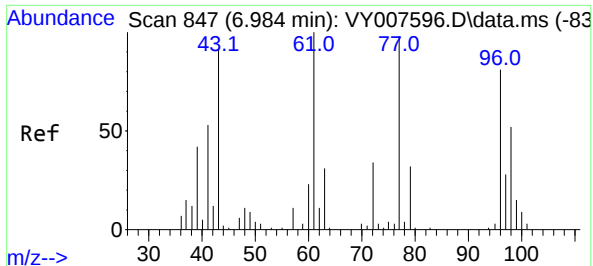
Tgt Ion: 77 Resp: 25433

Ion Ratio Lower Upper

77 100

97 26.0 10.4 31.4

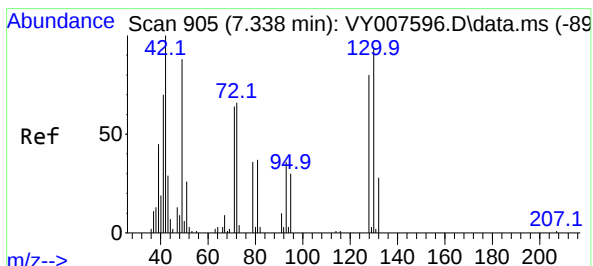
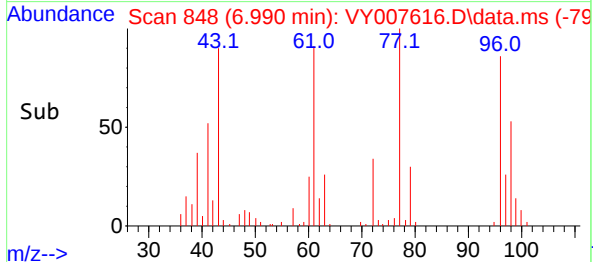
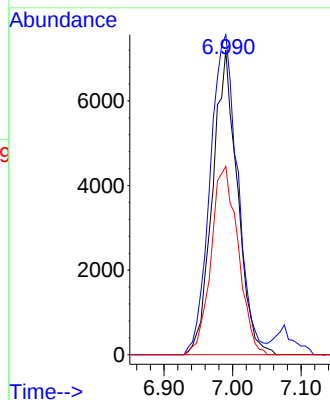
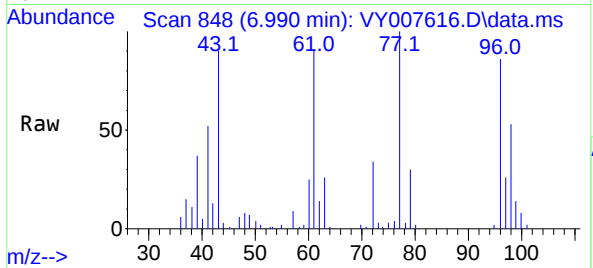




#27  
cis-1,2-Dichloroethene  
Concen: 23.597 ug/l  
RT: 6.990 min Scan# 847  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

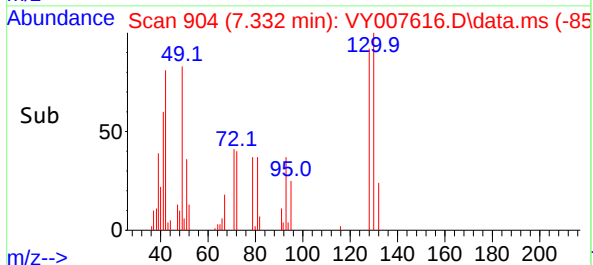
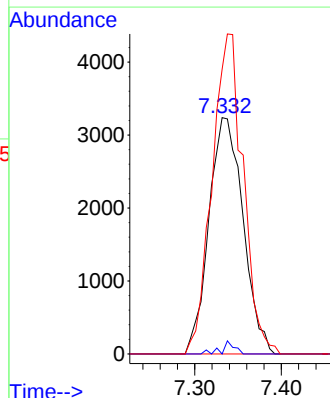
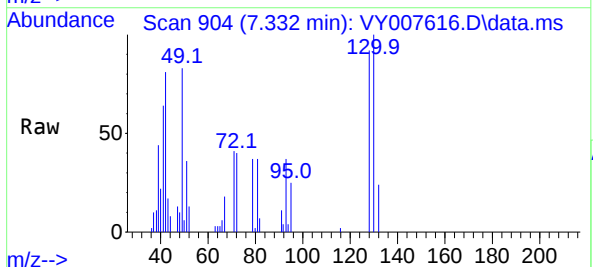
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

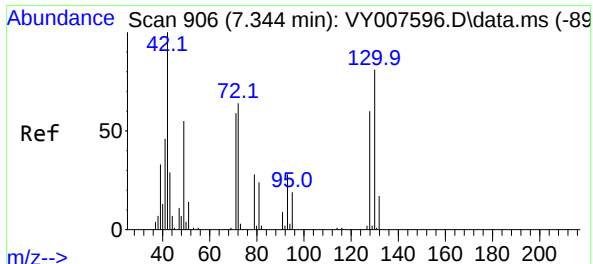
Tgt Ion: 96 Resp: 18145  
Ion Ratio Lower Upper  
96 100  
61 116.9 0.0 319.8  
98 67.3 0.0 127.0



#28  
Bromochloromethane  
Concen: 26.386 ug/l  
RT: 7.332 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 49 Resp: 8860  
Ion Ratio Lower Upper  
49 100  
129 1.8 0.0 2.2  
130 123.7 55.4 83.0#

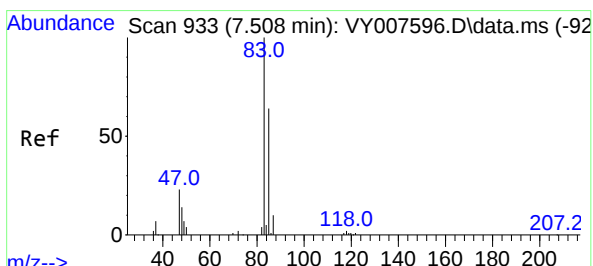
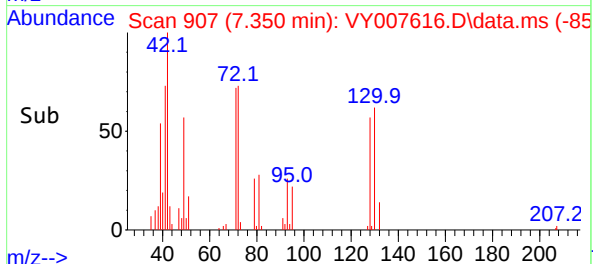
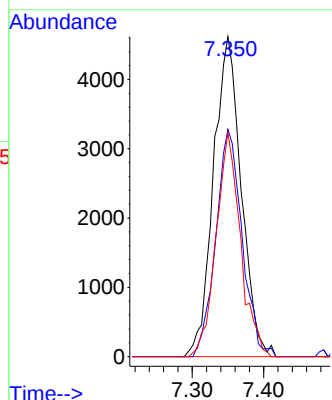
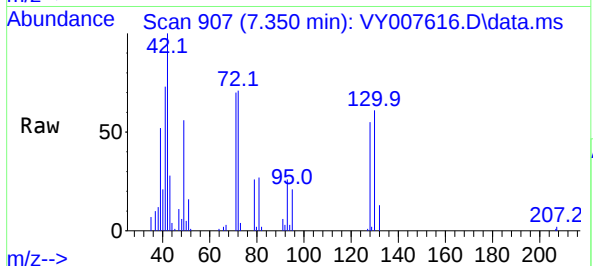




#29  
Tetrahydrofuran  
Concen: 126.540 ug/l  
RT: 7.350 min Scan# 906  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

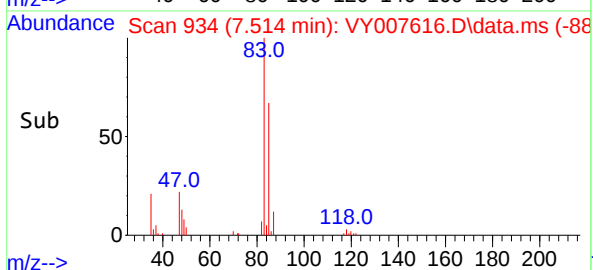
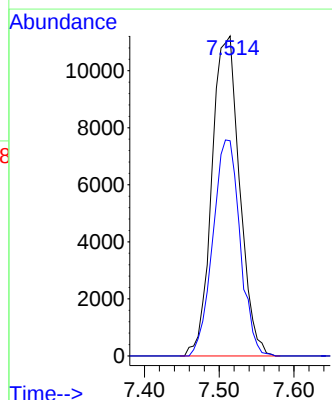
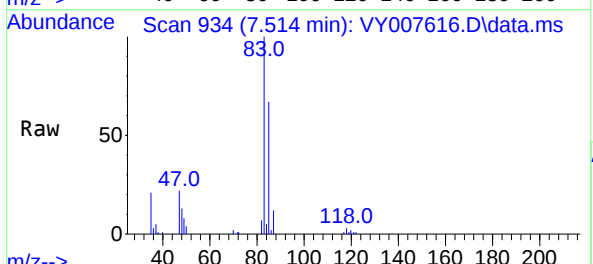
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

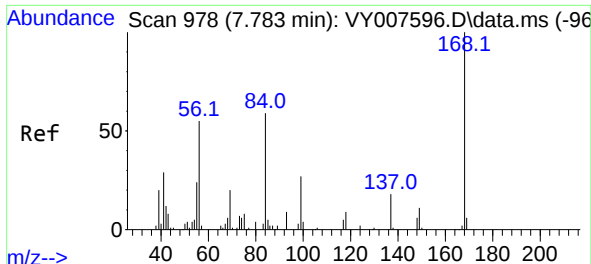
Tgt Ion: 42 Resp: 12435  
Ion Ratio Lower Upper  
42 100  
72 67.2 30.3 45.5#  
71 61.6 29.0 43.4#



#30  
Chloroform  
Concen: 22.961 ug/l  
RT: 7.514 min Scan# 934  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 83 Resp: 28953  
Ion Ratio Lower Upper  
83 100  
85 67.2 51.8 77.6

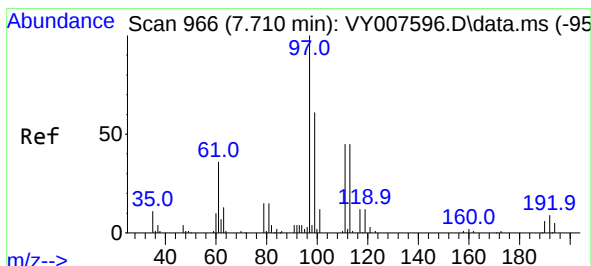
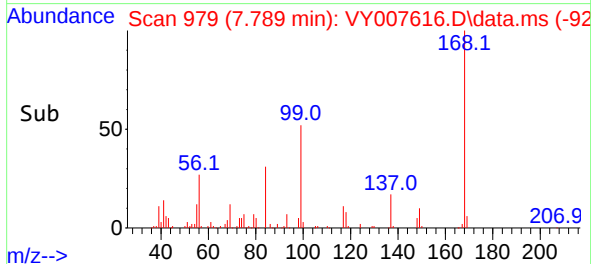
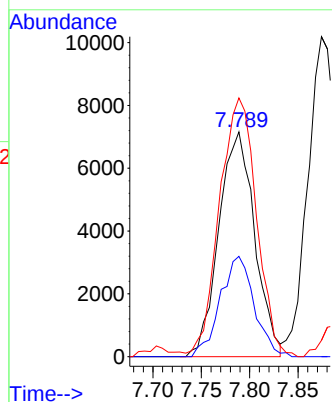
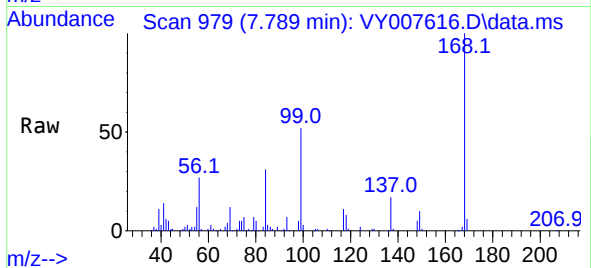




#31  
Cyclohexane  
Concen: 25.120 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

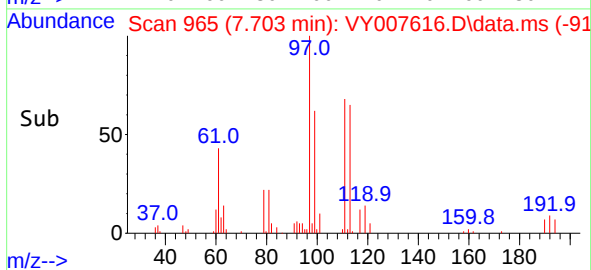
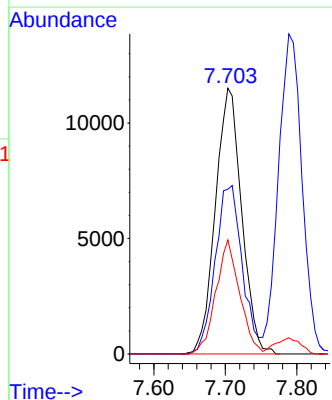
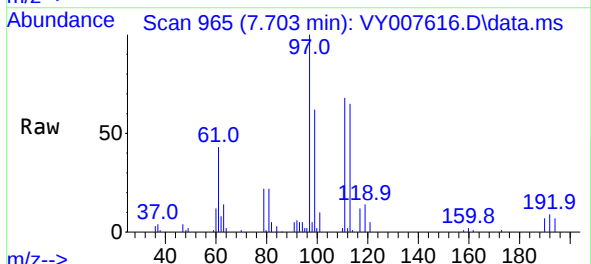
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

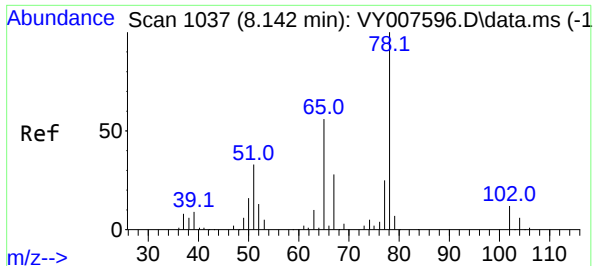
Tgt Ion: 56 Resp: 18442  
Ion Ratio Lower Upper  
56 100  
69 44.6 26.7 40.1#  
84 113.1 67.2 100.8#



#32  
1,1,1-Trichloroethane  
Concen: 23.437 ug/l  
RT: 7.703 min Scan# 965  
Delta R.T. -0.007 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 97 Resp: 29392  
Ion Ratio Lower Upper  
97 100  
99 64.8 50.7 76.1  
61 38.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 52.980 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007616.D

Acq: 24 Feb 2022 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

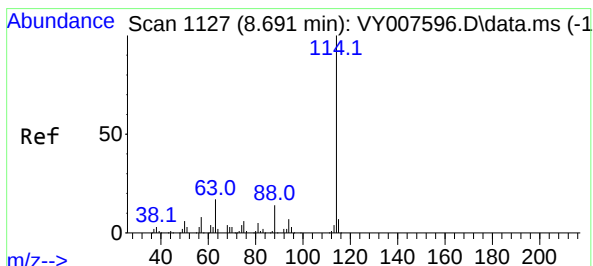
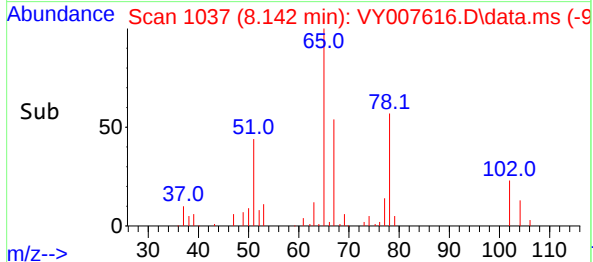
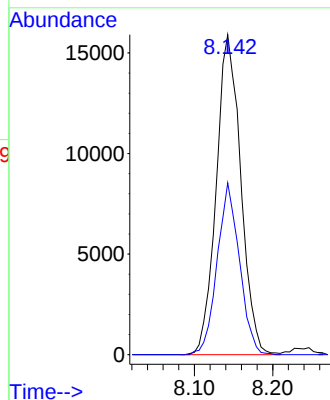
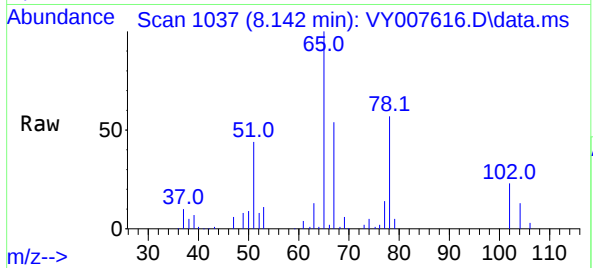
VY0224SBS01

Tgt Ion: 65 Resp: 34646

Ion Ratio Lower Upper

65 100

67 48.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007616.D

Acq: 24 Feb 2022 11:39

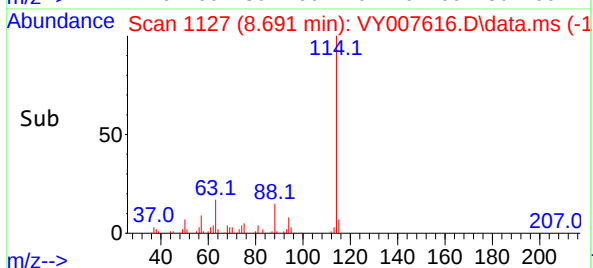
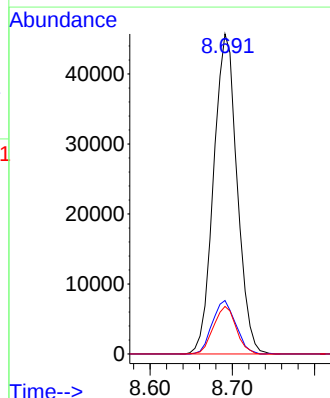
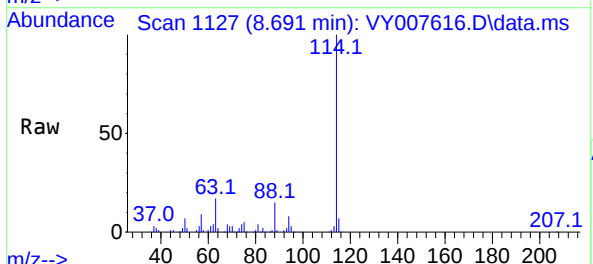
Tgt Ion: 114 Resp: 90604

