

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060524\  
 Data File : VY018483.D  
 Acq On : 05 Jun 2024 14:33  
 Operator : SY/MD  
 Sample : VY0605SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jun 06 05:55:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060324S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 07:11:56 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 44102    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 69896    | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.490 | 117  | 60908    | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 40615    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.130  | 65    | 38848    | 44.854   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 89.700% |
| 35) Dibromofluoromethane    | 7.710  | 113   | 42104    | 47.504   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 95.000% |
| 50) Toluene-d8              | 10.173 | 98    | 170371   | 48.318   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 96.640% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 50740    | 46.218   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 92.440% |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 15815  | 22.580 | ug/l   | 100 |
| 3) Chloromethane             | 2.101 | 50  | 32502  | 24.883 | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.241 | 62  | 39751  | 25.442 | ug/l   | 98  |
| 5) Bromomethane              | 2.637 | 94  | 25406  | 24.373 | ug/l   | 88  |
| 6) Chloroethane              | 2.778 | 64  | 25756  | 26.110 | ug/l   | 94  |
| 7) Trichlorofluoromethane    | 3.107 | 101 | 37597  | 23.258 | ug/l   | 94  |
| 8) Diethyl Ether             | 3.509 | 74  | 9182   | 18.878 | ug/l   | 86  |
| 9) 1,1,2-Trichlorotrifluo... | 3.881 | 101 | 20624  | 21.910 | ug/l   | 92  |
| 10) Methyl Iodide            | 4.076 | 142 | 19724  | 21.333 | ug/l   | 95  |
| 11) Tert butyl alcohol       | 4.930 | 59  | 7882   | 22.802 | ug/l # | 82  |
| 12) 1,1-Dichloroethene       | 3.857 | 96  | 20836  | 22.520 | ug/l   | 86  |
| 13) Acrolein                 | 3.723 | 56  | 4893   | 55.193 | ug/l   | 99  |
| 14) Allyl chloride           | 4.466 | 41  | 30308  | 22.368 | ug/l   | 93  |
| 15) Acrylonitrile            | 5.143 | 53  | 18244  | 82.018 | ug/l   | 96  |
| 16) Acetone                  | 3.930 | 43  | 16425  | 85.445 | ug/l   | 89  |
| 17) Carbon Disulfide         | 4.174 | 76  | 59393  | 21.883 | ug/l   | 99  |
| 18) Methyl Acetate           | 4.460 | 43  | 8559   | 17.805 | ug/l   | 94  |
| 19) Methyl tert-butyl Ether  | 5.204 | 73  | 42173  | 18.913 | ug/l   | 100 |
| 20) Methylene Chloride       | 4.698 | 84  | 29794  | 25.728 | ug/l # | 87  |
| 21) trans-1,2-Dichloroethene | 5.198 | 96  | 22156  | 22.440 | ug/l   | 91  |
| 22) Diisopropyl ether        | 6.100 | 45  | 61055  | 22.126 | ug/l # | 89  |
| 23) Vinyl Acetate            | 6.039 | 43  | 166944 | 92.960 | ug/l # | 92  |
| 24) 1,1-Dichloroethane       | 5.997 | 63  | 36967  | 21.478 | ug/l   | 96  |
| 25) 2-Butanone               | 6.978 | 43  | 22978  | 78.027 | ug/l   | 93  |
| 26) 2,2-Dichloropropane      | 6.966 | 77  | 30718  | 20.306 | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 6.972 | 96  | 23646  | 20.589 | ug/l   | 88  |
| 28) Bromochloromethane       | 7.326 | 49  | 15006  | 18.946 | ug/l   | 82  |
| 29) Tetrahydrofuran          | 7.338 | 42  | 16433  | 85.924 | ug/l   | 89  |
| 30) Chloroform               | 7.496 | 83  | 36601  | 21.202 | ug/l   | 92  |
| 31) Cyclohexane              | 7.771 | 56  | 36970  | 22.894 | ug/l   | 96  |
| 32) 1,1,1-Trichloroethane    | 7.685 | 97  | 33762  | 22.330 | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 7.905 | 75  | 30361  | 22.466 | ug/l   | 96  |
| 37) Ethyl Acetate            | 7.063 | 43  | 11122  | 16.474 | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 28346  | 20.931 | ug/l   | 90  |
| 39) Methylcyclohexane        | 9.173 | 83  | 38128  | 20.870 | ug/l   | 94  |
| 40) Benzene                  | 8.149 | 78  | 87764  | 21.674 | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060524\  
 Data File : VY018483.D  
 Acq On : 05 Jun 2024 14:33  
 Operator : SY/MD  
 Sample : VY0605SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jun 06 05:55:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060324S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 07:11:56 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.289  | 41   | 6091     | 18.548  | ug/l # | 68       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 19142    | 19.444  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.264  | 43   | 21867    | 17.322  | ug/l   | 93       |
| 44) Trichloroethene           | 8.935  | 130  | 21511    | 21.437  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 19038    | 20.558  | ug/l   | 96       |
| 46) Dibromomethane            | 9.295  | 93   | 9892     | 18.631  | ug/l   | 90       |
| 47) Bromodichloromethane      | 9.490  | 83   | 26214    | 20.568  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.289  | 41   | 10096    | 17.383  | ug/l   | 87       |
| 49) 1,4-Dioxane               | 9.289  | 88   | 2115     | 303.344 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 54112    | 82.550  | ug/l   | 92       |
| 52) Toluene                   | 10.240 | 92   | 54252    | 21.783  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 21439    | 18.318  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 28300    | 19.638  | ug/l # | 92       |
| 55) 1,1,2-Trichloroethane     | 10.636 | 97   | 13007    | 18.830  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 17496    | 17.999  | ug/l # | 80       |
| 57) 1,3-Dichloropropane       | 10.782 | 76   | 23009    | 19.621  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 40356    | 77.312  | ug/l   | 97       |
| 59) 2-Hexanone                | 10.825 | 43   | 37904    | 83.677  | ug/l   | 92       |
| 60) Dibromochloromethane      | 10.977 | 129  | 14770    | 17.502  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 11672    | 17.944  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.715 | 164  | 19206    | 21.407  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.508 | 112  | 53091    | 20.326  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 16024    | 18.973  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.587 | 91   | 101085   | 21.262  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.697 | 106  | 75295    | 42.060  | ug/l   | 96       |
| 69) o-Xylene                  | 12.026 | 106  | 34409    | 19.967  | ug/l   | 93       |
| 70) Styrene                   | 12.038 | 104  | 55820    | 19.825  | ug/l   | 98       |
| 71) Bromoform                 | 12.203 | 173  | 7115     | 15.991  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.325 | 105  | 93099    | 22.213  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 19072    | 18.695  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.575 | 83   | 14681    | 19.899  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 17813    | 35.369  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 17486    | 19.650  | ug/l   | 87       |
| 78) n-propylbenzene           | 12.666 | 91   | 114721   | 22.806  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 60907    | 22.272  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 72887    | 22.329  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.374 | 75   | 4202     | 17.529  | ug/l   | 87       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 60960    | 22.152  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.069 | 119  | 67372    | 22.320  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 72113    | 22.565  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 100868   | 22.690  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 79146    | 22.060  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 36500    | 20.793  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 35130    | 20.371  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.690 | 91   | 76825    | 22.534  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.959 | 117  | 13906    | 20.679  | ug/l   | 82       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 30867    | 20.208  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.349 | 75   | 2077     | 18.500  | ug/l   | 72       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 15008    | 18.167  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.105 | 225  | 8080     | 18.416  | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 28323    | 17.071  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 12773    | 18.274  | ug/l   | 97       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060524\  
Data File : VY018483.D  
Acq On : 05 Jun 2024 14:33  
Operator : SY/MD  
Sample : VY0605SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 8 Sample Multiplier: 1

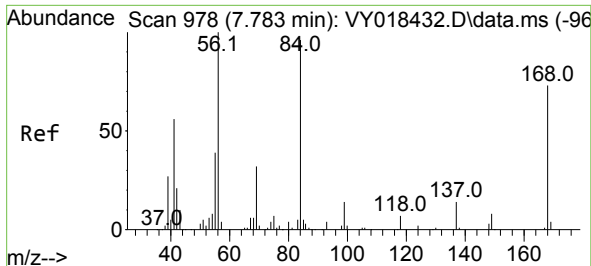
Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jun 06 05:55:43 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060324S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 04 07:11:56 2024  
Response via : Initial Calibration

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

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

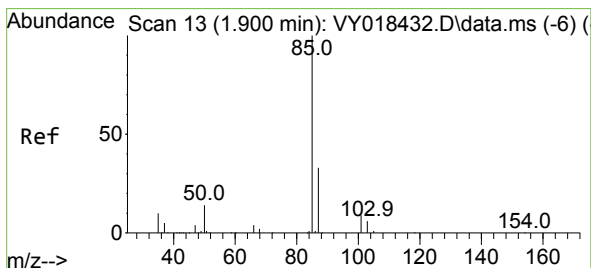
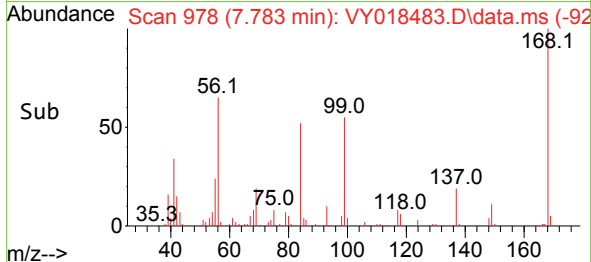
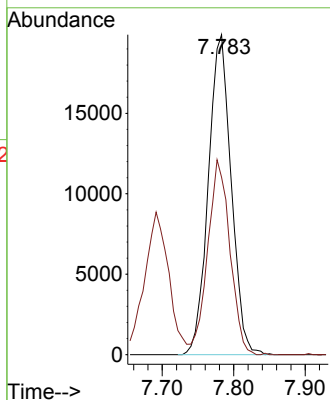
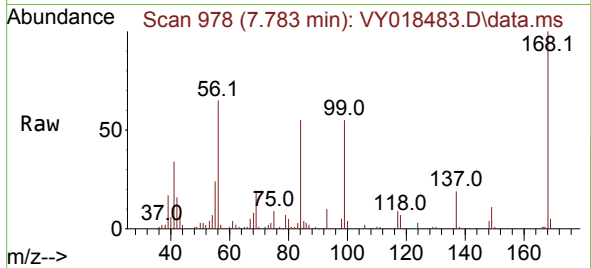




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

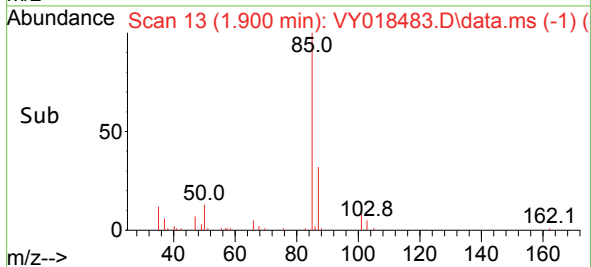
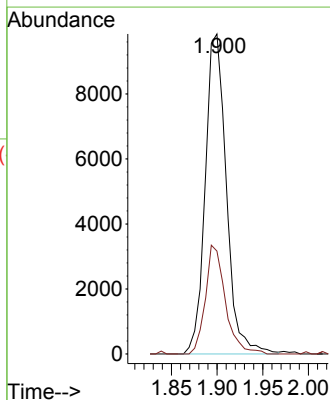
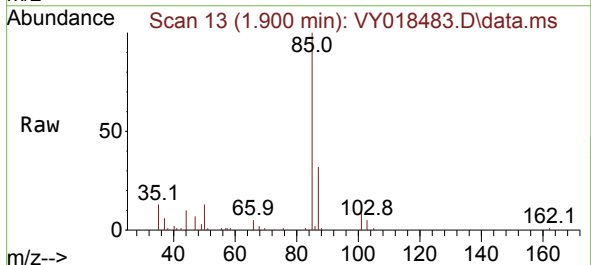
Instrument :  
MSVOA\_Y  
ClientSampleId :

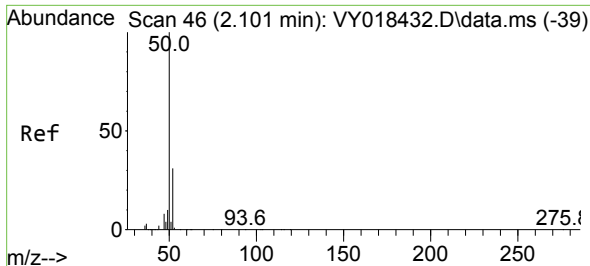
Tgt Ion:168 Resp: 44102  
Ion Ratio Lower Upper  
168 100  
99 55.5 39.1 58.7



#2  
Dichlorodifluoromethane  
Concen: 22.580 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 85 Resp: 15815  
Ion Ratio Lower Upper  
85 100  
87 32.1 16.0 48.0

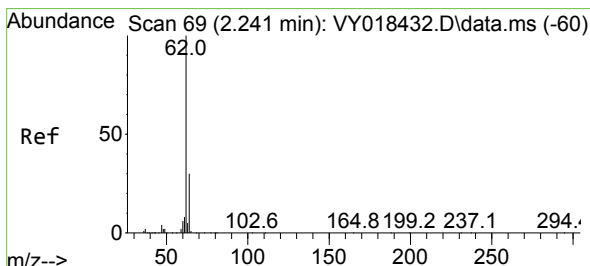
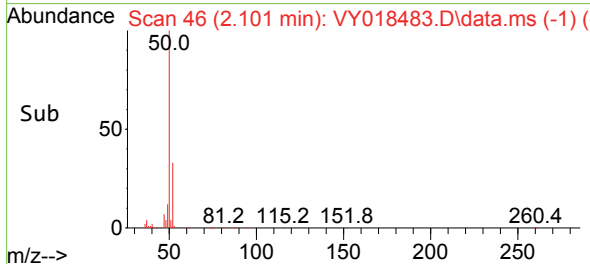
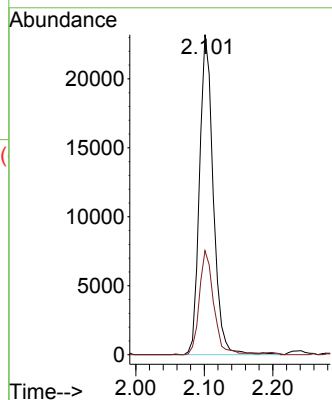
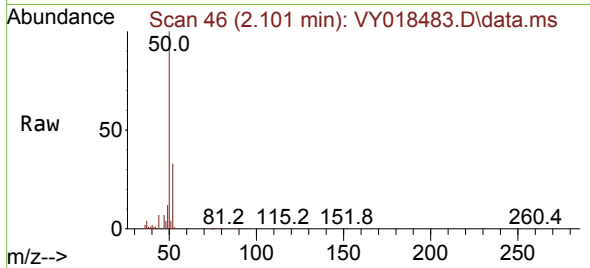




#3  
Chloromethane  
Concen: 24.883 ug/l  
RT: 2.101 min Scan# 46  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

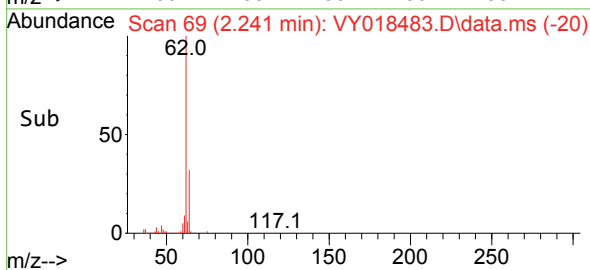
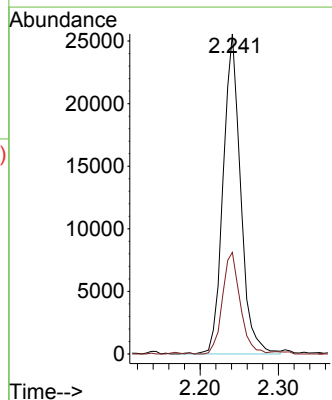
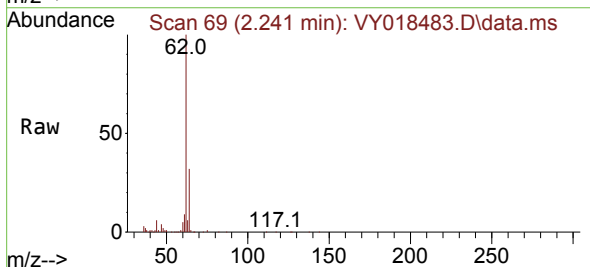
Instrument :  
MSVOA\_Y  
ClientSampleId :

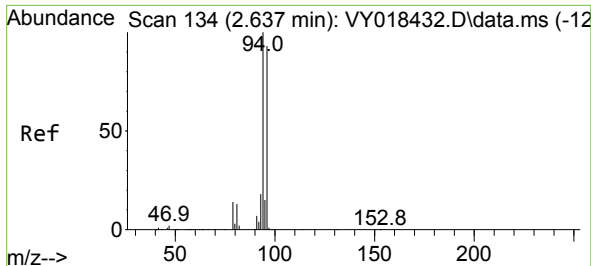
Tgt Ion: 50 Resp: 32502  
Ion Ratio Lower Upper  
50 100  
52 32.5 25.6 38.4



#4  
Vinyl Chloride  
Concen: 25.442 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 62 Resp: 39751  
Ion Ratio Lower Upper  
62 100  
64 31.5 26.1 39.1

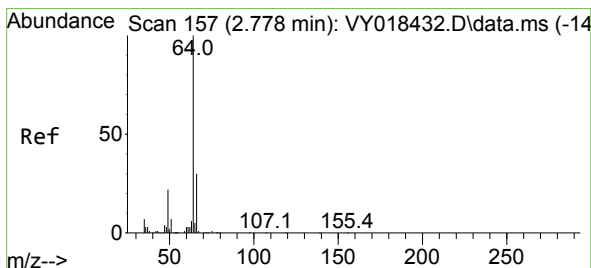
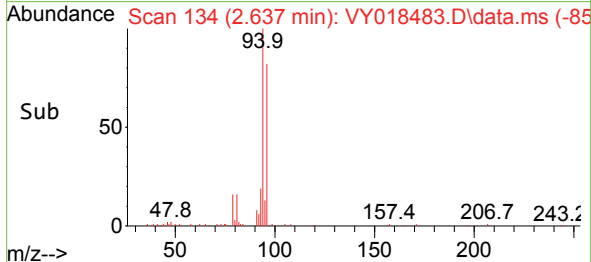
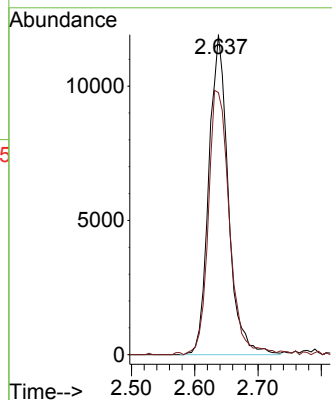
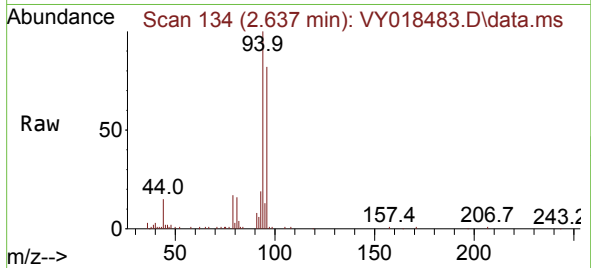




#5  
Bromomethane  
Concen: 24.373 ug/l  
RT: 2.637 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

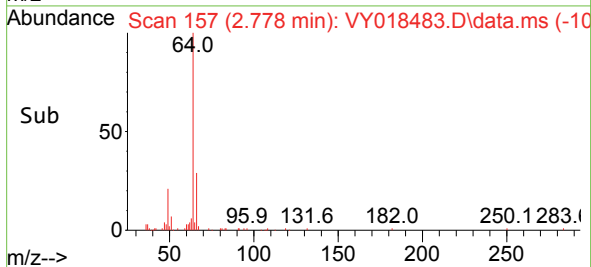
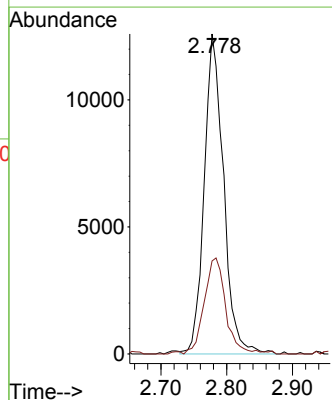
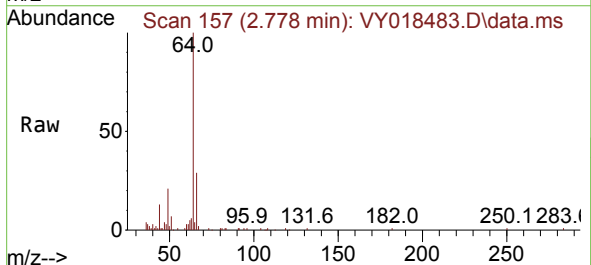
Instrument :  
MSVOA\_Y  
ClientSampleId :

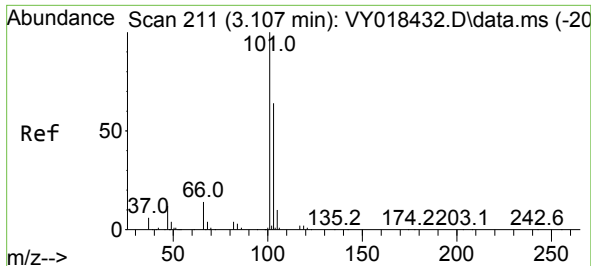
Tgt Ion: 94 Resp: 25406  
Ion Ratio Lower Upper  
94 100  
96 81.2 74.1 111.1



#6  
Chloroethane  
Concen: 26.110 ug/l  
RT: 2.778 min Scan# 157  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

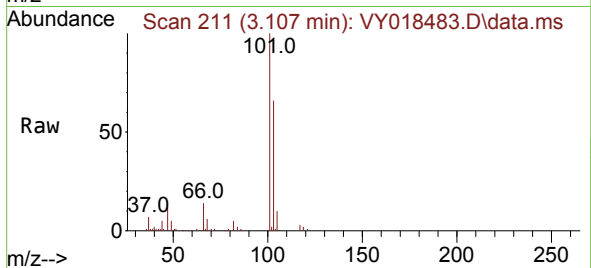
Tgt Ion: 64 Resp: 25756  
Ion Ratio Lower Upper  
64 100  
66 29.0 26.1 39.1



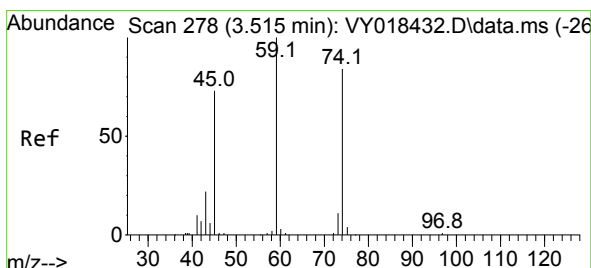
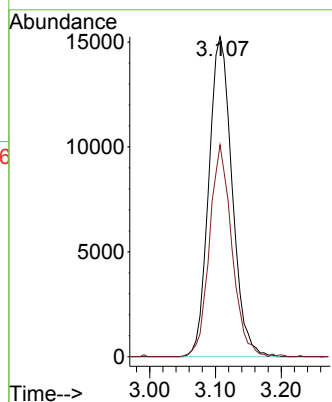
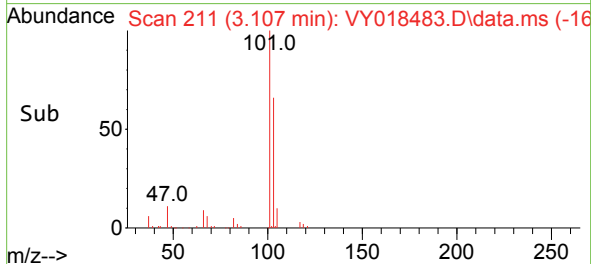


#7  
 Trichlorofluoromethane  
 Concen: 23.258 ug/l  
 RT: 3.107 min Scan# 211  
 Delta R.T. 0.000 min  
 Lab File: VY018483.D  
 Acq: 05 Jun 2024 14:33

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

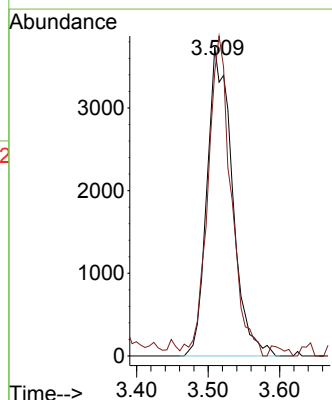
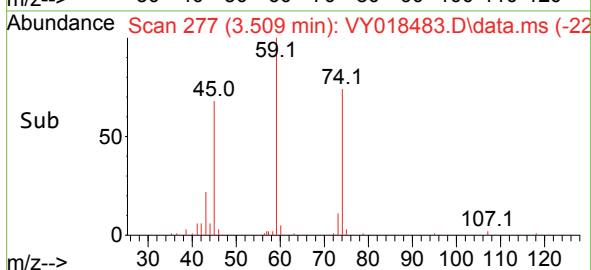
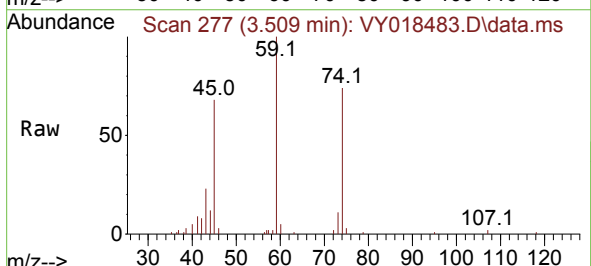


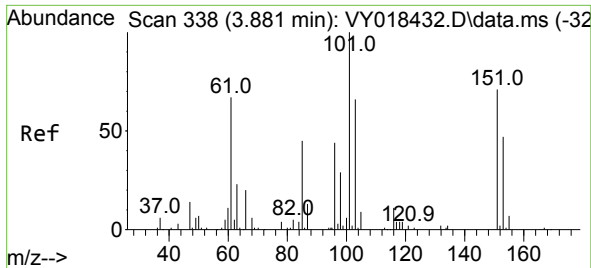
Tgt Ion:101 Resp: 37597  
 Ion Ratio Lower Upper  
 101 100  
 103 66.2 49.3 73.9



#8  
 Diethyl Ether  
 Concen: 18.878 ug/l  
 RT: 3.509 min Scan# 277  
 Delta R.T. -0.006 min  
 Lab File: VY018483.D  
 Acq: 05 Jun 2024 14:33

Tgt Ion: 74 Resp: 9182  
 Ion Ratio Lower Upper  
 74 100  
 45 95.5 41.3 124.1

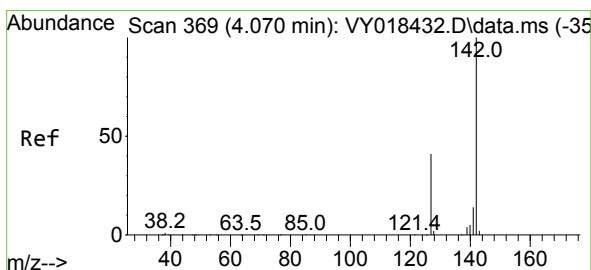
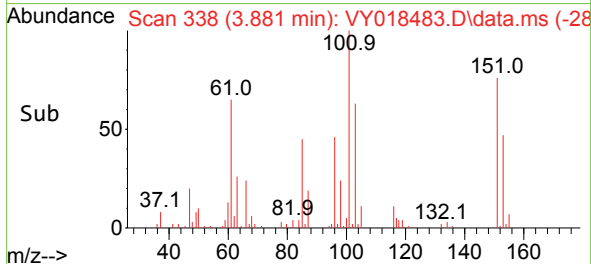
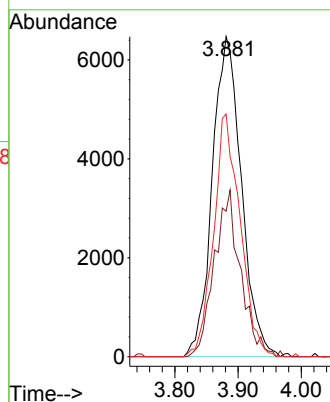
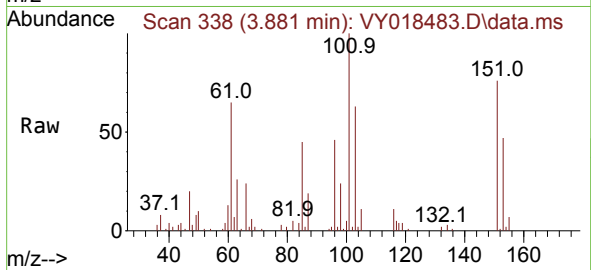




