

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081823\  
 Data File : VY015201.D  
 Acq On : 18 Aug 2023 17:23  
 Operator : SY/MD  
 Sample : 04086-13  
 Misc : 5.00g/5.2mL/MSVOA\_Y/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 18 23:13:41 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081423S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 14 12:43:26 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| -----                         |        |       |          |           |            |          |
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 7.783  | 168   | 178420   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.685  | 114   | 305969   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.490 | 117   | 306146   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.422 | 152   | 161479   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.137  | 65    | 112560   | 52.555    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | = 105.100% |          |
| 35) Dibromofluoromethane      | 7.710  | 113   | 95460    | 48.496    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | = 97.000%  |          |
| 50) Toluene-d8                | 10.179 | 98    | 366782   | 50.055    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 134 | Recovery  | = 100.120% |          |
| 62) 4-Bromofluorobenzene      | 12.477 | 95    | 147855   | 55.245    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 30 - 143 | Recovery  | = 110.480% |          |
| Target Compounds              |        |       |          |           |            |          |
|                               |        |       |          |           | Qvalue     |          |
| 2) Dichlorodifluoromethane    | 1.900  | 85    | 121      | Below Cal | #          | 47       |
| 3) Chloromethane              | 2.095  | 50    | 486      | Below Cal |            | 100      |
| 5) Bromomethane               | 2.662  | 94    | 281      | Below Cal | #          | 52       |
| 11) Tert butyl alcohol        | 4.948  | 59    | 1636     | Below Cal | #          | 89       |
| 13) Acrolein                  | 3.686  | 56    | 522      | Below Cal | #          | 1        |
| 16) Acetone                   | 3.942  | 43    | 5742     | 8.207     | ug/l #     | 86       |
| 20) Methylene Chloride        | 4.704  | 84    | 39921    | 21.318    | ug/l       | 91       |
| 25) 2-Butanone                | 6.972  | 43    | 3394     | 3.426     | ug/l #     | 69       |
| 26) 2,2-Dichloropropane       | 6.966  | 77    | 4434     | 1.547     | ug/l #     | 54       |
| 31) Cyclohexane               | 7.771  | 56    | 12793    | 4.356     | ug/l #     | 86       |
| 36) 1,1-Dichloropropene       | 7.783  | 75    | 13086    | 6.009     | ug/l #     | 52       |
| 37) Ethyl Acetate             | 6.972  | 43    | 3394     | 1.672     | ug/l #     | 1        |
| 38) Carbon Tetrachloride      | 7.783  | 117   | 17326    | 6.723     | ug/l #     | 16       |
| 39) Methylcyclohexane         | 9.179  | 83    | 8251     | 3.380     | ug/l       | 93       |
| 40) Benzene                   | 8.155  | 78    | 13492    | 2.049     | ug/l       | 97       |
| 52) Toluene                   | 10.240 | 92    | 853816   | 196.753   | ug/l       | 94       |
| 67) Ethyl Benzene             | 11.593 | 91    | 169986   | 17.393    | ug/l       | 99       |
| 68) m/p-Xylenes               | 11.697 | 106   | 198246   | 53.408    | ug/l       | 96       |
| 69) o-Xylene                  | 12.026 | 106   | 80869    | 21.870    | ug/l       | 98       |
| 73) Isopropylbenzene          | 12.331 | 105   | 18353    | 1.767     | ug/l       | 97       |
| 76) 1,2,3-Trichloropropane    | 12.477 | 75    | 78578    | 40.053    | ug/l #     | 100      |
| 78) n-propylbenzene           | 12.666 | 91    | 72748    | 5.900     | ug/l       | 99       |
| 79) 2-Chlorotoluene           | 12.733 | 91    | 23022    | 3.237     | ug/l #     | 40       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105   | 85748    | 9.907     | ug/l       | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.477 | 75    | 78578    | 87.976    | ug/l #     | 11       |
| 82) 4-Chlorotoluene           | 12.813 | 91    | 8997     | 1.224     | ug/l #     | 40       |
| 83) tert-Butylbenzene         | 13.117 | 119   | 42448    | 5.362     | ug/l #     | 62       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105   | 348248   | 40.264    | ug/l       | 97       |
| 85) sec-Butylbenzene          | 13.117 | 105   | 348248   | 30.022    | ug/l #     | 56       |
| 89) n-Butylbenzene            | 13.697 | 91    | 15859    | 1.749     | ug/l #     | 66       |
| 90) Hexachloroethane          | 13.971 | 117   | 6488     | 3.401     | ug/l #     | 8        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.337 | 75    | 588      | 1.122     | ug/l #     | 3        |
| 95) Naphthalene               | 15.233 | 128   | 109872   | 14.649    | ug/l       | 99       |
| -----                         |        |       |          |           |            |          |

