

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041923\  
 Data File : VY013340.D  
 Acq On : 19 Apr 2023 12:31  
 Operator : KP/MD  
 Sample : VY0419SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Apr 20 06:55:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041223S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 13 05:55:16 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.795  | 168   | 281922   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.691  | 114   | 421650   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.490 | 117   | 371233   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.428 | 152   | 187823   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.143  | 65    | 160926   | 47.498   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 95.000%  |
| 35) Dibromofluoromethane     | 7.716  | 113   | 152793   | 55.974   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 111.940% |
| 50) Toluene-d8               | 10.179 | 98    | 519927   | 51.171   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 49 - 140 | Recovery | =      | 102.340% |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 177742   | 53.840   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 25 - 144 | Recovery | =      | 107.680% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.906  | 85    | 45814    | 18.056   | ug/l   | 98       |
| 3) Chloromethane             | 2.113  | 50    | 55629    | 17.500   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.253  | 62    | 54299    | 18.016   | ug/l   | 95       |
| 5) Bromomethane              | 2.650  | 94    | 35927    | 15.545   | ug/l   | 98       |
| 6) Chloroethane              | 2.790  | 64    | 32257    | 15.870   | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 3.125  | 101   | 96604    | 20.594   | ug/l   | 99       |
| 8) Diethyl Ether             | 3.528  | 74    | 34972    | 20.520   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 3.893  | 101   | 55609    | 20.174   | ug/l   | 95       |
| 10) Methyl Iodide            | 4.095  | 142   | 67526    | 19.971   | ug/l   | 97       |
| 11) Tert butyl alcohol       | 4.997  | 59    | 34916    | 45.932   | ug/l # | 86       |
| 12) 1,1-Dichloroethene       | 3.875  | 96    | 52879    | 19.933   | ug/l   | 93       |
| 13) Acrolein                 | 3.729  | 56    | 40242    | 96.689   | ug/l   | 99       |
| 14) Allyl chloride           | 4.479  | 41    | 92411    | 18.236   | ug/l   | 98       |
| 15) Acrylonitrile            | 5.161  | 53    | 104940   | 107.154  | ug/l   | 99       |
| 16) Acetone                  | 3.954  | 43    | 113942   | 97.812   | ug/l   | 99       |
| 17) Carbon Disulfide         | 4.192  | 76    | 158267   | 18.121   | ug/l   | 98       |
| 18) Methyl Acetate           | 4.479  | 43    | 76948    | 20.424   | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 5.222  | 73    | 163902   | 20.625   | ug/l   | 99       |
| 20) Methylene Chloride       | 4.716  | 84    | 82735    | 24.730   | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 5.222  | 96    | 60464    | 19.966   | ug/l   | 98       |
| 22) Diisopropyl ether        | 6.119  | 45    | 194401   | 19.465   | ug/l   | 93       |
| 23) Vinyl Acetate            | 6.064  | 43    | 608895   | 96.443   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.015  | 63    | 109146   | 19.564   | ug/l   | 98       |
| 25) 2-Butanone               | 6.990  | 43    | 153553   | 102.949  | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 6.984  | 77    | 93562    | 18.693   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 6.990  | 96    | 67462    | 20.487   | ug/l   | 98       |
| 28) Bromochloromethane       | 7.338  | 49    | 43400    | 19.520   | ug/l   | 95       |
| 29) Tetrahydrofuran          | 7.356  | 42    | 96593    | 106.627  | ug/l   | 97       |
| 30) Chloroform               | 7.509  | 83    | 115598   | 20.476   | ug/l   | 97       |
| 31) Cyclohexane              | 7.789  | 56    | 90454    | 17.657   | ug/l # | 89       |
| 32) 1,1,1-Trichloroethane    | 7.704  | 97    | 101777   | 19.928   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 7.923  | 75    | 82020    | 19.834   | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.076  | 43    | 66650    | 19.994   | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 7.905  | 117   | 93158    | 20.373   | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.185  | 83    | 93696    | 19.490   | ug/l   | 96       |
| 40) Benzene                  | 8.161  | 78    | 238662   | 19.940   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041923\  
 Data File : VY013340.D  
 Acq On : 19 Apr 2023 12:31  
 Operator : KP/MD  
 Sample : VY0419SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Apr 20 06:55:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041223S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 13 05:55:16 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.350  | 41   | 88679    | 64.123  | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.240  | 62   | 82194    | 20.255  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 111092   | 20.064  | ug/l   | 99       |
| 44) Trichloroethene           | 8.941  | 130  | 66687    | 21.629  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 64625    | 20.803  | ug/l   | 98       |
| 46) Dibromomethane            | 9.307  | 93   | 40853    | 21.850  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.496  | 83   | 91731    | 21.462  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.295  | 41   | 49402    | 19.425  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.313  | 88   | 12520    | 494.243 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 322690   | 107.088 | ug/l   | 99       |
| 52) Toluene                   | 10.246 | 92   | 146480   | 20.268  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 93727    | 20.939  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 105438   | 21.483  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 55300    | 22.432  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 72817    | 21.573  | ug/l   | 97       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 90311    | 21.539  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 163037   | 115.678 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.831 | 43   | 234690   | 107.115 | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.984 | 129  | 69210    | 22.390  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 55489    | 23.115  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.721 | 164  | 58487    | 22.332  | ug/l   | 100      |
| 65) Chlorobenzene             | 11.514 | 112  | 160716   | 20.695  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.593 | 131  | 62439    | 21.425  | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.593 | 91   | 270611   | 20.008  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 215864   | 41.713  | ug/l   | 100      |
| 69) o-Xylene                  | 12.032 | 106  | 102350   | 21.355  | ug/l   | 97       |
| 70) Styrene                   | 12.044 | 104  | 172046   | 21.253  | ug/l   | 99       |
| 71) Bromoform                 | 12.209 | 173  | 46873    | 23.216  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.331 | 105  | 265633   | 20.618  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 88324    | 19.216  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 67597    | 21.239  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 86566    | 36.987  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 69654    | 21.620  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.672 | 91   | 319333   | 20.069  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 183495   | 20.487  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 226086   | 20.951  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 24602    | 21.817  | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 189610   | 20.081  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 190216   | 20.542  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 222299   | 21.166  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.251 | 105  | 286119   | 20.662  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 241394   | 21.244  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 132619   | 21.354  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 133808   | 21.321  | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.696 | 91   | 219374   | 20.185  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.959 | 117  | 48614    | 20.519  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 120988   | 21.409  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 12601    | 21.802  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 75167    | 22.379  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 45600    | 22.927  | ug/l   | 99       |
| 95) Naphthalene               | 15.239 | 128  | 169224   | 22.434  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 71277    | 23.293  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041923\  
Data File : VY013340.D  
Acq On : 19 Apr 2023 12:31  
Operator : KP/MD  
Sample : VY0419SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

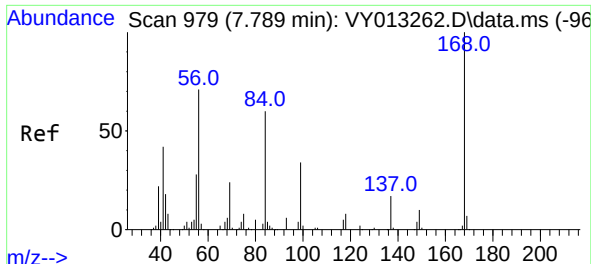
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Apr 20 06:55:19 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041223S.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 13 05:55:16 2023  
Response via : Initial Calibration

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

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

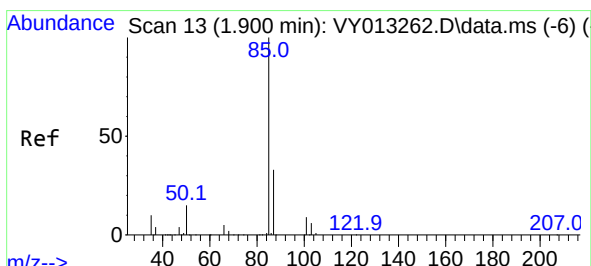
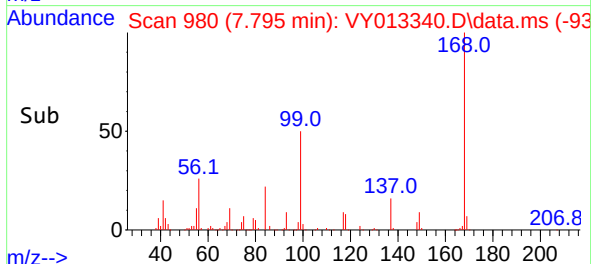
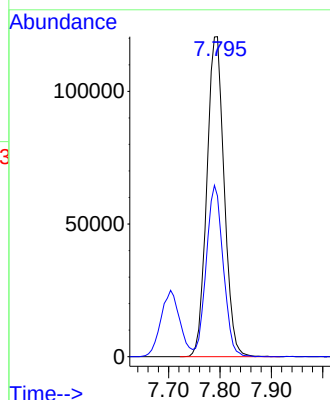
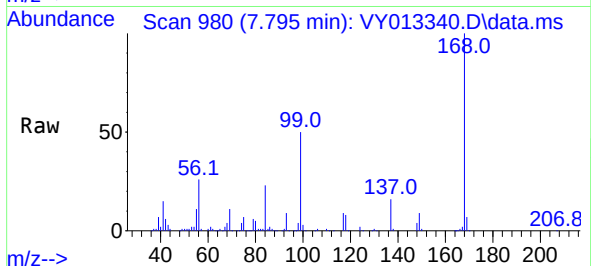




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 99  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

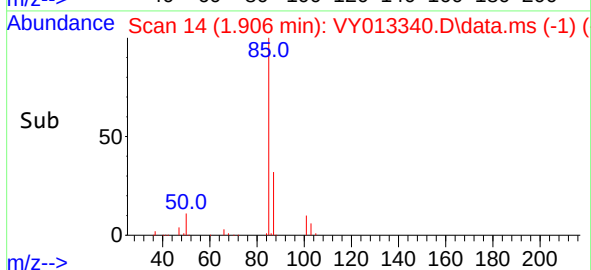
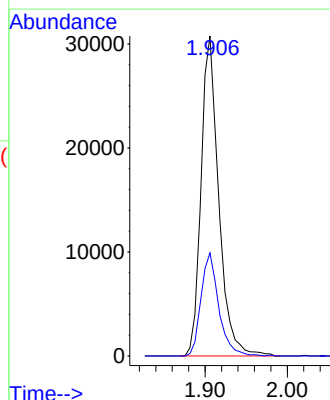
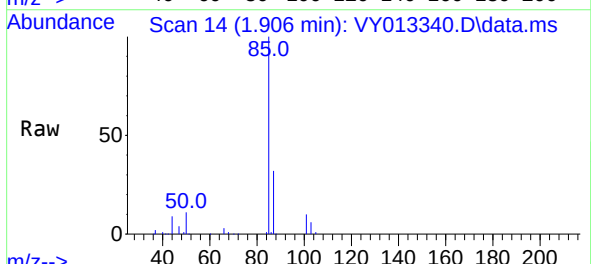
Instrument :  
MSVOA\_Y  
ClientSampleId :

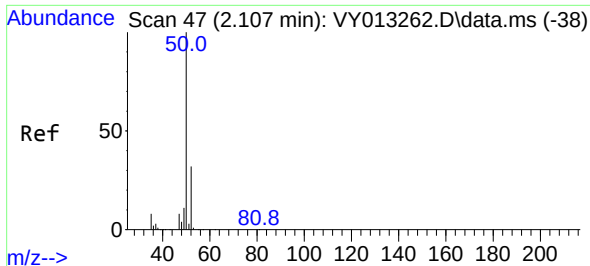
Tgt Ion:168 Resp: 281922  
Ion Ratio Lower Upper  
168 100  
99 50.2 41.7 62.5



#2  
Dichlorodifluoromethane  
Concen: 18.056 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion: 85 Resp: 45814  
Ion Ratio Lower Upper  
85 100  
87 32.2 16.7 50.0

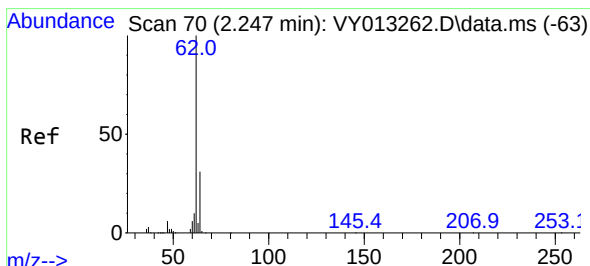
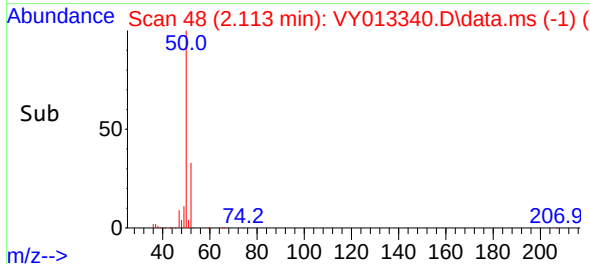
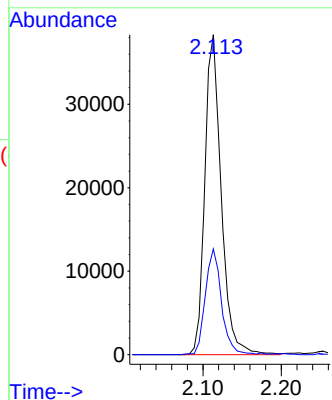
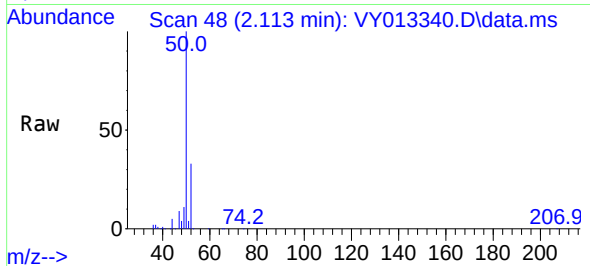




#3  
Chloromethane  
Concen: 17.500 ug/l  
RT: 2.113 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

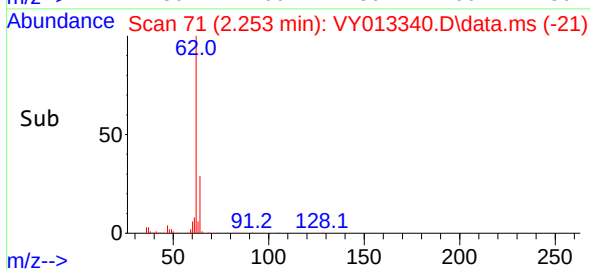
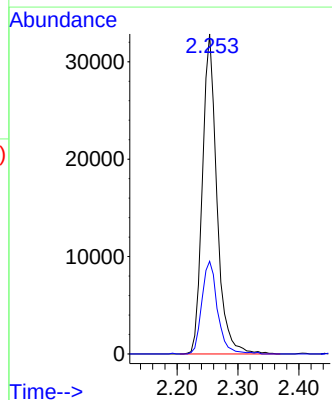
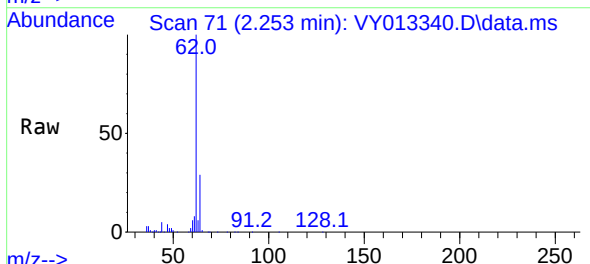
Instrument :  
MSVOA\_Y  
ClientSampleId :

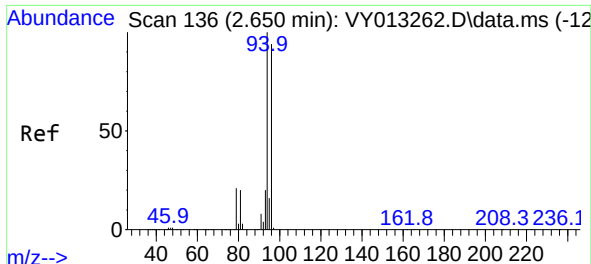
Tgt Ion: 50 Resp: 55629  
Ion Ratio Lower Upper  
50 100  
52 33.1 26.0 39.0



#4  
Vinyl Chloride  
Concen: 18.016 ug/l  
RT: 2.253 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion: 62 Resp: 54299  
Ion Ratio Lower Upper  
62 100  
64 28.9 25.6 38.4

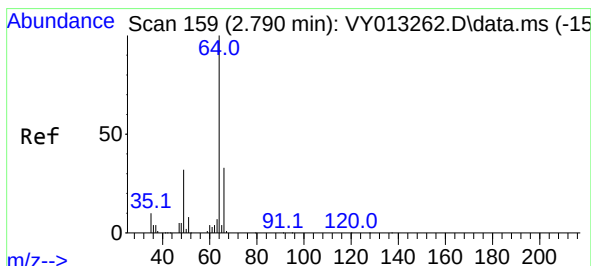
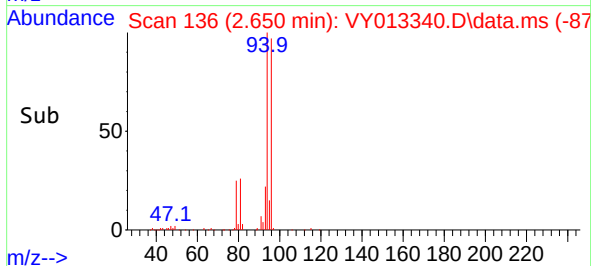
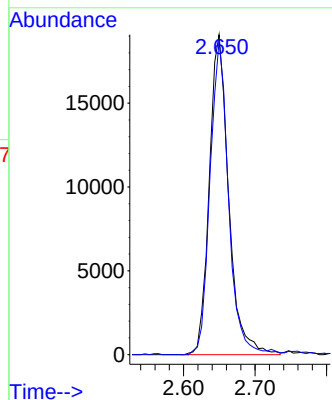
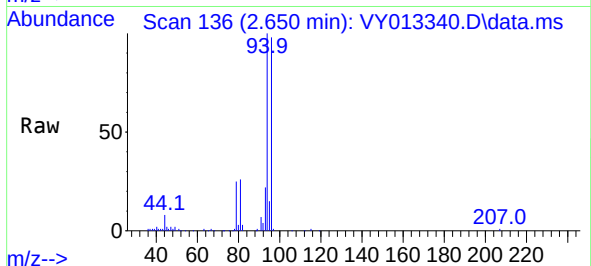




#5  
Bromomethane  
Concen: 15.545 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

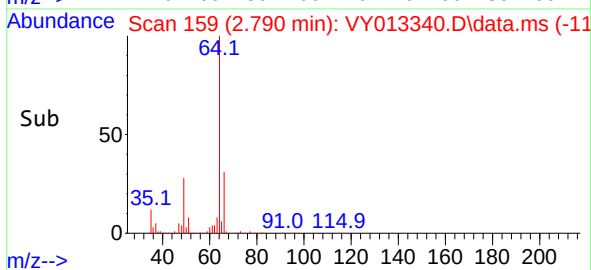
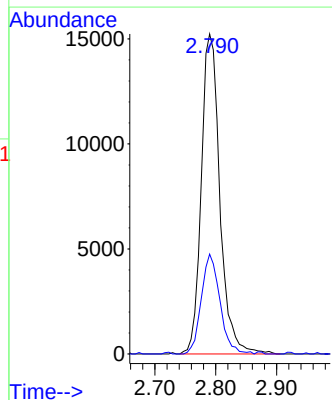
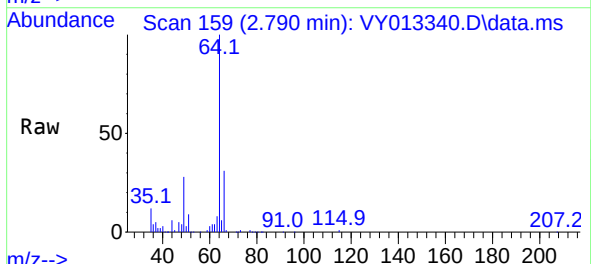
Instrument :  
MSVOA\_Y  
ClientSampleId :

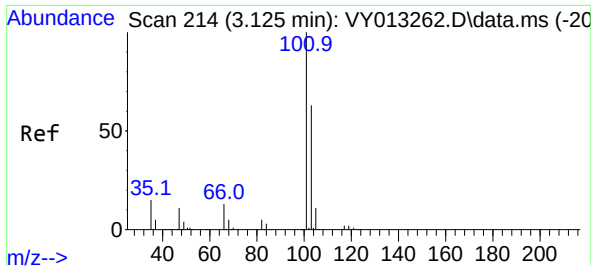
Tgt Ion: 94 Resp: 35927  
Ion Ratio Lower Upper  
94 100  
96 97.9 80.3 120.5



#6  
Chloroethane  
Concen: 15.870 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion: 64 Resp: 32257  
Ion Ratio Lower Upper  
64 100  
66 31.2 25.7 38.5

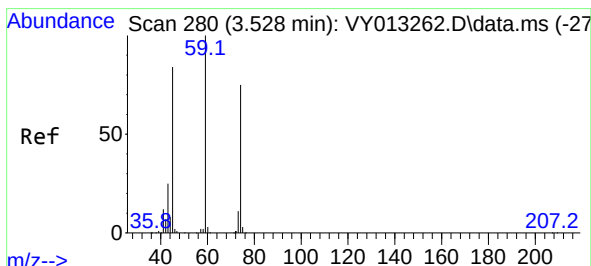
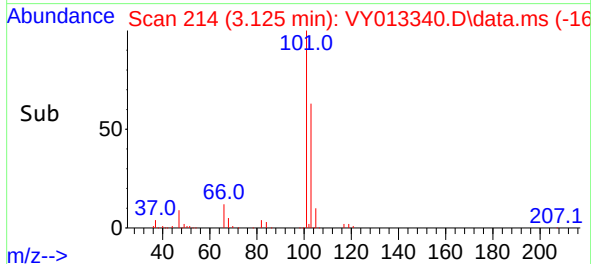
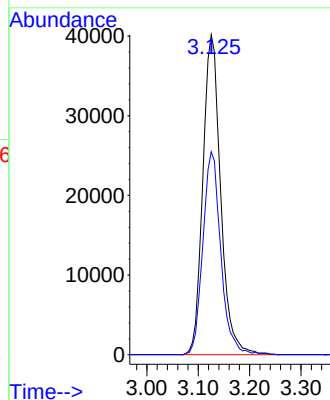
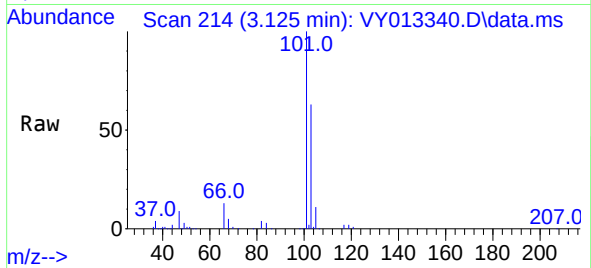




#7  
Trichlorofluoromethane  
Concen: 20.594 ug/l  
RT: 3.125 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

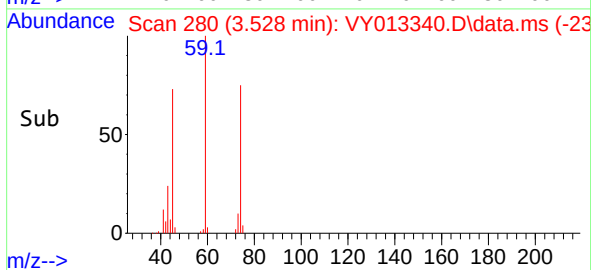
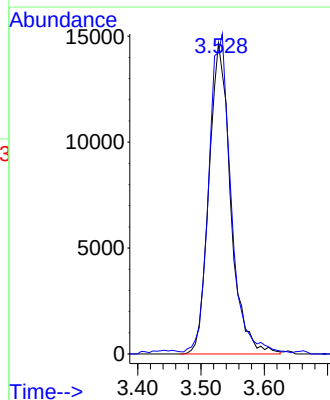
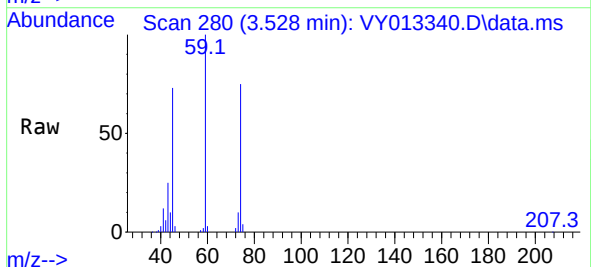
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:101 Resp: 96604  
Ion Ratio Lower Upper  
101 100  
103 63.4 51.5 77.3

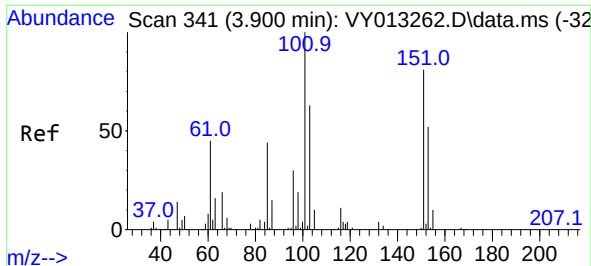


#8  
Diethyl Ether  
Concen: 20.520 ug/l  
RT: 3.528 min Scan# 280  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion: 74 Resp: 34972  
Ion Ratio Lower Upper  
74 100  
45 103.6 52.1 156.4



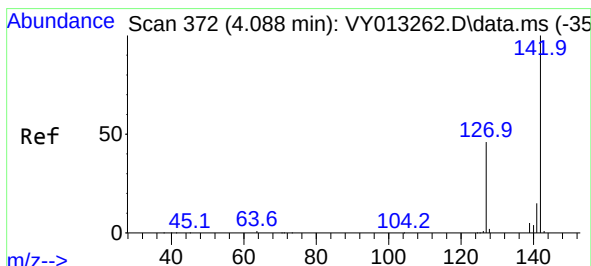
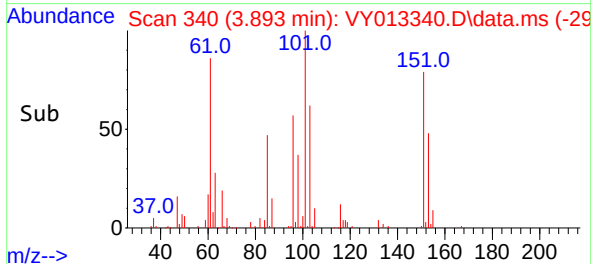
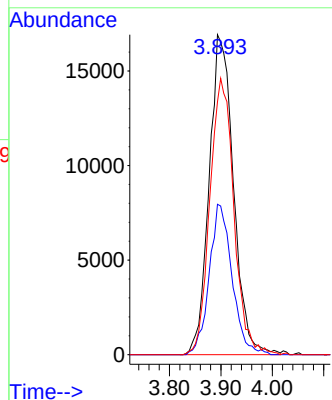
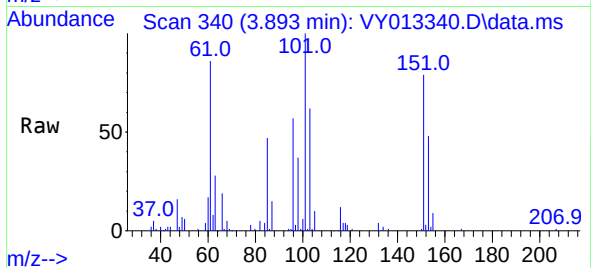




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.174 ug/l  
RT: 3.893 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