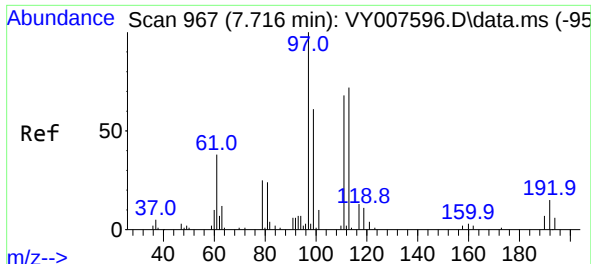
Ion Ratio Lower Upper

114 100

63 16.7 0.0 43.2

88 14.8 0.0 31.8

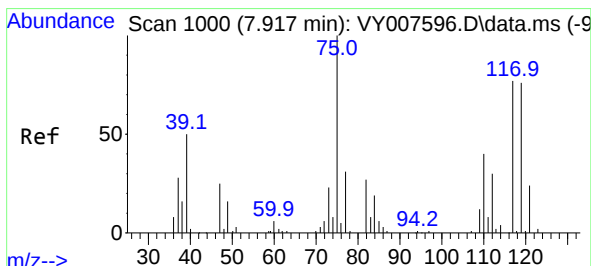
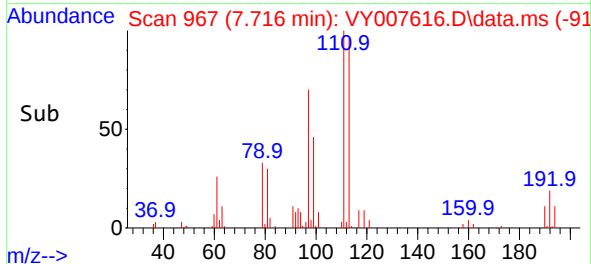
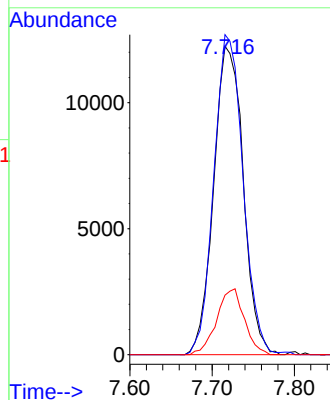
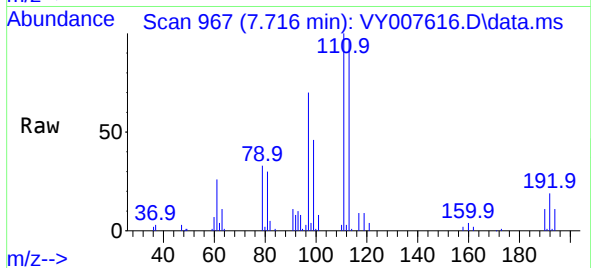




#35  
Dibromofluoromethane  
Concen: 53.535 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

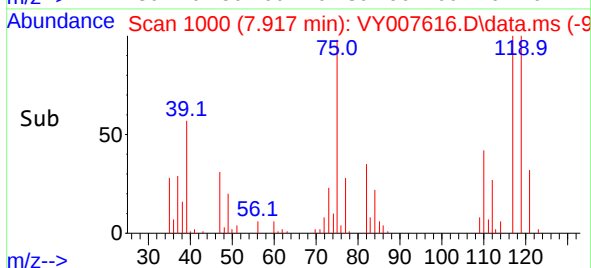
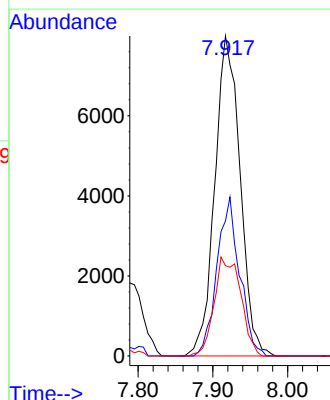
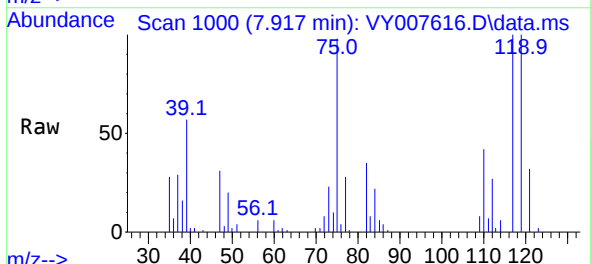
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

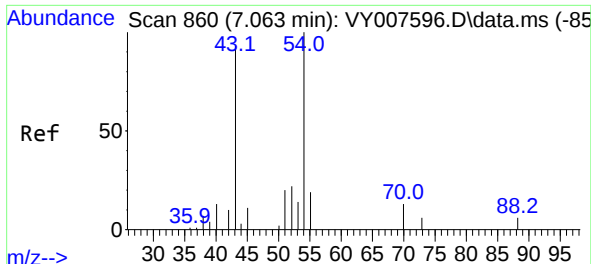
Tgt Ion:113 Resp: 30606  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.6 124.0  
192 20.0 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 22.879 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 75 Resp: 18849  
Ion Ratio Lower Upper  
75 100  
110 44.4 17.1 51.2  
77 32.3 24.4 36.6

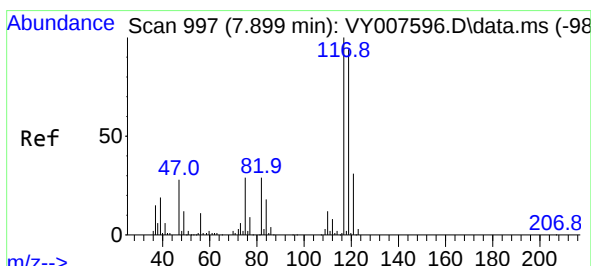
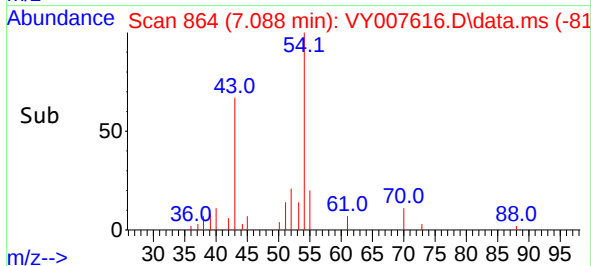
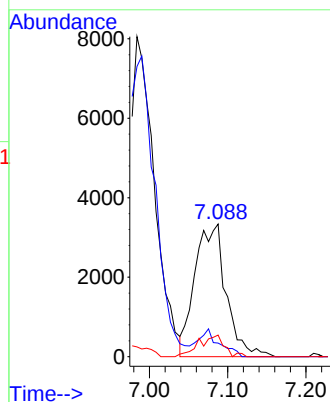
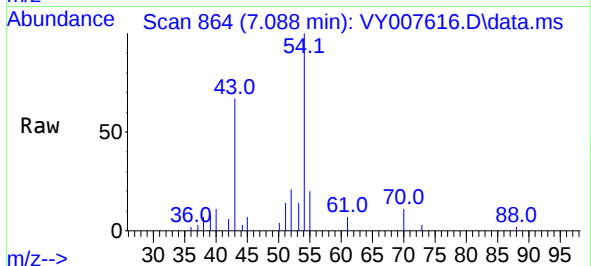




#37  
Ethyl Acetate  
Concen: 24.878 ug/l  
RT: 7.088 min Scan# 864  
Delta R.T. 0.025 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

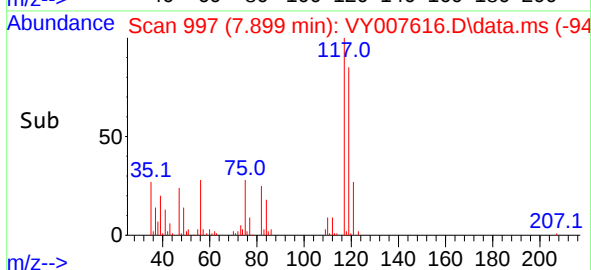
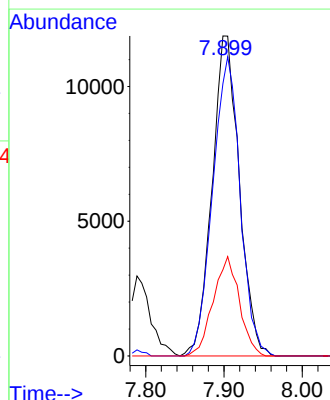
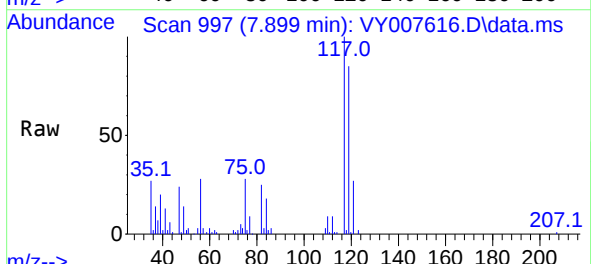
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

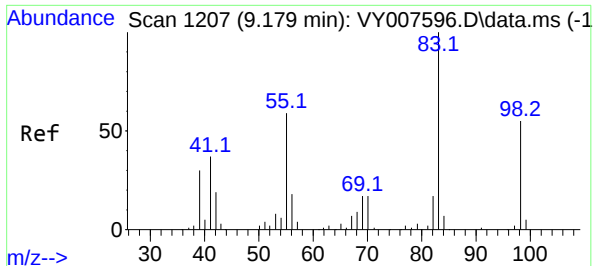
Tgt Ion: 43 Resp: 9227  
Ion Ratio Lower Upper  
43 100  
61 14.0 9.7 14.5  
70 13.3 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 23.790 ug/l  
RT: 7.899 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 117 Resp: 28701  
Ion Ratio Lower Upper  
117 100  
119 85.1 77.9 116.9  
121 27.0 24.8 37.2





#39

Methylcyclohexane

Concen: 25.623 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007616.D

Acq: 24 Feb 2022 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY0224SBS01

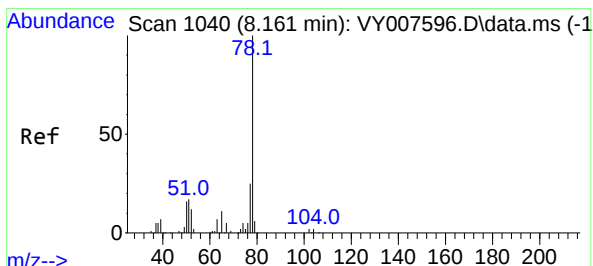
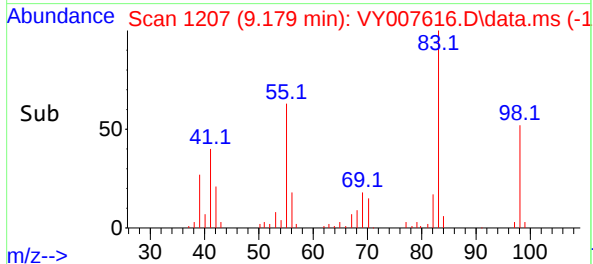
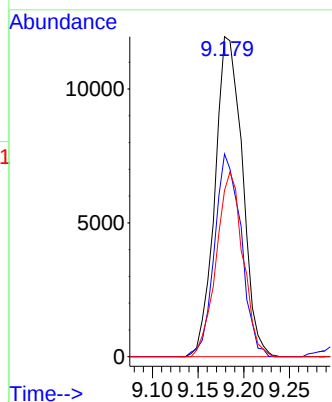
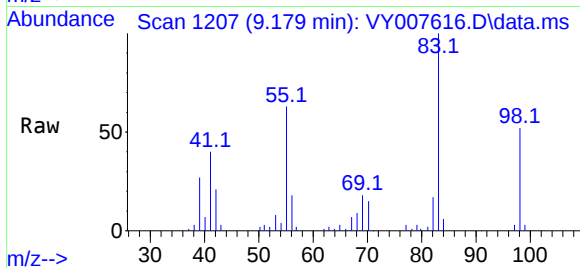
Tgt Ion: 83 Resp: 24967

Ion Ratio Lower Upper

83 100

55 63.3 66.5 99.7#

98 52.0 37.9 56.9



#40

Benzene

Concen: 23.503 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY007616.D

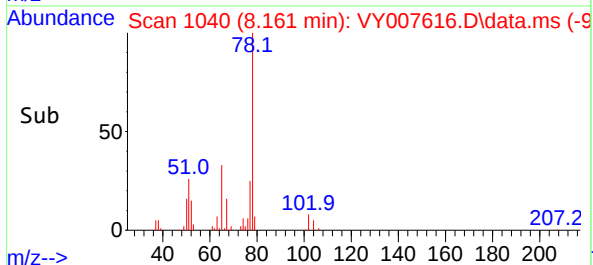
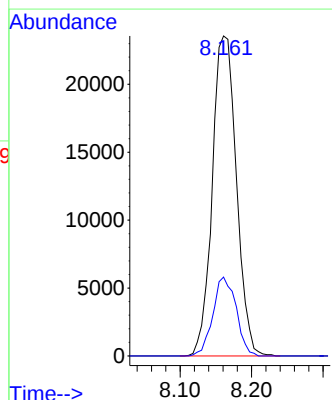
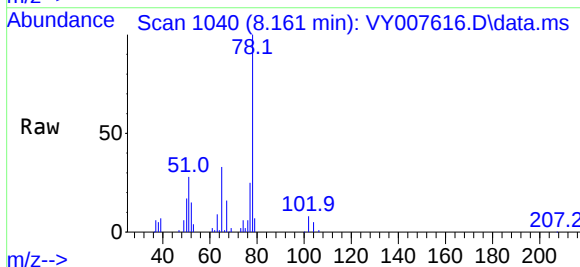
Acq: 24 Feb 2022 11:39

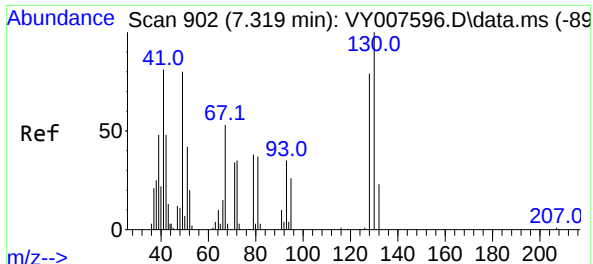
Tgt Ion: 78 Resp: 55246

Ion Ratio Lower Upper

78 100

77 24.6 20.4 30.6

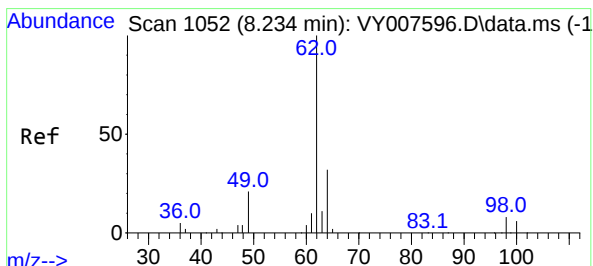
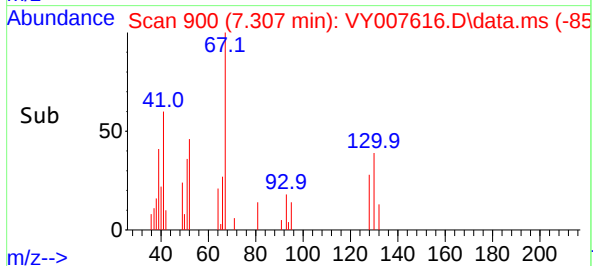
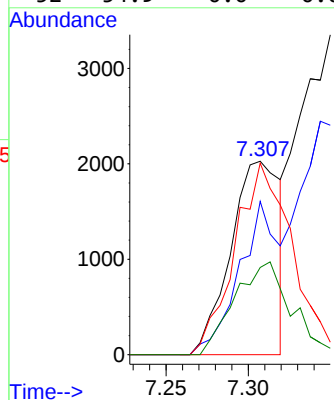
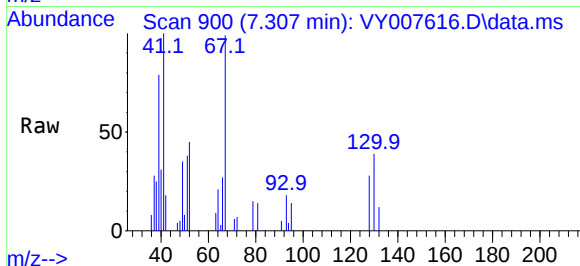




#41  
Methacrylonitrile  
Concen: 20.724 ug/l  
RT: 7.307 min Scan# 901  
Delta R.T. -0.012 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

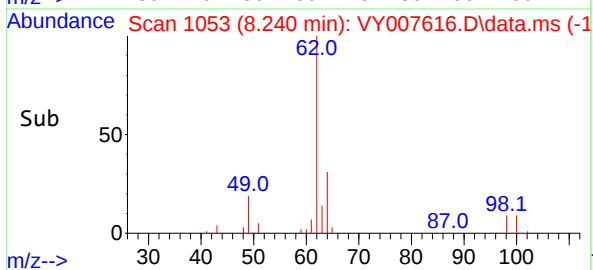
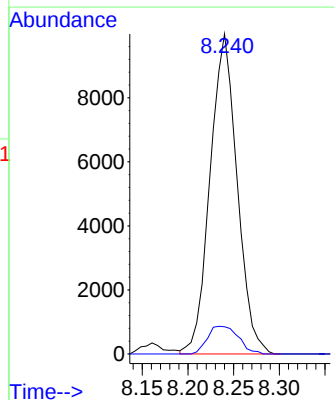
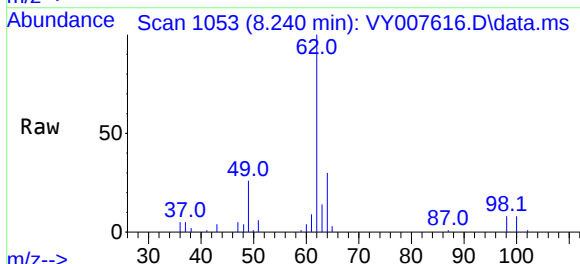
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

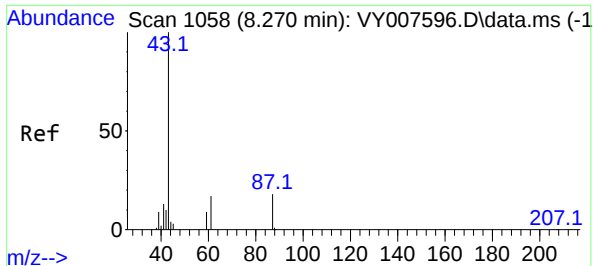
Tgt Ion: 41 Resp: 4239  
Ion Ratio Lower Upper  
41 100  
39 61.9 92.9 139.3#  
67 115.8 0.0 0.0#  
52 54.9 0.0 0.0#



#42  
1,2-Dichloroethane  
Concen: 23.896 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 62 Resp: 20575  
Ion Ratio Lower Upper  
62 100  
98 9.9 0.0 14.8

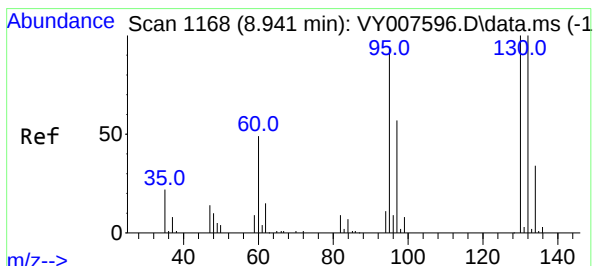
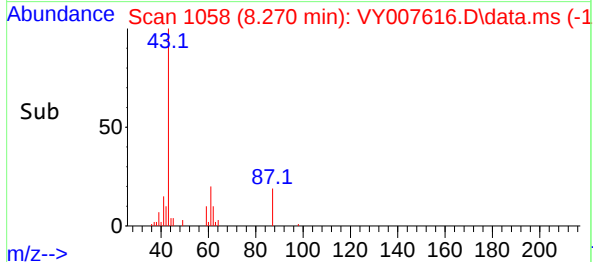
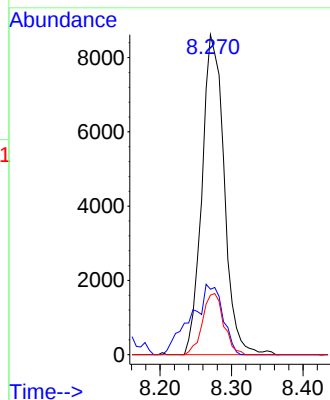
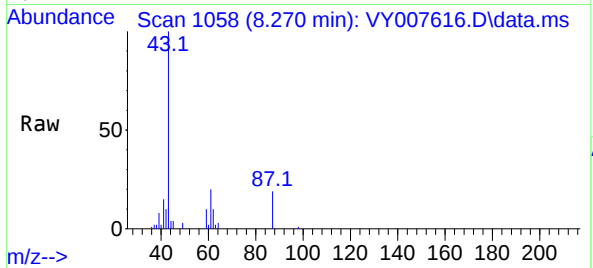