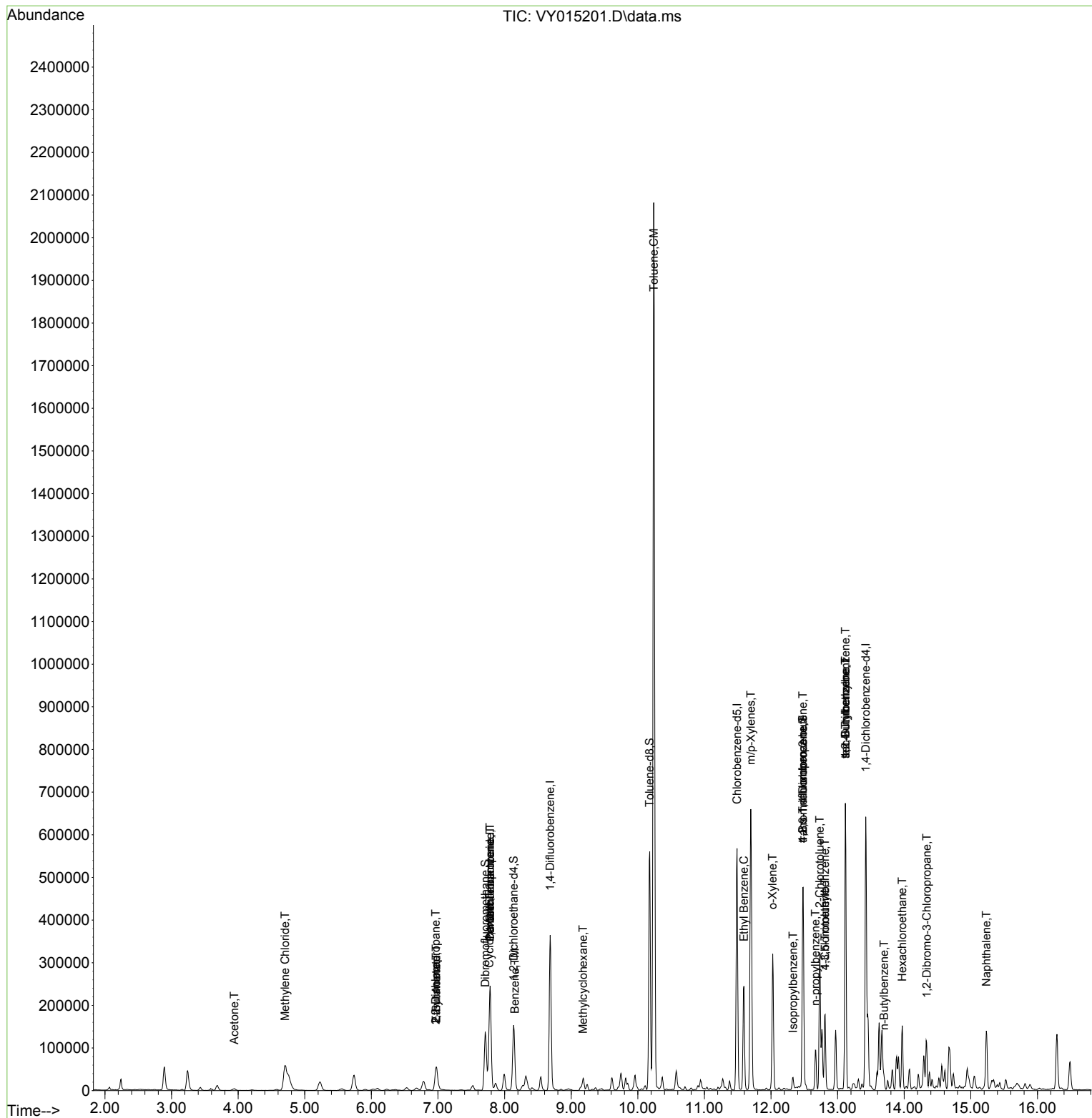
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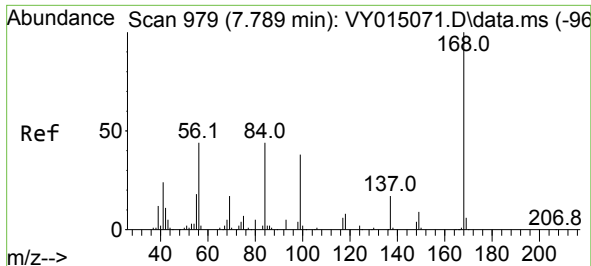
Instrument :  
MSVOA\_Y  
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081823\  
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Quant Time: Aug 18 23:13:41 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081423S.M  
Quant Title : SW846 8260  
QLast Update : Mon Aug 14 12:43:26 2023  
Response via : Initial Calibration

