

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011722\  
 Data File : VY007180.D  
 Acq On : 17 Jan 2022 11:05  
 Operator : SY/MD  
 Sample : VY0117SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0117SBS01

Quant Time: Jan 17 17:45:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:48:29 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 144092   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 241763   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 213435   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 97416    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 89916    | 50.857   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 101.720% |      |
| 35) Dibromofluoromethane    | 7.716  | 113   | 80601    | 49.304   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 98.600%  |      |
| 50) Toluene-d8              | 10.179 | 98    | 295253   | 49.428   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 98.860%  |      |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 107216   | 50.459   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 100.920% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.918 | 85  | 9631   | 19.062  | ug/l   | 97  |
| 3) Chloromethane             | 2.119 | 50  | 18044  | 17.030  | ug/l   | 94  |
| 4) Vinyl Chloride            | 2.259 | 62  | 27980  | 18.144  | ug/l   | 97  |
| 5) Bromomethane              | 2.656 | 94  | 18022  | 18.048  | ug/l   | 95  |
| 6) Chloroethane              | 2.796 | 64  | 18054  | 18.764  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 3.131 | 101 | 33275  | 20.022  | ug/l   | 95  |
| 8) Diethyl Ether             | 3.528 | 74  | 17760  | 19.406  | ug/l   | 93  |
| 9) 1,1,2-Trichlorotrifluo... | 3.906 | 101 | 30401  | 18.775  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.088 | 142 | 43039  | 17.971  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.960 | 59  | 16504  | 106.718 | ug/l   | 96  |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 29938  | 18.361  | ug/l   | 97  |
| 13) Acrolein                 | 3.729 | 56  | 4585   | 117.999 | ug/l   | 98  |
| 14) Allyl chloride           | 4.485 | 41  | 50770  | 19.420  | ug/l   | 96  |
| 15) Acrylonitrile            | 5.161 | 53  | 45793  | 104.115 | ug/l   | 99  |
| 16) Acetone                  | 3.942 | 43  | 40206  | 87.624  | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.198 | 76  | 77256  | 17.062  | ug/l   | 97  |
| 18) Methyl Acetate           | 4.479 | 43  | 36593  | 22.413  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 5.222 | 73  | 64608  | 20.127  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.710 | 84  | 35279  | 18.594  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.222 | 96  | 33290  | 18.833  | ug/l   | 98  |
| 22) Diisopropyl ether        | 6.119 | 45  | 103598 | 19.560  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.058 | 43  | 299032 | 96.005  | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 61647  | 19.134  | ug/l   | 99  |
| 25) 2-Butanone               | 6.984 | 43  | 58837  | 99.178  | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 6.984 | 77  | 45729  | 19.475  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 6.990 | 96  | 37778  | 18.840  | ug/l   | 95  |
| 28) Bromochloromethane       | 7.338 | 49  | 20314  | 17.431  | ug/l   | 95  |
| 29) Tetrahydrofuran          | 7.344 | 42  | 39162  | 102.693 | ug/l   | 98  |
| 30) Chloroform               | 7.509 | 83  | 65767  | 19.646  | ug/l   | 99  |
| 31) Cyclohexane              | 7.789 | 56  | 55135  | 18.446  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 7.704 | 97  | 55202  | 19.293  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 49579  | 18.989  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.076 | 43  | 27005  | 20.154  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 52300  | 19.044  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.185 | 83  | 58961  | 18.496  | ug/l   | 98  |
| 40) Benzene                  | 8.161 | 78  | 131719 | 18.913  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011722\  
 Data File : VY007180.D  
 Acq On : 17 Jan 2022 11:05  
 Operator : SY/MD  
 Sample : VY0117SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0117SBS01

Quant Time: Jan 17 17:45:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:48:29 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.344  | 41   | 37835    | 49.034  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 44338    | 20.217  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 53032    | 20.341  | ug/l   | 97       |
| 44) Trichloroethene           | 8.941  | 130  | 35705    | 18.945  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 33728    | 19.044  | ug/l   | 92       |
| 46) Dibromomethane            | 9.307  | 93   | 20202    | 19.289  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.496  | 83   | 50667    | 19.679  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.295  | 41   | 23399    | 19.731  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 4764     | 421.873 | ug/l   | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 135206   | 102.276 | ug/l   | 97       |
| 52) Toluene                   | 10.246 | 92   | 85314    | 19.325  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 53770    | 19.784  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 59058    | 19.412  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 27382    | 19.275  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 39715    | 19.844  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.795 | 76   | 49456    | 19.972  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.789  | 63   | 944      | 1.037   | ug/l   | 99       |
| 59) 2-Hexanone                | 10.837 | 43   | 92093    | 102.648 | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.984 | 129  | 34571    | 19.796  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 27249    | 19.525  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 28795    | 18.717  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.520 | 112  | 89074    | 19.086  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 33785    | 19.529  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.593 | 91   | 170204   | 19.404  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.703 | 106  | 125603   | 38.533  | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 58967    | 19.210  | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 99952    | 19.302  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 20223    | 20.209  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.337 | 105  | 160954   | 19.130  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 45919    | 20.409  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 32150    | 19.650  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 43276    | 38.959  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 34327    | 18.750  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.672 | 91   | 196591   | 18.848  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 112302   | 19.365  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.819 | 105  | 133589   | 19.337  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 11884    | 19.586  | ug/l # | 98       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 116861   | 19.318  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.081 | 119  | 116463   | 19.510  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 133382   | 19.478  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.258 | 105  | 172767   | 19.346  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 139299   | 18.981  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 68235    | 19.041  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 67743    | 18.800  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.703 | 91   | 138981   | 19.233  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.965 | 117  | 28133    | 19.608  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 59689    | 18.720  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 5704     | 20.186  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 35194    | 18.151  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 19161    | 19.175  | ug/l   | 94       |
| 95) Naphthalene               | 15.239 | 128  | 77275    | 18.764  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 30357    | 18.352  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011722\  
Data File : VY007180.D  
Acq On : 17 Jan 2022 11:05  
Operator : SY/MD  
Sample : VY0117SBS01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 4 Sample Multiplier: 1

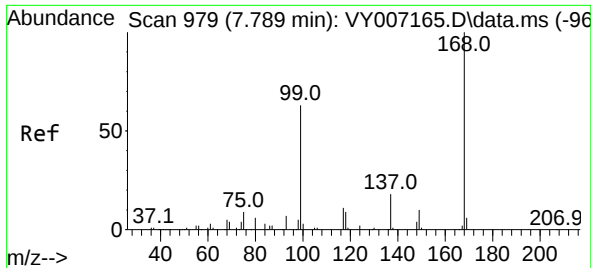
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

Quant Time: Jan 17 17:45:57 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 14 05:48:29 2022  
Response via : Initial Calibration

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

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

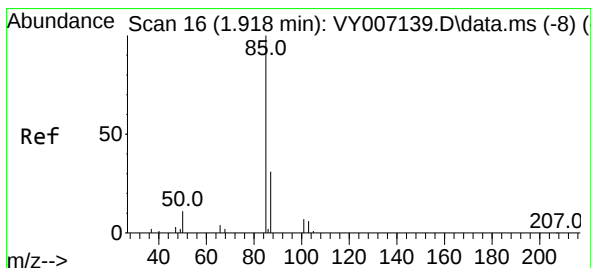
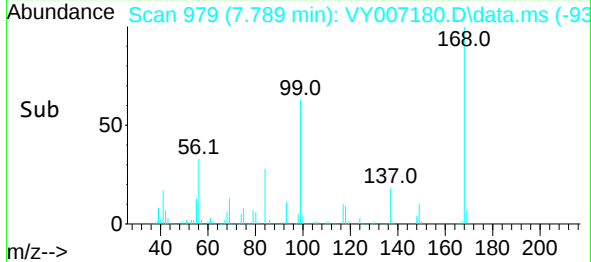
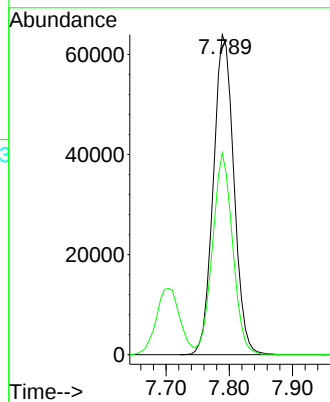
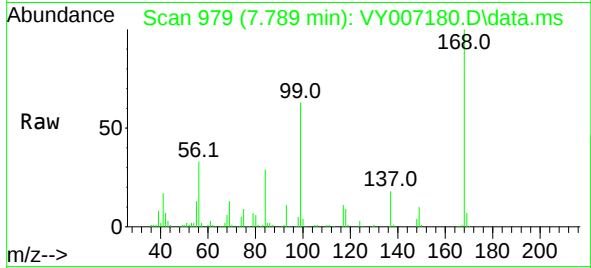




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

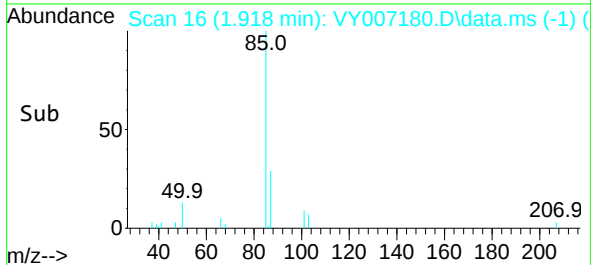
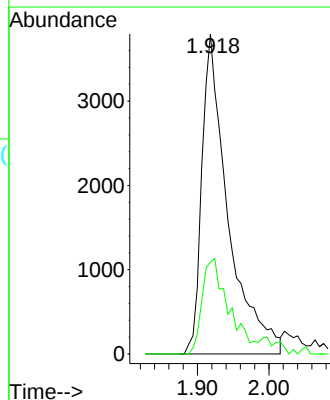
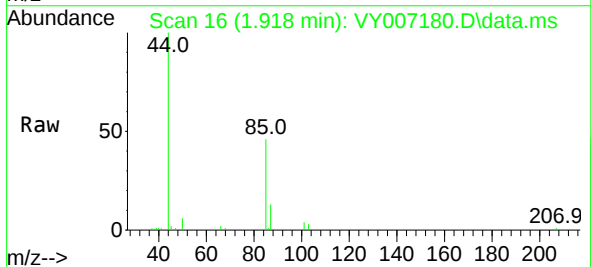
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

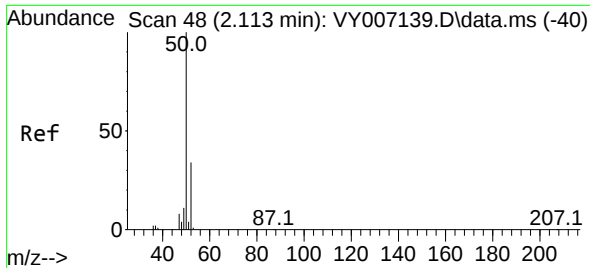
Tgt Ion:168 Resp: 144092  
Ion Ratio Lower Upper  
168 100  
99 63.0 49.1 73.7



#2  
Dichlorodifluoromethane  
Concen: 19.062 ug/l  
RT: 1.918 min Scan# 16  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 85 Resp: 9631  
Ion Ratio Lower Upper  
85 100  
87 28.7 15.2 45.6

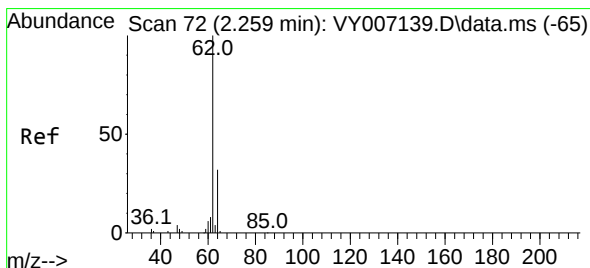
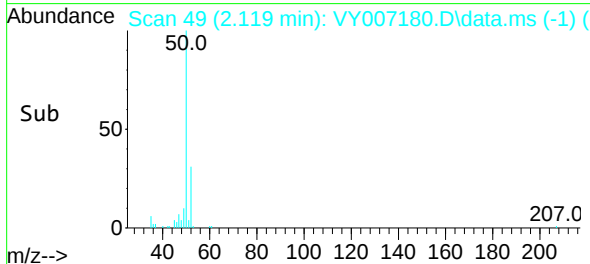
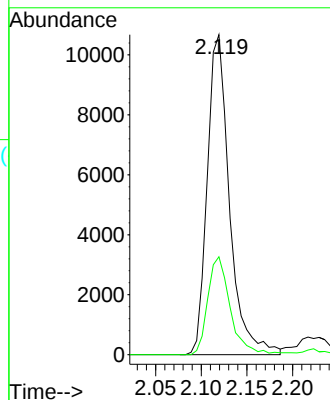
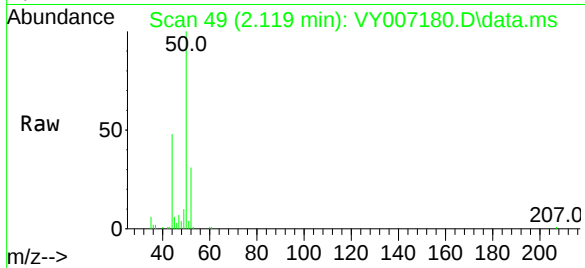




#3  
Chloromethane  
Concen: 17.030 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.007 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

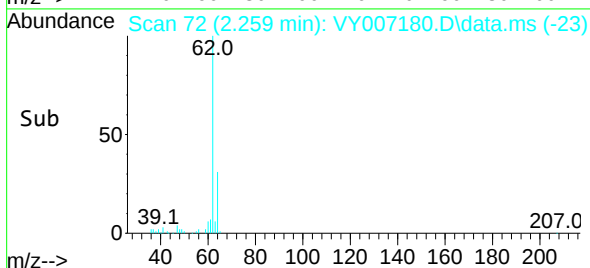
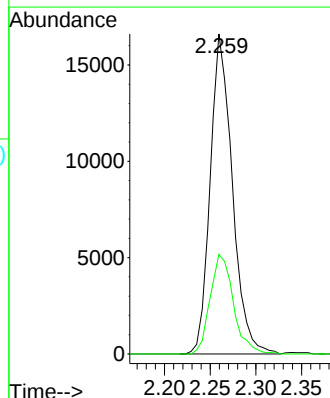
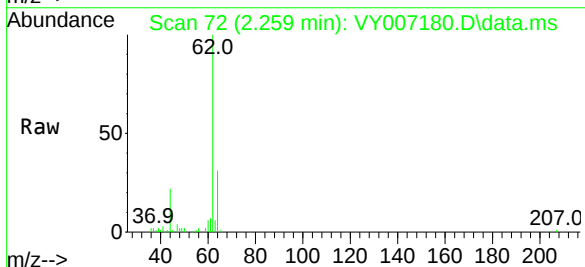
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

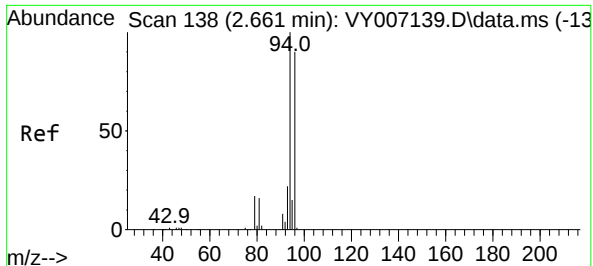
Tgt Ion: 50 Resp: 18044  
Ion Ratio Lower Upper  
50 100  
52 30.6 27.1 40.7



#4  
Vinyl Chloride  
Concen: 18.144 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 62 Resp: 27980  
Ion Ratio Lower Upper  
62 100  
64 31.1 26.1 39.1

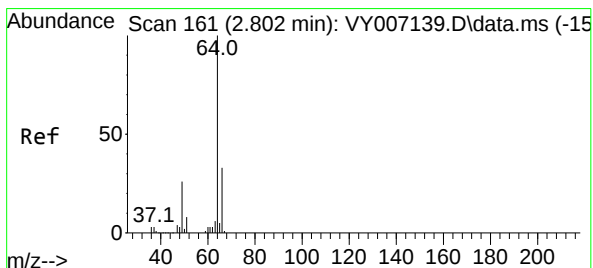
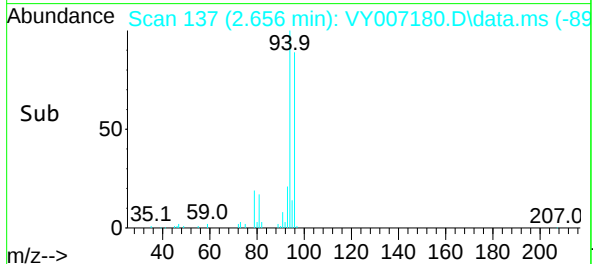
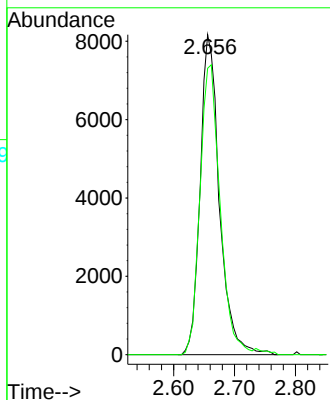
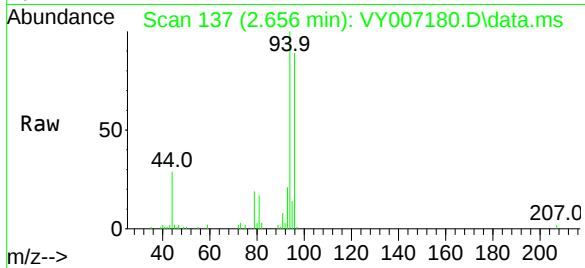




#5  
Bromomethane  
Concen: 18.048 ug/l  
RT: 2.656 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

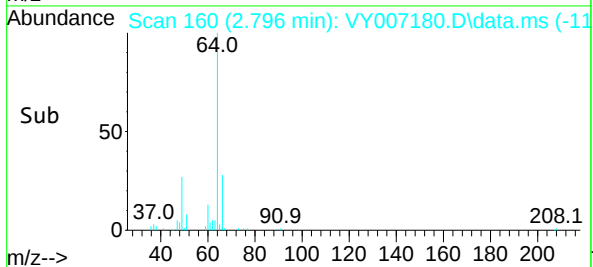
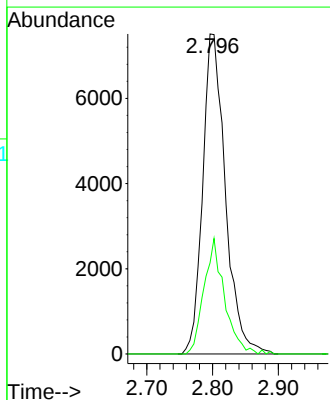
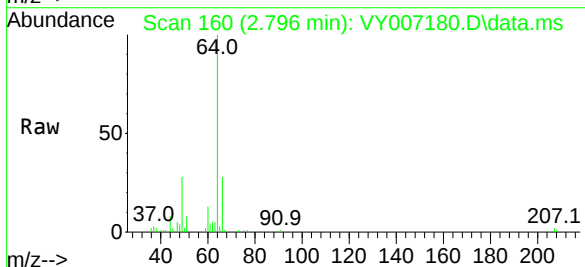
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

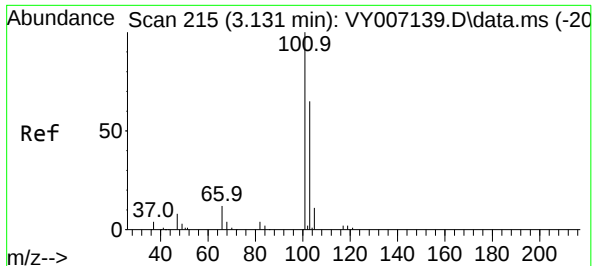
Tgt Ion: 94 Resp: 18022  
Ion Ratio Lower Upper  
94 100  
96 89.5 75.8 113.6



#6  
Chloroethane  
Concen: 18.764 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 64 Resp: 18054  
Ion Ratio Lower Upper  
64 100  
66 28.5 24.8 37.2

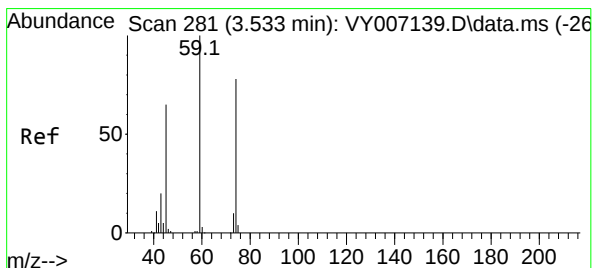
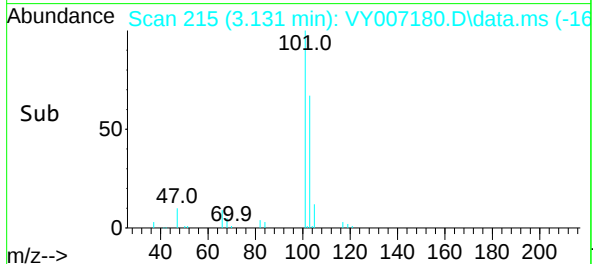
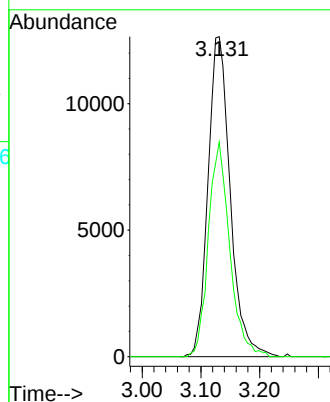
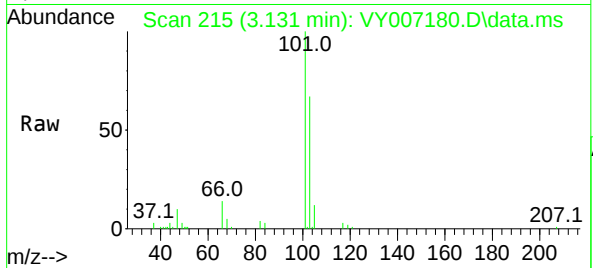




#7  
 Trichlorofluoromethane  
 Concen: 20.022 ug/l  
 RT: 3.131 min Scan# 215  
 Delta R.T. 0.000 min  
 Lab File: VY007180.D  
 Acq: 17 Jan 2022 11:05

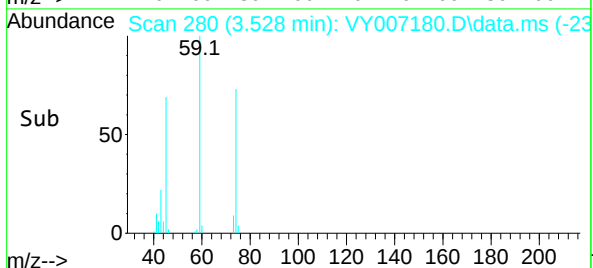
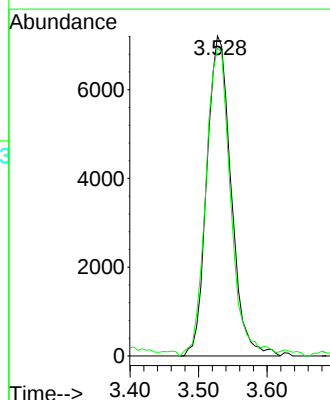
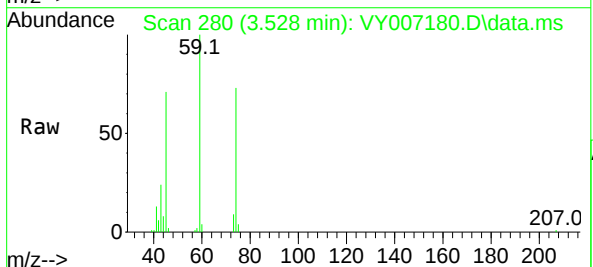
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0117SBS01

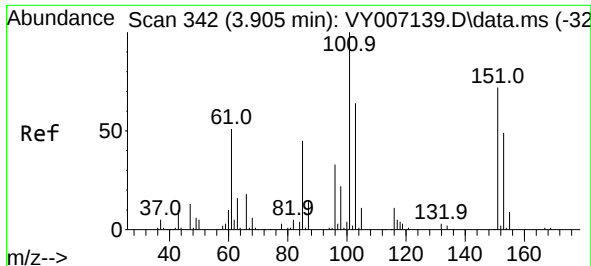
Tgt Ion:101 Resp: 33275  
 Ion Ratio Lower Upper  
 101 100  
 103 67.0 50.6 76.0



#8  
 Diethyl Ether  
 Concen: 19.406 ug/l  
 RT: 3.528 min Scan# 280  
 Delta R.T. -0.006 min  
 Lab File: VY007180.D  
 Acq: 17 Jan 2022 11:05

Tgt Ion: 74 Resp: 17760  
 Ion Ratio Lower Upper  
 74 100  
 45 98.5 46.1 138.3

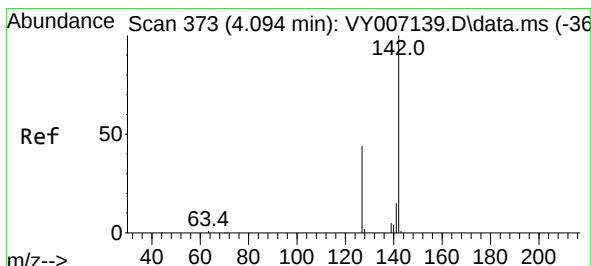
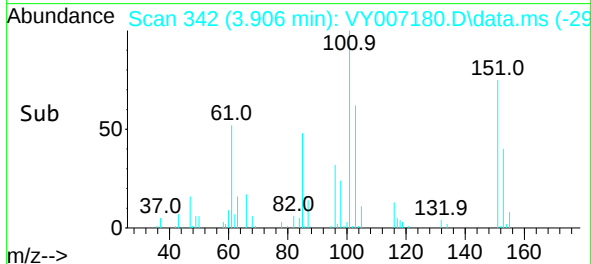
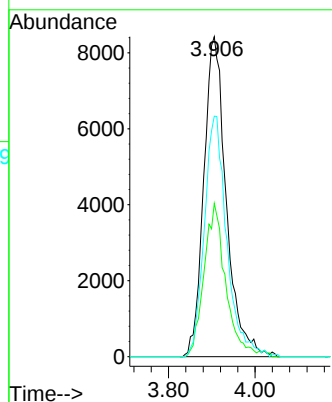
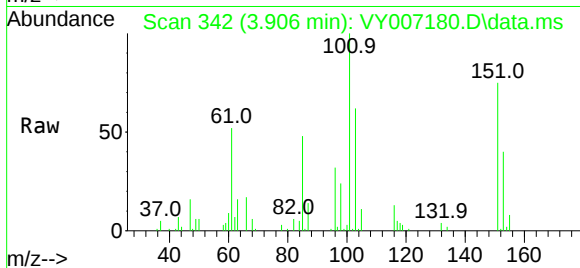




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.775 ug/l  
RT: 3.906 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

