

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090723\  
 Data File : VY015458.D  
 Acq On : 07 Sep 2023 09:15  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 07 23:04:51 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y082923S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 31 20:01:47 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 7.783  | 168   | 194317   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.685  | 114   | 319442   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.490 | 117   | 293731   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422 | 152   | 151747   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.137  | 65    | 99442    | 47.739   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =      | 95.480%  |
| 35) Dibromofluoromethane     | 7.710  | 113   | 92866    | 50.473   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =      | 100.940% |
| 50) Toluene-d8               | 10.179 | 98    | 321882   | 48.309   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | =      | 96.620%  |
| 62) 4-Bromofluorobenzene     | 12.483 | 95    | 124156   | 50.193   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | =      | 100.380% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.900  | 85    | 72778    | 43.086   | ug/l   | 100      |
| 3) Chloromethane             | 2.107  | 50    | 105155   | 46.876   | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.247  | 62    | 123481   | 47.292   | ug/l   | 97       |
| 5) Bromomethane              | 2.638  | 94    | 96993    | 52.207   | ug/l   | 97       |
| 6) Chloroethane              | 2.784  | 64    | 86615    | 50.468   | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.113  | 101   | 171151   | 46.340   | ug/l   | 98       |
| 8) Diethyl Ether             | 3.522  | 74    | 63739    | 50.498   | ug/l   | 86       |
| 9) 1,1,2-Trichlorotrifluo... | 3.887  | 101   | 92170    | 45.025   | ug/l   | 98       |
| 10) Methyl Iodide            | 4.082  | 142   | 123002   | 51.167   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 4.948  | 59    | 96532    | 205.028  | ug/l # | 82       |
| 12) 1,1-Dichloroethene       | 3.863  | 96    | 93541    | 48.426   | ug/l   | 95       |
| 13) Acrolein                 | 3.723  | 56    | 117280   | 204.866  | ug/l   | 99       |
| 14) Allyl chloride           | 4.466  | 41    | 153313   | 49.850   | ug/l   | 96       |
| 15) Acrylonitrile            | 5.149  | 53    | 192252   | 242.054  | ug/l   | 99       |
| 16) Acetone                  | 3.942  | 43    | 237076   | 272.672  | ug/l   | 93       |
| 17) Carbon Disulfide         | 4.186  | 76    | 257983   | 44.674   | ug/l   | 100      |
| 18) Methyl Acetate           | 4.466  | 43    | 153233   | 48.658   | ug/l   | 92       |
| 19) Methyl tert-butyl Ether  | 5.216  | 73    | 325325   | 51.819   | ug/l   | 97       |
| 20) Methylene Chloride       | 4.704  | 84    | 121151   | 42.214   | ug/l   | 91       |
| 21) trans-1,2-Dichloroethene | 5.210  | 96    | 109931   | 49.422   | ug/l   | 95       |
| 22) Diisopropyl ether        | 6.113  | 45    | 343497   | 51.068   | ug/l   | 91       |
| 23) Vinyl Acetate            | 6.052  | 43    | 1060752  | 249.773  | ug/l # | 94       |
| 24) 1,1-Dichloroethane       | 6.009  | 63    | 196659   | 50.577   | ug/l   | 97       |
| 25) 2-Butanone               | 6.978  | 43    | 314557   | 255.079  | ug/l   | 96       |
| 26) 2,2-Dichloropropane      | 6.972  | 77    | 183242   | 55.485   | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 6.978  | 96    | 132309   | 52.433   | ug/l   | 94       |
| 28) Bromochloromethane       | 7.326  | 49    | 52401    | 43.946   | ug/l   | 93       |
| 29) Tetrahydrofuran          | 7.344  | 42    | 182937   | 236.230  | ug/l   | 90       |
| 30) Chloroform               | 7.503  | 83    | 214996   | 52.598   | ug/l   | 97       |
| 31) Cyclohexane              | 7.777  | 56    | 151447   | 40.929   | ug/l   | 92       |
| 32) 1,1,1-Trichloroethane    | 7.698  | 97    | 189411   | 51.879   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 7.911  | 75    | 153744   | 47.589   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.070  | 43    | 118916   | 47.726   | ug/l # | 95       |
| 38) Carbon Tetrachloride     | 7.893  | 117   | 167600   | 50.229   | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.179  | 83    | 177150   | 43.555   | ug/l   | 93       |
| 40) Benzene                  | 8.155  | 78    | 450039   | 49.929   | ug/l   | 100      |

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 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 07 23:04:51 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y082923S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Aug 31 20:01:47 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 165838   | 141.931 | ug/l # | 29       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 149640   | 49.787  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.265  | 43   | 212139   | 49.236  | ug/l   | 96       |
| 44) Trichloroethene           | 8.935  | 130  | 131311   | 51.489  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.210  | 63   | 113529   | 49.964  | ug/l   | 98       |
| 46) Dibromomethane            | 9.301  | 93   | 74966    | 49.668  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.496  | 83   | 170801   | 52.916  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.289  | 41   | 94370    | 47.737  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 27393    | 977.084 | ug/l # | 50       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 613162   | 244.846 | ug/l   | 94       |
| 52) Toluene                   | 10.240 | 92   | 294141   | 50.915  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 183264   | 53.425  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 194769   | 52.195  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 106018   | 52.130  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 158139   | 52.473  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 10.789 | 76   | 176570   | 50.437  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 232432   | 216.073 | ug/l   | 93       |
| 59) 2-Hexanone                | 10.831 | 43   | 472286   | 251.338 | ug/l   | 91       |
| 60) Dibromochloromethane      | 10.984 | 129  | 129958   | 54.596  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 106632   | 51.745  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 138992   | 52.133  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.514 | 112  | 324892   | 51.330  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 123461   | 53.291  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 582367   | 51.240  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.697 | 106  | 452349   | 102.679 | ug/l   | 96       |
| 69) o-Xylene                  | 12.026 | 106  | 221072   | 52.508  | ug/l   | 97       |
| 70) Styrene                   | 12.044 | 104  | 376278   | 53.152  | ug/l   | 97       |
| 71) Bromoform                 | 12.209 | 173  | 89228    | 55.213  | ug/l   | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 582009   | 51.061  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 195632   | 51.087  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 133944   | 49.227  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 182941   | 90.910  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 140684   | 52.113  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.672 | 91   | 698228   | 50.625  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.752 | 91   | 395461   | 51.121  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 496311   | 52.058  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 47588    | 52.166  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 415089   | 51.629  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.075 | 119  | 437280   | 52.366  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 489831   | 51.746  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.252 | 105  | 644146   | 51.718  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 542302   | 51.951  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 277431   | 52.055  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 277386   | 51.488  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.697 | 91   | 497110   | 50.596  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.959 | 117  | 101158   | 54.183  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 252638   | 51.943  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 27329    | 50.773  | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 161657   | 52.925  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 85743    | 51.480  | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 413282   | 54.622  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 145904   | 52.369  | ug/l   | 99       |

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MSVOA\_Y  
ClientSampleId :

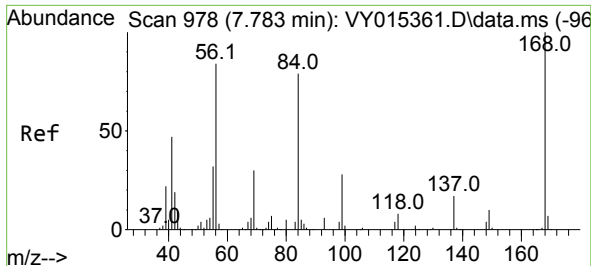
Quant Time: Sep 07 23:04:51 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y082923S.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 31 20:01:47 2023  
Response via : Initial Calibration

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

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

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Quant Title : SW846 8260  
QLast Update : Thu Aug 31 20:01:47 2023  
Response via : Initial Calibration

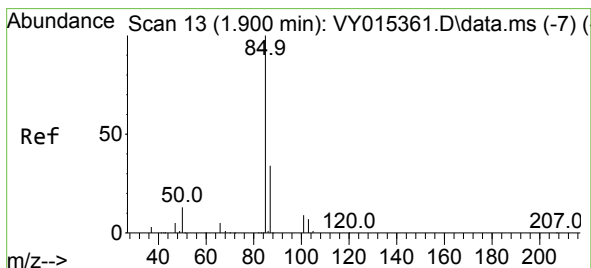
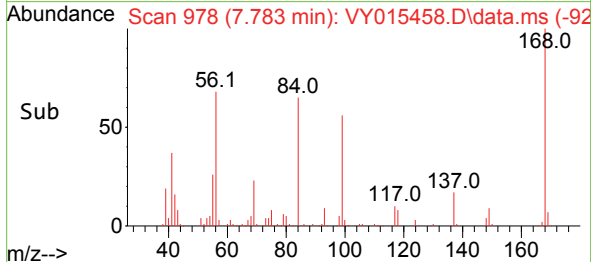
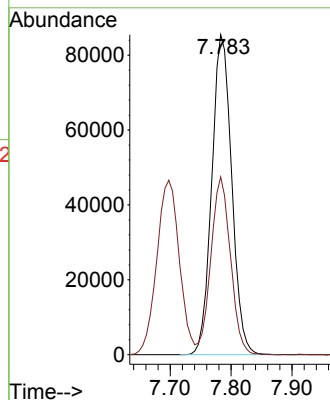
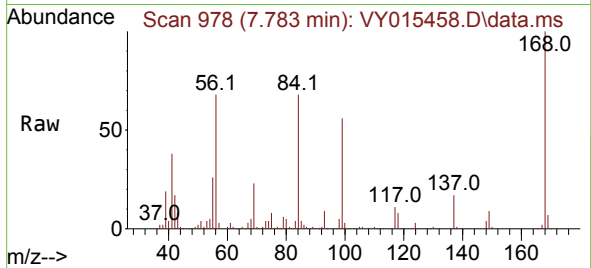




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

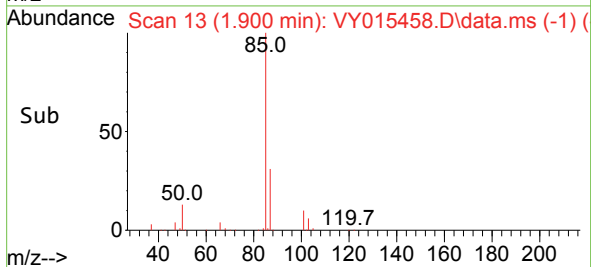
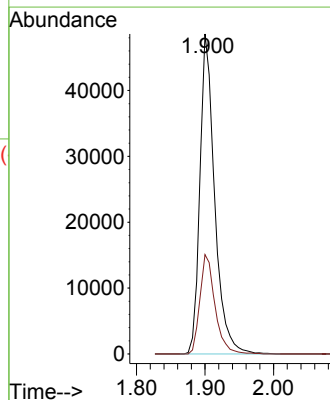
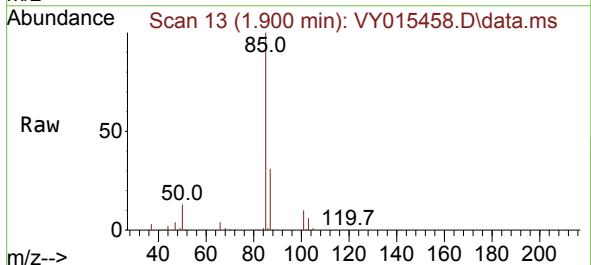
Instrument :  
MSVOA\_Y  
ClientSampleId :

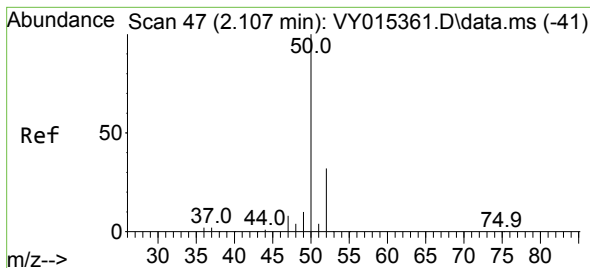
Tgt Ion:168 Resp: 194317  
Ion Ratio Lower Upper  
168 100  
99 55.6 43.4 65.0



#2  
Dichlorodifluoromethane  
Concen: 43.086 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Tgt Ion: 85 Resp: 72778  
Ion Ratio Lower Upper  
85 100  
87 31.0 15.6 46.8





#3

Chloromethane

Concen: 46.876 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

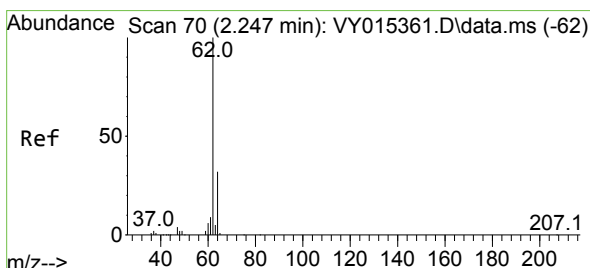
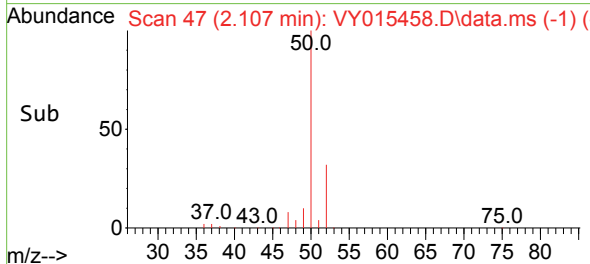
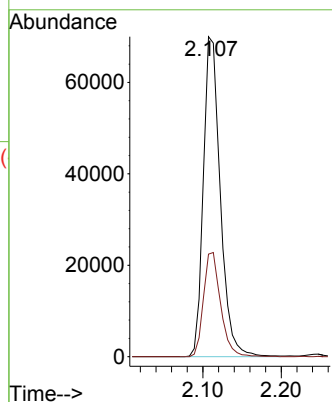
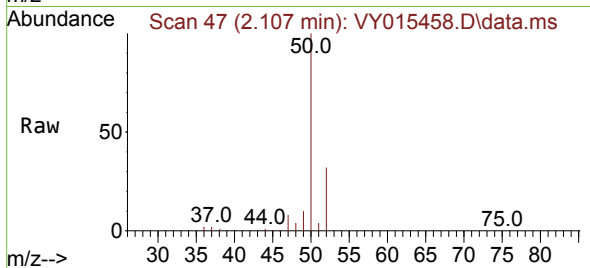
ClientSampleId :

Tgt Ion: 50 Resp: 105155

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 47.292 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015458.D

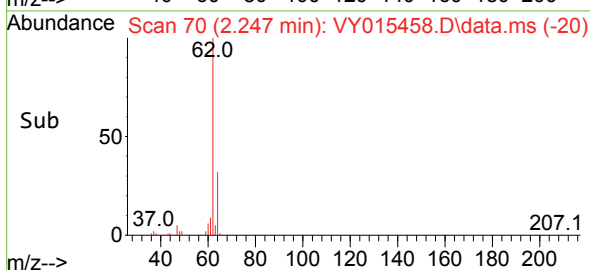
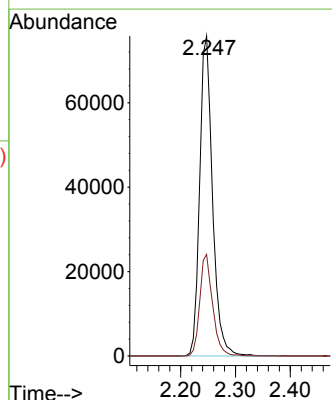
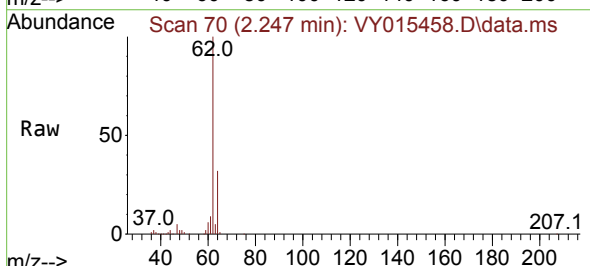
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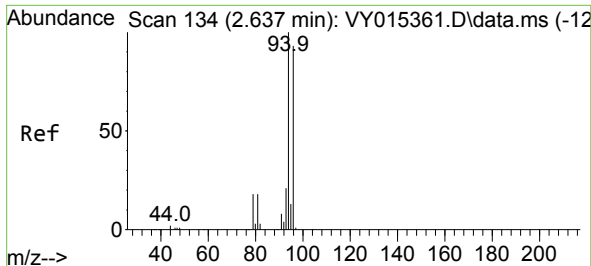
Tgt Ion: 62 Resp: 123481

Ion Ratio Lower Upper

62 100

64 31.8 24.3 36.5

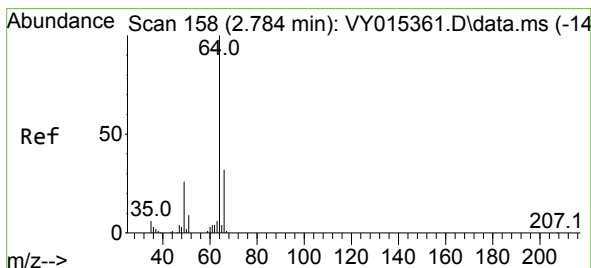
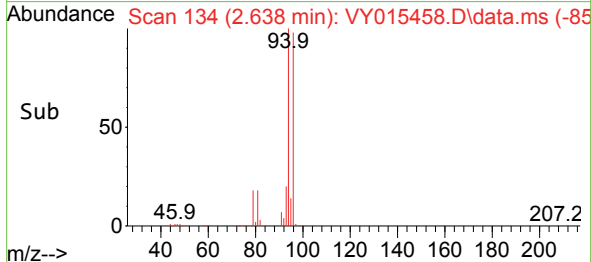
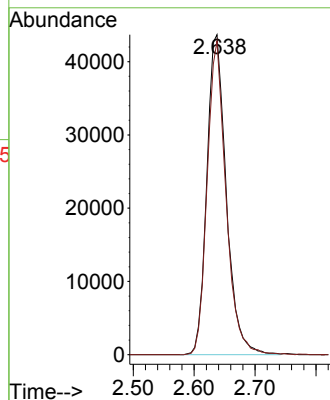
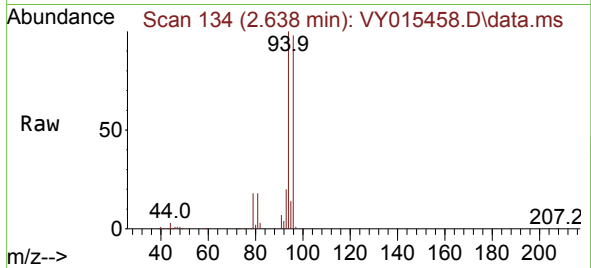




#5  
Bromomethane  
Concen: 52.207 ug/l  
RT: 2.638 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
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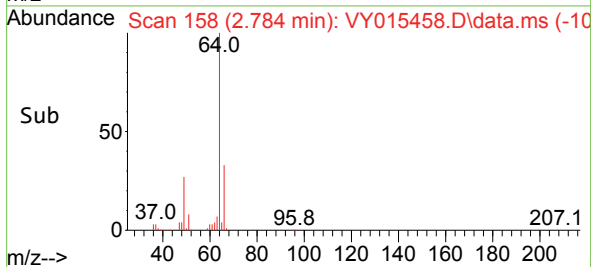
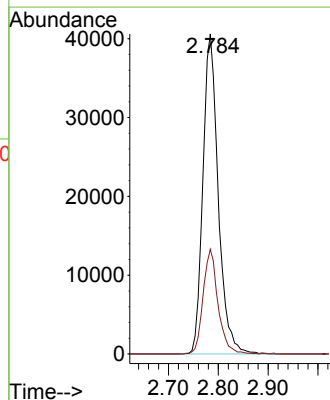
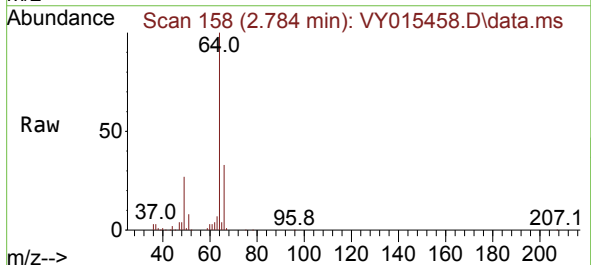
Instrument :  
MSVOA\_Y  
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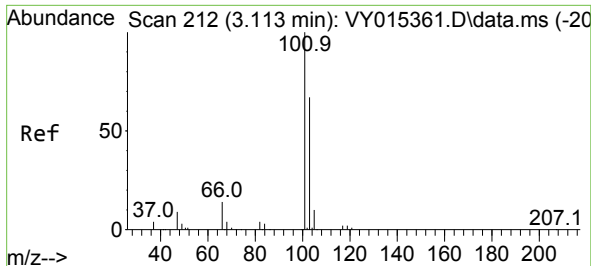
Tgt Ion: 94 Resp: 96993  
Ion Ratio Lower Upper  
94 100  
96 98.0 75.8 113.6



#6  
Chloroethane  
Concen: 50.468 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

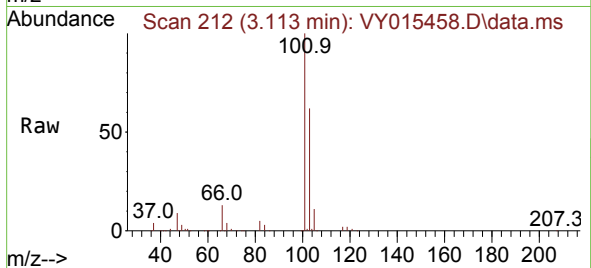
Tgt Ion: 64 Resp: 86615  
Ion Ratio Lower Upper  
64 100  
66 32.7 24.4 36.6



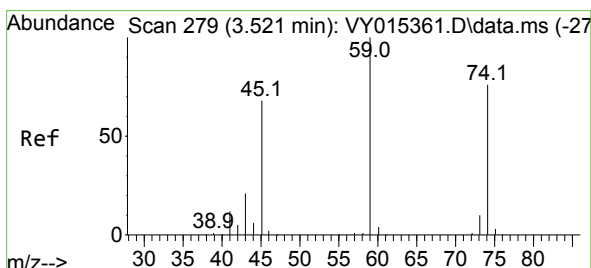
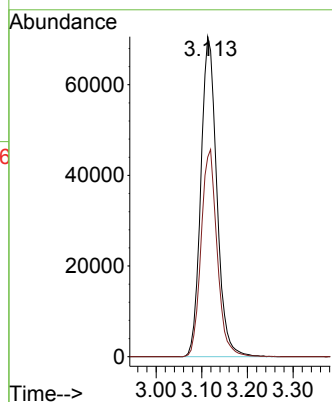
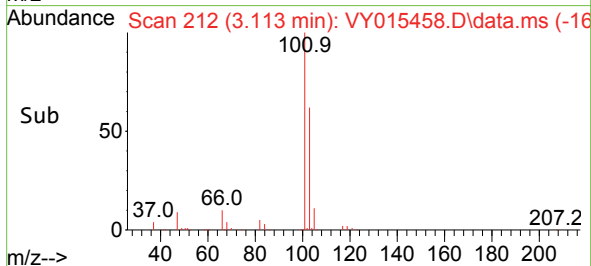


#7  
 Trichlorofluoromethane  
 Concen: 46.340 ug/l  
 RT: 3.113 min Scan# 212  
 Delta R.T. 0.000 min  
 Lab File: VY015458.D  
 Acq: 07 Sep 2023 09:15

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

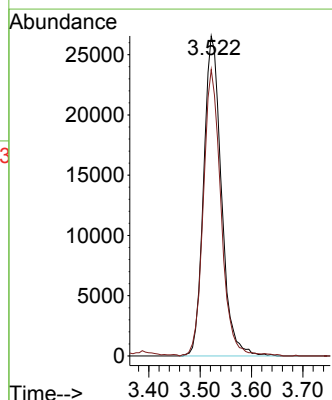
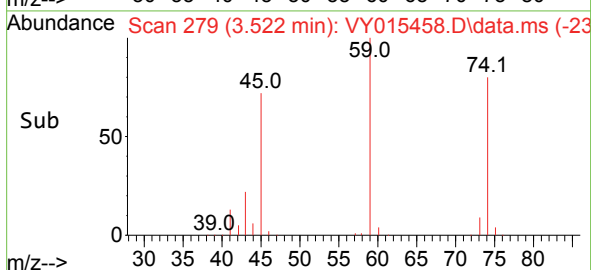
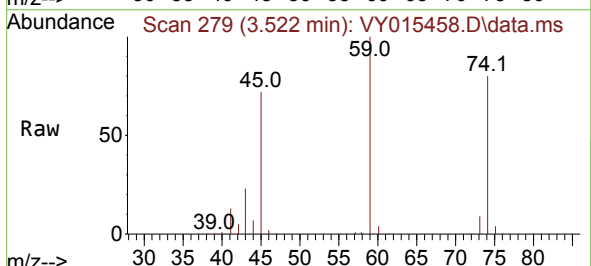


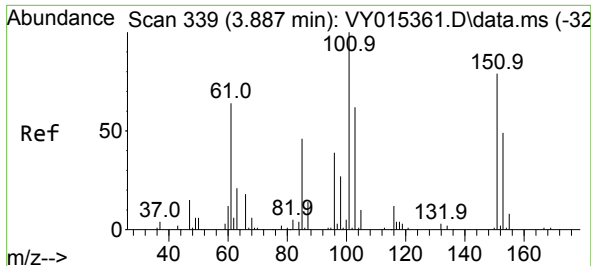
Tgt Ion:101 Resp: 171151  
 Ion Ratio Lower Upper  
 101 100  
 103 62.4 51.4 77.0



#8  
 Diethyl Ether  
 Concen: 50.498 ug/l  
 RT: 3.522 min Scan# 279  
 Delta R.T. 0.000 min  
 Lab File: VY015458.D  
 Acq: 07 Sep 2023 09:15

Tgt Ion: 74 Resp: 63739  
 Ion Ratio Lower Upper  
 74 100  
 45 89.0 51.5 154.5

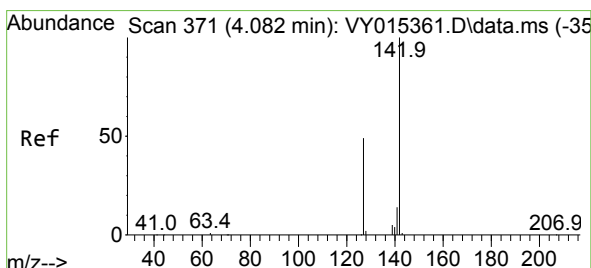
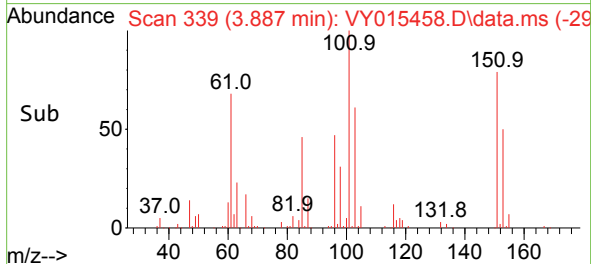
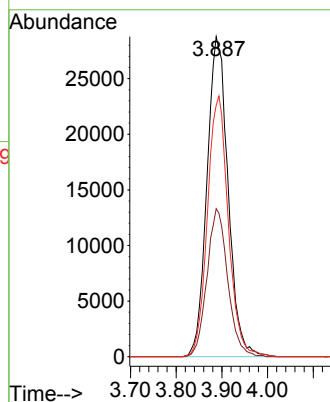
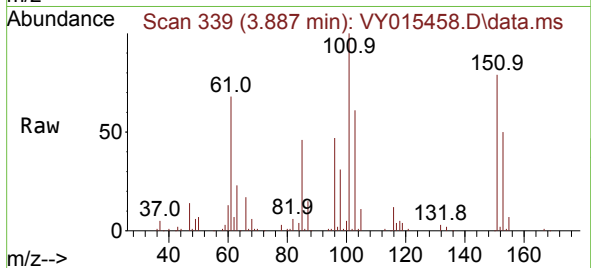




