

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081123\  
 Data File : VY015058.D  
 Acq On : 11 Aug 2023 15:43  
 Operator : SY/MD  
 Sample : VY0811SBS03  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 12 04:42:54 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080723S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 08 07:44:56 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 262813   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 429519   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.483 | 117  | 393078   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 202200   | 50.000 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |            |      |
|---------------------------|--------|-------|----------|----------|------------|------|
| 33) 1,2-Dichloroethane-d4 | 8.130  | 65    | 170508   | 53.528   | ug/l       | 0.00 |
| Spiked Amount             | 50.000 | Range | 50 - 163 | Recovery | = 107.060% |      |
| 35) Dibromofluoromethane  | 7.710  | 113   | 148556   | 54.086   | ug/l       | 0.00 |
| Spiked Amount             | 50.000 | Range | 54 - 147 | Recovery | = 108.180% |      |
| 50) Toluene-d8            | 10.173 | 98    | 557657   | 53.341   | ug/l       | 0.00 |
| Spiked Amount             | 50.000 | Range | 58 - 134 | Recovery | = 106.680% |      |
| 62) 4-Bromofluorobenzene  | 12.477 | 95    | 201584   | 54.405   | ug/l       | 0.00 |
| Spiked Amount             | 50.000 | Range | 30 - 143 | Recovery | = 108.800% |      |

## Target Compounds

|                              |       |     |        |         |        | Qvalue |
|------------------------------|-------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 30359  | 18.696  | ug/l   | 92     |
| 3) Chloromethane             | 2.107 | 50  | 37904  | 18.326  | ug/l   | 97     |
| 4) Vinyl Chloride            | 2.241 | 62  | 46227  | 18.138  | ug/l   | 100    |
| 5) Bromomethane              | 2.619 | 94  | 34265  | 18.297  | ug/l   | 97     |
| 6) Chloroethane              | 2.772 | 64  | 33553  | 19.068  | ug/l   | 98     |
| 7) Trichlorofluoromethane    | 3.107 | 101 | 75829  | 18.828  | ug/l   | 93     |
| 8) Diethyl Ether             | 3.521 | 74  | 29043  | 19.542  | ug/l   | 88     |
| 9) 1,1,2-Trichlorotrifluo... | 3.887 | 101 | 45898  | 19.251  | ug/l   | 97     |
| 10) Methyl Iodide            | 4.076 | 142 | 39858  | 16.170  | ug/l   | 98     |
| 11) Tert butyl alcohol       | 4.942 | 59  | 89399  | 116.289 | ug/l # | 91     |
| 12) 1,1-Dichloroethene       | 3.857 | 96  | 38401  | 18.486  | ug/l   | 88     |
| 13) Acrolein                 | 3.723 | 56  | 39990  | 152.911 | ug/l   | 99     |
| 14) Allyl chloride           | 4.466 | 41  | 63867  | 18.462  | ug/l   | 95     |
| 15) Acrylonitrile            | 5.149 | 53  | 97629  | 107.529 | ug/l   | 98     |
| 16) Acetone                  | 3.936 | 43  | 114274 | 115.045 | ug/l   | 92     |
| 17) Carbon Disulfide         | 4.180 | 76  | 64463  | 14.035  | ug/l   | 99     |
| 18) Methyl Acetate           | 4.466 | 43  | 76865  | 21.249  | ug/l   | 92     |
| 19) Methyl tert-butyl Ether  | 5.210 | 73  | 160933 | 20.477  | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene | 5.210 | 96  | 42200  | 17.822  | ug/l   | 89     |
| 22) Diisopropyl ether        | 6.112 | 45  | 159426 | 19.786  | ug/l   | 89     |
| 23) Vinyl Acetate            | 6.045 | 43  | 485660 | 100.266 | ug/l   | 95     |
| 24) 1,1-Dichloroethane       | 6.003 | 63  | 88707  | 19.409  | ug/l   | 97     |
| 25) 2-Butanone               | 6.972 | 43  | 159112 | 111.838 | ug/l   | 95     |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 88574  | 19.153  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene   | 6.972 | 96  | 58205  | 19.424  | ug/l   | 97     |
| 28) Bromochloromethane       | 7.320 | 49  | 44161  | 21.434  | ug/l   | 90     |
| 29) Tetrahydrofuran          | 7.338 | 42  | 88528  | 106.111 | ug/l   | 90     |
| 30) Chloroform               | 7.496 | 83  | 102559 | 20.657  | ug/l   | 97     |
| 31) Cyclohexane              | 7.771 | 56  | 62328  | 16.567  | ug/l # | 89     |
| 32) 1,1,1-Trichloroethane    | 7.691 | 97  | 86284  | 19.720  | ug/l   | 98     |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 60930  | 17.868  | ug/l   | 98     |
| 37) Ethyl Acetate            | 7.064 | 43  | 59563  | 22.005  | ug/l # | 96     |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 73873  | 19.270  | ug/l   | 100    |
| 39) Methylcyclohexane        | 9.173 | 83  | 70288  | 17.332  | ug/l   | 91     |
| 40) Benzene                  | 8.155 | 78  | 191747 | 19.096  | ug/l   | 98     |
| 41) Methacrylonitrile        | 7.332 | 41  | 83517  | 63.491  | ug/l # | 29     |

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 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 12 04:42:54 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080723S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 08 07:44:56 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 70797    | 20.255  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.265  | 43   | 104059   | 20.692  | ug/l   | 97       |
| 44) Trichloroethene           | 8.935  | 130  | 57107    | 19.820  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 52853    | 19.805  | ug/l   | 100      |
| 46) Dibromomethane            | 9.301  | 93   | 34628    | 20.143  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.490  | 83   | 80813    | 20.413  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.289  | 41   | 45394    | 20.573  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 14511    | 453.800 | ug/l # | 53       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 309739   | 109.294 | ug/l   | 94       |
| 52) Toluene                   | 10.240 | 92   | 127189   | 19.683  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 85006    | 20.619  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 88902    | 19.959  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.636 | 97   | 51734    | 20.705  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.502 | 69   | 74519    | 20.829  | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 10.782 | 76   | 85284    | 20.631  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 176953   | 104.603 | ug/l   | 92       |
| 59) 2-Hexanone                | 10.825 | 43   | 236175   | 112.812 | ug/l   | 93       |
| 60) Dibromochloromethane      | 10.977 | 129  | 62832    | 21.120  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.081 | 107  | 49840    | 20.898  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 61243    | 20.713  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.508 | 112  | 149389   | 20.029  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 59453    | 20.342  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.587 | 91   | 259121   | 19.796  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.697 | 106  | 198426   | 39.626  | ug/l   | 96       |
| 69) o-Xylene                  | 12.026 | 106  | 98337    | 20.069  | ug/l   | 97       |
| 70) Styrene                   | 12.038 | 104  | 171071   | 20.429  | ug/l   | 96       |
| 71) Bromoform                 | 12.203 | 173  | 43442    | 21.564  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.325 | 105  | 265896   | 19.562  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 94478    | 20.344  | ug/l   | 92       |
| 75) 1,1,2,2-Tetrachloroethane | 12.575 | 83   | 68230    | 20.541  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 91108    | 37.604  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 64985    | 19.711  | ug/l   | 97       |
| 78) n-propylbenzene           | 12.666 | 91   | 316497   | 19.468  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.752 | 91   | 182501   | 19.697  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 222730   | 19.885  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.374 | 75   | 22870    | 20.795  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 187208   | 19.545  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.069 | 119  | 207304   | 20.231  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 225403   | 20.085  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 295817   | 19.671  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 245192   | 19.697  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 131759   | 20.417  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 133238   | 20.703  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.690 | 91   | 233044   | 19.925  | ug/l   | 96       |
| 90) Hexachloroethane          | 13.959 | 117  | 46645    | 19.296  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 13.733 | 146  | 125031   | 20.993  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.349 | 75   | 13772    | 21.235  | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 80207    | 21.045  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 42704    | 20.663  | ug/l   | 99       |
| 95) Naphthalene               | 15.233 | 128  | 197571   | 22.031  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 71269    | 20.659  | ug/l   | 99       |

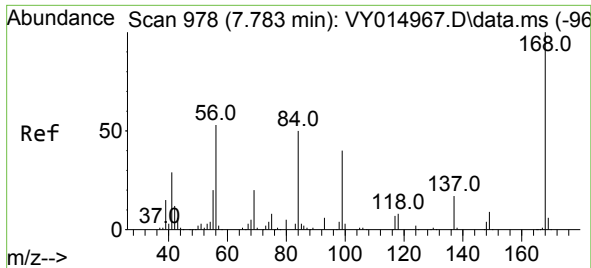
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081123\  
Data File : VY015058.D  
Acq On : 11 Aug 2023 15:43  
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Quant Title : SW846 8260  
QLast Update : Tue Aug 08 07:44:56 2023  
Response via : Initial Calibration

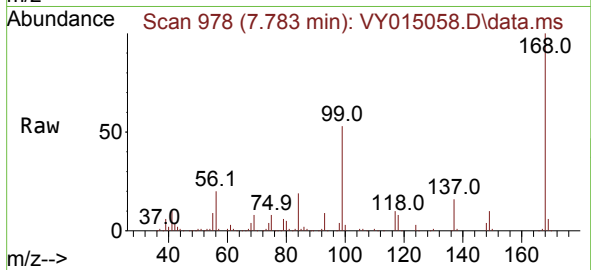
| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |



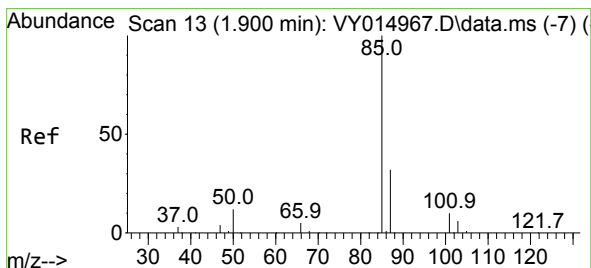
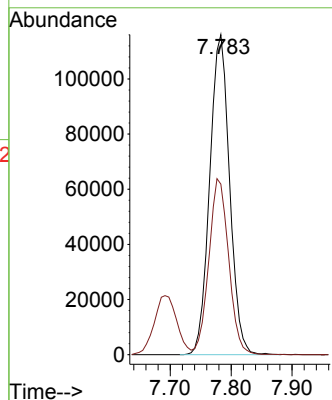
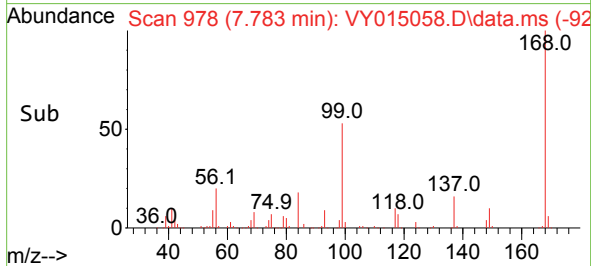


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Instrument :  
MSVOA\_Y  
ClientSampleId :

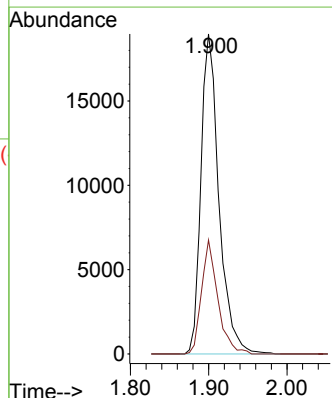
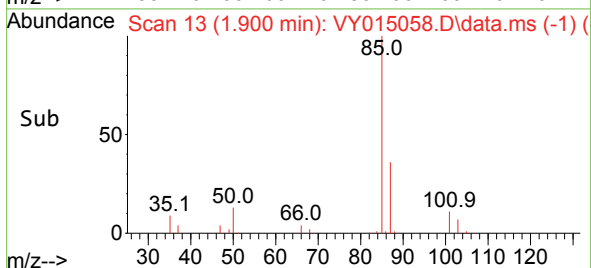
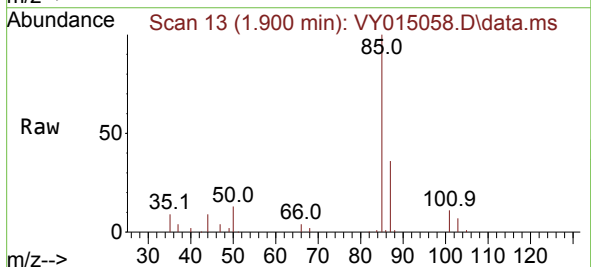


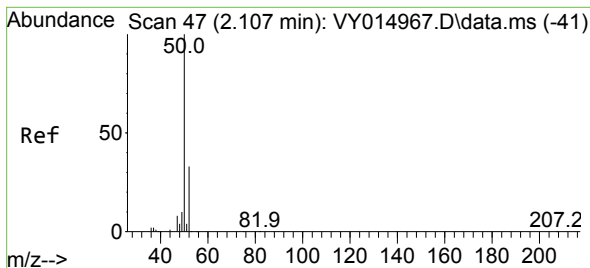
Tgt Ion:168 Resp: 262813  
Ion Ratio Lower Upper  
168 100  
99 53.2 43.4 65.0



#2  
Dichlorodifluoromethane  
Concen: 18.696 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 85 Resp: 30359  
Ion Ratio Lower Upper  
85 100  
87 35.6 15.6 46.8





#3

Chloromethane

Concen: 18.326 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA\_Y

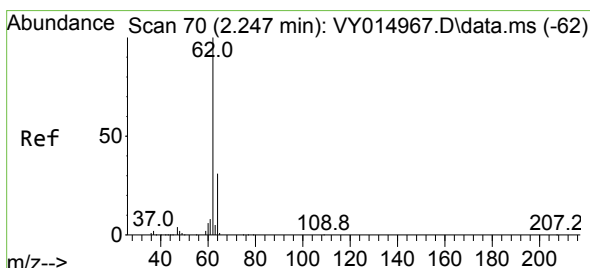
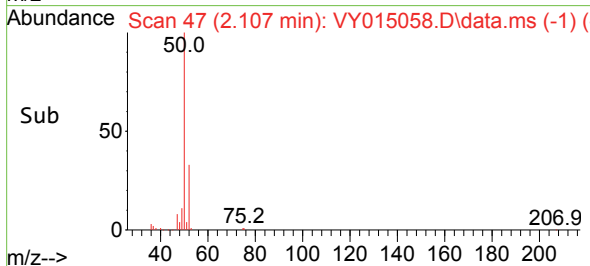
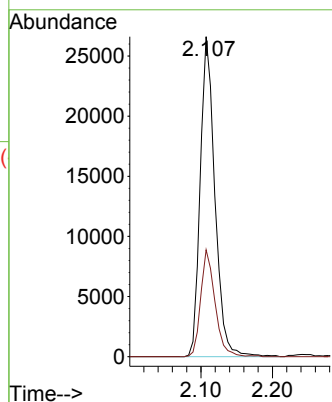
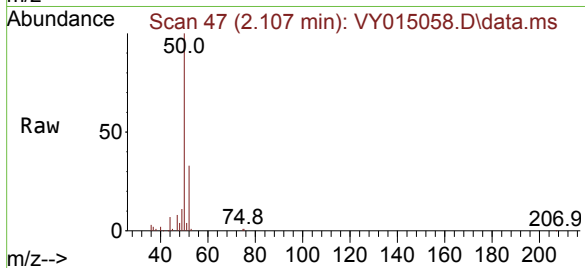
ClientSampleId :

Tgt Ion: 50 Resp: 37904

Ion Ratio Lower Upper

50 100

52 33.4 25.4 38.2



#4

Vinyl Chloride

Concen: 18.138 ug/l

RT: 2.241 min Scan# 69

Delta R.T. -0.006 min

Lab File: VY015058.D

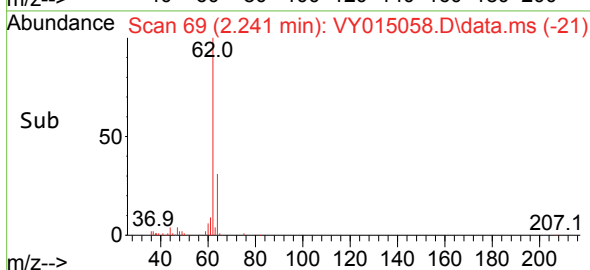
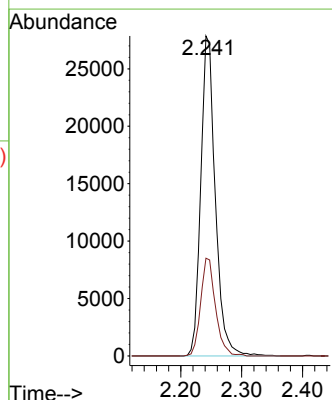
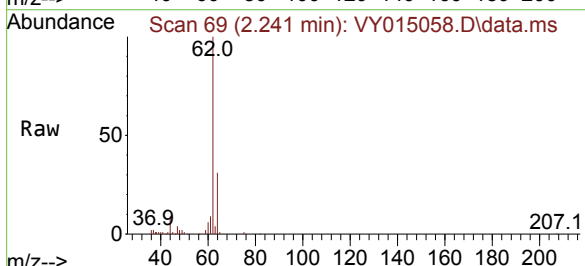
Acq: 11 Aug 2023 15:43

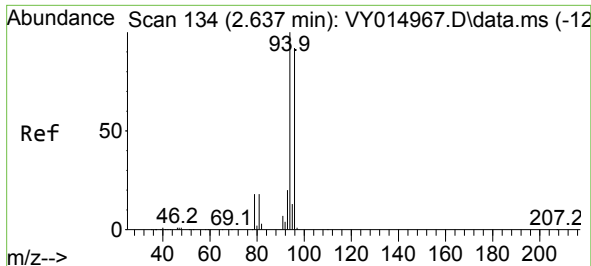
Tgt Ion: 62 Resp: 46227

Ion Ratio Lower Upper

62 100

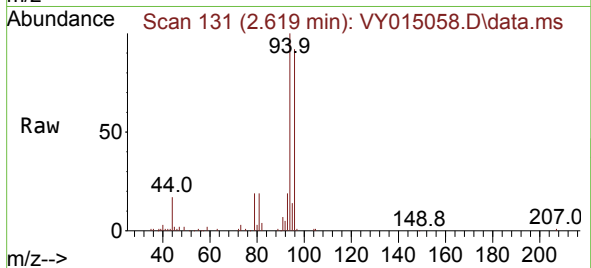
64 30.6 24.3 36.5



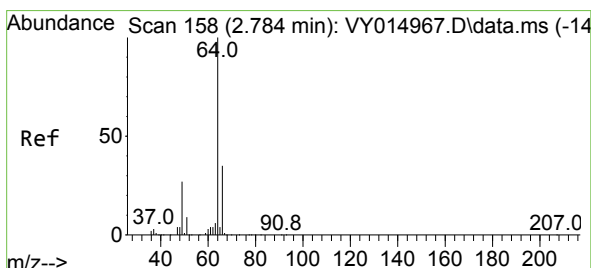
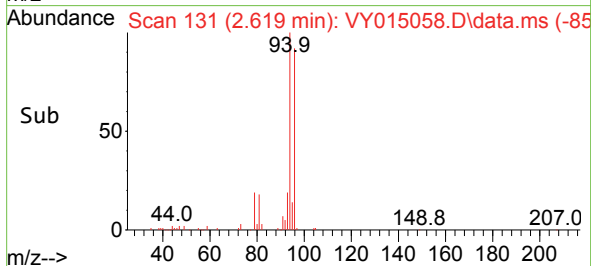
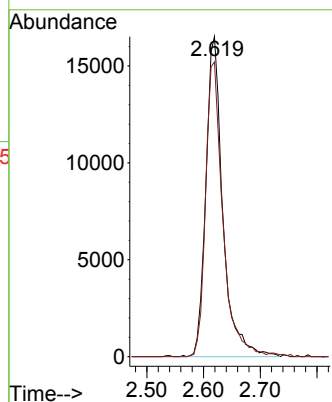


#5  
Bromomethane  
Concen: 18.297 ug/l  
RT: 2.619 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Instrument :  
MSVOA\_Y  
ClientSampleId :

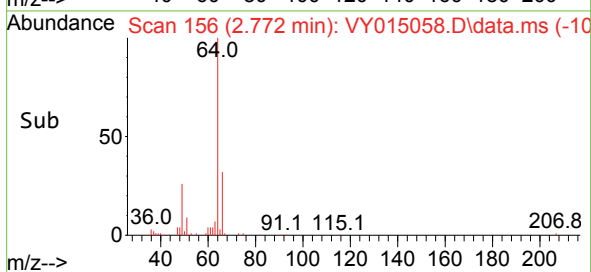
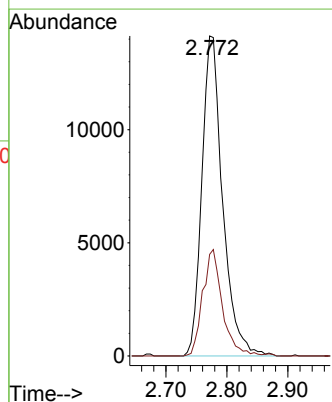
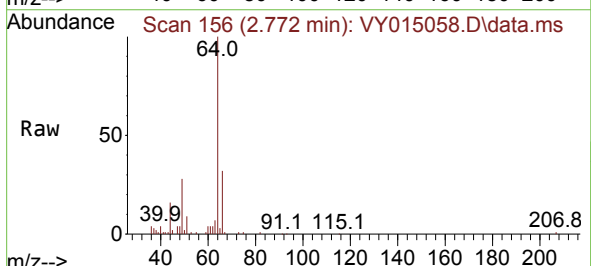


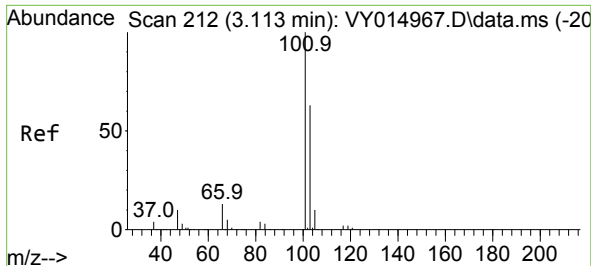
Tgt Ion: 94 Resp: 34265  
Ion Ratio Lower Upper  
94 100  
96 92.1 75.8 113.6



#6  
Chloroethane  
Concen: 19.068 ug/l  
RT: 2.772 min Scan# 156  
Delta R.T. -0.012 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 64 Resp: 33553  
Ion Ratio Lower Upper  
64 100  
66 31.7 24.4 36.6

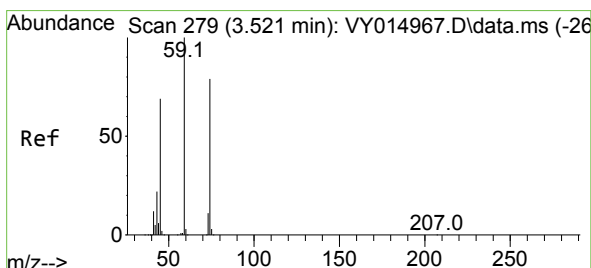
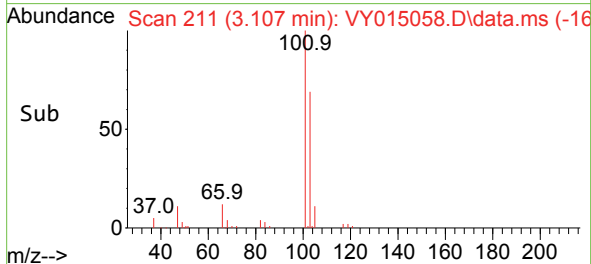
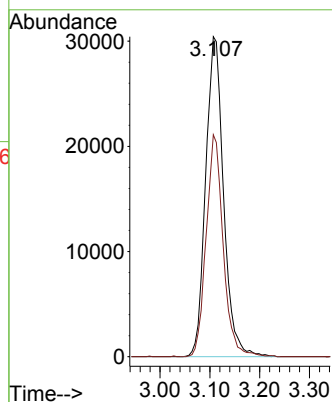
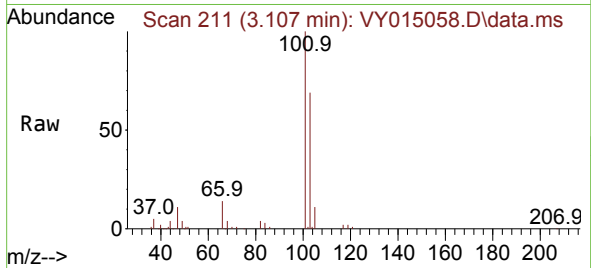




#7  
 Trichlorofluoromethane  
 Concen: 18.828 ug/l  
 RT: 3.107 min Scan# 212  
 Delta R.T. -0.006 min  
 Lab File: VY015058.D  
 Acq: 11 Aug 2023 15:43

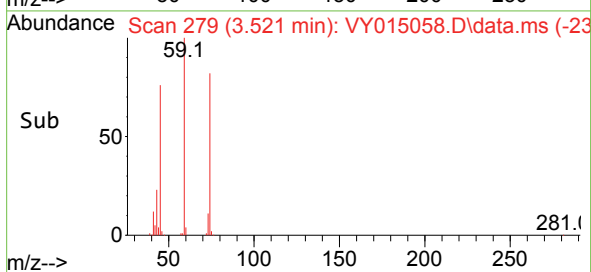
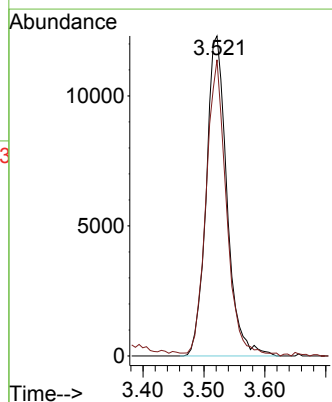
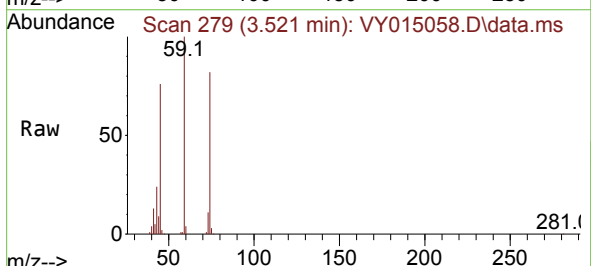
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

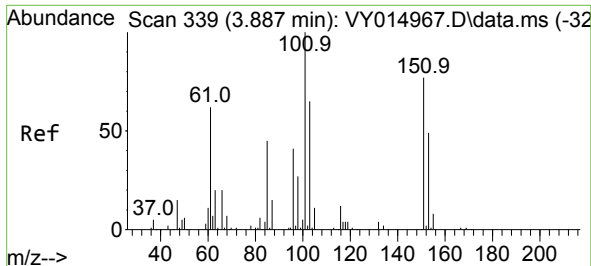
Tgt Ion:101 Resp: 75829  
 Ion Ratio Lower Upper  
 101 100  
 103 69.3 51.4 77.0



#8  
 Diethyl Ether  
 Concen: 19.542 ug/l  
 RT: 3.521 min Scan# 279  
 Delta R.T. 0.000 min  
 Lab File: VY015058.D  
 Acq: 11 Aug 2023 15:43

Tgt Ion: 74 Resp: 29043  
 Ion Ratio Lower Upper  
 74 100  
 45 91.2 51.5 154.5

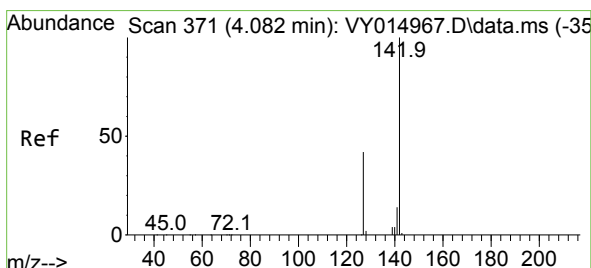
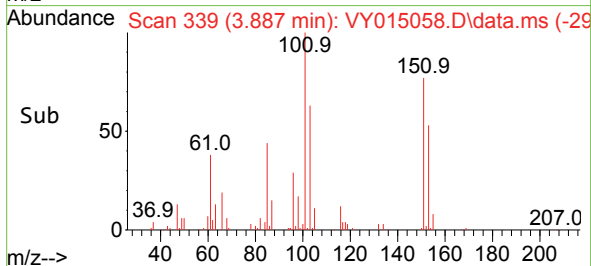
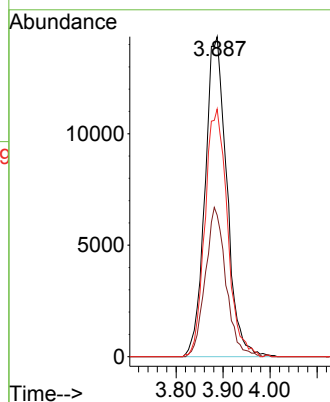
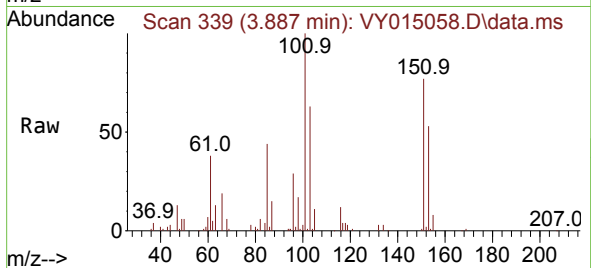