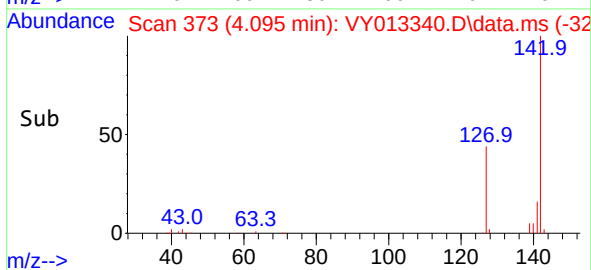
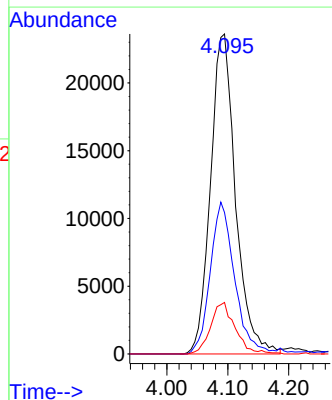
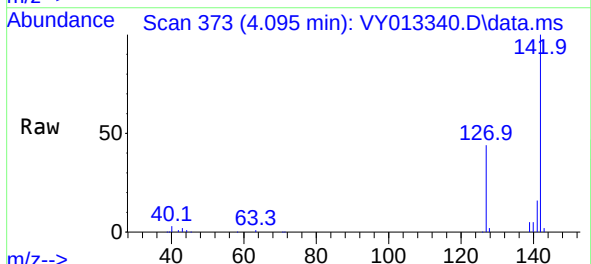
Instrument :  
MSVOA\_Y  
ClientSampleId :

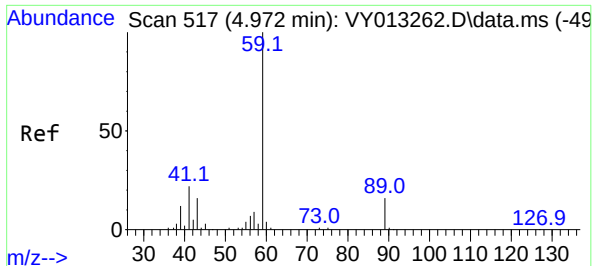
Tgt Ion:101 Resp: 55609  
Ion Ratio Lower Upper  
101 100  
85 44.2 35.3 52.9  
151 85.3 63.1 94.7



#10  
Methyl Iodide  
Concen: 19.971 ug/l  
RT: 4.095 min Scan# 373  
Delta R.T. 0.007 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion:142 Resp: 67526  
Ion Ratio Lower Upper  
142 100  
127 46.1 35.4 53.2  
141 15.8 11.3 16.9

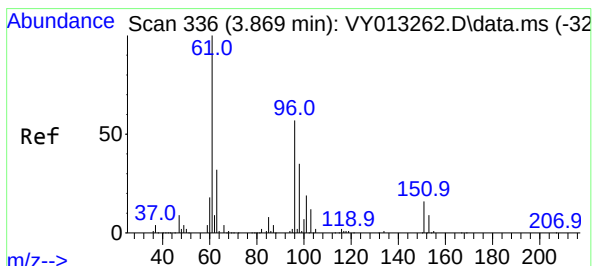
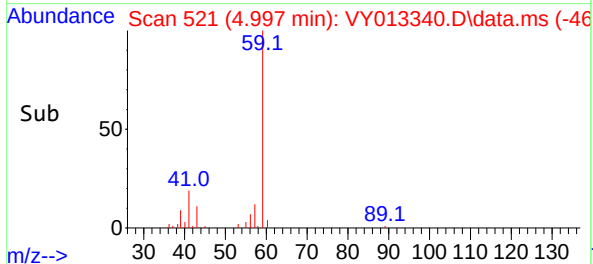
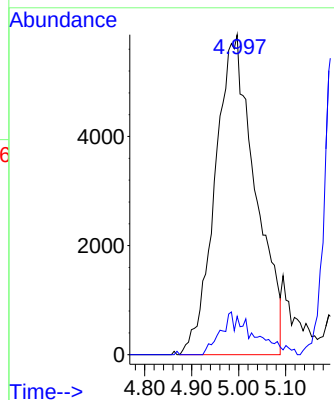
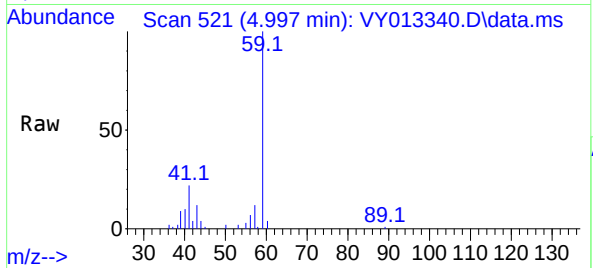




#11  
Tert butyl alcohol  
Concen: 45.932 ug/l  
RT: 4.997 min Scan# 51  
Delta R.T. 0.025 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

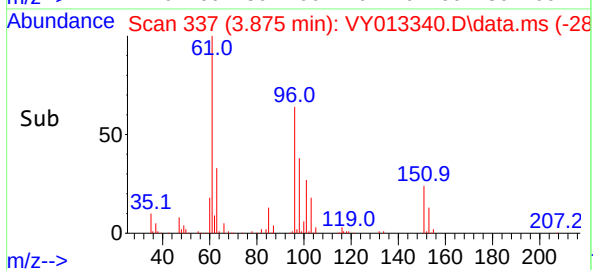
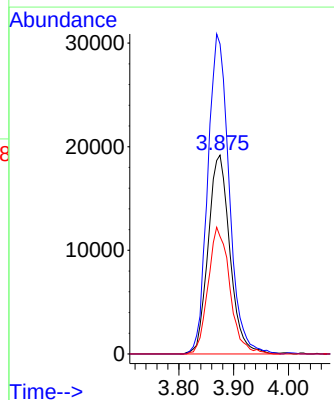
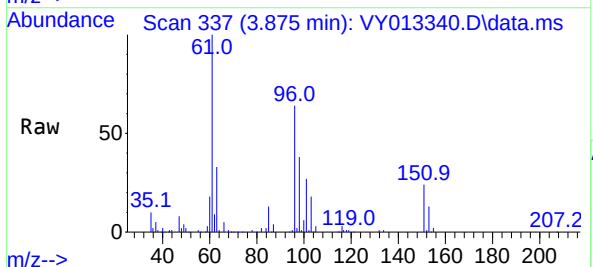
Instrument :  
MSVOA\_Y  
ClientSampleId :

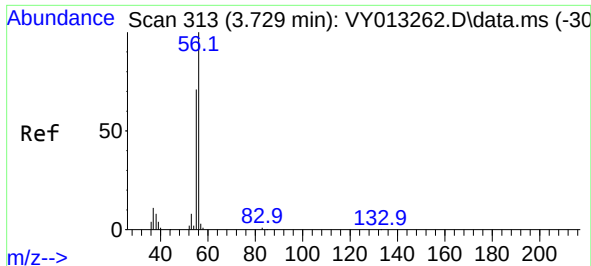
Tgt Ion: 59 Resp: 34916  
Ion Ratio Lower Upper  
59 100  
57 4.6 7.7 11.5#



#12  
1,1-Dichloroethene  
Concen: 19.933 ug/l  
RT: 3.875 min Scan# 337  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion: 96 Resp: 52879  
Ion Ratio Lower Upper  
96 100  
61 155.8 131.7 197.5  
98 59.0 52.0 78.0

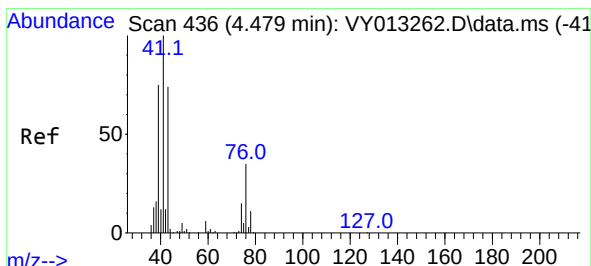
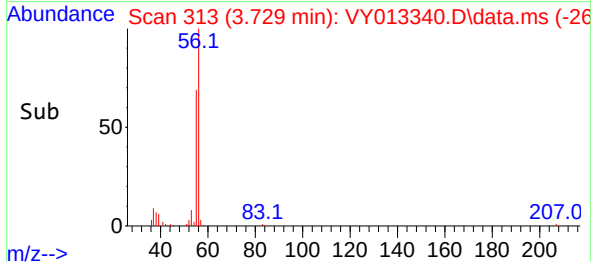
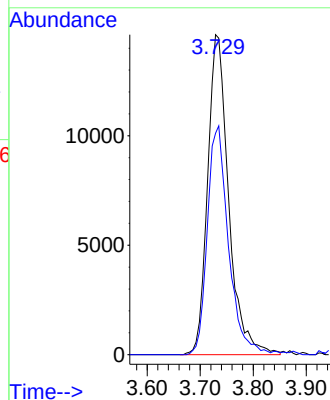
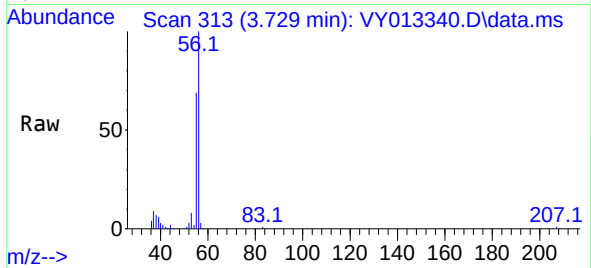




#13  
Acrolein  
Concen: 96.689 ug/l  
RT: 3.729 min Scan# 313  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

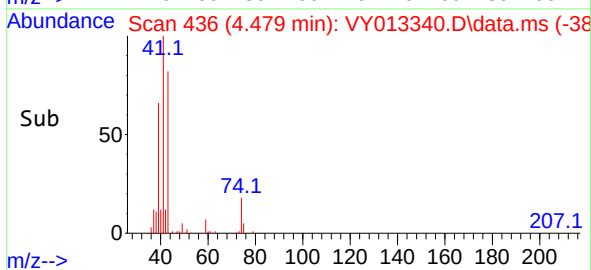
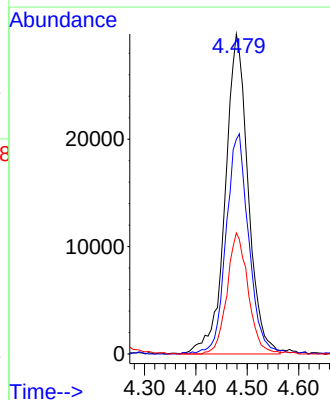
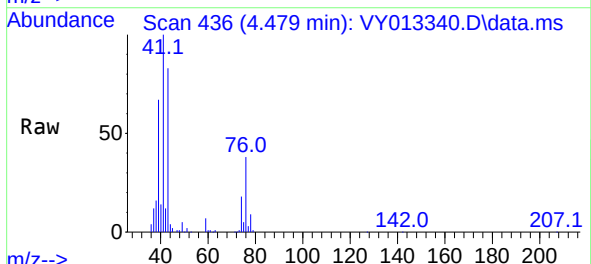
Instrument :  
MSVOA\_Y  
ClientSampleId :

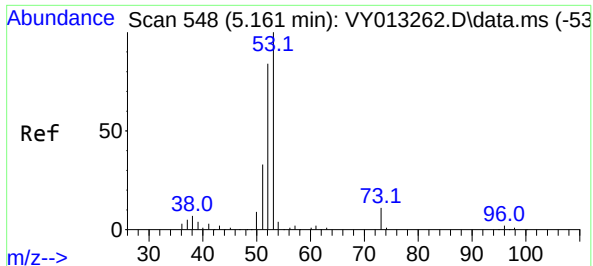
Tgt Ion: 56 Resp: 40242  
Ion Ratio Lower Upper  
56 100  
55 71.8 56.8 85.2



#14  
Allyl chloride  
Concen: 18.236 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion: 41 Resp: 92411  
Ion Ratio Lower Upper  
41 100  
39 68.3 53.6 80.4  
76 34.9 27.2 40.8





#15

Acrylonitrile

Concen: 107.154 ug/l

RT: 5.161 min Scan# 54

Delta R.T. -0.000 min

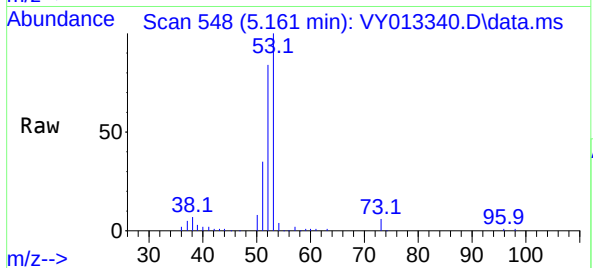
Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

Instrument :

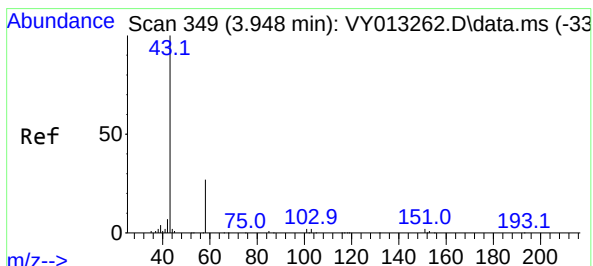
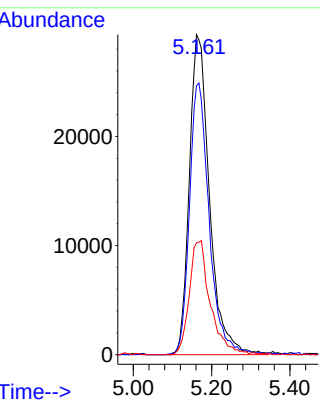
MSVOA\_Y

ClientSampleId :



Tgt Ion: 53 Resp: 104940

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 83.1  | 66.3  | 99.5  |
| 51  | 36.9  | 28.8  | 43.2  |



#16

Acetone

Concen: 97.812 ug/l

RT: 3.954 min Scan# 350

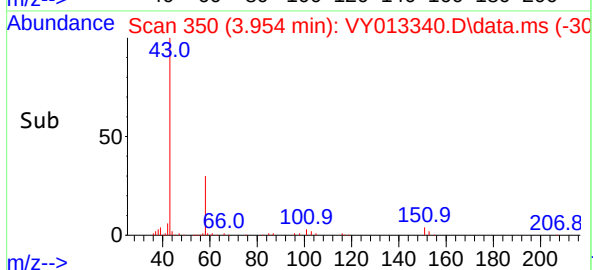
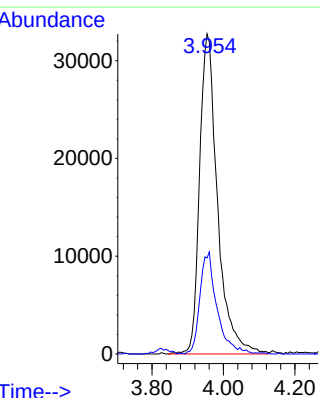
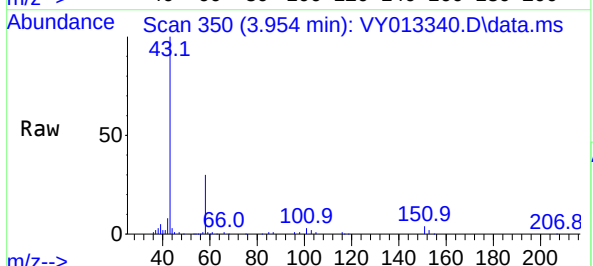
Delta R.T. 0.006 min

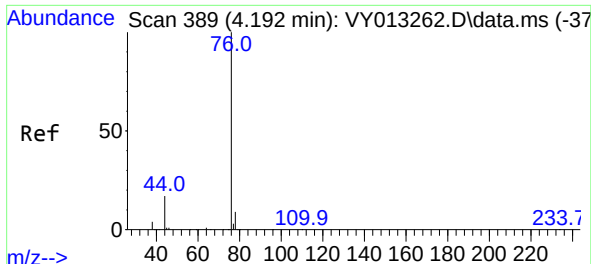
Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

Tgt Ion: 43 Resp: 113942

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 29.8  | 24.2  | 36.2  |

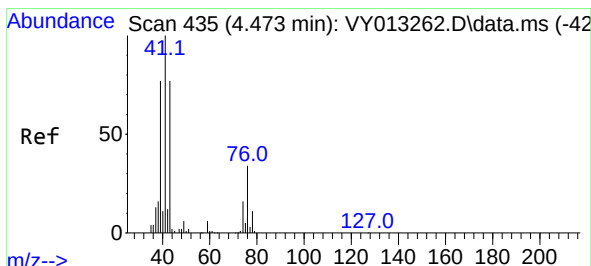
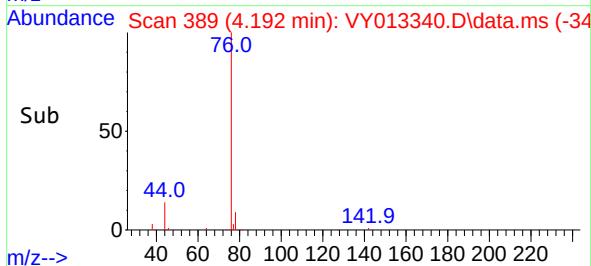
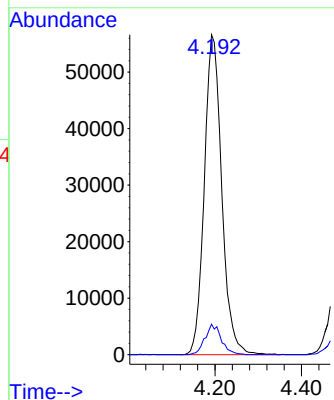
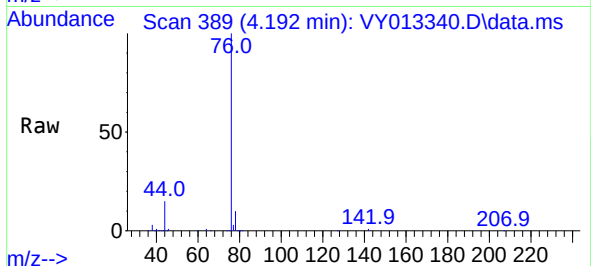




#17  
Carbon Disulfide  
Concen: 18.121 ug/l  
RT: 4.192 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

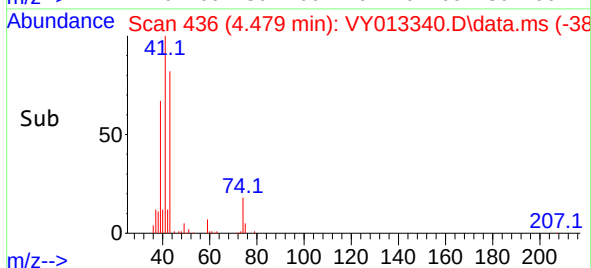
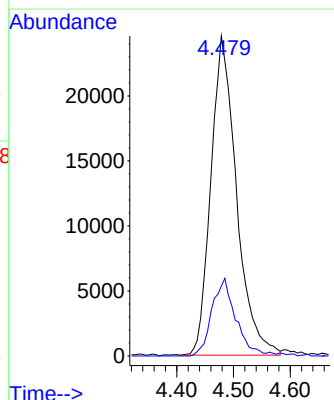
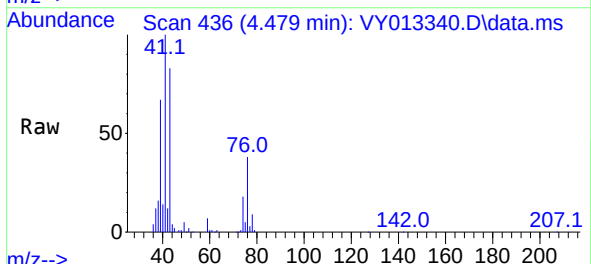
Instrument :  
MSVOA\_Y  
ClientSampleId :

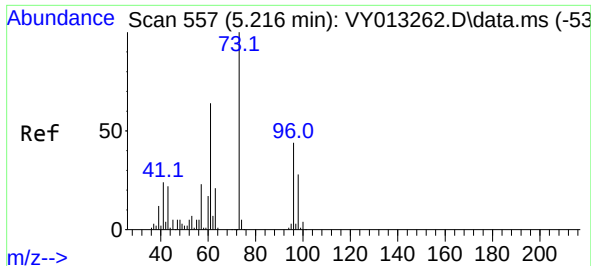
Tgt Ion: 76 Resp: 158267  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.1 10.7



#18  
Methyl Acetate  
Concen: 20.424 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion: 43 Resp: 76948  
Ion Ratio Lower Upper  
43 100  
74 22.8 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 20.625 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

Instrument :

MSVOA\_Y

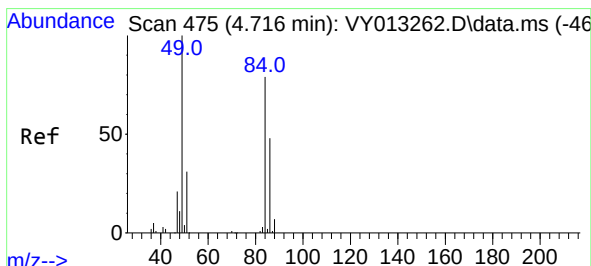
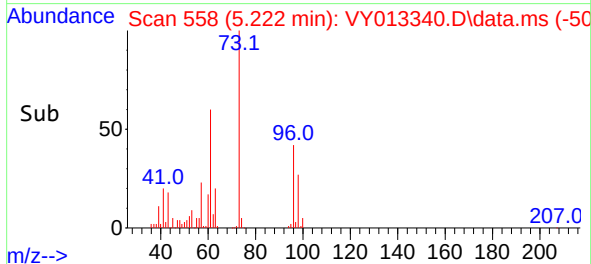
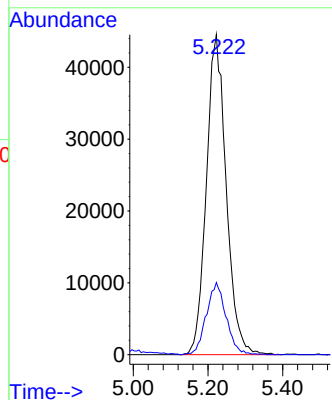
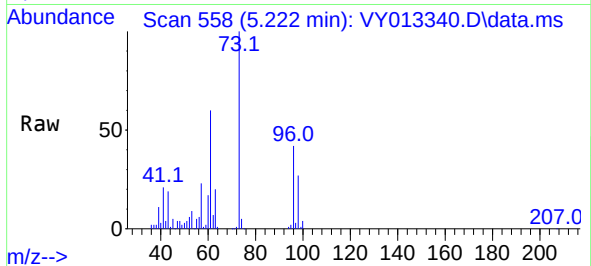
ClientSampleId :

Tgt Ion: 73 Resp: 163902

Ion Ratio Lower Upper

73 100

57 22.5 18.3 27.5



#20

Methylene Chloride

Concen: 24.730 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

Tgt Ion: 84 Resp: 82735

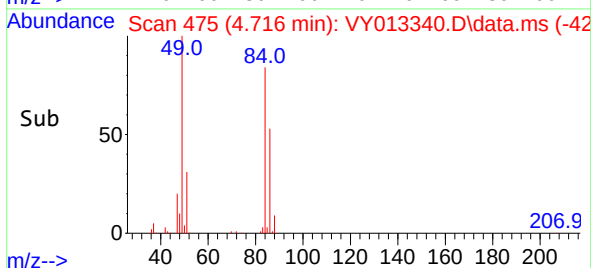
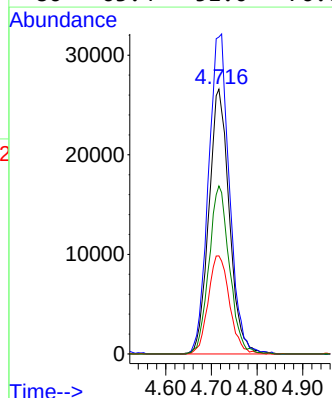
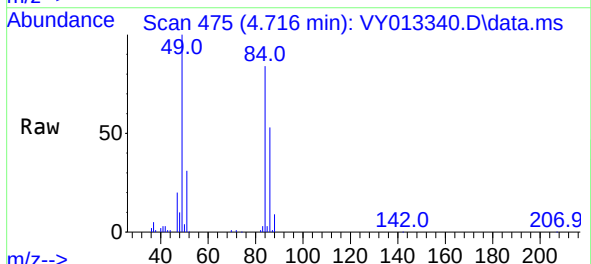
Ion Ratio Lower Upper

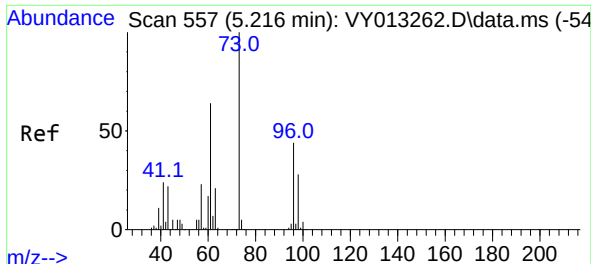
84 100

49 119.7 102.6 154.0

51 37.0 31.9 47.9

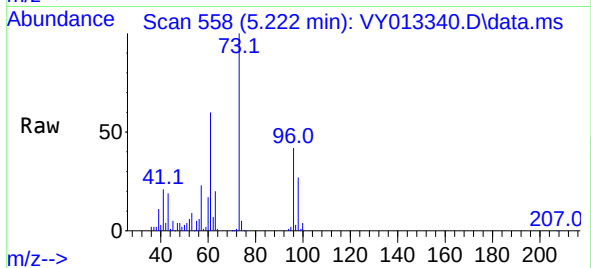
86 63.4 51.0 76.6



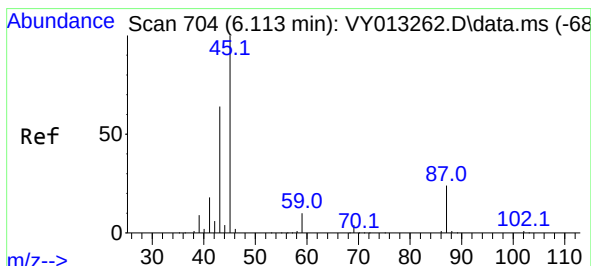
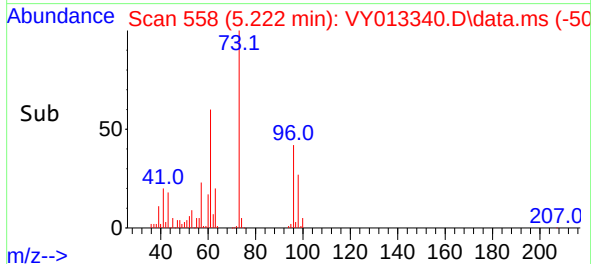
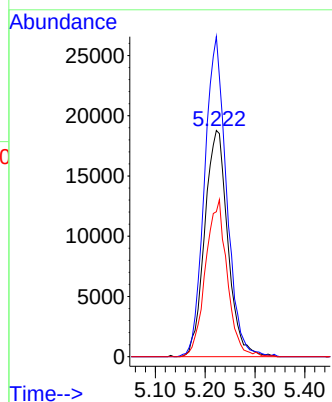


#21  
trans-1,2-Dichloroethene  
Concen: 19.966 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

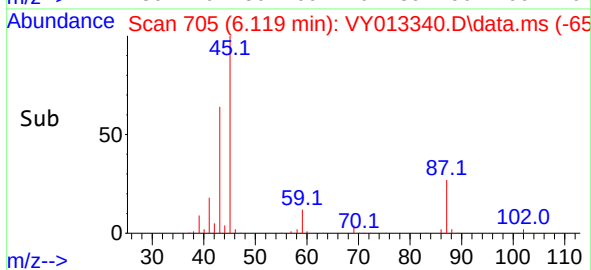
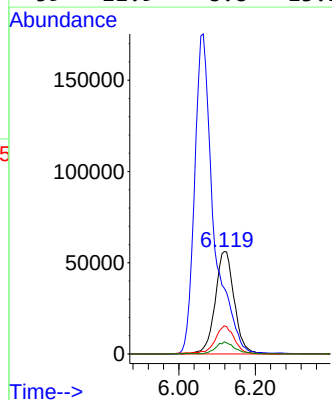
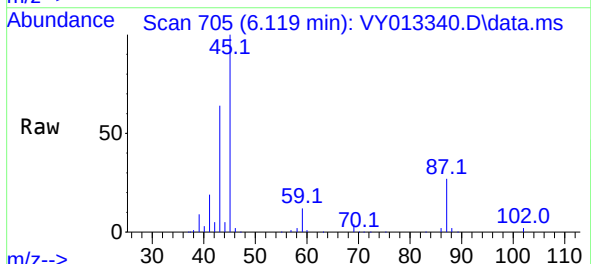