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.025 ug/l  
RT: 3.887 min Scan# 339  
Delta R.T. -0.006 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

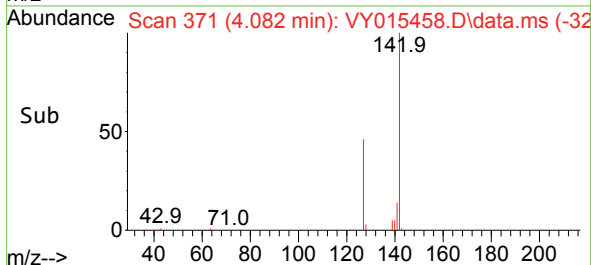
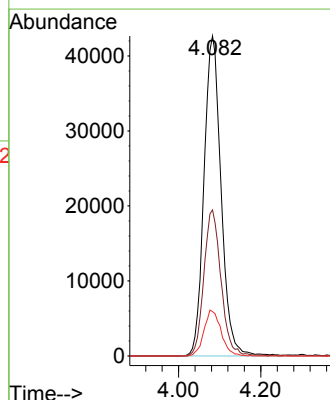
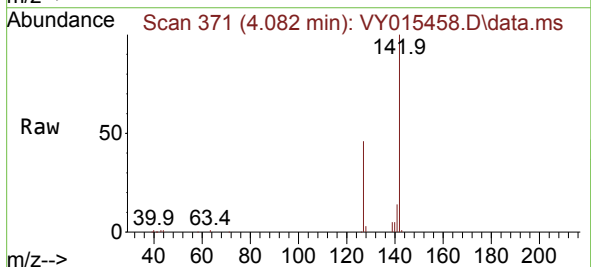
Instrument :  
MSVOA\_Y  
ClientSampleId :

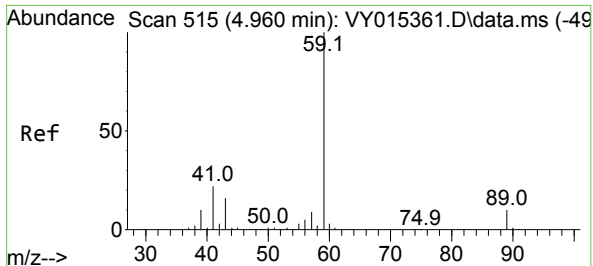
Tgt Ion:101 Resp: 92170  
Ion Ratio Lower Upper  
101 100  
85 45.6 36.6 55.0  
151 80.7 67.0 100.6



#10  
Methyl Iodide  
Concen: 51.167 ug/l  
RT: 4.082 min Scan# 371  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Tgt Ion:142 Resp: 123002  
Ion Ratio Lower Upper  
142 100  
127 45.8 37.6 56.4  
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 205.028 ug/l

RT: 4.948 min Scan# 515

Delta R.T. -0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

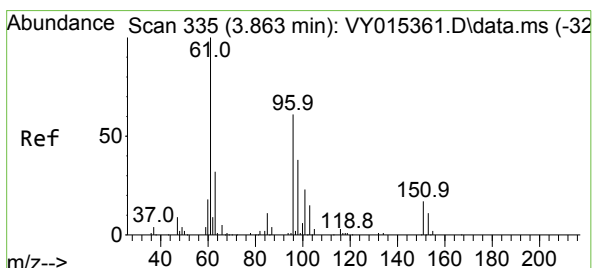
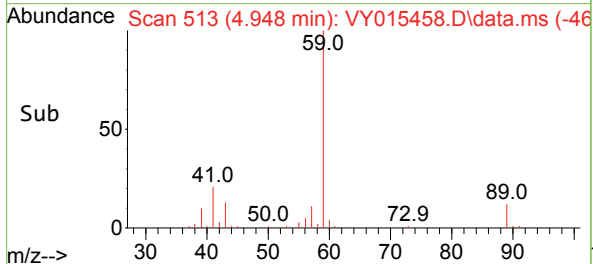
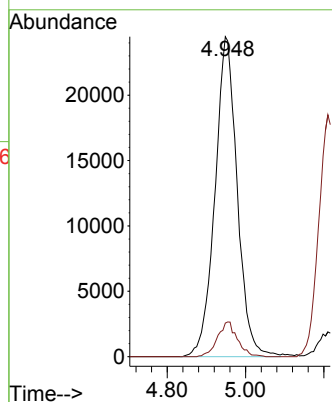
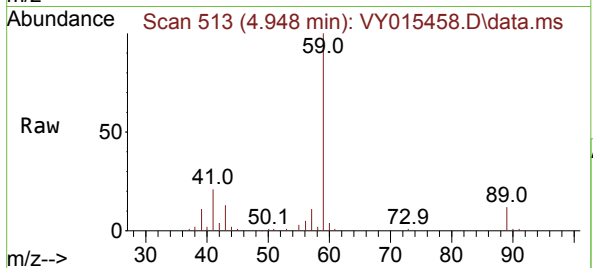
ClientSampleId :

Tgt Ion: 59 Resp: 96532

Ion Ratio Lower Upper

59 100

57 9.7 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 48.426 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

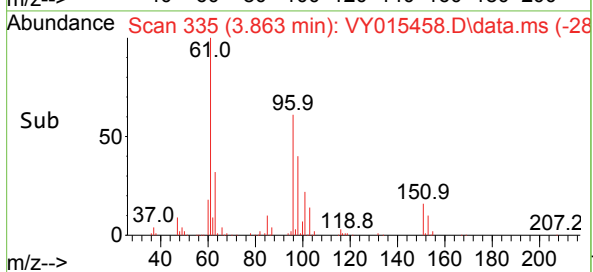
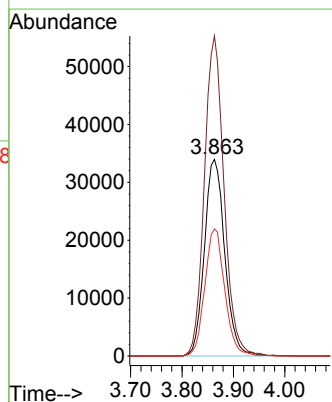
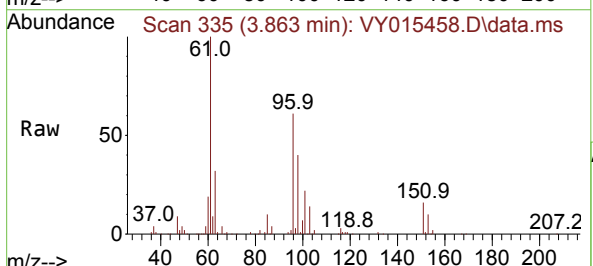
Tgt Ion: 96 Resp: 93541

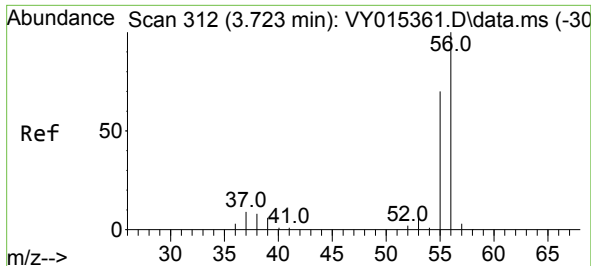
Ion Ratio Lower Upper

96 100

61 162.7 136.4 204.6

98 64.6 49.4 74.2





#13

Acrolein

Concen: 204.866 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

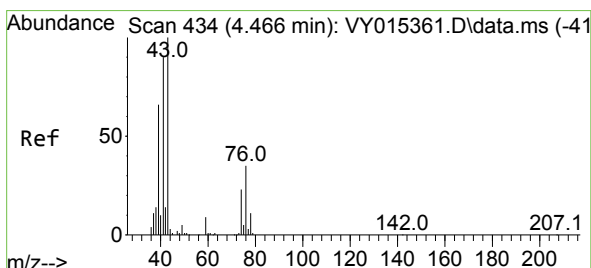
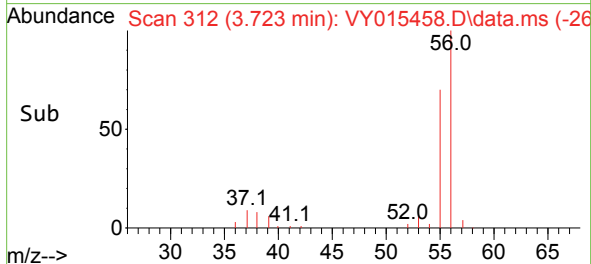
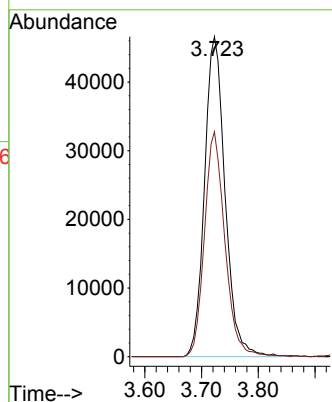
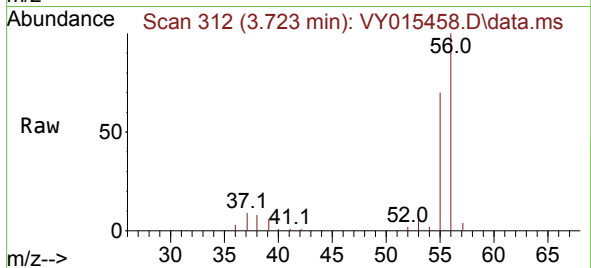
ClientSampleId :

Tgt Ion: 56 Resp: 117280

Ion Ratio Lower Upper

56 100

55 70.0 57.0 85.4



#14

Allyl chloride

Concen: 49.850 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

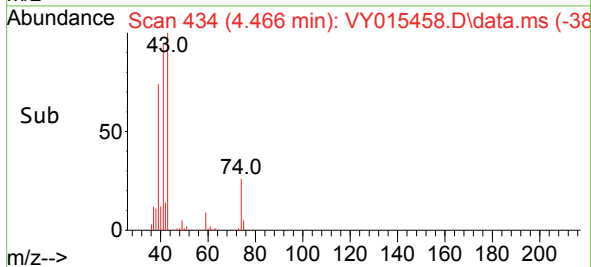
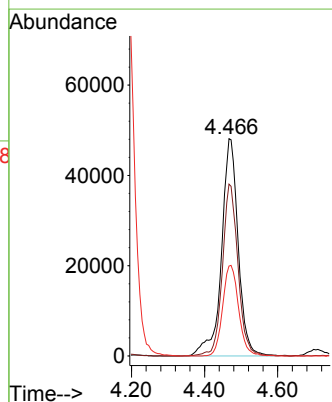
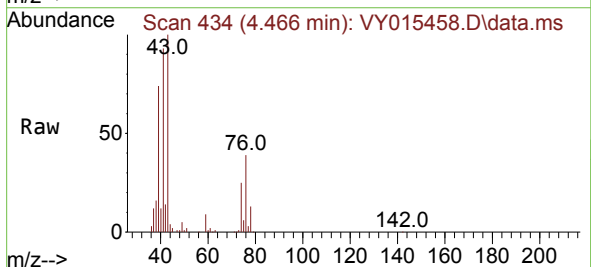
Tgt Ion: 41 Resp: 153313

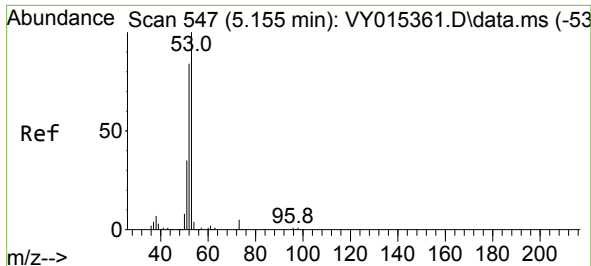
Ion Ratio Lower Upper

41 100

39 73.5 58.0 87.0

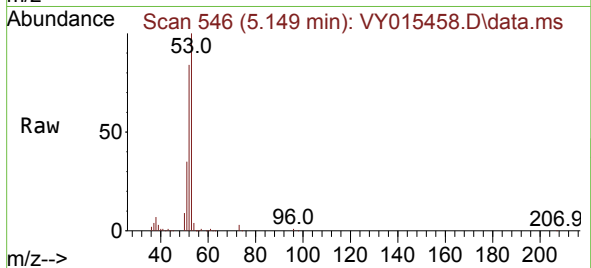
76 39.8 27.4 41.2



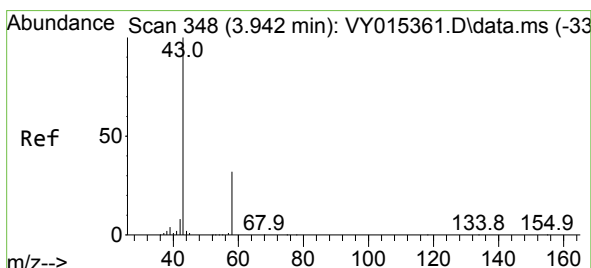
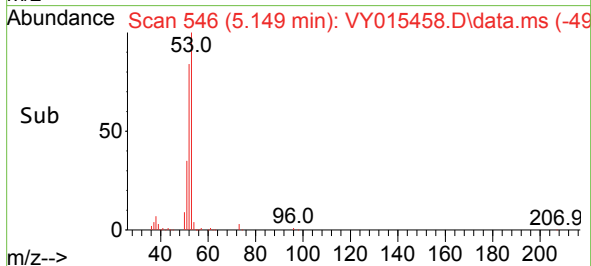
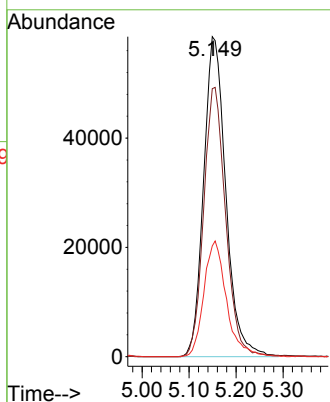


#15  
Acrylonitrile  
Concen: 242.054 ug/l  
RT: 5.149 min Scan# 54  
Delta R.T. -0.012 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

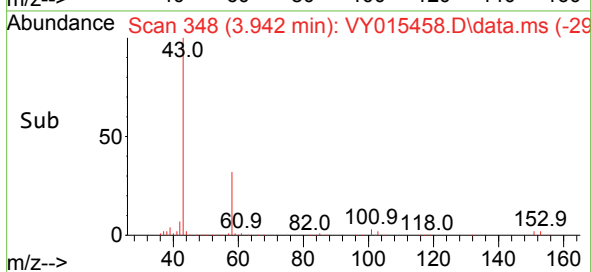
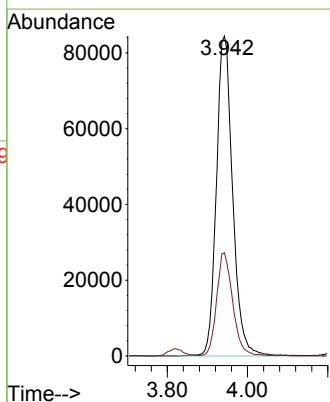
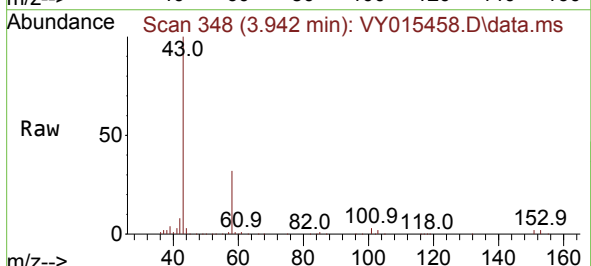


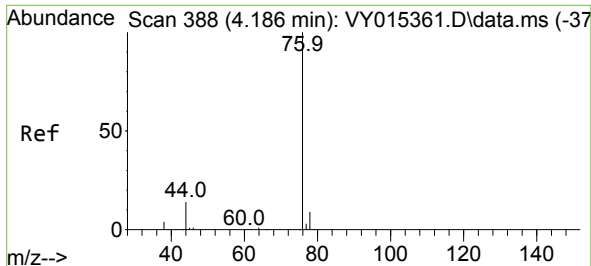
Tgt Ion: 53 Resp: 192252  
Ion Ratio Lower Upper  
53 100  
52 82.9 66.9 100.3  
51 36.8 29.8 44.6



#16  
Acetone  
Concen: 272.672 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Tgt Ion: 43 Resp: 237076  
Ion Ratio Lower Upper  
43 100  
58 32.1 22.7 34.1

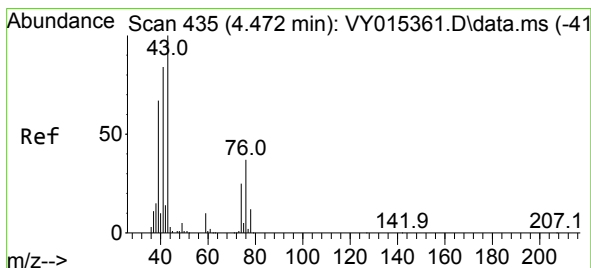
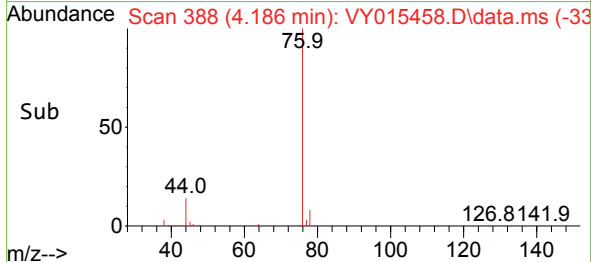
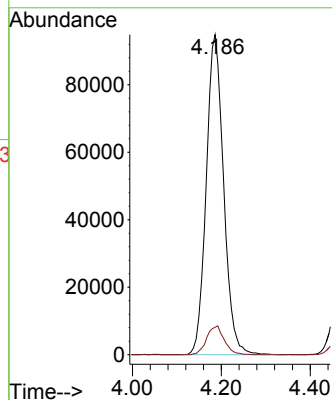
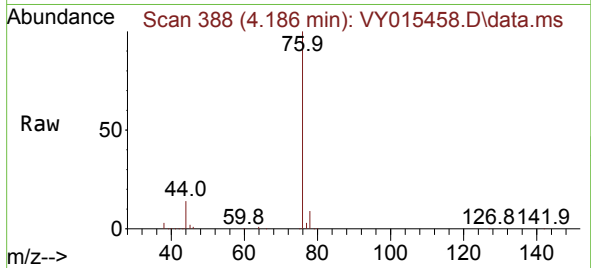




#17  
Carbon Disulfide  
Concen: 44.674 ug/l  
RT: 4.186 min Scan# 388  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

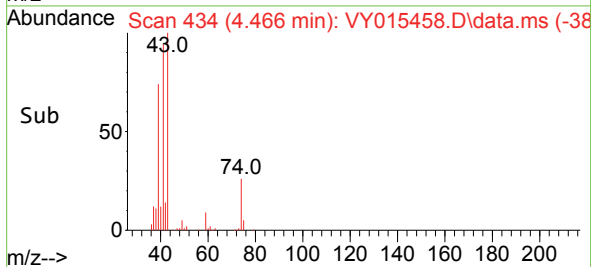
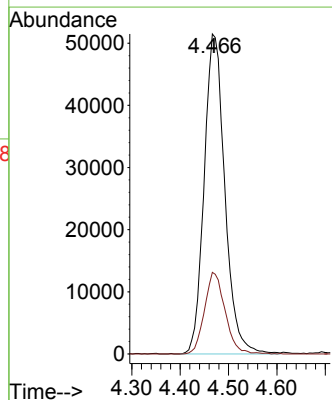
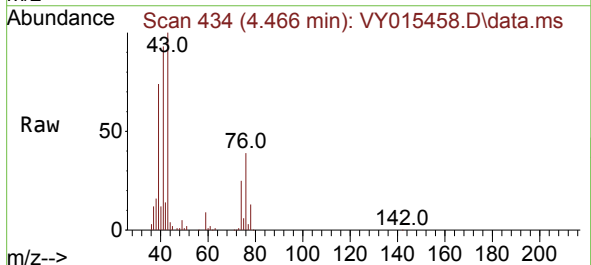
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion: 76 Resp: 257983  
Ion Ratio Lower Upper  
76 100  
78 8.5 7.0 10.4



#18  
Methyl Acetate  
Concen: 48.658 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.006 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Tgt Ion: 43 Resp: 153233  
Ion Ratio Lower Upper  
43 100  
74 25.3 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 51.819 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

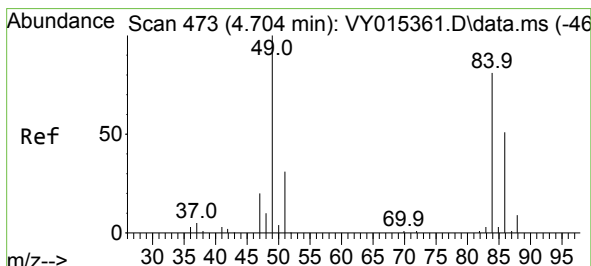
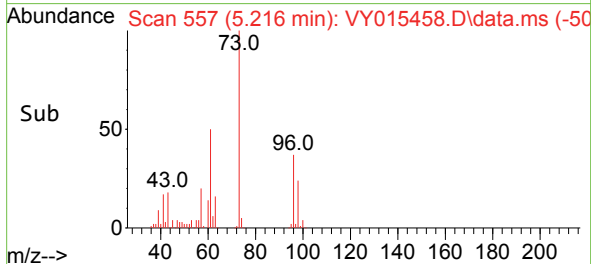
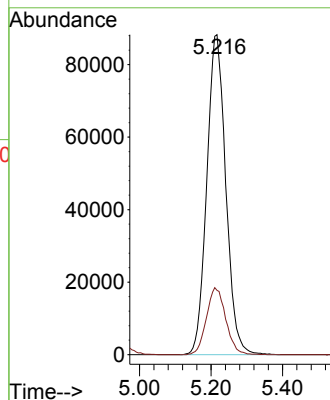
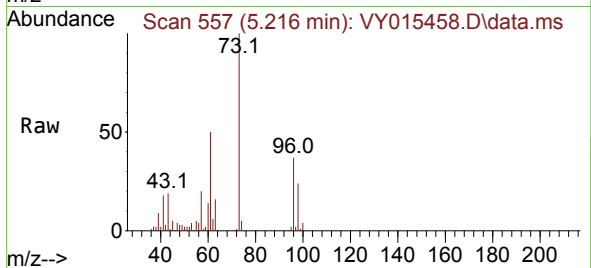
ClientSampleId :

Tgt Ion: 73 Resp: 325325

Ion Ratio Lower Upper

73 100

57 20.1 17.3 25.9



#20

Methylene Chloride

Concen: 42.214 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Tgt Ion: 84 Resp: 121151

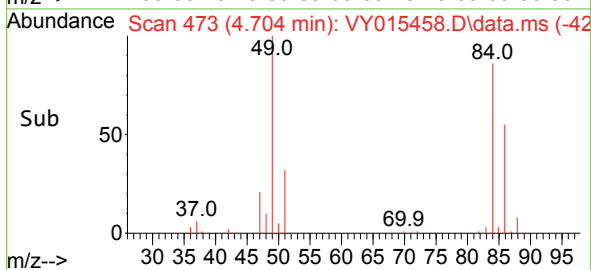
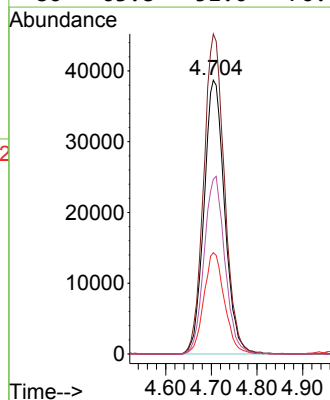
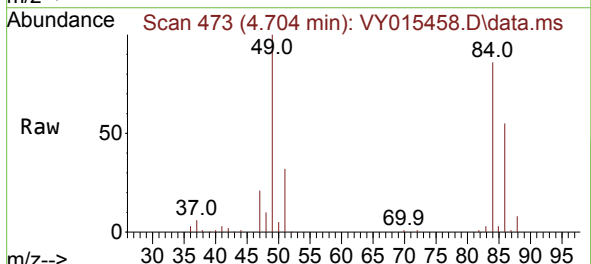
Ion Ratio Lower Upper

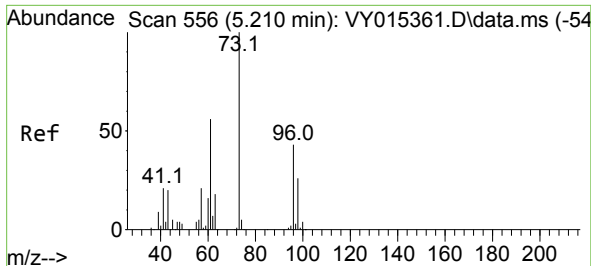
84 100

49 116.9 106.9 160.3

51 37.0 33.2 49.8

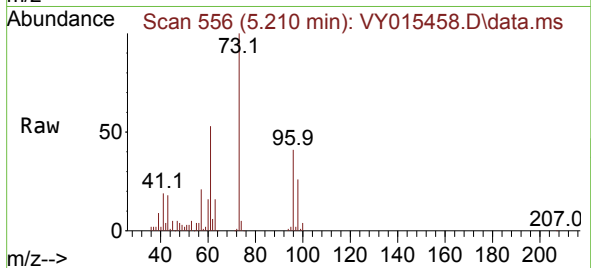
86 63.8 51.0 76.6



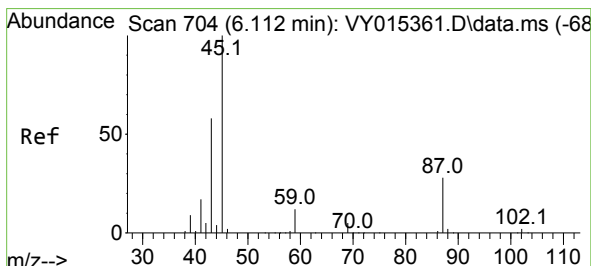
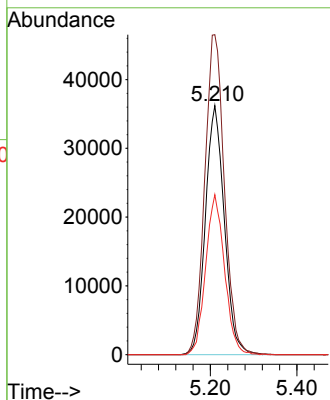
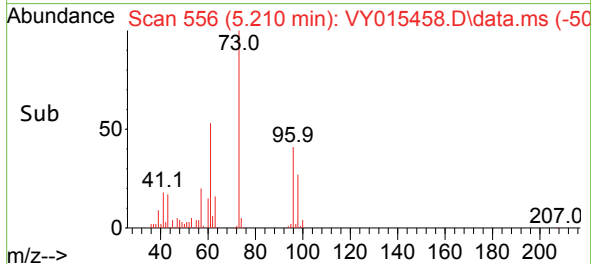


#21  
trans-1,2-Dichloroethene  
Concen: 49.422 ug/l  
RT: 5.210 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