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.251 ug/l  
RT: 3.887 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

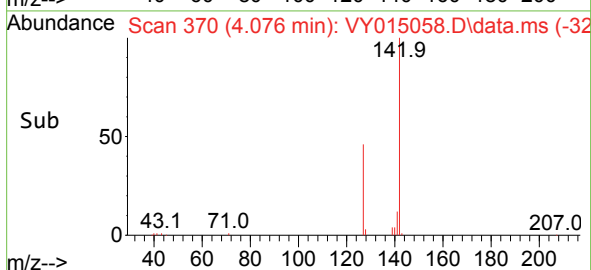
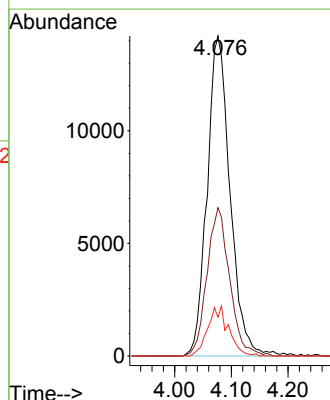
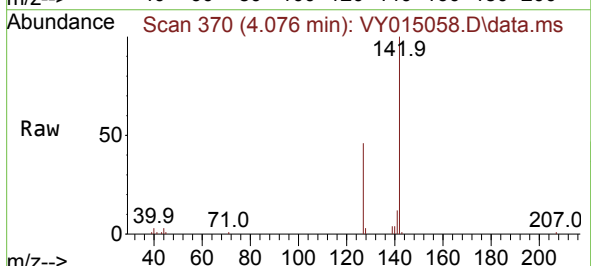
Instrument :  
MSVOA\_Y  
ClientSampleId :

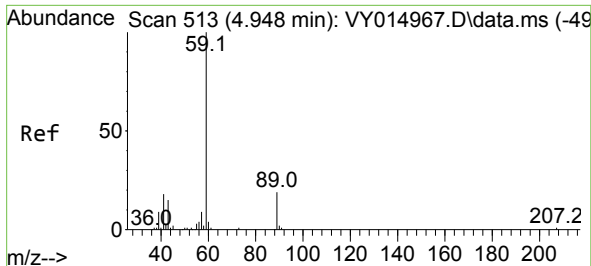
Tgt Ion:101 Resp: 45898  
Ion Ratio Lower Upper  
101 100  
85 44.5 36.6 55.0  
151 80.0 67.0 100.6



#10  
Methyl Iodide  
Concen: 16.170 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion:142 Resp: 39858  
Ion Ratio Lower Upper  
142 100  
127 45.8 37.6 56.4  
141 14.2 11.8 17.8





#11

Tert butyl alcohol

Concen: 116.289 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

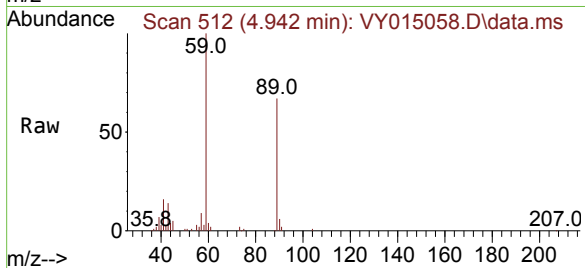
Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA\_Y

ClientSampleId :

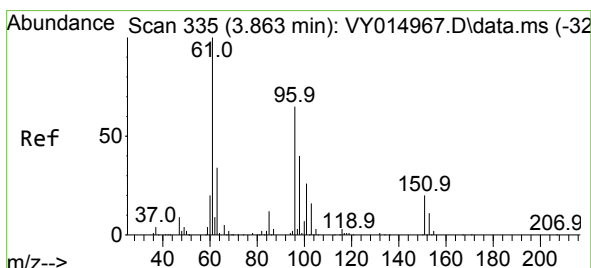
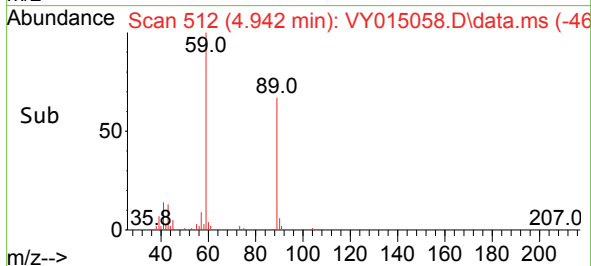
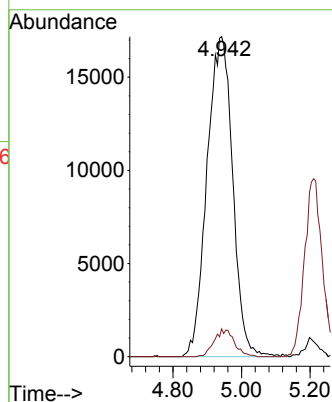


Tgt Ion: 59 Resp: 89399

Ion Ratio Lower Upper

59 100

57 6.7 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 18.486 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

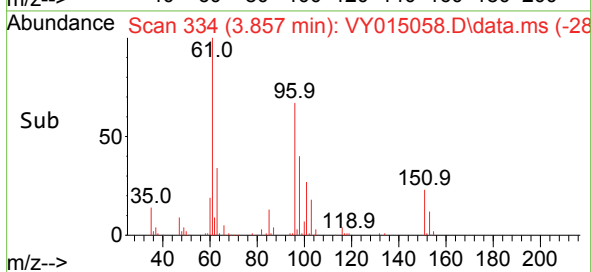
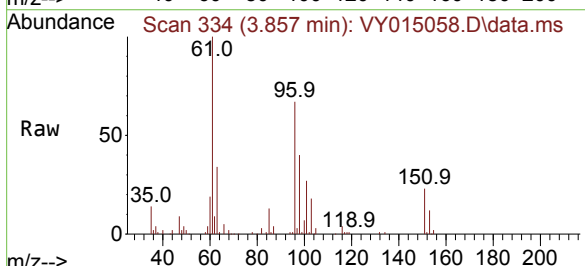
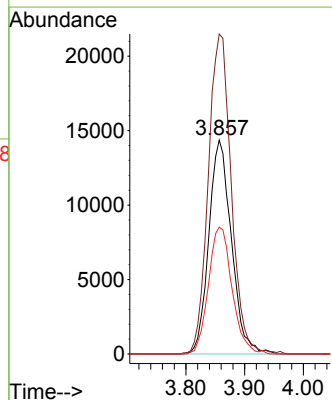
Tgt Ion: 96 Resp: 38401

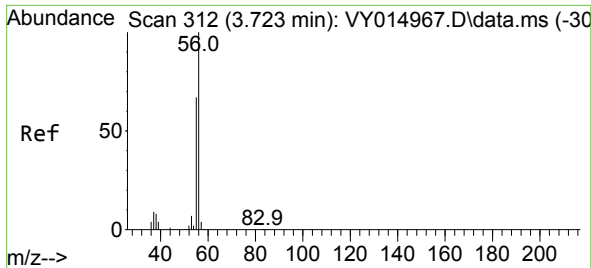
Ion Ratio Lower Upper

96 100

61 149.6 136.4 204.6

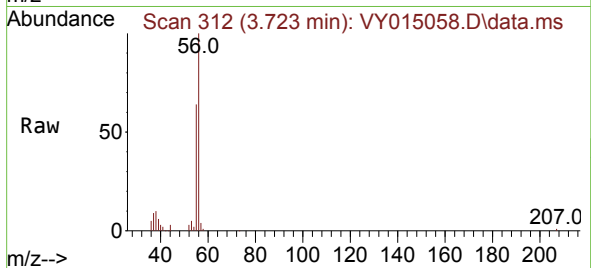
98 59.3 49.4 74.2



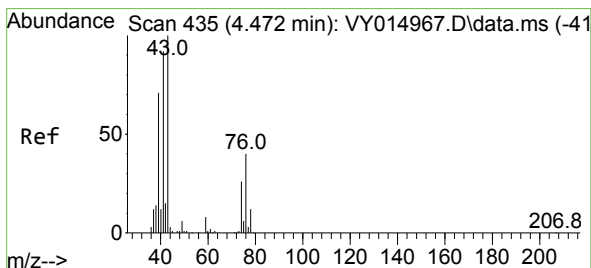
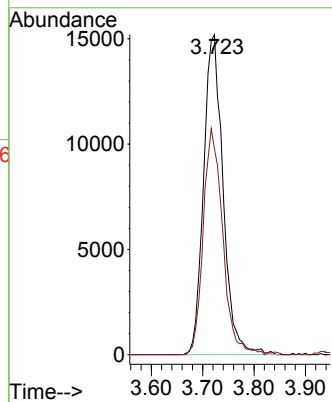
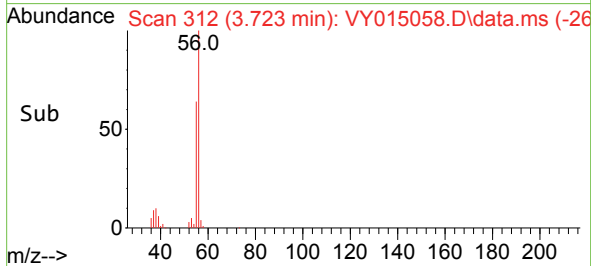


#13  
Acrolein  
Concen: 152.911 ug/l  
RT: 3.723 min Scan# 312  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

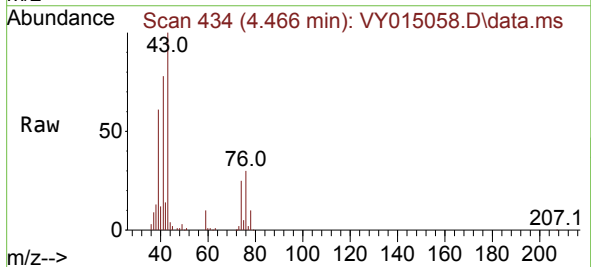
Instrument :  
MSVOA\_Y  
ClientSampleId :



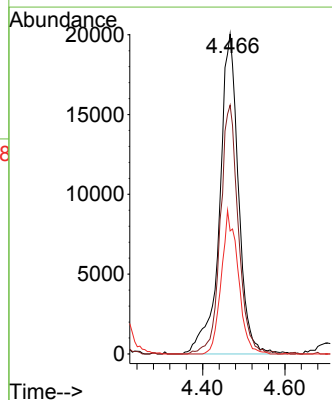
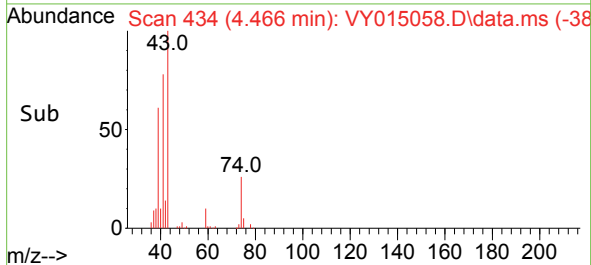
Tgt Ion: 56 Resp: 39990  
Ion Ratio Lower Upper  
56 100  
55 70.4 57.0 85.4

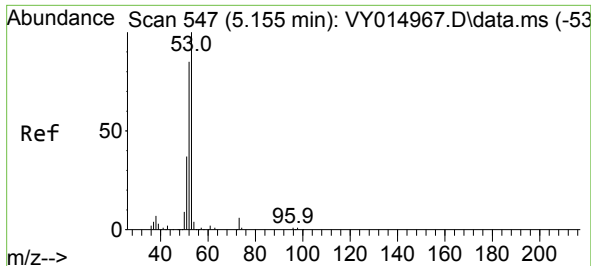


#14  
Allyl chloride  
Concen: 18.462 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43



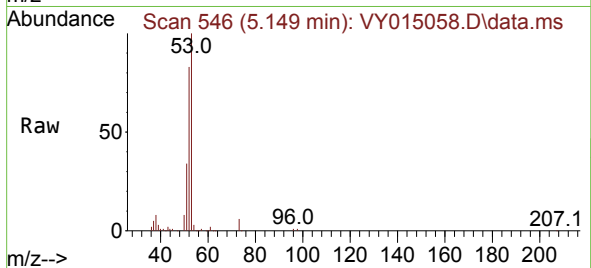
Tgt Ion: 41 Resp: 63867  
Ion Ratio Lower Upper  
41 100  
39 74.2 58.0 87.0  
76 40.2 27.4 41.2



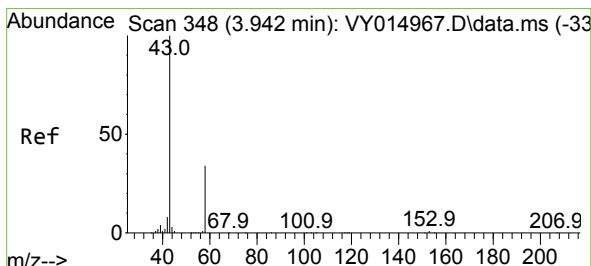
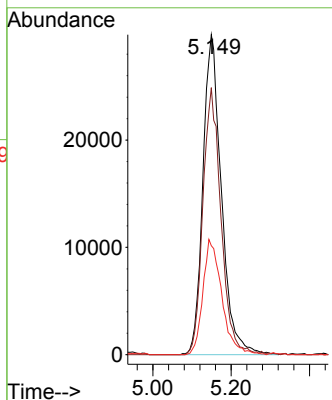
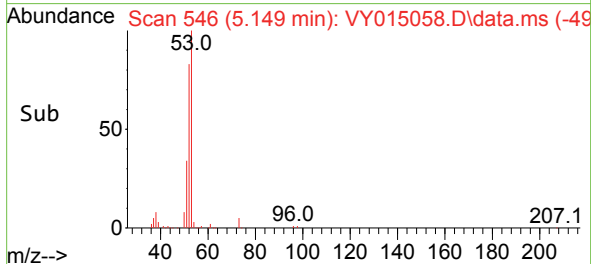


#15  
Acrylonitrile  
Concen: 107.529 ug/l  
RT: 5.149 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Instrument :  
MSVOA\_Y  
ClientSampleId :

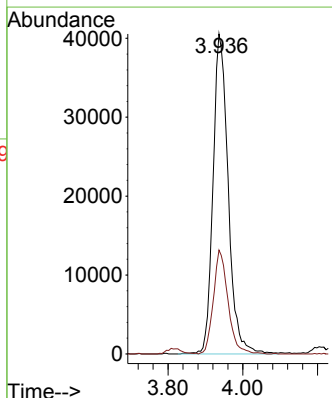
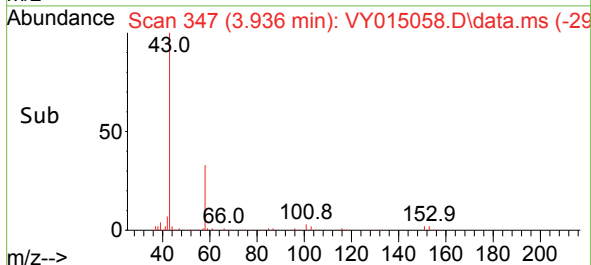
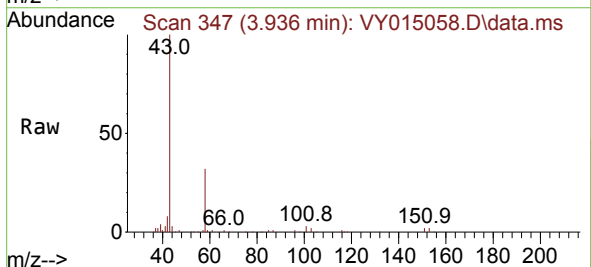


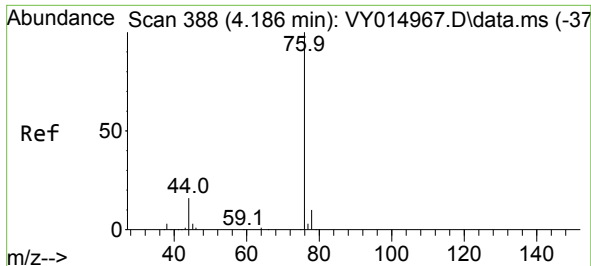
Tgt Ion: 53 Resp: 97629  
Ion Ratio Lower Upper  
53 100  
52 81.3 66.9 100.3  
51 36.9 29.8 44.6



#16  
Acetone  
Concen: 115.045 ug/l  
RT: 3.936 min Scan# 347  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 43 Resp: 114274  
Ion Ratio Lower Upper  
43 100  
58 32.4 22.7 34.1

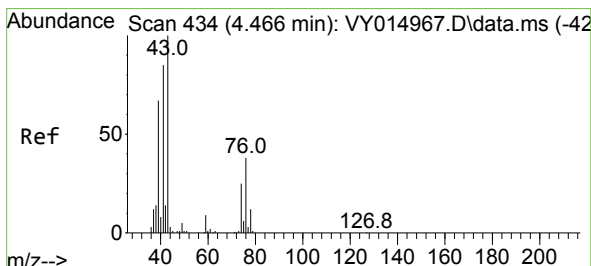
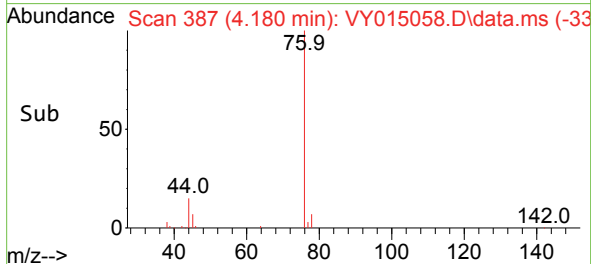
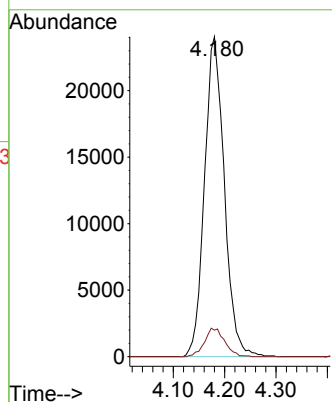
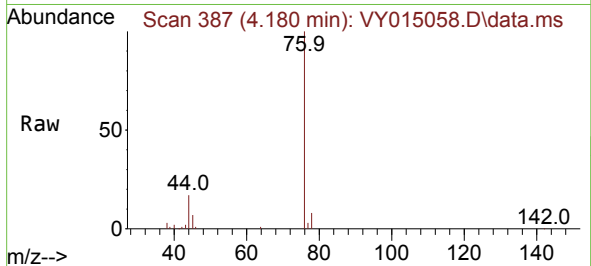




#17  
Carbon Disulfide  
Concen: 14.035 ug/l  
RT: 4.180 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

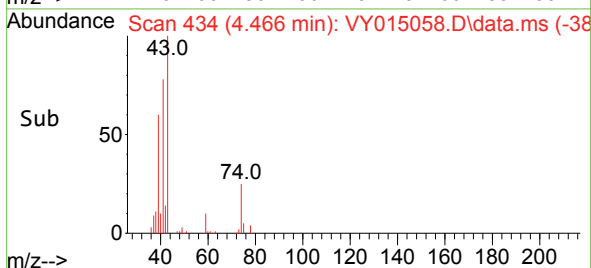
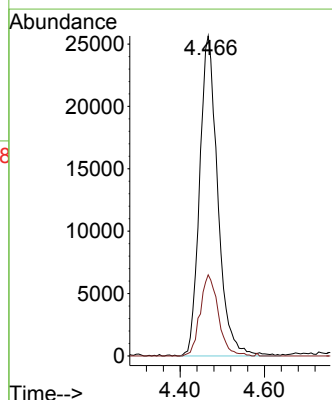
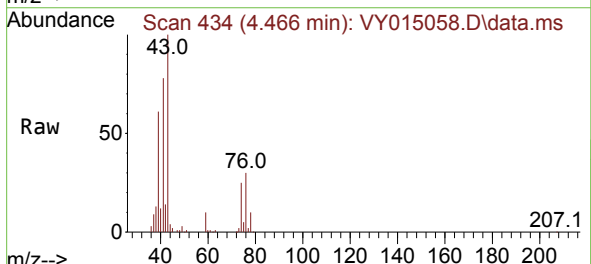
Instrument :  
MSVOA\_Y  
ClientSampleId :

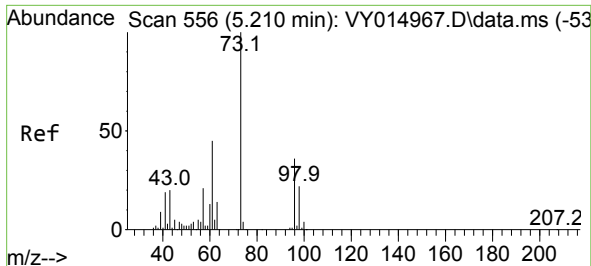
Tgt Ion: 76 Resp: 64463  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.0 10.4



#18  
Methyl Acetate  
Concen: 21.249 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 43 Resp: 76865  
Ion Ratio Lower Upper  
43 100  
74 25.4 17.4 26.0

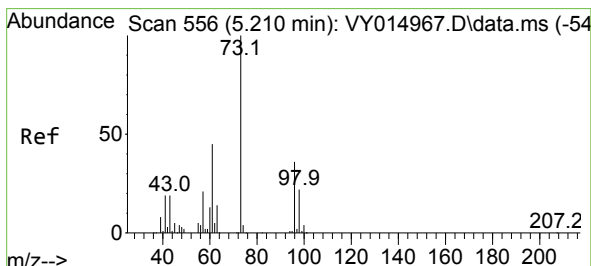
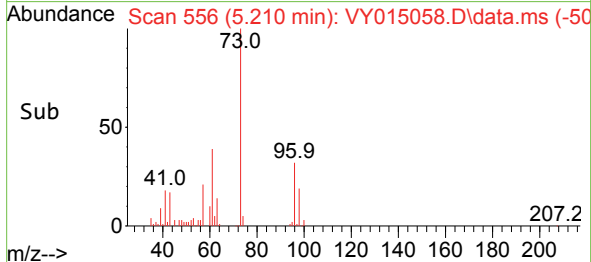
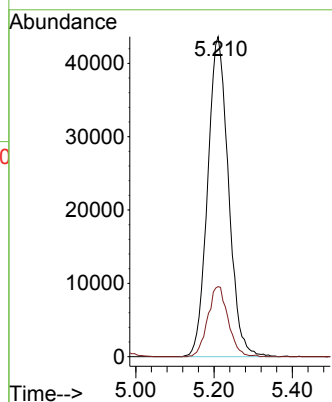
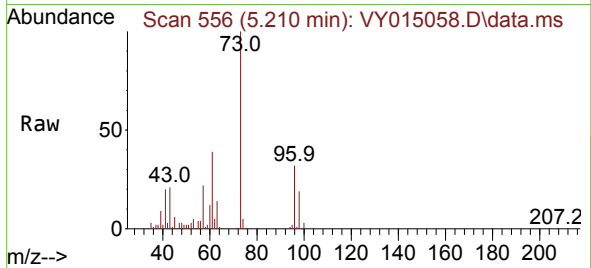




#19  
Methyl tert-butyl Ether  
Concen: 20.477 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

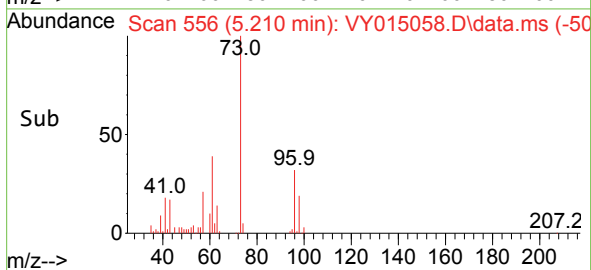
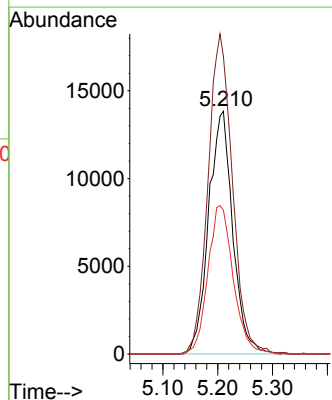
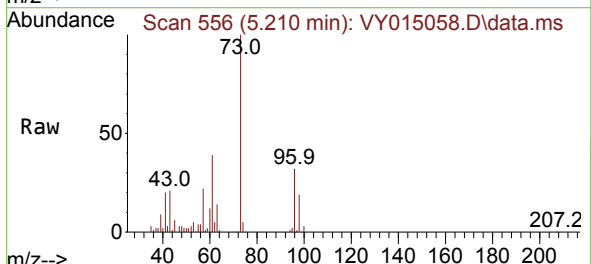
Instrument :  
MSVOA\_Y  
ClientSampleId :

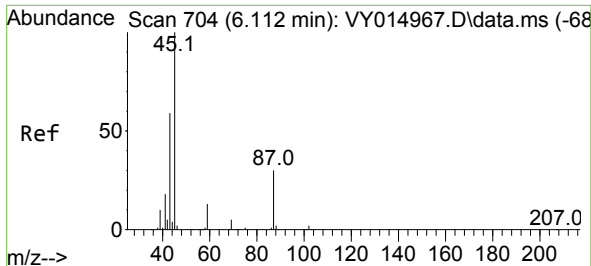
Tgt Ion: 73 Resp: 160933  
Ion Ratio Lower Upper  
73 100  
57 21.9 17.3 25.9



#21  
trans-1,2-Dichloroethene  
Concen: 17.822 ug/l  
RT: 5.210 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

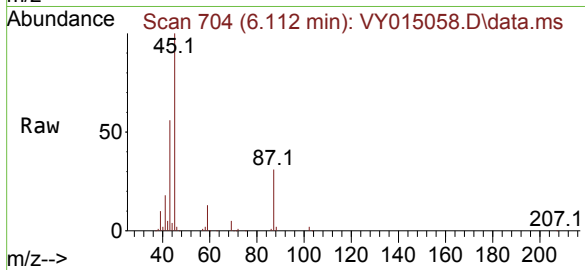
Tgt Ion: 96 Resp: 42200  
Ion Ratio Lower Upper  
96 100  
61 122.7 110.2 165.4  
98 59.3 51.8 77.6



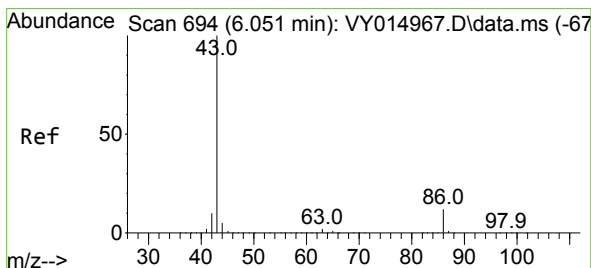
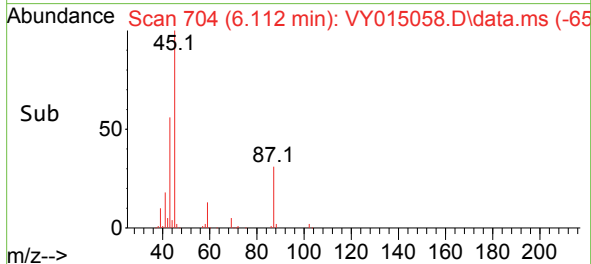
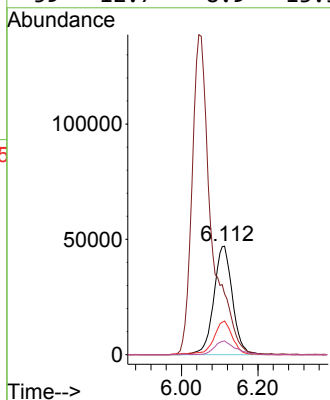