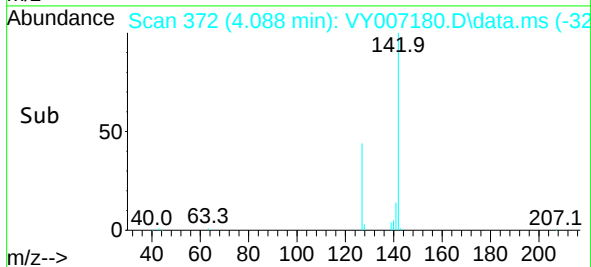
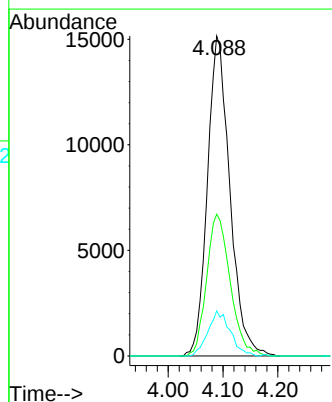
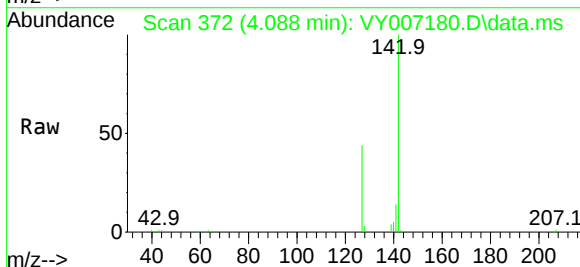
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

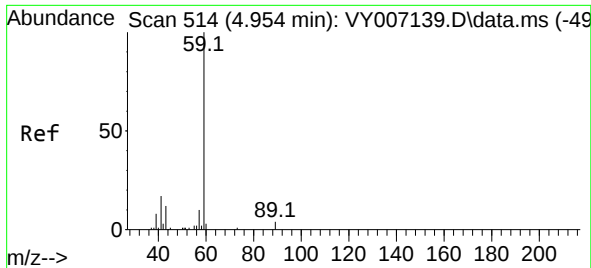
Tgt Ion:101 Resp: 30401  
Ion Ratio Lower Upper  
101 100  
85 45.7 35.4 53.0  
151 74.9 60.4 90.6



#10  
Methyl Iodide  
Concen: 17.971 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. -0.006 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion:142 Resp: 43039  
Ion Ratio Lower Upper  
142 100  
127 46.5 36.2 54.4  
141 14.0 11.5 17.3

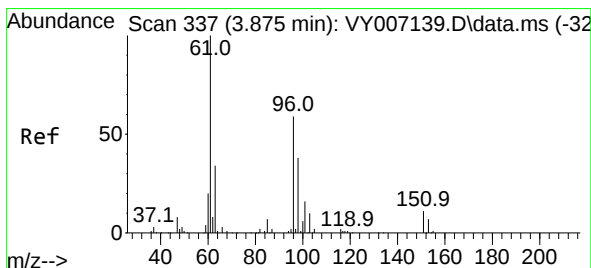
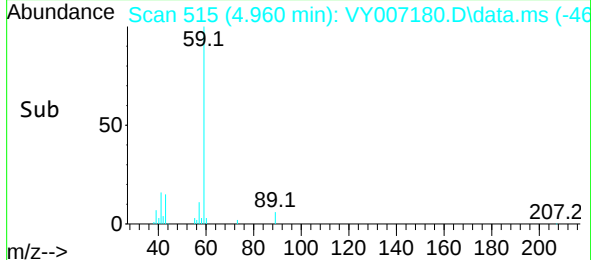
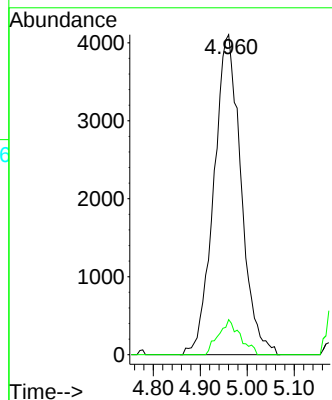
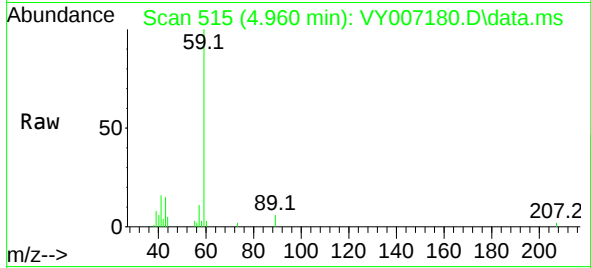




#11  
Tert butyl alcohol  
Concen: 106.718 ug/l  
RT: 4.960 min Scan# 514  
Delta R.T. 0.006 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

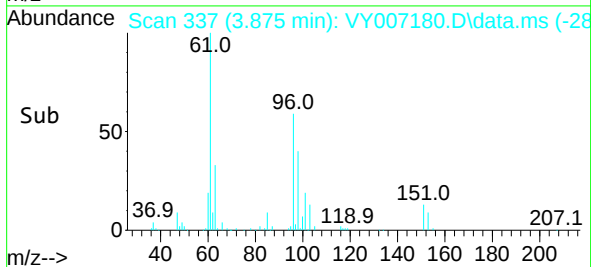
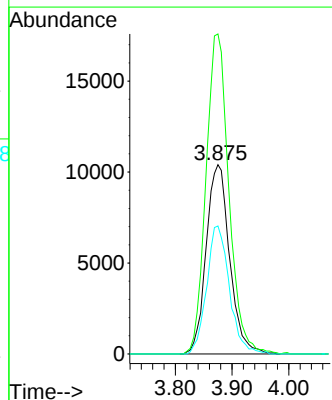
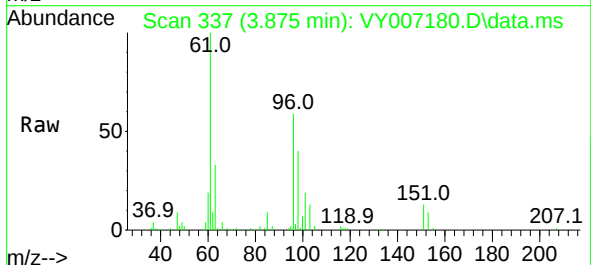
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

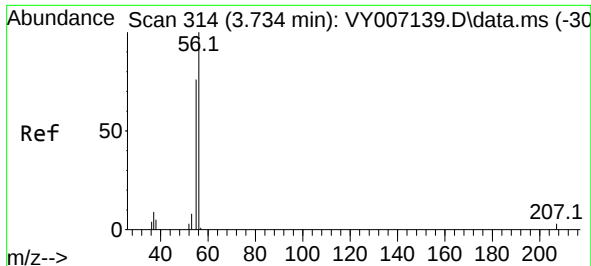
Tgt Ion: 59 Resp: 16504  
Ion Ratio Lower Upper  
59 100  
57 8.7 8.1 12.1



#12  
1,1-Dichloroethene  
Concen: 18.361 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

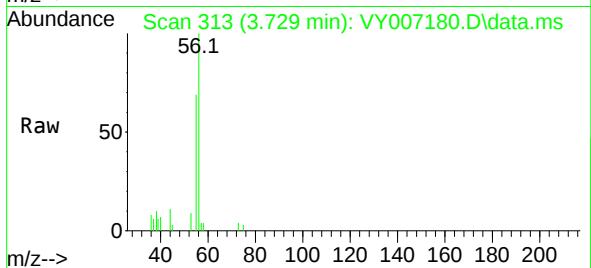
Tgt Ion: 96 Resp: 29938  
Ion Ratio Lower Upper  
96 100  
61 169.0 131.9 197.9  
98 67.6 52.7 79.1



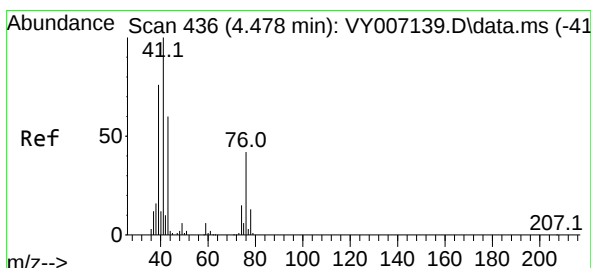
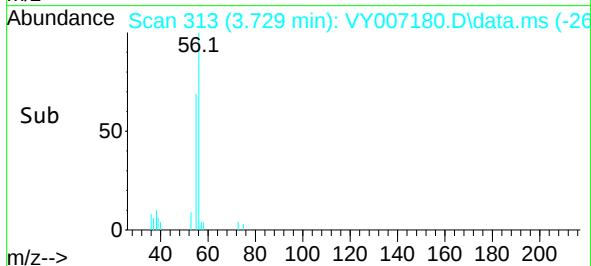
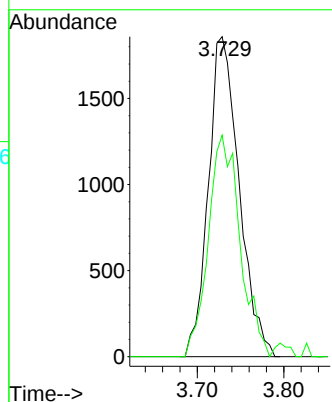


#13  
Acrolein  
Concen: 117.999 ug/l  
RT: 3.729 min Scan# 314  
Delta R.T. -0.005 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

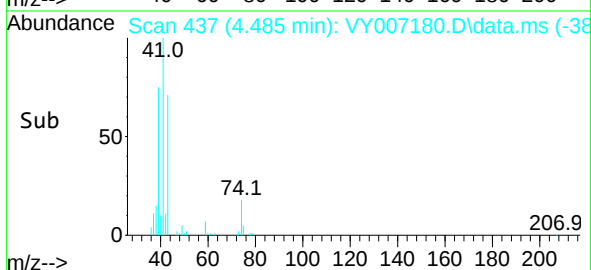
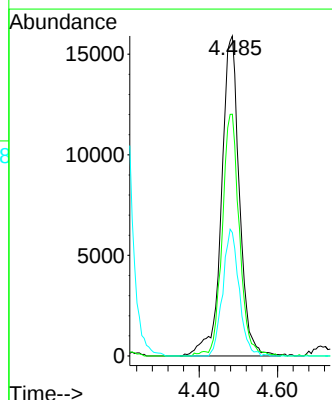
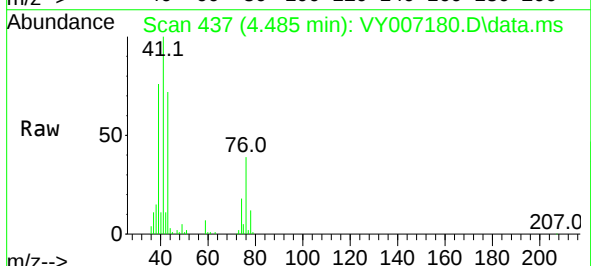


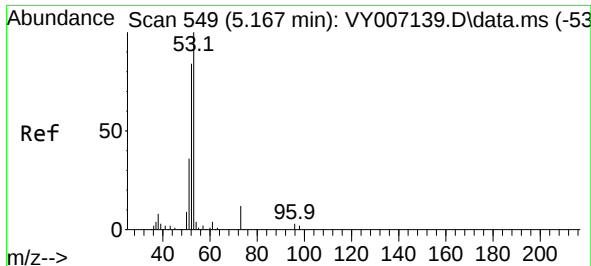
Tgt Ion: 56 Resp: 4585  
Ion Ratio Lower Upper  
56 100  
55 71.4 55.7 83.5



#14  
Allyl chloride  
Concen: 19.420 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.007 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 41 Resp: 50770  
Ion Ratio Lower Upper  
41 100  
39 72.2 56.1 84.1  
76 36.1 31.4 47.2

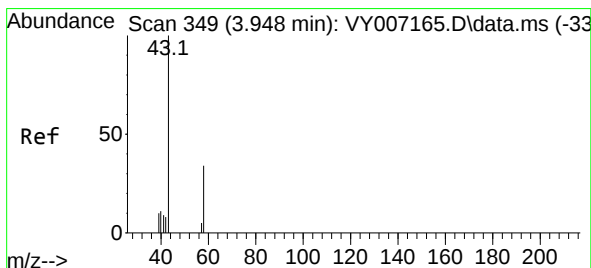
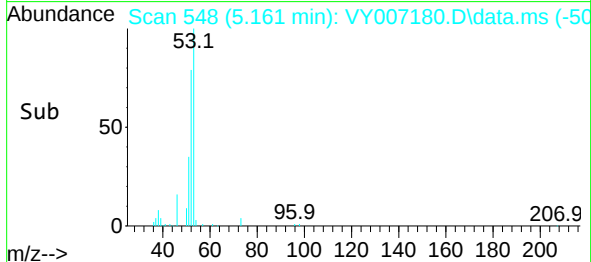
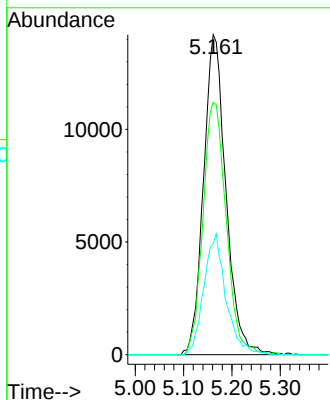
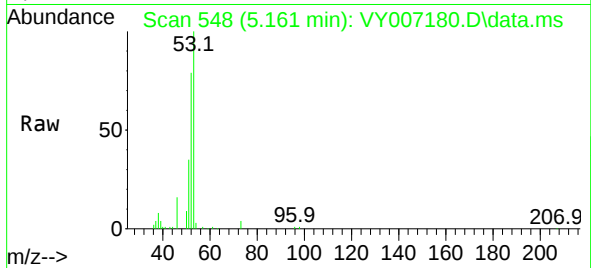




#15  
Acrylonitrile  
Concen: 104.115 ug/l  
RT: 5.161 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

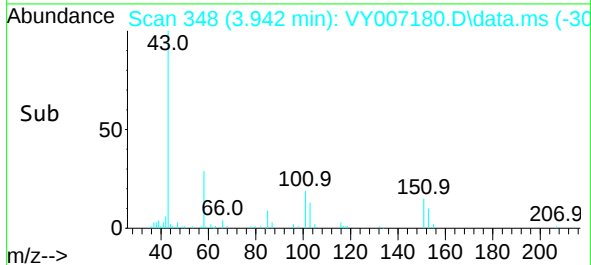
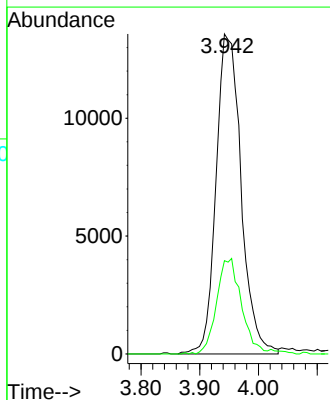
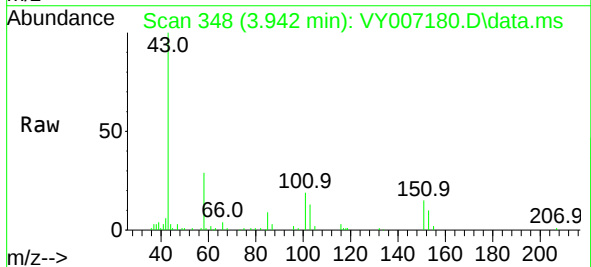
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

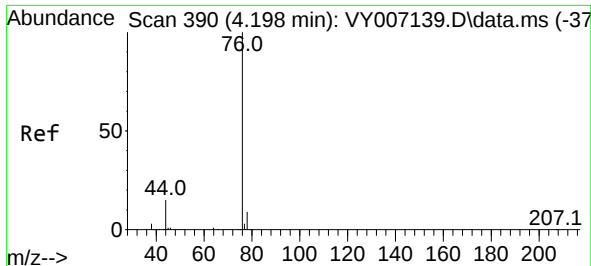
Tgt Ion: 53 Resp: 45793  
Ion Ratio Lower Upper  
53 100  
52 81.5 65.4 98.2  
51 37.4 29.4 44.2



#16  
Acetone  
Concen: 87.624 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. -0.006 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 43 Resp: 40206  
Ion Ratio Lower Upper  
43 100  
58 29.2 23.8 35.6

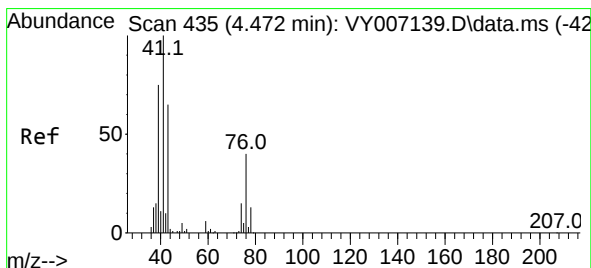
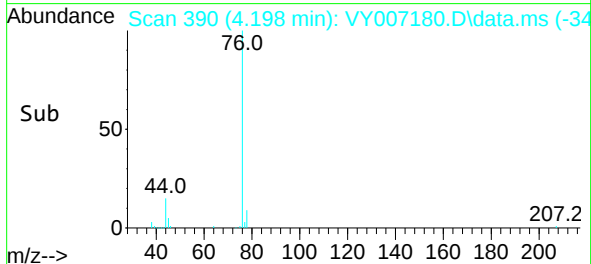
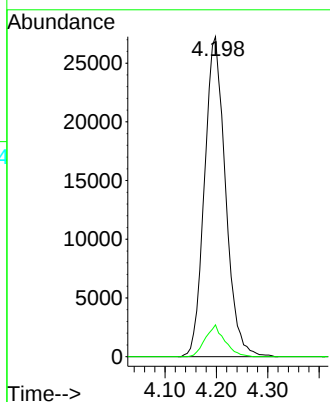
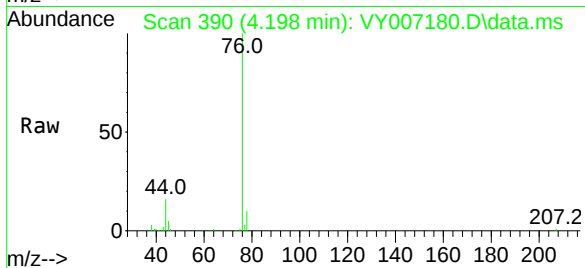




#17  
Carbon Disulfide  
Concen: 17.062 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

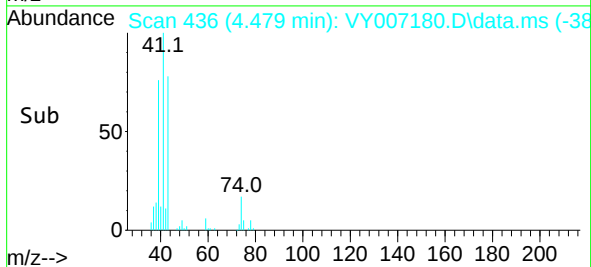
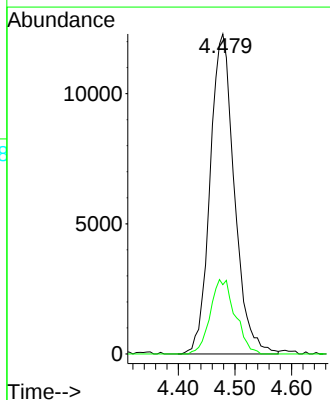
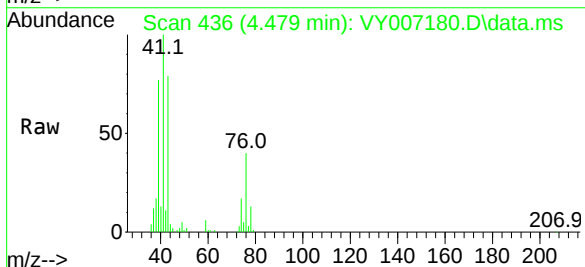
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

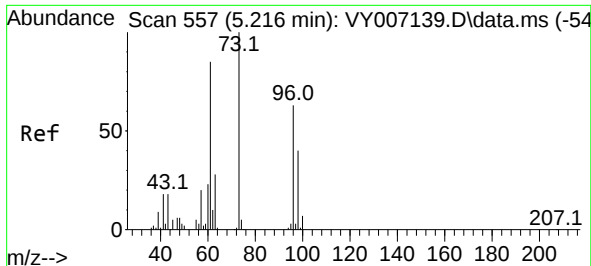
Tgt Ion: 76 Resp: 77256  
Ion Ratio Lower Upper  
76 100  
78 9.9 7.2 10.8



#18  
Methyl Acetate  
Concen: 22.413 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. 0.007 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 43 Resp: 36593  
Ion Ratio Lower Upper  
43 100  
74 23.9 20.9 31.3





#19

Methyl tert-butyl Ether

Concen: 20.127 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.007 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

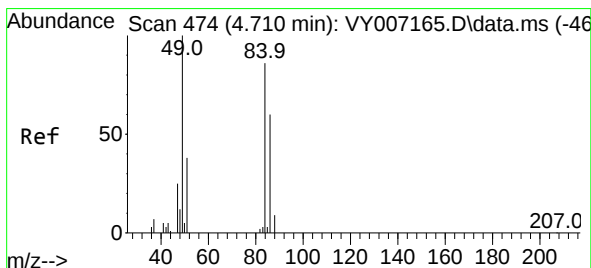
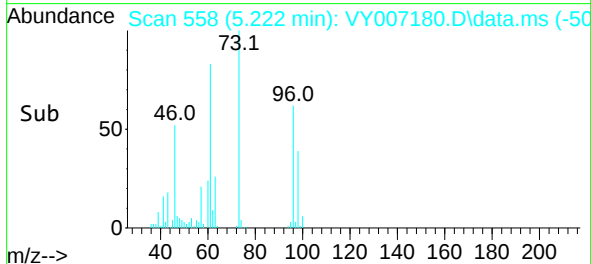
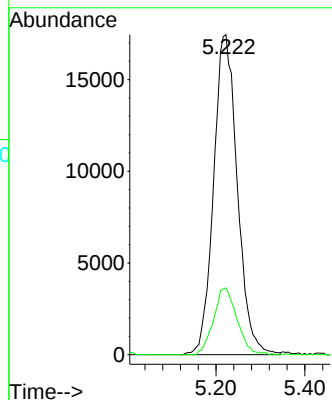
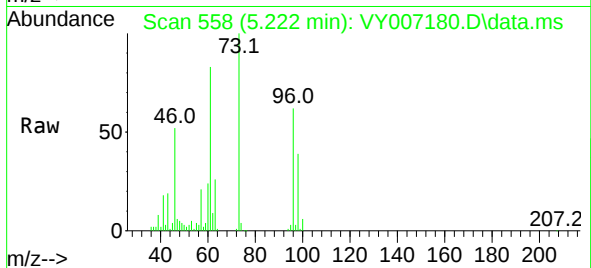
VY0117SBS01

Tgt Ion: 73 Resp: 64608

Ion Ratio Lower Upper

73 100

57 20.9 17.4 26.2



#20

Methylene Chloride

Concen: 18.594 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Tgt Ion: 84 Resp: 35279

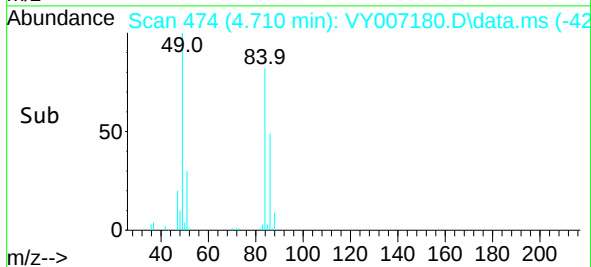
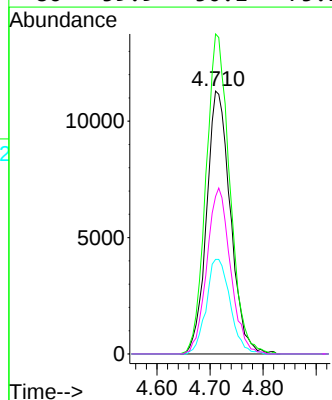
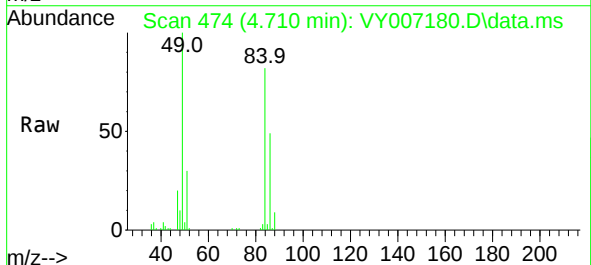
Ion Ratio Lower Upper

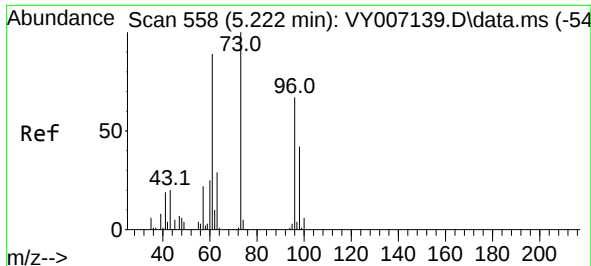
84 100

49 121.7 92.6 139.0

51 36.0 28.6 42.8

86 59.9 50.1 75.1

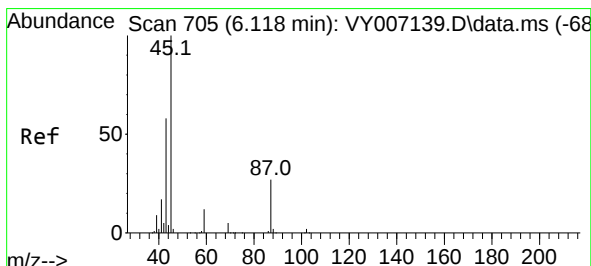
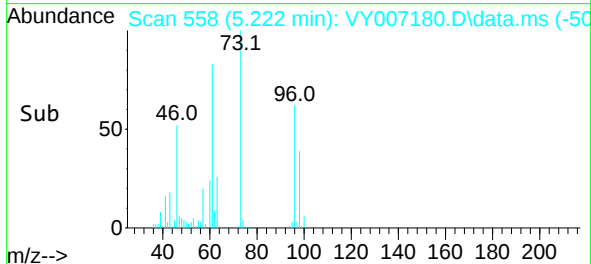
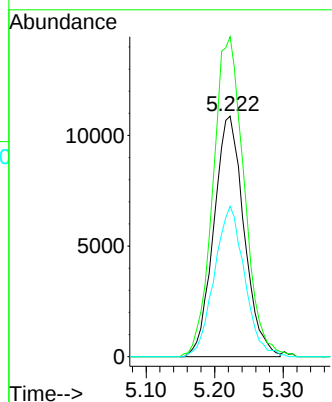
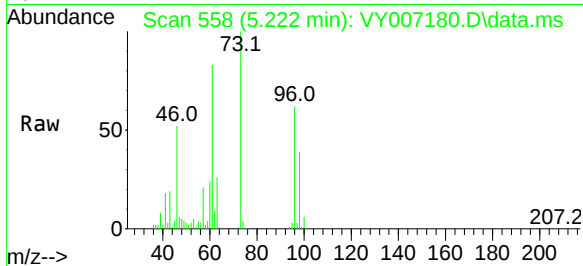




#21  
trans-1,2-Dichloroethene  
Concen: 18.833 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