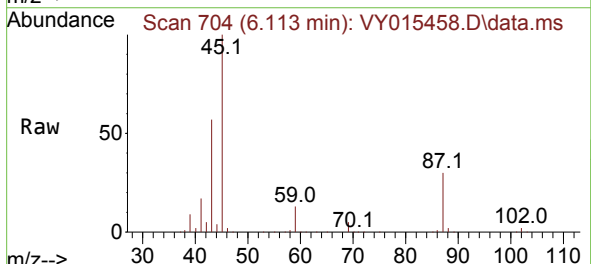
Instrument :  
MSVOA\_Y  
ClientSampleId :



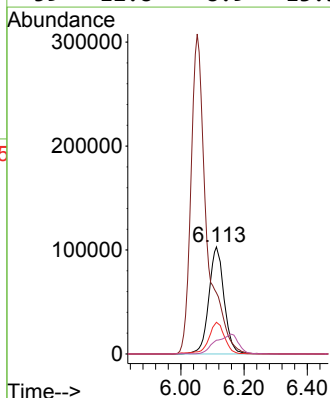
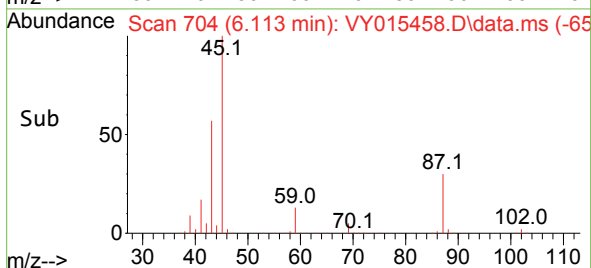
Tgt Ion: 96 Resp: 109931  
Ion Ratio Lower Upper  
96 100  
61 128.5 110.2 165.4  
98 64.2 51.8 77.6

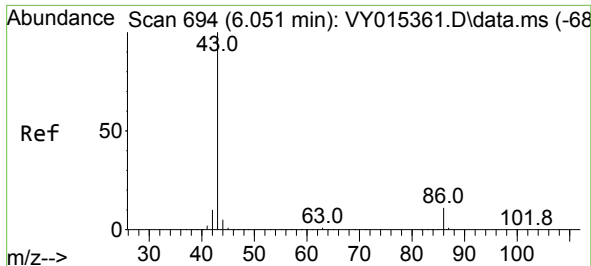


#22  
Diisopropyl ether  
Concen: 51.068 ug/l  
RT: 6.113 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15



Tgt Ion: 45 Resp: 343497  
Ion Ratio Lower Upper  
45 100  
43 57.0 52.2 78.4  
87 29.6 21.0 31.6  
59 12.8 8.9 13.3

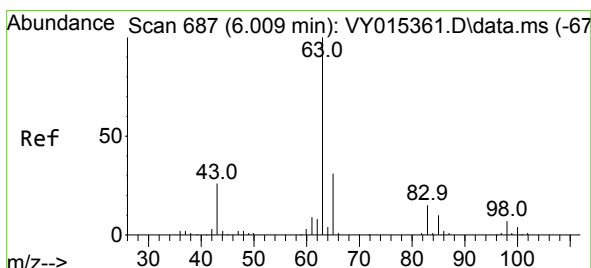
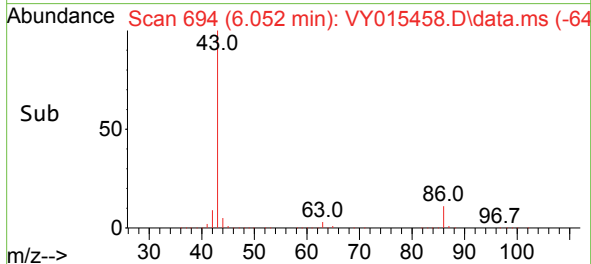
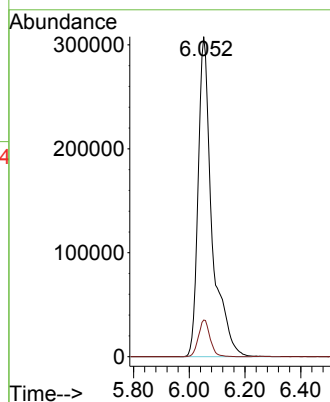
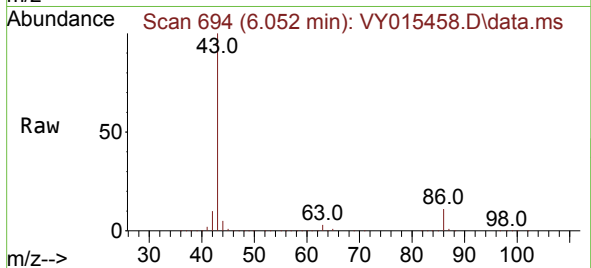




#23  
 Vinyl Acetate  
 Concen: 249.773 ug/l  
 RT: 6.052 min Scan# 694  
 Delta R.T. 0.000 min  
 Lab File: VY015458.D  
 Acq: 07 Sep 2023 09:15

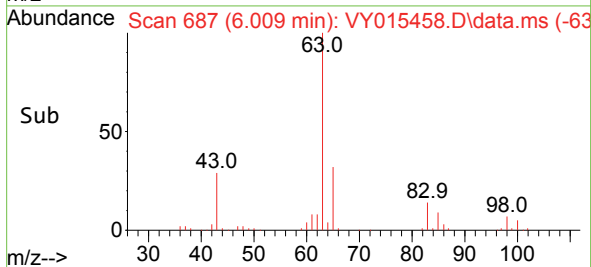
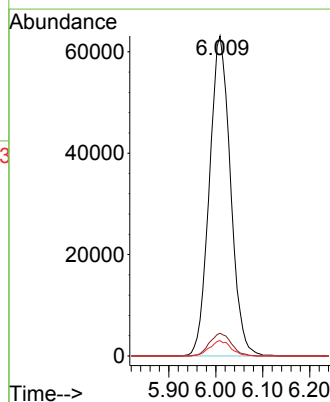
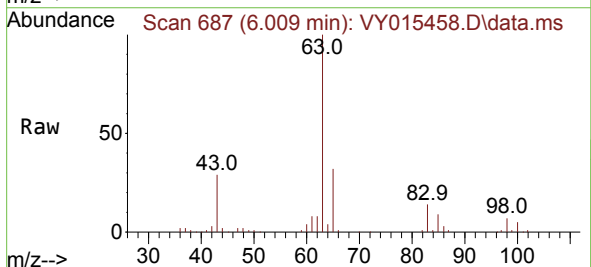
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

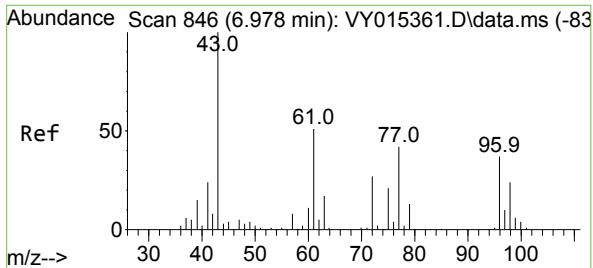
Tgt Ion: 43 Resp: 1060752  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 7.5 11.3#



#24  
 1,1-Dichloroethane  
 Concen: 50.577 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. 0.006 min  
 Lab File: VY015458.D  
 Acq: 07 Sep 2023 09:15

Tgt Ion: 63 Resp: 196659  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.1 9.4  
 100 4.8 1.8 5.5

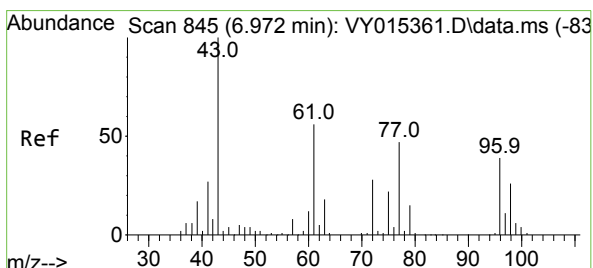
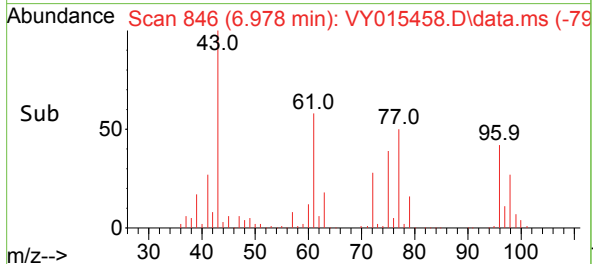
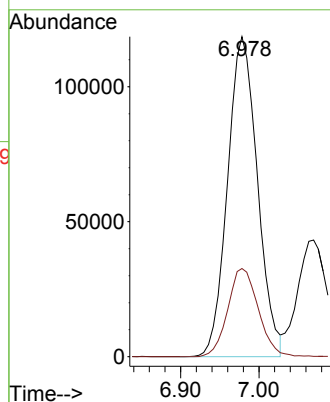
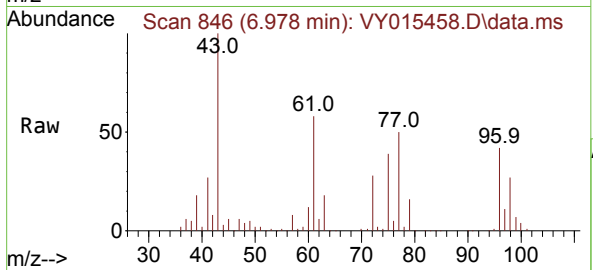




#25  
2-Butanone  
Concen: 255.079 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

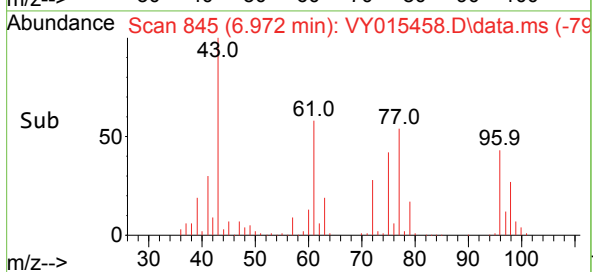
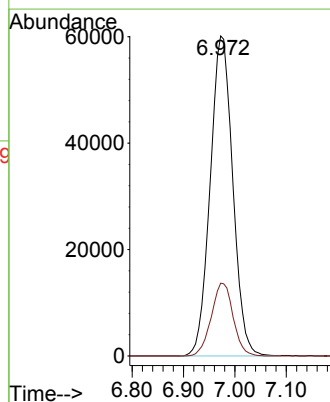
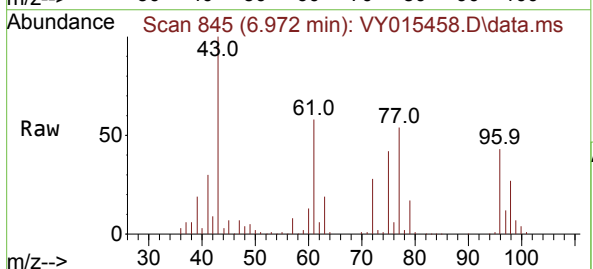
Instrument :  
MSVOA\_Y  
ClientSampleId :

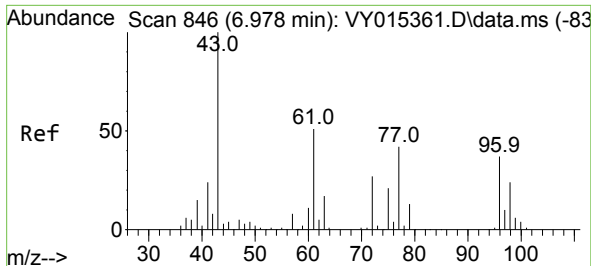
Tgt Ion: 43 Resp: 314557  
Ion Ratio Lower Upper  
43 100  
72 27.6 20.5 30.7



#26  
2,2-Dichloropropane  
Concen: 55.485 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Tgt Ion: 77 Resp: 183242  
Ion Ratio Lower Upper  
77 100  
97 22.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.433 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

ClientSampleId :

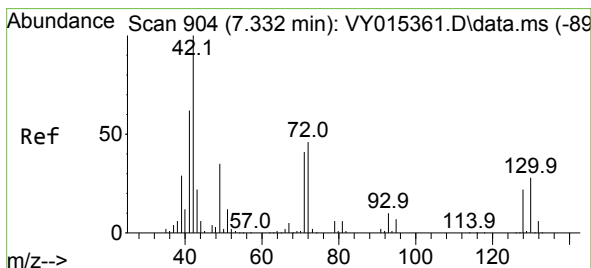
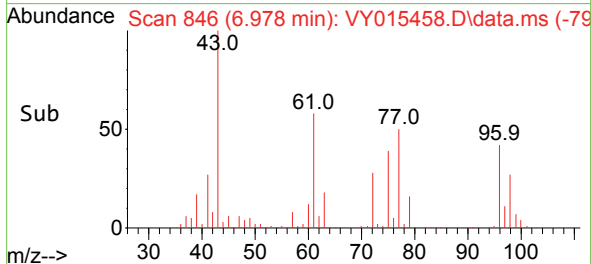
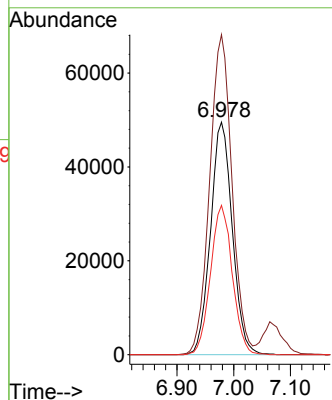
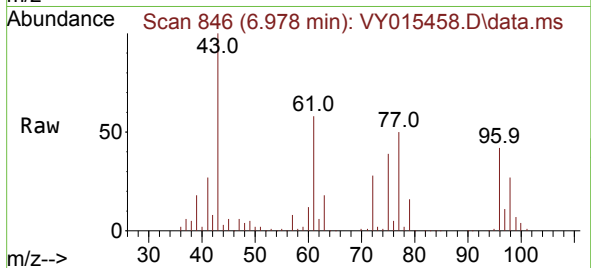
Tgt Ion: 96 Resp: 132309

Ion Ratio Lower Upper

96 100

61 140.7 0.0 301.4

98 64.3 0.0 130.4



#28

Bromochloromethane

Concen: 43.946 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

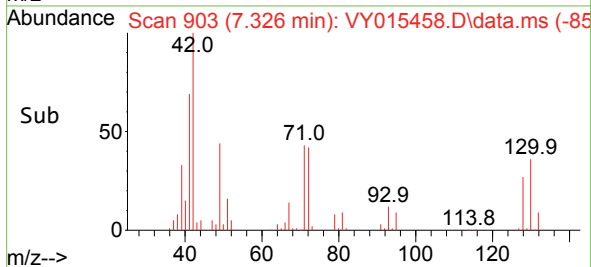
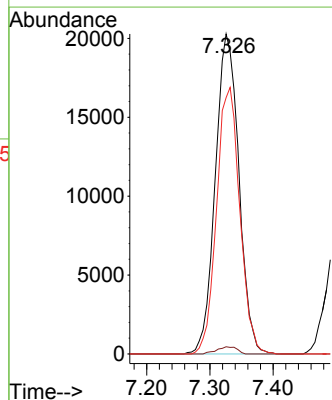
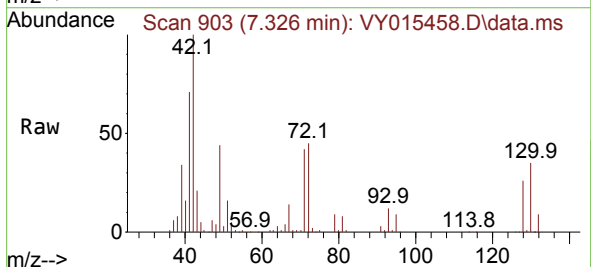
Tgt Ion: 49 Resp: 52401

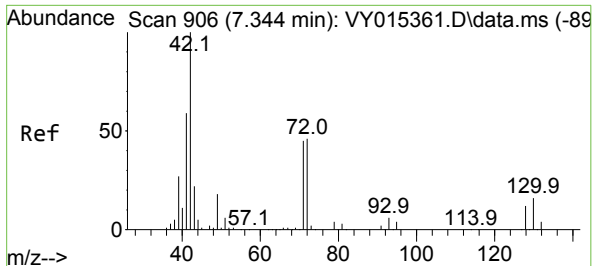
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 82.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 236.230 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

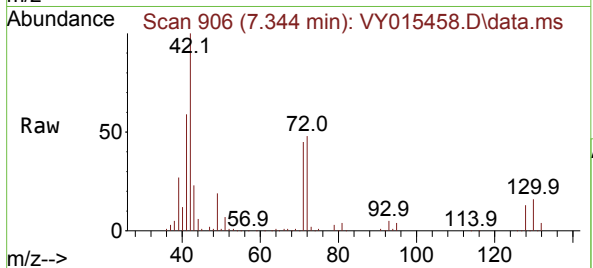
Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

ClientSampleId :



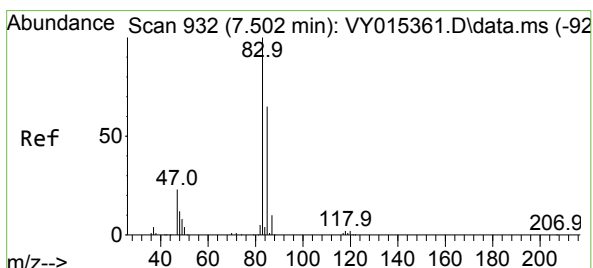
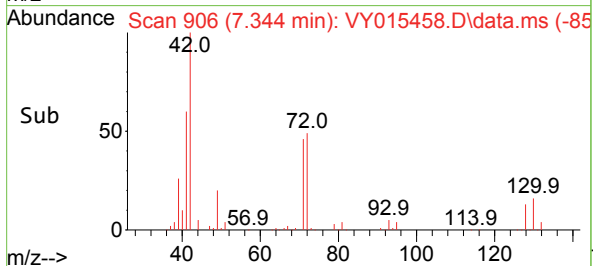
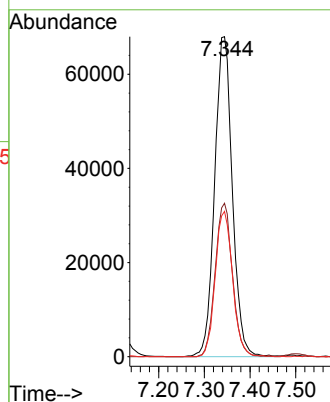
Tgt Ion: 42 Resp: 182937

Ion Ratio Lower Upper

42 100

72 46.9 32.8 49.2

71 44.6 31.0 46.4



#30

Chloroform

Concen: 52.598 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY015458.D

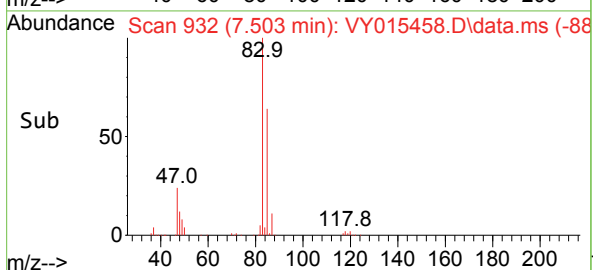
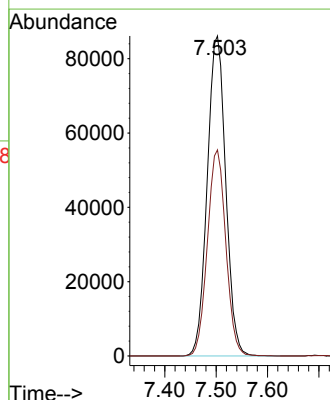
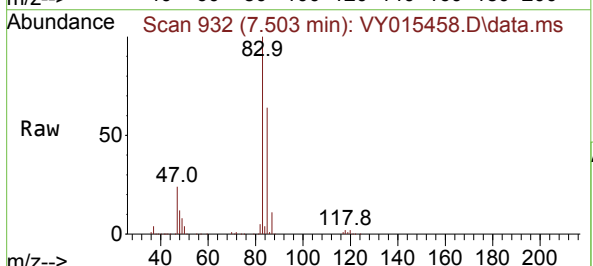
Acq: 07 Sep 2023 09:15

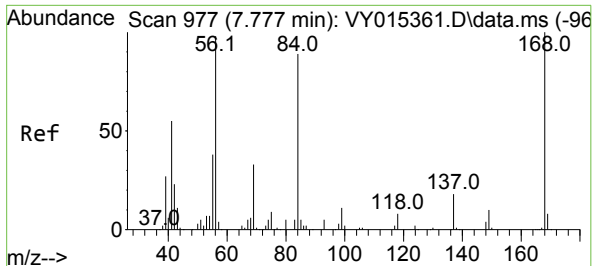
Tgt Ion: 83 Resp: 214996

Ion Ratio Lower Upper

83 100

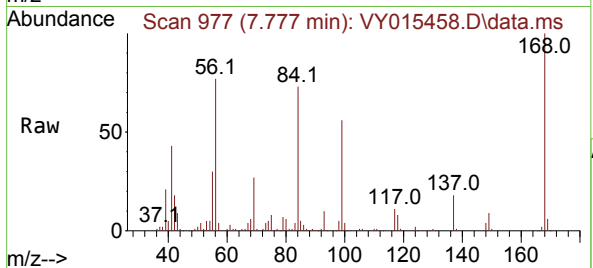
85 64.4 49.7 74.5



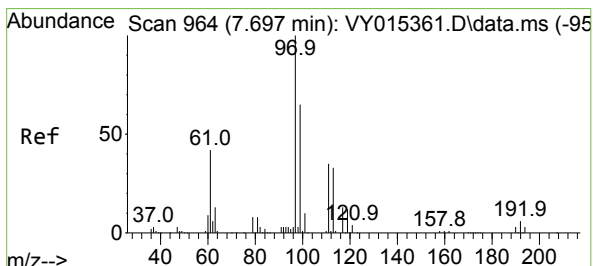
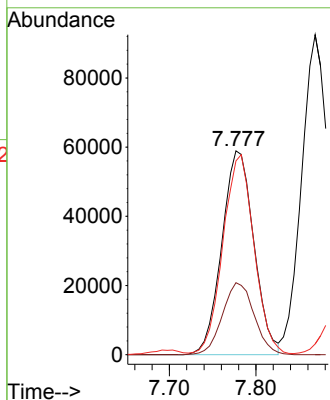
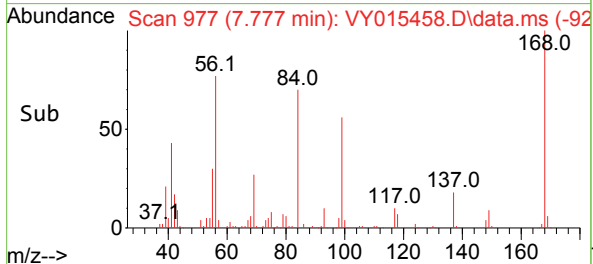


#31  
Cyclohexane  
Concen: 40.929 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

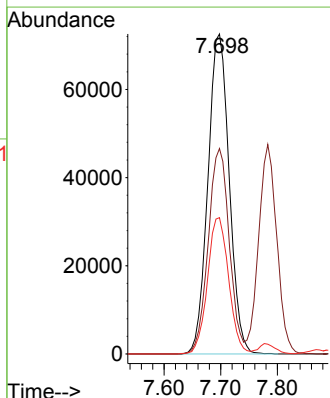
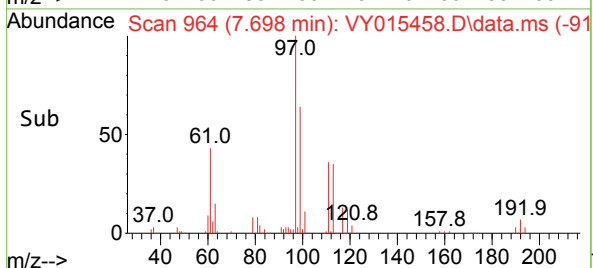
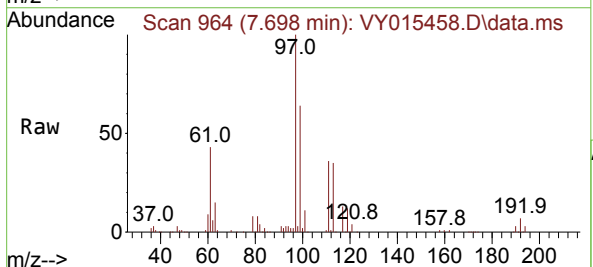


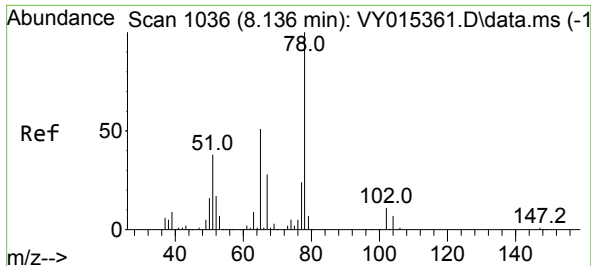
Tgt Ion: 56 Resp: 151447  
Ion Ratio Lower Upper  
56 100  
69 35.3 27.8 41.6  
84 93.4 66.4 99.6



#32  
1,1,1-Trichloroethane  
Concen: 51.879 ug/l  
RT: 7.698 min Scan# 964  
Delta R.T. 0.006 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Tgt Ion: 97 Resp: 189411  
Ion Ratio Lower Upper  
97 100  
99 63.4 50.8 76.2  
61 42.5 35.1 52.7

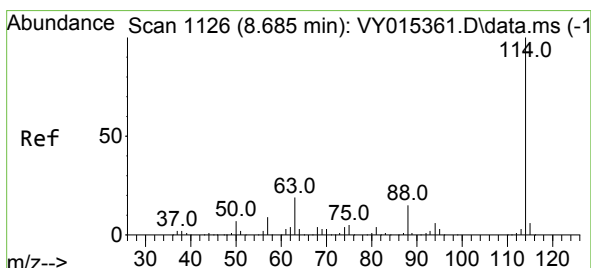
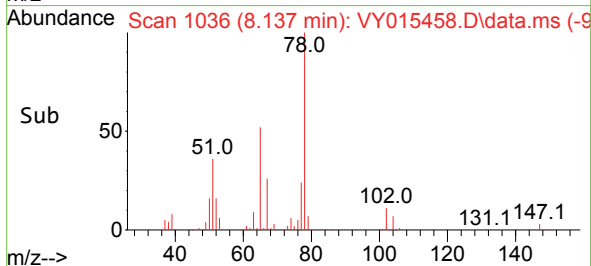
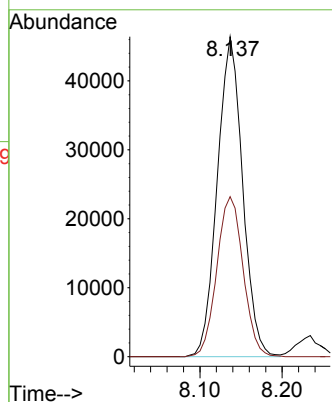
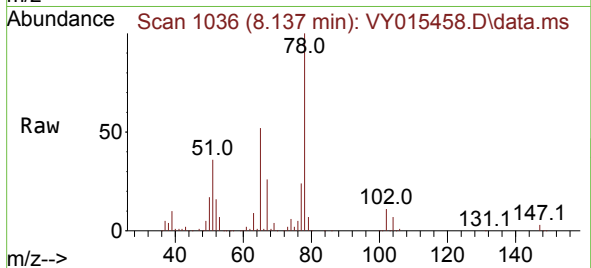