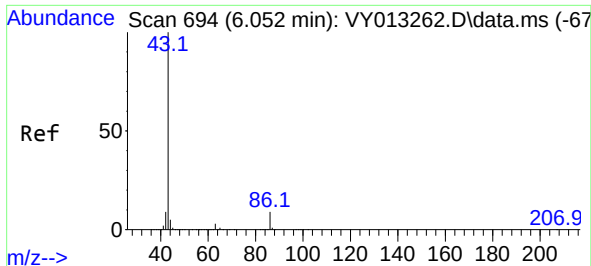
Tgt Ion: 96 Resp: 60464  
Ion Ratio Lower Upper  
96 100  
61 141.5 111.4 167.0  
98 64.1 50.8 76.2



#22  
Diisopropyl ether  
Concen: 19.465 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

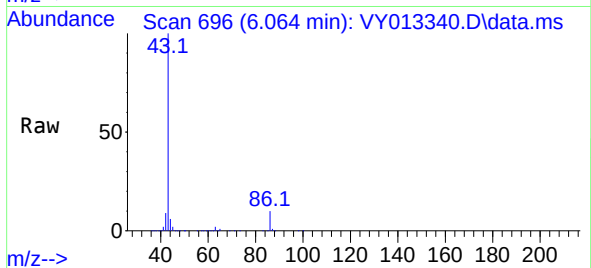
Tgt Ion: 45 Resp: 194401  
Ion Ratio Lower Upper  
45 100  
43 63.4 45.0 67.6  
87 27.5 20.3 30.5  
59 11.9 8.8 13.2



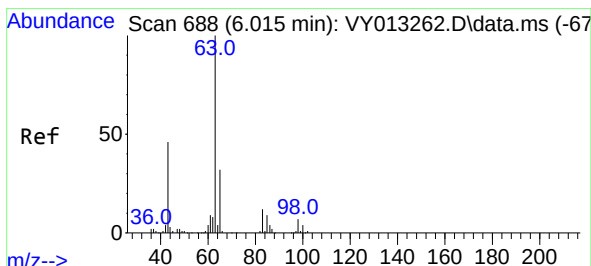
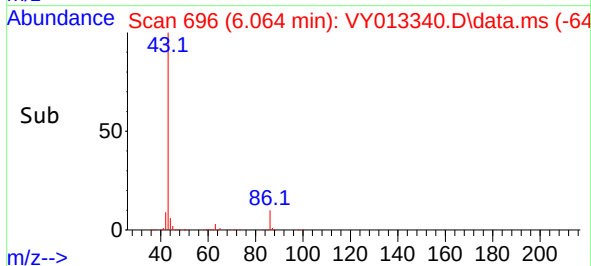
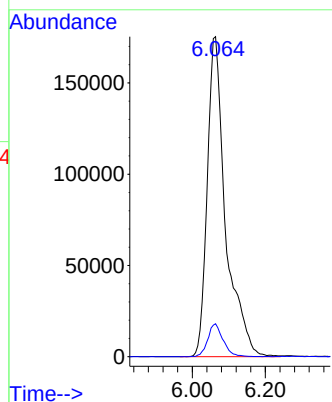


#23  
 Vinyl Acetate  
 Concen: 96.443 ug/l  
 RT: 6.064 min Scan# 694  
 Delta R.T. 0.012 min  
 Lab File: VY013340.D  
 Acq: 19 Apr 2023 12:31

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

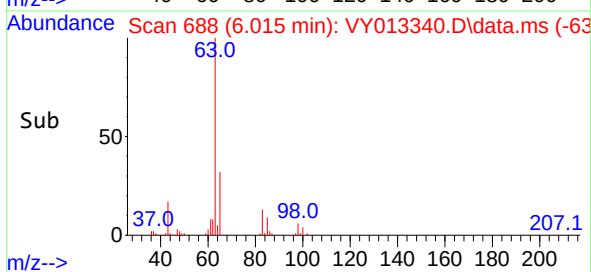
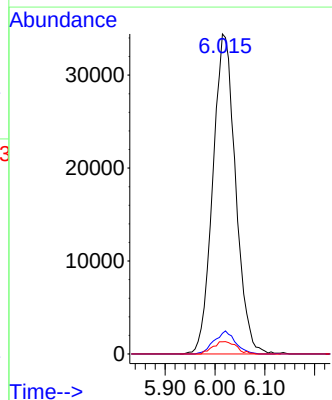
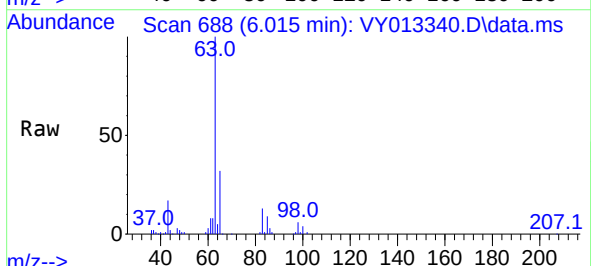


Tgt Ion: 43 Resp: 608895  
 Ion Ratio Lower Upper  
 43 100  
 86 10.3 7.8 11.8

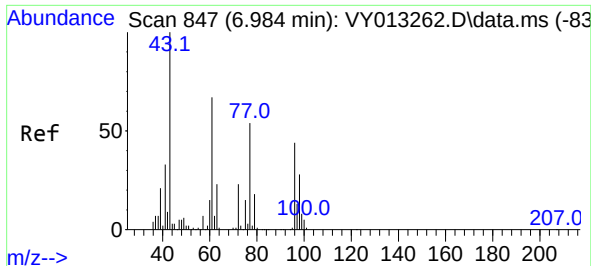


#24  
 1,1-Dichloroethane  
 Concen: 19.564 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. -0.000 min  
 Lab File: VY013340.D  
 Acq: 19 Apr 2023 12:31

Tgt Ion: 63 Resp: 109146  
 Ion Ratio Lower Upper  
 63 100  
 98 6.5 3.7 11.1  
 100 3.8 2.3 6.8



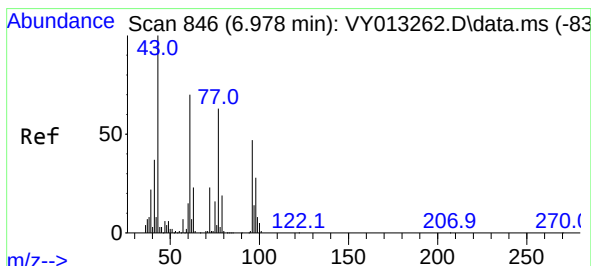
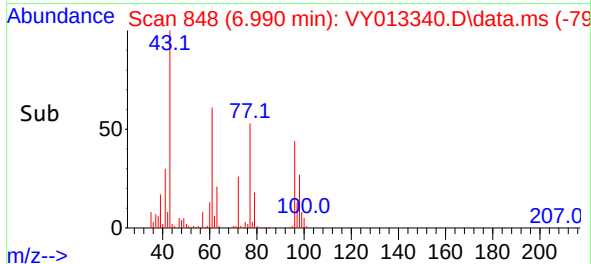
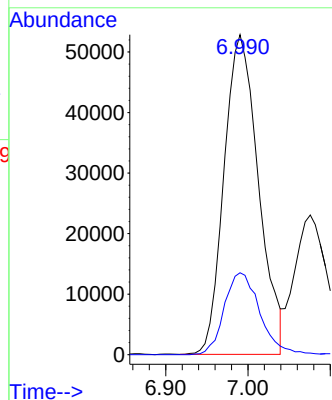
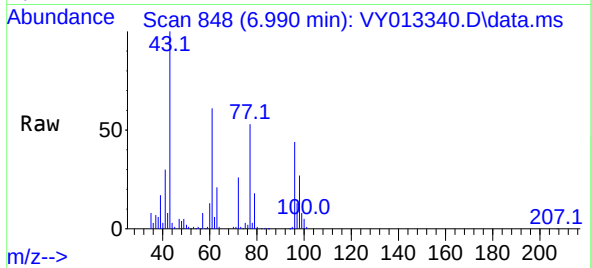




#25  
2-Butanone  
Concen: 102.949 ug/l  
RT: 6.990 min Scan# 847  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

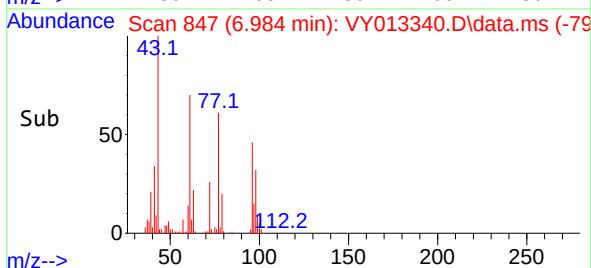
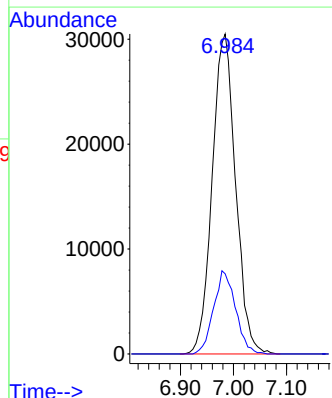
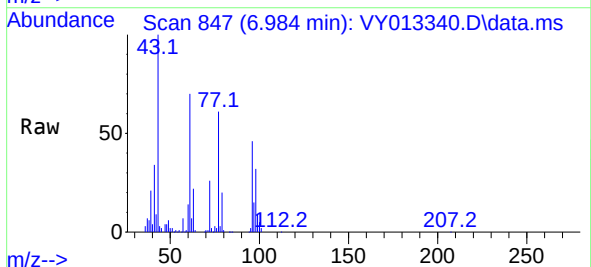
Instrument :  
MSVOA\_Y  
ClientSampleId :

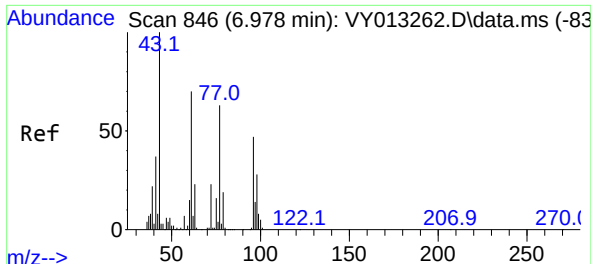
Tgt Ion: 43 Resp: 153553  
Ion Ratio Lower Upper  
43 100  
72 25.6 21.0 31.4



#26  
2,2-Dichloropropane  
Concen: 18.693 ug/l  
RT: 6.984 min Scan# 847  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

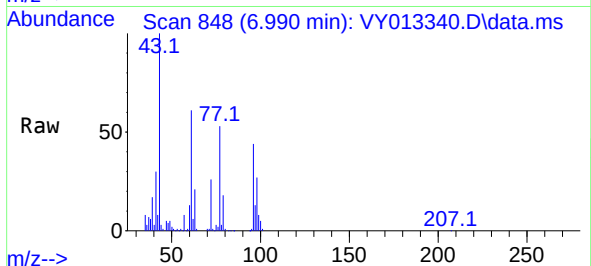
Tgt Ion: 77 Resp: 93562  
Ion Ratio Lower Upper  
77 100  
97 24.3 11.7 35.0



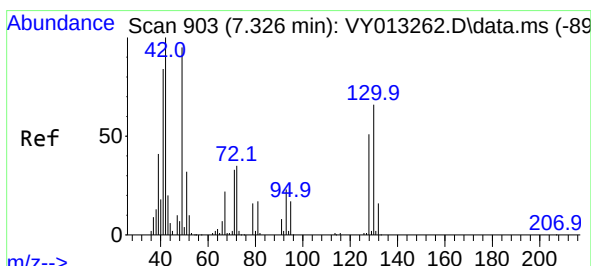
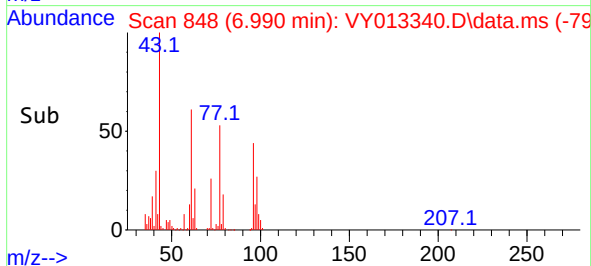
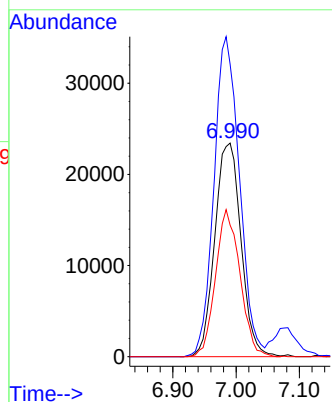


#27  
cis-1,2-Dichloroethene  
Concen: 20.487 ug/l  
RT: 6.990 min Scan# 84  
Delta R.T. 0.012 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

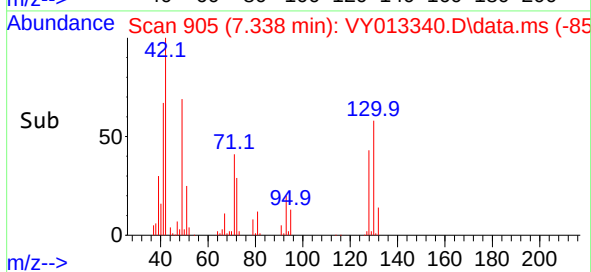
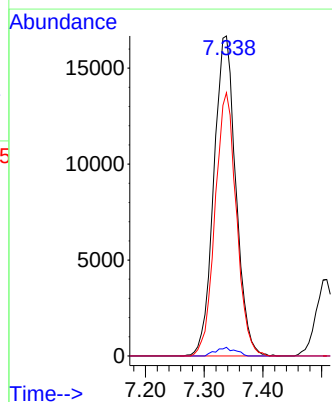
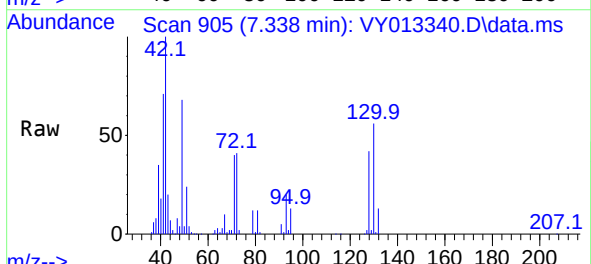


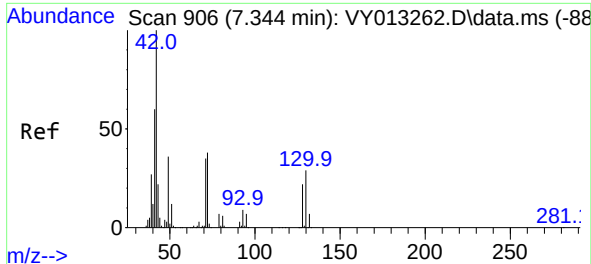
Tgt Ion: 96 Resp: 67462  
Ion Ratio Lower Upper  
96 100  
61 145.6 0.0 295.8  
98 64.1 0.0 130.2



#28  
Bromochloromethane  
Concen: 19.520 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.012 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion: 49 Resp: 43400  
Ion Ratio Lower Upper  
49 100  
129 2.4 0.0 4.2  
130 79.8 60.5 90.7





#29

Tetrahydrofuran

Concen: 106.627 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

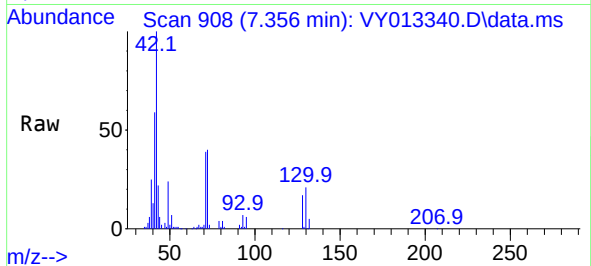
Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

Instrument :

MSVOA\_Y

ClientSampleId :



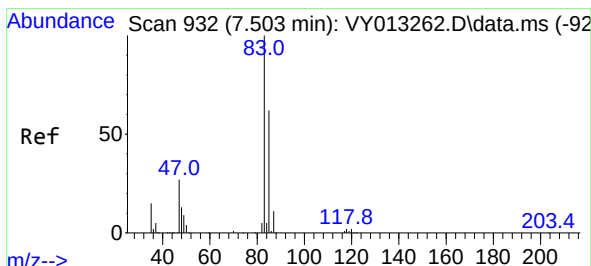
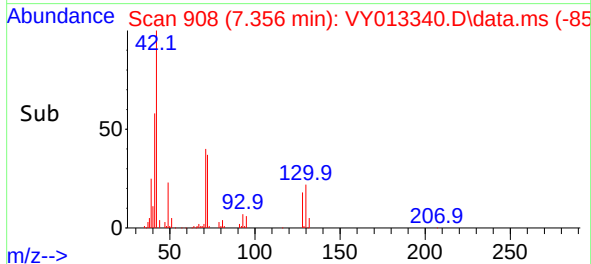
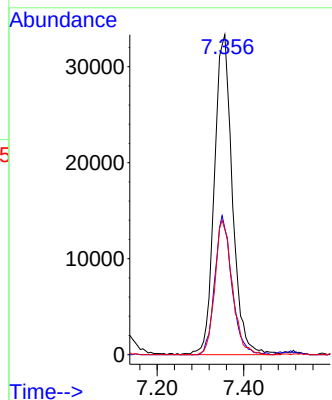
Tgt Ion: 42 Resp: 96593

Ion Ratio Lower Upper

42 100

72 41.1 32.3 48.5

71 40.4 30.3 45.5



#30

Chloroform

Concen: 20.476 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY013340.D

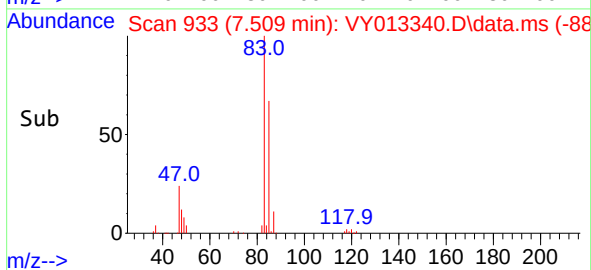
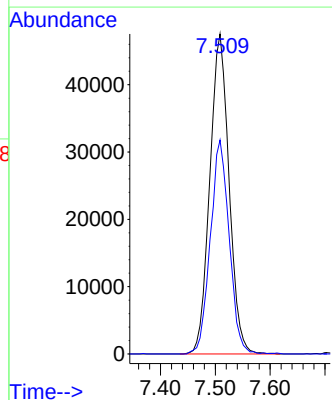
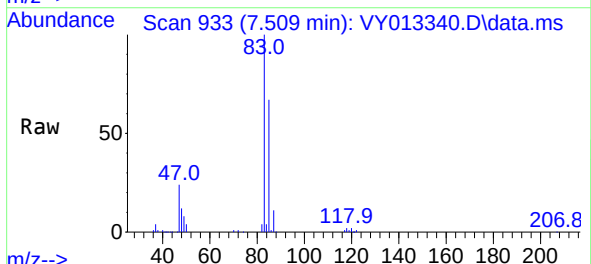
Acq: 19 Apr 2023 12:31

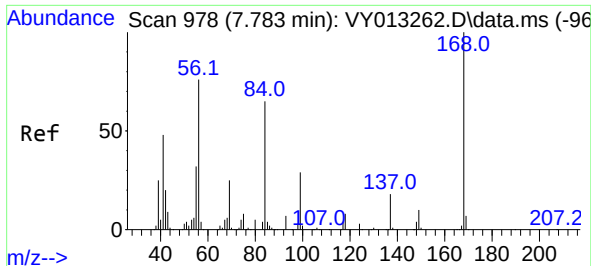
Tgt Ion: 83 Resp: 115598

Ion Ratio Lower Upper

83 100

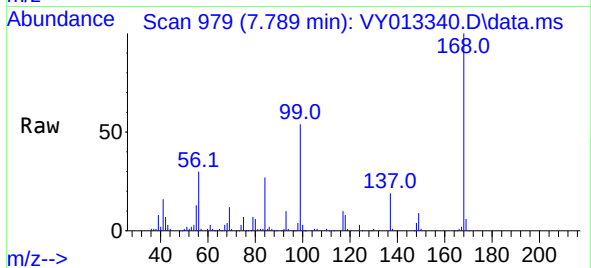
85 66.9 51.4 77.0



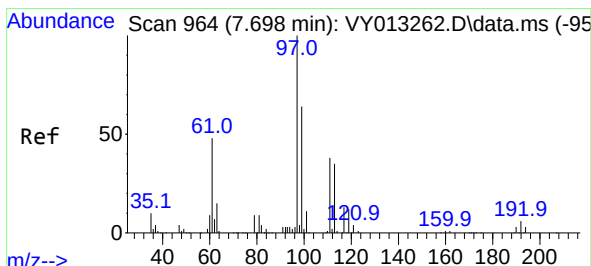
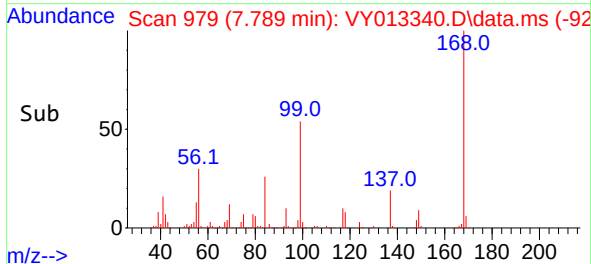
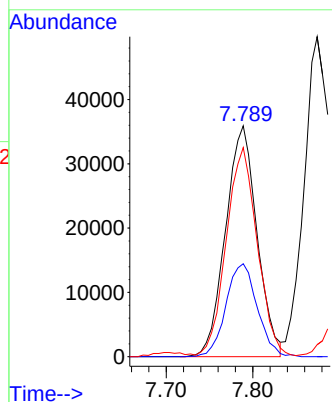


#31  
Cyclohexane  
Concen: 17.657 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

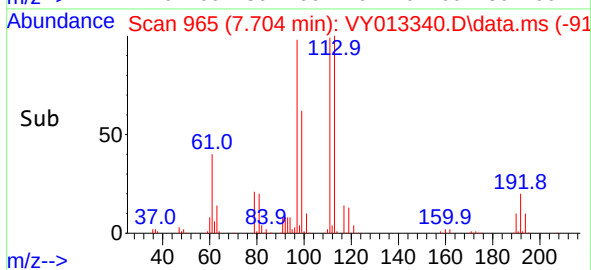
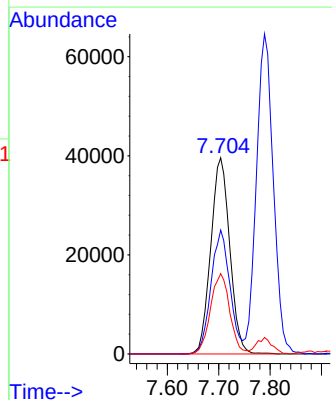
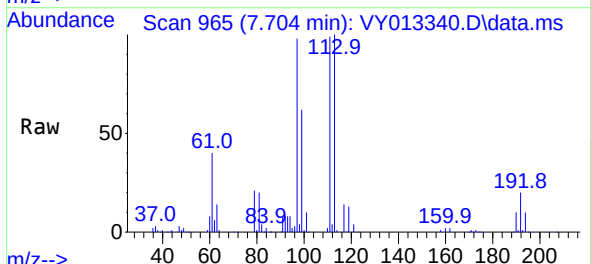


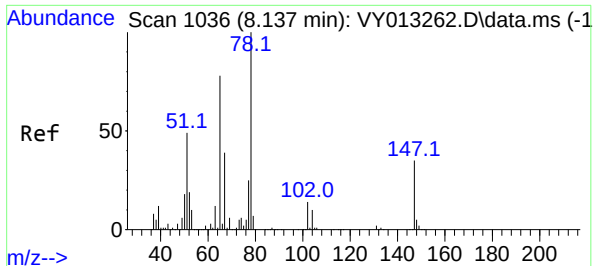
Tgt Ion: 56 Resp: 90454  
Ion Ratio Lower Upper  
56 100  
69 40.3 25.7 38.5#  
84 88.9 64.3 96.5



#32  
1,1,1-Trichloroethane  
Concen: 19.928 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion: 97 Resp: 101777  
Ion Ratio Lower Upper  
97 100  
99 63.1 51.0 76.6  
61 41.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.498 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

Instrument :

MSVOA\_Y

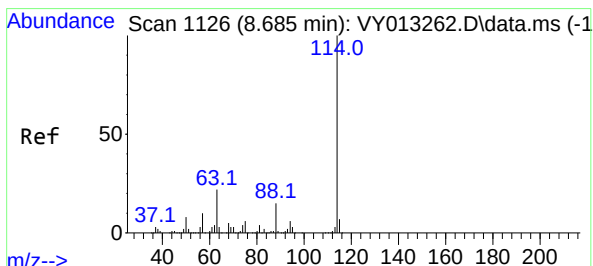
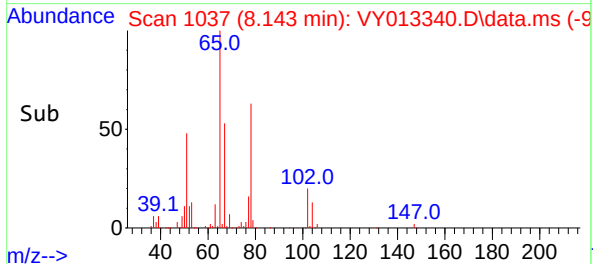
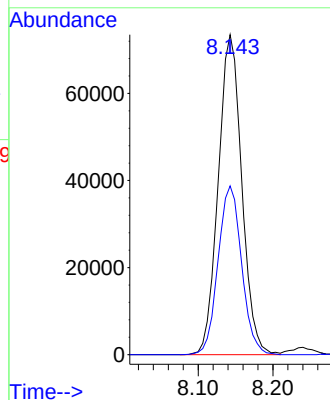
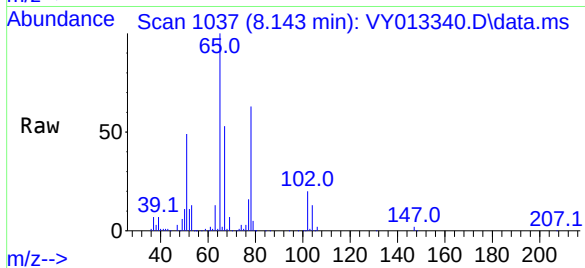
ClientSampleId :

Tgt Ion: 65 Resp: 160926

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

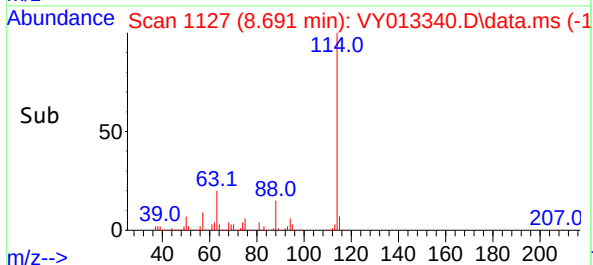
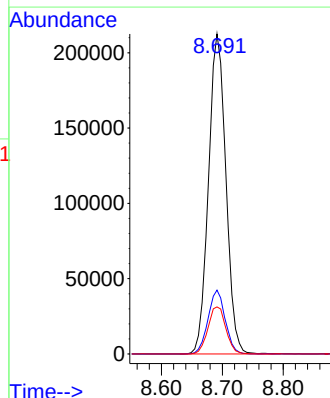
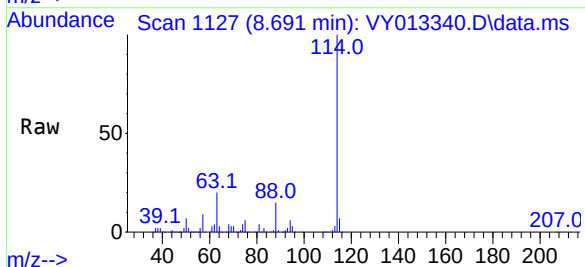
Tgt Ion: 114 Resp: 421650

