

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111521\  
 Data File : VY006737.D  
 Acq On : 15 Nov 2021 17:48  
 Operator : SY/MD  
 Sample : VY1115SBS01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1115SBS01

Quant Time: Nov 16 04:22:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111521S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 16 04:20:03 2021  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.795  | 168   | 136240   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.697  | 114   | 220299   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.495 | 117   | 199286   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 97458    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.148  | 65    | 89665    | 50.216   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 100.440% |
| 35) Dibromofluoromethane     | 7.728  | 113   | 65558    | 48.448   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 96.900%  |
| 50) Toluene-d8               | 10.185 | 98    | 270366   | 48.283   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 96.560%  |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 91261    | 48.344   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 96.680%  |
| Target Compounds             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.912  | 85    | 27044    | 20.670   | ug/l   | 95       |
| 3) Chloromethane             | 2.119  | 50    | 43195    | 21.945   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.259  | 62    | 43663    | 21.850   | ug/l   | 98       |
| 5) Bromomethane              | 2.649  | 94    | 24511    | 23.019   | ug/l   | 96       |
| 6) Chloroethane              | 2.796  | 64    | 24345    | 19.913   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.137  | 101   | 52580    | 20.995   | ug/l   | 99       |
| 8) Diethyl Ether             | 3.533  | 74    | 18454    | 22.125   | ug/l   | 92       |
| 9) 1,1,2-Trichlorotrifluo... | 3.911  | 101   | 28104    | 21.130   | ug/l   | 96       |
| 10) Methyl Iodide            | 4.100  | 142   | 37971    | 22.838   | ug/l   | 96       |
| 11) Tert butyl alcohol       | 4.960  | 59    | 28031    | 104.386  | ug/l # | 91       |
| 12) 1,1-Dichloroethene       | 3.887  | 96    | 28143    | 21.334   | ug/l   | 97       |
| 13) Acrolein                 | 3.735  | 56    | 5135     | 136.697  | ug/l   | 96       |
| 14) Allyl chloride           | 4.491  | 41    | 64938    | 21.855   | ug/l   | 96       |
| 15) Acrylonitrile            | 5.167  | 53    | 52927    | 110.016  | ug/l   | 99       |
| 16) Acetone                  | 3.954  | 43    | 52145    | 96.118   | ug/l   | 98       |
| 17) Carbon Disulfide         | 4.210  | 76    | 97250    | 20.885   | ug/l   | 99       |
| 18) Methyl Acetate           | 4.485  | 43    | 41615    | 23.696   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.234  | 73    | 89253    | 21.465   | ug/l   | 96       |
| 20) Methylene Chloride       | 4.728  | 84    | 35485    | 19.857   | ug/l   | 92       |
| 21) trans-1,2-Dichloroethene | 5.228  | 96    | 32145    | 21.330   | ug/l   | 95       |
| 22) Diisopropyl ether        | 6.124  | 45    | 131231   | 22.384   | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.070  | 43    | 391601   | 110.616  | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.027  | 63    | 64106    | 21.423   | ug/l   | 98       |
| 25) 2-Butanone               | 6.996  | 43    | 75155    | 102.390  | ug/l   | 94       |
| 26) 2,2-Dichloropropane      | 6.990  | 77    | 56343    | 20.837   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 6.996  | 96    | 35926    | 21.108   | ug/l   | 93       |
| 28) Bromochloromethane       | 7.344  | 49    | 29789    | 21.163   | ug/l   | 86       |
| 29) Tetrahydrofuran          | 7.356  | 42    | 50501    | 112.171  | ug/l   | 93       |
| 30) Chloroform               | 7.514  | 83    | 61693    | 21.446   | ug/l   | 98       |
| 31) Cyclohexane              | 7.789  | 56    | 65393    | 20.837   | ug/l   | 96       |
| 32) 1,1,1-Trichloroethane    | 7.710  | 97    | 54669    | 20.621   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 7.923  | 75    | 49209    | 20.550   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.082  | 43    | 34236    | 21.384   | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 7.911  | 117   | 49123    | 20.057   | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.191  | 83    | 57466    | 19.678   | ug/l   | 96       |
| 40) Benzene                  | 8.167  | 78    | 139204   | 20.650   | ug/l   | 99       |

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 Sample : VY1115SBS01  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1115SBS01

Quant Time: Nov 16 04:22:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111521S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Nov 16 04:20:03 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.356  | 41   | 46674    | 34.721  | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.246  | 62   | 47450    | 21.128  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.277  | 43   | 62759    | 20.898  | ug/l   | 99       |
| 44) Trichloroethene           | 8.947  | 130  | 33468    | 20.409  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.221  | 63   | 36505    | 20.989  | ug/l   | 95       |
| 46) Dibromomethane            | 9.313  | 93   | 18827    | 20.784  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.502  | 83   | 47698    | 20.735  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.301  | 41   | 28708    | 20.176  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.307  | 88   | 4482     | 431.205 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.075 | 43   | 170862   | 108.010 | ug/l   | 98       |
| 52) Toluene                   | 10.246 | 92   | 83047    | 20.288  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.471 | 75   | 52291    | 20.912  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.935  | 75   | 58399    | 20.824  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 25536    | 21.116  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.514 | 69   | 40813    | 21.712  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.794 | 76   | 48104    | 21.799  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.788  | 63   | 102911   | 99.996  | ug/l   | 95       |
| 59) 2-Hexanone                | 10.837 | 43   | 117633   | 115.501 | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.989 | 129  | 30889    | 20.838  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.093 | 107  | 24444    | 21.817  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 29253    | 20.088  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.520 | 112  | 84824    | 20.921  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 30634    | 20.204  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.599 | 91   | 161644   | 21.033  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.709 | 106  | 121501   | 41.484  | ug/l   | 99       |
| 69) o-Xylene                  | 12.032 | 106  | 57817    | 20.838  | ug/l   | 96       |
| 70) Styrene                   | 12.050 | 104  | 96967    | 20.693  | ug/l   | 98       |
| 71) Bromoform                 | 12.215 | 173  | 20350    | 22.174  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.331 | 105  | 157806   | 21.263  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.148 | 43   | 44826    | 18.773  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.587 | 83   | 30552    | 22.249  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.635 | 75   | 43457    | 41.013  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 34879    | 20.636  | ug/l   | 92       |
| 78) n-propylbenzene           | 12.672 | 91   | 192480   | 21.274  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.757 | 91   | 107473   | 21.707  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene    | 12.818 | 105  | 128705   | 21.159  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.379 | 75   | 11045    | 20.655  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 111060   | 21.458  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.081 | 119  | 111134   | 21.036  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 129587   | 21.338  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.257 | 105  | 165954   | 21.093  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.373 | 119  | 137539   | 20.651  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 68582    | 20.374  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.452 | 146  | 67658    | 20.368  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.702 | 91   | 136419   | 21.707  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.965 | 117  | 24597    | 20.493  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 13.745 | 146  | 60376    | 20.812  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 5415     | 22.308  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 15.013 | 180  | 38567    | 20.321  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.117 | 225  | 24175    | 19.522  | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 73457    | 20.923  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 32122    | 20.312  | ug/l   | 99       |

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Operator : SY/MD  
Sample : VY1115SBS01  
Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 13 Sample Multiplier: 1

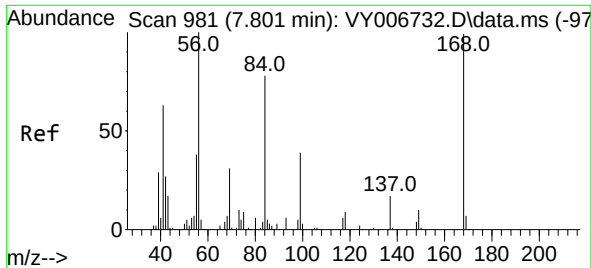
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

Quant Time: Nov 16 04:22:03 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111521S.M  
Quant Title : SW846 8260  
QLast Update : Tue Nov 16 04:20:03 2021  
Response via : Initial Calibration

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

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

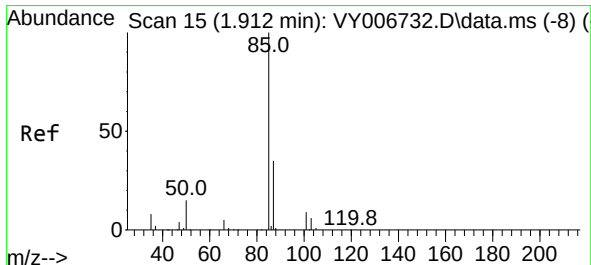
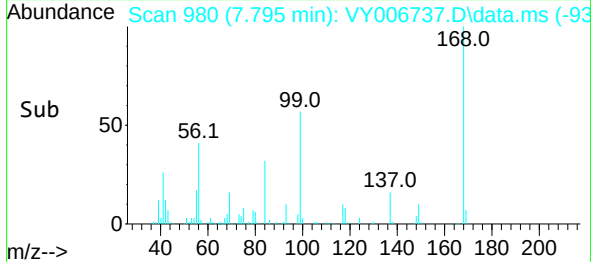
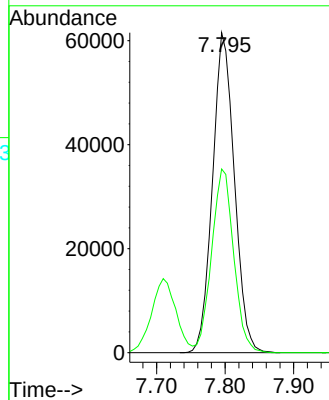
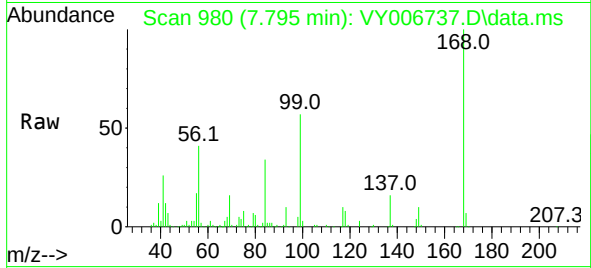




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 99  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

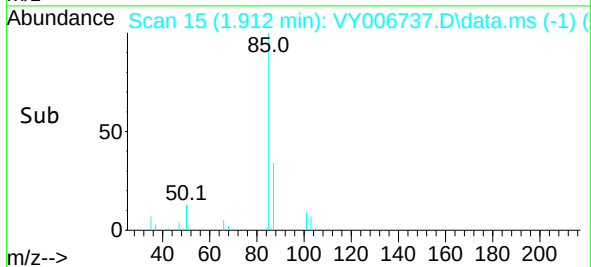
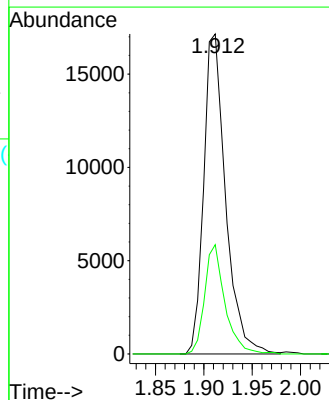
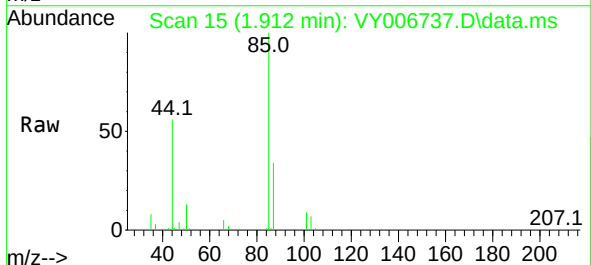
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

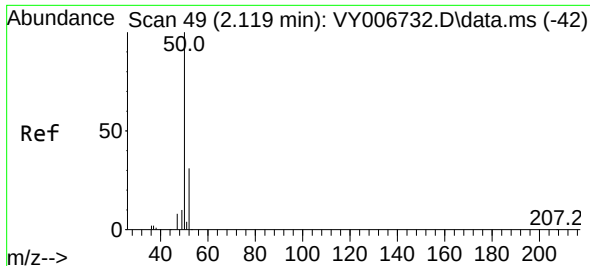
Tgt Ion:168 Resp: 136240  
Ion Ratio Lower Upper  
168 100  
99 57.4 44.8 67.2



#2  
Dichlorodifluoromethane  
Concen: 20.670 ug/l  
RT: 1.912 min Scan# 15  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 85 Resp: 27044  
Ion Ratio Lower Upper  
85 100  
87 34.1 15.8 47.3

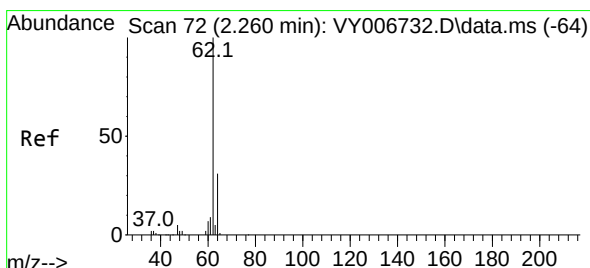
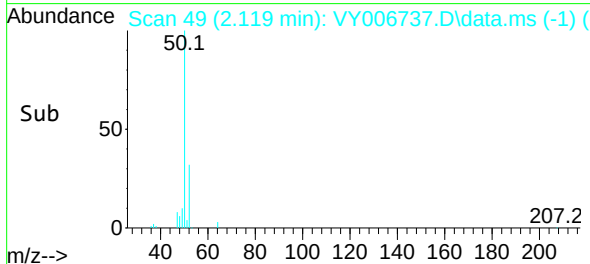
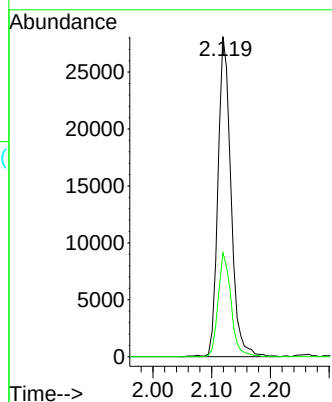
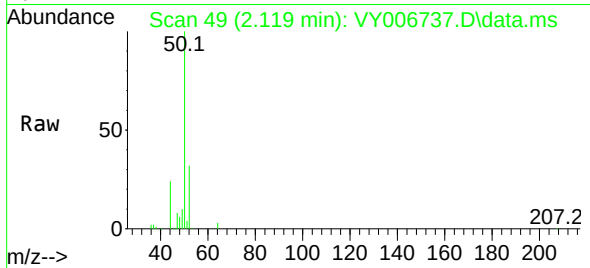




#3  
Chloromethane  
Concen: 21.945 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

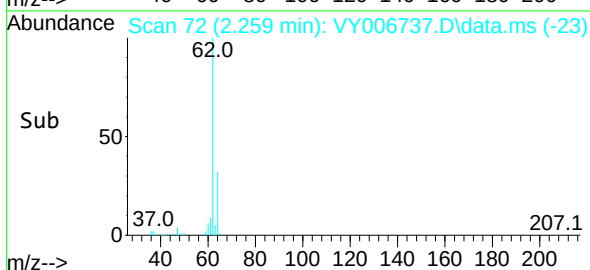
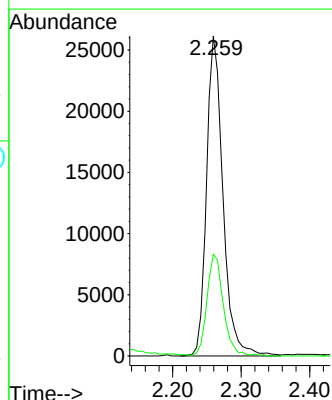
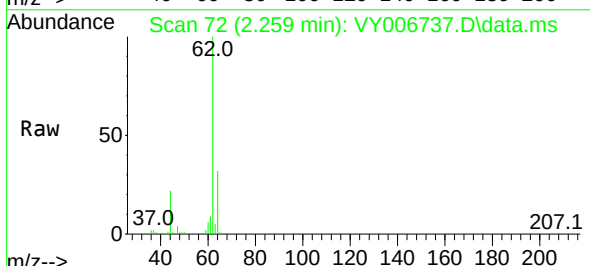
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

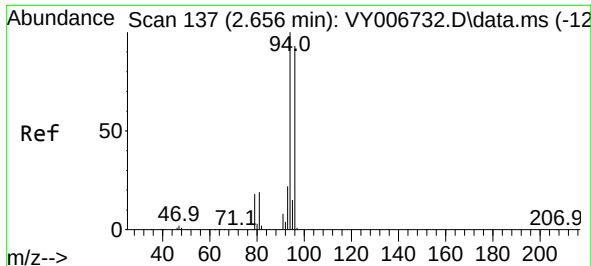
Tgt Ion: 50 Resp: 43195  
Ion Ratio Lower Upper  
50 100  
52 32.5 25.4 38.2



#4  
Vinyl Chloride  
Concen: 21.850 ug/l  
RT: 2.259 min Scan# 72  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 62 Resp: 43663  
Ion Ratio Lower Upper  
62 100  
64 31.7 24.7 37.1

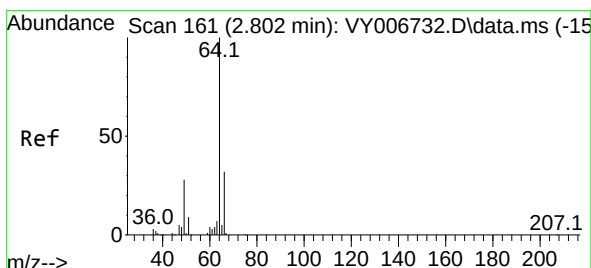
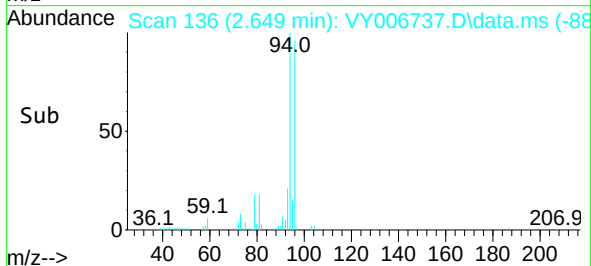
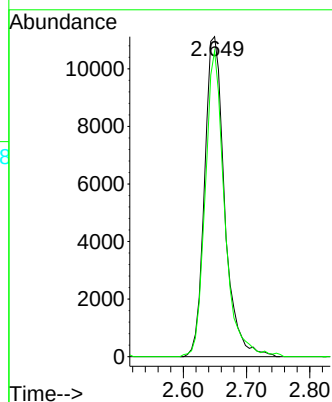
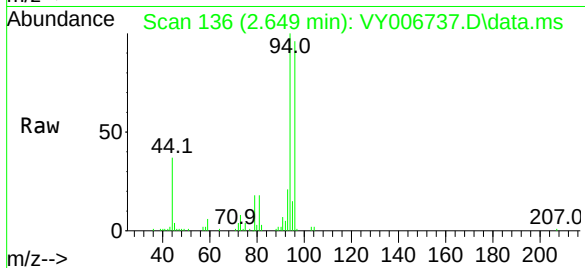




#5  
Bromomethane  
Concen: 23.019 ug/l  
RT: 2.649 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

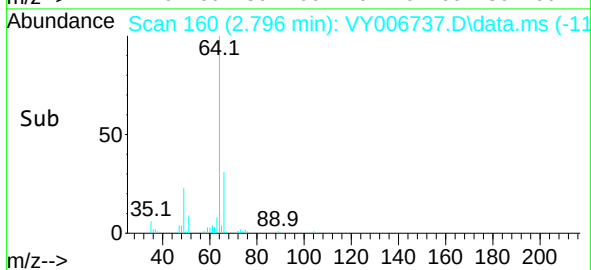
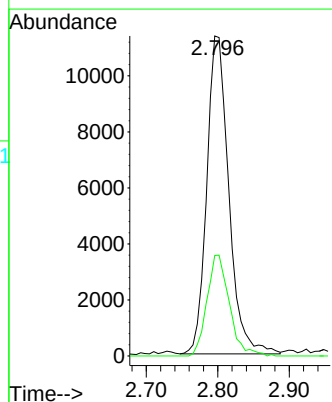
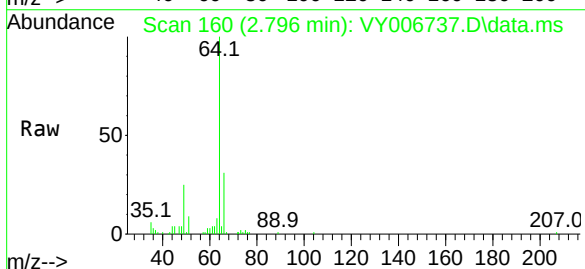
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

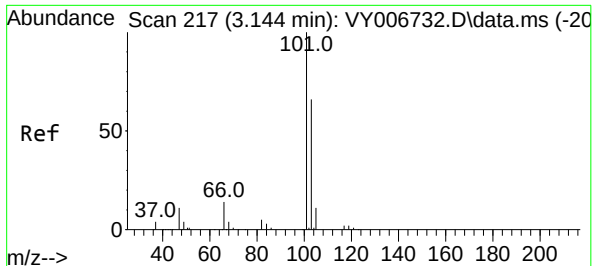
Tgt Ion: 94 Resp: 24511  
Ion Ratio Lower Upper  
94 100  
96 95.6 73.5 110.3



#6  
Chloroethane  
Concen: 19.913 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 64 Resp: 24345  
Ion Ratio Lower Upper  
64 100  
66 31.6 23.8 35.6

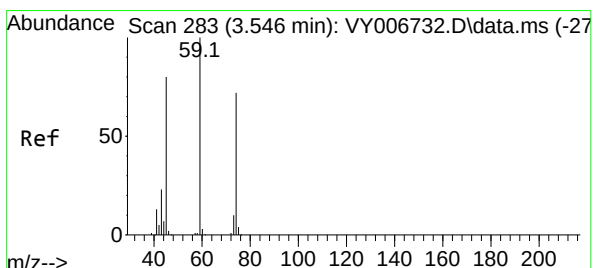
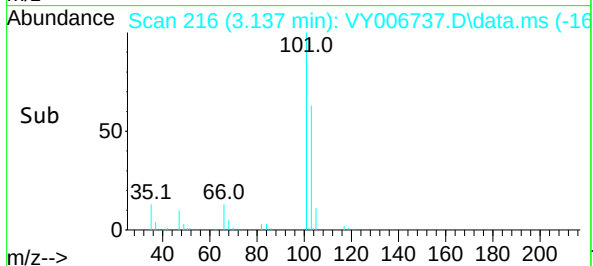
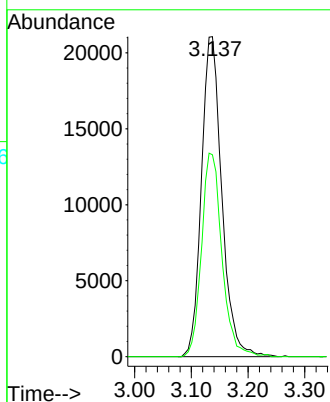
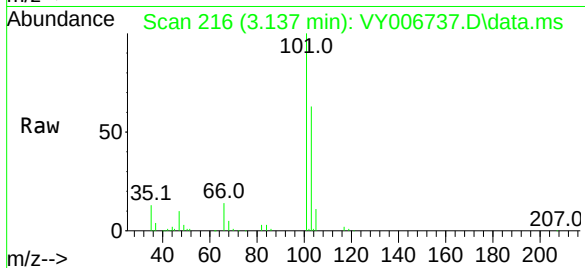




#7  
Trichlorofluoromethane  
Concen: 20.995 ug/l  
RT: 3.137 min Scan# 216  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

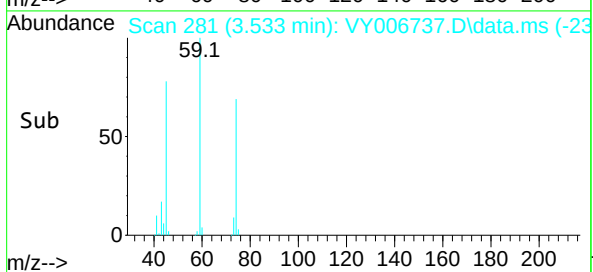
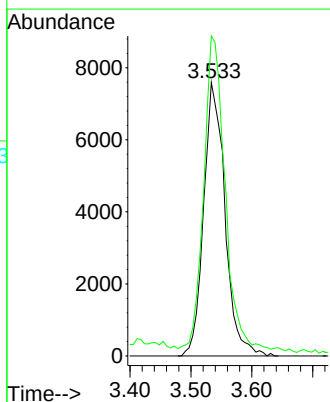
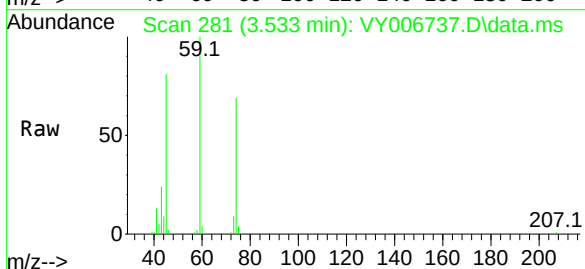
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

Tgt Ion:101 Resp: 52580  
Ion Ratio Lower Upper  
101 100  
103 63.1 50.2 75.2

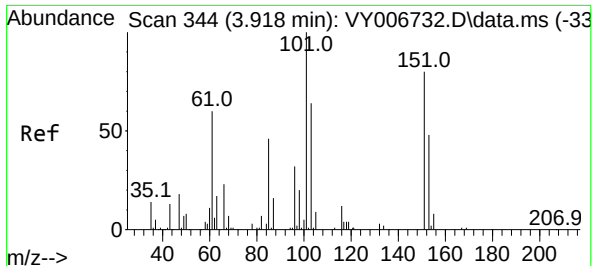


#8  
Diethyl Ether  
Concen: 22.125 ug/l  
RT: 3.533 min Scan# 281  
Delta R.T. -0.012 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 74 Resp: 18454  
Ion Ratio Lower Upper  
74 100  
45 113.2 52.8 158.3



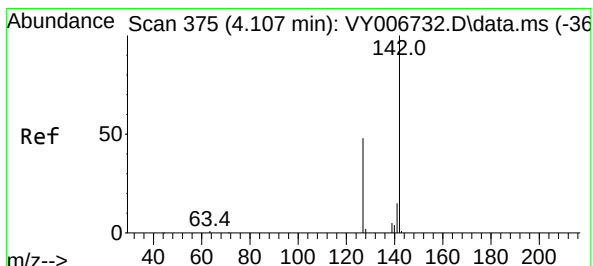
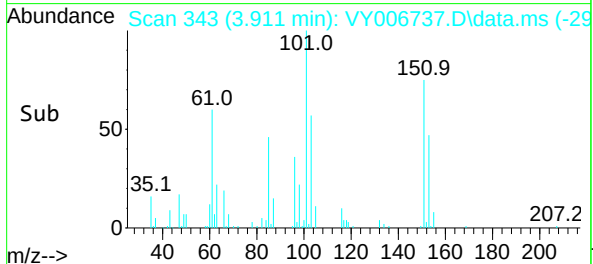
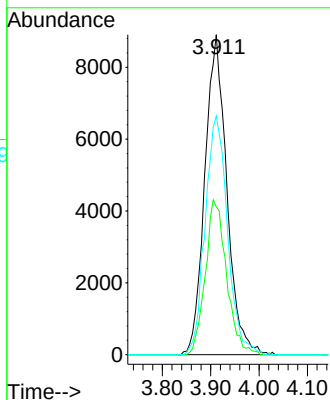
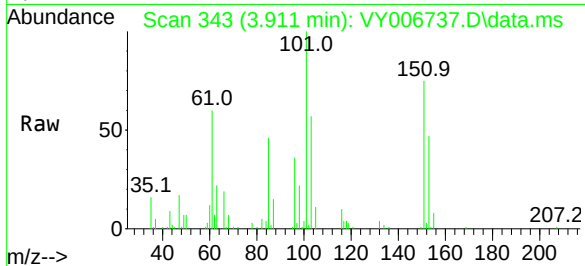




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.130 ug/l  
RT: 3.911 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

