

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060123\  
 Data File : VY013956.D  
 Acq On : 01 Jun 2023 11:05  
 Operator : KP/MD  
 Sample : VSTDIC005  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

Quant Time: Jun 02 06:45:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060123S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 02 06:43:43 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 233564   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 382961   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 358419   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 175839   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 16453    | 5.321    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 10.640%# |
| 35) Dibromofluoromethane    | 7.716  | 113   | 11960    | 4.914    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 9.820%#  |
| 50) Toluene-d8              | 10.179 | 98    | 46497    | 5.009    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 10.020%# |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 16077    | 5.080    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 10.160%# |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 11045  | 5.374  | ug/l   | 91  |
| 3) Chloromethane             | 2.113 | 50  | 15492  | 5.443  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.247 | 62  | 14370  | 5.450  | ug/l   | 99  |
| 5) Bromomethane              | 2.656 | 94  | 12902  | 5.619  | ug/l   | 94  |
| 6) Chloroethane              | 2.796 | 64  | 9625   | 5.100  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 22604  | 5.423  | ug/l   | 96  |
| 8) Diethyl Ether             | 3.528 | 74  | 8897   | 5.444  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 3.899 | 101 | 11171  | 5.217  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.088 | 142 | 12943  | 4.386  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.930 | 59  | 33931  | 53.398 | ug/l # | 91  |
| 12) 1,1-Dichloroethene       | 3.875 | 96  | 11650  | 5.189  | ug/l   | 97  |
| 13) Acrolein                 | 3.735 | 56  | 8269   | 28.417 | ug/l   | 93  |
| 14) Allyl chloride           | 4.479 | 41  | 21324  | 4.894  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.161 | 53  | 23876  | 26.329 | ug/l   | 99  |
| 16) Acetone                  | 3.954 | 43  | 26836  | 25.369 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.198 | 76  | 39465  | 5.198  | ug/l # | 92  |
| 18) Methyl Acetate           | 4.485 | 43  | 20020  | 5.238  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.216 | 73  | 35445  | 4.880  | ug/l   | 92  |
| 20) Methylene Chloride       | 4.722 | 84  | 22881  | 4.350  | ug/l # | 93  |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 12869  | 5.060  | ug/l   | 95  |
| 22) Diisopropyl ether        | 6.125 | 45  | 39957  | 4.731  | ug/l # | 95  |
| 23) Vinyl Acetate            | 6.064 | 43  | 123663 | 23.344 | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 24372  | 5.170  | ug/l # | 96  |
| 25) 2-Butanone               | 6.990 | 43  | 34422  | 26.120 | ug/l   | 90  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 24331  | 5.687  | ug/l   | 94  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 15175  | 5.212  | ug/l   | 94  |
| 28) Bromochloromethane       | 7.338 | 49  | 10538  | 4.733  | ug/l # | 14  |
| 29) Tetrahydrofuran          | 7.350 | 42  | 19962  | 24.359 | ug/l   | 98  |
| 30) Chloroform               | 7.509 | 83  | 25558  | 5.164  | ug/l   | 95  |
| 31) Cyclohexane              | 7.783 | 56  | 22067  | 5.927  | ug/l # | 81  |
| 32) 1,1,1-Trichloroethane    | 7.698 | 97  | 21456  | 5.110  | ug/l   | 97  |
| 36) 1,1-Dichloropropene      | 7.923 | 75  | 16834  | 4.855  | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.076 | 43  | 16130  | 5.336  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.905 | 117 | 19791  | 5.094  | ug/l   | 92  |
| 39) Methylcyclohexane        | 9.185 | 83  | 17254  | 4.661  | ug/l   | 95  |
| 40) Benzene                  | 8.161 | 78  | 53838  | 5.033  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060123\  
 Data File : VY013956.D  
 Acq On : 01 Jun 2023 11:05  
 Operator : KP/MD  
 Sample : VSTDICC005  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICC005

Quant Time: Jun 02 06:45:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060123S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 02 06:43:43 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.307  | 41   | 7116     | 5.093  | ug/l # | 66       |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 20701    | 5.278  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.271  | 43   | 24859    | 4.884  | ug/l   | 99       |
| 44) Trichloroethene           | 8.941  | 130  | 14259    | 5.091  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.222  | 63   | 13758    | 4.984  | ug/l   | 97       |
| 46) Dibromomethane            | 9.307  | 93   | 9044     | 5.118  | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.496  | 83   | 20221    | 5.080  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.295  | 41   | 10293    | 4.443  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.313  | 88   | 2558     | 99.539 | ug/l # | 69       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 69687    | 24.238 | ug/l   | 98       |
| 52) Toluene                   | 10.246 | 92   | 31587    | 4.821  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 20559    | 4.808  | ug/l   | 92       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 21924    | 4.802  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.648 | 97   | 11844    | 5.084  | ug/l   | 92       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 14719    | 4.400  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 19774    | 4.967  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 29011    | 39.104 | ug/l   | 96       |
| 59) 2-Hexanone                | 10.831 | 43   | 47049    | 22.599 | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.984 | 129  | 15255    | 5.181  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 12057    | 5.151  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.721 | 164  | 12362    | 5.035  | ug/l   | 91       |
| 65) Chlorobenzene             | 11.514 | 112  | 38202    | 5.195  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 14260    | 4.982  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.593 | 91   | 59316    | 4.660  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.703 | 106  | 45075    | 9.271  | ug/l   | 96       |
| 69) o-Xylene                  | 12.026 | 106  | 21408    | 4.595  | ug/l   | 94       |
| 70) Styrene                   | 12.044 | 104  | 36488    | 4.560  | ug/l   | 98       |
| 71) Bromoform                 | 12.209 | 173  | 10397    | 4.927  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.331 | 105  | 52901    | 4.558  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.142 | 43   | 19687    | 4.421  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 15316    | 5.049  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 19945    | 8.412  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 15165    | 4.834  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.672 | 91   | 62931    | 4.424  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 39581    | 4.700  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 45057    | 4.530  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 5297     | 4.749  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 41468    | 4.682  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 37119    | 4.456  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 43752    | 4.404  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 55663    | 4.595  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 45558    | 4.456  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 29475    | 4.947  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 31088    | 5.158  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.696 | 91   | 43682    | 4.528  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 10685    | 4.979  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 26881    | 4.897  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.361 | 75   | 2787     | 4.764  | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 15609    | 4.626  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 8859     | 4.929  | ug/l   | 97       |
| 95) Naphthalene               | 15.233 | 128  | 30663    | 7.327  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 13931    | 4.533  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060123\  
Data File : VY013956.D  
Acq On : 01 Jun 2023 11:05  
Operator : KP/MD  
Sample : VSTDICC005  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 3 Sample Multiplier: 1

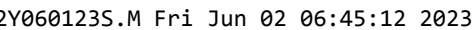
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

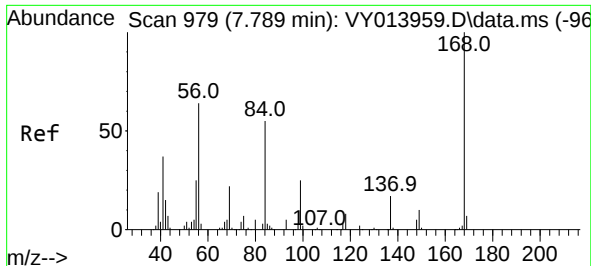
Quant Time: Jun 02 06:45:01 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060123S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 02 06:43:43 2023  
Response via : Initial Calibration

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

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

Quant Time: Jun 02 06:45:01 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060123S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 02 06:43:43 2023  
Response via : Initial Calibration

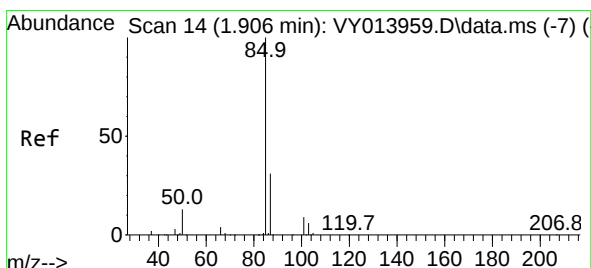
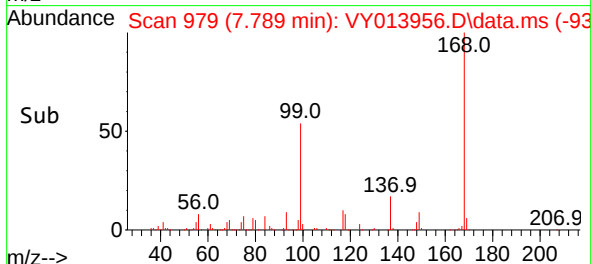
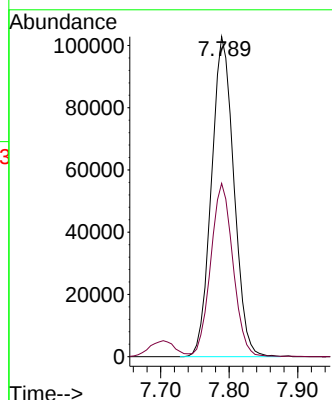
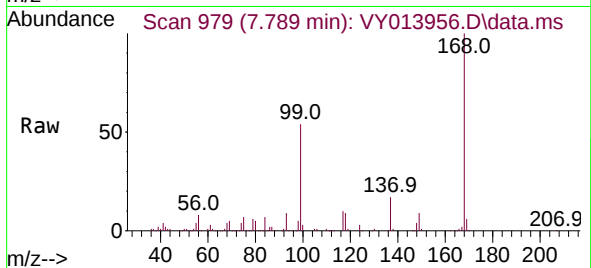




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

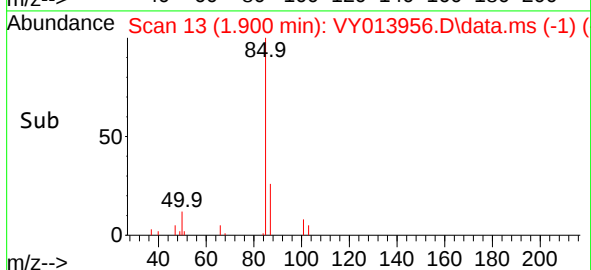
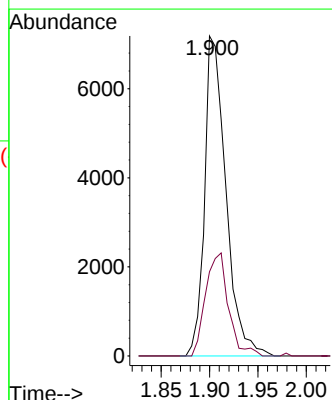
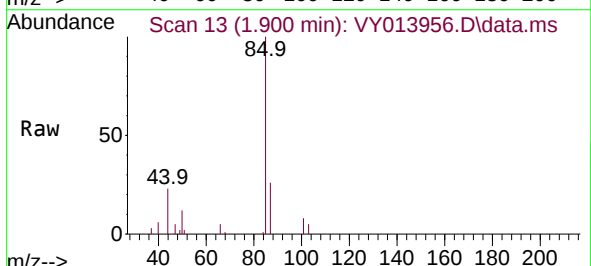
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

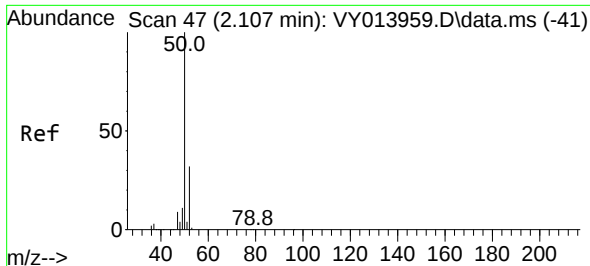
Tgt Ion:168 Resp: 233564  
Ion Ratio Lower Upper  
168 100  
99 54.0 43.4 65.0



#2  
Dichlorodifluoromethane  
Concen: 5.374 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion: 85 Resp: 11045  
Ion Ratio Lower Upper  
85 100  
87 26.3 15.6 46.8

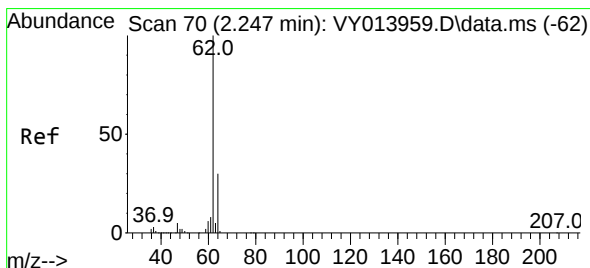
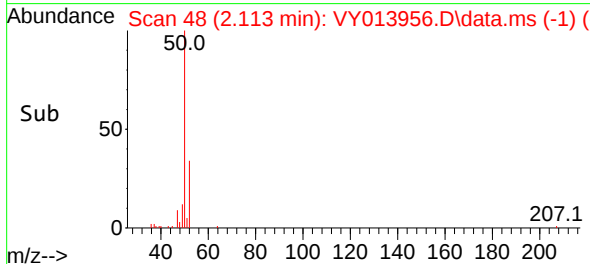
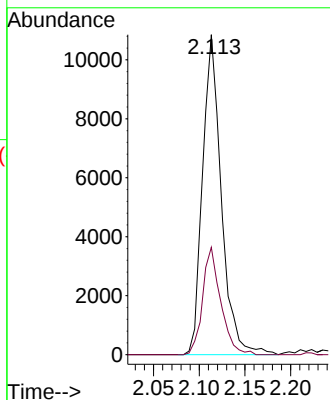
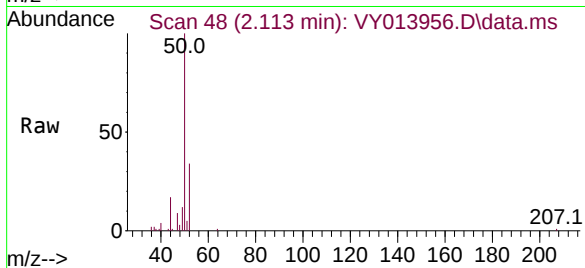




#3  
Chloromethane  
Concen: 5.443 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

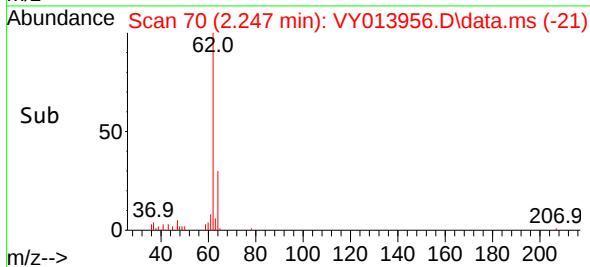
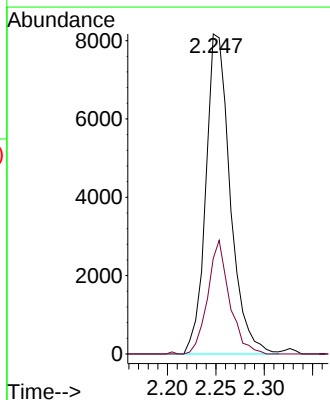
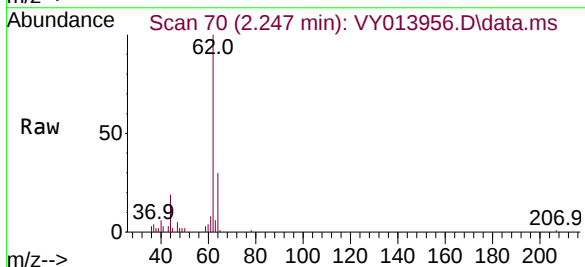
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

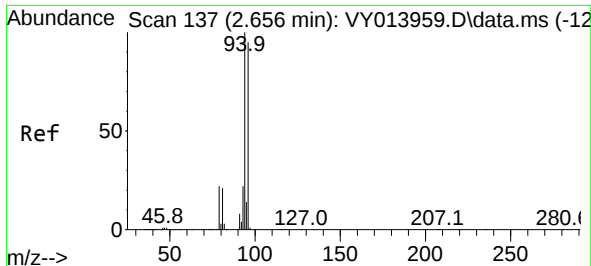
Tgt Ion: 50 Resp: 15492  
Ion Ratio Lower Upper  
50 100  
52 33.6 25.4 38.2



#4  
Vinyl Chloride  
Concen: 5.450 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion: 62 Resp: 14370  
Ion Ratio Lower Upper  
62 100  
64 29.8 24.3 36.5

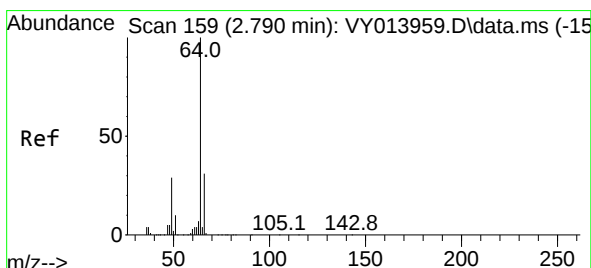
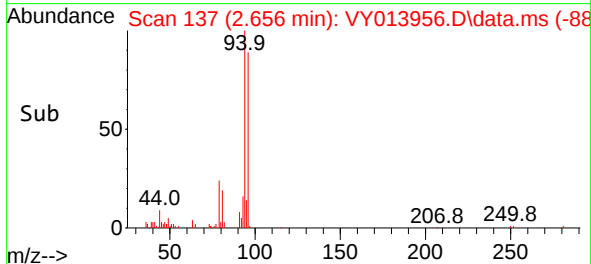
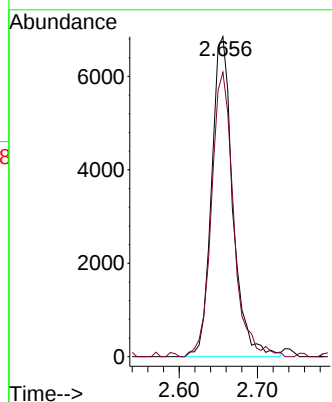
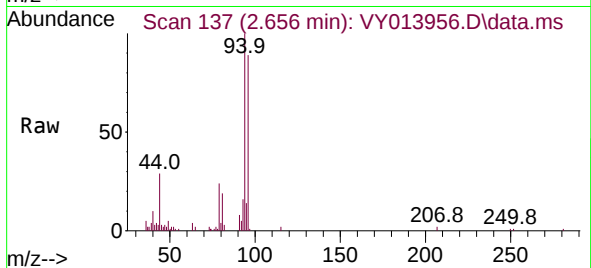




#5  
Bromomethane  
Concen: 5.619 ug/l  
RT: 2.656 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

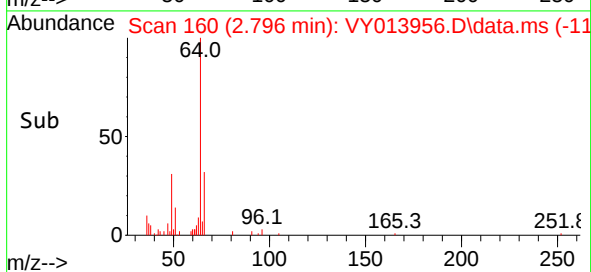
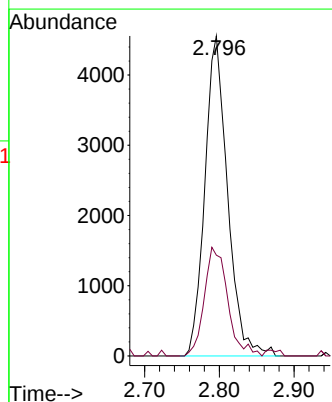
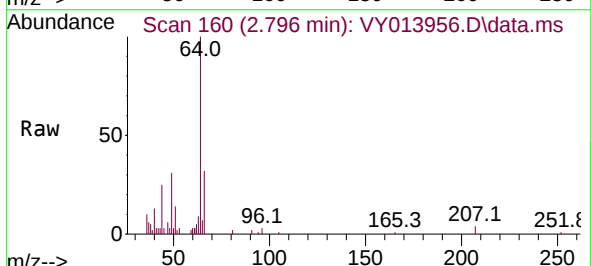
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

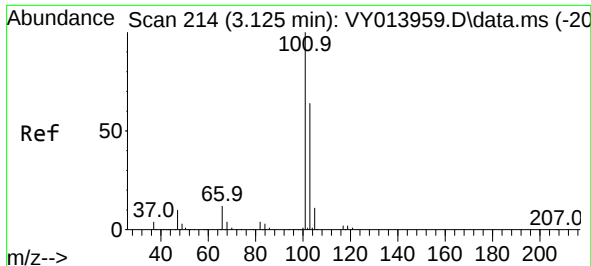
Tgt Ion: 94 Resp: 12902  
Ion Ratio Lower Upper  
94 100  
96 88.9 75.8 113.6



#6  
Chloroethane  
Concen: 5.100 ug/l  
RT: 2.796 min Scan# 160  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion: 64 Resp: 9625  
Ion Ratio Lower Upper  
64 100  
66 31.5 24.4 36.6

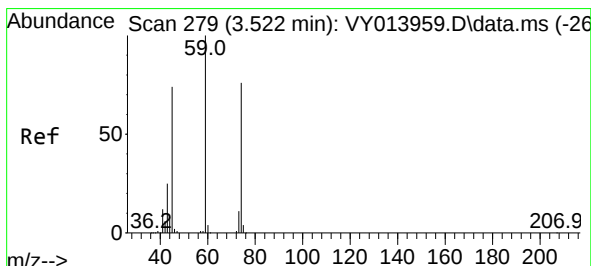
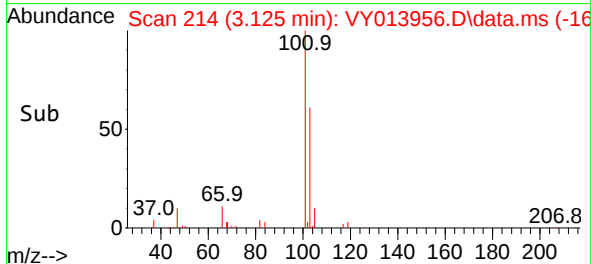
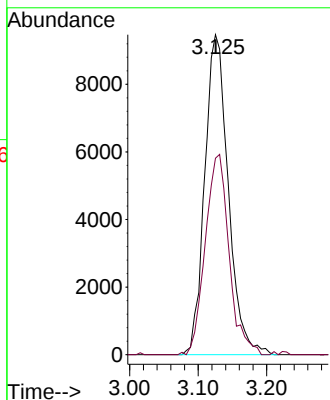
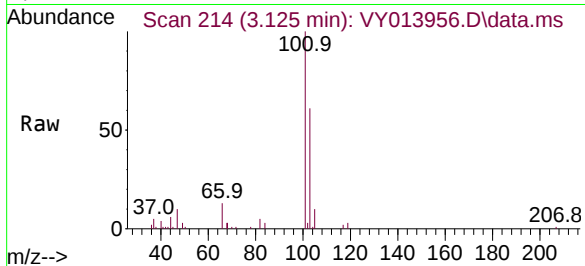




#7  
 Trichlorofluoromethane  
 Concen: 5.423 ug/l  
 RT: 3.125 min Scan# 214  
 Delta R.T. -0.000 min  
 Lab File: VY013956.D  
 Acq: 01 Jun 2023 11:05

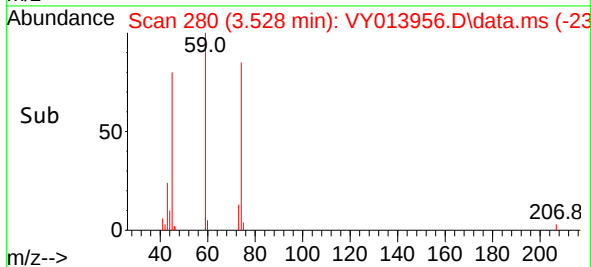
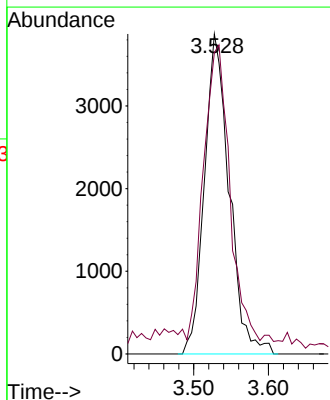
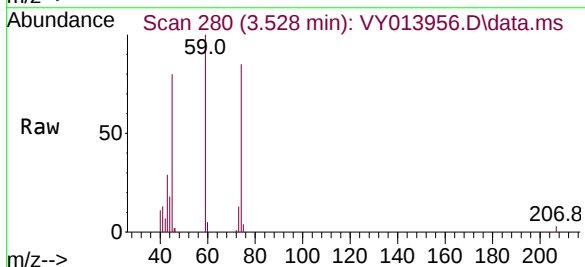
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

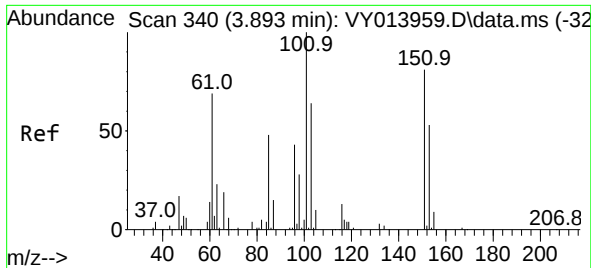
Tgt Ion: 101 Resp: 22604  
 Ion Ratio Lower Upper  
 101 100  
 103 61.4 51.4 77.0



#8  
 Diethyl Ether  
 Concen: 5.444 ug/l  
 RT: 3.528 min Scan# 280  
 Delta R.T. 0.006 min  
 Lab File: VY013956.D  
 Acq: 01 Jun 2023 11:05

Tgt Ion: 74 Resp: 8897  
 Ion Ratio Lower Upper  
 74 100  
 45 98.7 51.5 154.5

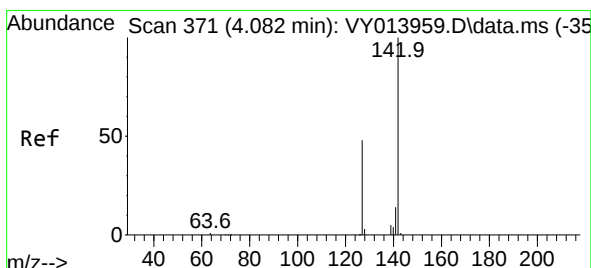
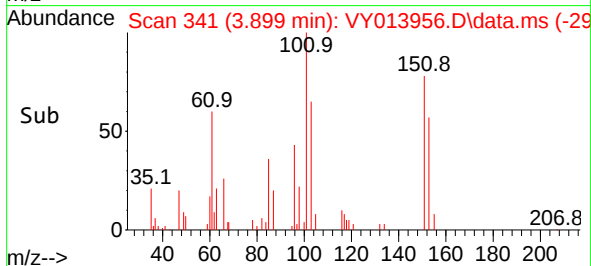
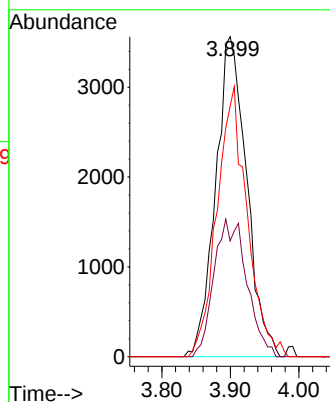
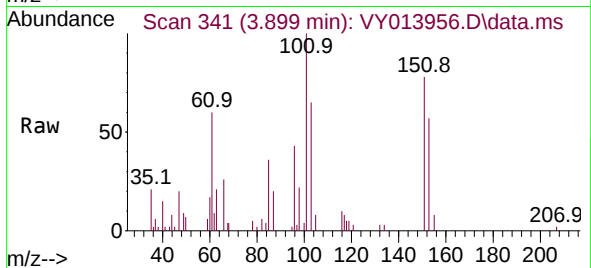