#43  
Isopropyl Acetate  
Concen: 24.503 ug/l  
RT: 8.270 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

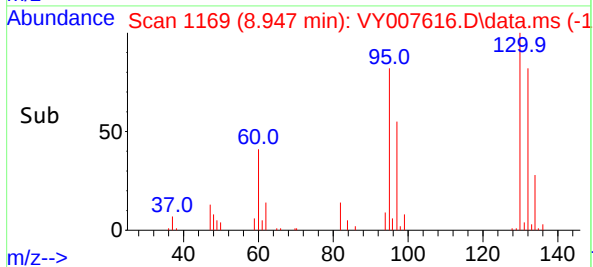
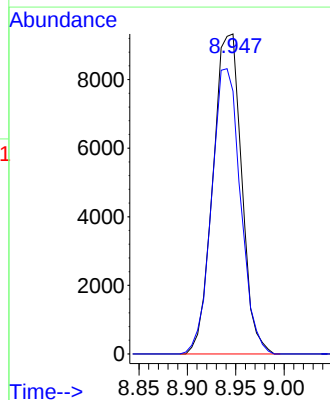
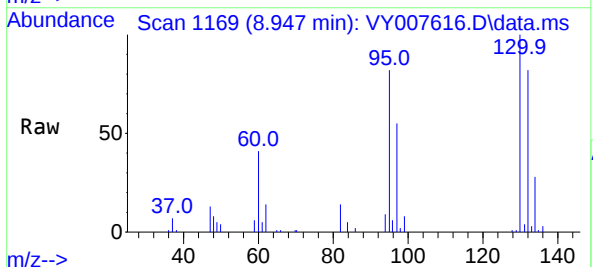
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

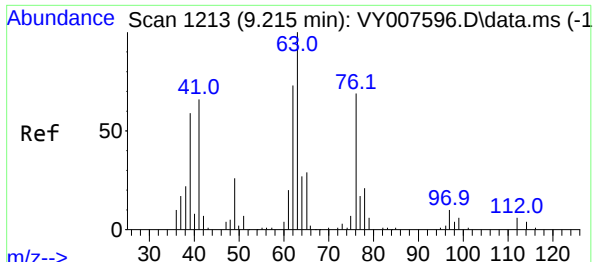
Tgt Ion: 43 Resp: 18563  
Ion Ratio Lower Upper  
43 100  
61 31.2 20.2 30.2#  
87 18.3 8.9 13.3#



#44  
Trichloroethene  
Concen: 24.077 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 130 Resp: 19204  
Ion Ratio Lower Upper  
130 100  
95 82.1 0.0 188.2





#45

1,2-Dichloropropane

Concen: 23.699 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY007616.D

Acq: 24 Feb 2022 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

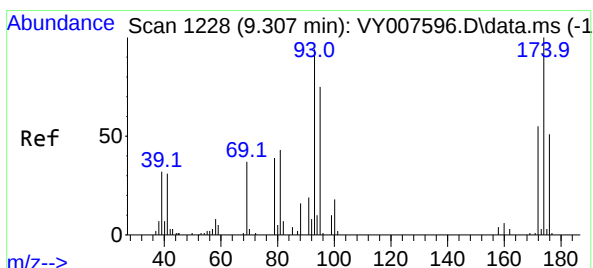
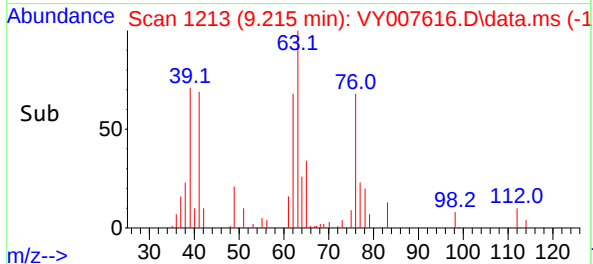
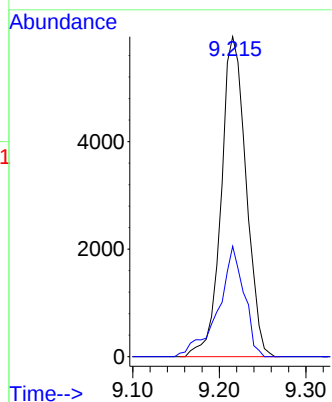
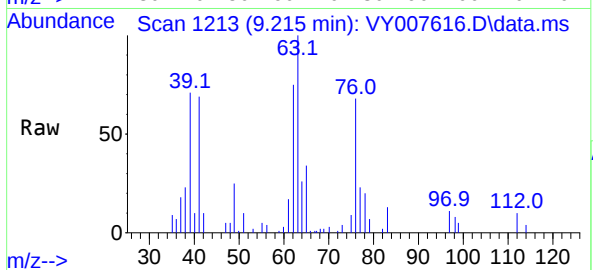
VY0224SBS01

Tgt Ion: 63 Resp: 11855

Ion Ratio Lower Upper

63 100

65 34.5 23.0 34.6



#46

Dibromomethane

Concen: 24.483 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY007616.D

Acq: 24 Feb 2022 11:39

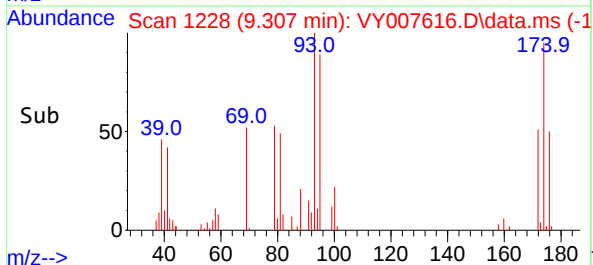
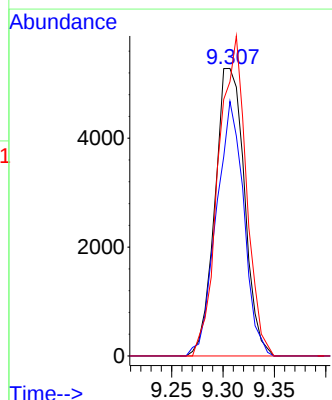
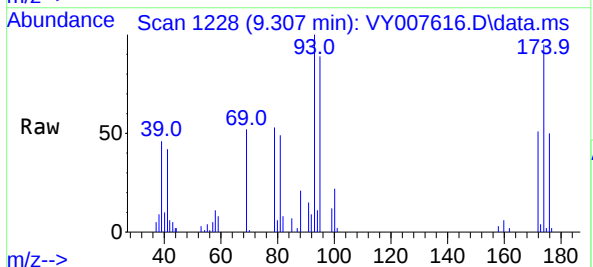
Tgt Ion: 93 Resp: 10502

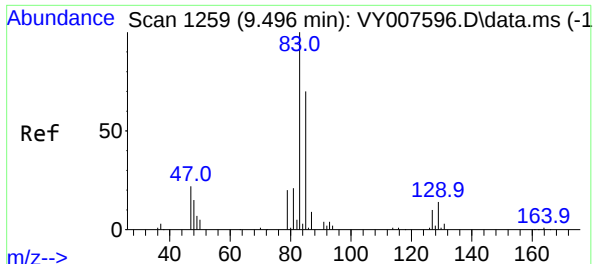
Ion Ratio Lower Upper

93 100

95 82.6 64.3 96.5

174 105.3 83.4 125.0

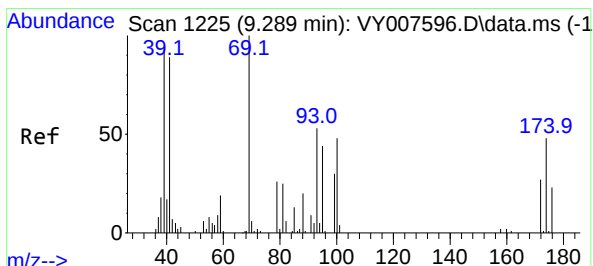
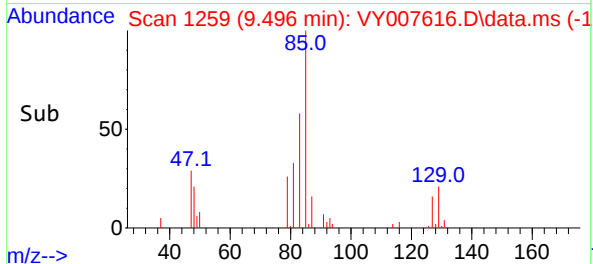
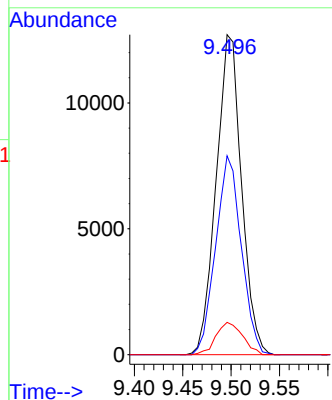
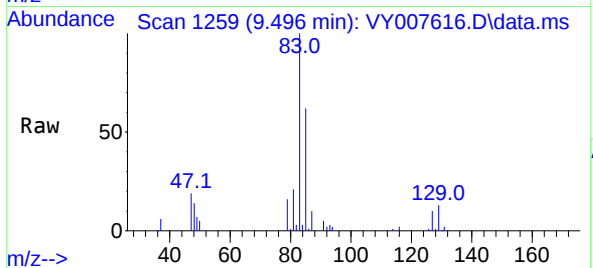




#47  
Bromodichloromethane  
Concen: 23.959 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

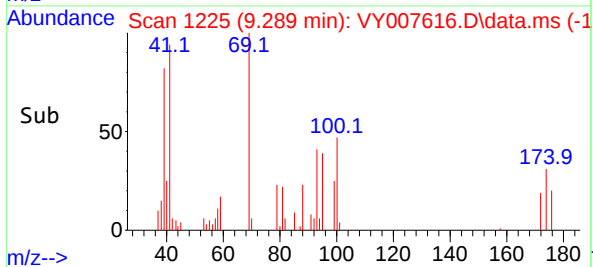
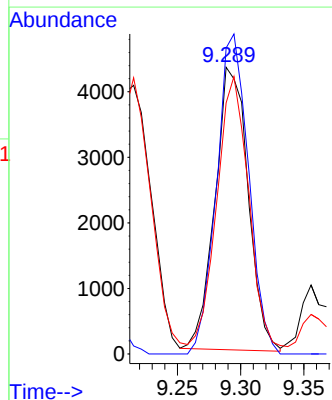
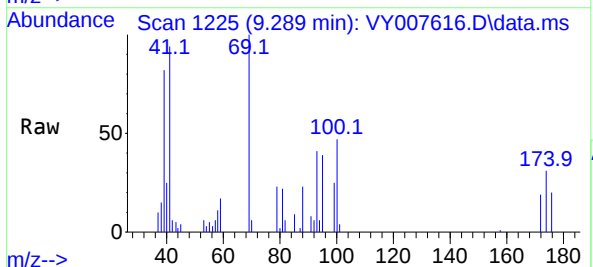
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

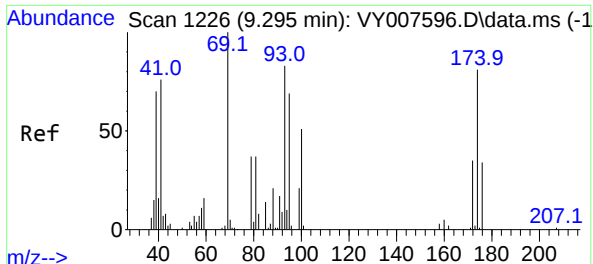
Tgt Ion: 83 Resp: 23146  
Ion Ratio Lower Upper  
83 100  
85 62.2 51.9 77.9  
127 10.1 6.6 10.0#



#48  
Methyl methacrylate  
Concen: 24.490 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 41 Resp: 7824  
Ion Ratio Lower Upper  
41 100  
69 109.8 58.2 87.2#  
39 97.2 47.4 71.0#

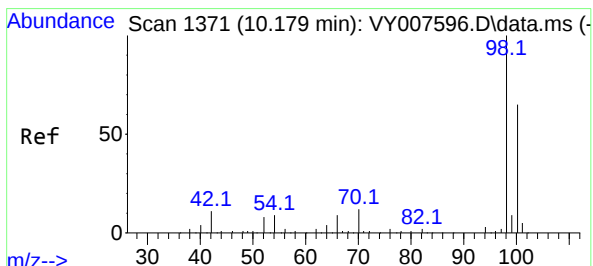
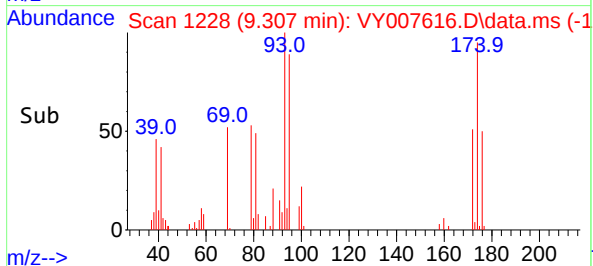
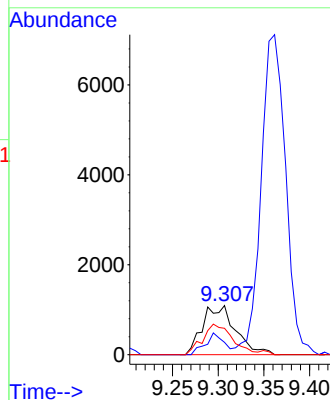
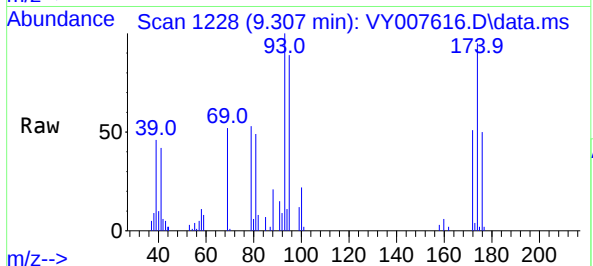




#49  
1,4-Dioxane  
Concen: 500.764 ug/l  
RT: 9.307 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

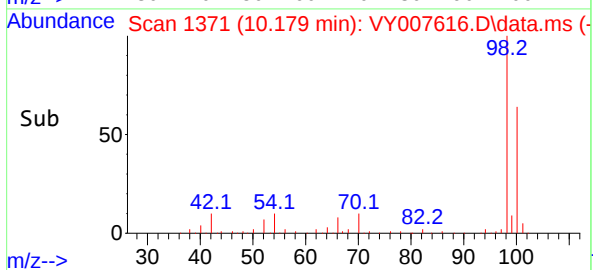
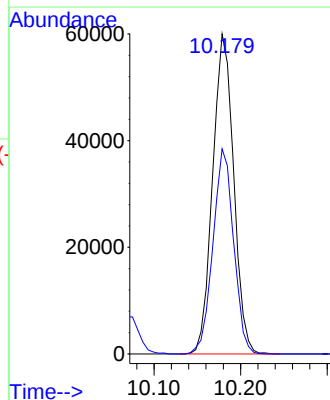
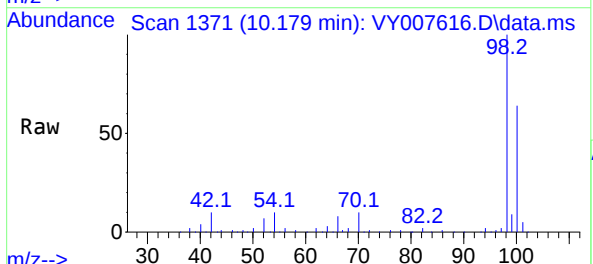
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

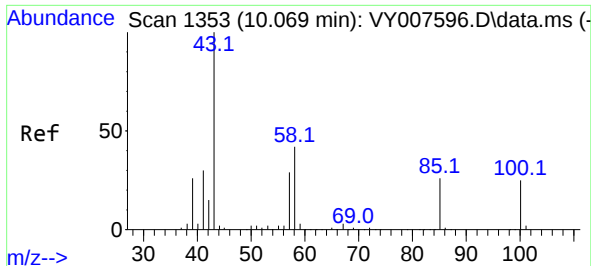
Tgt Ion: 88 Resp: 2733  
Ion Ratio Lower Upper  
88 100  
43 24.6 32.8 49.2#  
58 58.3 59.8 89.6#



#50  
Toluene-d8  
Concen: 47.912 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 98 Resp: 100980  
Ion Ratio Lower Upper  
98 100  
100 63.1 50.2 75.2

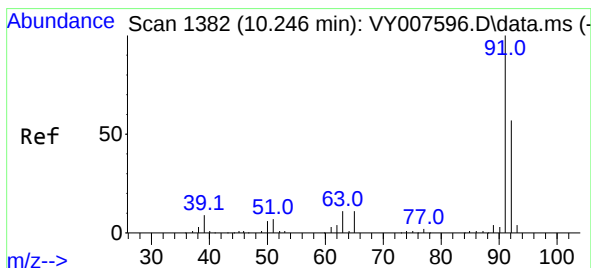
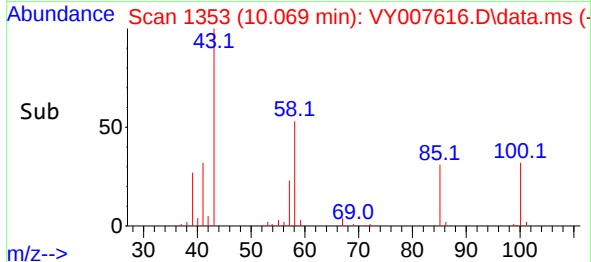
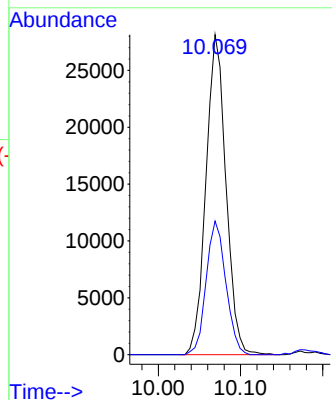
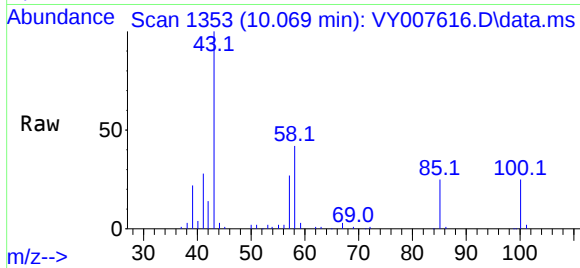




#51  
4-Methyl-2-Pentanone  
Concen: 124.702 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

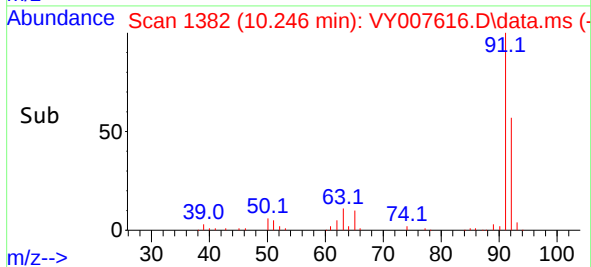
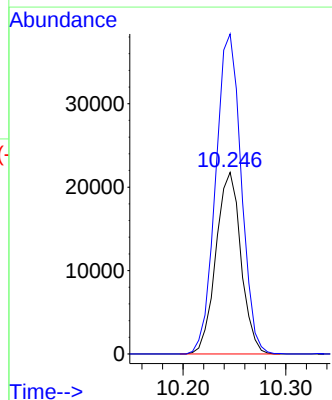
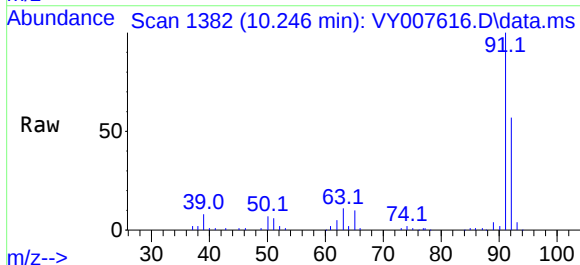
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