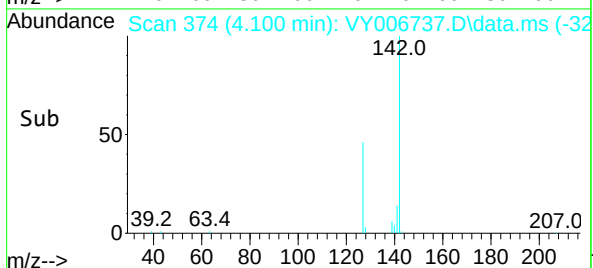
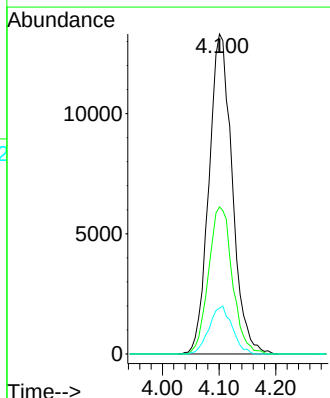
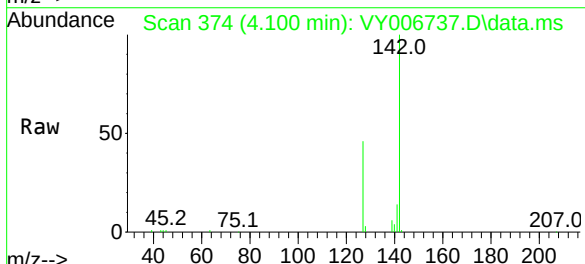
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

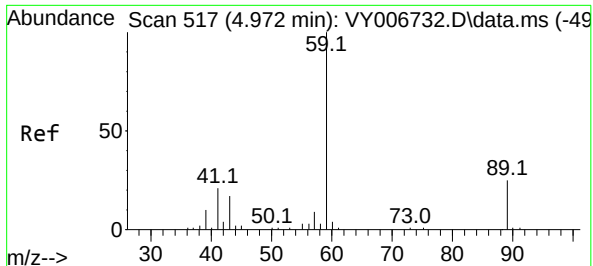
Tgt Ion:101 Resp: 28104  
Ion Ratio Lower Upper  
101 100  
85 46.7 38.6 57.8  
151 76.1 64.0 96.0



#10  
Methyl Iodide  
Concen: 22.838 ug/l  
RT: 4.100 min Scan# 374  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion:142 Resp: 37971  
Ion Ratio Lower Upper  
142 100  
127 47.1 40.1 60.1  
141 14.8 12.5 18.7

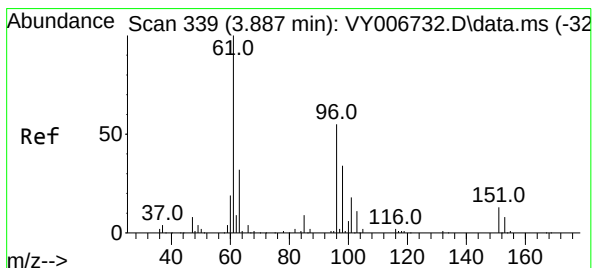
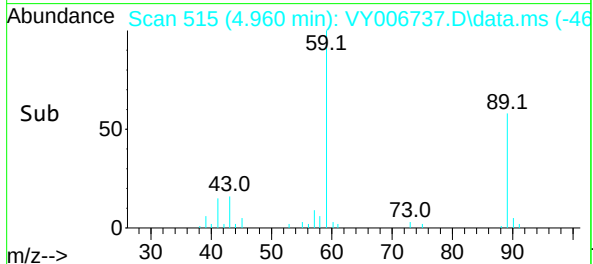
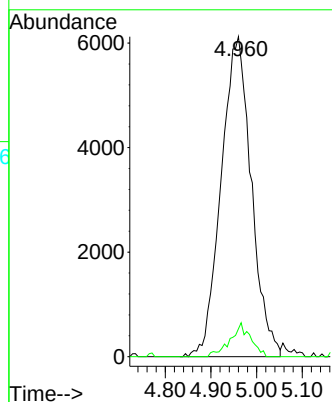
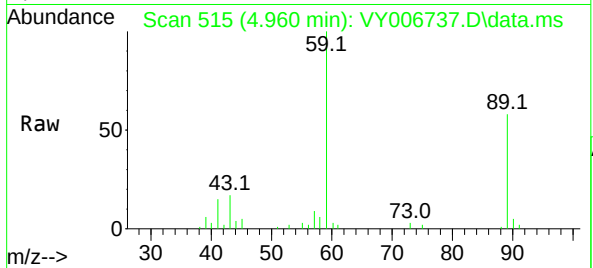




#11  
Tert butyl alcohol  
Concen: 104.386 ug/l  
RT: 4.960 min Scan# 511  
Delta R.T. -0.012 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

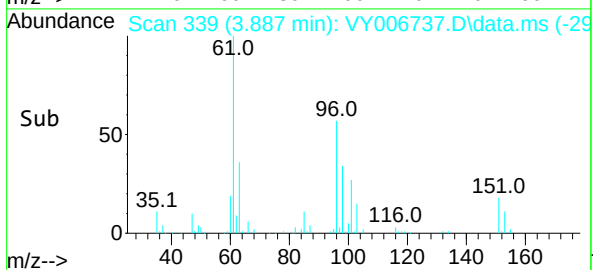
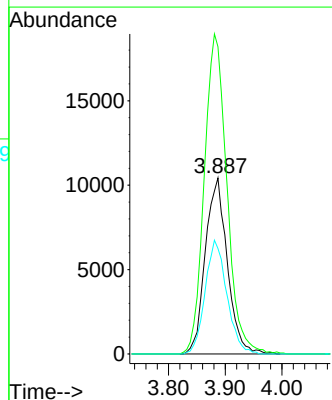
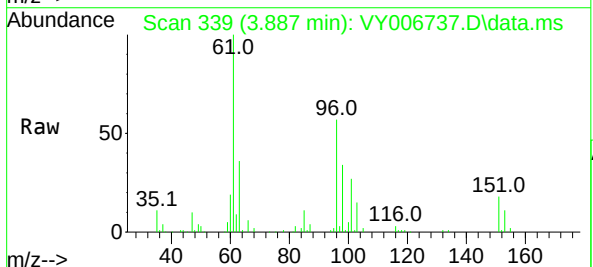
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

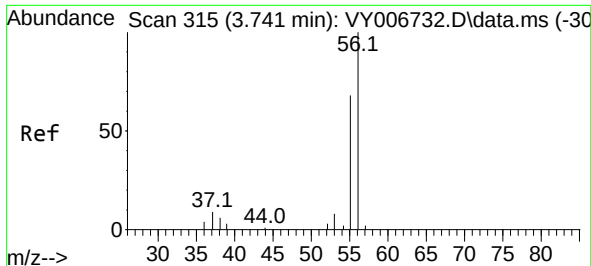
Tgt Ion: 59 Resp: 28031  
Ion Ratio Lower Upper  
59 100  
57 7.1 8.2 12.4#



#12  
1,1-Dichloroethene  
Concen: 21.334 ug/l  
RT: 3.887 min Scan# 339  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 96 Resp: 28143  
Ion Ratio Lower Upper  
96 100  
61 174.6 143.0 214.6  
98 59.9 50.5 75.7





#13

Acrolein

Concen: 136.697 ug/l

RT: 3.735 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

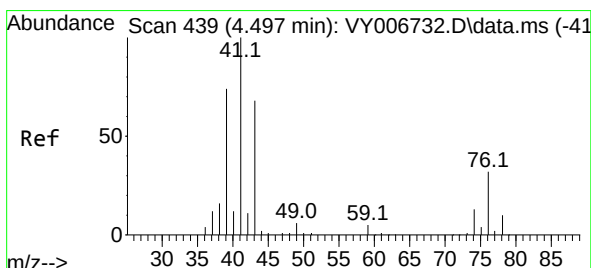
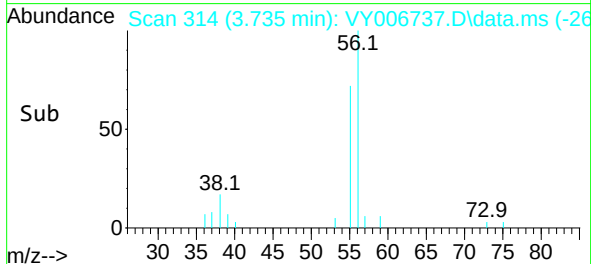
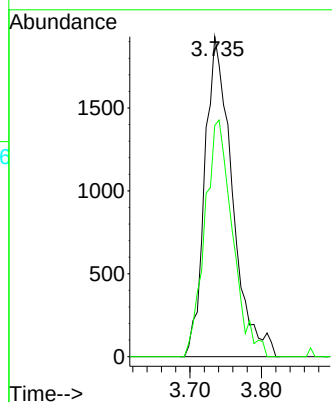
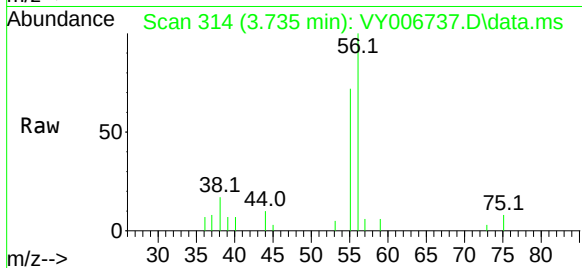
VY1115SBS01

Tgt Ion: 56 Resp: 5135

Ion Ratio Lower Upper

56 100

55 74.9 57.1 85.7



#14

Allyl chloride

Concen: 21.855 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

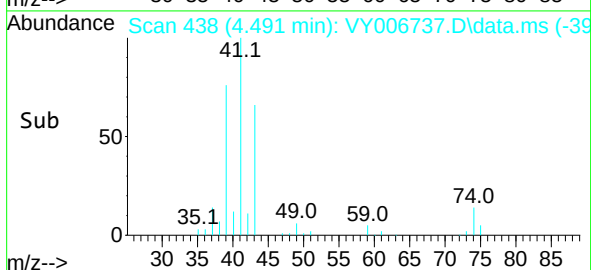
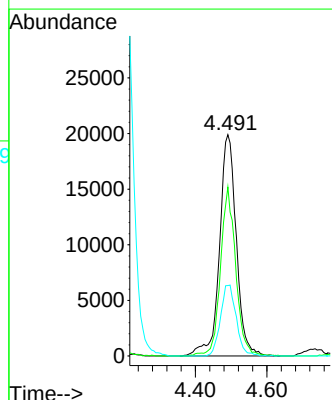
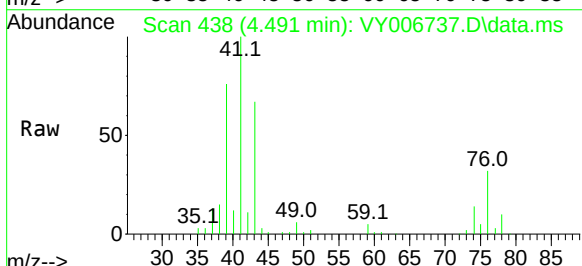
Tgt Ion: 41 Resp: 64938

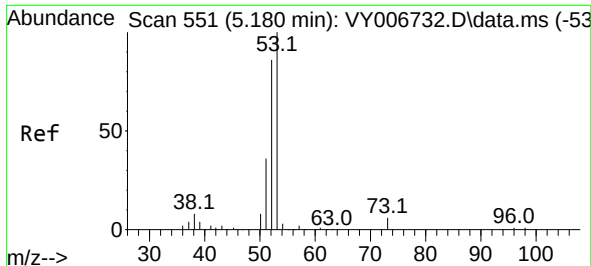
Ion Ratio Lower Upper

41 100

39 69.4 58.8 88.2

76 29.9 25.0 37.4

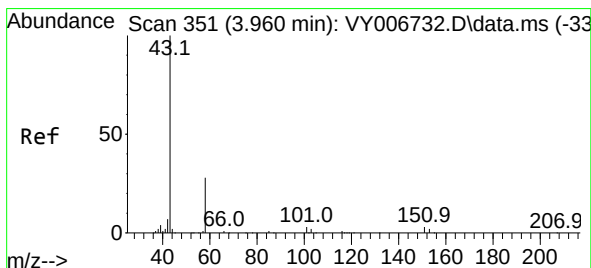
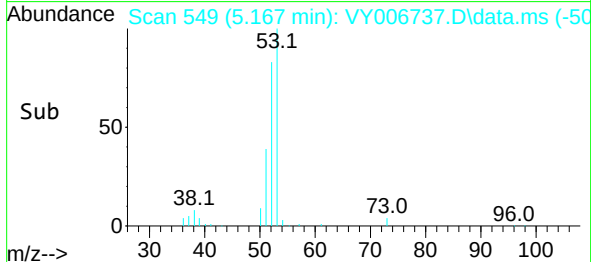
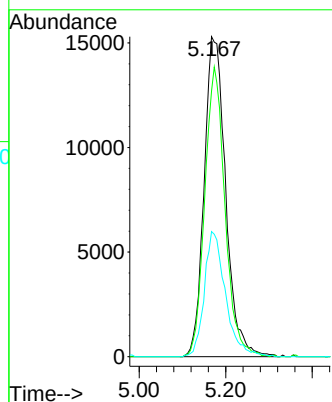
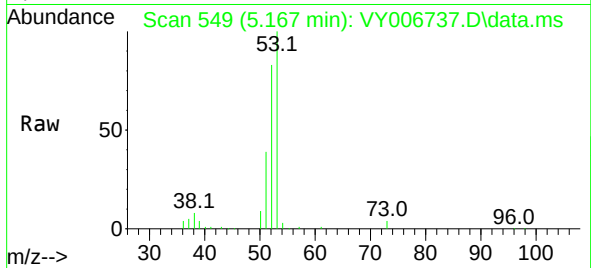




#15  
Acrylonitrile  
Concen: 110.016 ug/l  
RT: 5.167 min Scan# 54  
Delta R.T. -0.012 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

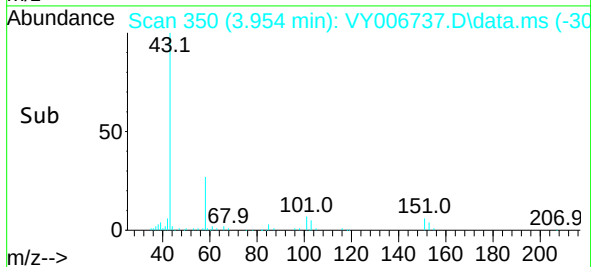
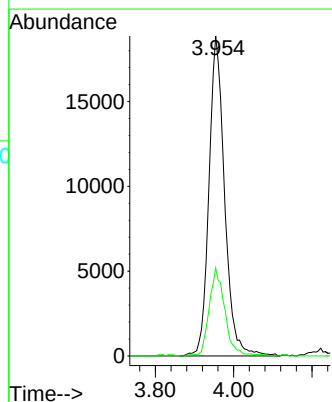
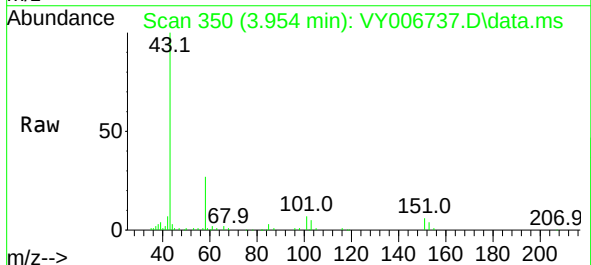
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

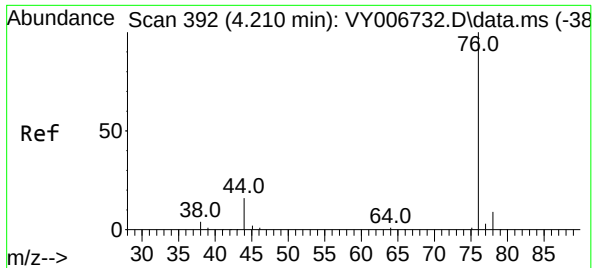
Tgt Ion: 53 Resp: 52927  
Ion Ratio Lower Upper  
53 100  
52 84.9 67.1 100.7  
51 38.5 30.0 45.0



#16  
Acetone  
Concen: 96.118 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 43 Resp: 52145  
Ion Ratio Lower Upper  
43 100  
58 27.5 22.9 34.3

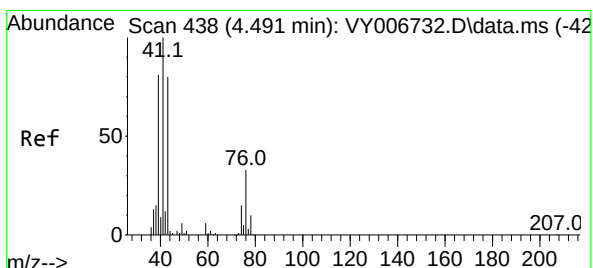
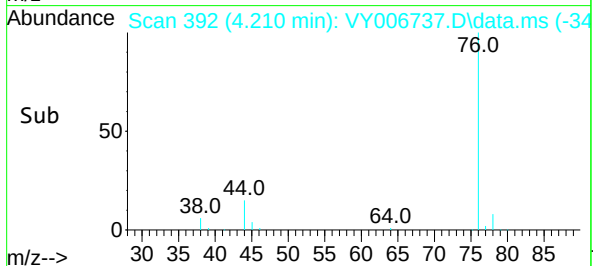
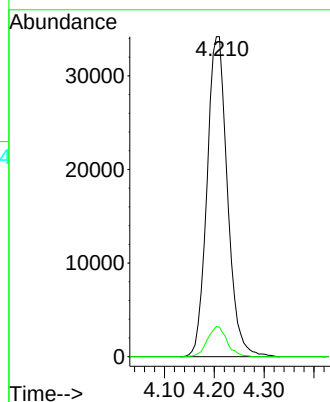
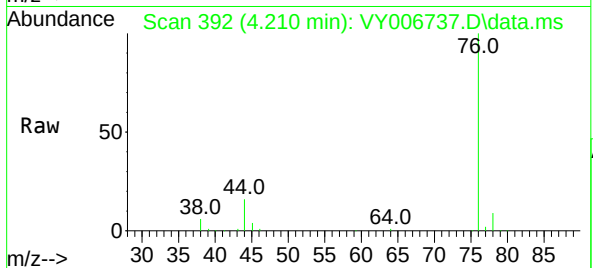




#17  
Carbon Disulfide  
Concen: 20.885 ug/l  
RT: 4.210 min Scan# 392  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

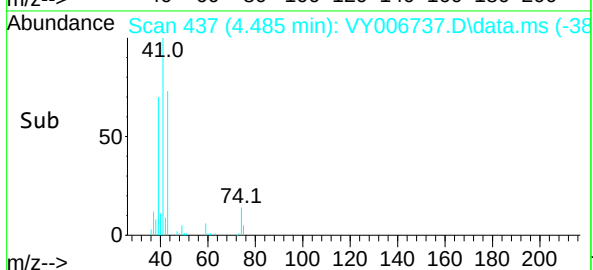
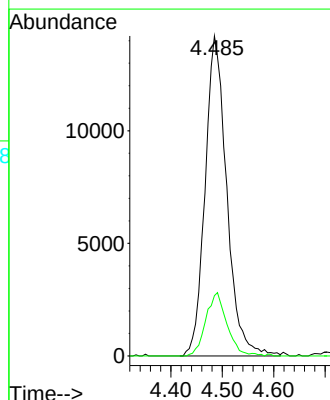
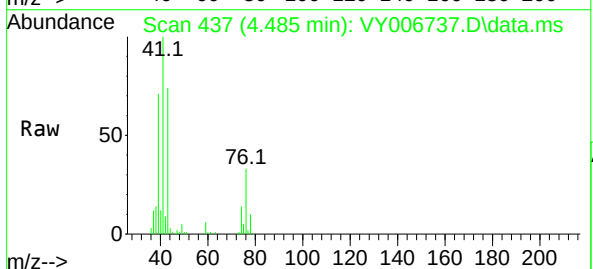
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

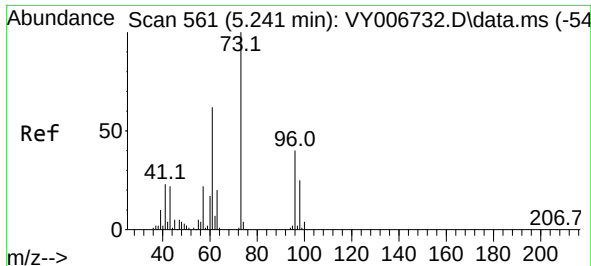
Tgt Ion: 76 Resp: 97250  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.1 10.7



#18  
Methyl Acetate  
Concen: 23.696 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 43 Resp: 41615  
Ion Ratio Lower Upper  
43 100  
74 19.4 16.6 25.0





#19

Methyl tert-butyl Ether

Concen: 21.465 ug/l

RT: 5.234 min Scan# 5

Delta R.T. -0.006 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

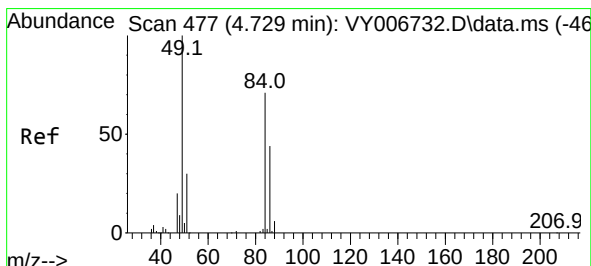
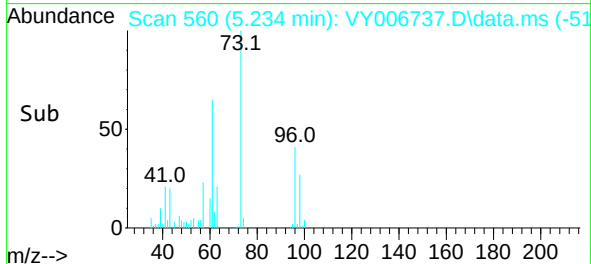
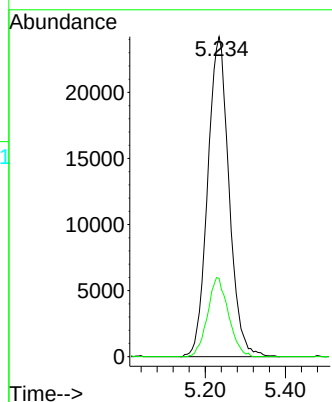
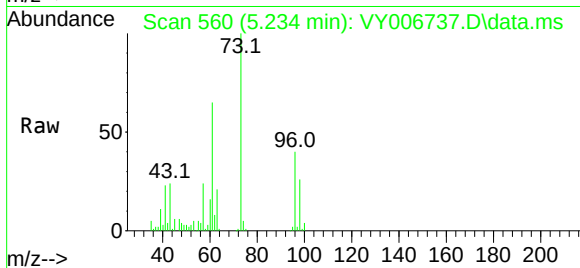
VY1115SBS01

Tgt Ion: 73 Resp: 89253

Ion Ratio Lower Upper

73 100

57 24.5 18.2 27.2



#20

Methylene Chloride

Concen: 19.857 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Tgt Ion: 84 Resp: 35485

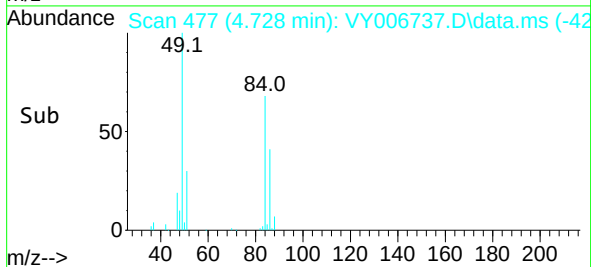
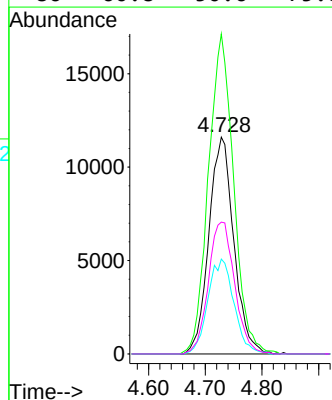
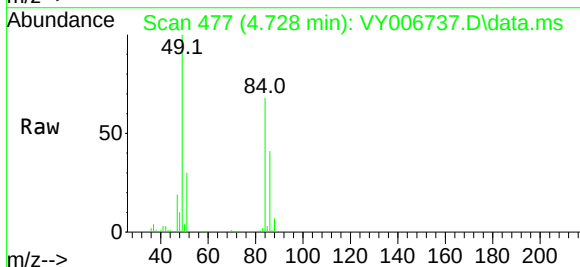
Ion Ratio Lower Upper

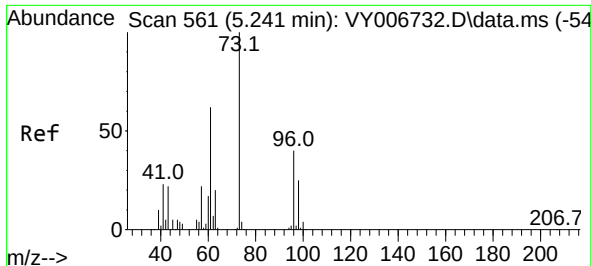
84 100

49 147.6 107.8 161.8

51 43.8 32.8 49.2

86 60.8 50.6 75.8

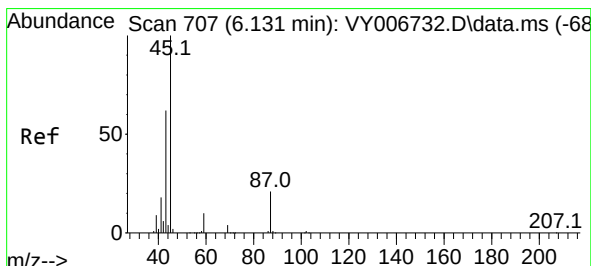
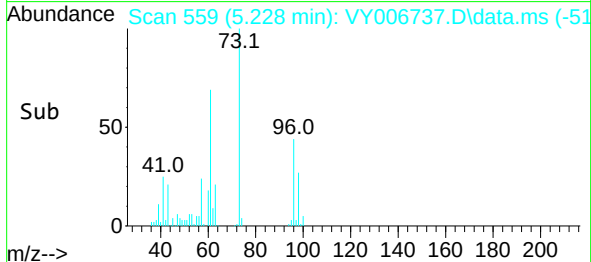
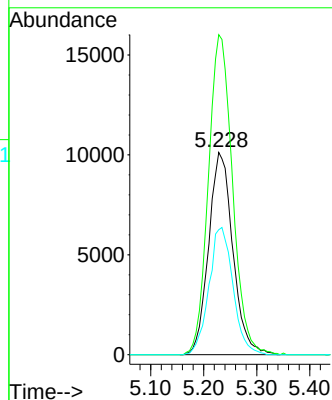
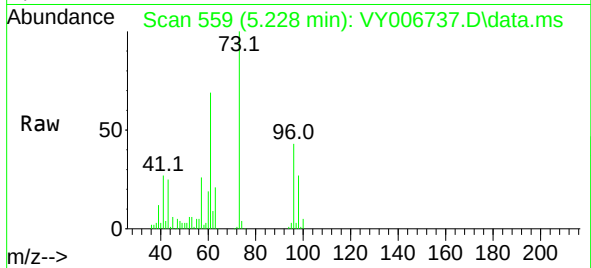




#21  
trans-1,2-Dichloroethene  
Concen: 21.330 ug/l  
RT: 5.228 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