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.217 ug/l  
RT: 3.899 min Scan# 341  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

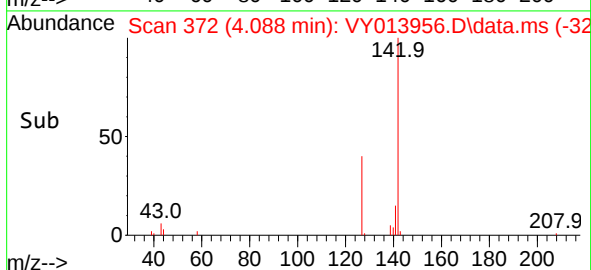
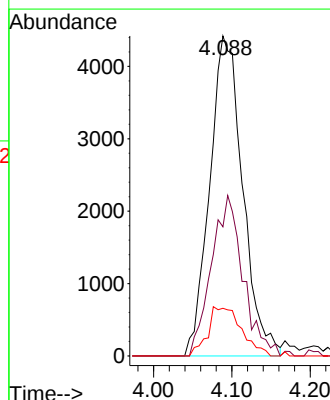
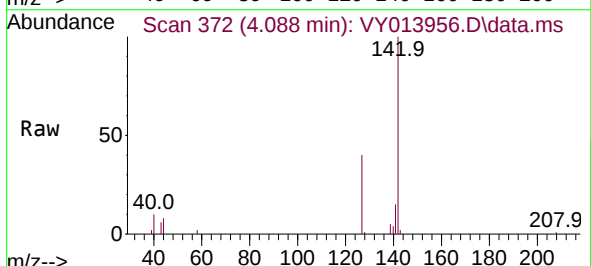
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

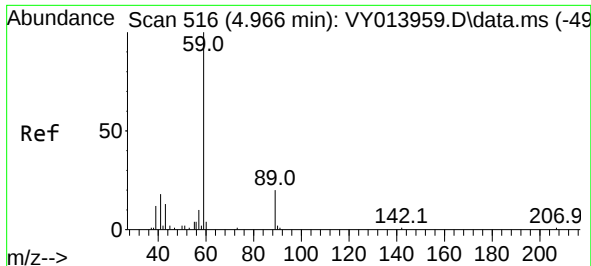
Tgt Ion:101 Resp: 11171  
Ion Ratio Lower Upper  
101 100  
85 45.6 36.6 55.0  
151 82.1 67.0 100.6



#10  
Methyl Iodide  
Concen: 4.386 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion:142 Resp: 12943  
Ion Ratio Lower Upper  
142 100  
127 48.4 37.6 56.4  
141 15.6 11.8 17.8

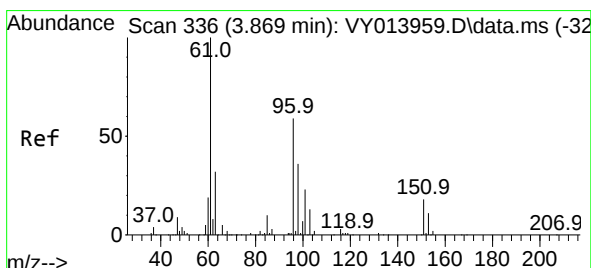
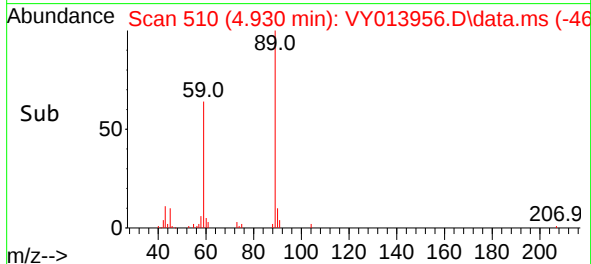
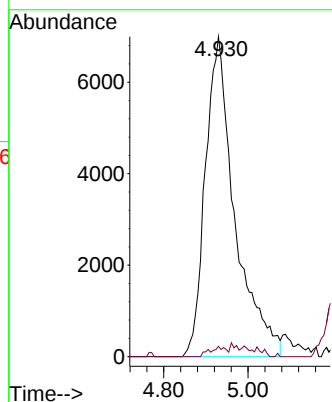
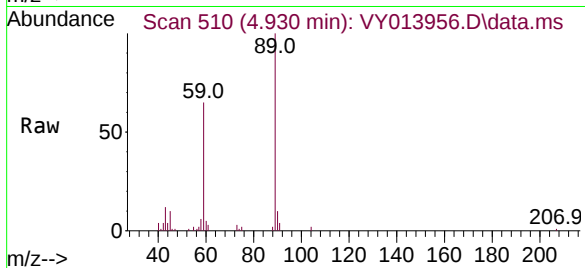




#11  
Tert butyl alcohol  
Concen: 53.398 ug/l  
RT: 4.930 min Scan# 516  
Delta R.T. -0.036 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

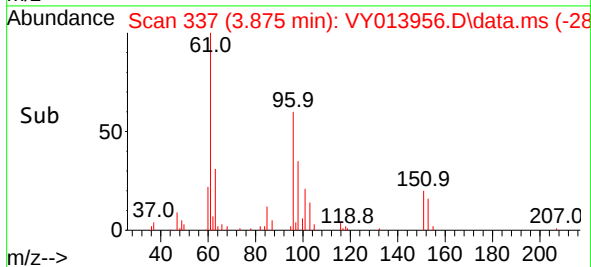
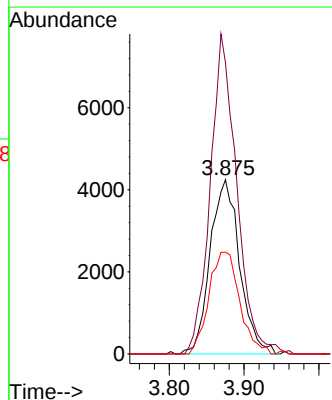
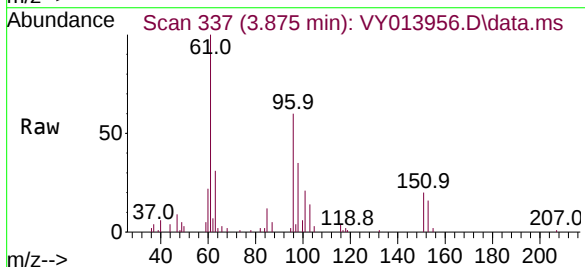
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

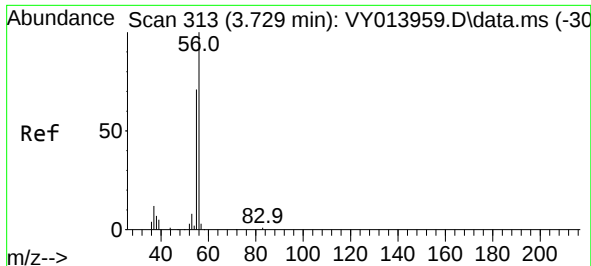
Tgt Ion: 59 Resp: 33931  
Ion Ratio Lower Upper  
59 100  
57 0.7 3.0 4.4#



#12  
1,1-Dichloroethene  
Concen: 5.189 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion: 96 Resp: 11650  
Ion Ratio Lower Upper  
96 100  
61 167.2 136.4 204.6  
98 58.4 49.4 74.2





#13

Acrolein

Concen: 28.417 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

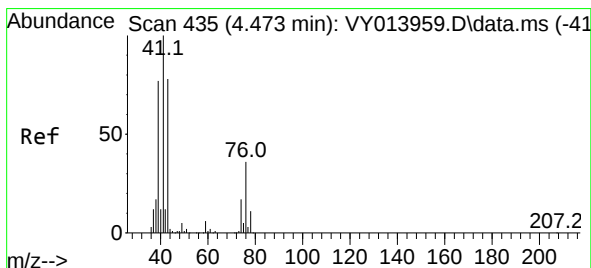
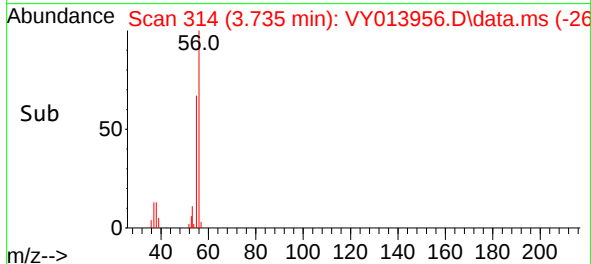
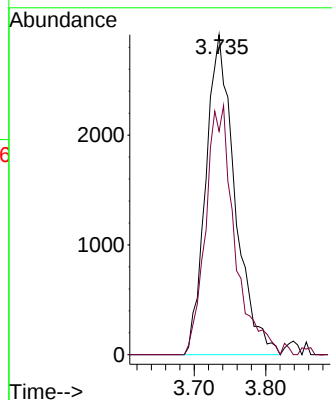
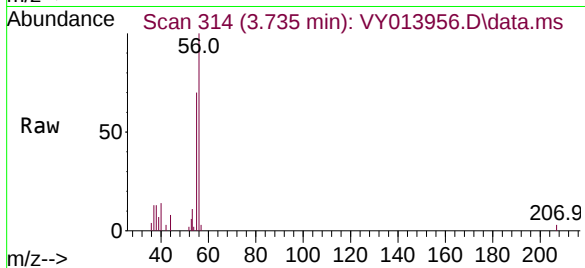
VSTDICC005

Tgt Ion: 56 Resp: 8269

Ion Ratio Lower Upper

56 100

55 77.2 57.0 85.4



#14

Allyl chloride

Concen: 4.894 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

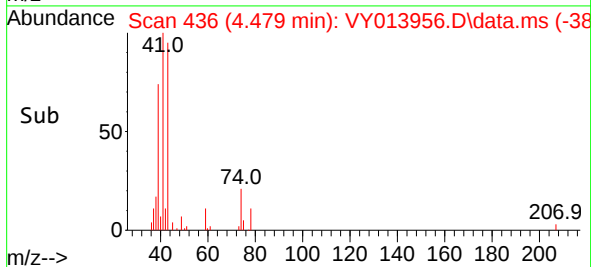
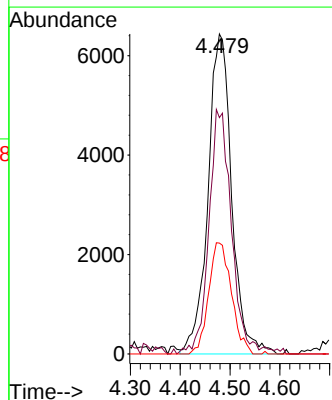
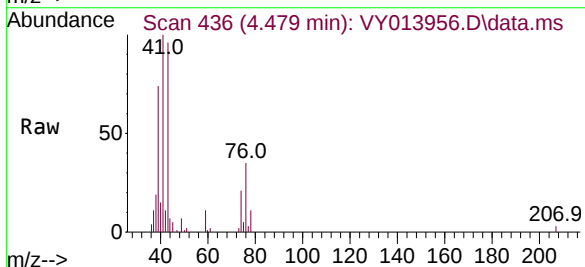
Tgt Ion: 41 Resp: 21324

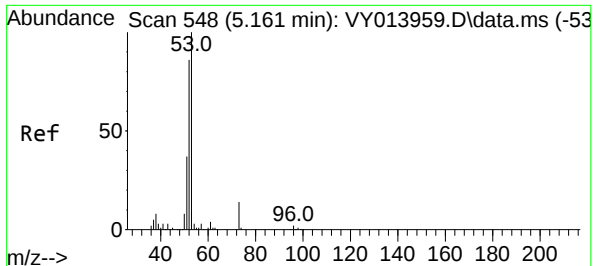
Ion Ratio Lower Upper

41 100

39 72.0 58.0 87.0

76 33.2 27.4 41.2

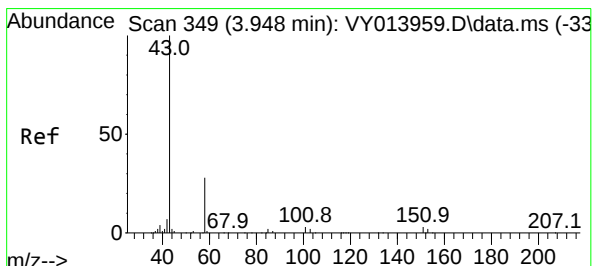
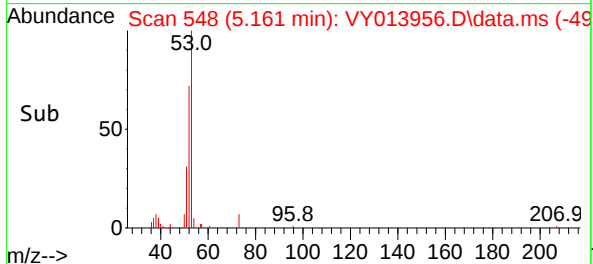
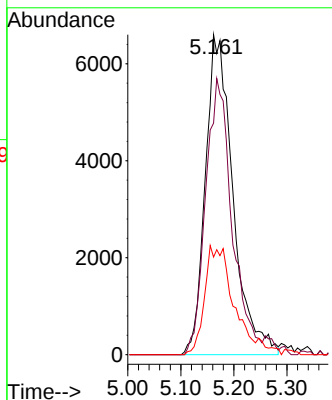
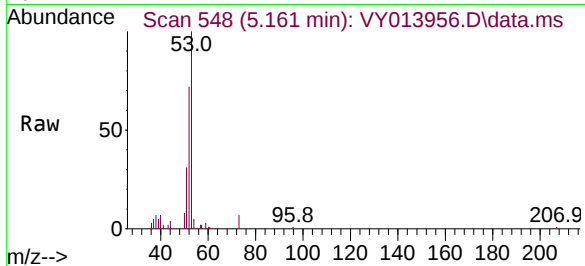




#15  
Acrylonitrile  
Concen: 26.329 ug/l  
RT: 5.161 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

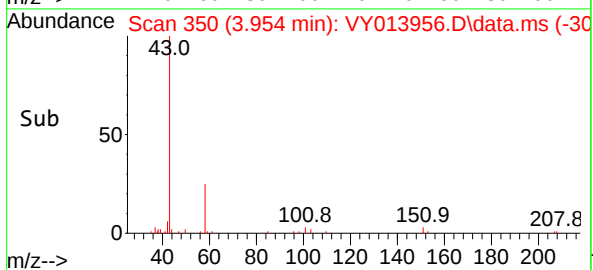
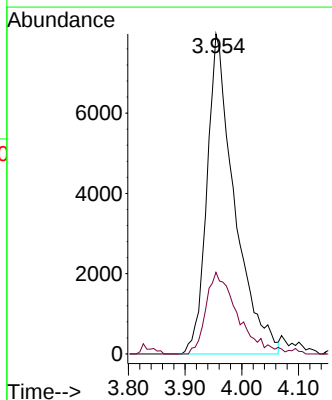
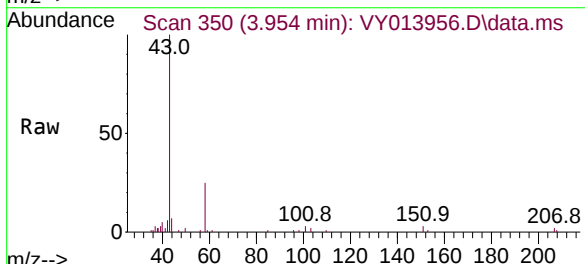
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

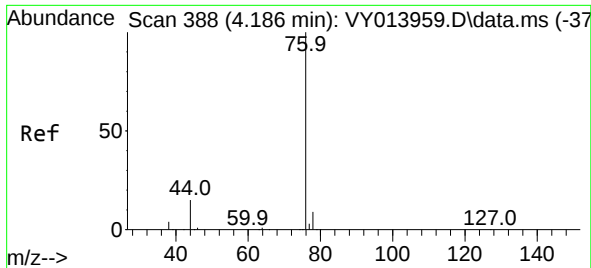
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 23876 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 82.4     | 66.9 100.3  |
| 51 36.6     | 29.8 44.6   |



#16  
Acetone  
Concen: 25.369 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 26836 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 25.5     | 22.7 34.1   |

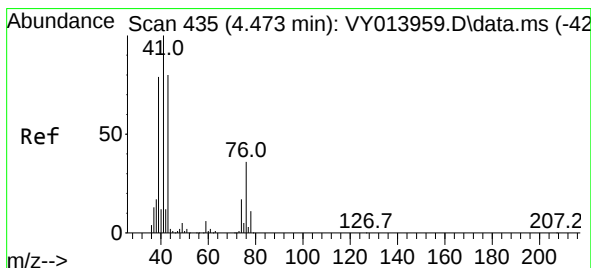
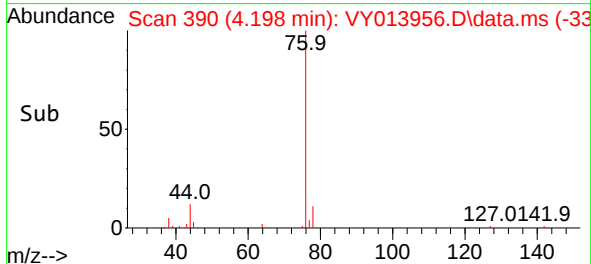
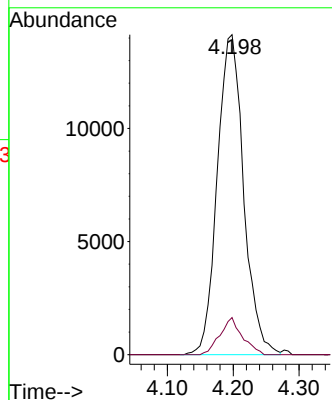
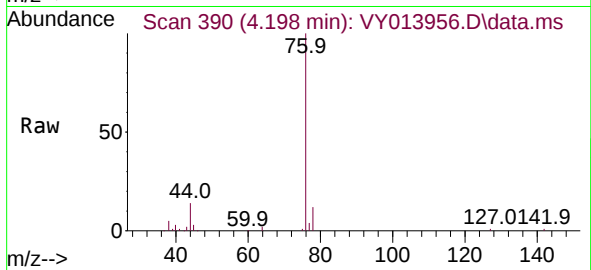




#17  
Carbon Disulfide  
Concen: 5.198 ug/l  
RT: 4.198 min Scan# 390  
Delta R.T. 0.012 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

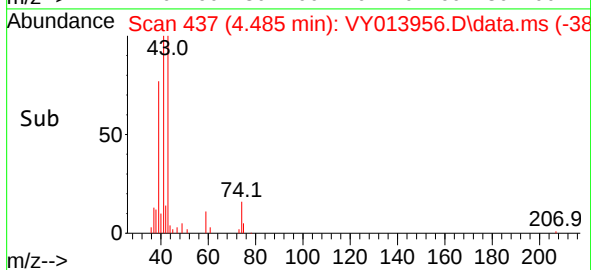
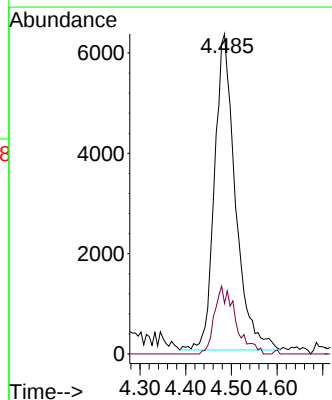
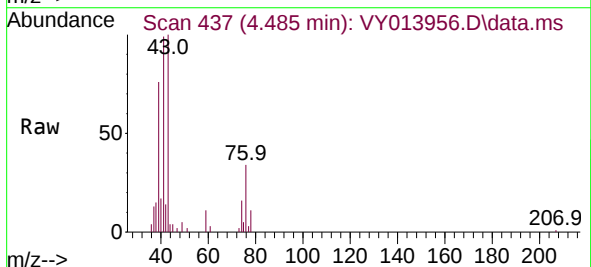
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

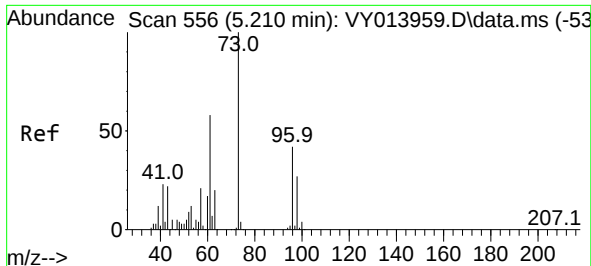
Tgt Ion: 76 Resp: 39465  
Ion Ratio Lower Upper  
76 100  
78 11.6 7.0 10.4#



#18  
Methyl Acetate  
Concen: 5.238 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. 0.012 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion: 43 Resp: 20020  
Ion Ratio Lower Upper  
43 100  
74 21.7 17.4 26.0

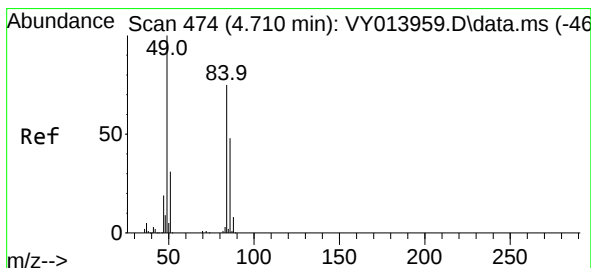
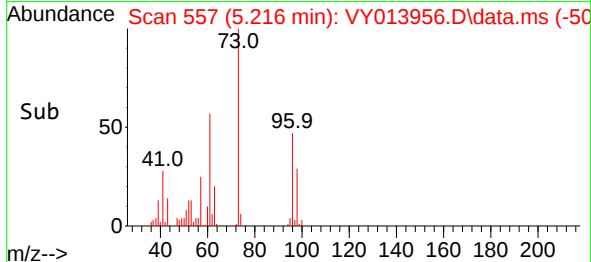
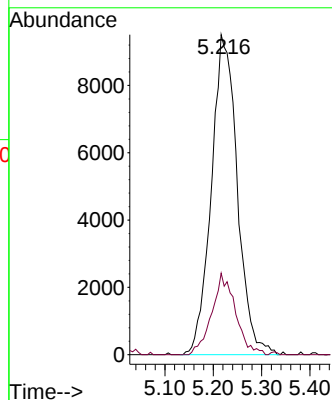
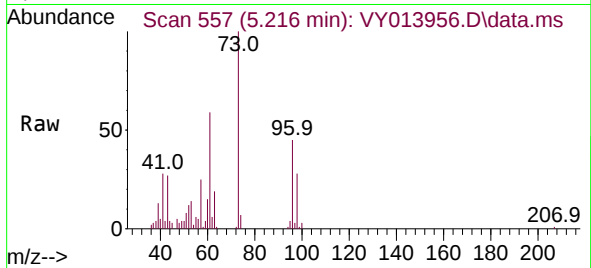




#19  
Methyl tert-butyl Ether  
Concen: 4.880 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

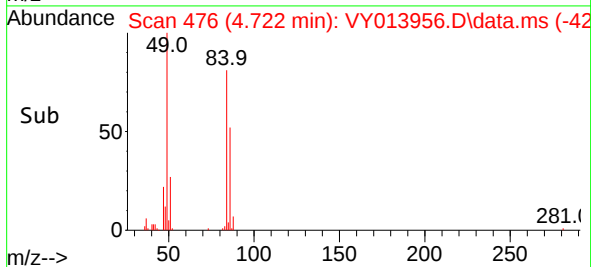
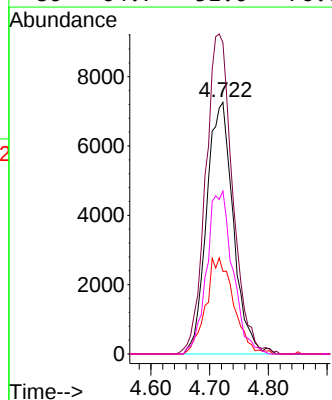
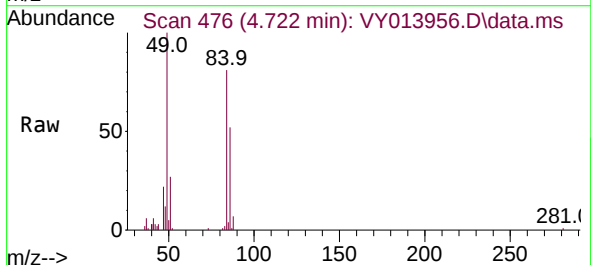
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

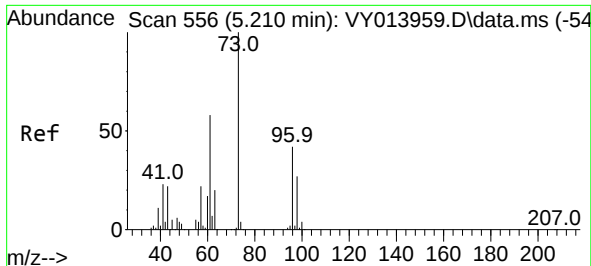
Tgt Ion: 73 Resp: 35445  
Ion Ratio Lower Upper  
73 100  
57 25.4 17.3 25.9



#20  
Methylene Chloride  
Concen: 4.350 ug/l  
RT: 4.722 min Scan# 476  
Delta R.T. 0.012 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion: 84 Resp: 22881  
Ion Ratio Lower Upper  
84 100  
49 123.7 106.9 160.3  
51 32.8 33.2 49.8#  
86 64.7 51.0 76.6

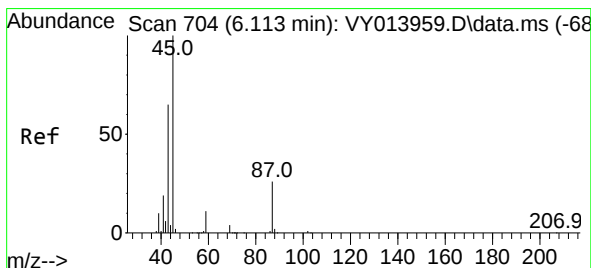
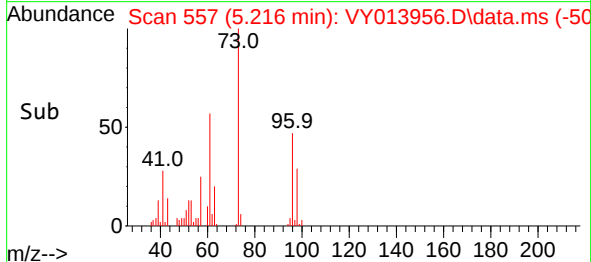
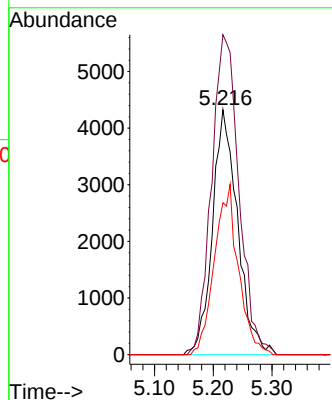
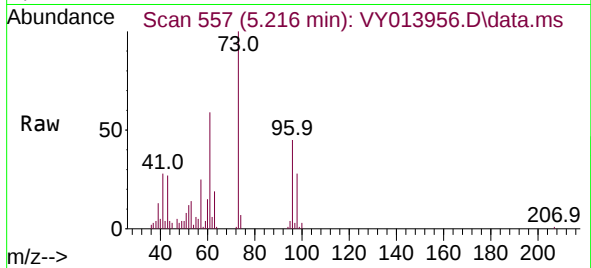




#21  
trans-1,2-Dichloroethene  
Concen: 5.060 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