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.910 ug/l  
RT: 3.881 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

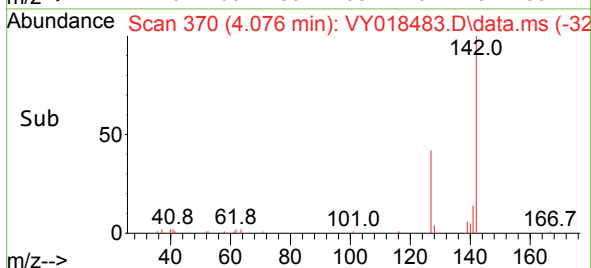
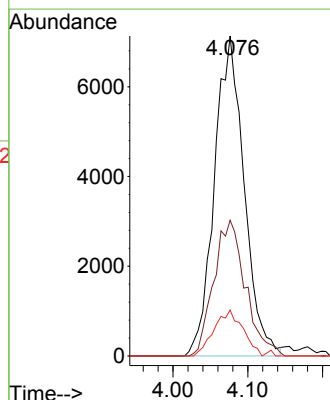
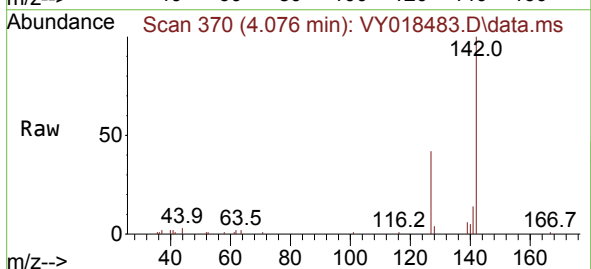
Instrument :  
MSVOA\_Y  
ClientSampleId :

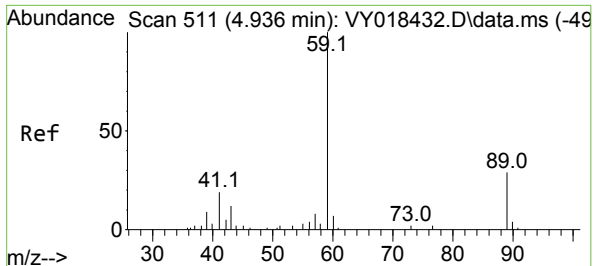
Tgt Ion:101 Resp: 20624  
Ion Ratio Lower Upper  
101 100  
85 47.1 34.5 51.7  
151 69.4 61.7 92.5



#10  
Methyl Iodide  
Concen: 21.333 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. 0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

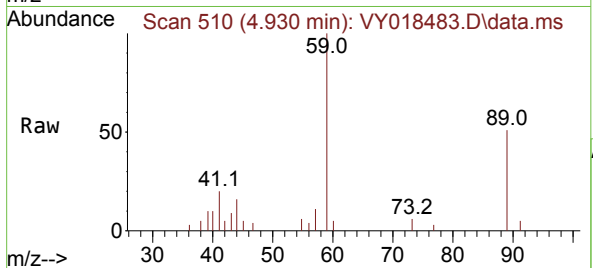
Tgt Ion:142 Resp: 19724  
Ion Ratio Lower Upper  
142 100  
127 45.2 32.8 49.2  
141 14.0 11.4 17.2



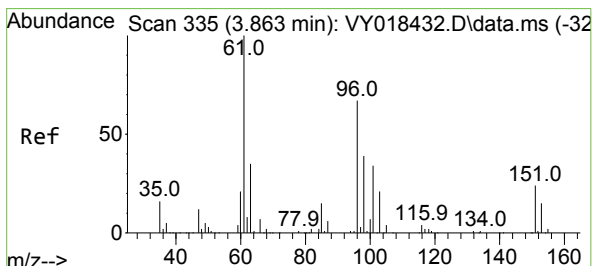
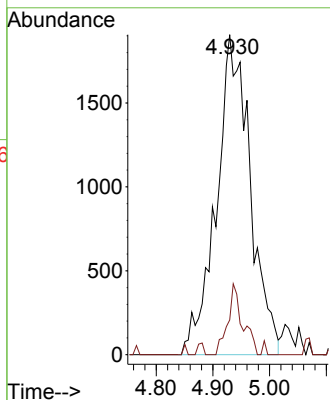
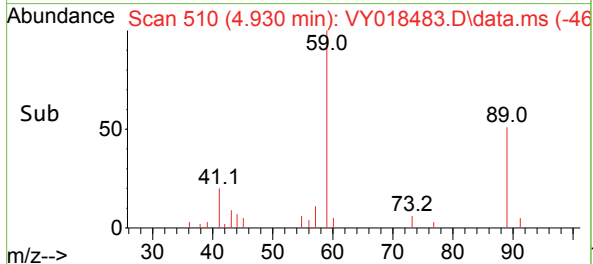


#11  
Tert butyl alcohol  
Concen: 22.802 ug/l  
RT: 4.930 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

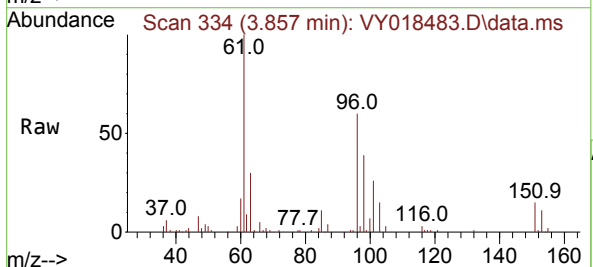
Instrument :  
MSVOA\_Y  
ClientSampleId :



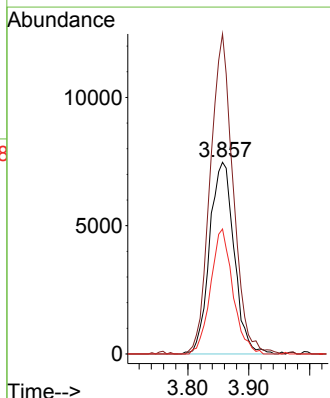
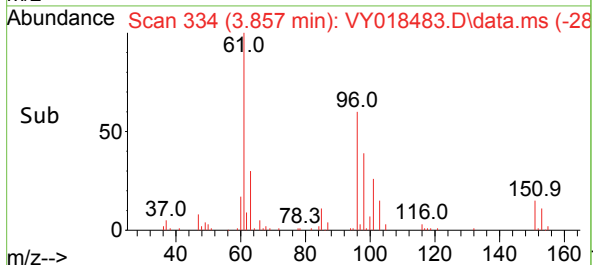
Tgt Ion: 59 Resp: 7882  
Ion Ratio Lower Upper  
59 100  
57 9.6 3.0 4.6#

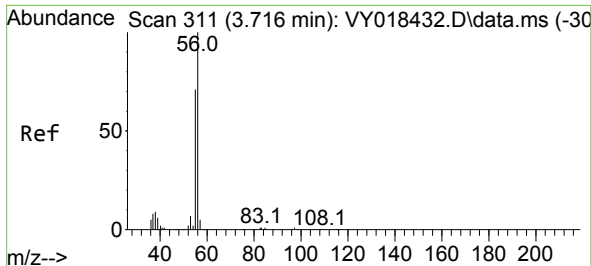


#12  
1,1-Dichloroethene  
Concen: 22.520 ug/l  
RT: 3.857 min Scan# 334  
Delta R.T. -0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33



Tgt Ion: 96 Resp: 20836  
Ion Ratio Lower Upper  
96 100  
61 167.0 114.6 171.8  
98 65.2 50.8 76.2





#13

Acrolein

Concen: 55.193 ug/l

RT: 3.723 min Scan# 311

Delta R.T. 0.007 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

Instrument :

MSVOA\_Y

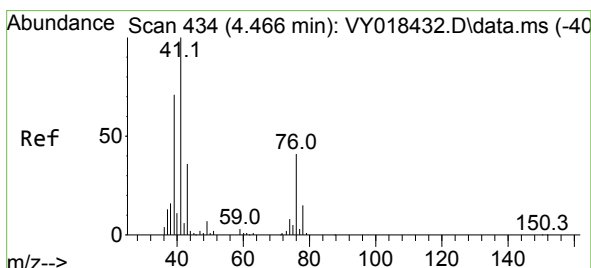
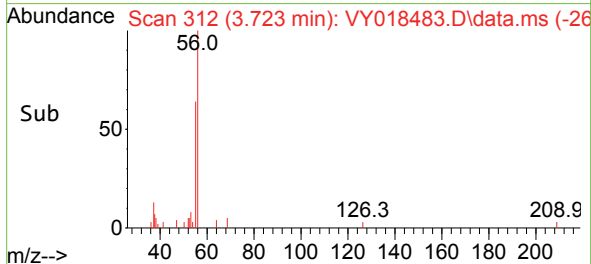
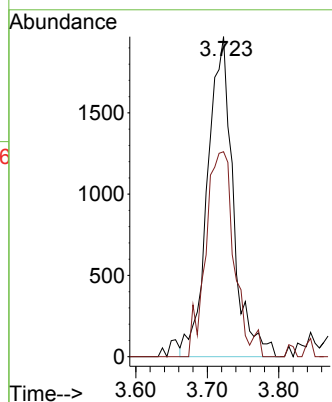
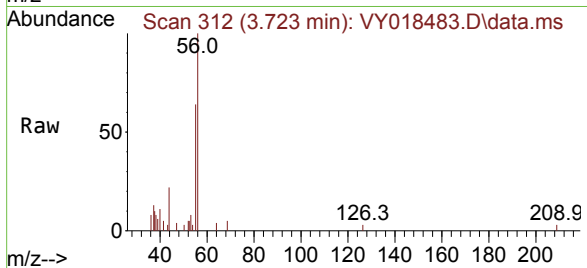
ClientSampleId :

Tgt Ion: 56 Resp: 4893

Ion Ratio Lower Upper

56 100

55 69.1 55.7 83.5



#14

Allyl chloride

Concen: 22.368 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

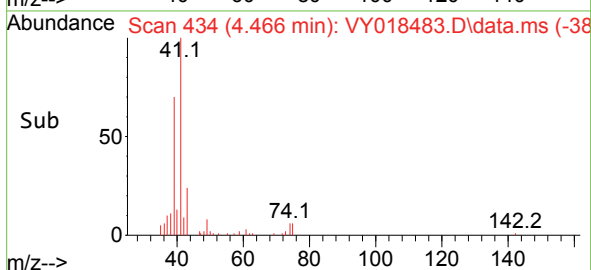
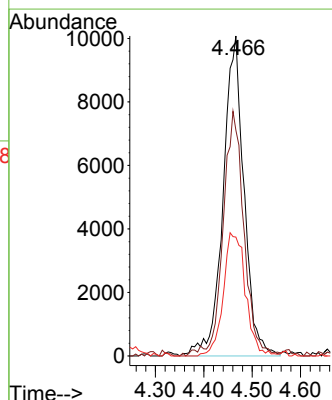
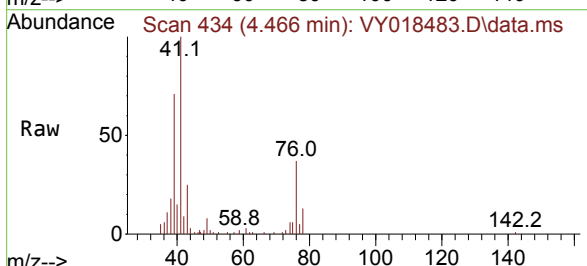
Tgt Ion: 41 Resp: 30308

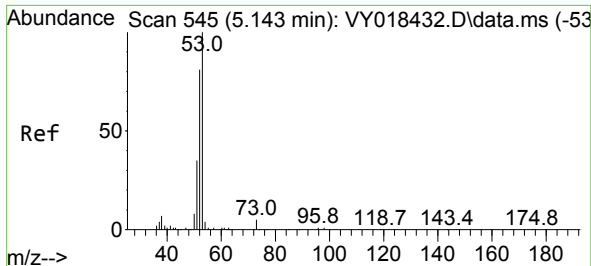
Ion Ratio Lower Upper

41 100

39 76.2 58.3 87.5

76 40.7 39.0 58.6

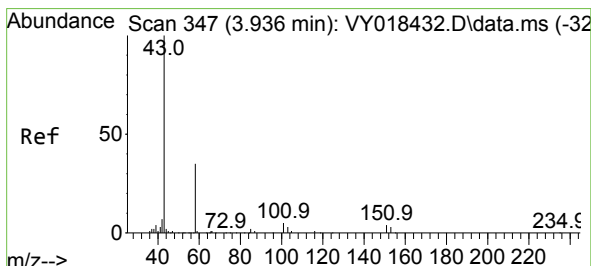
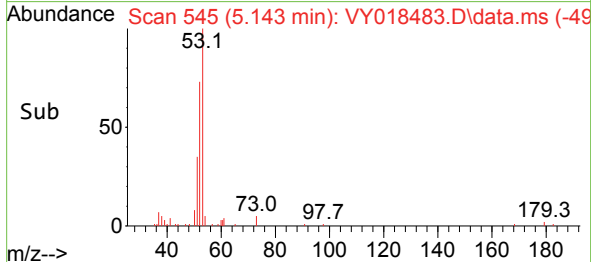
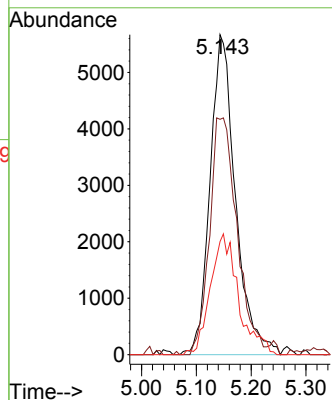
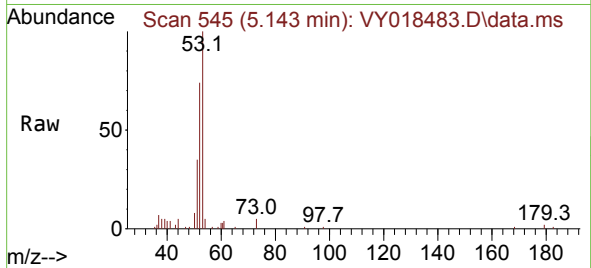




#15  
Acrylonitrile  
Concen: 82.018 ug/l  
RT: 5.143 min Scan# 545  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

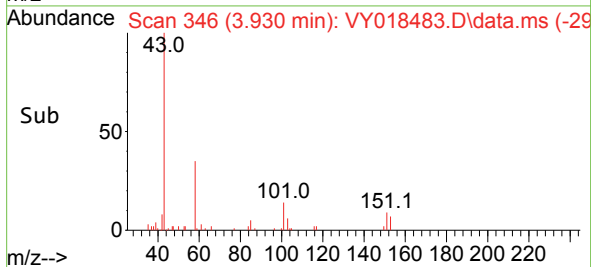
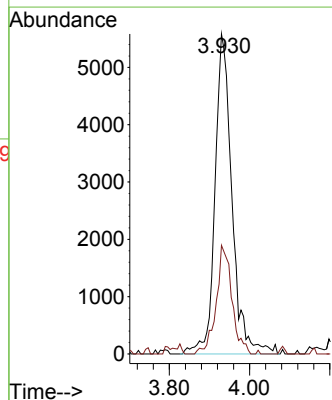
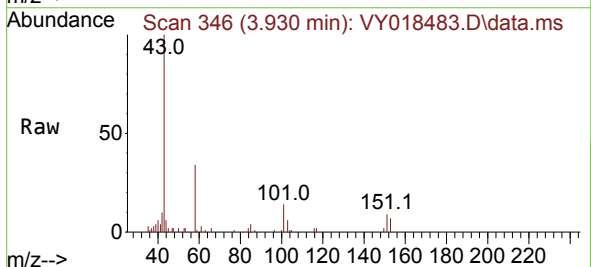
Instrument :  
MSVOA\_Y  
ClientSampleId :

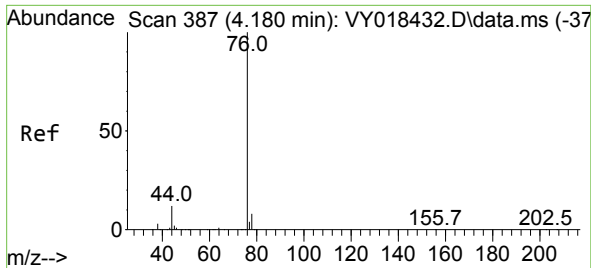
Tgt Ion: 53 Resp: 18244  
Ion Ratio Lower Upper  
53 100  
52 79.9 64.7 97.1  
51 41.9 28.4 42.6



#16  
Acetone  
Concen: 85.445 ug/l  
RT: 3.930 min Scan# 346  
Delta R.T. -0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 43 Resp: 16425  
Ion Ratio Lower Upper  
43 100  
58 32.6 31.7 47.5

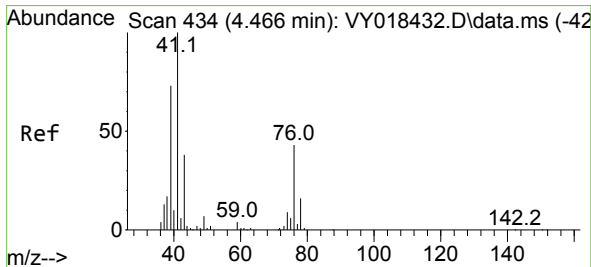
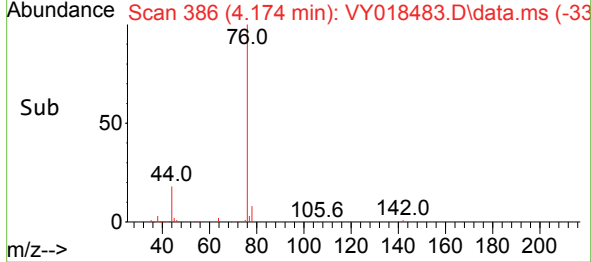
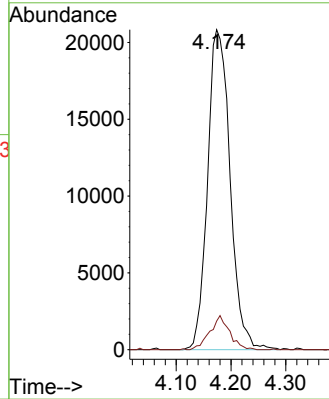
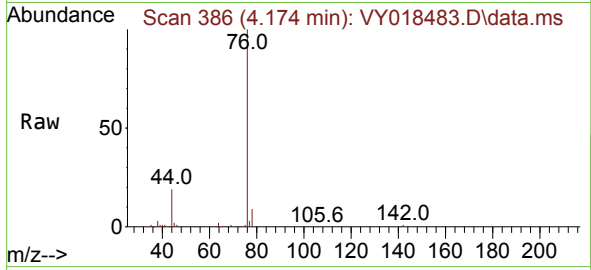




#17  
Carbon Disulfide  
Concen: 21.883 ug/l  
RT: 4.174 min Scan# 386  
Delta R.T. -0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

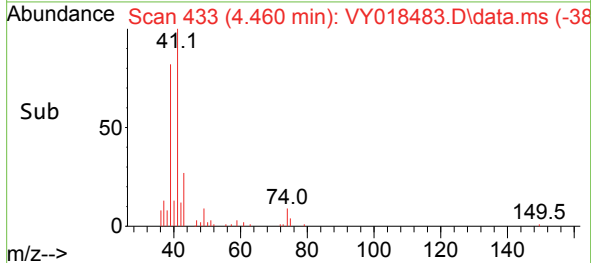
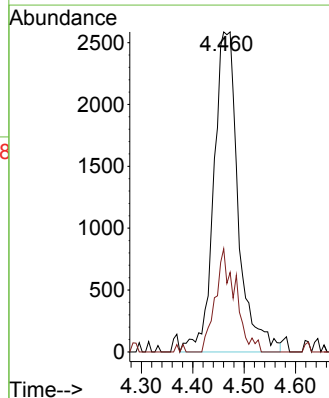
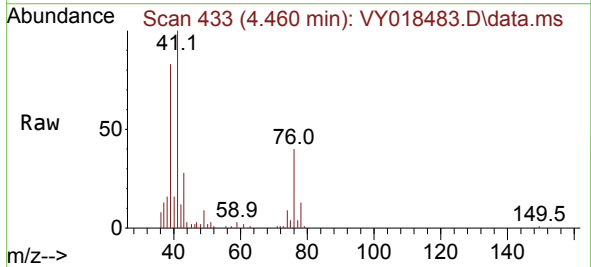
Instrument :  
MSVOA\_Y  
ClientSampleId :

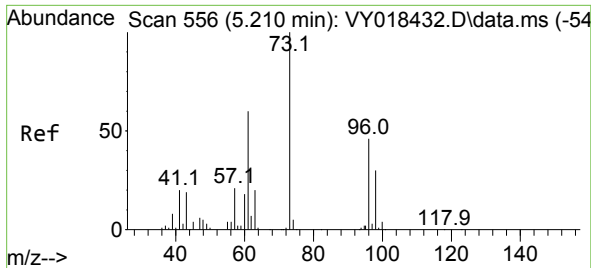
Tgt Ion: 76 Resp: 59393  
Ion Ratio Lower Upper  
76 100  
78 8.9 6.8 10.2



#18  
Methyl Acetate  
Concen: 17.805 ug/l  
RT: 4.460 min Scan# 433  
Delta R.T. -0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 43 Resp: 8559  
Ion Ratio Lower Upper  
43 100  
74 25.6 23.3 34.9

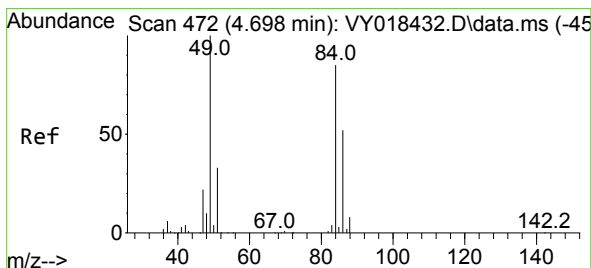
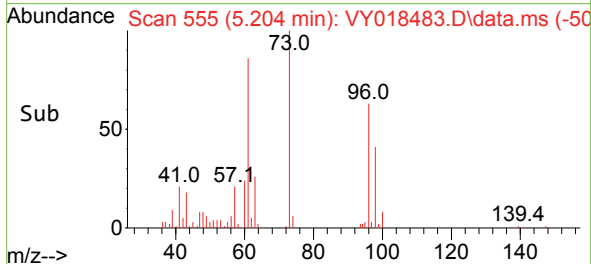
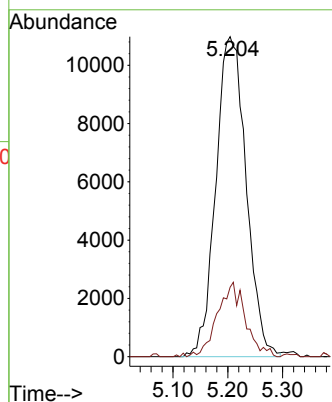
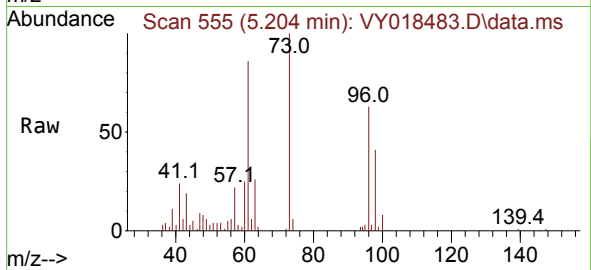




#19  
Methyl tert-butyl Ether  
Concen: 18.913 ug/l  
RT: 5.204 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

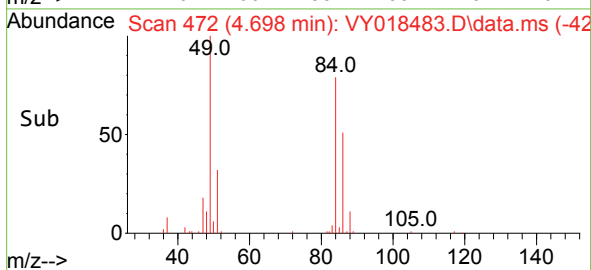
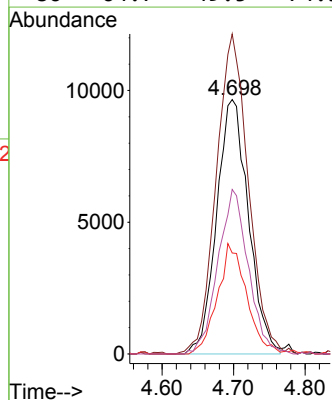
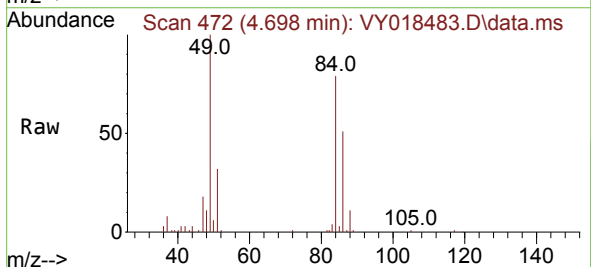
Instrument :  
MSVOA\_Y  
ClientSampleId :

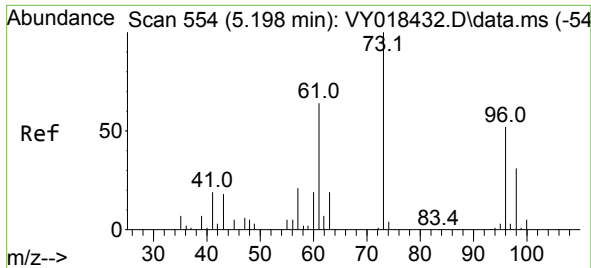
Tgt Ion: 73 Resp: 42173  
Ion Ratio Lower Upper  
73 100  
57 21.7 17.3 25.9



#20  
Methylene Chloride  
Concen: 25.728 ug/l  
RT: 4.698 min Scan# 472  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

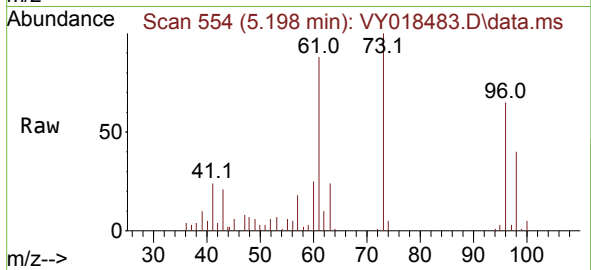
Tgt Ion: 84 Resp: 29794  
Ion Ratio Lower Upper  
84 100  
49 125.2 84.4 126.6  
51 39.7 26.0 39.0#  
86 64.7 49.5 74.3



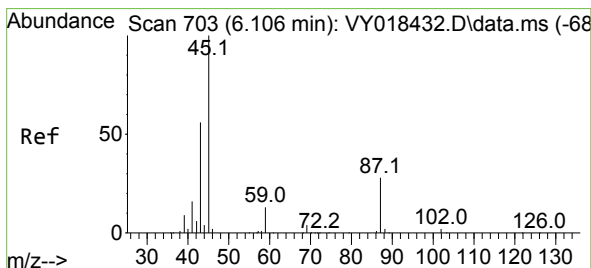
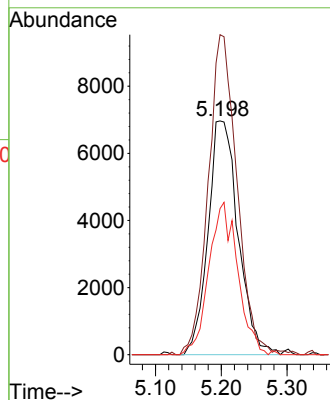
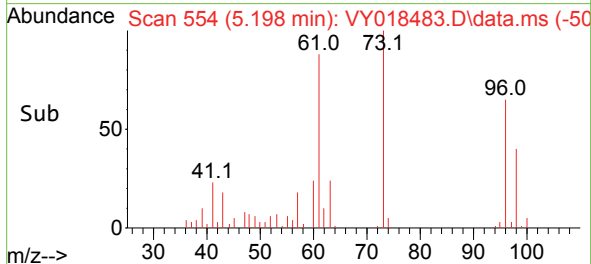