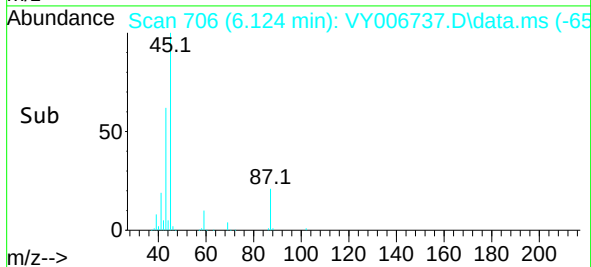
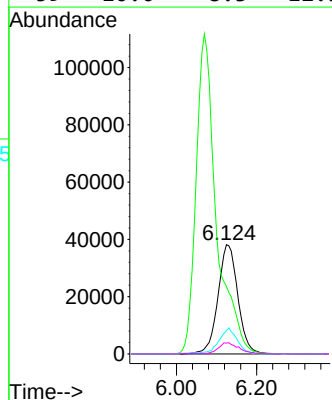
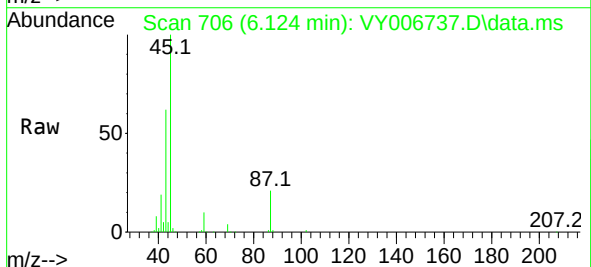
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

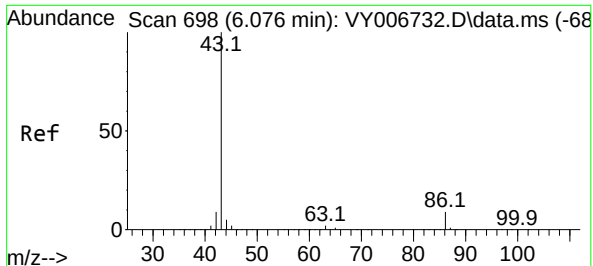
Tgt Ion: 96 Resp: 32145  
Ion Ratio Lower Upper  
96 100  
61 158.2 120.6 181.0  
98 61.8 51.3 76.9



#22  
Diisopropyl ether  
Concen: 22.384 ug/l  
RT: 6.124 min Scan# 706  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 45 Resp: 131231  
Ion Ratio Lower Upper  
45 100  
43 61.3 47.7 71.5  
87 21.4 20.1 30.1  
59 10.0 8.3 12.5

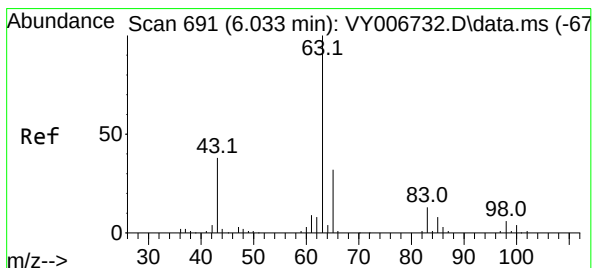
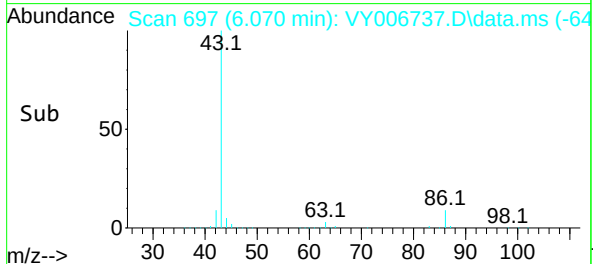
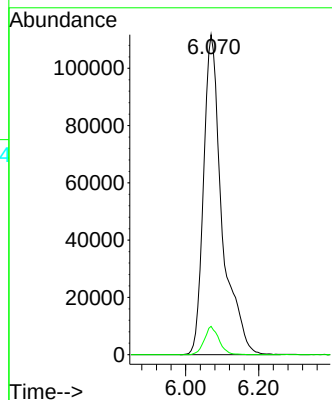
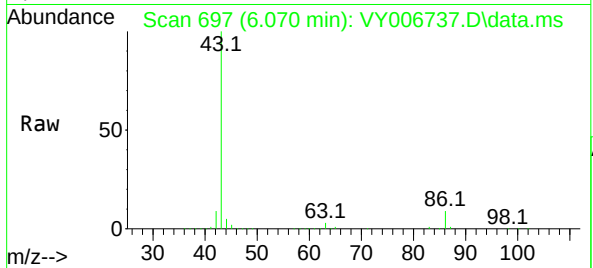




#23  
 Vinyl Acetate  
 Concen: 110.616 ug/l  
 RT: 6.070 min Scan# 698  
 Delta R.T. -0.006 min  
 Lab File: VY006737.D  
 Acq: 15 Nov 2021 17:48

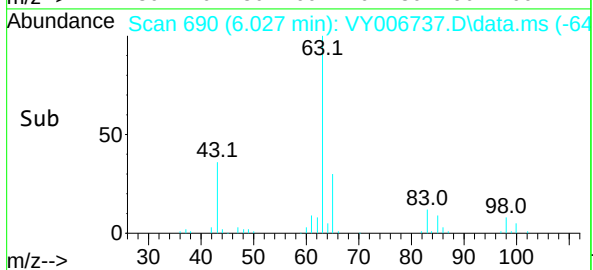
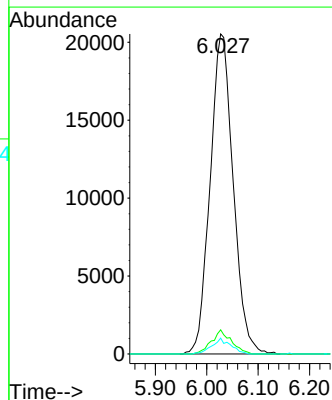
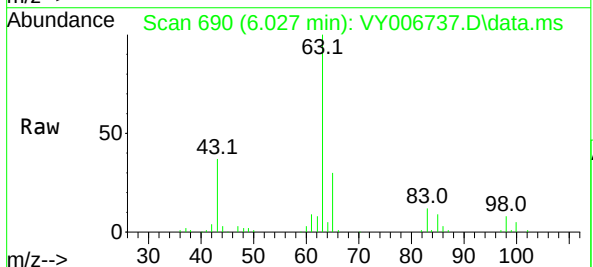
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1115SBS01

Tgt Ion: 43 Resp: 391601  
 Ion Ratio Lower Upper  
 43 100  
 86 8.8 7.3 10.9

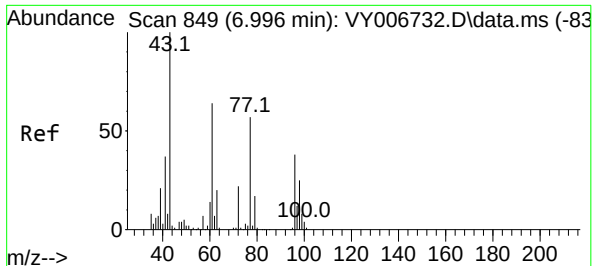


#24  
 1,1-Dichloroethane  
 Concen: 21.423 ug/l  
 RT: 6.027 min Scan# 690  
 Delta R.T. -0.006 min  
 Lab File: VY006737.D  
 Acq: 15 Nov 2021 17:48

Tgt Ion: 63 Resp: 64106  
 Ion Ratio Lower Upper  
 63 100  
 98 7.6 3.5 10.4  
 100 5.0 2.0 6.0







#25

2-Butanone

Concen: 102.390 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

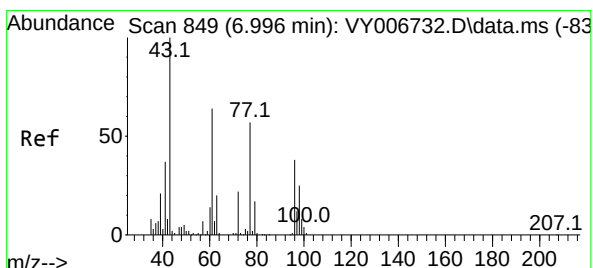
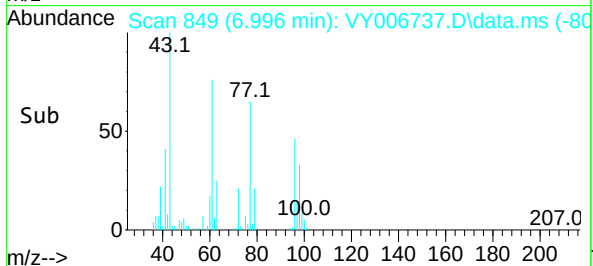
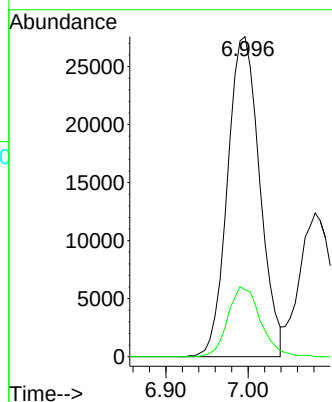
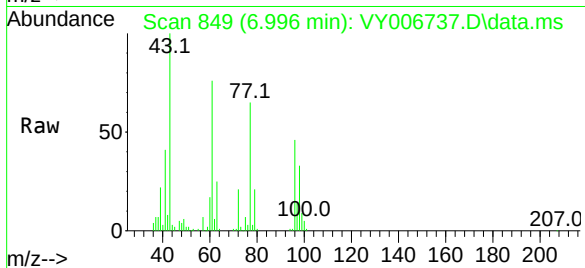
VY1115SBS01

Tgt Ion: 43 Resp: 75155

Ion Ratio Lower Upper

43 100

72 20.9 18.9 28.3



#26

2,2-Dichloropropane

Concen: 20.837 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY006737.D

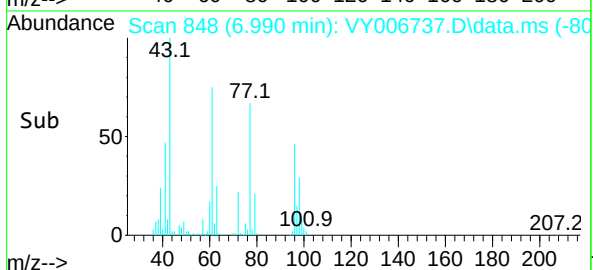
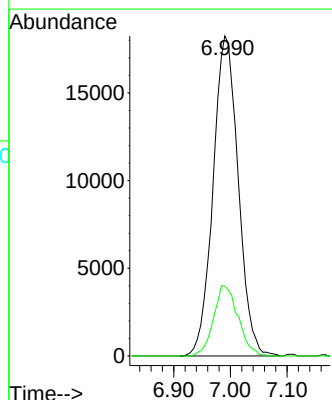
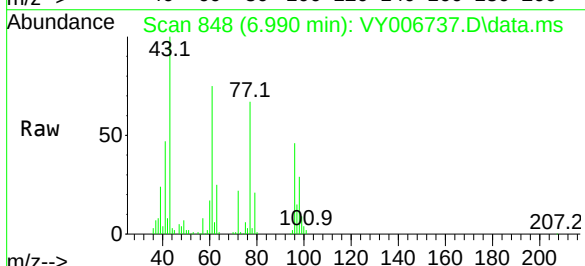
Acq: 15 Nov 2021 17:48

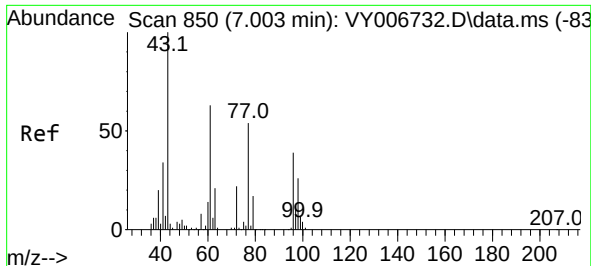
Tgt Ion: 77 Resp: 56343

Ion Ratio Lower Upper

77 100

97 21.4 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 21.108 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.007 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1115SBS01

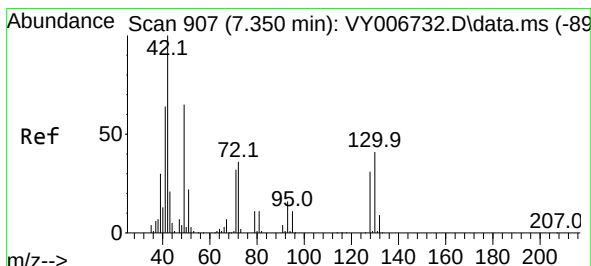
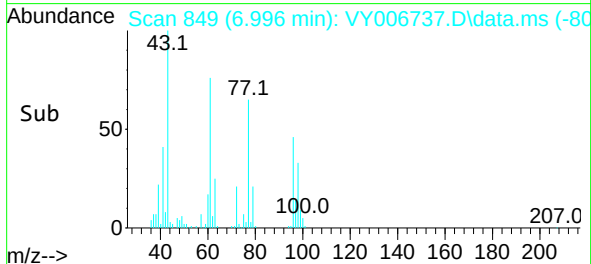
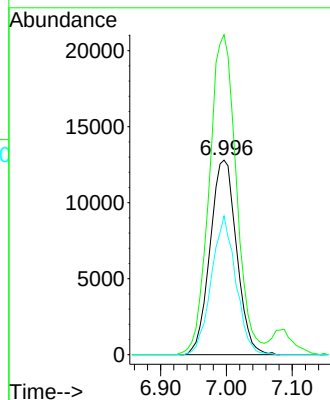
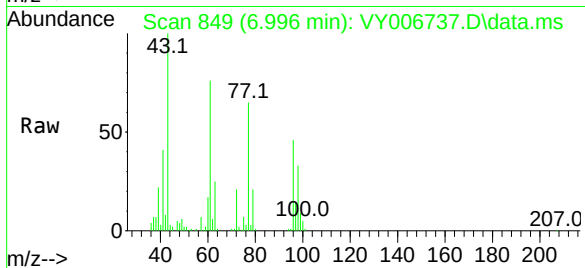
Tgt Ion: 96 Resp: 35926

Ion Ratio Lower Upper

96 100

61 168.0 0.0 314.0

98 65.6 0.0 127.8



#28

Bromochloromethane

Concen: 21.163 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

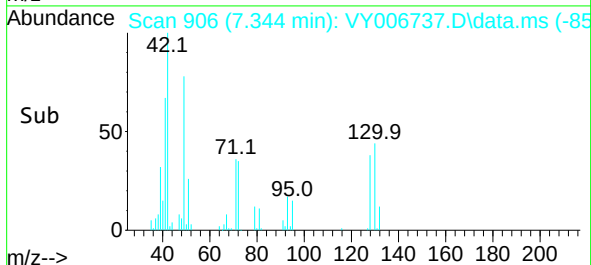
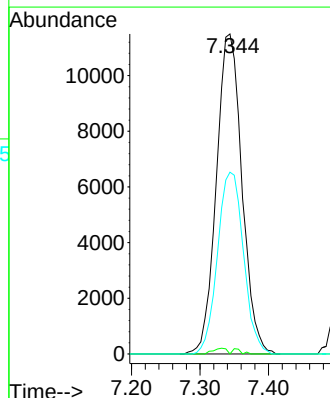
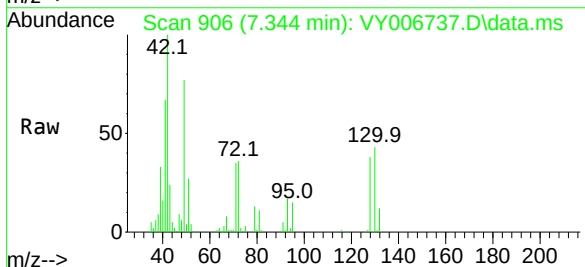
Tgt Ion: 49 Resp: 29789

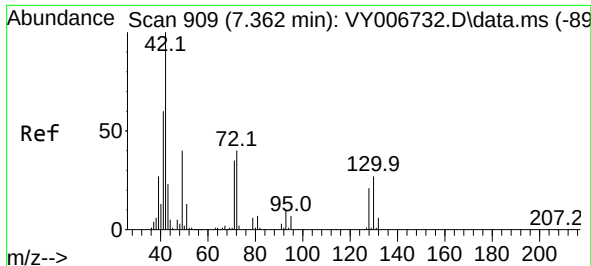
Ion Ratio Lower Upper

49 100

129 0.5 0.0 4.4

130 57.6 55.6 83.4





#29

Tetrahydrofuran

Concen: 112.171 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1115SBS01

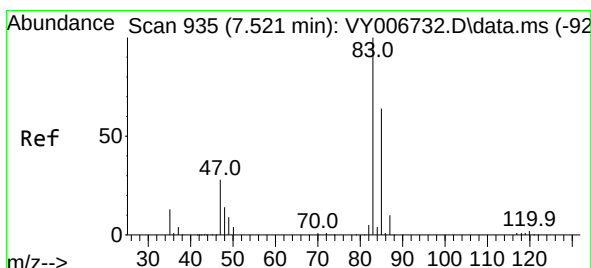
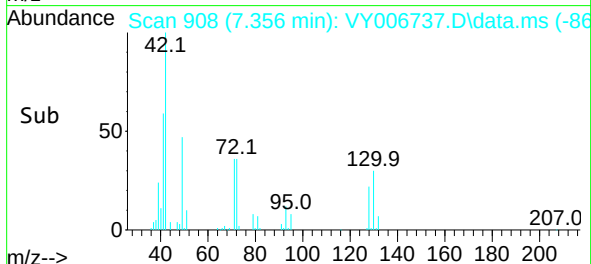
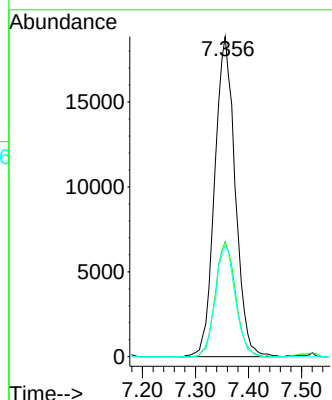
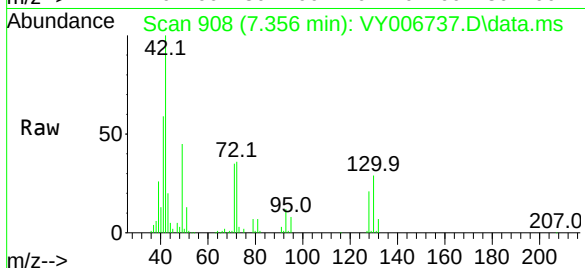
Tgt Ion: 42 Resp: 50501

Ion Ratio Lower Upper

42 100

72 35.5 32.0 48.0

71 34.0 30.3 45.5



#30

Chloroform

Concen: 21.446 ug/l

RT: 7.514 min Scan# 934

Delta R.T. -0.007 min

Lab File: VY006737.D

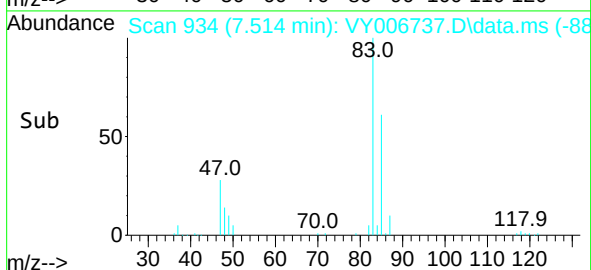
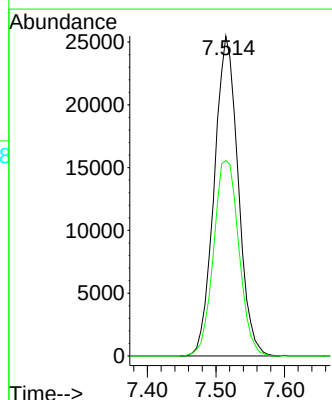
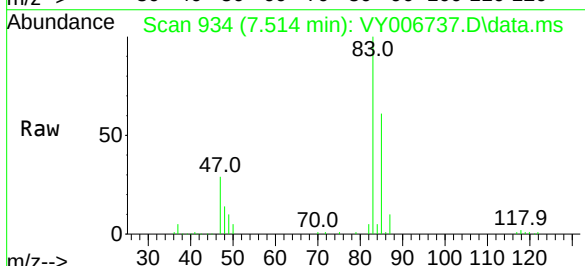
Acq: 15 Nov 2021 17:48

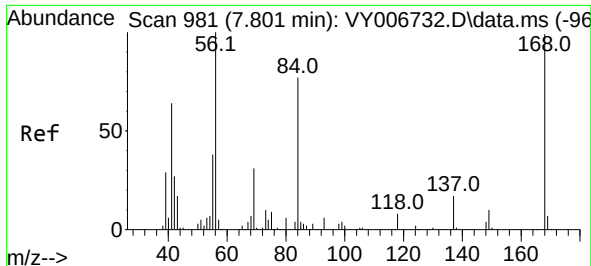
Tgt Ion: 83 Resp: 61693

Ion Ratio Lower Upper

83 100

85 61.1 50.2 75.4

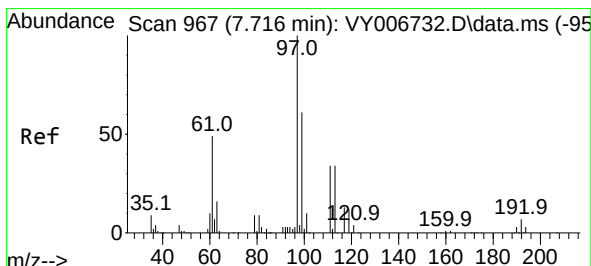
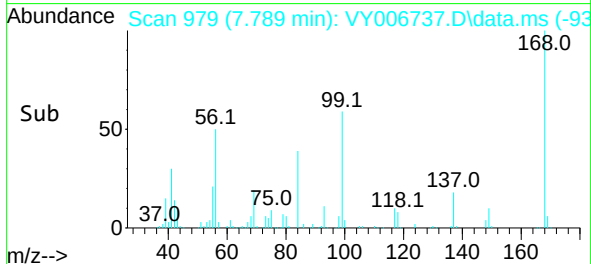
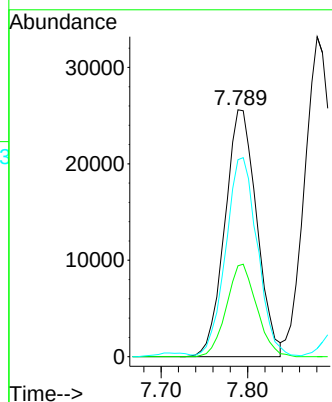
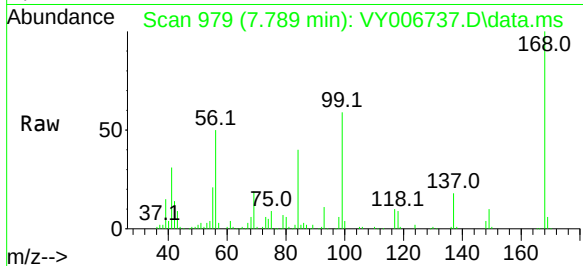




#31  
Cyclohexane  
Concen: 20.837 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

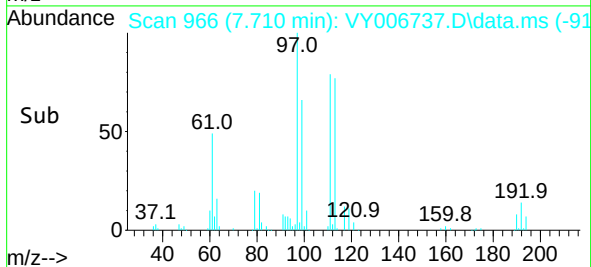
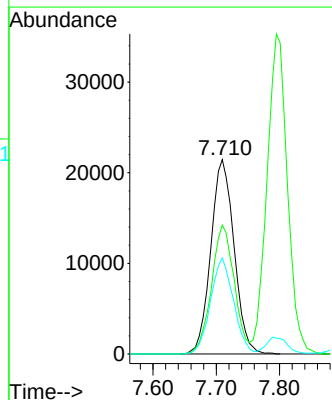
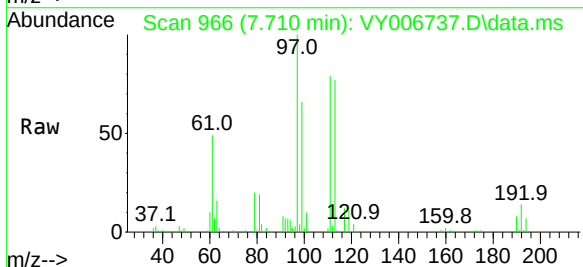
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

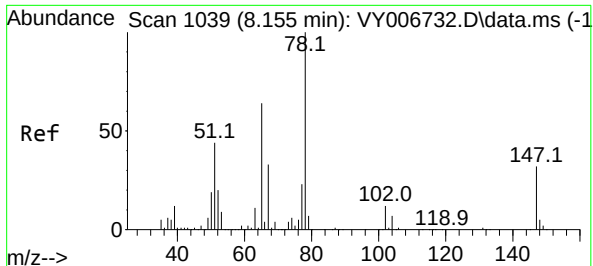
Tgt Ion: 56 Resp: 65393  
Ion Ratio Lower Upper  
56 100  
69 36.8 26.6 40.0  
84 78.4 65.0 97.4



#32  
1,1,1-Trichloroethane  
Concen: 20.621 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 97 Resp: 54669  
Ion Ratio Lower Upper  
97 100  
99 65.1 51.0 76.4  
61 48.7 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 50.216 ug/l

RT: 8.148 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

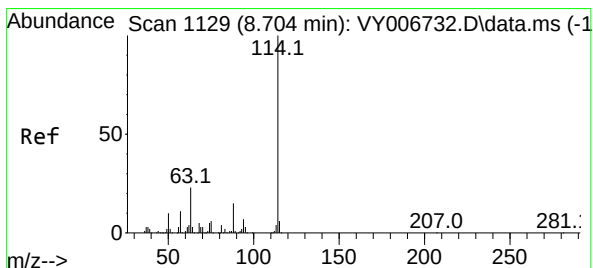
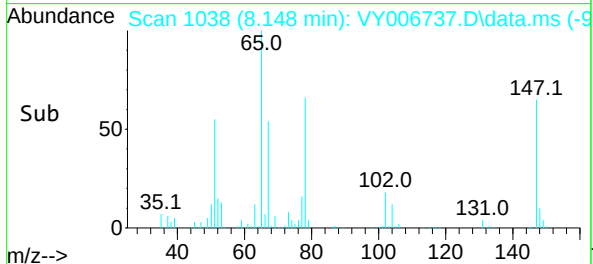
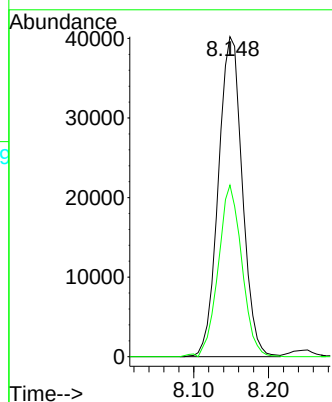
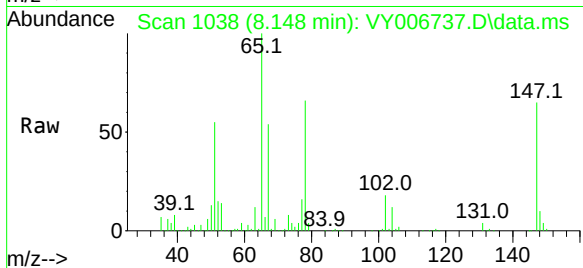
VY1115SBS01

Tgt Ion: 65 Resp: 89665

Ion Ratio Lower Upper

65 100

67 52.8 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

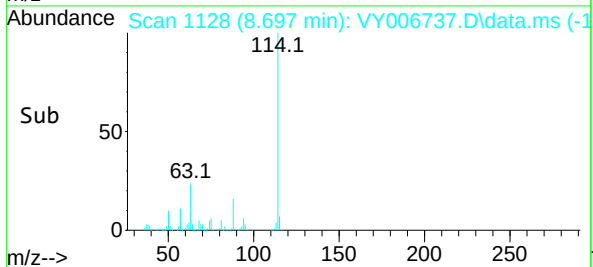
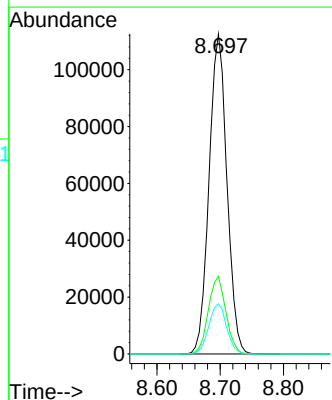
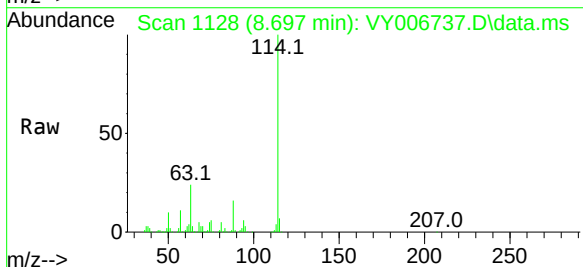
Tgt Ion: 114 Resp: 220299