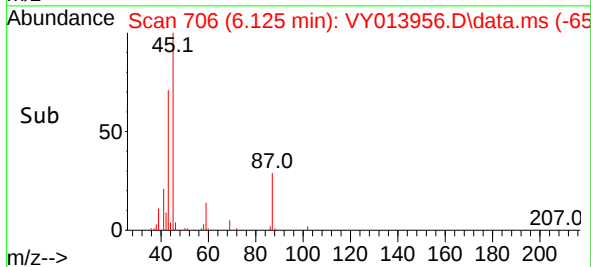
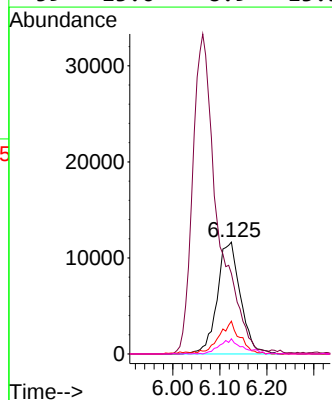
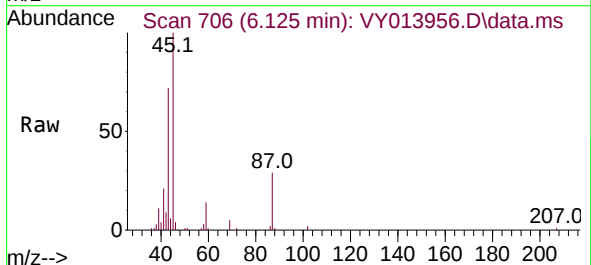
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

Tgt Ion: 96 Resp: 12869  
Ion Ratio Lower Upper  
96 100  
61 130.7 110.2 165.4  
98 62.0 51.8 77.6



#22  
Diisopropyl ether  
Concen: 4.731 ug/l  
RT: 6.125 min Scan# 706  
Delta R.T. 0.012 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion: 45 Resp: 39957  
Ion Ratio Lower Upper  
45 100  
43 68.5 52.2 78.4  
87 29.4 21.0 31.6  
59 13.6 8.9 13.3#

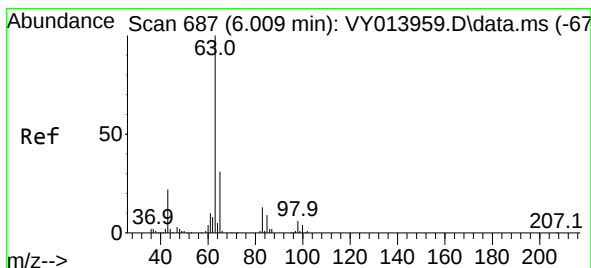
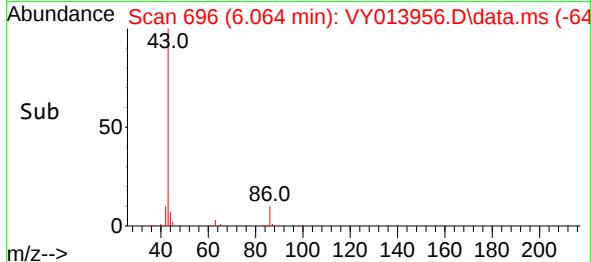
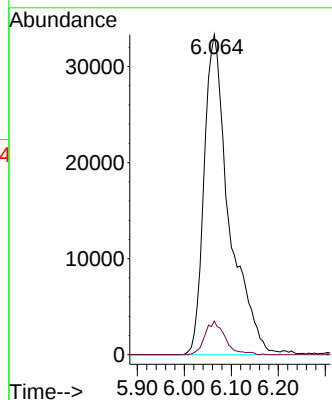
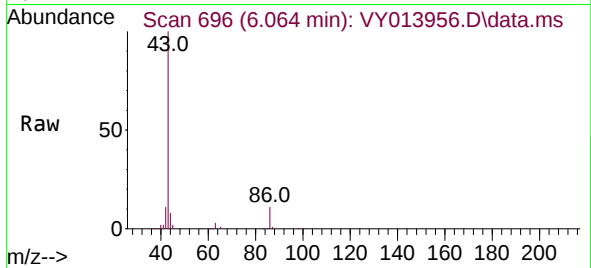




#23  
 Vinyl Acetate  
 Concen: 23.344 ug/l  
 RT: 6.064 min Scan# 694  
 Delta R.T. 0.012 min  
 Lab File: VY013956.D  
 Acq: 01 Jun 2023 11:05

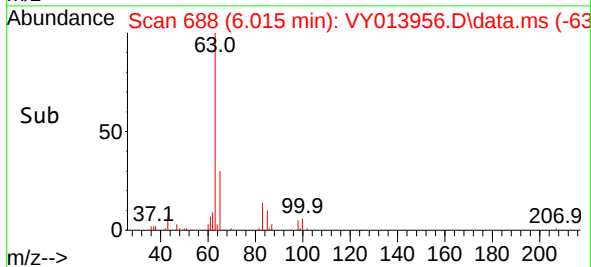
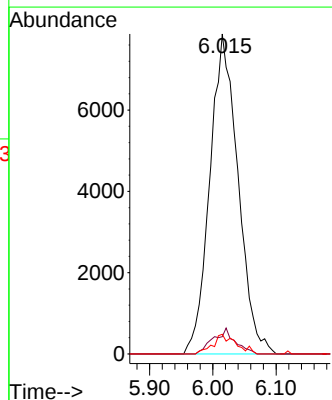
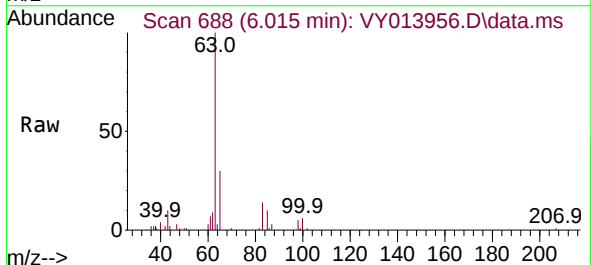
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

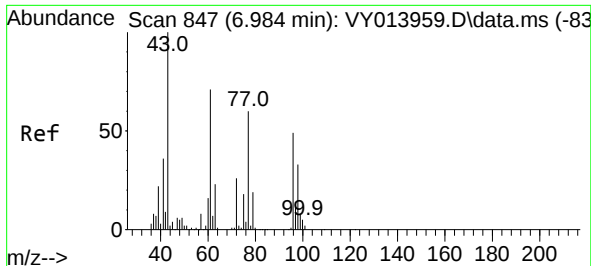
Tgt Ion: 43 Resp: 123663  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 7.5 11.3



#24  
 1,1-Dichloroethane  
 Concen: 5.170 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. 0.006 min  
 Lab File: VY013956.D  
 Acq: 01 Jun 2023 11:05

Tgt Ion: 63 Resp: 24372  
 Ion Ratio Lower Upper  
 63 100  
 98 5.4 3.1 9.4  
 100 6.2 1.8 5.5#

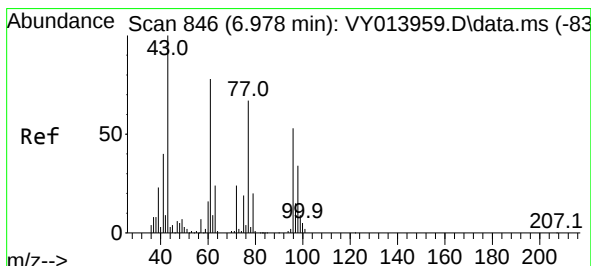
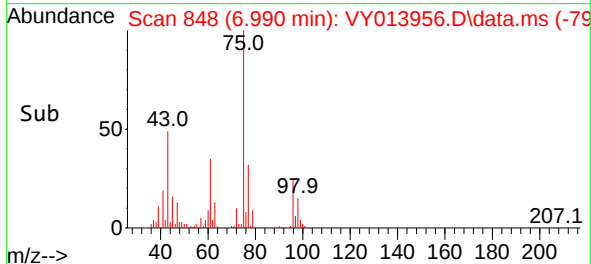
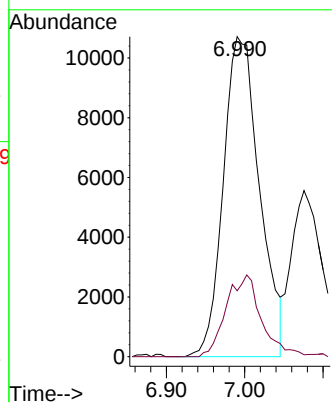
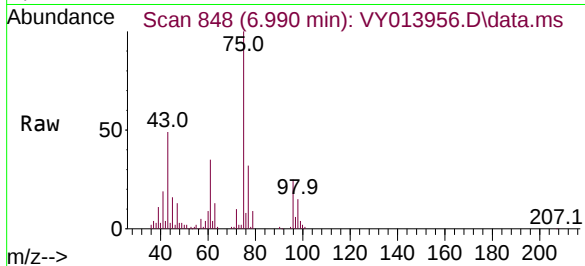




#25  
2-Butanone  
Concen: 26.120 ug/l  
RT: 6.990 min Scan# 847  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

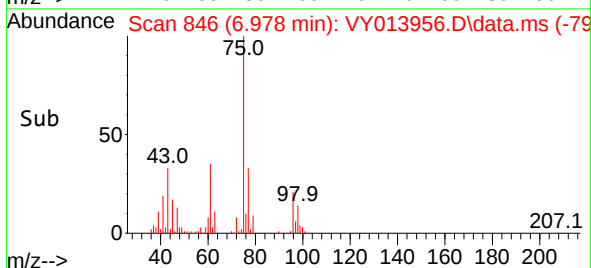
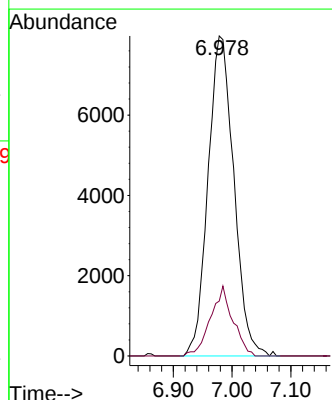
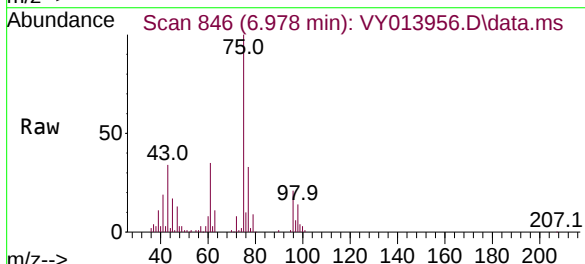
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

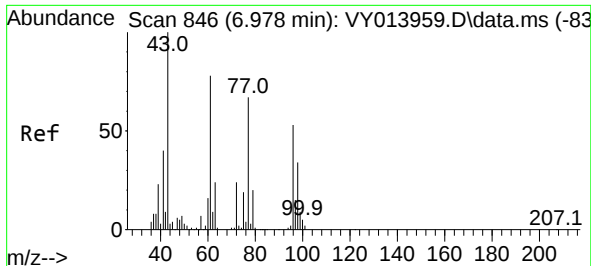
Tgt Ion: 43 Resp: 34422  
Ion Ratio Lower Upper  
43 100  
72 20.6 20.5 30.7



#26  
2,2-Dichloropropane  
Concen: 5.687 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion: 77 Resp: 24331  
Ion Ratio Lower Upper  
77 100  
97 18.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 5.212 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

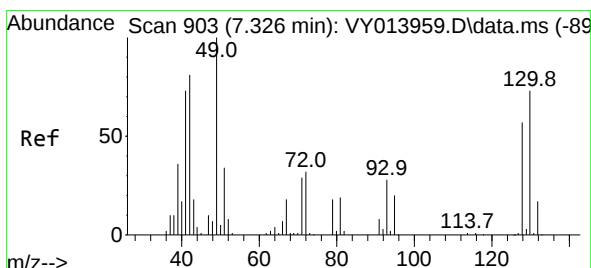
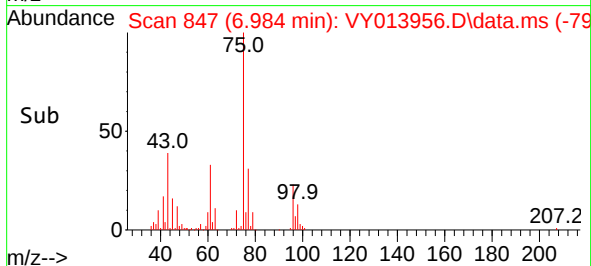
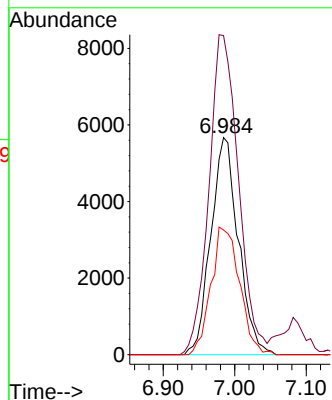
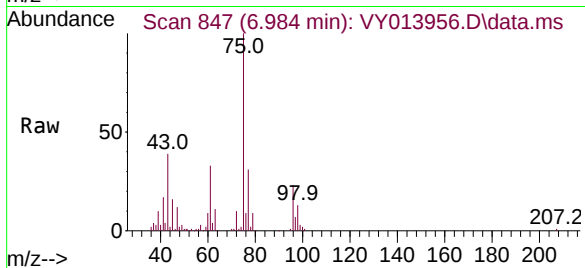
Tgt Ion: 96 Resp: 15175

Ion Ratio Lower Upper

96 100

61 157.8 0.0 301.4

98 60.9 0.0 130.4



#28

Bromochloromethane

Concen: 4.733 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

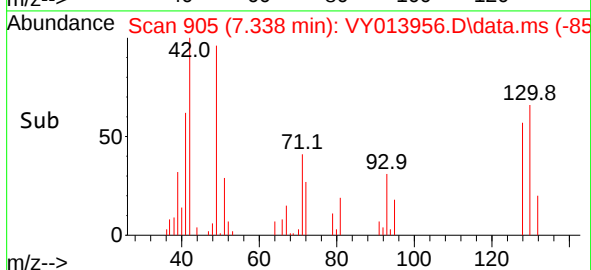
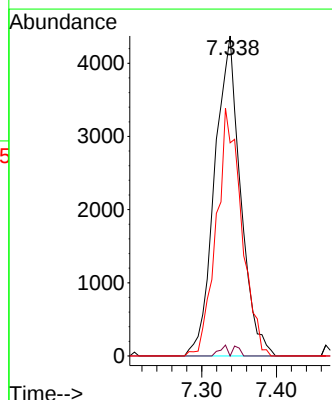
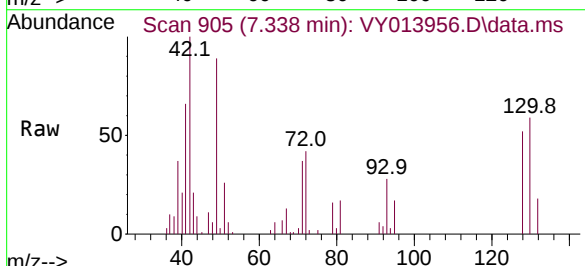
Tgt Ion: 49 Resp: 10538

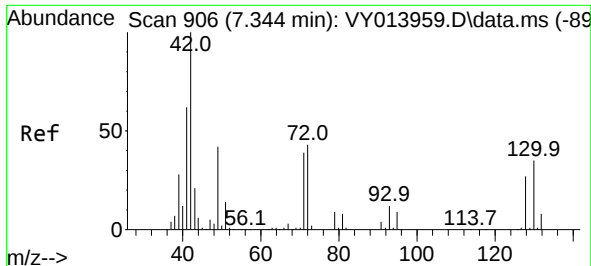
Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.6

130 0.0 60.7 91.1#





#29

Tetrahydrofuran

Concen: 24.359 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

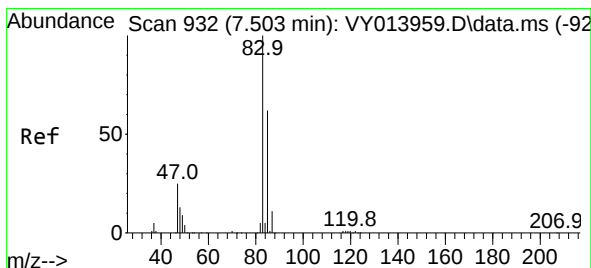
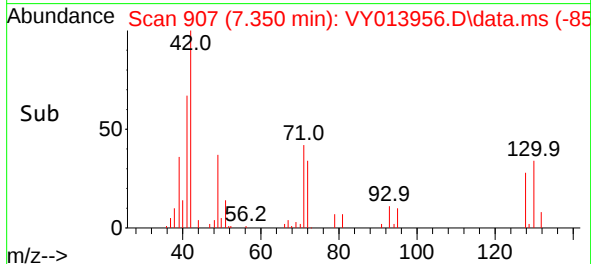
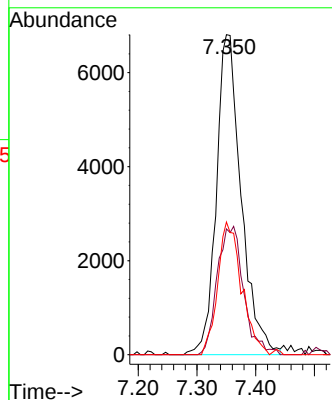
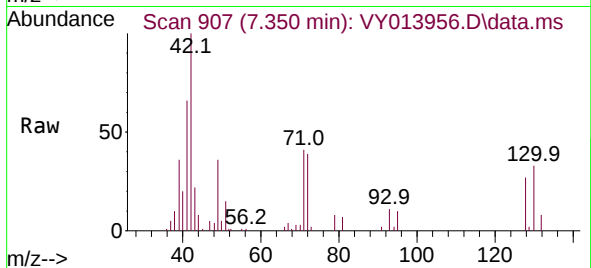
Tgt Ion: 42 Resp: 19962

Ion Ratio Lower Upper

42 100

72 42.6 32.8 49.2

71 40.0 31.0 46.4



#30

Chloroform

Concen: 5.164 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY013956.D

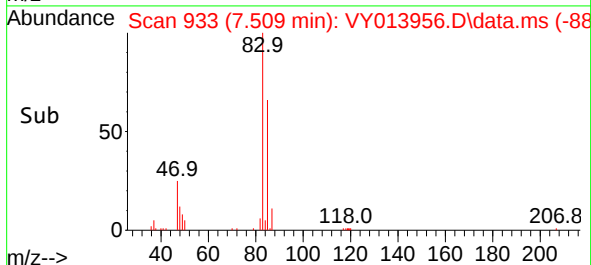
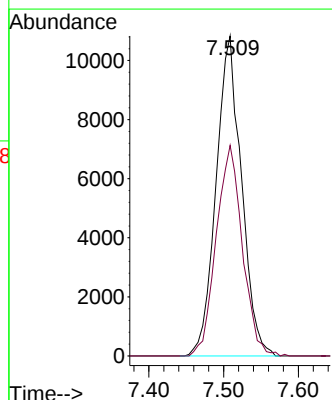
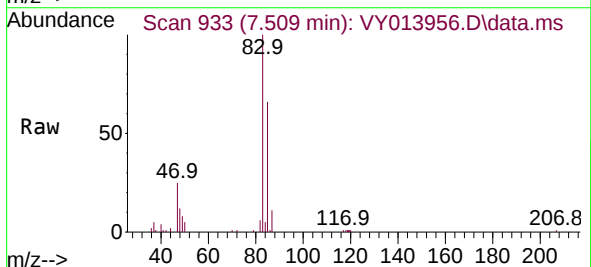
Acq: 01 Jun 2023 11:05

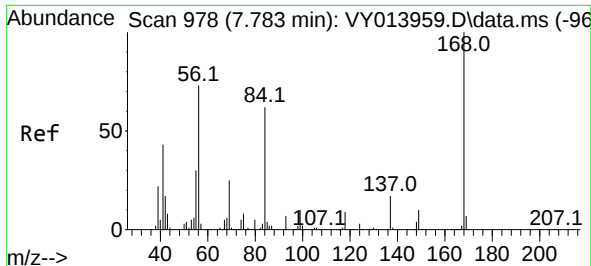
Tgt Ion: 83 Resp: 25558

Ion Ratio Lower Upper

83 100

85 65.8 49.7 74.5

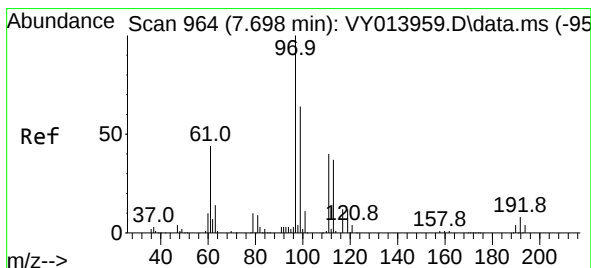
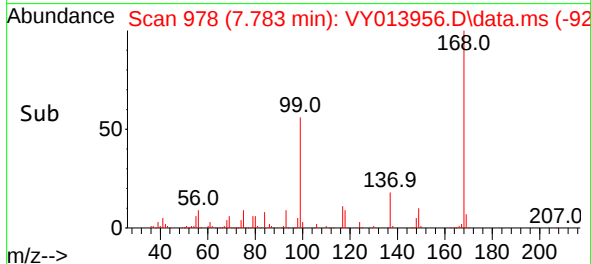
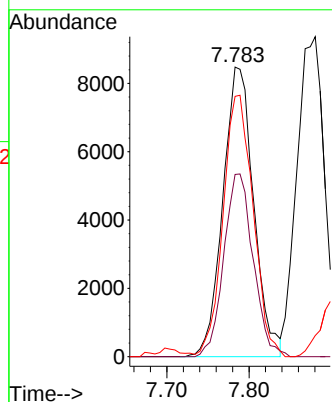
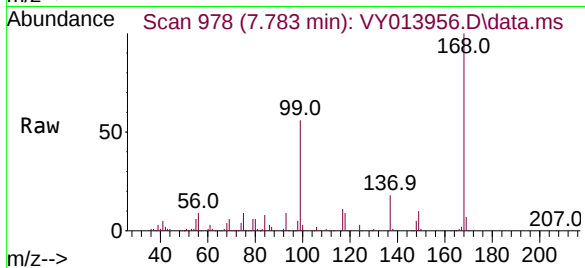




#31  
Cyclohexane  
Concen: 5.927 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

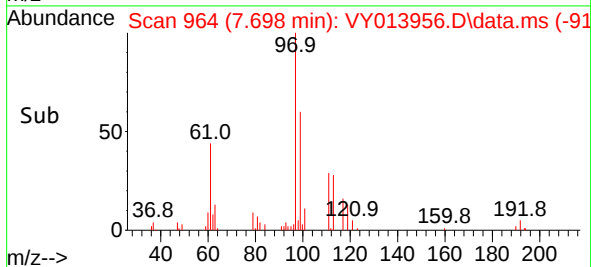
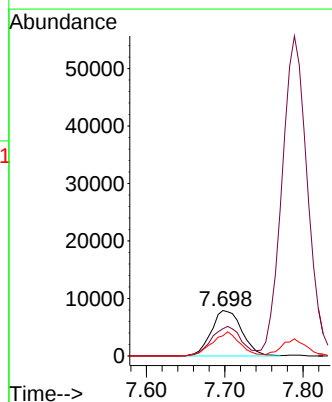
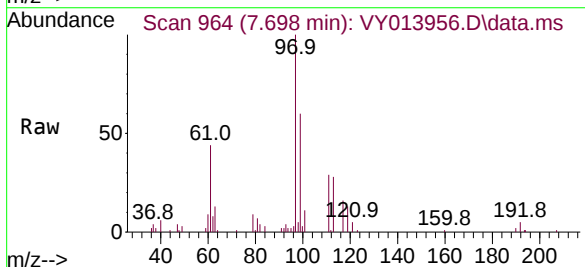
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

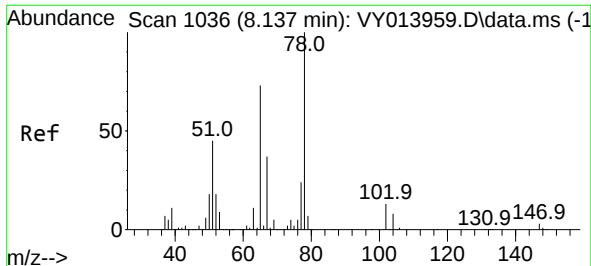
Tgt Ion: 56 Resp: 22067  
Ion Ratio Lower Upper  
56 100  
69 62.9 27.8 41.6#  
84 88.6 66.4 99.6



#32  
1,1,1-Trichloroethane  
Concen: 5.110 ug/l  
RT: 7.698 min Scan# 964  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion: 97 Resp: 21456  
Ion Ratio Lower Upper  
97 100  
99 63.1 50.8 76.2  
61 48.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 5.321 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

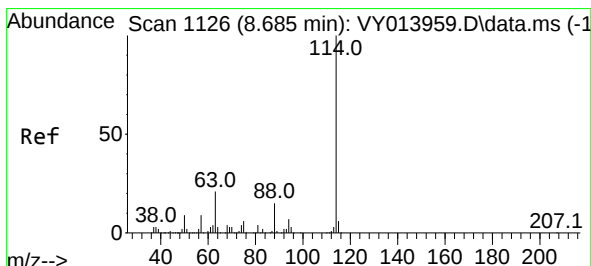
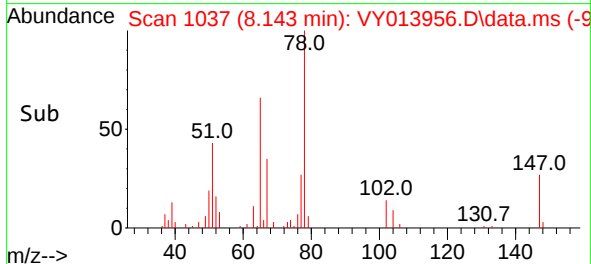
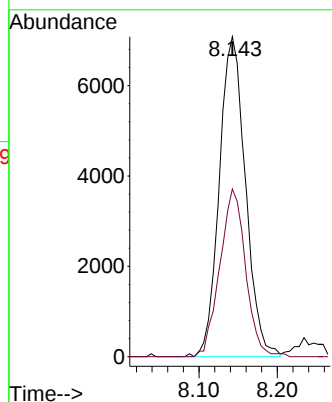
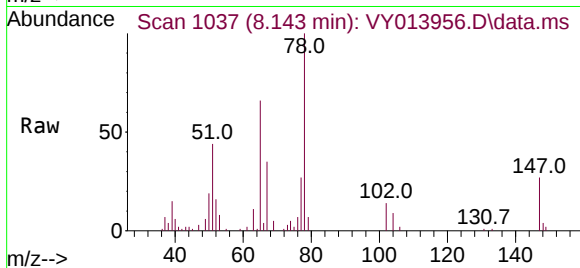
VSTDIC005

Tgt Ion: 65 Resp: 16453

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

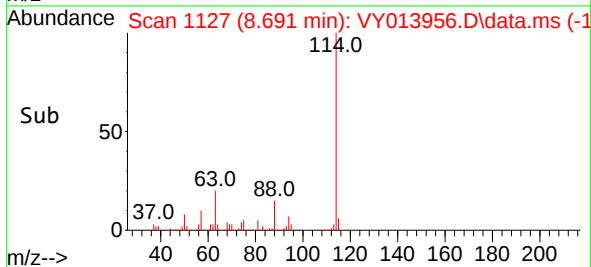
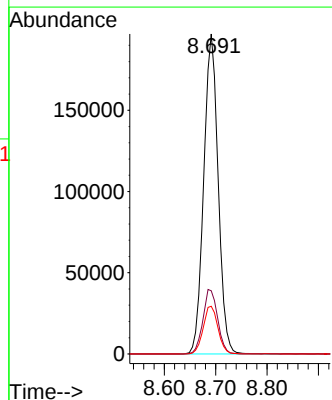
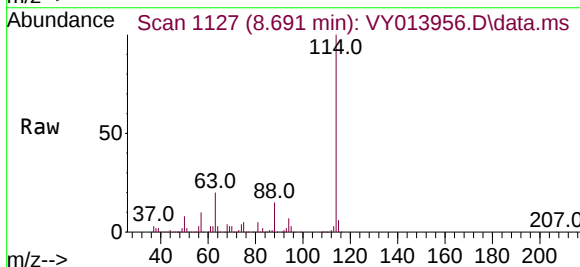
Tgt Ion: 114 Resp: 382961