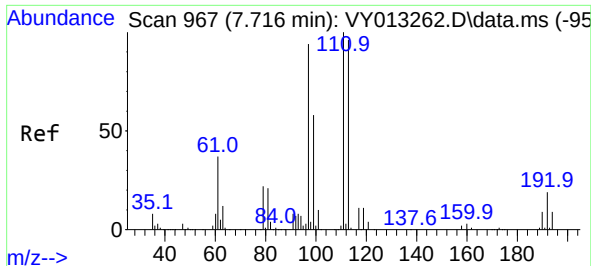
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.7 0.0 28.6

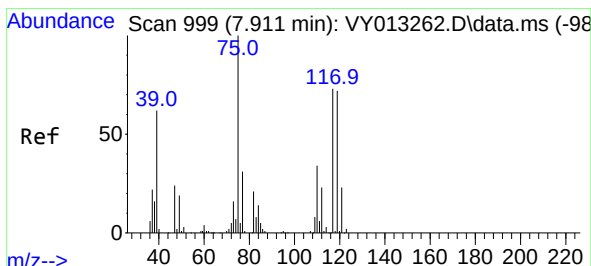
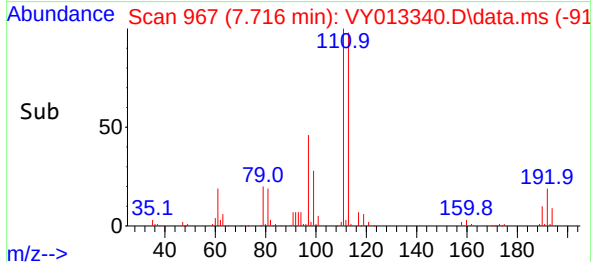
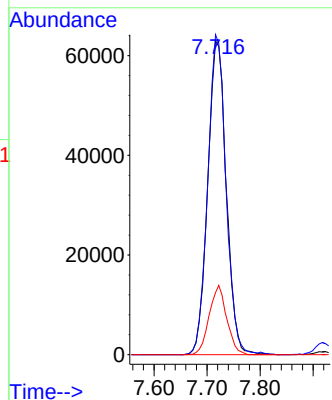
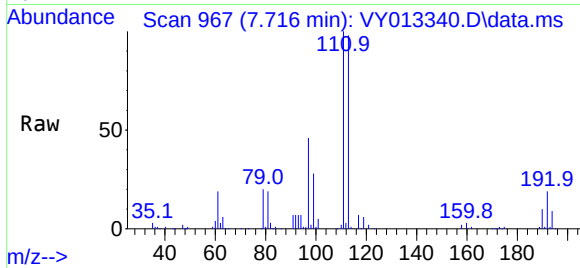




#35  
Dibromofluoromethane  
Concen: 55.974 ug/l  
RT: 7.716 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

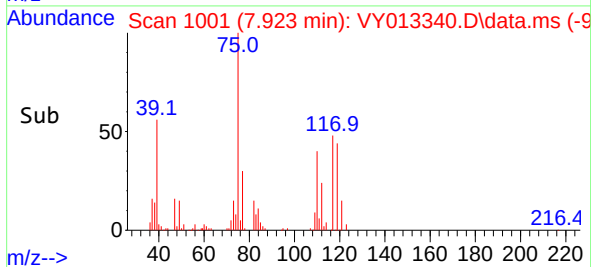
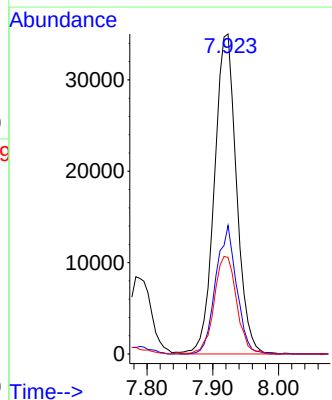
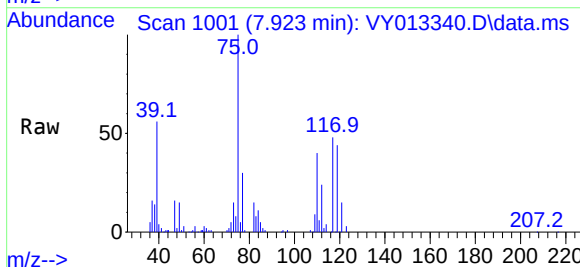
Instrument :  
MSVOA\_Y  
ClientSampleId :

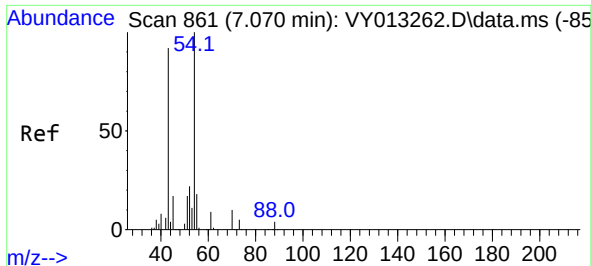
Tgt Ion:113 Resp: 152793  
Ion Ratio Lower Upper  
113 100  
111 100.6 82.2 123.2  
192 20.9 16.8 25.2



#36  
1,1-Dichloropropene  
Concen: 19.834 ug/l  
RT: 7.923 min Scan# 1001  
Delta R.T. 0.012 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion: 75 Resp: 82020  
Ion Ratio Lower Upper  
75 100  
110 37.7 17.8 53.3  
77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 19.994 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY013340.D

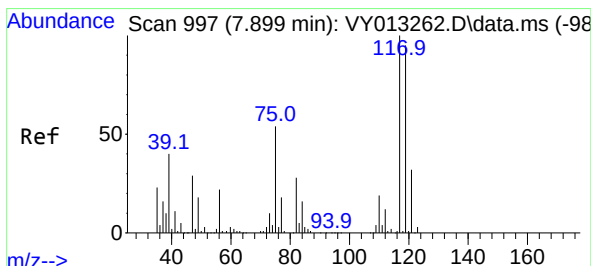
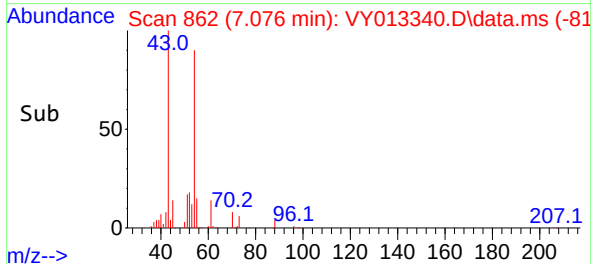
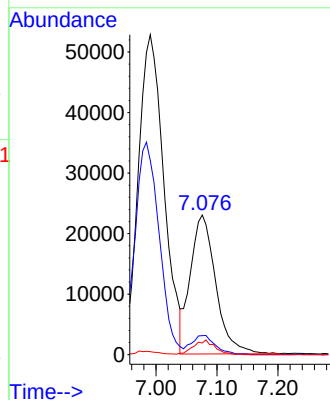
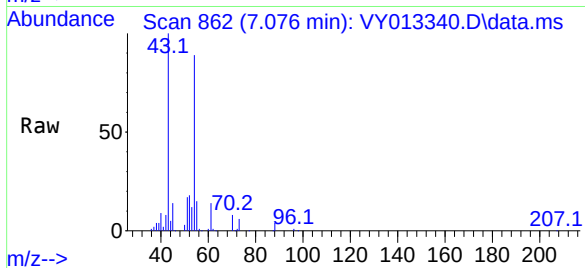
Acq: 19 Apr 2023 12:31

Instrument :

MSVOA\_Y

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 66650 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 13.0  | 10.7  | 16.1  |
| 70       | 8.8   | 7.8   | 11.8  |



#38

Carbon Tetrachloride

Concen: 20.373 ug/l

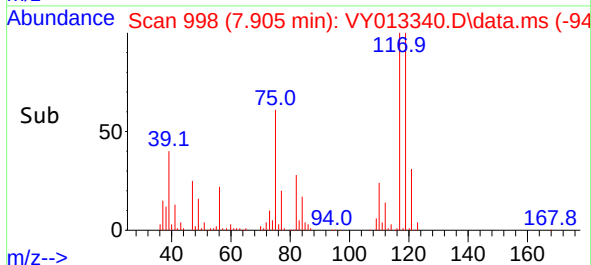
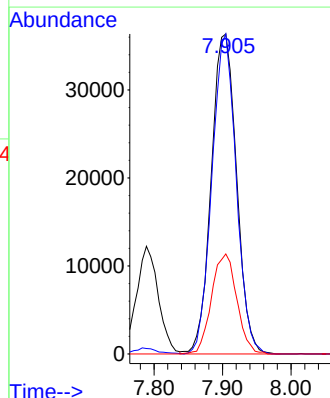
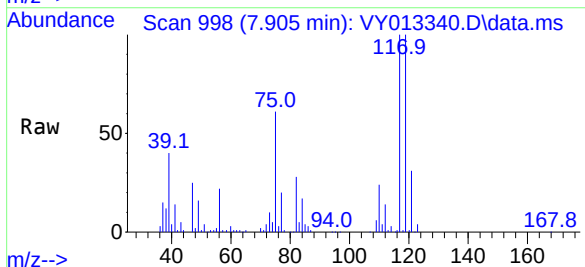
RT: 7.905 min Scan# 998

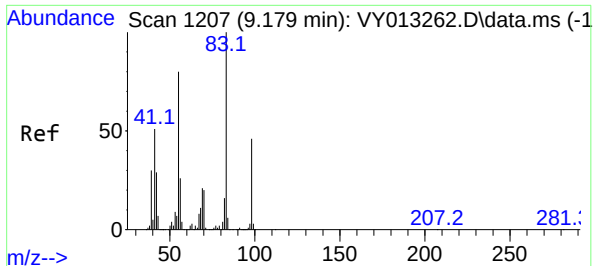
Delta R.T. 0.006 min

Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 93158 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 100.0 | 77.2  | 115.8 |
| 121      | 31.3  | 24.7  | 37.1  |





#39

Methylcyclohexane

Concen: 19.490 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

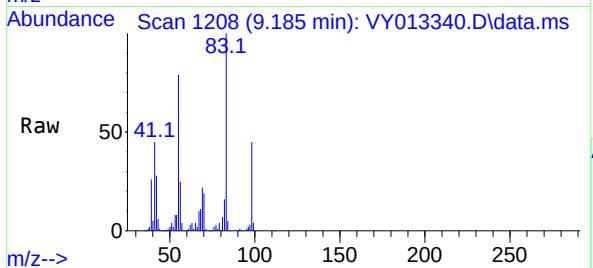
Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

Instrument :

MSVOA\_Y

ClientSampleId :



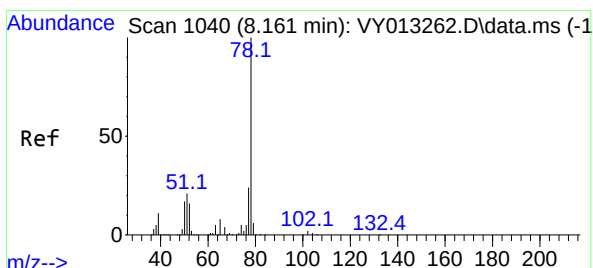
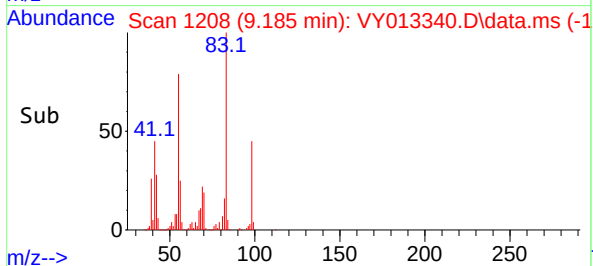
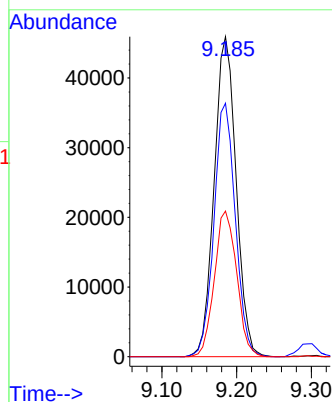
Tgt Ion: 83 Resp: 93696

Ion Ratio Lower Upper

83 100

55 79.2 60.0 90.0

98 45.5 38.3 57.5



#40

Benzene

Concen: 19.940 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013340.D

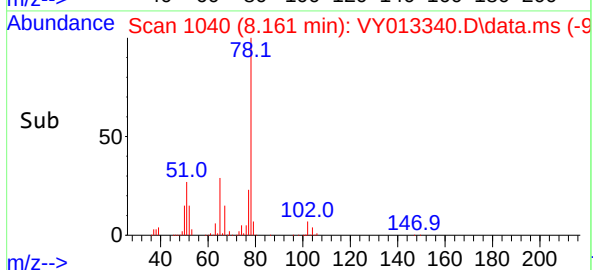
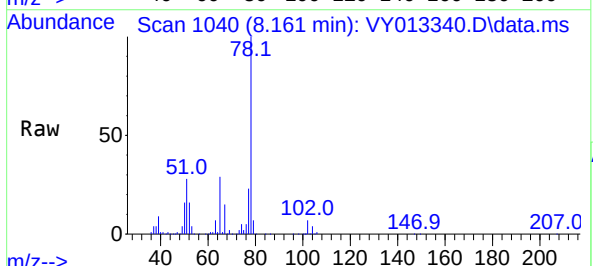
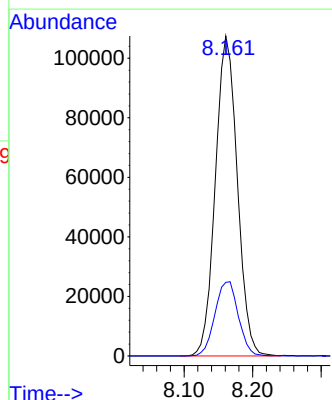
Acq: 19 Apr 2023 12:31

Tgt Ion: 78 Resp: 238662

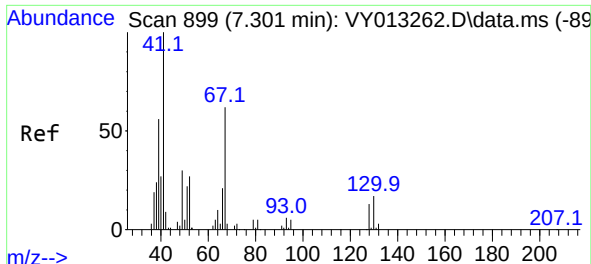
Ion Ratio Lower Upper

78 100

77 23.0 19.4 29.0

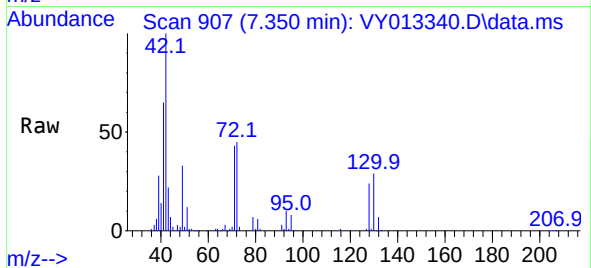




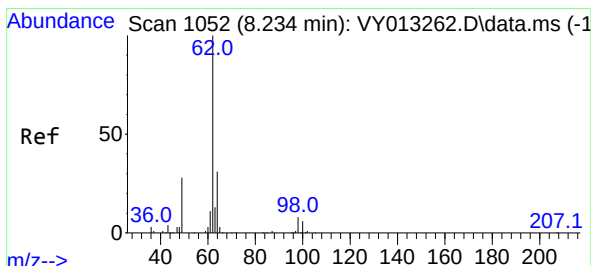
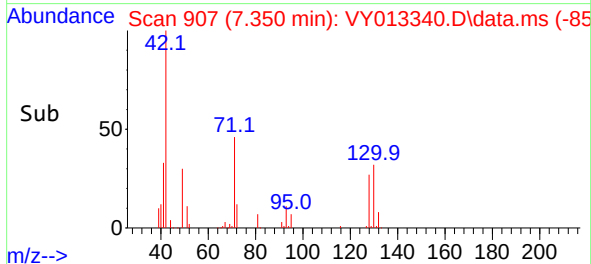
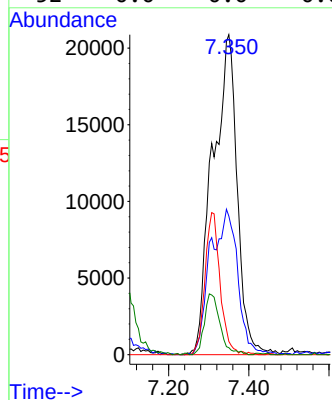


#41  
Methacrylonitrile  
Concen: 64.123 ug/l  
RT: 7.350 min Scan# 90  
Delta R.T. 0.049 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

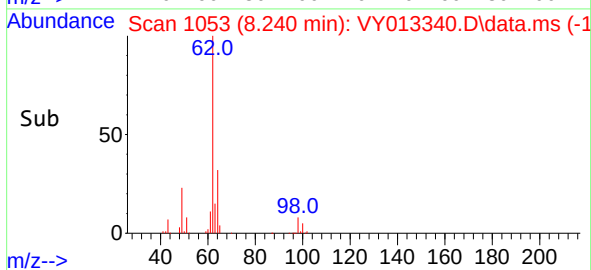
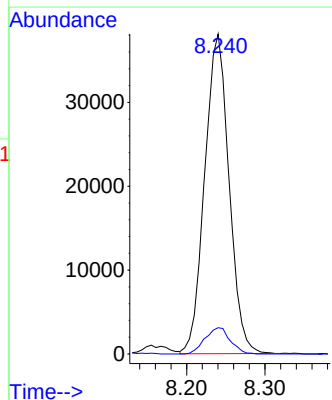
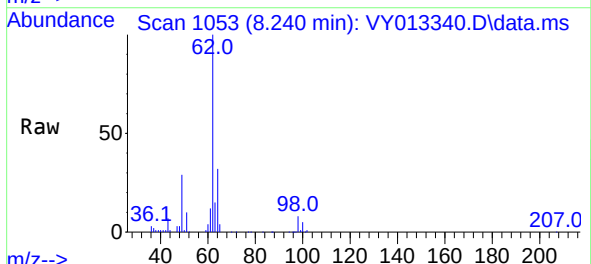


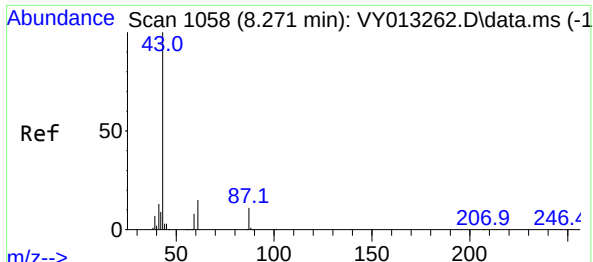
Tgt Ion: 41 Resp: 88679  
Ion Ratio Lower Upper  
41 100  
39 0.0 0.0 0.0  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 20.255 ug/l  
RT: 8.240 min Scan# 1053  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion: 62 Resp: 82194  
Ion Ratio Lower Upper  
62 100  
98 8.5 0.0 18.8

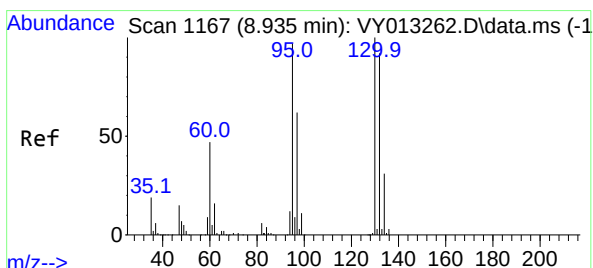
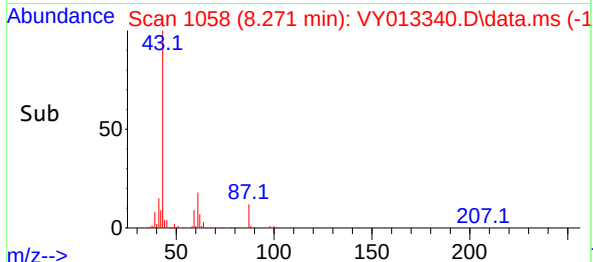
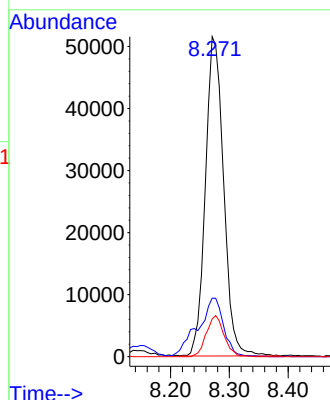
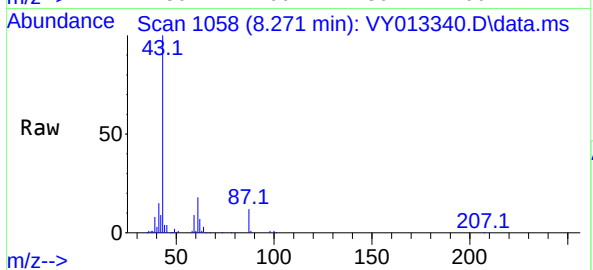




#43  
Isopropyl Acetate  
Concen: 20.064 ug/l  
RT: 8.271 min Scan# 11092  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

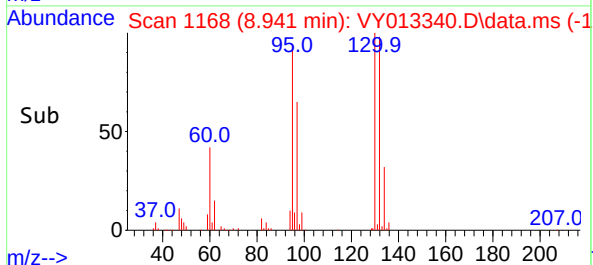
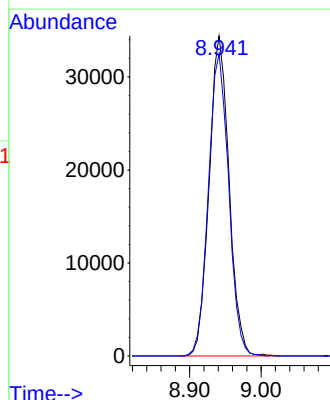
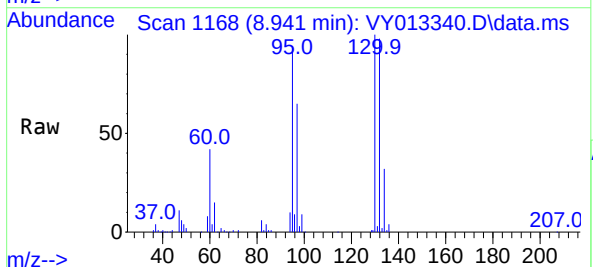
Instrument :  
MSVOA\_Y  
ClientSampleId :

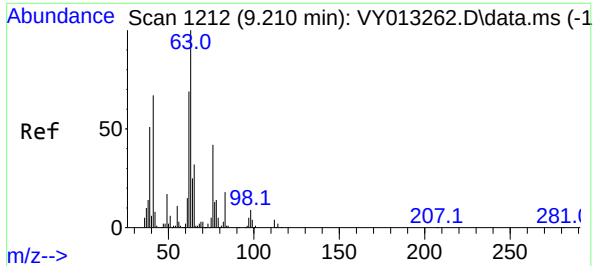
Tgt Ion: 43 Resp: 111092  
Ion Ratio Lower Upper  
43 100  
61 26.1 21.6 32.4  
87 12.6 9.9 14.9



#44  
Trichloroethene  
Concen: 21.629 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion:130 Resp: 66687  
Ion Ratio Lower Upper  
130 100  
95 94.5 0.0 185.0

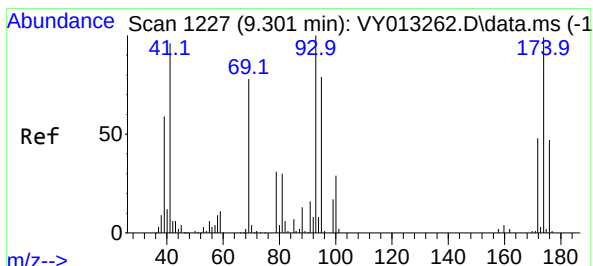
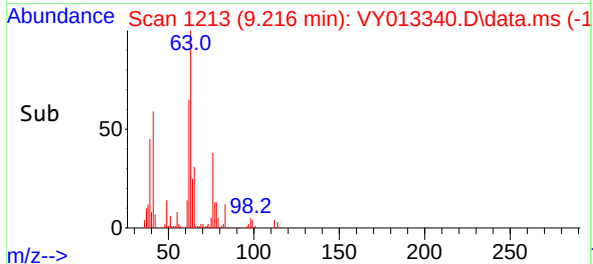
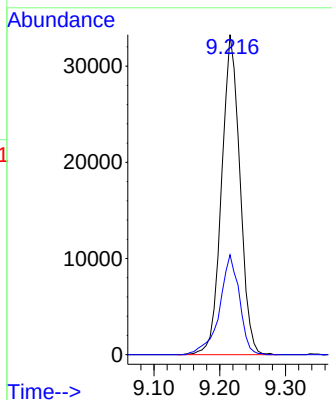
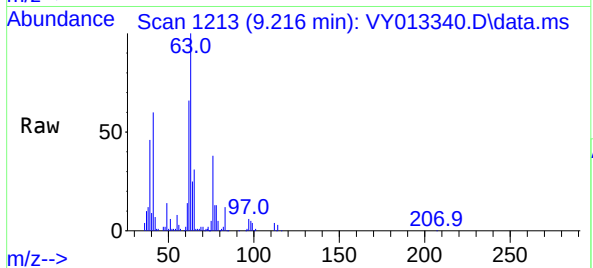




#45  
1,2-Dichloropropane  
Concen: 20.803 ug/l  
RT: 9.216 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

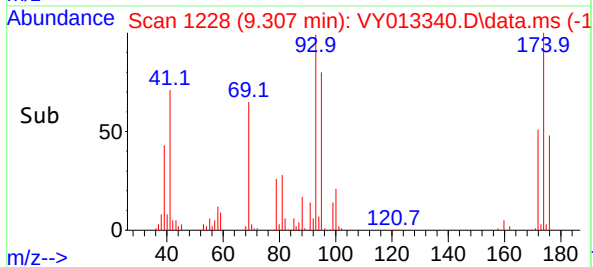
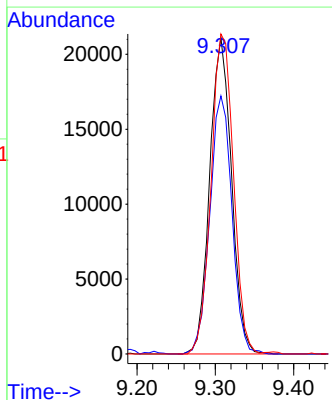
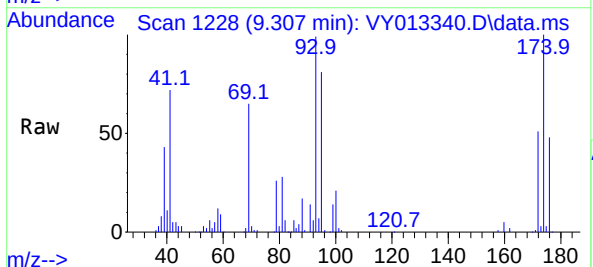
Instrument :  
MSVOA\_Y  
ClientSampleId :

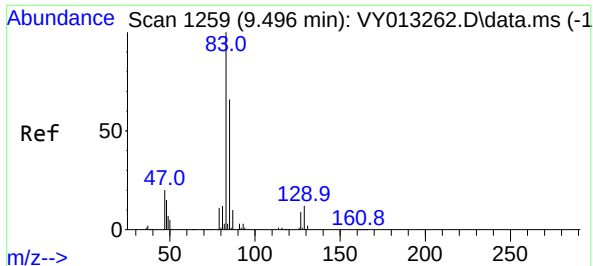
Tgt Ion: 63 Resp: 64625  
Ion Ratio Lower Upper  
63 100  
65 31.2 25.7 38.5



#46  
Dibromomethane  
Concen: 21.850 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion: 93 Resp: 40853  
Ion Ratio Lower Upper  
93 100  
95 82.8 65.6 98.4  
174 104.0 81.3 121.9