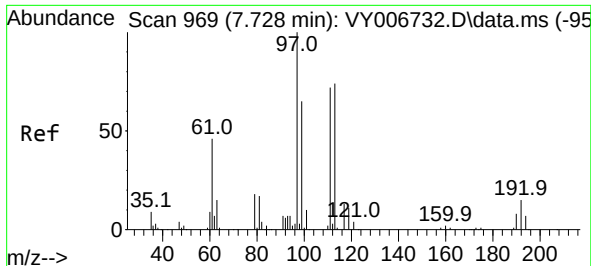
Ion Ratio Lower Upper

114 100

63 24.3 0.0 45.0

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.448 ug/l

RT: 7.728 min Scan# 90

Delta R.T. -0.000 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1115SBS01

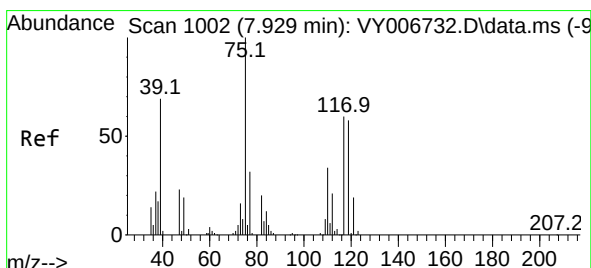
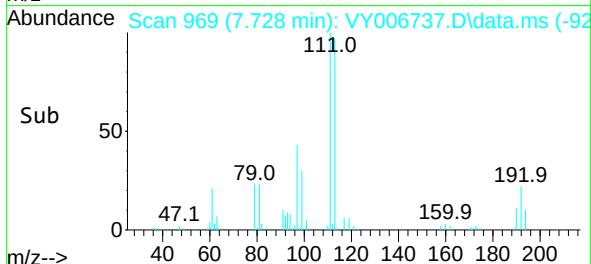
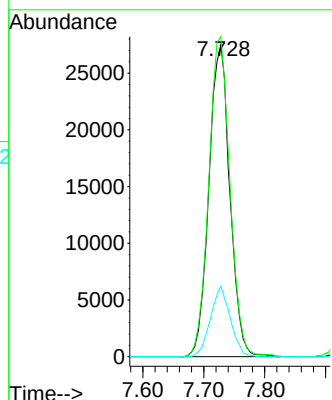
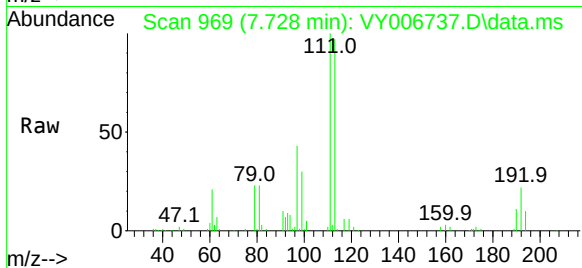
Tgt Ion:113 Resp: 65558

Ion Ratio Lower Upper

113 100

111 104.2 82.3 123.5

192 21.4 17.4 26.2



#36

1,1-Dichloropropene

Concen: 20.550 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

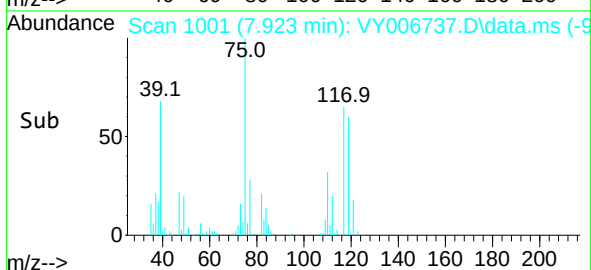
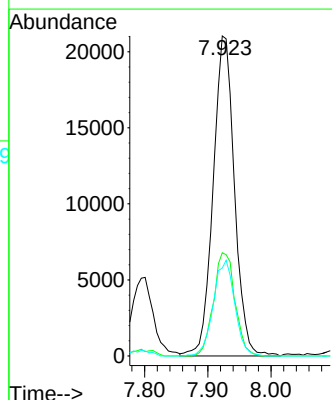
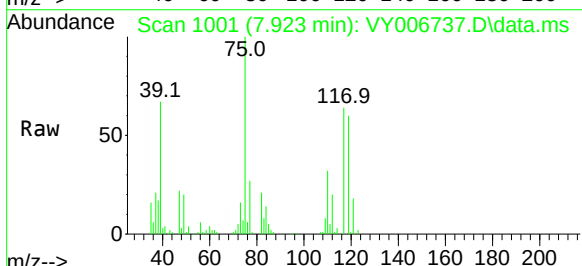
Tgt Ion: 75 Resp: 49209

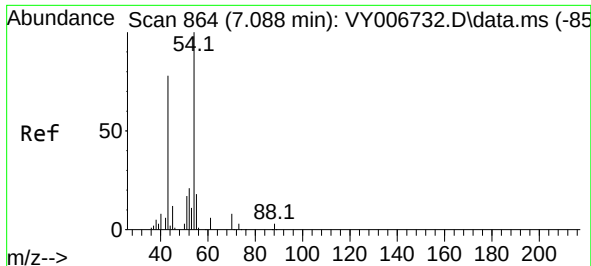
Ion Ratio Lower Upper

75 100

110 32.4 17.1 51.3

77 30.1 24.9 37.3

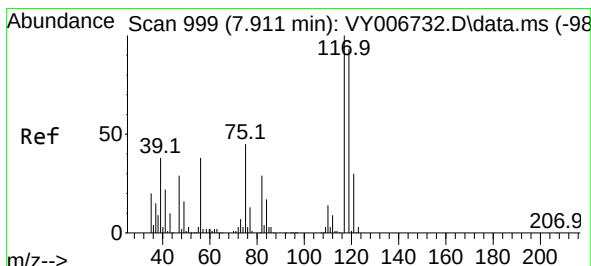
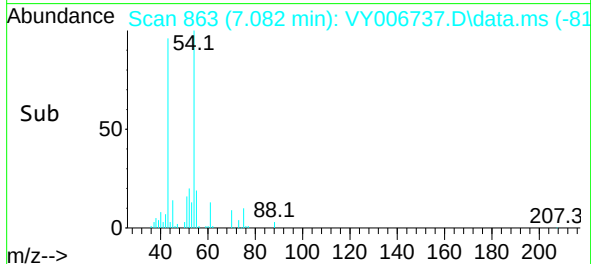
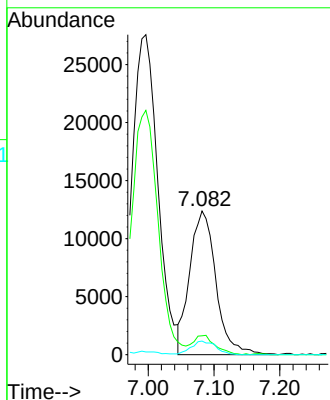
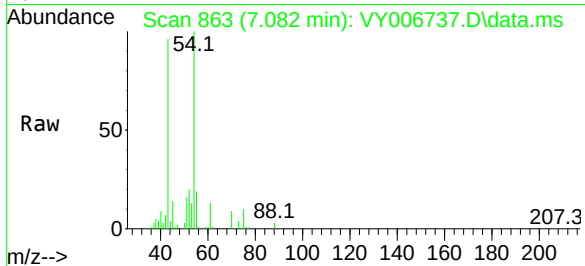




#37  
Ethyl Acetate  
Concen: 21.384 ug/l  
RT: 7.082 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

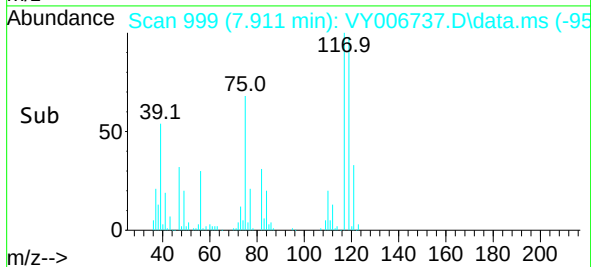
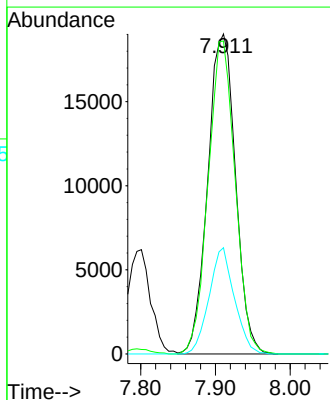
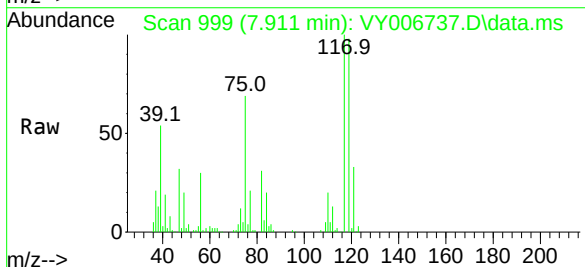
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

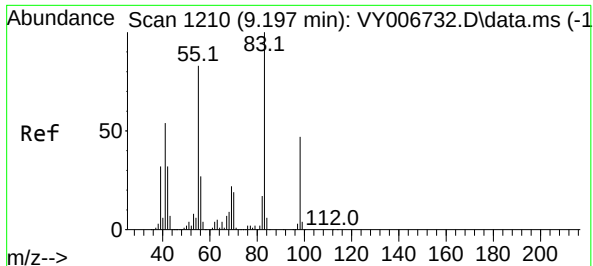
Tgt Ion: 43 Resp: 34236  
Ion Ratio Lower Upper  
43 100  
61 11.5 9.4 14.2  
70 8.9 6.9 10.3



#38  
Carbon Tetrachloride  
Concen: 20.057 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 117 Resp: 49123  
Ion Ratio Lower Upper  
117 100  
119 97.8 76.6 115.0  
121 33.2 24.7 37.1





#39

Methylcyclohexane

Concen: 19.678 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1115SBS01

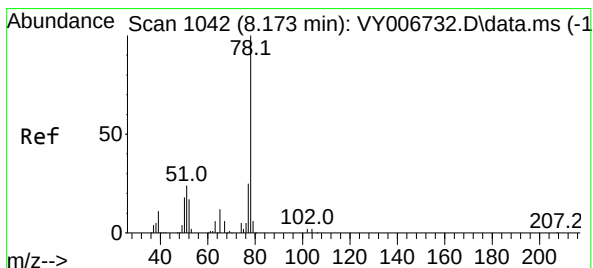
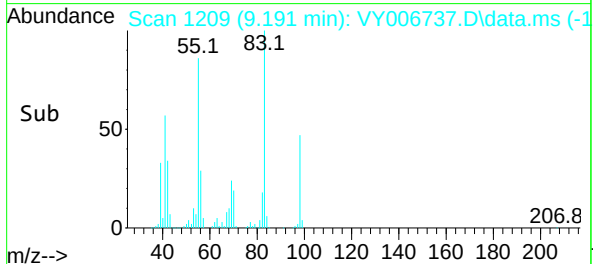
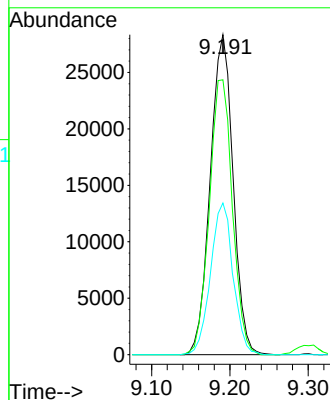
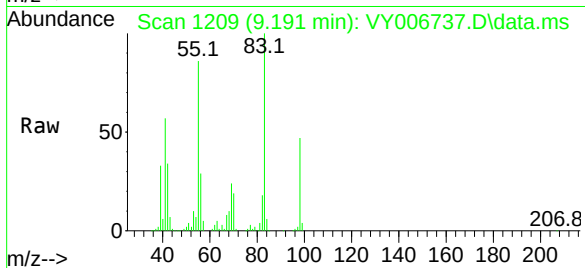
Tgt Ion: 83 Resp: 57466

Ion Ratio Lower Upper

83 100

55 85.9 65.3 97.9

98 47.4 37.0 55.4



#40

Benzene

Concen: 20.650 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY006737.D

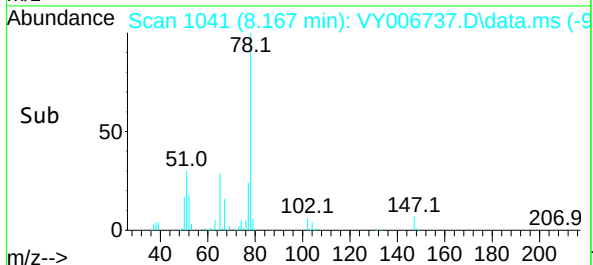
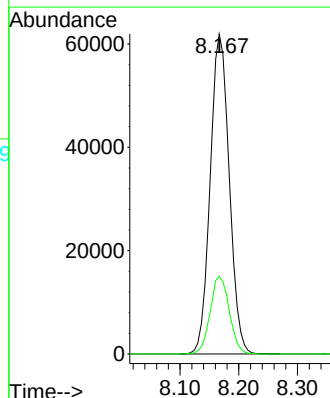
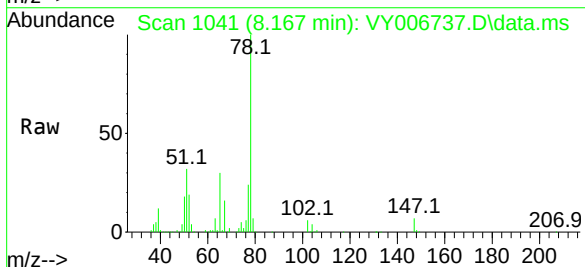
Acq: 15 Nov 2021 17:48

Tgt Ion: 78 Resp: 139204

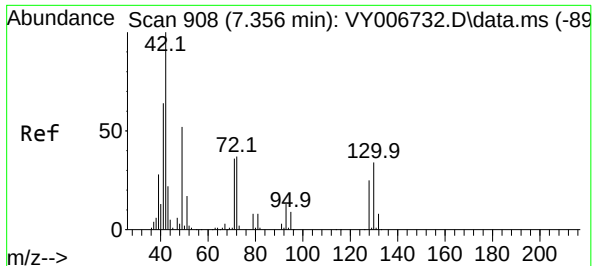
Ion Ratio Lower Upper

78 100

77 24.3 19.7 29.5



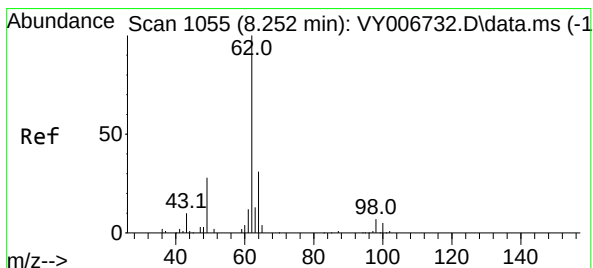
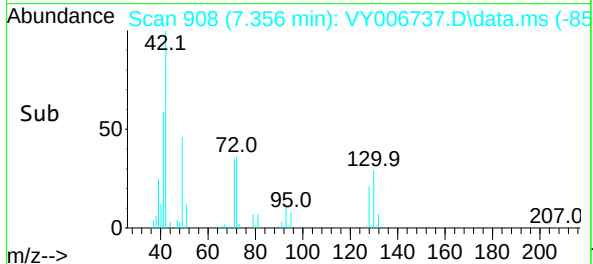
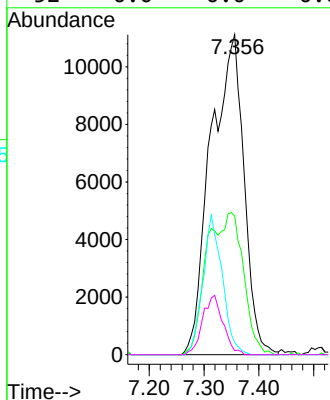
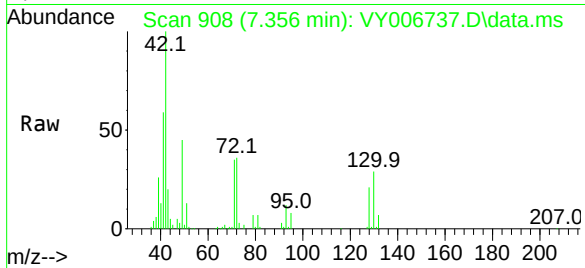




#41  
Methacrylonitrile  
Concen: 34.721 ug/l  
RT: 7.356 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

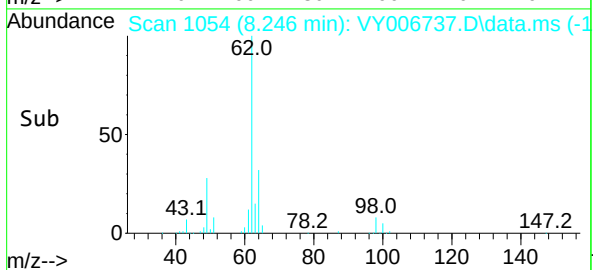
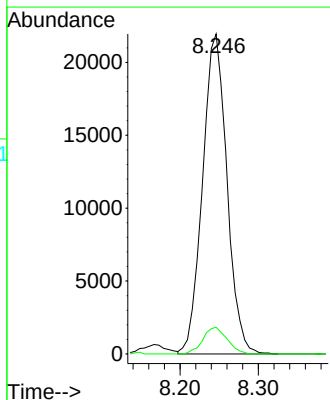
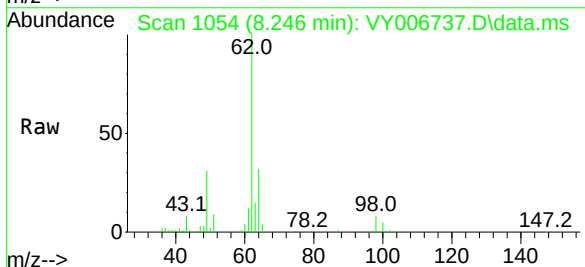
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

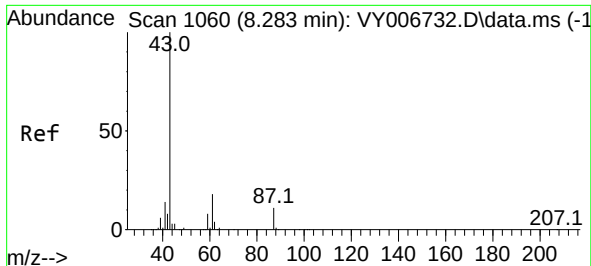
Tgt Ion: 41 Resp: 46674  
Ion Ratio Lower Upper  
41 100  
39 0.0 109.0 163.6#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 21.128 ug/l  
RT: 8.246 min Scan# 1054  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 62 Resp: 47450  
Ion Ratio Lower Upper  
62 100  
98 8.3 0.0 15.2

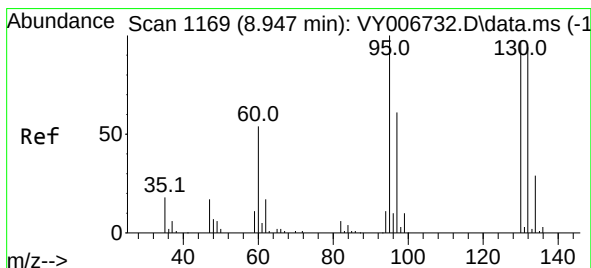
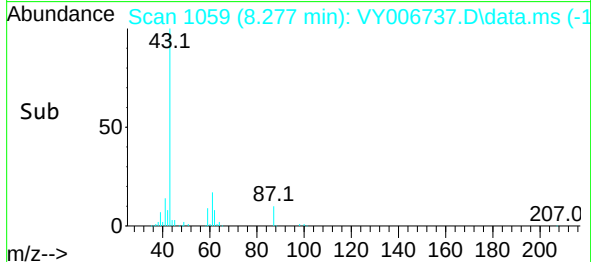
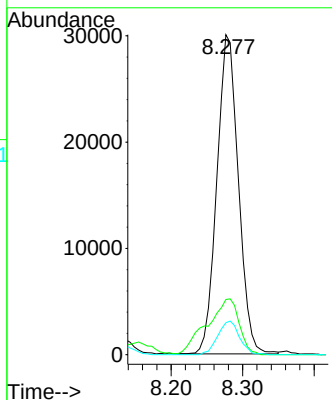
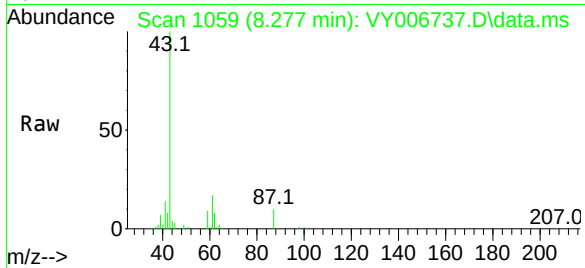




#43  
Isopropyl Acetate  
Concen: 20.898 ug/l  
RT: 8.277 min Scan# 1059  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

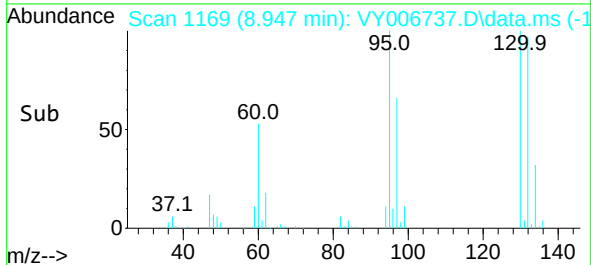
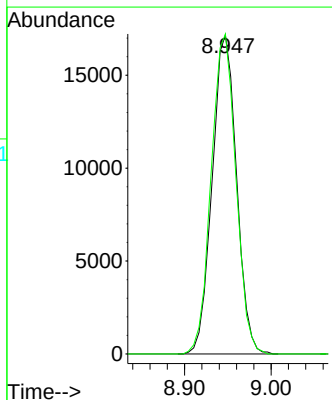
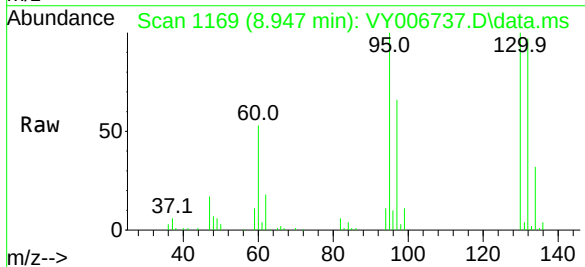
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

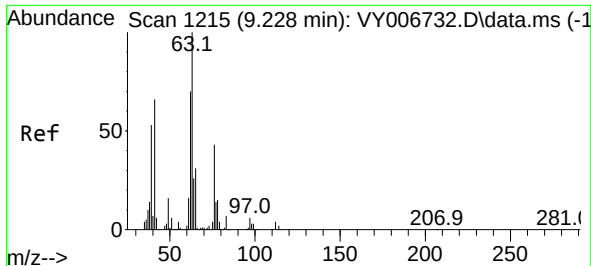
Tgt Ion: 43 Resp: 62759  
Ion Ratio Lower Upper  
43 100  
61 26.2 20.5 30.7  
87 10.6 9.0 13.6



#44  
Trichloroethene  
Concen: 20.409 ug/l  
RT: 8.947 min Scan# 1169  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion:130 Resp: 33468  
Ion Ratio Lower Upper  
130 100  
95 100.3 0.0 200.4





#45

1,2-Dichloropropane

Concen: 20.989 ug/l

RT: 9.221 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

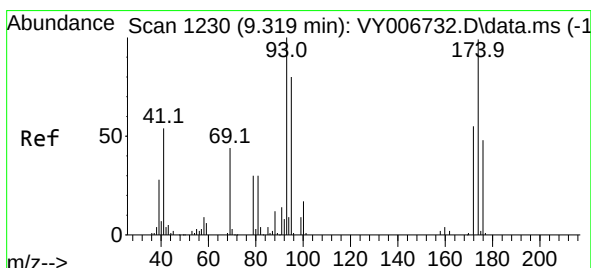
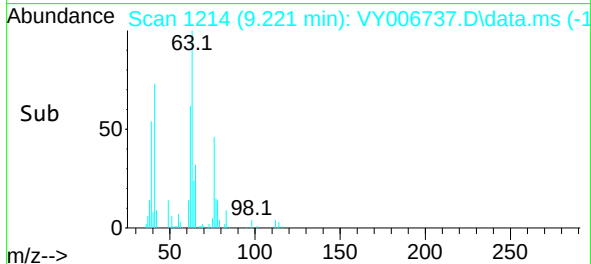
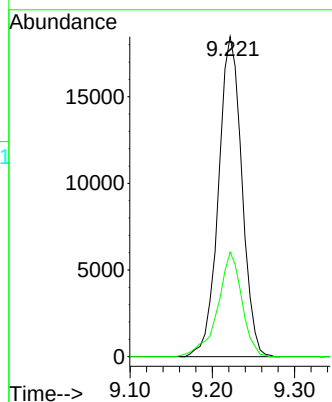
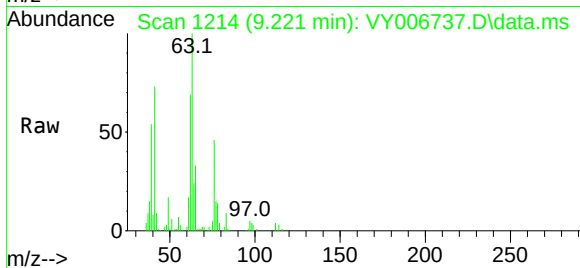
VY1115SBS01

Tgt Ion: 63 Resp: 36505

Ion Ratio Lower Upper

63 100

65 32.7 24.2 36.2



#46

Dibromomethane

Concen: 20.784 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.006 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

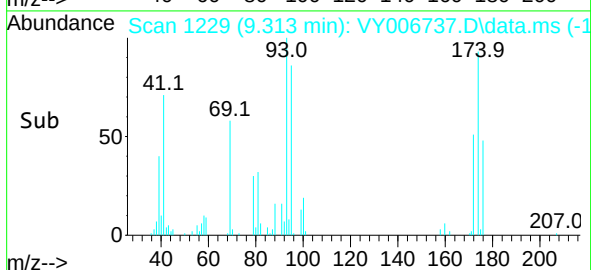
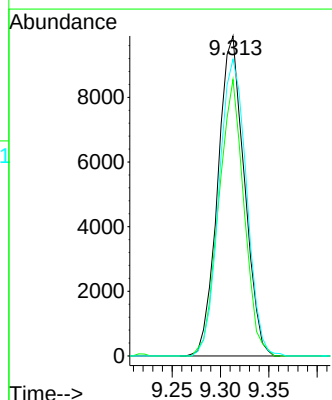
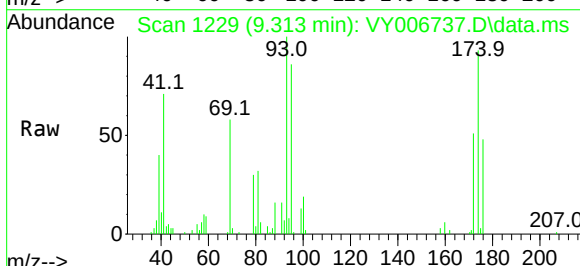
Tgt Ion: 93 Resp: 18827