#21  
trans-1,2-Dichloroethene  
Concen: 22.440 ug/l  
RT: 5.198 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

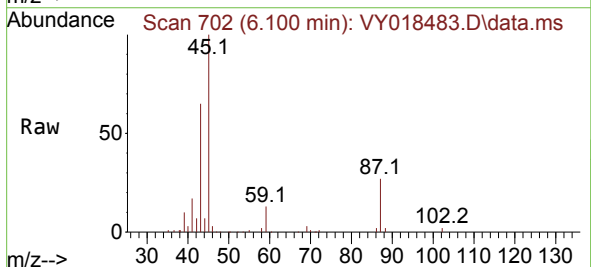
Instrument :  
MSVOA\_Y  
ClientSampleId :



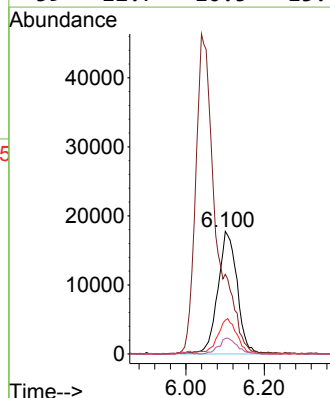
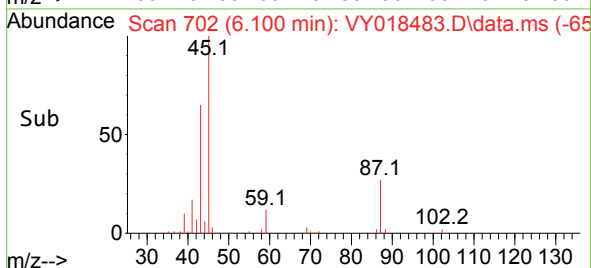
|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 22156 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 136.9    | 97.5 146.3  |
| 98 62.5     | 50.5 75.7   |

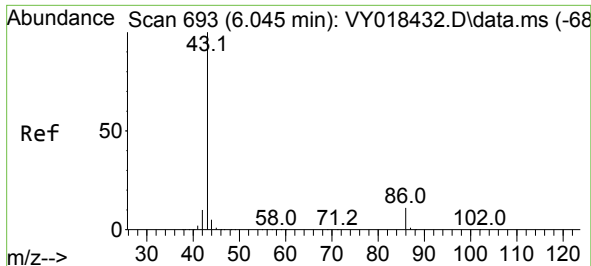


#22  
Diisopropyl ether  
Concen: 22.126 ug/l  
RT: 6.100 min Scan# 702  
Delta R.T. -0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33



|             |             |
|-------------|-------------|
| Tgt Ion: 45 | Resp: 61055 |
| Ion Ratio   | Lower Upper |
| 45 100      |             |
| 43 64.2     | 42.2 63.2#  |
| 87 27.5     | 25.0 37.6   |
| 59 12.7     | 10.5 15.7   |

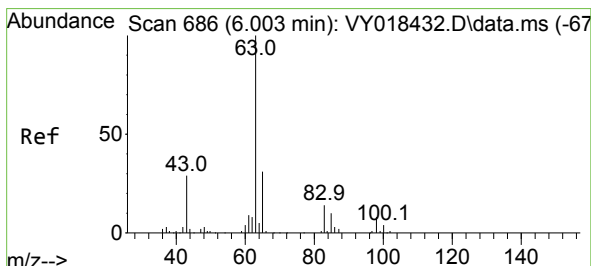
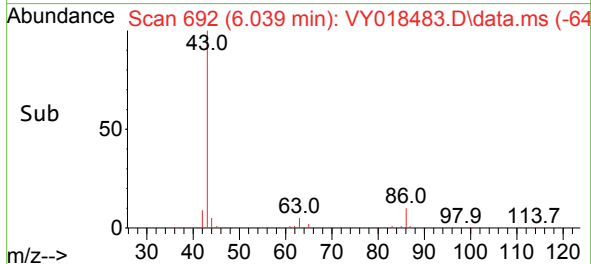
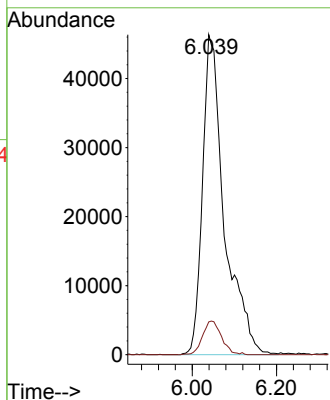
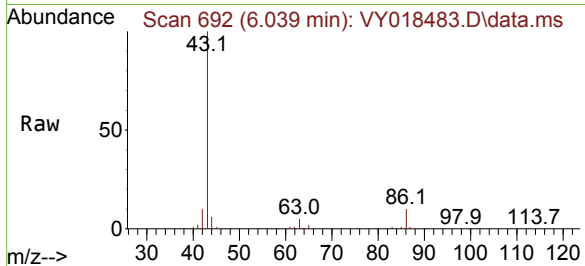




#23  
 Vinyl Acetate  
 Concen: 92.960 ug/l  
 RT: 6.039 min Scan# 691  
 Delta R.T. -0.006 min  
 Lab File: VY018483.D  
 Acq: 05 Jun 2024 14:33

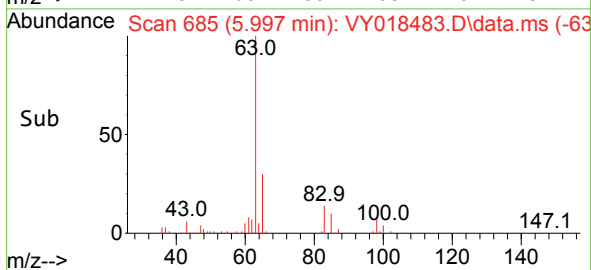
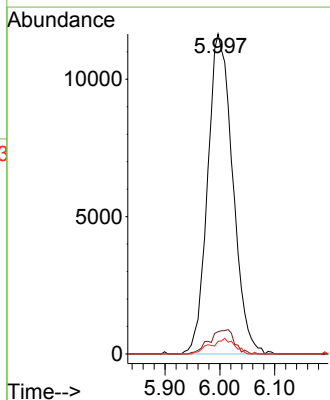
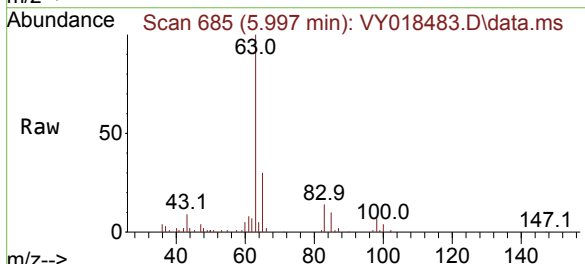
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

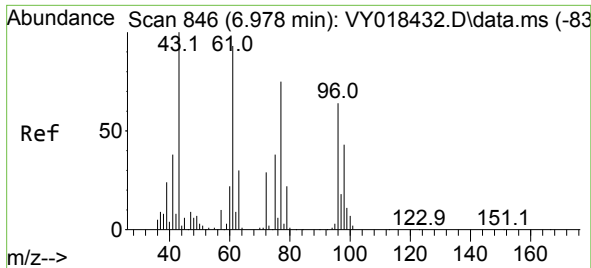
Tgt Ion: 43 Resp: 166944  
 Ion Ratio Lower Upper  
 43 100  
 86 10.3 10.6 16.0#



#24  
 1,1-Dichloroethane  
 Concen: 21.478 ug/l  
 RT: 5.997 min Scan# 685  
 Delta R.T. -0.006 min  
 Lab File: VY018483.D  
 Acq: 05 Jun 2024 14:33

Tgt Ion: 63 Resp: 36967  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 4.0 12.2  
 100 3.9 2.6 8.0

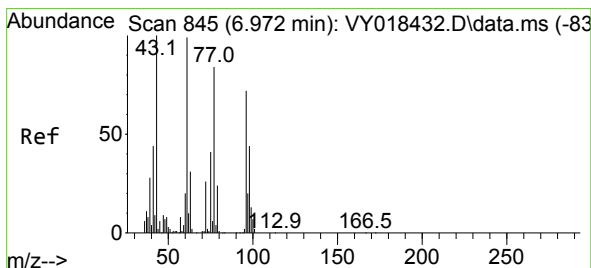
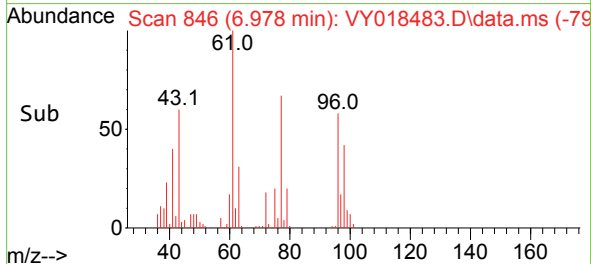
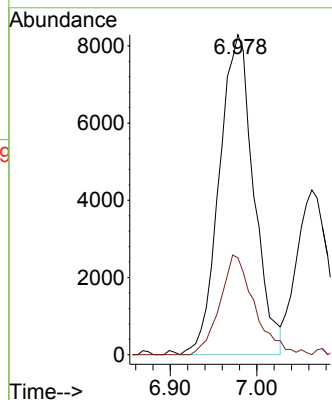
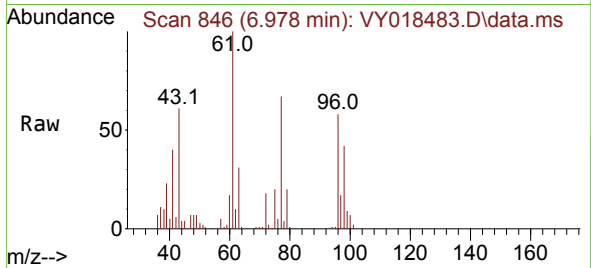




#25  
2-Butanone  
Concen: 78.027 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

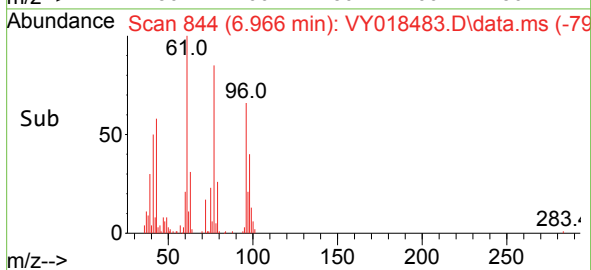
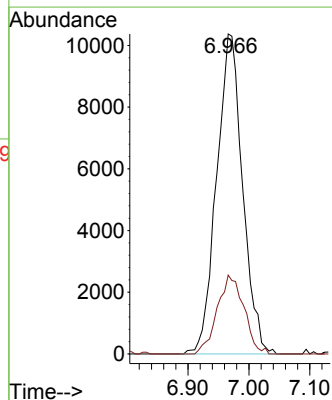
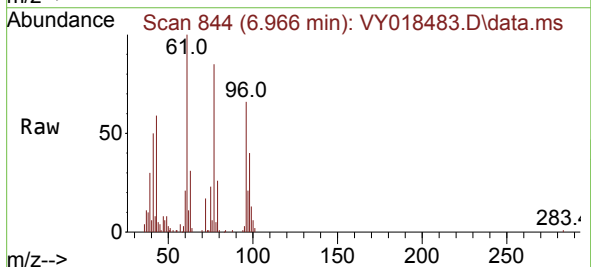
Instrument :  
MSVOA\_Y  
ClientSampleId :

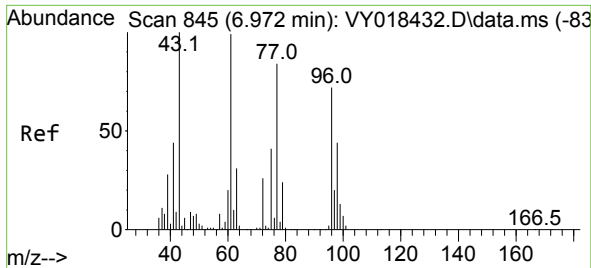
Tgt Ion: 43 Resp: 22978  
Ion Ratio Lower Upper  
43 100  
72 30.3 27.3 40.9



#26  
2,2-Dichloropropane  
Concen: 20.306 ug/l  
RT: 6.966 min Scan# 844  
Delta R.T. -0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 77 Resp: 30718  
Ion Ratio Lower Upper  
77 100  
97 25.2 12.0 36.1

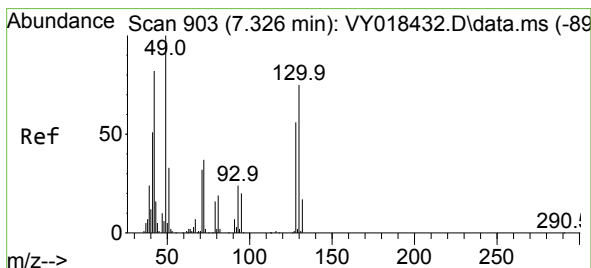
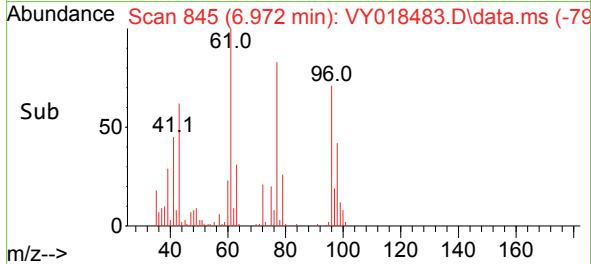
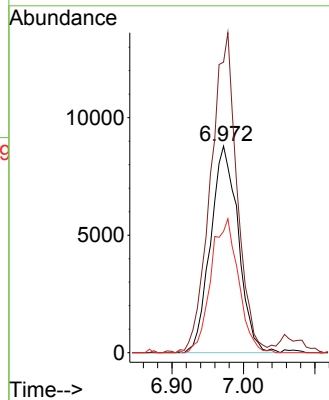
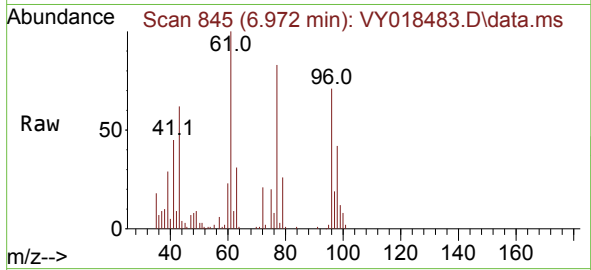




#27  
 cis-1,2-Dichloroethene  
 Concen: 20.589 ug/l  
 RT: 6.972 min Scan# 845  
 Delta R.T. 0.000 min  
 Lab File: VY018483.D  
 Acq: 05 Jun 2024 14:33

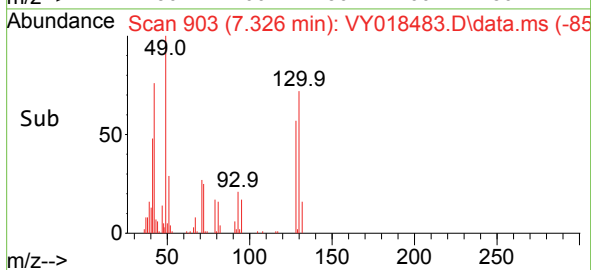
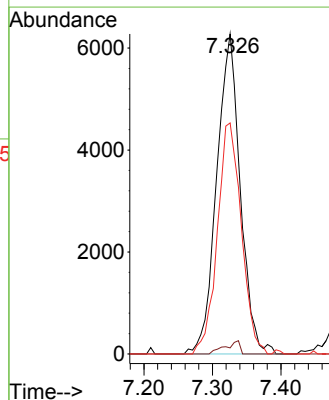
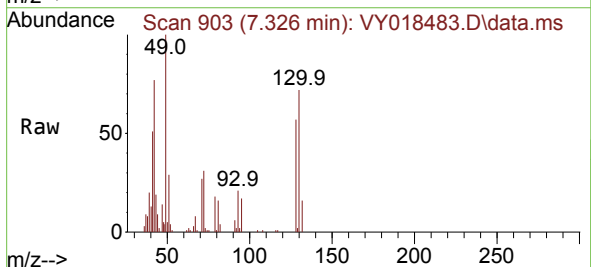
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

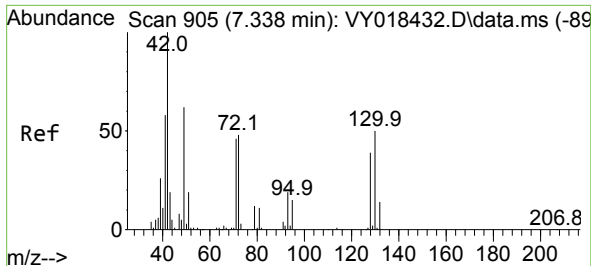
Tgt Ion: 96 Resp: 23646  
 Ion Ratio Lower Upper  
 96 100  
 61 148.2 0.0 256.2  
 98 64.5 0.0 130.0



#28  
 Bromochloromethane  
 Concen: 18.946 ug/l  
 RT: 7.326 min Scan# 903  
 Delta R.T. 0.000 min  
 Lab File: VY018483.D  
 Acq: 05 Jun 2024 14:33

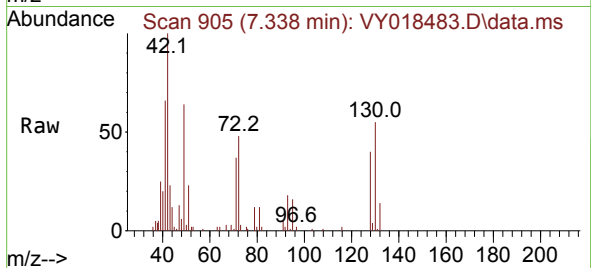
Tgt Ion: 49 Resp: 15006  
 Ion Ratio Lower Upper  
 49 100  
 129 2.6 0.0 4.6  
 130 73.4 72.7 109.1



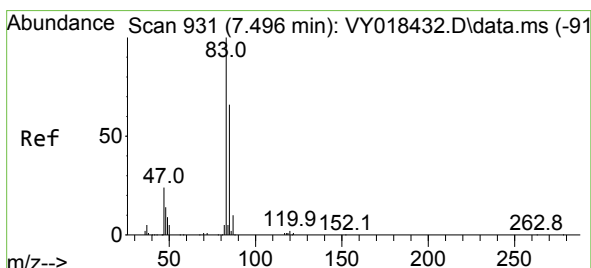
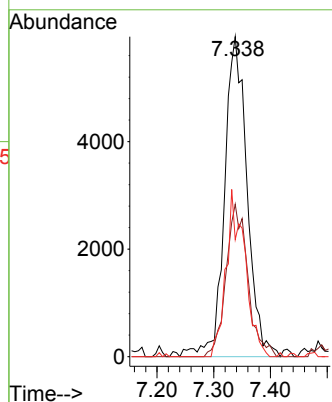
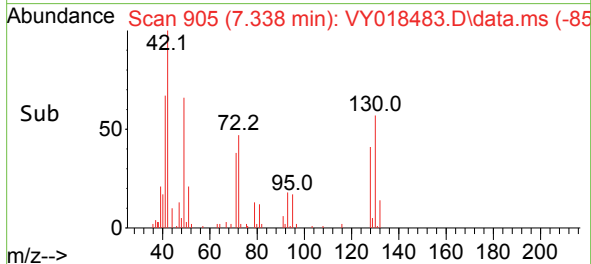


#29  
Tetrahydrofuran  
Concen: 85.924 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Instrument :  
MSVOA\_Y  
ClientSampleId :

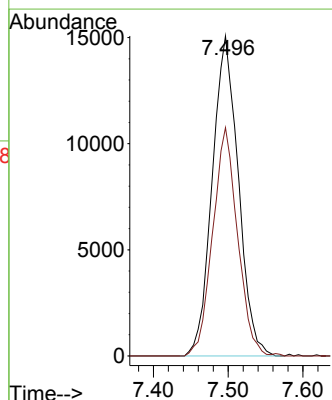
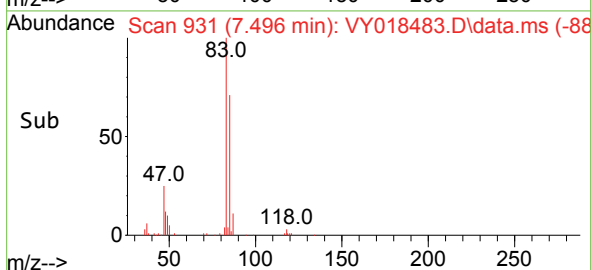
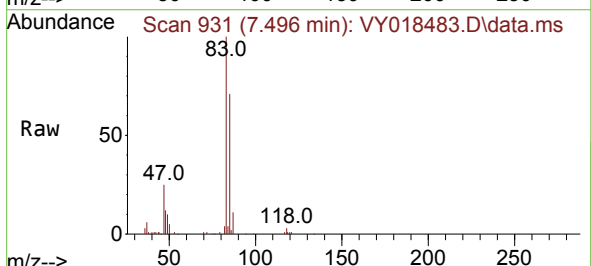


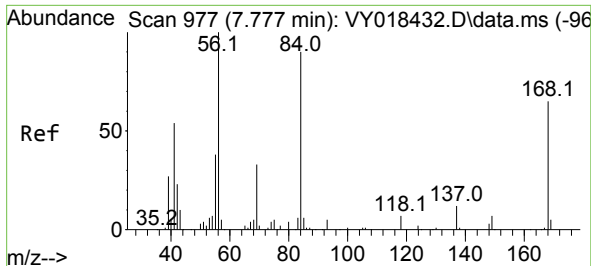
Tgt Ion: 42 Resp: 16433  
Ion Ratio Lower Upper  
42 100  
72 45.9 43.0 64.4  
71 43.4 40.8 61.2



#30  
Chloroform  
Concen: 21.202 ug/l  
RT: 7.496 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

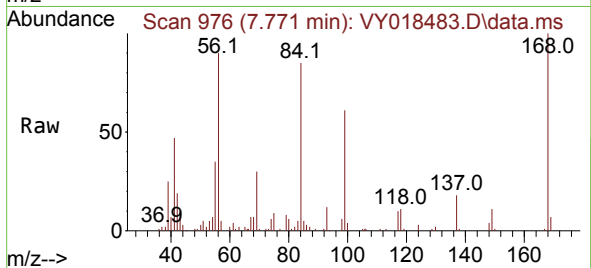
Tgt Ion: 83 Resp: 36601  
Ion Ratio Lower Upper  
83 100  
85 71.3 52.2 78.4



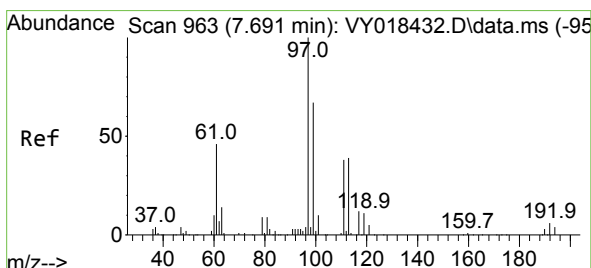
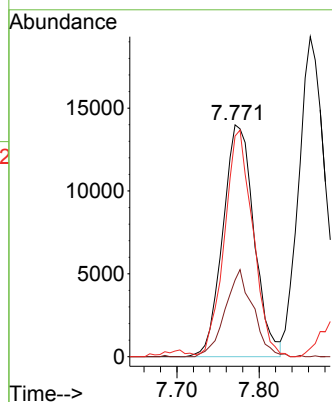
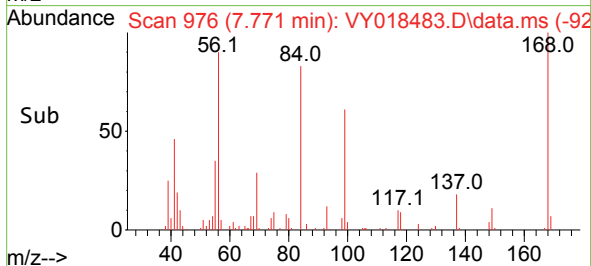


#31  
Cyclohexane  
Concen: 22.894 ug/l  
RT: 7.771 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Instrument :  
MSVOA\_Y  
ClientSampleId :

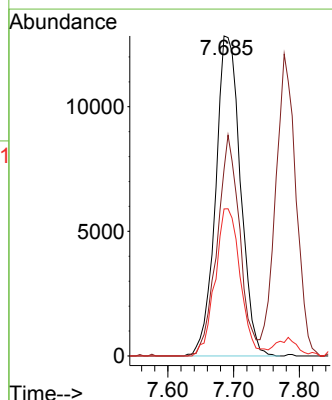
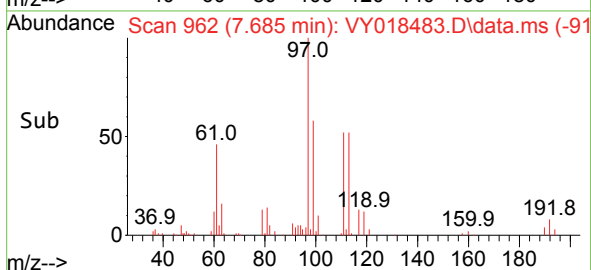
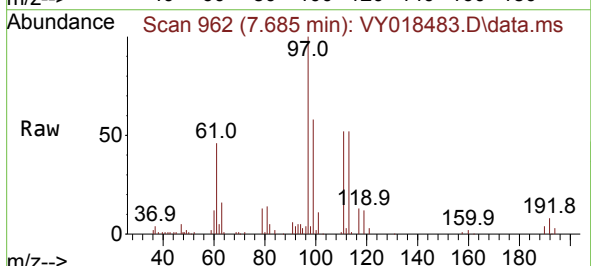


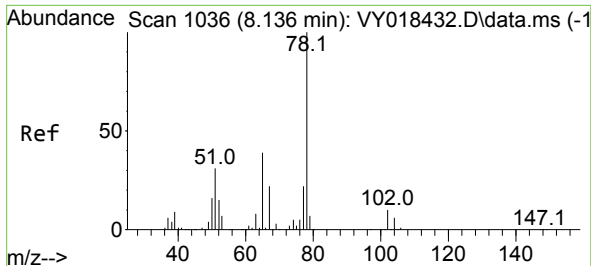
Tgt Ion: 56 Resp: 36970  
Ion Ratio Lower Upper  
56 100  
69 33.1 28.7 43.1  
84 93.8 77.7 116.5



#32  
1,1,1-Trichloroethane  
Concen: 22.330 ug/l  
RT: 7.685 min Scan# 962  
Delta R.T. -0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 97 Resp: 33762  
Ion Ratio Lower Upper  
97 100  
99 62.5 50.3 75.5  
61 46.8 32.6 48.8

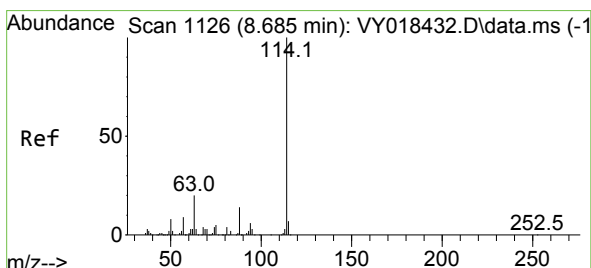
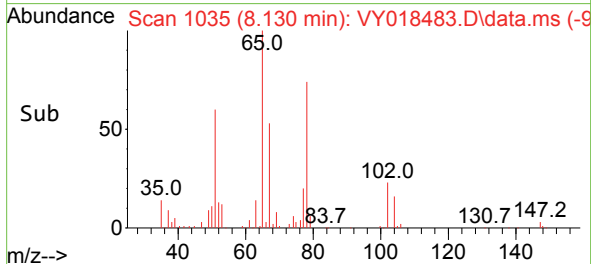
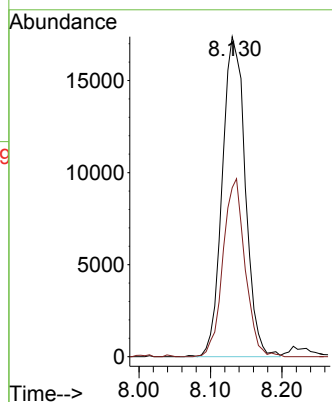
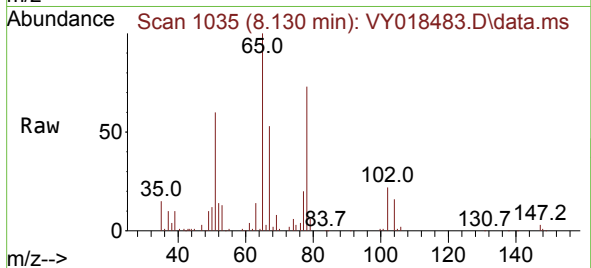