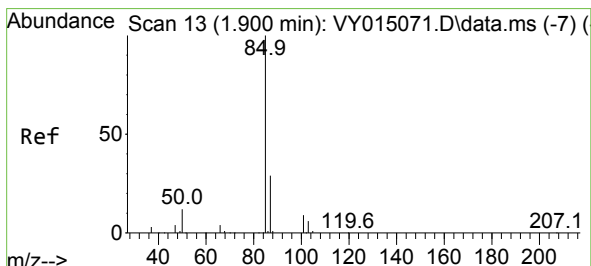
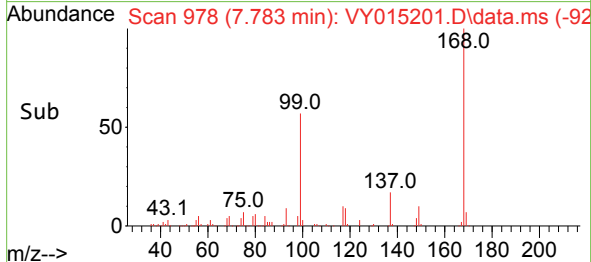
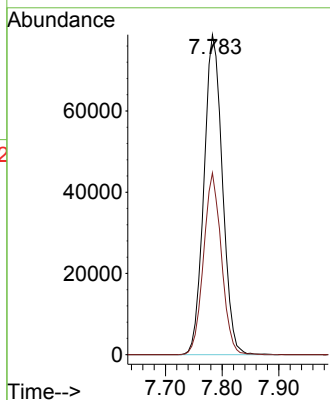
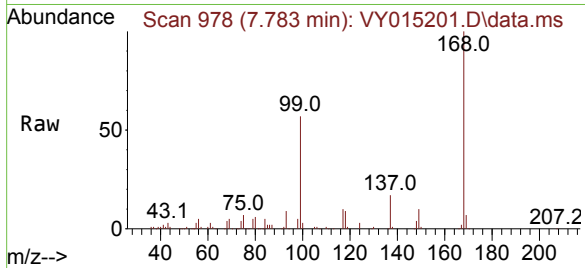