#47

Bromodichloromethane

Concen: 21.462 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

Instrument :

MSVOA\_Y

ClientSampleId :

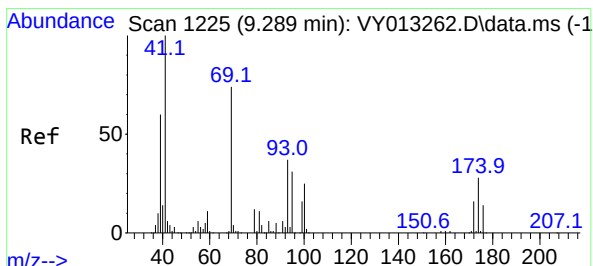
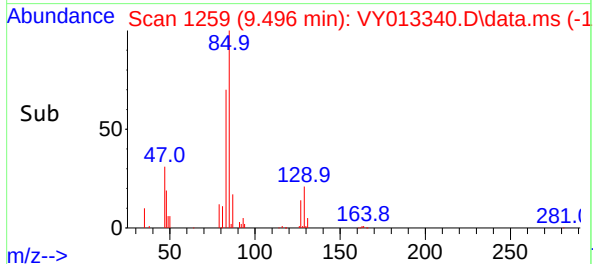
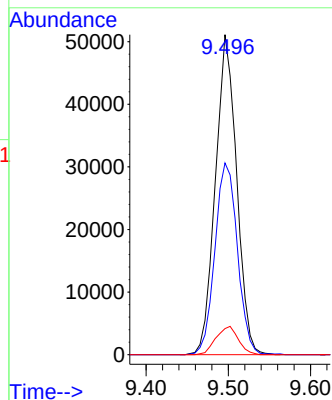
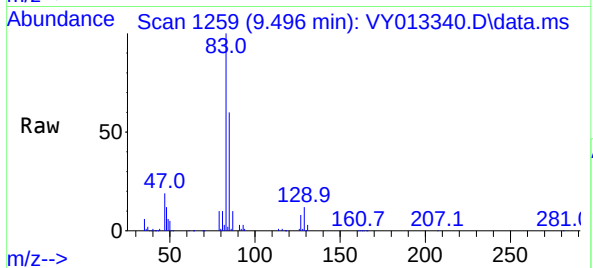
Tgt Ion: 83 Resp: 91731

Ion Ratio Lower Upper

83 100

85 59.9 50.2 75.4

127 8.2 6.3 9.5



#48

Methyl methacrylate

Concen: 19.425 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

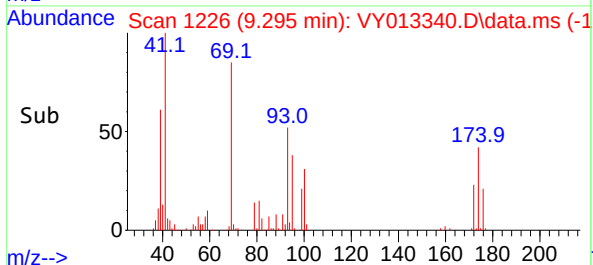
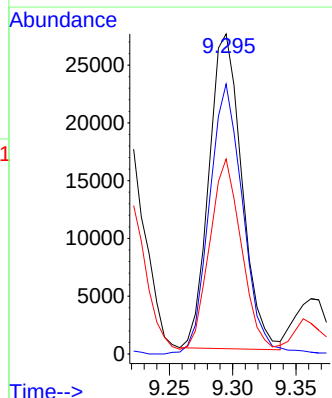
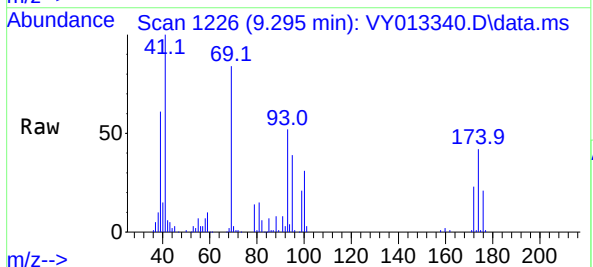
Tgt Ion: 41 Resp: 49402

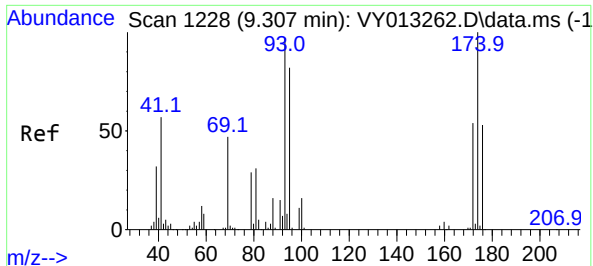
Ion Ratio Lower Upper

41 100

69 87.3 64.1 96.1

39 58.1 44.0 66.0





#49

1,4-Dioxane

Concen: 494.243 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

Instrument :

MSVOA\_Y

ClientSampleId :

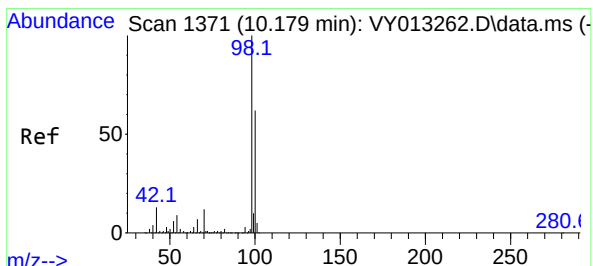
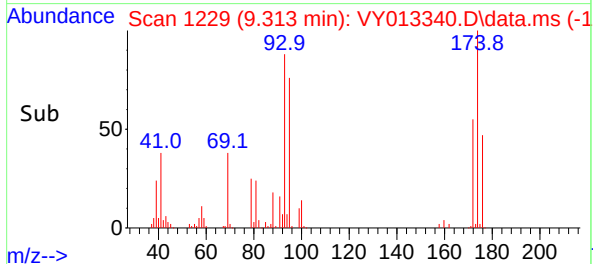
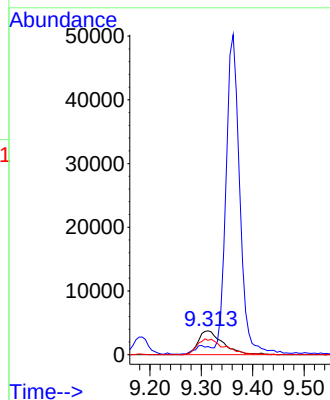
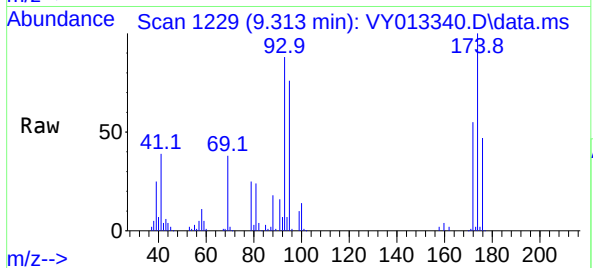
Tgt Ion: 88 Resp: 12520

Ion Ratio Lower Upper

88 100

43 22.5 28.6 42.8#

58 73.4 55.2 82.8



#50

Toluene-d8

Concen: 51.171 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013340.D

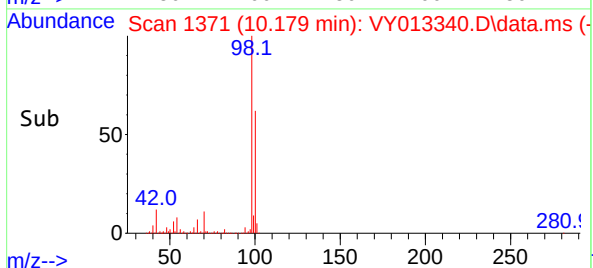
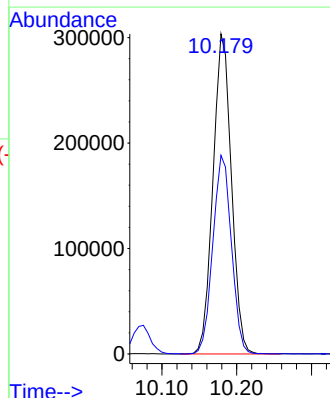
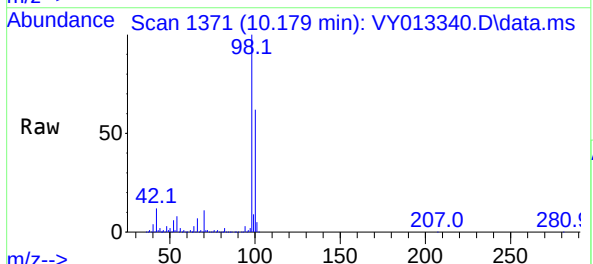
Acq: 19 Apr 2023 12:31

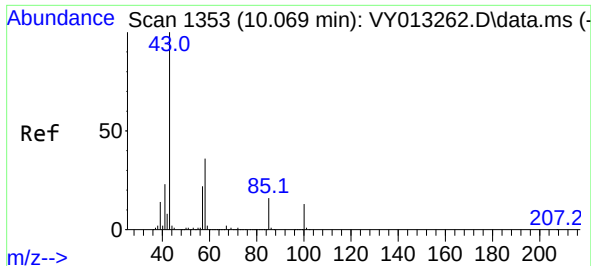
Tgt Ion: 98 Resp: 519927

Ion Ratio Lower Upper

98 100

100 62.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 107.088 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

Instrument :

MSVOA\_Y

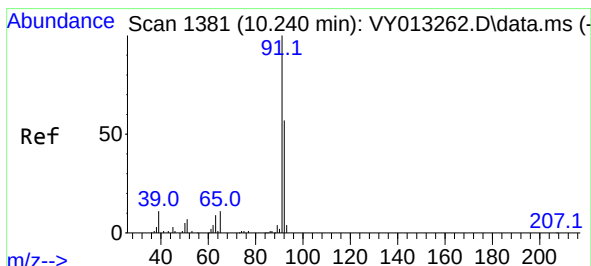
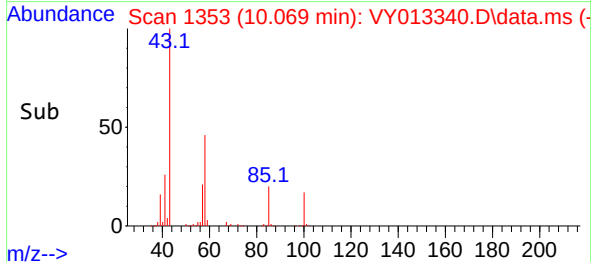
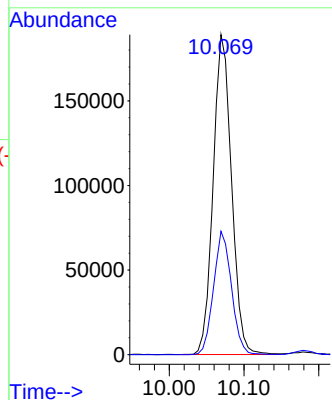
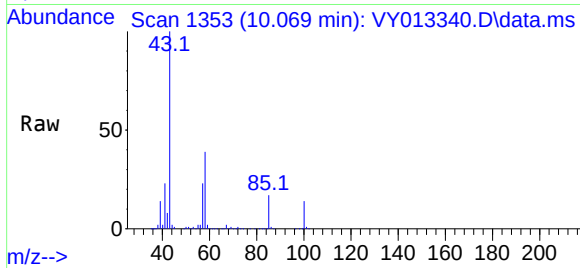
ClientSampleId :

Tgt Ion: 43 Resp: 322690

Ion Ratio Lower Upper

43 100

58 37.8 29.8 44.6



#52

Toluene

Concen: 20.268 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY013340.D

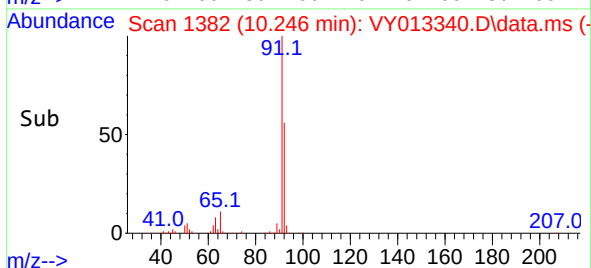
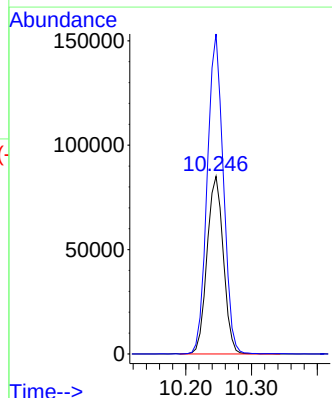
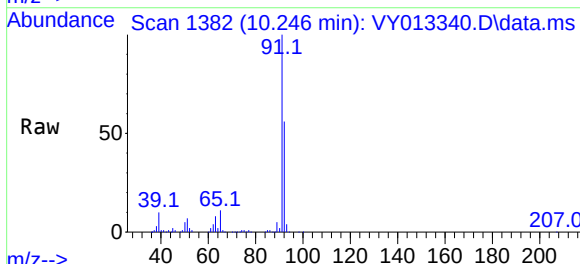
Acq: 19 Apr 2023 12:31

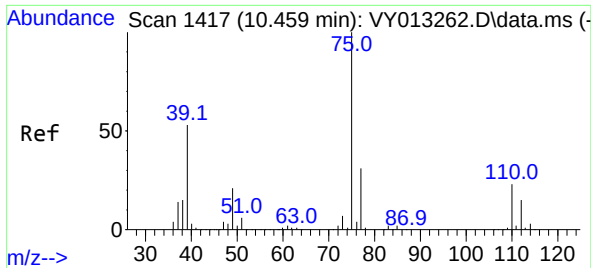
Tgt Ion: 92 Resp: 146480

Ion Ratio Lower Upper

92 100

91 177.8 141.3 211.9

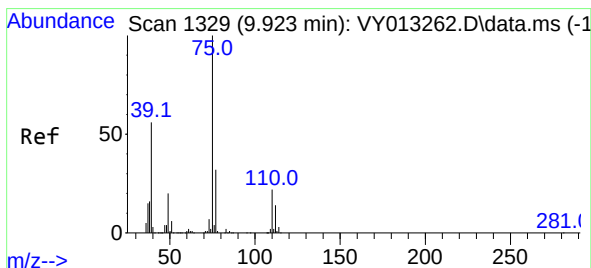
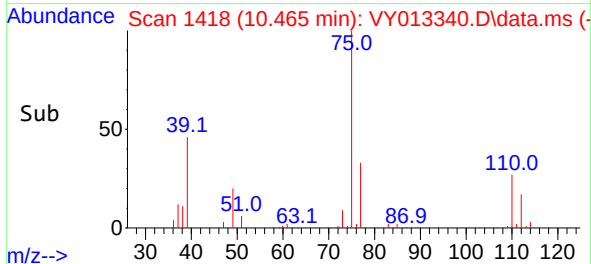
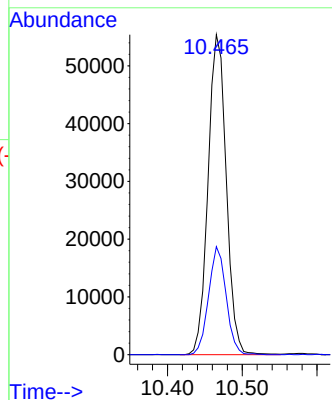
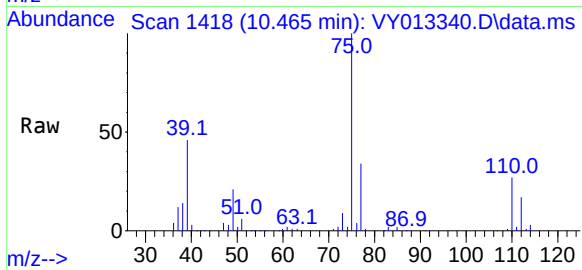




#53  
 t-1,3-Dichloropropene  
 Concen: 20.939 ug/l  
 RT: 10.465 min Scan# 1417  
 Delta R.T. 0.006 min  
 Lab File: VY013340.D  
 Acq: 19 Apr 2023 12:31

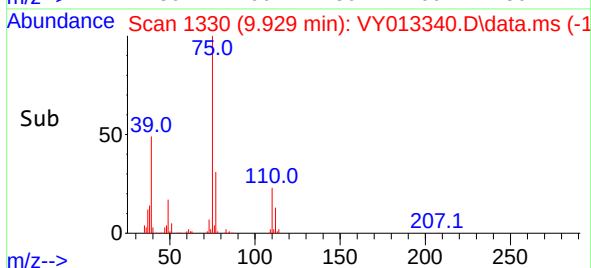
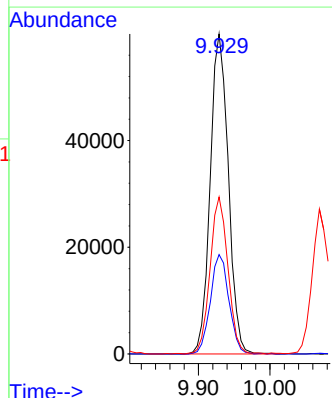
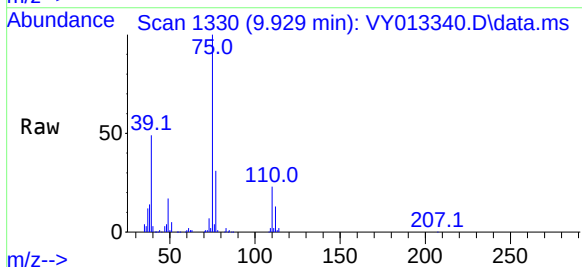
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

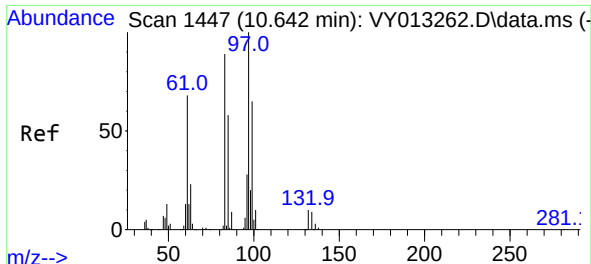
Tgt Ion: 75 Resp: 93727  
 Ion Ratio Lower Upper  
 75 100  
 77 33.7 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.483 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. 0.006 min  
 Lab File: VY013340.D  
 Acq: 19 Apr 2023 12:31

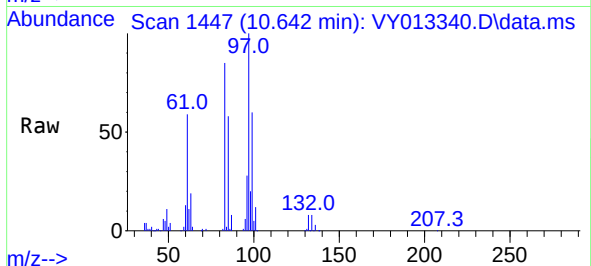
Tgt Ion: 75 Resp: 105438  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 25.4 38.0  
 39 48.9 39.0 58.4





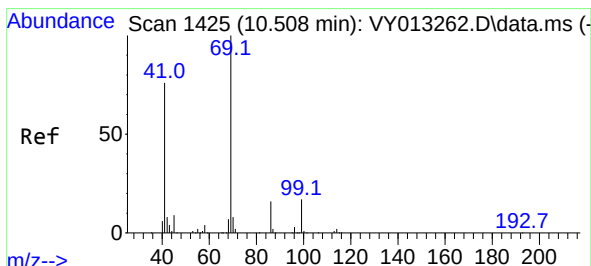
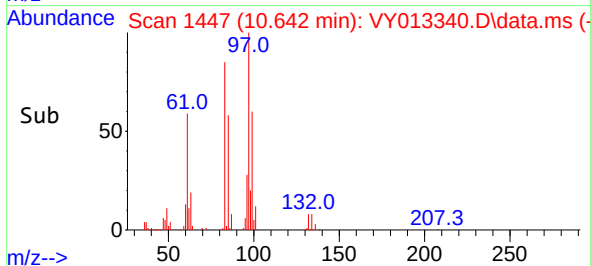
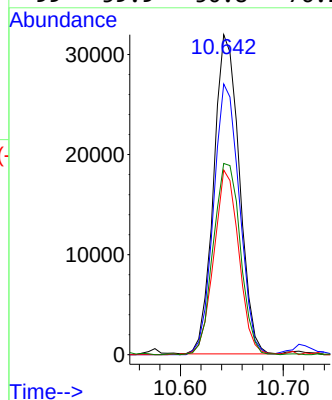
#55  
1,1,2-Trichloroethane  
Concen: 22.432 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 97 Resp: 55300

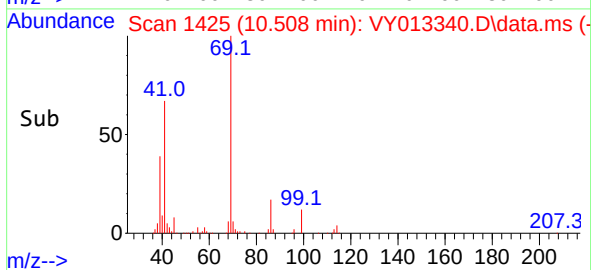
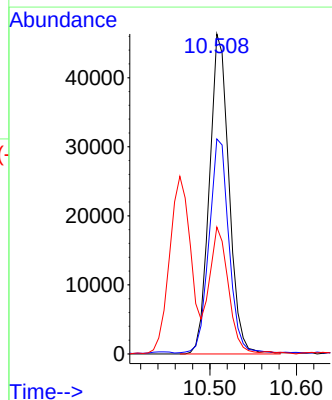
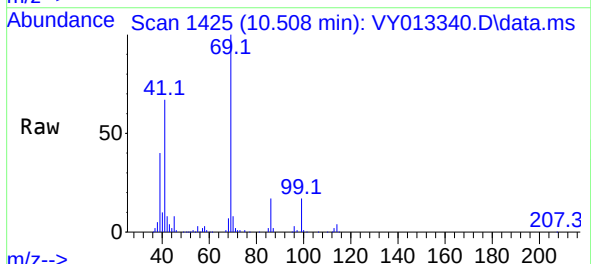
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.8  | 69.0  | 103.6 |
| 85  | 57.8  | 44.9  | 67.3  |
| 99  | 59.9  | 50.8  | 76.2  |



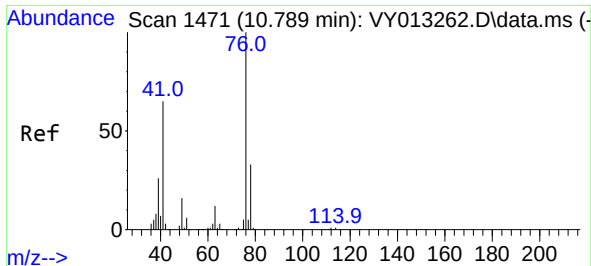
#56  
Ethyl methacrylate  
Concen: 21.573 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion: 69 Resp: 72817

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 67.5  | 56.4  | 84.6  |
| 39  | 37.3  | 30.8  | 46.2  |







#57

1,3-Dichloropropane

Concen: 21.539 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

Instrument :

MSVOA\_Y

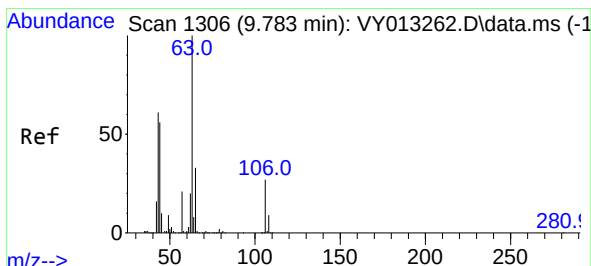
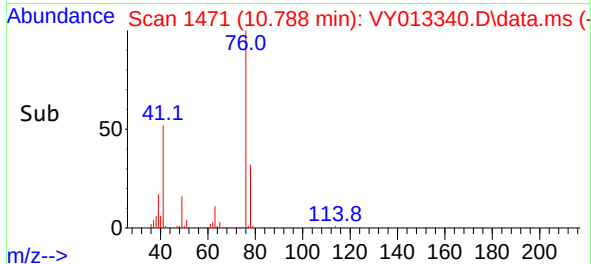
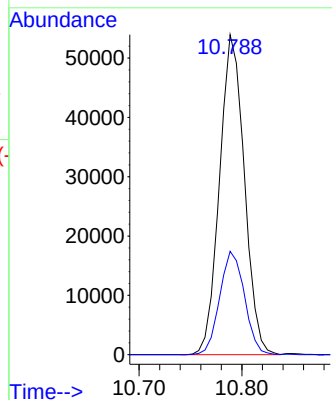
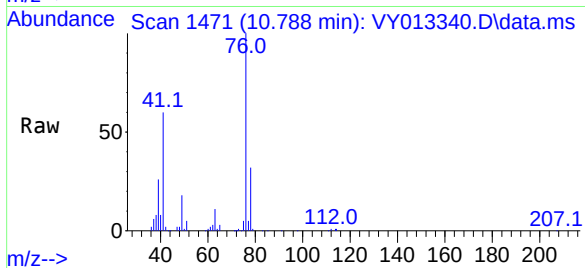
ClientSampleId :

Tgt Ion: 76 Resp: 90311

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 115.678 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY013340.D

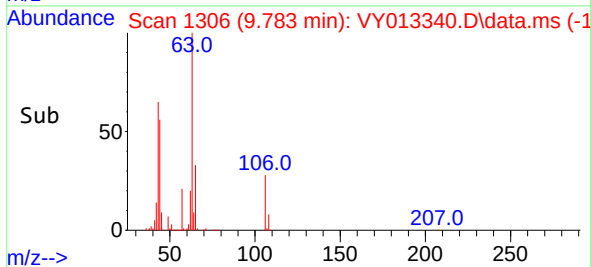
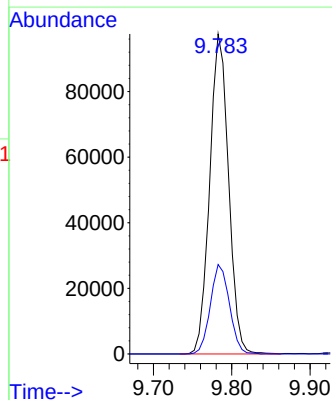
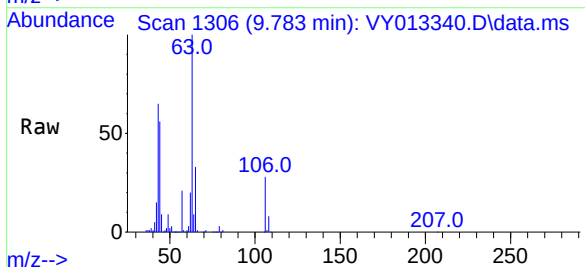
Acq: 19 Apr 2023 12:31

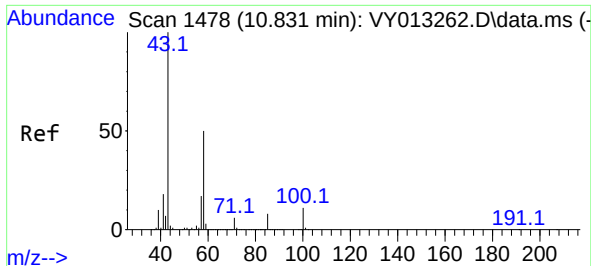
Tgt Ion: 63 Resp: 163037

Ion Ratio Lower Upper

63 100

106 28.2 22.1 33.1

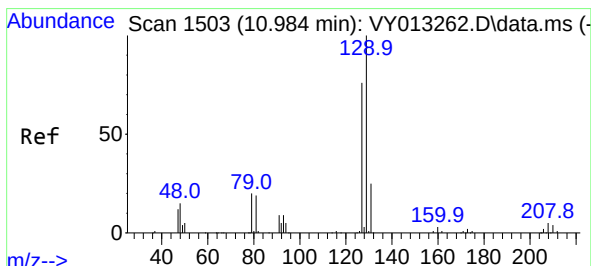
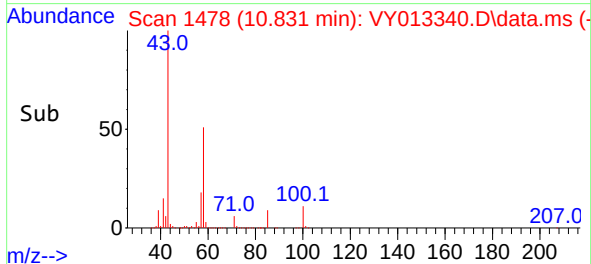
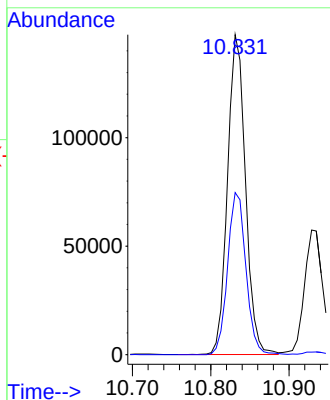
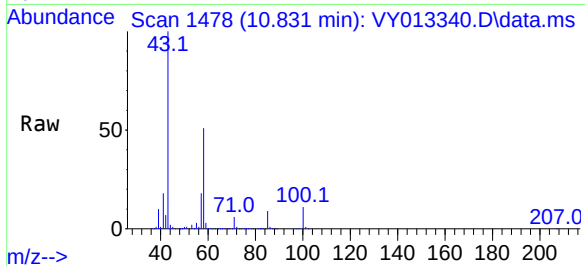