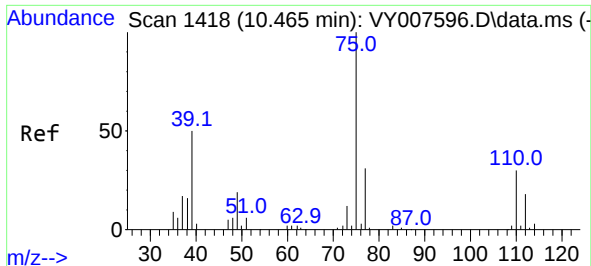
Tgt Ion: 43 Resp: 47546  
Ion Ratio Lower Upper  
43 100  
58 41.1 28.1 42.1



#52  
Toluene  
Concen: 22.922 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 92 Resp: 36751  
Ion Ratio Lower Upper  
92 100  
91 180.4 142.6 213.8

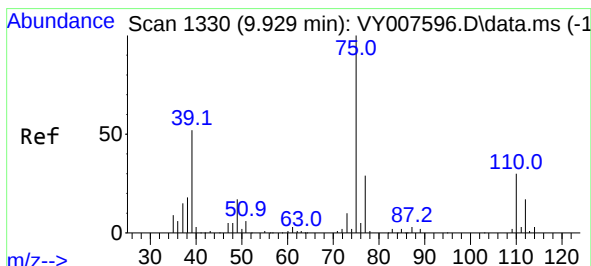
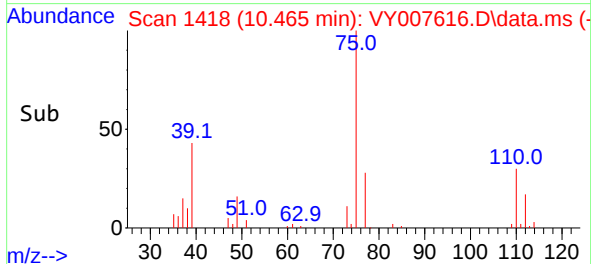
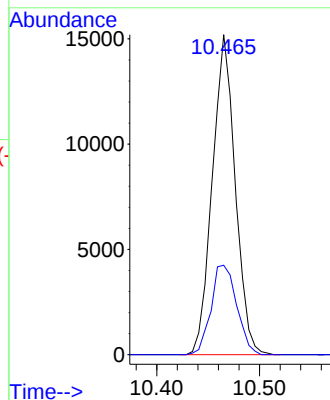
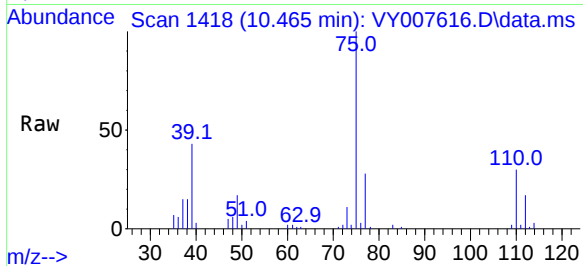




#53  
t-1,3-Dichloropropene  
Concen: 24.234 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

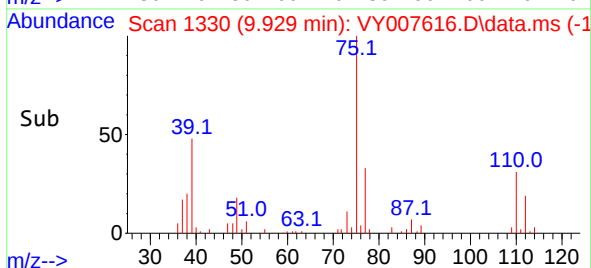
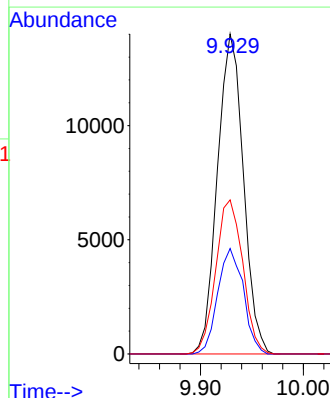
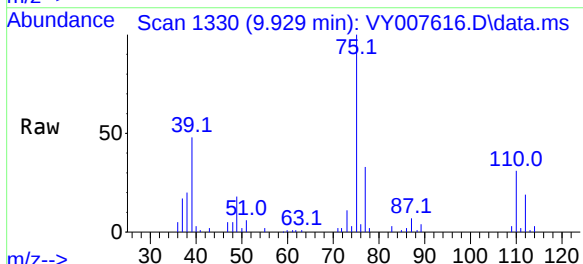
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

Tgt Ion: 75 Resp: 23491  
Ion Ratio Lower Upper  
75 100  
77 28.0 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 24.021 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 75 Resp: 24585  
Ion Ratio Lower Upper  
75 100  
77 33.0 25.6 38.4  
39 48.1 47.6 71.4

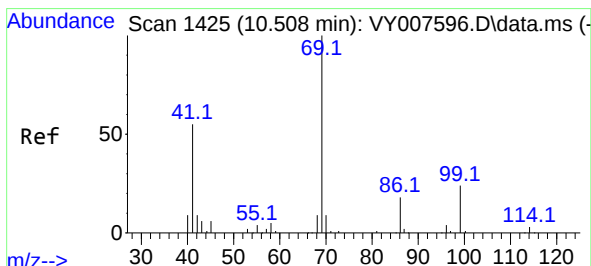
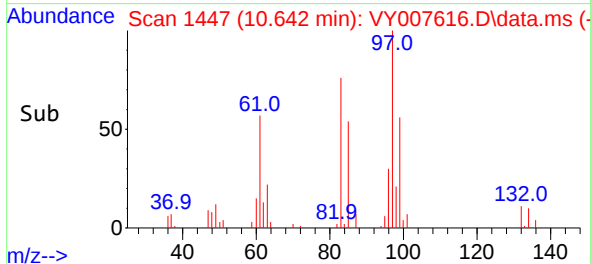
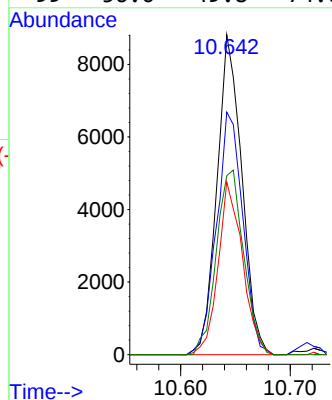
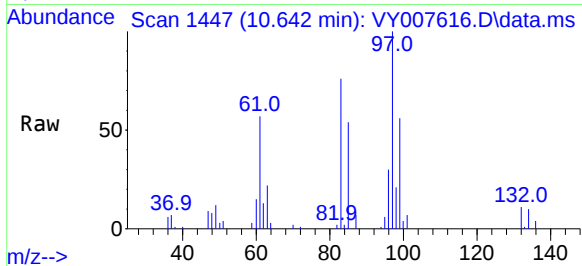




#55  
1,1,2-Trichloroethane  
Concen: 25.188 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

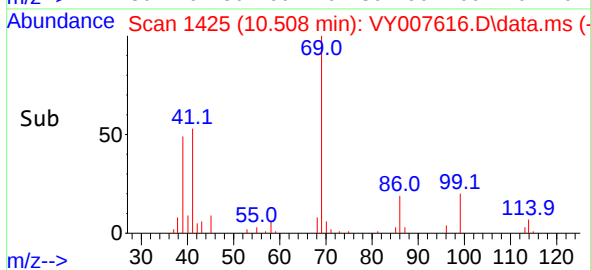
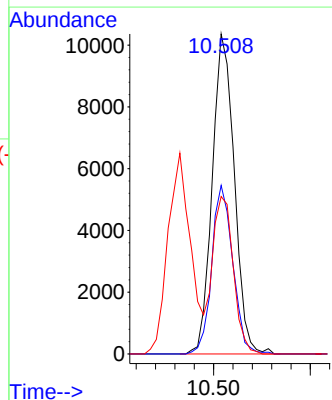
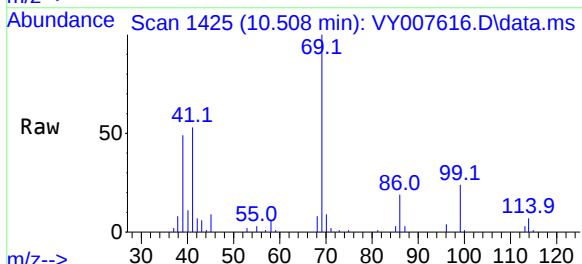
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

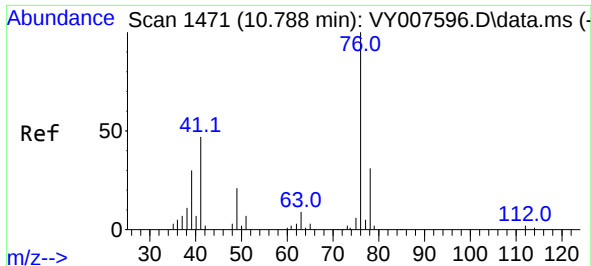
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 13916 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 75.8     | 69.8 104.8  |
| 85 54.0     | 44.3 66.5   |
| 99 56.0     | 49.8 74.6   |



#56  
Ethyl methacrylate  
Concen: 25.168 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

|             |       |       |  |
|-------------|-------|-------|--|
| Tgt Ion: 69 | Resp: | 16388 |  |
| Ion Ratio   | Lower | Upper |  |
| 69 100      |       |       |  |
| 41 50.3     | 63.4  | 95.0# |  |
| 39 46.6     | 35.8  | 53.8  |  |

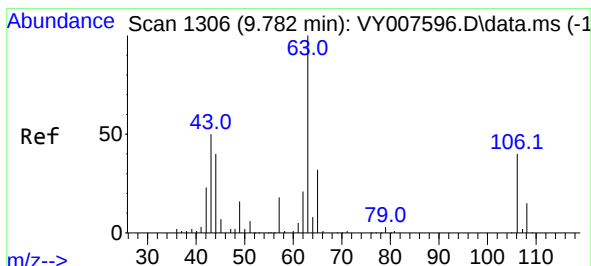
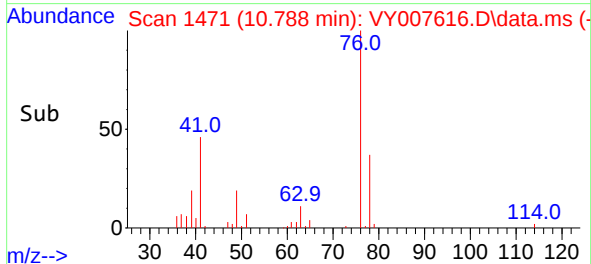
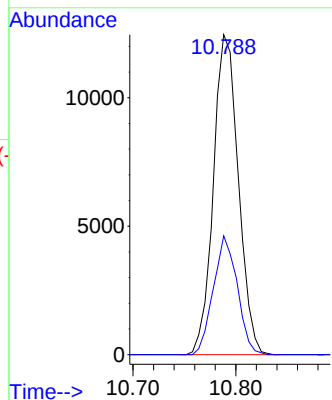
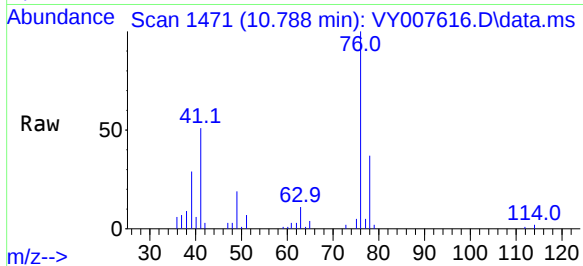




#57  
1,3-Dichloropropane  
Concen: 24.766 ug/l  
RT: 10.788 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

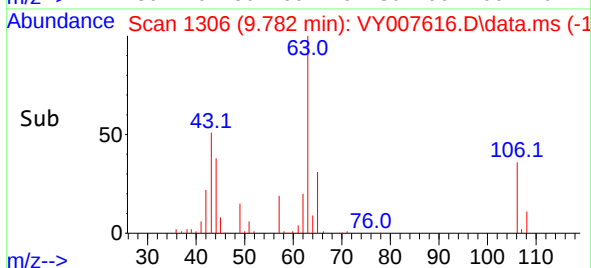
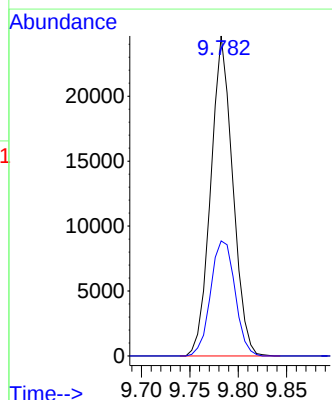
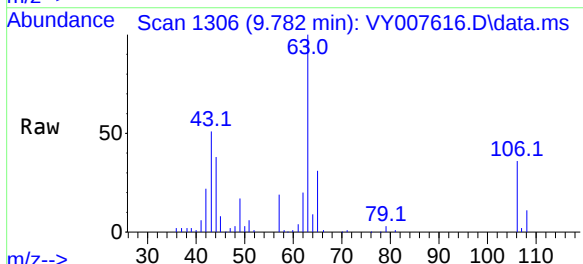
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

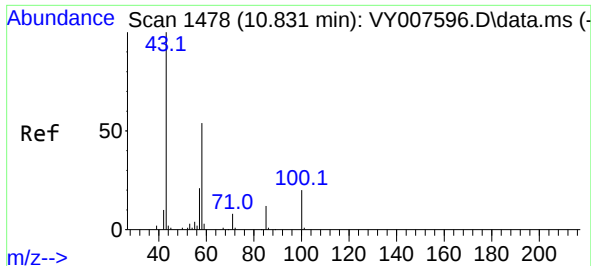
Tgt Ion: 76 Resp: 20994  
Ion Ratio Lower Upper  
76 100  
78 35.6 25.0 37.6



#58  
2-Chloroethyl Vinyl ether  
Concen: 123.103 ug/l  
RT: 9.782 min Scan# 1306  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 63 Resp: 39006  
Ion Ratio Lower Upper  
63 100  
106 39.8 21.5 32.3#

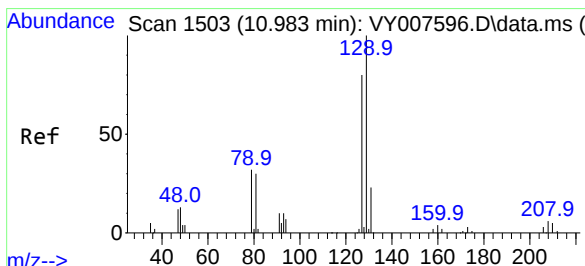
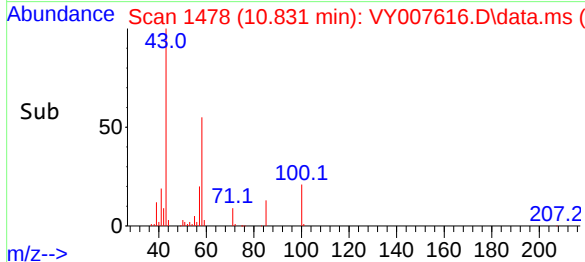
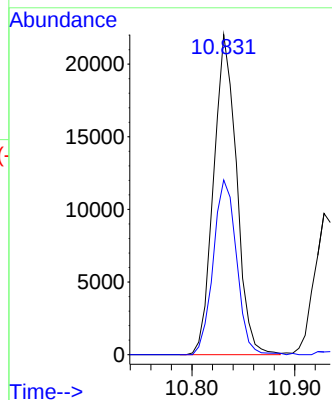
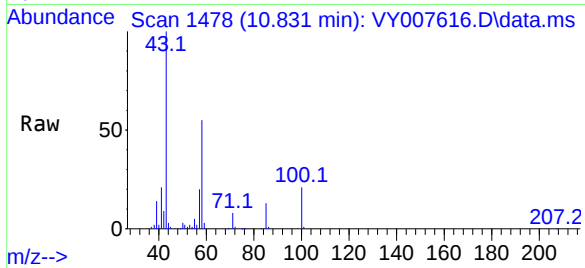




#59  
2-Hexanone  
Concen: 125.759 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

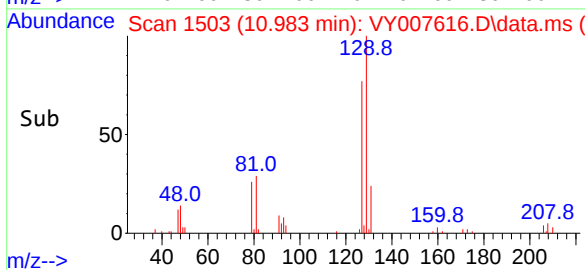
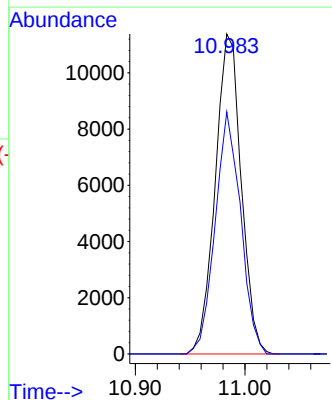
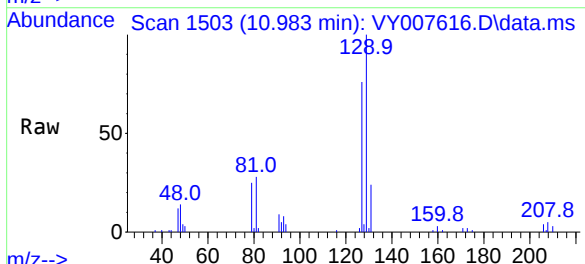
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

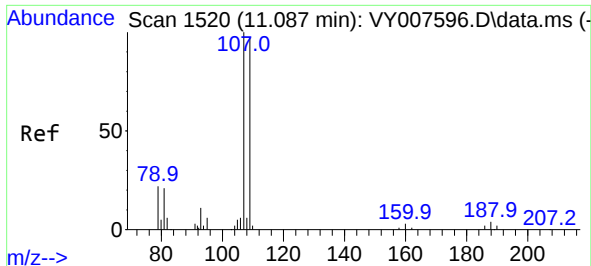
Tgt Ion: 43 Resp: 34172  
Ion Ratio Lower Upper  
43 100  
58 55.4 24.4 73.4



#60  
Dibromochloromethane  
Concen: 25.115 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion:129 Resp: 18767  
Ion Ratio Lower Upper  
129 100  
127 74.2 38.7 116.1