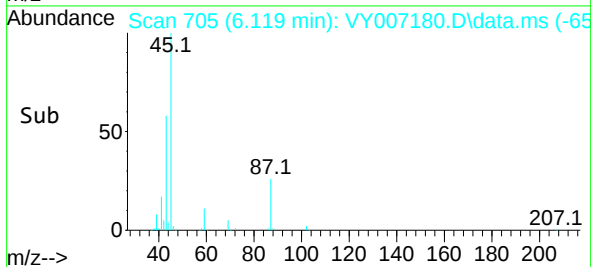
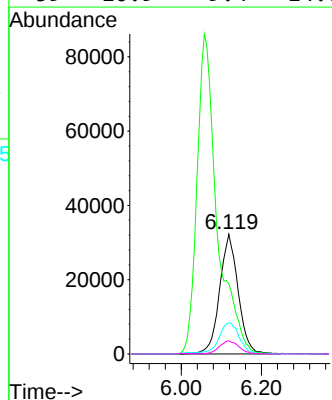
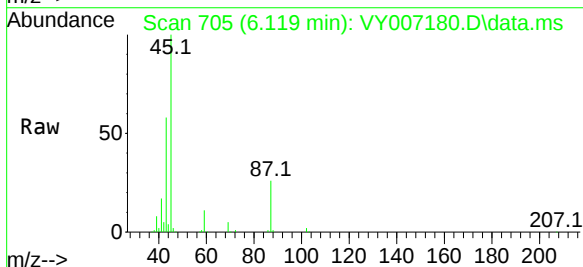
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

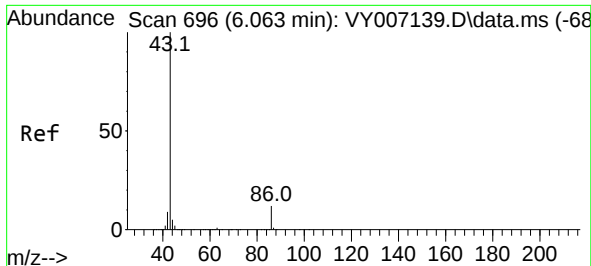
Tgt Ion: 96 Resp: 33290  
Ion Ratio Lower Upper  
96 100  
61 133.1 107.3 160.9  
98 62.5 52.4 78.6



#22  
Diisopropyl ether  
Concen: 19.560 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 45 Resp: 103598  
Ion Ratio Lower Upper  
45 100  
43 58.0 45.6 68.4  
87 26.0 22.2 33.2  
59 10.9 9.4 14.0

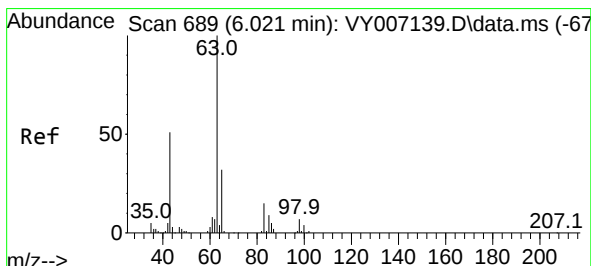
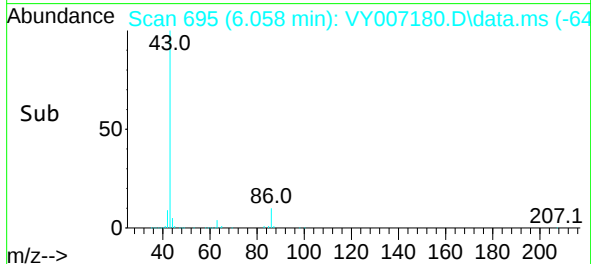
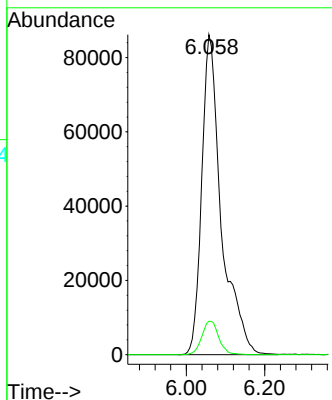
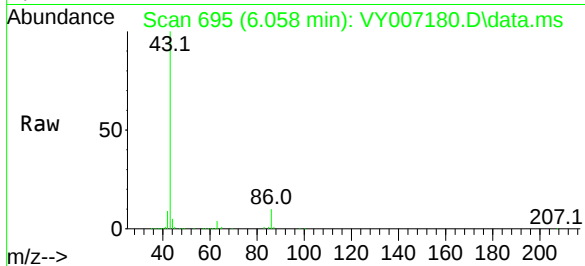




#23  
 Vinyl Acetate  
 Concen: 96.005 ug/l  
 RT: 6.058 min Scan# 696  
 Delta R.T. -0.006 min  
 Lab File: VY007180.D  
 Acq: 17 Jan 2022 11:05

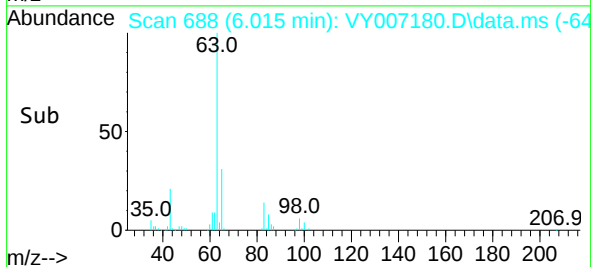
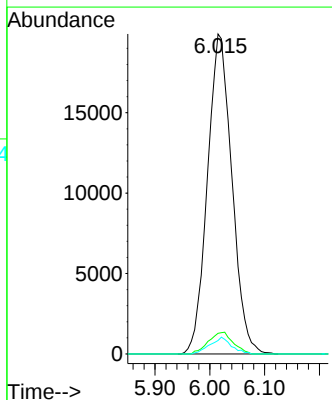
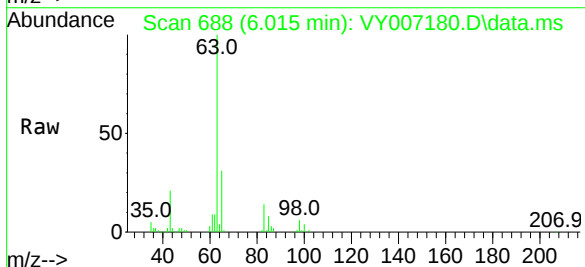
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0117SBS01

Tgt Ion: 43 Resp: 299032  
 Ion Ratio Lower Upper  
 43 100  
 86 10.4 9.0 13.6



#24  
 1,1-Dichloroethane  
 Concen: 19.134 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.006 min  
 Lab File: VY007180.D  
 Acq: 17 Jan 2022 11:05

Tgt Ion: 63 Resp: 61647  
 Ion Ratio Lower Upper  
 63 100  
 98 6.4 3.5 10.6  
 100 4.2 2.1 6.2

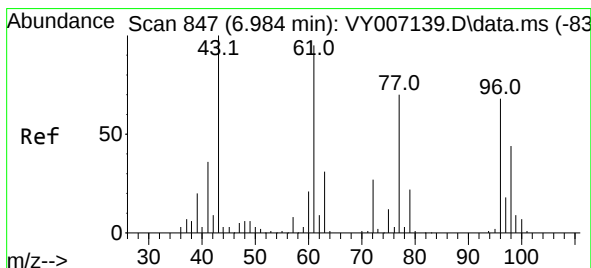
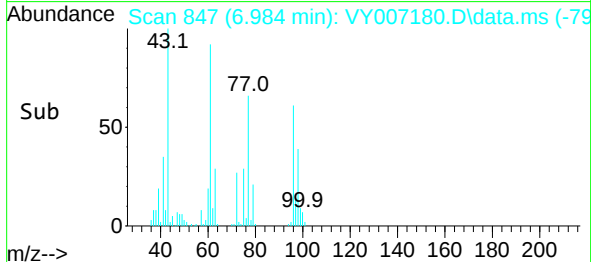
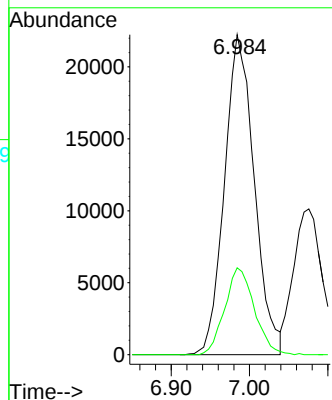
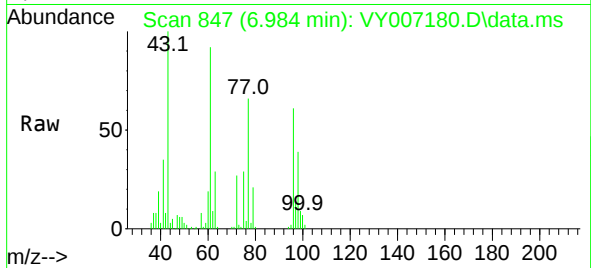




#25  
2-Butanone  
Concen: 99.178 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

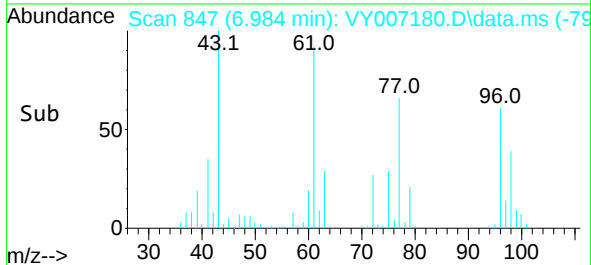
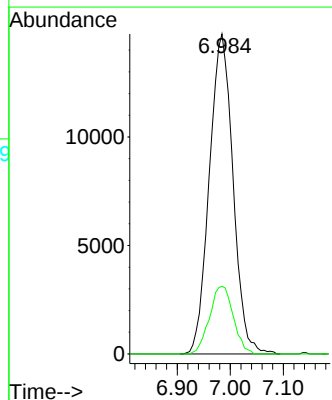
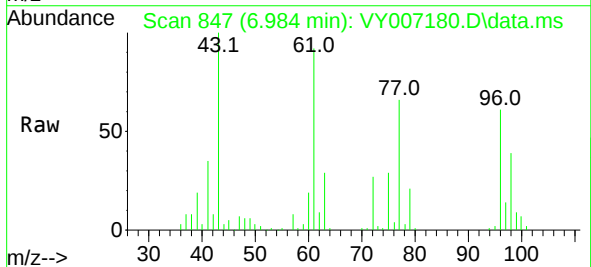
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

Tgt Ion: 43 Resp: 58837  
Ion Ratio Lower Upper  
43 100  
72 27.2 21.9 32.9



#26  
2,2-Dichloropropane  
Concen: 19.475 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 77 Resp: 45729  
Ion Ratio Lower Upper  
77 100  
97 21.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 18.840 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.007 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VY0117SBS01

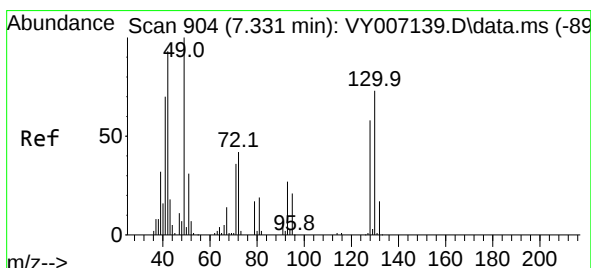
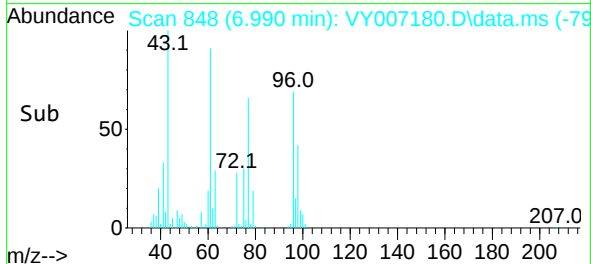
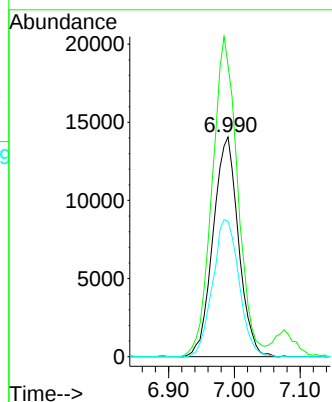
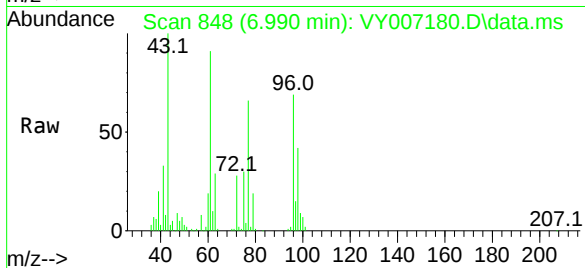
Tgt Ion: 96 Resp: 37778

Ion Ratio Lower Upper

96 100

61 145.8 0.0 276.8

98 64.8 0.0 127.8



#28

Bromochloromethane

Concen: 17.431 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.007 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

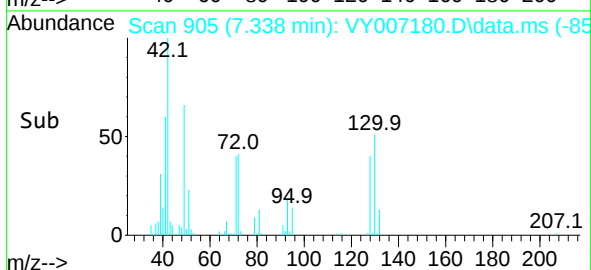
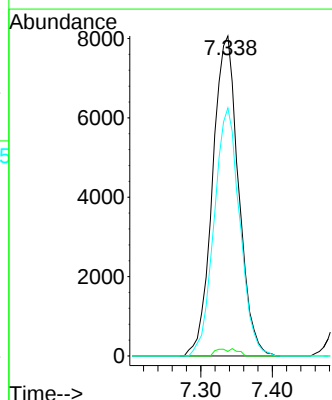
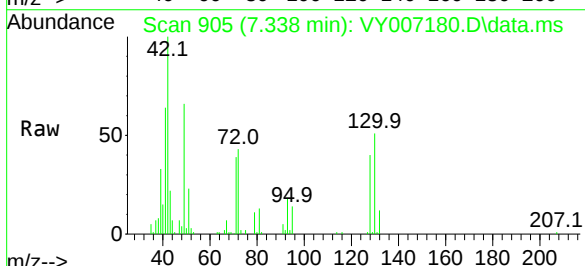
Tgt Ion: 49 Resp: 20314

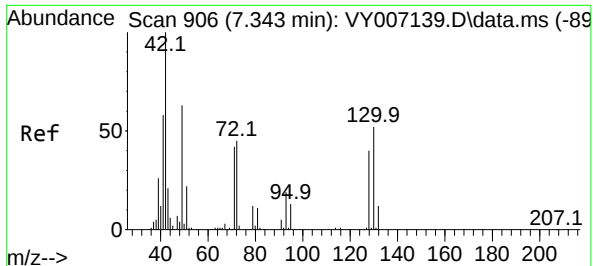
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.6

130 76.6 65.0 97.4





#29

Tetrahydrofuran

Concen: 102.693 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VY0117SBS01

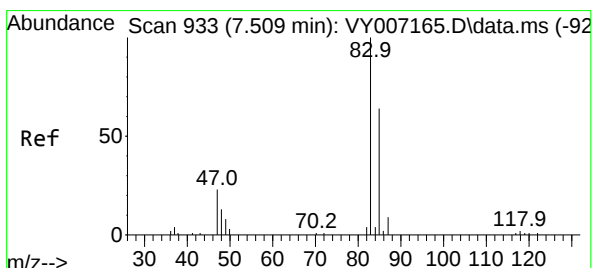
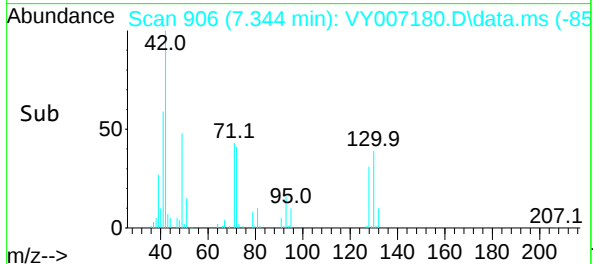
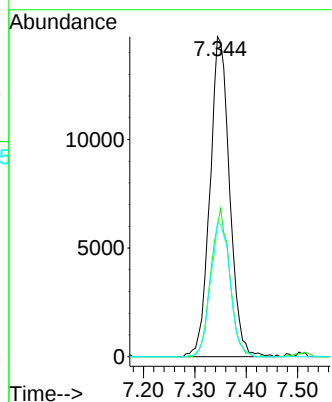
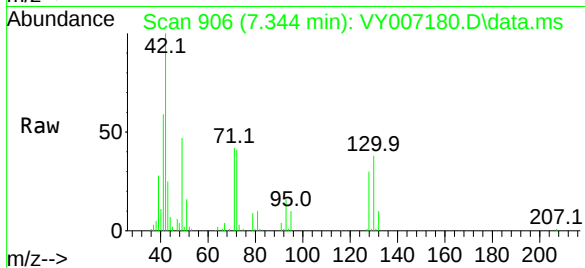
Tgt Ion: 42 Resp: 39162

Ion Ratio Lower Upper

42 100

72 43.9 36.6 54.8

71 42.1 34.1 51.1



#30

Chloroform

Concen: 19.646 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY007180.D

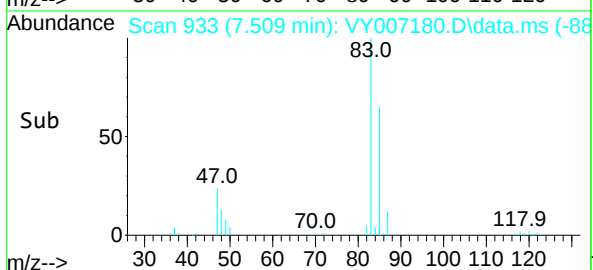
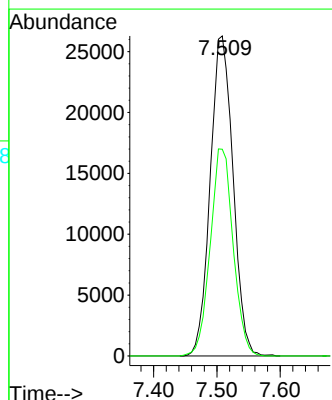
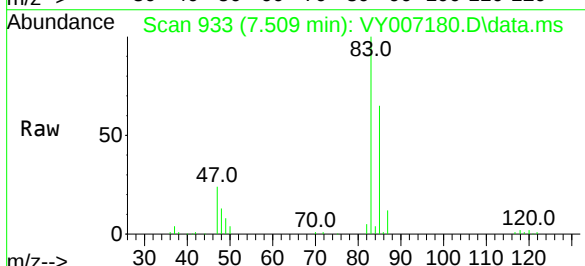
Acq: 17 Jan 2022 11:05

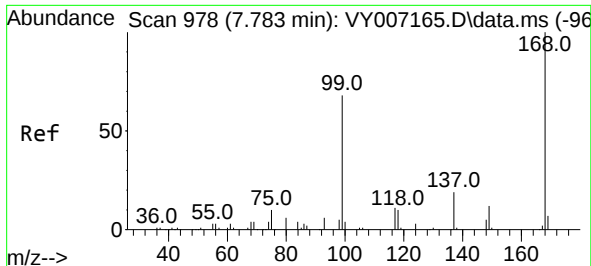
Tgt Ion: 83 Resp: 65767

Ion Ratio Lower Upper

83 100

85 64.6 50.9 76.3

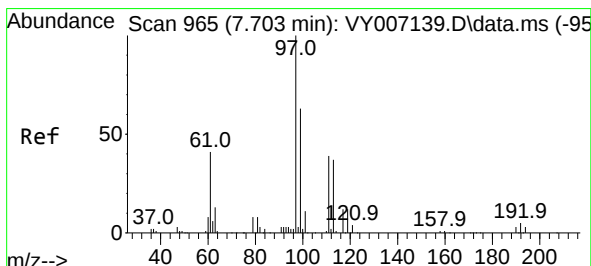
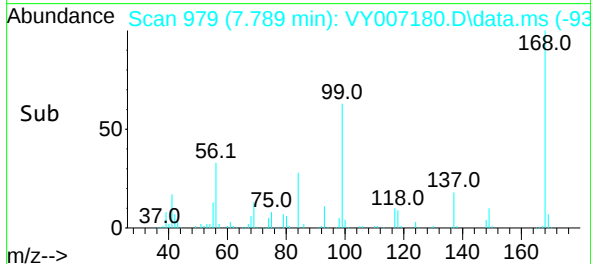
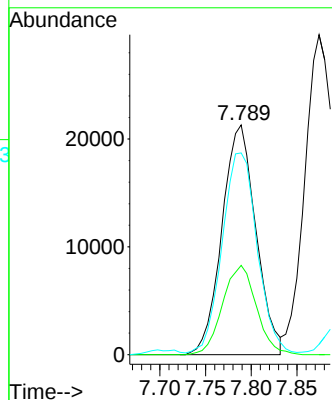
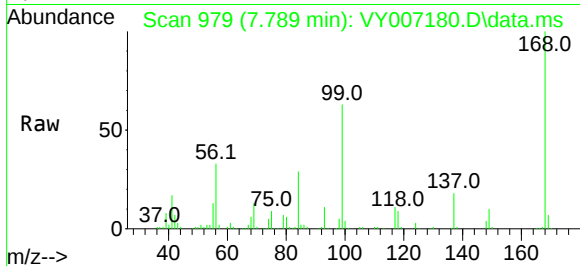




#31  
Cyclohexane  
Concen: 18.446 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

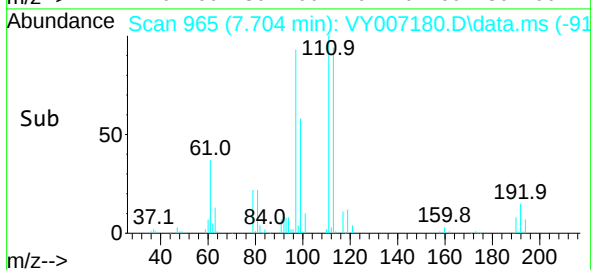
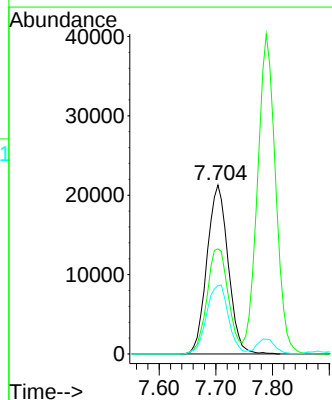
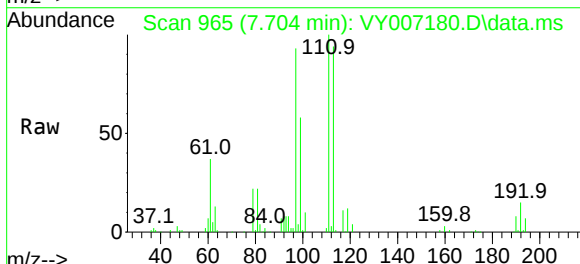
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

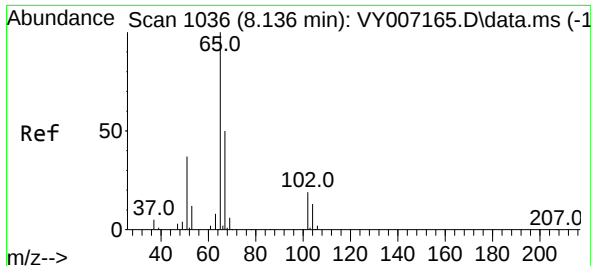
Tgt Ion: 56 Resp: 55135  
Ion Ratio Lower Upper  
56 100  
69 38.9 27.2 40.8  
84 86.8 72.1 108.1



#32  
1,1,1-Trichloroethane  
Concen: 19.293 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 97 Resp: 55202  
Ion Ratio Lower Upper  
97 100  
99 63.5 51.1 76.7  
61 42.2 32.2 48.2

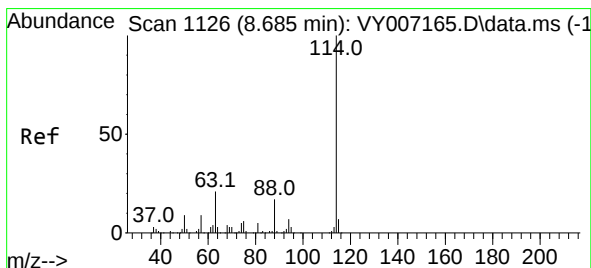
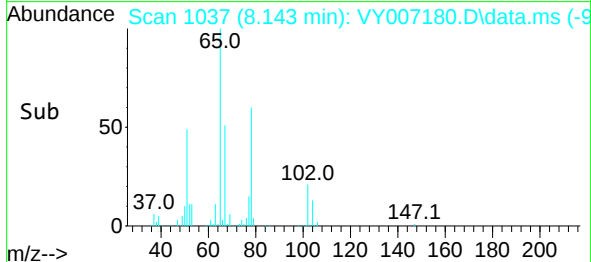
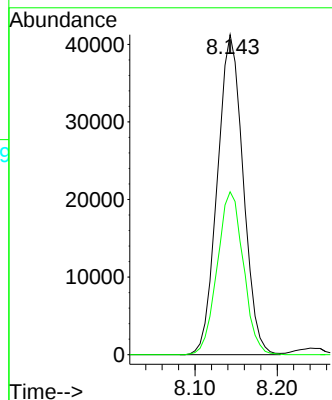
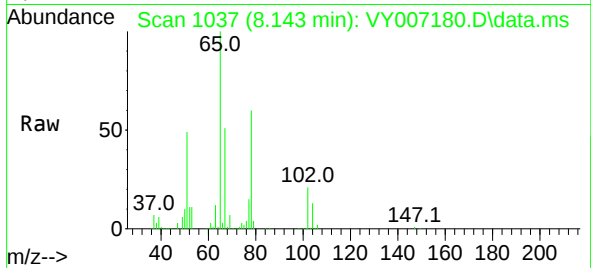




#33  
1,2-Dichloroethane-d4  
Concen: 50.857 ug/l  
RT: 8.143 min Scan# 110  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

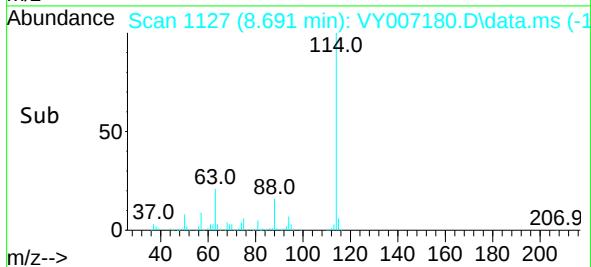
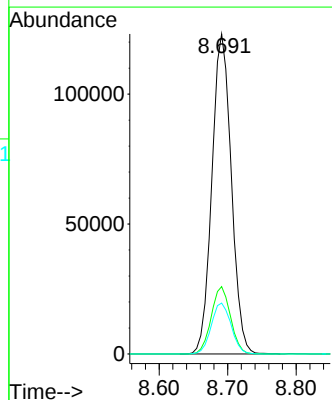
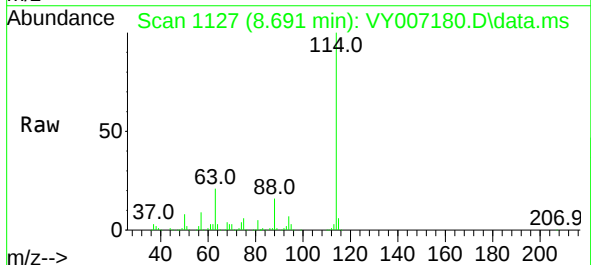
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