#22  
Diisopropyl ether  
Concen: 19.786 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Instrument :  
MSVOA\_Y  
ClientSampleId :

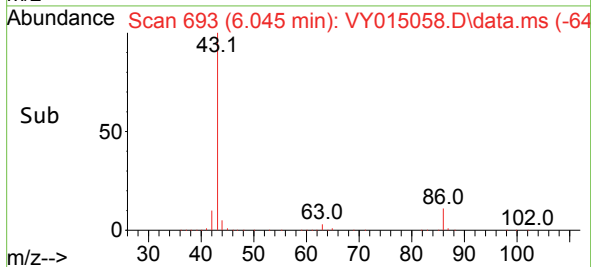
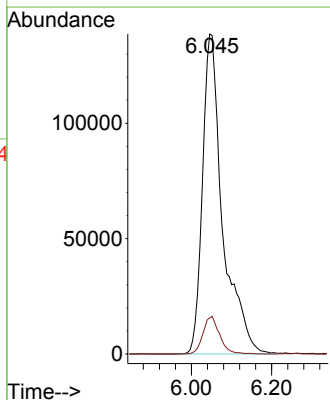
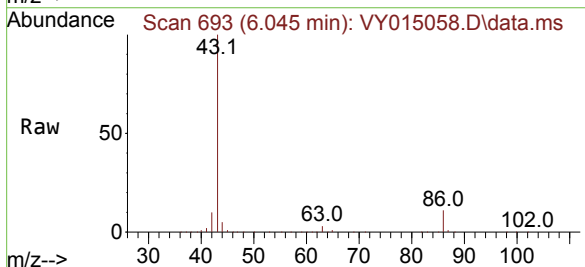


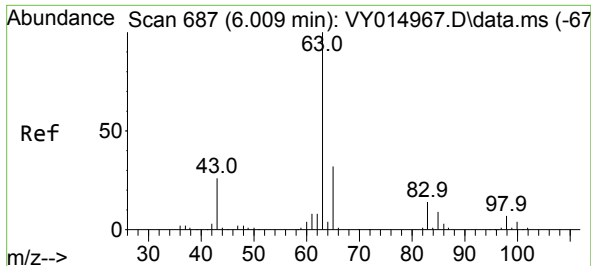
Tgt Ion: 45 Resp: 159426  
Ion Ratio Lower Upper  
45 100  
43 55.5 52.2 78.4  
87 31.1 21.0 31.6  
59 12.7 8.9 13.3



#23  
Vinyl Acetate  
Concen: 100.266 ug/l  
RT: 6.045 min Scan# 693  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 43 Resp: 485660  
Ion Ratio Lower Upper  
43 100  
86 11.3 7.5 11.3

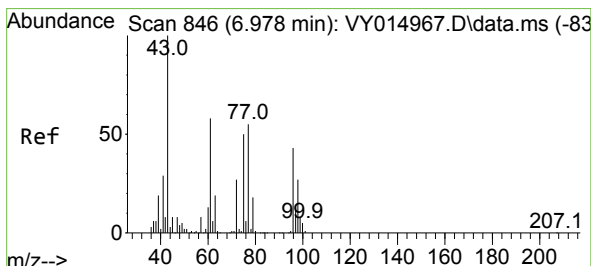
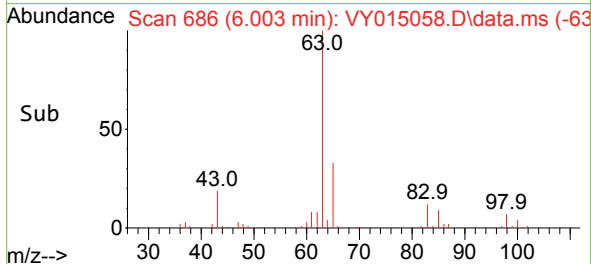
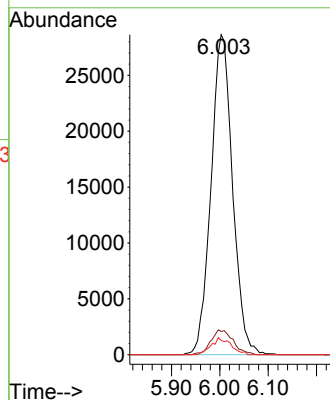
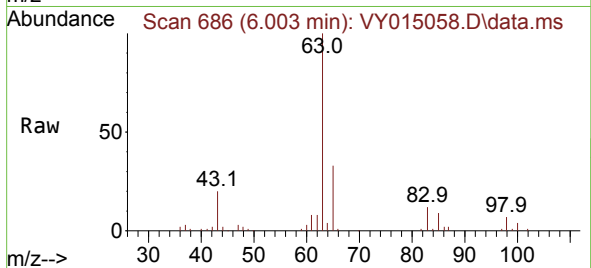




#24  
1,1-Dichloroethane  
Concen: 19.409 ug/l  
RT: 6.003 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

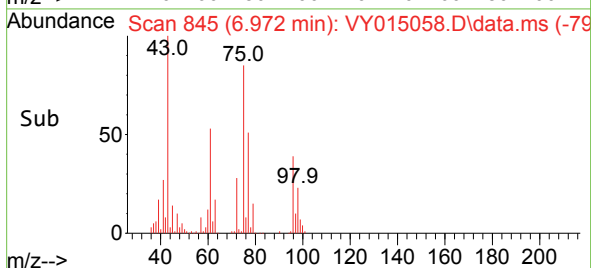
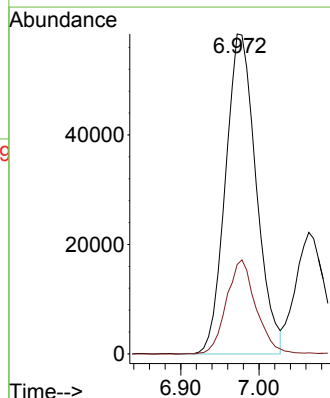
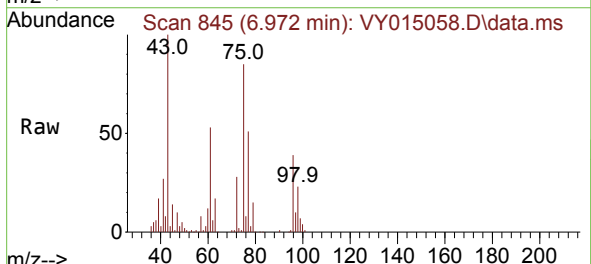
Instrument :  
MSVOA\_Y  
ClientSampleId :

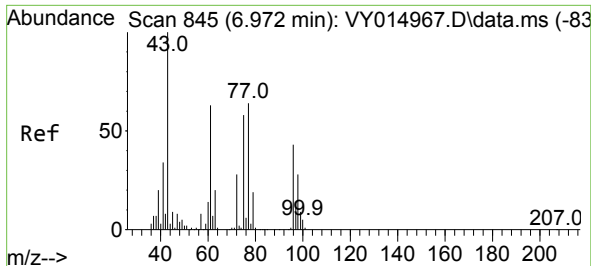
Tgt Ion: 63 Resp: 88707  
Ion Ratio Lower Upper  
63 100  
98 7.3 3.1 9.4  
100 4.4 1.8 5.5



#25  
2-Butanone  
Concen: 111.838 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

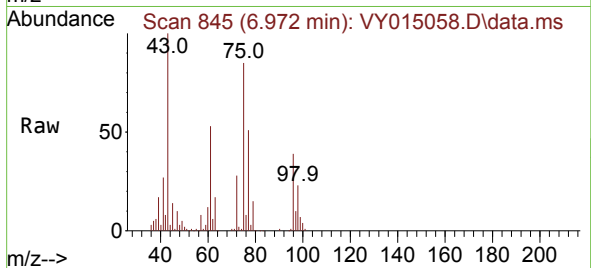
Tgt Ion: 43 Resp: 159112  
Ion Ratio Lower Upper  
43 100  
72 28.0 20.5 30.7



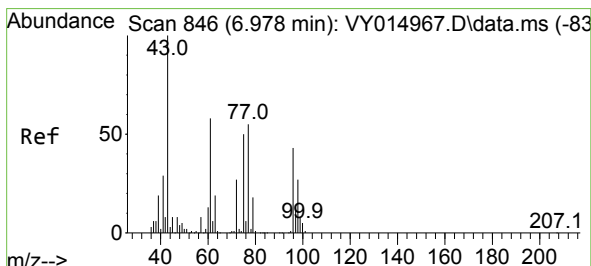
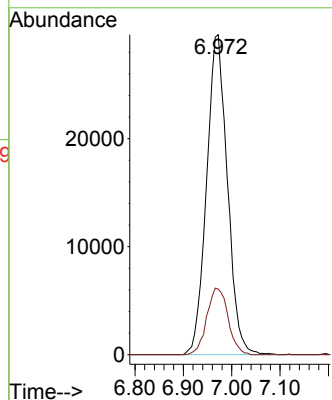
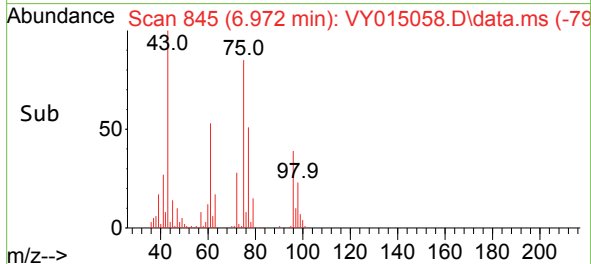


#26  
2,2-Dichloropropane  
Concen: 19.153 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

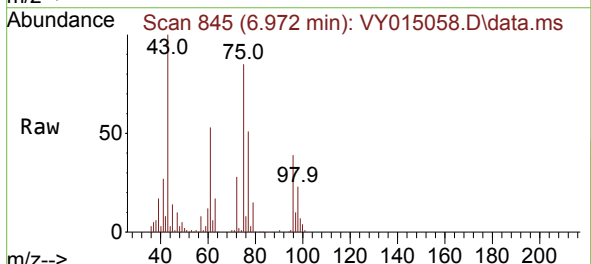
Instrument :  
MSVOA\_Y  
ClientSampleId :



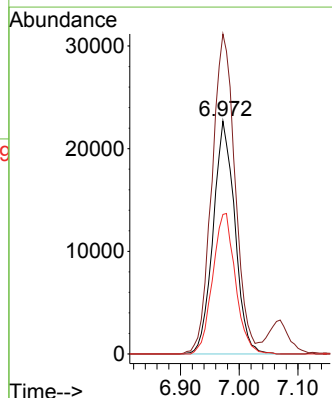
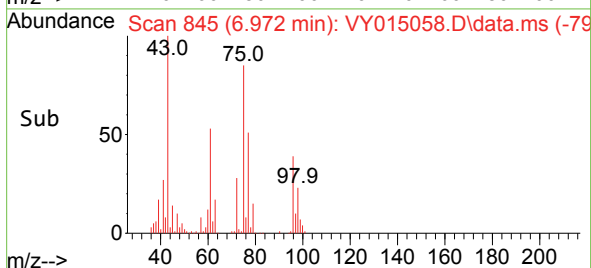
Tgt Ion: 77 Resp: 88574  
Ion Ratio Lower Upper  
77 100  
97 21.2 10.9 32.9

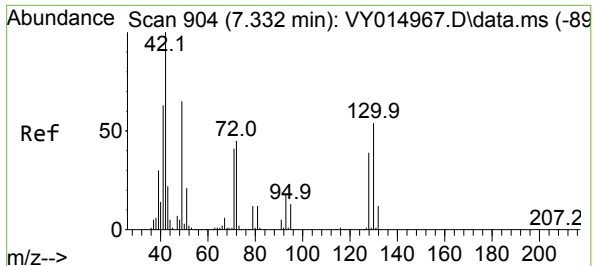


#27  
cis-1,2-Dichloroethene  
Concen: 19.424 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43



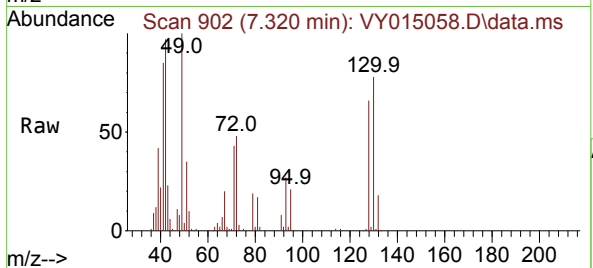
Tgt Ion: 96 Resp: 58205  
Ion Ratio Lower Upper  
96 100  
61 147.1 0.0 301.4  
98 63.4 0.0 130.4



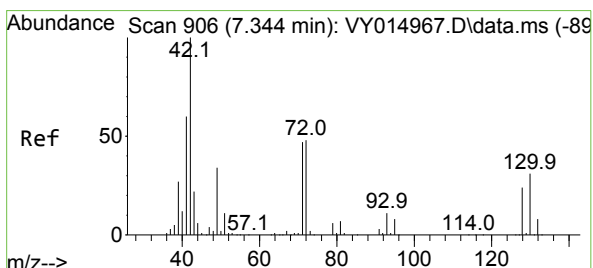
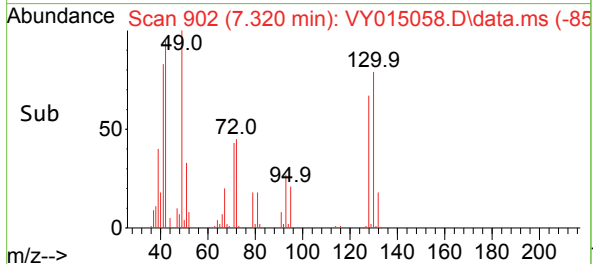
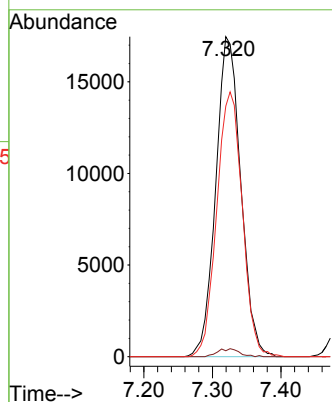


#28  
Bromochloromethane  
Concen: 21.434 ug/l  
RT: 7.320 min Scan# 902  
Delta R.T. -0.012 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Instrument :  
MSVOA\_Y  
ClientSampleId :

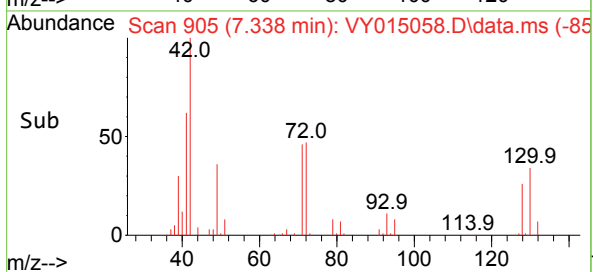
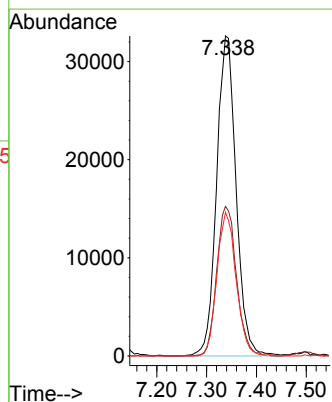
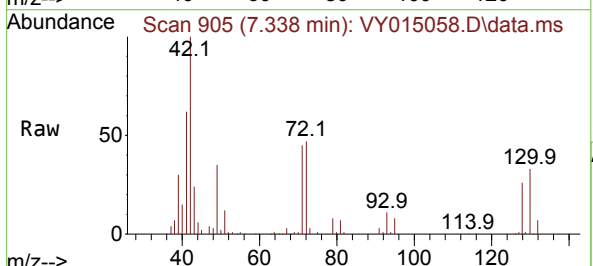


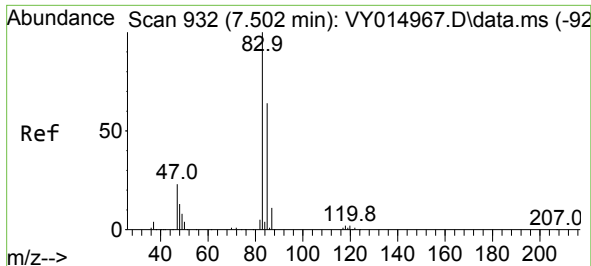
Tgt Ion: 49 Resp: 44161  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 4.6  
130 84.6 60.7 91.1



#29  
Tetrahydrofuran  
Concen: 106.111 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 42 Resp: 88528  
Ion Ratio Lower Upper  
42 100  
72 47.5 32.8 49.2  
71 44.3 31.0 46.4

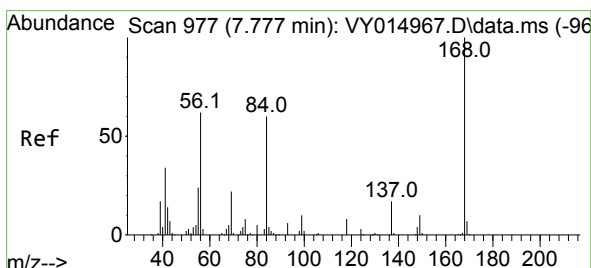
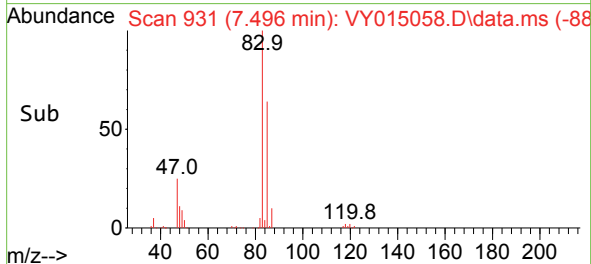
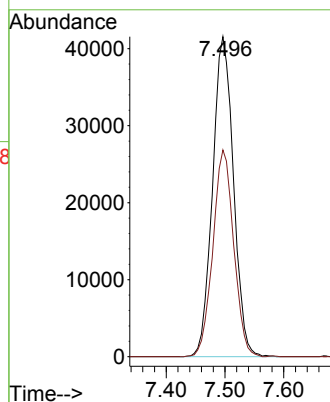
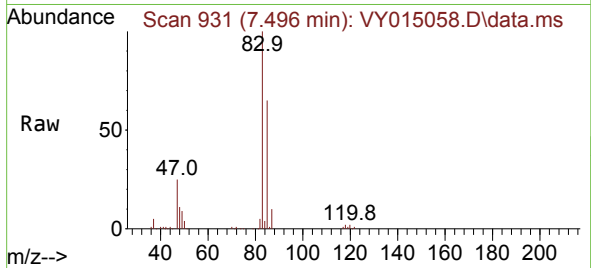




#30  
Chloroform  
Concen: 20.657 ug/l  
RT: 7.496 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

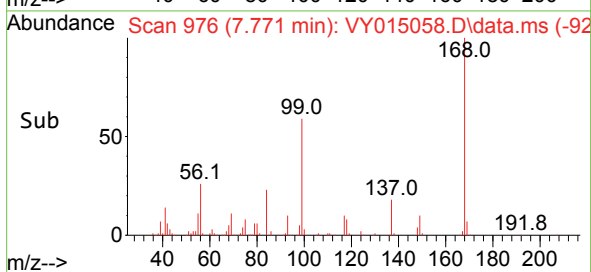
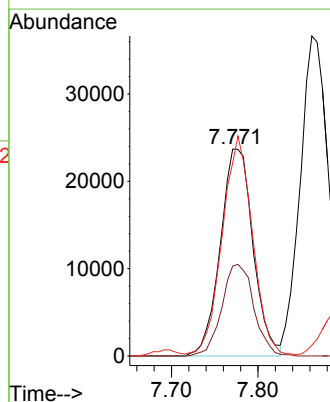
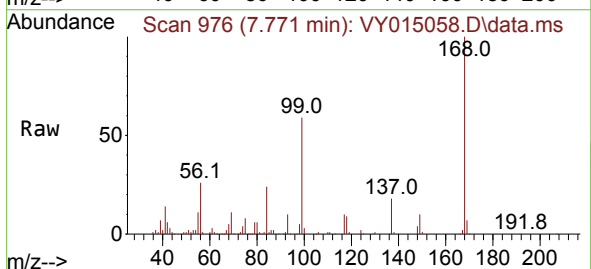
Instrument :  
MSVOA\_Y  
ClientSampleId :

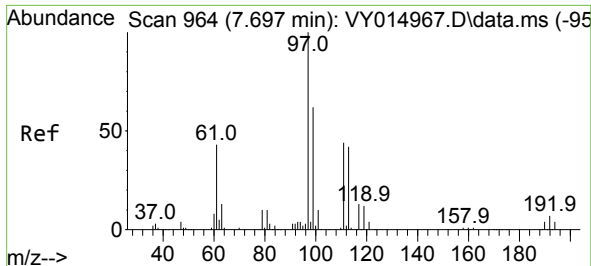
Tgt Ion: 83 Resp: 102559  
Ion Ratio Lower Upper  
83 100  
85 64.6 49.7 74.5



#31  
Cyclohexane  
Concen: 16.567 ug/l  
RT: 7.771 min Scan# 976  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 56 Resp: 62328  
Ion Ratio Lower Upper  
56 100  
69 43.4 27.8 41.6#  
84 91.9 66.4 99.6

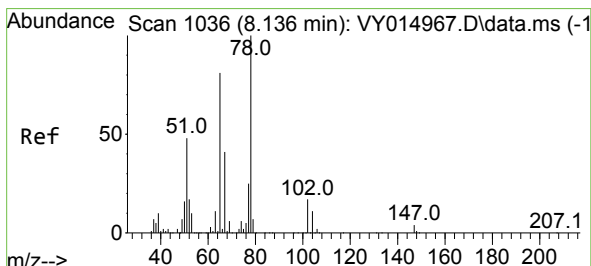
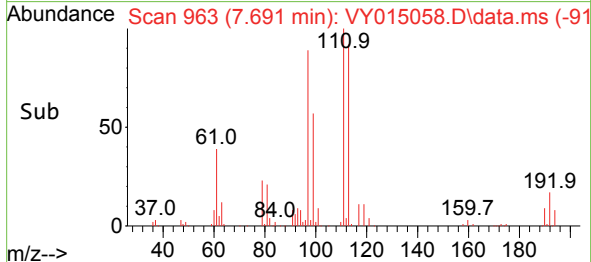
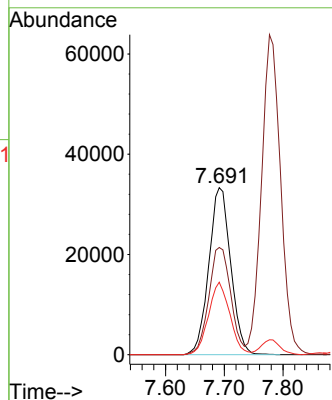
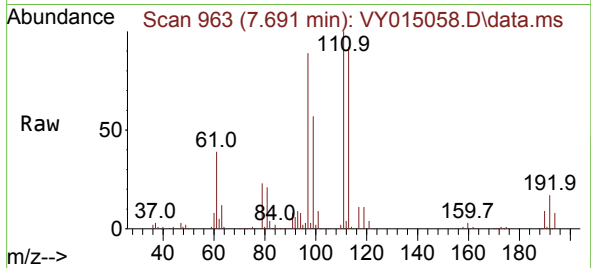




#32  
1,1,1-Trichloroethane  
Concen: 19.720 ug/l  
RT: 7.691 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

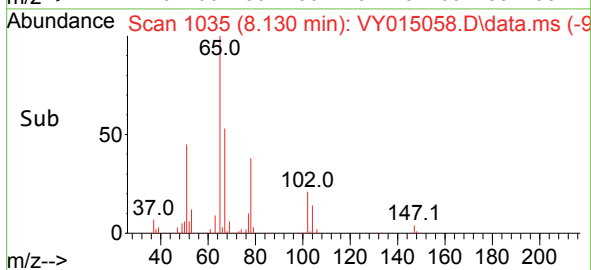
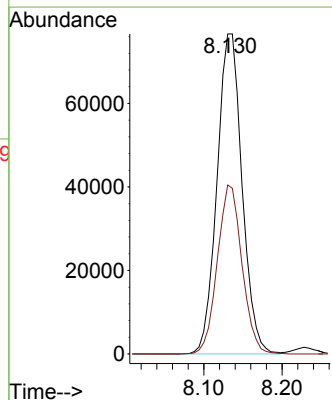
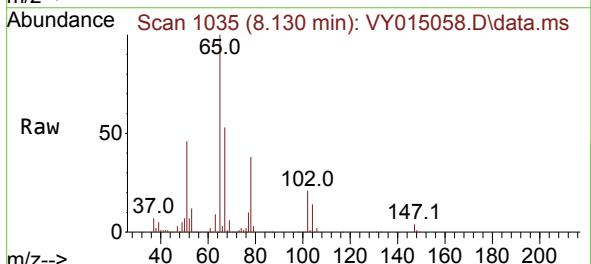
Instrument :  
MSVOA\_Y  
ClientSampleId :

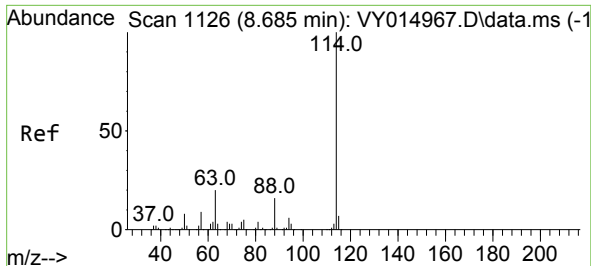
Tgt Ion: 97 Resp: 86284  
Ion Ratio Lower Upper  
97 100  
99 64.4 50.8 76.2  
61 42.4 35.1 52.7



#33  
1,2-Dichloroethane-d4  
Concen: 53.528 ug/l  
RT: 8.130 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 65 Resp: 170508  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 101.8

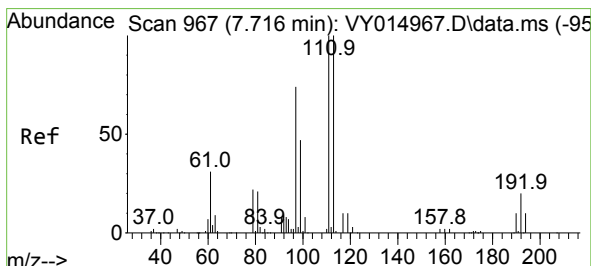
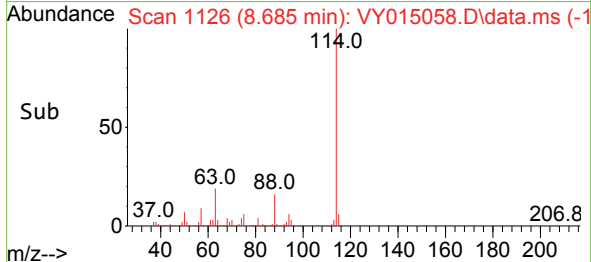
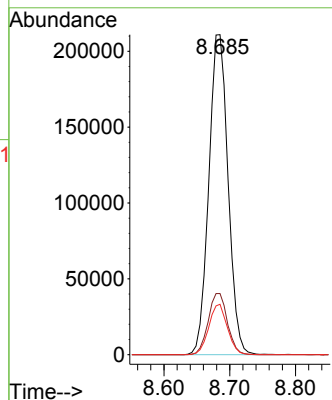
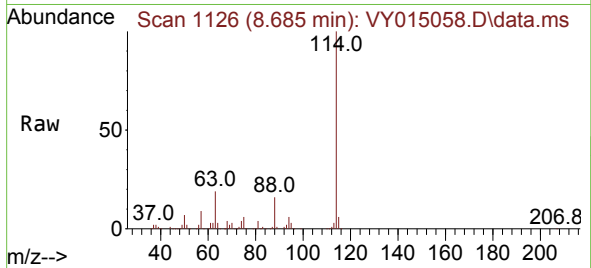




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.685 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