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.854 ug/l  
 RT: 8.130 min Scan# 1036  
 Delta R.T. -0.006 min  
 Lab File: VY018483.D  
 Acq: 05 Jun 2024 14:33

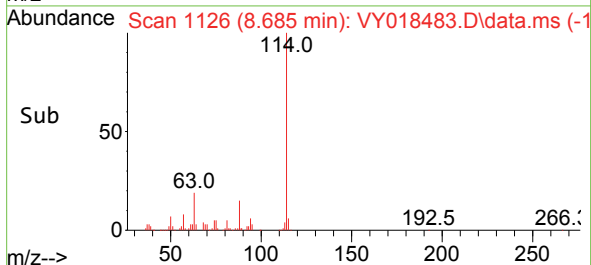
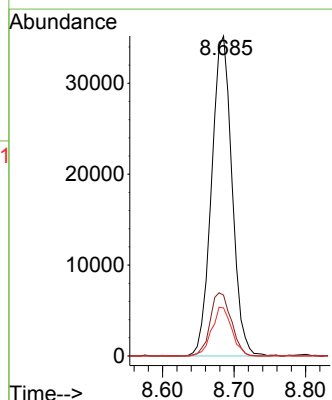
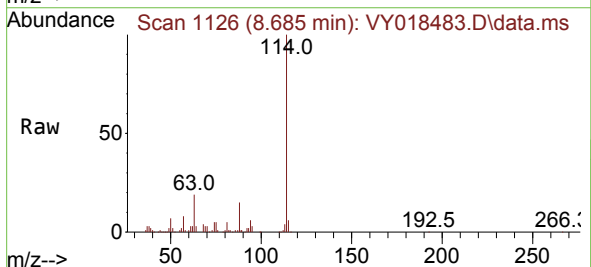
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

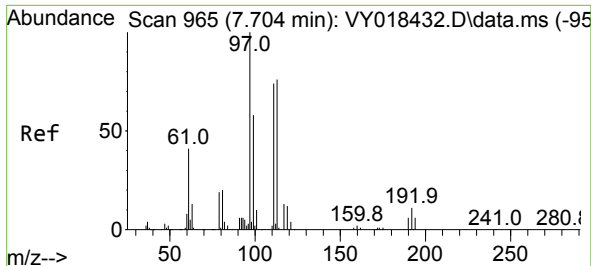
Tgt Ion: 65 Resp: 38848  
 Ion Ratio Lower Upper  
 65 100  
 67 53.3 0.0 109.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.685 min Scan# 1126  
 Delta R.T. 0.000 min  
 Lab File: VY018483.D  
 Acq: 05 Jun 2024 14:33

Tgt Ion:114 Resp: 69896  
 Ion Ratio Lower Upper  
 114 100  
 63 19.0 0.0 35.0  
 88 15.0 0.0 27.2

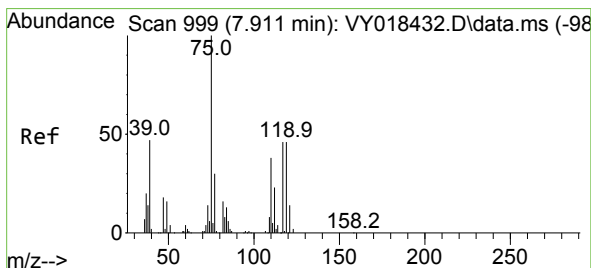
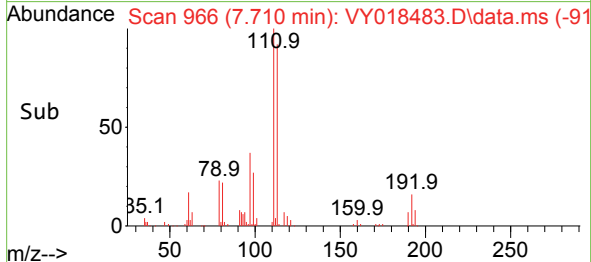
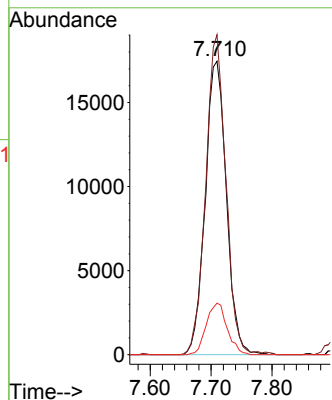
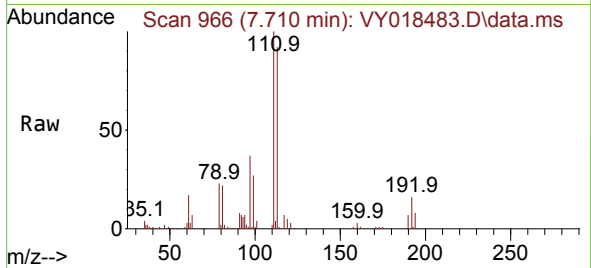




#35  
Dibromofluoromethane  
Concen: 47.504 ug/l  
RT: 7.710 min Scan# 910  
Delta R.T. 0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

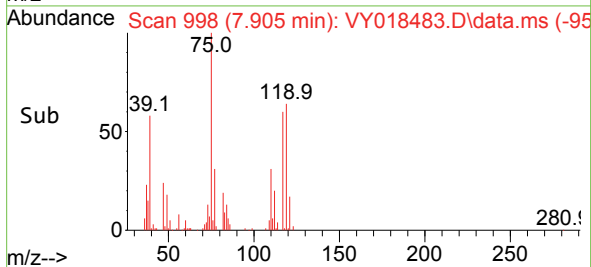
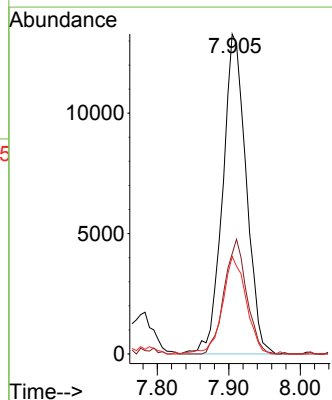
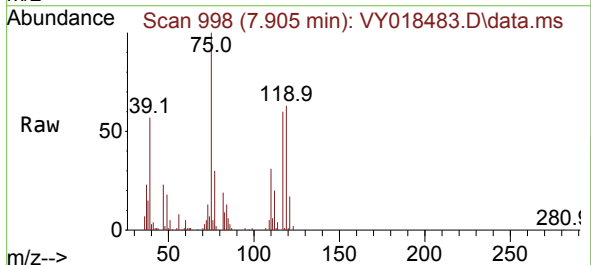
Instrument :  
MSVOA\_Y  
ClientSampleId :

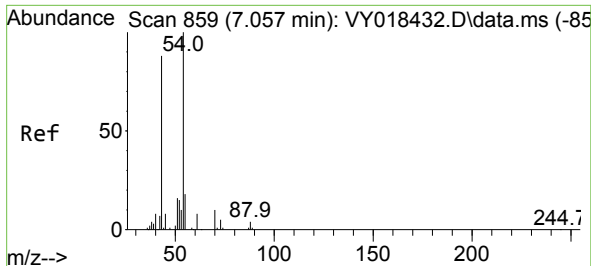
Tgt Ion:113 Resp: 42104  
Ion Ratio Lower Upper  
113 100  
111 104.2 82.2 123.4  
192 17.3 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 22.466 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 75 Resp: 30361  
Ion Ratio Lower Upper  
75 100  
110 34.1 19.0 57.0  
77 30.6 25.3 37.9

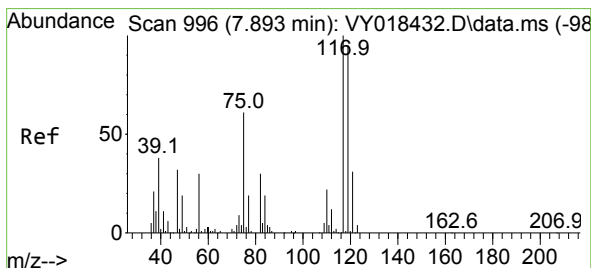
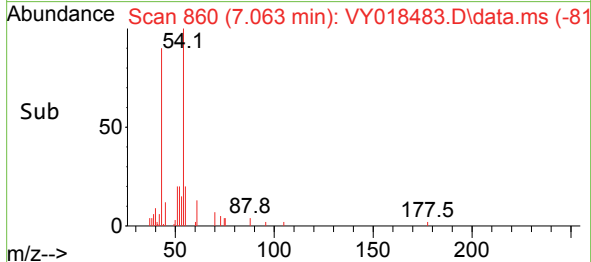
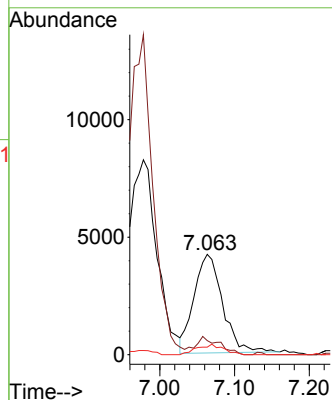
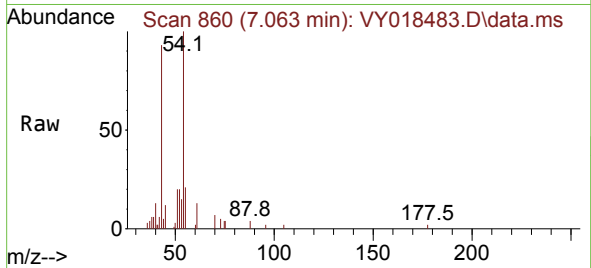




#37  
Ethyl Acetate  
Concen: 16.474 ug/l  
RT: 7.063 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

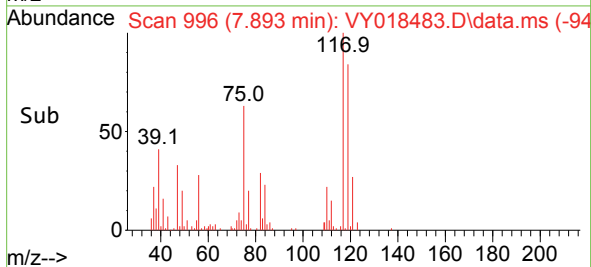
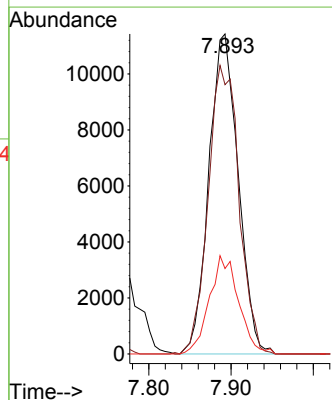
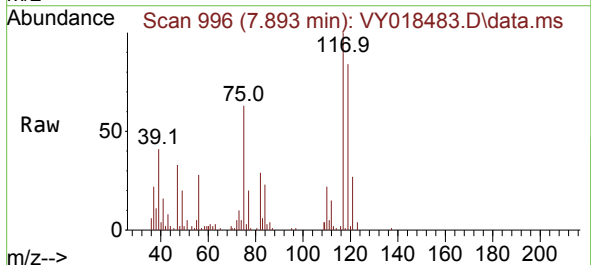
Instrument :  
MSVOA\_Y  
ClientSampleId :

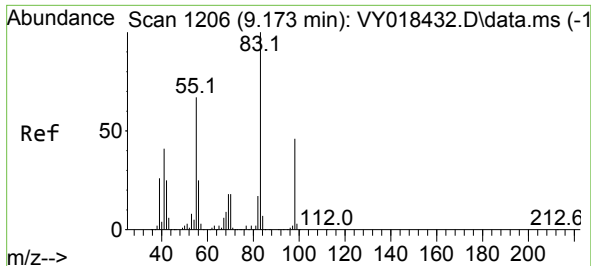
Tgt Ion: 43 Resp: 11122  
Ion Ratio Lower Upper  
43 100  
61 15.4 12.6 19.0  
70 9.8 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 20.931 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 117 Resp: 28346  
Ion Ratio Lower Upper  
117 100  
119 84.1 75.8 113.6  
121 26.7 24.0 36.0





#39

Methylcyclohexane

Concen: 20.870 ug/l

RT: 9.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

Instrument :

MSVOA\_Y

ClientSampleId :

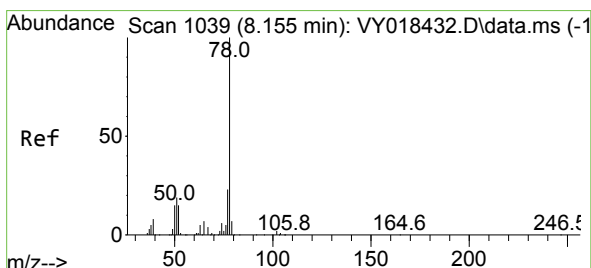
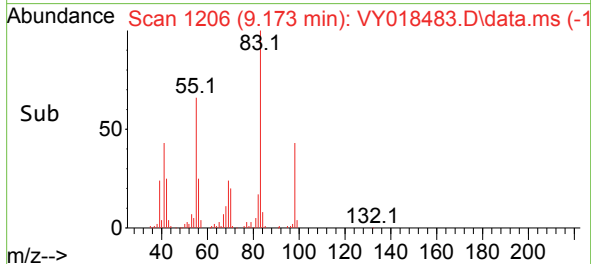
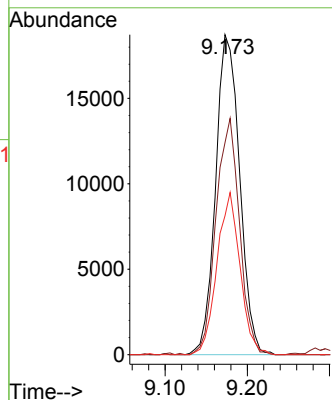
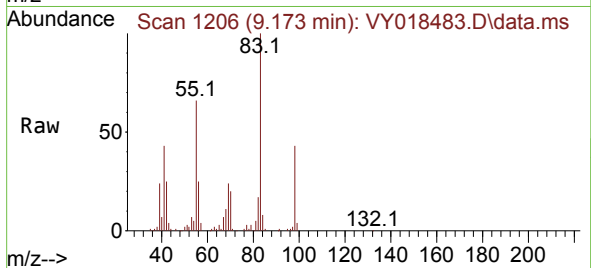
Tgt Ion: 83 Resp: 38128

Ion Ratio Lower Upper

83 100

55 66.2 51.5 77.3

98 43.4 40.5 60.7



#40

Benzene

Concen: 21.674 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY018483.D

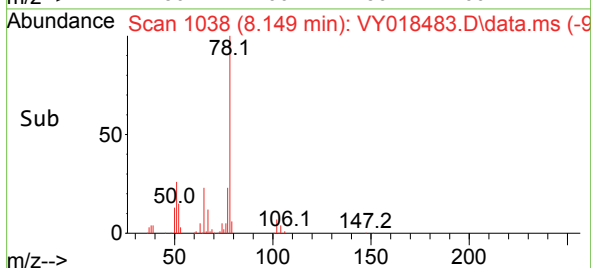
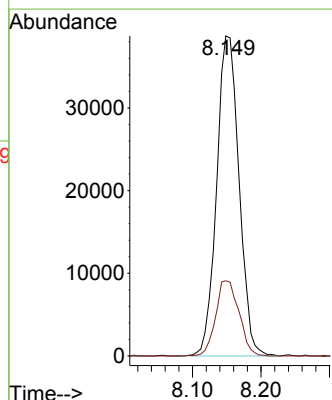
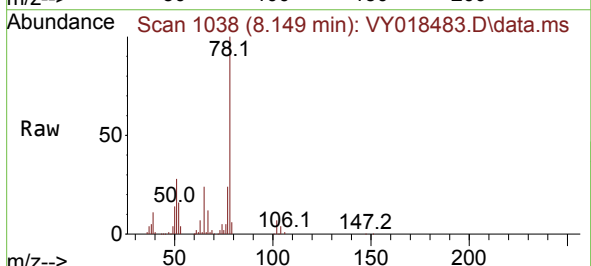
Acq: 05 Jun 2024 14:33

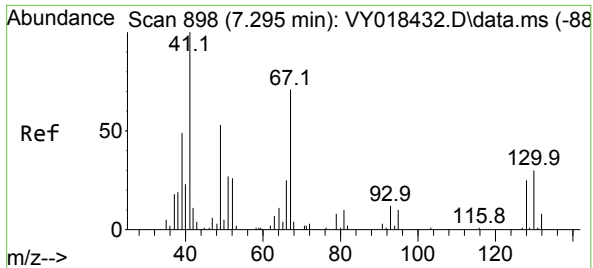
Tgt Ion: 78 Resp: 87764

Ion Ratio Lower Upper

78 100

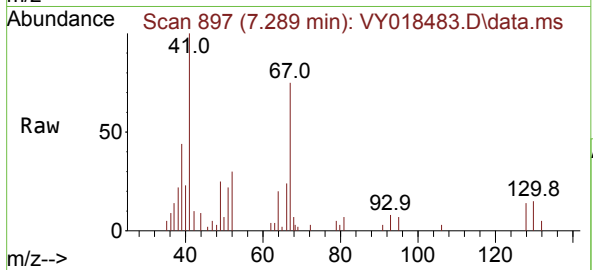
77 23.5 19.5 29.3



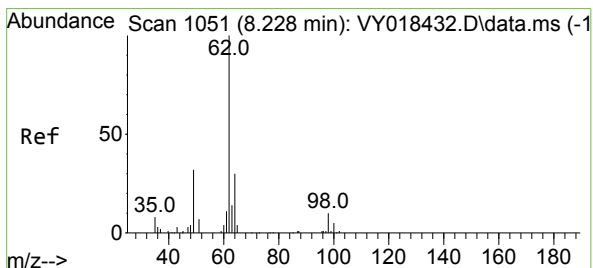
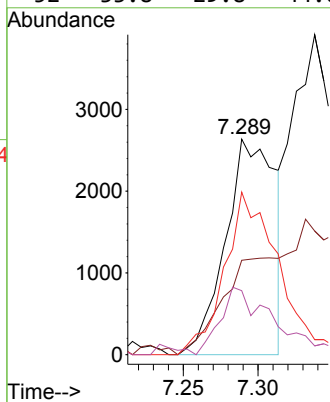
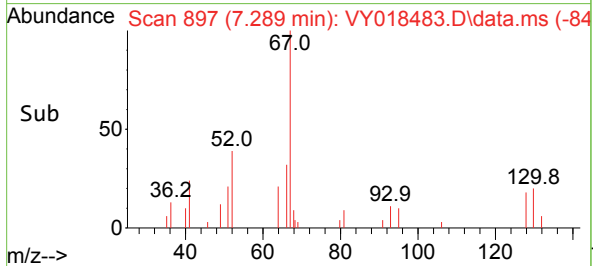


#41  
Methacrylonitrile  
Concen: 18.548 ug/l  
RT: 7.289 min Scan# 897  
Delta R.T. -0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Instrument :  
MSVOA\_Y  
ClientSampleId :

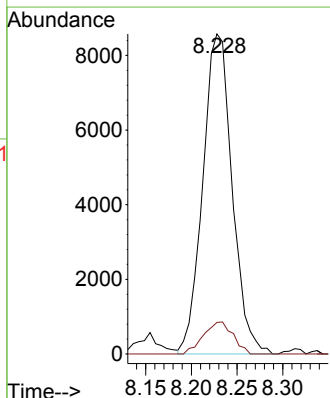
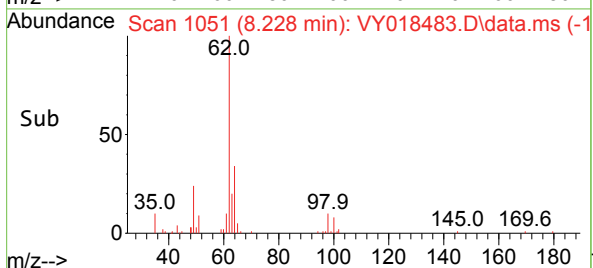
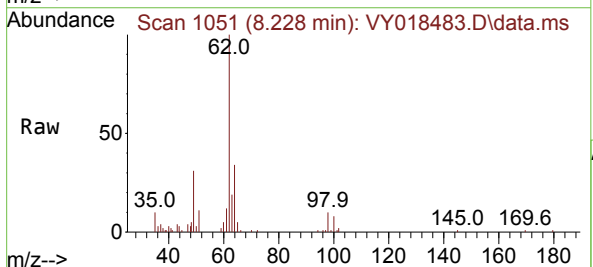


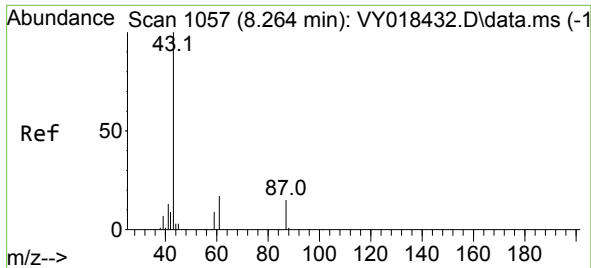
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 6091  |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 0.0      | 48.0 72.0#  |
| 67 82.4     | 75.1 112.7  |
| 52 33.8     | 29.8 44.6   |



#42  
1,2-Dichloroethane  
Concen: 19.444 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

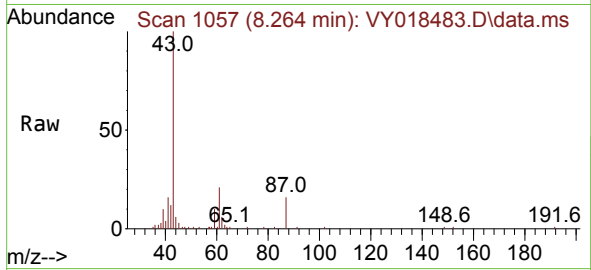
|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 19142 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 10.1     | 0.0 22.0    |





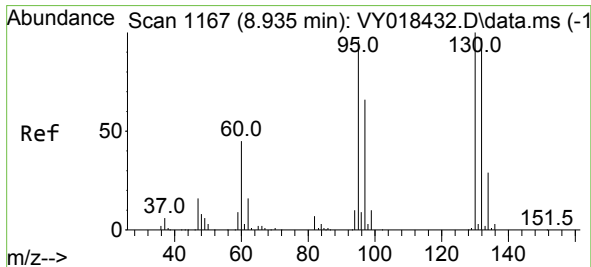
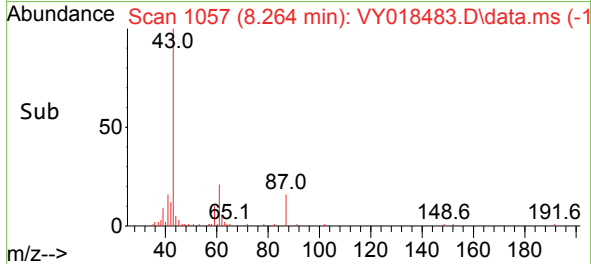
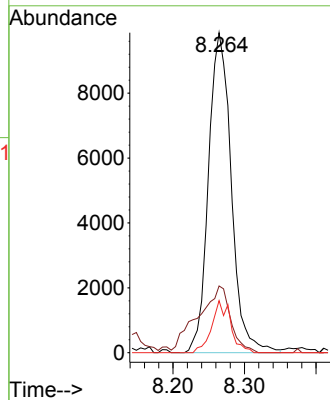
#43  
Isopropyl Acetate  
Concen: 17.322 ug/l  
RT: 8.264 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion: 43 Resp: 21867

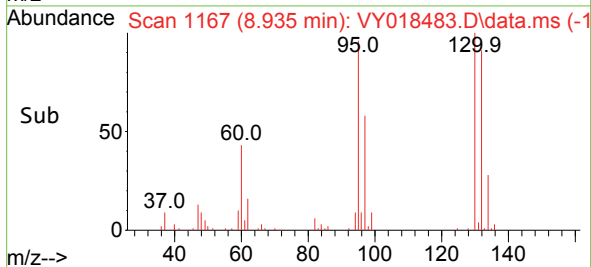
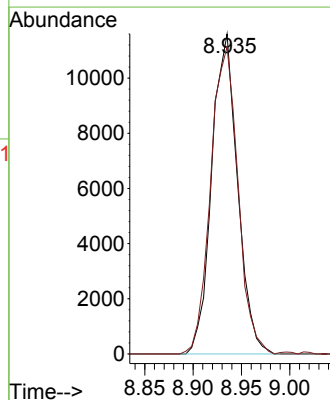
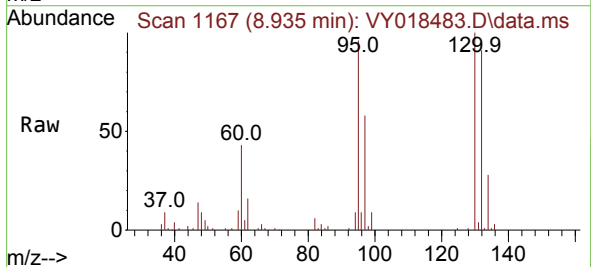
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 30.4  | 27.9  | 41.9  |
| 87  | 13.6  | 13.1  | 19.7  |

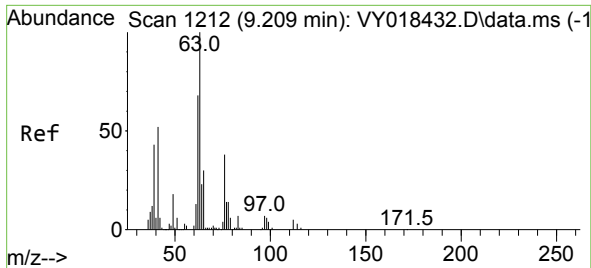


#44  
Trichloroethene  
Concen: 21.437 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 130 Resp: 21511

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 96.0  | 0.0   | 188.0 |

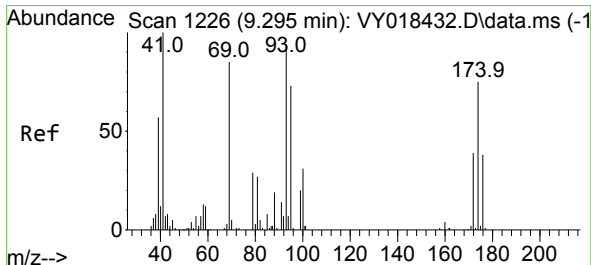
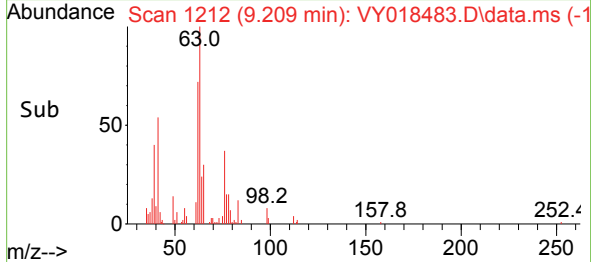
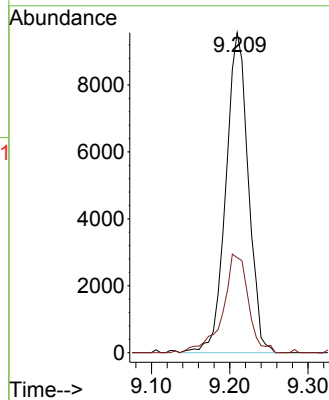
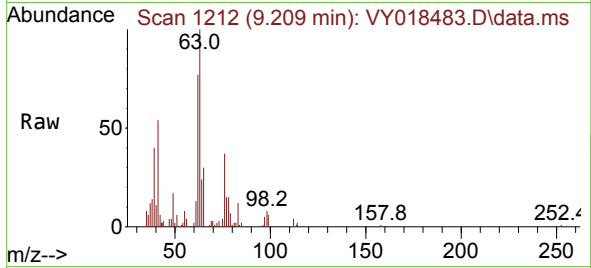




#45  
1,2-Dichloropropane  
Concen: 20.558 ug/l  
RT: 9.209 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