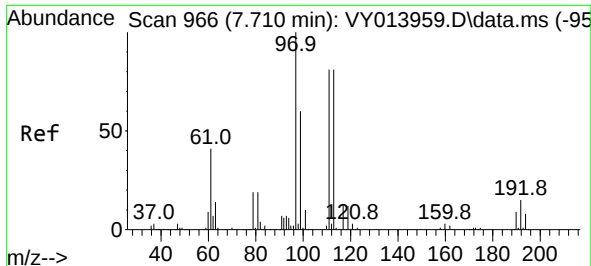
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 14.9 0.0 30.6

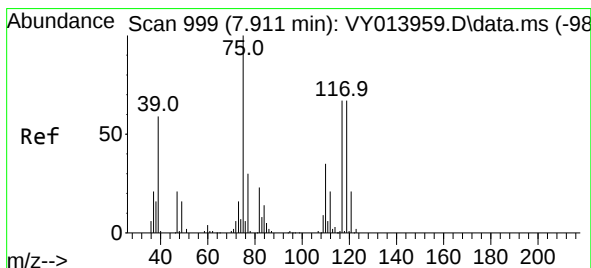
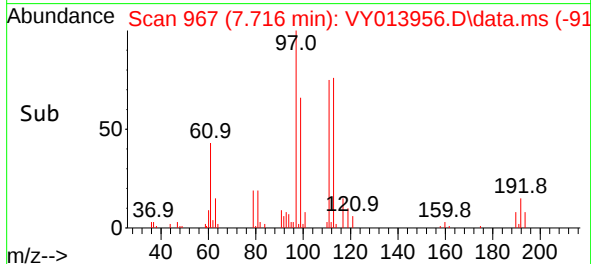
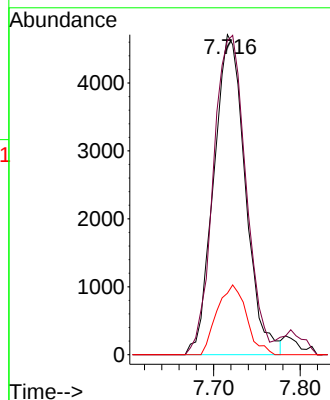
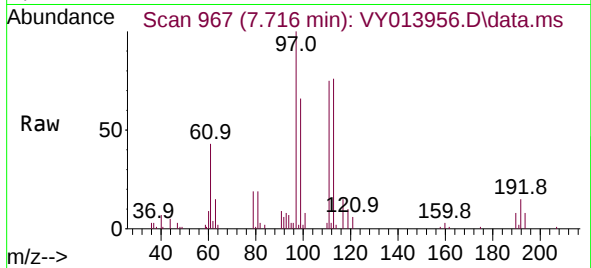




#35  
Dibromofluoromethane  
Concen: 4.914 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

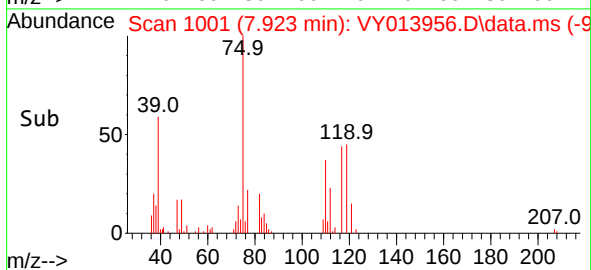
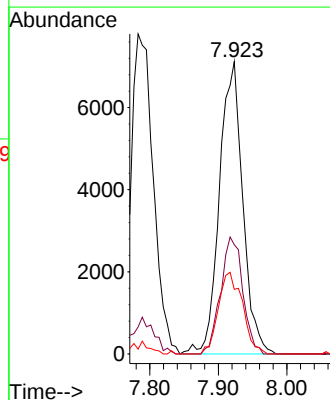
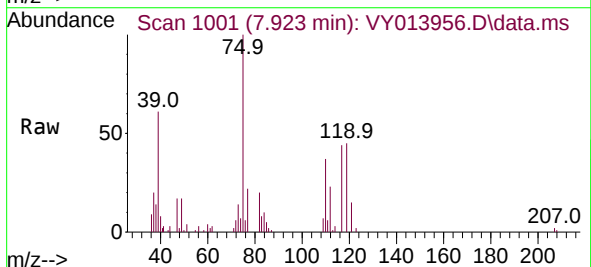
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

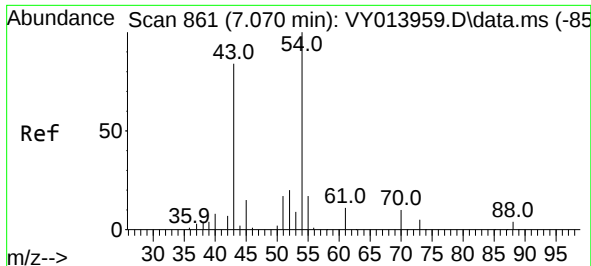
Tgt Ion:113 Resp: 11960  
Ion Ratio Lower Upper  
113 100  
111 102.9 81.3 121.9  
192 20.3 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 4.855 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.012 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion: 75 Resp: 16834  
Ion Ratio Lower Upper  
75 100  
110 38.0 17.8 53.5  
77 28.8 24.4 36.6





#37

Ethyl Acetate

Concen: 5.336 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

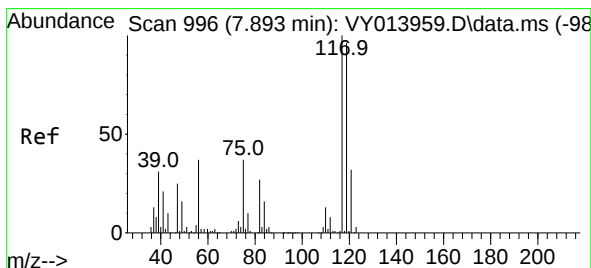
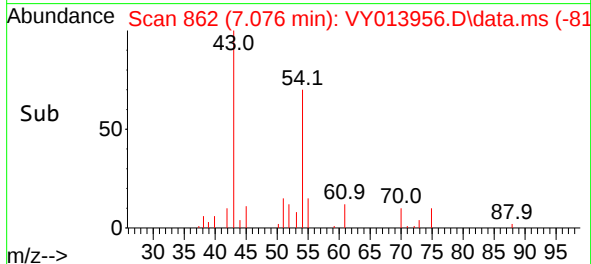
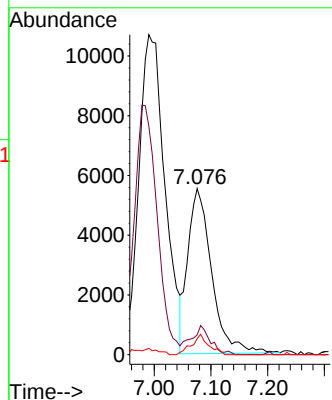
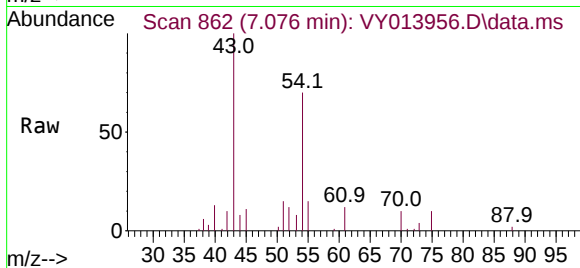
Tgt Ion: 43 Resp: 16130

Ion Ratio Lower Upper

43 100

61 14.5 10.1 15.1

70 8.8 7.1 10.7



#38

Carbon Tetrachloride

Concen: 5.094 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.012 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

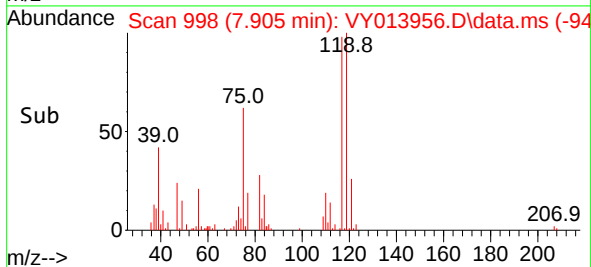
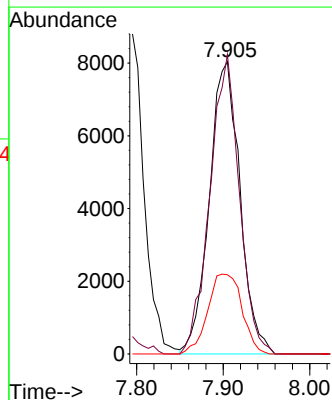
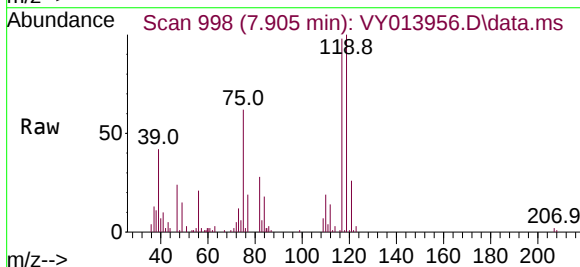
Tgt Ion: 117 Resp: 19791

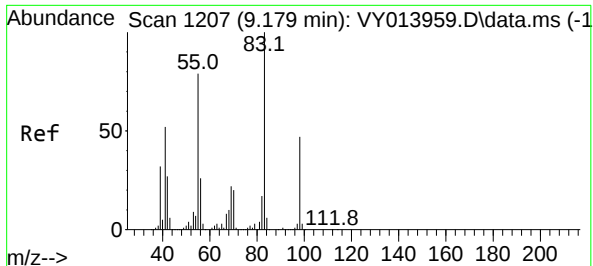
Ion Ratio Lower Upper

117 100

119 102.5 76.4 114.6

121 27.1 25.8 38.6





#39

Methylcyclohexane

Concen: 4.661 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

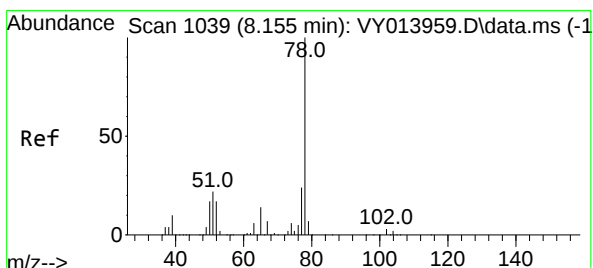
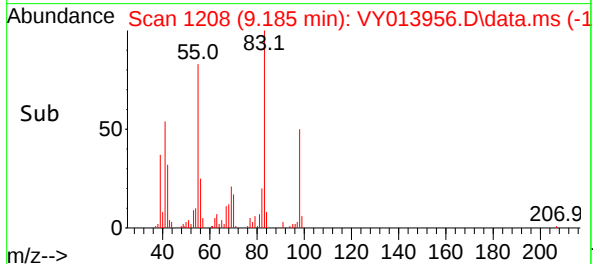
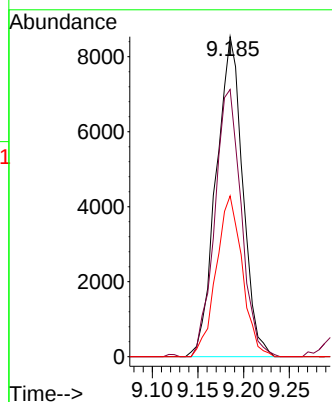
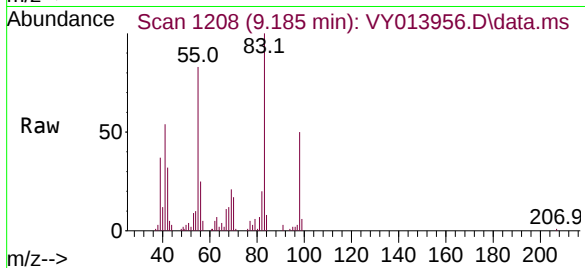
Tgt Ion: 83 Resp: 17254

Ion Ratio Lower Upper

83 100

55 83.5 63.0 94.4

98 50.3 37.4 56.2



#40

Benzene

Concen: 5.033 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY013956.D

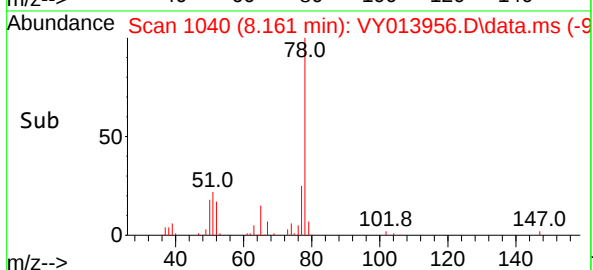
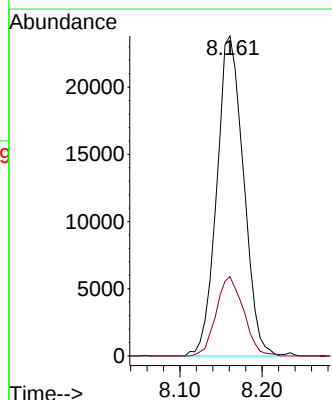
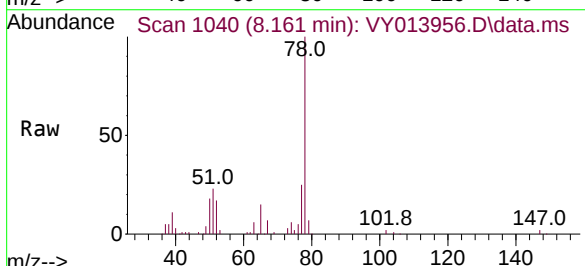
Acq: 01 Jun 2023 11:05

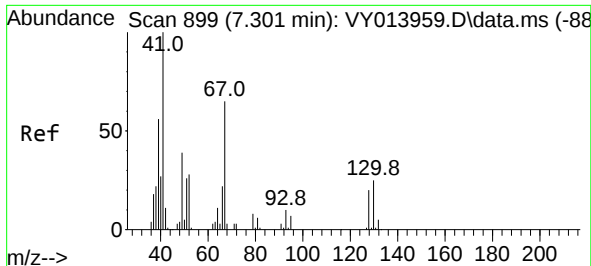
Tgt Ion: 78 Resp: 53838

Ion Ratio Lower Upper

78 100

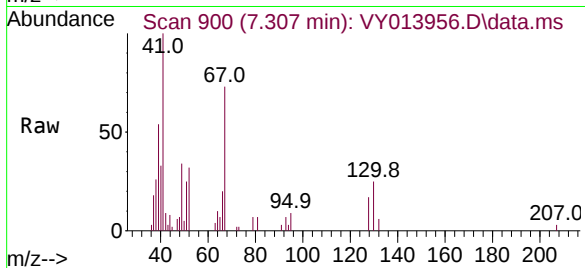
77 24.8 19.0 28.6



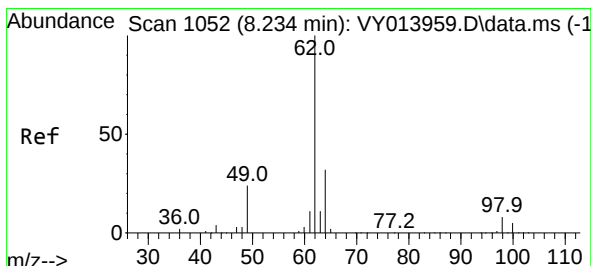
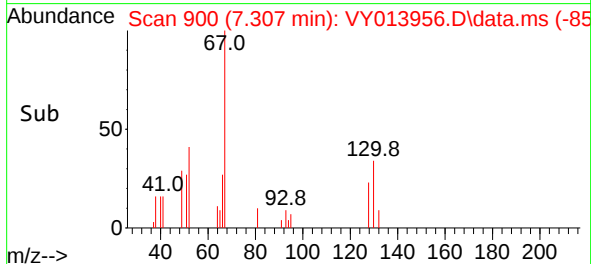
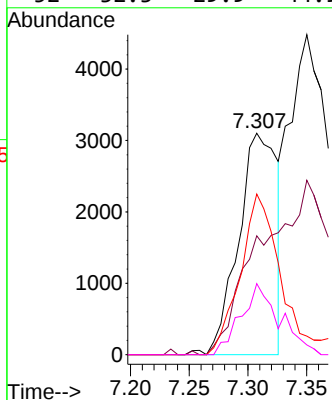


#41  
Methacrylonitrile  
Concen: 5.093 ug/l  
RT: 7.307 min Scan# 900  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

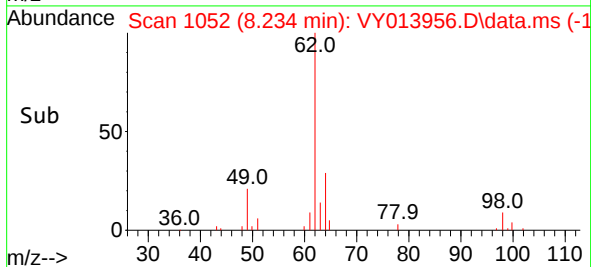
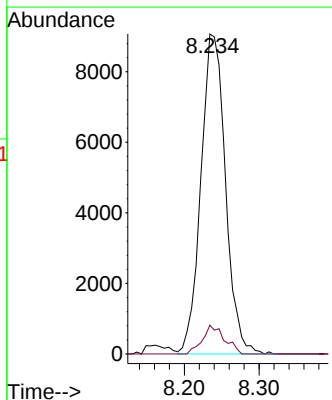
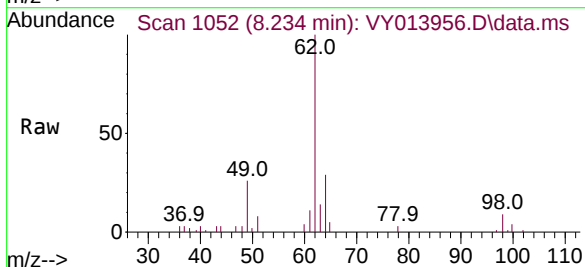


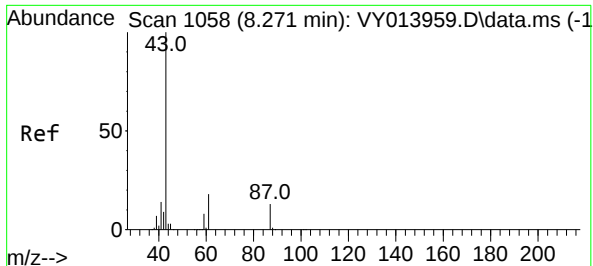
| Tgt Ion: | 41    | Resp: | 7116  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 52.1  | 78.1# |
| 67       | 77.1  | 66.2  | 99.2  |
| 52       | 32.3  | 29.9  | 44.9  |



#42  
1,2-Dichloroethane  
Concen: 5.278 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

| Tgt Ion: | 62    | Resp: | 20701 |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 8.1   | 0.0   | 15.8  |





#43

Isopropyl Acetate

Concen: 4.884 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICC005

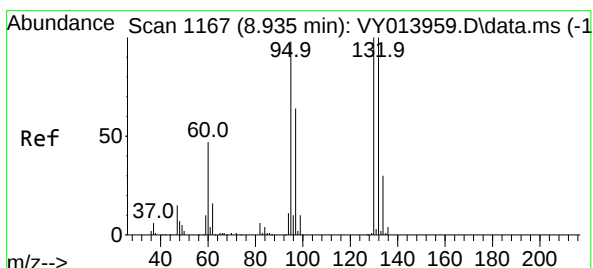
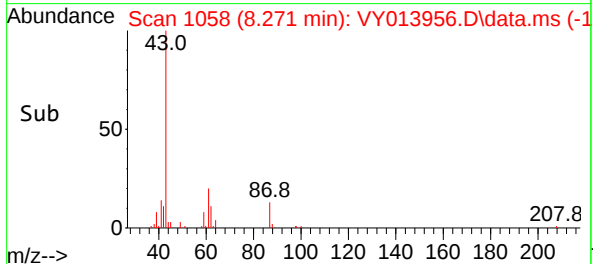
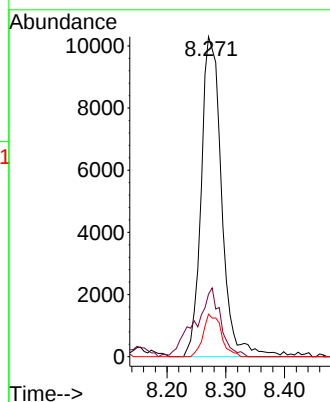
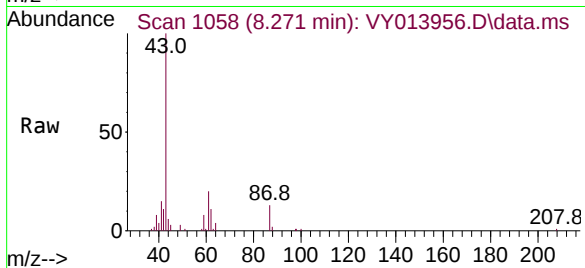
Tgt Ion: 43 Resp: 24859

Ion Ratio Lower Upper

43 100

61 27.0 21.1 31.7

87 11.8 9.8 14.8



#44

Trichloroethene

Concen: 5.091 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013956.D

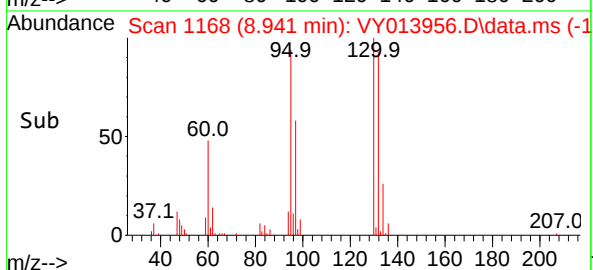
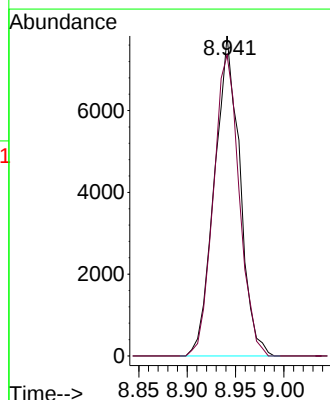
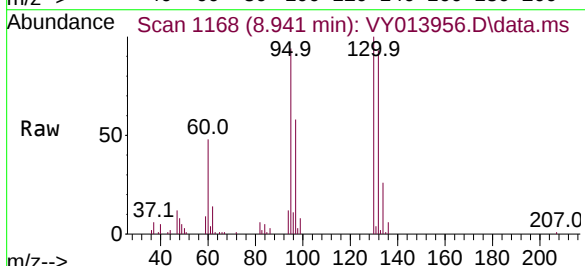
Acq: 01 Jun 2023 11:05

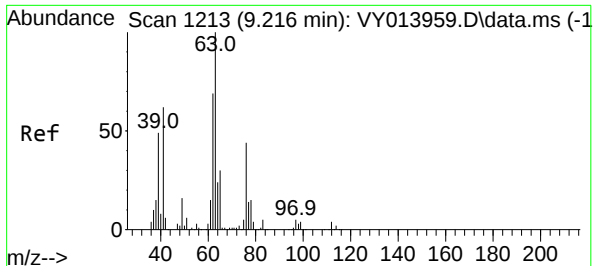
Tgt Ion:130 Resp: 14259

Ion Ratio Lower Upper

130 100

95 94.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 4.984 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

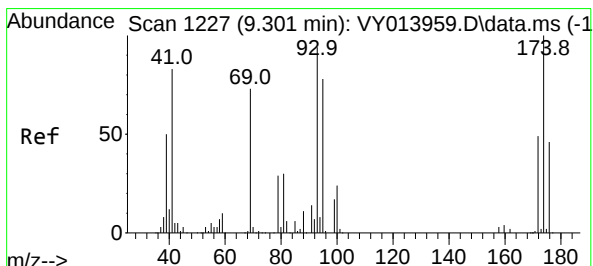
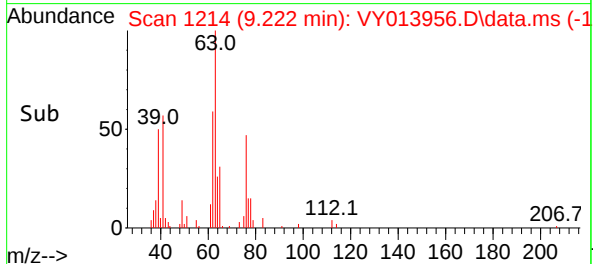
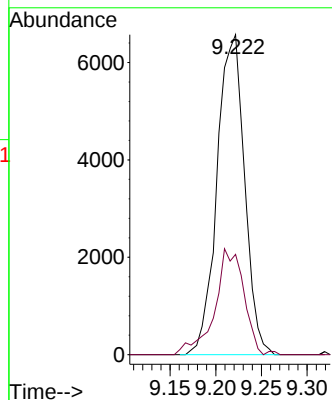
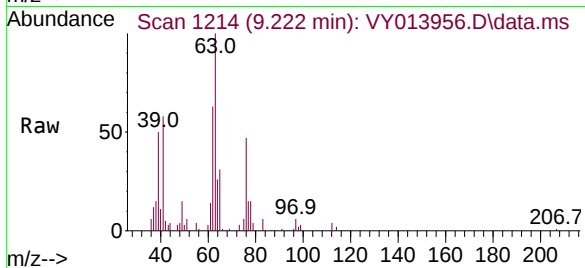
VSTDICC005

Tgt Ion: 63 Resp: 13758

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.6



#46

Dibromomethane

Concen: 5.118 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

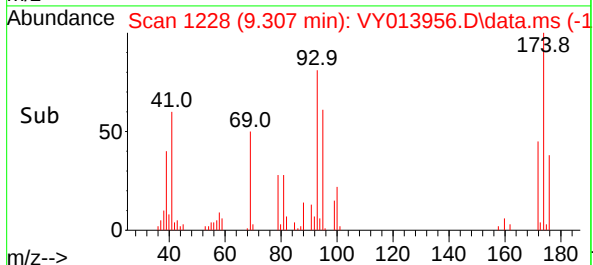
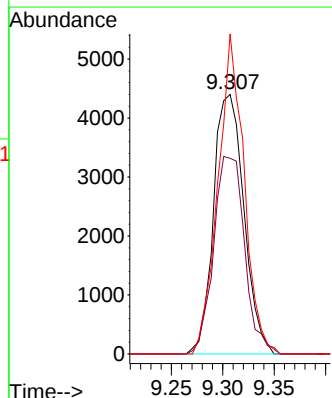
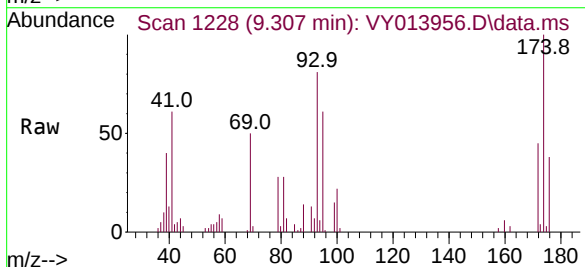
Tgt Ion: 93 Resp: 9044