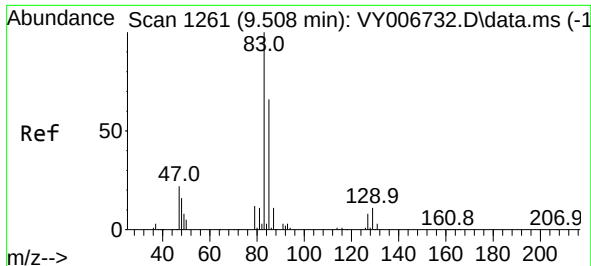
Ion Ratio Lower Upper

93 100

95 82.0 65.5 98.3

174 96.0 84.3 126.5

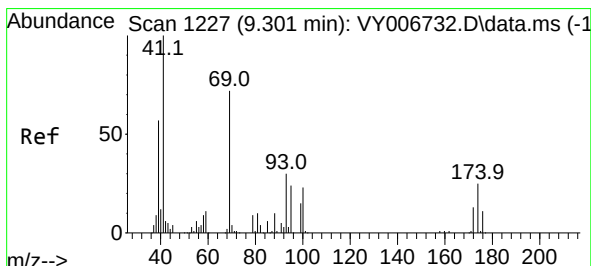
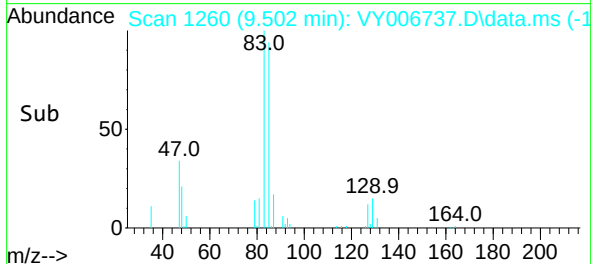
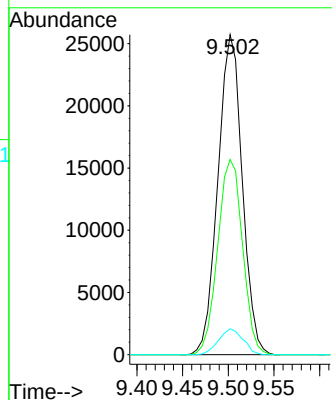
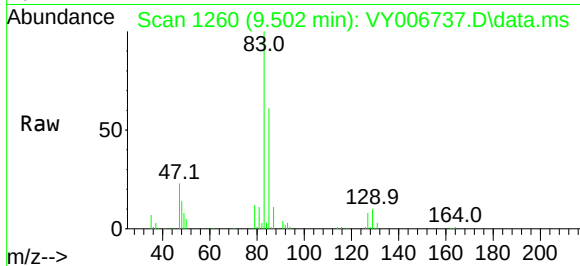




#47  
Bromodichloromethane  
Concen: 20.735 ug/l  
RT: 9.502 min Scan# 1260  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

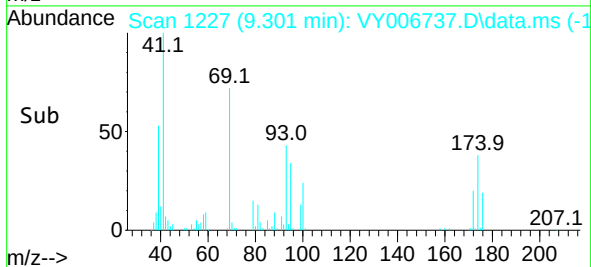
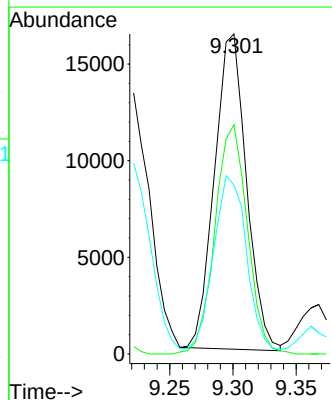
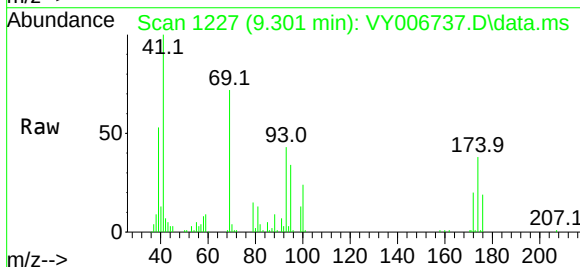
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

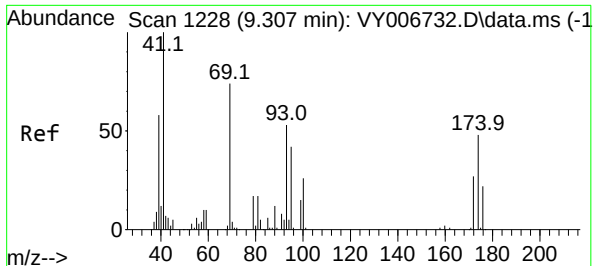
Tgt Ion: 83 Resp: 47698  
Ion Ratio Lower Upper  
83 100  
85 61.0 49.9 74.9  
127 8.1 7.1 10.7



#48  
Methyl methacrylate  
Concen: 20.176 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 41 Resp: 28708  
Ion Ratio Lower Upper  
41 100  
69 73.5 60.4 90.6  
39 56.7 48.2 72.2





#49

1,4-Dioxane

Concen: 431.205 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1115SBS01

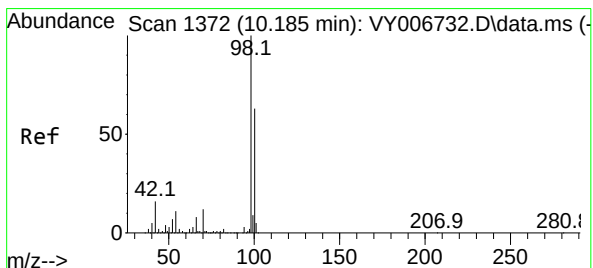
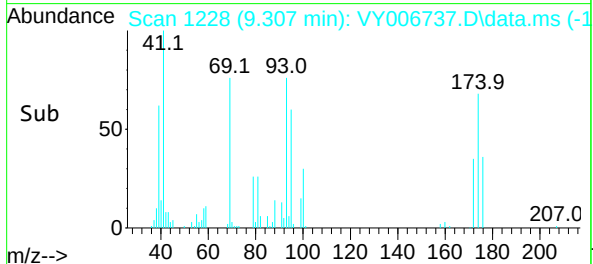
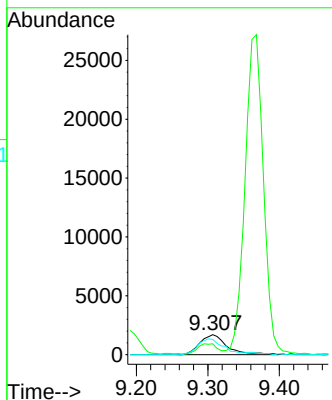
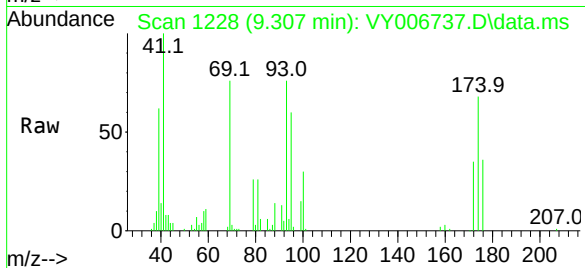
Tgt Ion: 88 Resp: 4482

Ion Ratio Lower Upper

88 100

43 40.3 34.1 51.1

58 80.5 57.5 86.3



#50

Toluene-d8

Concen: 48.283 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY006737.D

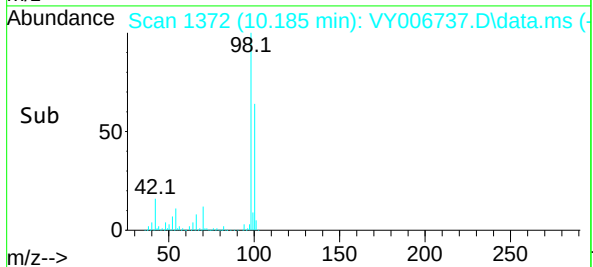
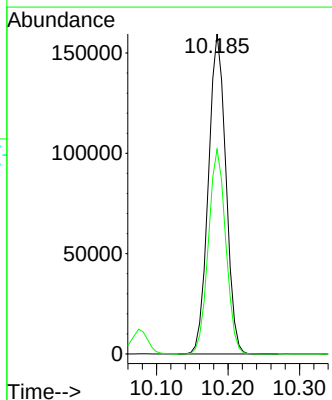
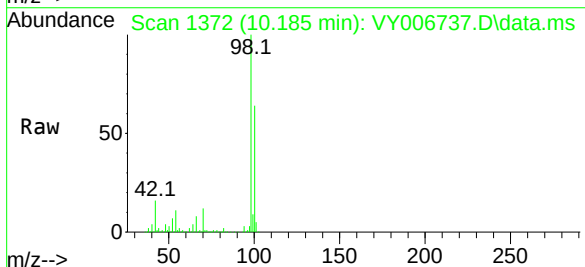
Acq: 15 Nov 2021 17:48

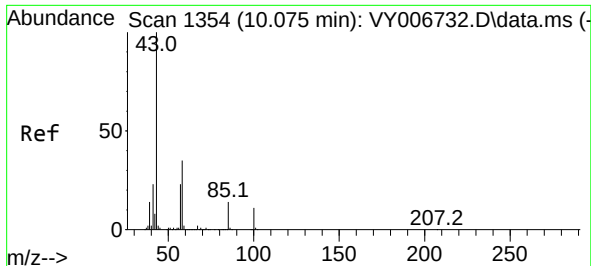
Tgt Ion: 98 Resp: 270366

Ion Ratio Lower Upper

98 100

100 63.5 50.9 76.3

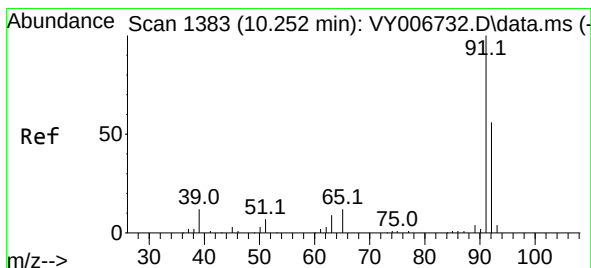
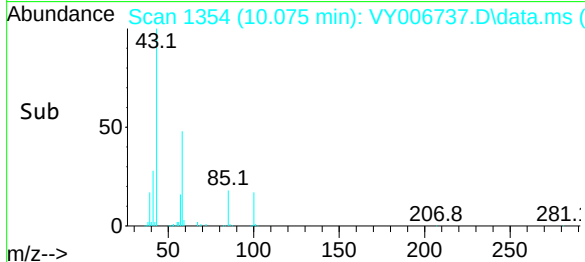
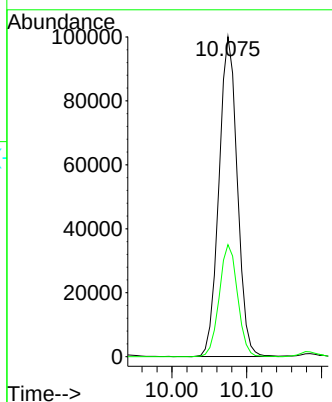
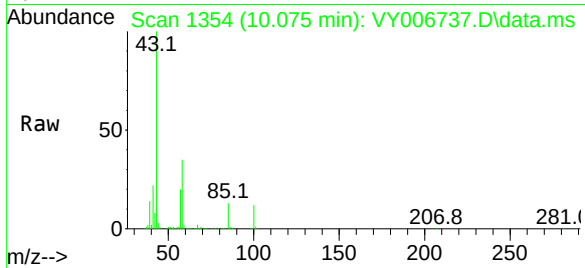




#51  
4-Methyl-2-Pentanone  
Concen: 108.010 ug/l  
RT: 10.075 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

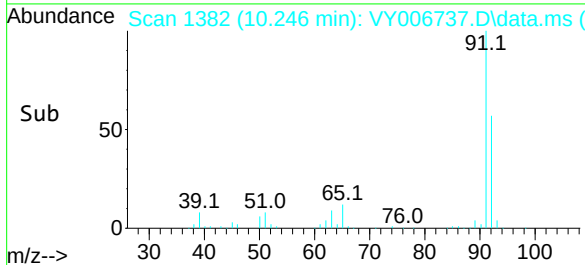
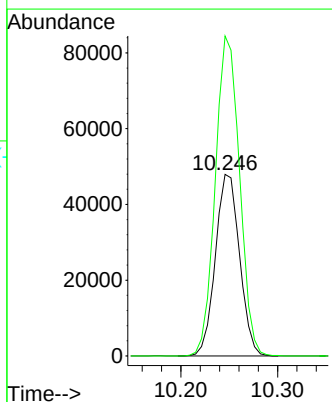
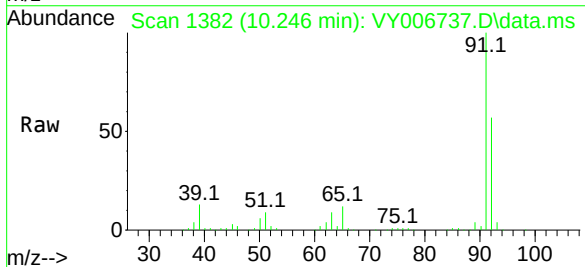
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

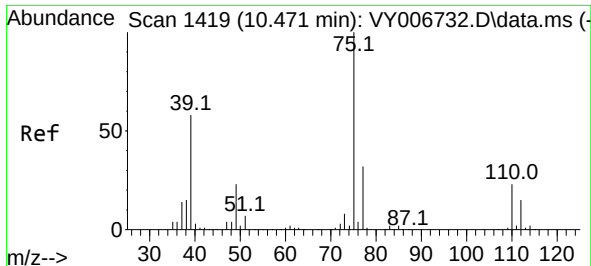
Tgt Ion: 43 Resp: 170862  
Ion Ratio Lower Upper  
43 100  
58 35.0 28.7 43.1



#52  
Toluene  
Concen: 20.288 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 92 Resp: 83047  
Ion Ratio Lower Upper  
92 100  
91 177.1 139.7 209.5

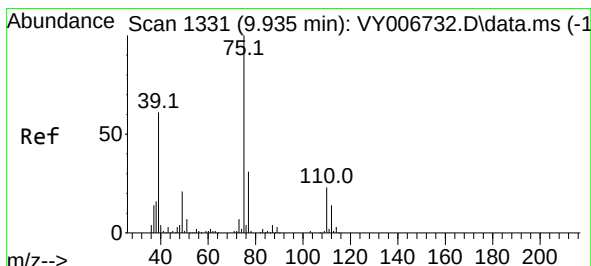
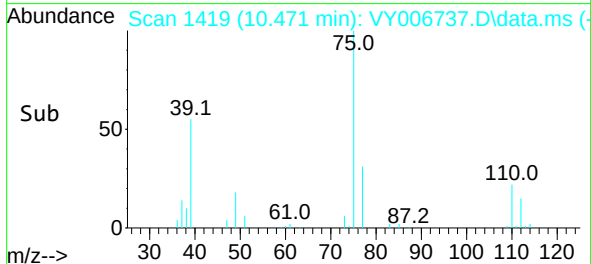
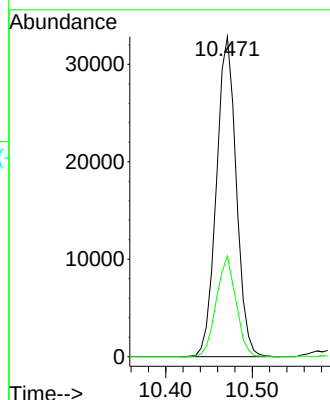
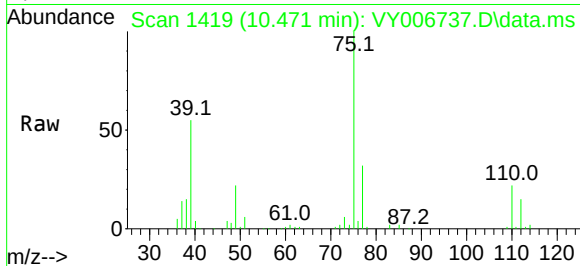




#53  
 t-1,3-Dichloropropene  
 Concen: 20.912 ug/l  
 RT: 10.471 min Scan# 1419  
 Delta R.T. -0.000 min  
 Lab File: VY006737.D  
 Acq: 15 Nov 2021 17:48

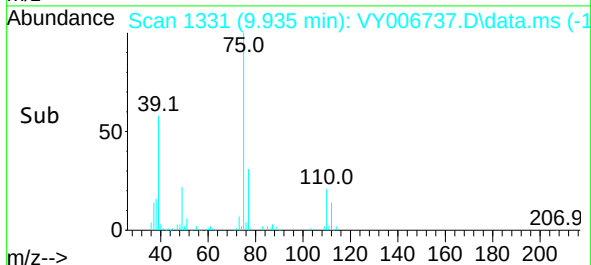
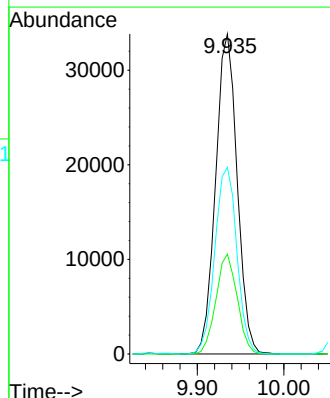
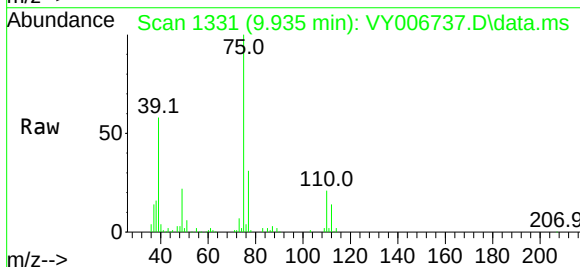
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1115SBS01

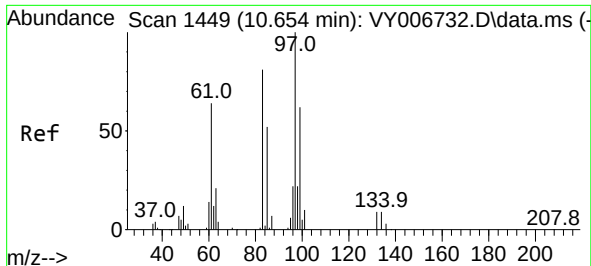
Tgt Ion: 75 Resp: 52291  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 24.9 37.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.824 ug/l  
 RT: 9.935 min Scan# 1331  
 Delta R.T. -0.000 min  
 Lab File: VY006737.D  
 Acq: 15 Nov 2021 17:48

Tgt Ion: 75 Resp: 58399  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.4 38.2  
 39 58.3 50.2 75.2

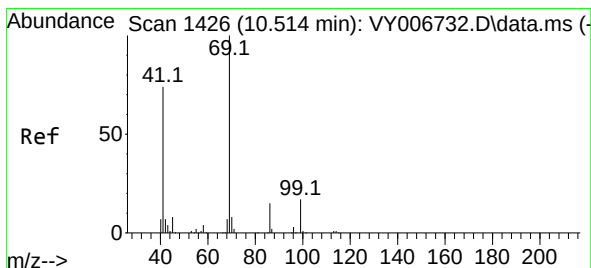
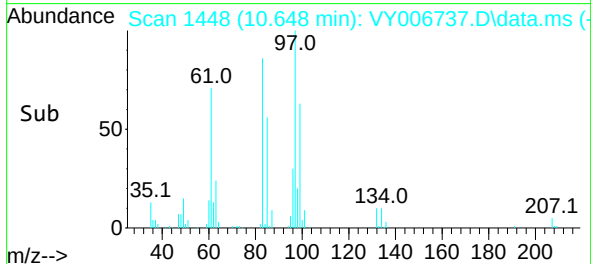
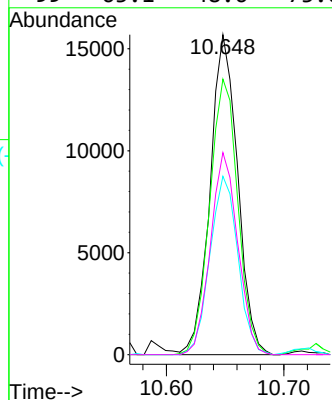
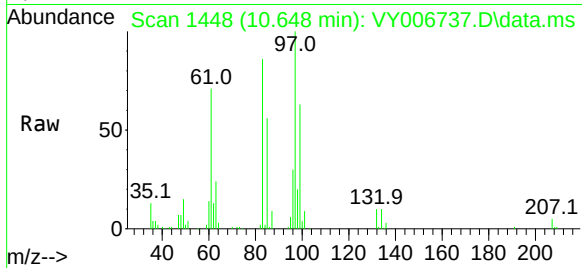




#55  
1,1,2-Trichloroethane  
Concen: 21.116 ug/l  
RT: 10.648 min Scan# 1448  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

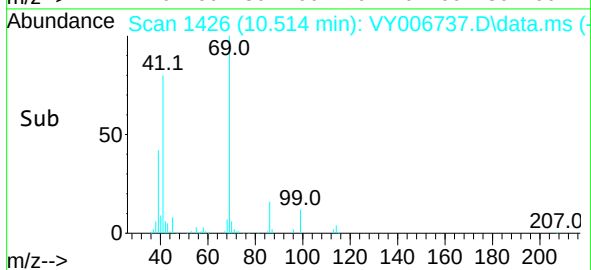
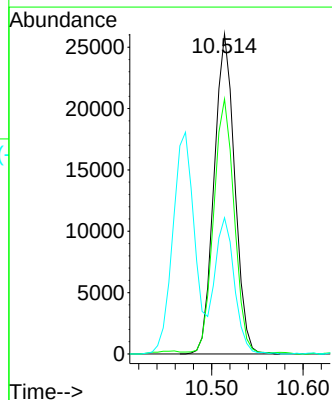
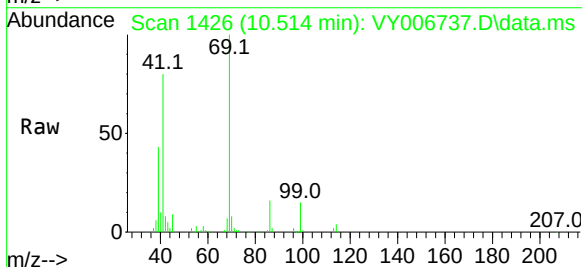
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 25536 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.1  | 66.2  | 99.2  |
| 85       | 55.7  | 42.2  | 63.4  |
| 99       | 63.1  | 48.6  | 73.0  |

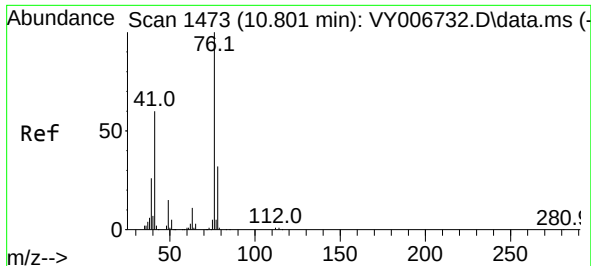


#56  
Ethyl methacrylate  
Concen: 21.712 ug/l  
RT: 10.514 min Scan# 1426  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 40813 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 78.8  | 62.9  | 94.3  |
| 39       | 39.4  | 35.7  | 53.5  |







#57

1,3-Dichloropropane

Concen: 21.799 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

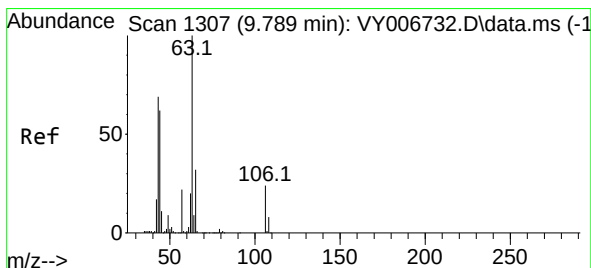
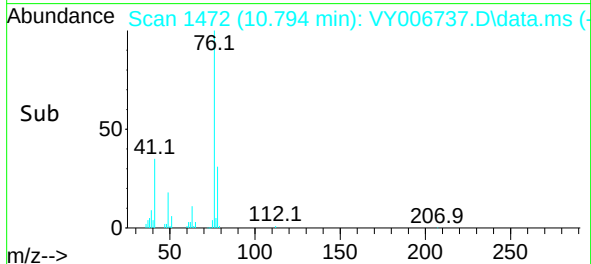
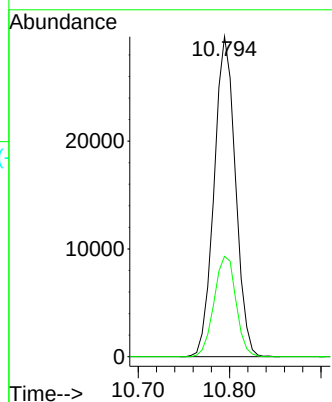
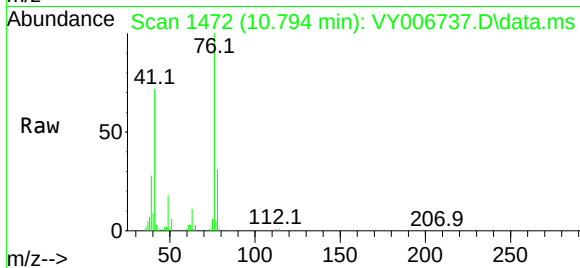
VY1115SBS01

Tgt Ion: 76 Resp: 48104

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 99.996 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY006737.D

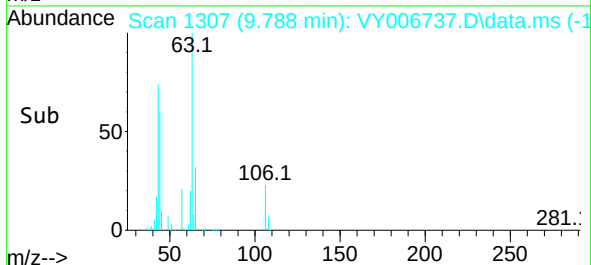
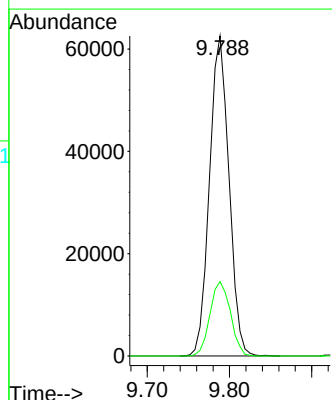
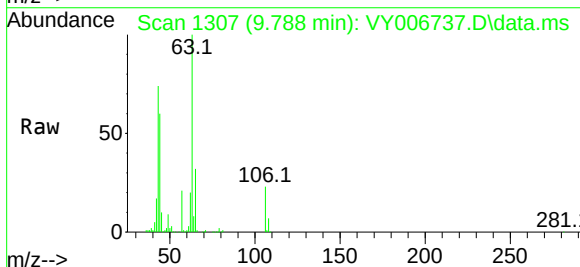
Acq: 15 Nov 2021 17:48