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

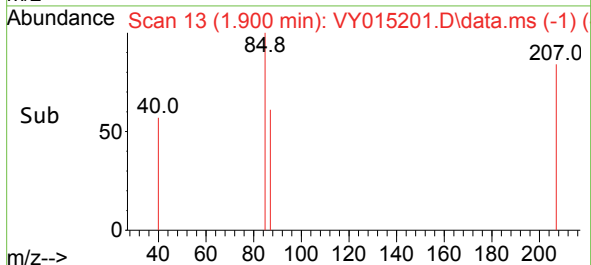
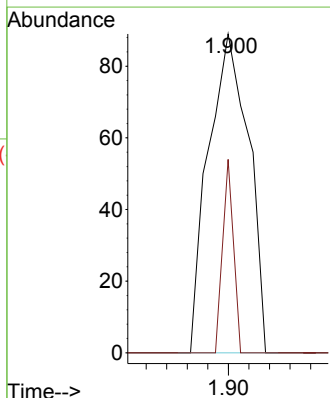
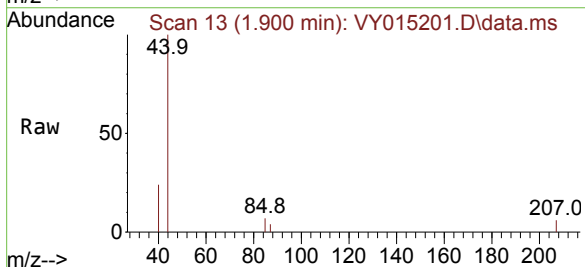
Instrument :  
MSVOA\_Y  
ClientSampleId :

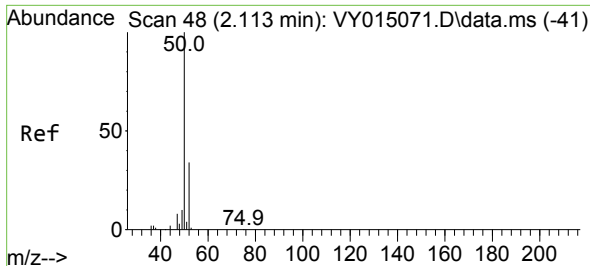
Tgt Ion:168 Resp: 178420  
Ion Ratio Lower Upper  
168 100  
99 56.8 43.4 65.0



#2  
Dichlorodifluoromethane  
Concen: Below Cal  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

Tgt Ion: 85 Resp: 121  
Ion Ratio Lower Upper  
85 100  
87 60.7 15.6 46.8#

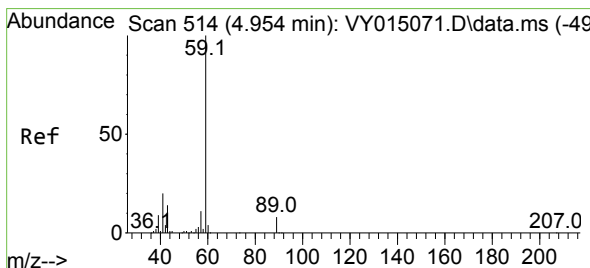
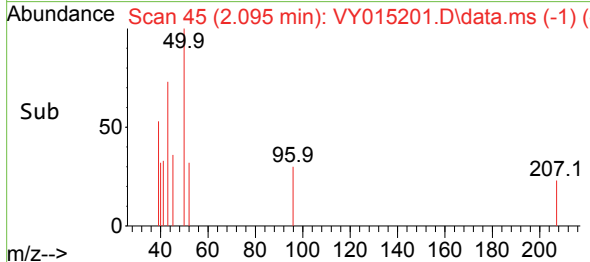
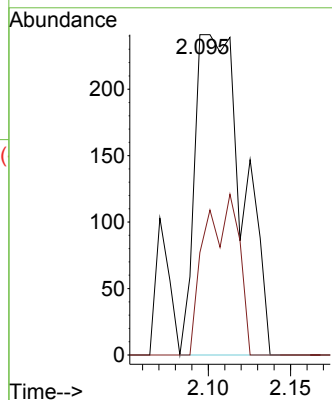
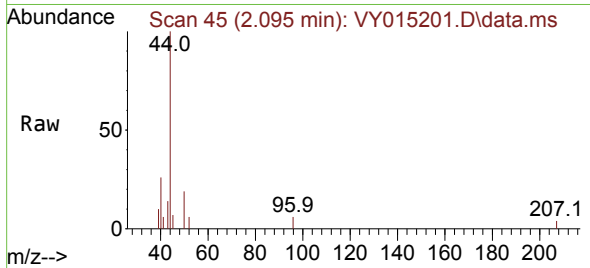