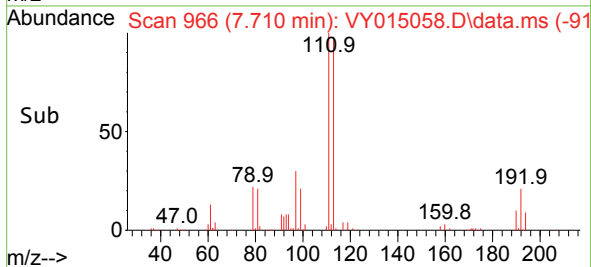
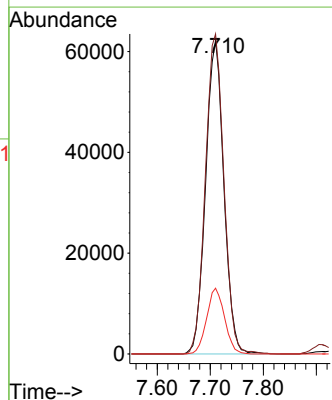
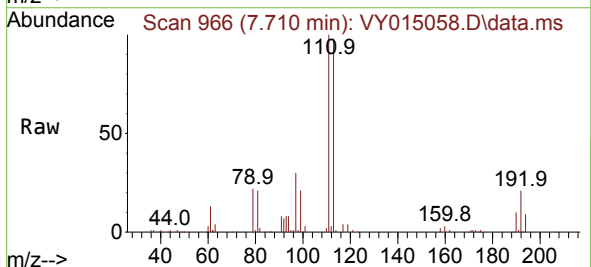
Instrument :  
MSVOA\_Y  
ClientSampleId :

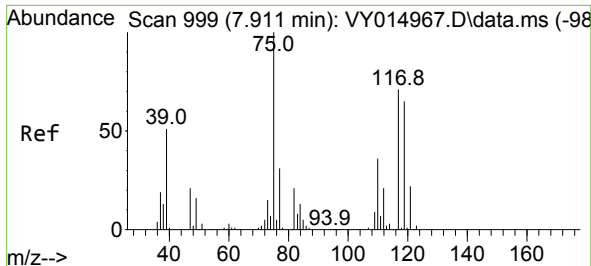
Tgt Ion:114 Resp: 429519  
Ion Ratio Lower Upper  
114 100  
63 19.1 0.0 42.4  
88 15.7 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 54.086 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion:113 Resp: 148556  
Ion Ratio Lower Upper  
113 100  
111 103.5 81.3 121.9  
192 20.6 16.9 25.3

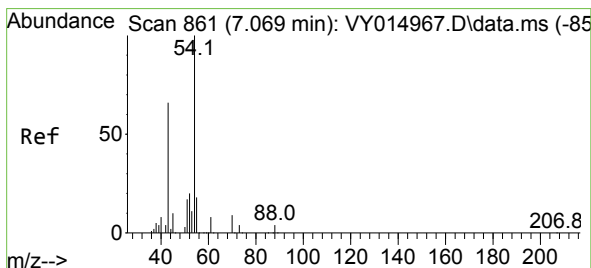
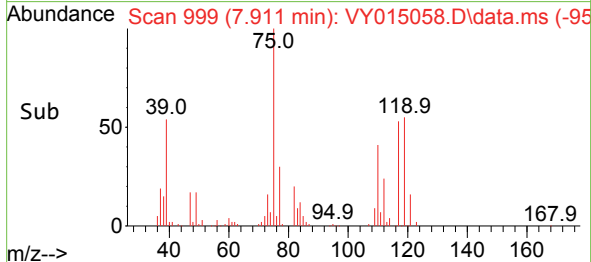
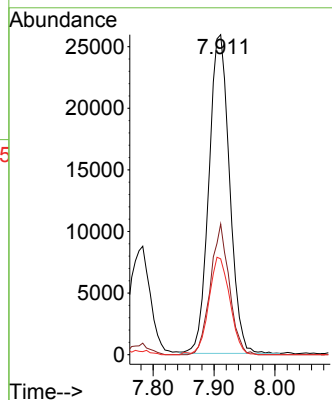
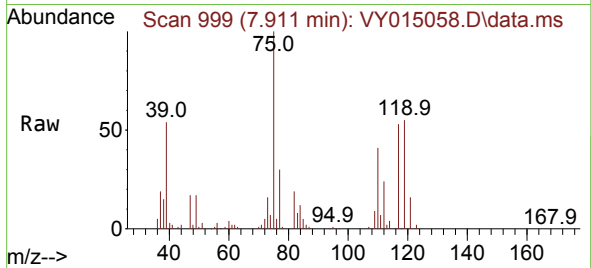




#36  
1,1-Dichloropropene  
Concen: 17.868 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

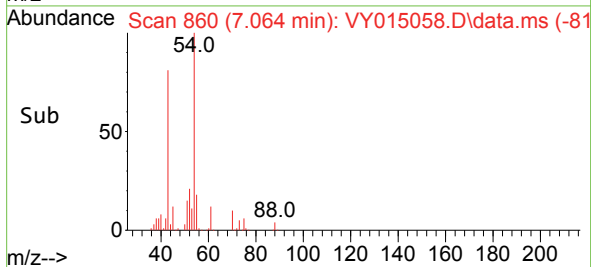
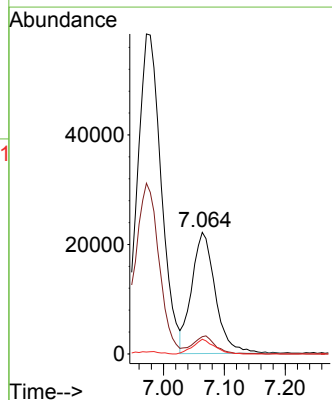
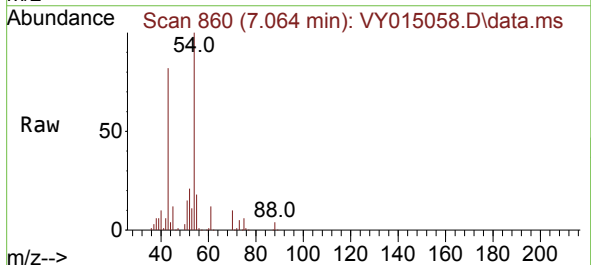
Instrument :  
MSVOA\_Y  
ClientSampleId :

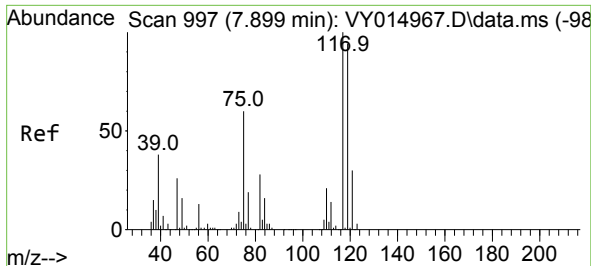
Tgt Ion: 75 Resp: 60930  
Ion Ratio Lower Upper  
75 100  
110 37.3 17.8 53.5  
77 31.1 24.4 36.6



#37  
Ethyl Acetate  
Concen: 22.005 ug/l  
RT: 7.064 min Scan# 860  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

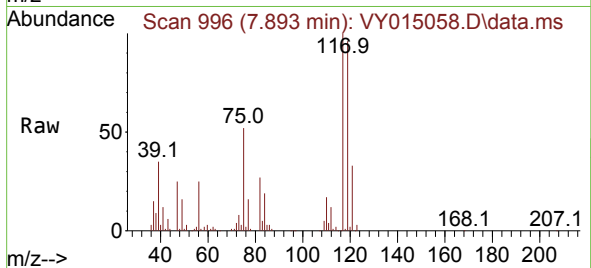
Tgt Ion: 43 Resp: 59563  
Ion Ratio Lower Upper  
43 100  
61 14.0 10.1 15.1  
70 10.9 7.1 10.7#



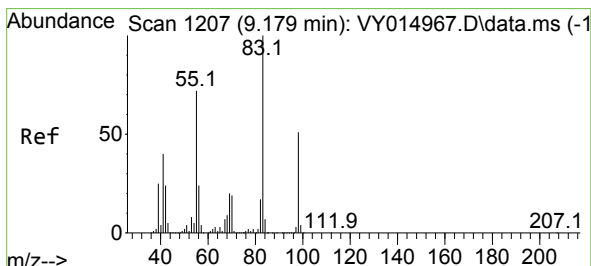
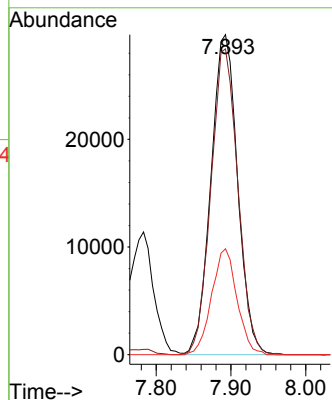
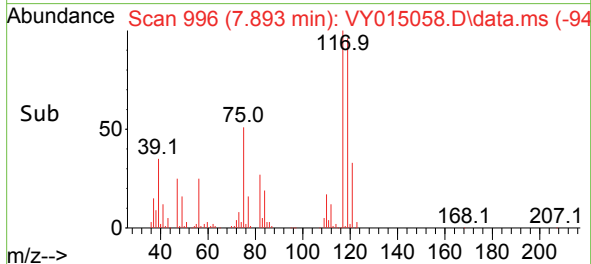


#38  
Carbon Tetrachloride  
Concen: 19.270 ug/l  
RT: 7.893 min Scan# 997  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Instrument :  
MSVOA\_Y  
ClientSampleId :

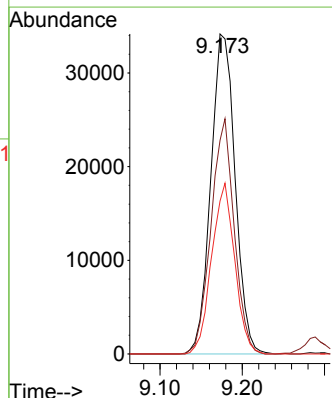
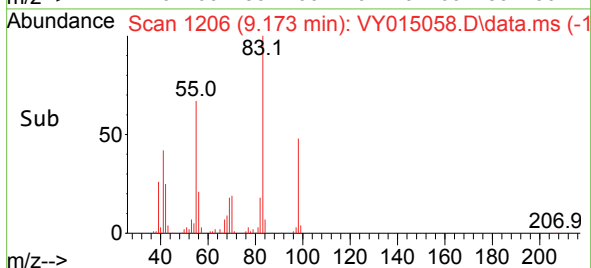
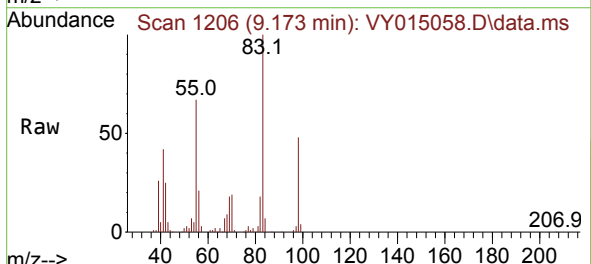


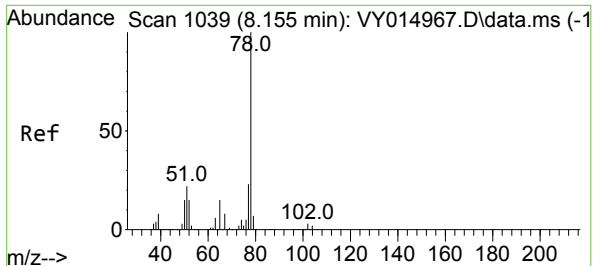
Tgt Ion:117 Resp: 73873  
Ion Ratio Lower Upper  
117 100  
119 95.6 76.4 114.6  
121 33.1 25.8 38.6



#39  
Methylcyclohexane  
Concen: 17.332 ug/l  
RT: 9.173 min Scan# 1206  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 83 Resp: 70288  
Ion Ratio Lower Upper  
83 100  
55 66.8 63.0 94.4  
98 47.8 37.4 56.2

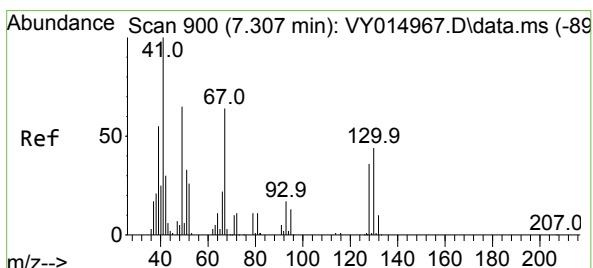
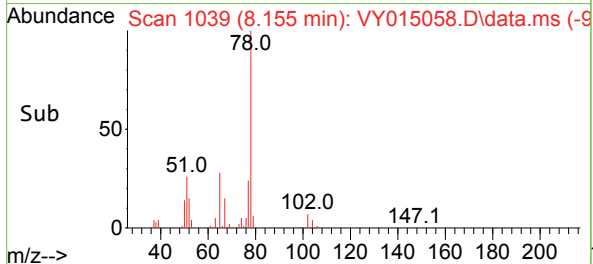
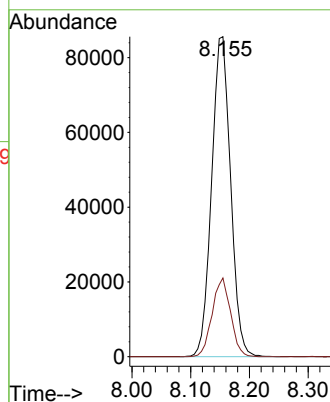
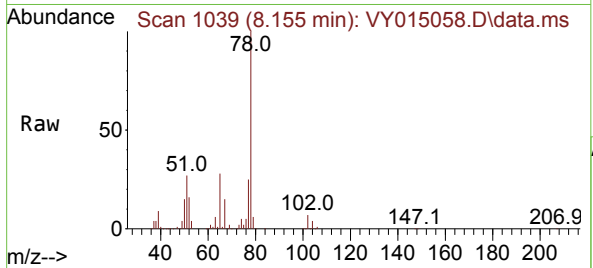




#40  
Benzene  
Concen: 19.096 ug/l  
RT: 8.155 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

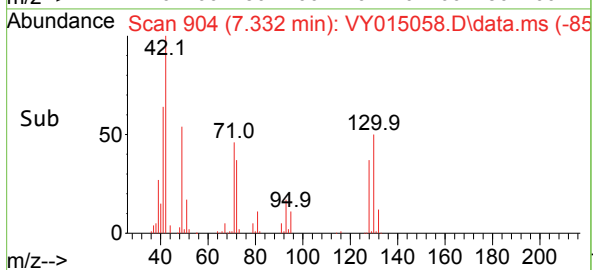
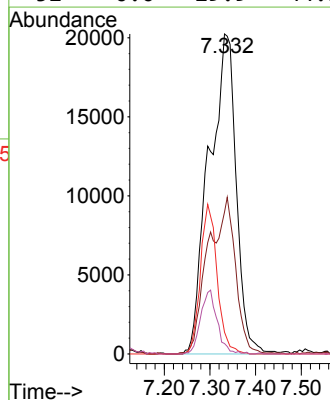
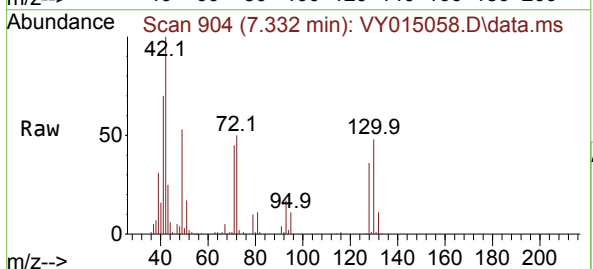
Instrument :  
MSVOA\_Y  
ClientSampleId :

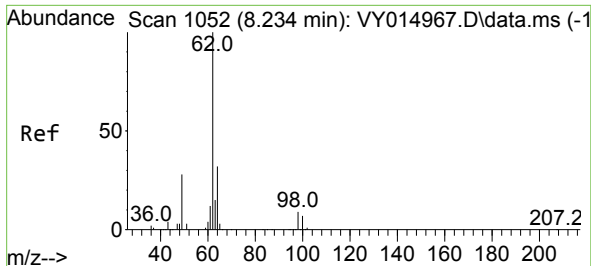
Tgt Ion: 78 Resp: 191747  
Ion Ratio Lower Upper  
78 100  
77 24.6 19.0 28.6



#41  
Methacrylonitrile  
Concen: 63.491 ug/l  
RT: 7.332 min Scan# 904  
Delta R.T. 0.025 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 41 Resp: 83517  
Ion Ratio Lower Upper  
41 100  
39 25.3 52.1 78.1#  
67 0.0 66.2 99.2#  
52 0.0 29.9 44.9#





#42

1,2-Dichloroethane

Concen: 20.255 ug/l

RT: 8.228 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA\_Y

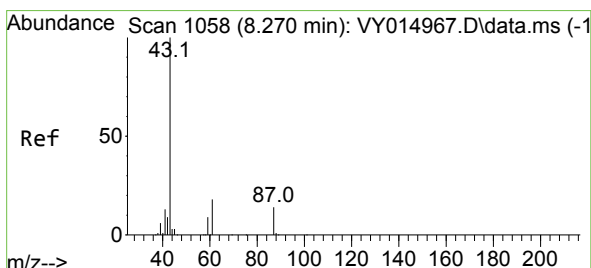
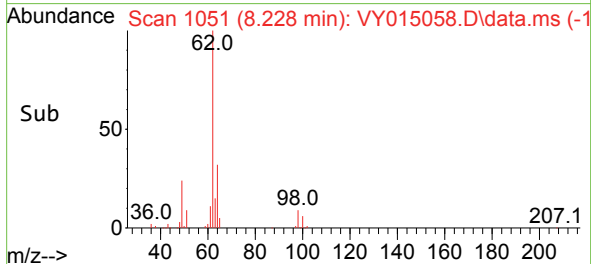
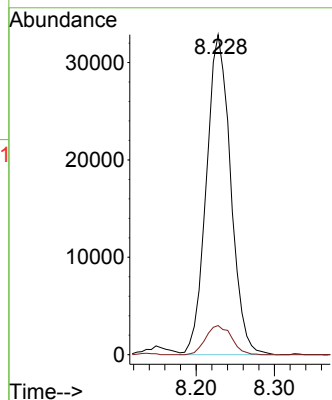
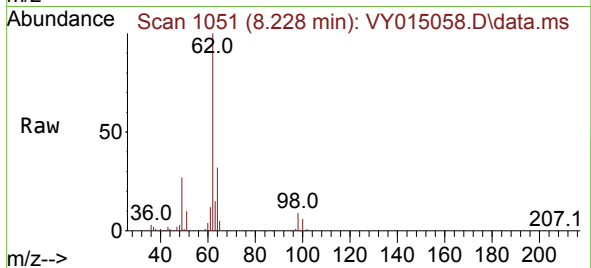
ClientSampleId :

Tgt Ion: 62 Resp: 70797

Ion Ratio Lower Upper

62 100

98 9.7 0.0 15.8



#43

Isopropyl Acetate

Concen: 20.692 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

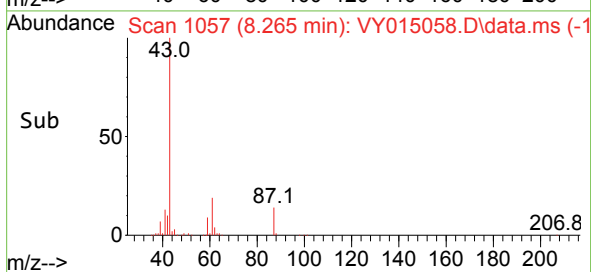
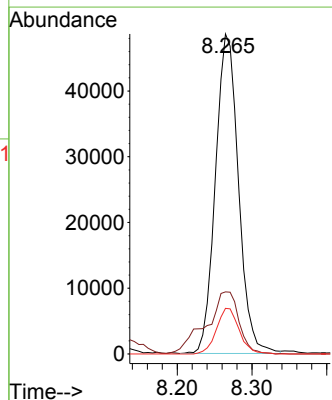
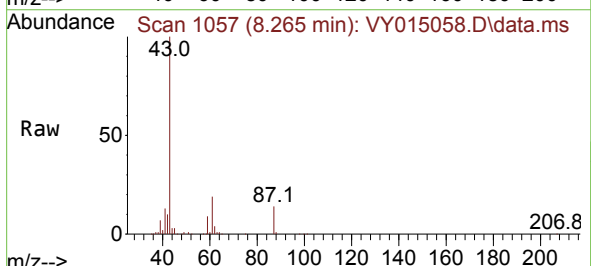
Tgt Ion: 43 Resp: 104059

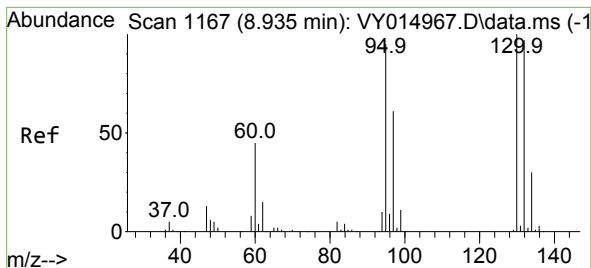
Ion Ratio Lower Upper

43 100

61 27.8 21.1 31.7

87 14.1 9.8 14.8





#44

Trichloroethene

Concen: 19.820 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA\_Y

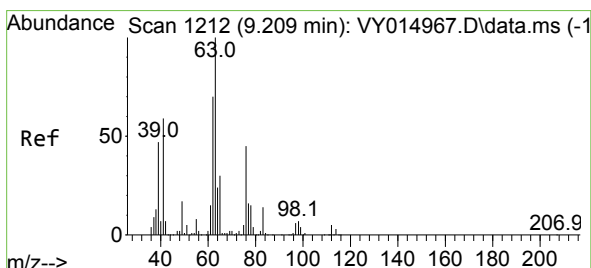
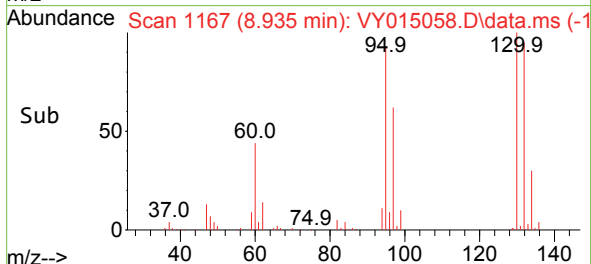
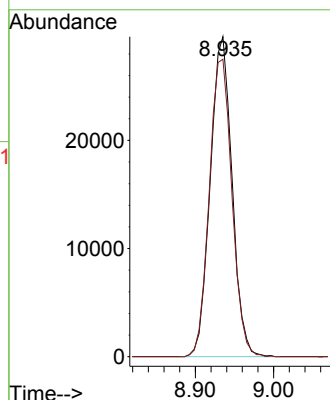
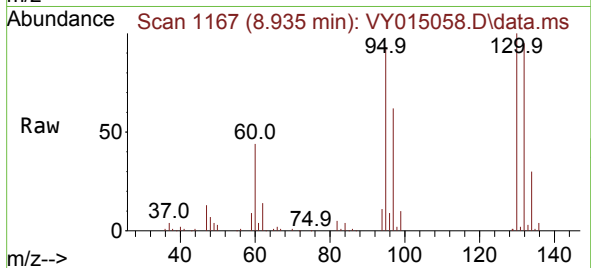
ClientSampleId :

Tgt Ion:130 Resp: 57107

Ion Ratio Lower Upper

130 100

95 92.9 0.0 196.0



#45

1,2-Dichloropropane

Concen: 19.805 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY015058.D

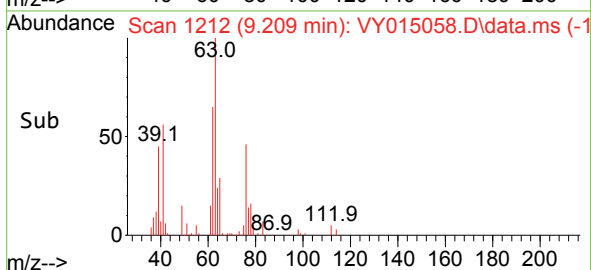
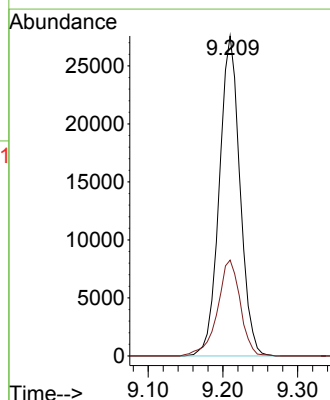
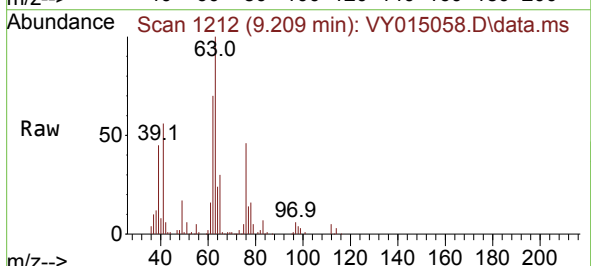
Acq: 11 Aug 2023 15:43

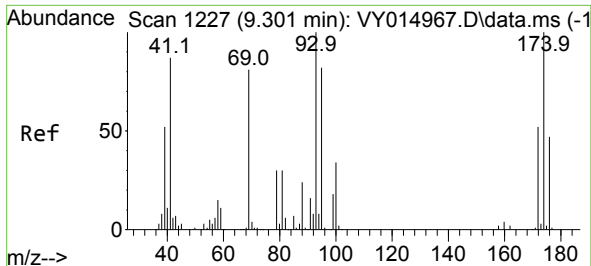
Tgt Ion: 63 Resp: 52853

Ion Ratio Lower Upper

63 100

65 30.0 23.8 35.6

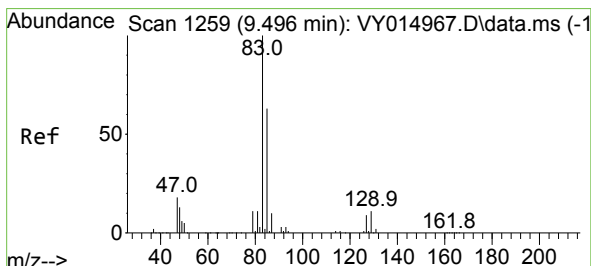
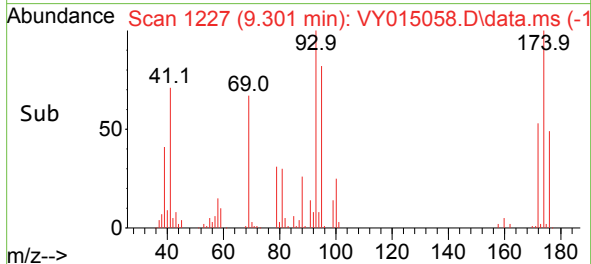
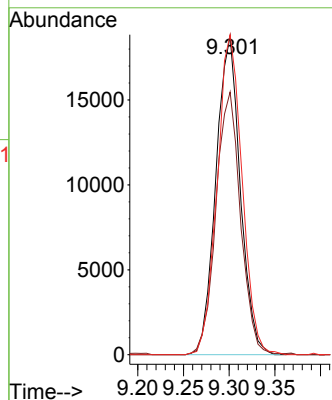
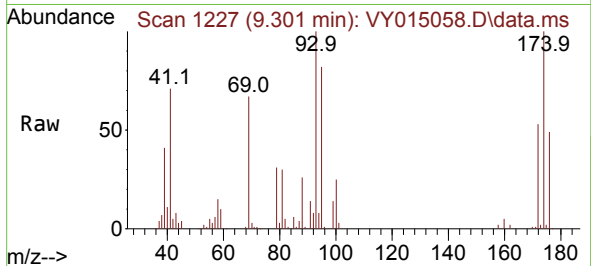




#46  
Dibromomethane  
Concen: 20.143 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

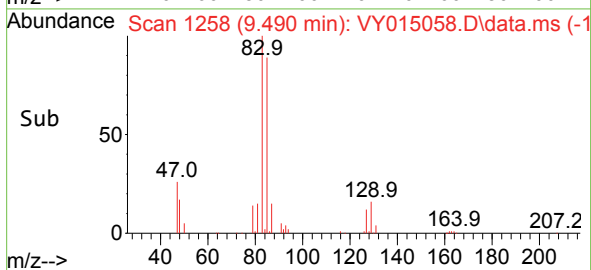
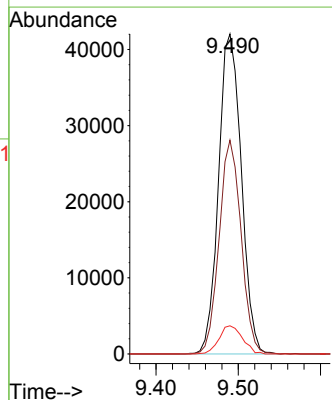
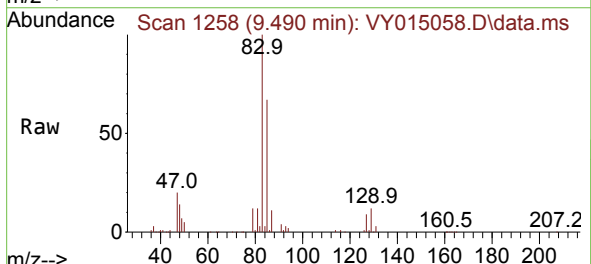
Instrument :  
MSVOA\_Y  
ClientSampleId :