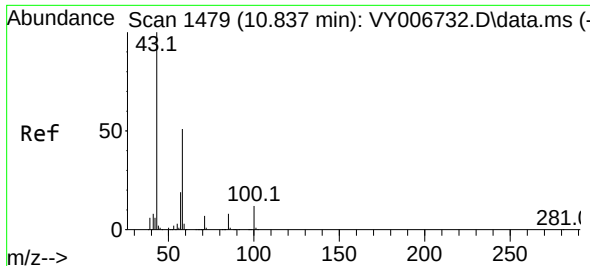
Tgt Ion: 63 Resp: 102911

Ion Ratio Lower Upper

63 100

106 24.3 21.4 32.2

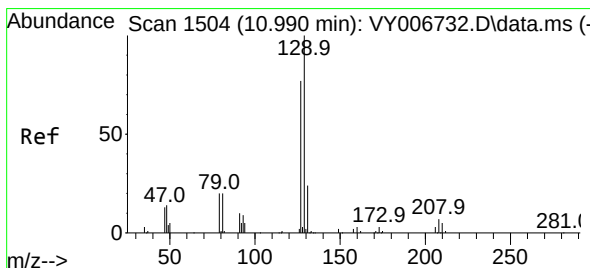
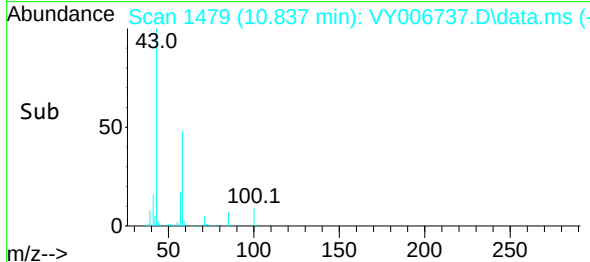
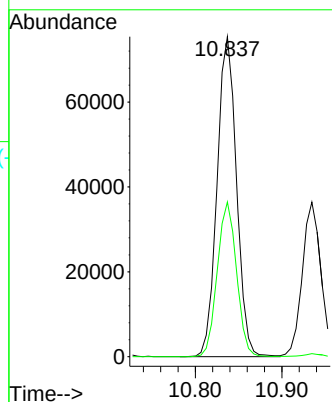
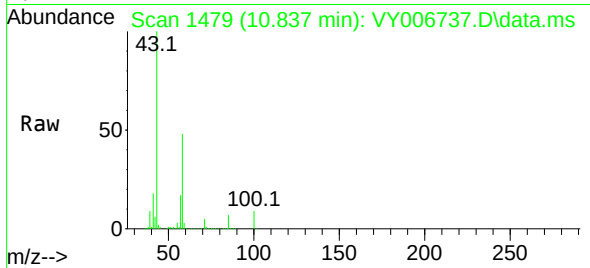




#59  
2-Hexanone  
Concen: 115.501 ug/l  
RT: 10.837 min Scan# 1479  
Delta R.T. 0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

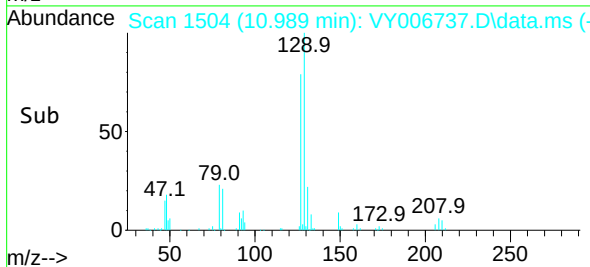
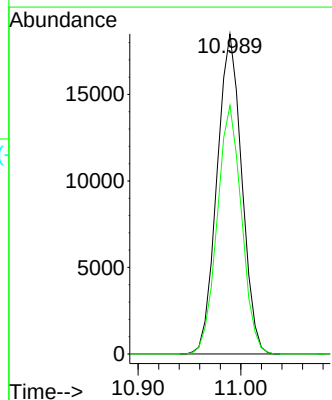
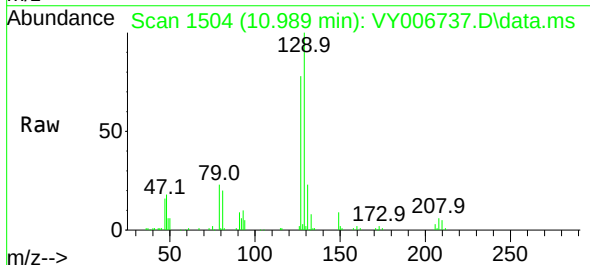
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

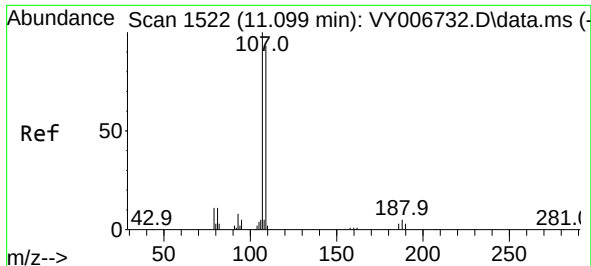
Tgt Ion: 43 Resp: 117633  
Ion Ratio Lower Upper  
43 100  
58 47.8 24.6 73.6



#60  
Dibromochloromethane  
Concen: 20.838 ug/l  
RT: 10.989 min Scan# 1504  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 129 Resp: 30889  
Ion Ratio Lower Upper  
129 100  
127 76.5 39.4 118.1

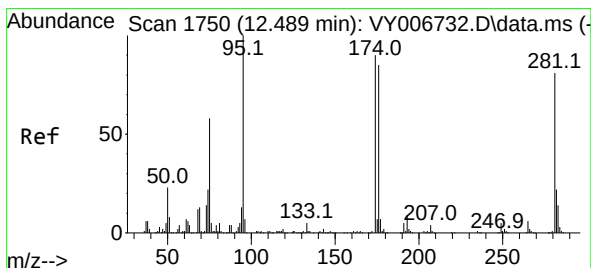
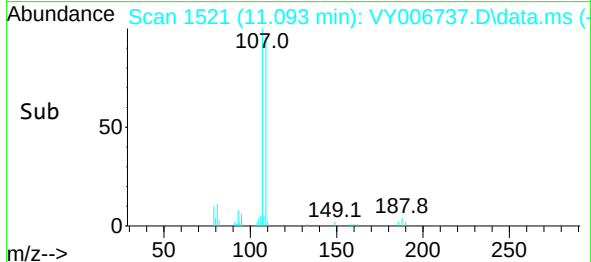
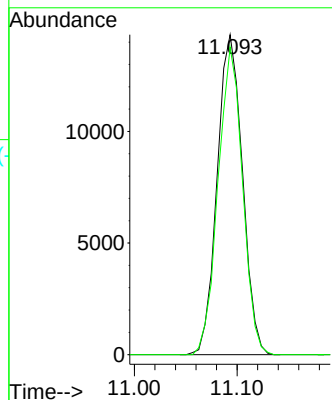
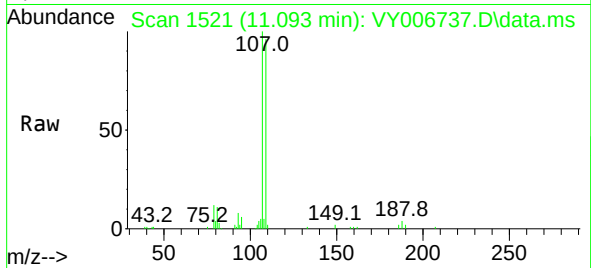




#61  
1,2-Dibromoethane  
Concen: 21.817 ug/l  
RT: 11.093 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

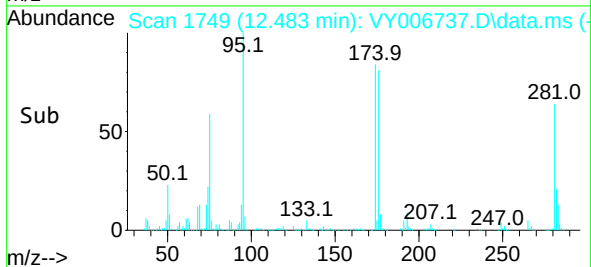
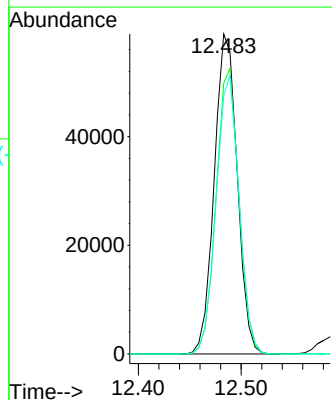
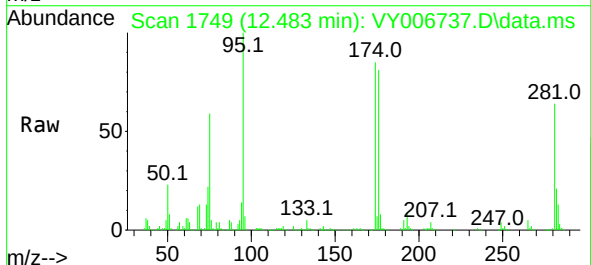
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

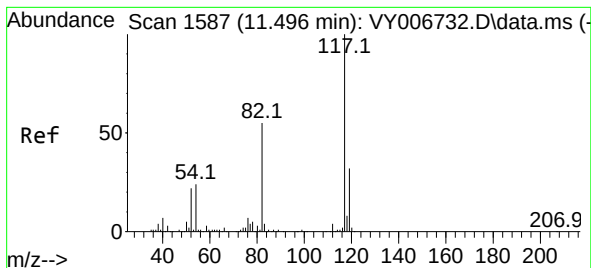
Tgt Ion:107 Resp: 24444  
Ion Ratio Lower Upper  
107 100  
109 93.1 76.2 114.2



#62  
4-Bromofluorobenzene  
Concen: 48.344 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 95 Resp: 91261  
Ion Ratio Lower Upper  
95 100  
174 88.4 0.0 177.0  
176 87.0 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1115SBS01

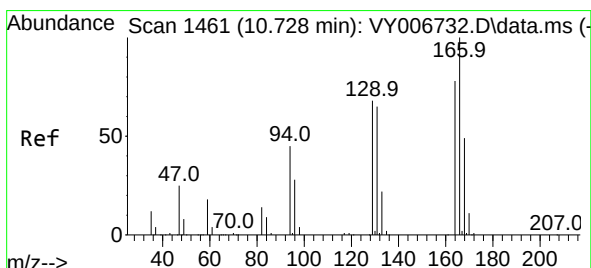
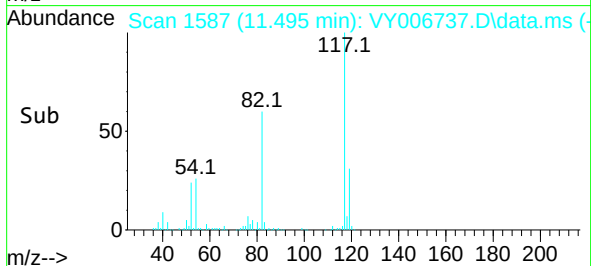
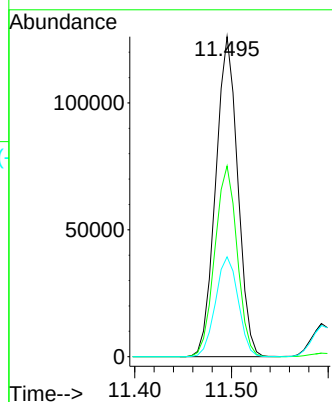
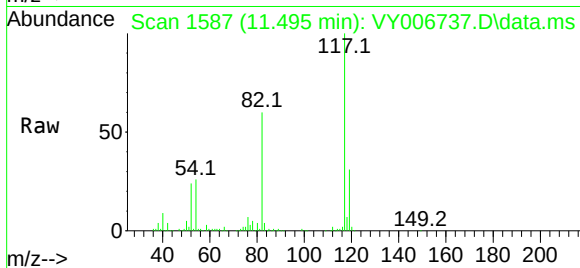
Tgt Ion:117 Resp: 199286

Ion Ratio Lower Upper

117 100

82 59.6 45.7 68.5

119 31.2 25.5 38.3



#64

Tetrachloroethene

Concen: 20.088 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Tgt Ion:164 Resp: 29253

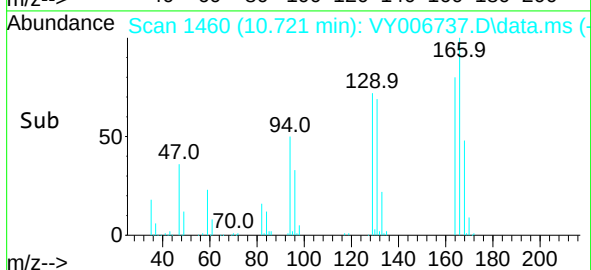
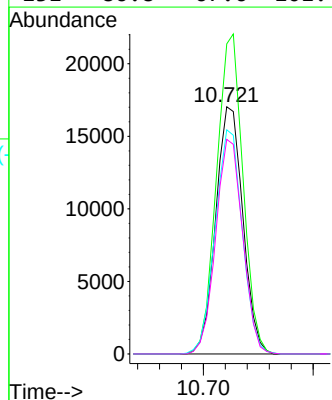
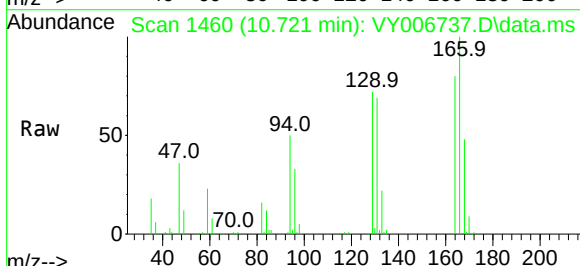
Ion Ratio Lower Upper

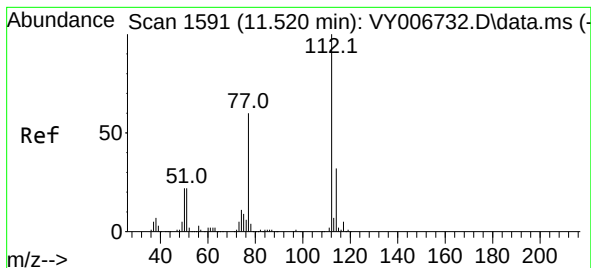
164 100

166 125.4 103.3 154.9

129 90.7 71.2 106.8

131 86.8 67.6 101.4





#65

Chlorobenzene

Concen: 20.921 ug/l

RT: 11.520 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

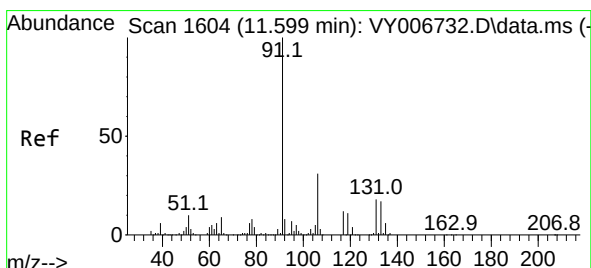
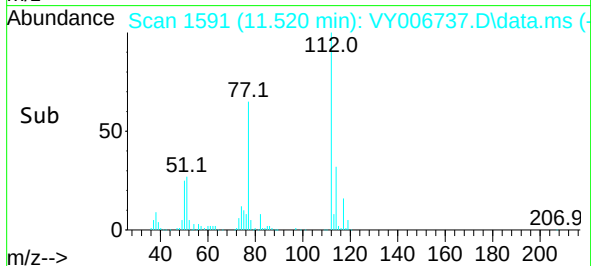
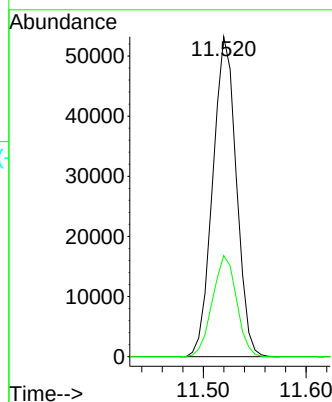
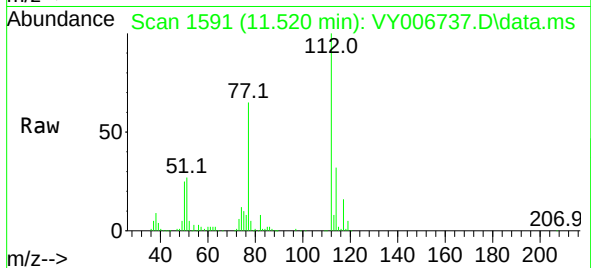
VY1115SBS01

Tgt Ion:112 Resp: 84824

Ion Ratio Lower Upper

112 100

114 31.6 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.204 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

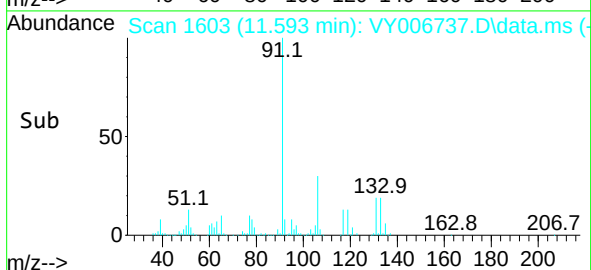
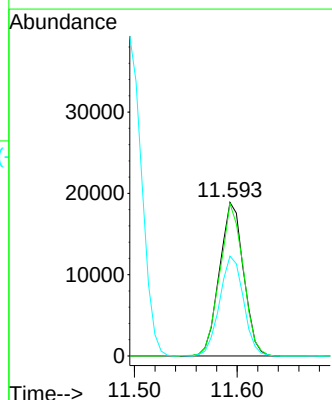
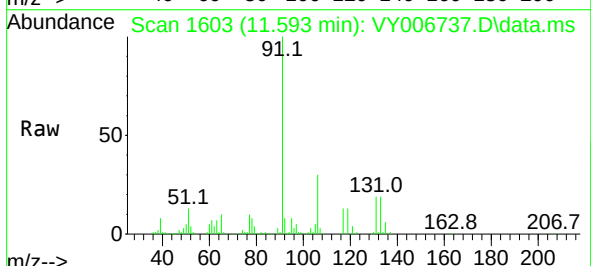
Tgt Ion:131 Resp: 30634

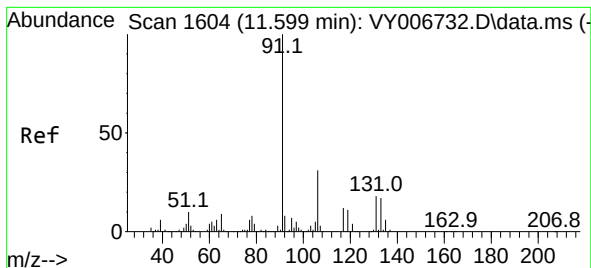
Ion Ratio Lower Upper

131 100

133 97.1 47.8 143.3

119 64.5 30.8 92.4





#67

Ethyl Benzene

Concen: 21.033 ug/l

RT: 11.599 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

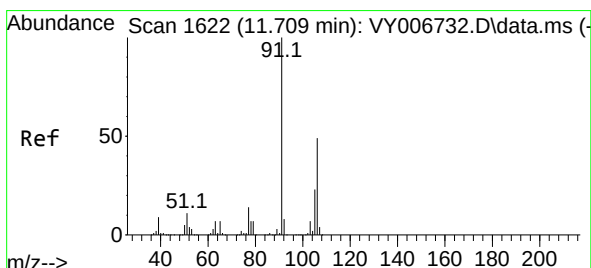
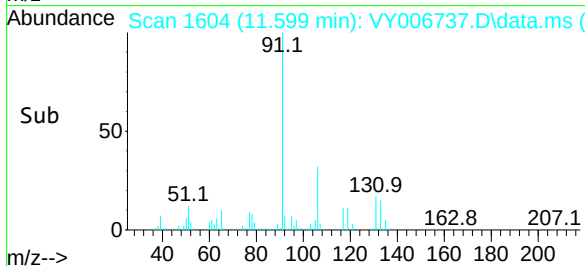
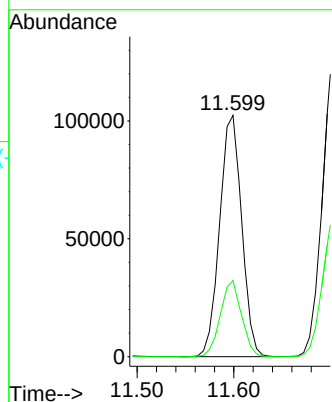
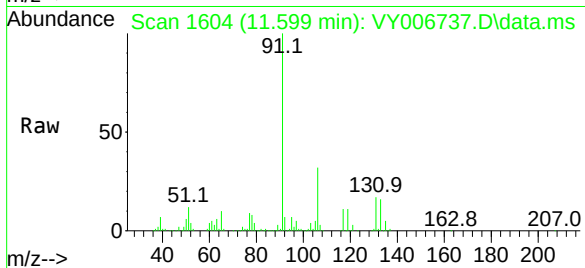
VY1115SBS01

Tgt Ion: 91 Resp: 161644

Ion Ratio Lower Upper

91 100

106 31.5 24.2 36.4



#68

m/p-Xylenes

Concen: 41.484 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY006737.D

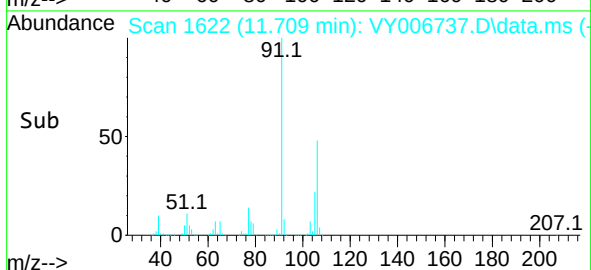
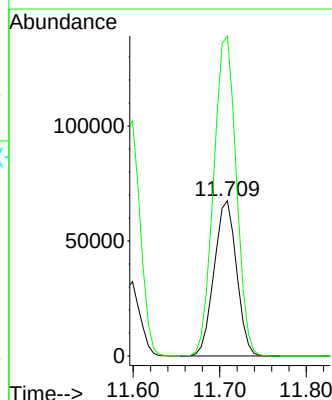
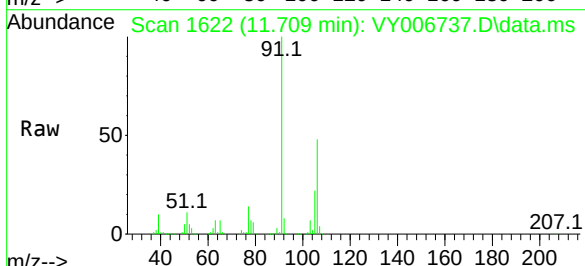
Acq: 15 Nov 2021 17:48

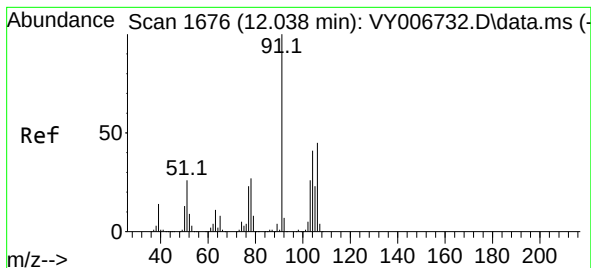
Tgt Ion:106 Resp: 121501

Ion Ratio Lower Upper

106 100

91 208.4 167.5 251.3

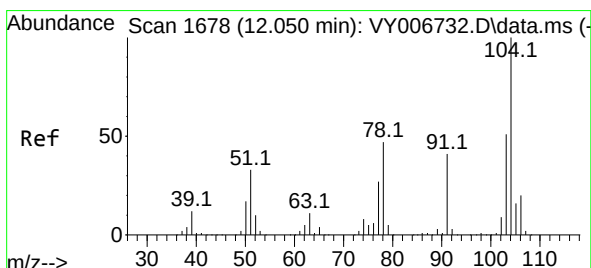
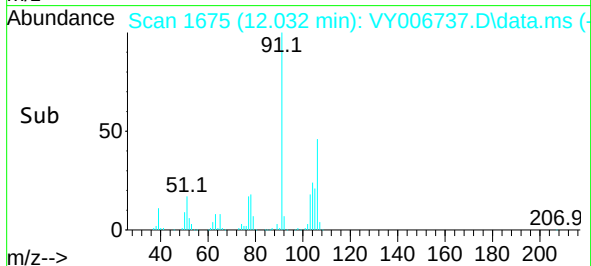
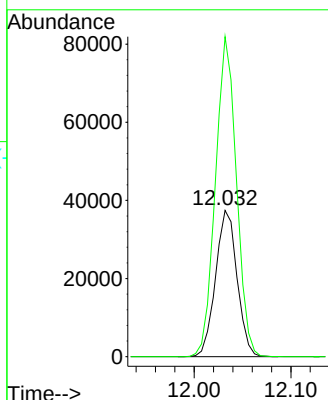
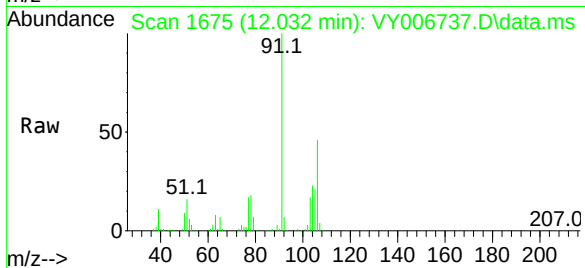




#69  
o-Xylene  
Concen: 20.838 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

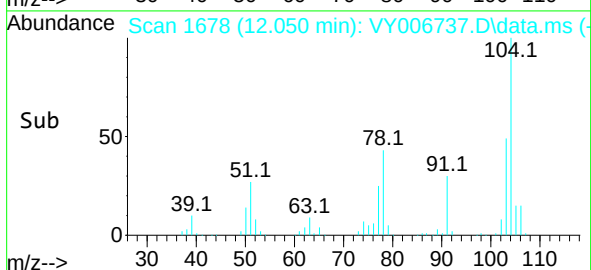
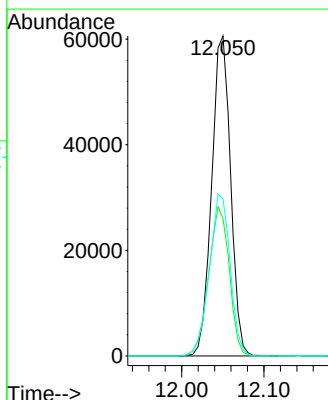
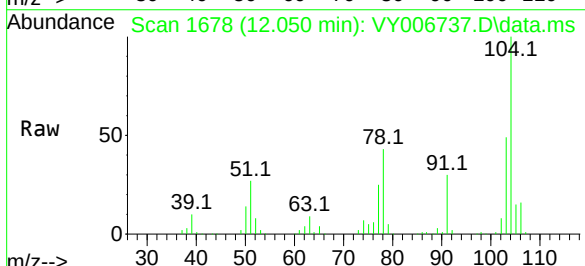
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

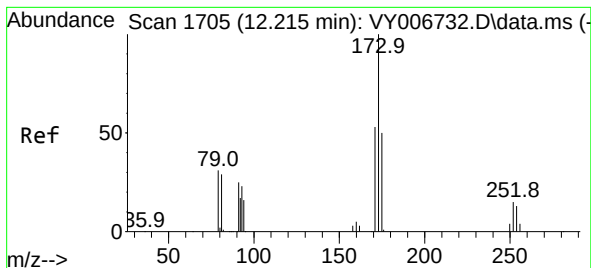
Tgt Ion:106 Resp: 57817  
Ion Ratio Lower Upper  
106 100  
91 213.5 110.3 330.9



#70  
Styrene  
Concen: 20.693 ug/l  
RT: 12.050 min Scan# 1678  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion:104 Resp: 96967  
Ion Ratio Lower Upper  
104 100  
78 50.8 42.6 63.8  
103 55.2 44.6 67.0