#3  
Chloromethane  
Concen: Below Cal  
RT: 2.095 min Scan# 41  
Delta R.T. -0.012 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

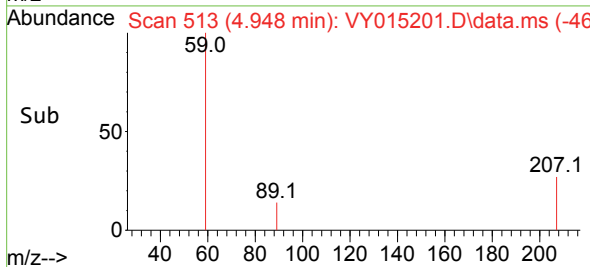
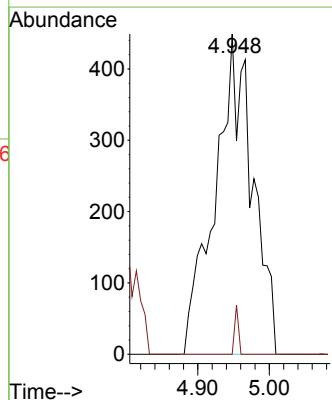
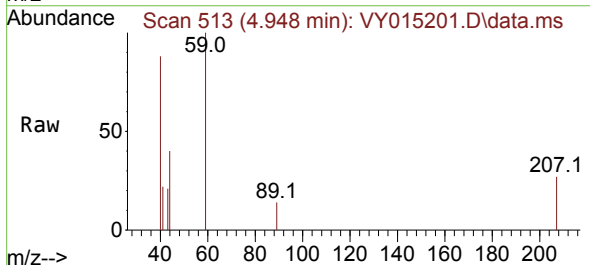
Instrument :  
MSVOA\_Y  
ClientSampleId :

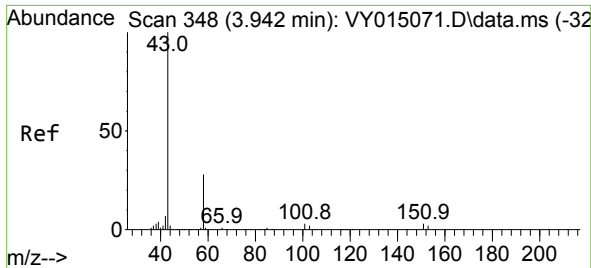
Tgt Ion: 50 Resp: 486  
Ion Ratio Lower Upper  
50 100  
52 32.0 25.4 38.2



#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 4.948 min Scan# 513  
Delta R.T. 0.000 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

Tgt Ion: 59 Resp: 1636  
Ion Ratio Lower Upper  
59 100  
57 0.0 3.0 4.4#





#16

Acetone

Concen: 8.207 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY015201.D

Acq: 18 Aug 2023 17:23

Instrument :