#59  
2-Hexanone  
Concen: 107.115 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

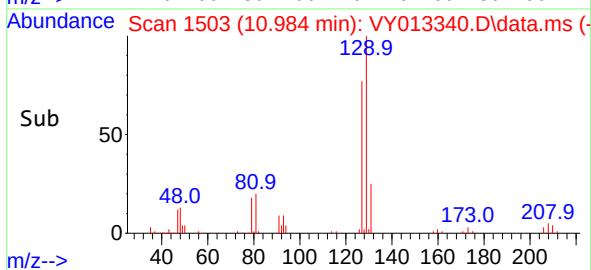
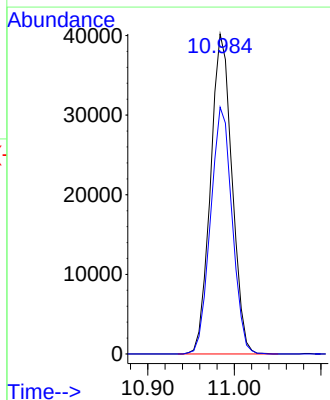
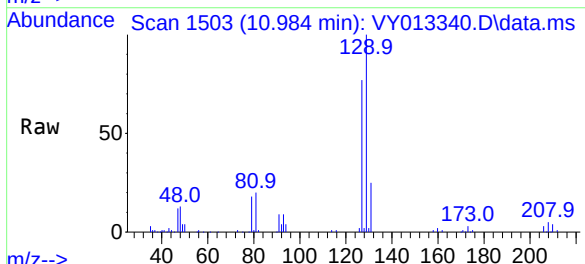
Instrument :  
MSVOA\_Y  
ClientSampleId :

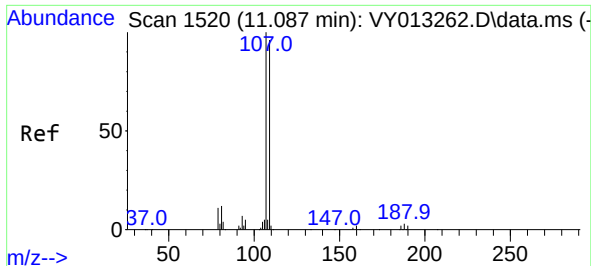
Tgt Ion: 43 Resp: 234690  
Ion Ratio Lower Upper  
43 100  
58 51.7 25.9 77.8



#60  
Dibromochloromethane  
Concen: 22.390 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion:129 Resp: 69210  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.7 116.1

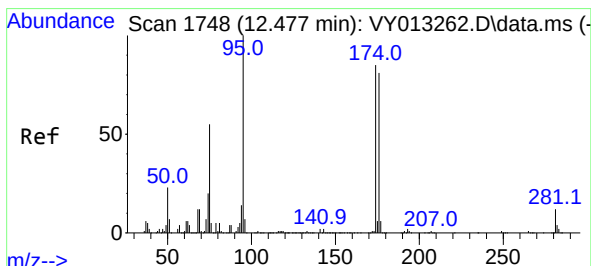
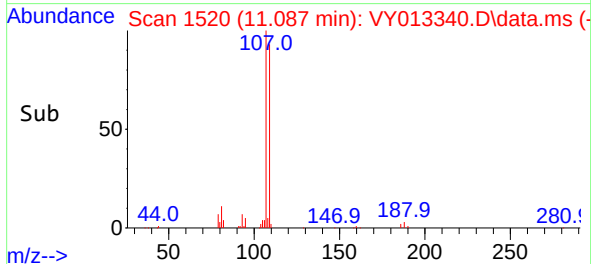
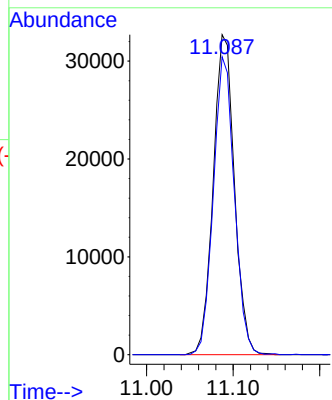
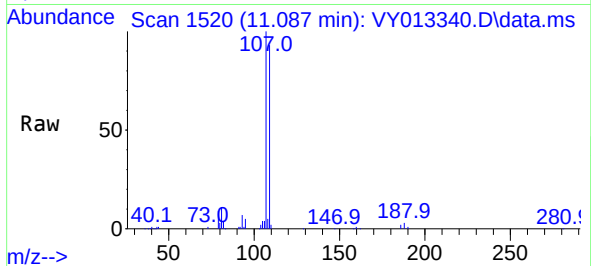




#61  
1,2-Dibromoethane  
Concen: 23.115 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

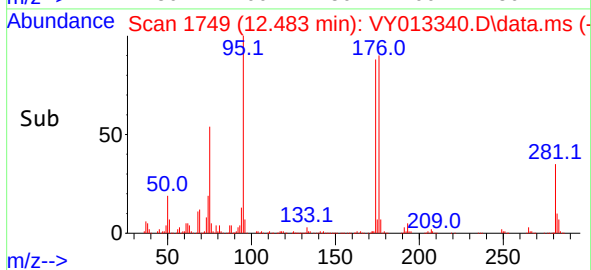
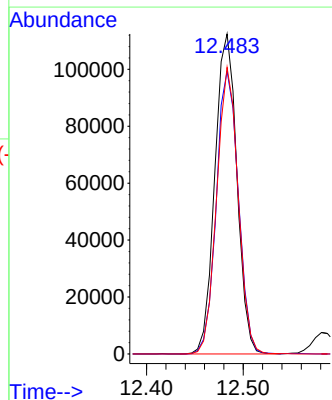
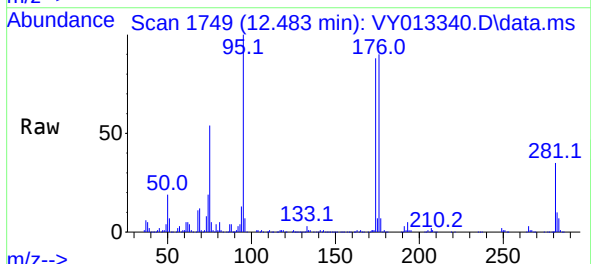
Instrument :  
MSVOA\_Y  
ClientSampleId :

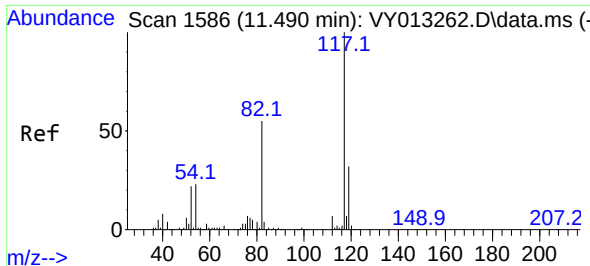
Tgt Ion:107 Resp: 55489  
Ion Ratio Lower Upper  
107 100  
109 92.4 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 53.840 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

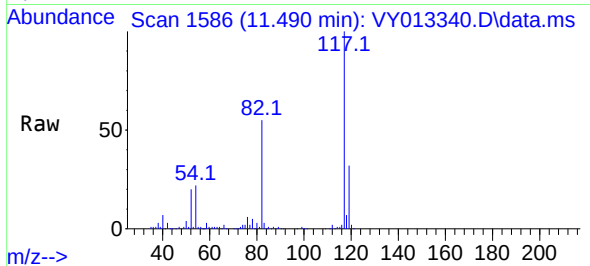
Tgt Ion: 95 Resp: 177742  
Ion Ratio Lower Upper  
95 100  
174 88.0 0.0 176.6  
176 87.1 0.0 170.2



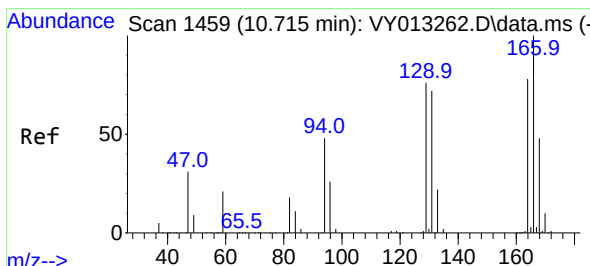
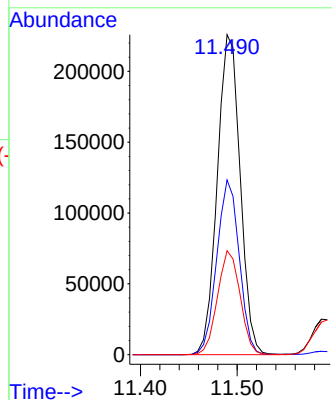
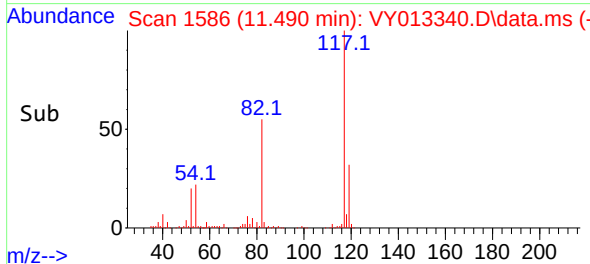


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

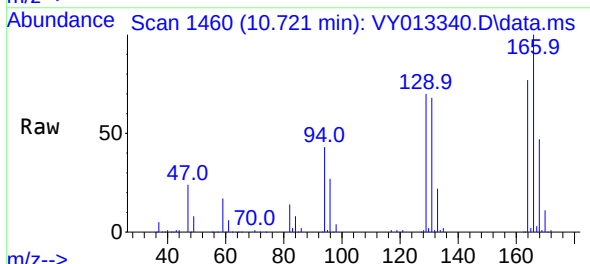
Instrument :  
MSVOA\_Y  
ClientSampleId :



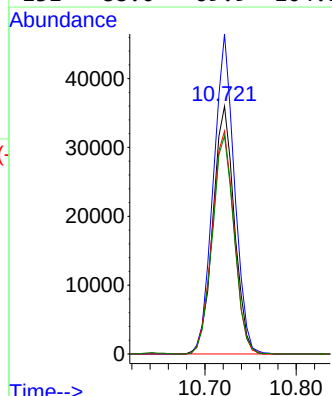
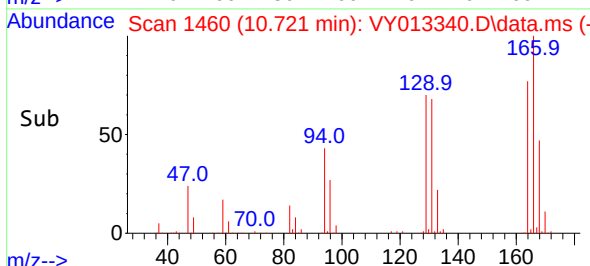
Tgt Ion:117 Resp: 371233  
Ion Ratio Lower Upper  
117 100  
82 54.6 45.4 68.0  
119 32.5 25.6 38.4

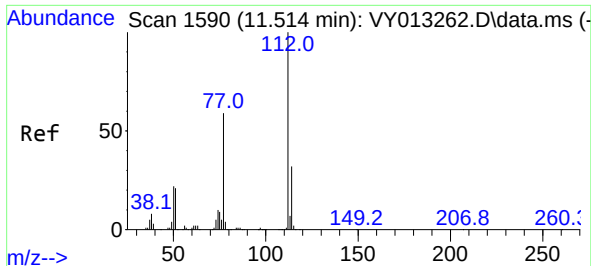


#64  
Tetrachloroethene  
Concen: 22.332 ug/l  
RT: 10.721 min Scan# 1460  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31



Tgt Ion:164 Resp: 58487  
Ion Ratio Lower Upper  
164 100  
166 129.2 103.4 155.2  
129 90.0 71.4 107.2  
131 88.0 69.9 104.9

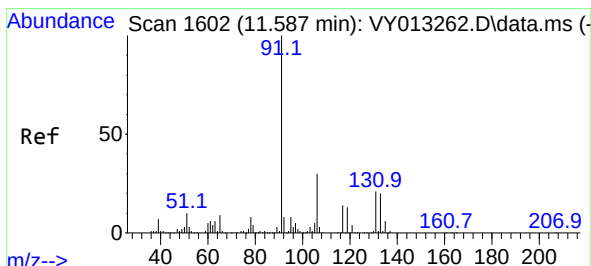
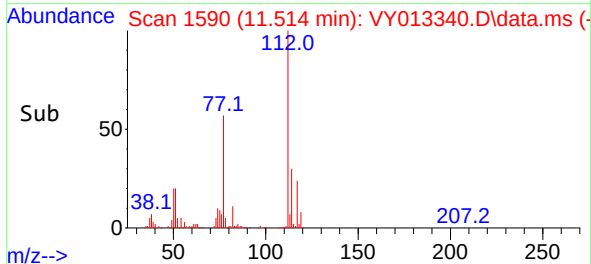
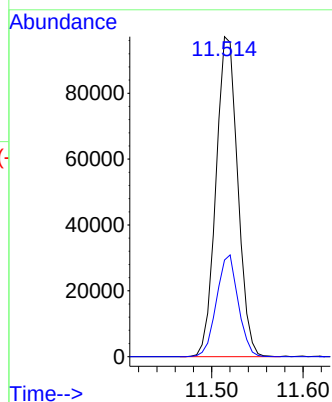
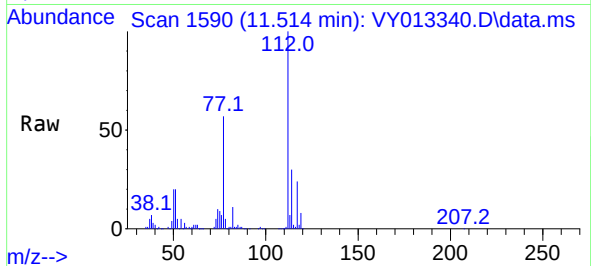




#65  
Chlorobenzene  
Concen: 20.695 ug/l  
RT: 11.514 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

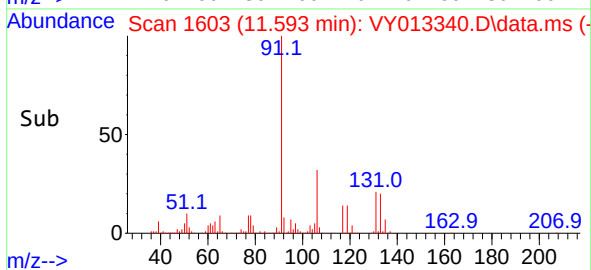
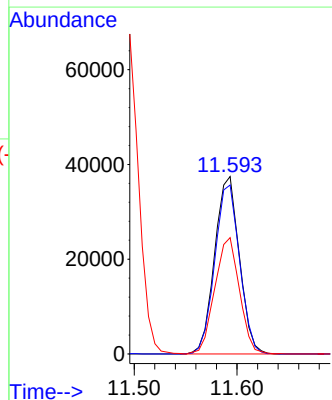
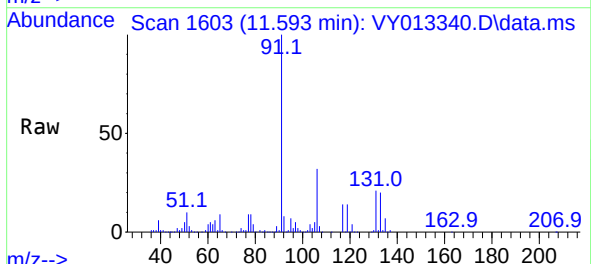
Instrument :  
MSVOA\_Y  
ClientSampleId :

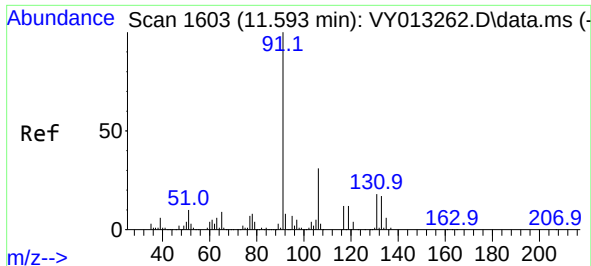
Tgt Ion:112 Resp: 160716  
Ion Ratio Lower Upper  
112 100  
114 30.2 24.5 36.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.425 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion:131 Resp: 62439  
Ion Ratio Lower Upper  
131 100  
133 95.7 48.0 144.0  
119 65.5 32.6 98.0





#67

Ethyl Benzene

Concen: 20.008 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

Instrument :

MSVOA\_Y

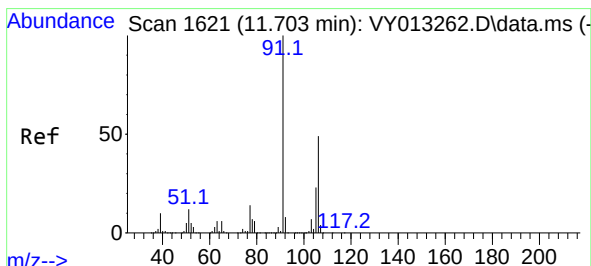
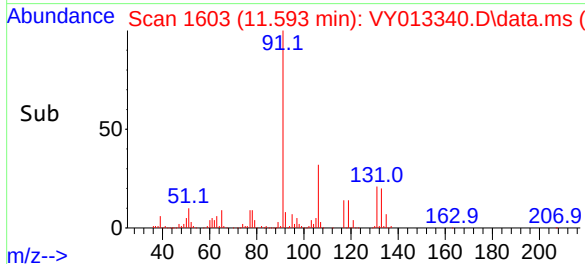
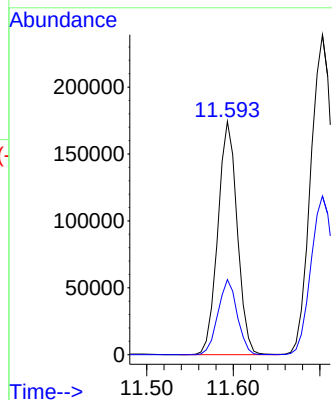
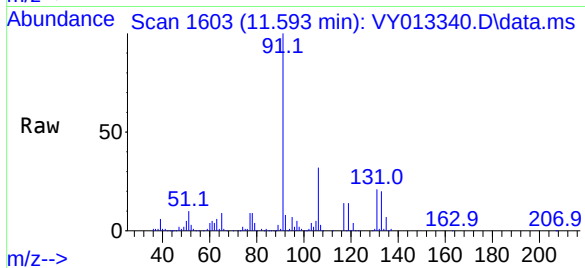
ClientSampleId :

Tgt Ion: 91 Resp: 270611

Ion Ratio Lower Upper

91 100

106 32.2 25.1 37.7



#68

m/p-Xylenes

Concen: 41.713 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013340.D

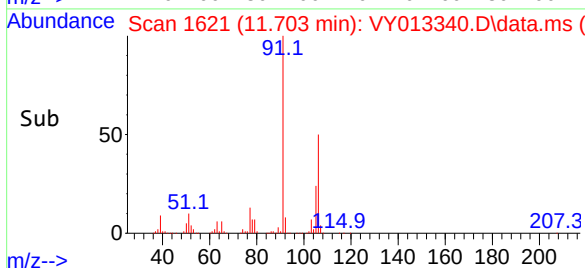
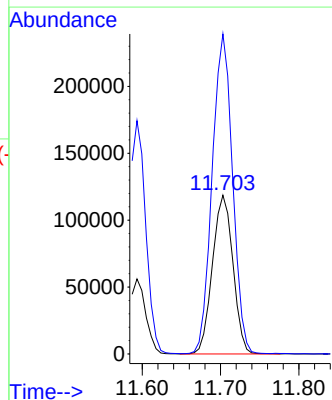
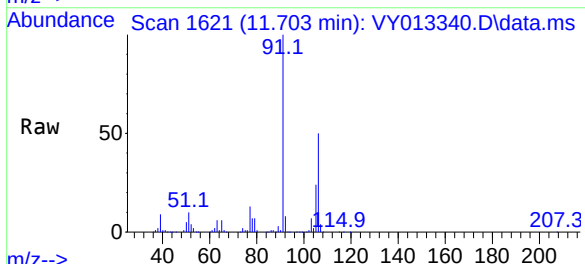
Acq: 19 Apr 2023 12:31

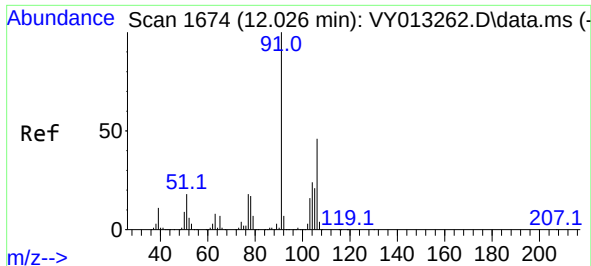
Tgt Ion:106 Resp: 215864

Ion Ratio Lower Upper

106 100

91 199.9 159.8 239.8

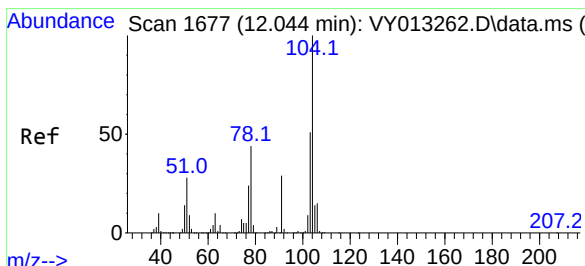
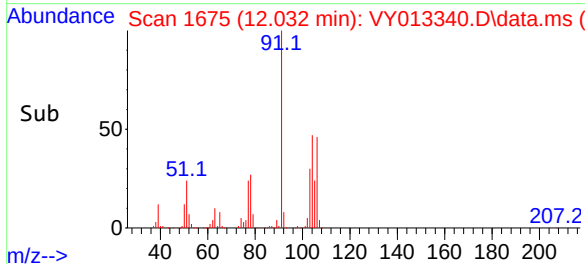
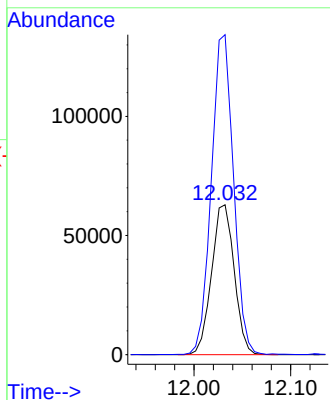
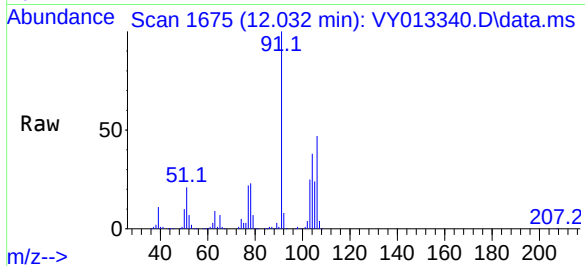




#69  
o-Xylene  
Concen: 21.355 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

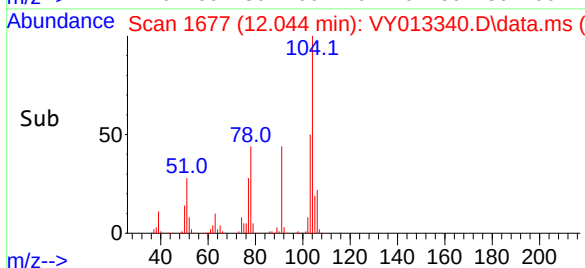
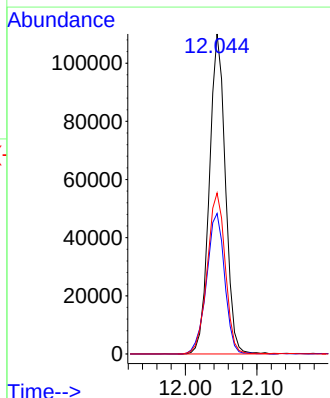
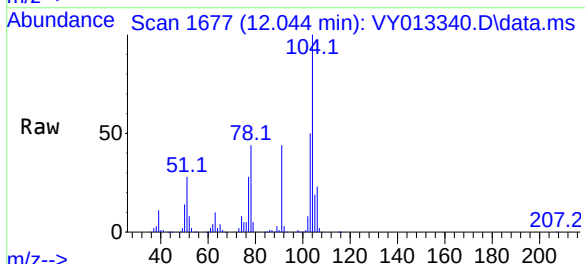
Instrument :  
MSVOA\_Y  
ClientSampleId :

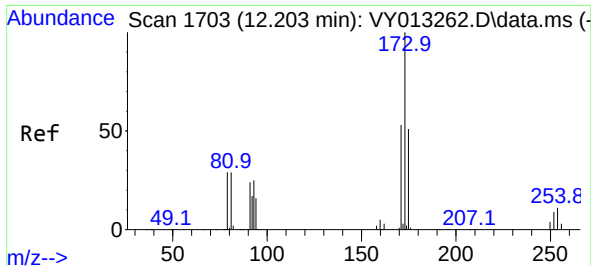
Tgt Ion:106 Resp: 102350  
Ion Ratio Lower Upper  
106 100  
91 209.4 107.2 321.6



#70  
Styrene  
Concen: 21.253 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion:104 Resp: 172046  
Ion Ratio Lower Upper  
104 100  
78 49.3 39.2 58.8  
103 56.1 43.7 65.5

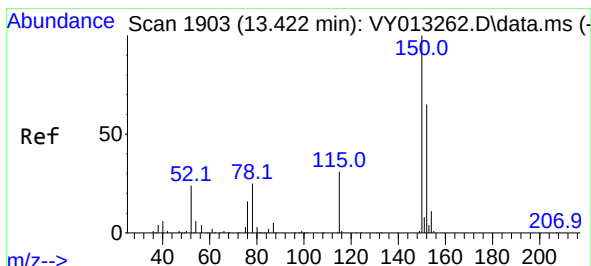
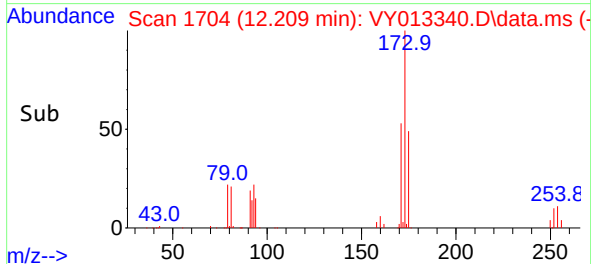
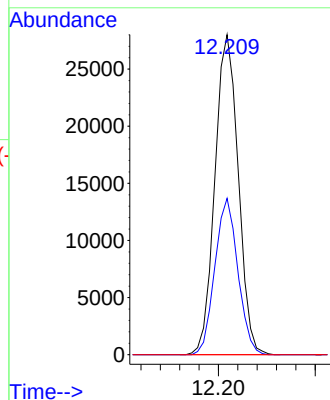
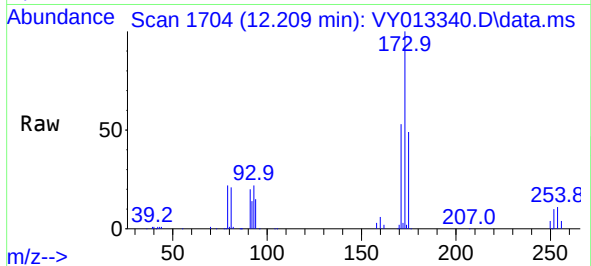