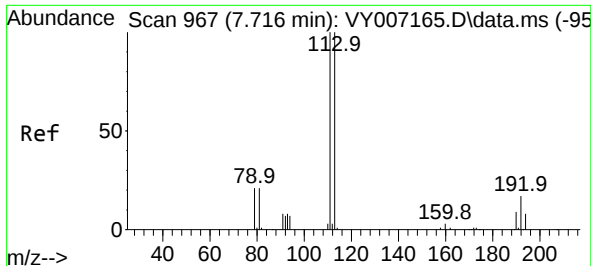
Tgt Ion: 65 Resp: 89916  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 105.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 114 Resp: 241763  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 39.2  
88 15.9 0.0 31.0

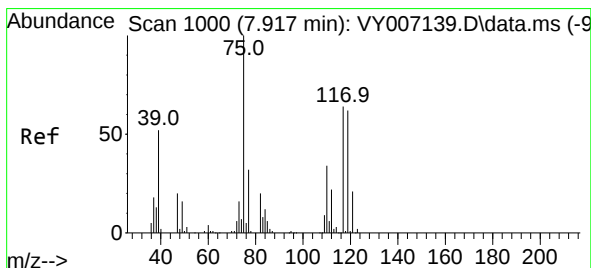
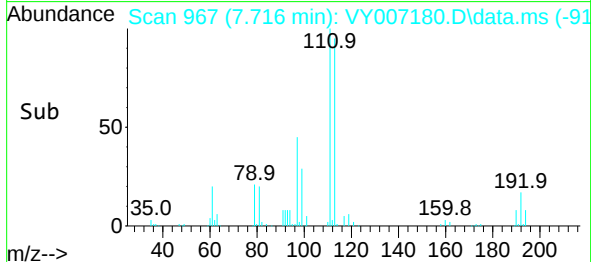
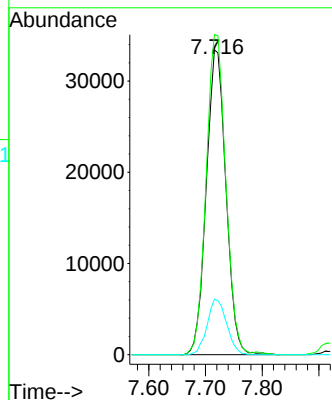
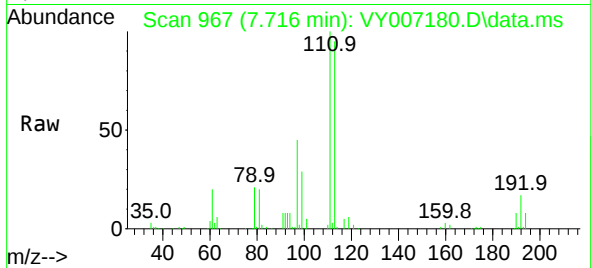




#35  
Dibromofluoromethane  
Concen: 49.304 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

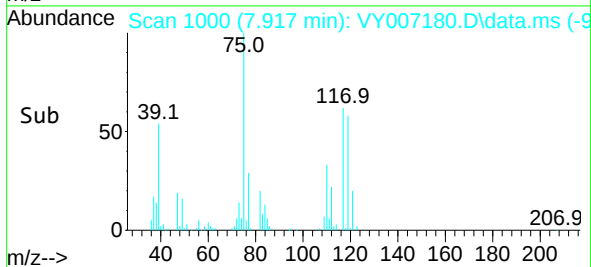
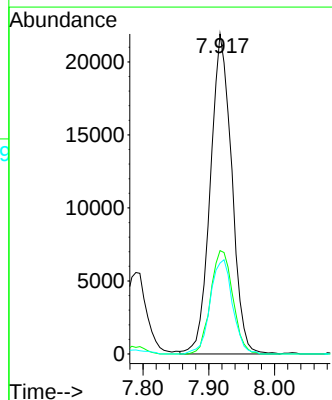
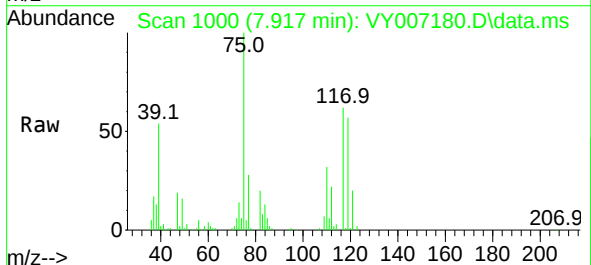
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

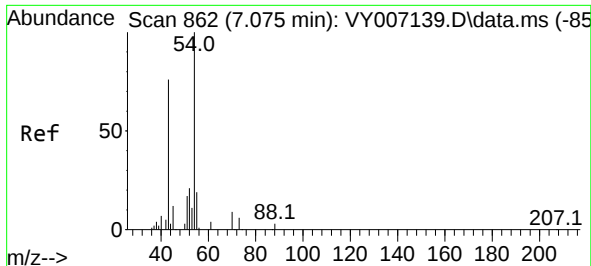
Tgt Ion:113 Resp: 80601  
Ion Ratio Lower Upper  
113 100  
111 104.9 82.2 123.4  
192 18.0 14.2 21.4



#36  
1,1-Dichloropropene  
Concen: 18.989 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 75 Resp: 49579  
Ion Ratio Lower Upper  
75 100  
110 33.6 17.3 51.9  
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 20.154 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.000 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VY0117SBS01

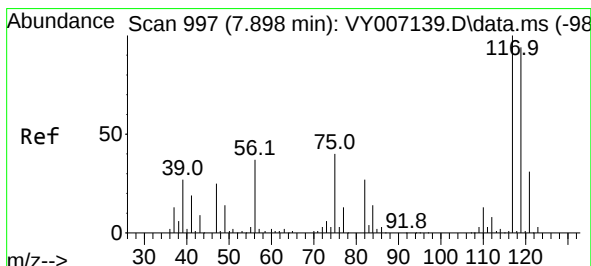
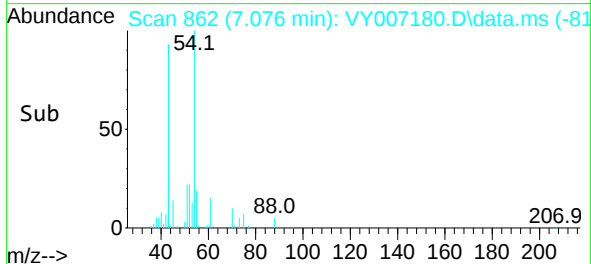
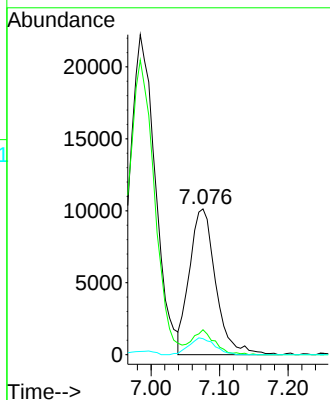
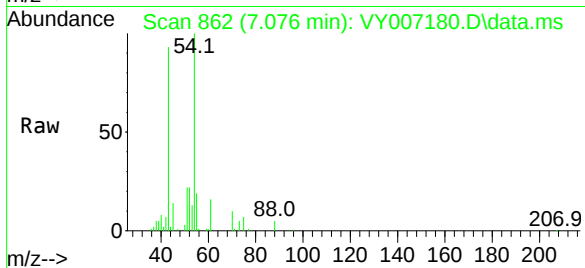
Tgt Ion: 43 Resp: 27005

Ion Ratio Lower Upper

43 100

61 14.9 11.8 17.8

70 11.1 9.0 13.4



#38

Carbon Tetrachloride

Concen: 19.044 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

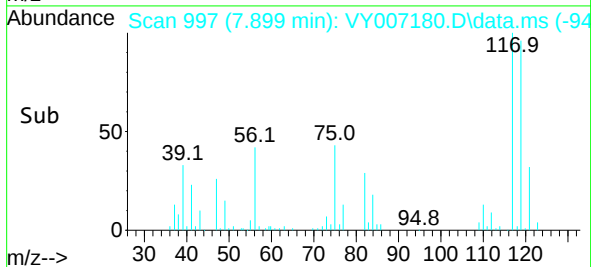
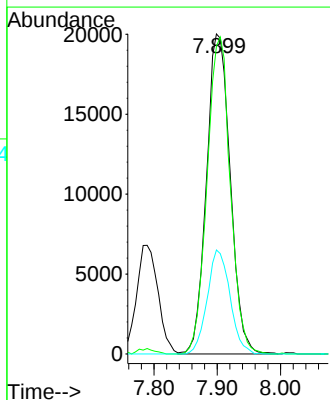
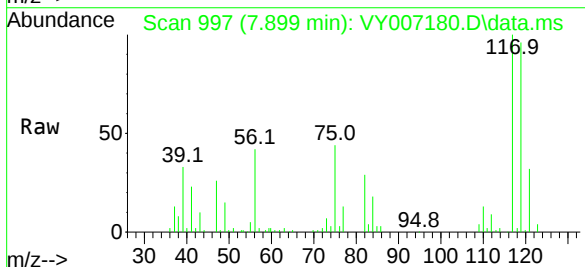
Tgt Ion: 117 Resp: 52300

Ion Ratio Lower Upper

117 100

119 96.2 77.2 115.8

121 32.5 24.2 36.2

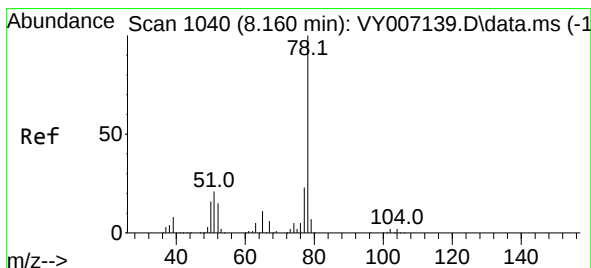
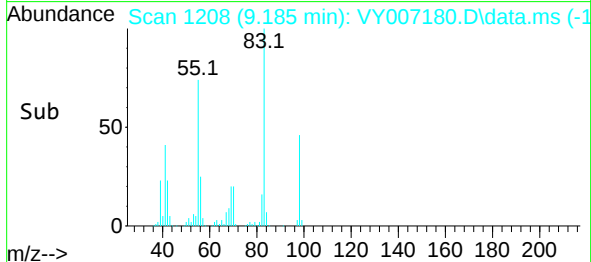
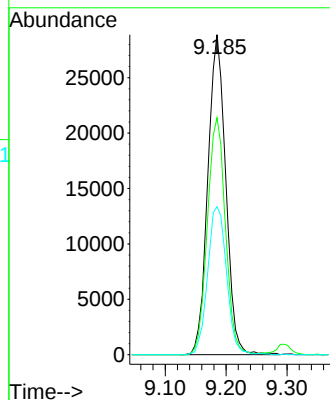
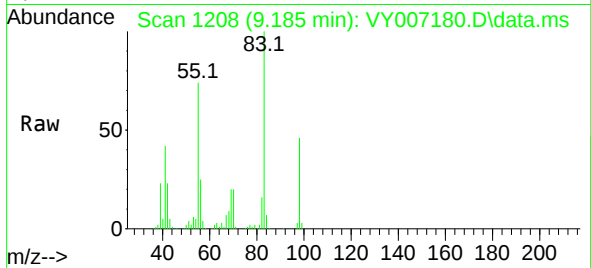




#39  
Methylcyclohexane  
Concen: 18.496 ug/l  
RT: 9.185 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

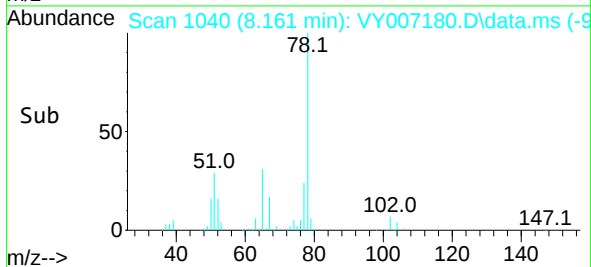
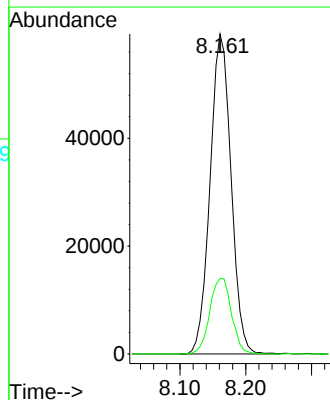
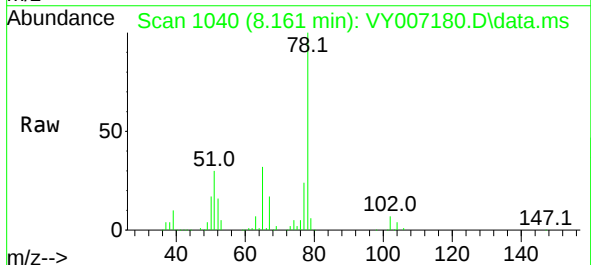
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

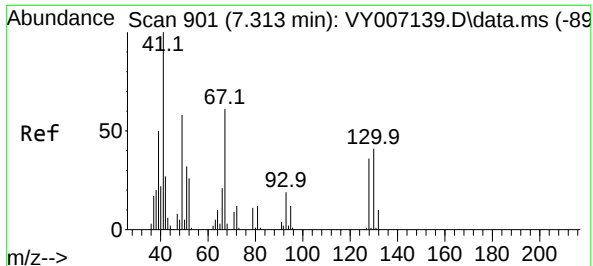
Tgt Ion: 83 Resp: 58961  
Ion Ratio Lower Upper  
83 100  
55 74.1 58.8 88.2  
98 46.2 38.7 58.1



#40  
Benzene  
Concen: 18.913 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 78 Resp: 131719  
Ion Ratio Lower Upper  
78 100  
77 23.6 18.6 27.8

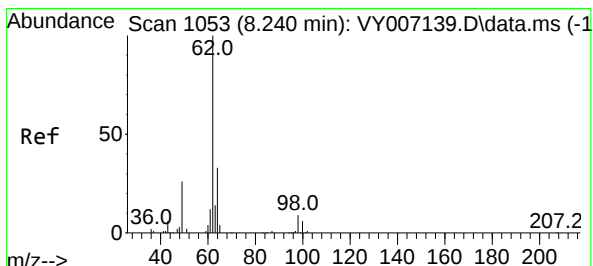
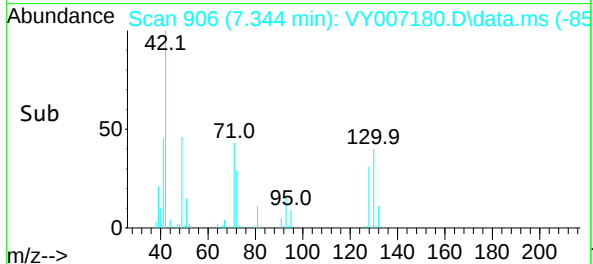
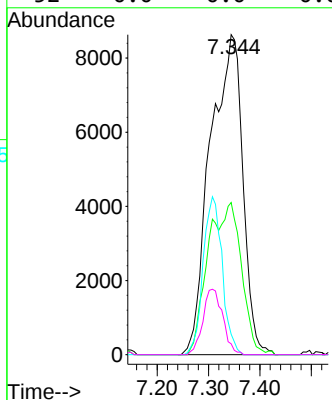
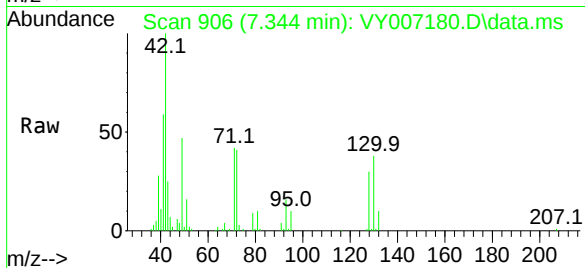




#41  
Methacrylonitrile  
Concen: 49.034 ug/l  
RT: 7.344 min Scan# 901  
Delta R.T. 0.031 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

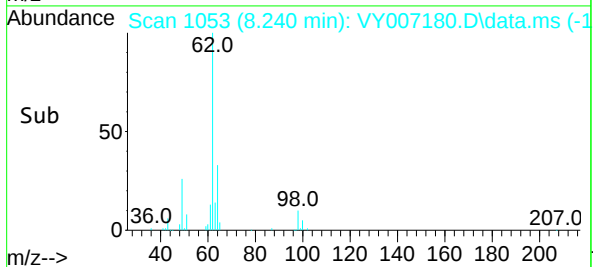
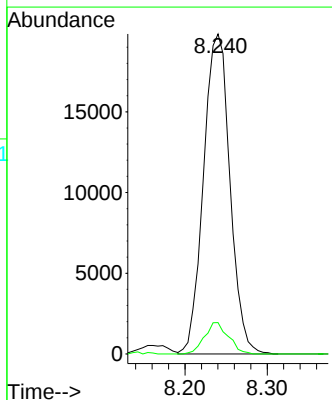
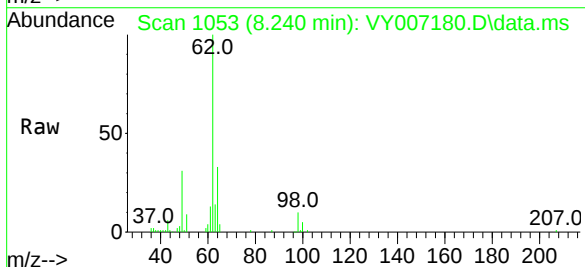
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 37835 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 0.0      | 0.0 0.0     |
| 67 0.0      | 0.0 0.0     |
| 52 0.0      | 0.0 0.0     |



#42  
1,2-Dichloroethane  
Concen: 20.217 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 44338 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 8.9      | 0.0 19.2    |

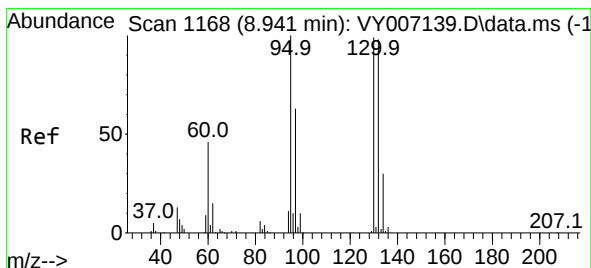
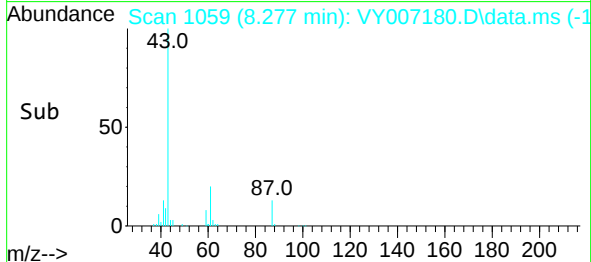
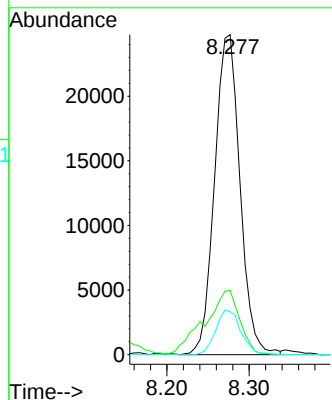
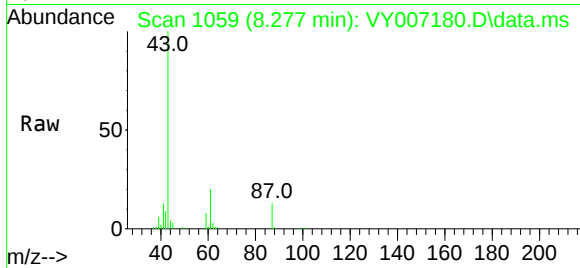




#43  
Isopropyl Acetate  
Concen: 20.341 ug/l  
RT: 8.277 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

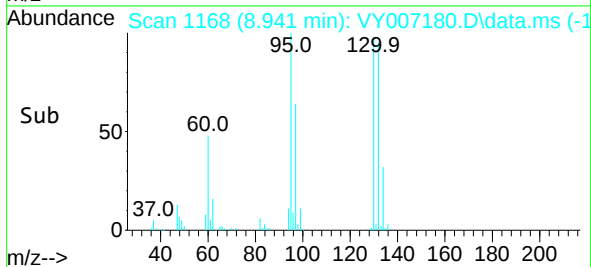
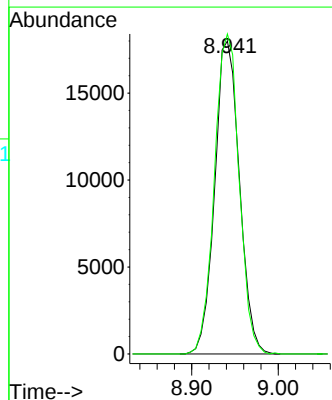
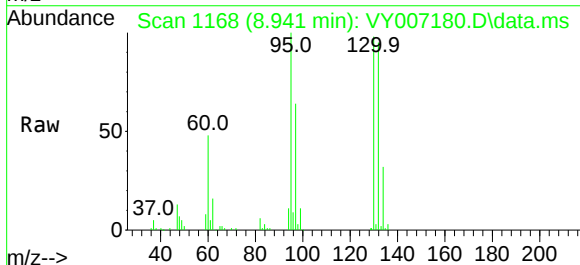
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

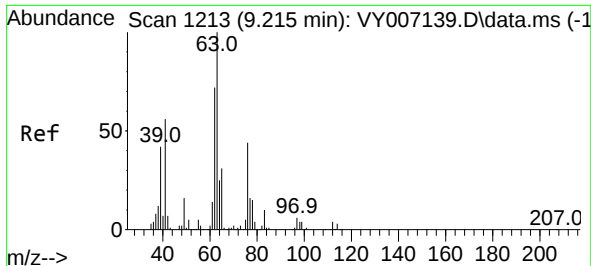
Tgt Ion: 43 Resp: 53032  
Ion Ratio Lower Upper  
43 100  
61 28.0 23.8 35.8  
87 13.8 11.6 17.4



#44  
Trichloroethene  
Concen: 18.945 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion:130 Resp: 35705  
Ion Ratio Lower Upper  
130 100  
95 102.3 0.0 196.6

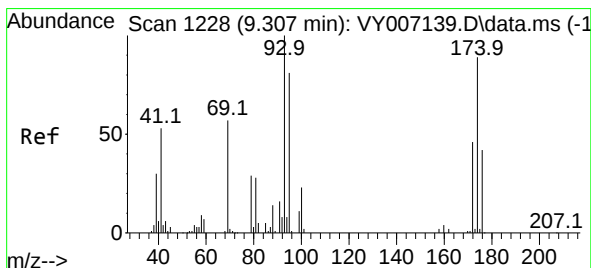
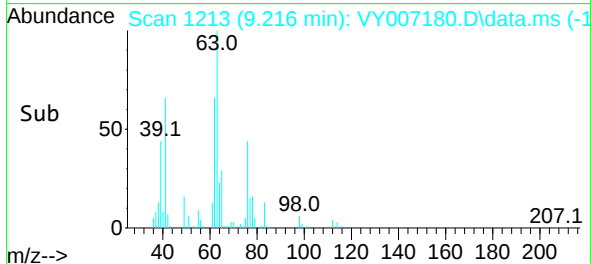
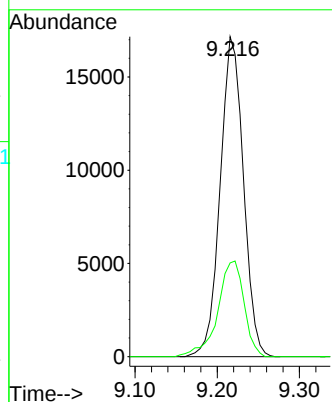
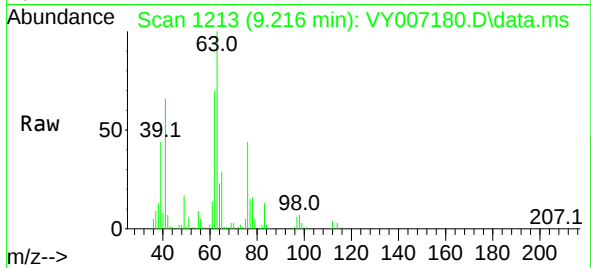




#45  
1,2-Dichloropropane  
Concen: 19.044 ug/l  
RT: 9.216 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

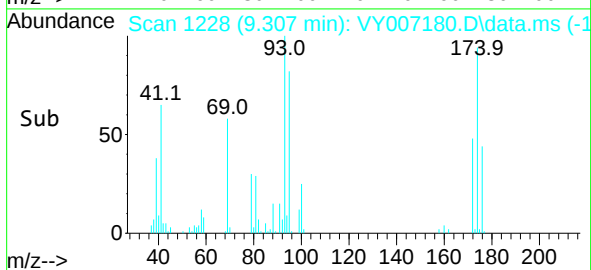
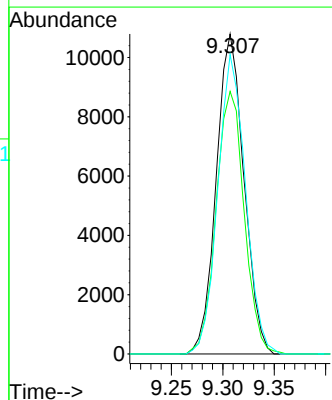
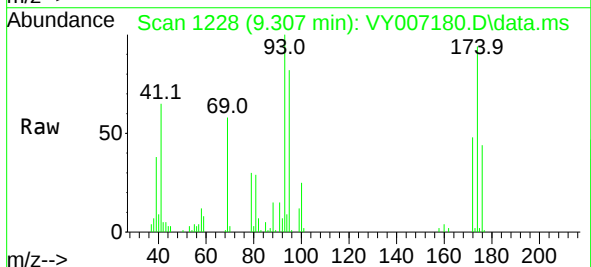
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

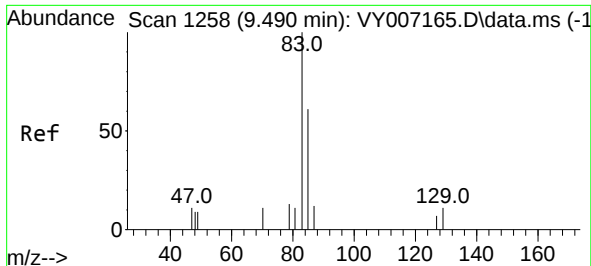
Tgt Ion: 63 Resp: 33728  
Ion Ratio Lower Upper  
63 100  
65 29.3 26.9 40.3



#46  
Dibromomethane  
Concen: 19.289 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 93 Resp: 20202  
Ion Ratio Lower Upper  
93 100  
95 83.2 65.8 98.6  
174 93.2 75.4 113.0