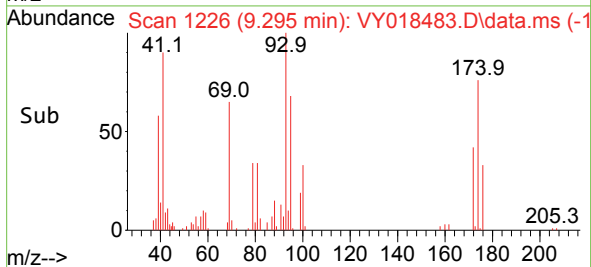
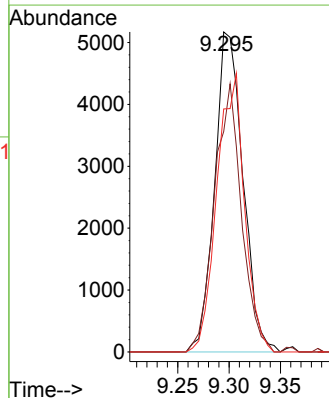
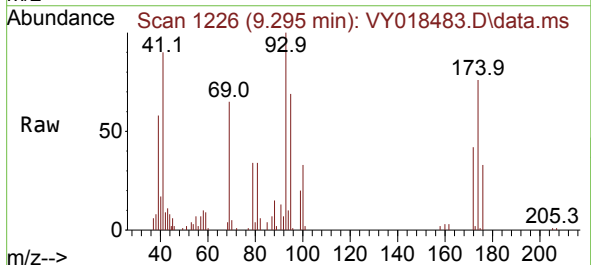
Instrument :  
MSVOA\_Y  
ClientSampleId :

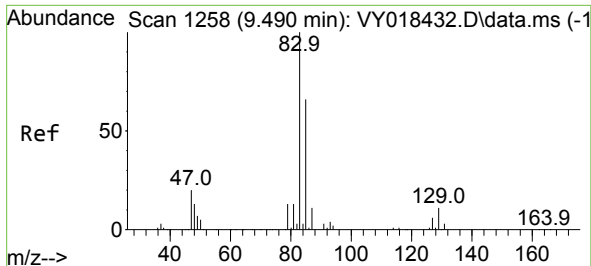
Tgt Ion: 63 Resp: 19038  
Ion Ratio Lower Upper  
63 100  
65 29.7 25.4 38.2



#46  
Dibromomethane  
Concen: 18.631 ug/l  
RT: 9.295 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

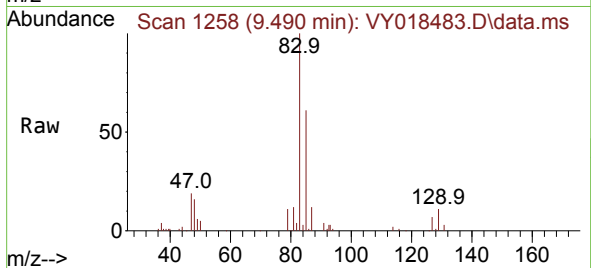
Tgt Ion: 93 Resp: 9892  
Ion Ratio Lower Upper  
93 100  
95 80.3 66.2 99.4  
174 84.8 80.9 121.3



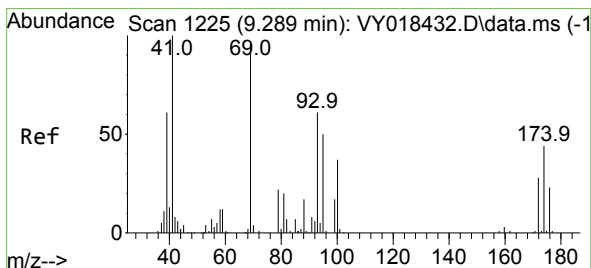
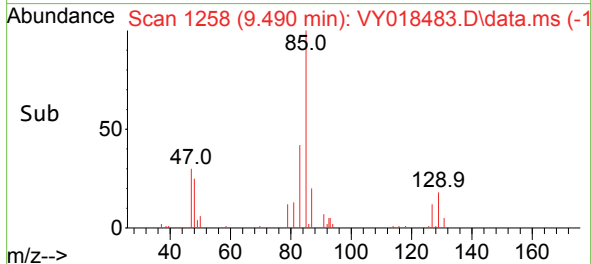
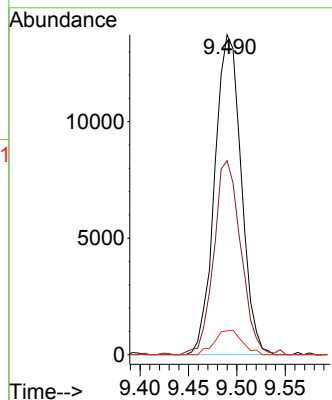


#47  
Bromodichloromethane  
Concen: 20.568 ug/l  
RT: 9.490 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Instrument :  
MSVOA\_Y  
ClientSampleId :

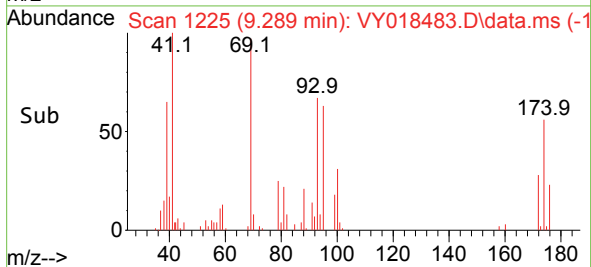
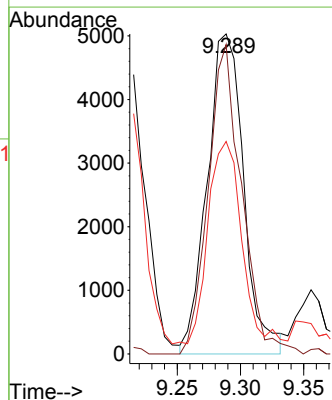
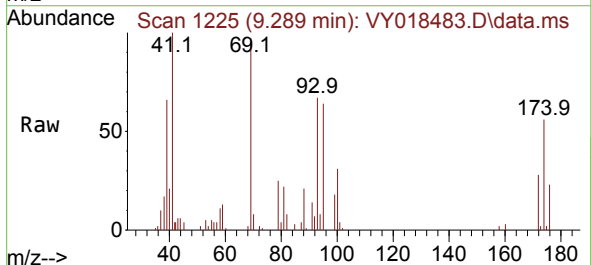


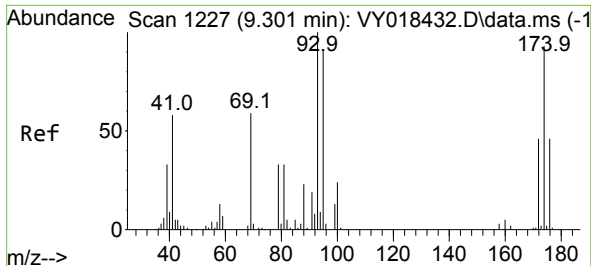
Tgt Ion: 83 Resp: 26214  
Ion Ratio Lower Upper  
83 100  
85 60.6 50.1 75.1  
127 7.5 7.4 11.0



#48  
Methyl methacrylate  
Concen: 17.383 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

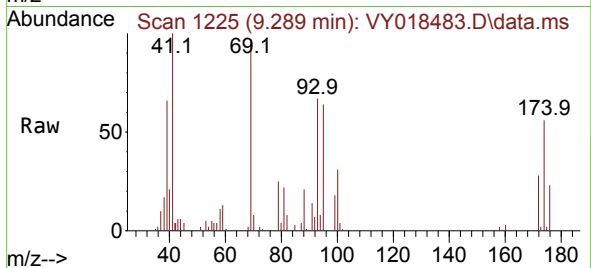
Tgt Ion: 41 Resp: 10096  
Ion Ratio Lower Upper  
41 100  
69 88.3 84.1 126.1  
39 58.5 43.6 65.4



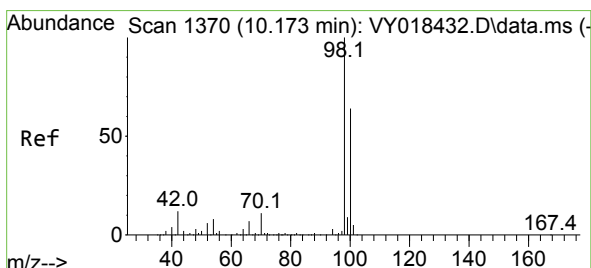
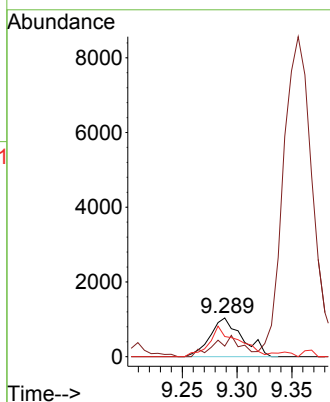
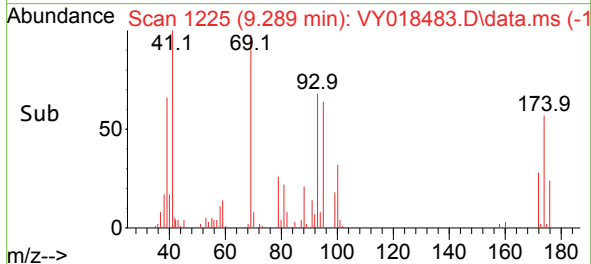


#49  
1,4-Dioxane  
Concen: 303.344 ug/l  
RT: 9.289 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Instrument :  
MSVOA\_Y  
ClientSampleId :

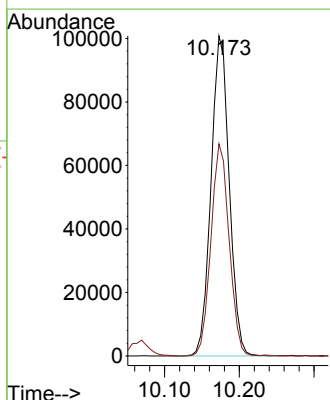
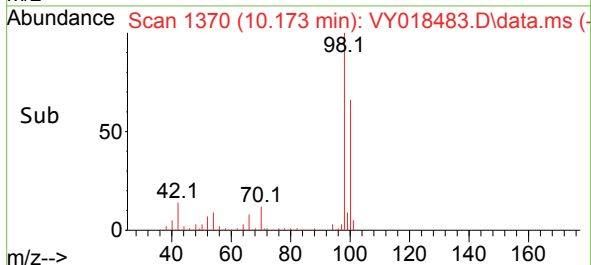
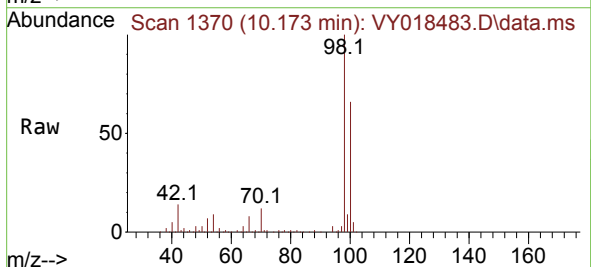


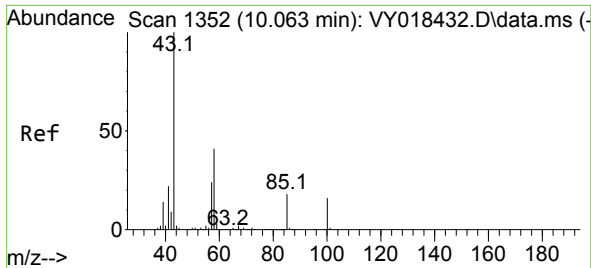
Tgt Ion: 88 Resp: 2115  
Ion Ratio Lower Upper  
88 100  
43 44.3 0.0 0.0#  
58 70.3 49.3 73.9



#50  
Toluene-d8  
Concen: 48.318 ug/l  
RT: 10.173 min Scan# 1370  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 98 Resp: 170371  
Ion Ratio Lower Upper  
98 100  
100 66.1 52.0 78.0

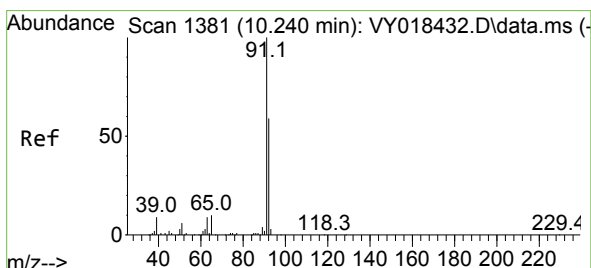
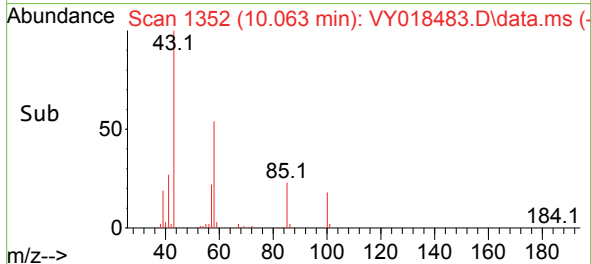
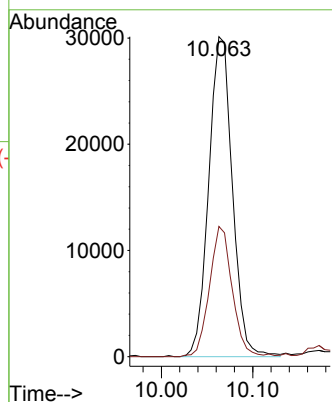
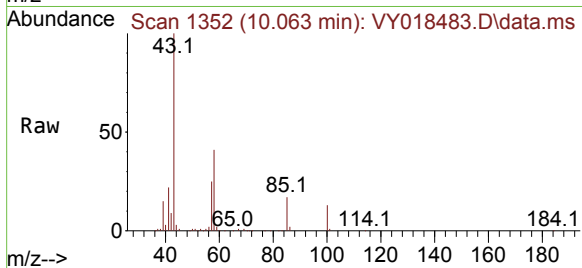




#51  
4-Methyl-2-Pentanone  
Concen: 82.550 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

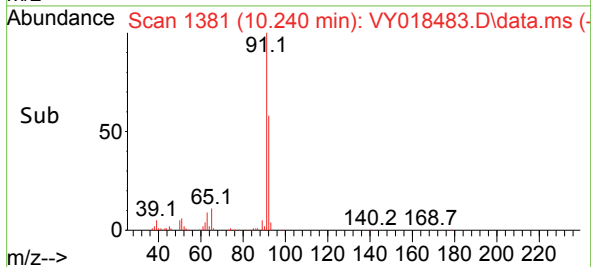
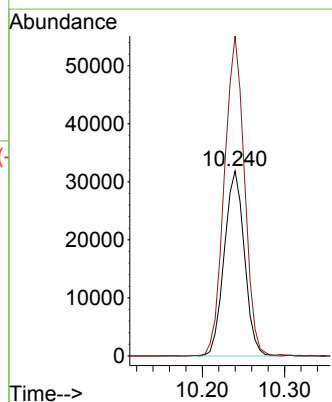
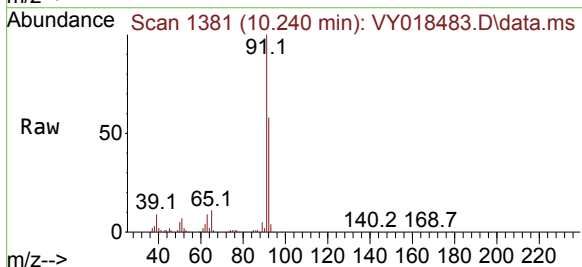
Instrument :  
MSVOA\_Y  
ClientSampleId :

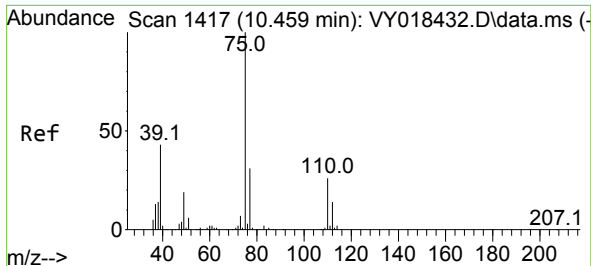
Tgt Ion: 43 Resp: 54112  
Ion Ratio Lower Upper  
43 100  
58 39.2 35.7 53.5



#52  
Toluene  
Concen: 21.783 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 92 Resp: 54252  
Ion Ratio Lower Upper  
92 100  
91 172.6 139.0 208.6

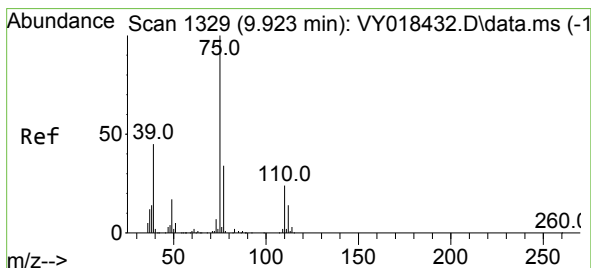
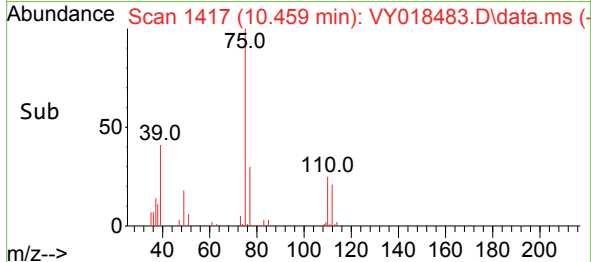
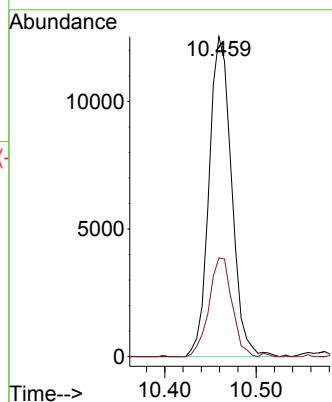
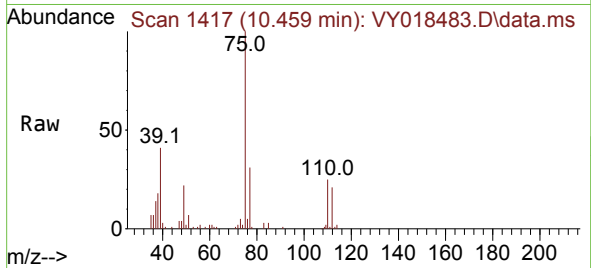




#53  
t-1,3-Dichloropropene  
Concen: 18.318 ug/l  
RT: 10.459 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

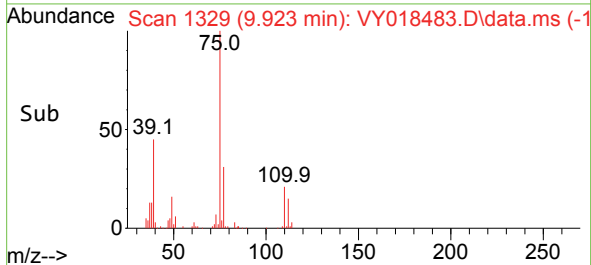
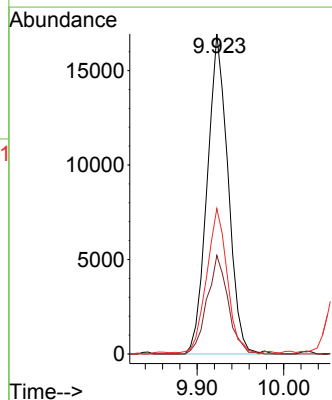
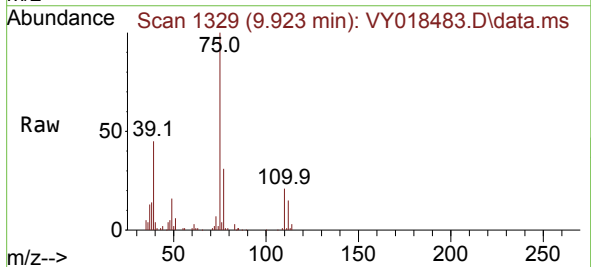
Instrument :  
MSVOA\_Y  
ClientSampleId :

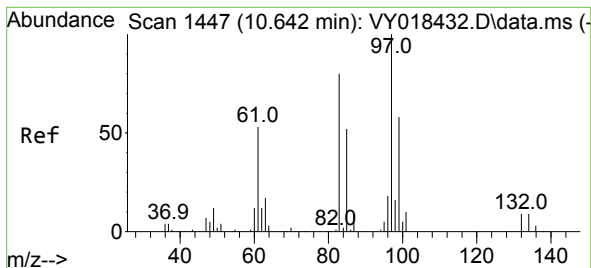
Tgt Ion: 75 Resp: 21439  
Ion Ratio Lower Upper  
75 100  
77 30.9 24.1 36.1



#54  
cis-1,3-Dichloropropene  
Concen: 19.638 ug/l  
RT: 9.923 min Scan# 1329  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 75 Resp: 28300  
Ion Ratio Lower Upper  
75 100  
77 30.8 25.4 38.0  
39 45.1 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 18.830 ug/l

RT: 10.636 min Scan# 1446

Delta R.T. -0.006 min

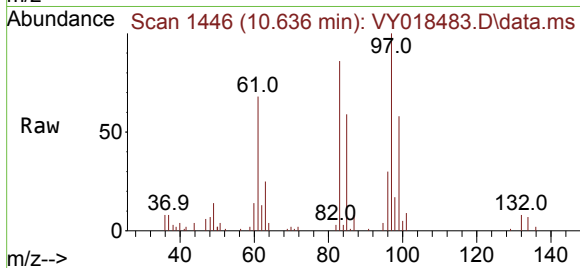
Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

Instrument :

MSVOA\_Y

ClientSampleId :



Tgt Ion: 97 Resp: 13007

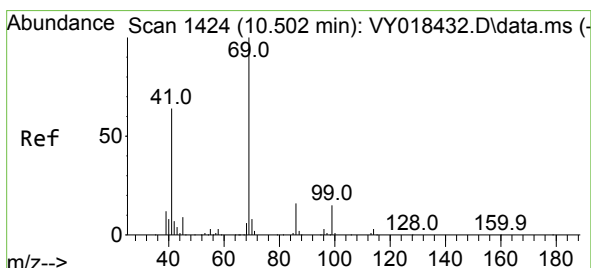
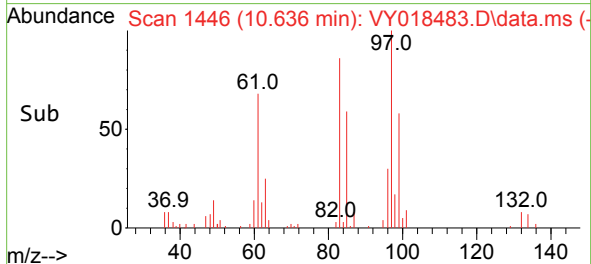
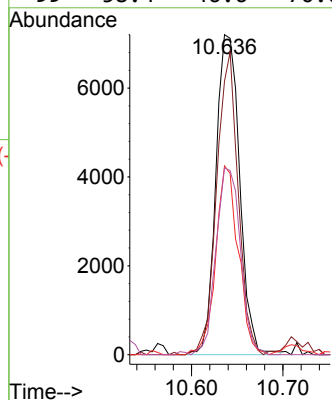
Ion Ratio Lower Upper

97 100

83 85.5 67.5 101.3

85 59.0 42.9 64.3

99 58.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 17.999 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

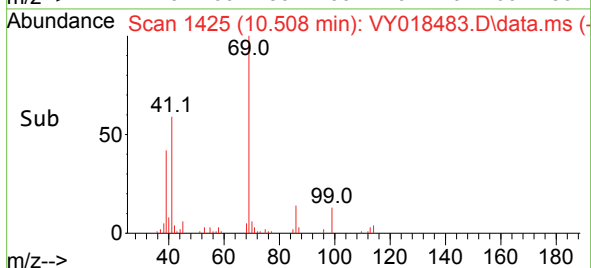
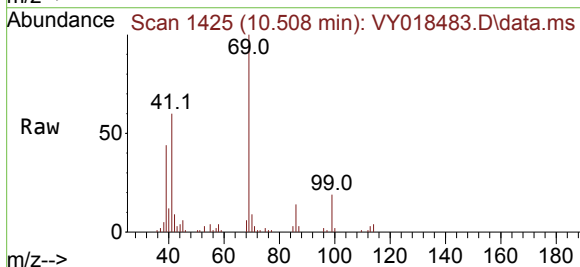
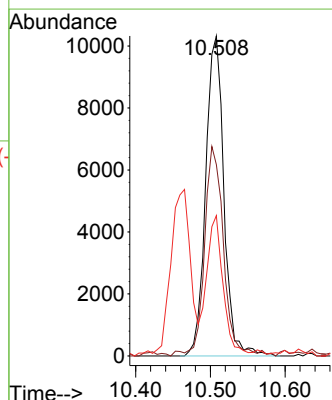
Tgt Ion: 69 Resp: 17496

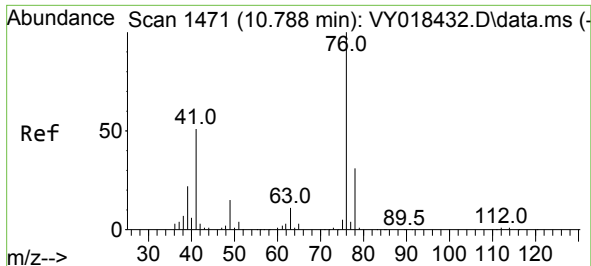
Ion Ratio Lower Upper

69 100

41 67.9 42.3 63.5#

39 37.6 22.9 34.3#

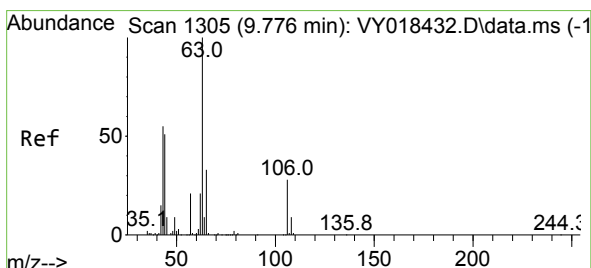
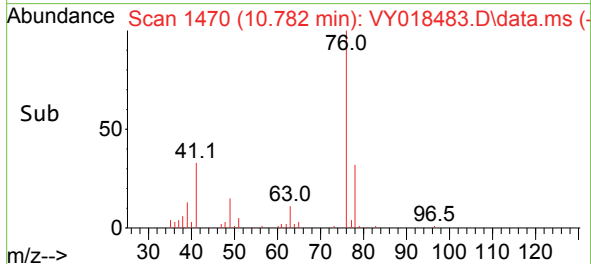
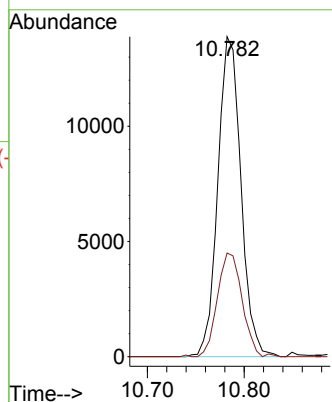
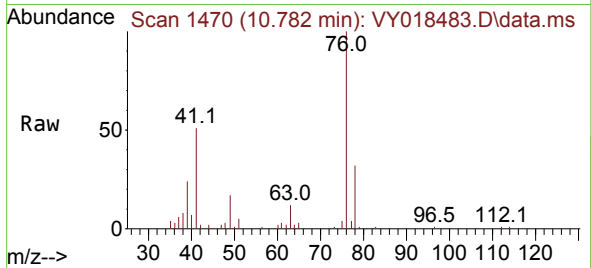




#57  
1,3-Dichloropropane  
Concen: 19.621 ug/l  
RT: 10.782 min Scan# 1470  
Delta R.T. -0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

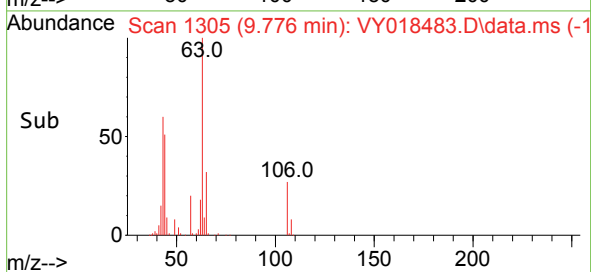
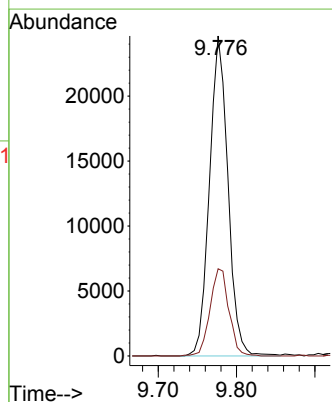
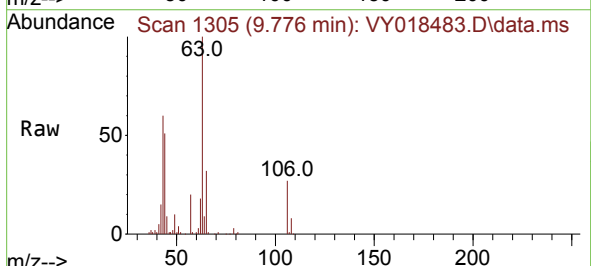
Instrument :  
MSVOA\_Y  
ClientSampleId :