#71  
Bromoform  
Concen: 23.216 ug/l  
RT: 12.209 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

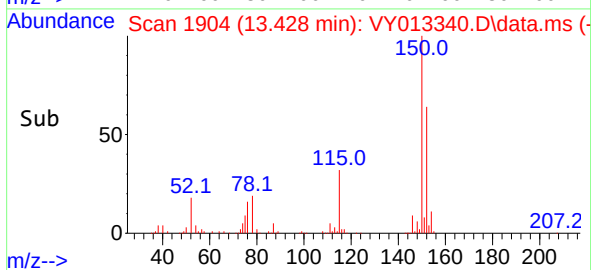
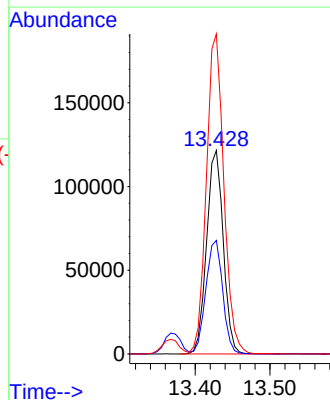
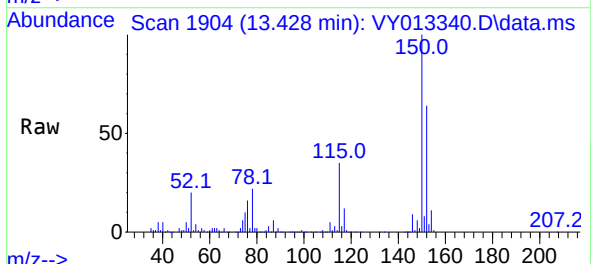
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:173 Resp: 46873  
Ion Ratio Lower Upper  
173 100  
175 48.1 25.0 75.0  
254 0.0 0.2 0.2#

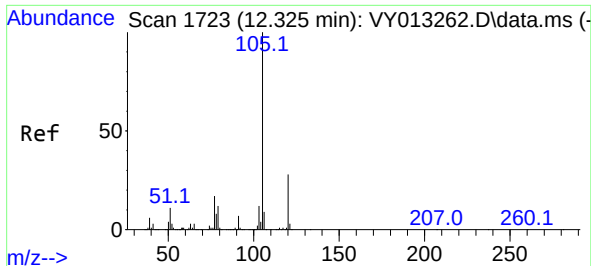


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion:152 Resp: 187823  
Ion Ratio Lower Upper  
152 100  
115 56.6 27.1 81.3  
150 164.8 0.0 347.8



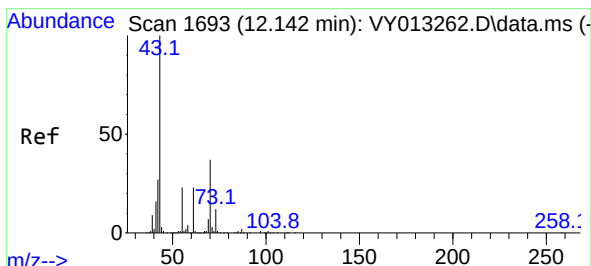
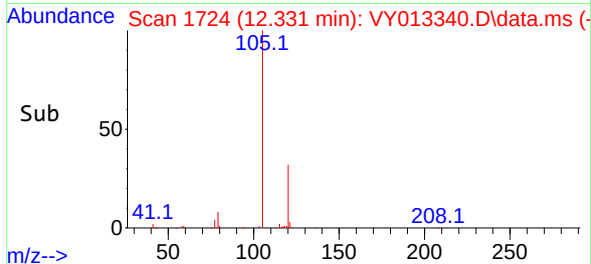
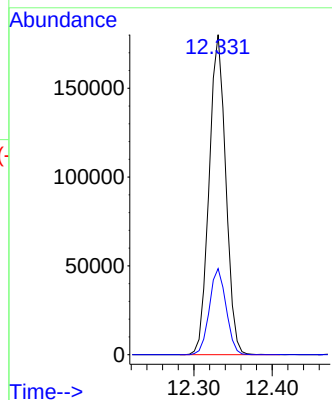
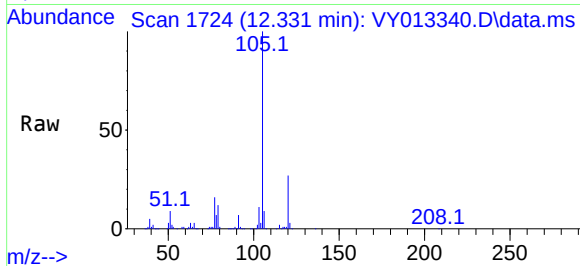




#73  
Isopropylbenzene  
Concen: 20.618 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

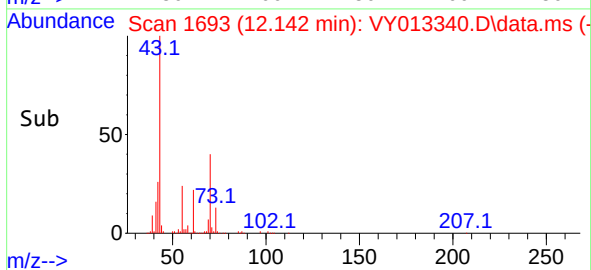
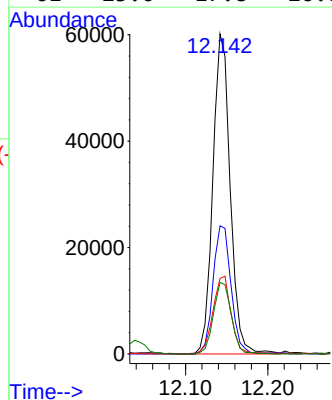
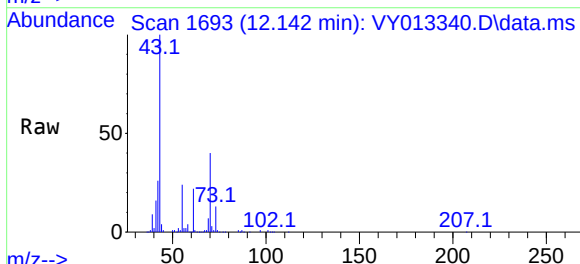
Instrument :  
MSVOA\_Y  
ClientSampleId :

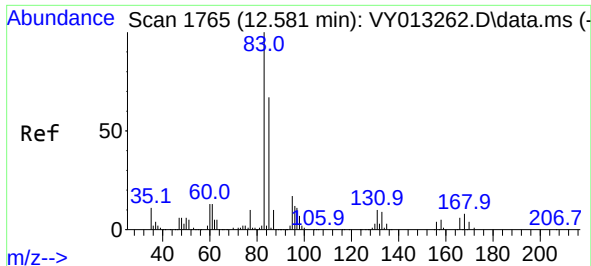
Tgt Ion:105 Resp: 265633  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.4 40.2



#74  
N-amy1 acetate  
Concen: 19.216 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

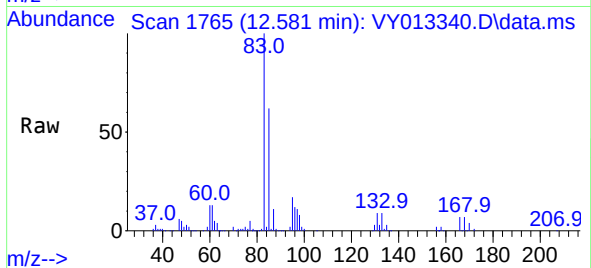
Tgt Ion: 43 Resp: 88324  
Ion Ratio Lower Upper  
43 100  
70 41.3 31.6 47.4  
55 25.3 18.8 28.2  
61 23.0 17.8 26.8



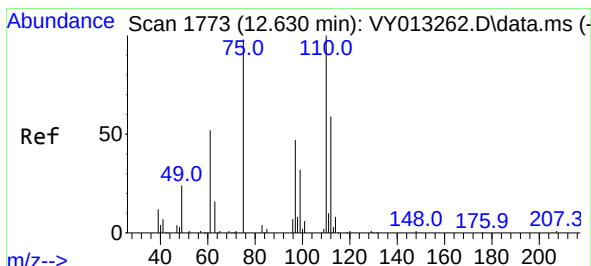
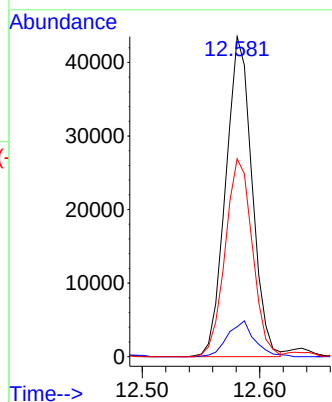
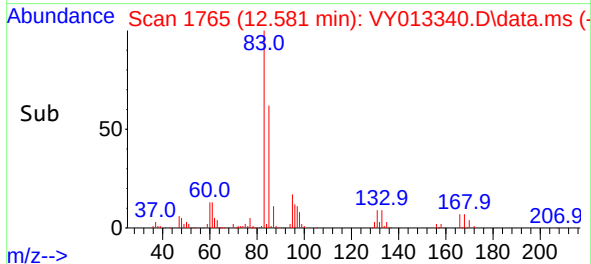


#75  
1,1,2,2-Tetrachloroethane  
Concen: 21.239 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

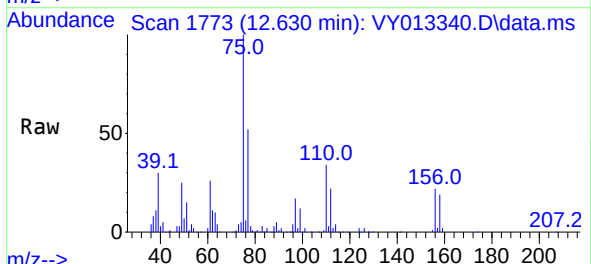
Instrument :  
MSVOA\_Y  
ClientSampleId :



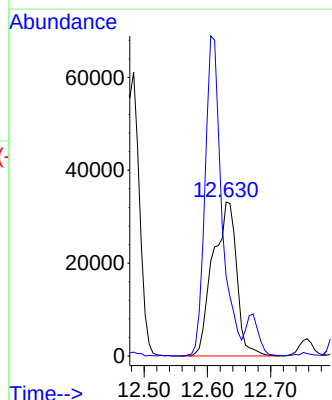
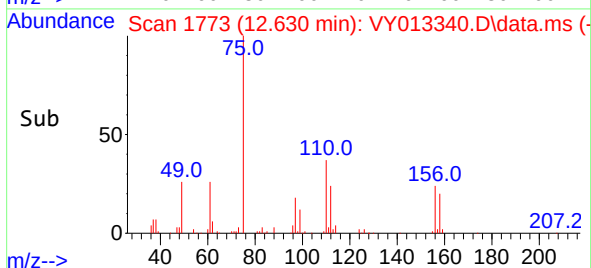
Tgt Ion: 83 Resp: 67597  
Ion Ratio Lower Upper  
83 100  
131 11.5 5.1 15.2  
85 64.1 31.8 95.3

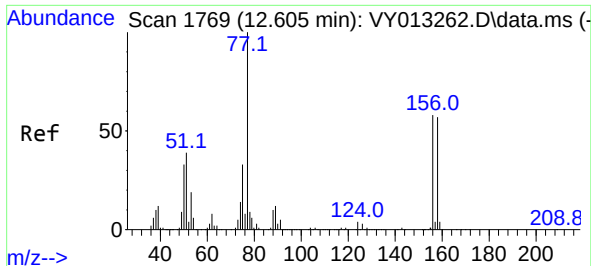


#76  
1,2,3-Trichloropropane  
Concen: 36.987 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31



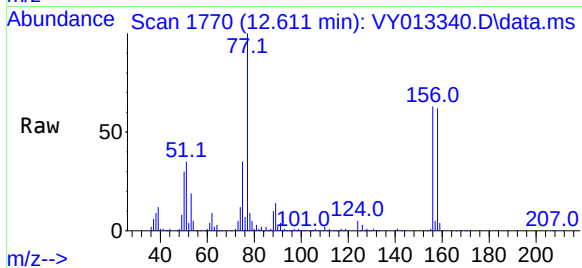
Tgt Ion: 75 Resp: 86566  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



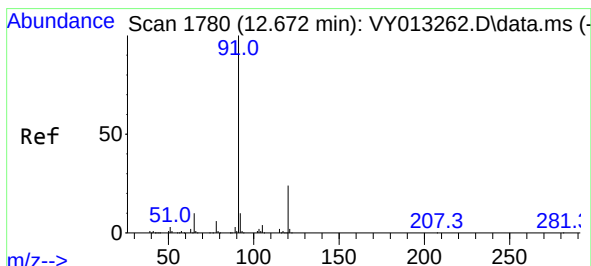
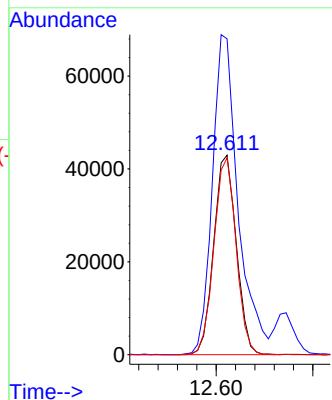
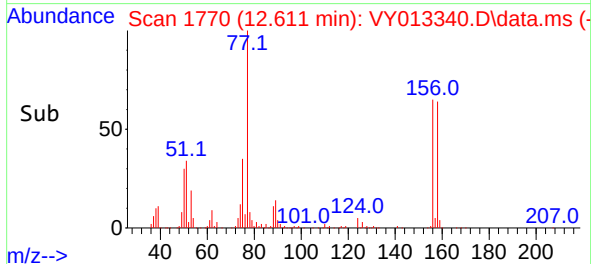


#77  
Bromobenzene  
Concen: 21.620 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

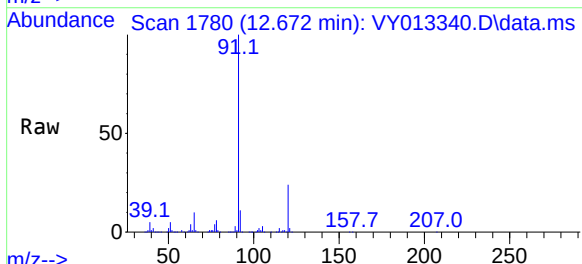
Instrument :  
MSVOA\_Y  
ClientSampleId :



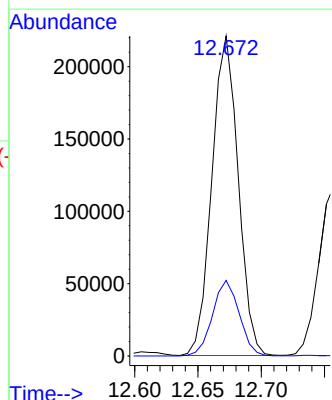
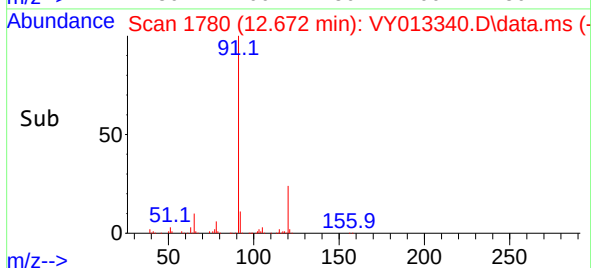
Tgt Ion:156 Resp: 69654  
Ion Ratio Lower Upper  
156 100  
77 182.7 94.0 282.1  
158 96.9 48.1 144.4

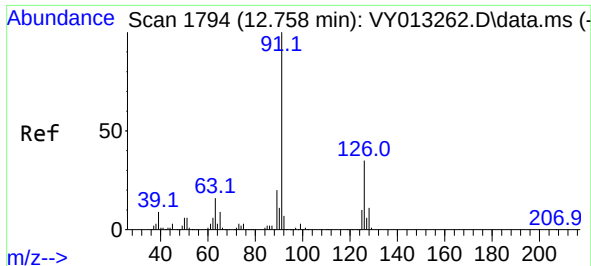


#78  
n-propylbenzene  
Concen: 20.069 ug/l  
RT: 12.672 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31



Tgt Ion: 91 Resp: 319333  
Ion Ratio Lower Upper  
91 100  
120 24.0 11.6 34.8

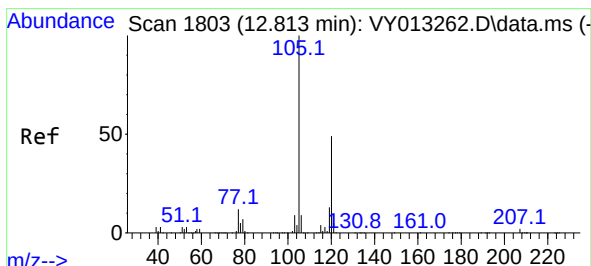
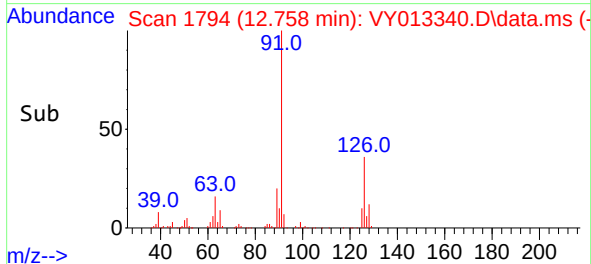
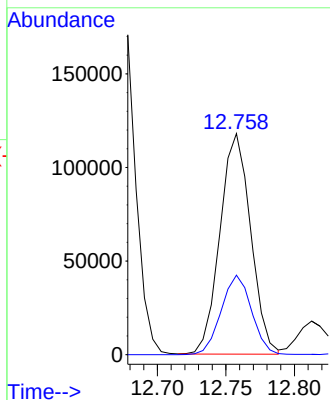
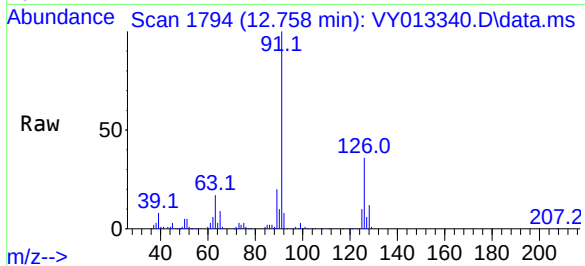




#79  
2-Chlorotoluene  
Concen: 20.487 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

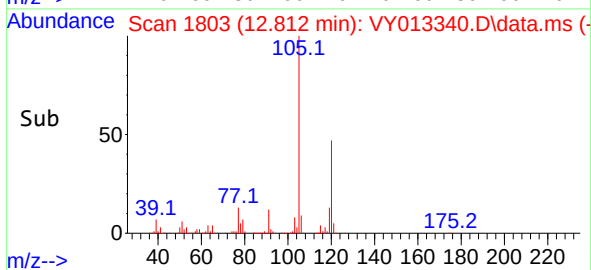
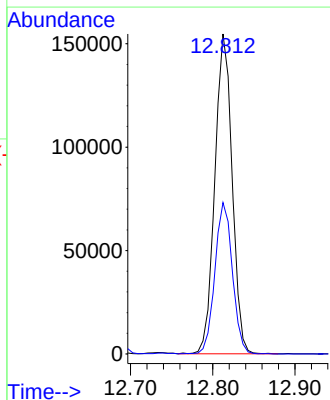
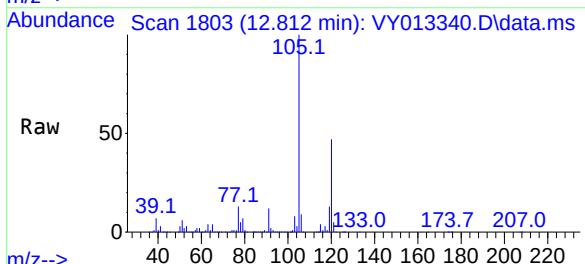
Instrument :  
MSVOA\_Y  
ClientSampleId :

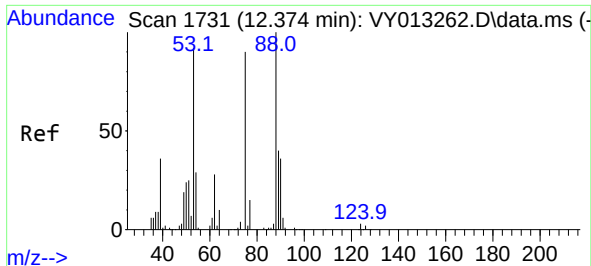
Tgt Ion: 91 Resp: 183495  
Ion Ratio Lower Upper  
91 100  
126 35.7 17.4 52.2



#80  
1,3,5-Trimethylbenzene  
Concen: 20.951 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion: 105 Resp: 226086  
Ion Ratio Lower Upper  
105 100  
120 48.0 24.8 74.4

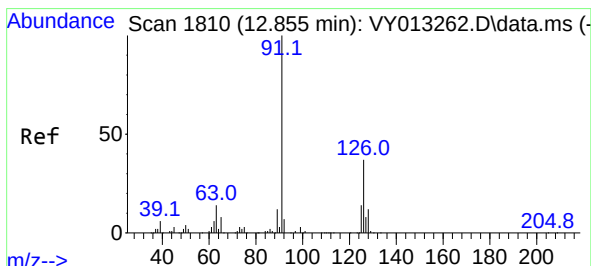
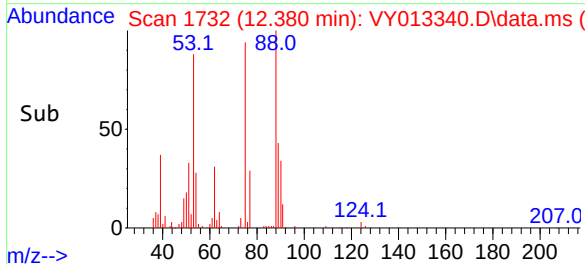
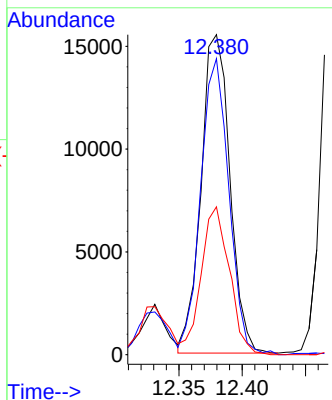
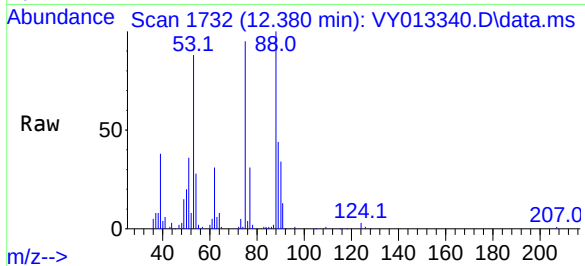




#81  
trans-1,4-Dichloro-2-butene  
Concen: 21.817 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

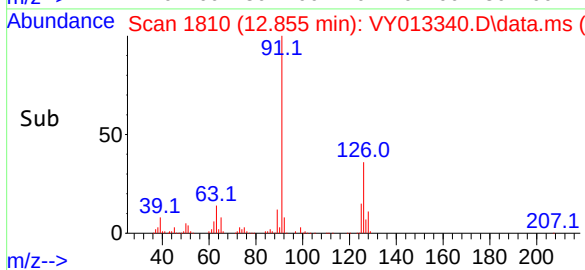
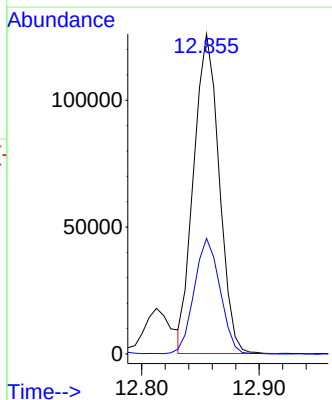
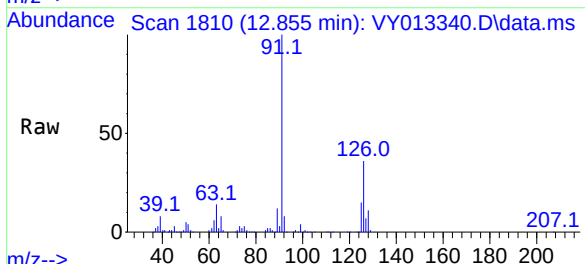
Instrument :  
MSVOA\_Y  
ClientSampleId :

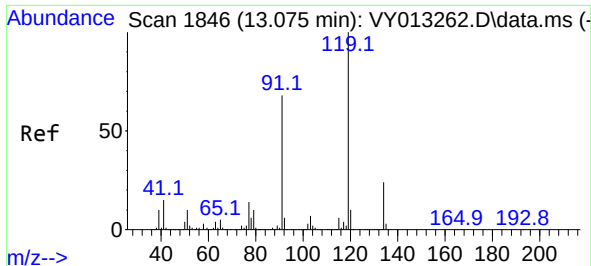
Tgt Ion: 75 Resp: 24602  
Ion Ratio Lower Upper  
75 100  
53 91.2 73.4 110.0  
89 45.6 36.6 55.0



#82  
4-Chlorotoluene  
Concen: 20.081 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion: 91 Resp: 189610  
Ion Ratio Lower Upper  
91 100  
126 36.7 17.7 53.1

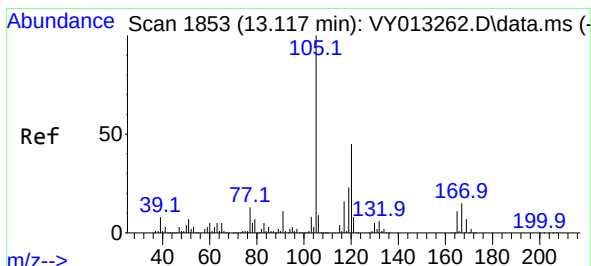
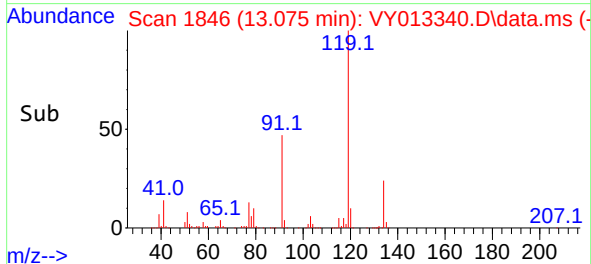
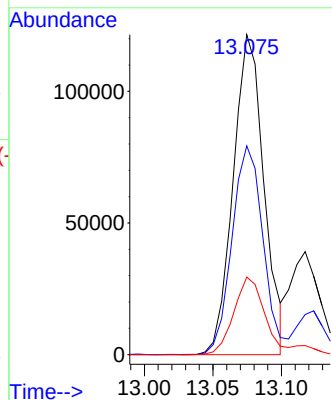
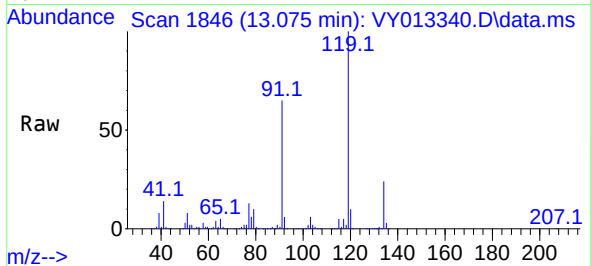




#83  
tert-Butylbenzene  
Concen: 20.542 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