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.739 ug/l  
 RT: 8.137 min Scan# 1036  
 Delta R.T. 0.000 min  
 Lab File: VY015458.D  
 Acq: 07 Sep 2023 09:15

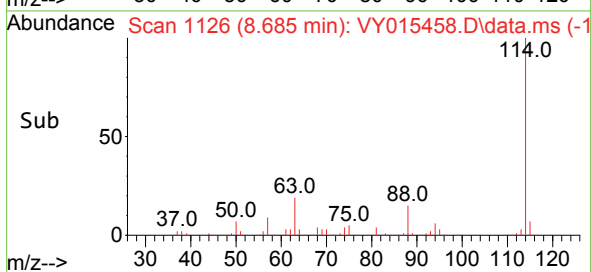
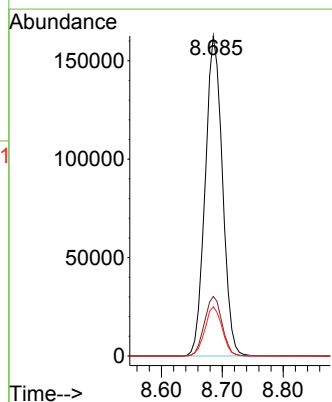
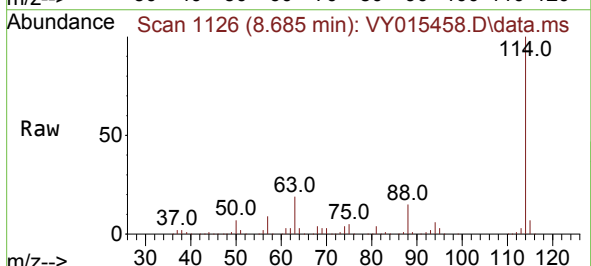
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 65 Resp: 99442  
 Ion Ratio Lower Upper  
 65 100  
 67 51.9 0.0 101.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.685 min Scan# 1126  
 Delta R.T. 0.000 min  
 Lab File: VY015458.D  
 Acq: 07 Sep 2023 09:15

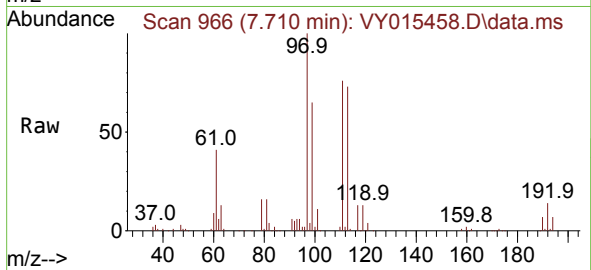
Tgt Ion: 114 Resp: 319442  
 Ion Ratio Lower Upper  
 114 100  
 63 18.6 0.0 42.4  
 88 15.4 0.0 30.6



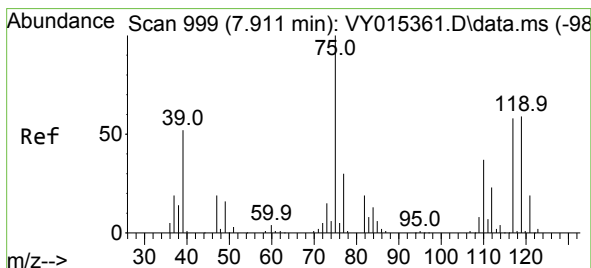
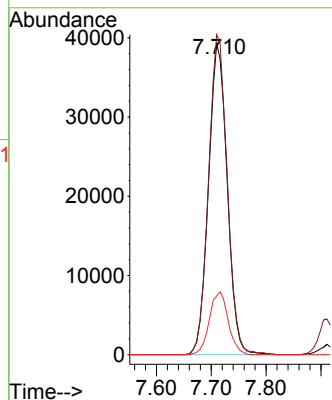
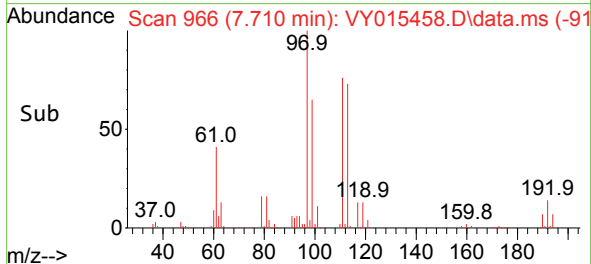


#35  
Dibromofluoromethane  
Concen: 50.473 ug/l  
RT: 7.710 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

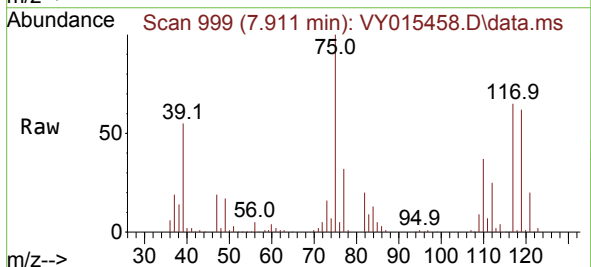
Instrument :  
MSVOA\_Y  
ClientSampleId :



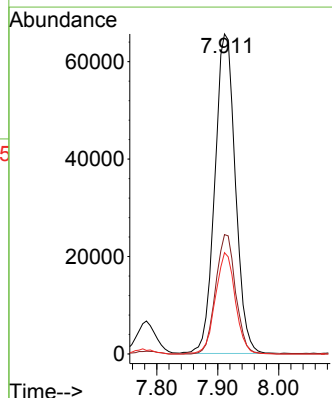
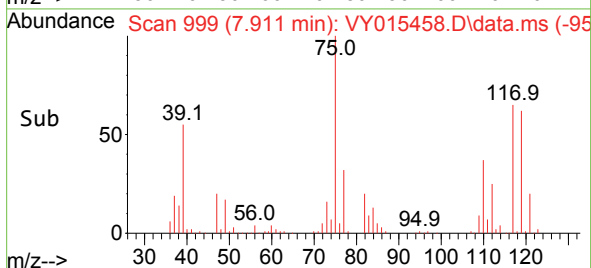
Tgt Ion:113 Resp: 92866  
Ion Ratio Lower Upper  
113 100  
111 103.1 81.3 121.9  
192 20.4 16.9 25.3

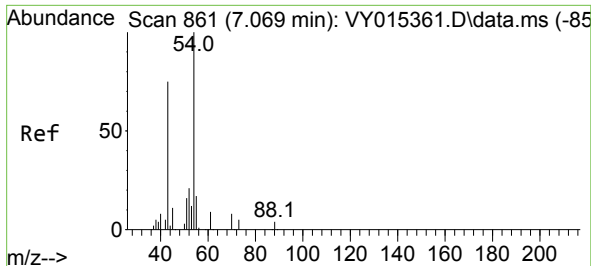


#36  
1,1-Dichloropropene  
Concen: 47.589 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15



Tgt Ion: 75 Resp: 153744  
Ion Ratio Lower Upper  
75 100  
110 36.3 17.8 53.5  
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 47.726 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

ClientSampleId :

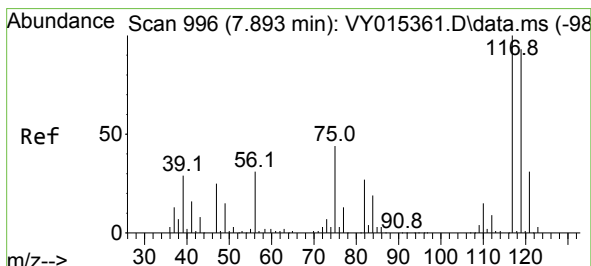
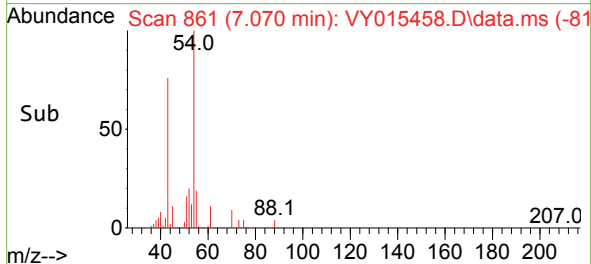
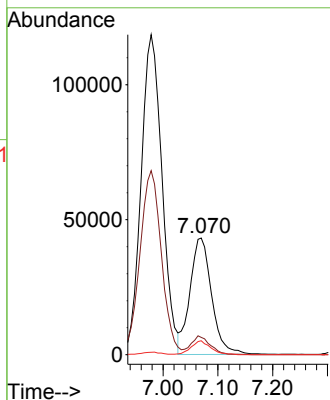
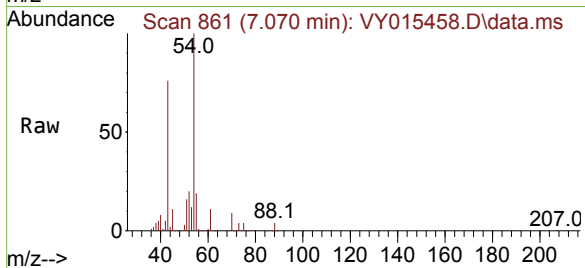
Tgt Ion: 43 Resp: 118916

Ion Ratio Lower Upper

43 100

61 14.5 10.1 15.1

70 10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 50.229 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

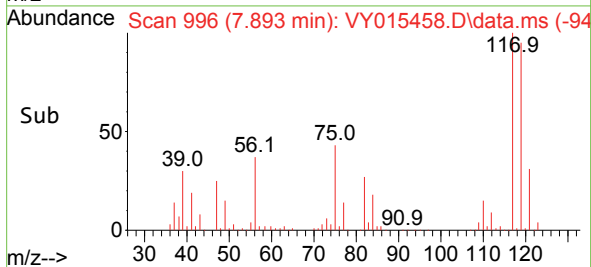
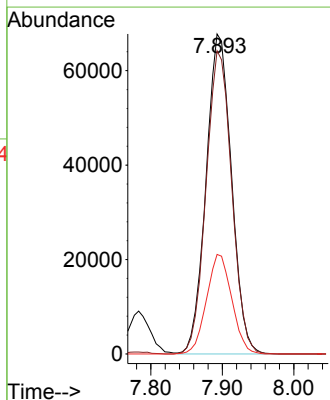
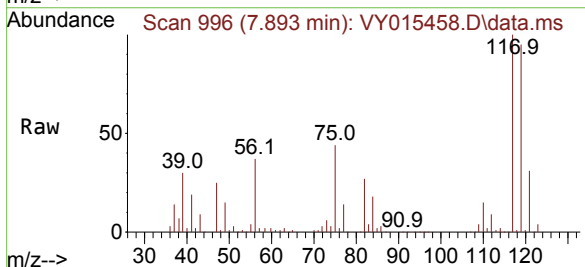
Tgt Ion: 117 Resp: 167600

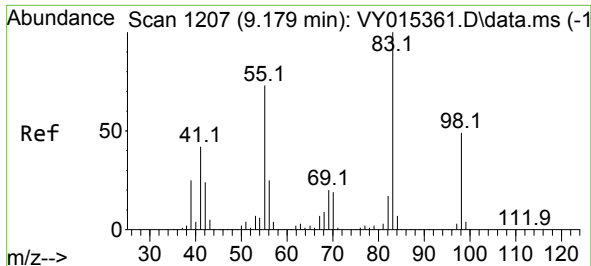
Ion Ratio Lower Upper

117 100

119 94.8 76.4 114.6

121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 43.555 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

ClientSampleId :

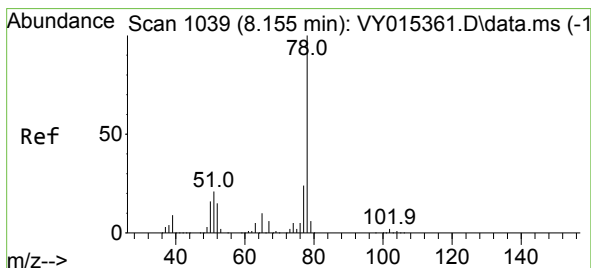
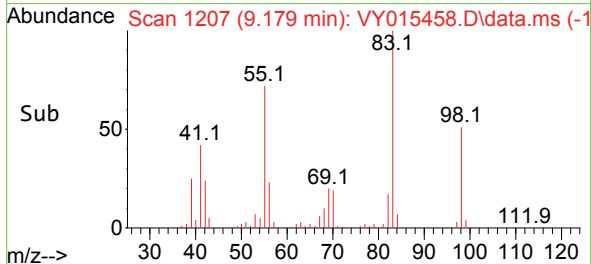
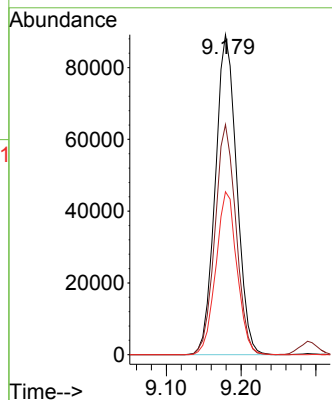
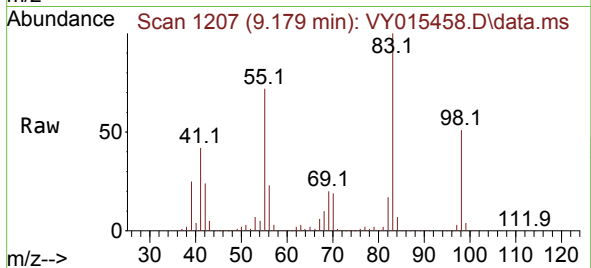
Tgt Ion: 83 Resp: 177150

Ion Ratio Lower Upper

83 100

55 71.9 63.0 94.4

98 50.9 37.4 56.2



#40

Benzene

Concen: 49.929 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015458.D

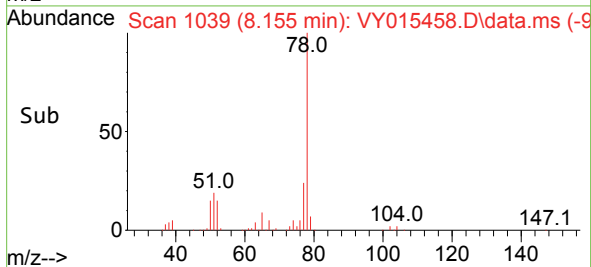
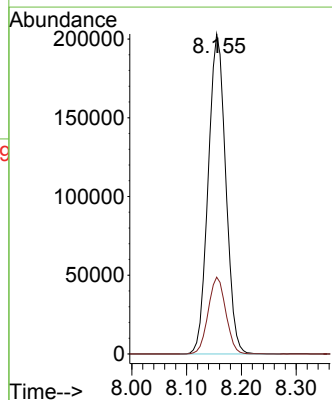
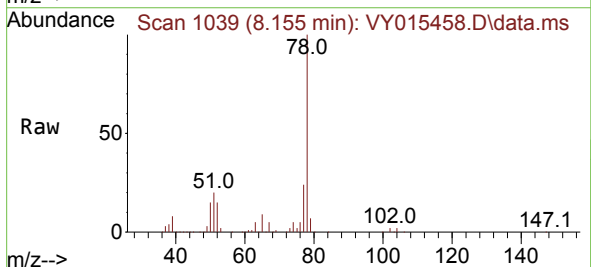
Acq: 07 Sep 2023 09:15

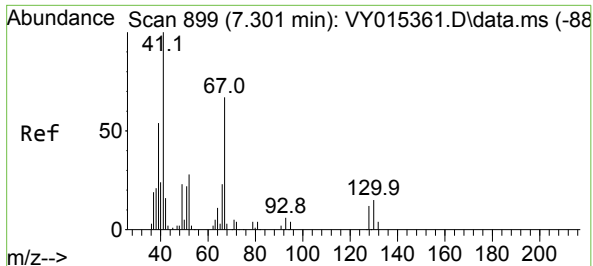
Tgt Ion: 78 Resp: 450039

Ion Ratio Lower Upper

78 100

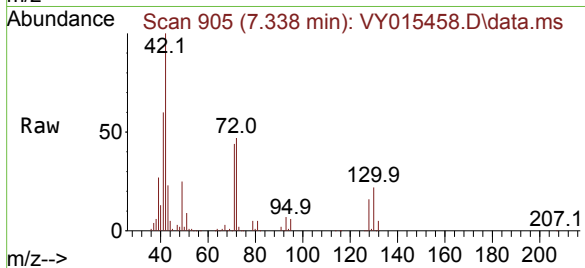
77 24.0 19.0 28.6



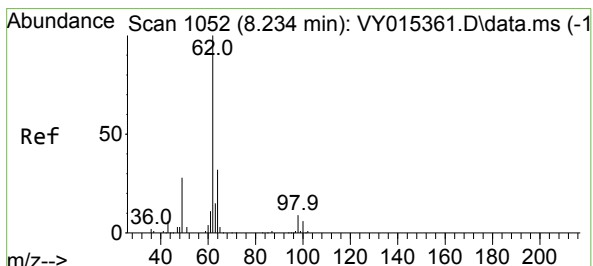
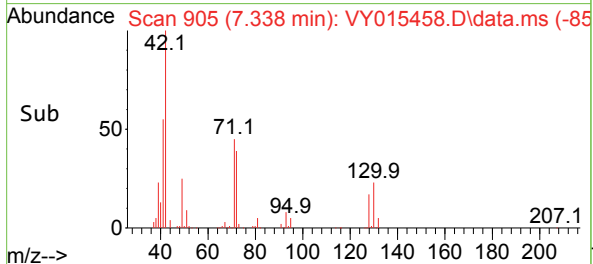
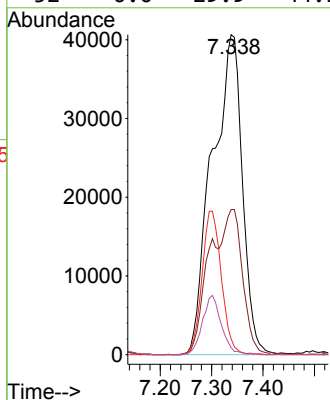


#41  
Methacrylonitrile  
Concen: 141.931 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.025 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

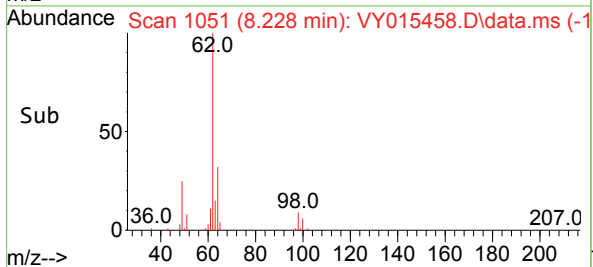
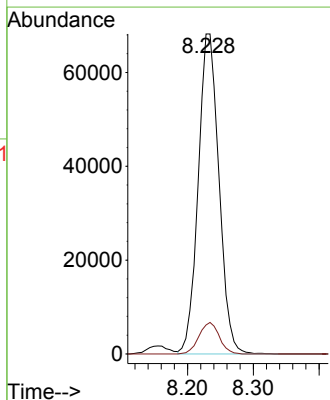
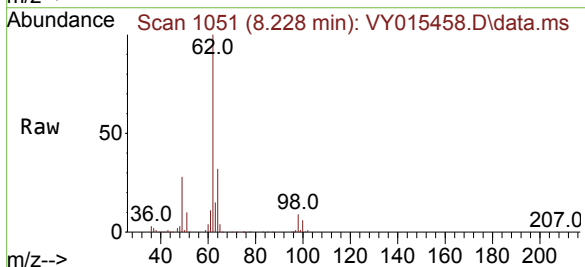


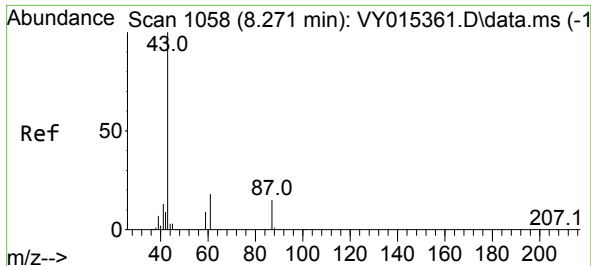
Tgt Ion: 41 Resp: 165838  
Ion Ratio Lower Upper  
41 100  
39 26.8 52.1 78.1#  
67 0.0 66.2 99.2#  
52 0.0 29.9 44.9#



#42  
1,2-Dichloroethane  
Concen: 49.787 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.006 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

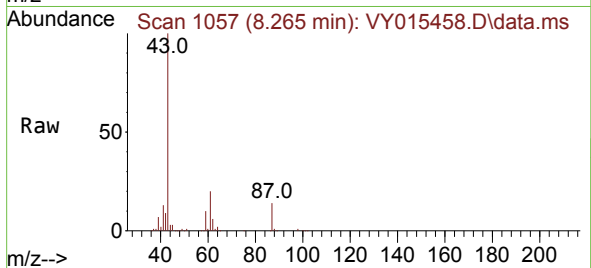
Tgt Ion: 62 Resp: 149640  
Ion Ratio Lower Upper  
62 100  
98 9.6 0.0 15.8



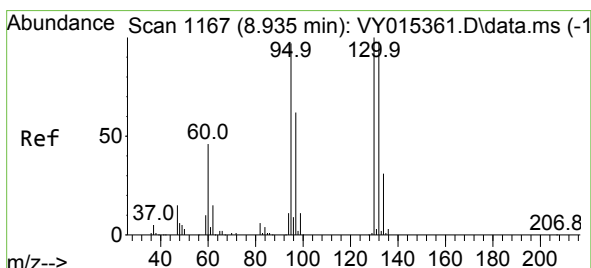
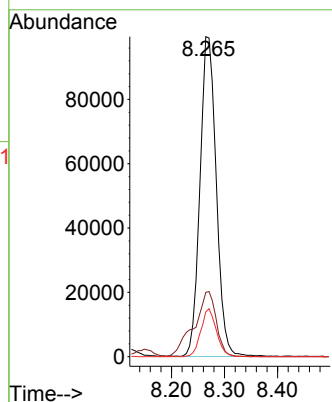
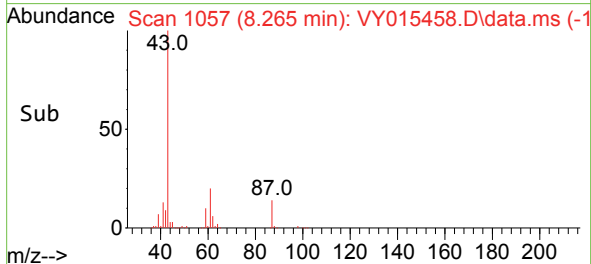


#43  
Isopropyl Acetate  
Concen: 49.236 ug/l  
RT: 8.265 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

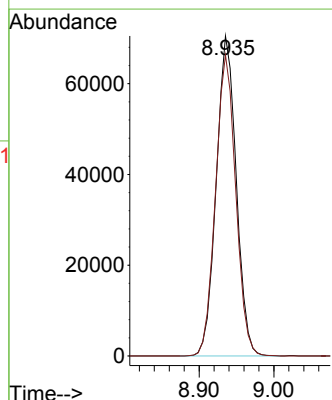
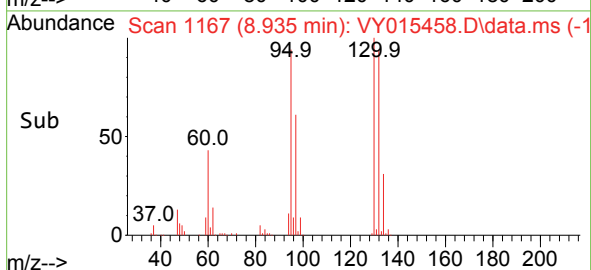
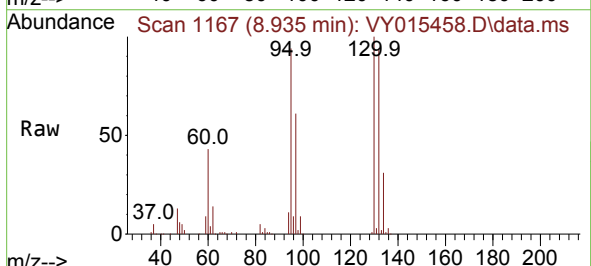


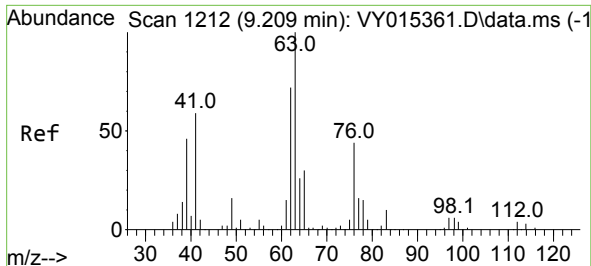
Tgt Ion: 43 Resp: 212139  
Ion Ratio Lower Upper  
43 100  
61 27.9 21.1 31.7  
87 14.3 9.8 14.8



#44  
Trichloroethene  
Concen: 51.489 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Tgt Ion:130 Resp: 131311  
Ion Ratio Lower Upper  
130 100  
95 94.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.964 ug/l

RT: 9.210 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

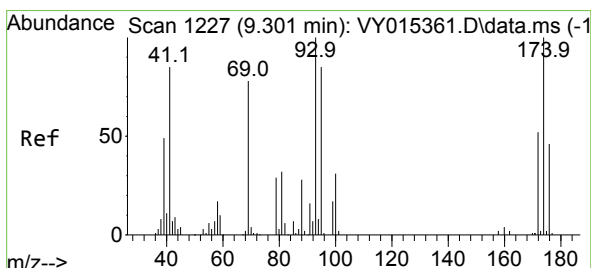
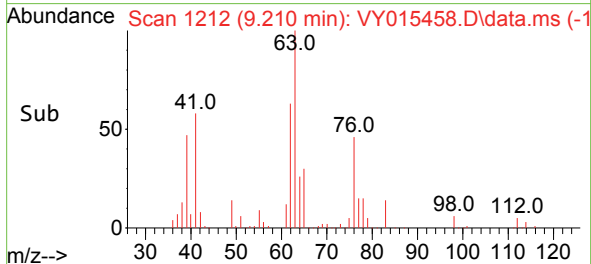
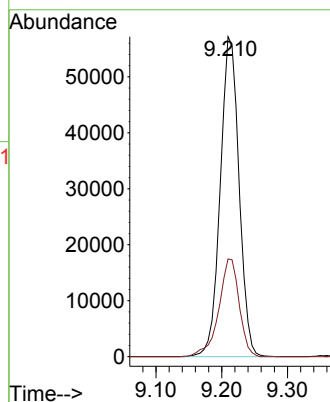
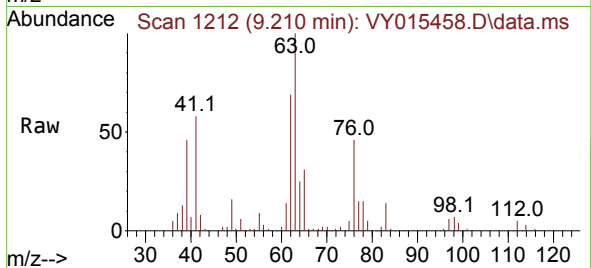
ClientSampleId :