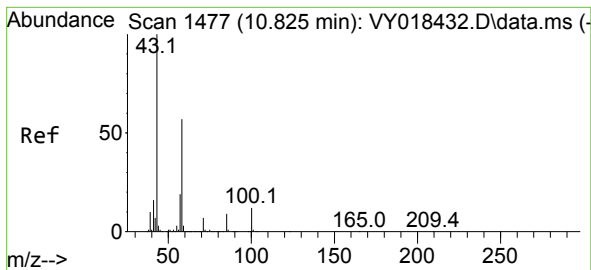
Tgt Ion: 76 Resp: 23009  
Ion Ratio Lower Upper  
76 100  
78 34.8 26.2 39.4



#58  
2-Chloroethyl Vinyl ether  
Concen: 77.312 ug/l  
RT: 9.776 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 63 Resp: 40356  
Ion Ratio Lower Upper  
63 100  
106 27.8 23.7 35.5

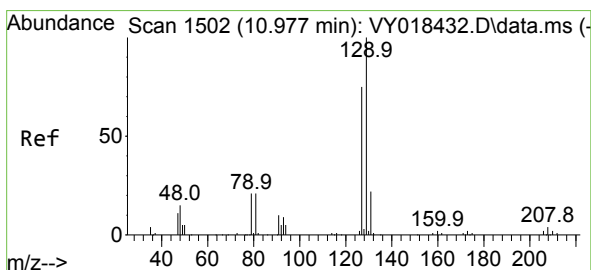
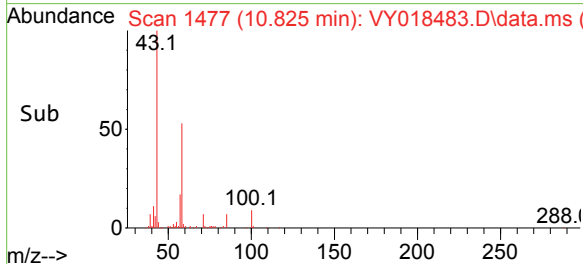
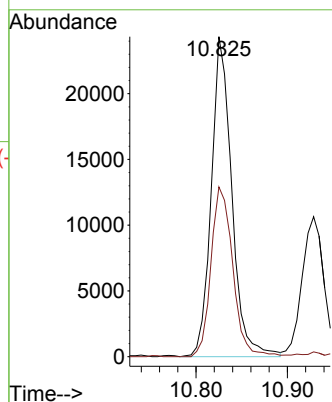
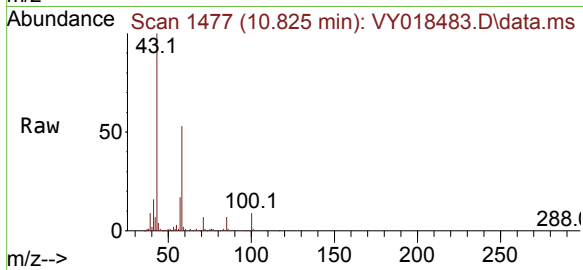




#59  
2-Hexanone  
Concen: 83.677 ug/l  
RT: 10.825 min Scan# 1477  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

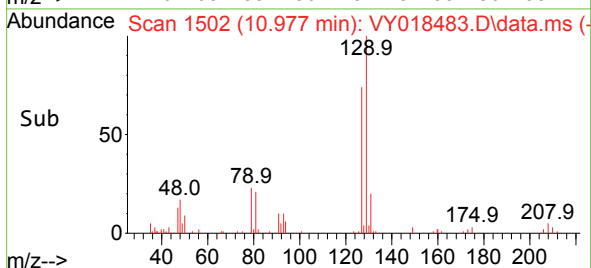
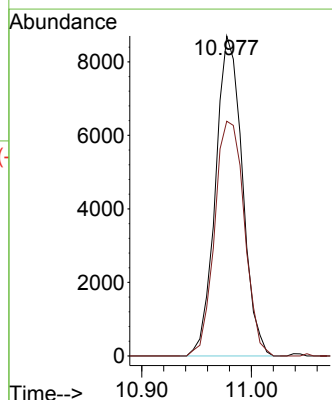
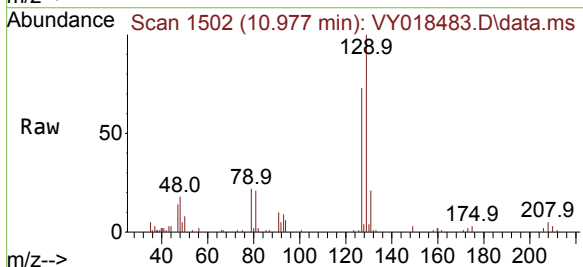
Instrument :  
MSVOA\_Y  
ClientSampleId :

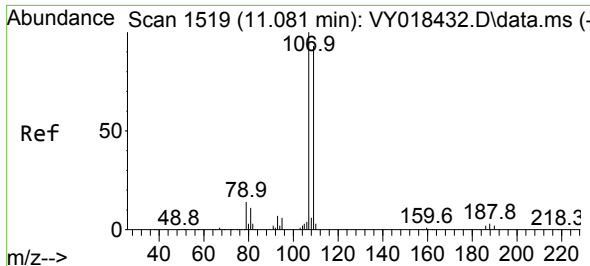
Tgt Ion: 43 Resp: 37904  
Ion Ratio Lower Upper  
43 100  
58 56.5 31.4 94.0



#60  
Dibromochloromethane  
Concen: 17.502 ug/l  
RT: 10.977 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion:129 Resp: 14770  
Ion Ratio Lower Upper  
129 100  
127 81.2 39.0 117.0

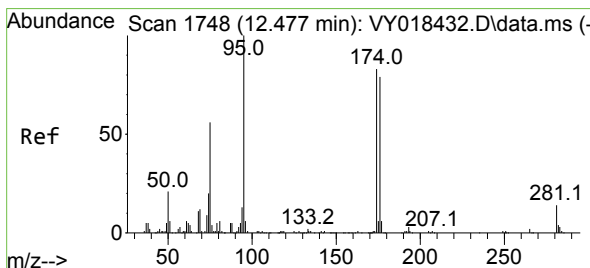
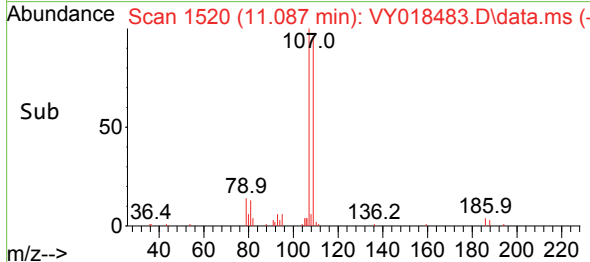
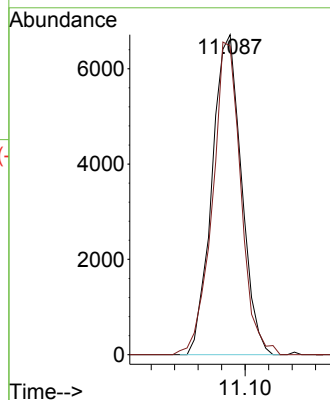
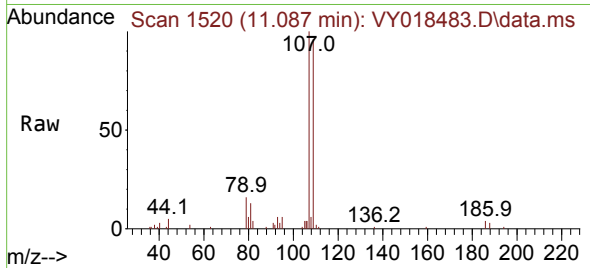




#61  
1,2-Dibromoethane  
Concen: 17.944 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

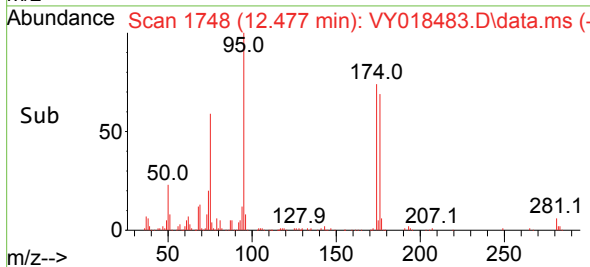
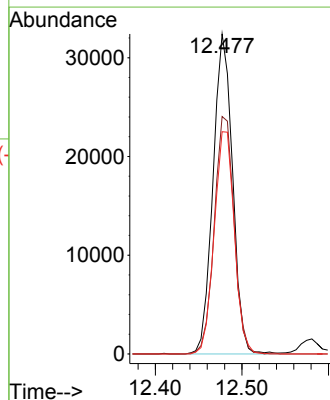
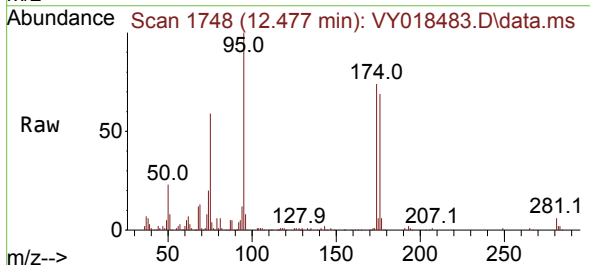
Instrument :  
MSVOA\_Y  
ClientSampleId :

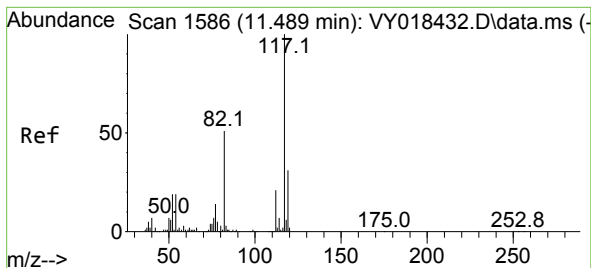
Tgt Ion:107 Resp: 11672  
Ion Ratio Lower Upper  
107 100  
109 94.3 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 46.218 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 95 Resp: 50740  
Ion Ratio Lower Upper  
95 100  
174 75.4 0.0 175.6  
176 71.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018483.D

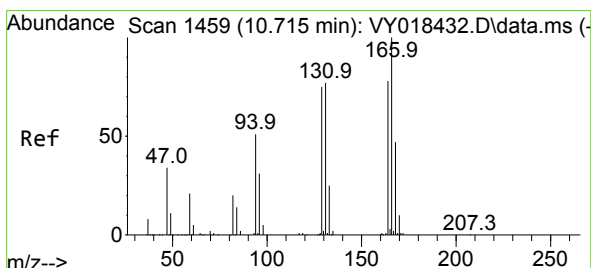
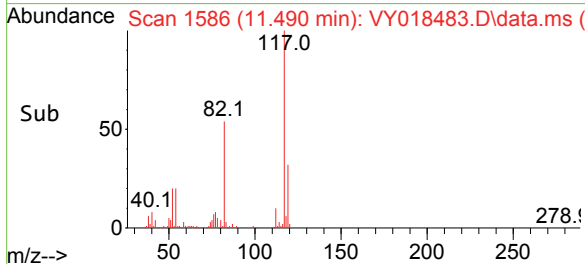
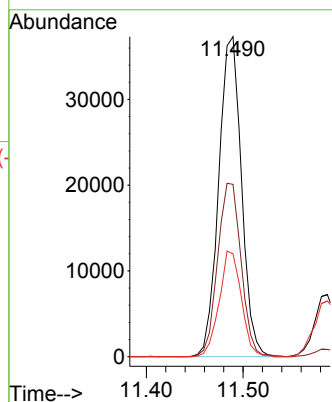
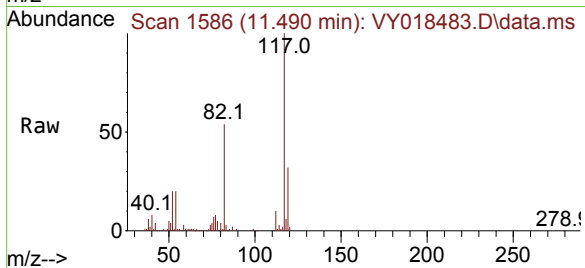
Acq: 05 Jun 2024 14:33

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:117 | Resp: | 60908     |
| Ion Ratio   | Lower | Upper     |
| 117         | 100   |           |
| 82          | 53.8  | 42.4 63.6 |
| 119         | 32.1  | 25.9 38.9 |



#64

Tetrachloroethene

Concen: 21.407 ug/l

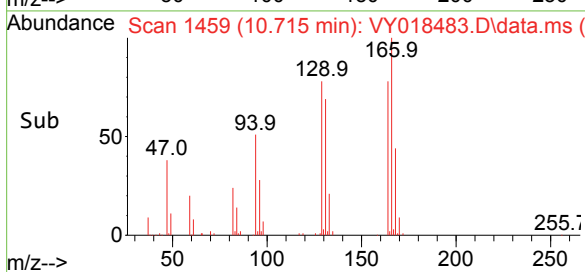
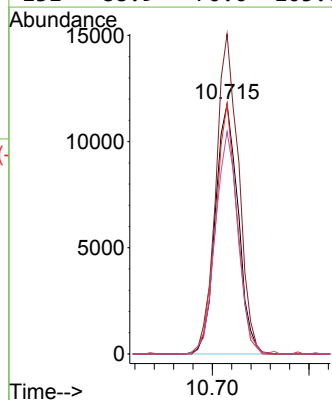
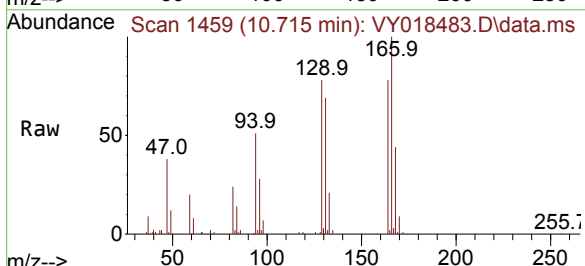
RT: 10.715 min Scan# 1459

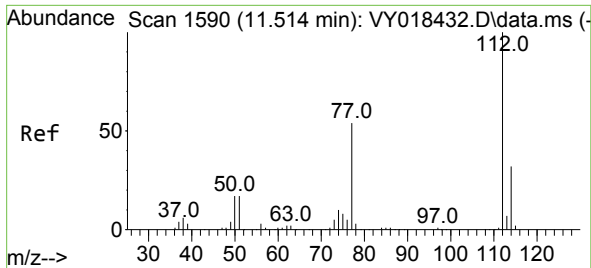
Delta R.T. 0.000 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 19206       |
| Ion Ratio   | Lower | Upper       |
| 164         | 100   |             |
| 166         | 127.9 | 102.6 154.0 |
| 129         | 100.1 | 72.0 108.0  |
| 131         | 88.9  | 70.0 105.0  |

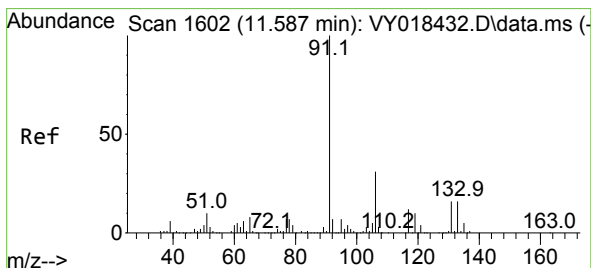
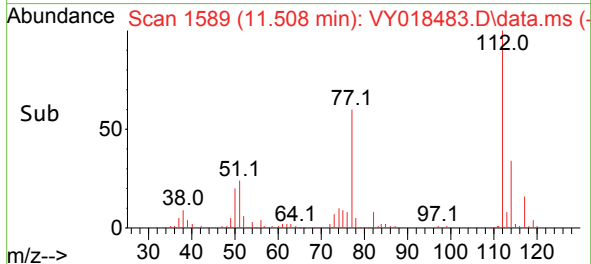
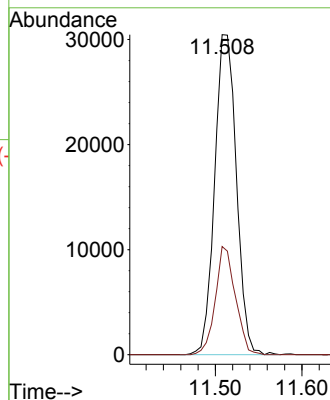
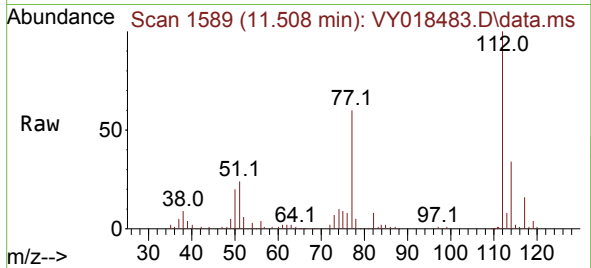




#65  
Chlorobenzene  
Concen: 20.326 ug/l  
RT: 11.508 min Scan# 1589  
Delta R.T. -0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

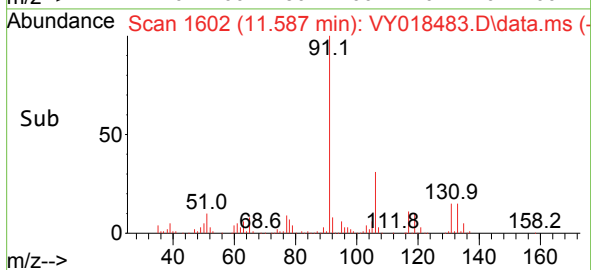
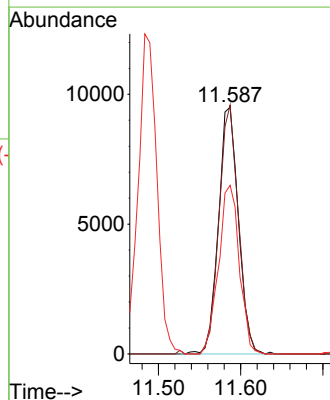
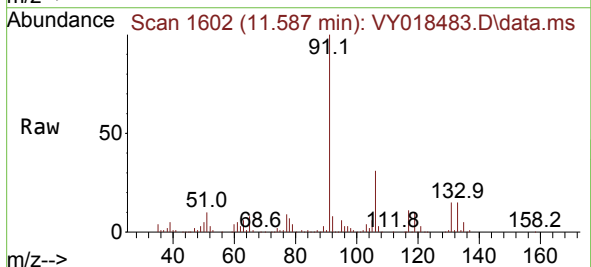
Instrument :  
MSVOA\_Y  
ClientSampleId :

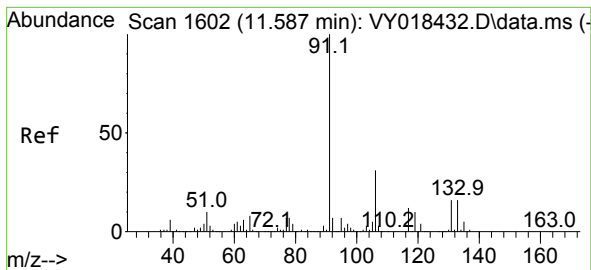
Tgt Ion:112 Resp: 53091  
Ion Ratio Lower Upper  
112 100  
114 33.8 26.4 39.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.973 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion:131 Resp: 16024  
Ion Ratio Lower Upper  
131 100  
133 97.6 47.8 143.3  
119 71.0 34.1 102.2

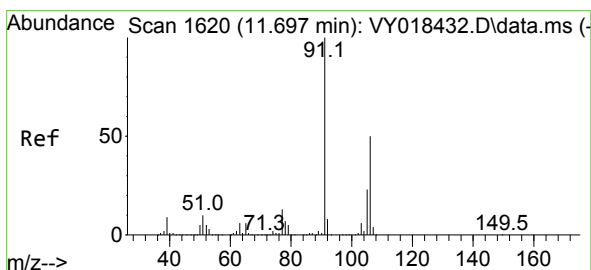
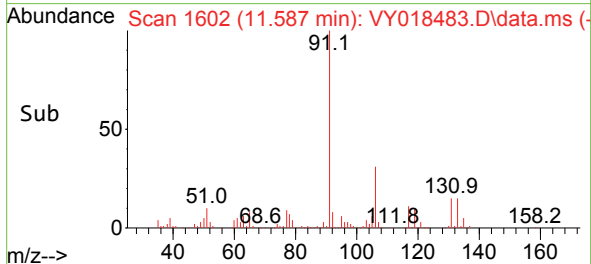
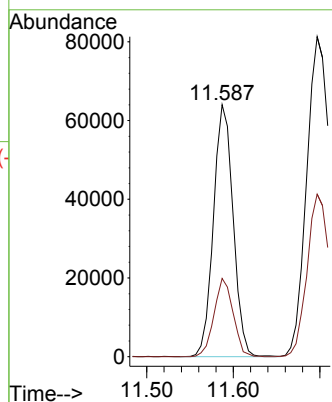
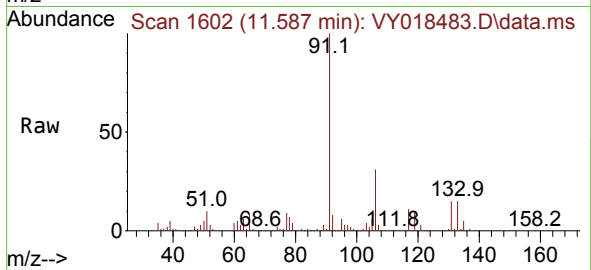




#67  
Ethyl Benzene  
Concen: 21.262 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

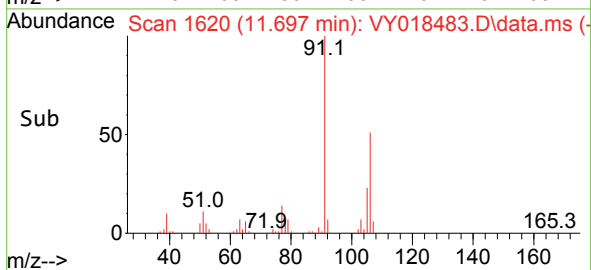
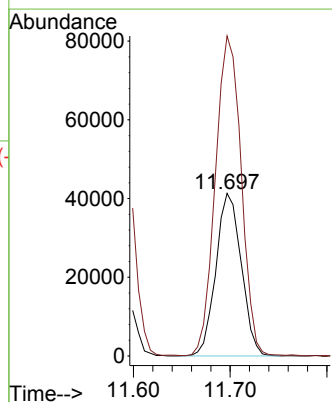
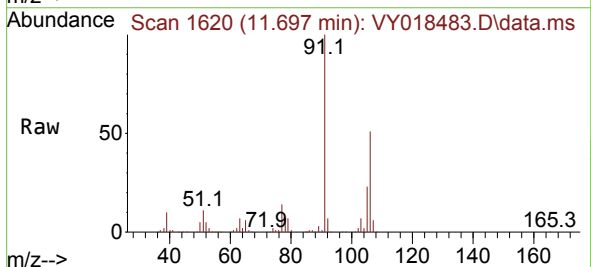
Instrument :  
MSVOA\_Y  
ClientSampleId :

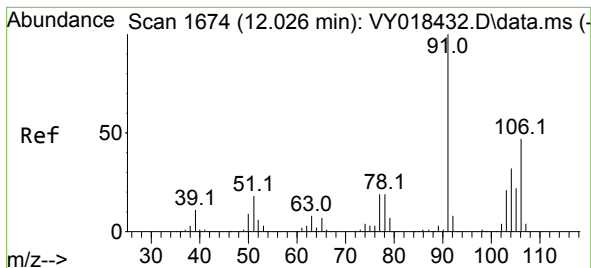
Tgt Ion: 91 Resp: 101085  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.5 36.7



#68  
m/p-Xylenes  
Concen: 42.060 ug/l  
RT: 11.697 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion:106 Resp: 75295  
Ion Ratio Lower Upper  
106 100  
91 201.2 156.0 234.0

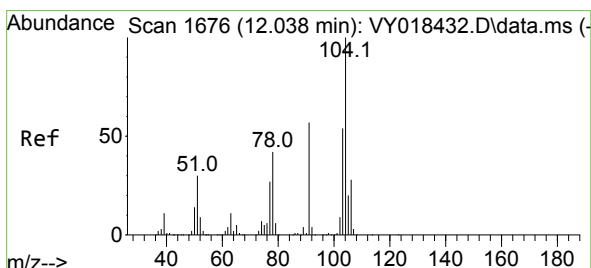
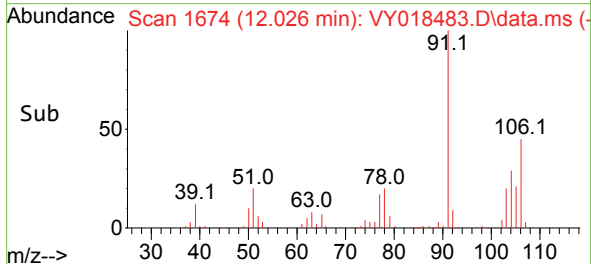
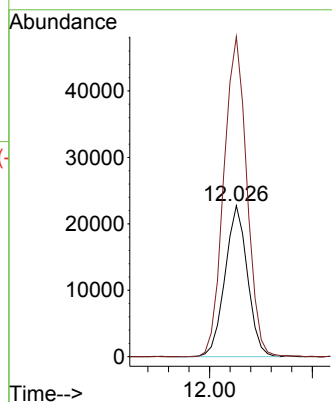
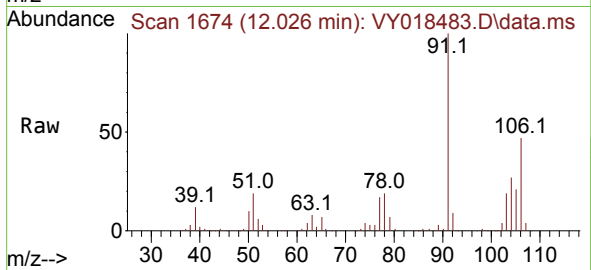




#69  
o-Xylene  
Concen: 19.967 ug/l  
RT: 12.026 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

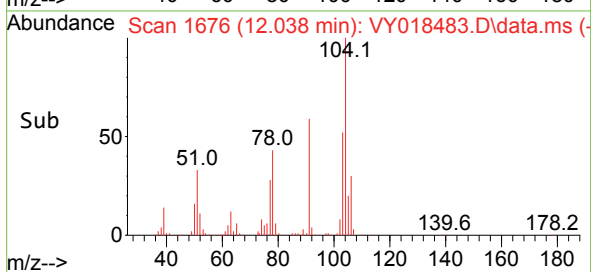
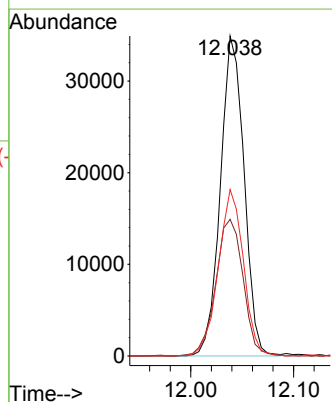
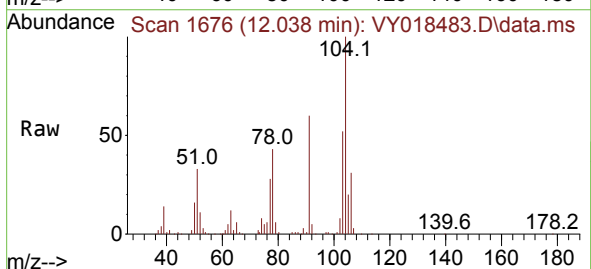
Instrument :  
MSVOA\_Y  
ClientSampleId :

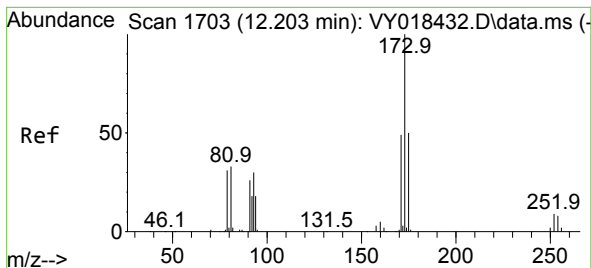
Tgt Ion:106 Resp: 34409  
Ion Ratio Lower Upper  
106 100  
91 217.8 103.6 310.8