MSVOA\_Y

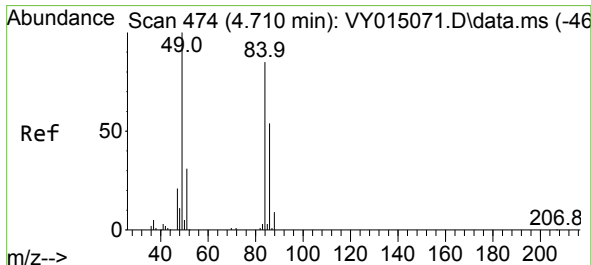
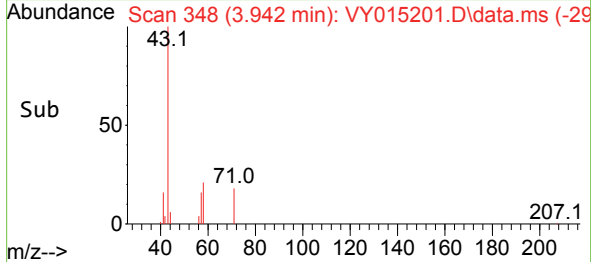
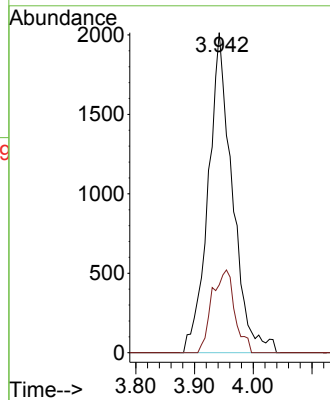
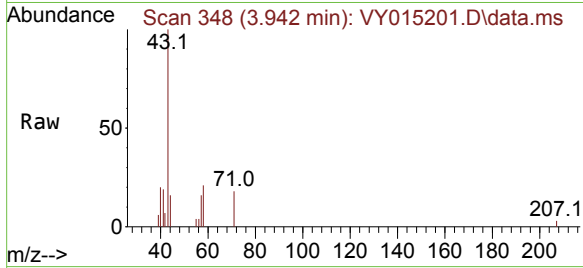
ClientSampleId :

Tgt Ion: 43 Resp: 5742

Ion Ratio Lower Upper

43 100

58 21.2 22.7 34.1#



#20

Methylene Chloride

Concen: 21.318 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY015201.D

Acq: 18 Aug 2023 17:23

Tgt Ion: 84 Resp: 39921

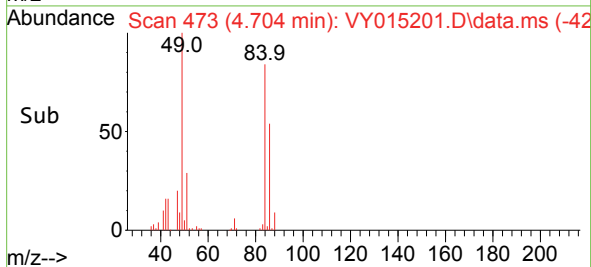
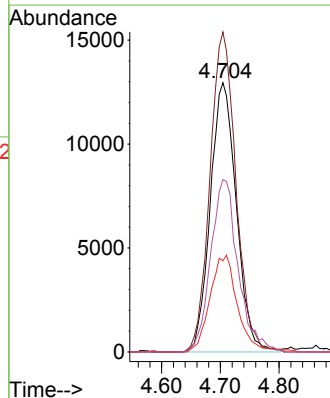
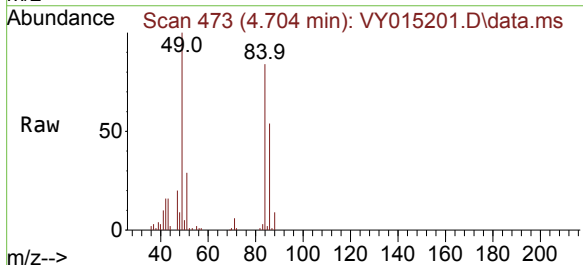
Ion Ratio Lower Upper