Tgt Ion: 63 Resp: 113529

Ion Ratio Lower Upper

63 100

65 30.6 23.8 35.6



#46

Dibromomethane

Concen: 49.668 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

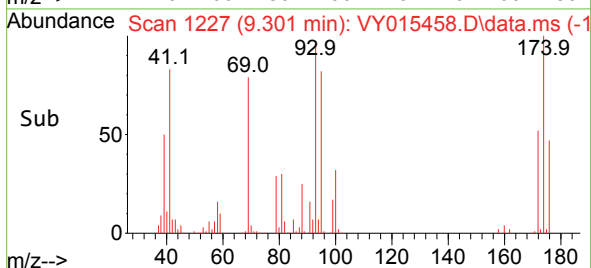
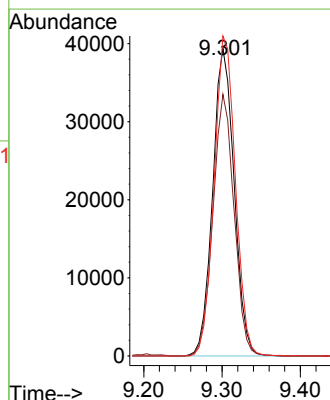
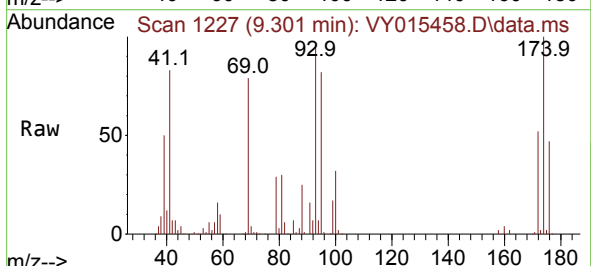
Tgt Ion: 93 Resp: 74966

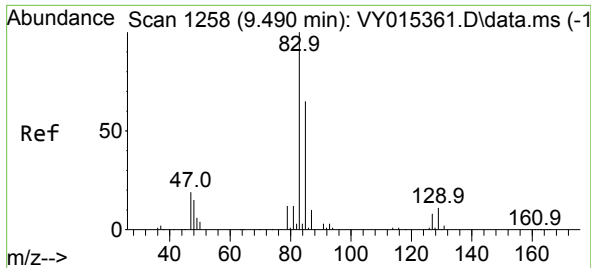
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 103.2 84.8 127.2





#47

Bromodichloromethane

Concen: 52.916 ug/l

RT: 9.496 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

ClientSampleId :

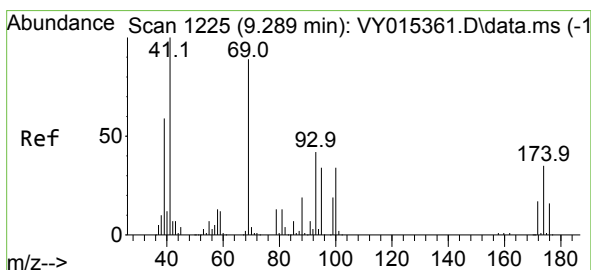
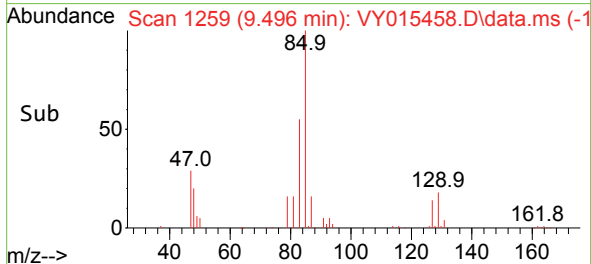
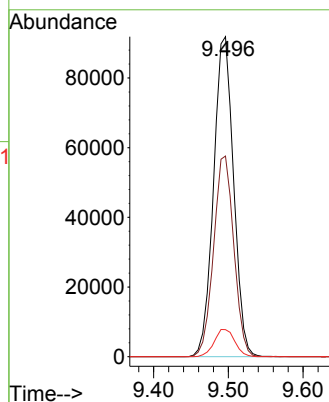
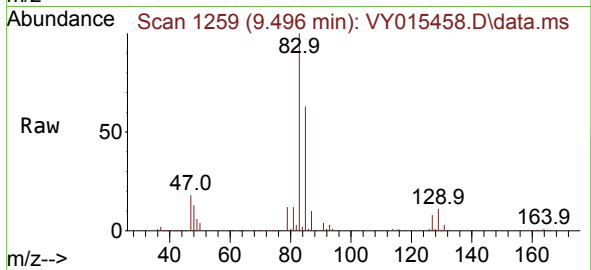
Tgt Ion: 83 Resp: 170801

Ion Ratio Lower Upper

83 100

85 62.7 50.1 75.1

127 8.5 7.1 10.7



#48

Methyl methacrylate

Concen: 47.737 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

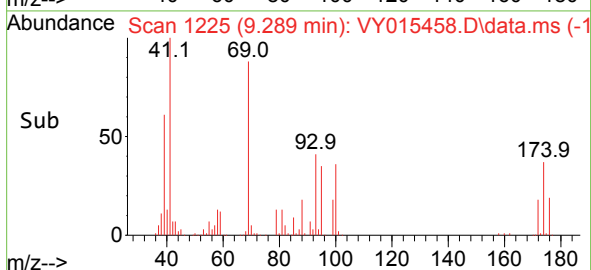
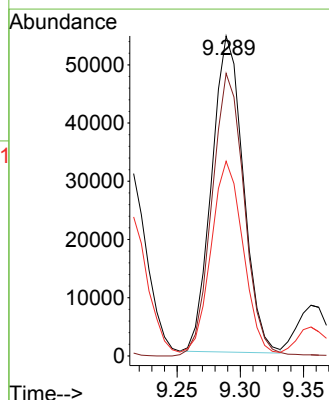
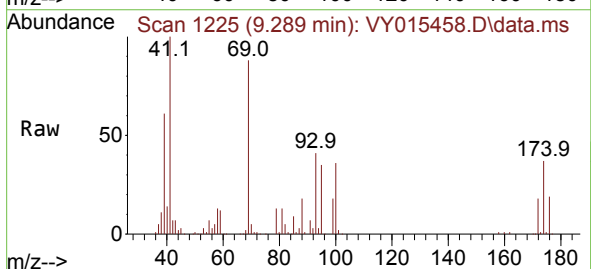
Tgt Ion: 41 Resp: 94370

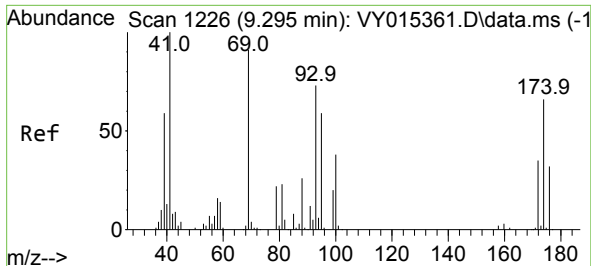
Ion Ratio Lower Upper

41 100

69 91.5 64.5 96.7

39 62.9 50.8 76.2





#49

1,4-Dioxane

Concen: 977.084 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

ClientSampleId :

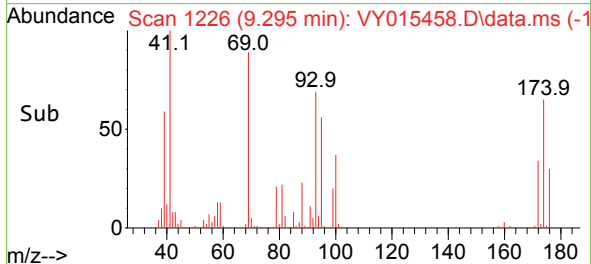
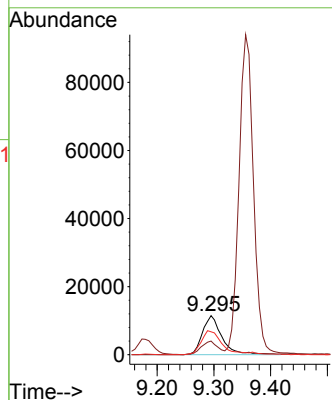
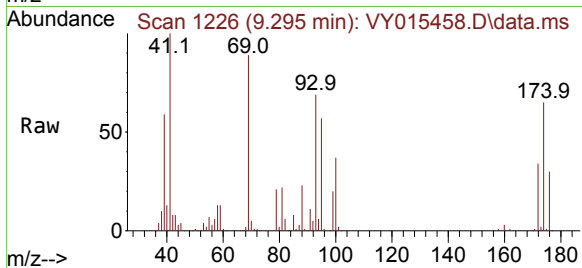
Tgt Ion: 88 Resp: 27393

Ion Ratio Lower Upper

88 100

43 30.0 0.0 0.0#

58 68.8 30.9 46.3#



#50

Toluene-d8

Concen: 48.309 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015458.D

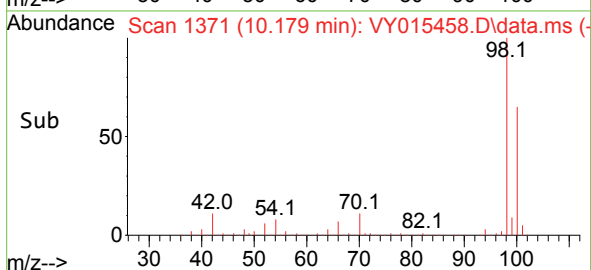
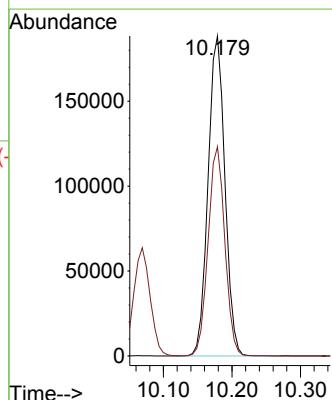
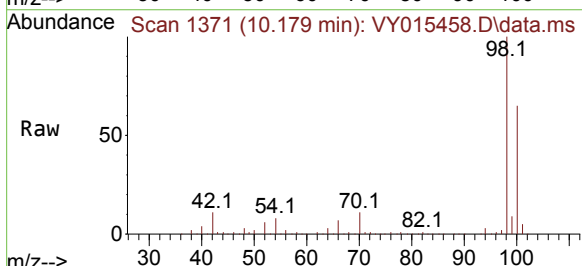
Acq: 07 Sep 2023 09:15

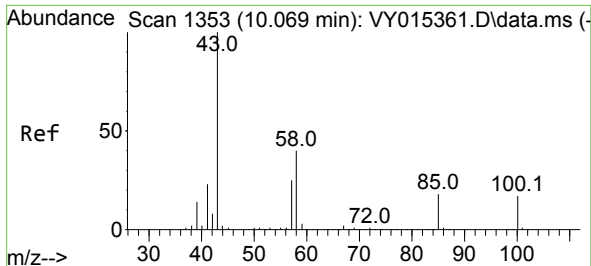
Tgt Ion: 98 Resp: 321882

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1

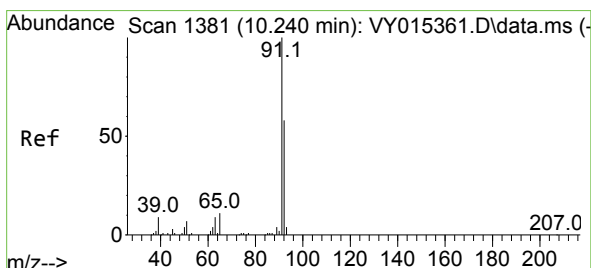
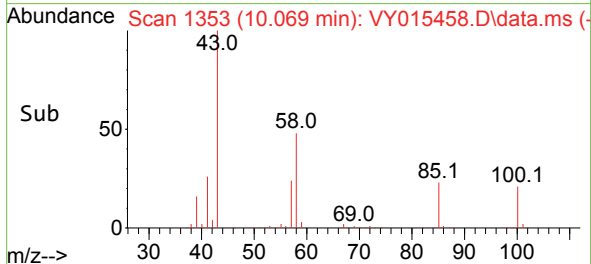
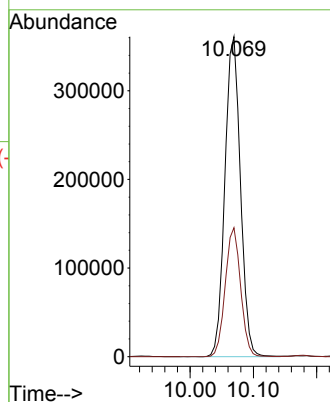
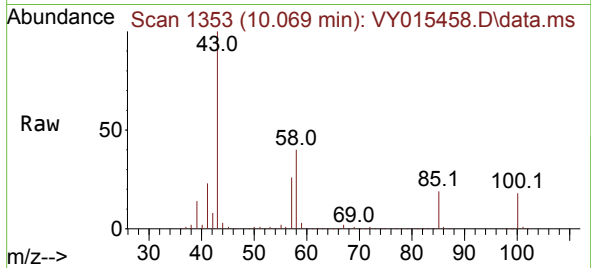




#51  
4-Methyl-2-Pentanone  
Concen: 244.846 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

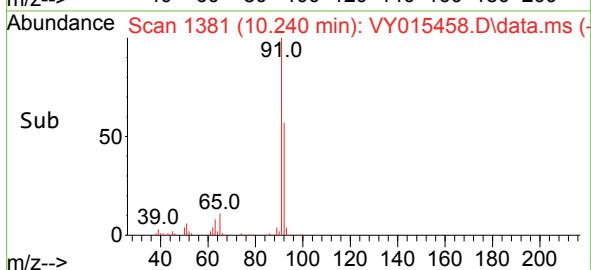
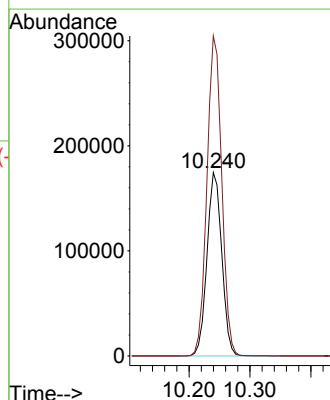
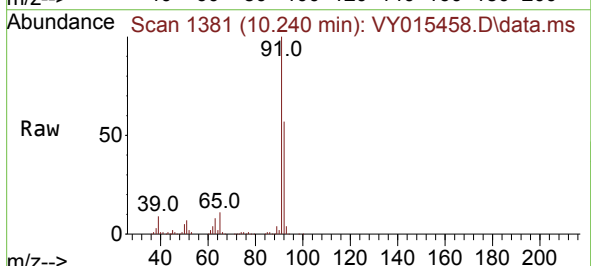
Instrument :  
MSVOA\_Y  
ClientSampleId :

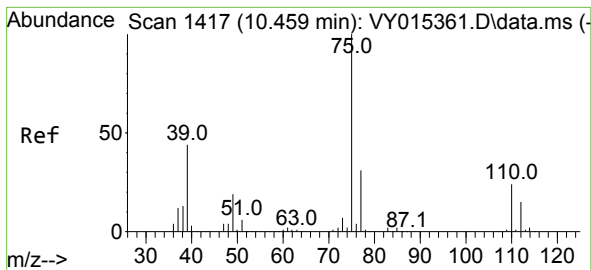
Tgt Ion: 43 Resp: 613162  
Ion Ratio Lower Upper  
43 100  
58 40.0 29.0 43.6



#52  
Toluene  
Concen: 50.915 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Tgt Ion: 92 Resp: 294141  
Ion Ratio Lower Upper  
92 100  
91 174.7 143.8 215.6

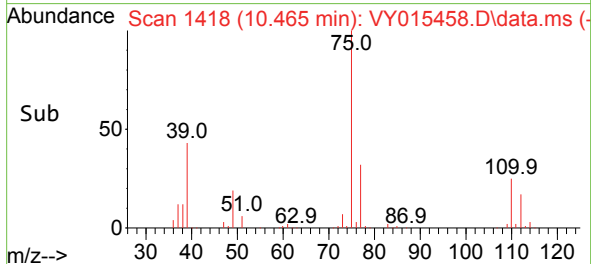
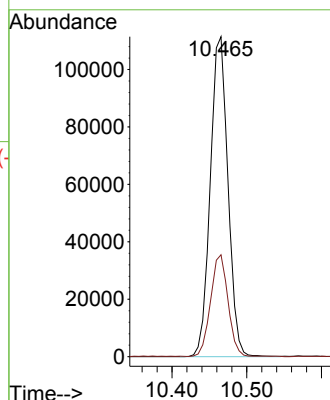
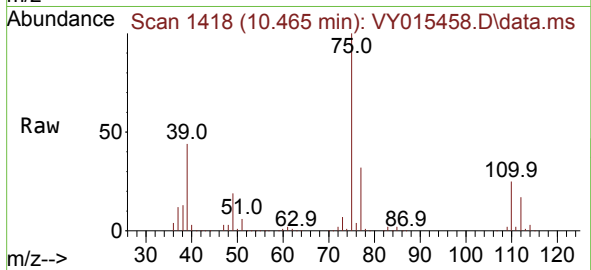




#53  
 t-1,3-Dichloropropene  
 Concen: 53.425 ug/l  
 RT: 10.465 min Scan# 1417  
 Delta R.T. 0.006 min  
 Lab File: VY015458.D  
 Acq: 07 Sep 2023 09:15

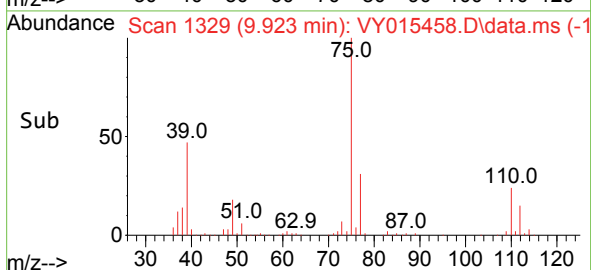
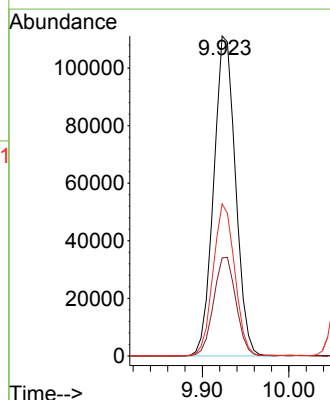
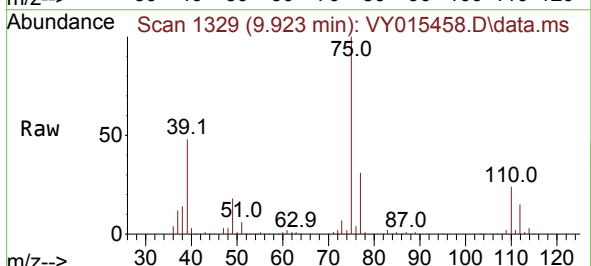
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

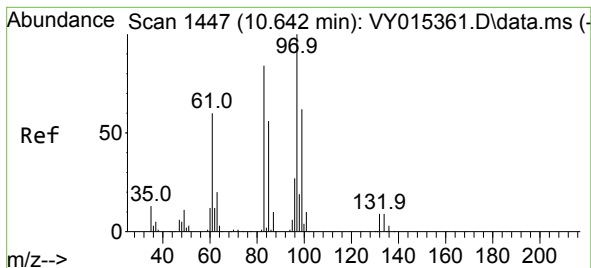
Tgt Ion: 75 Resp: 183264  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.0 37.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.195 ug/l  
 RT: 9.923 min Scan# 1329  
 Delta R.T. 0.000 min  
 Lab File: VY015458.D  
 Acq: 07 Sep 2023 09:15

Tgt Ion: 75 Resp: 194769  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 24.2 36.4  
 39 47.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 52.130 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 97 Resp: 106018

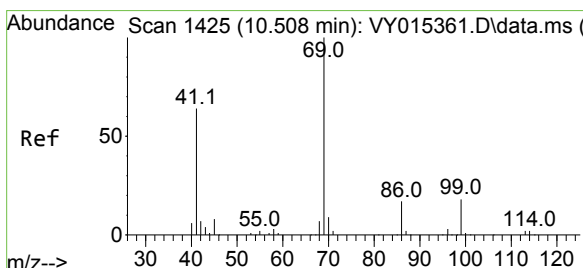
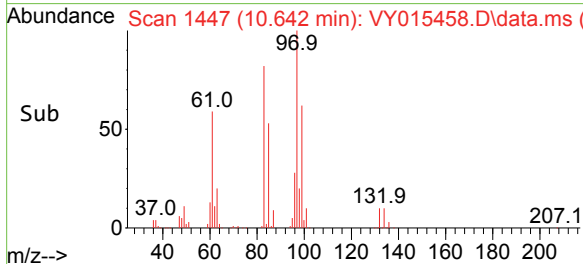
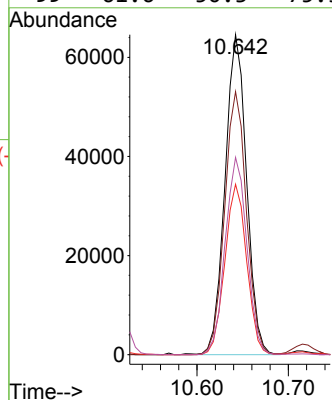
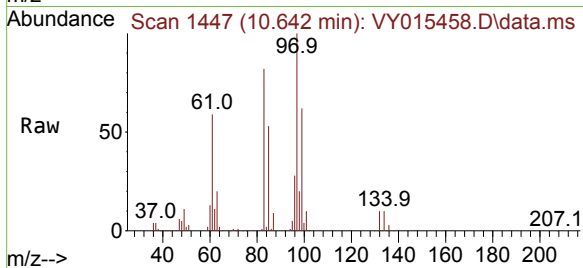
Ion Ratio Lower Upper

97 100

83 82.2 72.0 108.0

85 53.3 45.4 68.0

99 61.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 52.473 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

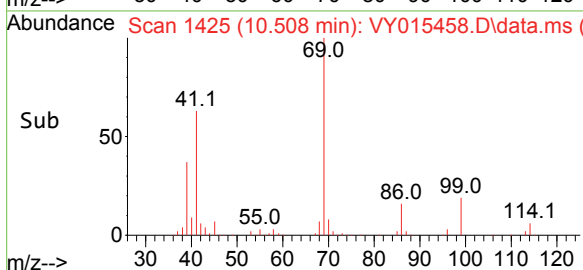
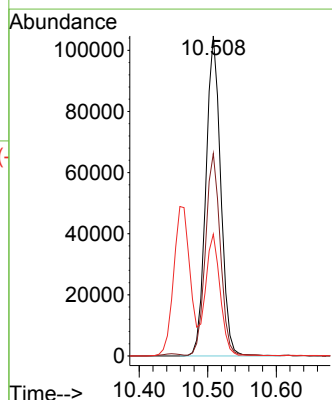
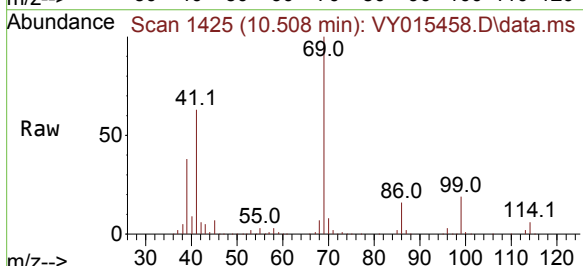
Tgt Ion: 69 Resp: 158139

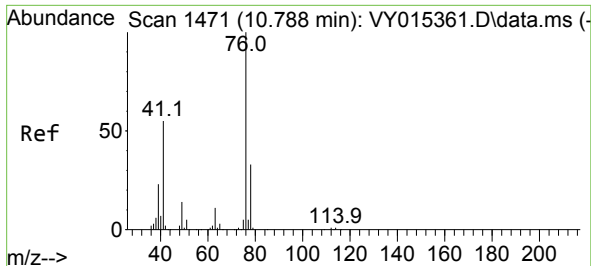
Ion Ratio Lower Upper

69 100

41 63.0 57.6 86.4

39 37.8 34.1 51.1





#57

1,3-Dichloropropane

Concen: 50.437 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

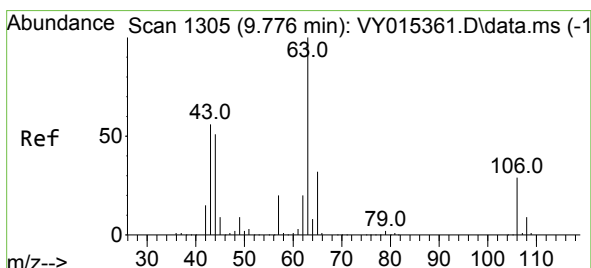
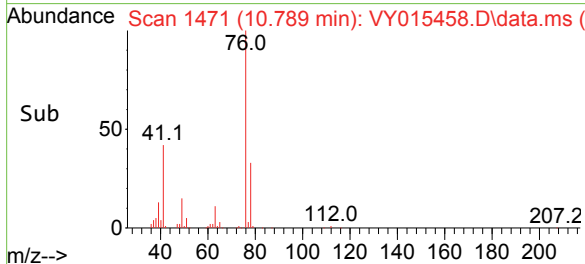
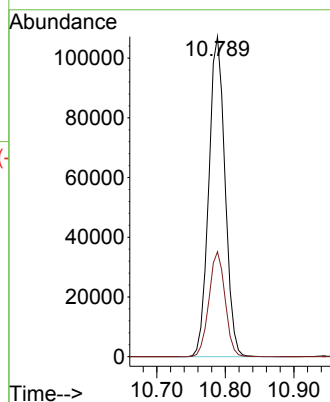
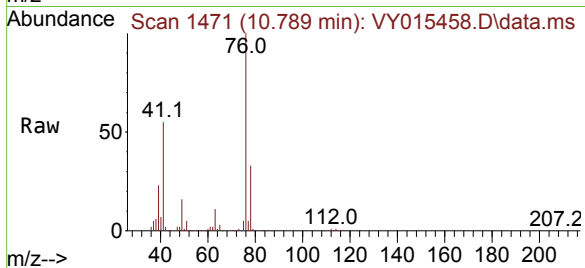
ClientSampleId :

Tgt Ion: 76 Resp: 176570

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 216.073 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015458.D

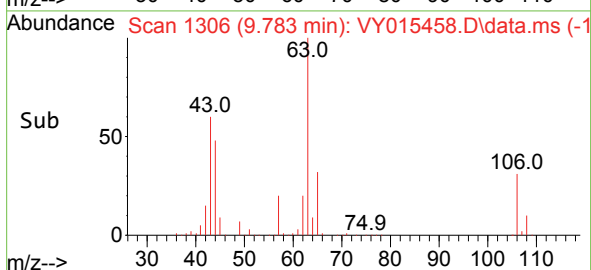
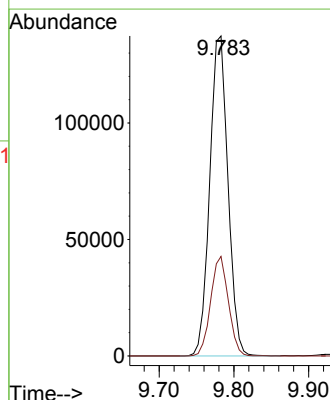
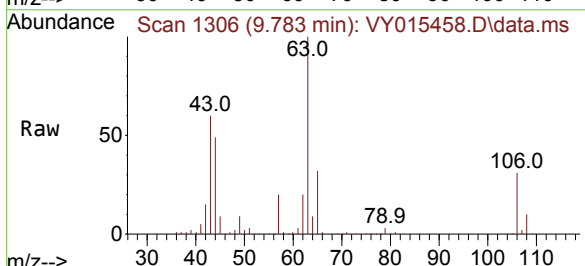
Acq: 07 Sep 2023 09:15