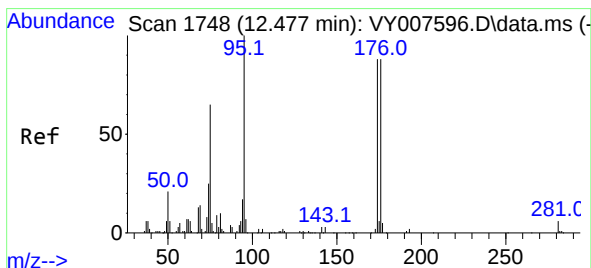
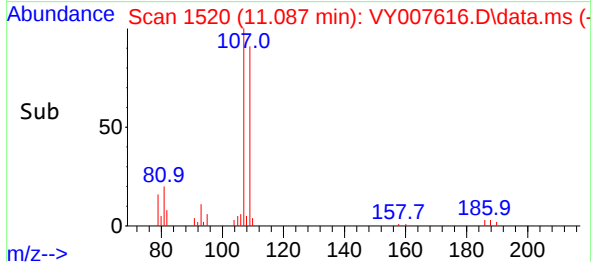
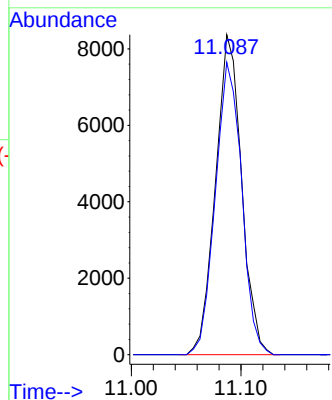
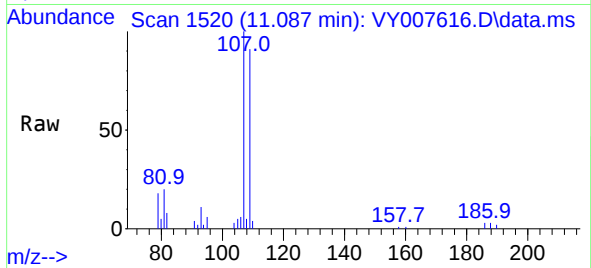




#61  
1,2-Dibromoethane  
Concen: 24.866 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

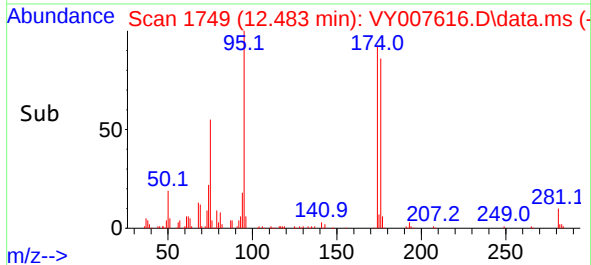
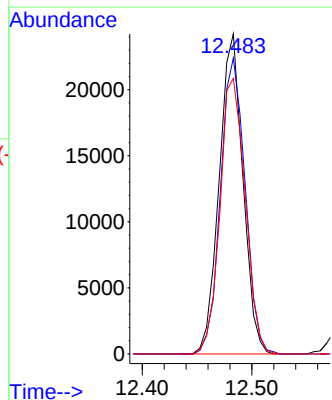
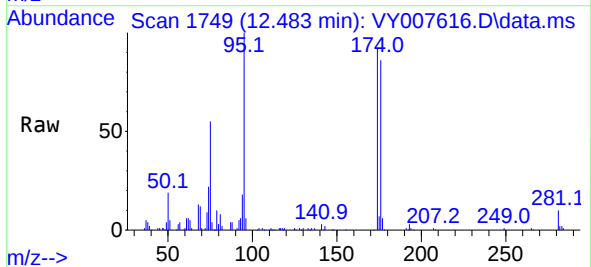
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

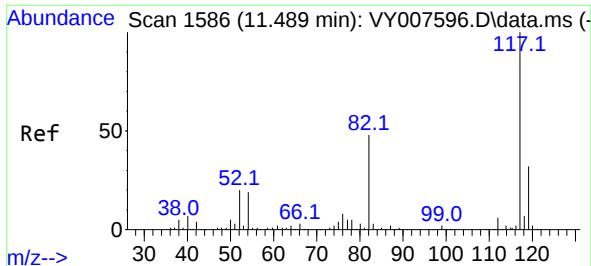
Tgt Ion:107 Resp: 13824  
Ion Ratio Lower Upper  
107 100  
109 92.2 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 50.341 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 95 Resp: 36391  
Ion Ratio Lower Upper  
95 100  
174 95.9 0.0 177.0  
176 91.6 0.0 175.8

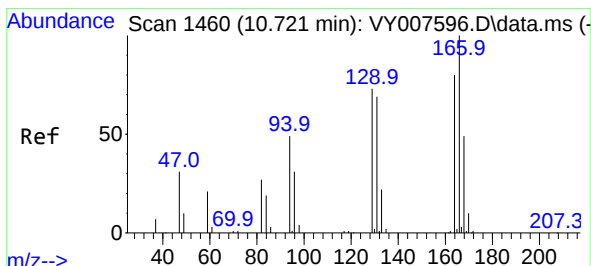
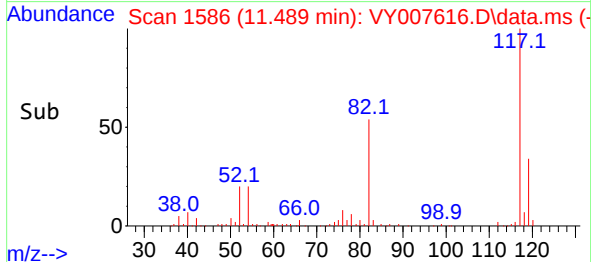
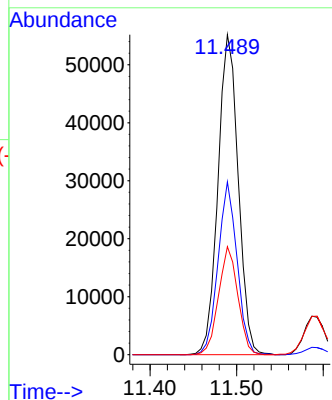
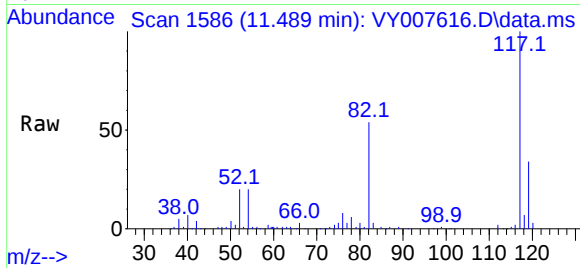




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

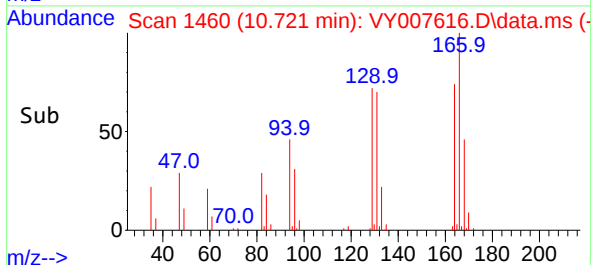
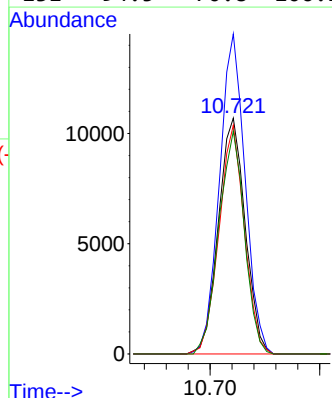
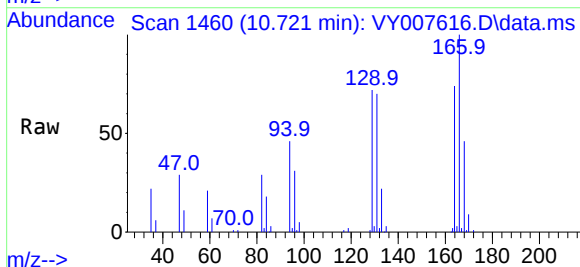
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

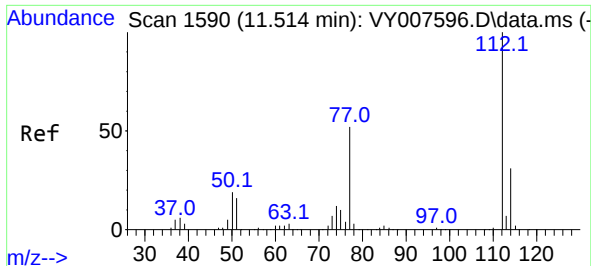
Tgt Ion:117 Resp: 89606  
Ion Ratio Lower Upper  
117 100  
82 54.0 43.0 64.4  
119 33.7 25.4 38.0



#64  
Tetrachloroethene  
Concen: 25.166 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion:164 Resp: 18151  
Ion Ratio Lower Upper  
164 100  
166 135.7 100.4 150.6  
129 97.0 71.4 107.0  
131 94.5 70.8 106.2

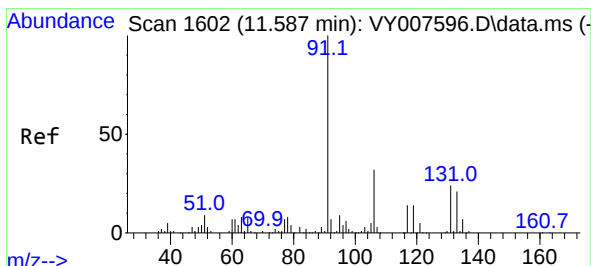
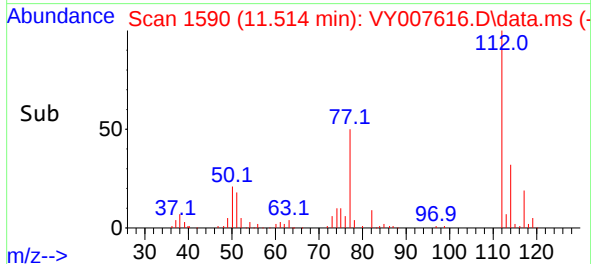
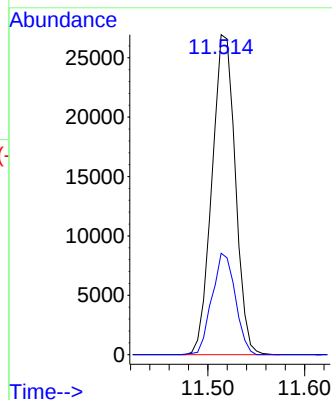
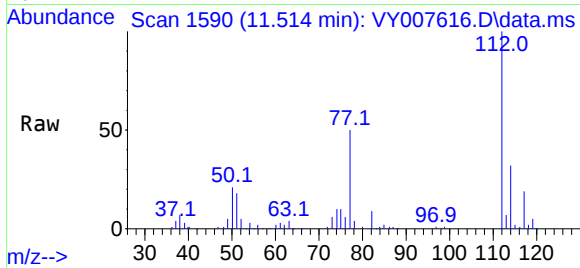




#65  
Chlorobenzene  
Concen: 23.150 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

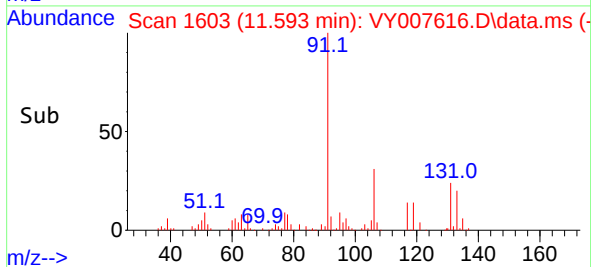
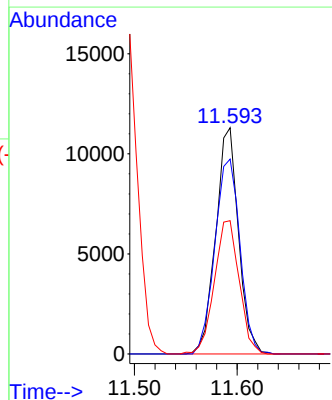
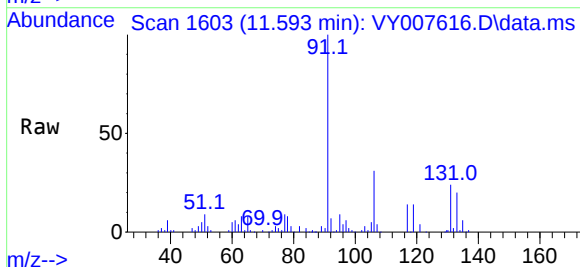
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

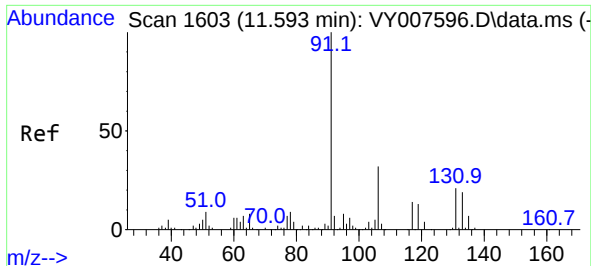
Tgt Ion:112 Resp: 45217  
Ion Ratio Lower Upper  
112 100  
114 31.7 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.444 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion:131 Resp: 17369  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.9 143.6  
119 64.3 30.8 92.3

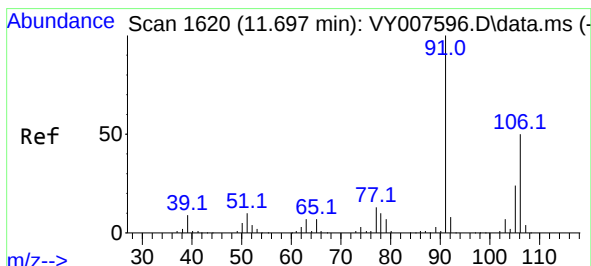
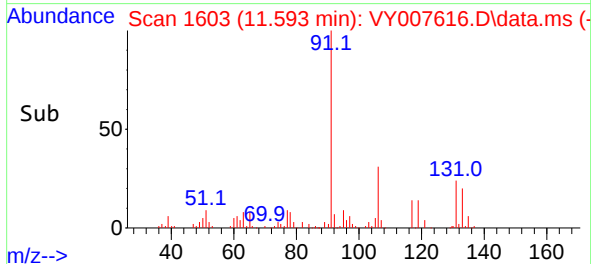
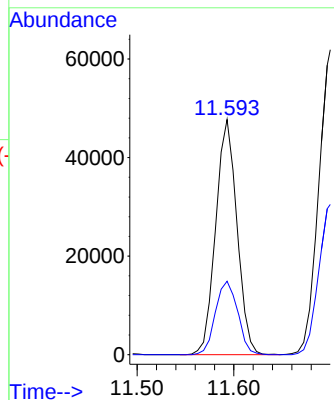
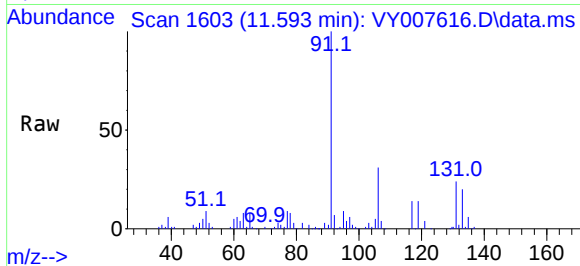




#67  
Ethyl Benzene  
Concen: 22.213 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

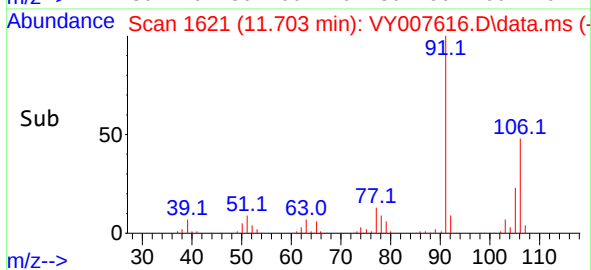
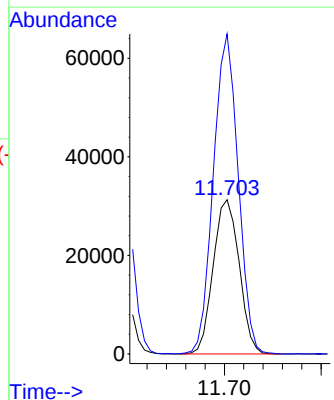
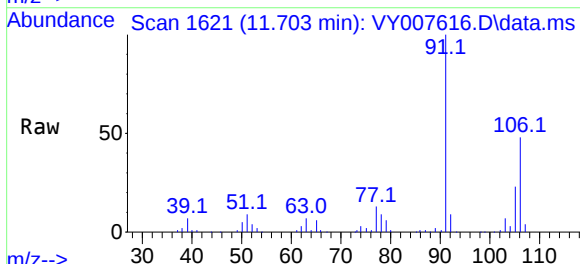
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

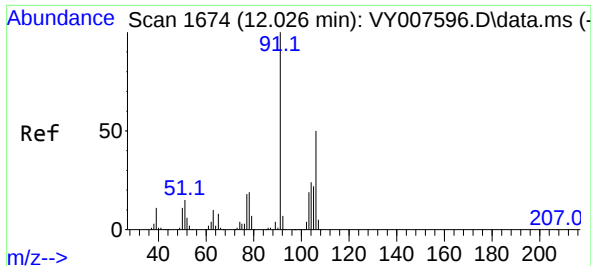
Tgt Ion: 91 Resp: 72763  
Ion Ratio Lower Upper  
91 100  
106 31.2 24.5 36.7



#68  
m/p-Xylenes  
Concen: 45.526 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion:106 Resp: 58403  
Ion Ratio Lower Upper  
106 100  
91 198.1 166.6 249.8

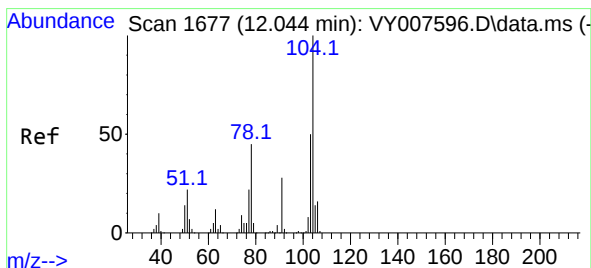
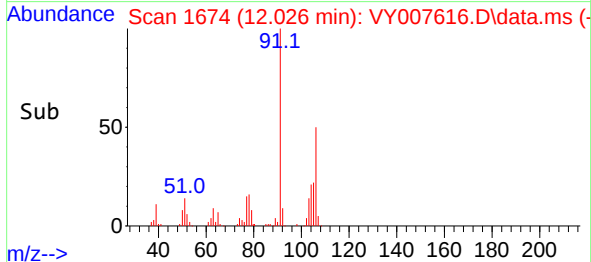
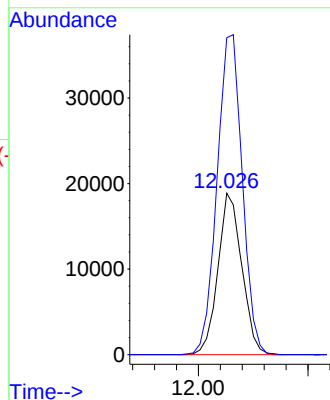
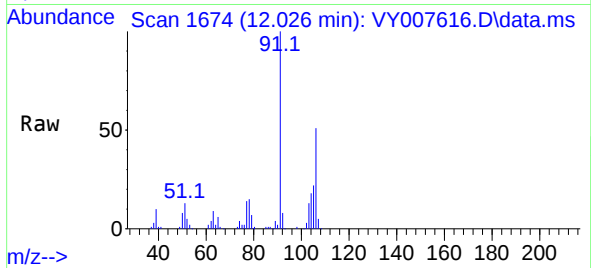




#69  
o-Xylene  
Concen: 22.631 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