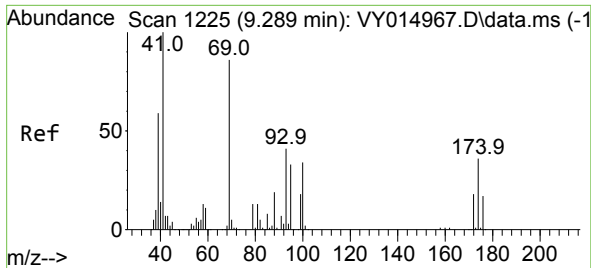
Tgt Ion: 93 Resp: 34628  
Ion Ratio Lower Upper  
93 100  
95 83.9 66.6 100.0  
174 103.3 84.8 127.2



#47  
Bromodichloromethane  
Concen: 20.413 ug/l  
RT: 9.490 min Scan# 1258  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 83 Resp: 80813  
Ion Ratio Lower Upper  
83 100  
85 66.8 50.1 75.1  
127 8.8 7.1 10.7

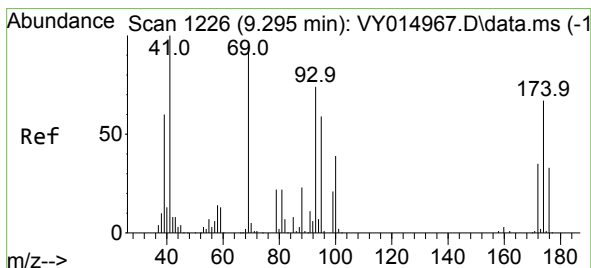
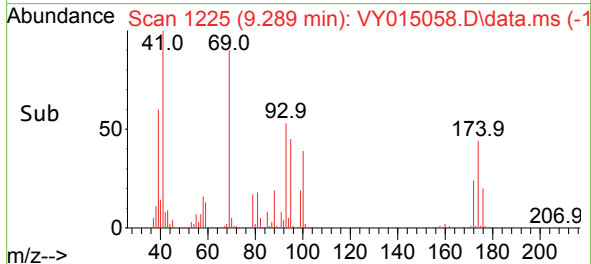
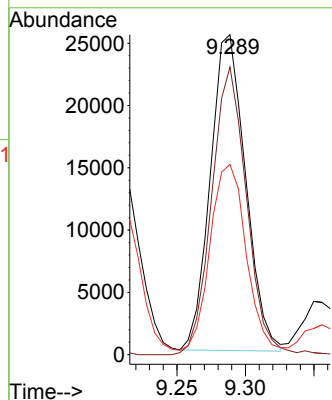
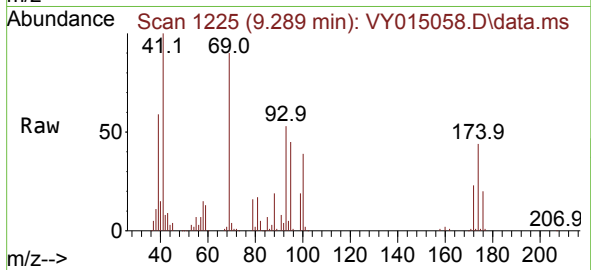




#48  
Methyl methacrylate  
Concen: 20.573 ug/l  
RT: 9.289 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

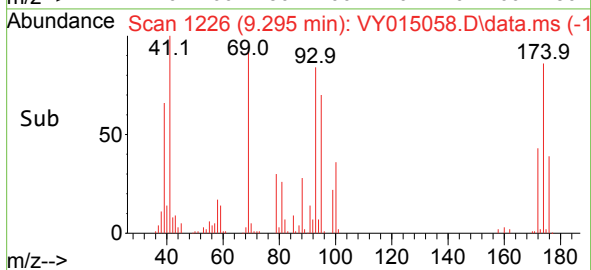
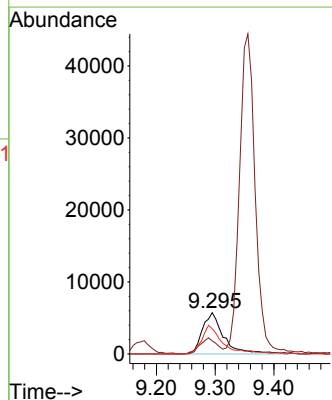
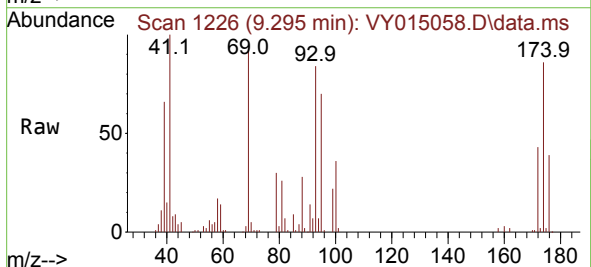
Instrument :  
MSVOA\_Y  
ClientSampleId :

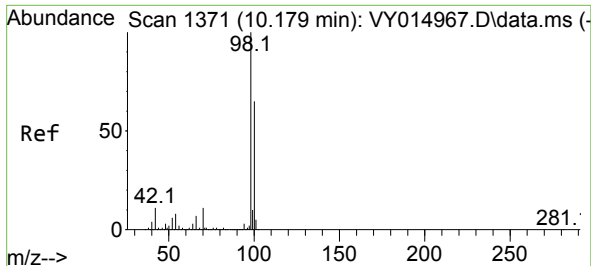
Tgt Ion: 41 Resp: 45394  
Ion Ratio Lower Upper  
41 100  
69 90.1 64.5 96.7  
39 63.0 50.8 76.2



#49  
1,4-Dioxane  
Concen: 453.800 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 88 Resp: 14511  
Ion Ratio Lower Upper  
88 100  
43 30.3 0.0 0.0#  
58 67.0 30.9 46.3#

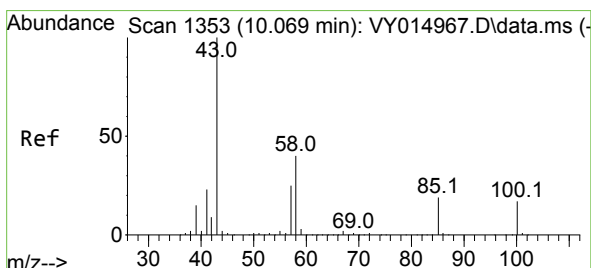
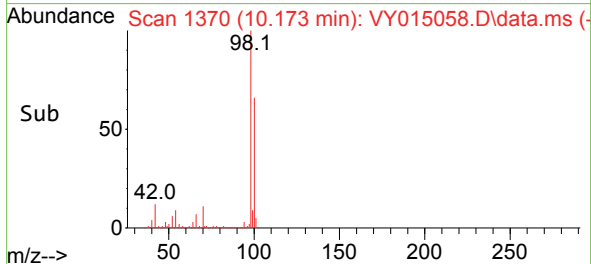
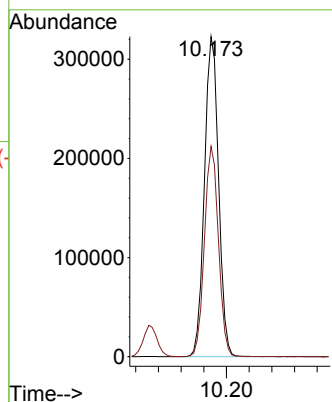
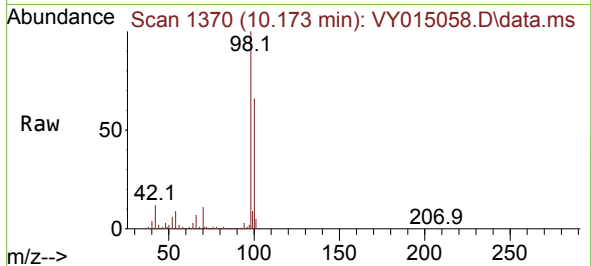




#50  
Toluene-d8  
Concen: 53.341 ug/l  
RT: 10.173 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

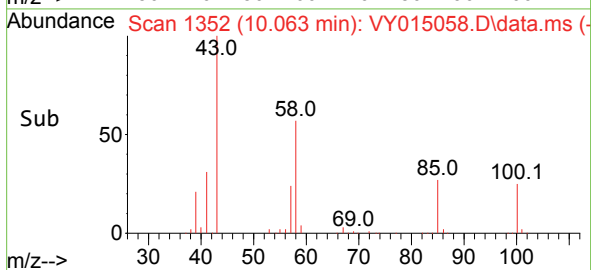
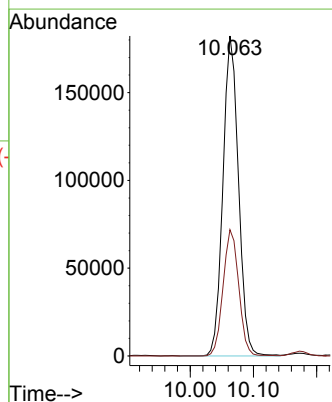
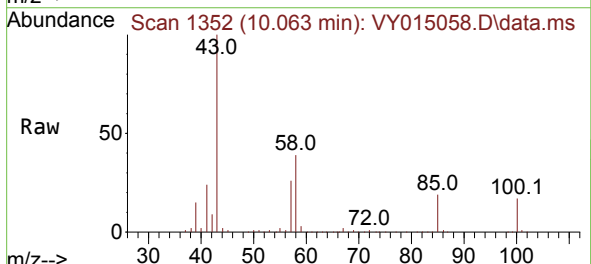
Instrument :  
MSVOA\_Y  
ClientSampleId :

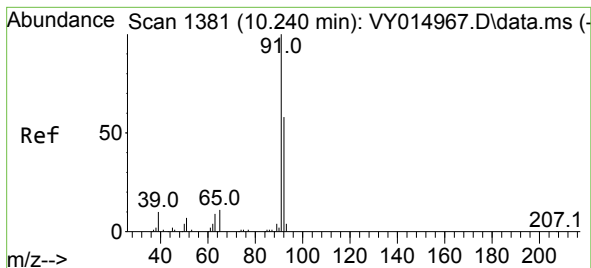
Tgt Ion: 98 Resp: 557657  
Ion Ratio Lower Upper  
98 100  
100 65.1 50.1 75.1



#51  
4-Methyl-2-Pentanone  
Concen: 109.294 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 43 Resp: 309739  
Ion Ratio Lower Upper  
43 100  
58 39.8 29.0 43.6





#52

Toluene

Concen: 19.683 ug/l

RT: 10.240 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA\_Y

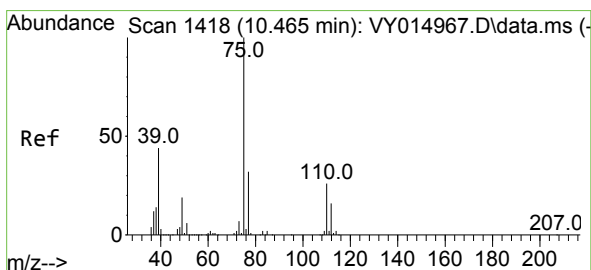
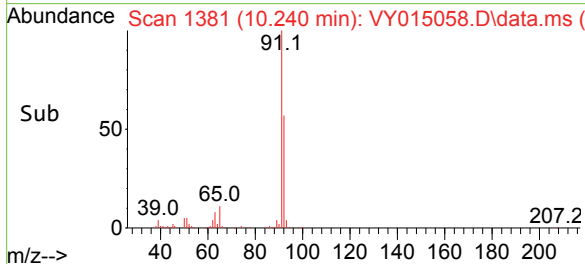
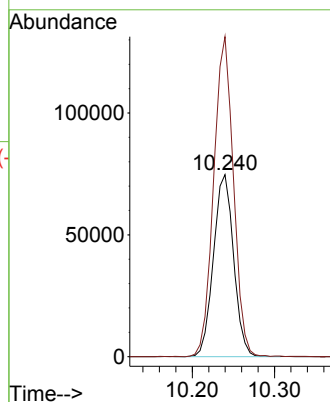
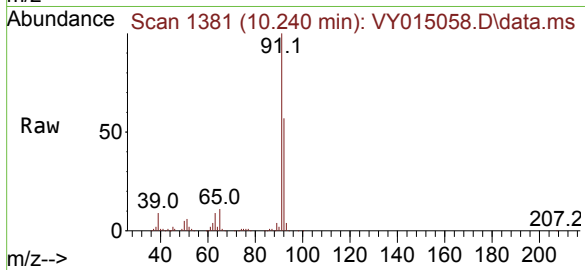
ClientSampleId :

Tgt Ion: 92 Resp: 127189

Ion Ratio Lower Upper

92 100

91 172.9 143.8 215.6



#53

t-1,3-Dichloropropene

Concen: 20.619 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. -0.006 min

Lab File: VY015058.D

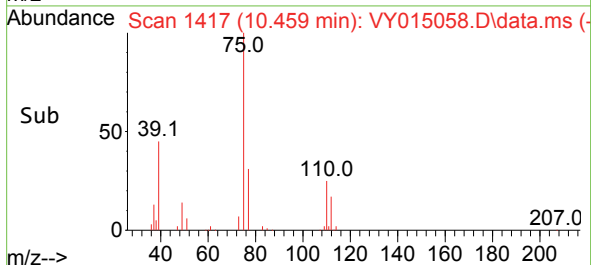
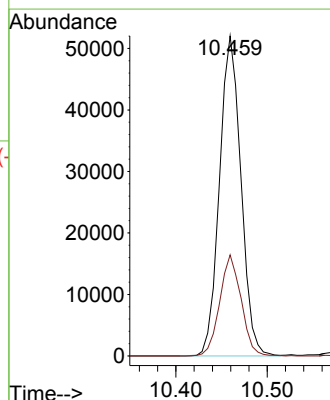
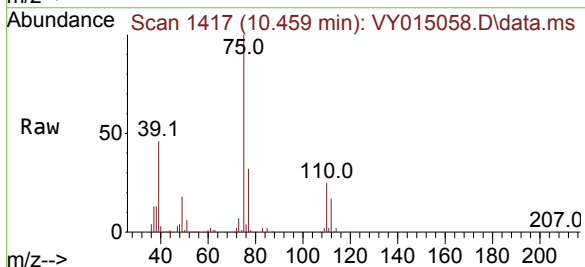
Acq: 11 Aug 2023 15:43

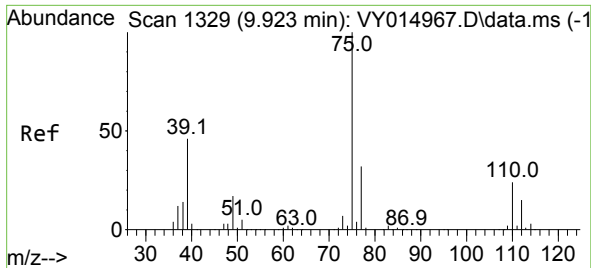
Tgt Ion: 75 Resp: 85006

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

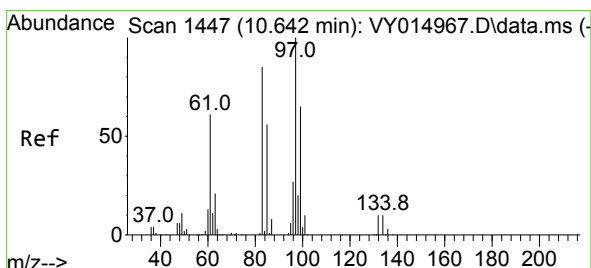
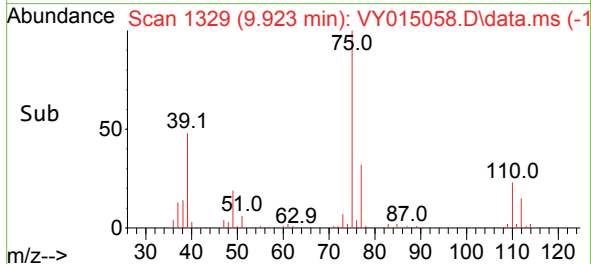
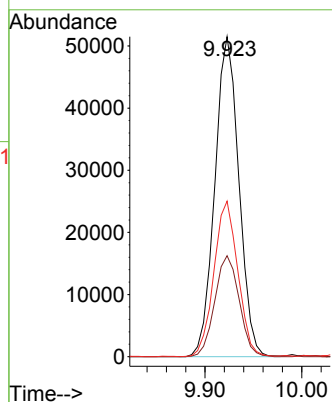
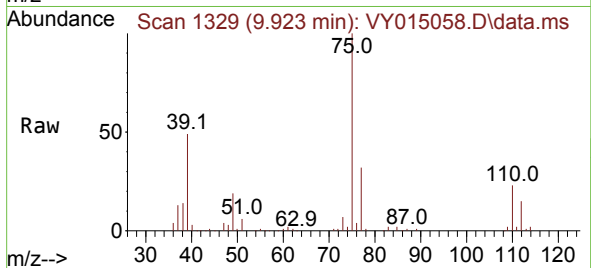




#54  
 cis-1,3-Dichloropropene  
 Concen: 19.959 ug/l  
 RT: 9.923 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VY015058.D  
 Acq: 11 Aug 2023 15:43

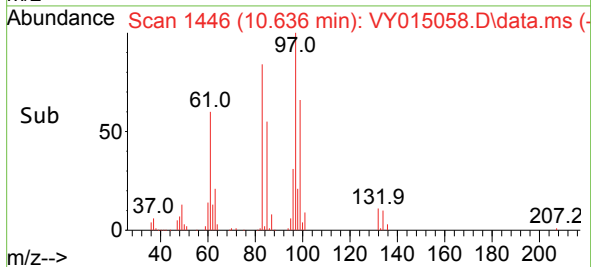
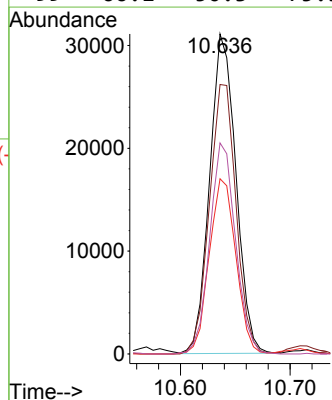
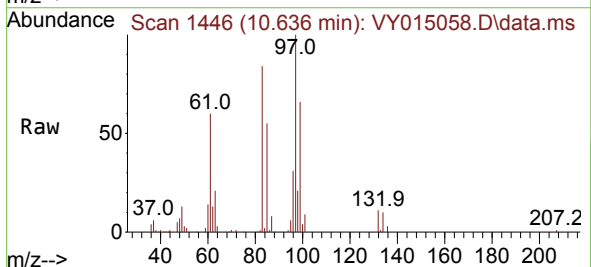
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

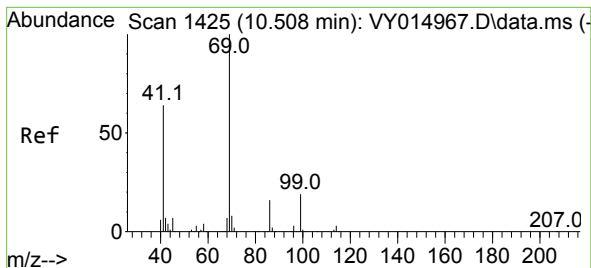
Tgt Ion: 75 Resp: 88902  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 24.2 36.4  
 39 48.6 42.2 63.4



#55  
 1,1,2-Trichloroethane  
 Concen: 20.705 ug/l  
 RT: 10.636 min Scan# 1446  
 Delta R.T. -0.006 min  
 Lab File: VY015058.D  
 Acq: 11 Aug 2023 15:43

Tgt Ion: 97 Resp: 51734  
 Ion Ratio Lower Upper  
 97 100  
 83 84.4 72.0 108.0  
 85 54.6 45.4 68.0  
 99 66.1 50.3 75.5





#56

Ethyl methacrylate

Concen: 20.829 ug/l

RT: 10.502 min Scan# 14

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA\_Y

ClientSampleId :

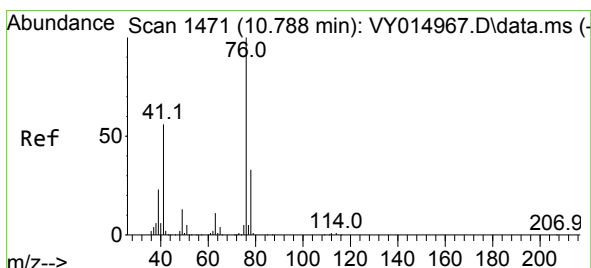
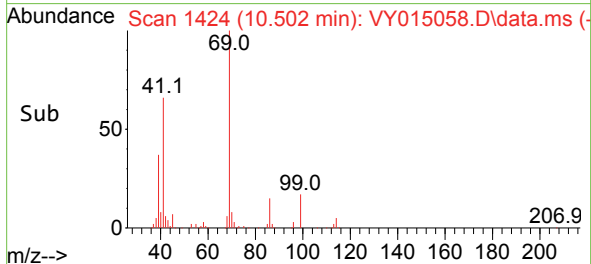
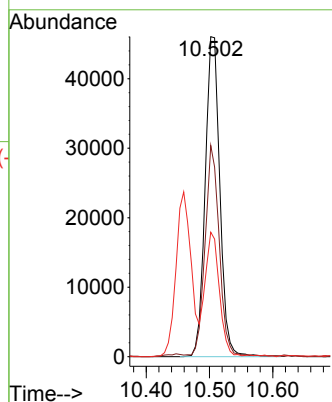
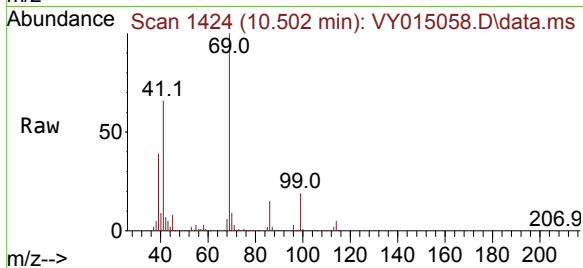
Tgt Ion: 69 Resp: 74519

Ion Ratio Lower Upper

69 100

41 63.2 57.6 86.4

39 36.9 34.1 51.1



#57

1,3-Dichloropropane

Concen: 20.631 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VY015058.D

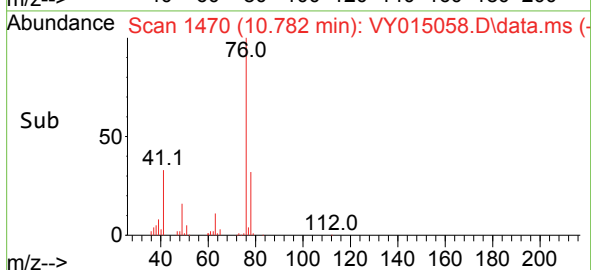
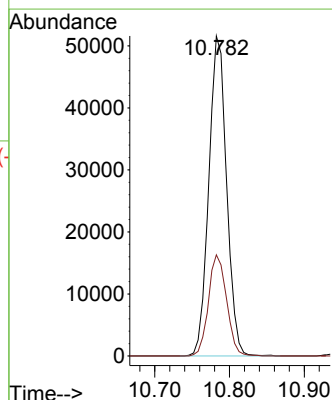
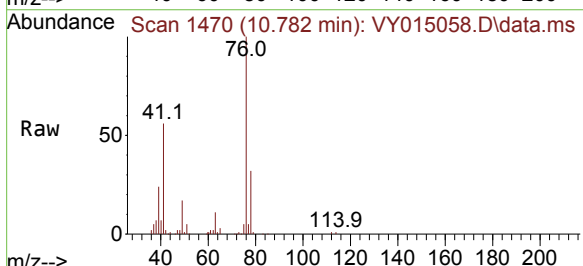
Acq: 11 Aug 2023 15:43

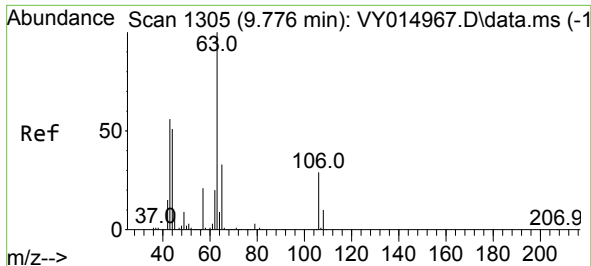
Tgt Ion: 76 Resp: 85284

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9

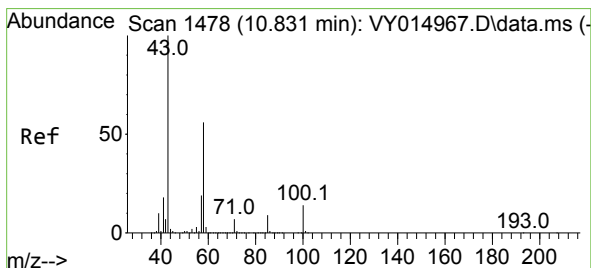
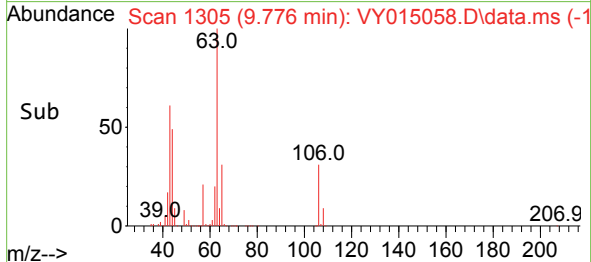
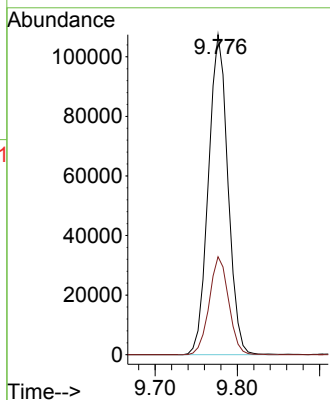
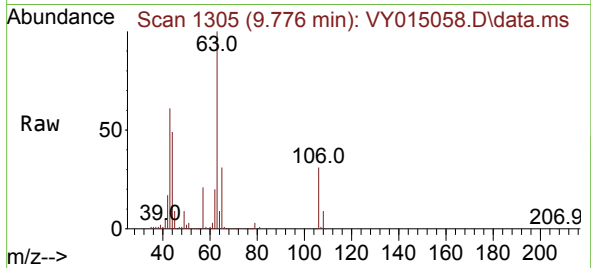




#58  
2-Chloroethyl Vinyl ether  
Concen: 104.603 ug/l  
RT: 9.776 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

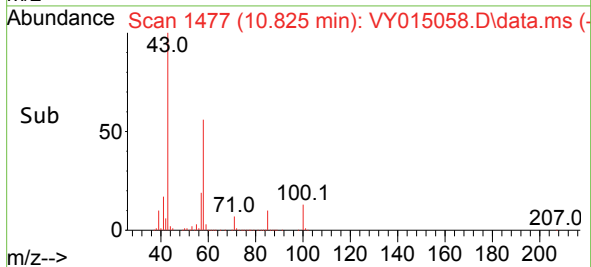
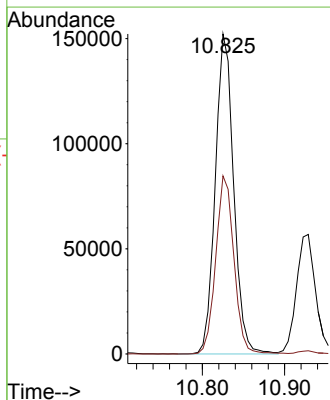
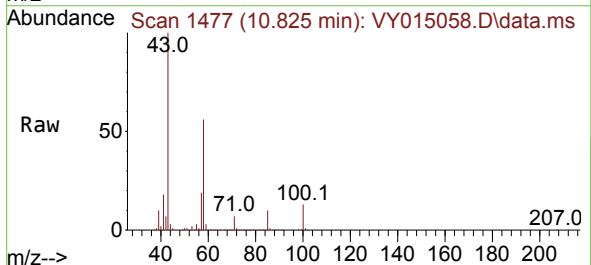
Instrument :  
MSVOA\_Y  
ClientSampleId :