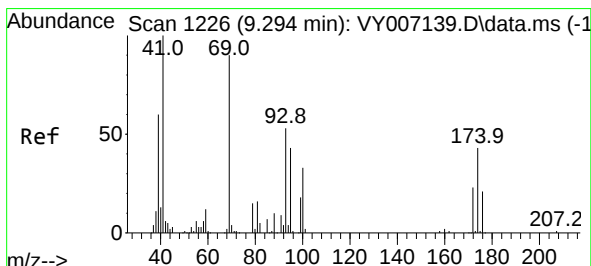
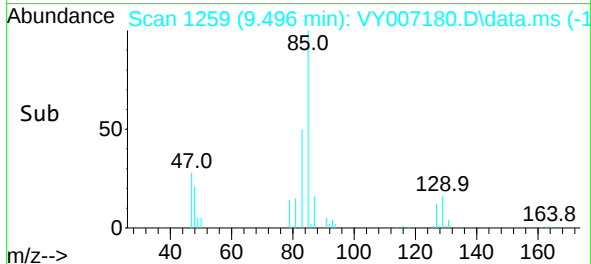
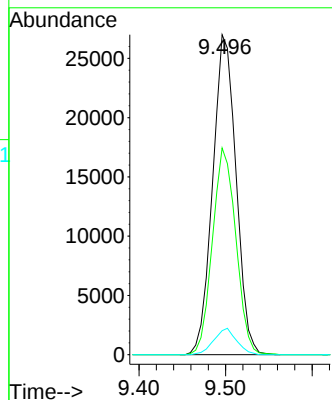
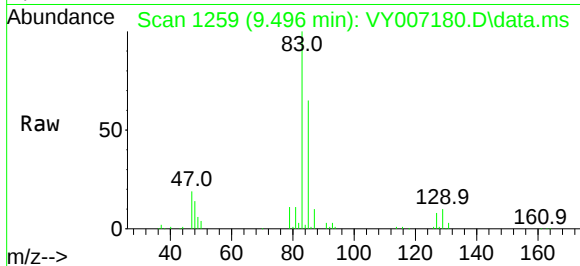




#47  
Bromodichloromethane  
Concen: 19.679 ug/l  
RT: 9.496 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

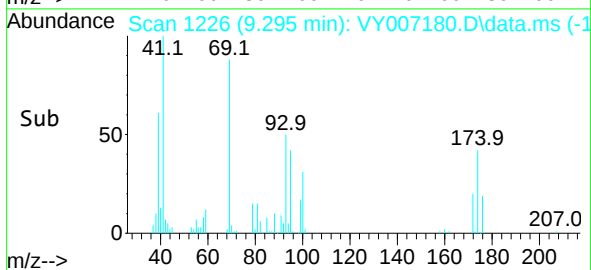
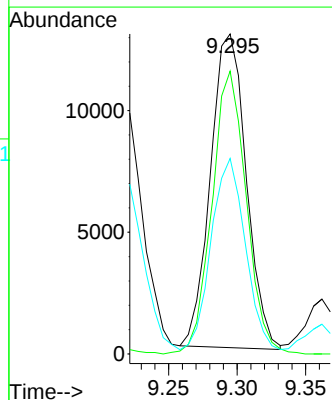
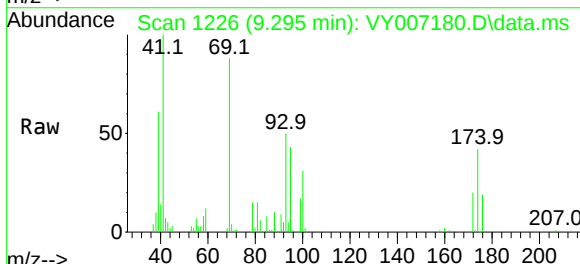
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

Tgt Ion: 83 Resp: 50667  
Ion Ratio Lower Upper  
83 100  
85 64.6 51.4 77.2  
127 7.5 6.5 9.7



#48  
Methyl methacrylate  
Concen: 19.731 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 41 Resp: 23399  
Ion Ratio Lower Upper  
41 100  
69 86.5 70.5 105.7  
39 58.4 43.8 65.8





#49

1,4-Dioxane

Concen: 421.873 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VY0117SBS01

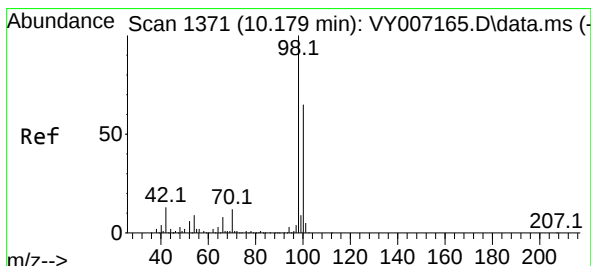
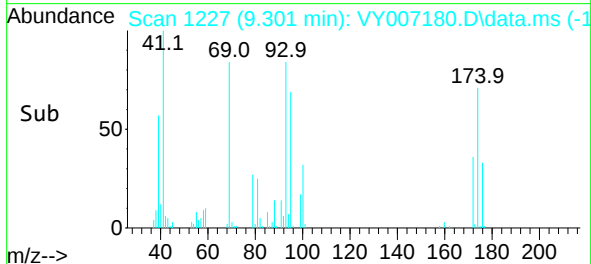
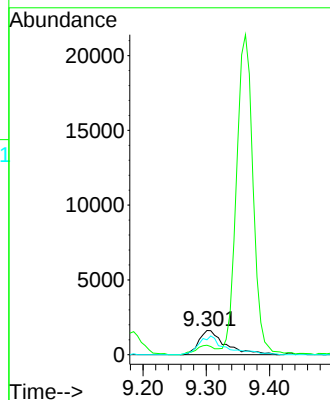
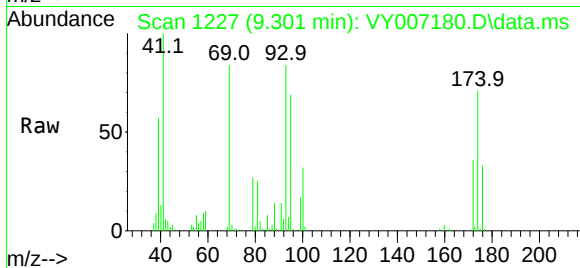
Tgt Ion: 88 Resp: 4764

Ion Ratio Lower Upper

88 100

43 25.8 22.0 33.0

58 77.6 58.6 87.8



#50

Toluene-d8

Concen: 49.428 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY007180.D

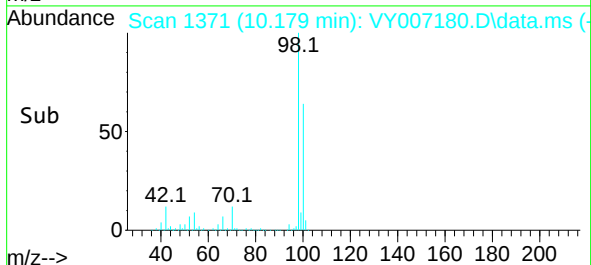
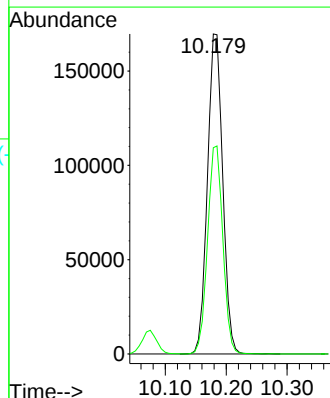
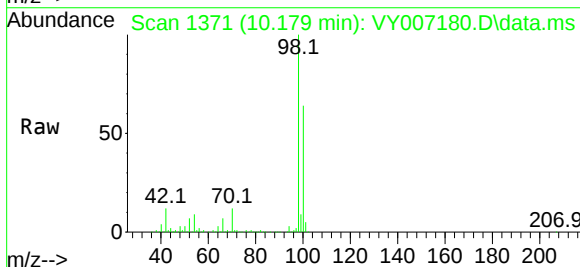
Acq: 17 Jan 2022 11:05

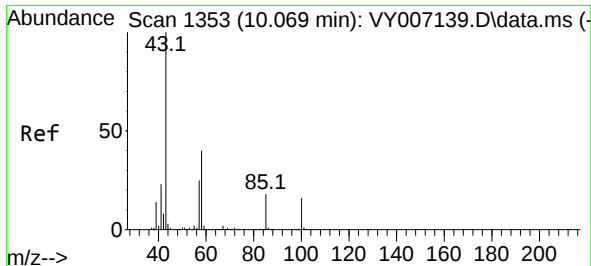
Tgt Ion: 98 Resp: 295253

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2

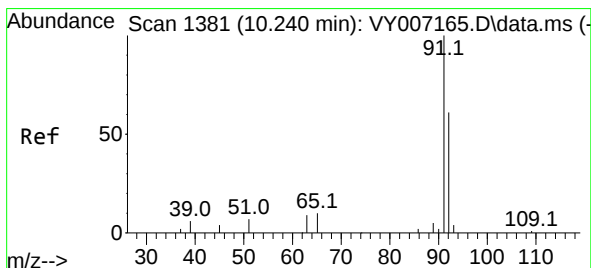
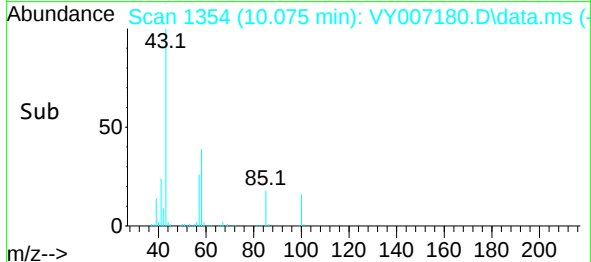
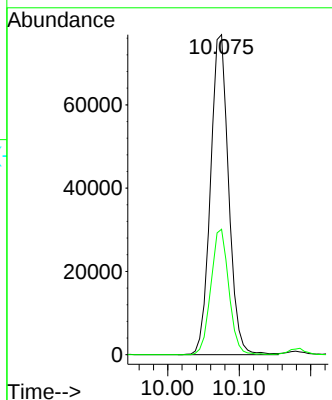
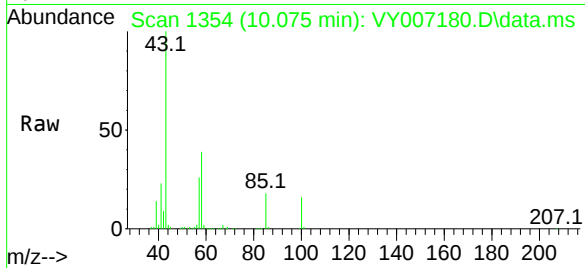




#51  
4-Methyl-2-Pentanone  
Concen: 102.276 ug/l  
RT: 10.075 min Scan# 1354  
Delta R.T. 0.007 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

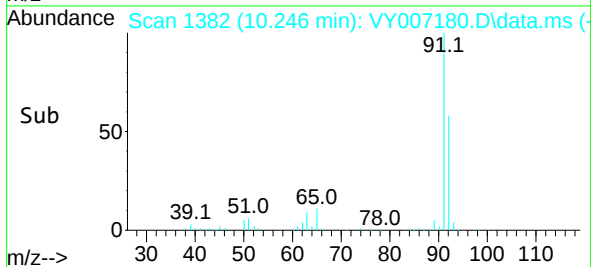
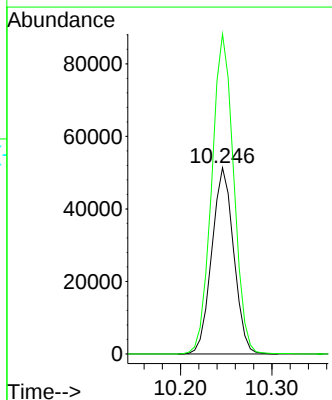
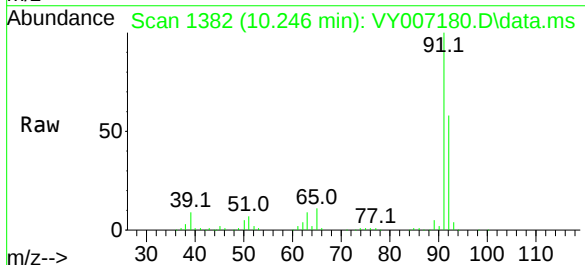
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

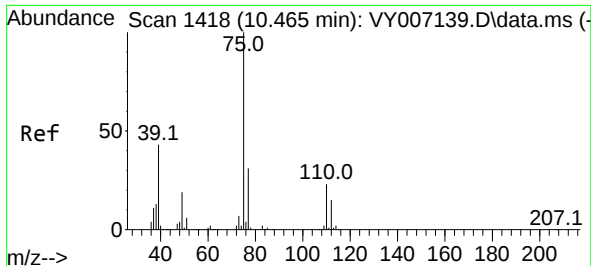
Tgt Ion: 43 Resp: 135206  
Ion Ratio Lower Upper  
43 100  
58 38.8 32.8 49.2



#52  
Toluene  
Concen: 19.325 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 92 Resp: 85314  
Ion Ratio Lower Upper  
92 100  
91 172.9 138.6 207.8

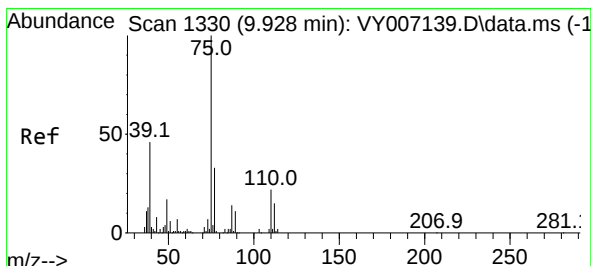
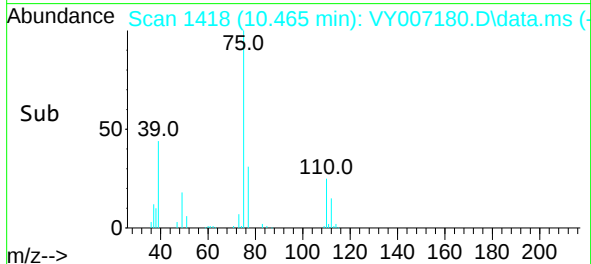
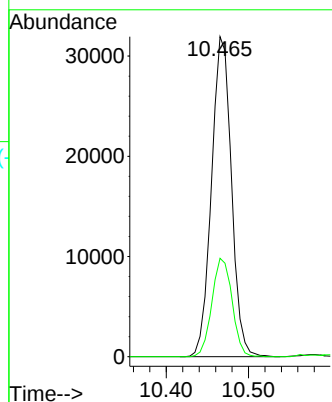
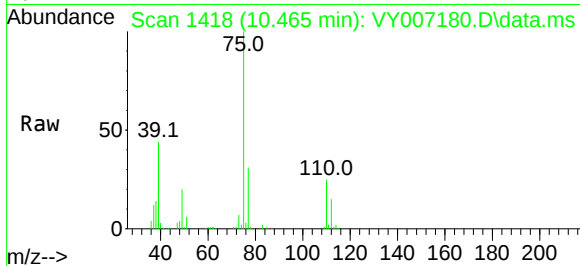




#53  
t-1,3-Dichloropropene  
Concen: 19.784 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

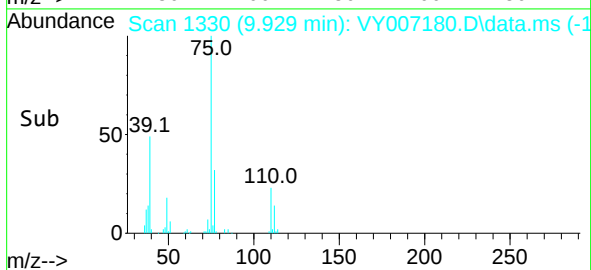
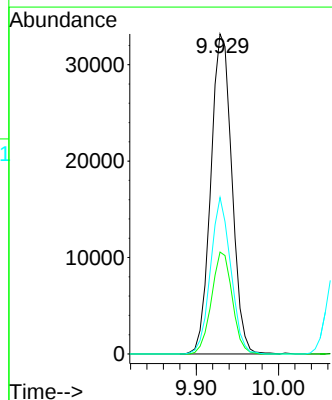
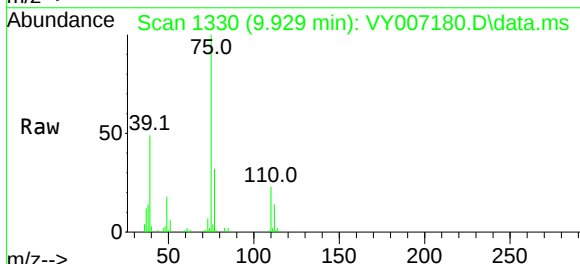
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

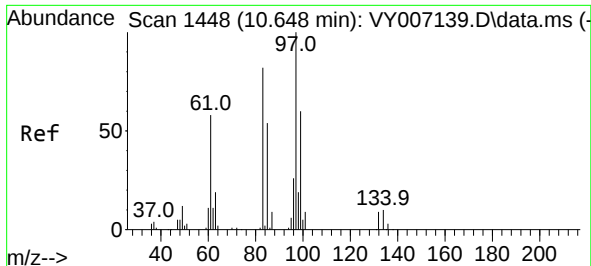
Tgt Ion: 75 Resp: 53770  
Ion Ratio Lower Upper  
75 100  
77 30.8 25.7 38.5



#54  
cis-1,3-Dichloropropene  
Concen: 19.412 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 75 Resp: 59058  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.7 38.5  
39 48.9 36.1 54.1

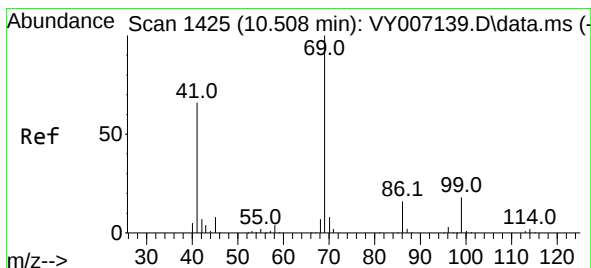
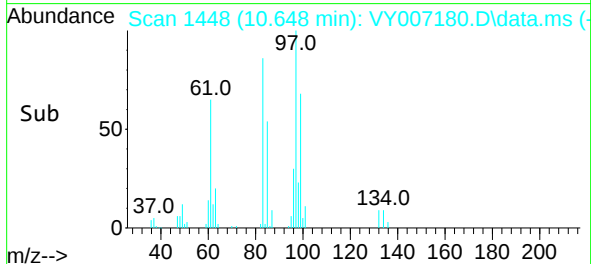
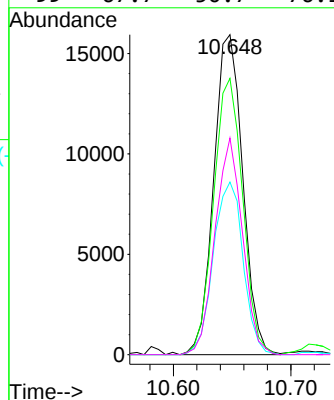
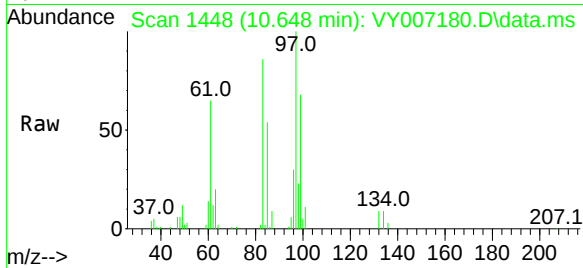




#55  
1,1,2-Trichloroethane  
Concen: 19.275 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

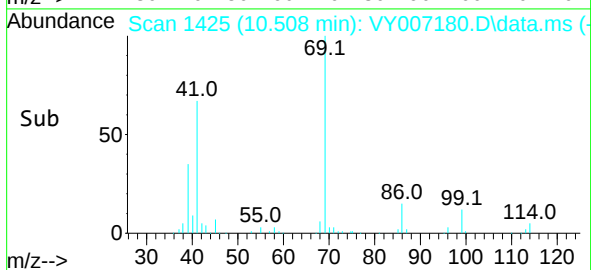
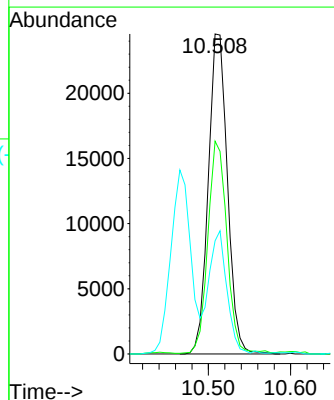
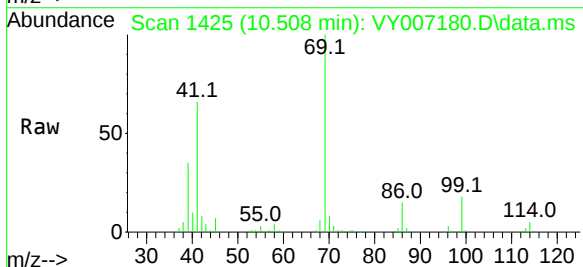
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

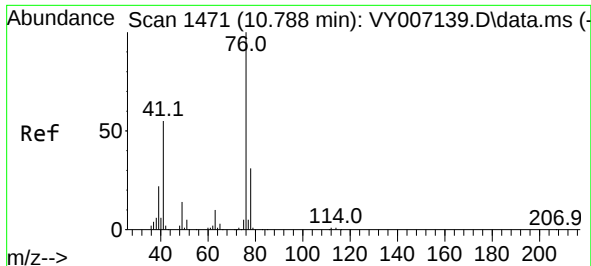
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 27382 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 86.3     | 67.0 100.4  |
| 85 54.0     | 41.2 61.8   |
| 99 67.7     | 50.7 76.1   |



#56  
Ethyl methacrylate  
Concen: 19.844 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 39715 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 65.6     | 49.4 74.0   |
| 39 36.1     | 27.7 41.5   |





#57

1,3-Dichloropropane

Concen: 19.972 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.007 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

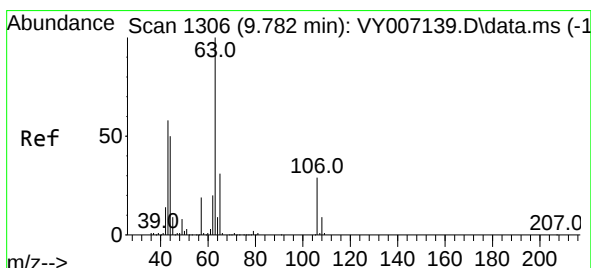
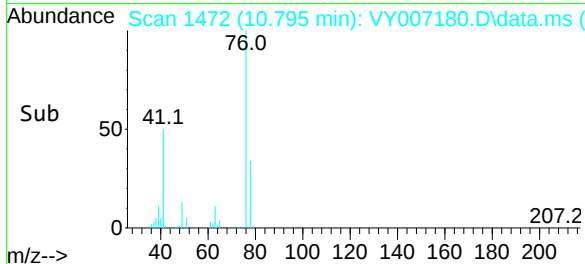
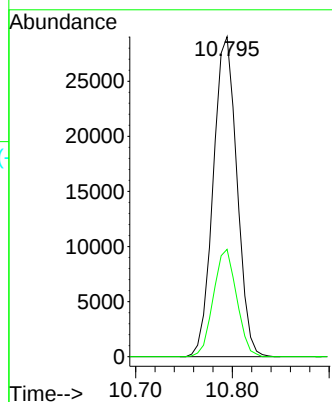
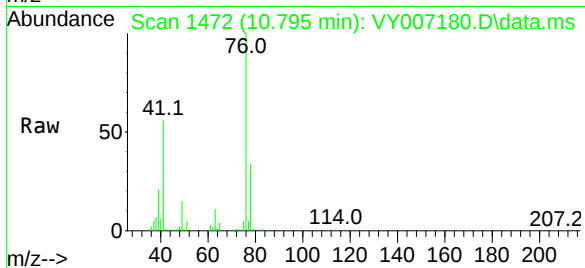
VY0117SBS01

Tgt Ion: 76 Resp: 49456

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 1.037 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.007 min

Lab File: VY007180.D

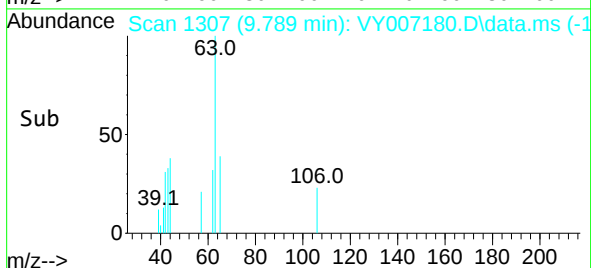
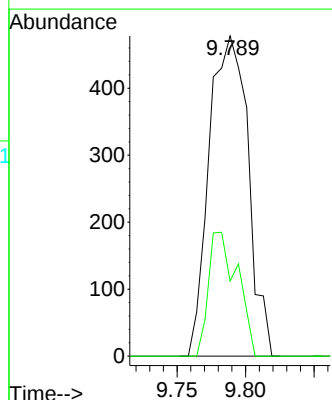
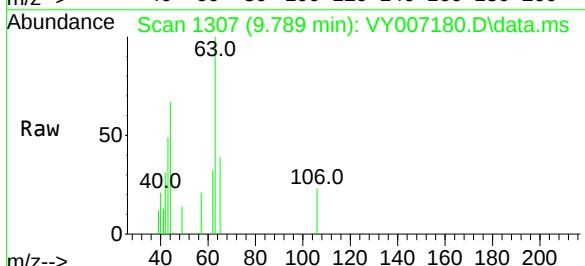
Acq: 17 Jan 2022 11:05

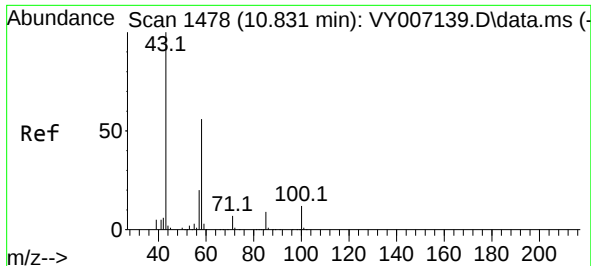
Tgt Ion: 63 Resp: 944

Ion Ratio Lower Upper

63 100

106 28.7 23.3 34.9

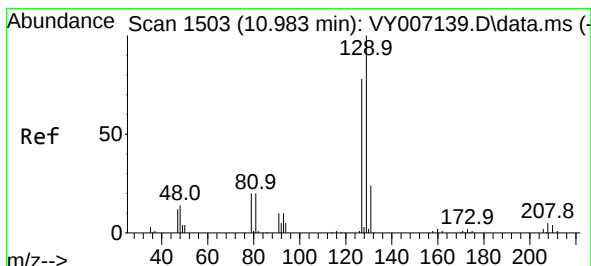
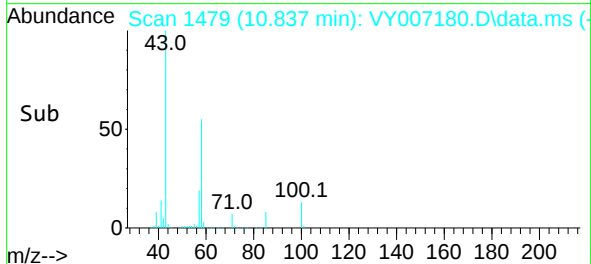
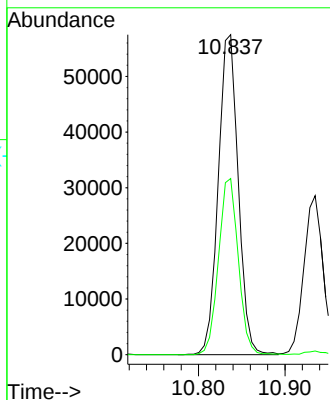
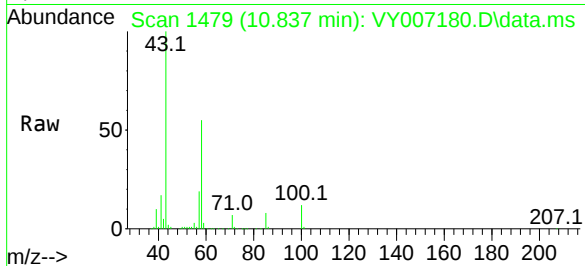