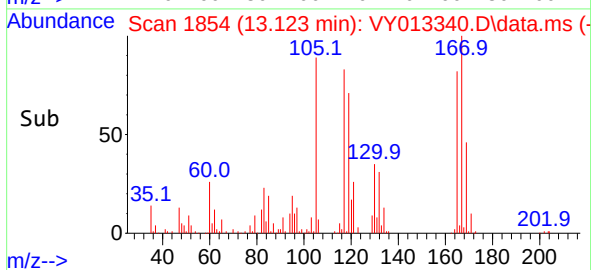
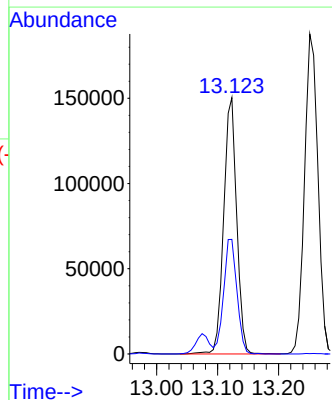
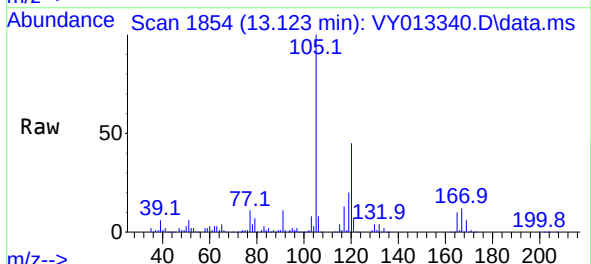
Instrument :  
MSVOA\_Y  
ClientSampleId :

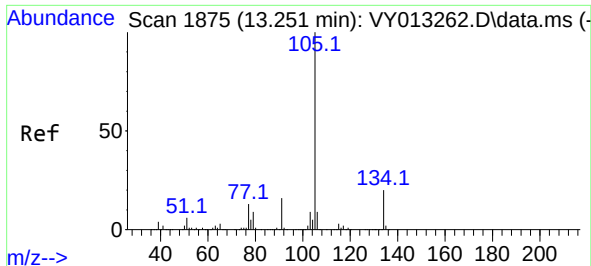
Tgt Ion:119 Resp: 190216  
Ion Ratio Lower Upper  
119 100  
91 66.4 32.8 98.3  
134 24.2 13.6 40.8



#84  
1,2,4-Trimethylbenzene  
Concen: 21.166 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion:105 Resp: 222299  
Ion Ratio Lower Upper  
105 100  
120 45.8 23.0 69.0

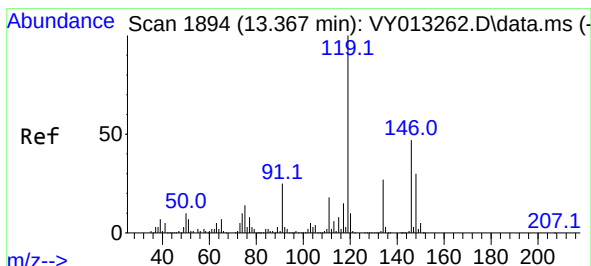
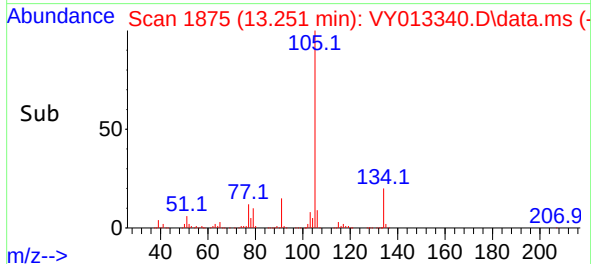
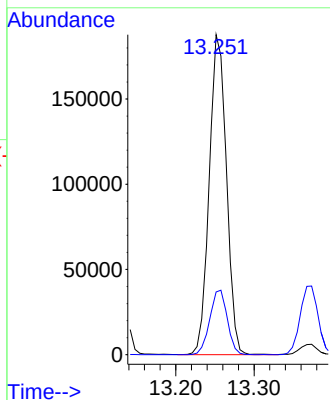
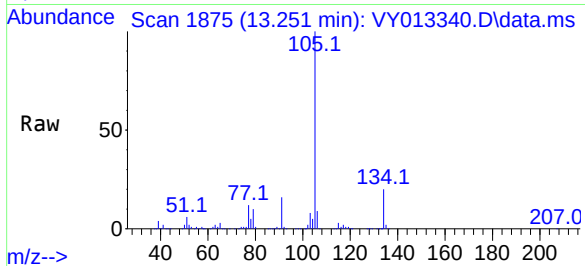




#85  
 sec-Butylbenzene  
 Concen: 20.662 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. -0.000 min  
 Lab File: VY013340.D  
 Acq: 19 Apr 2023 12:31

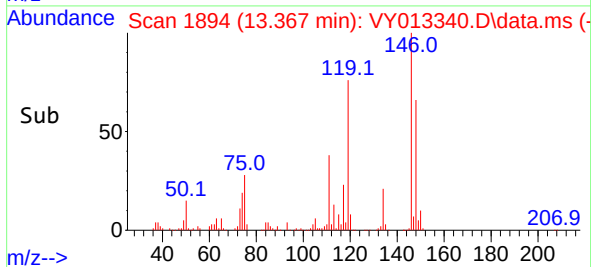
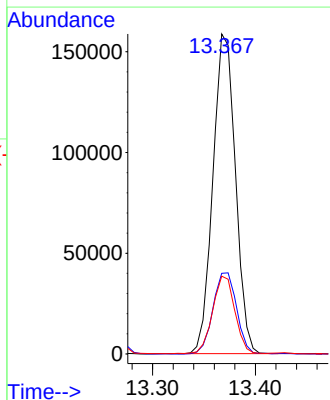
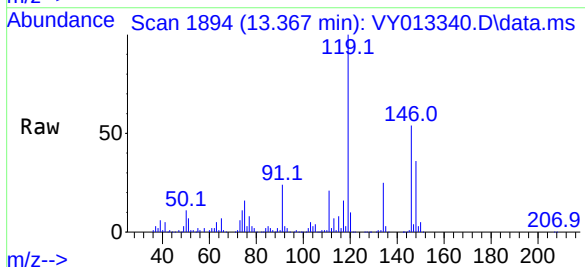
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

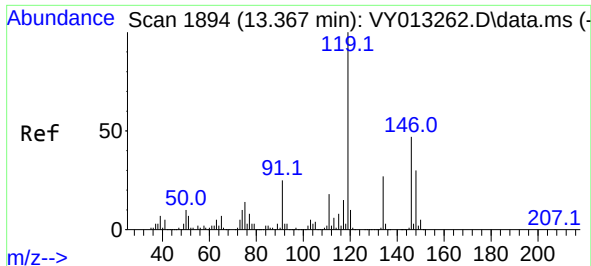
Tgt Ion:105 Resp: 286119  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 21.244 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. -0.000 min  
 Lab File: VY013340.D  
 Acq: 19 Apr 2023 12:31

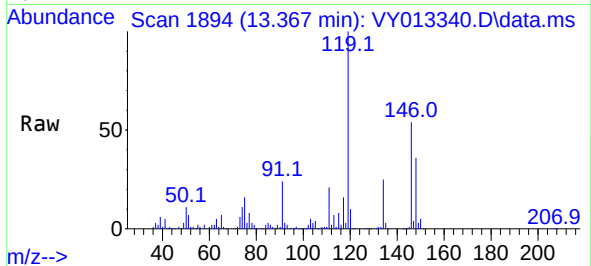
Tgt Ion:119 Resp: 241394  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.2 39.6  
 91 24.0 11.8 35.3



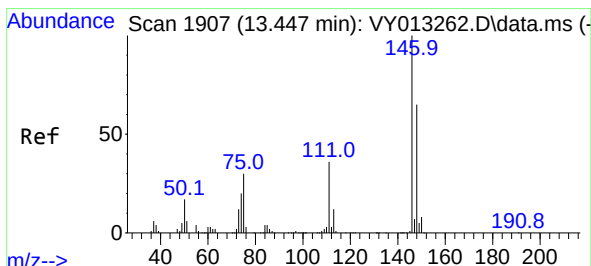
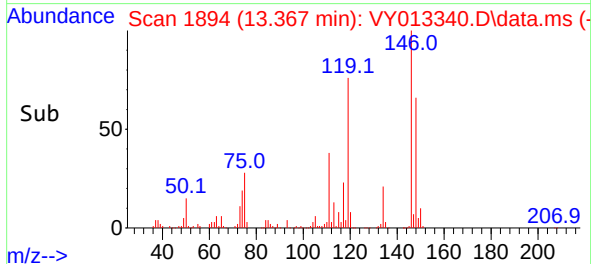
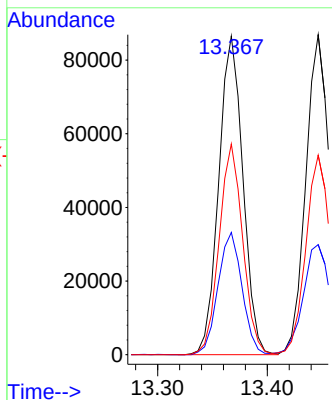


#87  
1,3-Dichlorobenzene  
Concen: 21.354 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

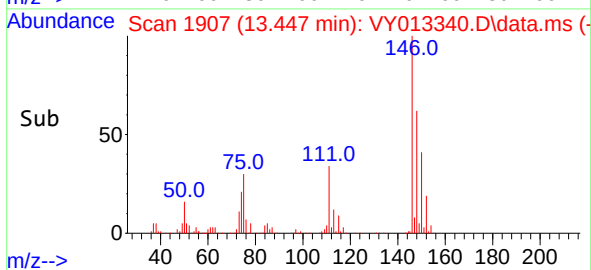
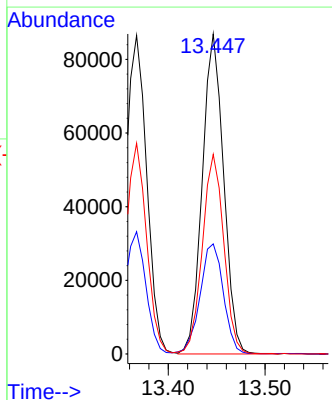
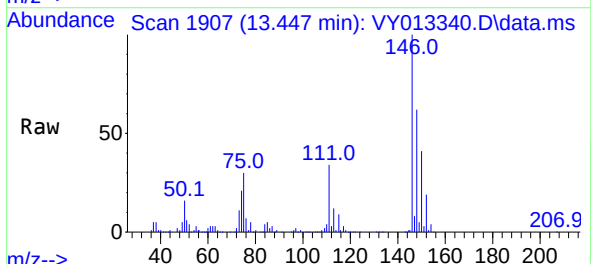


Tgt Ion:146 Resp: 132619  
Ion Ratio Lower Upper  
146 100  
111 38.2 19.1 57.5  
148 64.5 31.8 95.3

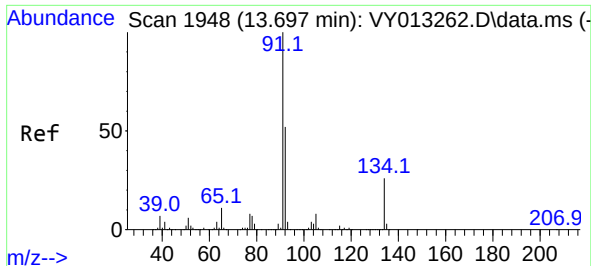


#88  
1,4-Dichlorobenzene  
Concen: 21.321 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion:146 Resp: 133808  
Ion Ratio Lower Upper  
146 100  
111 37.4 18.6 55.8  
148 62.9 31.5 94.5

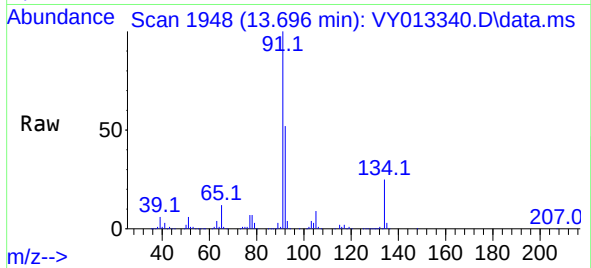




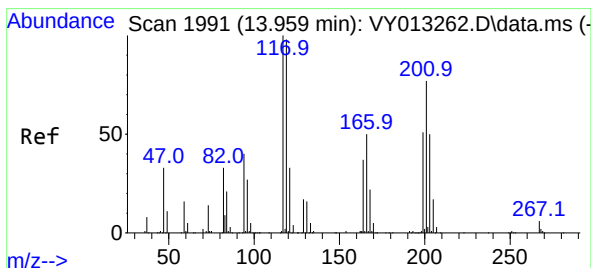
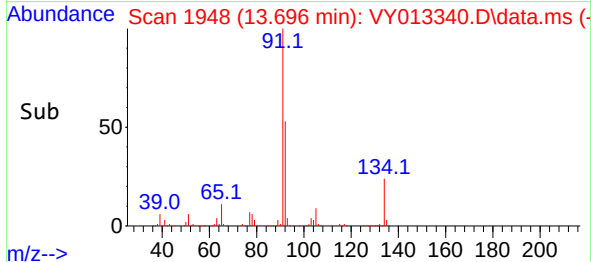
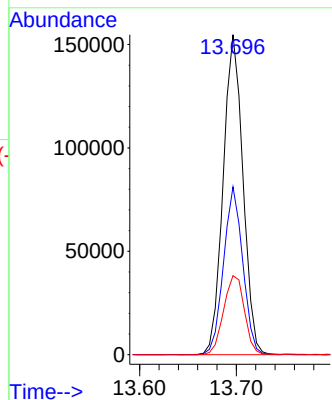


#89  
n-Butylbenzene  
Concen: 20.185 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Instrument :  
MSVOA\_Y  
ClientSampleId :

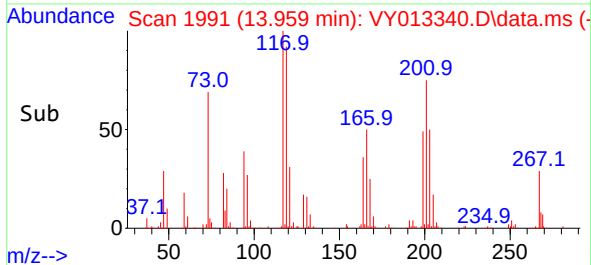
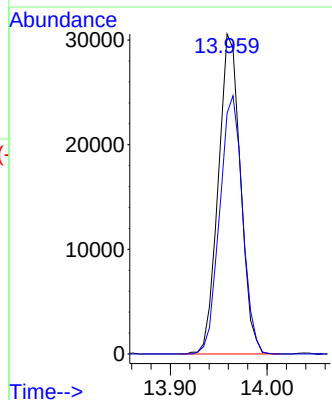
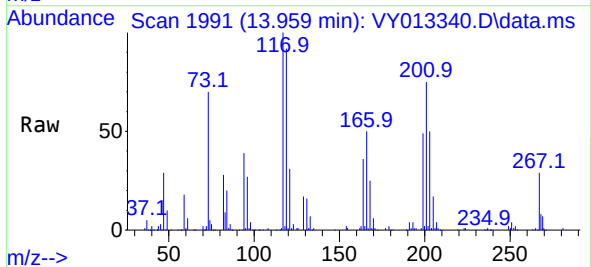


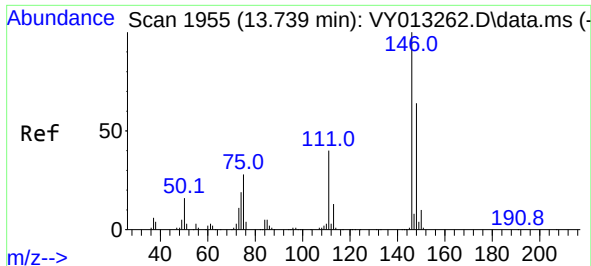
Tgt Ion: 91 Resp: 219374  
Ion Ratio Lower Upper  
91 100  
92 51.0 26.4 79.0  
134 25.9 13.0 38.9



#90  
Hexachloroethane  
Concen: 20.519 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

Tgt Ion: 117 Resp: 48614  
Ion Ratio Lower Upper  
117 100  
201 83.2 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 21.409 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

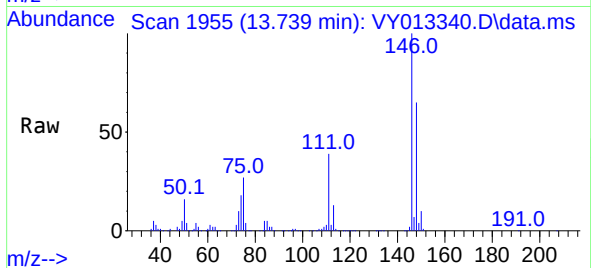
Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

Instrument :

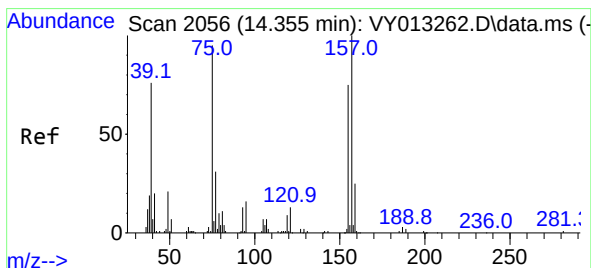
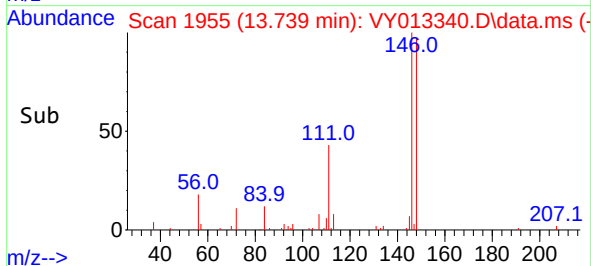
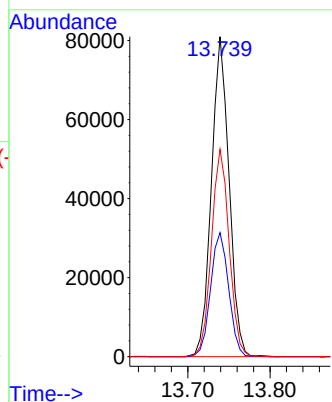
MSVOA\_Y

ClientSampleId :



Tgt Ion:146 Resp: 120988

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 39.8  | 19.7  | 59.1  |
| 148 | 65.1  | 31.9  | 95.5  |



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.802 ug/l

RT: 14.355 min Scan# 2056

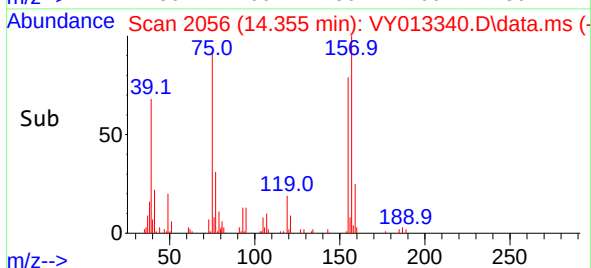
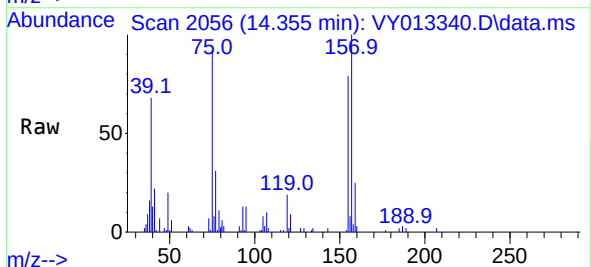
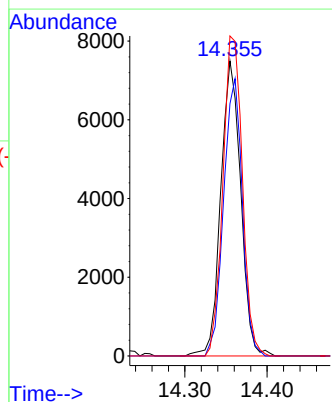
Delta R.T. -0.000 min

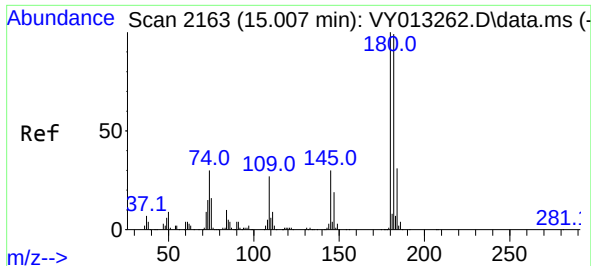
Lab File: VY013340.D

Acq: 19 Apr 2023 12:31

Tgt Ion: 75 Resp: 12601

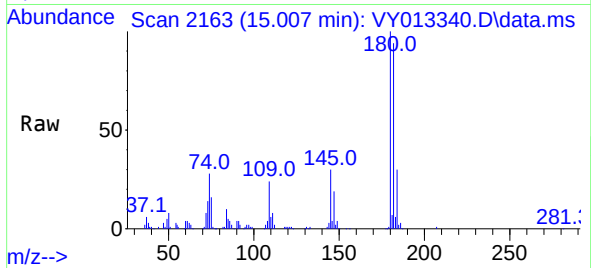
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 88.4  | 43.8  | 131.4 |
| 157 | 105.8 | 54.1  | 162.3 |



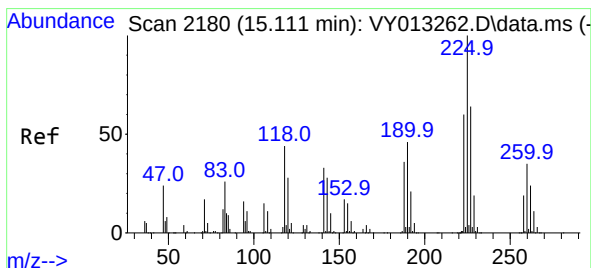
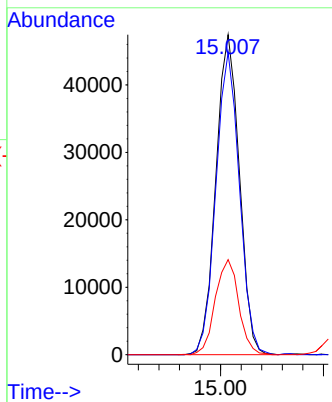
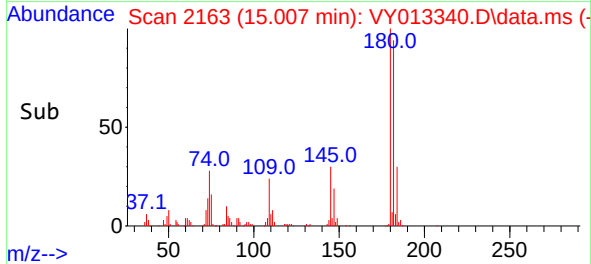


#93  
 1,2,4-Trichlorobenzene  
 Concen: 22.379 ug/l  
 RT: 15.007 min Scan# 2163  
 Delta R.T. 0.000 min  
 Lab File: VY013340.D  
 Acq: 19 Apr 2023 12:31

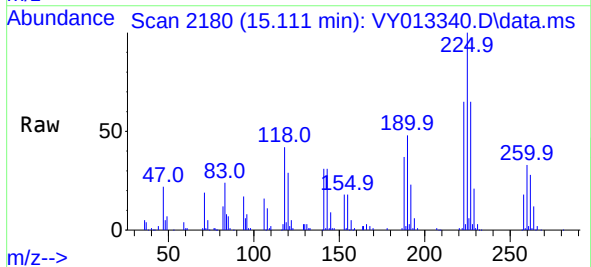
Instrument :  
 MSVOA\_Y  
 ClientSampleId :



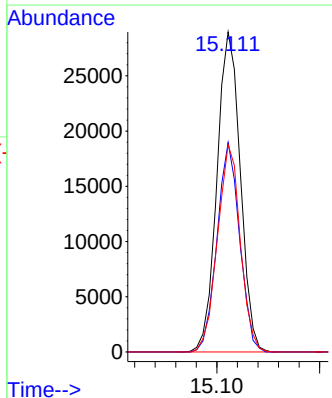
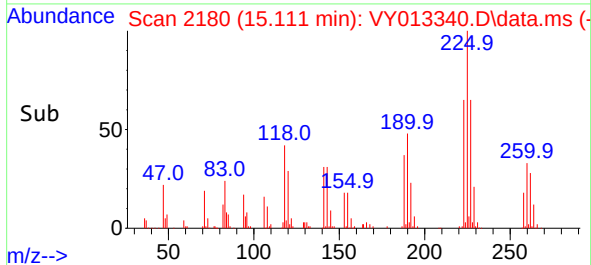
Tgt Ion:180 Resp: 75167  
 Ion Ratio Lower Upper  
 180 100  
 182 94.4 46.7 140.1  
 145 29.7 14.6 43.8

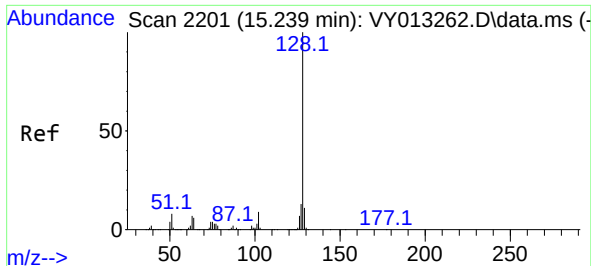


#94  
 Hexachlorobutadiene  
 Concen: 22.927 ug/l  
 RT: 15.111 min Scan# 2180  
 Delta R.T. -0.000 min  
 Lab File: VY013340.D  
 Acq: 19 Apr 2023 12:31



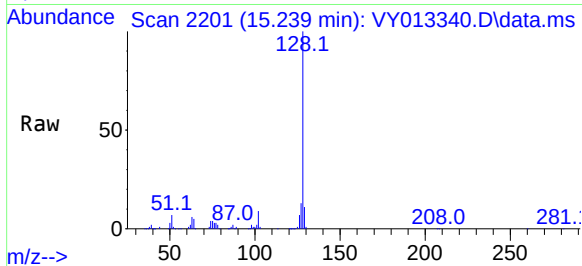
Tgt Ion:225 Resp: 45600  
 Ion Ratio Lower Upper  
 225 100  
 223 63.2 31.1 93.3  
 227 63.4 32.4 97.0



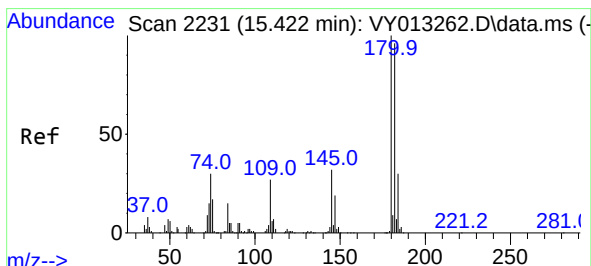
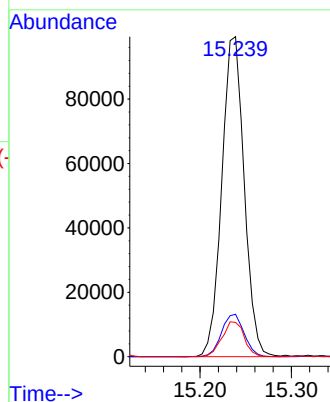
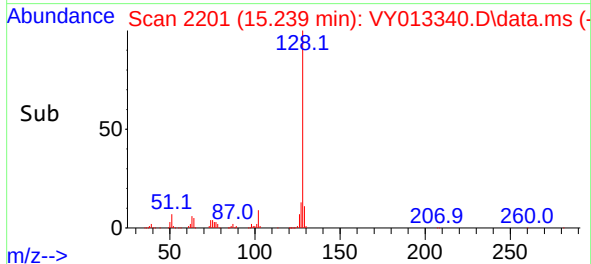


#95  
Naphthalene  
Concen: 22.434 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31

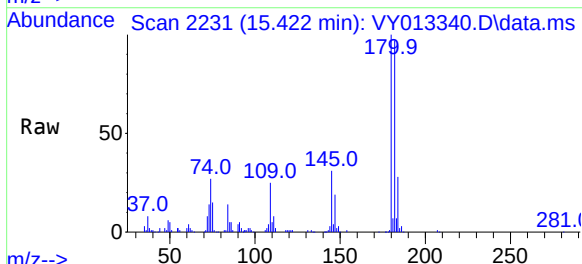
Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion:128 Resp: 169224  
Ion Ratio Lower Upper  
128 100  
127 13.5 10.3 15.5  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 23.293 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY013340.D  
Acq: 19 Apr 2023 12:31



Tgt Ion:180 Resp: 71277  
Ion Ratio Lower Upper  
180 100  
182 95.4 47.4 142.3  
145 31.5 15.3 45.8