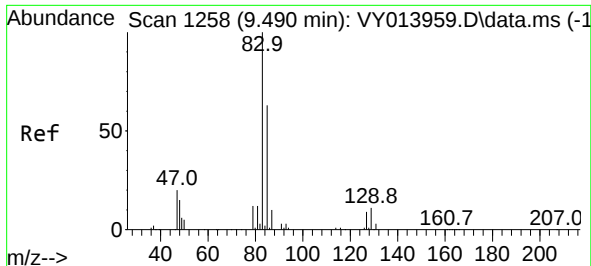
Ion Ratio Lower Upper

93 100

95 77.5 66.6 100.0

174 105.7 84.8 127.2

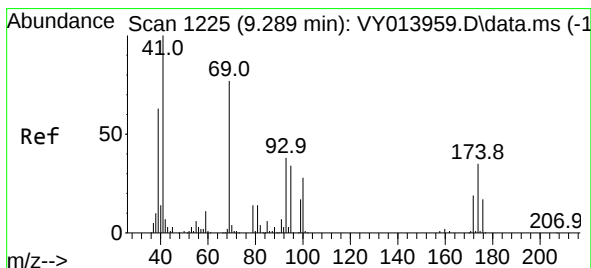
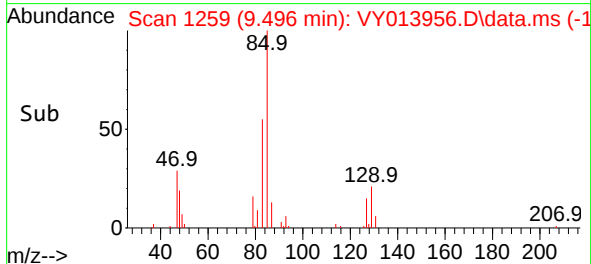
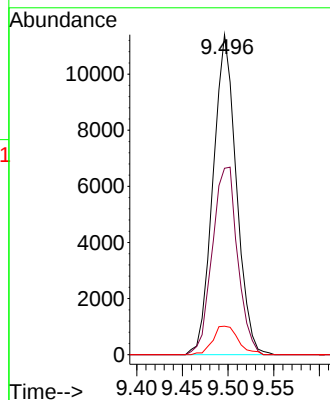
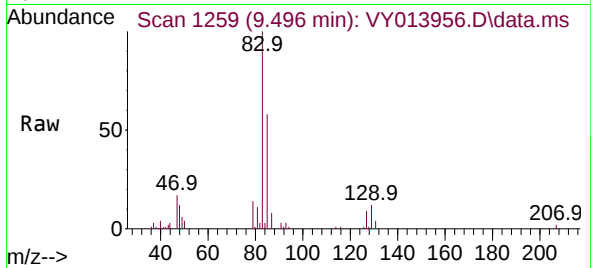




#47  
Bromodichloromethane  
Concen: 5.080 ug/l  
RT: 9.496 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

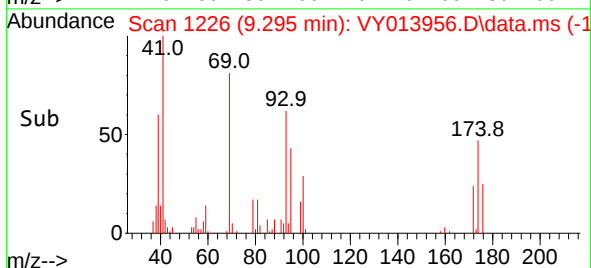
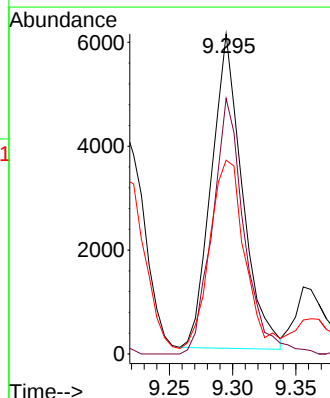
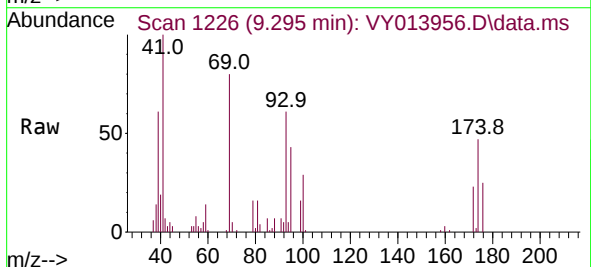
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

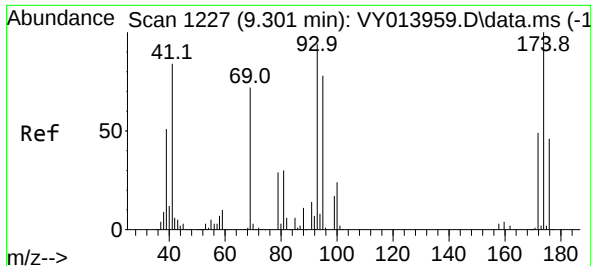
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 20221 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 58.3  | 50.1  | 75.1  |
| 127      | 8.9   | 7.1   | 10.7  |



#48  
Methyl methacrylate  
Concen: 4.443 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 10293 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 83.4  | 64.5  | 96.7  |
| 39       | 72.1  | 50.8  | 76.2  |





#49

1,4-Dioxane

Concen: 99.539 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICC005

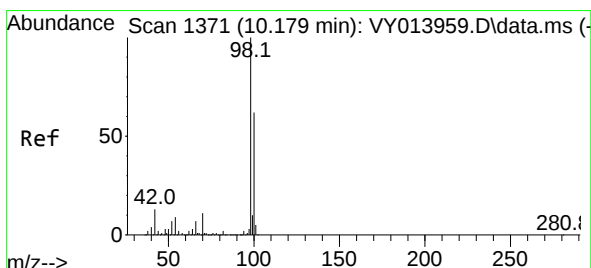
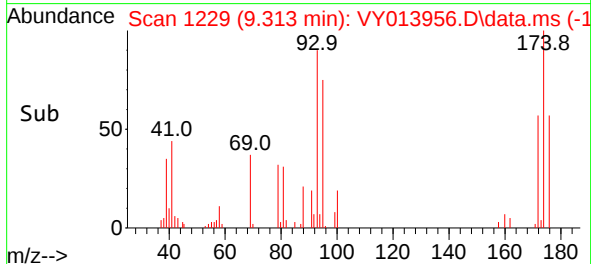
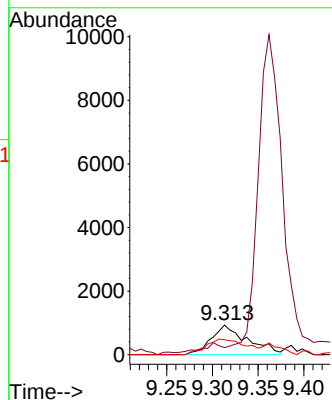
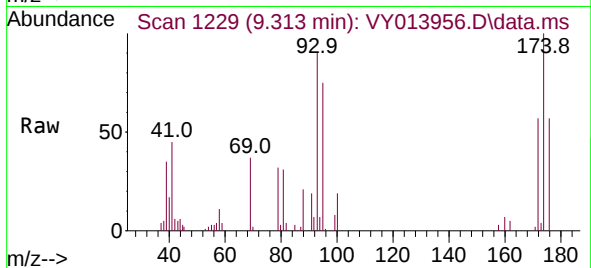
Tgt Ion: 88 Resp: 2558

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 57.5 30.9 46.3#



#50

Toluene-d8

Concen: 5.009 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013956.D

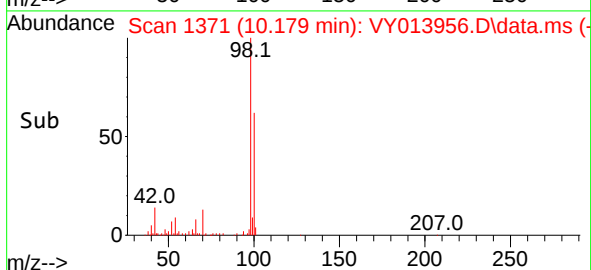
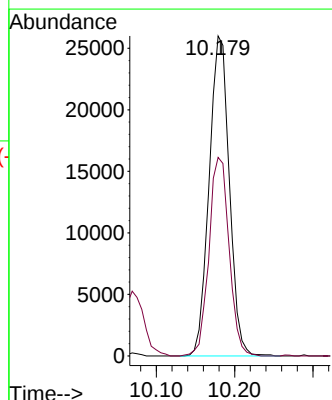
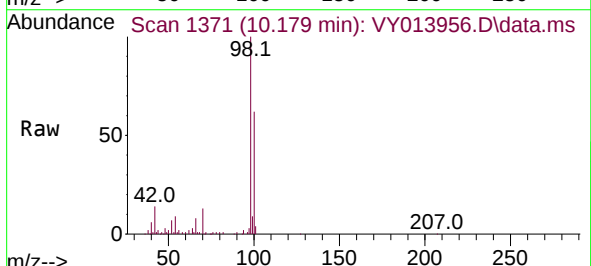
Acq: 01 Jun 2023 11:05

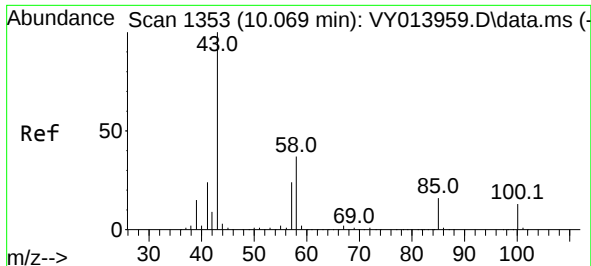
Tgt Ion: 98 Resp: 46497

Ion Ratio Lower Upper

98 100

100 61.9 50.1 75.1

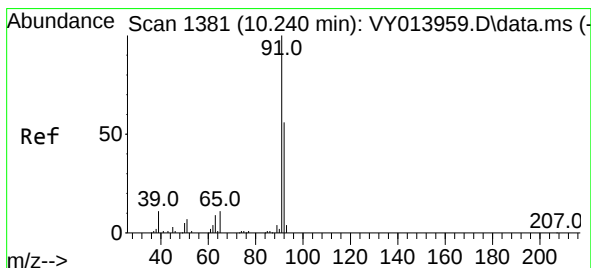
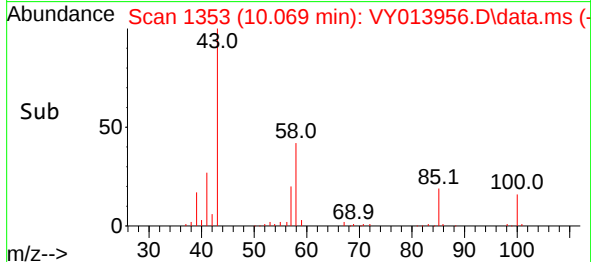
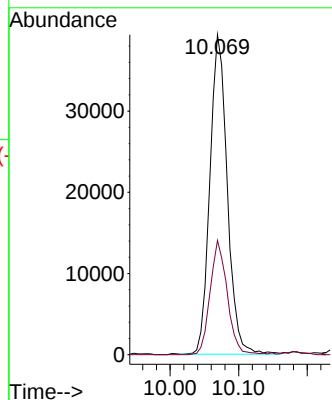
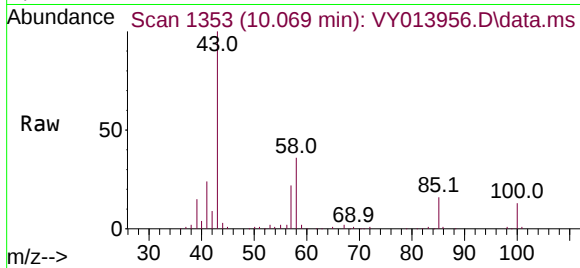




#51  
4-Methyl-2-Pentanone  
Concen: 24.238 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

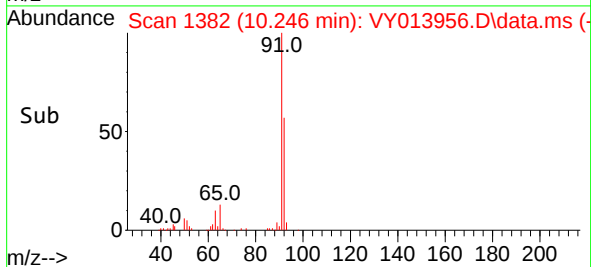
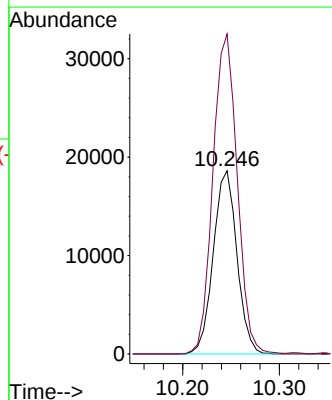
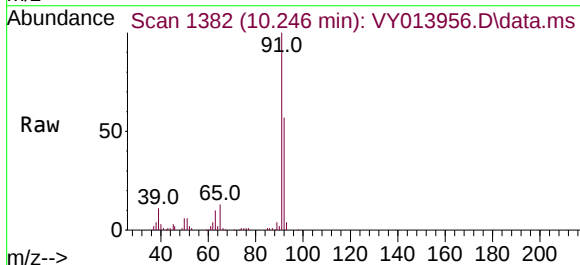
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

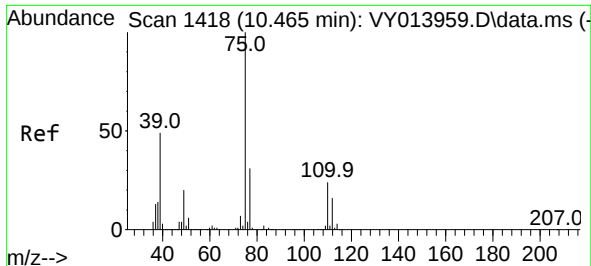
Tgt Ion: 43 Resp: 69687  
Ion Ratio Lower Upper  
43 100  
58 35.2 29.0 43.6



#52  
Toluene  
Concen: 4.821 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion: 92 Resp: 31587  
Ion Ratio Lower Upper  
92 100  
91 179.5 143.8 215.6

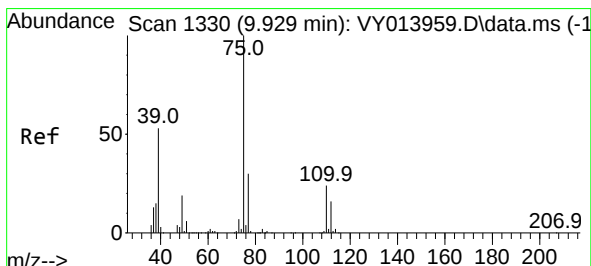
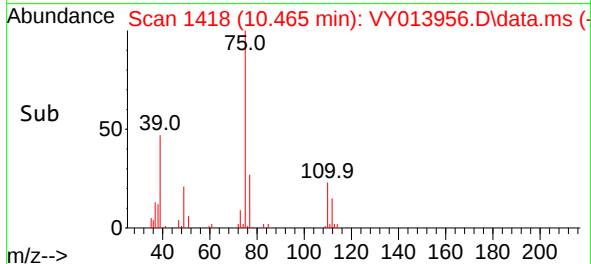
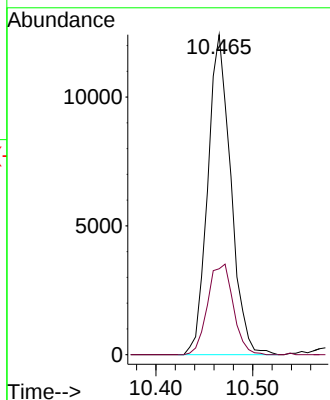
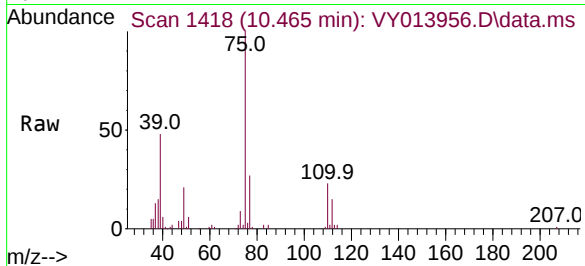




#53  
t-1,3-Dichloropropene  
Concen: 4.808 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

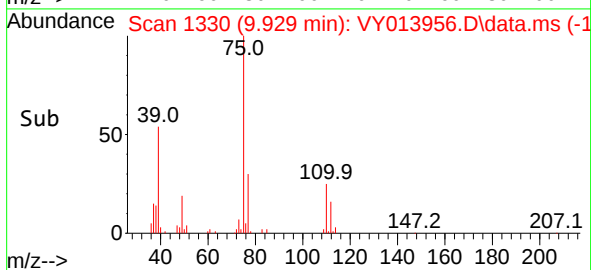
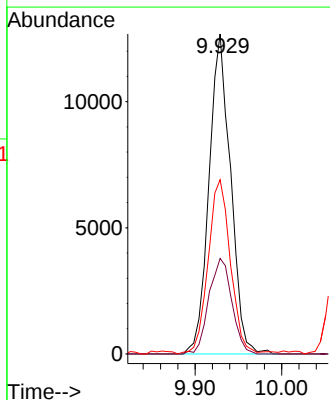
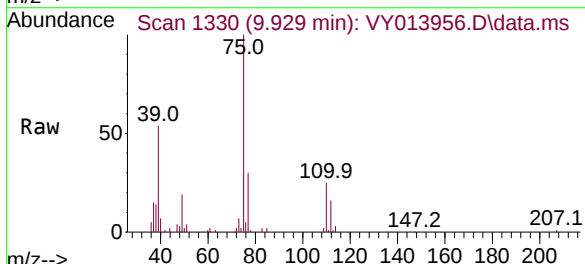
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

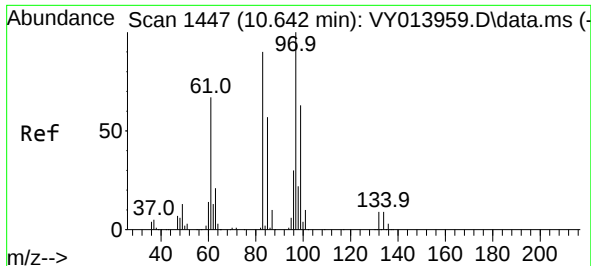
Tgt Ion: 75 Resp: 20559  
Ion Ratio Lower Upper  
75 100  
77 26.8 25.0 37.4



#54  
cis-1,3-Dichloropropene  
Concen: 4.802 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion: 75 Resp: 21924  
Ion Ratio Lower Upper  
75 100  
77 29.8 24.2 36.4  
39 54.5 42.2 63.4

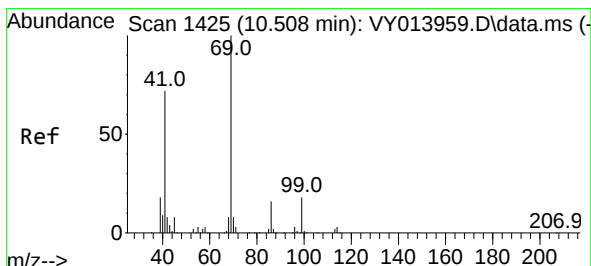
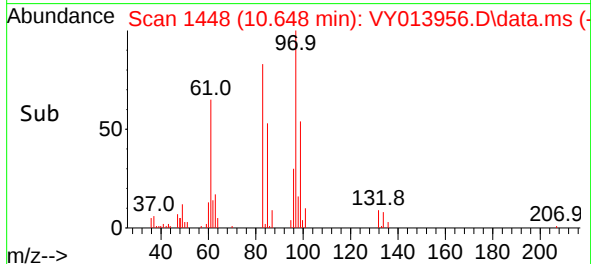
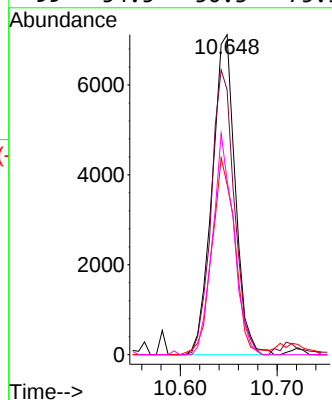
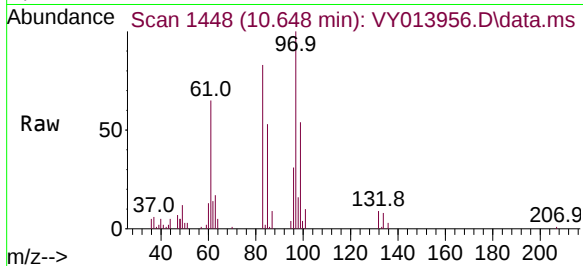




#55  
1,1,2-Trichloroethane  
Concen: 5.084 ug/l  
RT: 10.648 min Scan# 1447  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

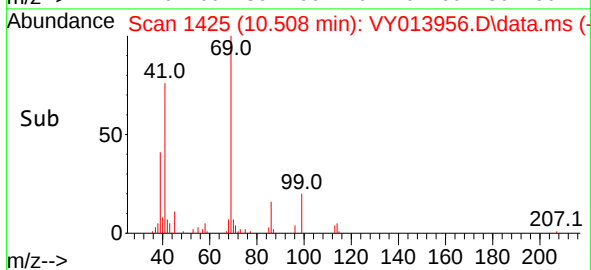
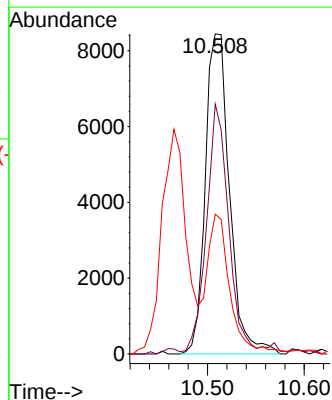
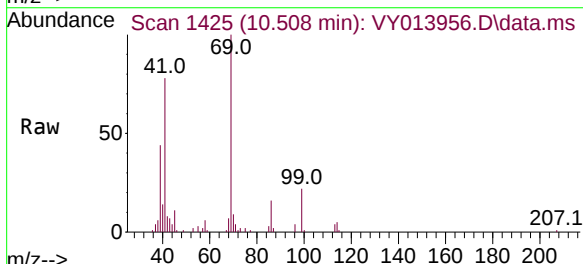
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

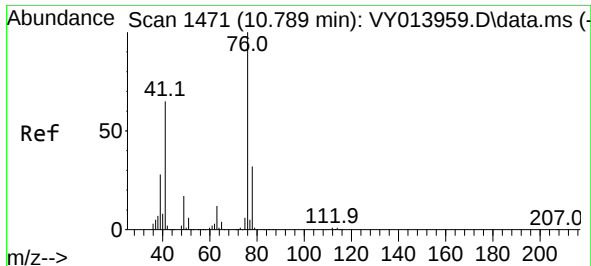
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 11844 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 82.8     | 72.0 108.0  |
| 85 53.2     | 45.4 68.0   |
| 99 54.5     | 50.3 75.5   |



#56  
Ethyl methacrylate  
Concen: 4.400 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 14719 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 69.4     | 57.6 86.4   |
| 39 39.7     | 34.1 51.1   |





#57

1,3-Dichloropropane

Concen: 4.967 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

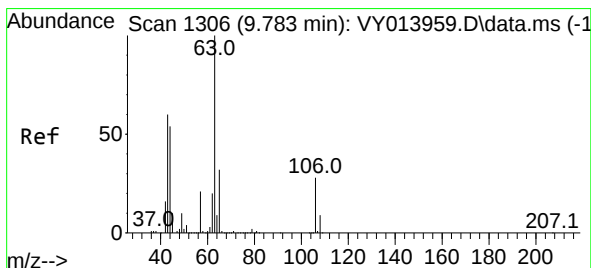
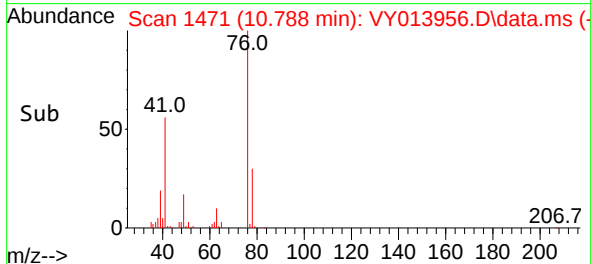
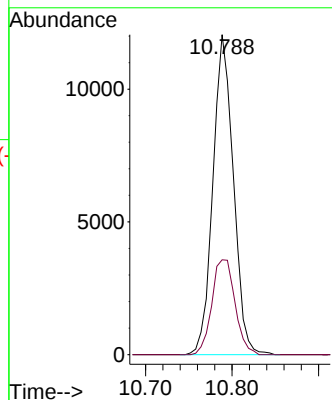
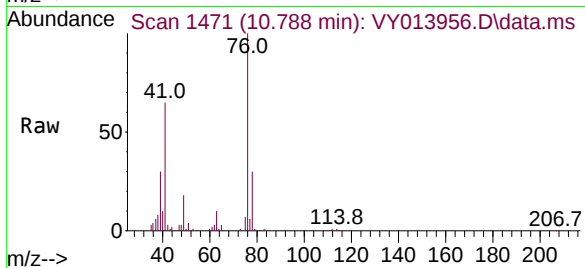
VSTDIC005

Tgt Ion: 76 Resp: 19774

Ion Ratio Lower Upper

76 100

78 33.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 39.104 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY013956.D

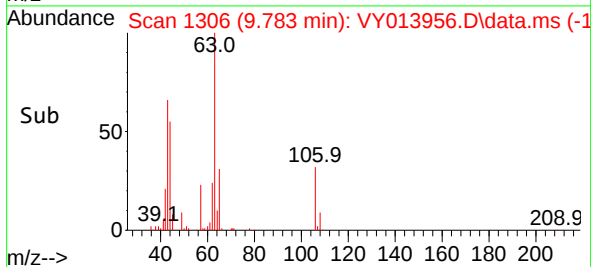
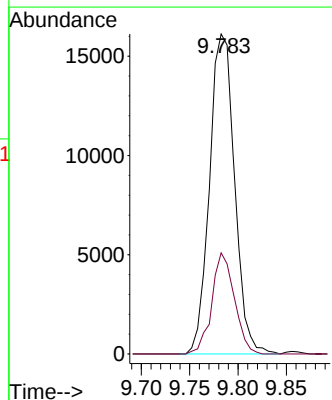
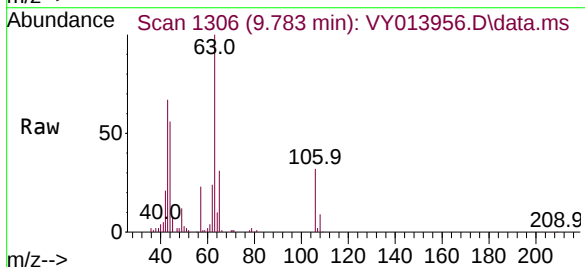
Acq: 01 Jun 2023 11:05