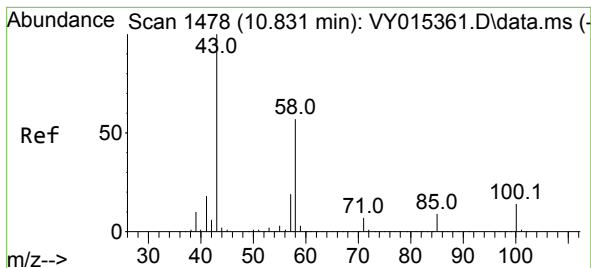
Tgt Ion: 63 Resp: 232432

Ion Ratio Lower Upper

63 100

106 30.2 21.2 31.8

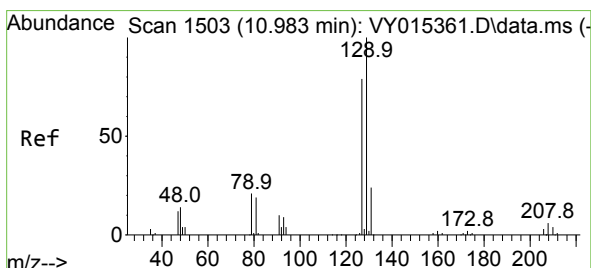
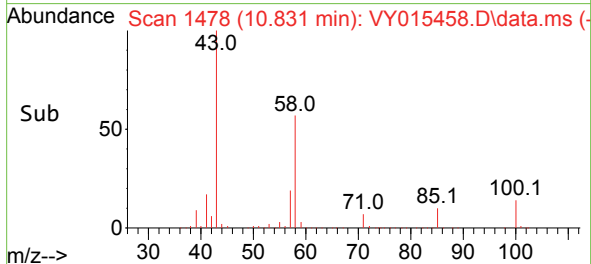
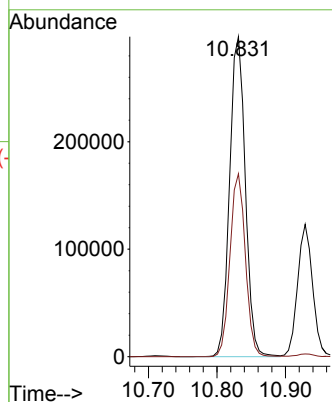
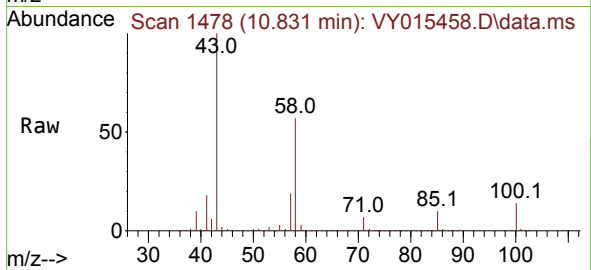




#59  
2-Hexanone  
Concen: 251.338 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

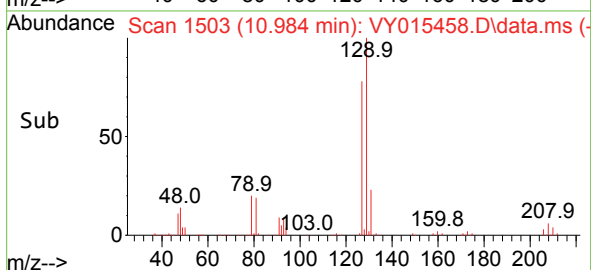
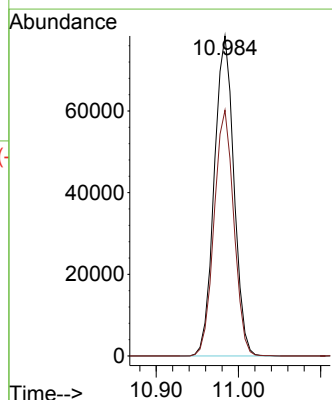
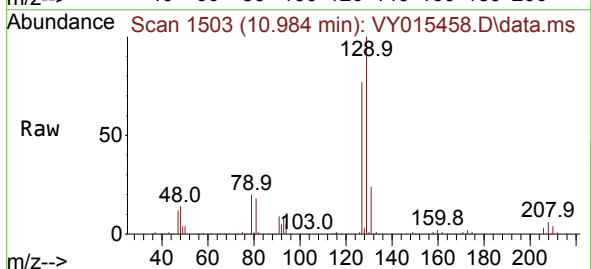
Instrument :  
MSVOA\_Y  
ClientSampleId :

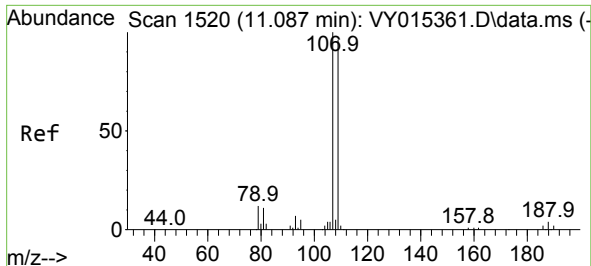
Tgt Ion: 43 Resp: 472286  
Ion Ratio Lower Upper  
43 100  
58 56.2 25.1 75.3



#60  
Dibromochloromethane  
Concen: 54.596 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

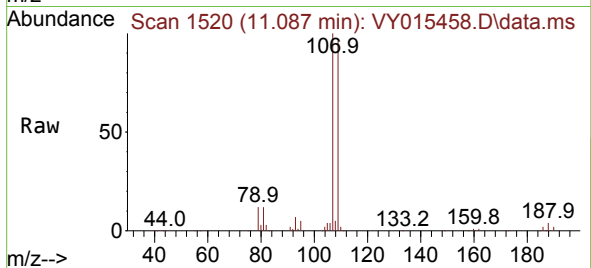
Tgt Ion: 129 Resp: 129958  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.5 115.5



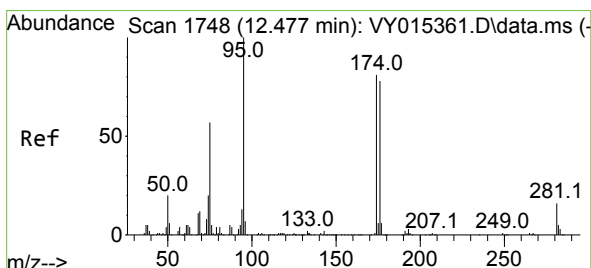
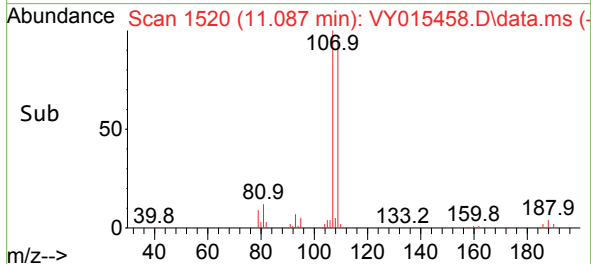
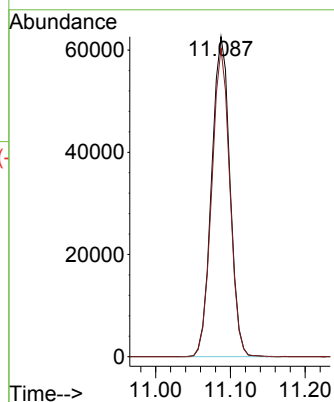


#61  
1,2-Dibromoethane  
Concen: 51.745 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

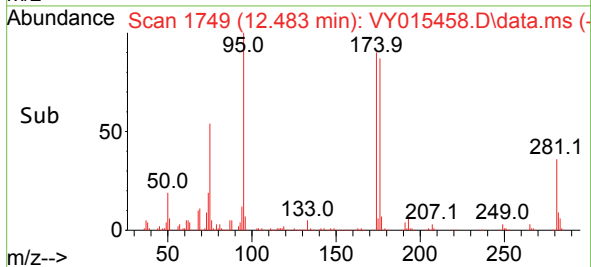
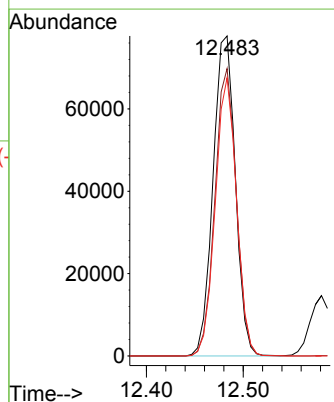
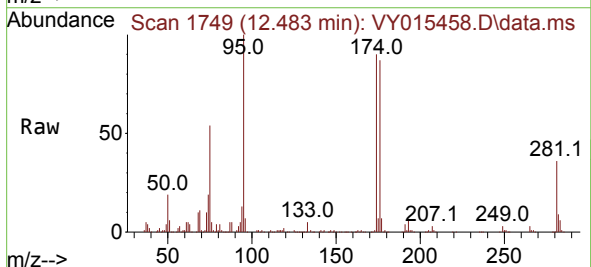


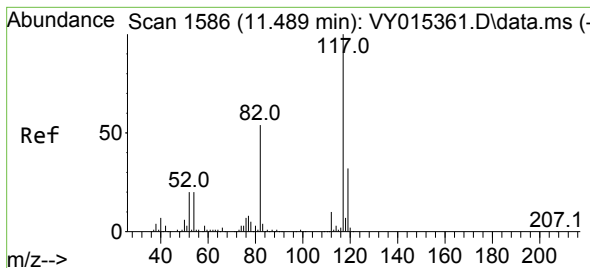
Tgt Ion:107 Resp: 106632  
Ion Ratio Lower Upper  
107 100  
109 94.5 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 50.193 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Tgt Ion: 95 Resp: 124156  
Ion Ratio Lower Upper  
95 100  
174 86.4 0.0 178.2  
176 83.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

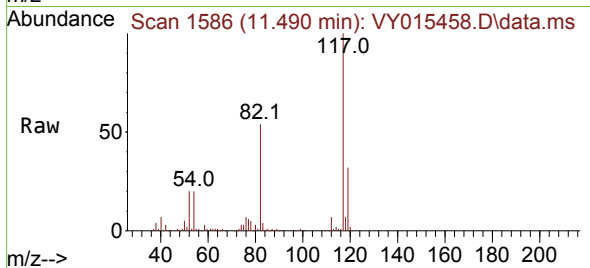
Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

ClientSampleId :



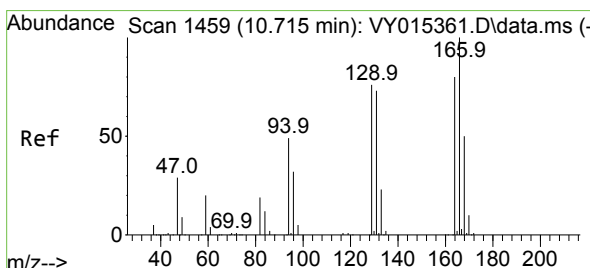
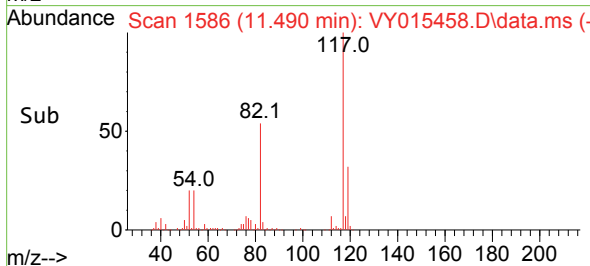
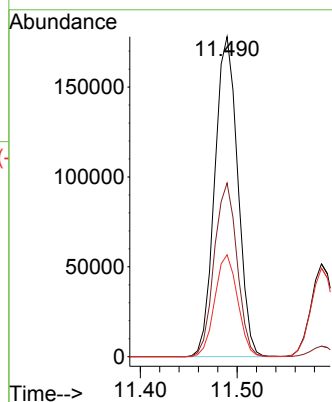
Tgt Ion:117 Resp: 293731

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

119 31.9 26.3 39.5



#64

Tetrachloroethene

Concen: 52.133 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Tgt Ion:164 Resp: 138992

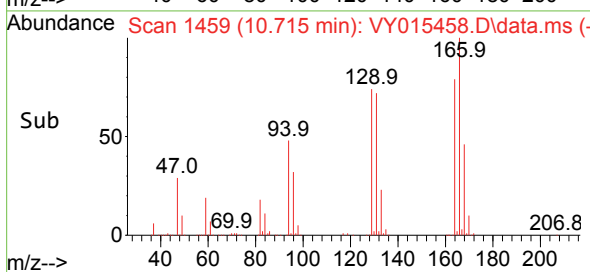
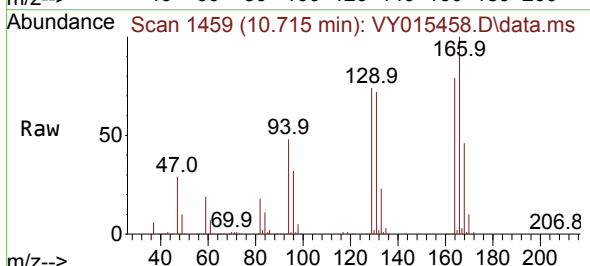
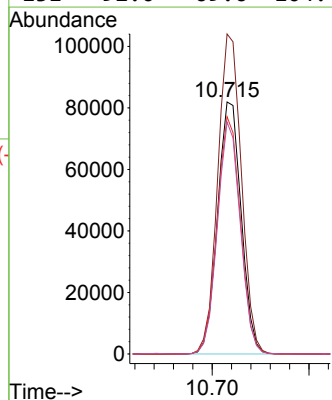
Ion Ratio Lower Upper

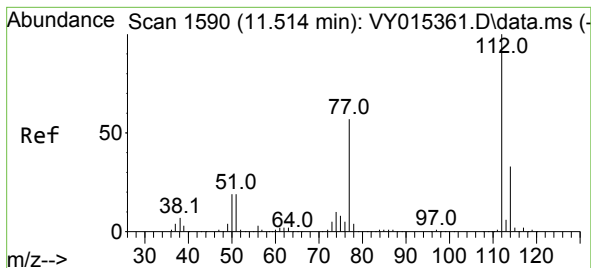
164 100

166 127.0 103.0 154.6

129 94.2 77.2 115.8

131 92.0 69.6 104.4

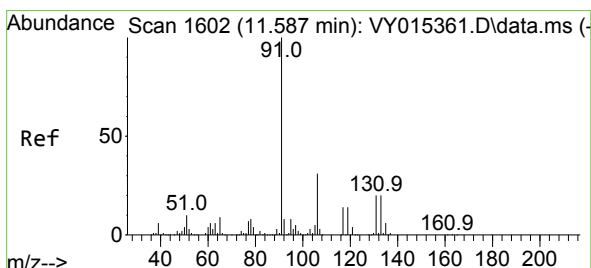
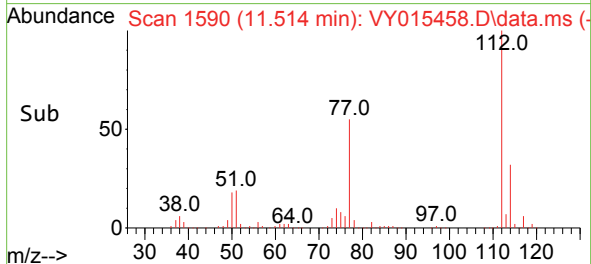
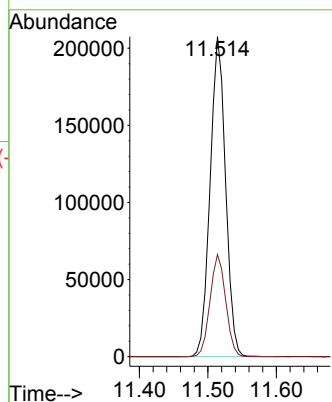
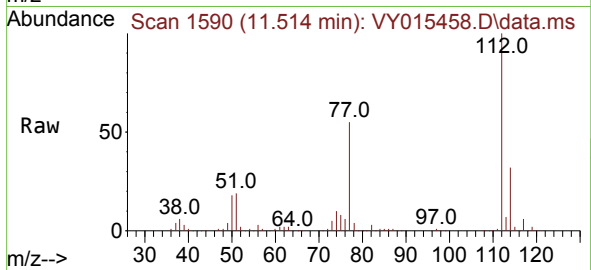




#65  
Chlorobenzene  
Concen: 51.330 ug/l  
RT: 11.514 min Scan# 1119  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

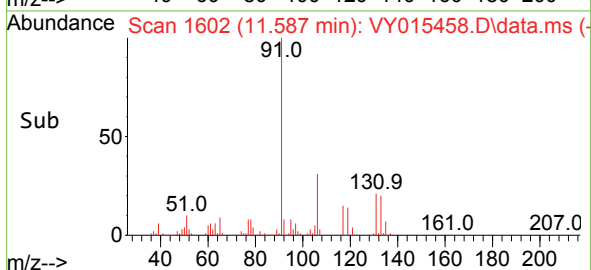
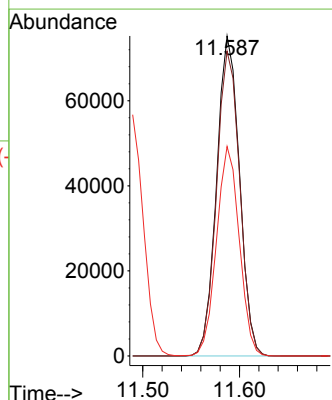
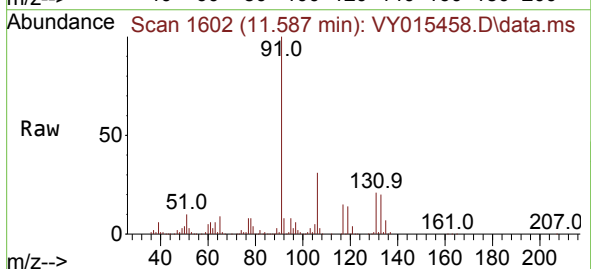
Instrument :  
MSVOA\_Y  
ClientSampleId :

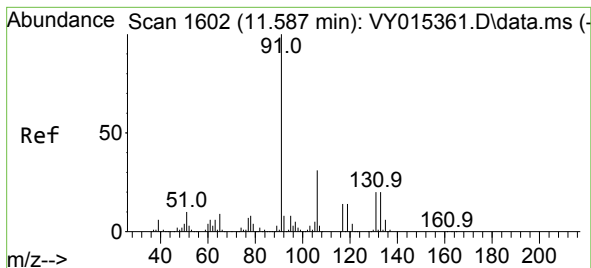
Tgt Ion:112 Resp: 324892  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.291 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Tgt Ion:131 Resp: 123461  
Ion Ratio Lower Upper  
131 100  
133 96.4 47.5 142.6  
119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 51.240 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

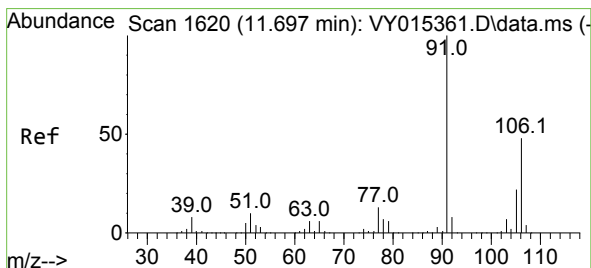
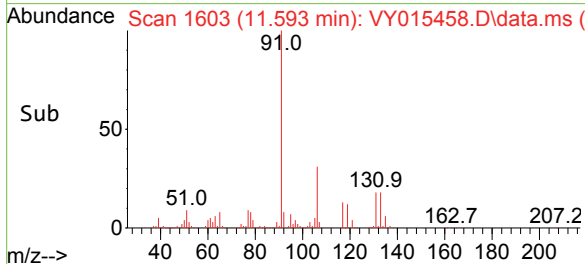
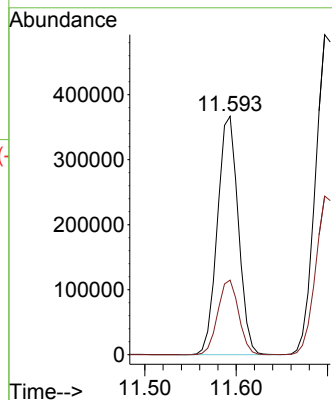
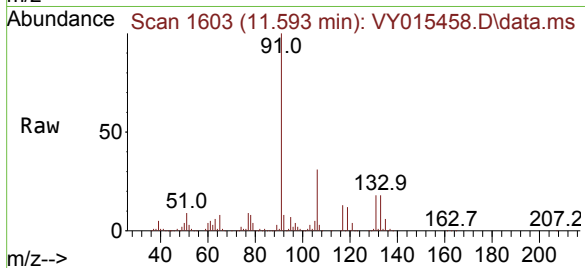
ClientSampleId :

Tgt Ion: 91 Resp: 582367

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 102.679 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY015458.D

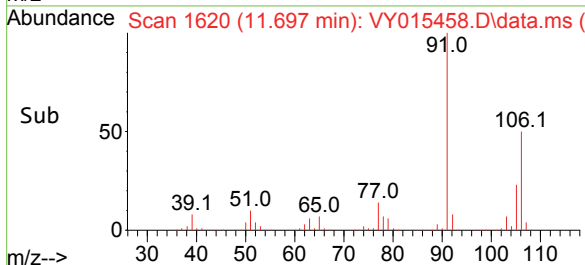
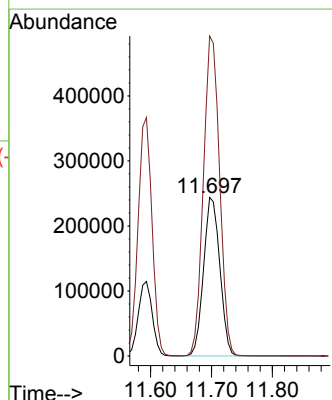
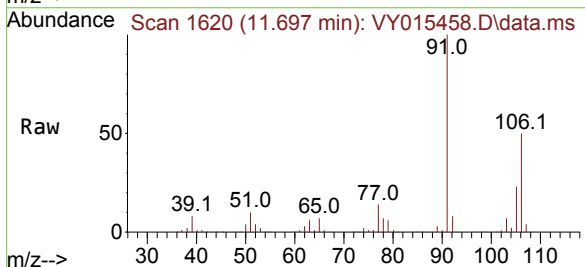
Acq: 07 Sep 2023 09:15

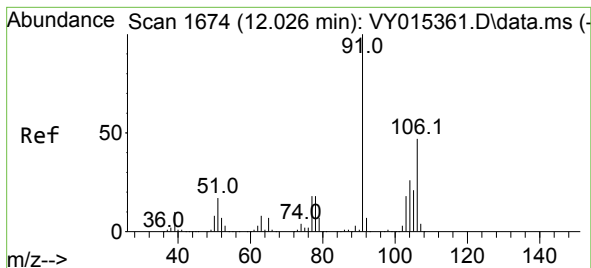
Tgt Ion:106 Resp: 452349

Ion Ratio Lower Upper

106 100

91 201.3 166.1 249.1

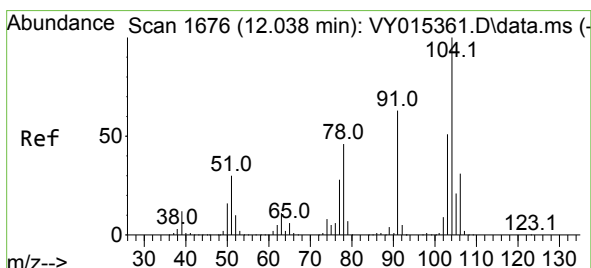
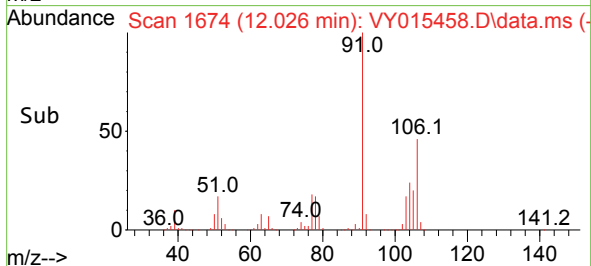
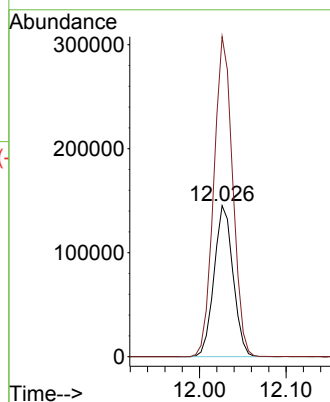
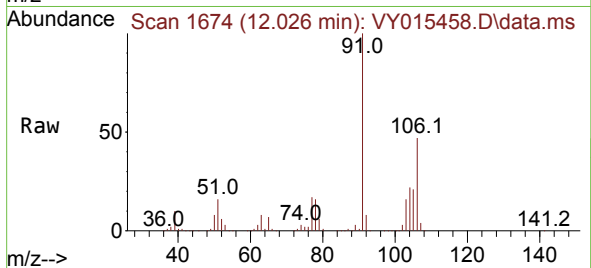




#69  
o-Xylene  
Concen: 52.508 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

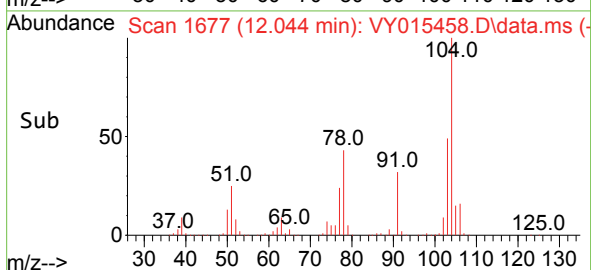
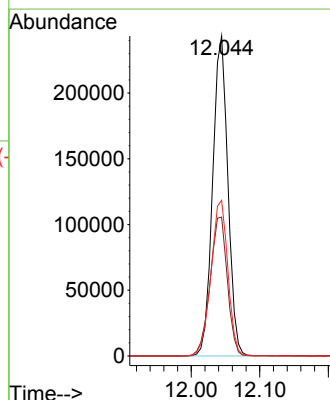
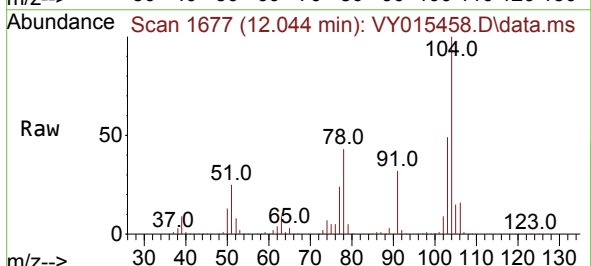
Instrument :  
MSVOA\_Y  
ClientSampleId :

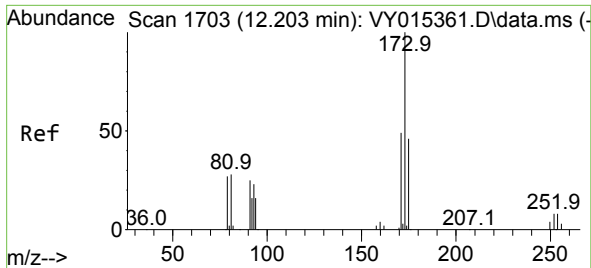
Tgt Ion:106 Resp: 221072  
Ion Ratio Lower Upper  
106 100  
91 211.0 108.1 324.3



#70  
Styrene  
Concen: 53.152 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Tgt Ion:104 Resp: 376278  
Ion Ratio Lower Upper  
104 100  
78 49.3 41.5 62.3  
103 54.0 44.6 67.0