#59  
2-Hexanone  
Concen: 102.648 ug/l  
RT: 10.837 min Scan# 1478  
Delta R.T. 0.007 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

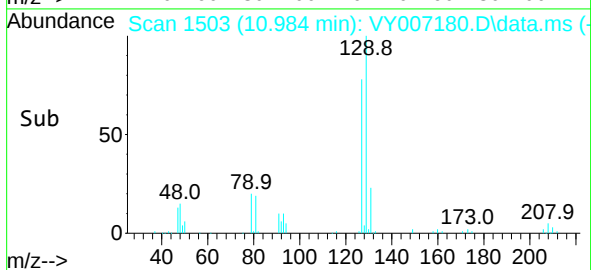
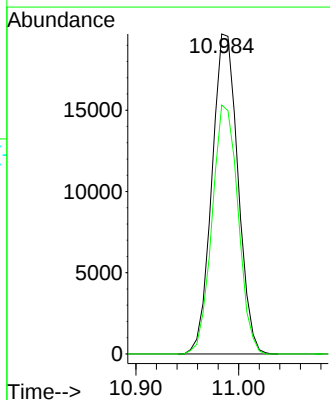
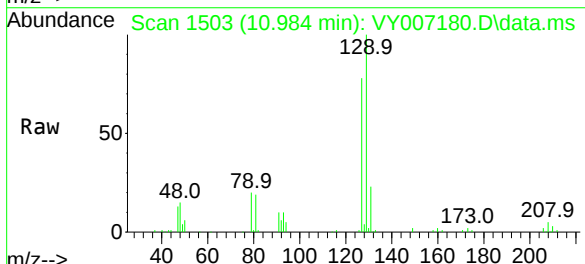
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

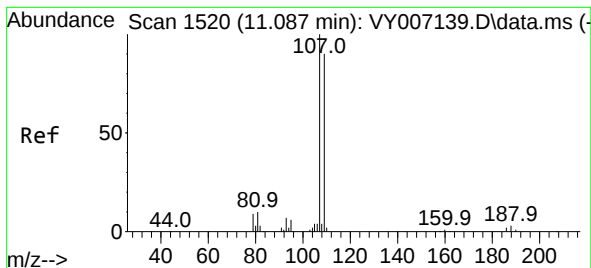
Tgt Ion: 43 Resp: 92093  
Ion Ratio Lower Upper  
43 100  
58 54.6 28.4 85.3



#60  
Dibromochloromethane  
Concen: 19.796 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion:129 Resp: 34571  
Ion Ratio Lower Upper  
129 100  
127 77.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.525 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

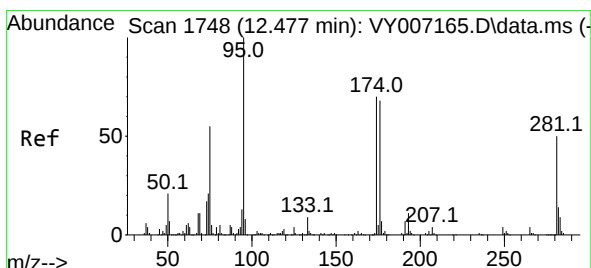
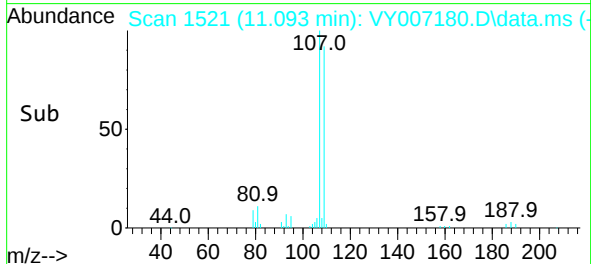
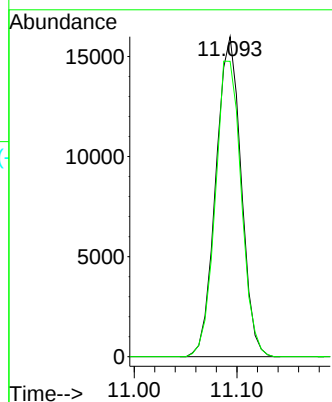
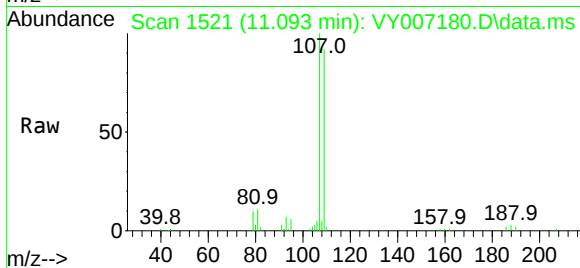
VY0117SBS01

Tgt Ion:107 Resp: 27249

Ion Ratio Lower Upper

107 100

109 95.0 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 50.459 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

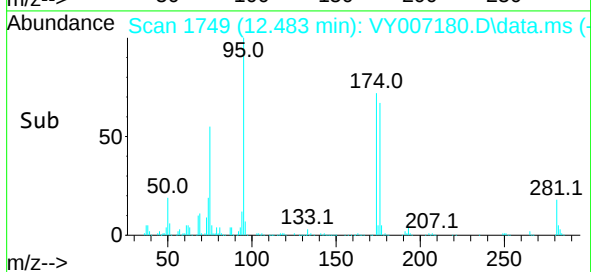
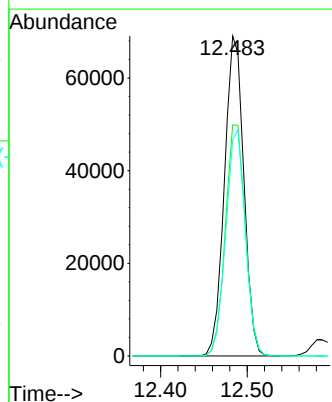
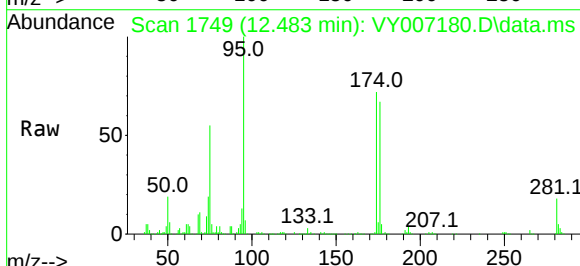
Tgt Ion: 95 Resp: 107216

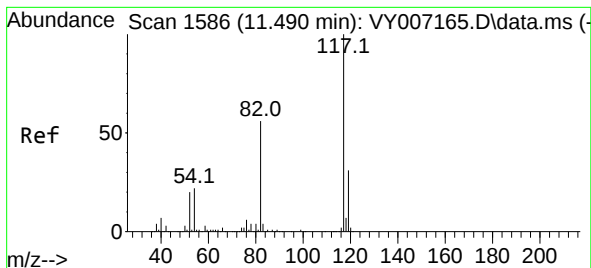
Ion Ratio Lower Upper

95 100

174 74.8 0.0 148.4

176 71.1 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VY0117SBS01

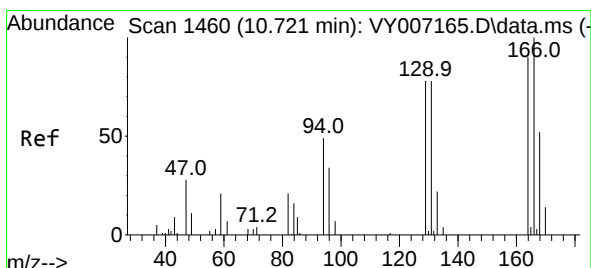
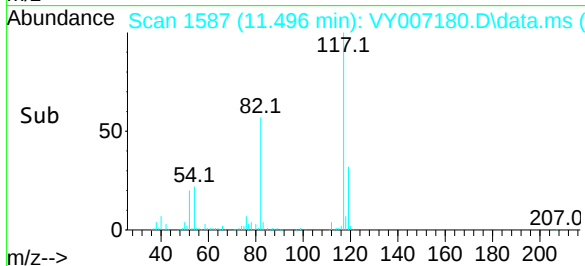
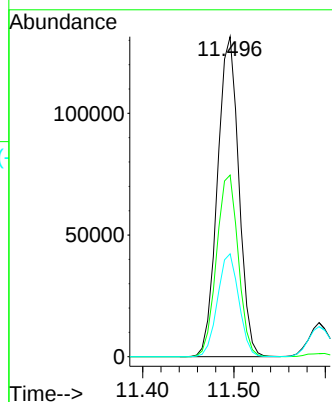
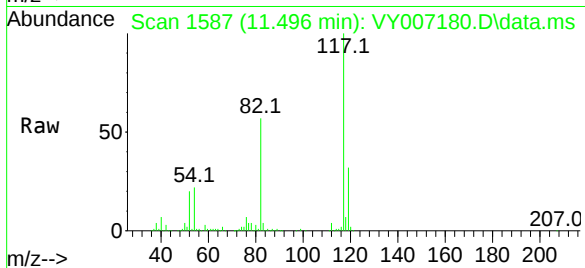
Tgt Ion:117 Resp: 213435

Ion Ratio Lower Upper

117 100

82 56.8 45.4 68.0

119 32.2 26.4 39.6



#64

Tetrachloroethene

Concen: 18.717 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Tgt Ion:164 Resp: 28795

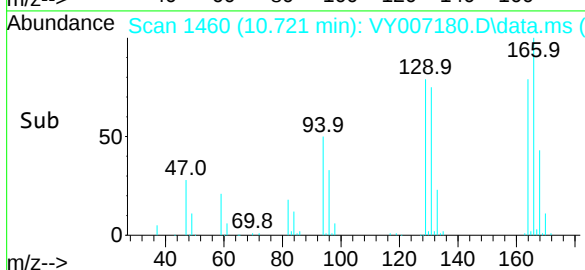
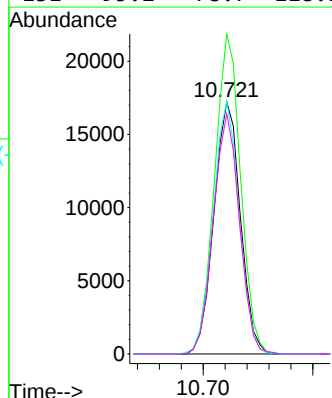
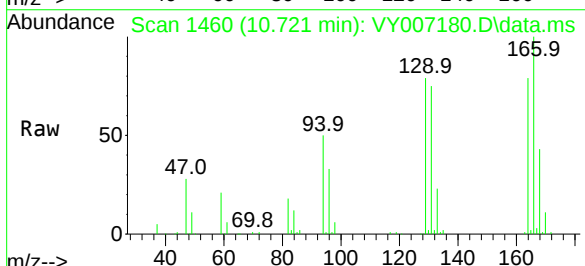
Ion Ratio Lower Upper

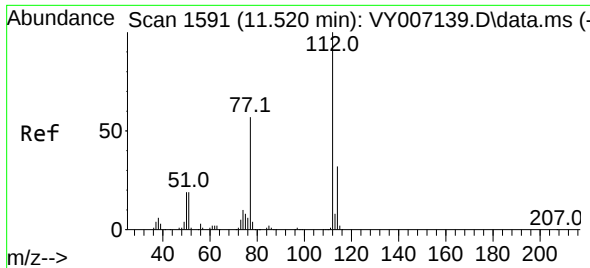
164 100

166 126.9 102.6 154.0

129 100.1 84.6 127.0

131 95.2 78.7 118.1

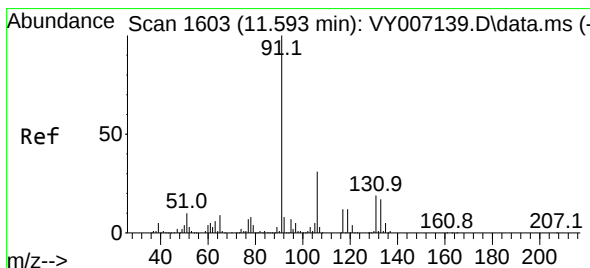
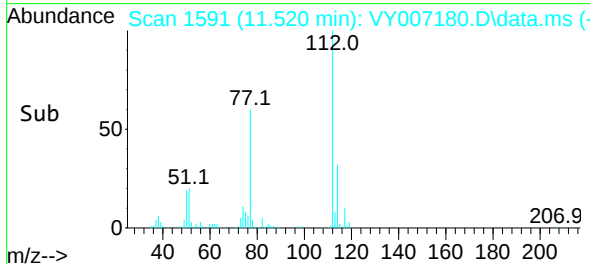
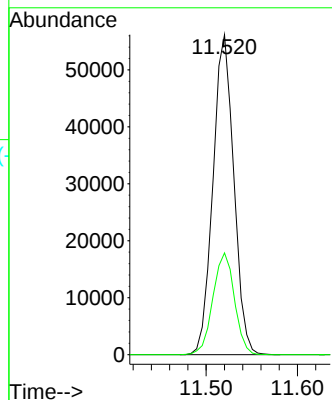
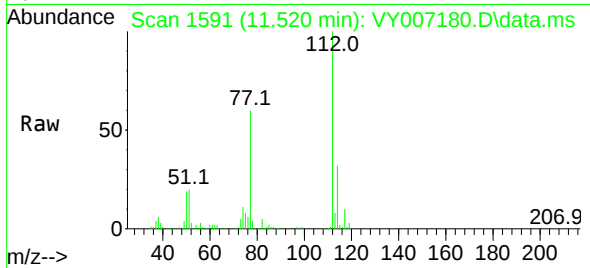




#65  
Chlorobenzene  
Concen: 19.086 ug/l  
RT: 11.520 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

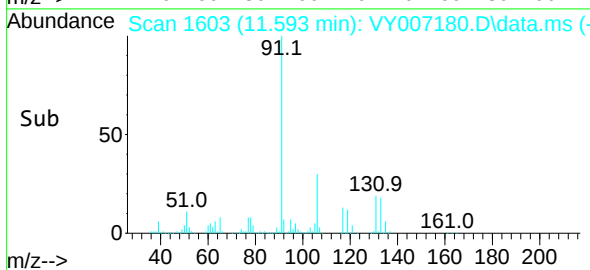
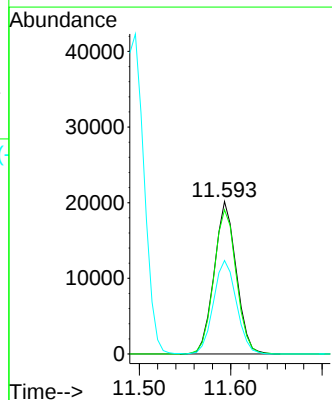
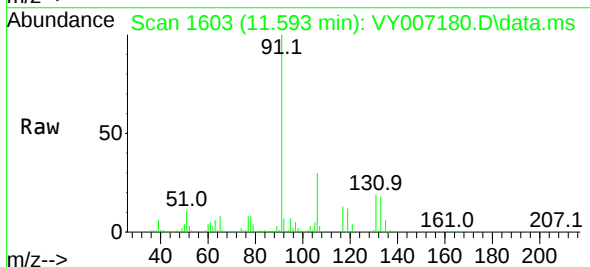
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

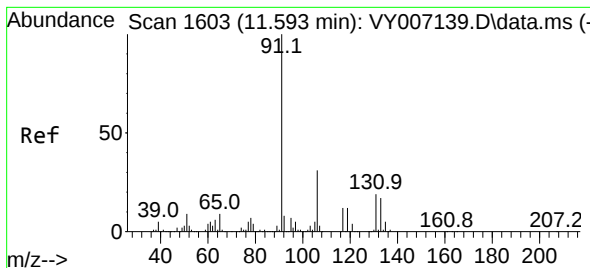
Tgt Ion:112 Resp: 89074  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.529 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion:131 Resp: 33785  
Ion Ratio Lower Upper  
131 100  
133 96.2 47.5 142.5  
119 63.7 32.6 97.7





#67

Ethyl Benzene

Concen: 19.404 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

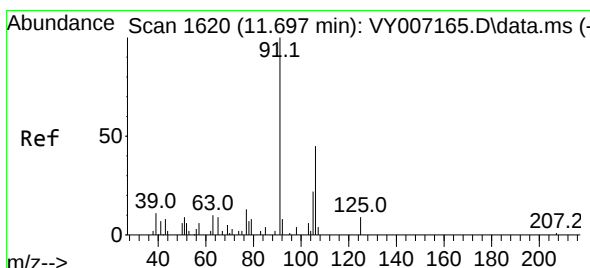
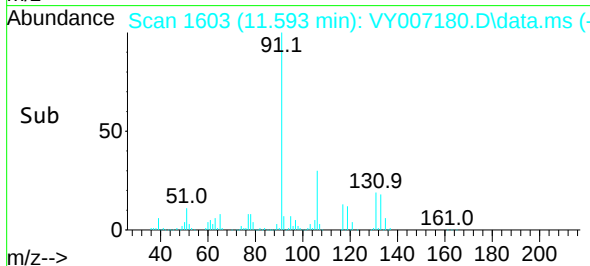
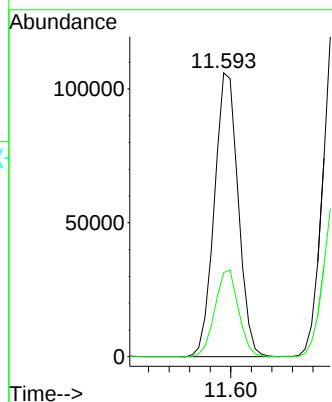
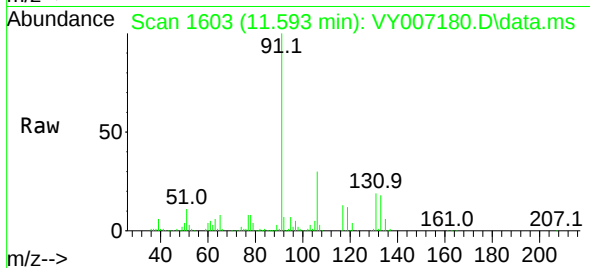
VY0117SBS01

Tgt Ion: 91 Resp: 170204

Ion Ratio Lower Upper

91 100

106 29.6 23.9 35.9



#68

m/p-Xylenes

Concen: 38.533 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY007180.D

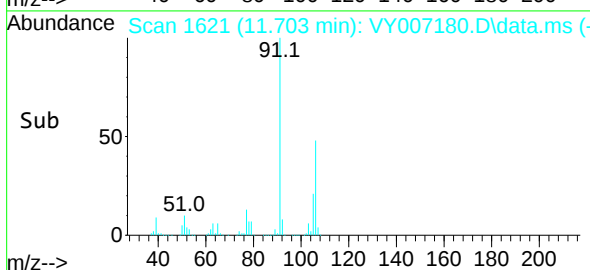
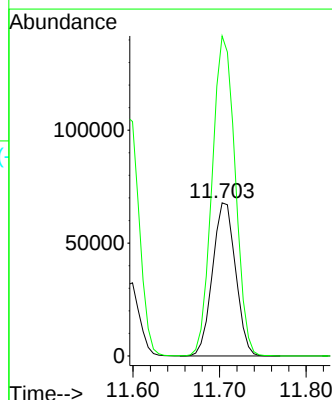
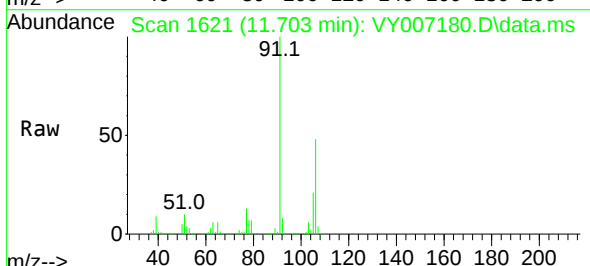
Acq: 17 Jan 2022 11:05

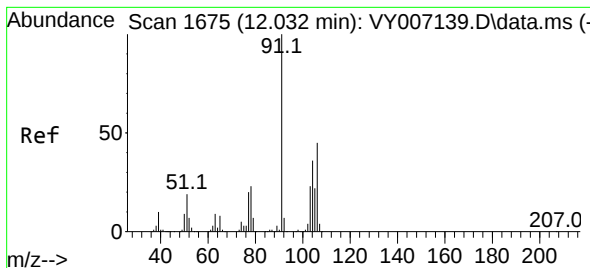
Tgt Ion:106 Resp: 125603

Ion Ratio Lower Upper

106 100

91 209.2 167.1 250.7





#69

o-Xylene

Concen: 19.210 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

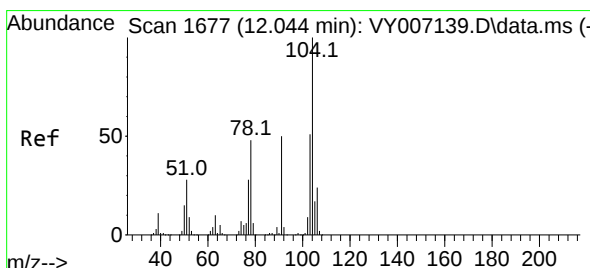
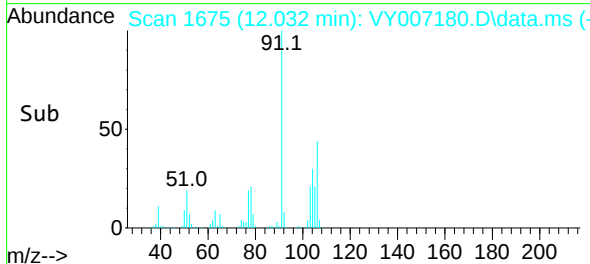
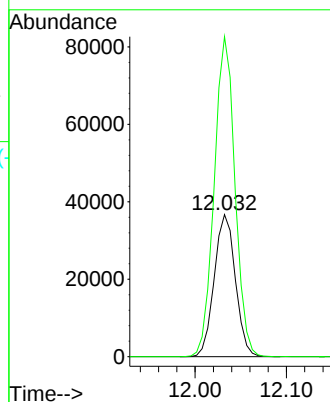
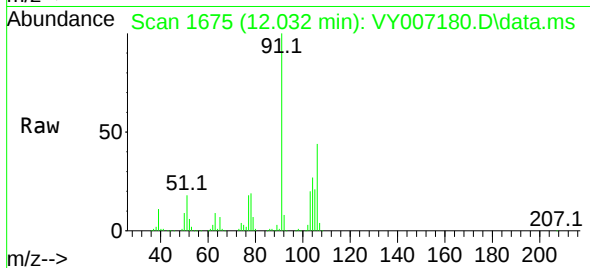
VY0117SBS01

Tgt Ion:106 Resp: 58967

Ion Ratio Lower Upper

106 100

91 221.1 109.9 329.6



#70

Styrene

Concen: 19.302 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

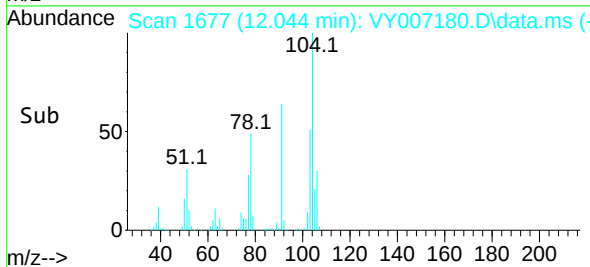
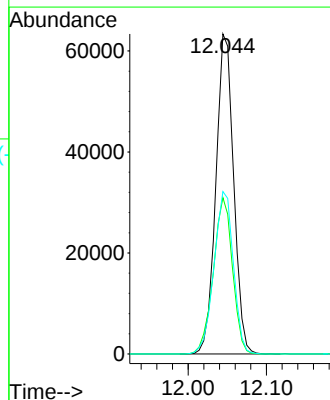
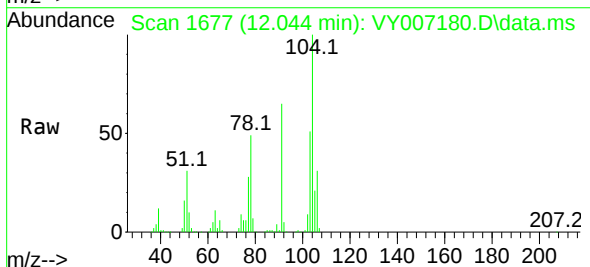
Tgt Ion:104 Resp: 99952

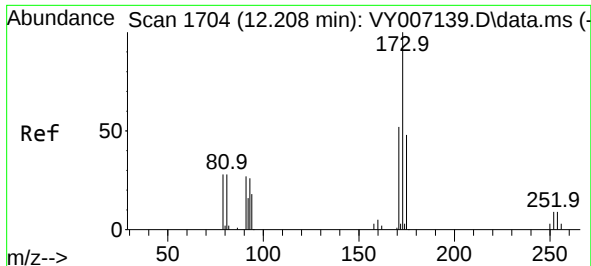
Ion Ratio Lower Upper

104 100

78 52.7 41.4 62.0

103 55.4 44.2 66.2

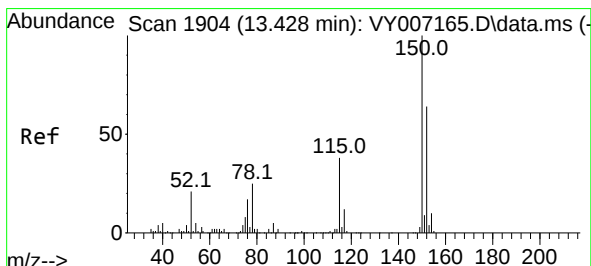
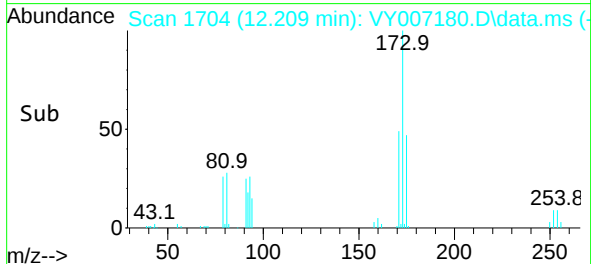
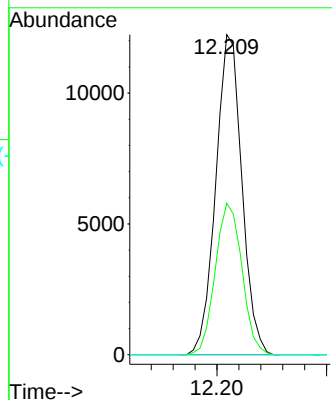
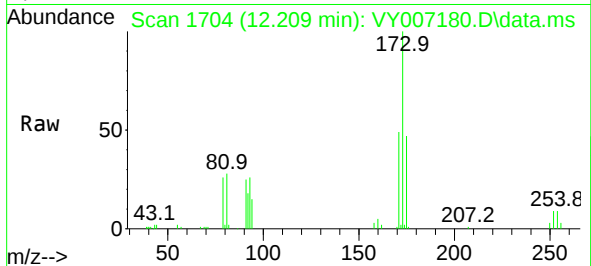