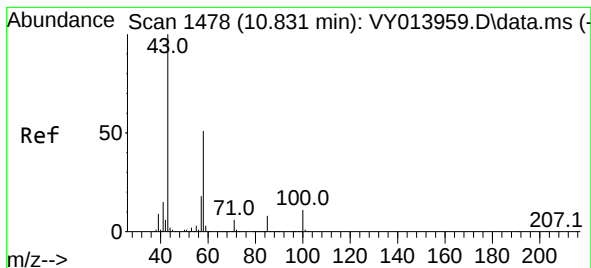
Tgt Ion: 63 Resp: 29011

Ion Ratio Lower Upper

63 100

106 28.4 21.2 31.8

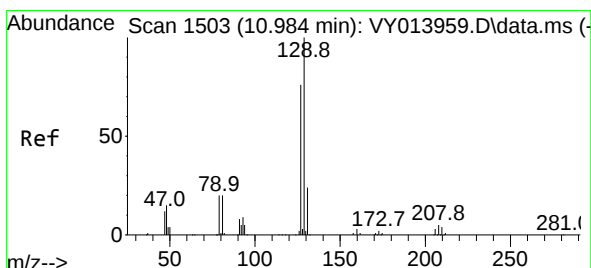
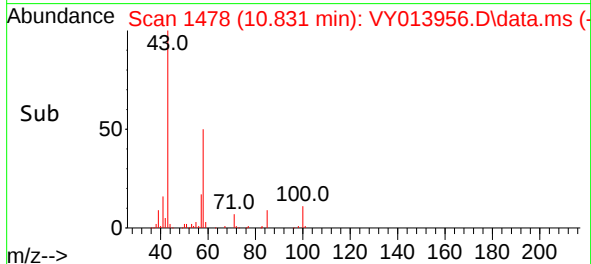
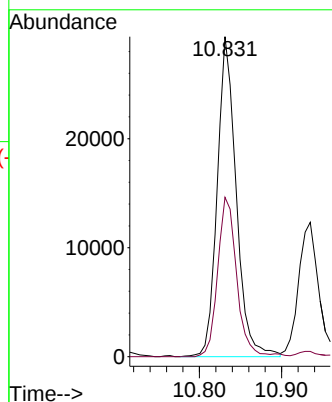
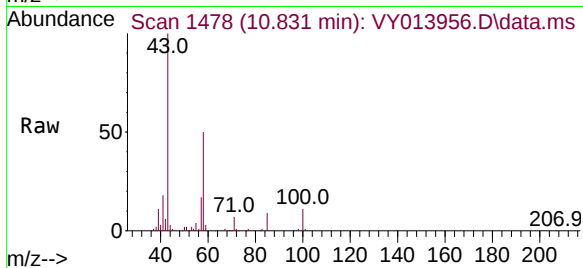




#59  
2-Hexanone  
Concen: 22.599 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

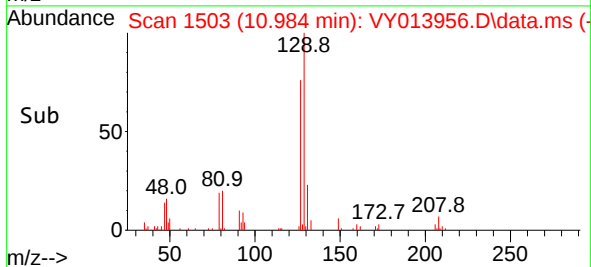
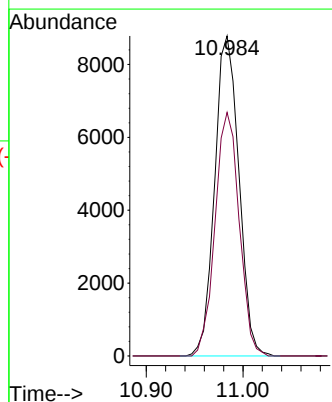
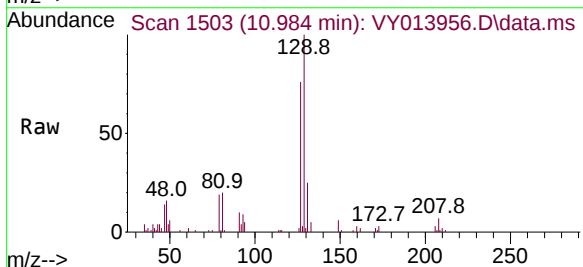
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

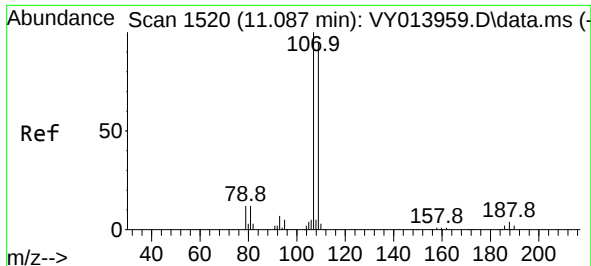
Tgt Ion: 43 Resp: 47049  
Ion Ratio Lower Upper  
43 100  
58 50.1 25.1 75.3



#60  
Dibromochloromethane  
Concen: 5.181 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion: 129 Resp: 15255  
Ion Ratio Lower Upper  
129 100  
127 75.9 38.5 115.5

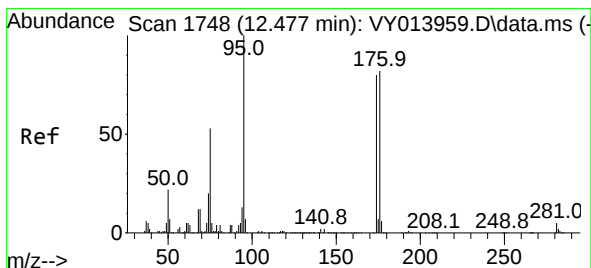
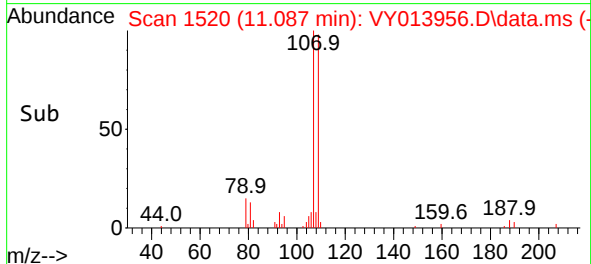
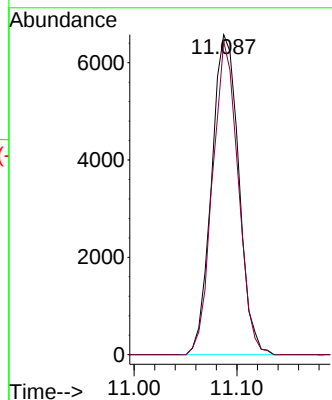
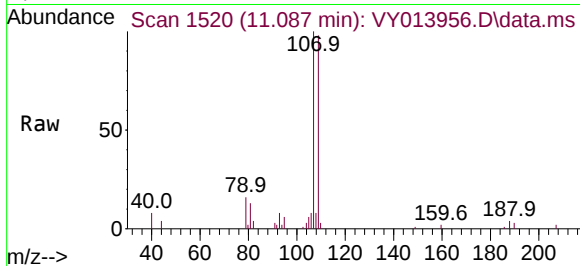




#61  
1,2-Dibromoethane  
Concen: 5.151 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

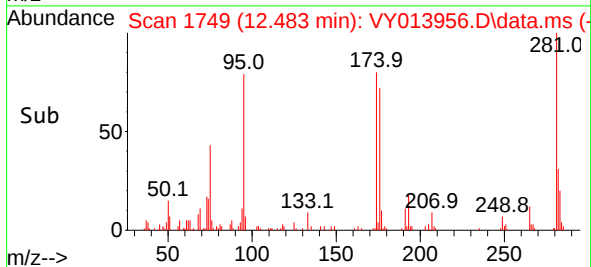
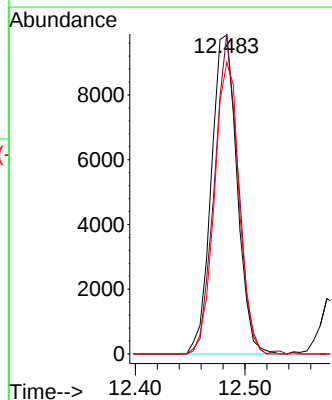
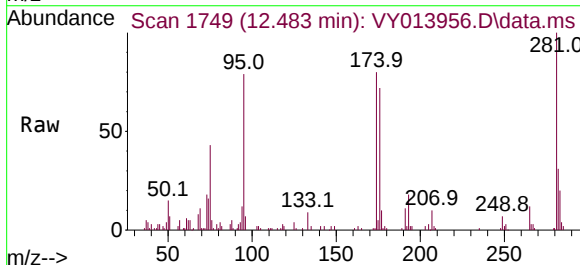
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

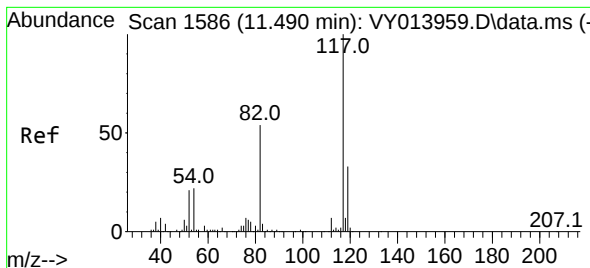
Tgt Ion:107 Resp: 12057  
Ion Ratio Lower Upper  
107 100  
109 92.5 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 5.080 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion: 95 Resp: 16077  
Ion Ratio Lower Upper  
95 100  
174 91.9 0.0 178.2  
176 88.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICC005

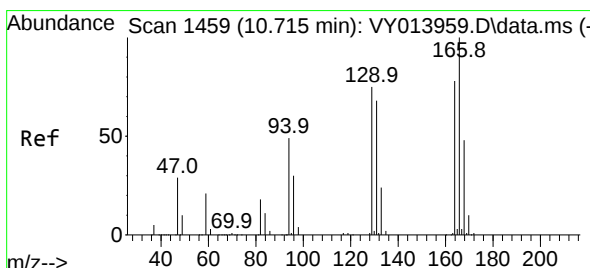
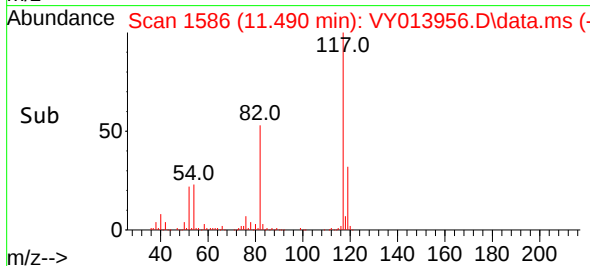
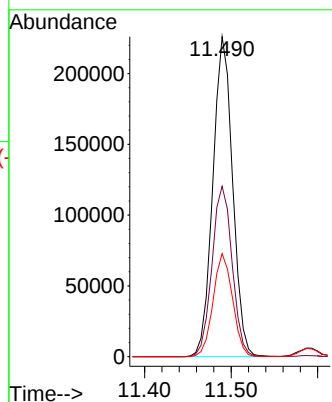
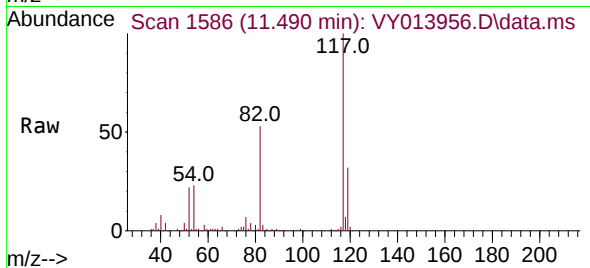
Tgt Ion:117 Resp: 358419

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 5.035 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Tgt Ion:164 Resp: 12362

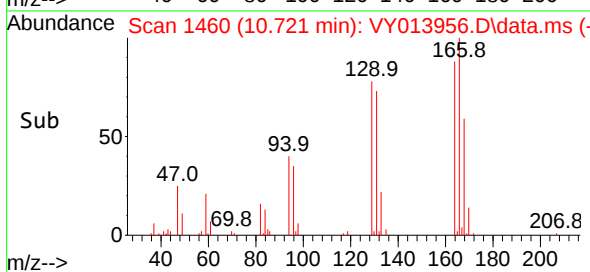
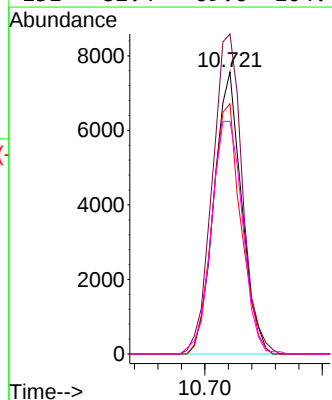
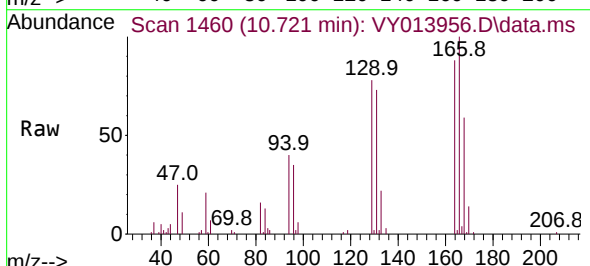
Ion Ratio Lower Upper

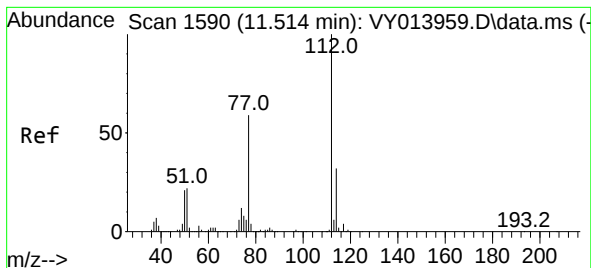
164 100

166 113.4 103.0 154.6

129 88.7 77.2 115.8

131 82.4 69.6 104.4





#65

Chlorobenzene

Concen: 5.195 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

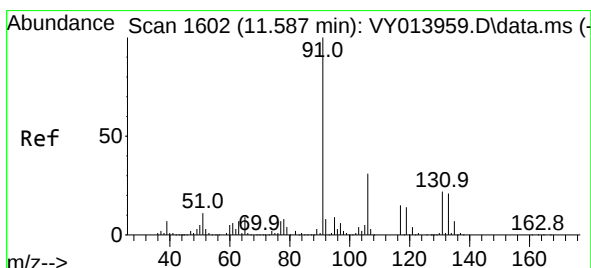
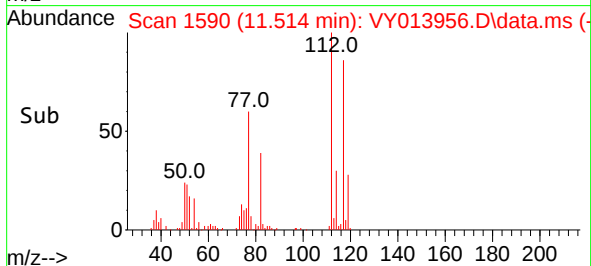
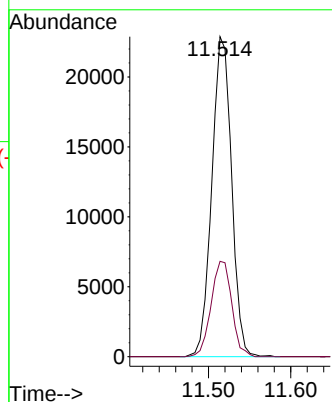
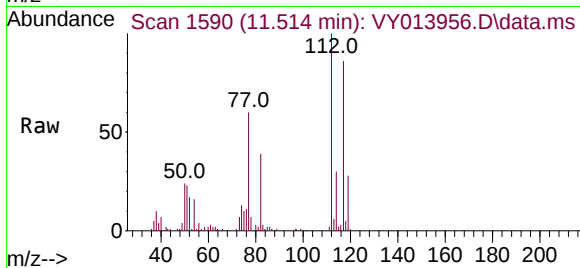
VSTDIC005

Tgt Ion:112 Resp: 38202

Ion Ratio Lower Upper

112 100

114 29.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 4.982 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

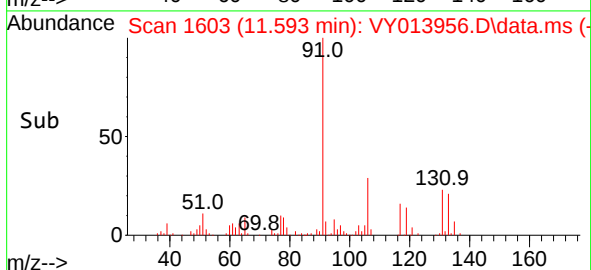
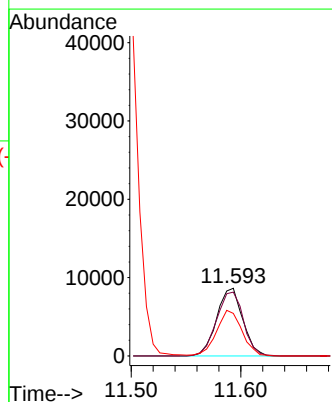
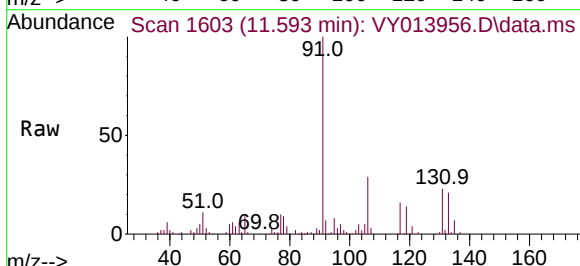
Tgt Ion:131 Resp: 14260

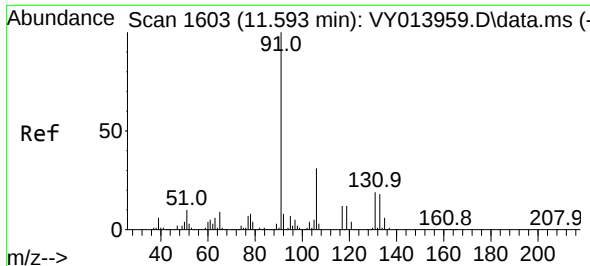
Ion Ratio Lower Upper

131 100

133 97.6 47.5 142.6

119 66.0 31.6 94.7





#67

Ethyl Benzene

Concen: 4.660 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

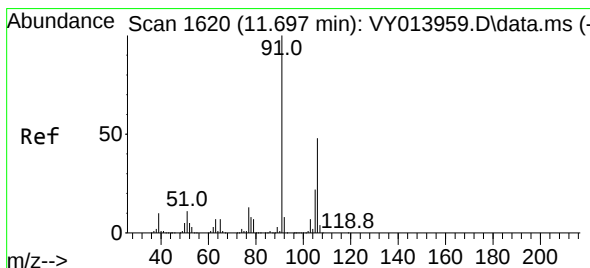
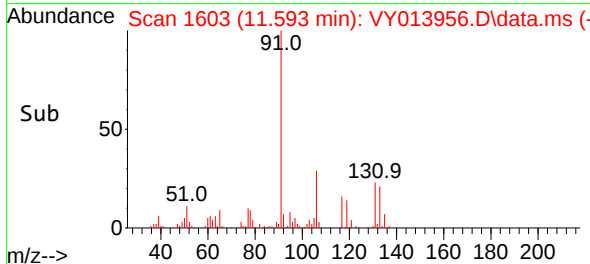
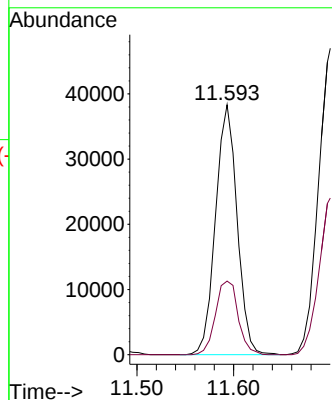
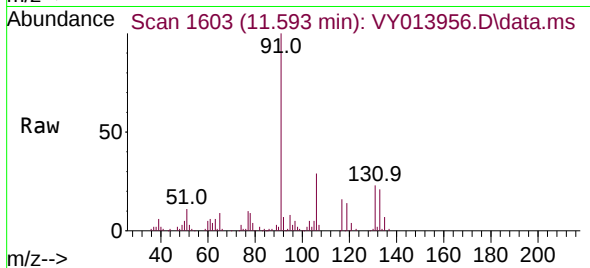
VSTDIC005

Tgt Ion: 91 Resp: 59316

Ion Ratio Lower Upper

91 100

106 29.4 24.6 36.8



#68

m/p-Xylenes

Concen: 9.271 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY013956.D

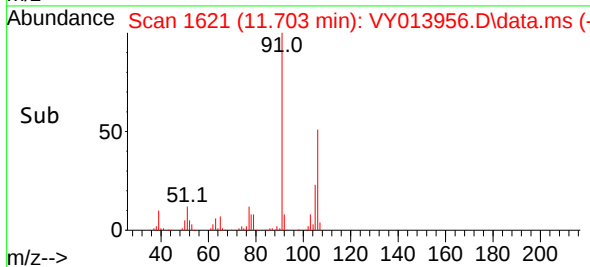
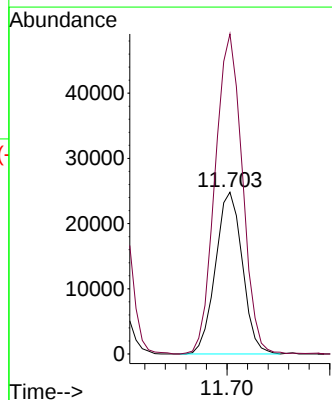
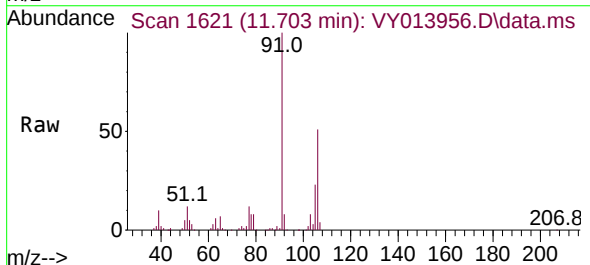
Acq: 01 Jun 2023 11:05

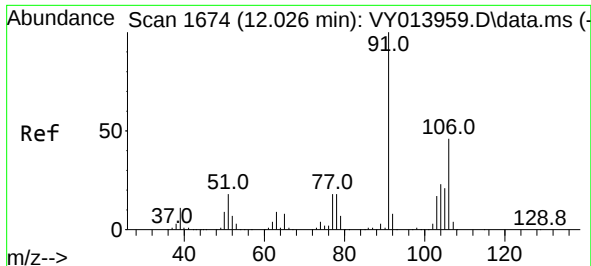
Tgt Ion: 106 Resp: 45075

Ion Ratio Lower Upper

106 100

91 200.8 166.1 249.1

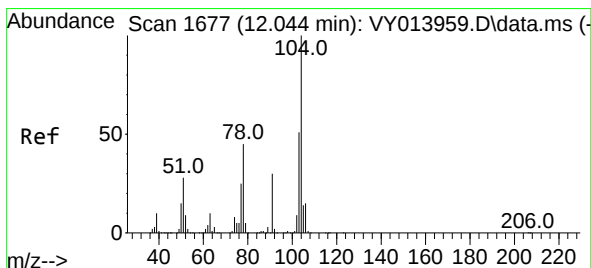
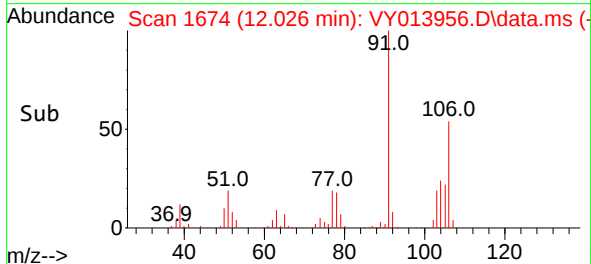
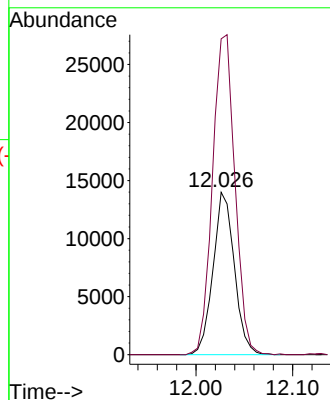
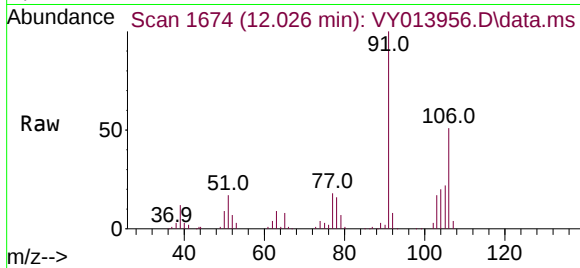




#69  
o-Xylene  
Concen: 4.595 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

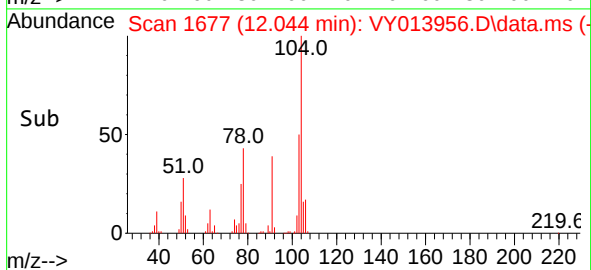
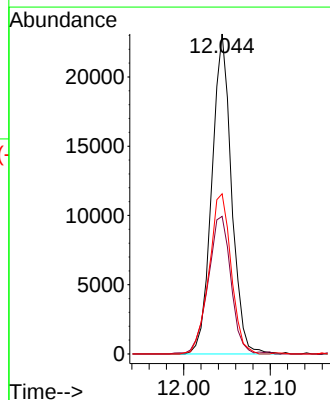
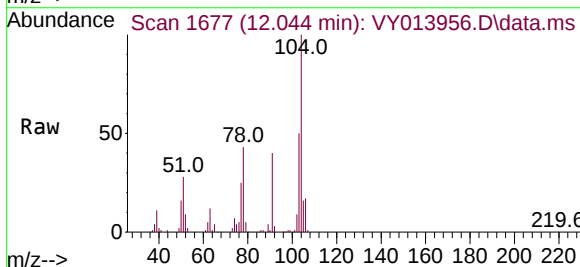
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

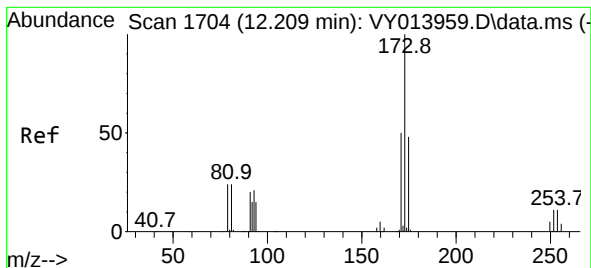
Tgt Ion:106 Resp: 21408  
Ion Ratio Lower Upper  
106 100  
91 207.3 108.1 324.3



#70  
Styrene  
Concen: 4.560 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion:104 Resp: 36488  
Ion Ratio Lower Upper  
104 100  
78 49.9 41.5 62.3  
103 56.1 44.6 67.0