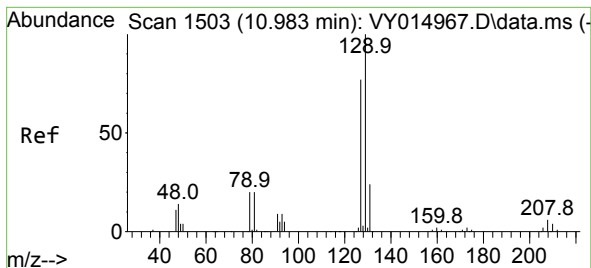
Tgt Ion: 63 Resp: 176953  
Ion Ratio Lower Upper  
63 100  
106 30.5 21.2 31.8



#59  
2-Hexanone  
Concen: 112.812 ug/l  
RT: 10.825 min Scan# 1477  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 43 Resp: 236175  
Ion Ratio Lower Upper  
43 100  
58 55.2 25.1 75.3





#60

Dibromochloromethane

Concen: 21.120 ug/l

RT: 10.977 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA\_Y

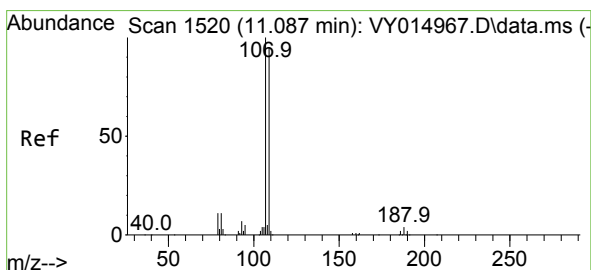
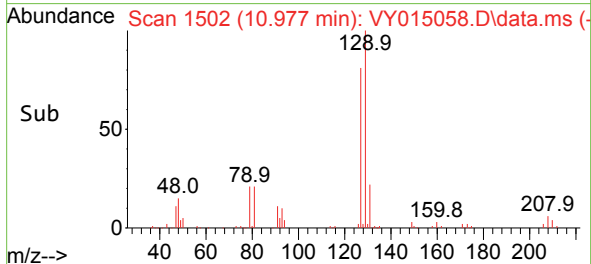
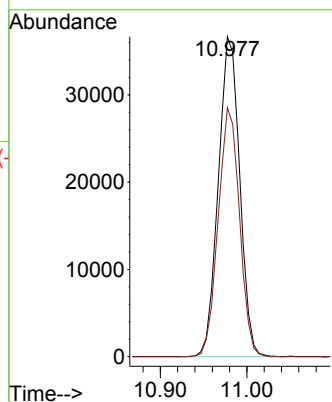
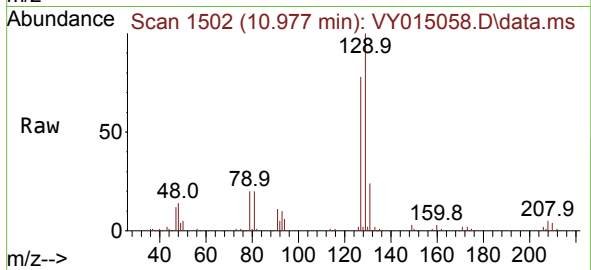
ClientSampleId :

Tgt Ion:129 Resp: 62832

Ion Ratio Lower Upper

129 100

127 77.5 38.5 115.5



#61

1,2-Dibromoethane

Concen: 20.898 ug/l

RT: 11.081 min Scan# 1519

Delta R.T. -0.006 min

Lab File: VY015058.D

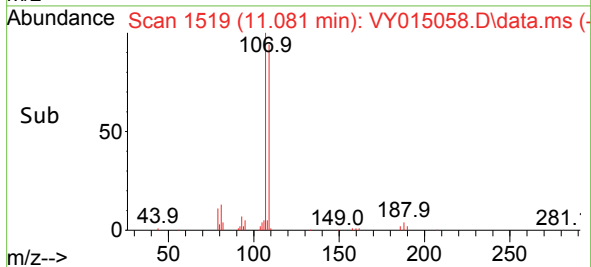
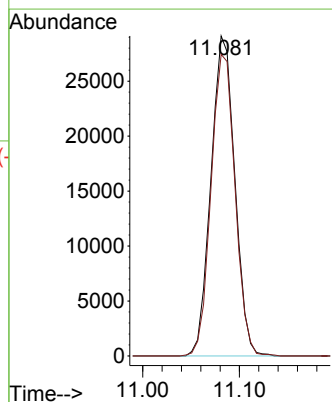
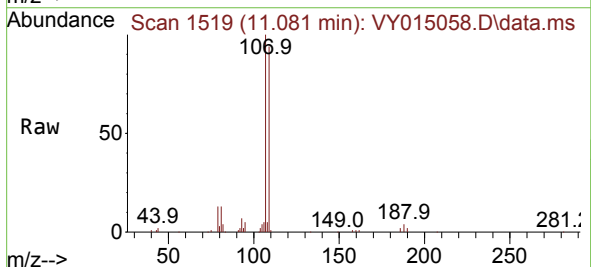
Acq: 11 Aug 2023 15:43

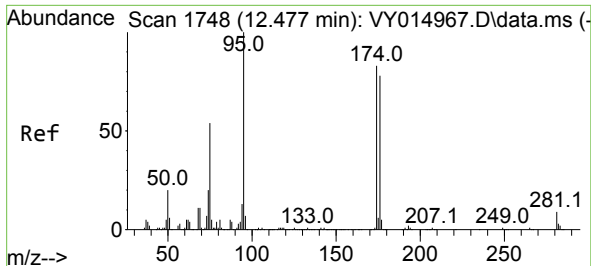
Tgt Ion:107 Resp: 49840

Ion Ratio Lower Upper

107 100

109 94.7 75.6 113.4

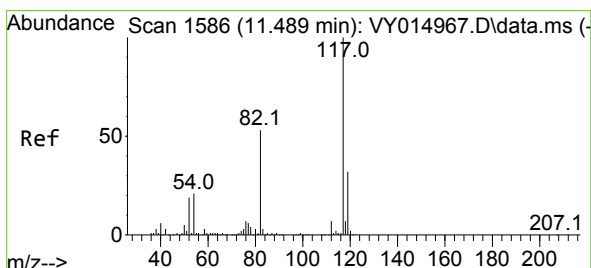
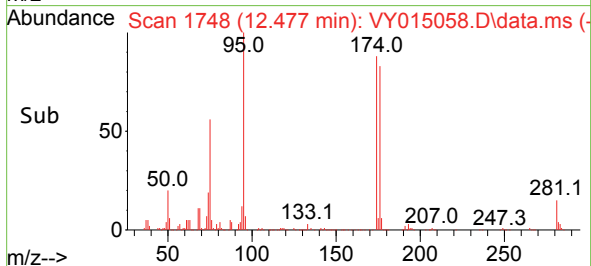
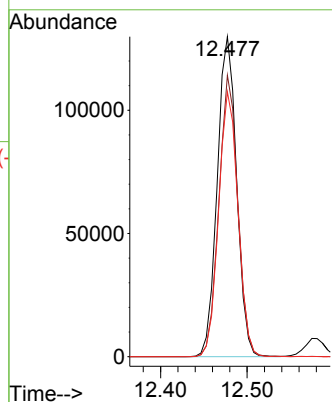
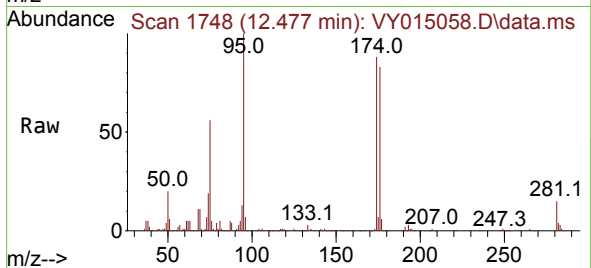




#62  
4-Bromofluorobenzene  
Concen: 54.405 ug/l  
RT: 12.477 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

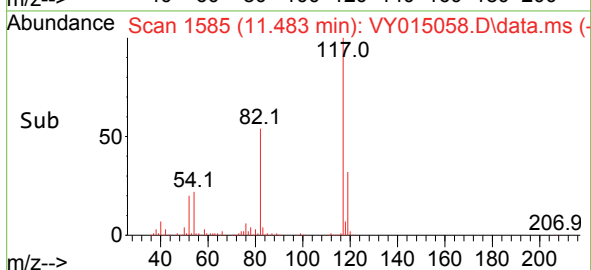
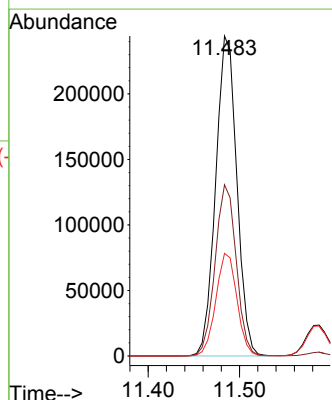
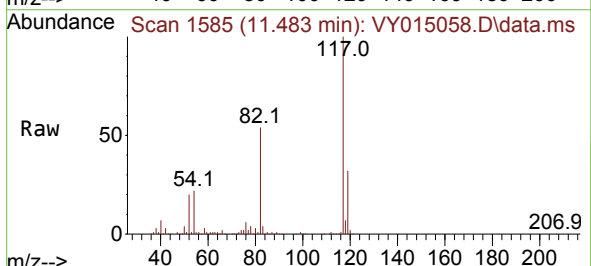
Instrument :  
MSVOA\_Y  
ClientSampleId :

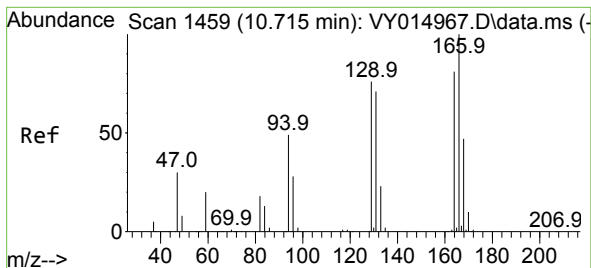
Tgt Ion: 95 Resp: 201584  
Ion Ratio Lower Upper  
95 100  
174 85.9 0.0 178.2  
176 82.6 0.0 173.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.483 min Scan# 1585  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 117 Resp: 393078  
Ion Ratio Lower Upper  
117 100  
82 53.5 43.4 65.0  
119 32.1 26.3 39.5





#64

Tetrachloroethene

Concen: 20.713 ug/l

RT: 10.715 min Scan# 14

Delta R.T. 0.000 min

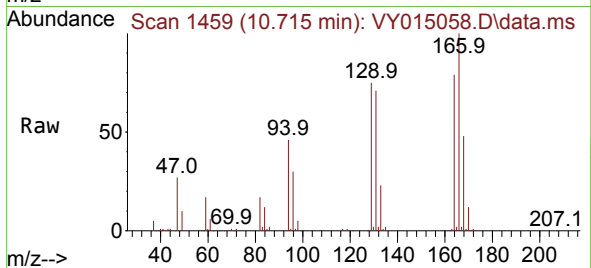
Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA\_Y

ClientSampleId :



Tgt Ion:164 Resp: 61243

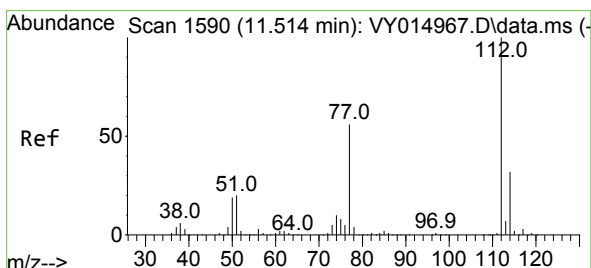
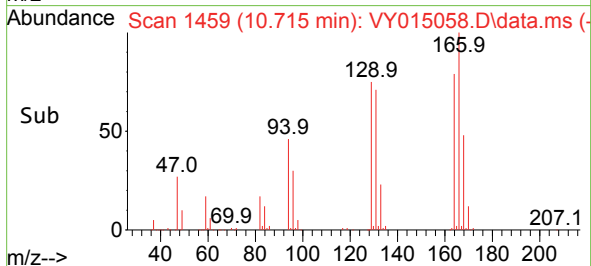
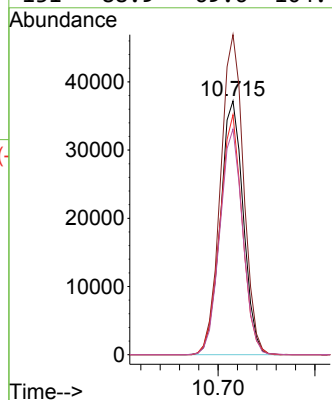
Ion Ratio Lower Upper

164 100

166 126.1 103.0 154.6

129 94.6 77.2 115.8

131 88.9 69.6 104.4



#65

Chlorobenzene

Concen: 20.029 ug/l

RT: 11.508 min Scan# 1589

Delta R.T. -0.006 min

Lab File: VY015058.D

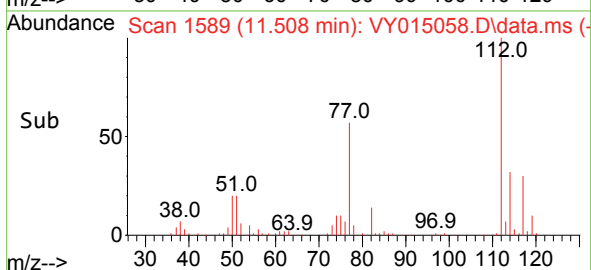
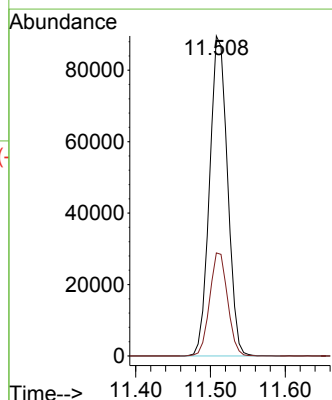
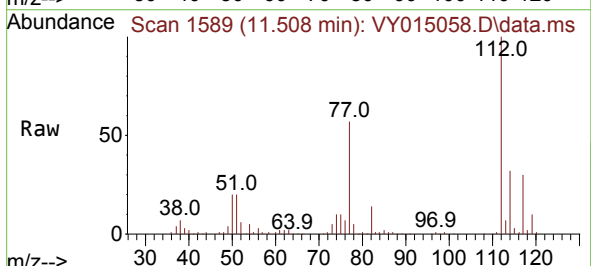
Acq: 11 Aug 2023 15:43

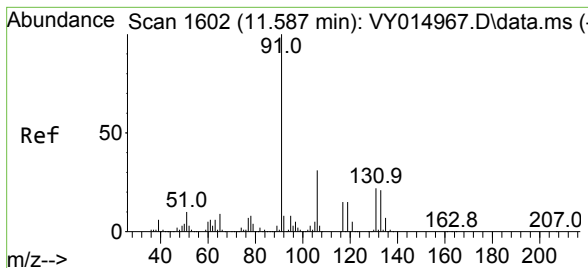
Tgt Ion:112 Resp: 149389

Ion Ratio Lower Upper

112 100

114 32.2 25.5 38.3

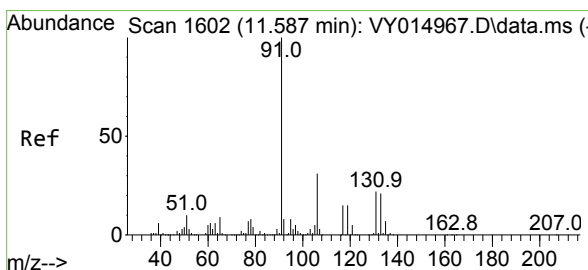
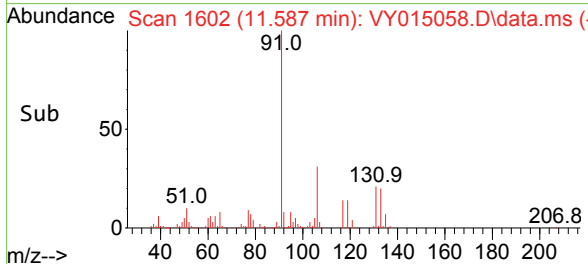
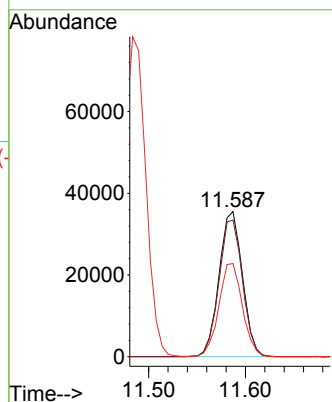
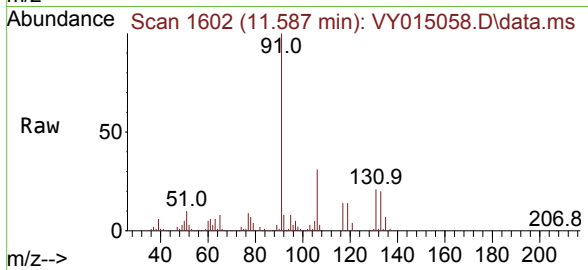




#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.342 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

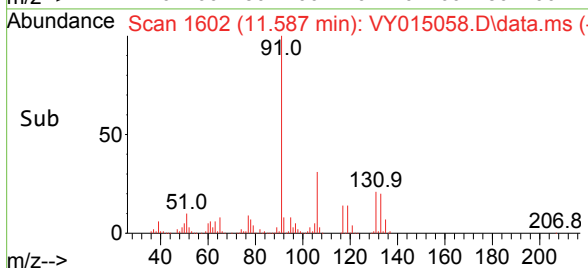
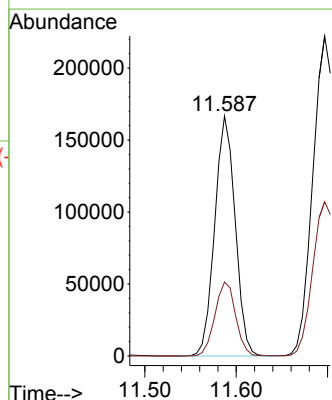
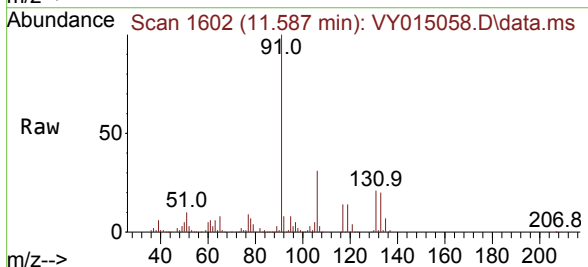
Instrument :  
MSVOA\_Y  
ClientSampleId :

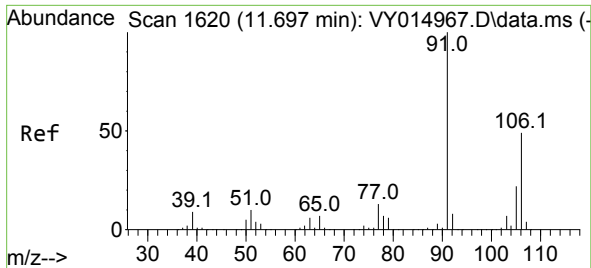
Tgt Ion:131 Resp: 59453  
Ion Ratio Lower Upper  
131 100  
133 94.9 47.5 142.6  
119 64.8 31.6 94.7



#67  
Ethyl Benzene  
Concen: 19.796 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 91 Resp: 259121  
Ion Ratio Lower Upper  
91 100  
106 30.8 24.6 36.8

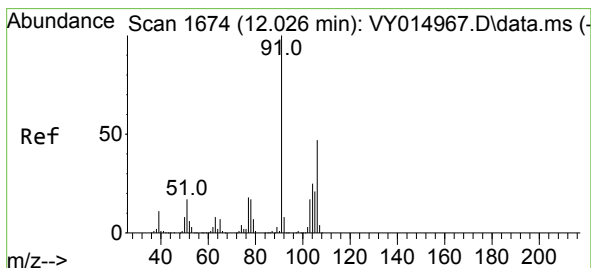
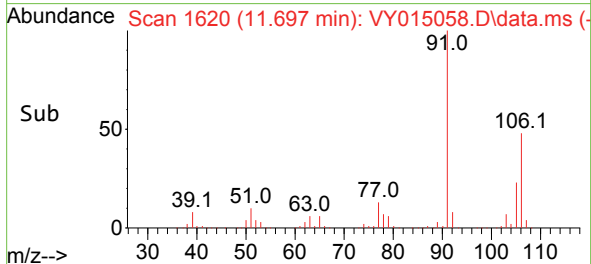
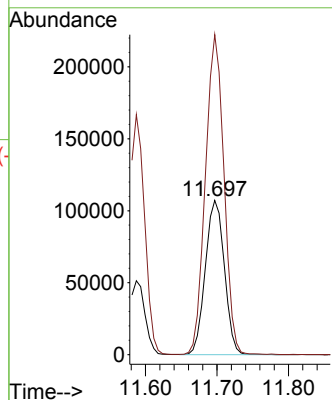
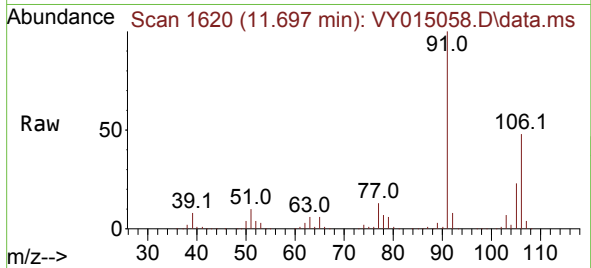




#68  
m/p-Xylenes  
Concen: 39.626 ug/l  
RT: 11.697 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

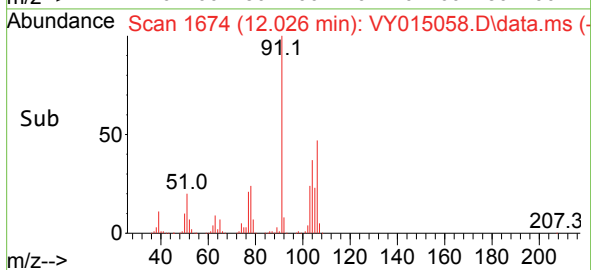
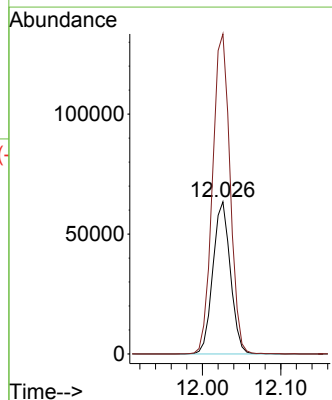
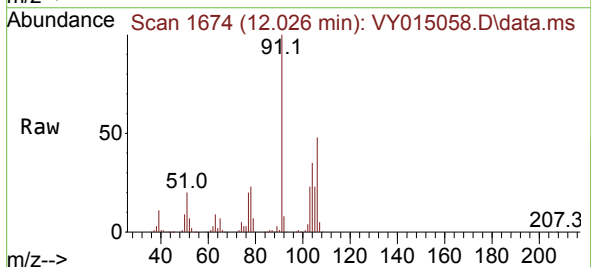
Instrument :  
MSVOA\_Y  
ClientSampleId :

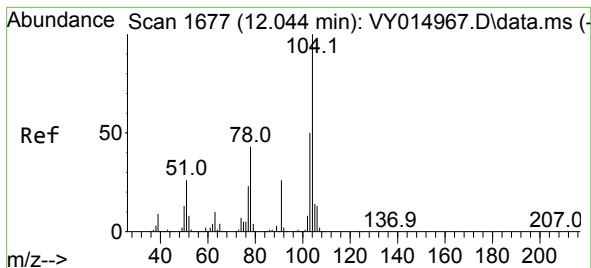
Tgt Ion:106 Resp: 198426  
Ion Ratio Lower Upper  
106 100  
91 201.6 166.1 249.1



#69  
o-Xylene  
Concen: 20.069 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion:106 Resp: 98337  
Ion Ratio Lower Upper  
106 100  
91 211.3 108.1 324.3





#70

Styrene

Concen: 20.429 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA\_Y

ClientSampleId :

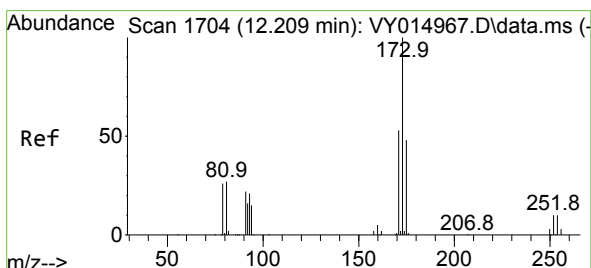
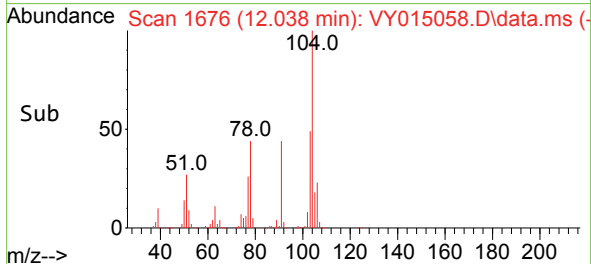
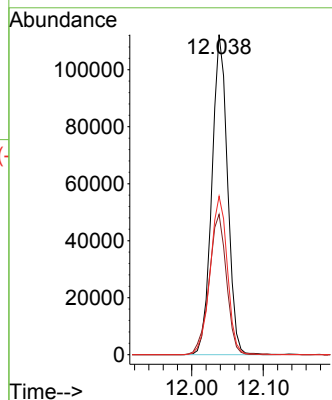
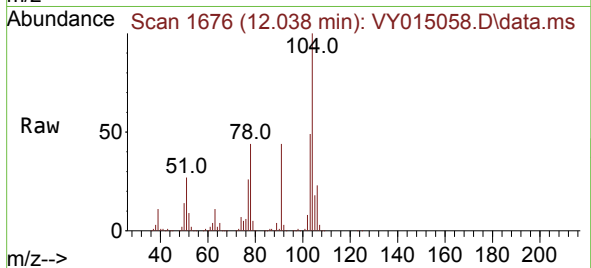
Tgt Ion:104 Resp: 171071

Ion Ratio Lower Upper

104 100

78 48.5 41.5 62.3

103 53.9 44.6 67.0



#71

Bromoform

Concen: 21.564 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

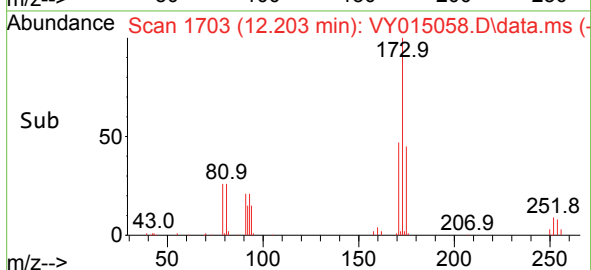
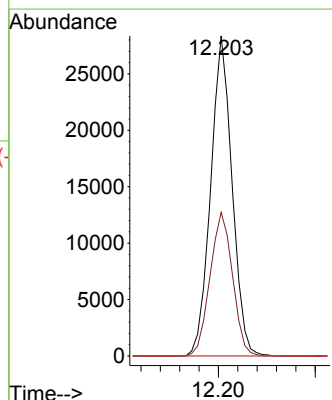
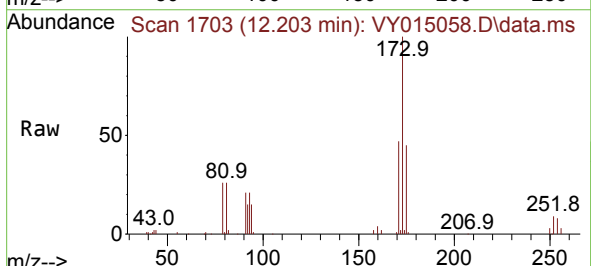
Tgt Ion:173 Resp: 43442