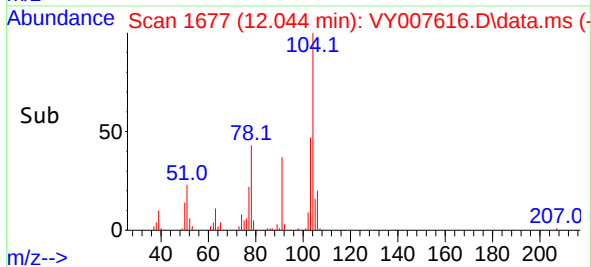
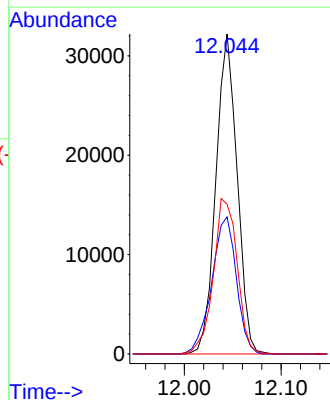
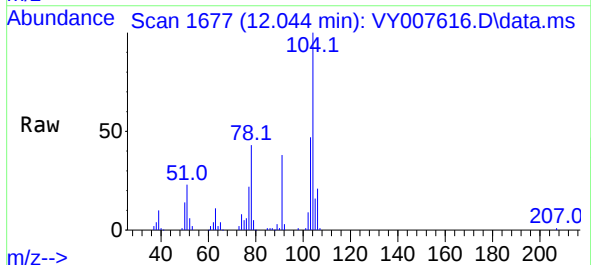
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

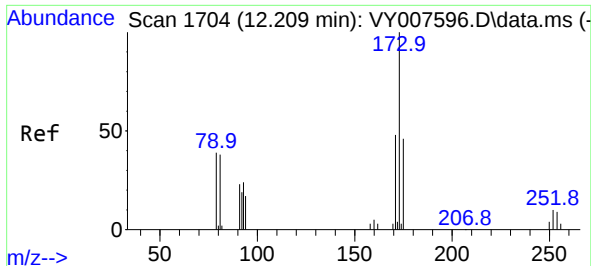
Tgt Ion:106 Resp: 28553  
Ion Ratio Lower Upper  
106 100  
91 209.7 110.3 331.0



#70  
Styrene  
Concen: 23.231 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion:104 Resp: 49030  
Ion Ratio Lower Upper  
104 100  
78 49.9 42.4 63.6  
103 54.6 44.4 66.6

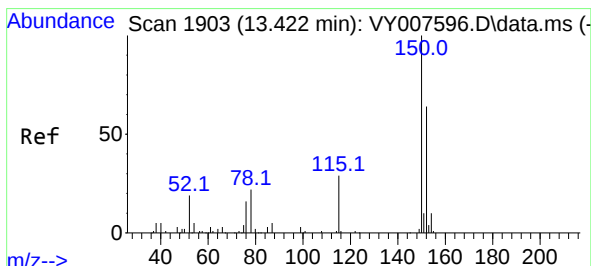
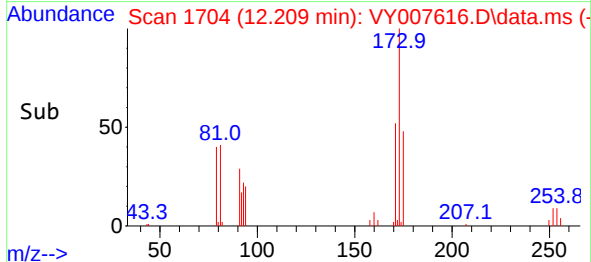
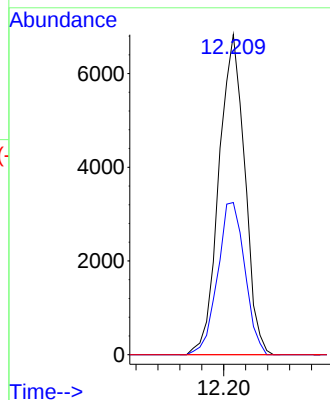
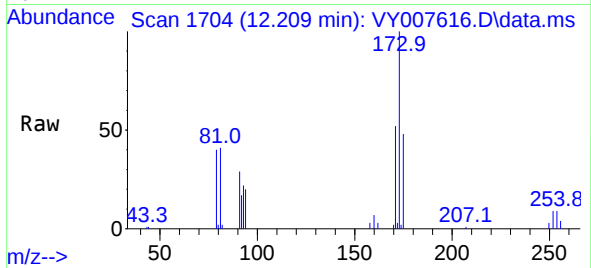




#71  
Bromoform  
Concen: 21.783 ug/l  
RT: 12.209 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

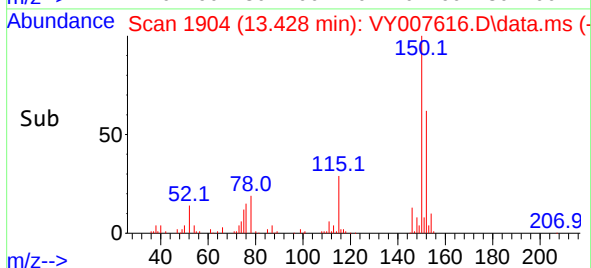
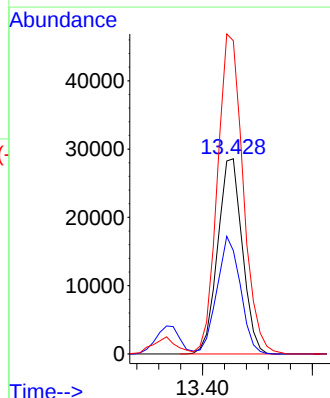
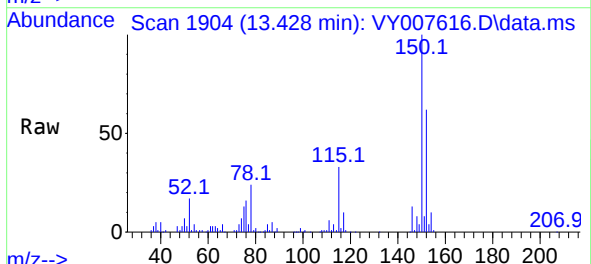
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

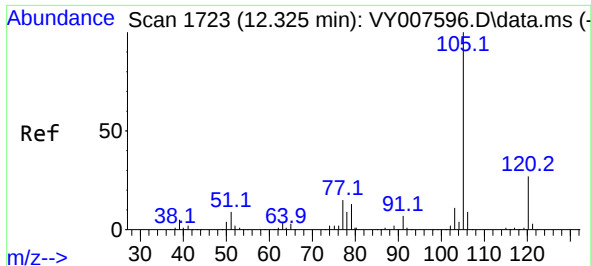
Tgt Ion:173 Resp: 11166  
Ion Ratio Lower Upper  
173 100  
175 50.1 24.6 74.0  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion:152 Resp: 44672  
Ion Ratio Lower Upper  
152 100  
115 57.5 28.2 84.7  
150 170.7 0.0 347.6

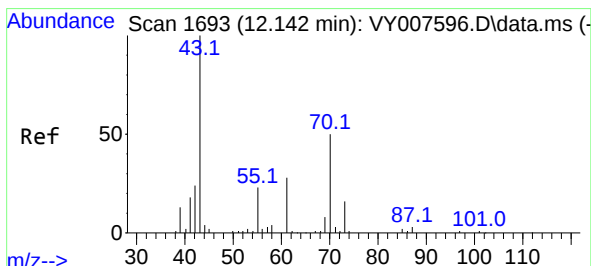
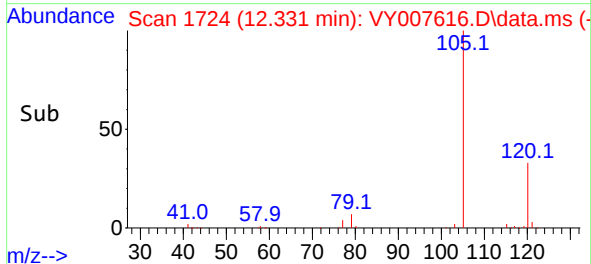
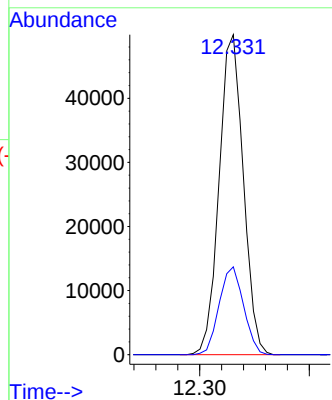
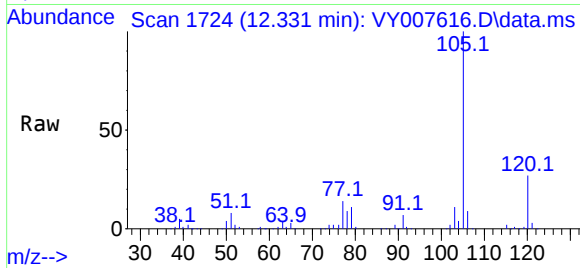




#73  
Isopropylbenzene  
Concen: 22.219 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

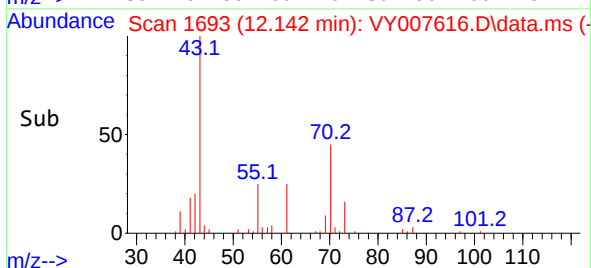
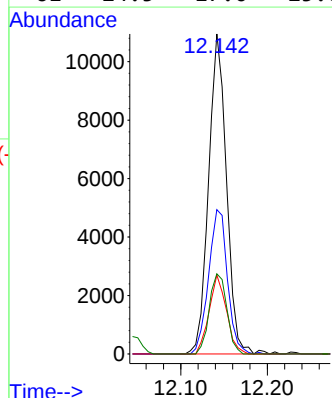
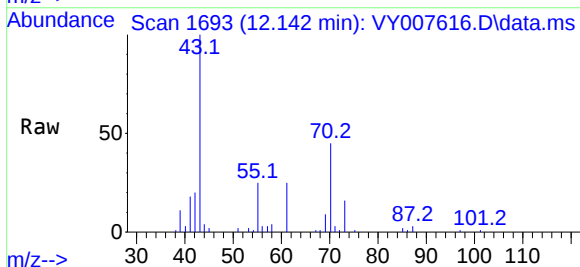
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

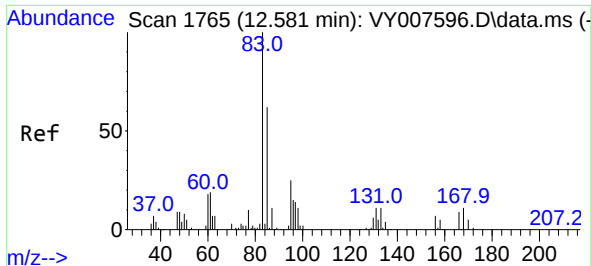
Tgt Ion:105 Resp: 76457  
Ion Ratio Lower Upper  
105 100  
120 27.7 13.4 40.2



#74  
N-ethyl acetate  
Concen: 23.473 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 43 Resp: 15730  
Ion Ratio Lower Upper  
43 100  
70 47.7 28.7 43.1#  
55 23.8 17.3 25.9  
61 24.5 17.0 25.6

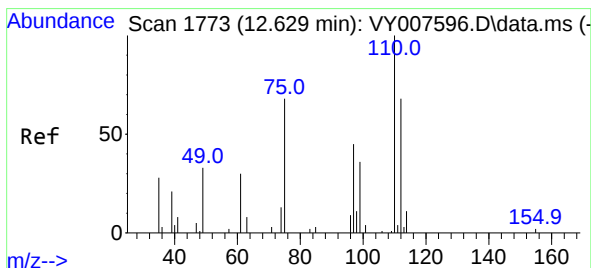
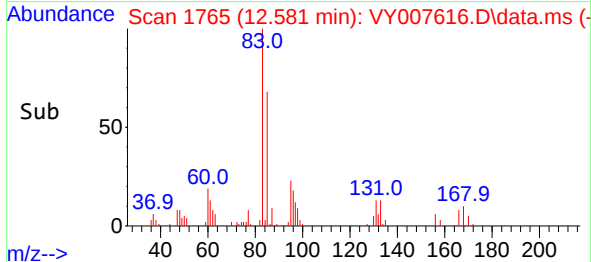
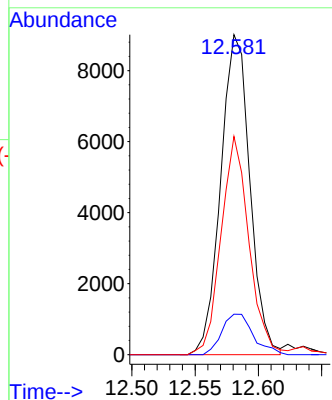
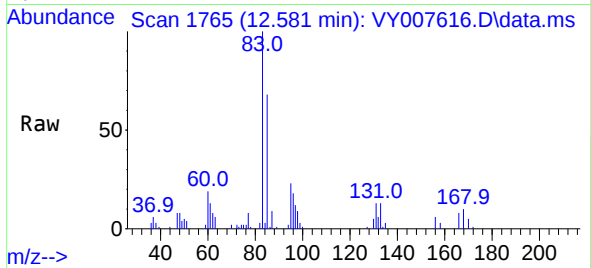




#75  
1,1,2,2-Tetrachloroethane  
Concen: 23.187 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

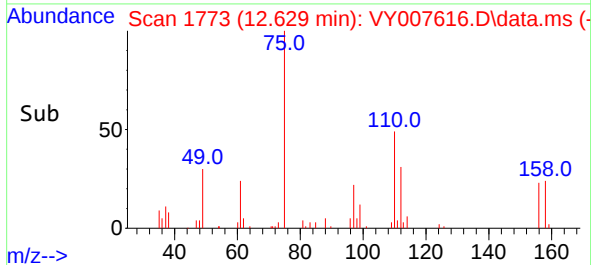
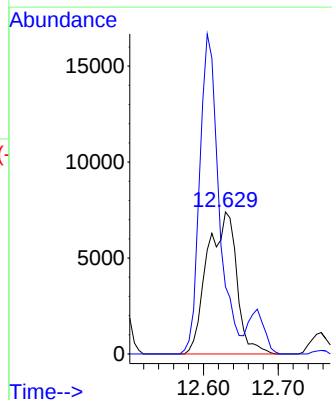
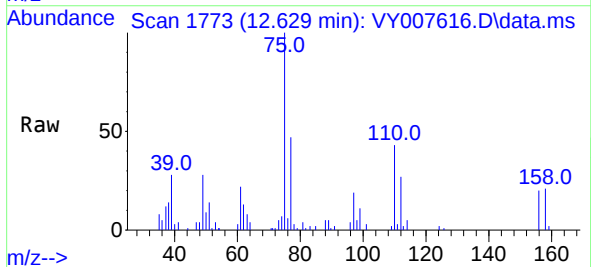
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

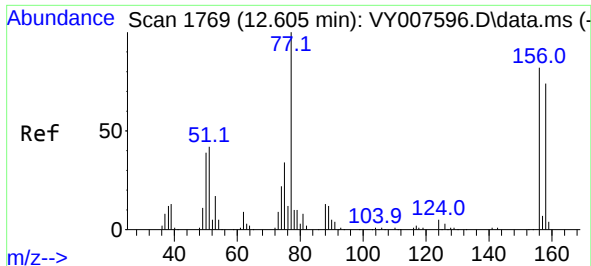
Tgt Ion: 83 Resp: 14467  
Ion Ratio Lower Upper  
83 100  
131 13.6 5.6 16.8  
85 65.2 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 45.362 ug/l  
RT: 12.629 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 75 Resp: 20267  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

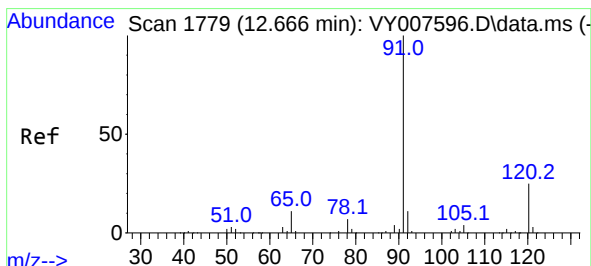
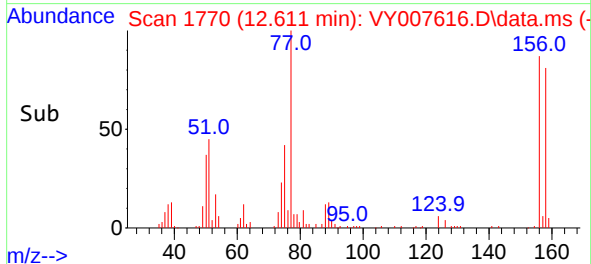
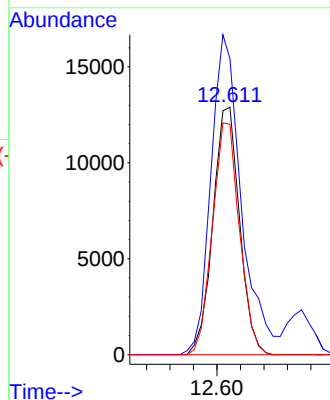
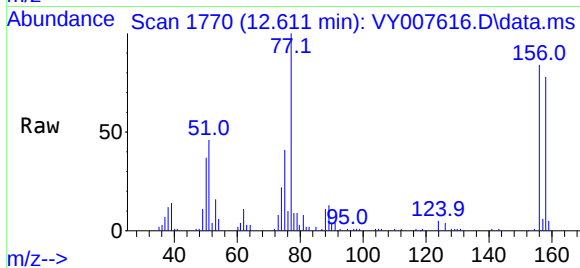




#77  
Bromobenzene  
Concen: 22.662 ug/l  
RT: 12.611 min Scan# 1769  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

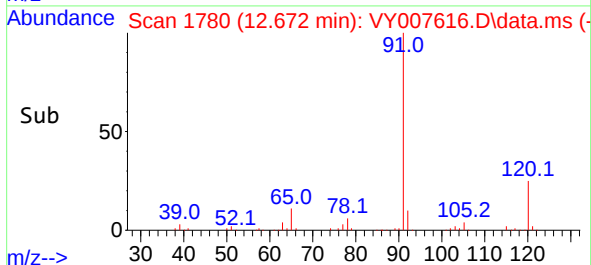
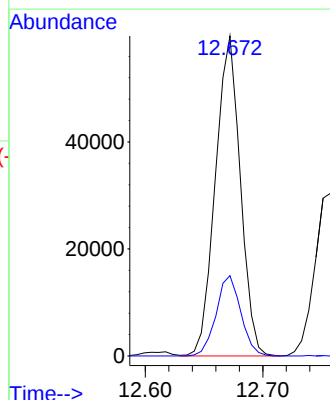
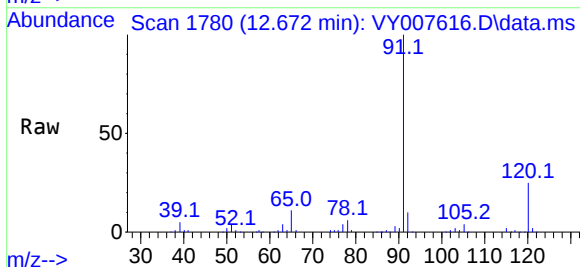
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

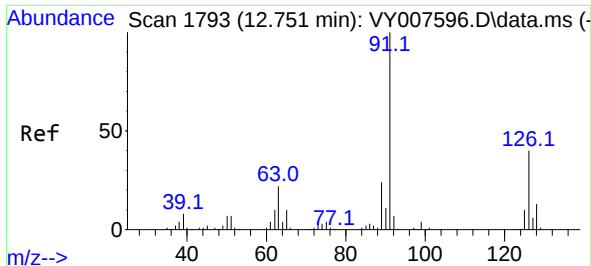
Tgt Ion:156 Resp: 20328  
Ion Ratio Lower Upper  
156 100  
77 148.2 95.5 286.4  
158 95.1 48.0 144.0