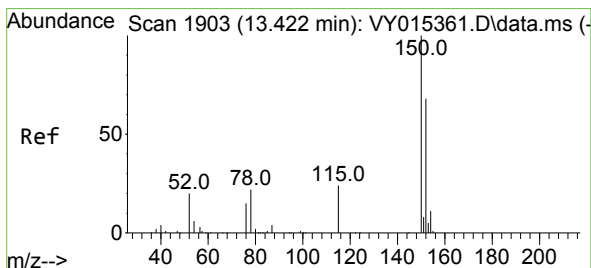
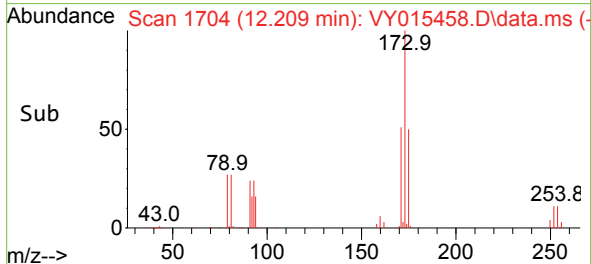
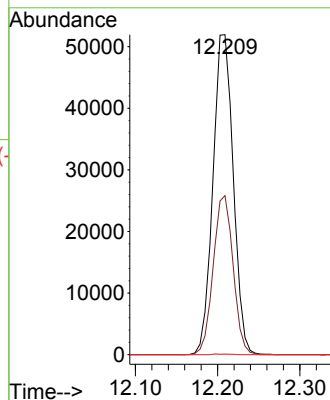
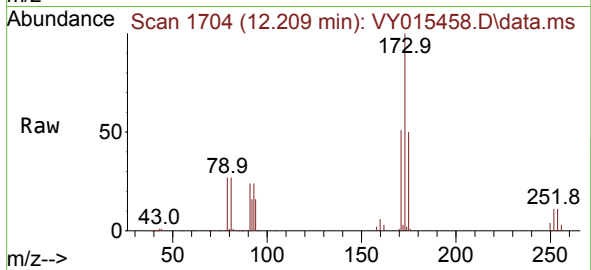




#71  
Bromoform  
Concen: 55.213 ug/l  
RT: 12.209 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

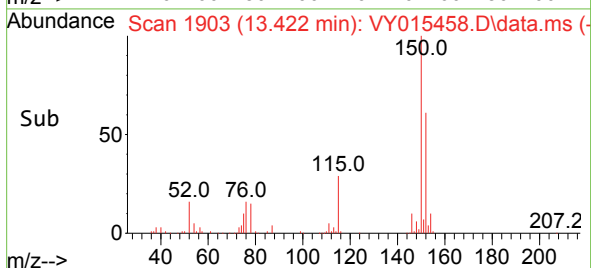
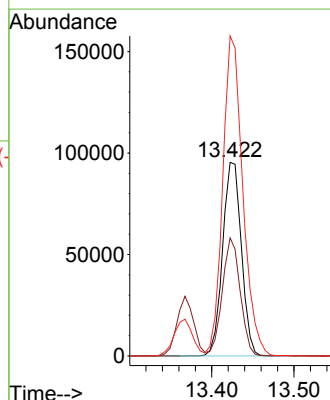
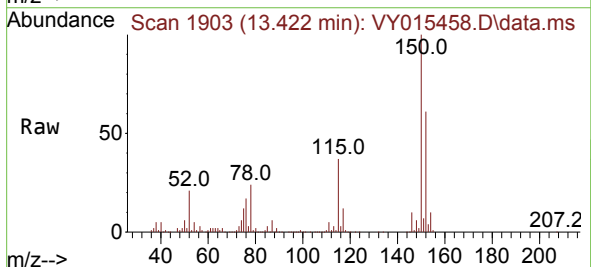
Instrument :  
MSVOA\_Y  
ClientSampleId :

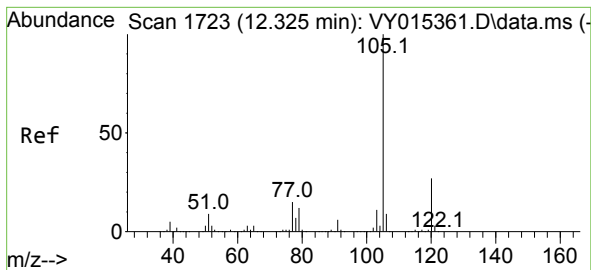
Tgt Ion:173 Resp: 89228  
Ion Ratio Lower Upper  
173 100  
175 48.6 24.6 73.8  
254 0.2 0.2 0.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Tgt Ion:152 Resp: 151747  
Ion Ratio Lower Upper  
152 100  
115 58.1 28.8 86.5  
150 176.6 0.0 348.8





#73

Isopropylbenzene

Concen: 51.061 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

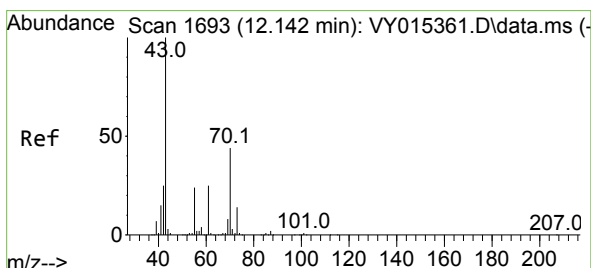
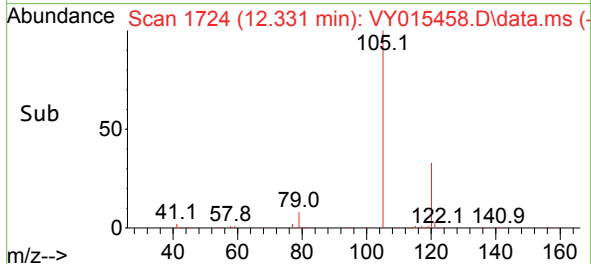
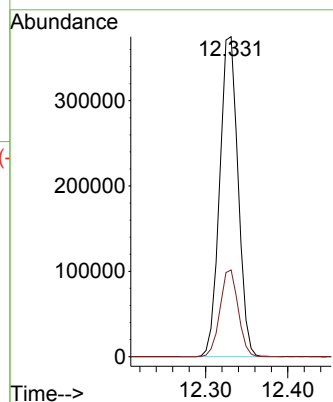
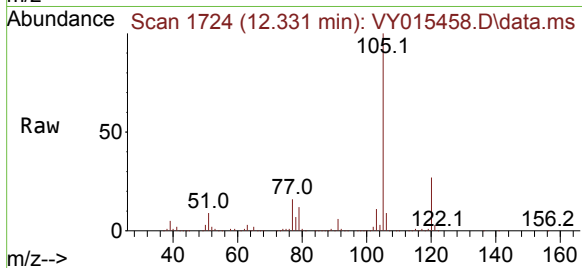
ClientSampleId :

Tgt Ion:105 Resp: 582009

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 51.087 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Tgt Ion: 43 Resp: 195632

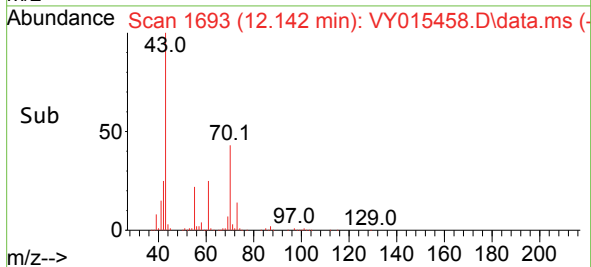
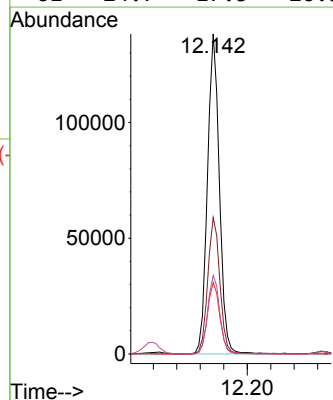
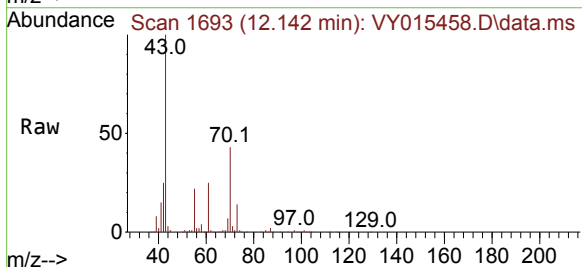
Ion Ratio Lower Upper

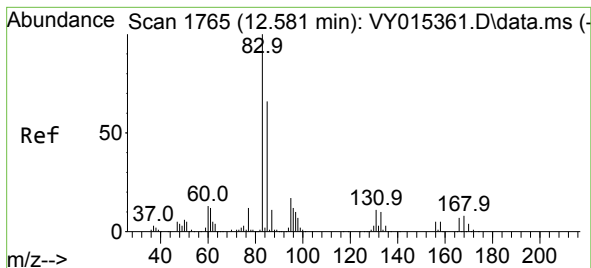
43 100

70 43.3 29.7 44.5

55 23.2 18.3 27.5

61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.227 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

ClientSampleId :

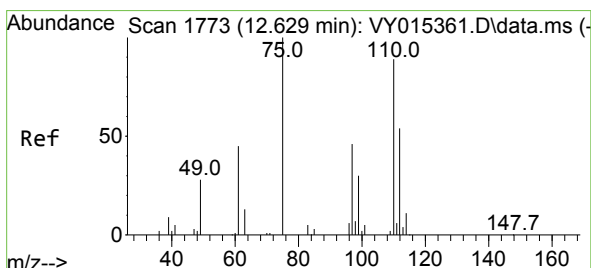
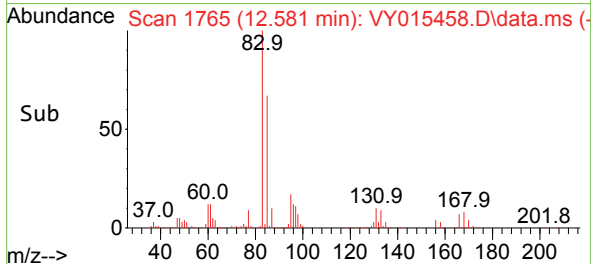
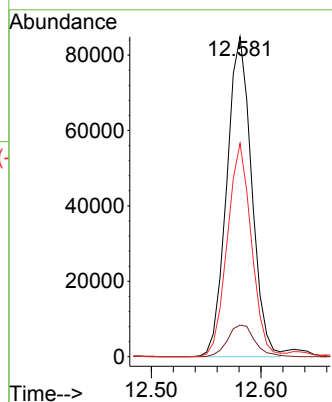
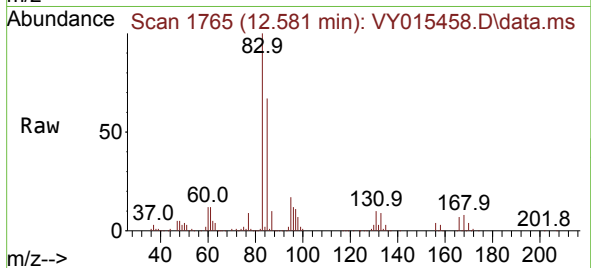
Tgt Ion: 83 Resp: 133944

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

85 64.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 90.910 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015458.D

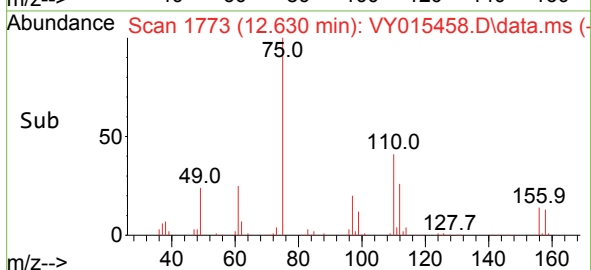
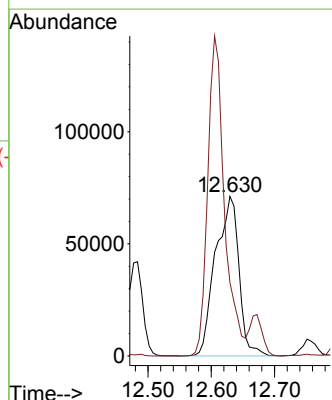
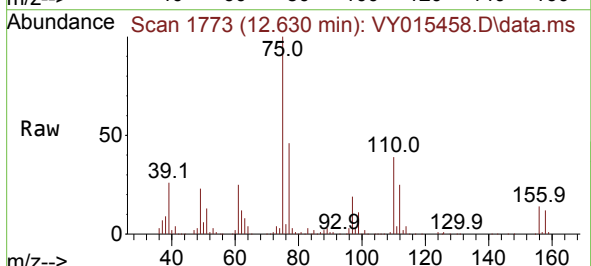
Acq: 07 Sep 2023 09:15

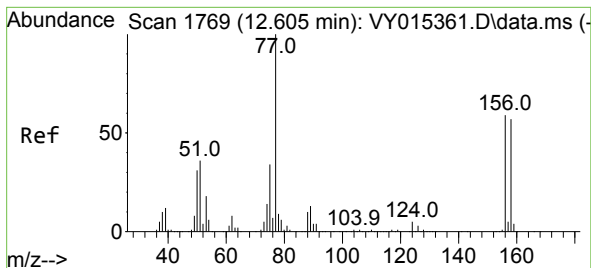
Tgt Ion: 75 Resp: 182941

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.113 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

ClientSampleId :

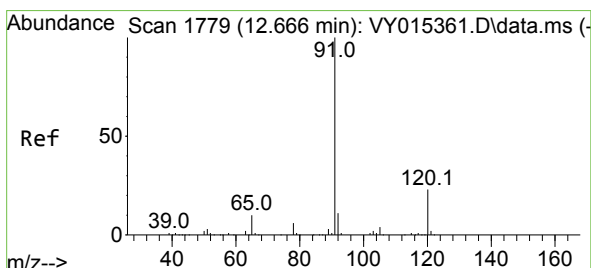
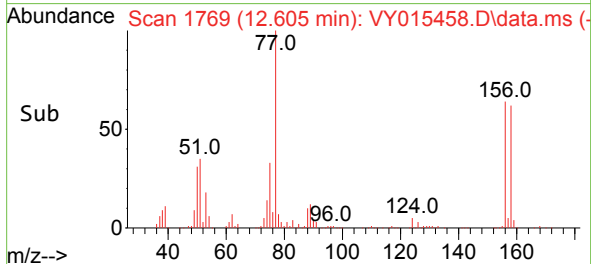
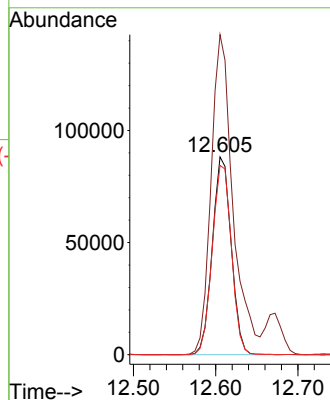
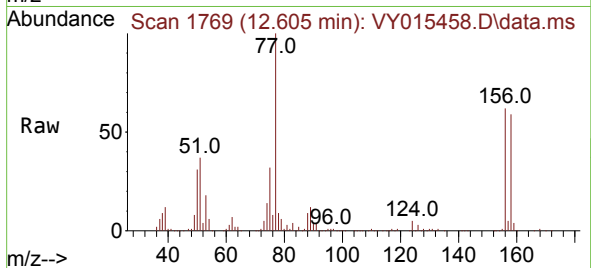
Tgt Ion:156 Resp: 140684

Ion Ratio Lower Upper

156 100

77 187.6 92.8 278.6

158 97.3 48.4 145.3



#78

n-propylbenzene

Concen: 50.625 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015458.D

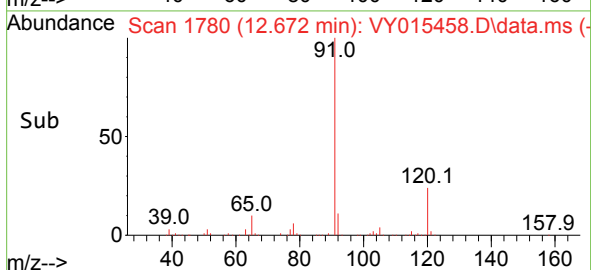
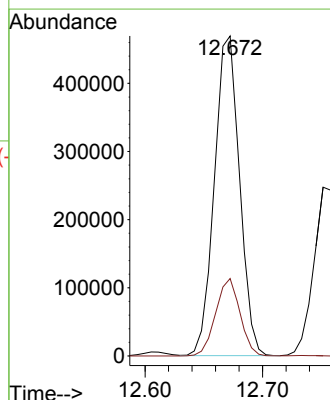
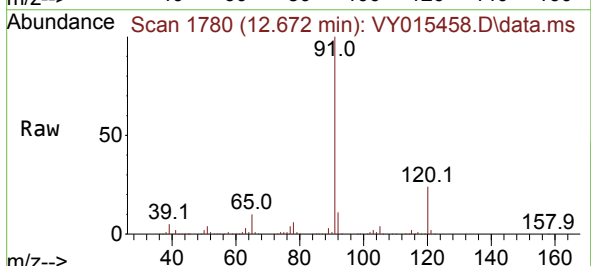
Acq: 07 Sep 2023 09:15

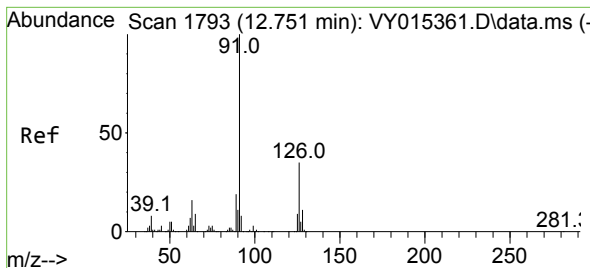
Tgt Ion: 91 Resp: 698228

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

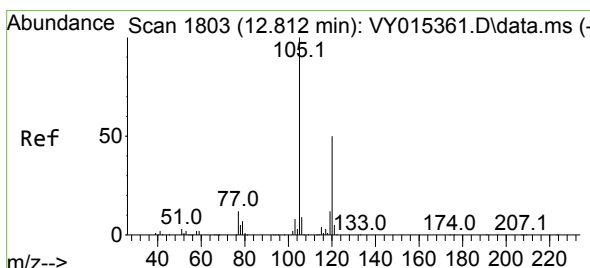
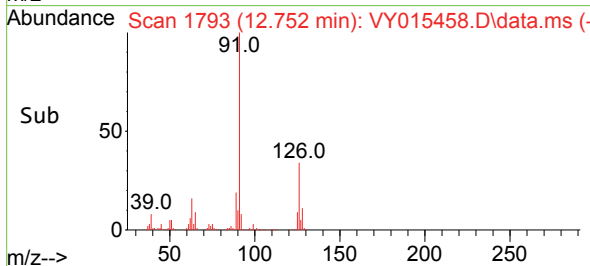
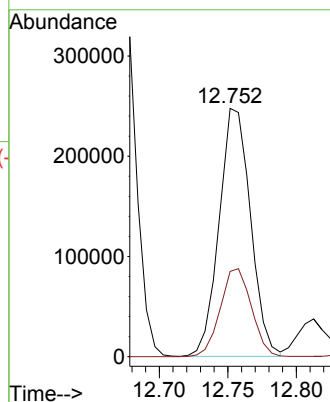
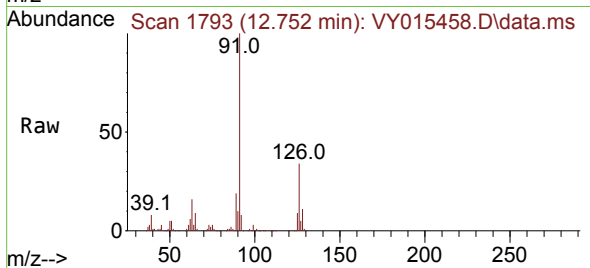




#79  
2-Chlorotoluene  
Concen: 51.121 ug/l  
RT: 12.752 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

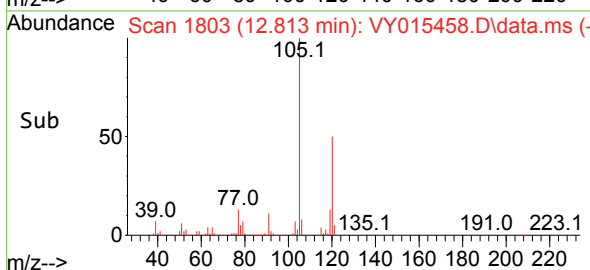
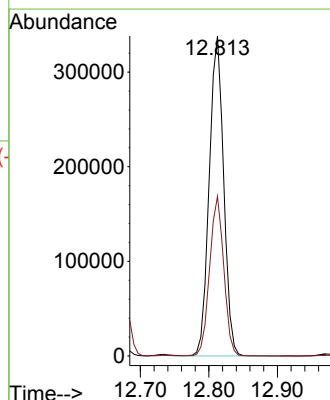
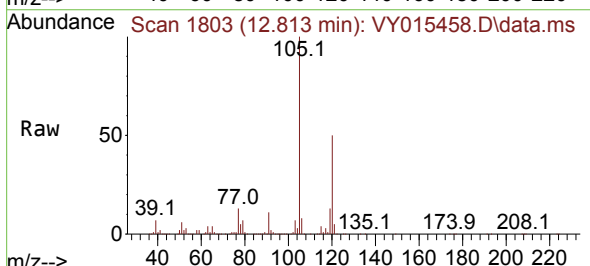
Instrument :  
MSVOA\_Y  
ClientSampleId :

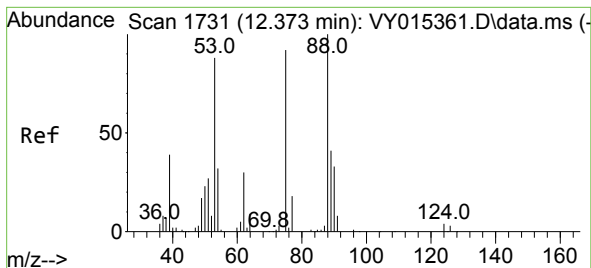
Tgt Ion: 91 Resp: 395461  
Ion Ratio Lower Upper  
91 100  
126 35.2 17.3 51.7



#80  
1,3,5-Trimethylbenzene  
Concen: 52.058 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY015458.D  
Acq: 07 Sep 2023 09:15

Tgt Ion: 105 Resp: 496311  
Ion Ratio Lower Upper  
105 100  
120 48.9 23.9 71.7

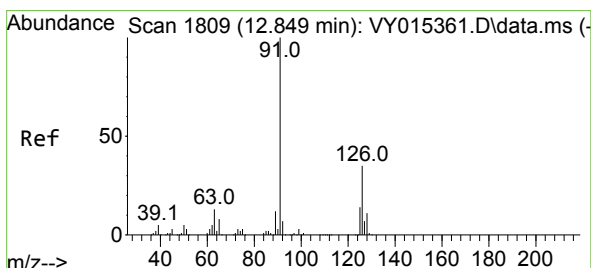
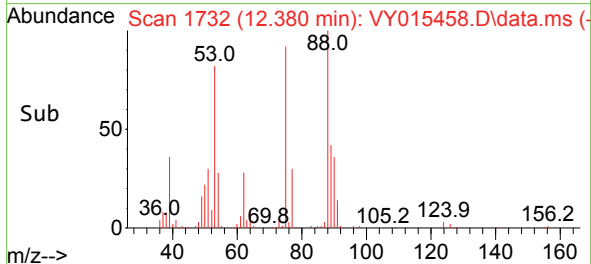
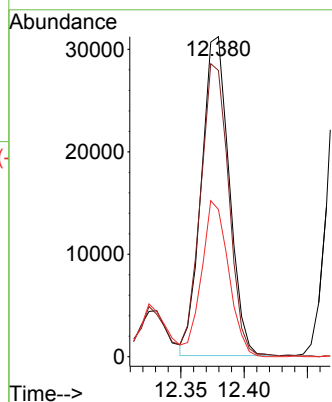
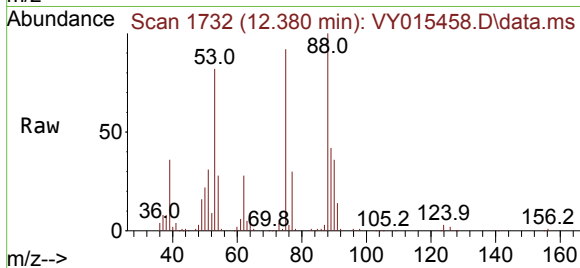




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 52.166 ug/l  
 RT: 12.380 min Scan# 1731  
 Delta R.T. 0.000 min  
 Lab File: VY015458.D  
 Acq: 07 Sep 2023 09:15

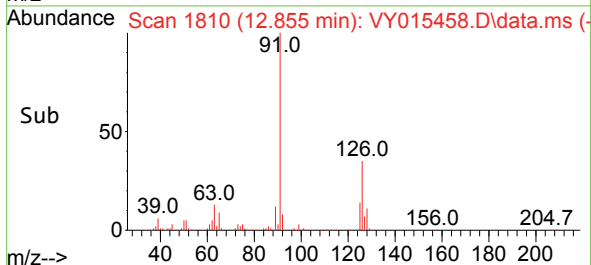
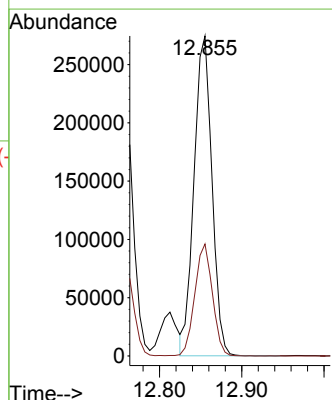
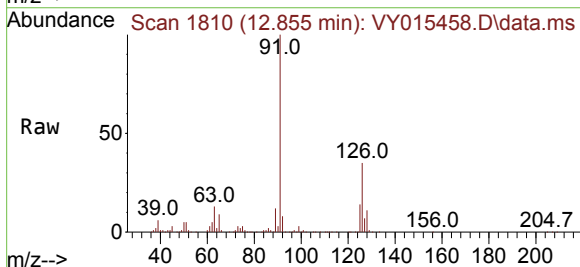
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

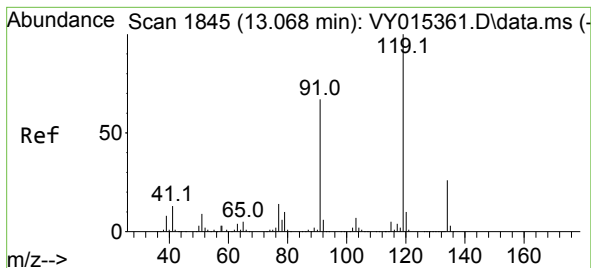
Tgt Ion: 75 Resp: 47588  
 Ion Ratio Lower Upper  
 75 100  
 53 93.8 77.8 116.8  
 89 47.8 37.4 56.0



#82  
 4-Chlorotoluene  
 Concen: 51.629 ug/l  
 RT: 12.855 min Scan# 1810  
 Delta R.T. 0.006 min  
 Lab File: VY015458.D  
 Acq: 07 Sep 2023 09:15

Tgt Ion: 91 Resp: 415089  
 Ion Ratio Lower Upper  
 91 100  
 126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 52.366 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

ClientSampleId :