#71

Bromoform

Concen: 22.174 ug/l

RT: 12.215 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1115SBS01

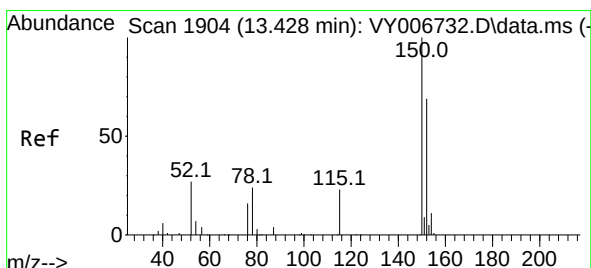
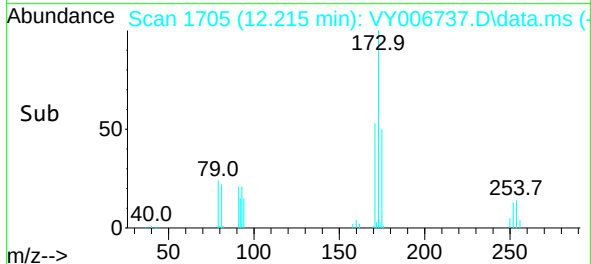
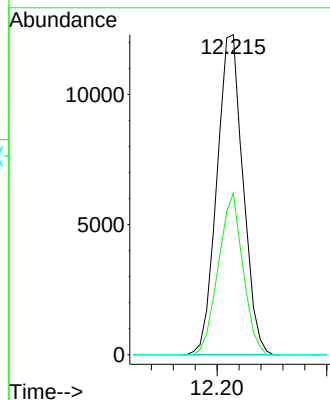
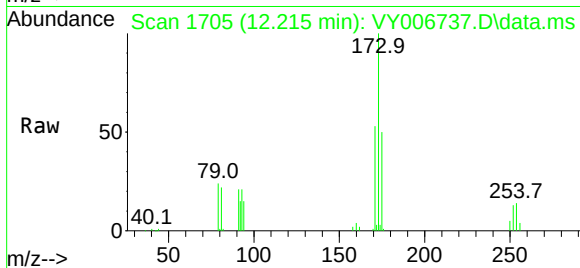
Tgt Ion:173 Resp: 20350

Ion Ratio Lower Upper

173 100

175 47.4 24.8 74.3

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

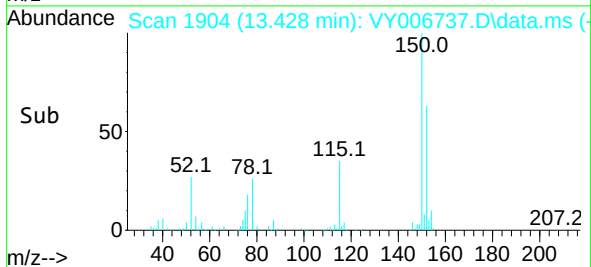
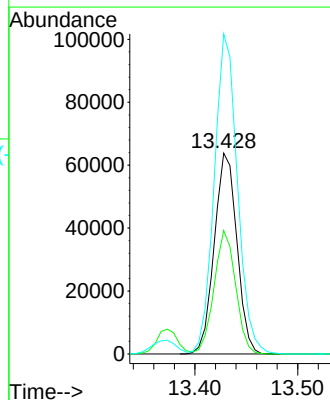
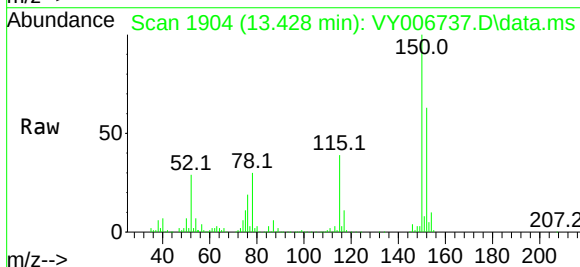
Tgt Ion:152 Resp: 97458

Ion Ratio Lower Upper

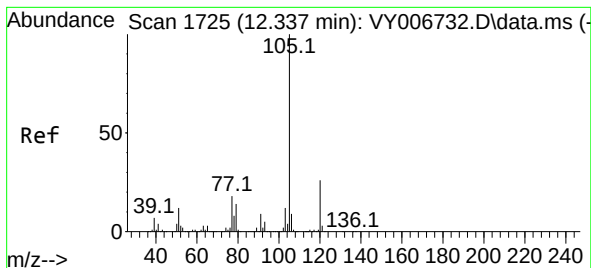
152 100

115 58.5 28.5 85.5

150 163.8 0.0 348.2







#73

Isopropylbenzene

Concen: 21.263 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

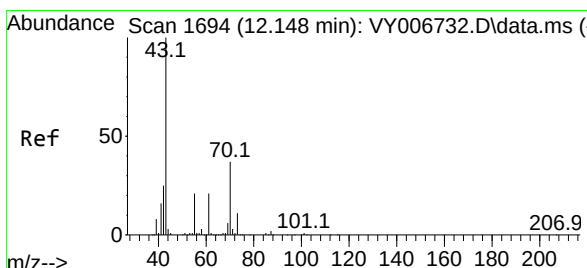
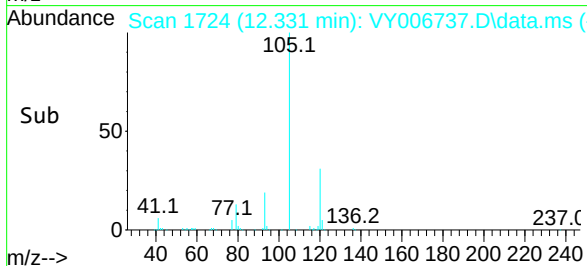
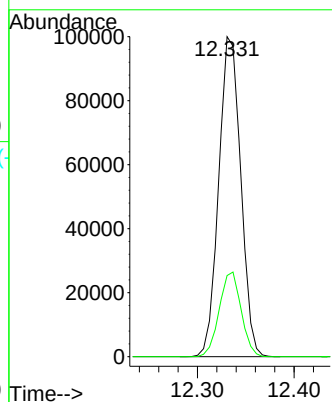
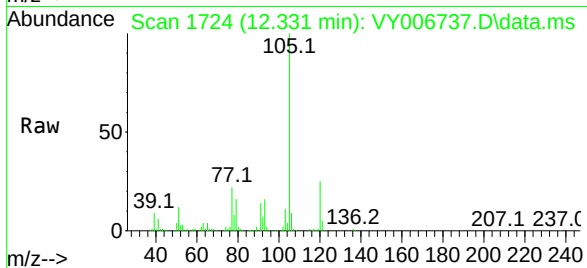
VY1115SBS01

Tgt Ion:105 Resp: 157806

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 18.773 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Tgt Ion: 43 Resp: 44826

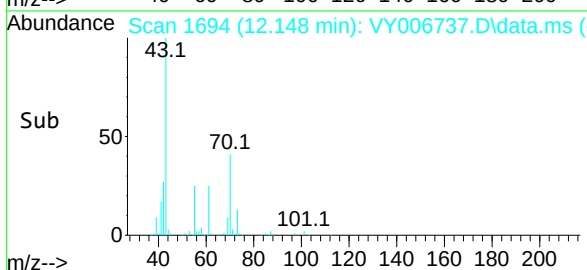
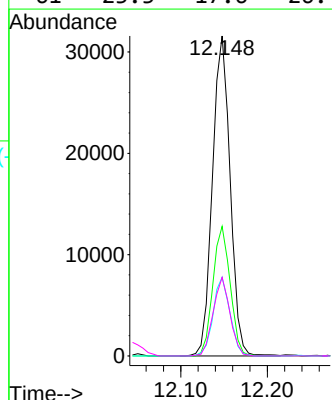
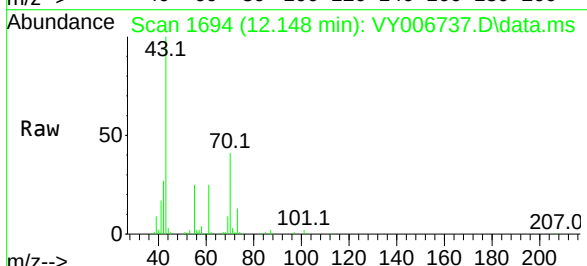
Ion Ratio Lower Upper

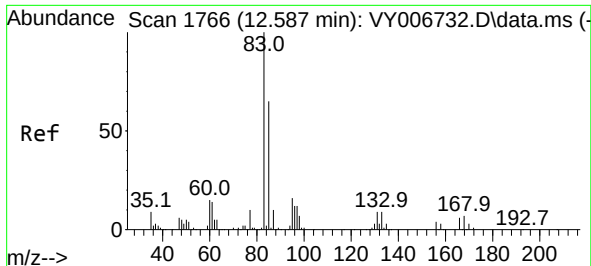
43 100

70 39.5 29.4 44.0

55 23.5 18.1 27.1

61 23.3 17.6 26.4

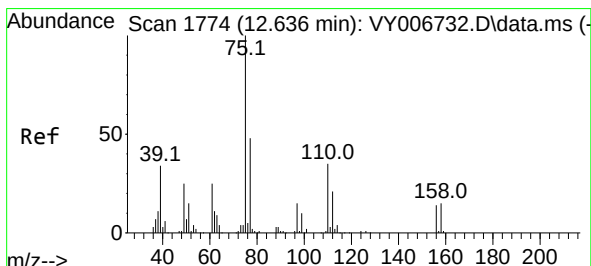
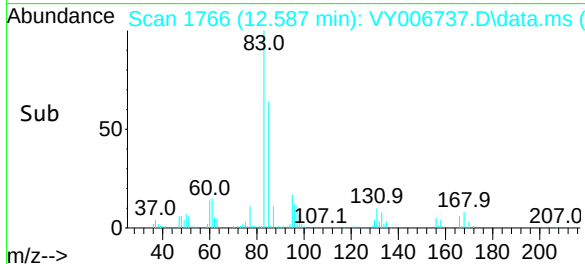
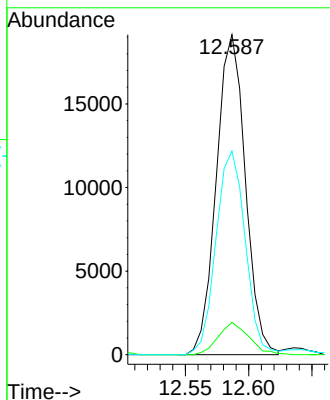
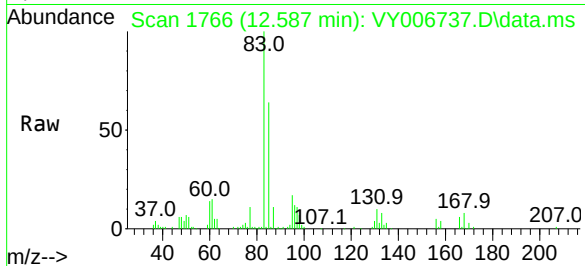




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 22.249 ug/l  
 RT: 12.587 min Scan# 1766  
 Delta R.T. -0.000 min  
 Lab File: VY006737.D  
 Acq: 15 Nov 2021 17:48

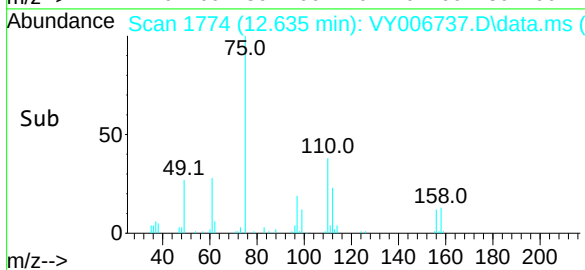
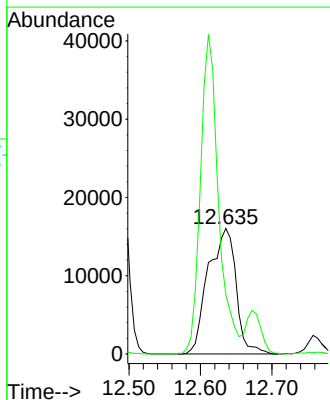
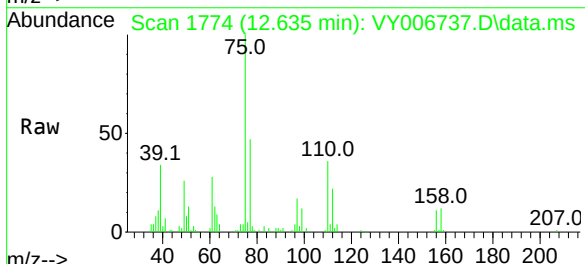
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1115SBS01

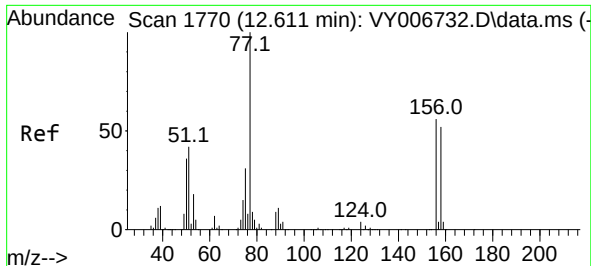
Tgt Ion: 83 Resp: 30552  
 Ion Ratio Lower Upper  
 83 100  
 131 10.7 5.5 16.4  
 85 64.0 31.9 95.9



#76  
 1,2,3-Trichloropropane  
 Concen: 41.013 ug/l  
 RT: 12.635 min Scan# 1774  
 Delta R.T. -0.001 min  
 Lab File: VY006737.D  
 Acq: 15 Nov 2021 17:48

Tgt Ion: 75 Resp: 43457  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

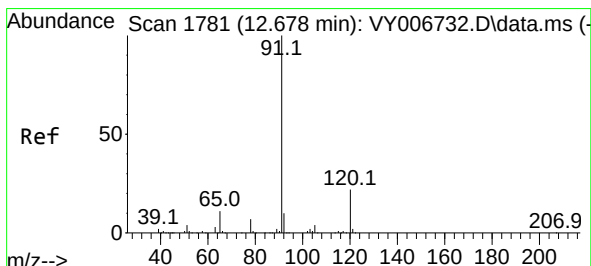
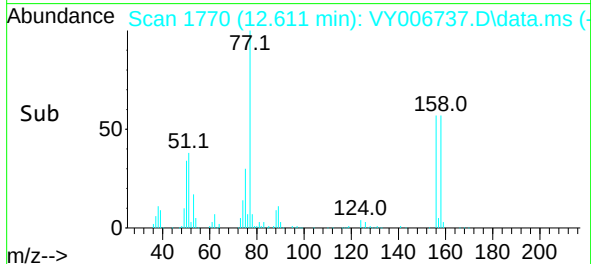
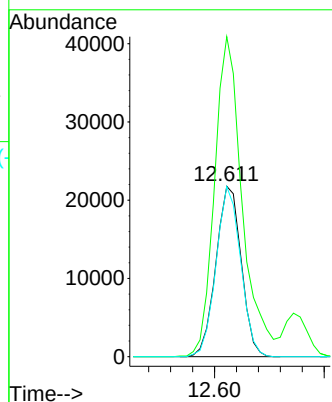
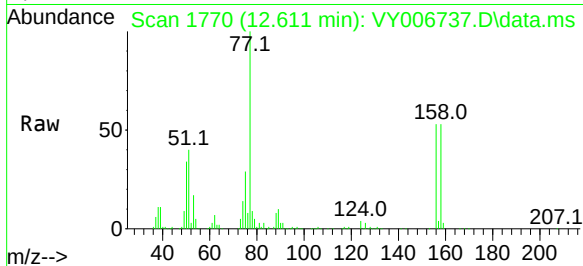




#77  
Bromobenzene  
Concen: 20.636 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

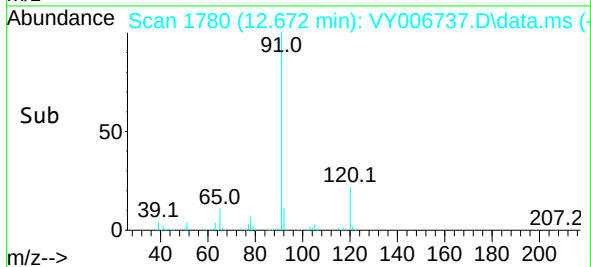
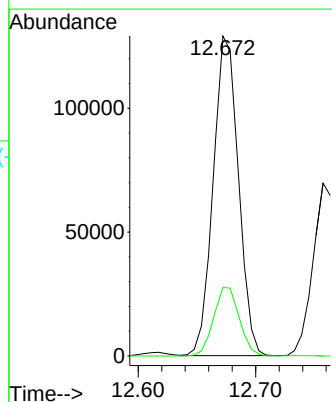
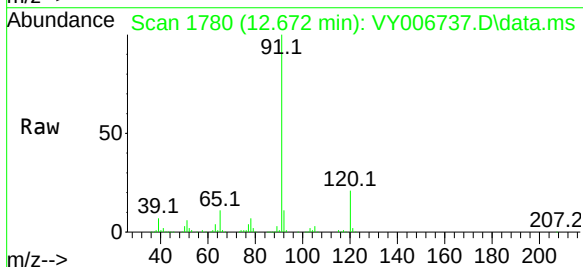
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

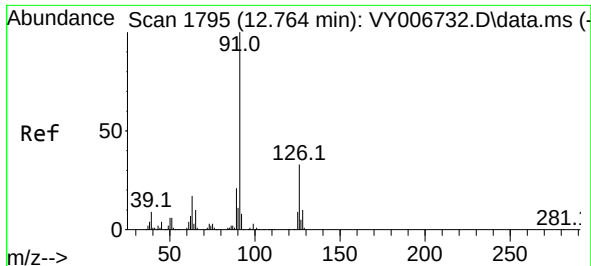
Tgt Ion:156 Resp: 34879  
Ion Ratio Lower Upper  
156 100  
77 205.1 94.2 282.4  
158 97.2 48.6 145.8



#78  
n-propylbenzene  
Concen: 21.274 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 91 Resp: 192480  
Ion Ratio Lower Upper  
91 100  
120 21.8 11.3 33.8

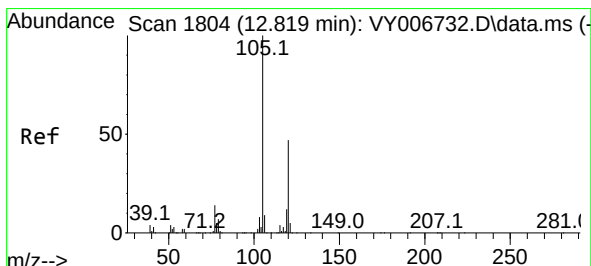
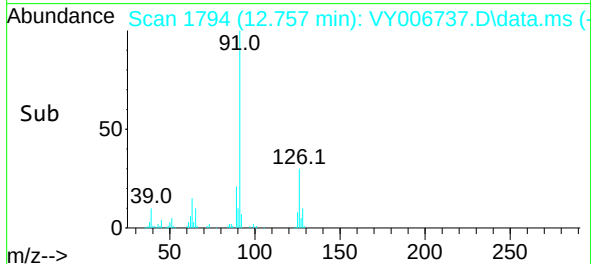
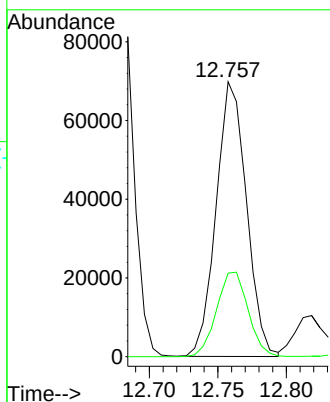
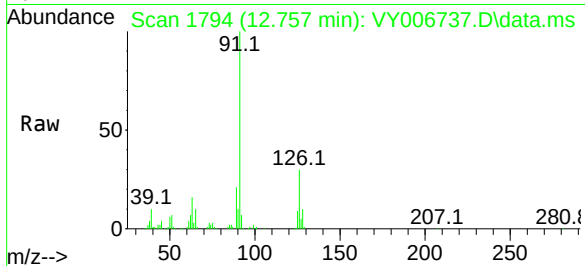




#79  
2-Chlorotoluene  
Concen: 21.707 ug/l  
RT: 12.757 min Scan# 1794  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

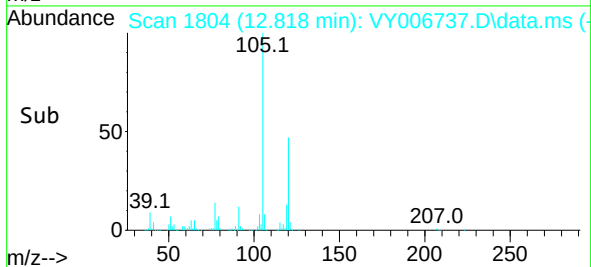
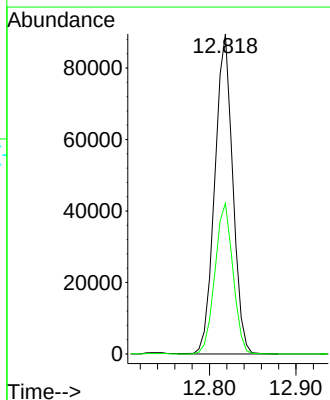
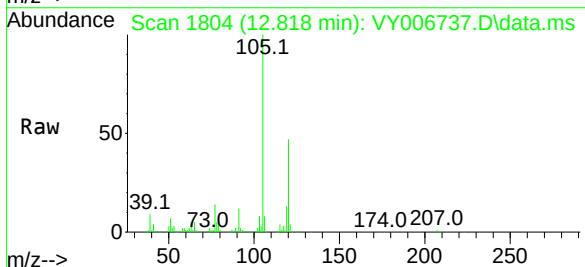
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

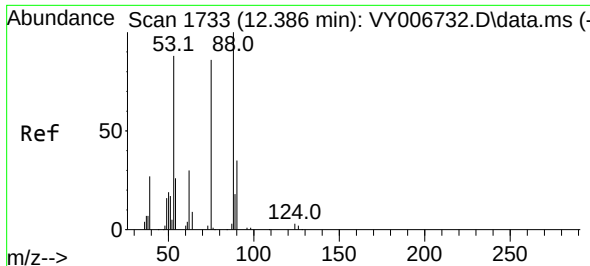
Tgt Ion: 91 Resp: 107473  
Ion Ratio Lower Upper  
91 100  
126 32.1 17.1 51.2



#80  
1,3,5-Trimethylbenzene  
Concen: 21.159 ug/l  
RT: 12.818 min Scan# 1804  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 105 Resp: 128705  
Ion Ratio Lower Upper  
105 100  
120 47.2 24.1 72.4

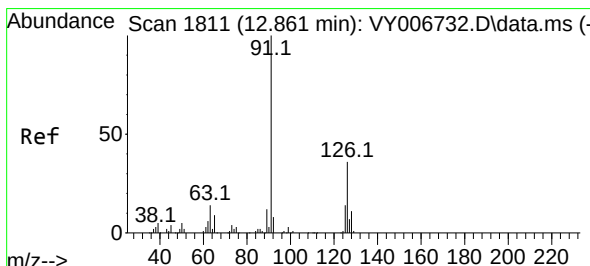
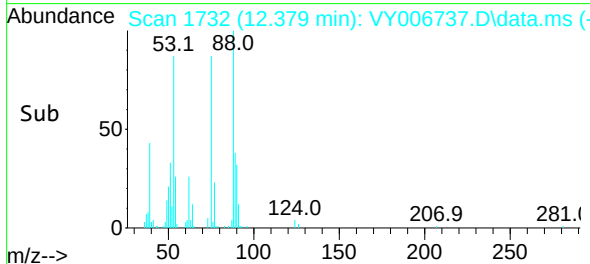
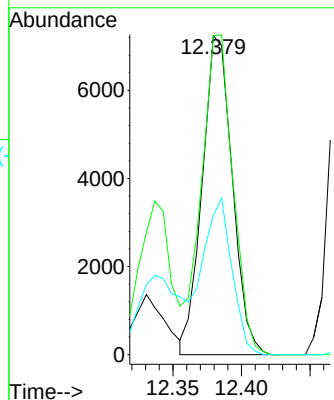
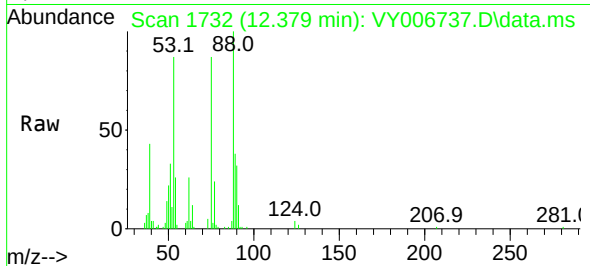




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.655 ug/l  
RT: 12.379 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

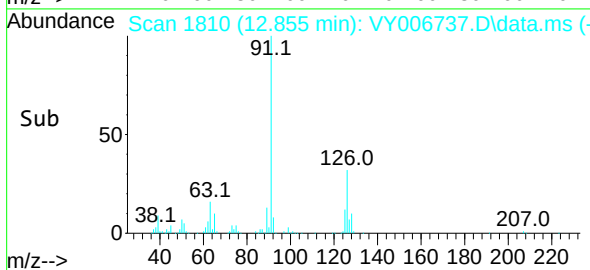
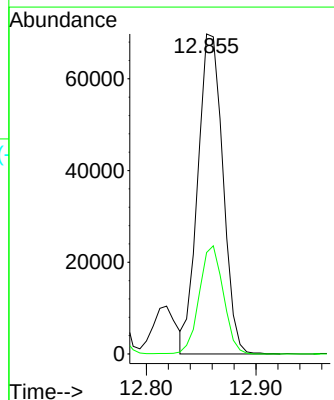
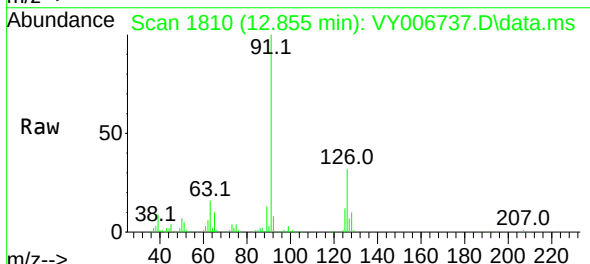
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

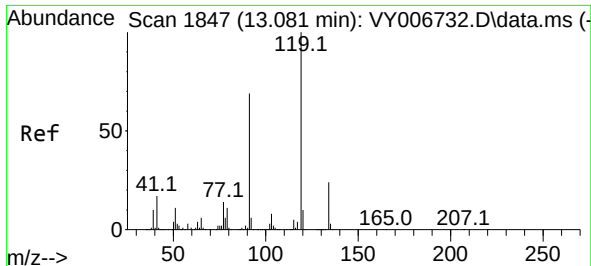
Tgt Ion: 75 Resp: 11045  
Ion Ratio Lower Upper  
75 100  
53 104.8 85.8 128.6  
89 47.3 39.3 58.9



#82  
4-Chlorotoluene  
Concen: 21.458 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 91 Resp: 111060  
Ion Ratio Lower Upper  
91 100  
126 32.4 16.8 50.4

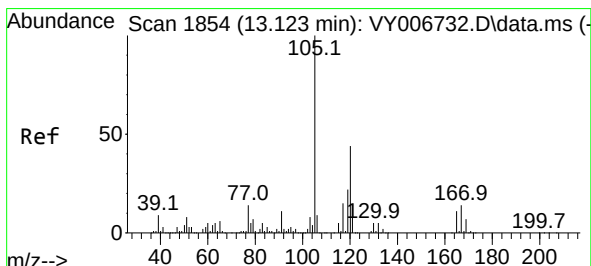
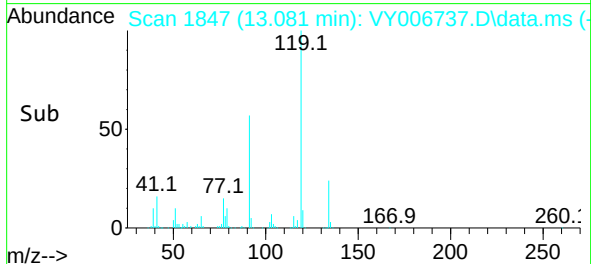
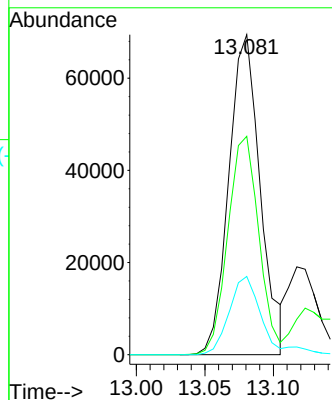
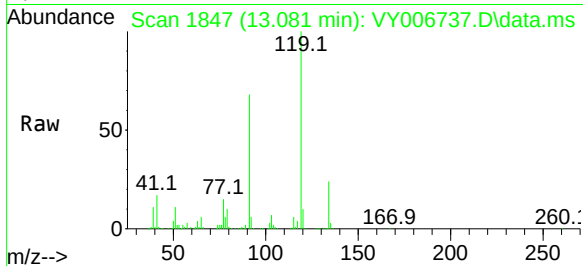