#71  
Bromoform  
Concen: 20.209 ug/l  
RT: 12.209 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

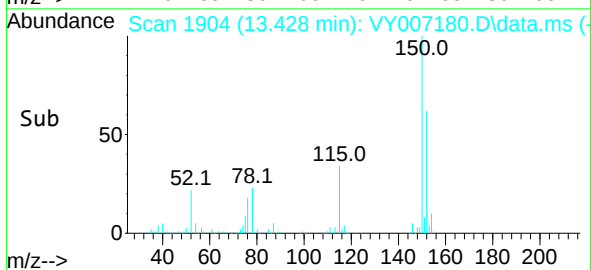
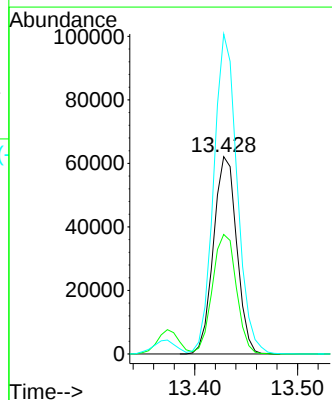
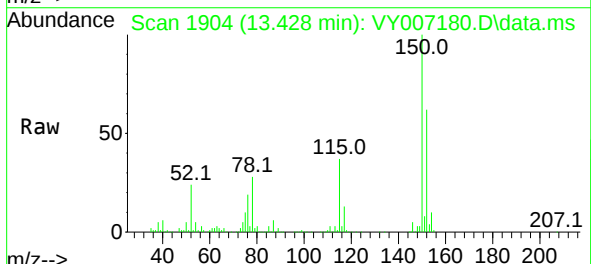
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

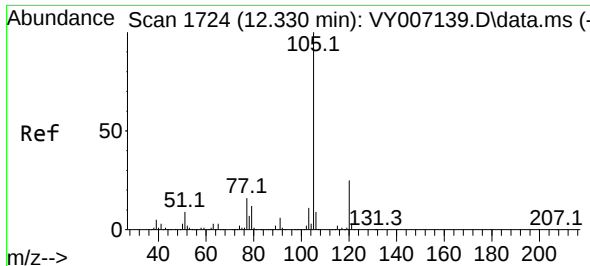
Tgt Ion:173 Resp: 20223  
Ion Ratio Lower Upper  
173 100  
175 48.3 24.8 74.3  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion:152 Resp: 97416  
Ion Ratio Lower Upper  
152 100  
115 62.5 31.4 94.0  
150 163.9 0.0 348.4

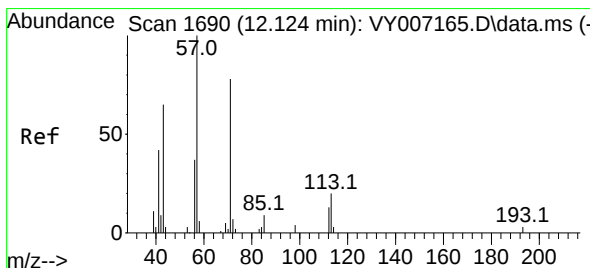
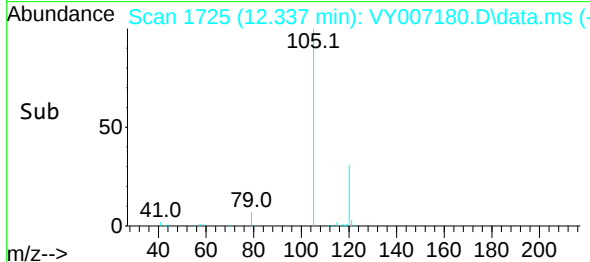
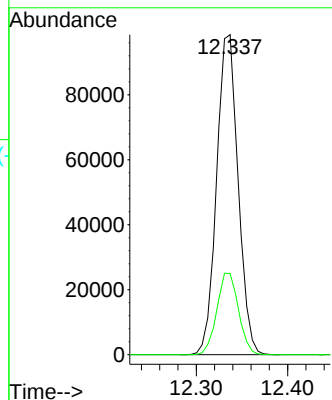
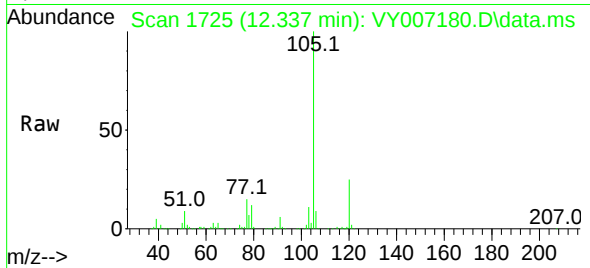




#73  
Isopropylbenzene  
Concen: 19.130 ug/l  
RT: 12.337 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

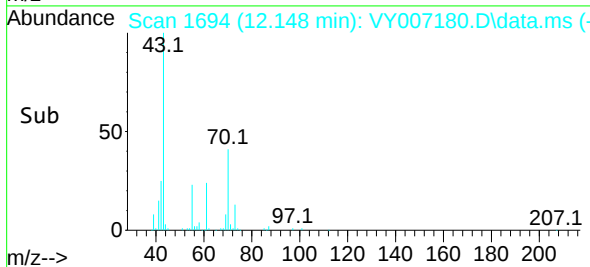
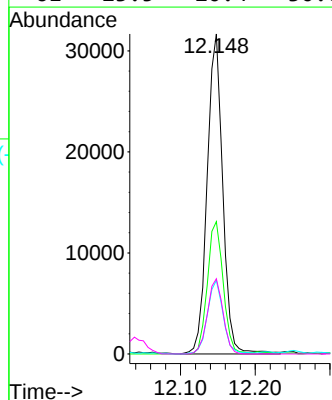
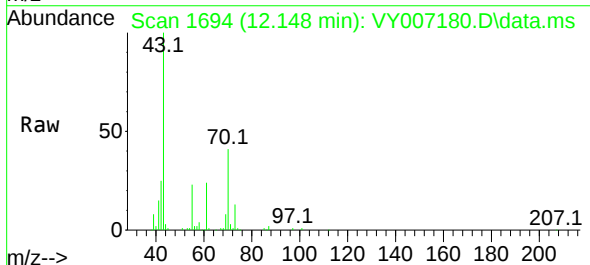
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

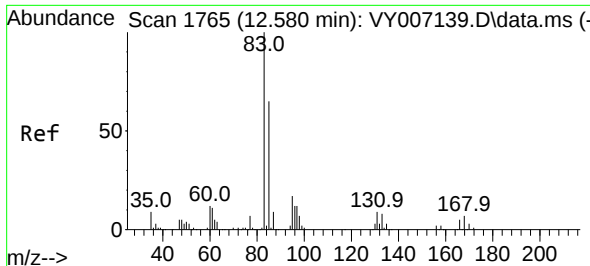
Tgt Ion:105 Resp: 160954  
Ion Ratio Lower Upper  
105 100  
120 25.7 13.1 39.1



#74  
N-amy1 acetate  
Concen: 20.409 ug/l  
RT: 12.148 min Scan# 1694  
Delta R.T. 0.007 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 43 Resp: 45919  
Ion Ratio Lower Upper  
43 100  
70 41.9 36.2 54.4  
55 23.4 19.0 28.4  
61 23.5 20.4 30.6

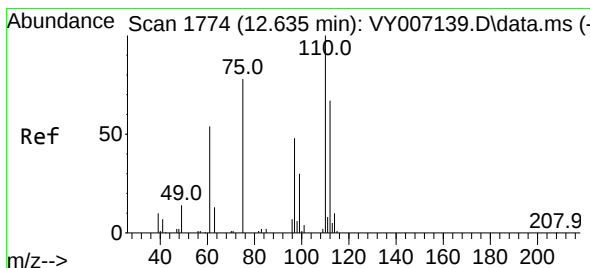
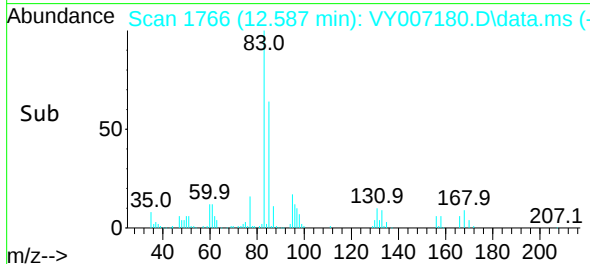
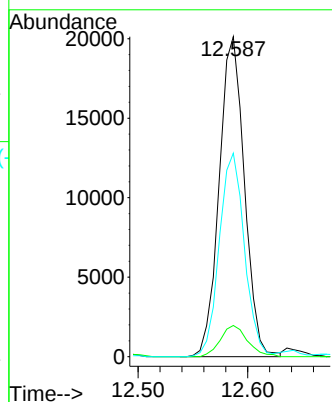
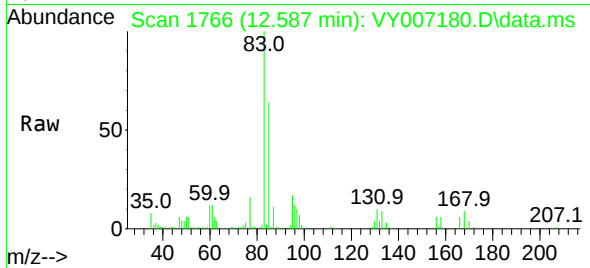




#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.650 ug/l  
RT: 12.587 min Scan# 1766  
Delta R.T. 0.007 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

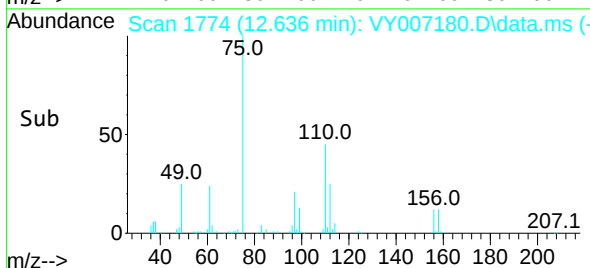
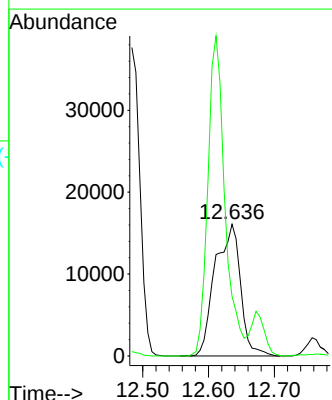
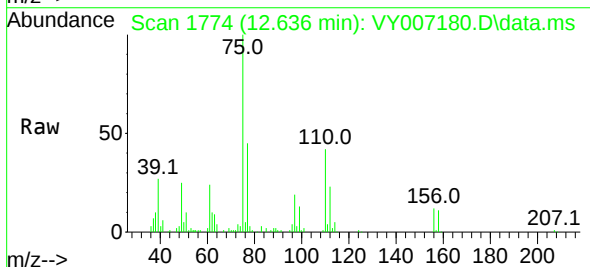
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

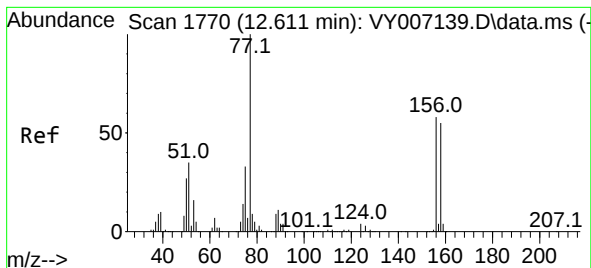
Tgt Ion: 83 Resp: 32150  
Ion Ratio Lower Upper  
83 100  
131 10.5 5.3 16.1  
85 63.5 32.4 97.2



#76  
1,2,3-Trichloropropane  
Concen: 38.959 ug/l  
RT: 12.636 min Scan# 1774  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 75 Resp: 43276  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.750 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VY0117SBS01

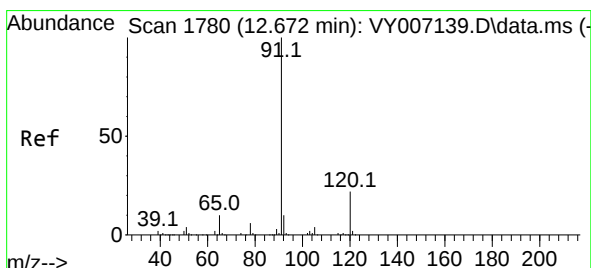
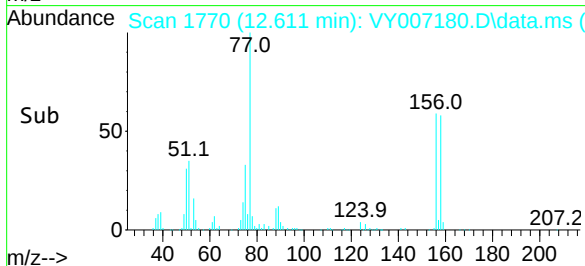
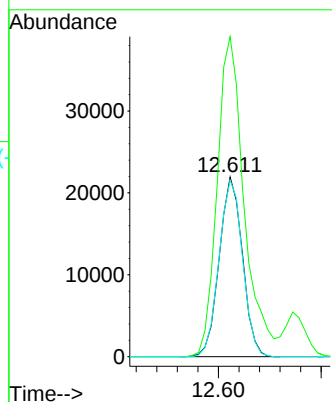
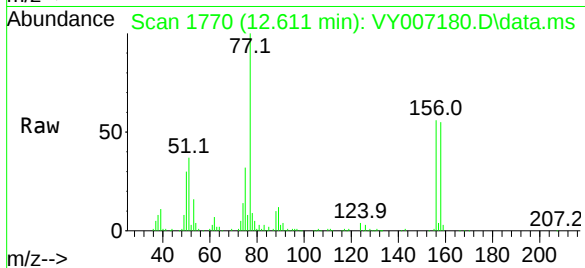
Tgt Ion:156 Resp: 34327

Ion Ratio Lower Upper

156 100

77 205.9 98.7 296.1

158 99.5 48.4 145.2



#78

n-propylbenzene

Concen: 18.848 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY007180.D

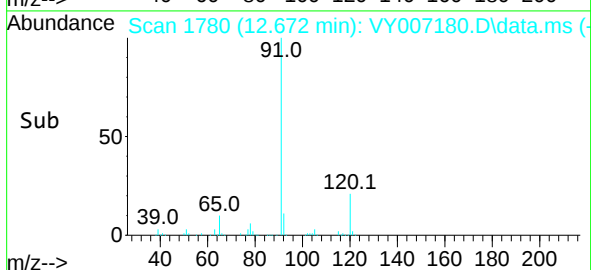
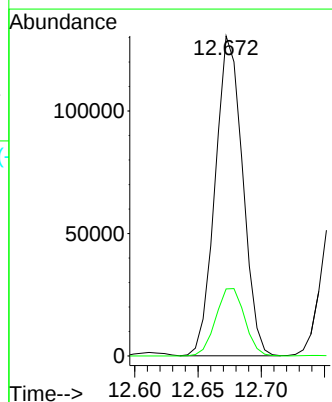
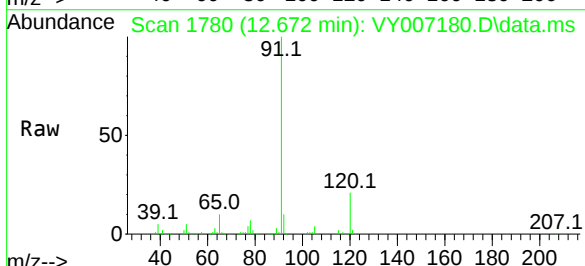
Acq: 17 Jan 2022 11:05

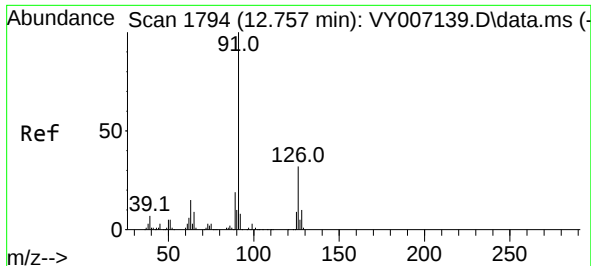
Tgt Ion: 91 Resp: 196591

Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.5

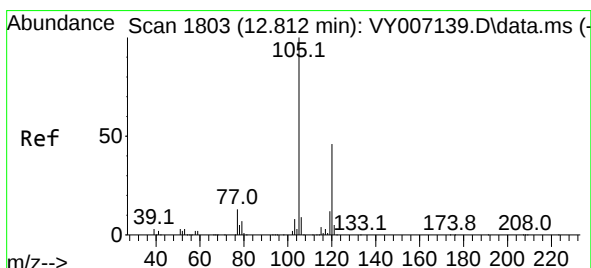
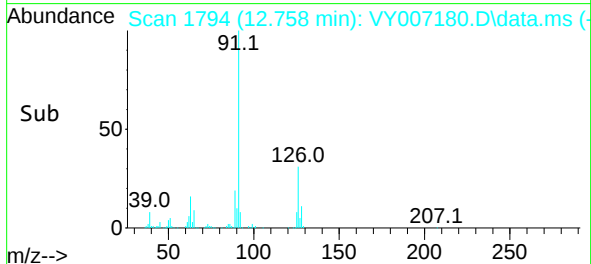
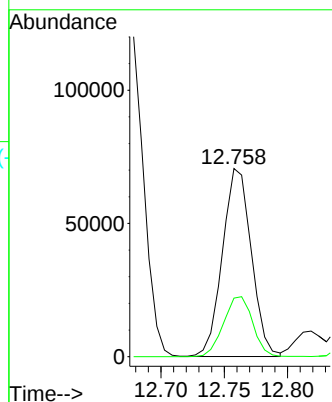
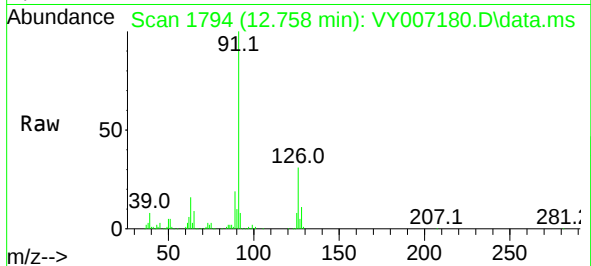




#79  
2-Chlorotoluene  
Concen: 19.365 ug/l  
RT: 12.758 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

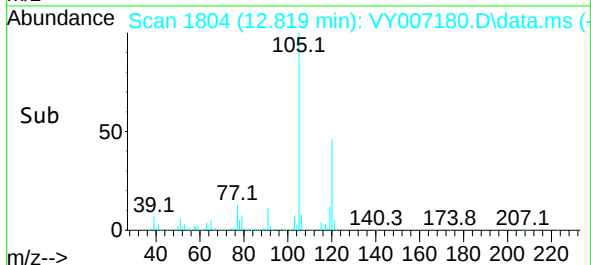
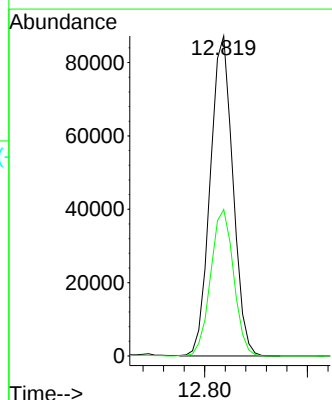
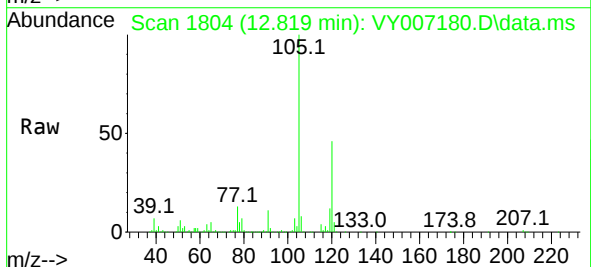
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

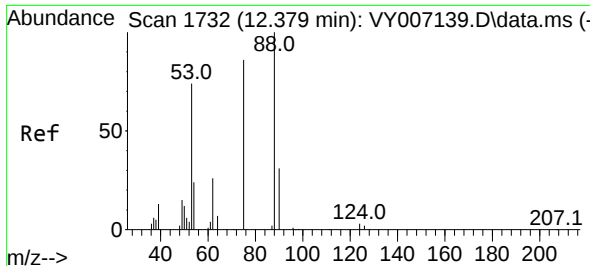
Tgt Ion: 91 Resp: 112302  
Ion Ratio Lower Upper  
91 100  
126 32.3 16.4 49.1



#80  
1,3,5-Trimethylbenzene  
Concen: 19.337 ug/l  
RT: 12.819 min Scan# 1804  
Delta R.T. 0.007 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 105 Resp: 133589  
Ion Ratio Lower Upper  
105 100  
120 46.3 23.7 71.1

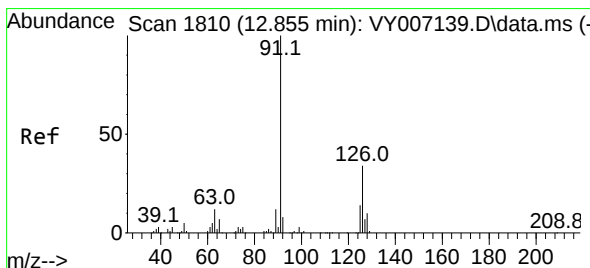
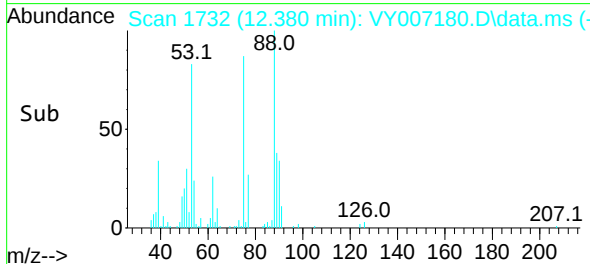
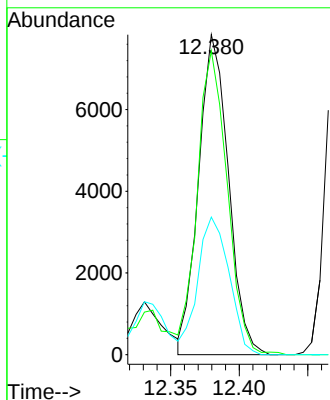
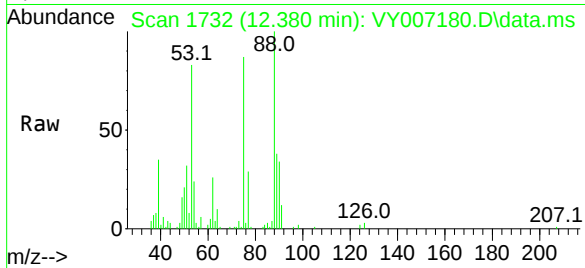




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.586 ug/l  
RT: 12.380 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

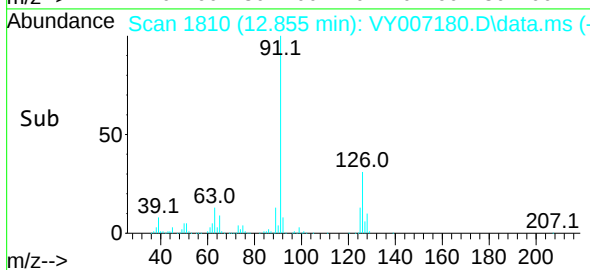
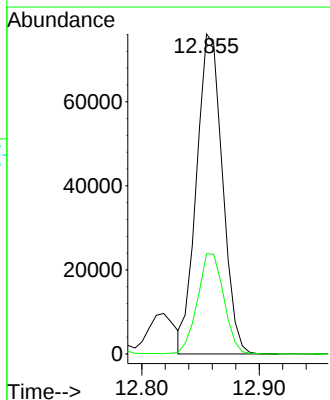
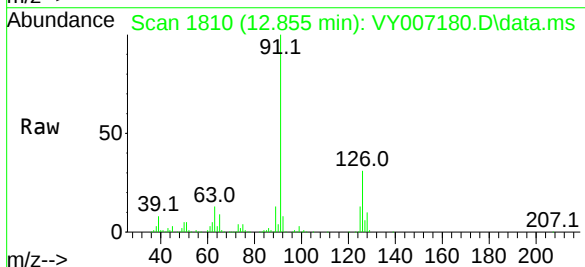
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0117SBS01

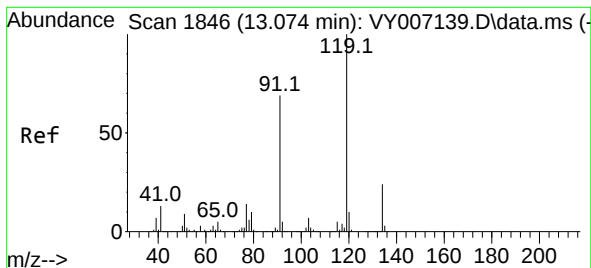
Tgt Ion: 75 Resp: 11884  
Ion Ratio Lower Upper  
75 100  
53 94.7 73.9 110.9  
89 45.1 0.0 0.0#



#82  
4-Chlorotoluene  
Concen: 19.318 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY007180.D  
Acq: 17 Jan 2022 11:05

Tgt Ion: 91 Resp: 116861  
Ion Ratio Lower Upper  
91 100  
126 31.9 16.3 48.9





#83

tert-Butylbenzene

Concen: 19.510 ug/l

RT: 13.081 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VY0117SBS01

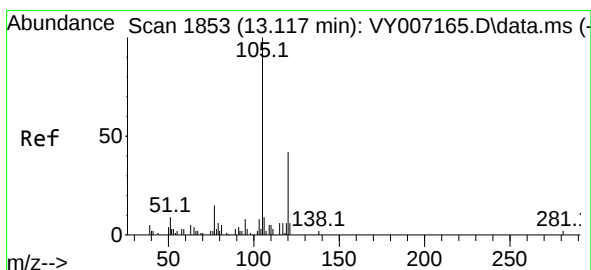
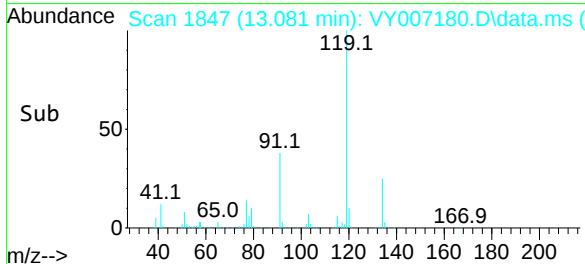
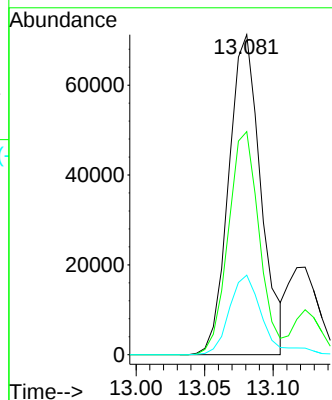
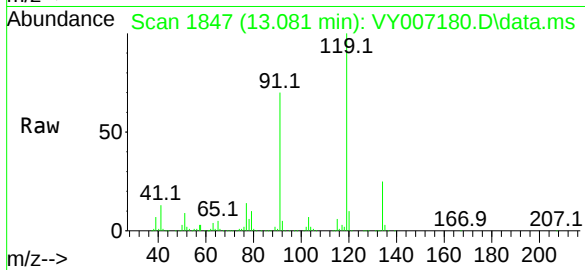
Tgt Ion:119 Resp: 116463