#71

Bromoform

Concen: 4.927 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

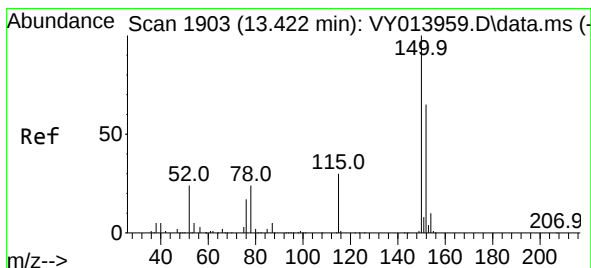
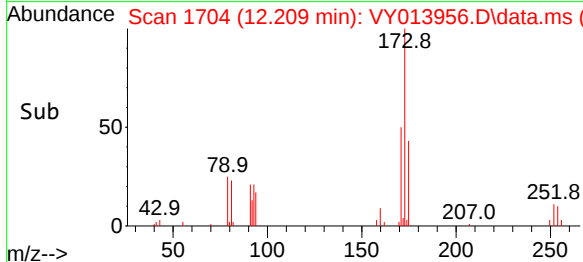
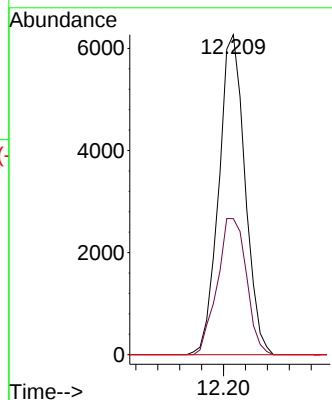
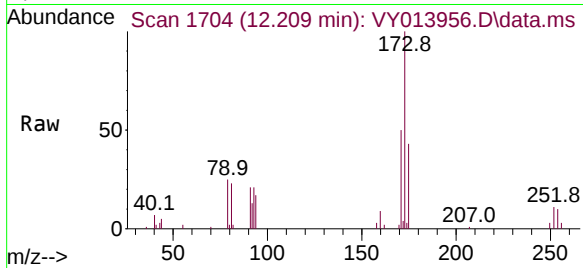
Tgt Ion:173 Resp: 10397

Ion Ratio Lower Upper

173 100

175 47.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

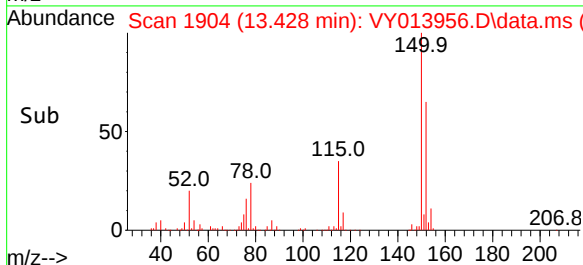
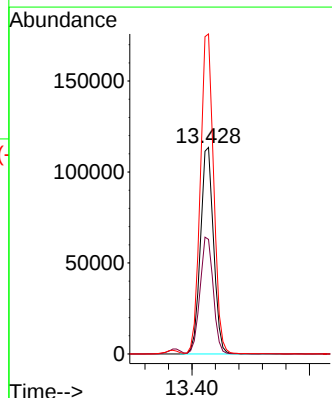
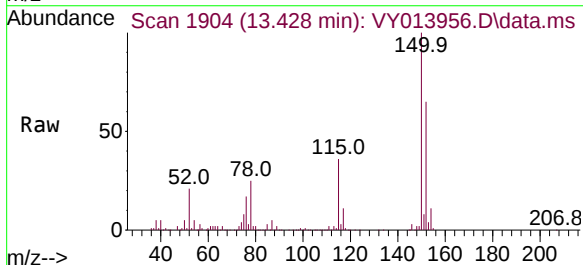
Tgt Ion:152 Resp: 175839

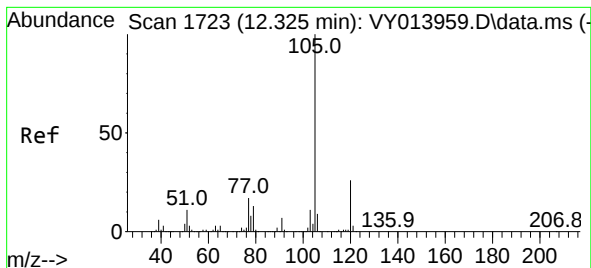
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 157.5 0.0 348.8





#73

Isopropylbenzene

Concen: 4.558 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

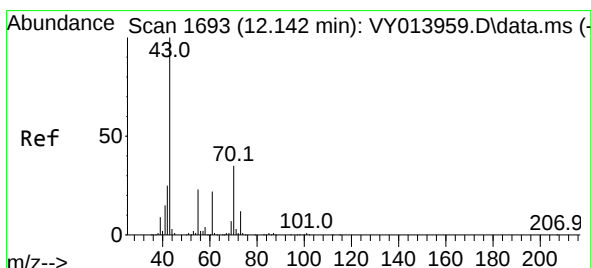
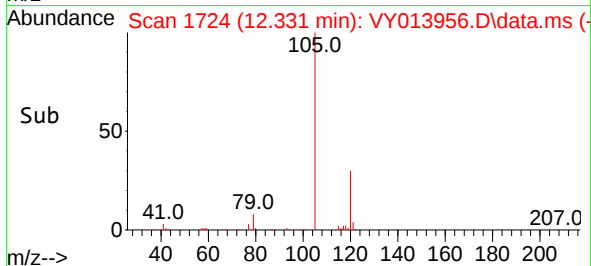
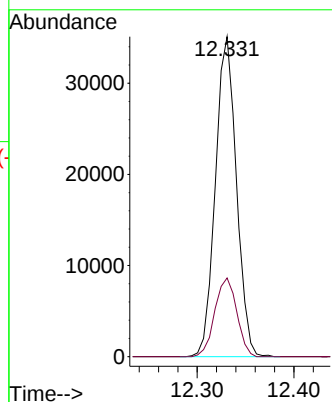
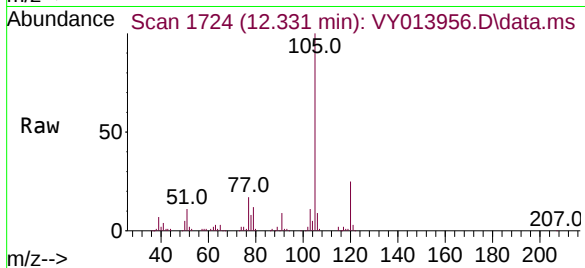
VSTDIC005

Tgt Ion:105 Resp: 52901

Ion Ratio Lower Upper

105 100

120 25.7 13.3 39.9



#74

N-amy1 acetate

Concen: 4.421 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Tgt Ion: 43 Resp: 19687

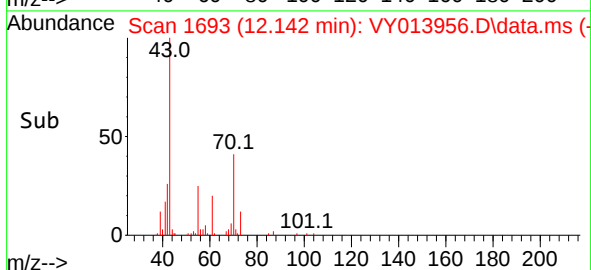
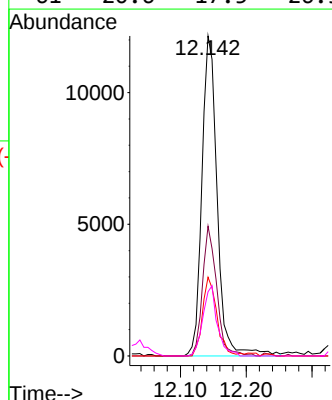
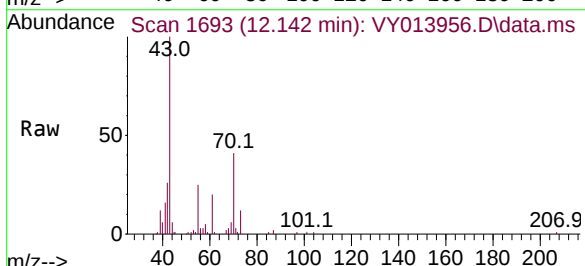
Ion Ratio Lower Upper

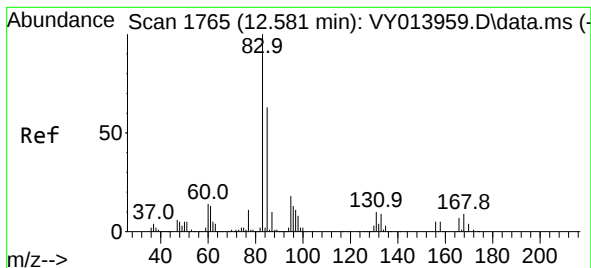
43 100

70 37.5 29.7 44.5

55 23.0 18.3 27.5

61 20.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 5.049 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

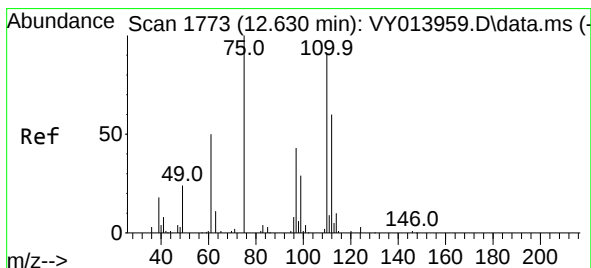
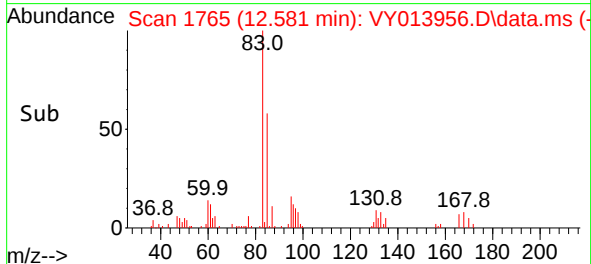
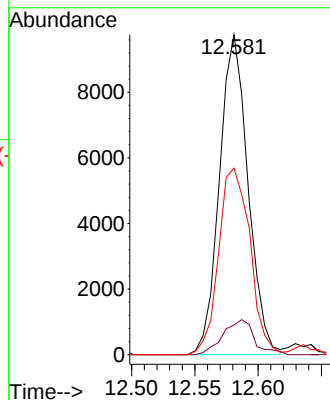
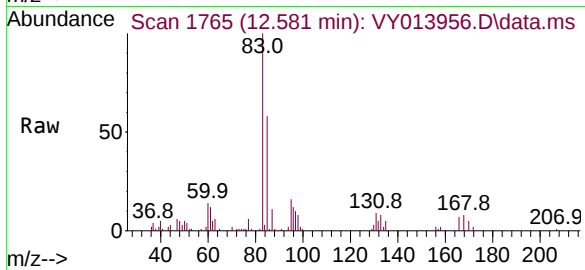
Tgt Ion: 83 Resp: 15316

Ion Ratio Lower Upper

83 100

131 11.9 5.4 16.2

85 63.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 8.412 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY013956.D

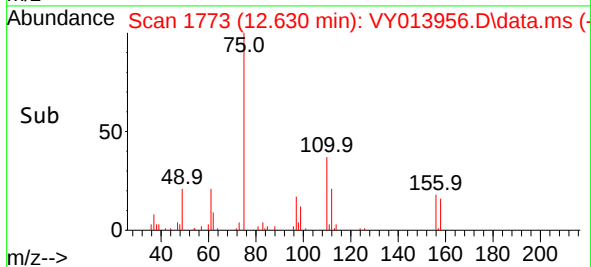
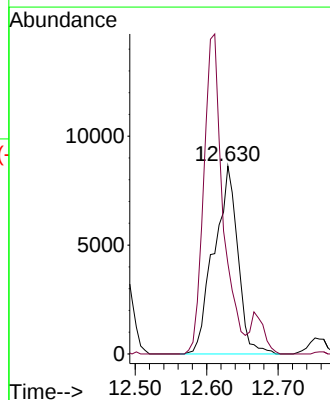
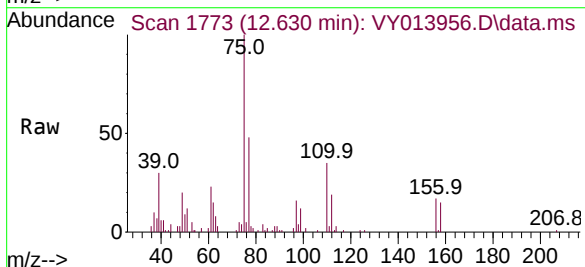
Acq: 01 Jun 2023 11:05

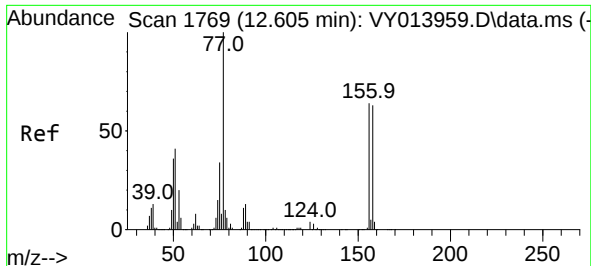
Tgt Ion: 75 Resp: 19945

Ion Ratio Lower Upper

75 100

77 138.0 0.0 0.0#

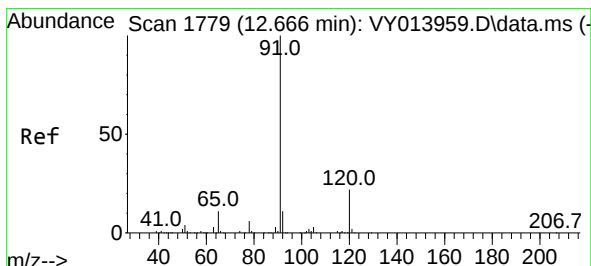
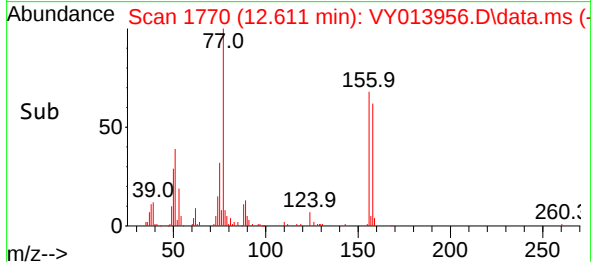
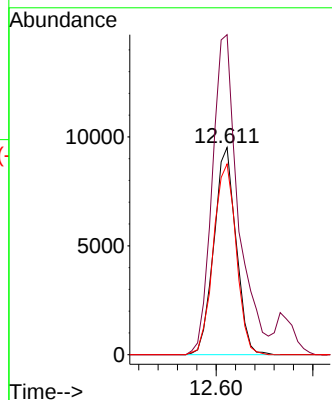
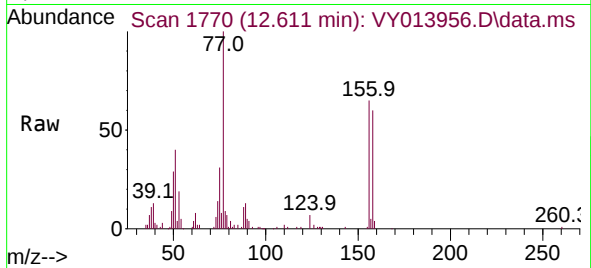




#77  
Bromobenzene  
Concen: 4.834 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

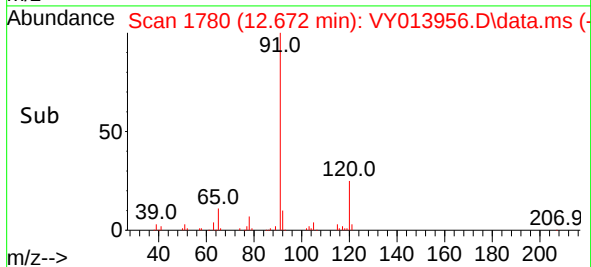
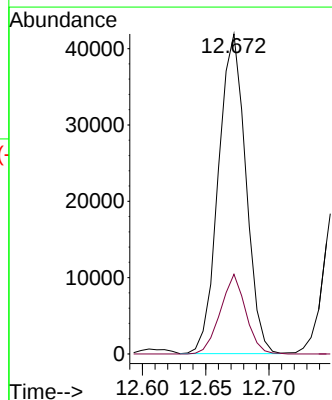
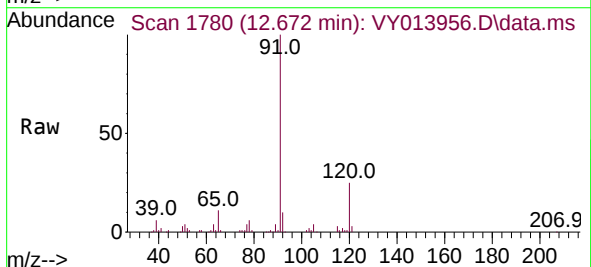
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

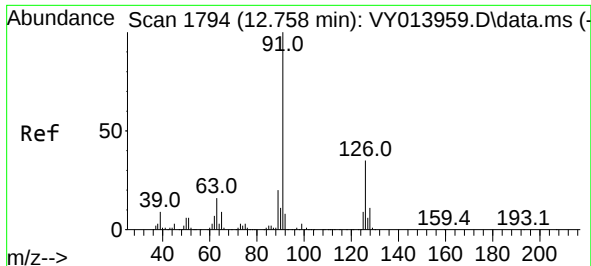
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 181.5 | 92.8  | 278.6 |
| 158     | 94.8  | 48.4  | 145.3 |



#78  
n-propylbenzene  
Concen: 4.424 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. 0.006 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.0  | 11.5  | 34.4  |





#79

2-Chlorotoluene

Concen: 4.700 ug/l

RT: 12.758 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

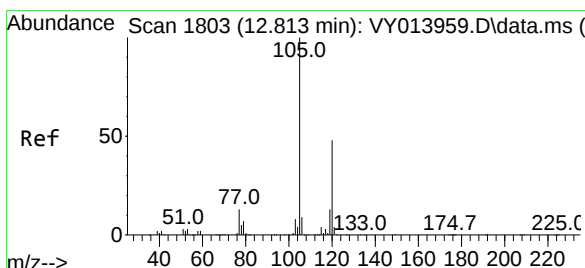
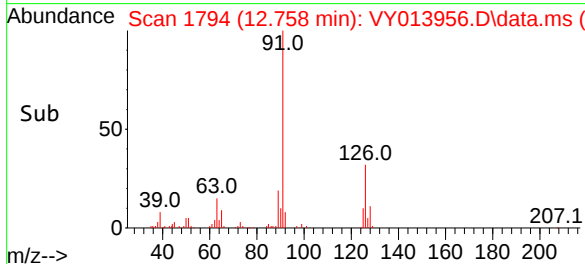
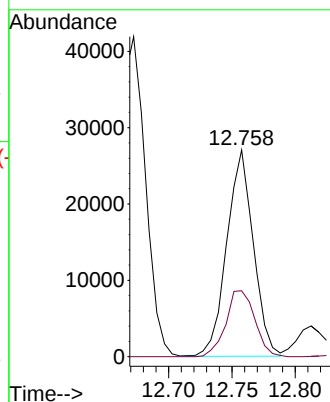
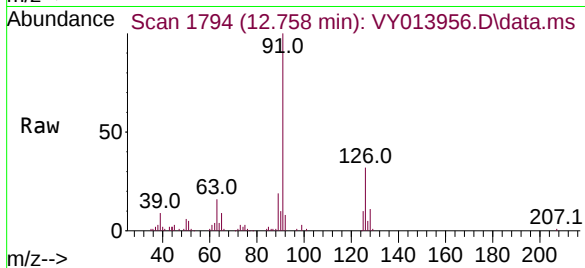
VSTDIC005

Tgt Ion: 91 Resp: 39581

Ion Ratio Lower Upper

91 100

126 34.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 4.530 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY013956.D

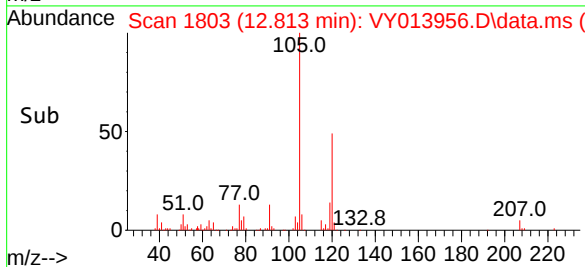
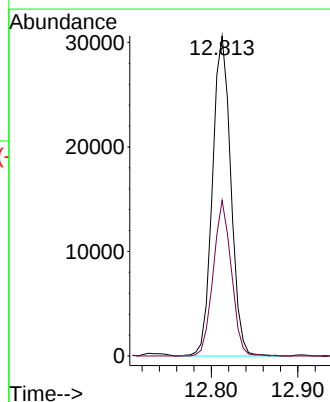
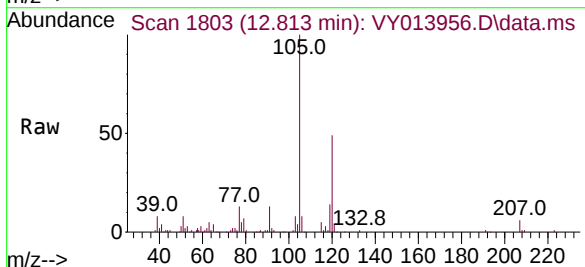
Acq: 01 Jun 2023 11:05

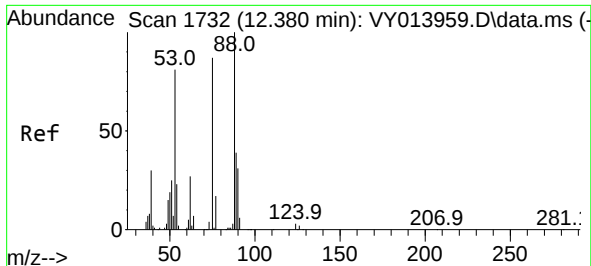
Tgt Ion: 105 Resp: 45057

Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.7

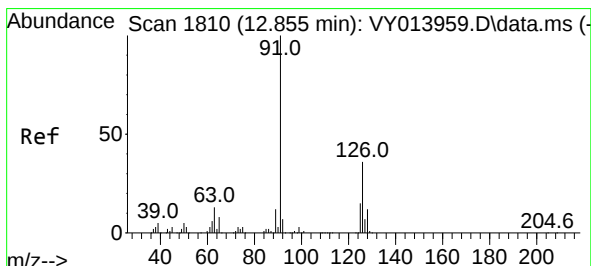
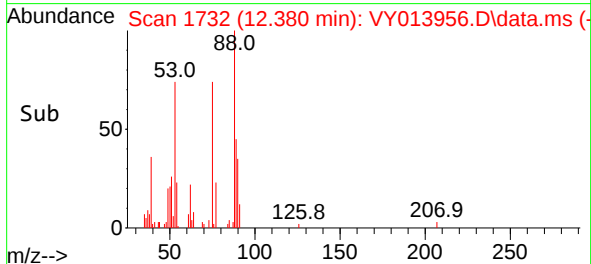
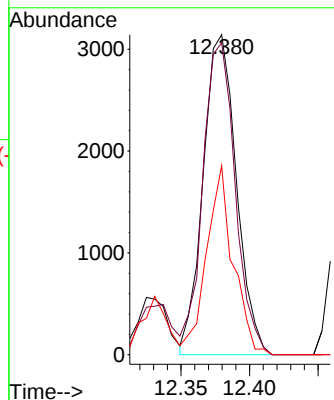
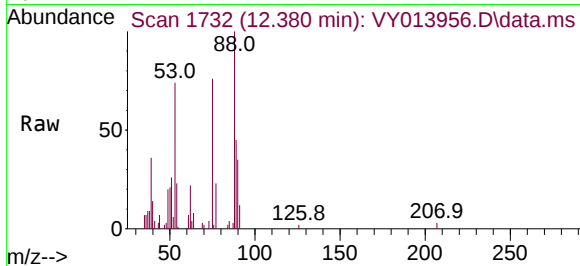




#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.749 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

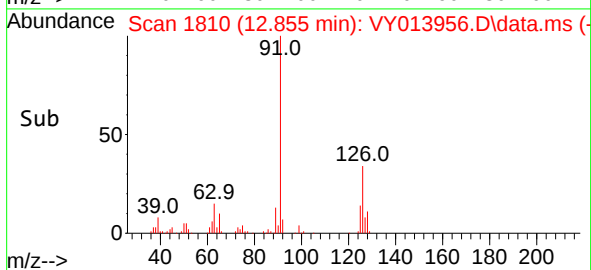
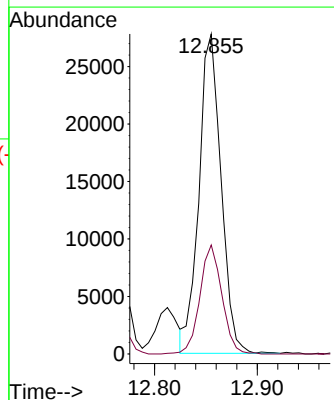
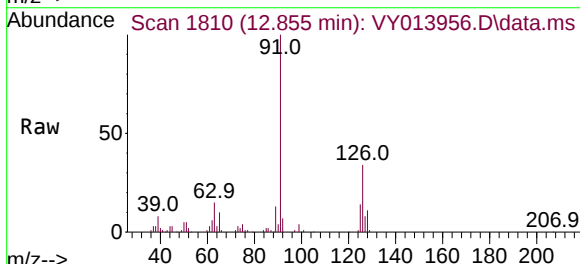
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

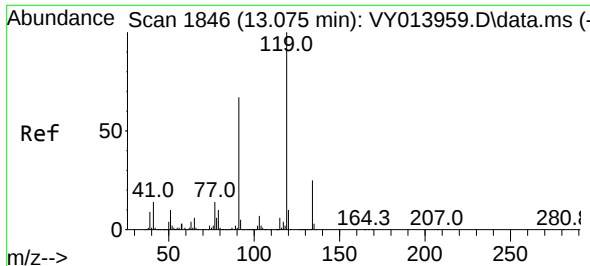
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 5297  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 94.9  | 77.8  | 116.8 |
| 89       | 47.4  | 37.4  | 56.0  |



#82  
4-Chlorotoluene  
Concen: 4.682 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 41468 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 126      | 34.0  | 17.2  | 51.6  |

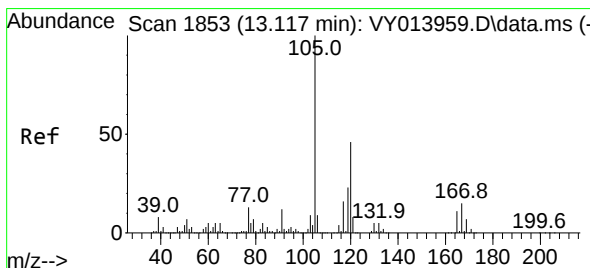
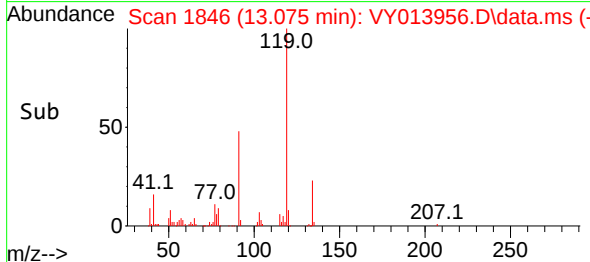
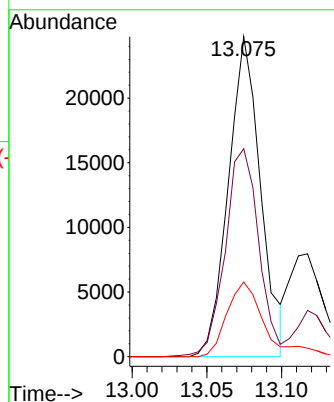
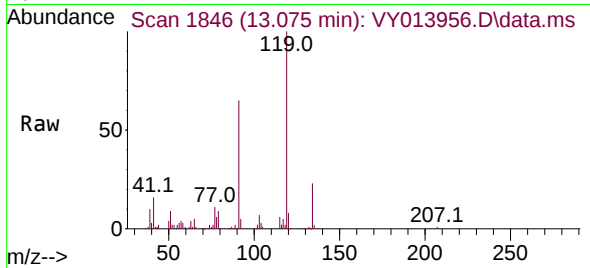




#83  
tert-Butylbenzene  
Concen: 4.456 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