#78  
n-propylbenzene  
Concen: 22.194 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 91 Resp: 88201  
Ion Ratio Lower Upper  
91 100  
120 24.8 11.3 33.9





#79

2-Chlorotoluene

Concen: 21.925 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007616.D

Acq: 24 Feb 2022 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

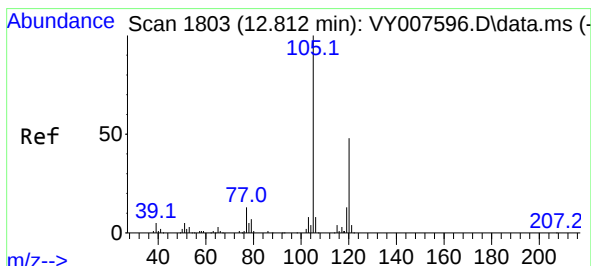
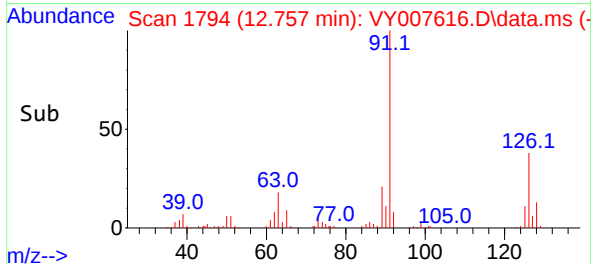
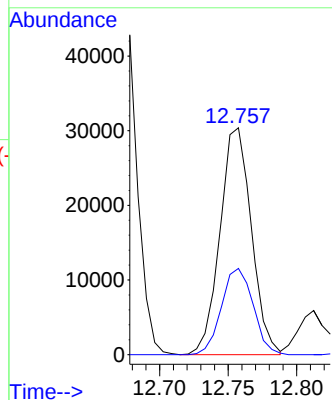
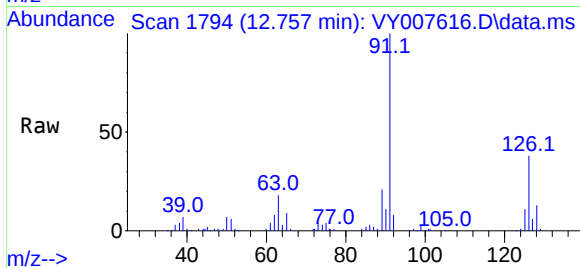
VY0224SBS01

Tgt Ion: 91 Resp: 48508

Ion Ratio Lower Upper

91 100

126 38.2 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 21.878 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY007616.D

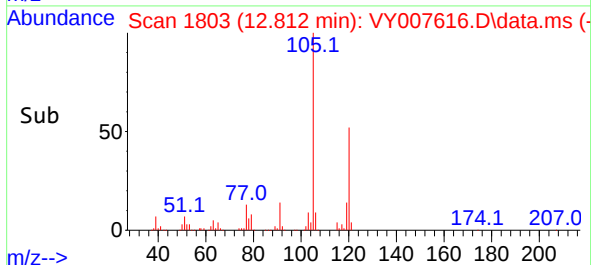
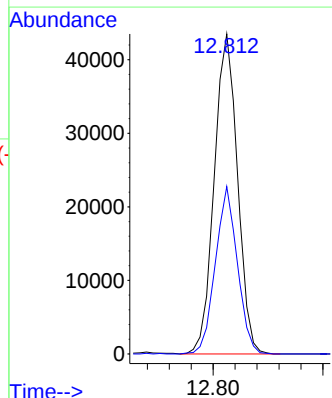
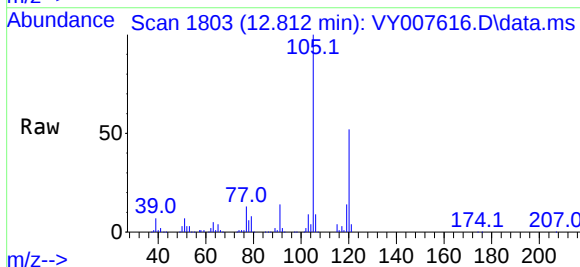
Acq: 24 Feb 2022 11:39

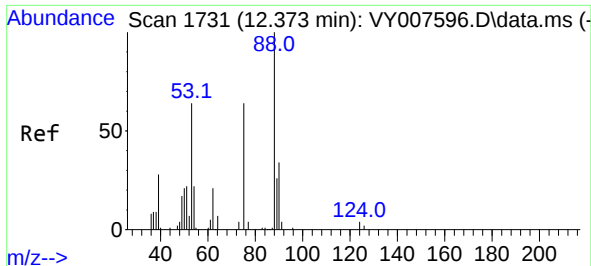
Tgt Ion:105 Resp: 64043

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.4

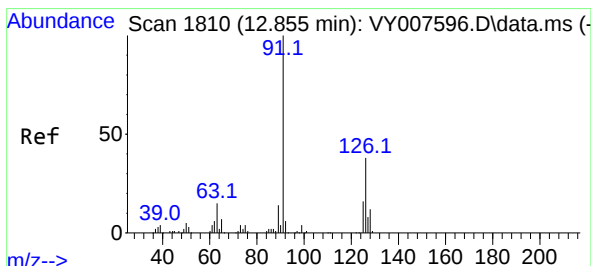
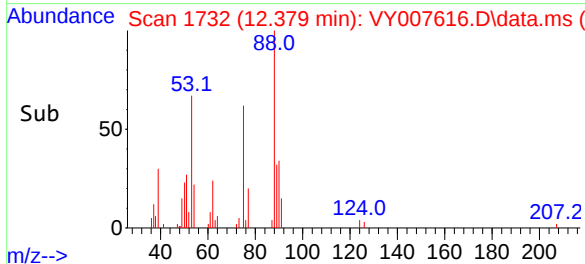
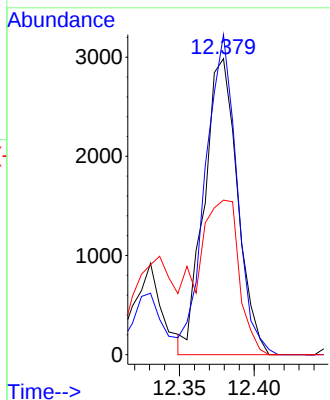
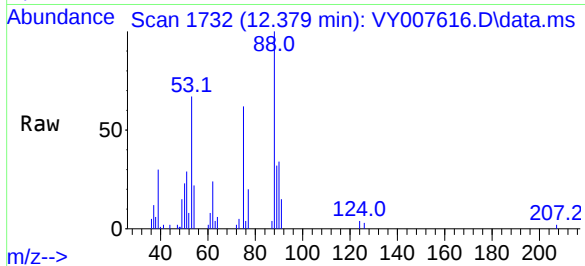




#81  
trans-1,4-Dichloro-2-butene  
Concen: 22.181 ug/l  
RT: 12.379 min Scan# 1731  
Delta R.T. 0.006 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

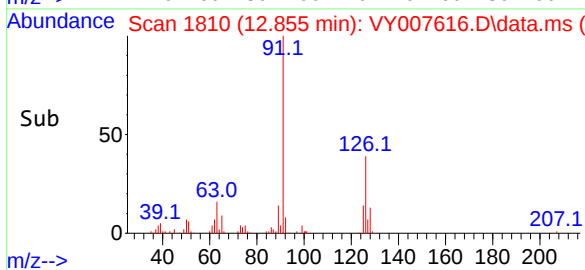
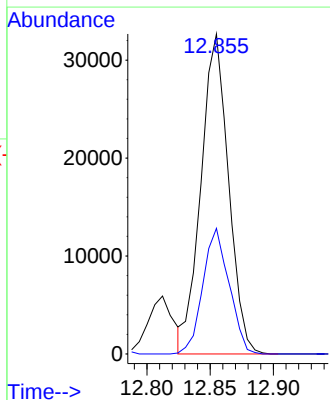
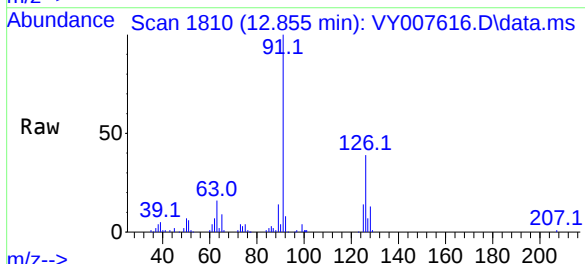
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

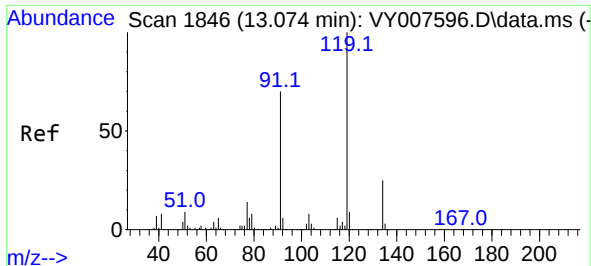
Tgt Ion: 75 Resp: 4609  
Ion Ratio Lower Upper  
75 100  
53 102.1 85.3 127.9  
89 65.4 37.0 55.4#



#82  
4-Chlorotoluene  
Concen: 21.917 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 91 Resp: 49449  
Ion Ratio Lower Upper  
91 100  
126 37.5 17.0 51.0

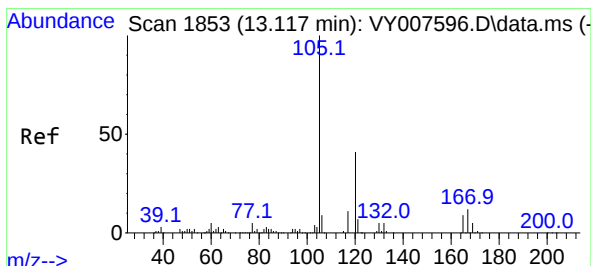
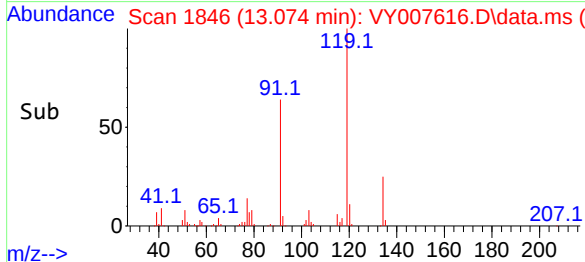
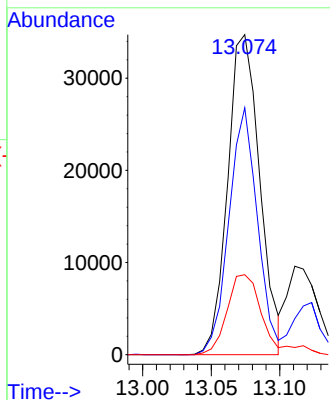
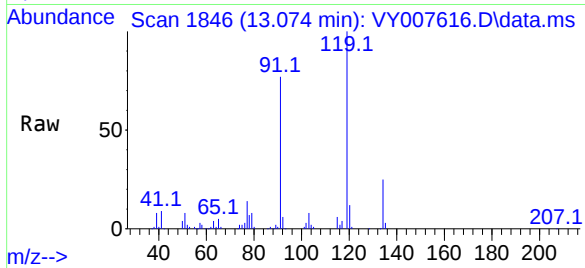




#83  
tert-Butylbenzene  
Concen: 21.701 ug/l  
RT: 13.074 min Scan# 1191  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

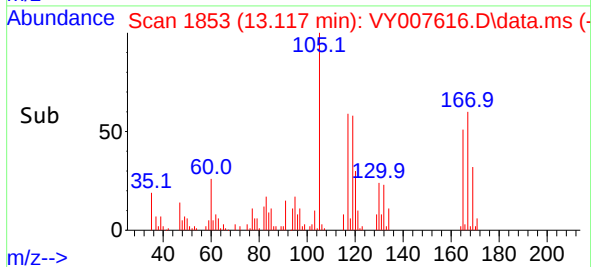
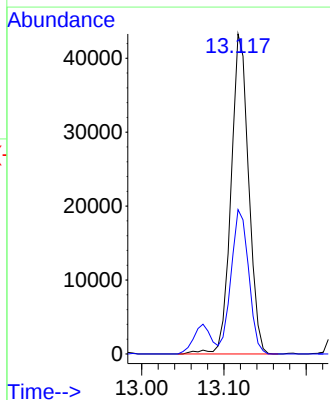
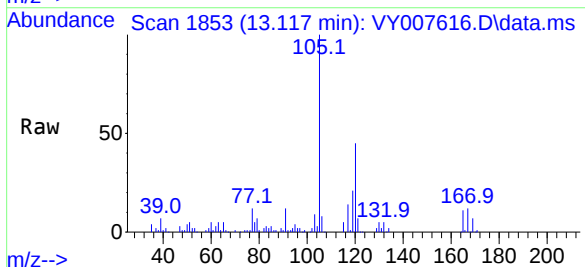
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

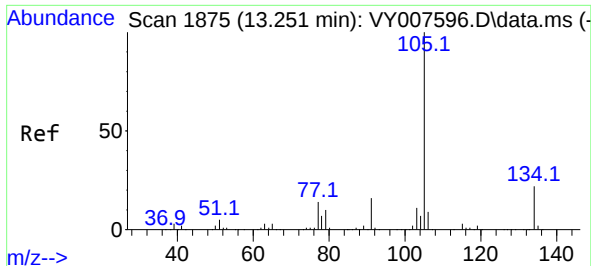
Tgt Ion:119 Resp: 56767  
Ion Ratio Lower Upper  
119 100  
91 68.6 34.8 104.4  
134 28.0 13.3 39.9



#84  
1,2,4-Trimethylbenzene  
Concen: 22.419 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion:105 Resp: 64322  
Ion Ratio Lower Upper  
105 100  
120 45.1 22.3 66.9

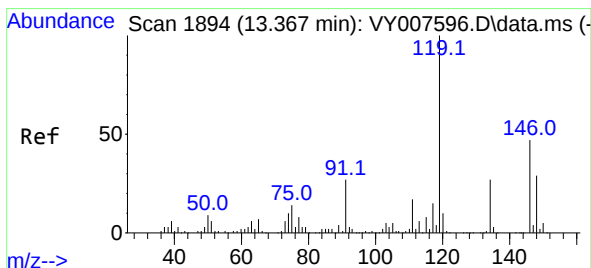
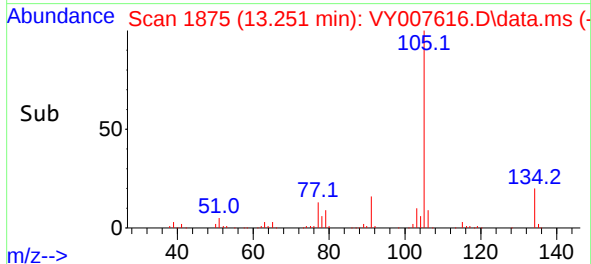
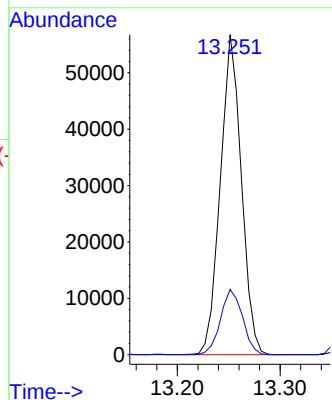
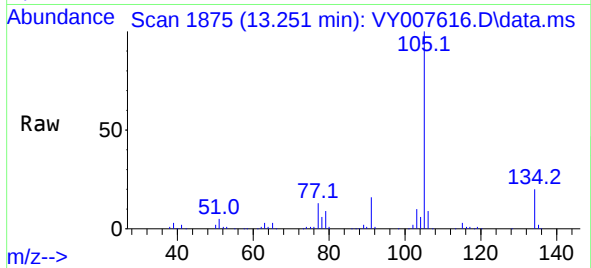




#85  
sec-Butylbenzene  
Concen: 21.807 ug/l  
RT: 13.251 min Scan# 1875  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

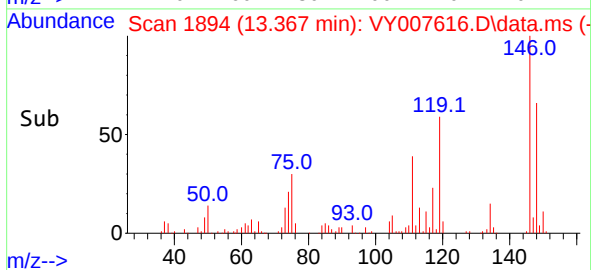
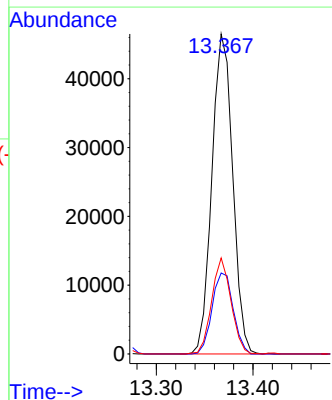
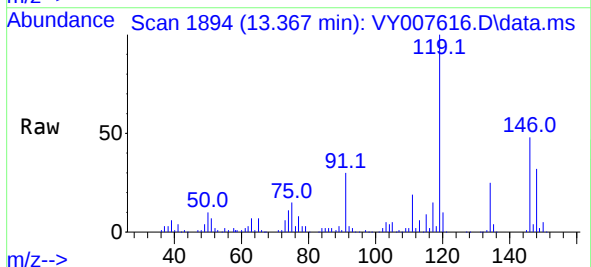
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

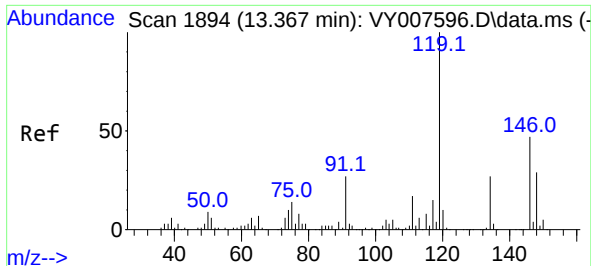
Tgt Ion:105 Resp: 80606  
Ion Ratio Lower Upper  
105 100  
134 21.3 10.2 30.4



#86  
p-Isopropyltoluene  
Concen: 21.875 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion:119 Resp: 69489  
Ion Ratio Lower Upper  
119 100  
134 25.7 13.2 39.5  
91 27.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 21.980 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007616.D

Acq: 24 Feb 2022 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY0224SBS01

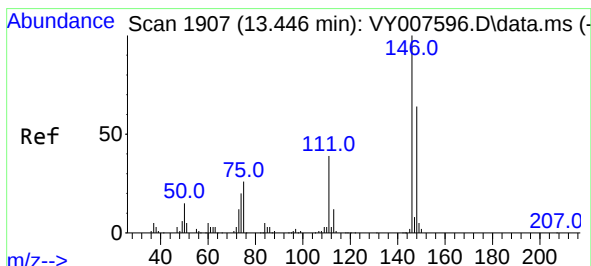
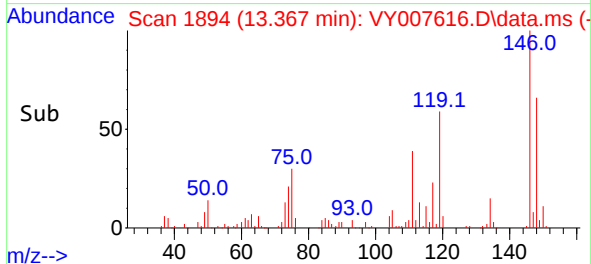
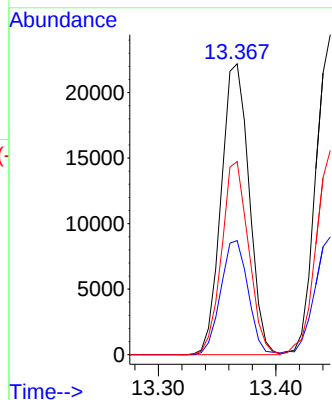
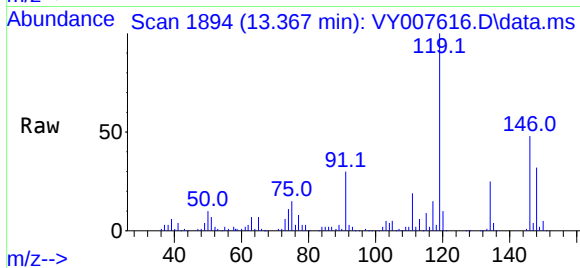
Tgt Ion:146 Resp: 36625