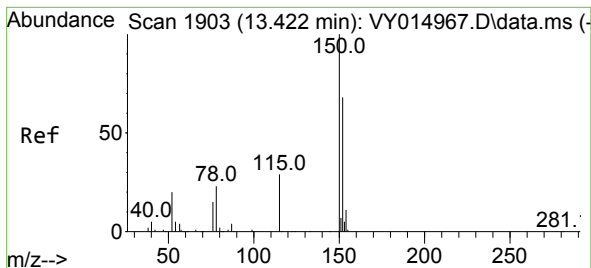
Ion Ratio Lower Upper

173 100

175 47.1 24.6 73.8

254 0.0 0.2 0.2#

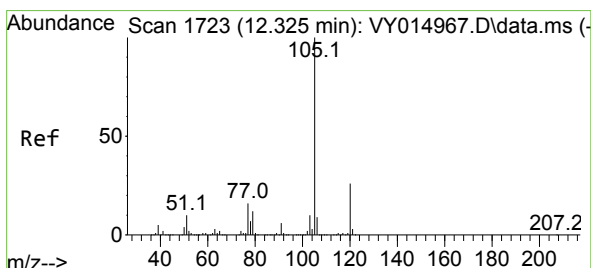
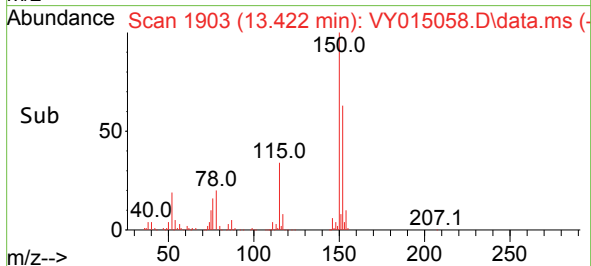
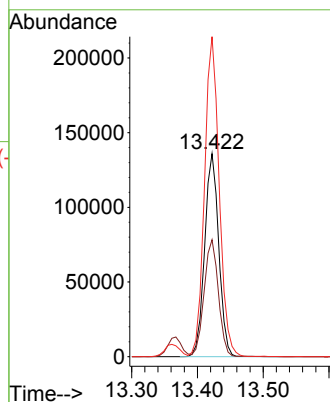
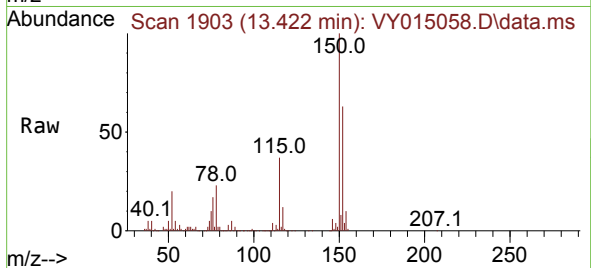




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

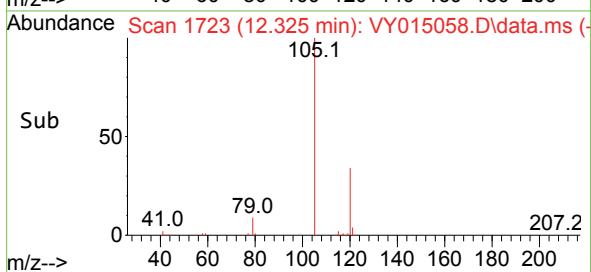
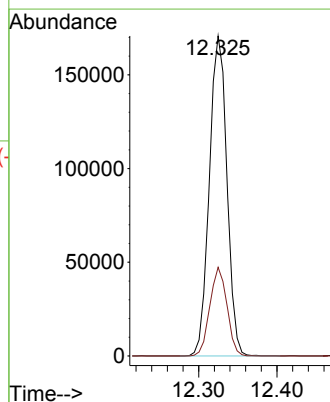
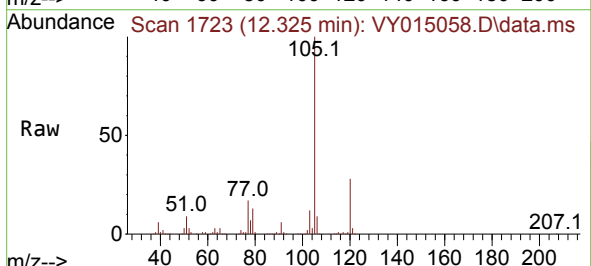
Instrument :  
MSVOA\_Y  
ClientSampleId :

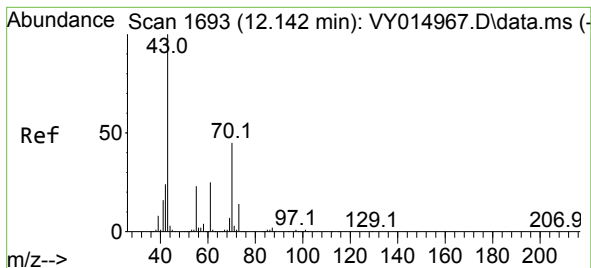
Tgt Ion:152 Resp: 202200  
Ion Ratio Lower Upper  
152 100  
115 58.4 28.8 86.5  
150 163.6 0.0 348.8



#73  
Isopropylbenzene  
Concen: 19.562 ug/l  
RT: 12.325 min Scan# 1723  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion:105 Resp: 265896  
Ion Ratio Lower Upper  
105 100  
120 26.9 13.3 39.9





#74

N-amy1 acetate

Concen: 20.344 ug/l

RT: 12.142 min Scan# 1

Delta R.T. 0.000 min

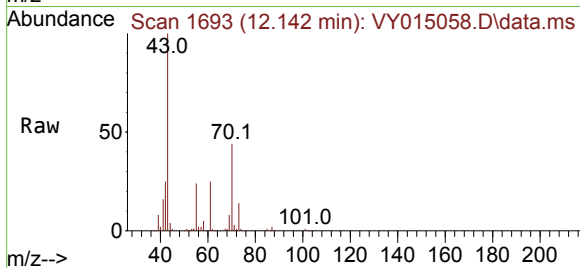
Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA\_Y

ClientSampleId :



Tgt Ion: 43 Resp: 94478

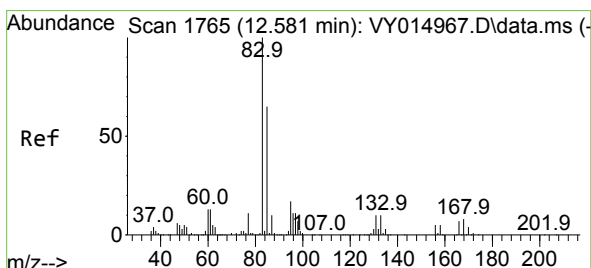
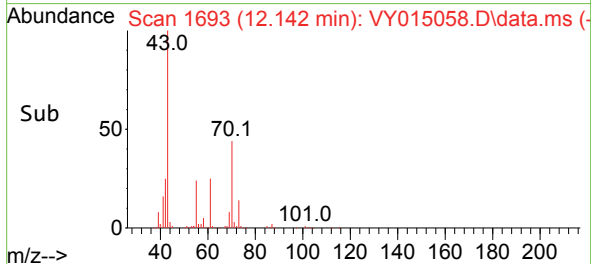
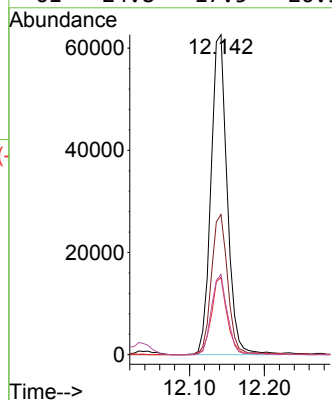
Ion Ratio Lower Upper

43 100

70 44.4 29.7 44.5

55 23.8 18.3 27.5

61 24.8 17.5 26.3



#75

1,1,2,2-Tetrachloroethane

Concen: 20.541 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

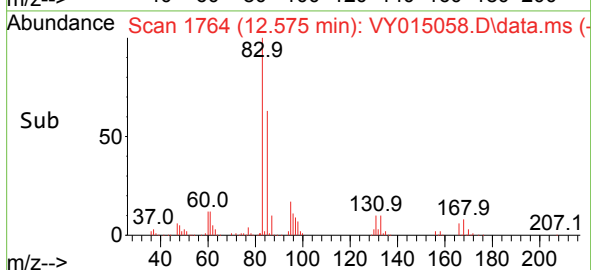
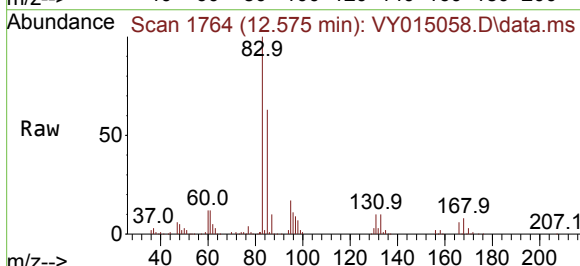
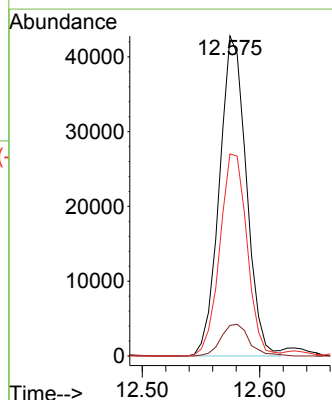
Tgt Ion: 83 Resp: 68230

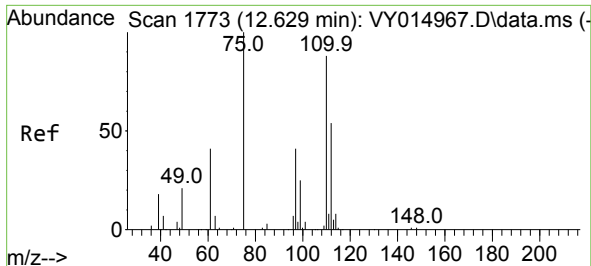
Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 63.9 31.8 95.4

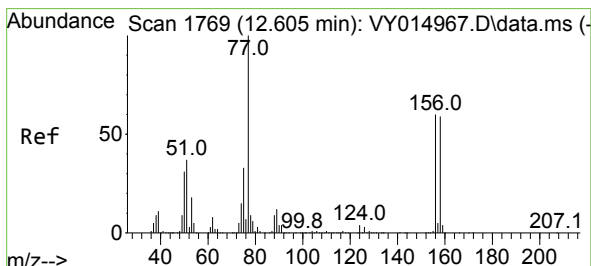
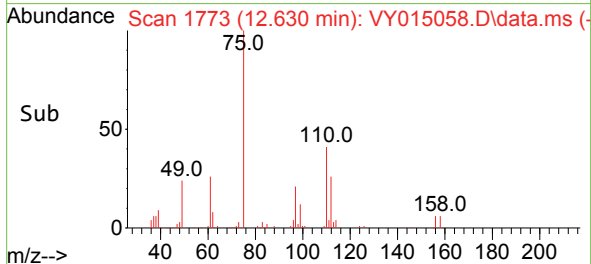
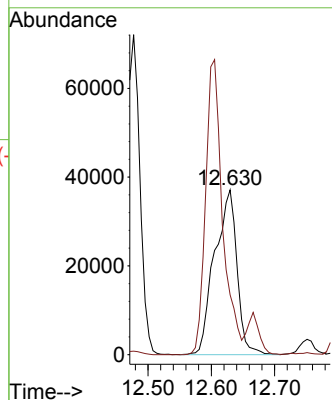
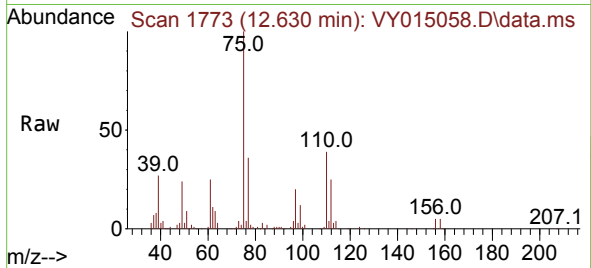




#76  
1,2,3-Trichloropropane  
Concen: 37.604 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

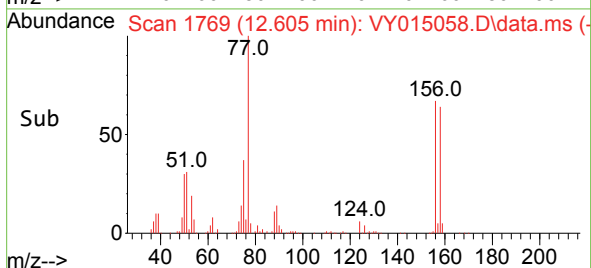
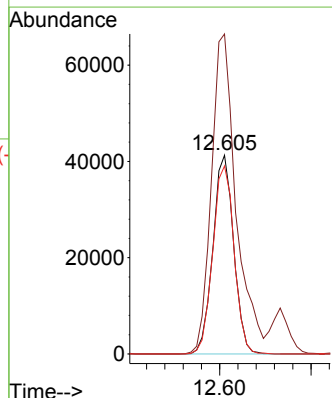
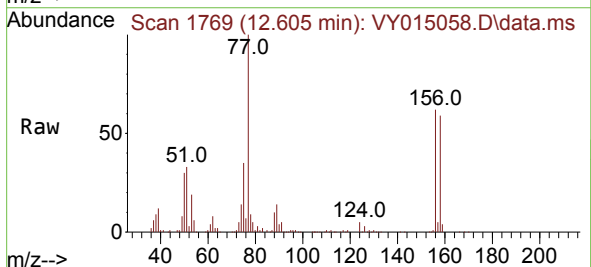
Instrument :  
MSVOA\_Y  
ClientSampleId :

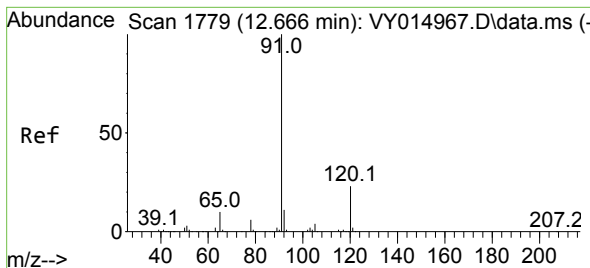
Tgt Ion: 75 Resp: 91108  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



#77  
Bromobenzene  
Concen: 19.711 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 156 Resp: 64985  
Ion Ratio Lower Upper  
156 100  
77 191.2 92.8 278.6  
158 97.4 48.4 145.3





#78

n-propylbenzene

Concen: 19.468 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA\_Y

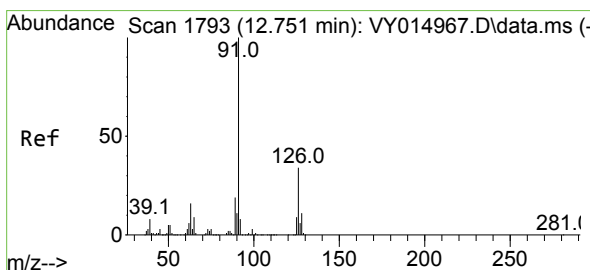
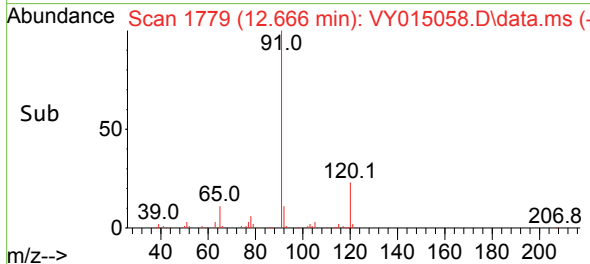
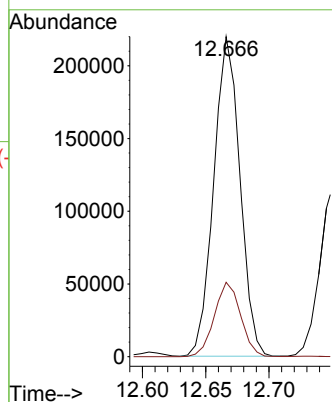
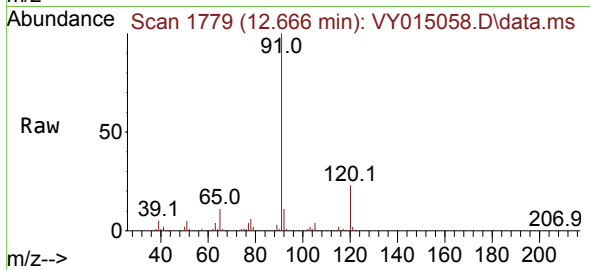
ClientSampleId :

Tgt Ion: 91 Resp: 316497

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 19.697 ug/l

RT: 12.752 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY015058.D

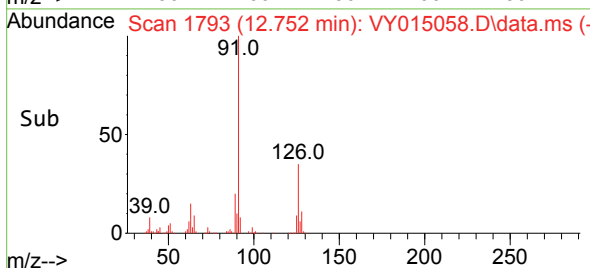
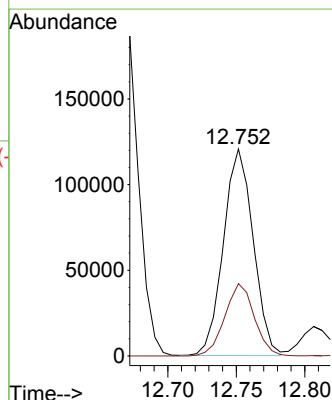
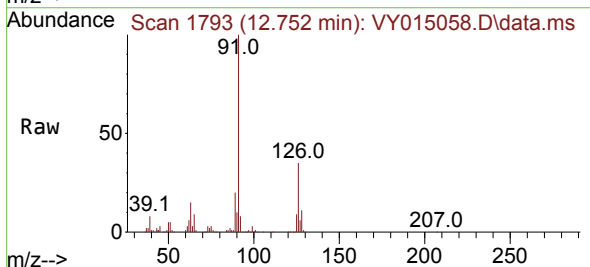
Acq: 11 Aug 2023 15:43

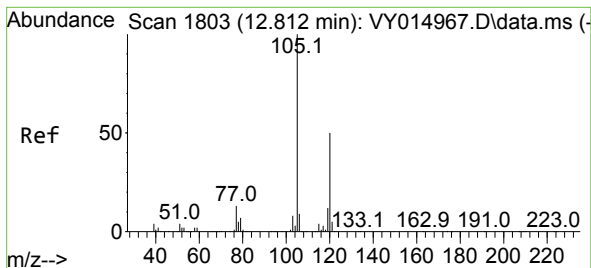
Tgt Ion: 91 Resp: 182501

Ion Ratio Lower Upper

91 100

126 34.7 17.3 51.7





#80

1,3,5-Trimethylbenzene

Concen: 19.885 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA\_Y

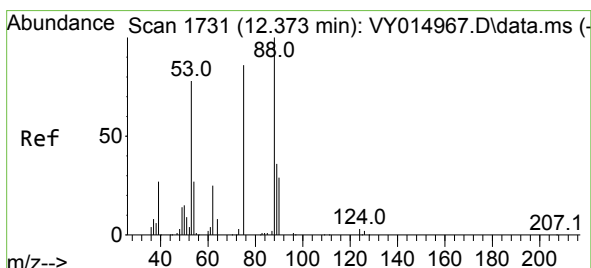
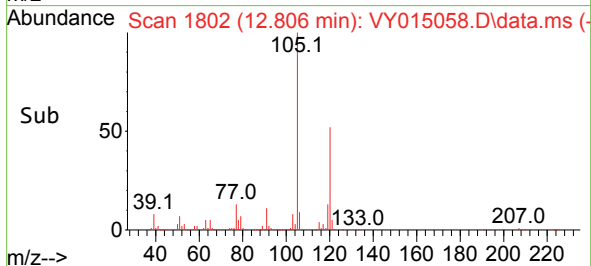
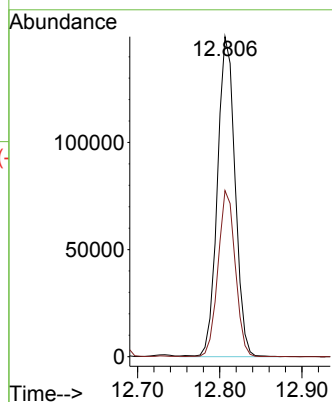
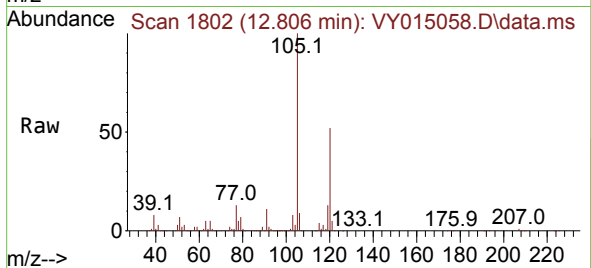
ClientSampleId :

Tgt Ion:105 Resp: 222730

Ion Ratio Lower Upper

105 100

120 50.4 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 20.795 ug/l

RT: 12.374 min Scan# 1731

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

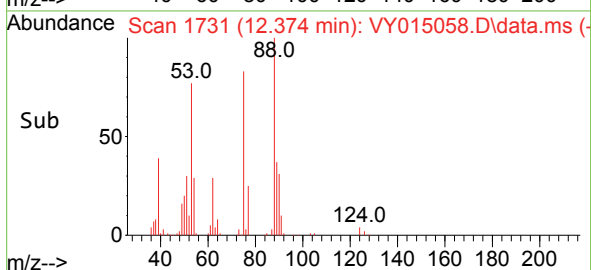
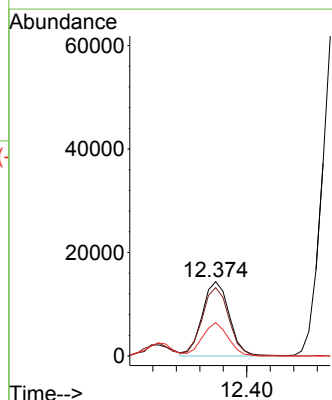
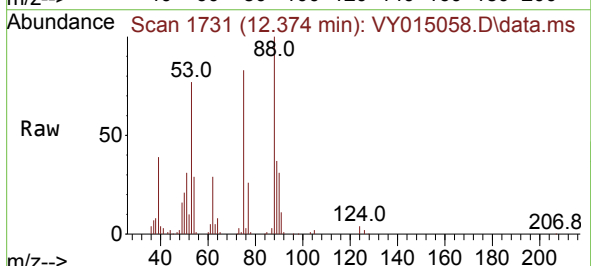
Tgt Ion: 75 Resp: 22870

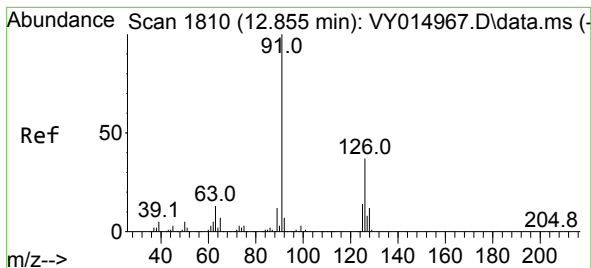
Ion Ratio Lower Upper

75 100

53 91.9 77.8 116.8

89 42.3 37.4 56.0

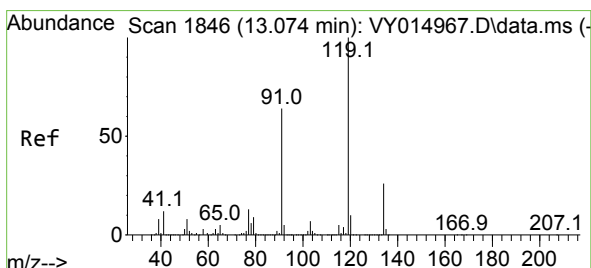
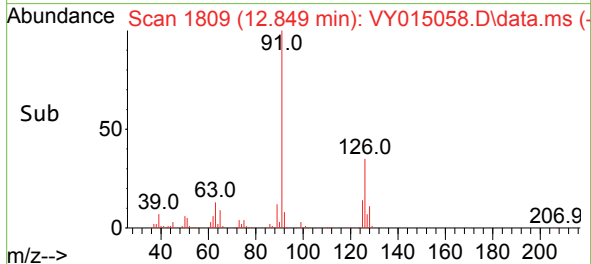
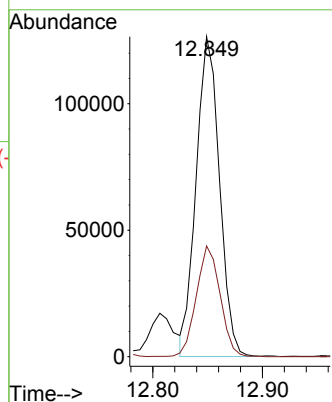
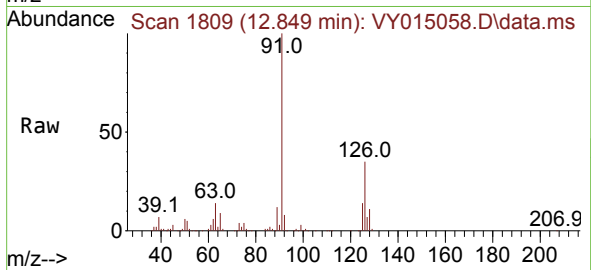




#82  
4-Chlorotoluene  
Concen: 19.545 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

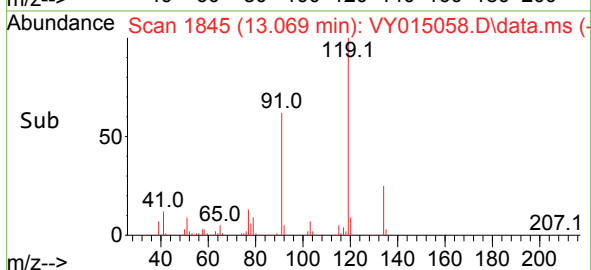
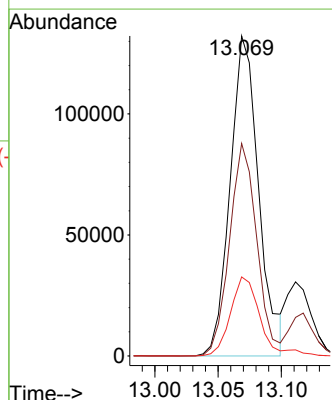
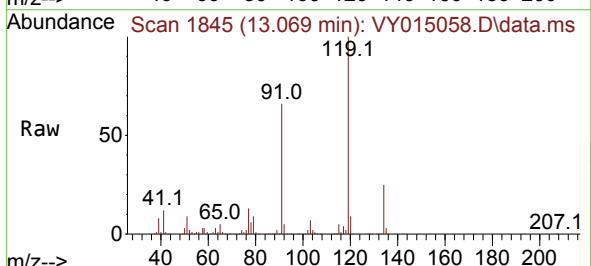
Instrument :  
MSVOA\_Y  
ClientSampleId :

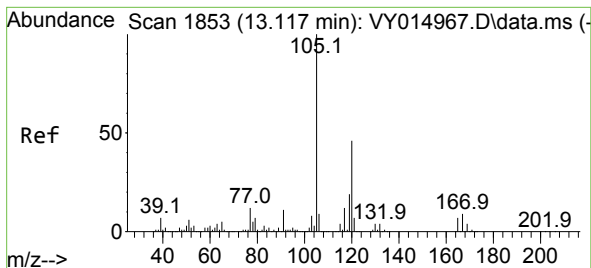
Tgt Ion: 91 Resp: 187208  
Ion Ratio Lower Upper  
91 100  
126 35.3 17.2 51.6



#83  
tert-Butylbenzene  
Concen: 20.231 ug/l  
RT: 13.069 min Scan# 1845  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion: 119 Resp: 207304  
Ion Ratio Lower Upper  
119 100  
91 63.7 32.9 98.6  
134 25.7 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 20.085 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA\_Y