#83  
tert-Butylbenzene  
Concen: 21.036 ug/l  
RT: 13.081 min Scan# 111134  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

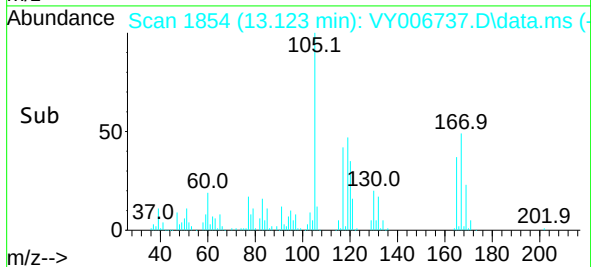
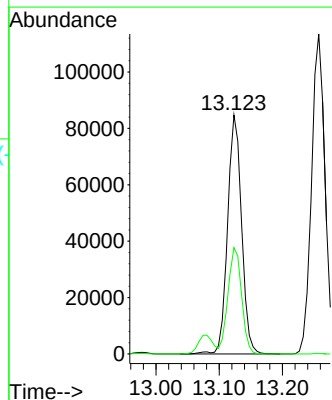
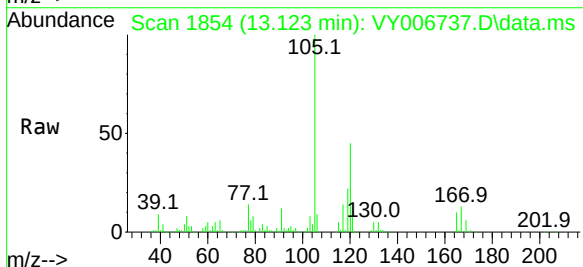
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

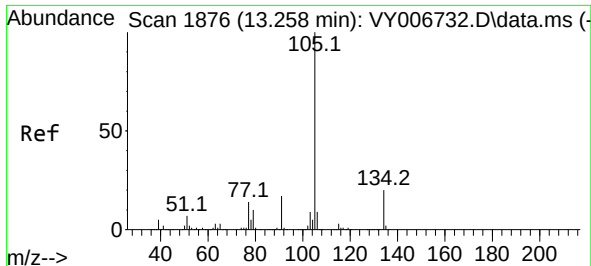
Tgt Ion:119 Resp: 111134  
Ion Ratio Lower Upper  
119 100  
91 67.3 34.8 104.5  
134 25.7 13.0 38.9



#84  
1,2,4-Trimethylbenzene  
Concen: 21.338 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion:105 Resp: 129587  
Ion Ratio Lower Upper  
105 100  
120 43.2 22.6 67.8

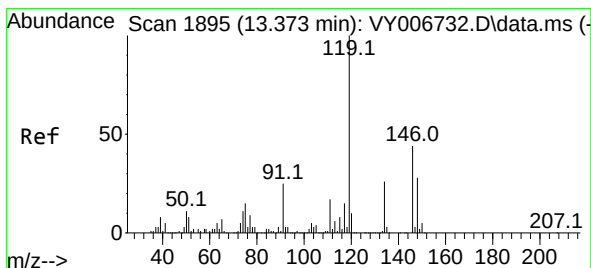
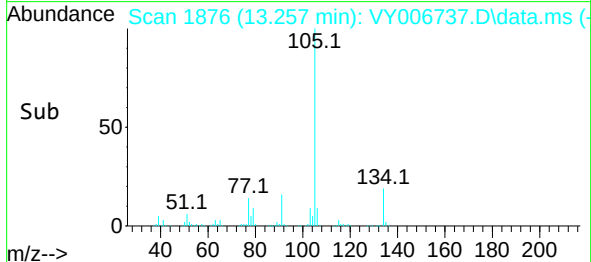
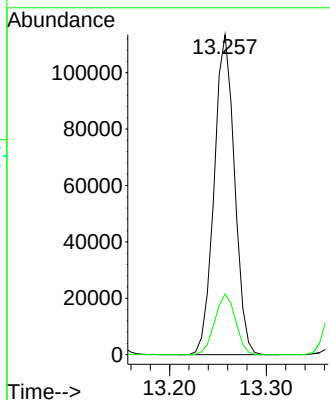
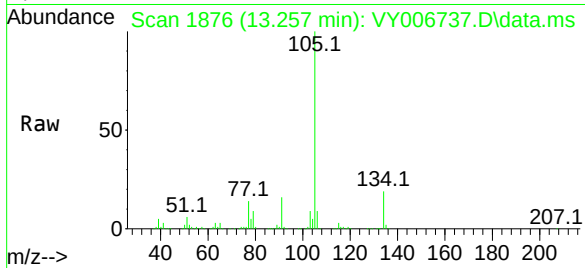




#85  
 sec-Butylbenzene  
 Concen: 21.093 ug/l  
 RT: 13.257 min Scan# 1876  
 Delta R.T. -0.000 min  
 Lab File: VY006737.D  
 Acq: 15 Nov 2021 17:48

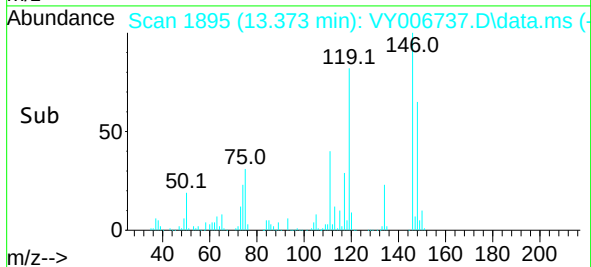
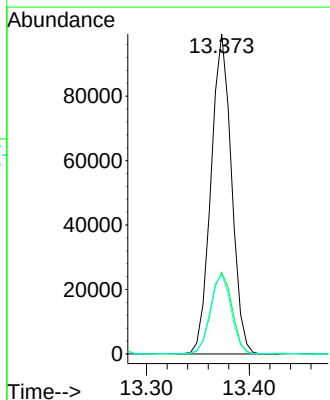
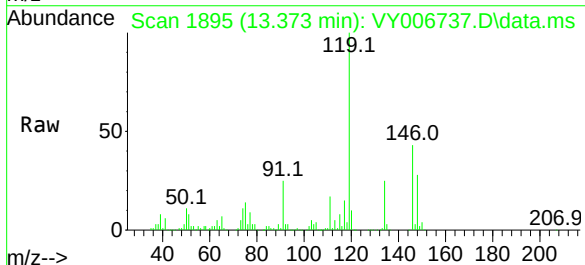
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY1115SBS01

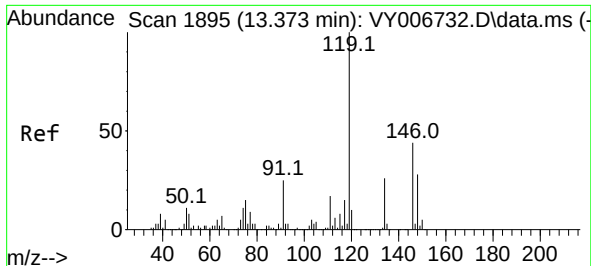
Tgt Ion:105 Resp: 165954  
 Ion Ratio Lower Upper  
 105 100  
 134 19.2 10.1 30.3



#86  
 p-Isopropyltoluene  
 Concen: 20.651 ug/l  
 RT: 13.373 min Scan# 1895  
 Delta R.T. -0.000 min  
 Lab File: VY006737.D  
 Acq: 15 Nov 2021 17:48

Tgt Ion:119 Resp: 137539  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.1 39.1  
 91 25.5 12.4 37.4

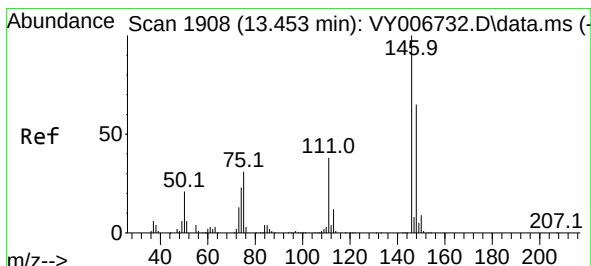
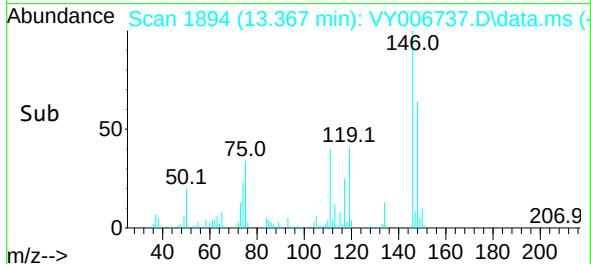
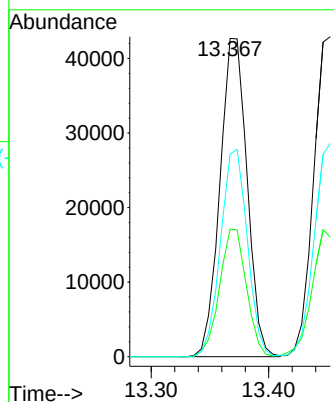
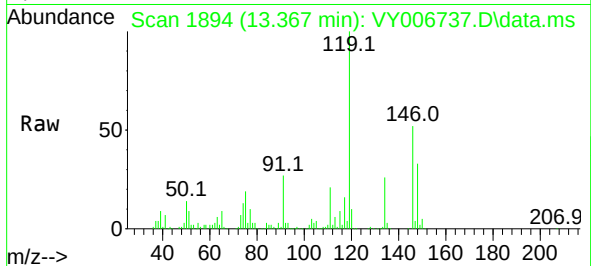




#87  
1,3-Dichlorobenzene  
Concen: 20.374 ug/l  
RT: 13.367 min Scan# 1895  
Delta R.T. -0.006 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

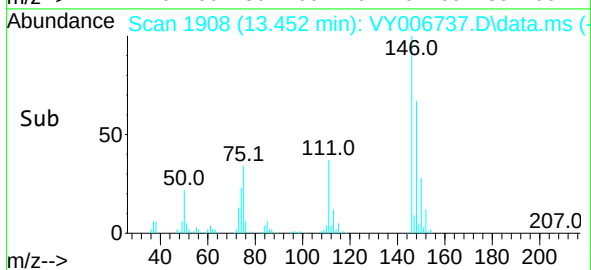
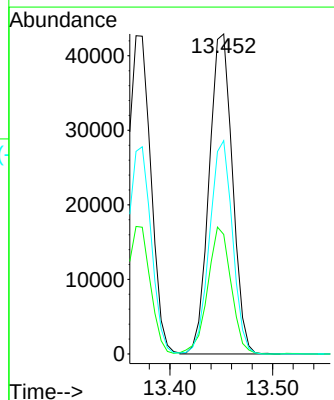
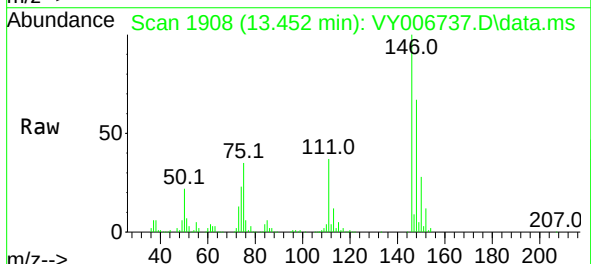
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

Tgt Ion:146 Resp: 68582  
Ion Ratio Lower Upper  
146 100  
111 39.7 19.3 57.9  
148 64.4 31.9 95.7

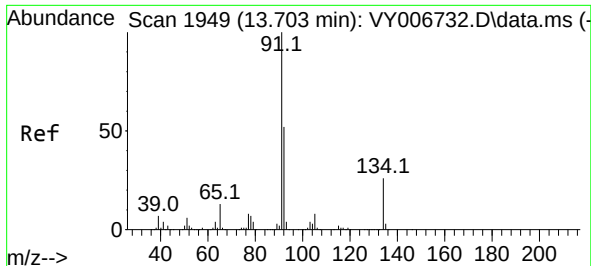


#88  
1,4-Dichlorobenzene  
Concen: 20.368 ug/l  
RT: 13.452 min Scan# 1908  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion:146 Resp: 67658  
Ion Ratio Lower Upper  
146 100  
111 39.8 18.9 56.5  
148 65.5 32.0 96.2







#89

n-Butylbenzene

Concen: 21.707 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1115SBS01

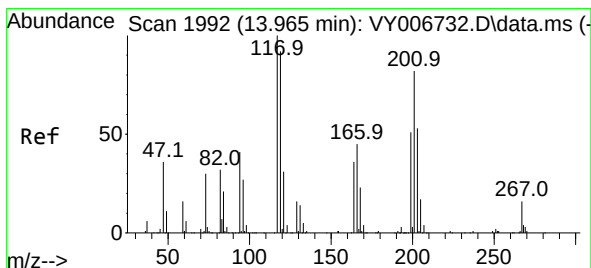
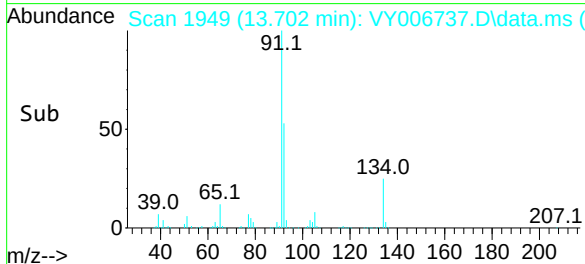
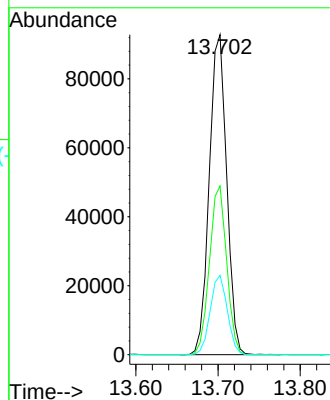
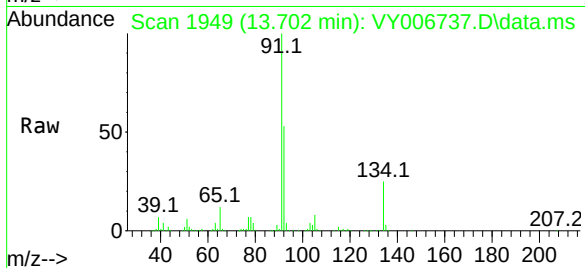
Tgt Ion: 91 Resp: 136419

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.9

134 24.4 12.9 38.7



#90

Hexachloroethane

Concen: 20.493 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.000 min

Lab File: VY006737.D

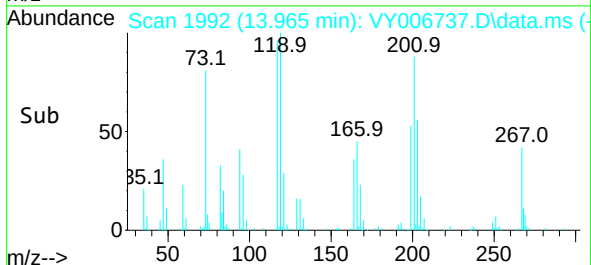
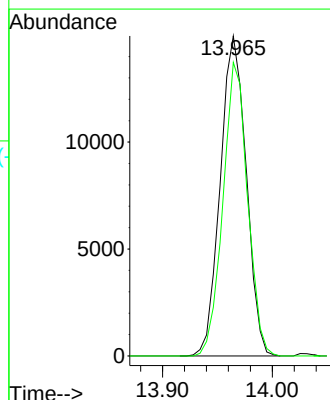
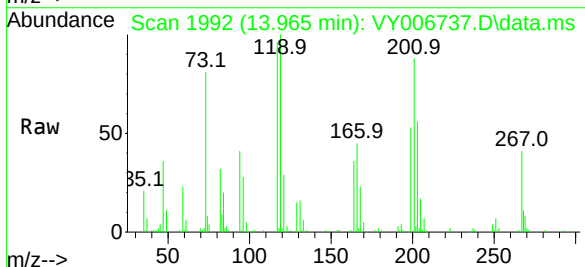
Acq: 15 Nov 2021 17:48

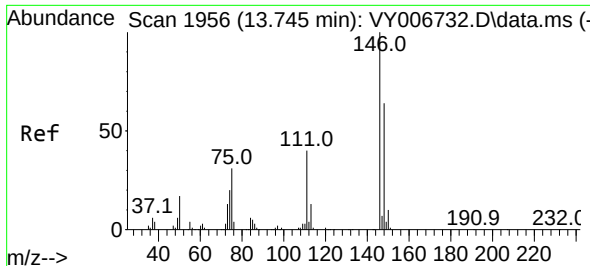
Tgt Ion: 117 Resp: 24597

Ion Ratio Lower Upper

117 100

201 86.8 43.4 130.1

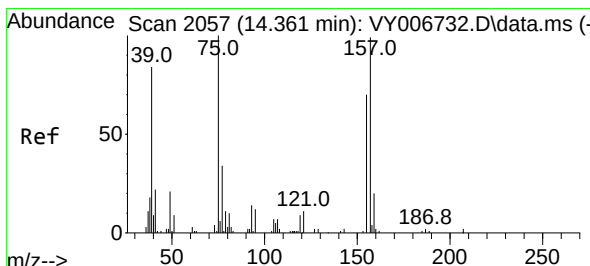
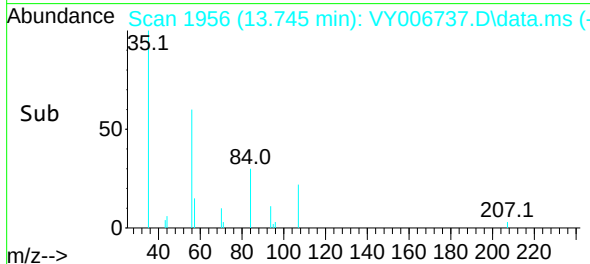
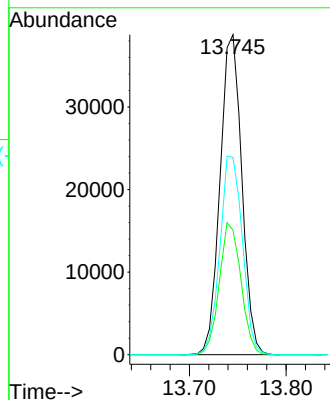
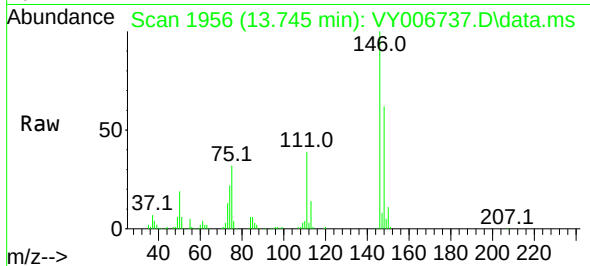




#91  
1,2-Dichlorobenzene  
Concen: 20.812 ug/l  
RT: 13.745 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

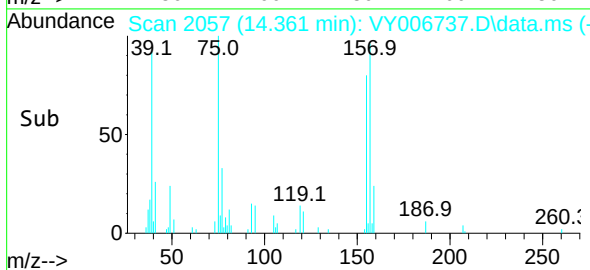
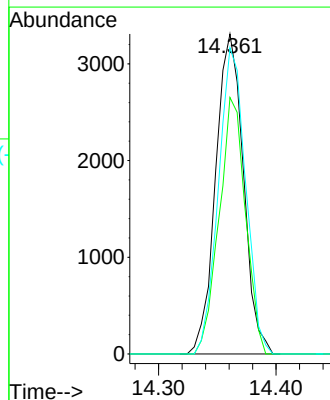
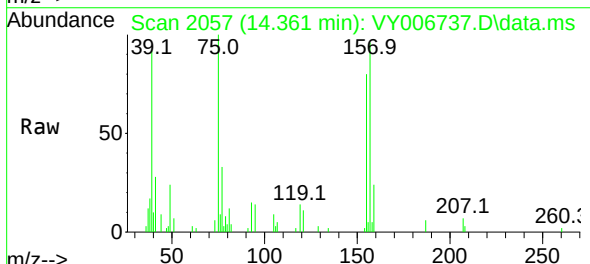
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY1115SBS01

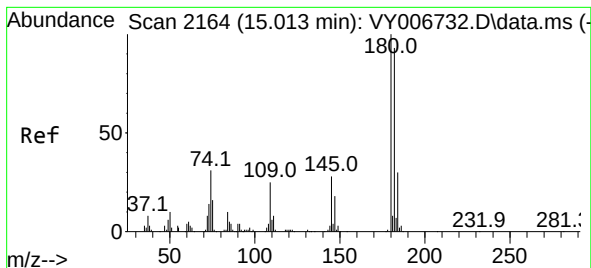
Tgt Ion:146 Resp: 60376  
Ion Ratio Lower Upper  
146 100  
111 41.1 20.1 60.3  
148 64.3 31.9 95.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 22.308 ug/l  
RT: 14.361 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VY006737.D  
Acq: 15 Nov 2021 17:48

Tgt Ion: 75 Resp: 5415  
Ion Ratio Lower Upper  
75 100  
155 76.3 39.0 116.9  
157 94.0 49.2 147.6





#93

1,2,4-Trichlorobenzene

Concen: 20.321 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1115SBS01

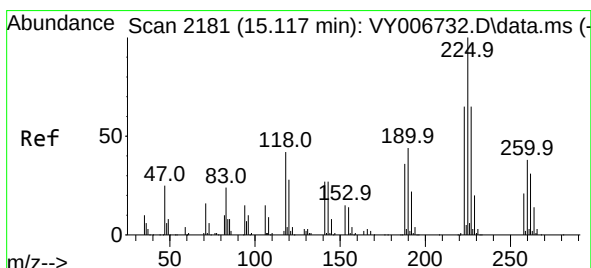
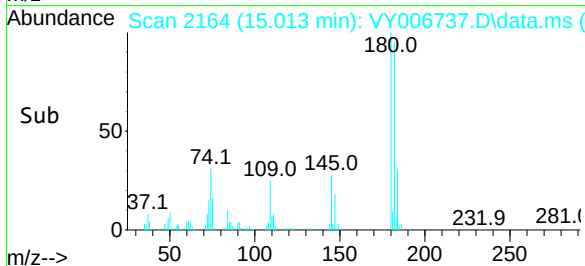
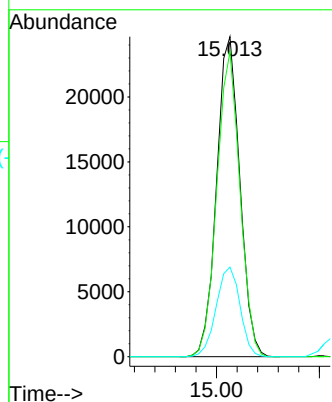
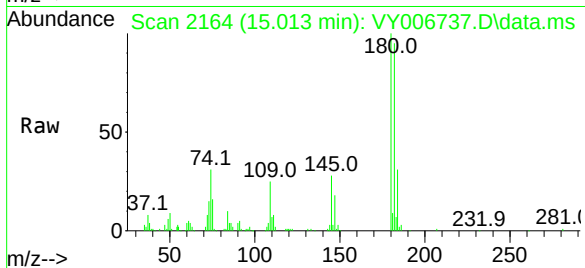
Tgt Ion:180 Resp: 38567

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.4

145 28.8 14.5 43.6



#94

Hexachlorobutadiene

Concen: 19.522 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

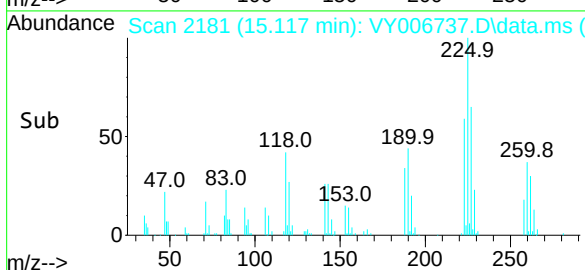
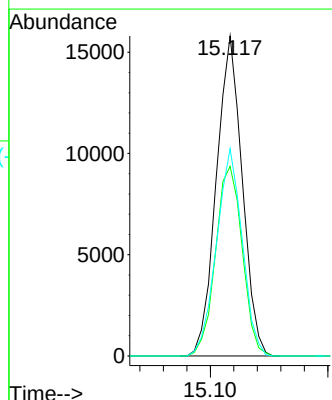
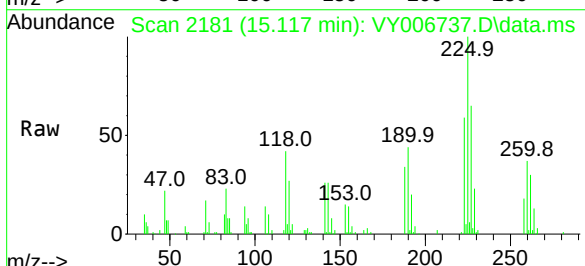
Tgt Ion:225 Resp: 24175

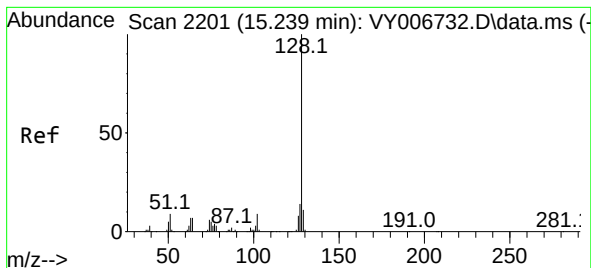
Ion Ratio Lower Upper

225 100

223 61.0 31.6 94.7

227 64.3 31.9 95.9





#95

Naphthalene

Concen: 20.923 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Instrument :

MSVOA\_Y

ClientSampleId :

VY1115SBS01

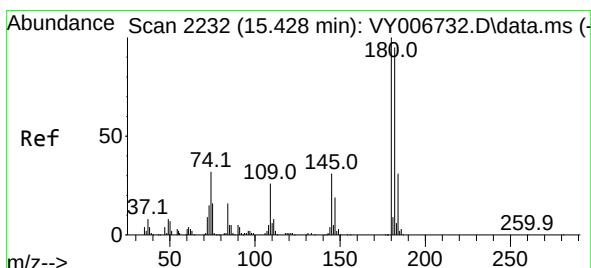
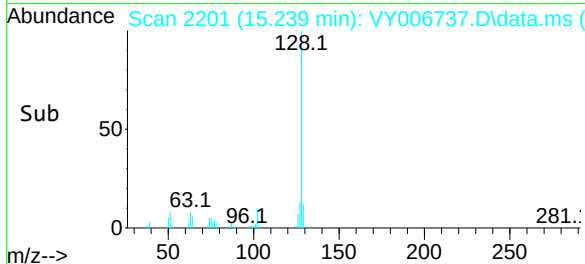
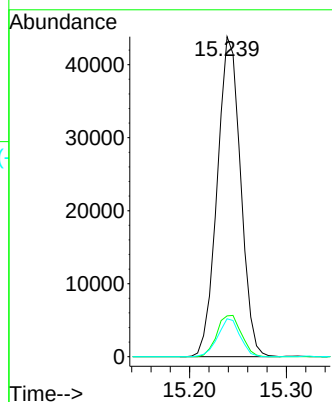
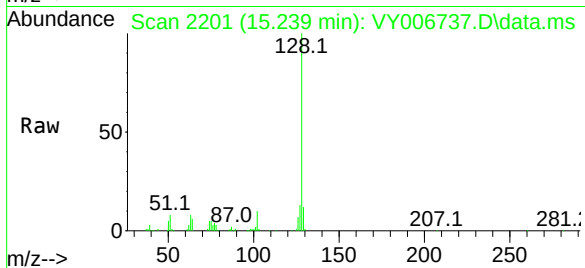
Tgt Ion:128 Resp: 73457

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.4

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 20.312 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY006737.D

Acq: 15 Nov 2021 17:48

Tgt Ion:180 Resp: 32122

Ion Ratio Lower Upper

180 100

182 95.1 47.8 143.4

145 31.4 15.3 45.8