Ion Ratio Lower Upper

146 100

111 38.6 19.5 58.5

148 64.3 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 23.130 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY007616.D

Acq: 24 Feb 2022 11:39

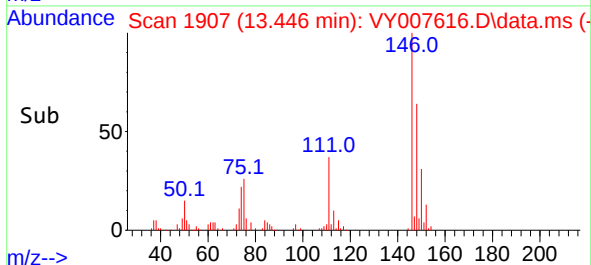
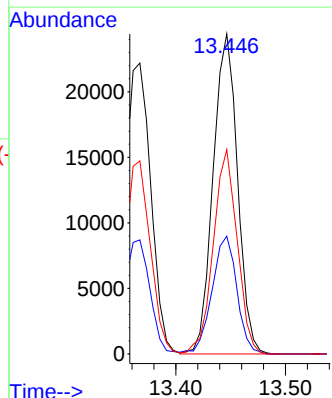
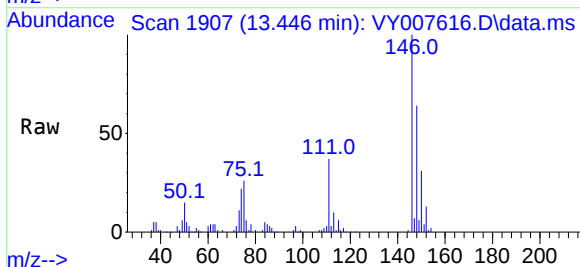
Tgt Ion:146 Resp: 37733

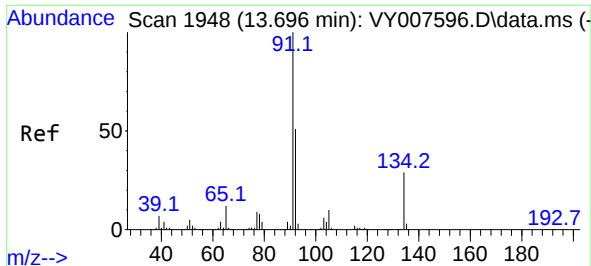
Ion Ratio Lower Upper

146 100

111 37.5 19.3 57.8

148 62.6 32.6 97.8

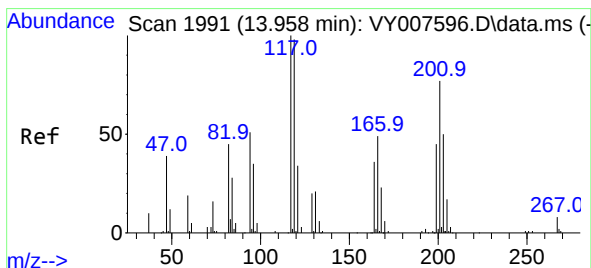
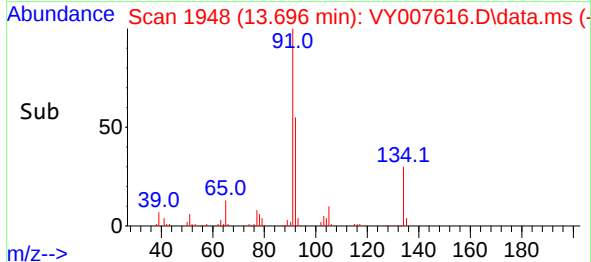
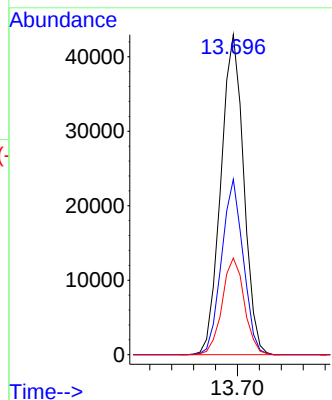
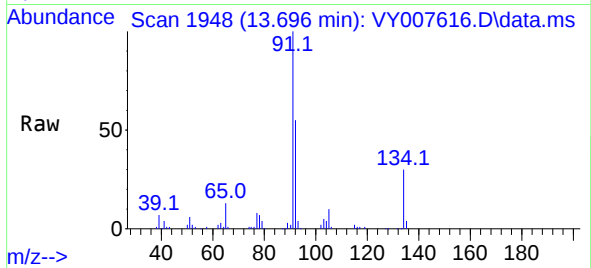




#89  
n-Butylbenzene  
Concen: 21.752 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

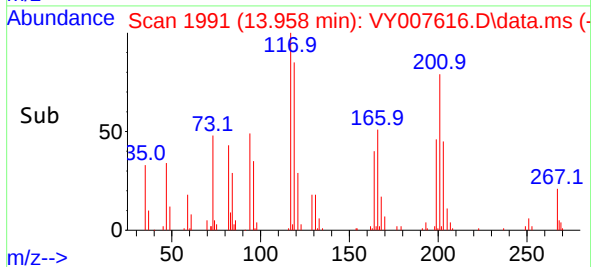
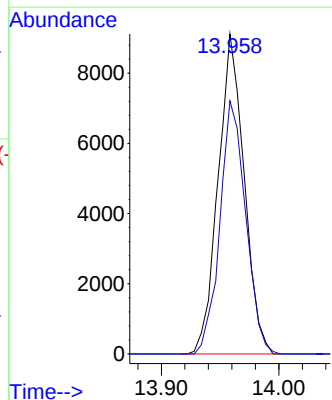
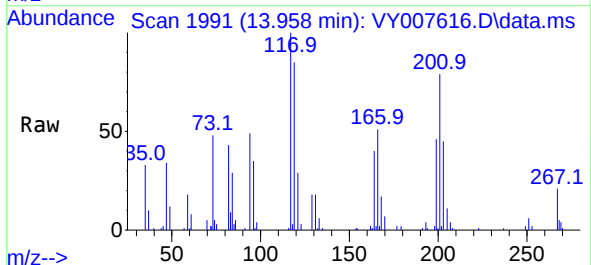
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

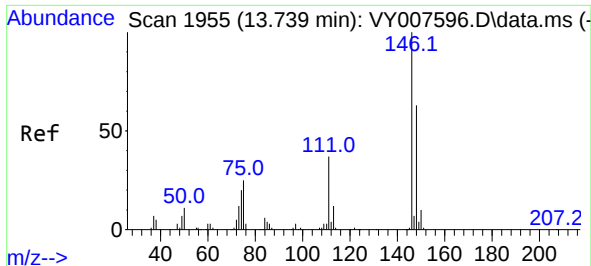
Tgt Ion: 91 Resp: 62214  
Ion Ratio Lower Upper  
91 100  
92 52.1 26.3 78.9  
134 29.3 13.0 38.9



#90  
Hexachloroethane  
Concen: 21.891 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion: 117 Resp: 14017  
Ion Ratio Lower Upper  
117 100  
201 78.4 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 22.292 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY007616.D

Acq: 24 Feb 2022 11:39

Instrument :

MSVOA\_Y

ClientSampleId :

VY0224SBS01

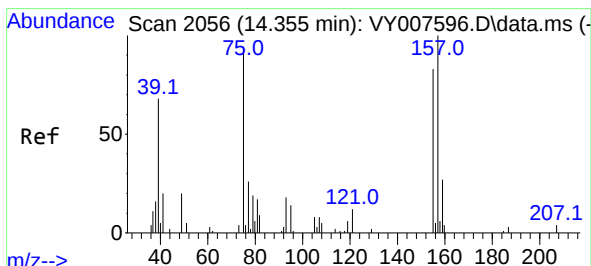
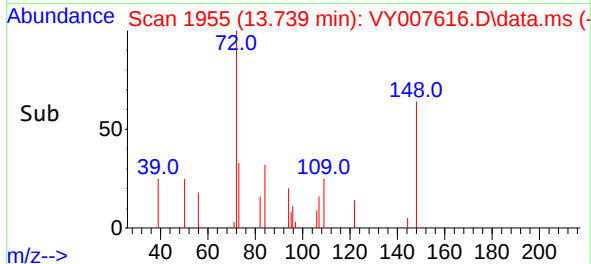
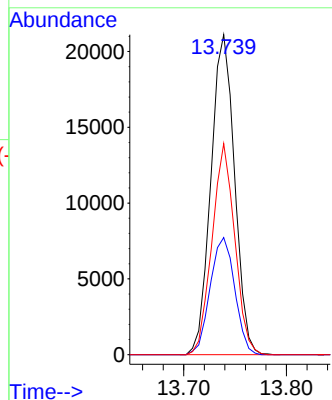
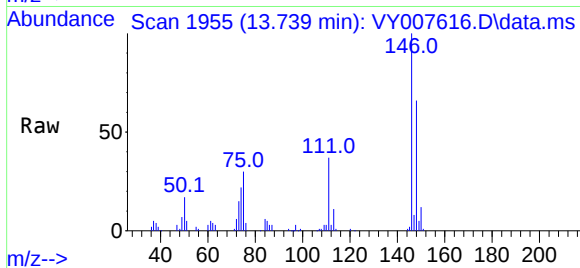
Tgt Ion:146 Resp: 33743

Ion Ratio Lower Upper

146 100

111 38.1 20.3 60.9

148 63.5 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.962 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY007616.D

Acq: 24 Feb 2022 11:39

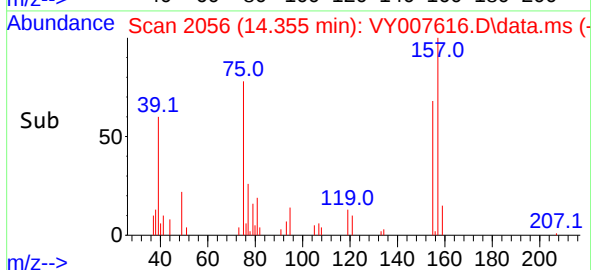
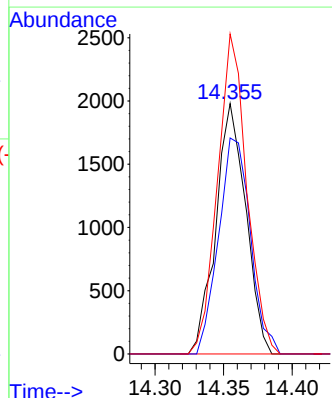
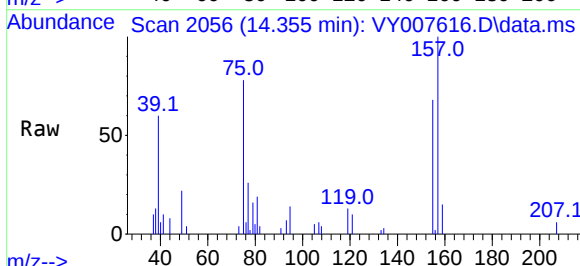
Tgt Ion: 75 Resp: 3007

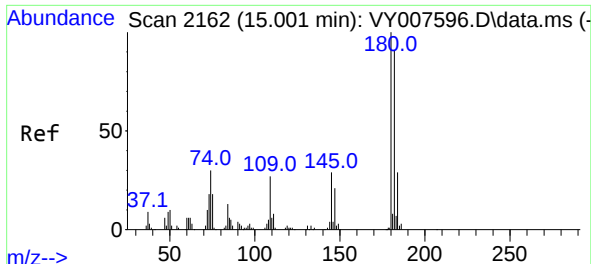
Ion Ratio Lower Upper

75 100

155 91.6 38.0 113.9

157 124.9 47.8 143.3

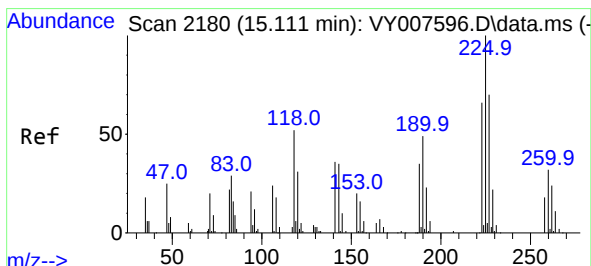
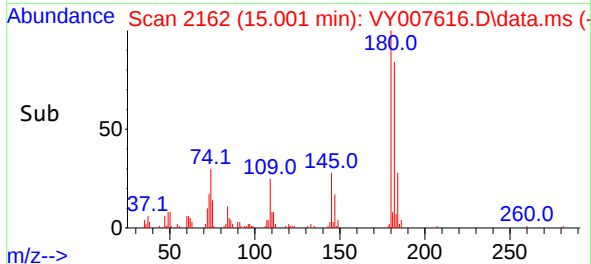
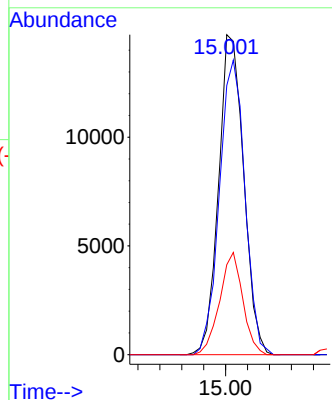
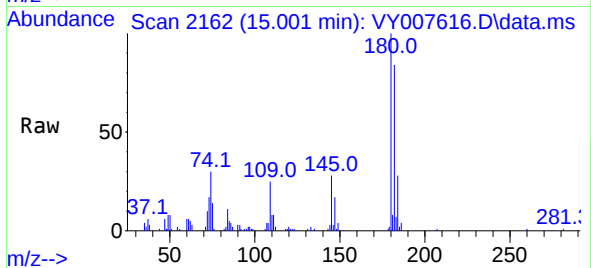




#93  
1,2,4-Trichlorobenzene  
Concen: 22.143 ug/l  
RT: 15.001 min Scan# 2162  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

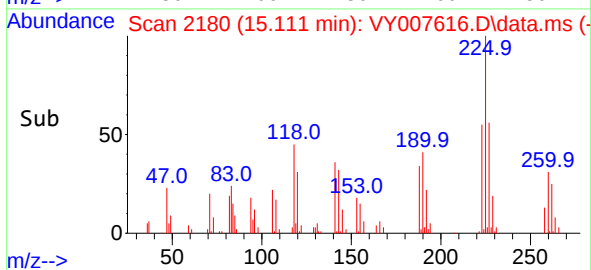
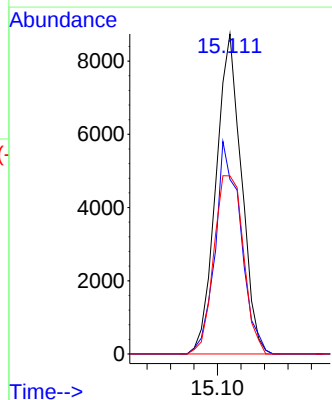
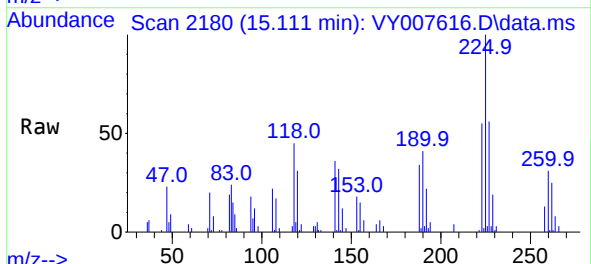
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

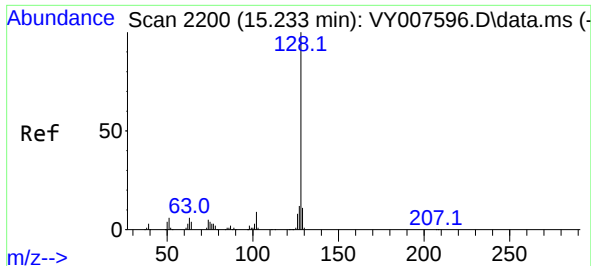
Tgt Ion:180 Resp: 23372  
Ion Ratio Lower Upper  
180 100  
182 93.5 47.3 141.9  
145 29.5 14.6 43.8



#94  
Hexachlorobutadiene  
Concen: 22.448 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Tgt Ion:225 Resp: 13146  
Ion Ratio Lower Upper  
225 100  
223 66.3 30.8 92.3  
227 64.6 31.6 94.7

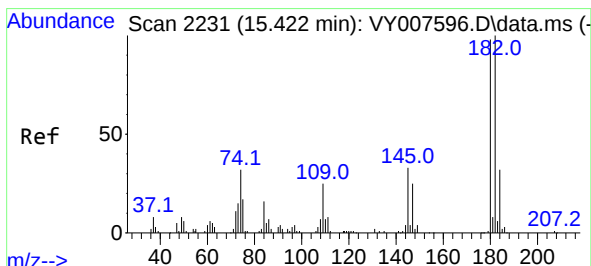
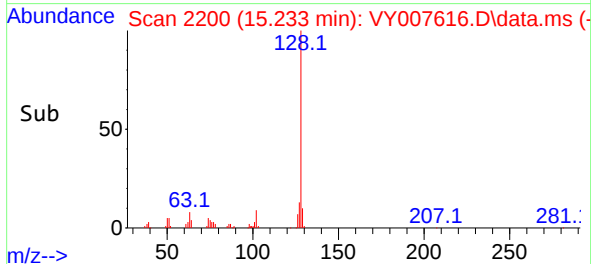
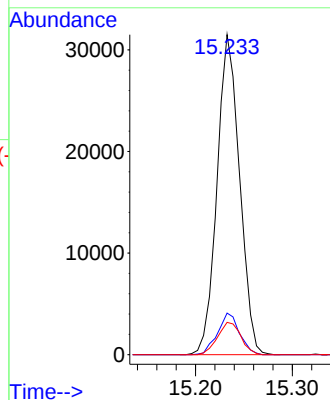
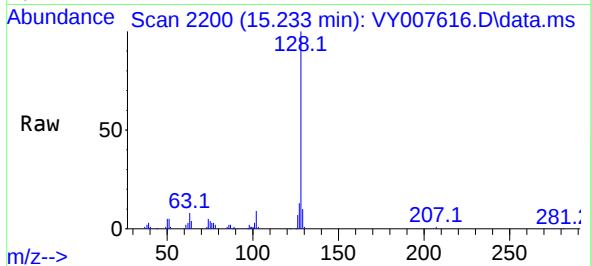




#95  
Naphthalene  
Concen: 22.488 ug/l  
RT: 15.233 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0224SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 50944 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.6  | 11.0  | 16.4  |
| 129      | 10.5  | 8.4   | 12.6  |



#96  
1,2,3-Trichlorobenzene  
Concen: 22.711 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY007616.D  
Acq: 24 Feb 2022 11:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 20709 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 92.6  | 47.3  | 141.9 |
| 145      | 31.0  | 15.3  | 45.9  |