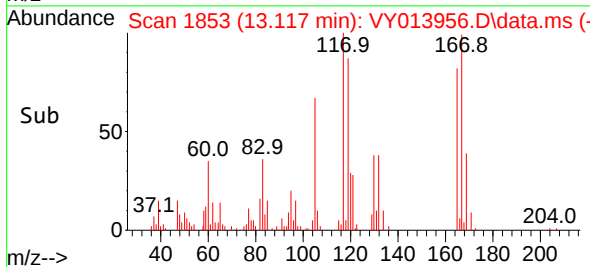
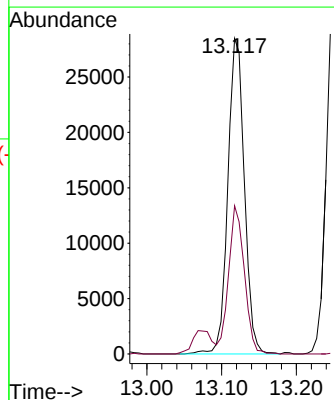
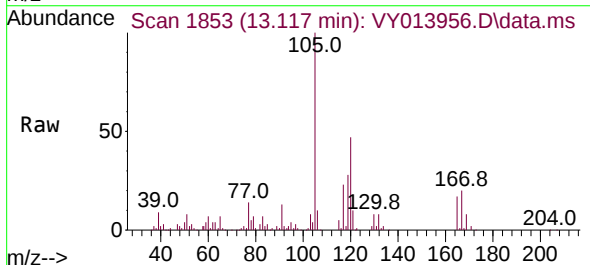
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

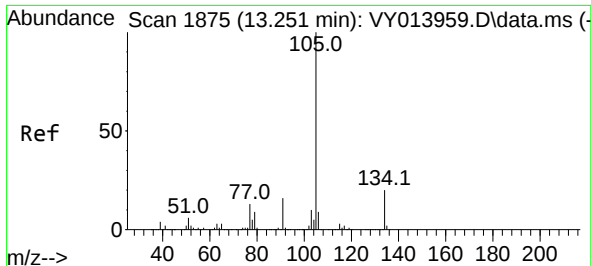
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:119 | Resp: | 37119       |
| Ion         | Ratio | Lower Upper |
| 119         | 100   |             |
| 91          | 67.6  | 32.9 98.6   |
| 134         | 27.3  | 13.0 38.9   |



#84  
1,2,4-Trimethylbenzene  
Concen: 4.404 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 43752       |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 120         | 44.9  | 22.2 66.6   |

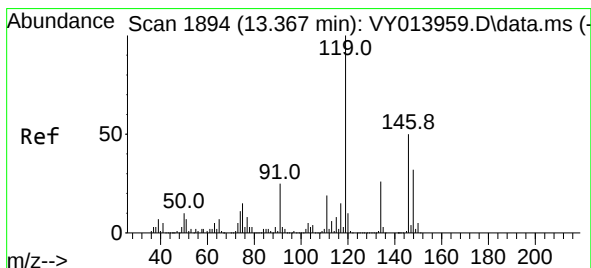
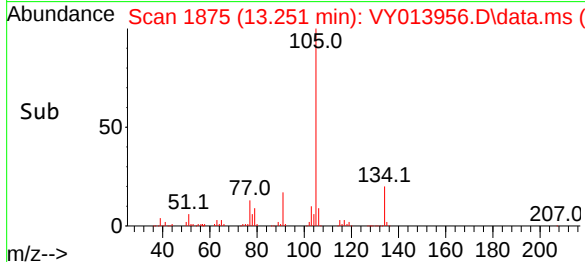
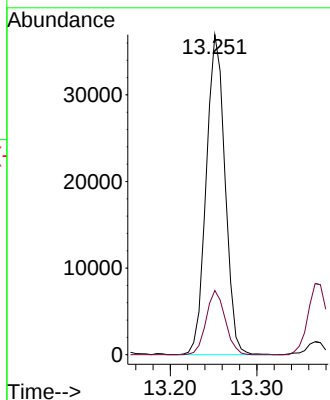
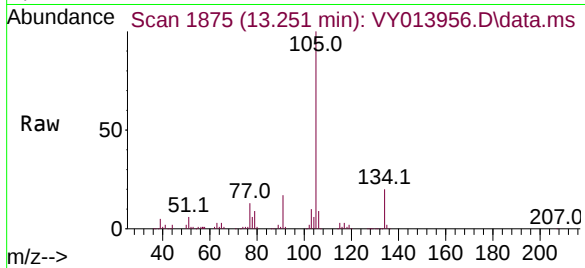




#85  
 sec-Butylbenzene  
 Concen: 4.595 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.000 min  
 Lab File: VY013956.D  
 Acq: 01 Jun 2023 11:05

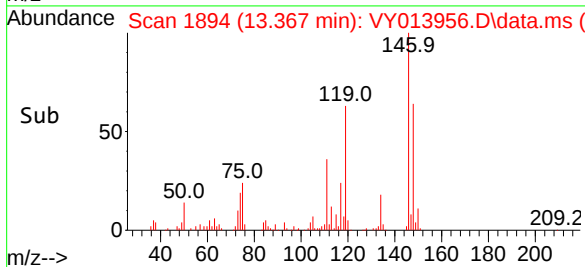
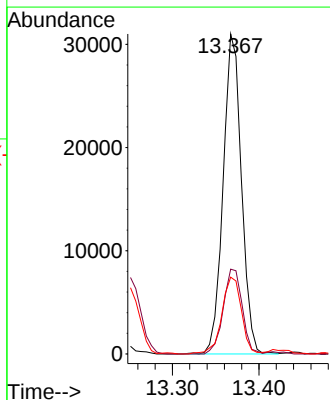
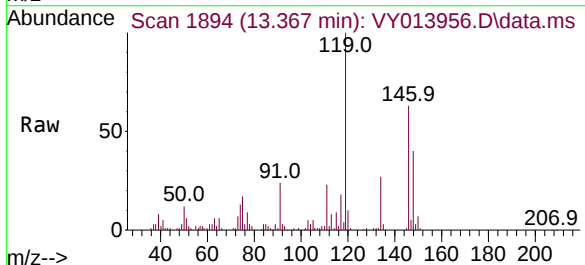
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

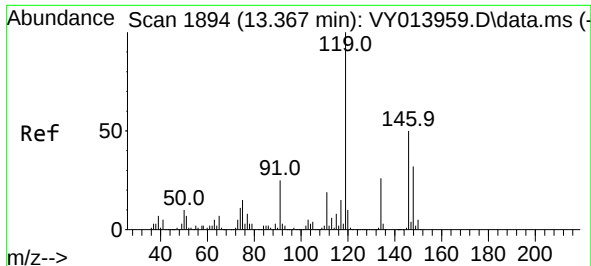
Tgt Ion:105 Resp: 55663  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 4.456 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.000 min  
 Lab File: VY013956.D  
 Acq: 01 Jun 2023 11:05

Tgt Ion:119 Resp: 45558  
 Ion Ratio Lower Upper  
 119 100  
 134 27.3 13.3 39.8  
 91 25.6 12.4 37.4

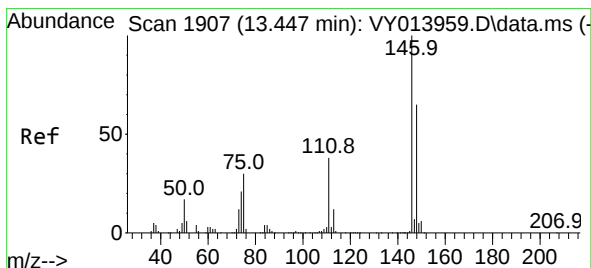
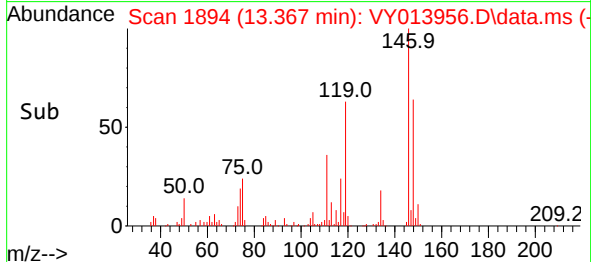
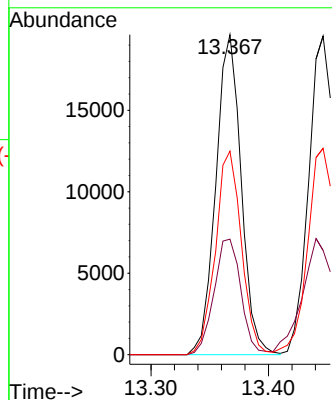
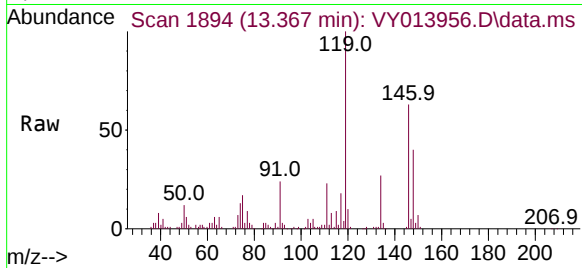




#87  
1,3-Dichlorobenzene  
Concen: 4.947 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

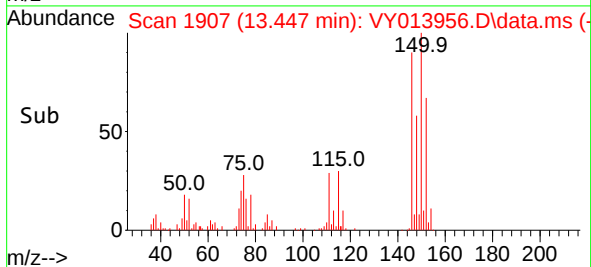
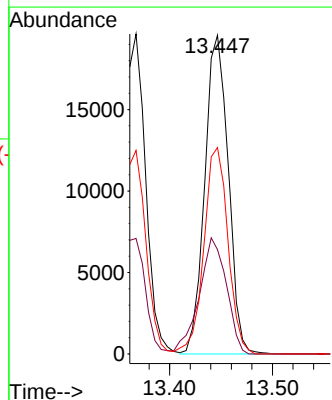
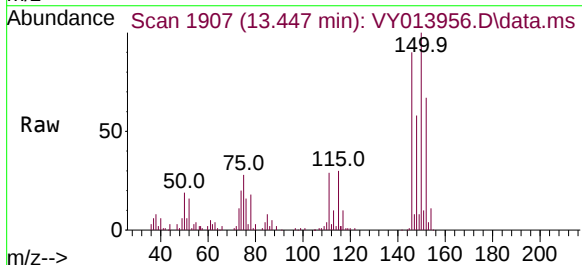
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

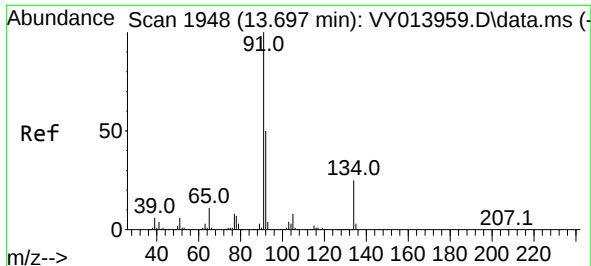
Tgt Ion:146 Resp: 29475  
Ion Ratio Lower Upper  
146 100  
111 38.5 19.4 58.2  
148 65.2 31.9 95.5



#88  
1,4-Dichlorobenzene  
Concen: 5.158 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion:146 Resp: 31088  
Ion Ratio Lower Upper  
146 100  
111 42.2 18.9 56.7  
148 66.4 32.1 96.5

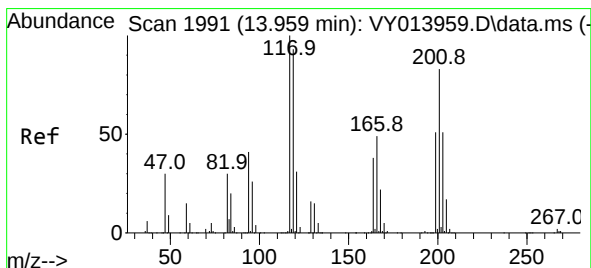
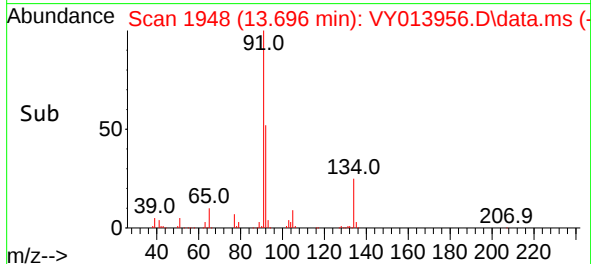
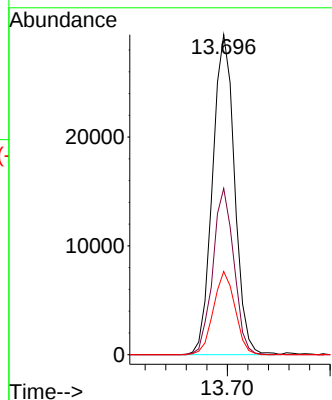
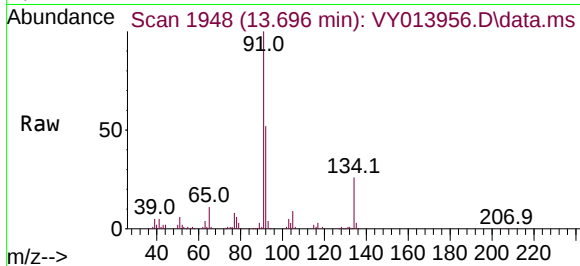




#89  
n-Butylbenzene  
Concen: 4.528 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

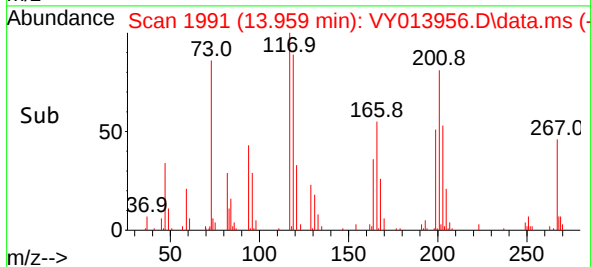
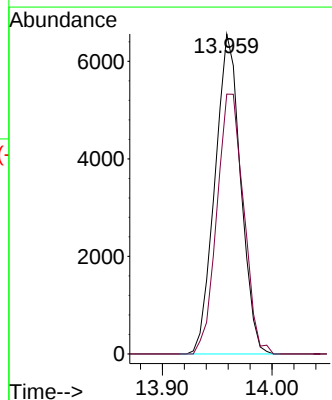
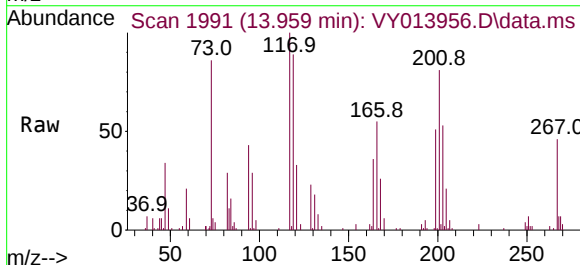
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

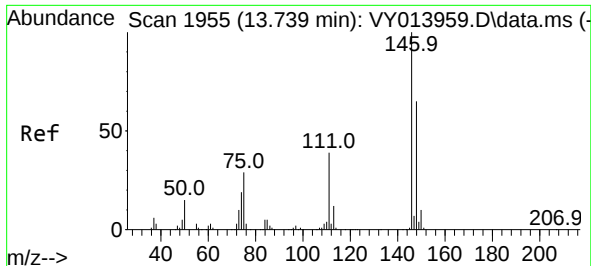
|             |             |
|-------------|-------------|
| Tgt Ion: 91 | Resp: 43682 |
| Ion Ratio   | Lower Upper |
| 91 100      |             |
| 92 49.8     | 25.4 76.0   |
| 134 25.5    | 12.6 37.6   |



#90  
Hexachloroethane  
Concen: 4.979 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:117 | Resp: | 10685 |       |
| Ion         | Ratio | Lower | Upper |
| 117         | 100   |       |       |
| 201         | 84.6  | 41.6  | 124.8 |

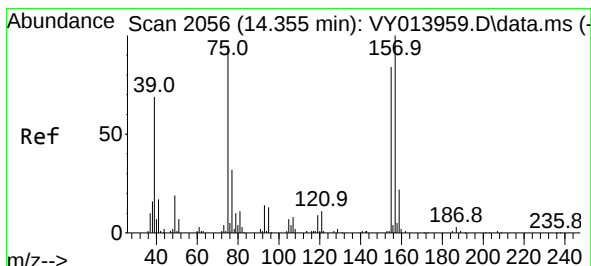
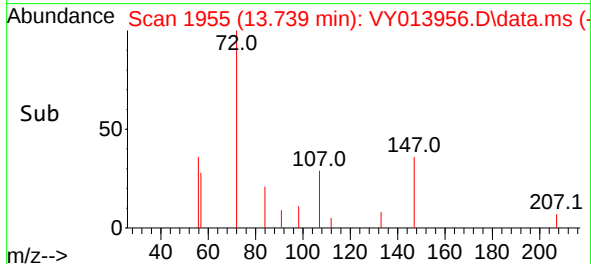
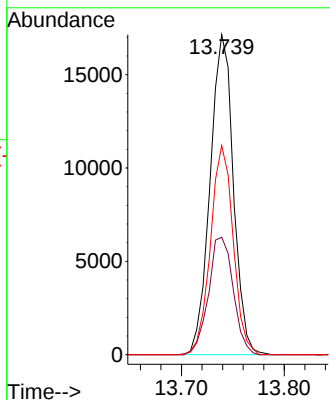
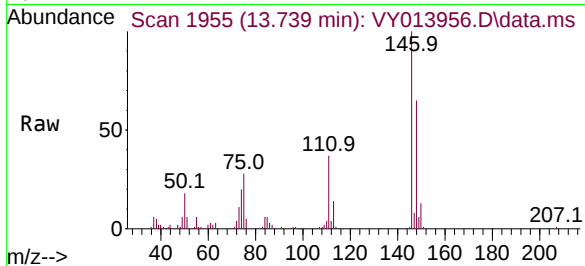




#91  
 1,2-Dichlorobenzene  
 Concen: 4.897 ug/l  
 RT: 13.739 min Scan# 1955  
 Delta R.T. -0.000 min  
 Lab File: VY013956.D  
 Acq: 01 Jun 2023 11:05

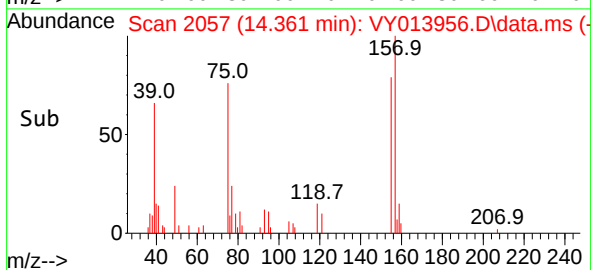
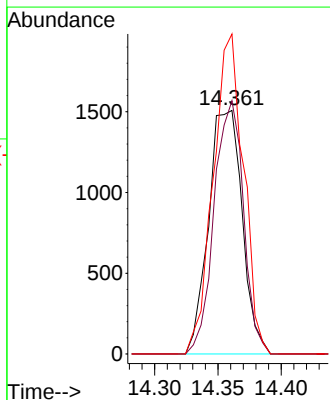
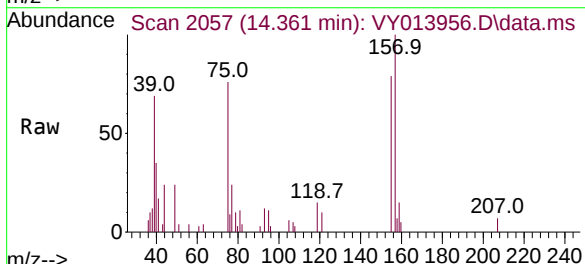
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

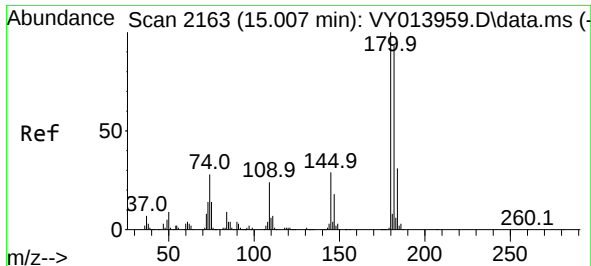
Tgt Ion:146 Resp: 26881  
 Ion Ratio Lower Upper  
 146 100  
 111 39.1 19.7 59.0  
 148 63.9 32.0 96.2



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 4.764 ug/l  
 RT: 14.361 min Scan# 2057  
 Delta R.T. 0.006 min  
 Lab File: VY013956.D  
 Acq: 01 Jun 2023 11:05

Tgt Ion: 75 Resp: 2787  
 Ion Ratio Lower Upper  
 75 100  
 155 90.5 41.5 124.6  
 157 118.5 51.8 155.5

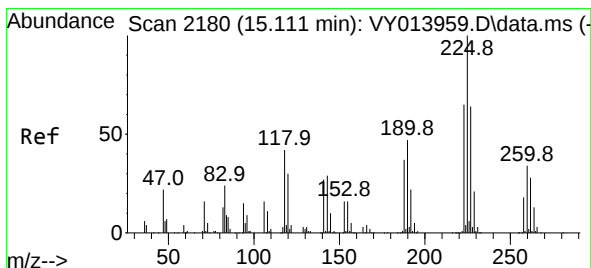
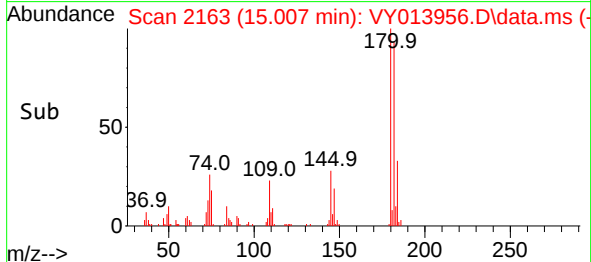
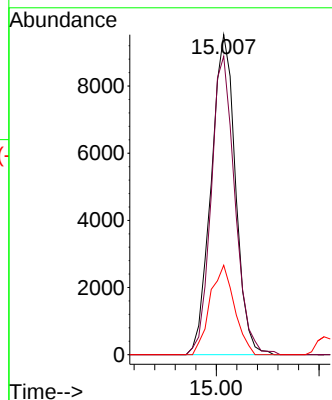
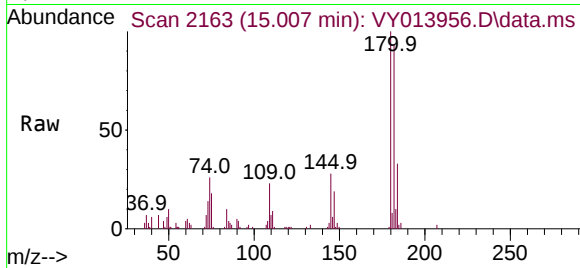




#93  
1,2,4-Trichlorobenzene  
Concen: 4.626 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

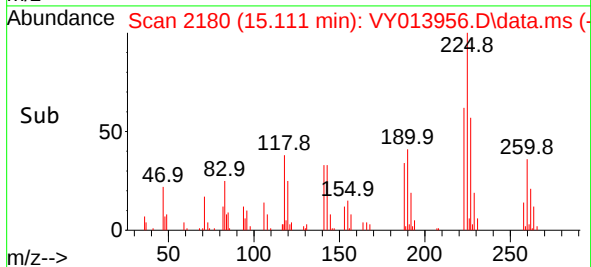
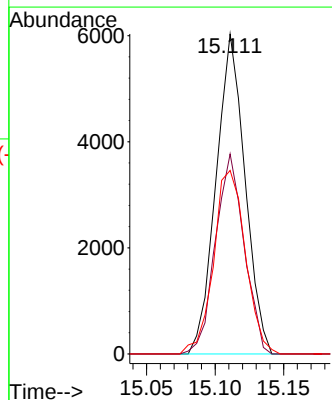
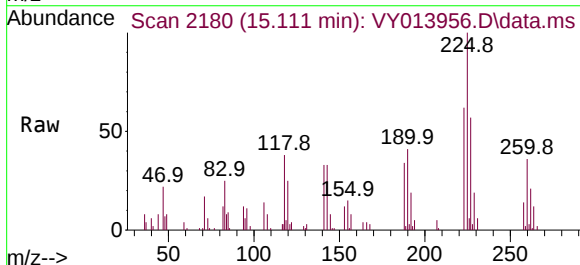
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

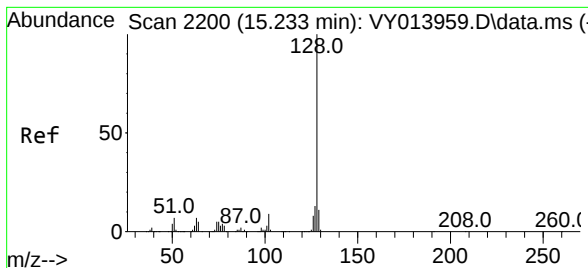
Tgt Ion:180 Resp: 15609  
Ion Ratio Lower Upper  
180 100  
182 91.2 47.0 141.2  
145 28.1 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 4.929 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY013956.D  
Acq: 01 Jun 2023 11:05

Tgt Ion:225 Resp: 8859  
Ion Ratio Lower Upper  
225 100  
223 62.0 31.9 95.9  
227 62.9 33.0 98.9





#95

Naphthalene

Concen: 7.327 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

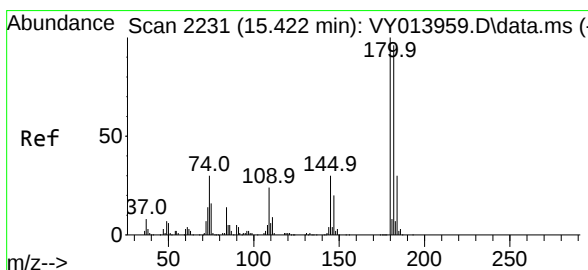
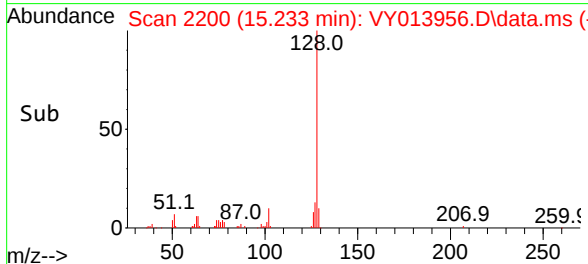
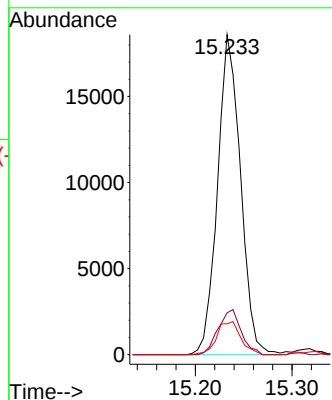
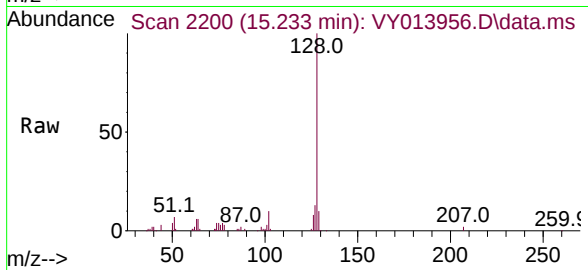
Tgt Ion:128 Resp: 30663

Ion Ratio Lower Upper

128 100

127 14.1 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.533 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013956.D

Acq: 01 Jun 2023 11:05

Tgt Ion:180 Resp: 13931

Ion Ratio Lower Upper

180 100

182 93.7 47.3 141.8

145 30.7 15.4 46.2