Ion Ratio Lower Upper

119 100

91 67.0 33.1 99.5

134 25.7 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 19.478 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY007180.D

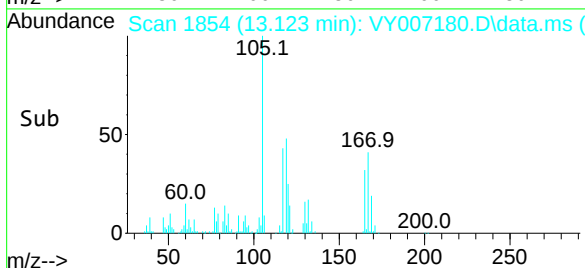
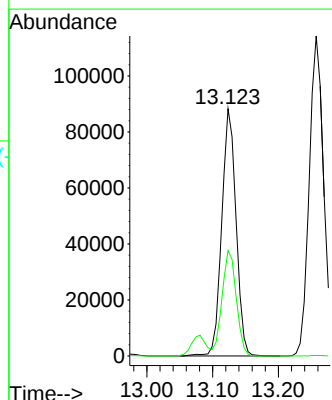
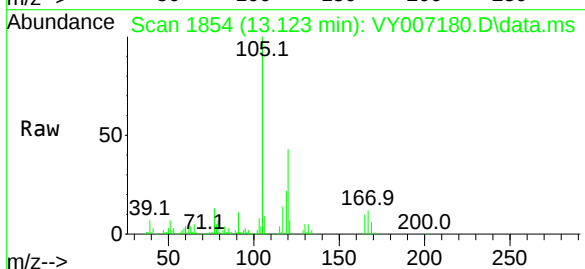
Acq: 17 Jan 2022 11:05

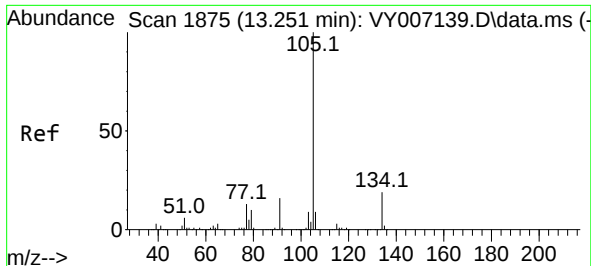
Tgt Ion:105 Resp: 133382

Ion Ratio Lower Upper

105 100

120 42.3 21.6 64.6

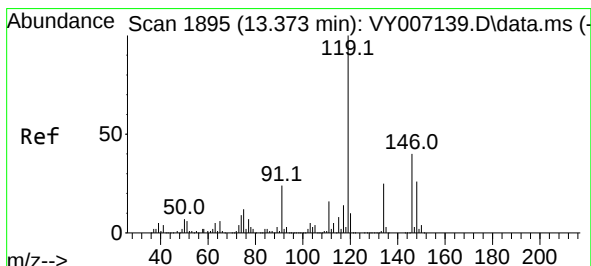
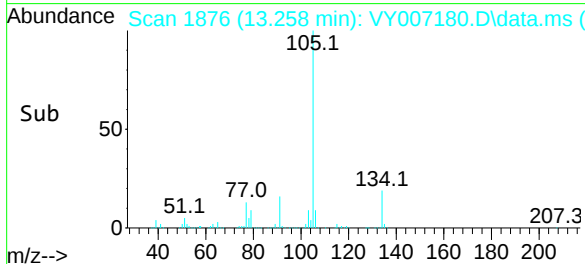
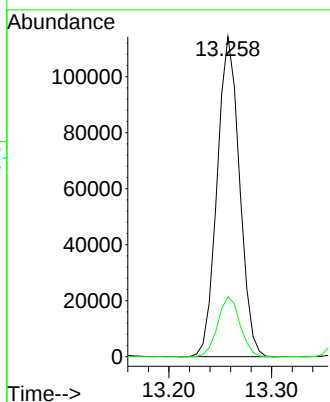
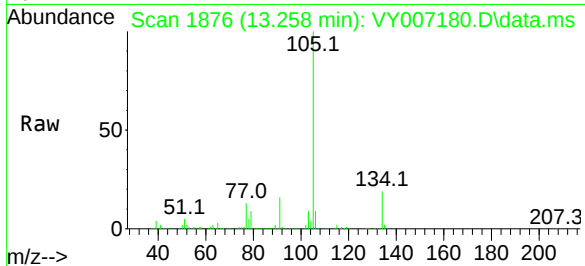




#85  
 sec-Butylbenzene  
 Concen: 19.346 ug/l  
 RT: 13.258 min Scan# 1875  
 Delta R.T. 0.007 min  
 Lab File: VY007180.D  
 Acq: 17 Jan 2022 11:05

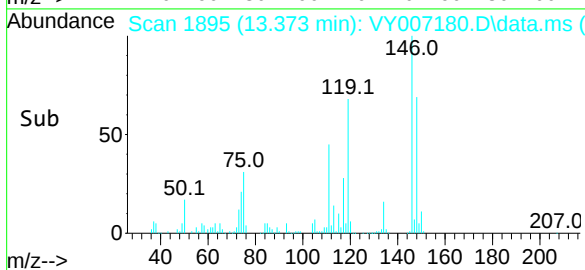
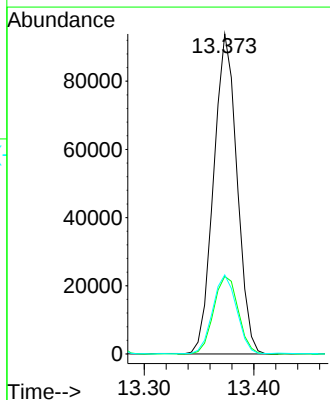
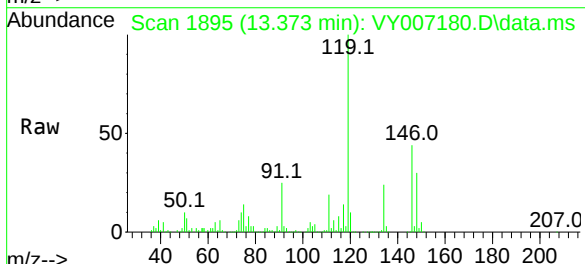
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0117SBS01

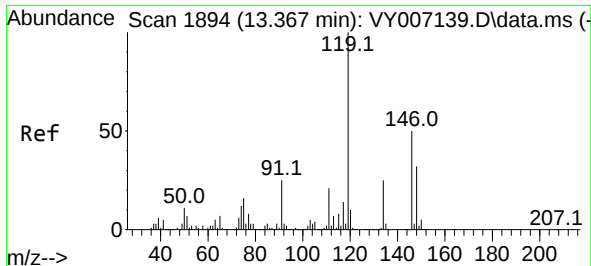
Tgt Ion:105 Resp: 172767  
 Ion Ratio Lower Upper  
 105 100  
 134 18.6 9.9 29.7



#86  
 p-Isopropyltoluene  
 Concen: 18.981 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. 0.000 min  
 Lab File: VY007180.D  
 Acq: 17 Jan 2022 11:05

Tgt Ion:119 Resp: 139299  
 Ion Ratio Lower Upper  
 119 100  
 134 25.5 12.9 38.7  
 91 25.2 12.4 37.2

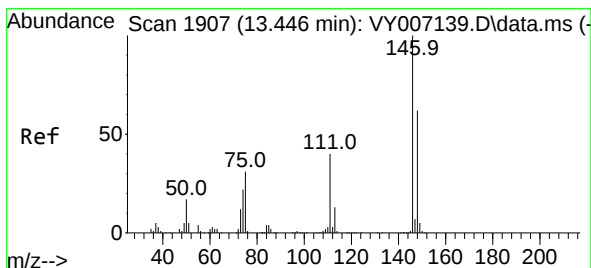
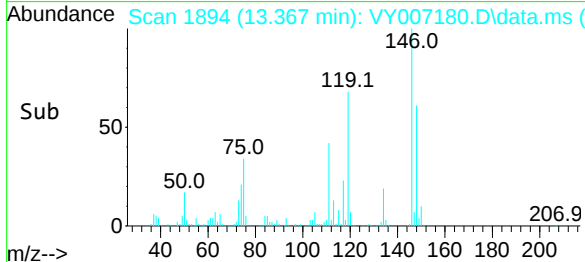
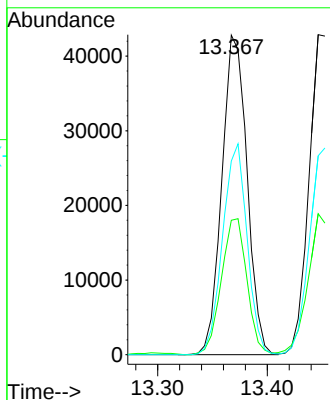
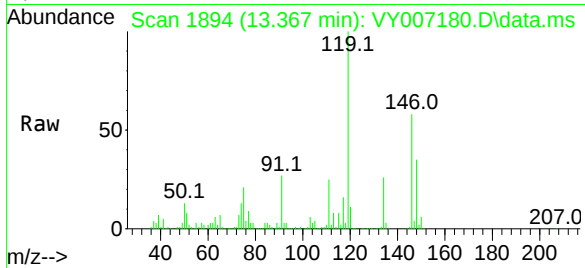




#87  
 1,3-Dichlorobenzene  
 Concen: 19.041 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY007180.D  
 Acq: 17 Jan 2022 11:05

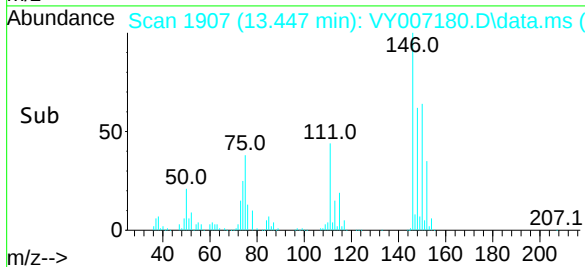
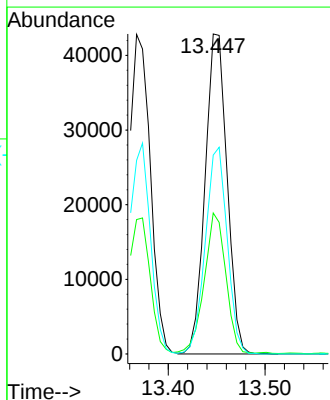
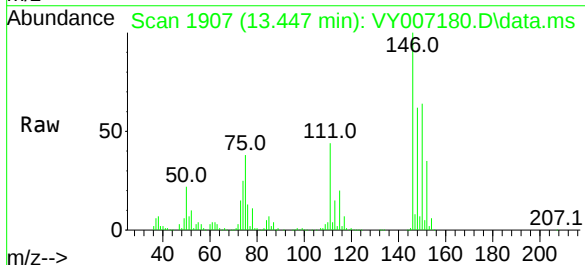
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0117SBS01

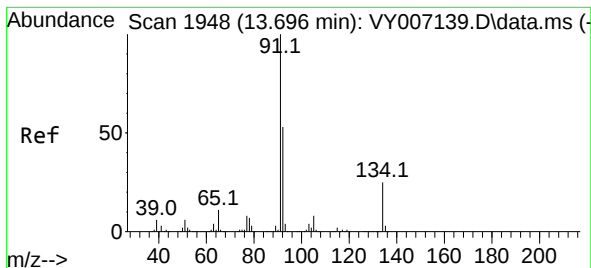
Tgt Ion:146 Resp: 68235  
 Ion Ratio Lower Upper  
 146 100  
 111 43.2 21.1 63.1  
 148 64.3 31.9 95.7



#88  
 1,4-Dichlorobenzene  
 Concen: 18.800 ug/l  
 RT: 13.447 min Scan# 1907  
 Delta R.T. 0.000 min  
 Lab File: VY007180.D  
 Acq: 17 Jan 2022 11:05

Tgt Ion:146 Resp: 67743  
 Ion Ratio Lower Upper  
 146 100  
 111 43.1 20.7 62.1  
 148 64.3 32.0 96.2





#89

n-Butylbenzene

Concen: 19.233 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VY0117SBS01

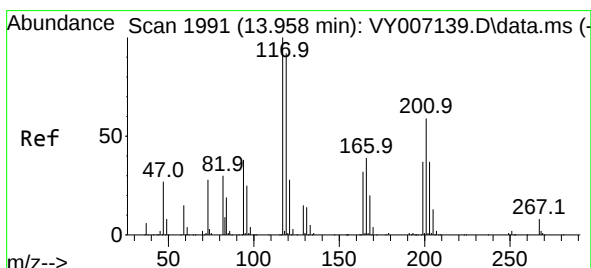
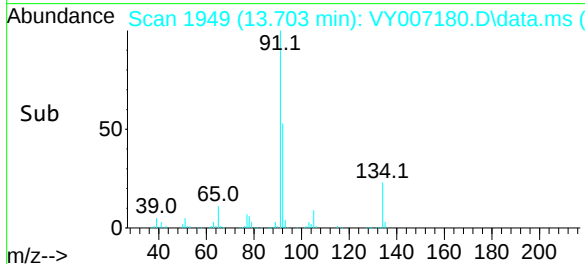
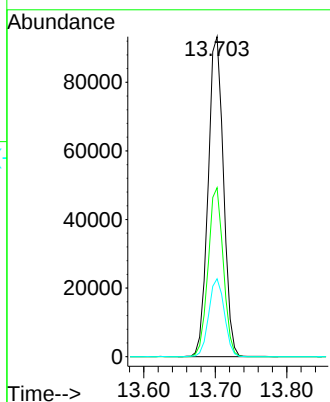
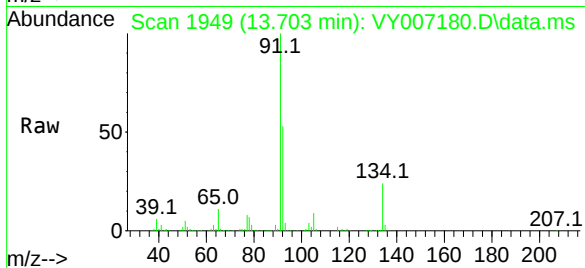
Tgt Ion: 91 Resp: 138981

Ion Ratio Lower Upper

91 100

92 52.2 26.9 80.6

134 24.8 12.6 37.6



#90

Hexachloroethane

Concen: 19.608 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.007 min

Lab File: VY007180.D

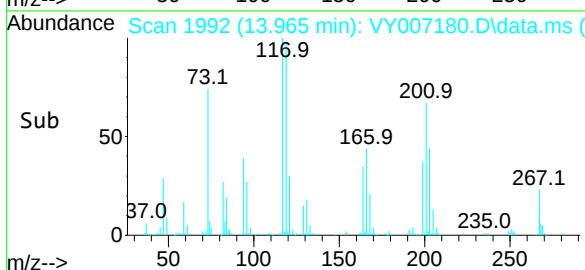
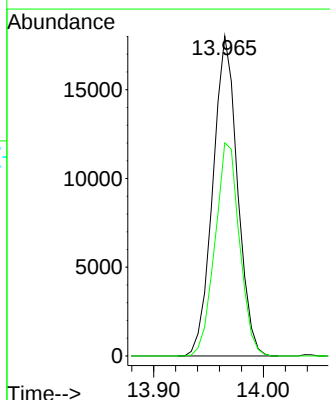
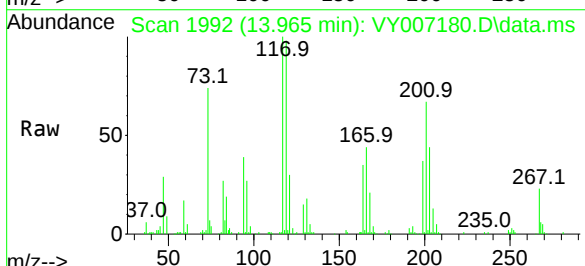
Acq: 17 Jan 2022 11:05

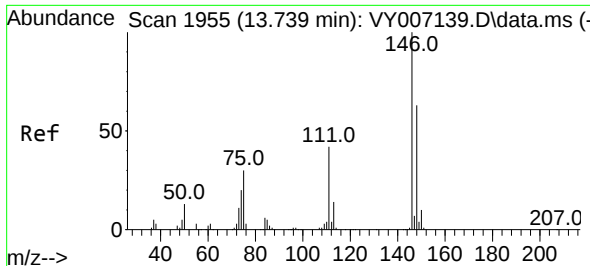
Tgt Ion: 117 Resp: 28133

Ion Ratio Lower Upper

117 100

201 66.3 33.6 100.6





#91

1,2-Dichlorobenzene

Concen: 18.720 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.007 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VY0117SBS01

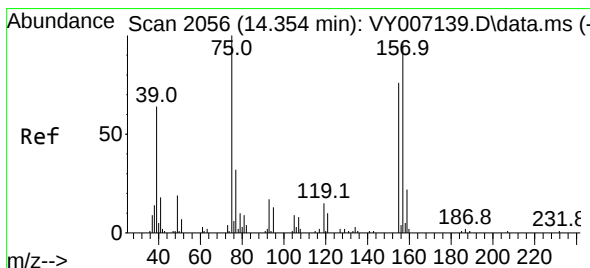
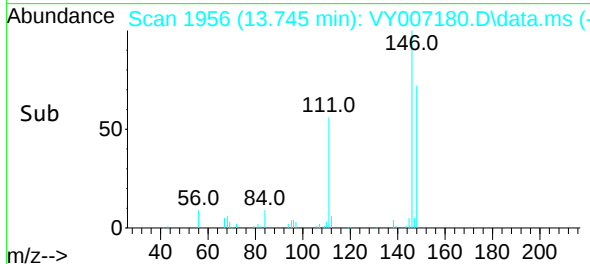
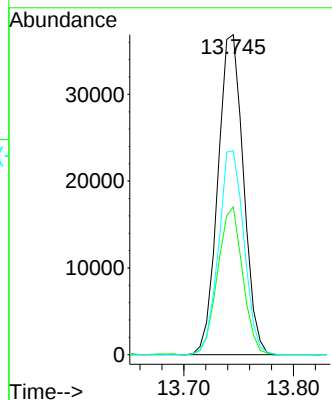
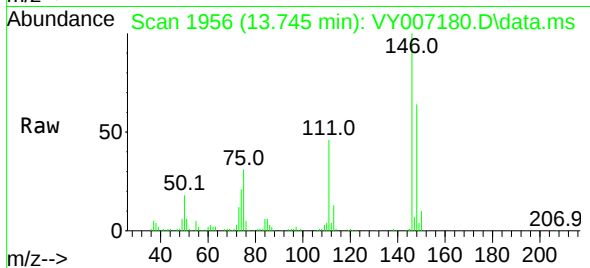
Tgt Ion:146 Resp: 59689

Ion Ratio Lower Upper

146 100

111 45.2 21.4 64.3

148 63.4 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.186 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.007 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

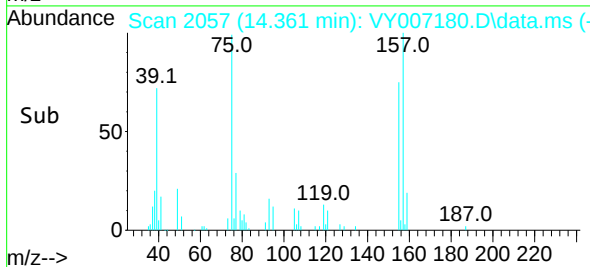
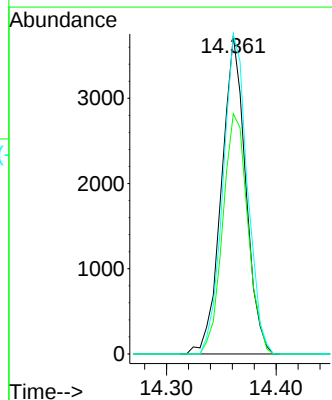
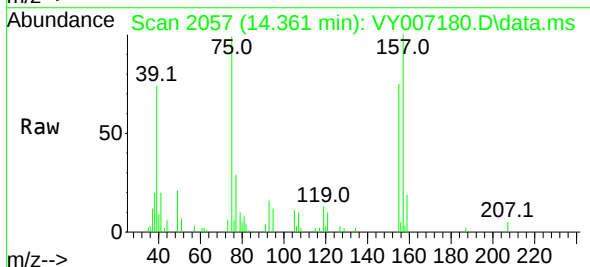
Tgt Ion: 75 Resp: 5704

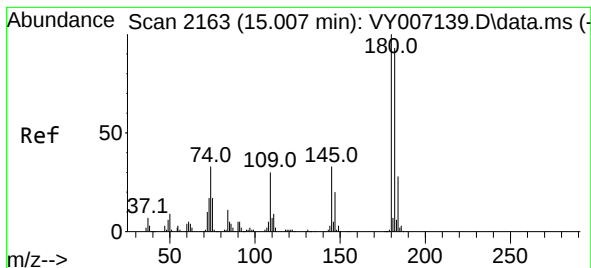
Ion Ratio Lower Upper

75 100

155 78.1 40.1 120.2

157 101.5 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 18.151 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.007 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VY0117SBS01

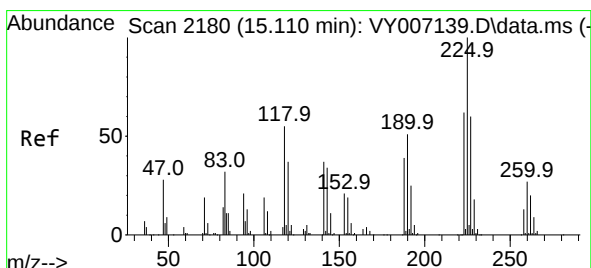
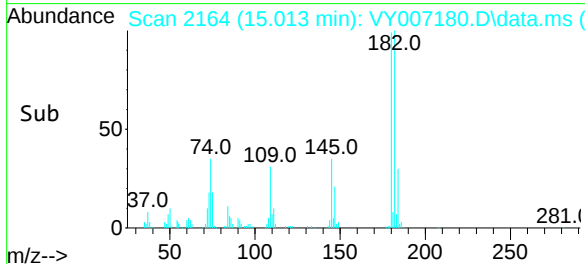
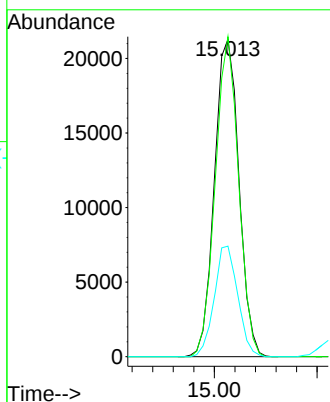
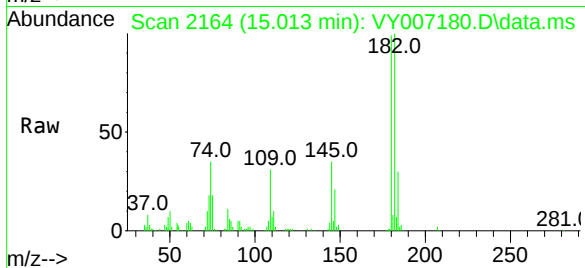
Tgt Ion:180 Resp: 35194

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.8

145 33.4 16.4 49.1



#94

Hexachlorobutadiene

Concen: 19.175 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.007 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

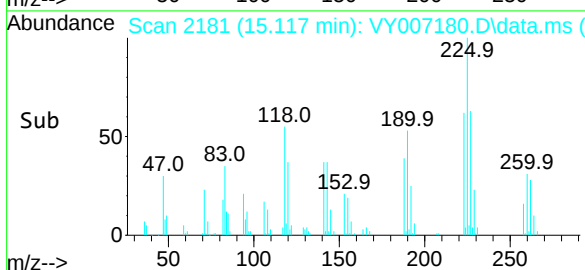
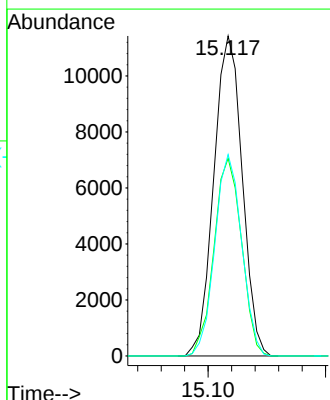
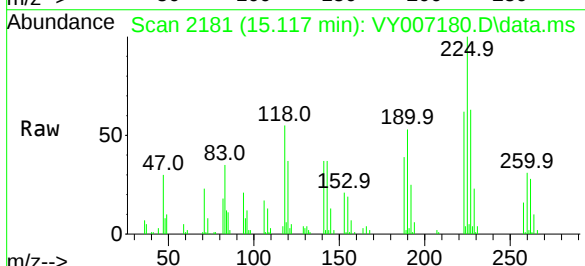
Tgt Ion:225 Resp: 19161

Ion Ratio Lower Upper

225 100

223 59.9 32.6 97.8

227 59.6 32.0 96.2





#95

Naphthalene

Concen: 18.764 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VY0117SBS01

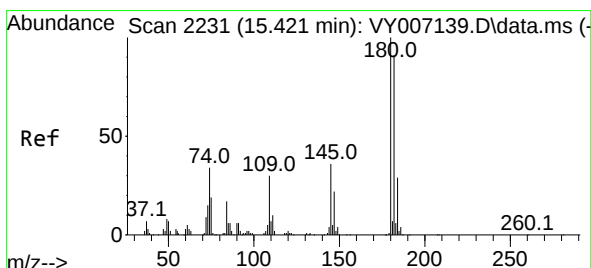
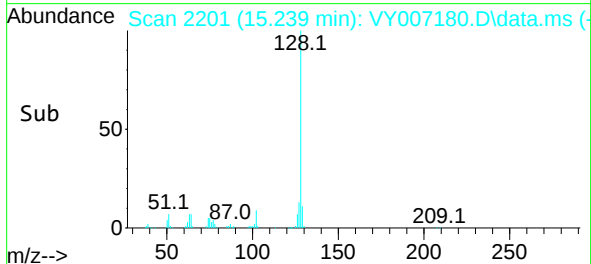
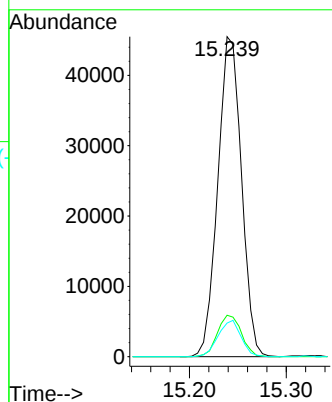
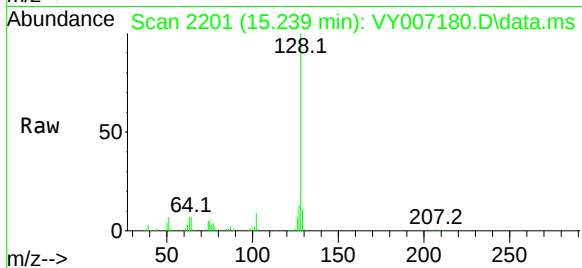
Tgt Ion:128 Resp: 77275

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.352 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.007 min

Lab File: VY007180.D

Acq: 17 Jan 2022 11:05

Tgt Ion:180 Resp: 30357

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 35.0 17.2 51.5