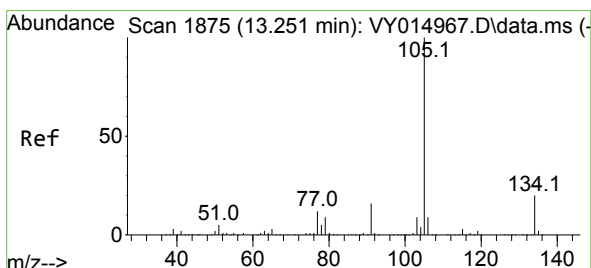
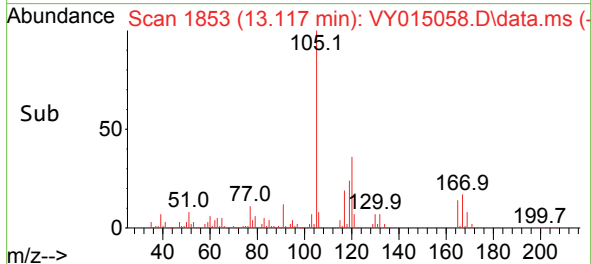
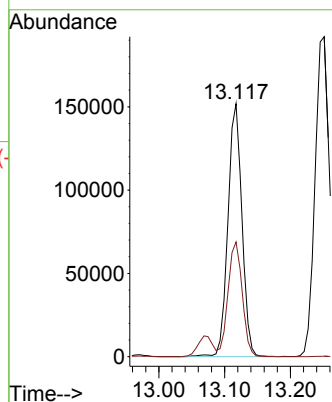
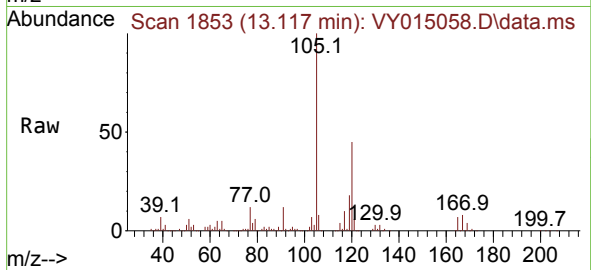
ClientSampleId :

Tgt Ion:105 Resp: 225403

Ion Ratio Lower Upper

105 100

120 46.0 22.2 66.6



#85

sec-Butylbenzene

Concen: 19.671 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015058.D

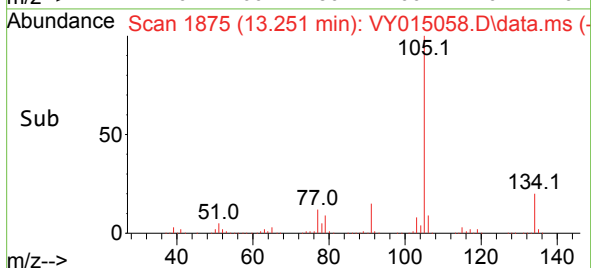
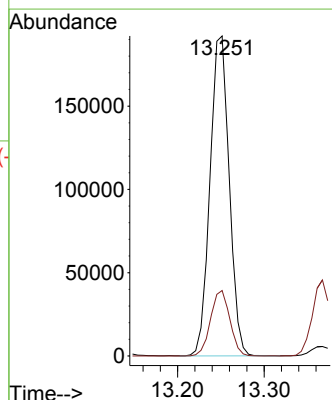
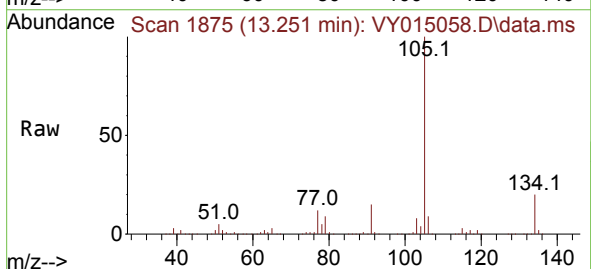
Acq: 11 Aug 2023 15:43

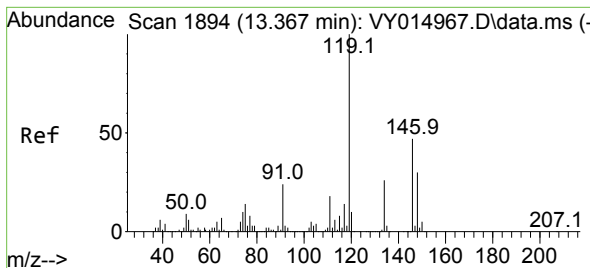
Tgt Ion:105 Resp: 295817

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6

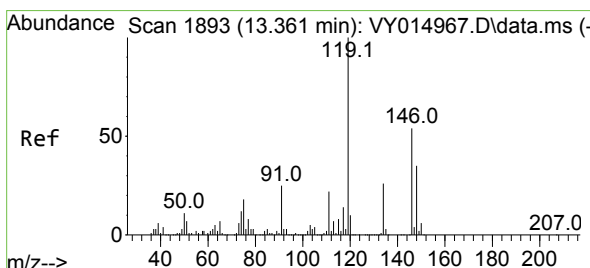
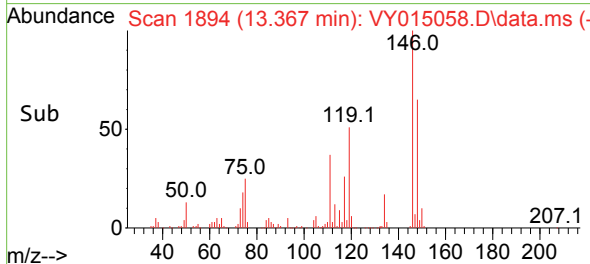
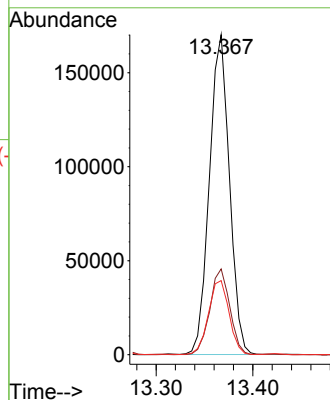
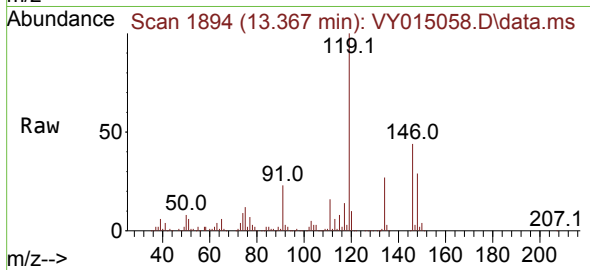




#86  
p-Isopropyltoluene  
Concen: 19.697 ug/l  
RT: 13.367 min Scan# 1894  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

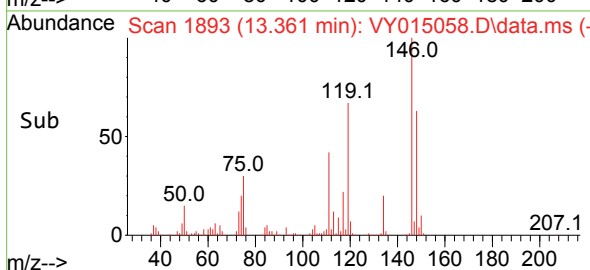
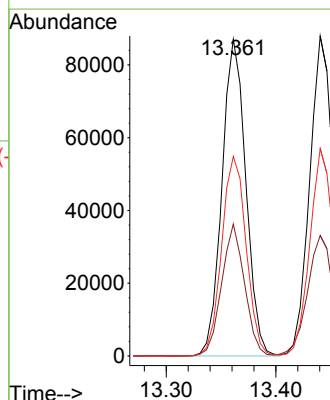
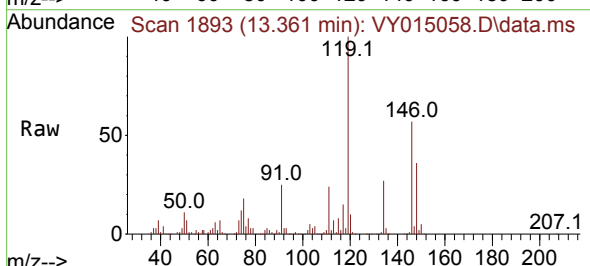
Instrument :  
MSVOA\_Y  
ClientSampleId :

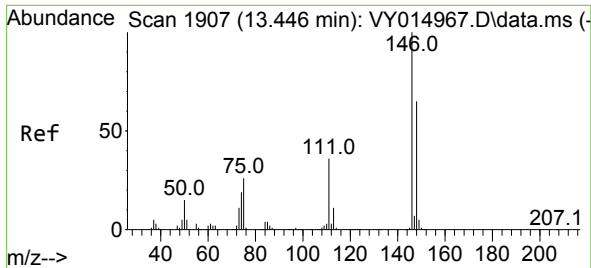
Tgt Ion:119 Resp: 245192  
Ion Ratio Lower Upper  
119 100  
134 26.8 13.3 39.8  
91 23.8 12.4 37.4



#87  
1,3-Dichlorobenzene  
Concen: 20.417 ug/l  
RT: 13.361 min Scan# 1893  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

Tgt Ion:146 Resp: 131759  
Ion Ratio Lower Upper  
146 100  
111 40.0 19.4 58.2  
148 64.5 31.9 95.5

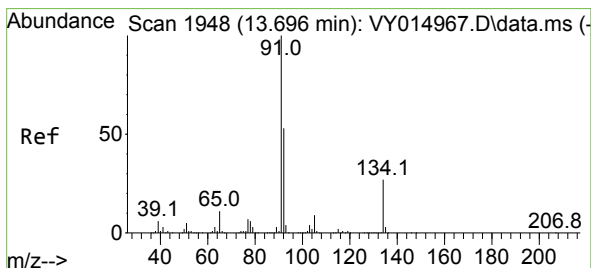
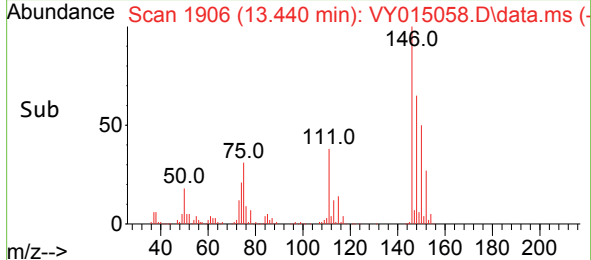
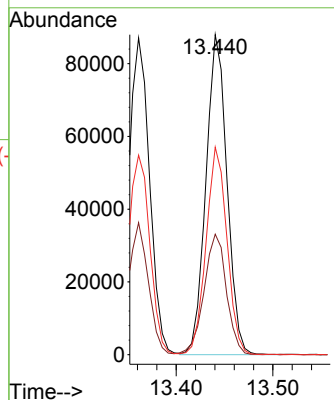
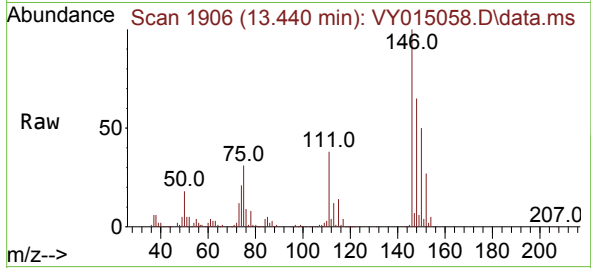




#88  
1,4-Dichlorobenzene  
Concen: 20.703 ug/l  
RT: 13.440 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

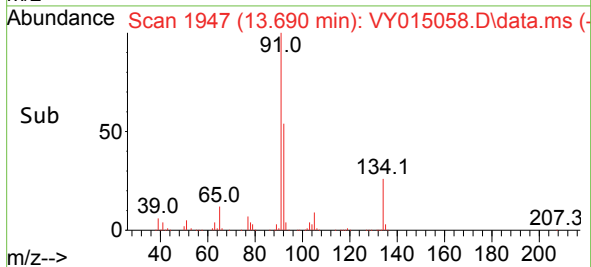
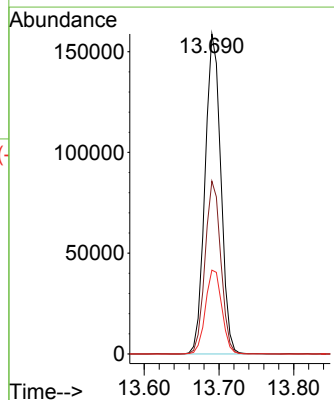
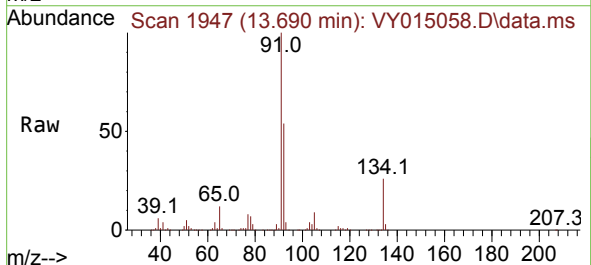
Instrument :  
MSVOA\_Y  
ClientSampleId :

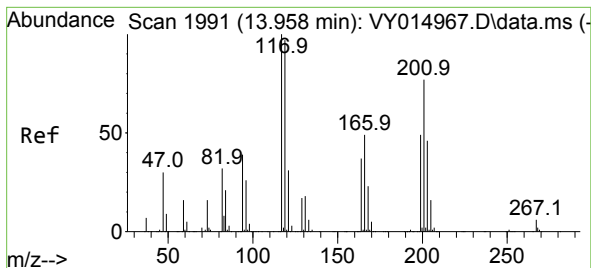
Tgt Ion:146 Resp: 133238  
Ion Ratio Lower Upper  
146 100  
111 40.0 18.9 56.7  
148 64.5 32.1 96.5



#89  
n-Butylbenzene  
Concen: 19.925 ug/l  
RT: 13.690 min Scan# 1947  
Delta R.T. -0.006 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

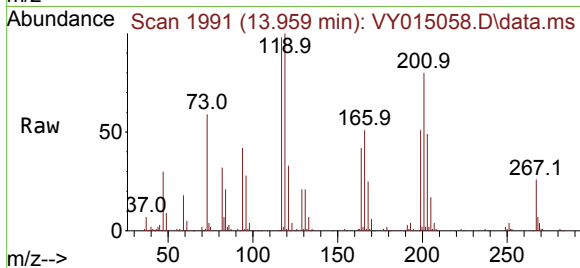
Tgt Ion: 91 Resp: 233044  
Ion Ratio Lower Upper  
91 100  
92 53.8 25.4 76.0  
134 27.2 12.6 37.6



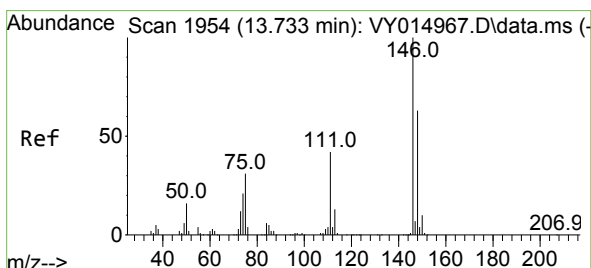
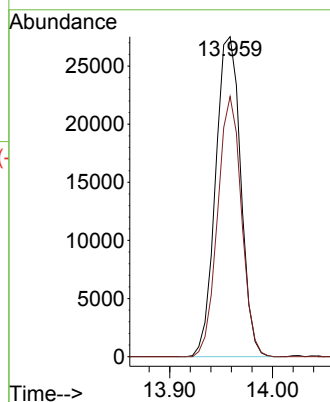
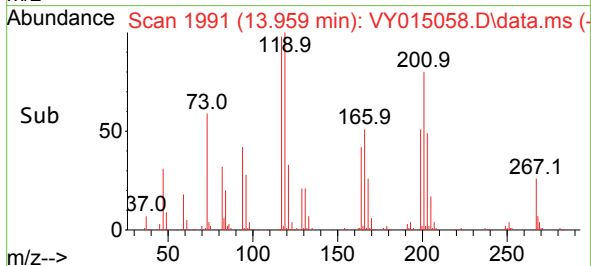


#90  
Hexachloroethane  
Concen: 19.296 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43

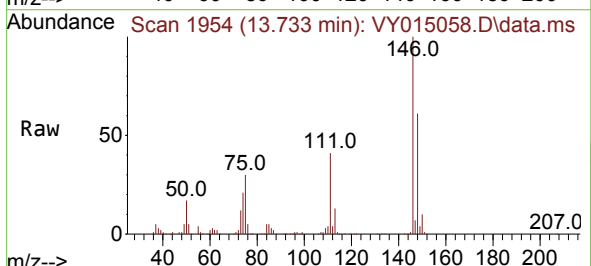
Instrument :  
MSVOA\_Y  
ClientSampleId :



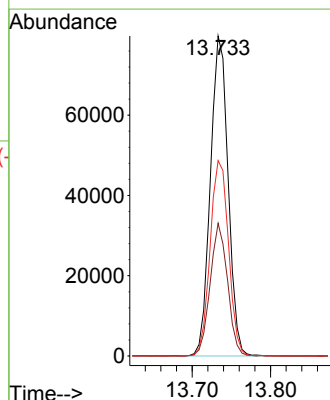
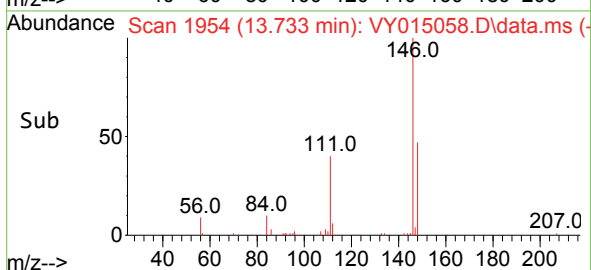
Tgt Ion:117 Resp: 46645  
Ion Ratio Lower Upper  
117 100  
201 77.2 41.6 124.8

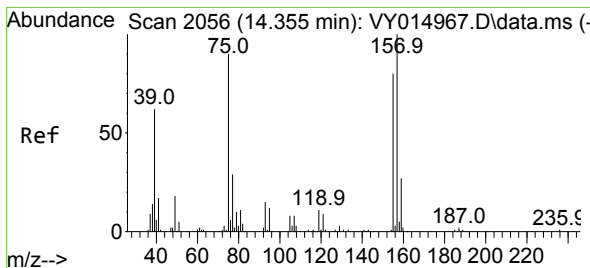


#91  
1,2-Dichlorobenzene  
Concen: 20.993 ug/l  
RT: 13.733 min Scan# 1954  
Delta R.T. 0.000 min  
Lab File: VY015058.D  
Acq: 11 Aug 2023 15:43



Tgt Ion:146 Resp: 125031  
Ion Ratio Lower Upper  
146 100  
111 40.7 19.7 59.0  
148 63.5 32.0 96.2

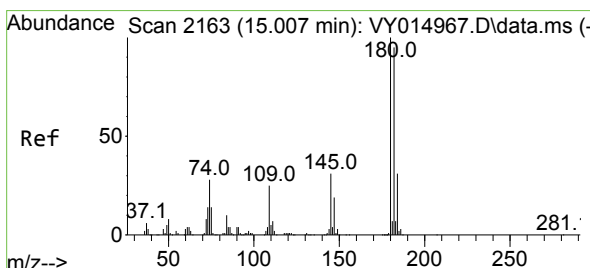
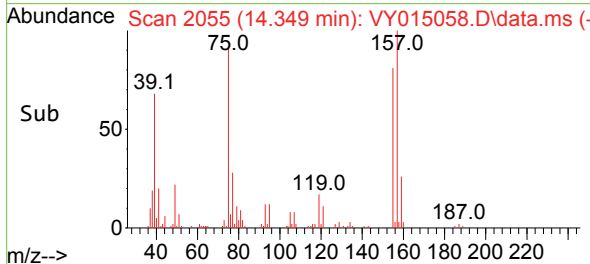
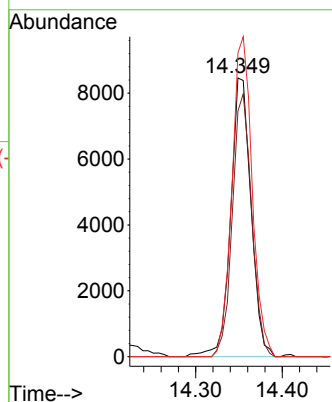
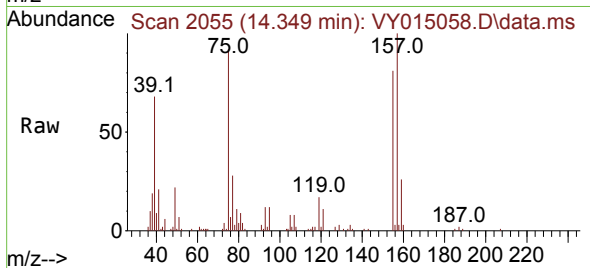




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.235 ug/l  
 RT: 14.349 min Scan# 2055  
 Delta R.T. -0.006 min  
 Lab File: VY015058.D  
 Acq: 11 Aug 2023 15:43

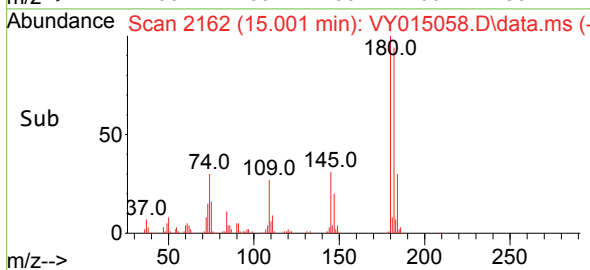
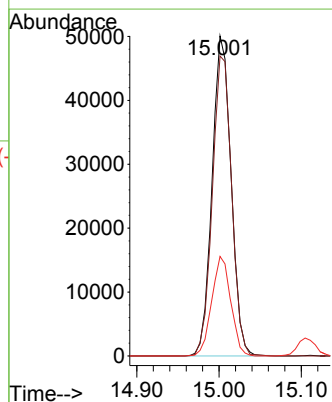
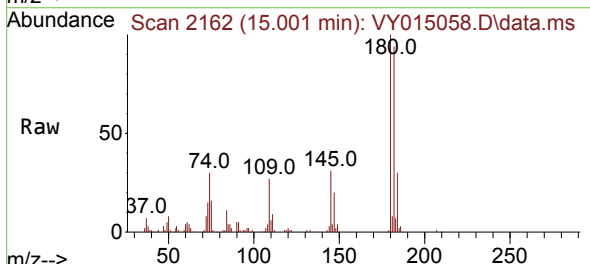
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

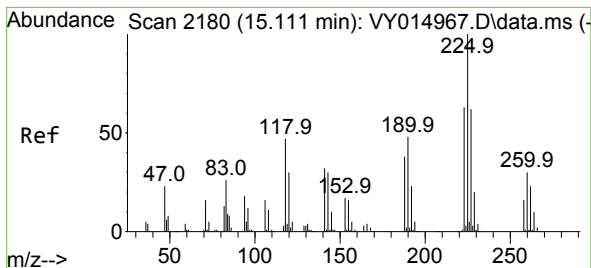
Tgt Ion: 75 Resp: 13772  
 Ion Ratio Lower Upper  
 75 100  
 155 89.8 41.5 124.6  
 157 114.3 51.8 155.5



#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.045 ug/l  
 RT: 15.001 min Scan# 2162  
 Delta R.T. -0.006 min  
 Lab File: VY015058.D  
 Acq: 11 Aug 2023 15:43

Tgt Ion: 180 Resp: 80207  
 Ion Ratio Lower Upper  
 180 100  
 182 95.3 47.0 141.2  
 145 31.2 14.5 43.5





#94

Hexachlorobutadiene

Concen: 20.663 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

Instrument :

MSVOA\_Y

ClientSampleId :

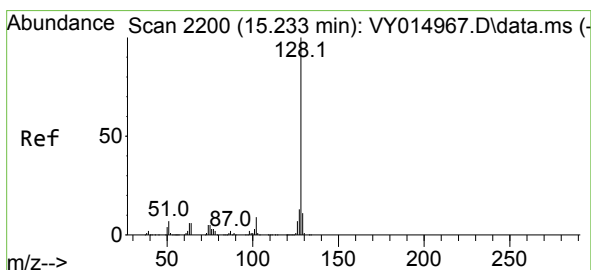
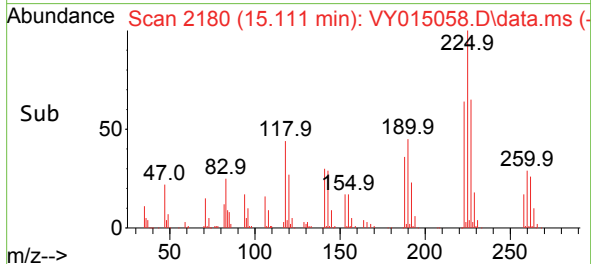
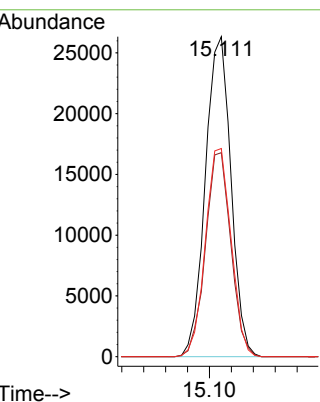
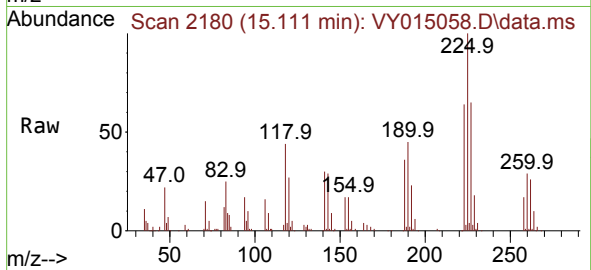
Tgt Ion:225 Resp: 42704

Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.9

227 65.4 33.0 98.9



#95

Naphthalene

Concen: 22.031 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015058.D

Acq: 11 Aug 2023 15:43

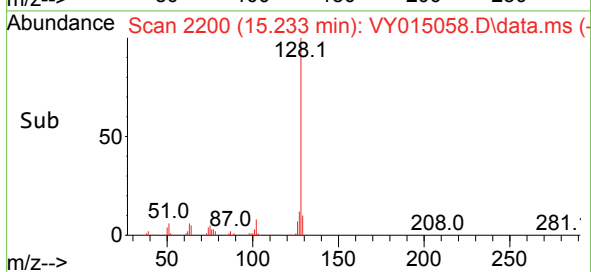
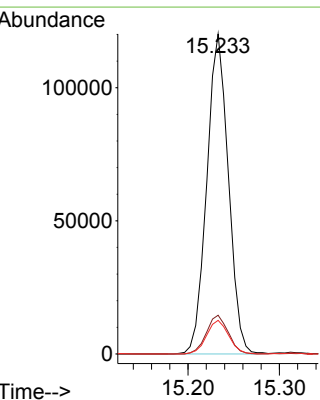
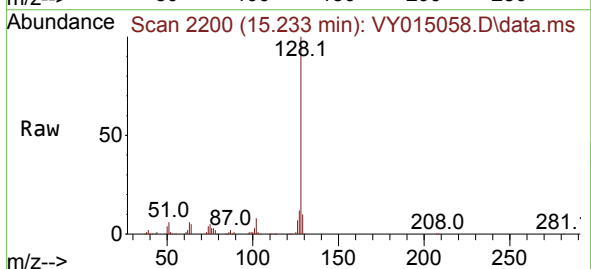
Tgt Ion:128 Resp: 197571

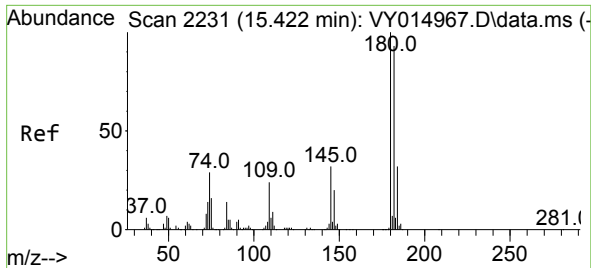
Ion Ratio Lower Upper

128 100

127 12.2 10.8 16.2

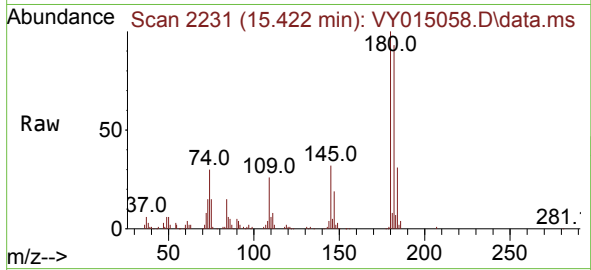
129 10.7 8.6 13.0





#96  
 1,2,3-Trichlorobenzene  
 Concen: 20.659 ug/l  
 RT: 15.422 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VY015058.D  
 Acq: 11 Aug 2023 15:43

Instrument :  
 MSVOA\_Y  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 71269 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 94.5  | 47.3  | 141.8 |
| 145      | 33.6  | 15.4  | 46.2  |