#70  
Styrene  
Concen: 19.825 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion:104 Resp: 55820  
Ion Ratio Lower Upper  
104 100  
78 49.3 37.0 55.4  
103 55.3 44.2 66.2





#71

Bromoform

Concen: 15.991 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018483.D

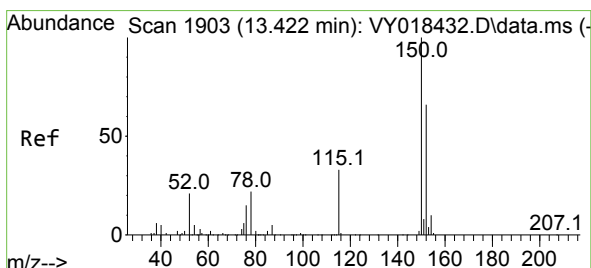
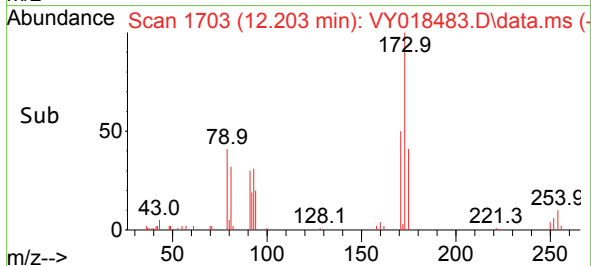
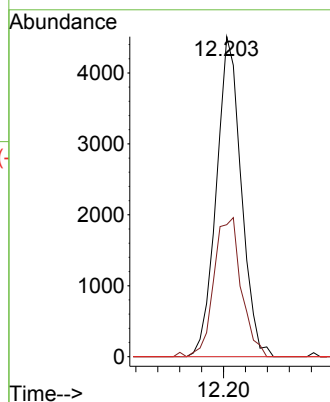
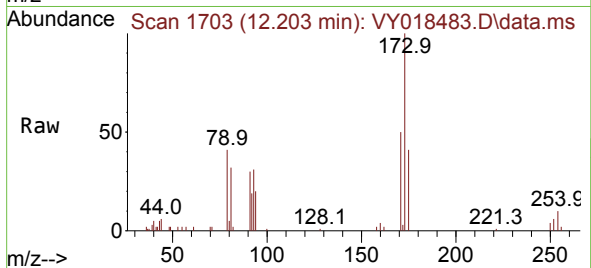
Acq: 05 Jun 2024 14:33

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 7115      |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 47.9  | 25.1 75.3 |
| 254         | 0.0   | 0.0 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

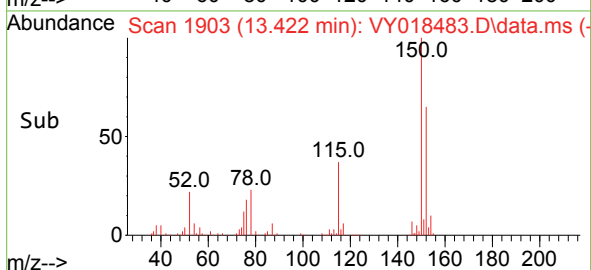
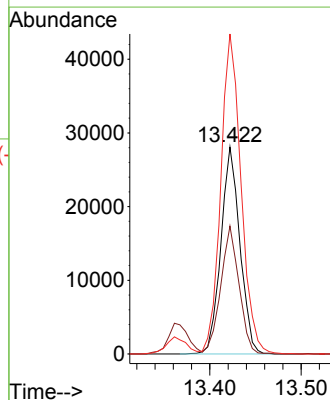
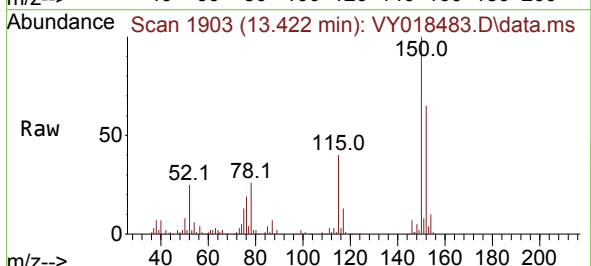
RT: 13.422 min Scan# 1903

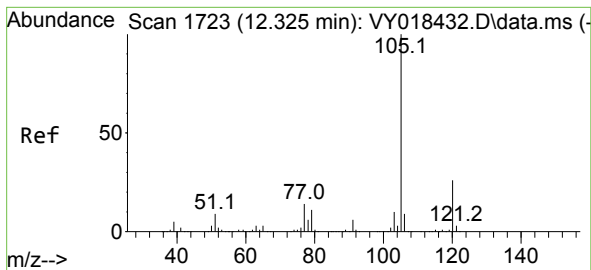
Delta R.T. 0.000 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 40615     |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 59.6  | 28.2 84.7 |
| 150         | 165.3 | 0.0 345.6 |





#73

Isopropylbenzene

Concen: 22.213 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. 0.000 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

Instrument :

MSVOA\_Y

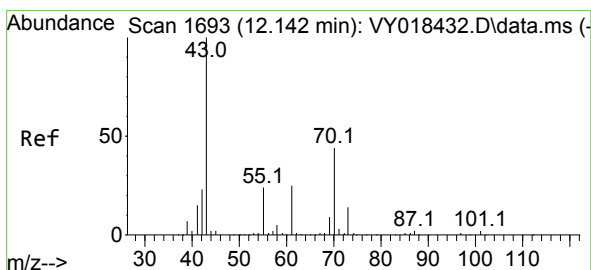
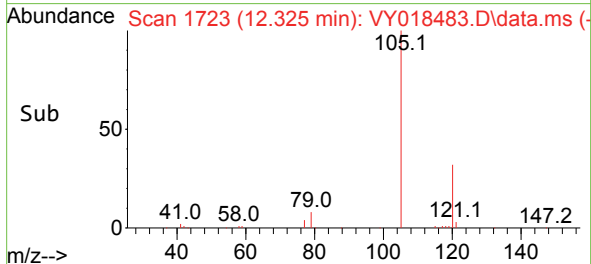
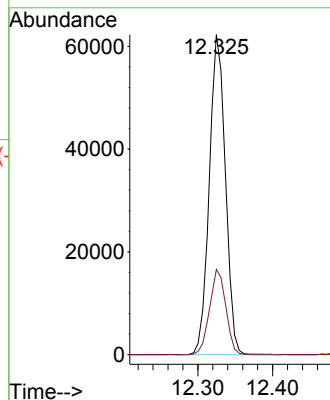
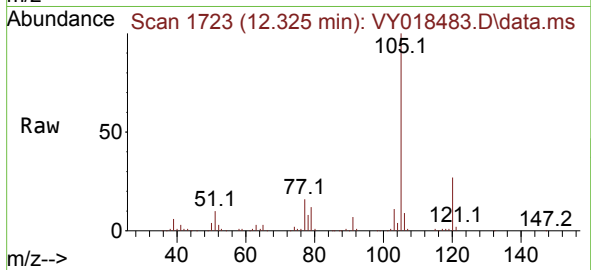
ClientSampleId :

Tgt Ion:105 Resp: 93099

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 18.695 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

Tgt Ion: 43 Resp: 19072

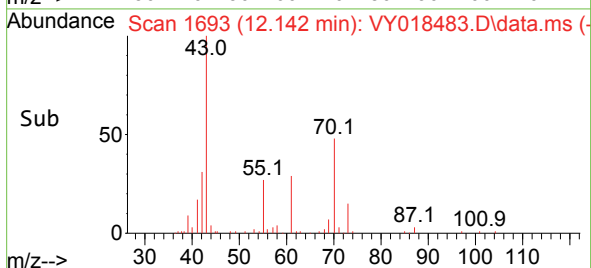
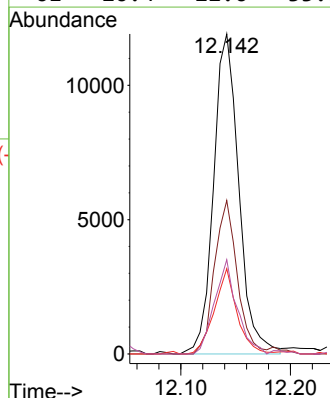
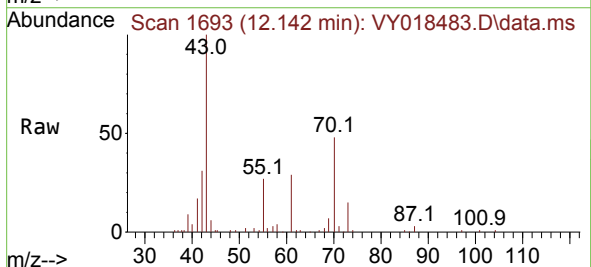
Ion Ratio Lower Upper

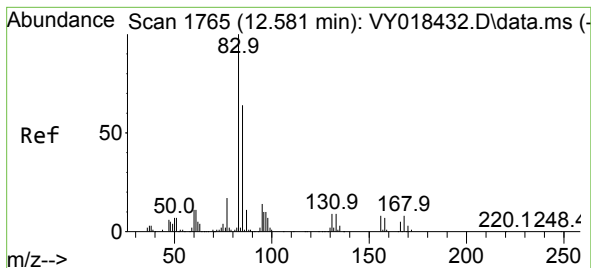
43 100

70 43.3 41.4 62.2

55 24.0 23.3 34.9

61 26.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.899 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

Instrument :

MSVOA\_Y

ClientSampleId :

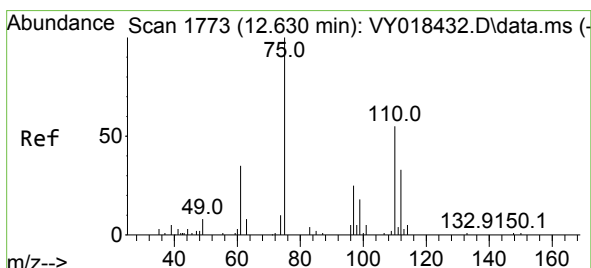
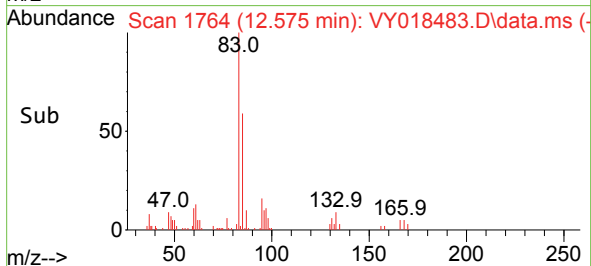
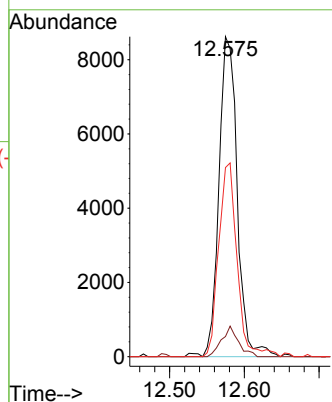
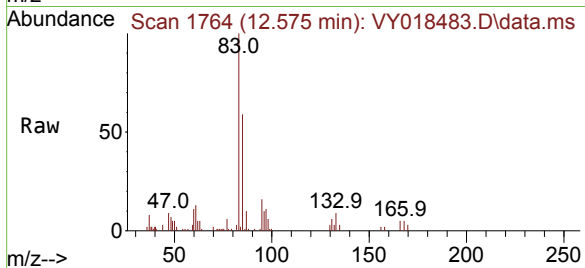
Tgt Ion: 83 Resp: 14681

Ion Ratio Lower Upper

83 100

131 8.7 5.0 14.9

85 60.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 35.369 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY018483.D

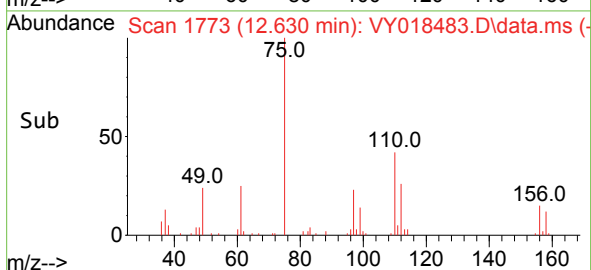
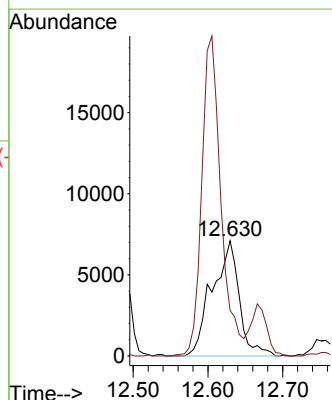
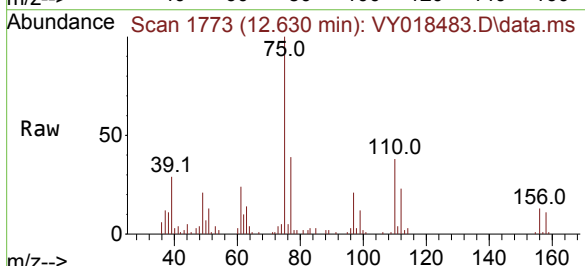
Acq: 05 Jun 2024 14:33

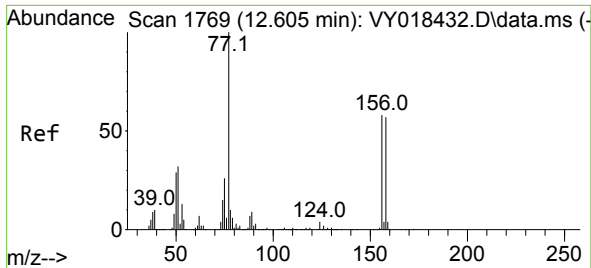
Tgt Ion: 75 Resp: 17813

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

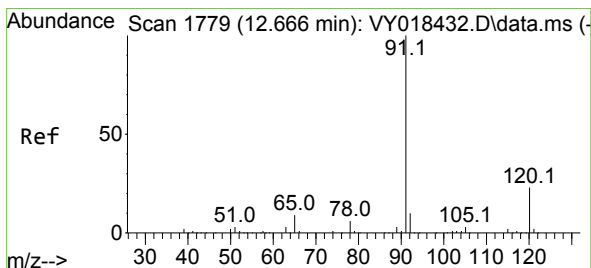
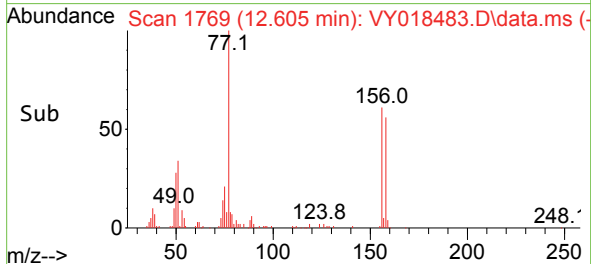
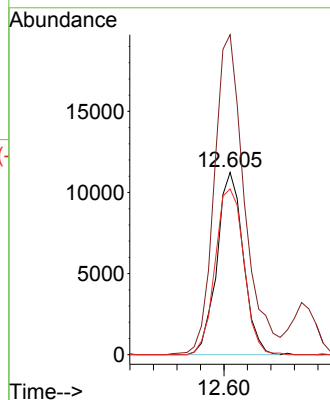
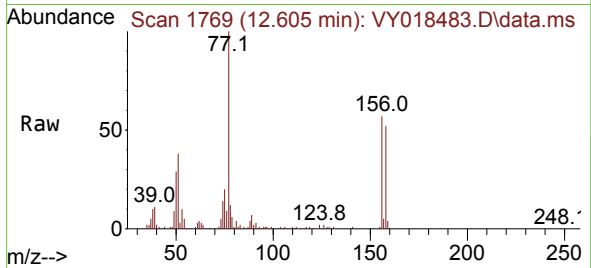




#77  
Bromobenzene  
Concen: 19.650 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

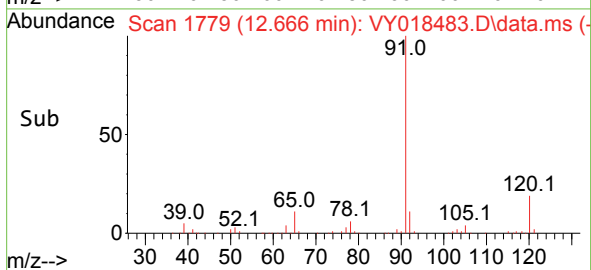
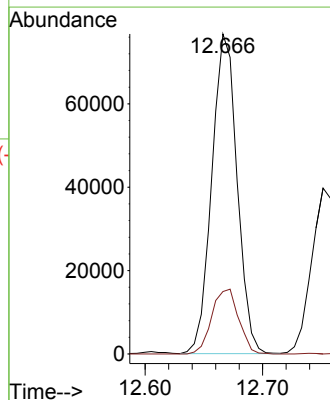
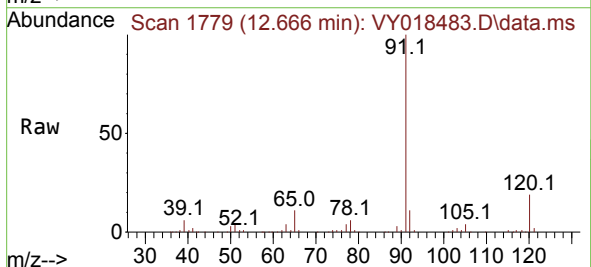
Instrument :  
MSVOA\_Y  
ClientSampleId :

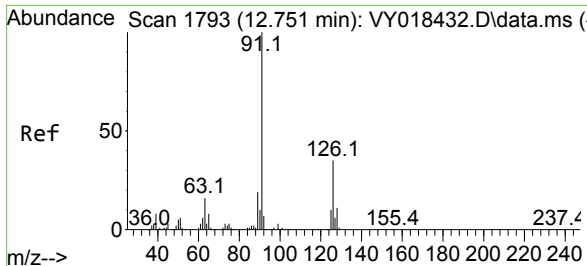
Tgt Ion:156 Resp: 17486  
Ion Ratio Lower Upper  
156 100  
77 201.2 87.1 261.3  
158 99.1 48.6 145.9



#78  
n-propylbenzene  
Concen: 22.806 ug/l  
RT: 12.666 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 91 Resp: 114721  
Ion Ratio Lower Upper  
91 100  
120 21.5 11.5 34.4

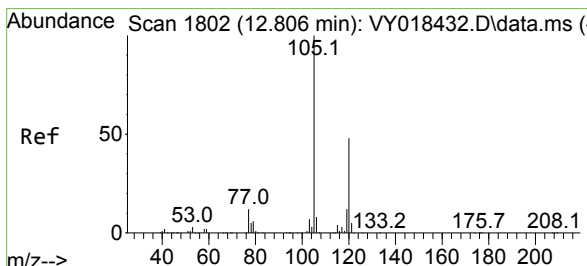
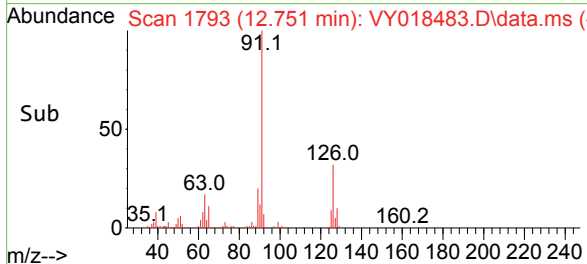
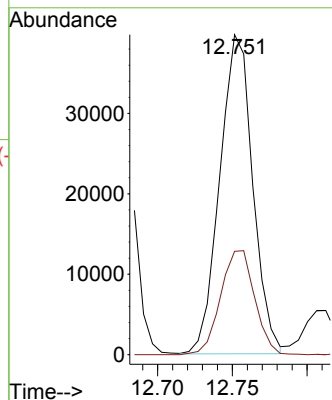
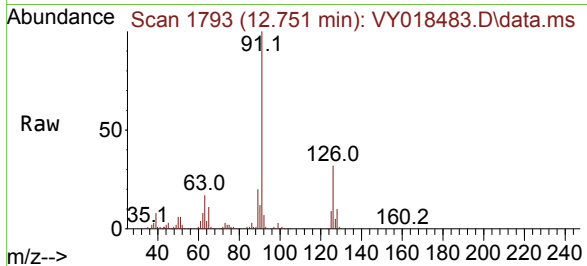




#79  
2-Chlorotoluene  
Concen: 22.272 ug/l  
RT: 12.751 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

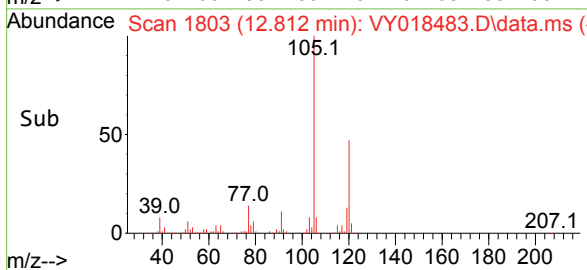
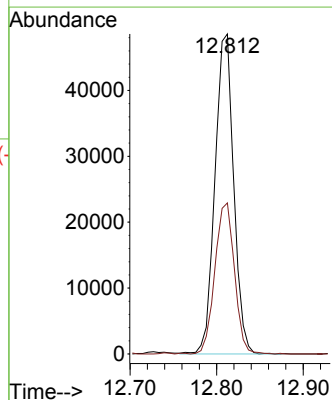
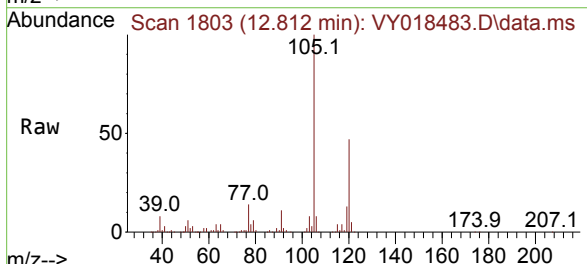
Instrument :  
MSVOA\_Y  
ClientSampleId :

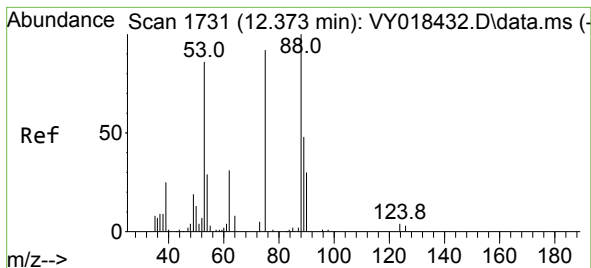
Tgt Ion: 91 Resp: 60907  
Ion Ratio Lower Upper  
91 100  
126 33.7 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 22.329 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 105 Resp: 72887  
Ion Ratio Lower Upper  
105 100  
120 49.4 25.1 75.2

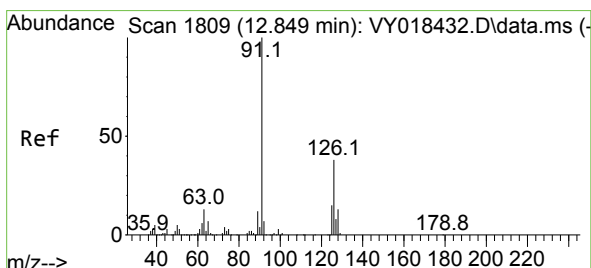
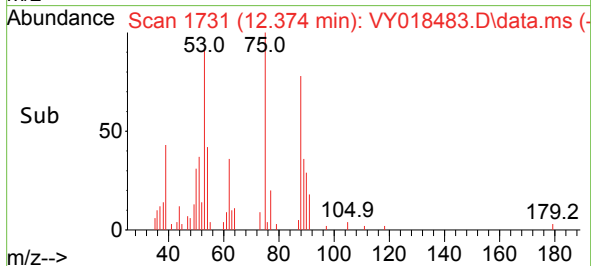
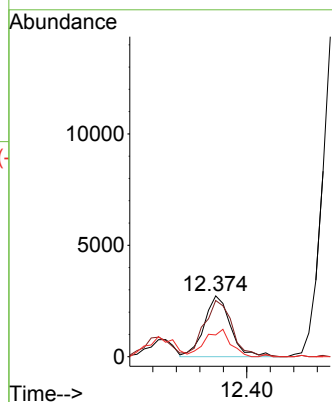
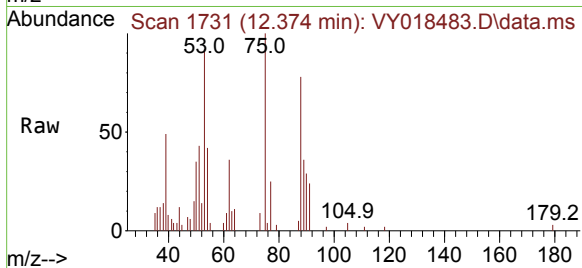




#81  
trans-1,4-Dichloro-2-butene  
Concen: 17.529 ug/l  
RT: 12.374 min Scan# 1731  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

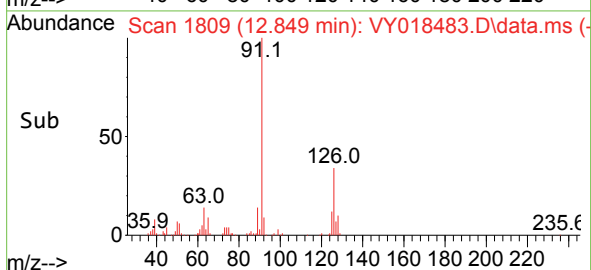
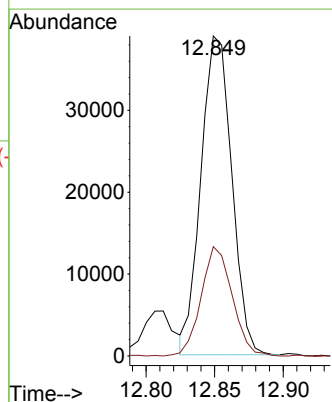
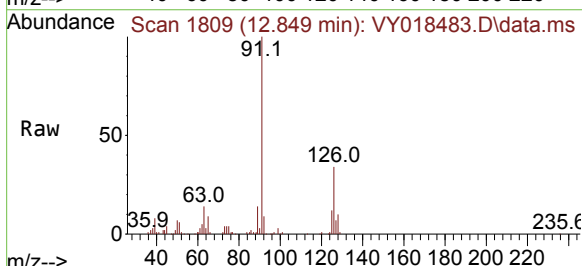
Instrument :  
MSVOA\_Y  
ClientSampleId :

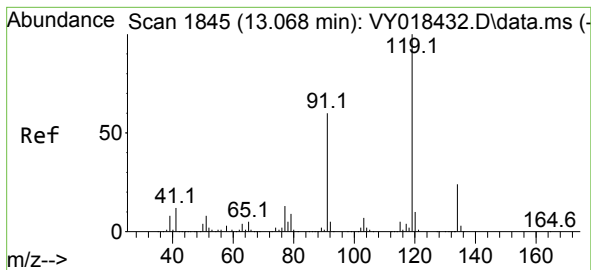
Tgt Ion: 75 Resp: 4202  
Ion Ratio Lower Upper  
75 100  
53 99.8 66.8 100.2  
89 43.1 35.8 53.6



#82  
4-Chlorotoluene  
Concen: 22.152 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

Tgt Ion: 91 Resp: 60960  
Ion Ratio Lower Upper  
91 100  
126 34.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.320 ug/l

RT: 13.069 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

Instrument :

MSVOA\_Y

ClientSampleId :

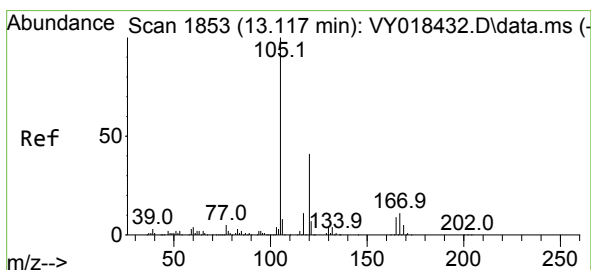
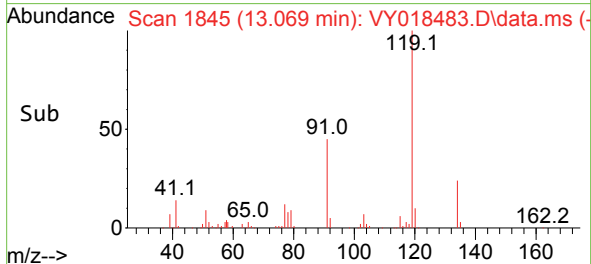
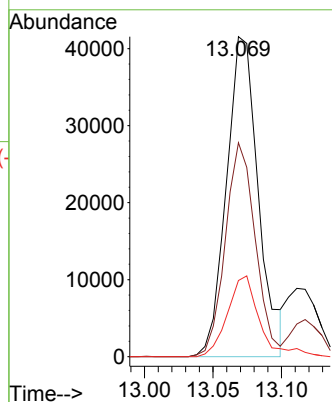
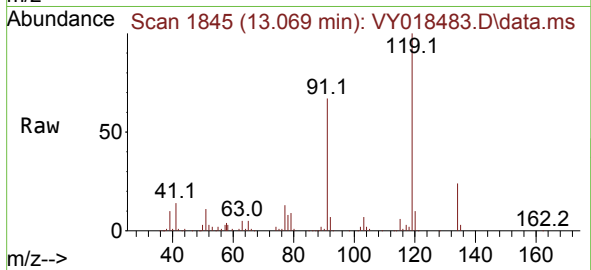
Tgt Ion:119 Resp: 67372