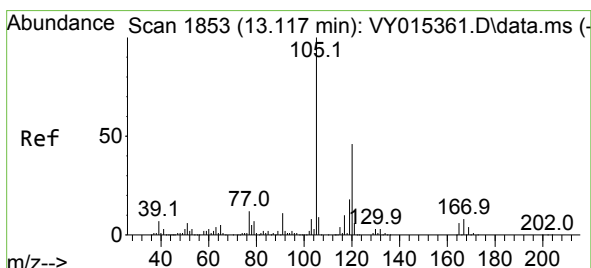
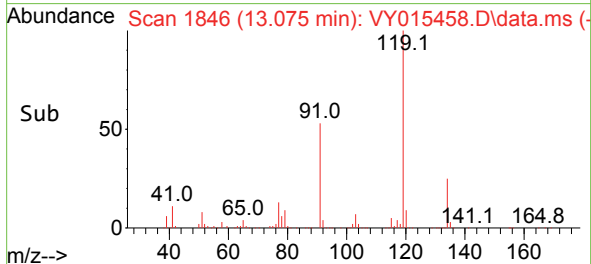
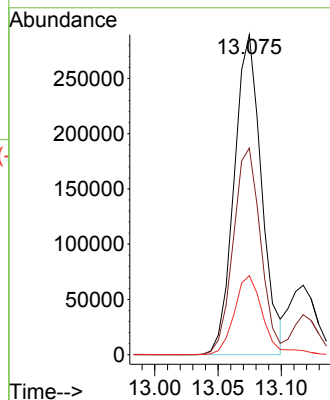
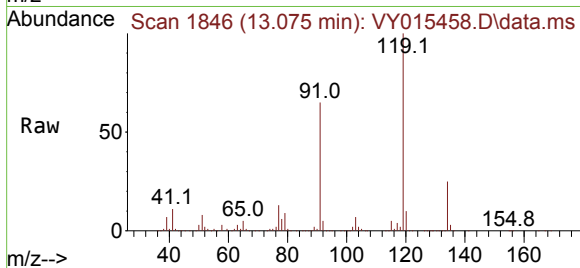
Tgt Ion:119 Resp: 437280

Ion Ratio Lower Upper

119 100

91 64.7 32.9 98.6

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.746 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015458.D

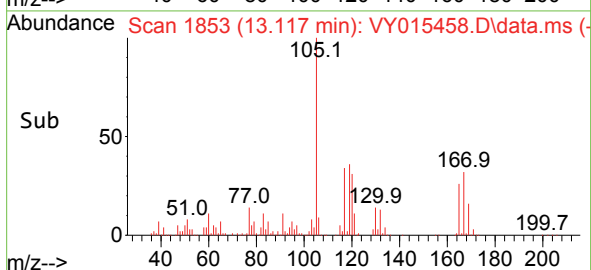
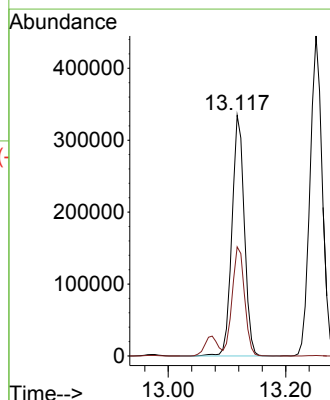
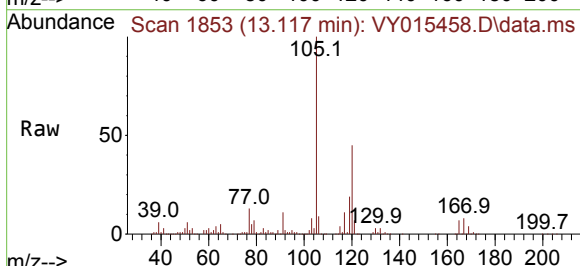
Acq: 07 Sep 2023 09:15

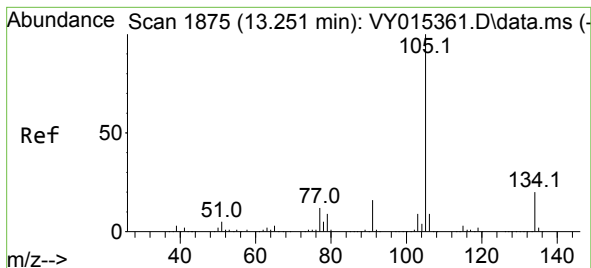
Tgt Ion:105 Resp: 489831

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.718 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

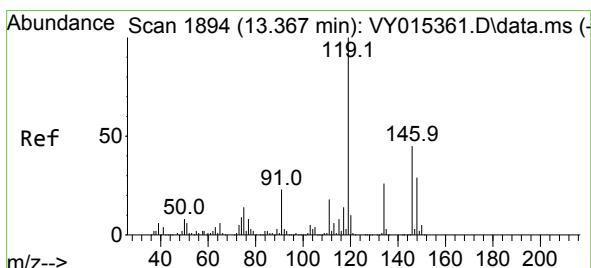
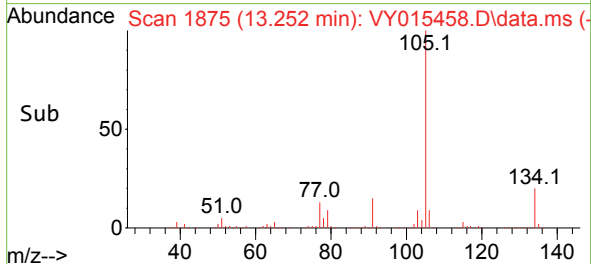
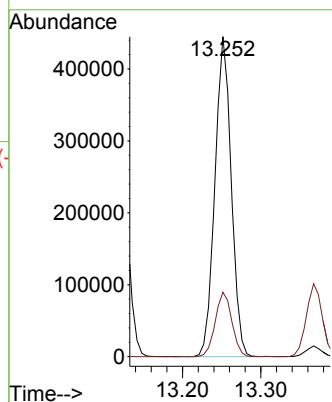
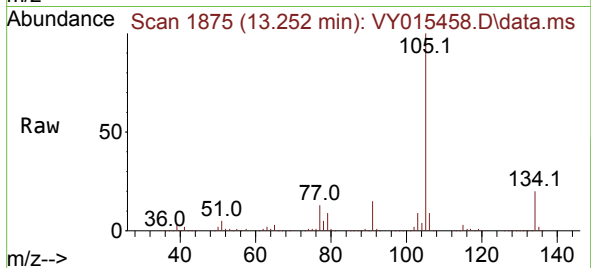
ClientSampleId :

Tgt Ion:105 Resp: 644146

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.951 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

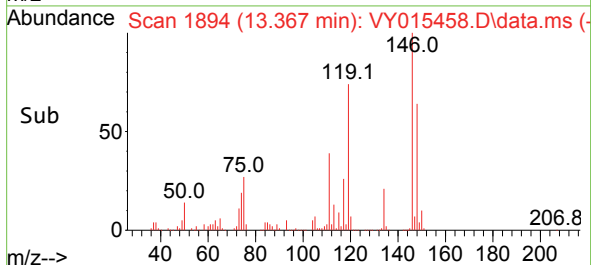
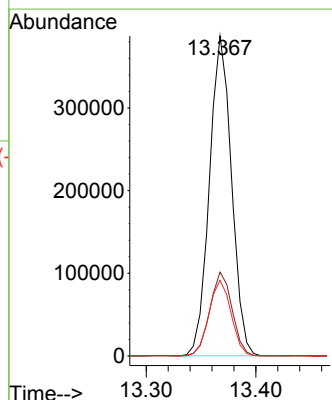
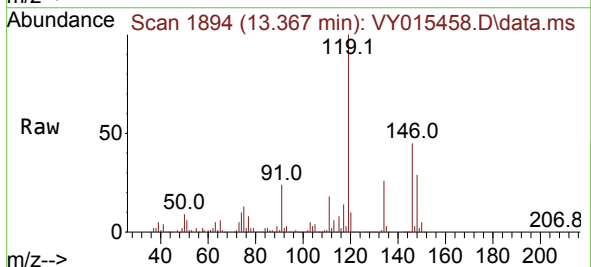
Tgt Ion:119 Resp: 542302

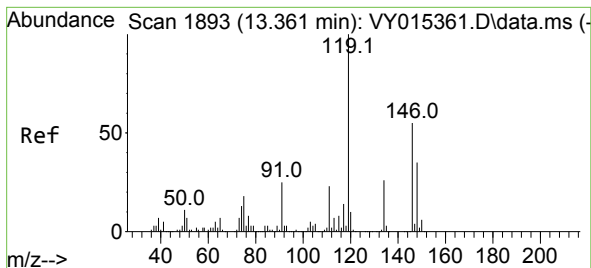
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.055 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

ClientSampleId :

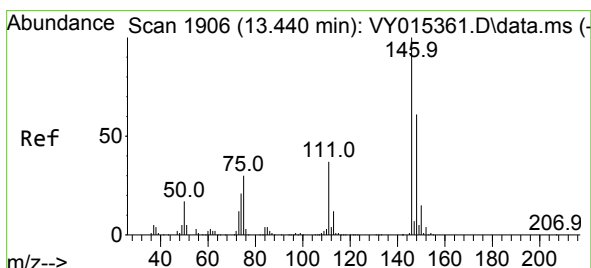
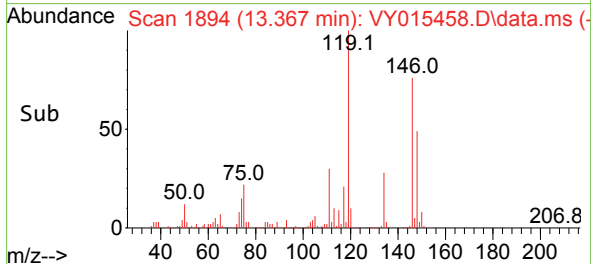
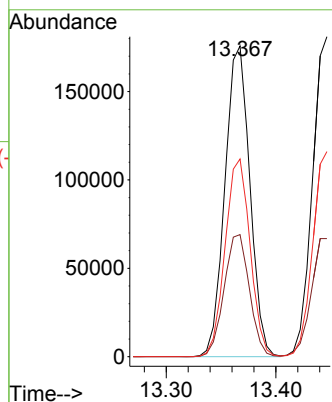
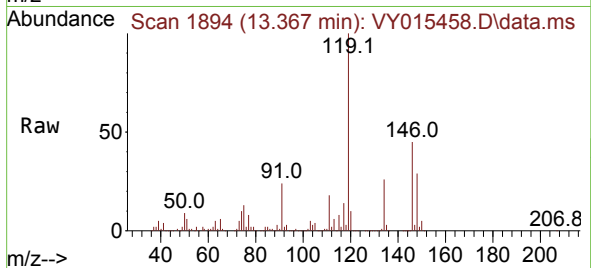
Tgt Ion:146 Resp: 277431

Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.2

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.488 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

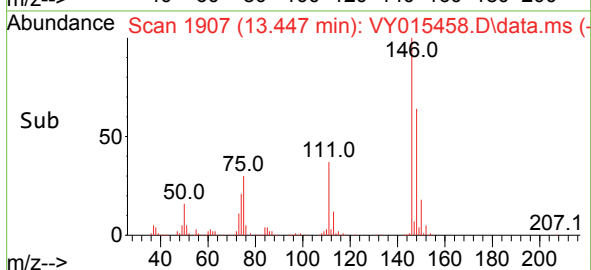
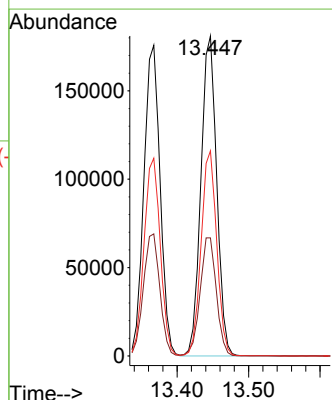
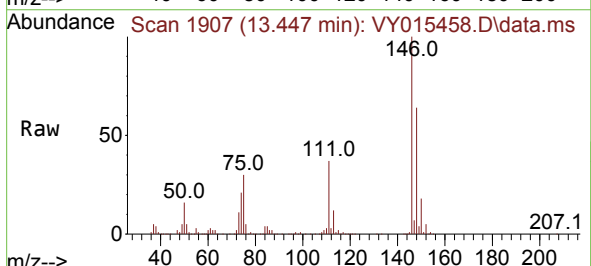
Tgt Ion:146 Resp: 277386

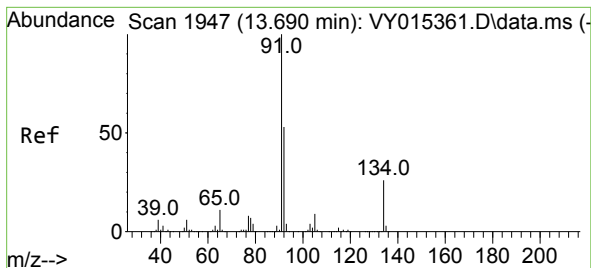
Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.7

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 50.596 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

ClientSampleId :

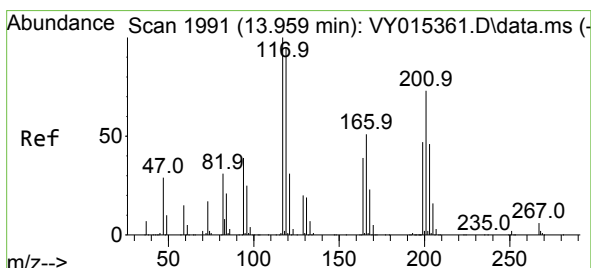
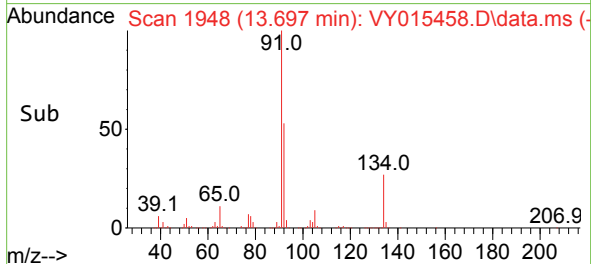
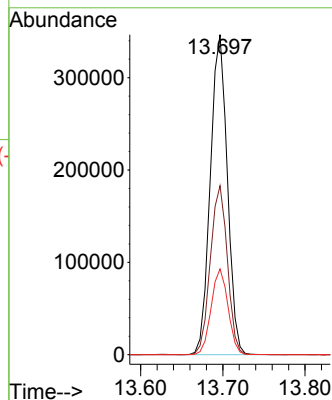
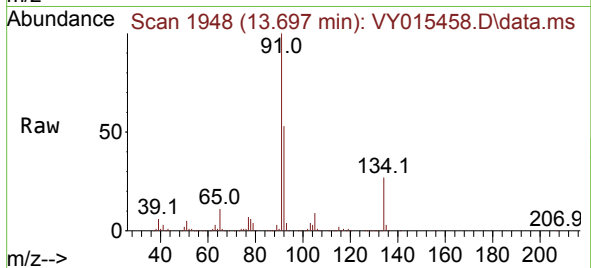
Tgt Ion: 91 Resp: 497110

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 54.183 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015458.D

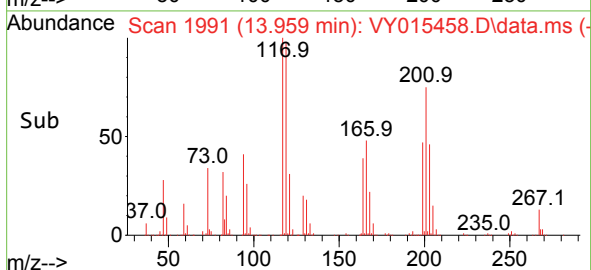
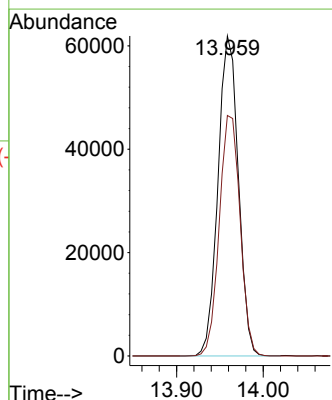
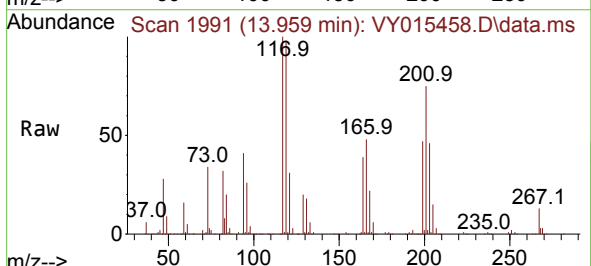
Acq: 07 Sep 2023 09:15

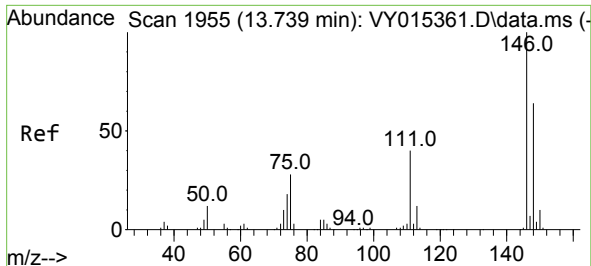
Tgt Ion: 117 Resp: 101158

Ion Ratio Lower Upper

117 100

201 76.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.943 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

ClientSampleId :

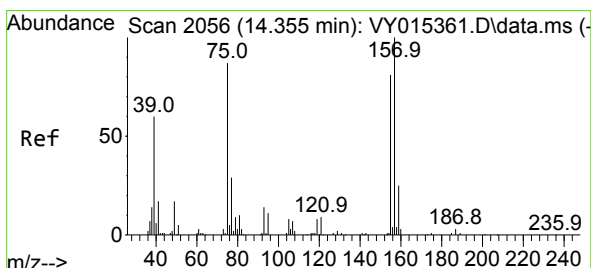
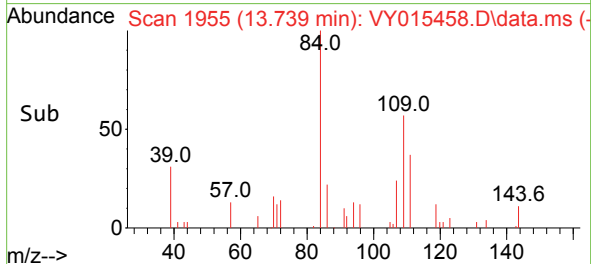
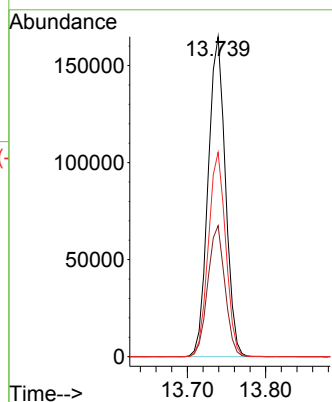
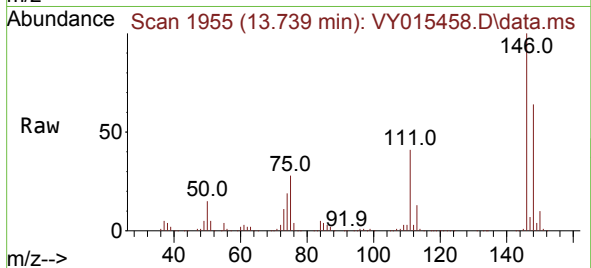
Tgt Ion:146 Resp: 252638

Ion Ratio Lower Upper

146 100

111 40.7 19.7 59.0

148 63.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.773 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

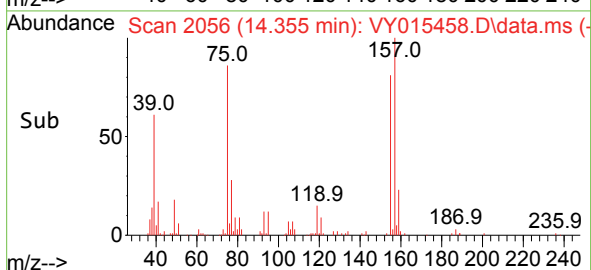
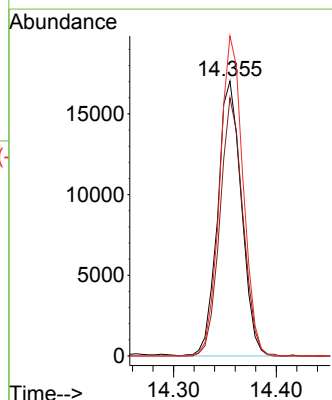
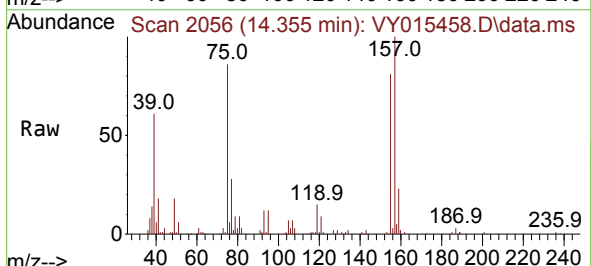
Tgt Ion: 75 Resp: 27329

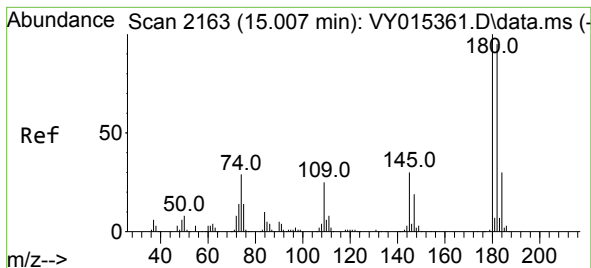
Ion Ratio Lower Upper

75 100

155 90.4 41.5 124.6

157 113.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 52.925 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

ClientSampleId :

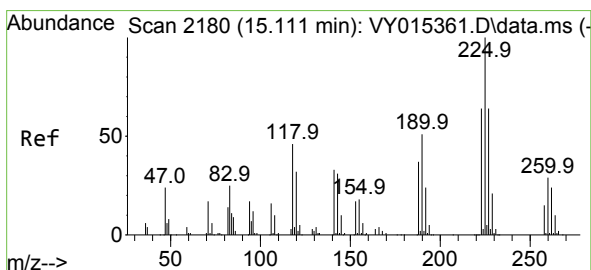
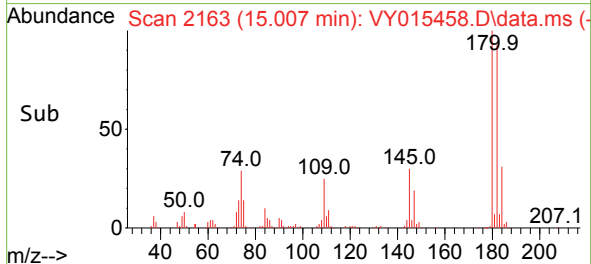
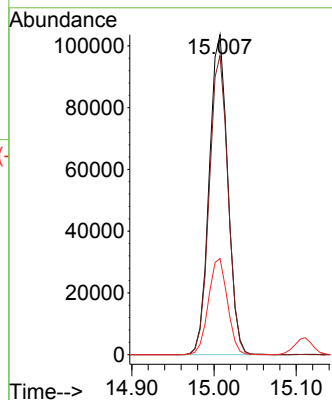
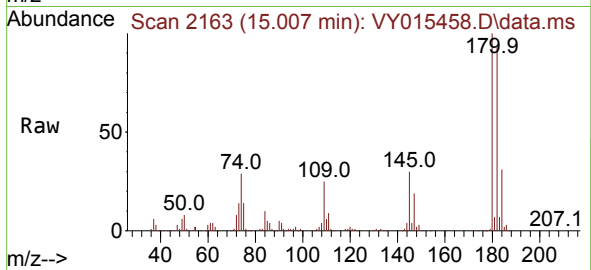
Tgt Ion:180 Resp: 161657

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 51.480 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

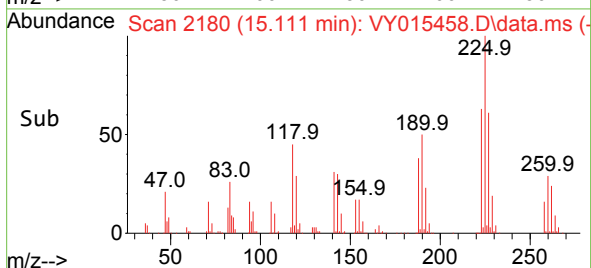
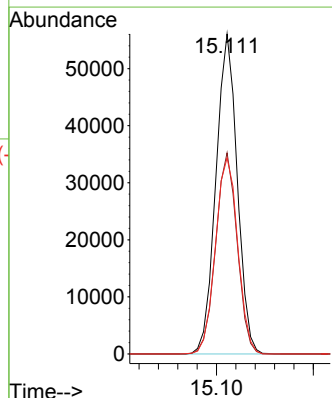
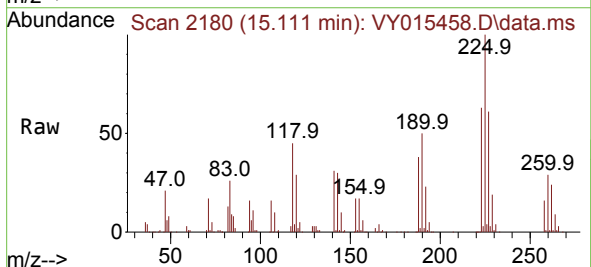
Tgt Ion:225 Resp: 85743

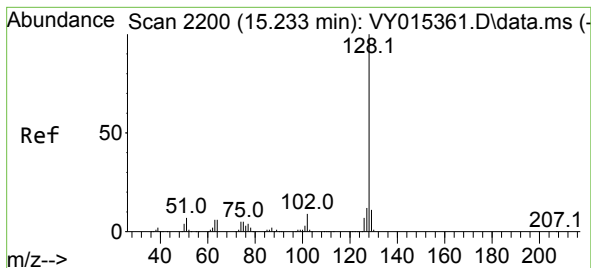
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.9

227 64.1 33.0 98.9





#95

Naphthalene

Concen: 54.622 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Instrument :

MSVOA\_Y

ClientSampleId :

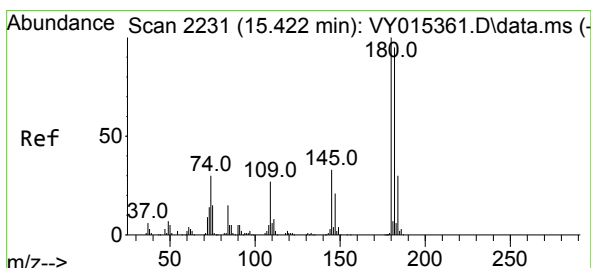
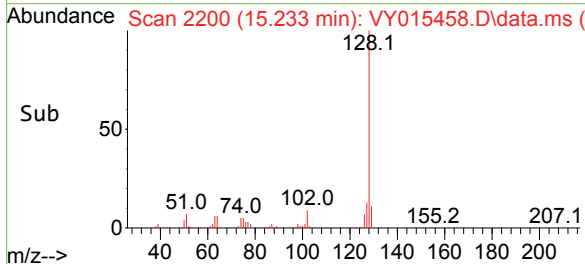
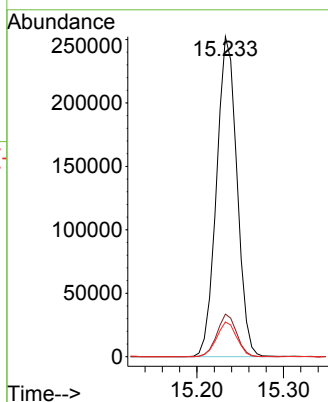
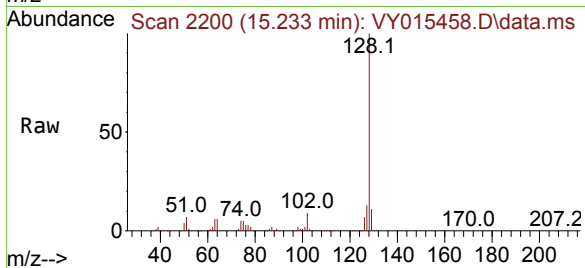
Tgt Ion:128 Resp: 413282

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.369 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015458.D

Acq: 07 Sep 2023 09:15

Tgt Ion:180 Resp: 145904

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.8

145 32.4 15.4 46.2