Ion Ratio Lower Upper

119 100

91 62.9 31.3 93.8

134 25.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 22.565 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018483.D

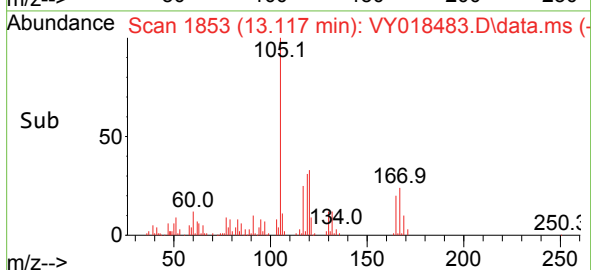
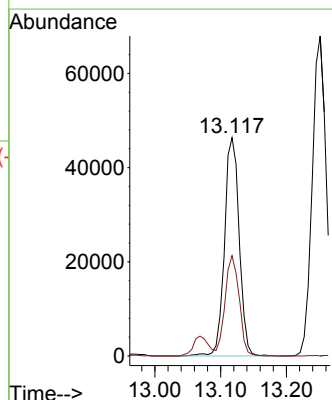
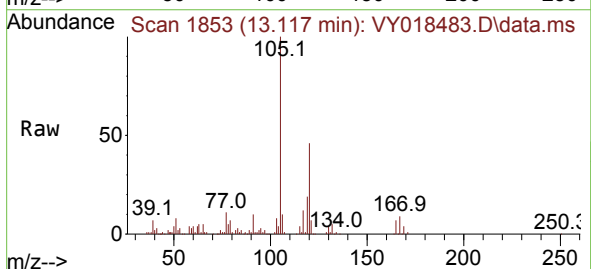
Acq: 05 Jun 2024 14:33

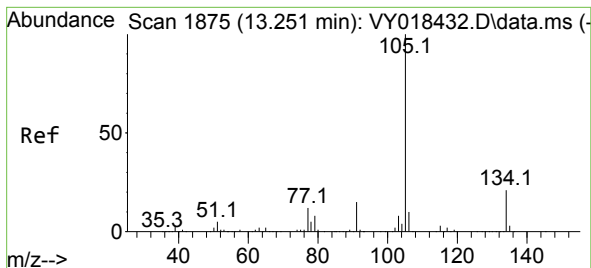
Tgt Ion:105 Resp: 72113

Ion Ratio Lower Upper

105 100

120 43.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.690 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

Instrument :

MSVOA\_Y

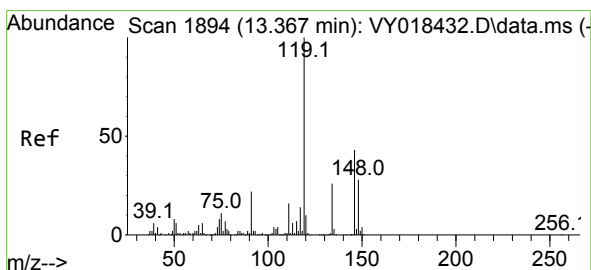
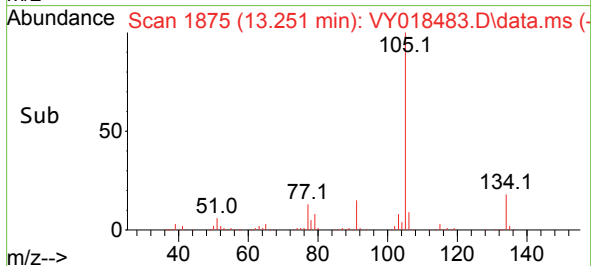
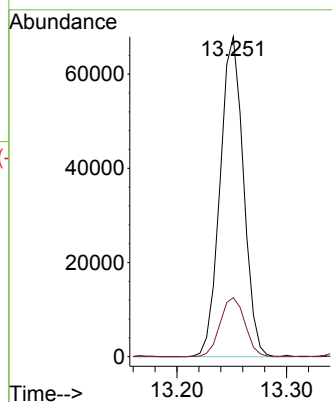
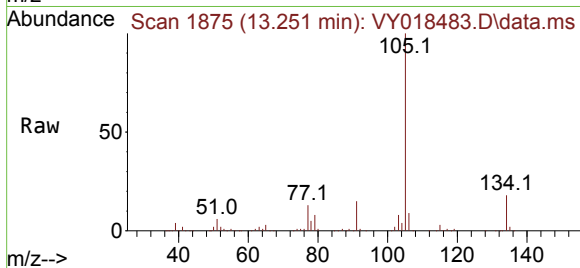
ClientSampleId :

Tgt Ion:105 Resp: 100868

Ion Ratio Lower Upper

105 100

134 19.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.060 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

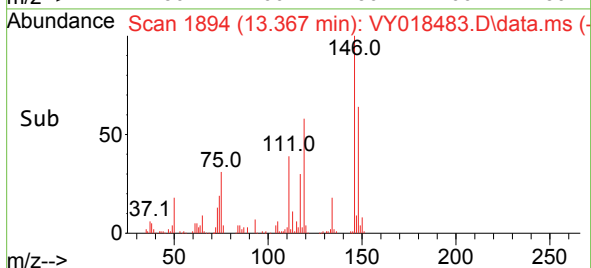
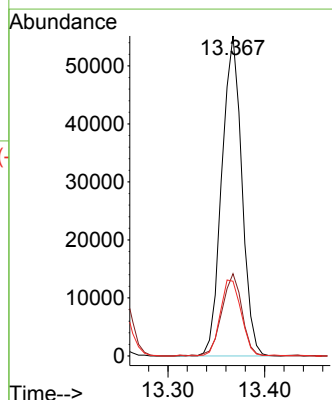
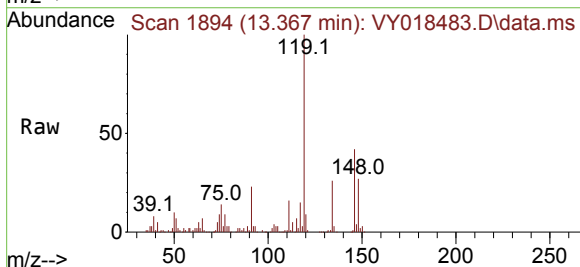
Tgt Ion:119 Resp: 79146

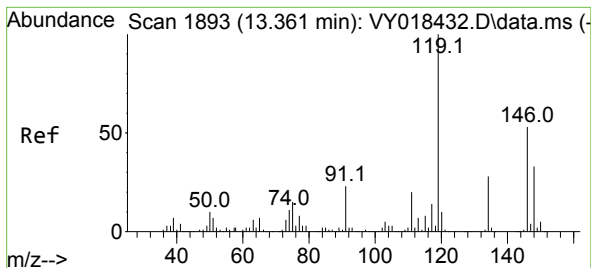
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 25.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.793 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

Instrument :

MSVOA\_Y

ClientSampleId :

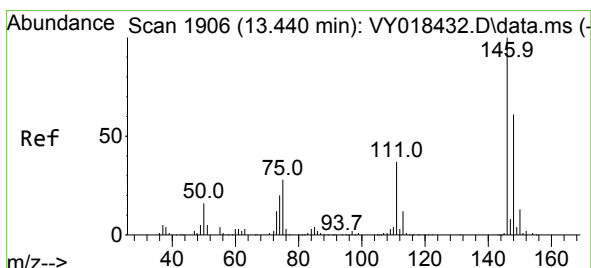
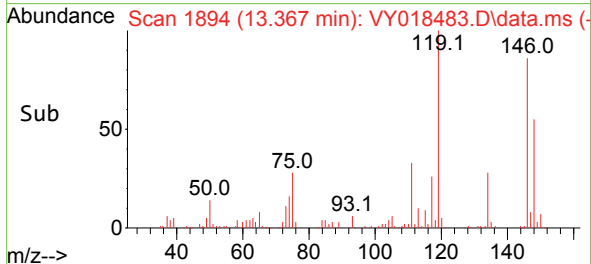
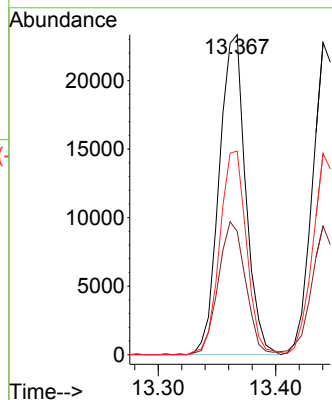
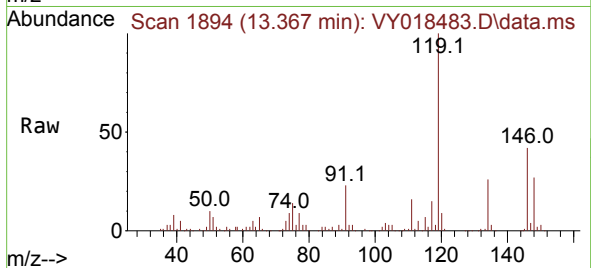
Tgt Ion:146 Resp: 36500

Ion Ratio Lower Upper

146 100

111 42.8 19.0 57.0

148 64.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.371 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

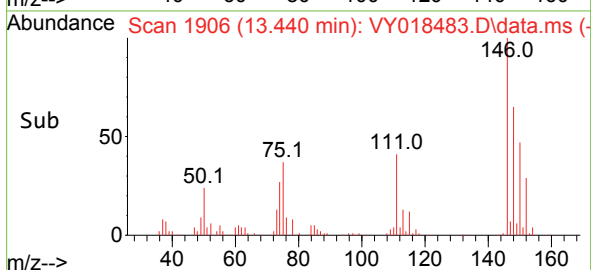
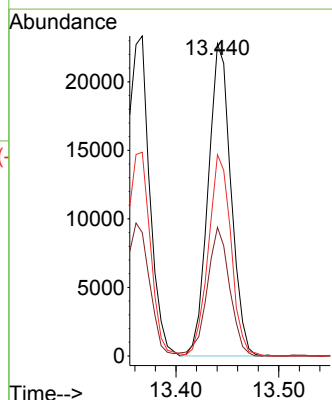
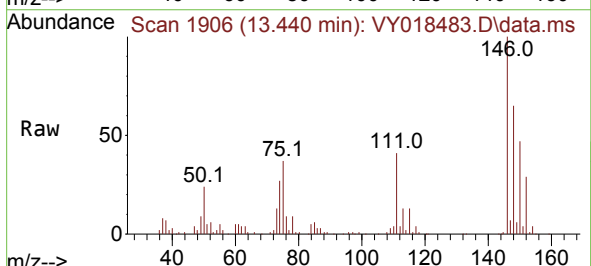
Tgt Ion:146 Resp: 35130

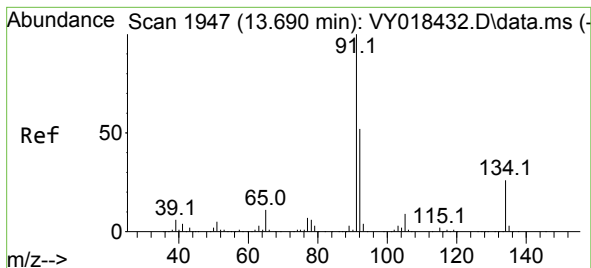
Ion Ratio Lower Upper

146 100

111 40.8 18.4 55.4

148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 22.534 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY018483.D

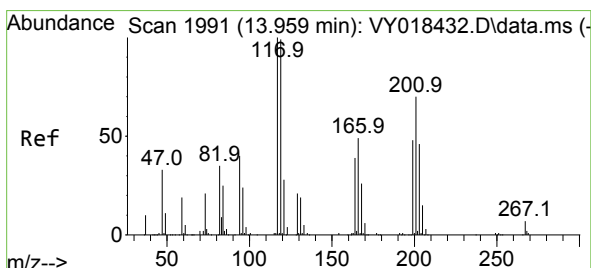
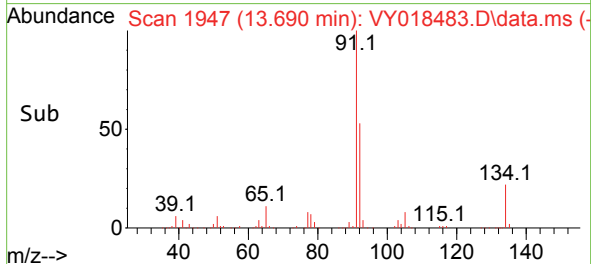
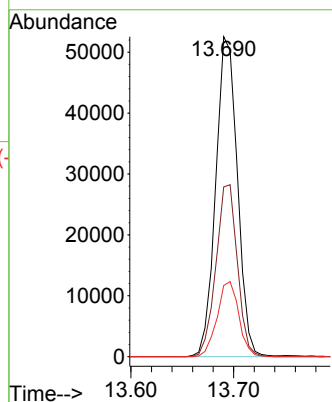
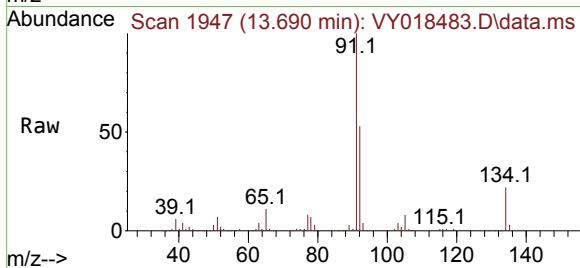
Acq: 05 Jun 2024 14:33

Instrument :

MSVOA\_Y

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 76825 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 53.2  | 26.6  | 79.7  |
| 134      | 23.5  | 12.9  | 38.7  |



#90

Hexachloroethane

Concen: 20.679 ug/l

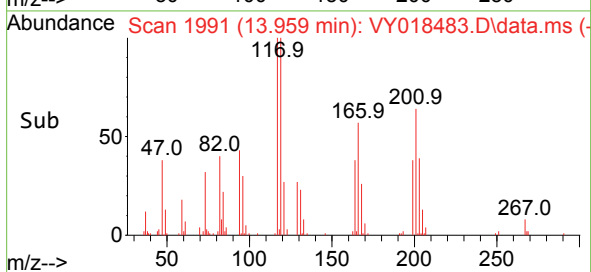
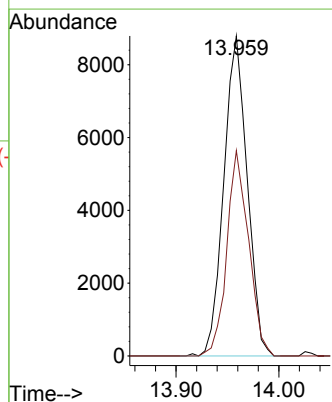
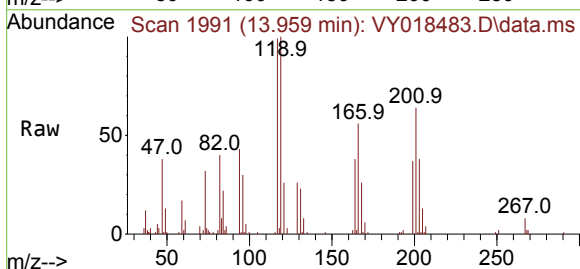
RT: 13.959 min Scan# 1991

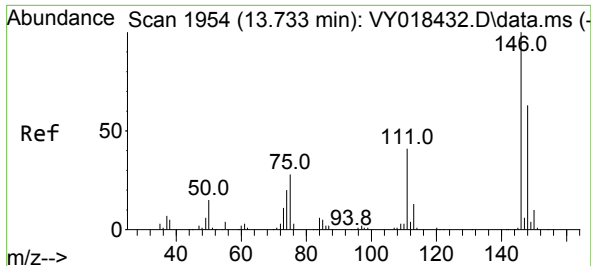
Delta R.T. 0.000 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 13906 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 59.8  | 37.4  | 112.2 |

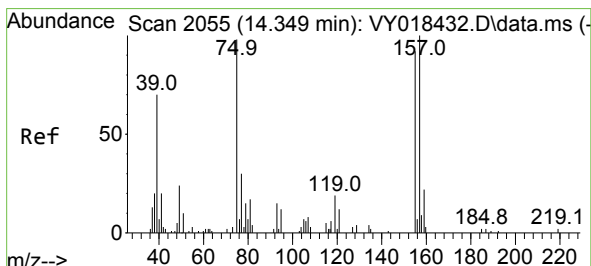
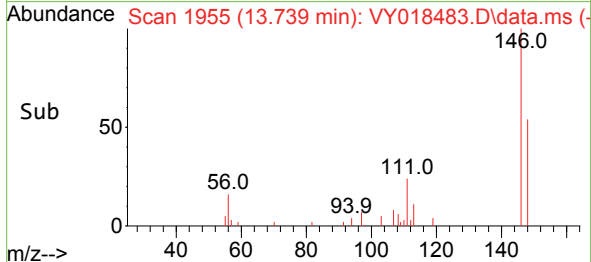
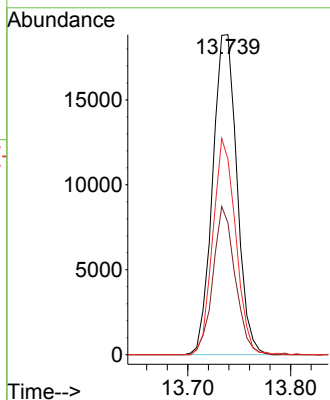
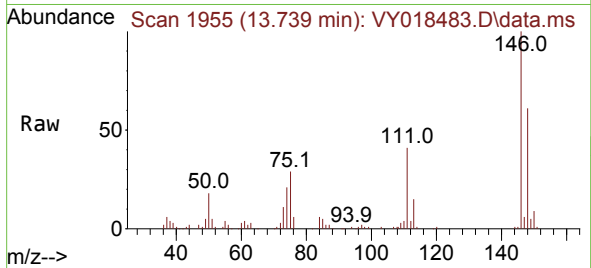




#91  
1,2-Dichlorobenzene  
Concen: 20.208 ug/l  
RT: 13.739 min Scan# 1954  
Delta R.T. 0.006 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

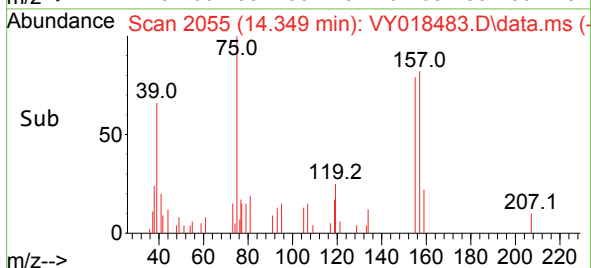
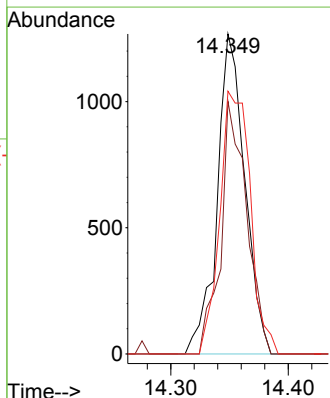
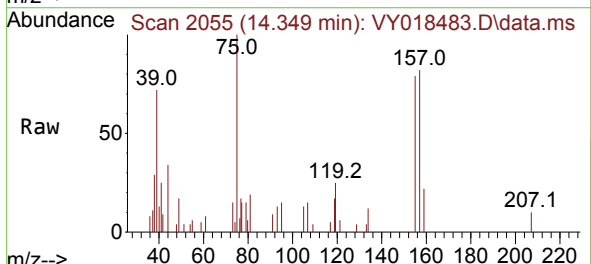
Instrument :  
MSVOA\_Y  
ClientSampleId :

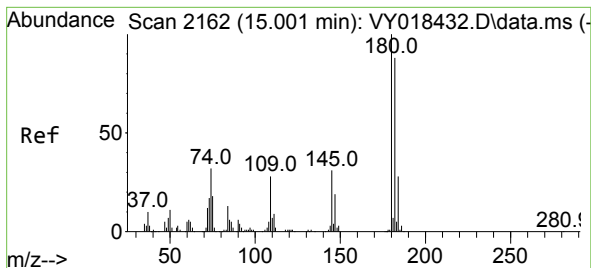
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 30867 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 42.3  | 19.9  | 59.7  |
| 148      | 63.7  | 31.8  | 95.4  |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.500 ug/l  
RT: 14.349 min Scan# 2055  
Delta R.T. 0.000 min  
Lab File: VY018483.D  
Acq: 05 Jun 2024 14:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 2077  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 155      | 73.6  | 48.6  | 145.8 |
| 157      | 90.6  | 62.7  | 188.2 |





#93

1,2,4-Trichlorobenzene

Concen: 18.167 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

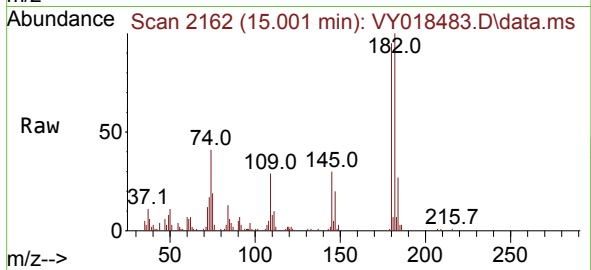
Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

Instrument :

MSVOA\_Y

ClientSampleId :



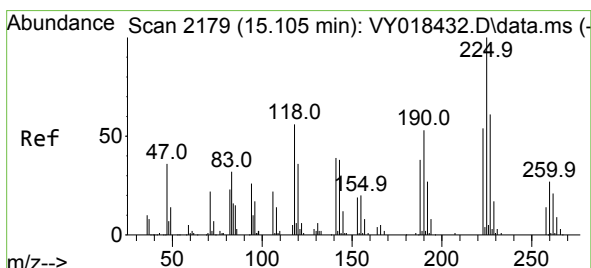
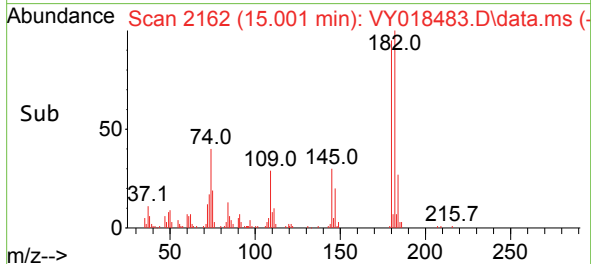
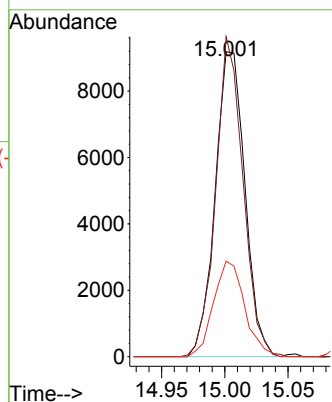
Tgt Ion:180 Resp: 15008

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.8

145 32.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.416 ug/l

RT: 15.105 min Scan# 2179

Delta R.T. 0.000 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

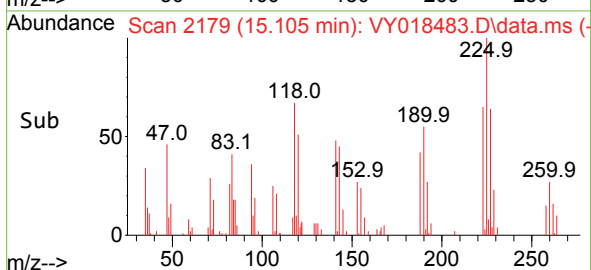
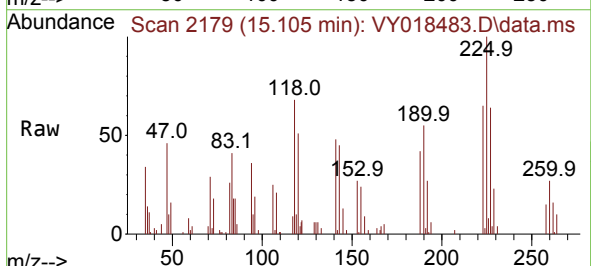
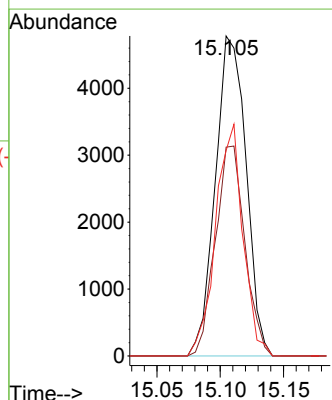
Tgt Ion:225 Resp: 8080

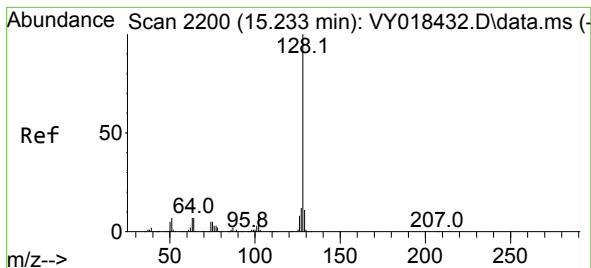
Ion Ratio Lower Upper

225 100

223 63.1 30.4 91.2

227 64.5 31.9 95.9





#95

Naphthalene

Concen: 17.071 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018483.D

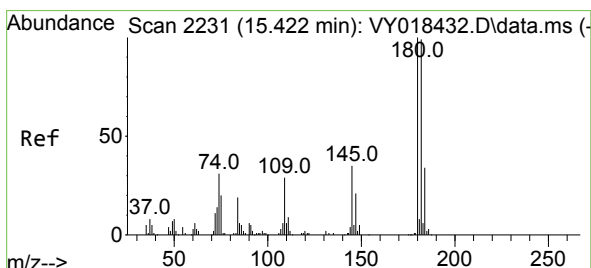
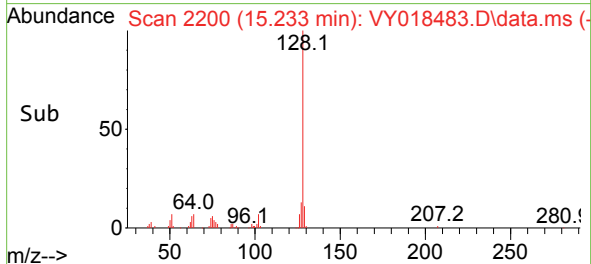
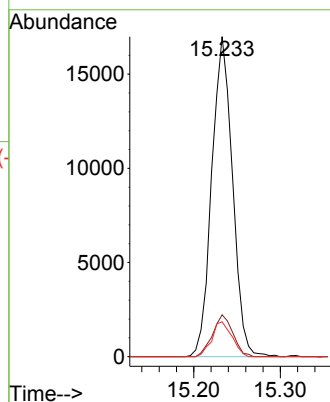
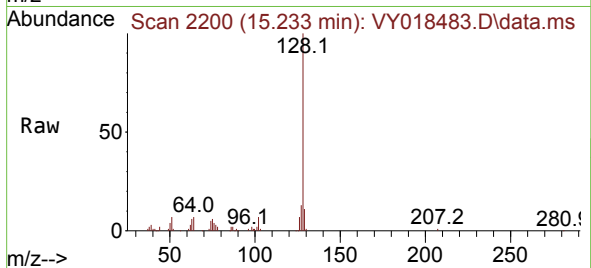
Acq: 05 Jun 2024 14:33

Instrument :

MSVOA\_Y

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 28323 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 12.8  | 10.6  | 16.0  |
| 129       | 10.5  | 8.6   | 13.0  |



#96

1,2,3-Trichlorobenzene

Concen: 18.274 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018483.D

Acq: 05 Jun 2024 14:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 12773 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.5  | 47.6  | 142.9 |
| 145       | 36.8  | 15.4  | 46.1  |