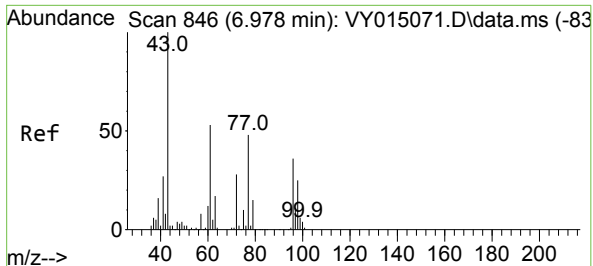
84 100

49 118.8 106.9 160.3

51 33.9 33.2 49.8

86 64.0 51.0 76.6





#25

2-Butanone

Concen: 3.426 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY015201.D

Acq: 18 Aug 2023 17:23

Instrument :

MSVOA\_Y

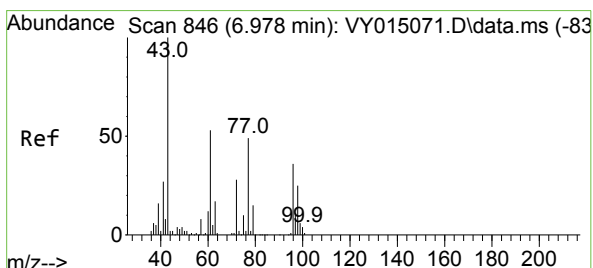
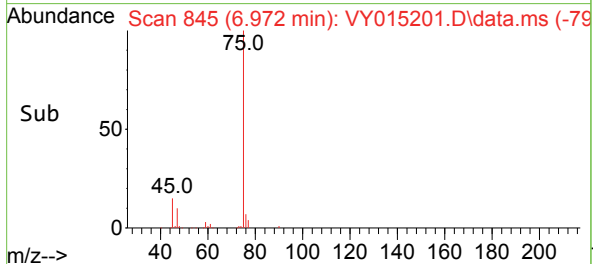
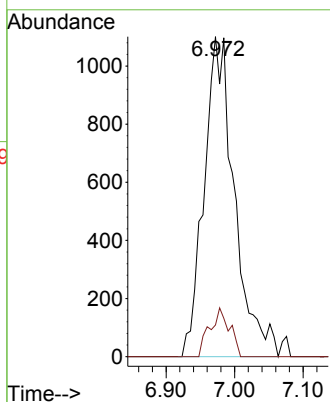
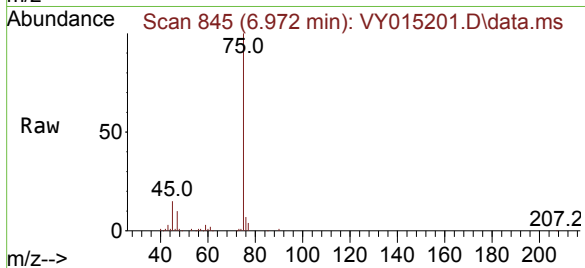
ClientSampleId :

Tgt Ion: 43 Resp: 3394

Ion Ratio Lower Upper

43 100

72 9.9 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 1.547 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY015201.D

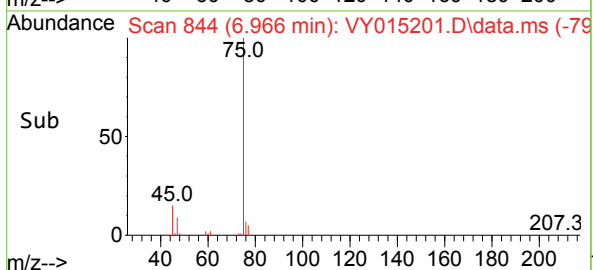
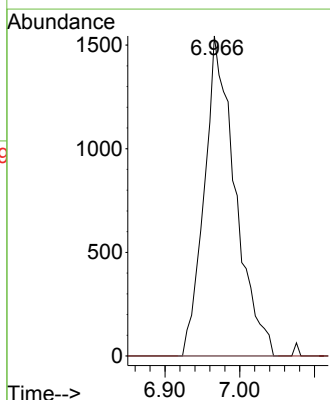
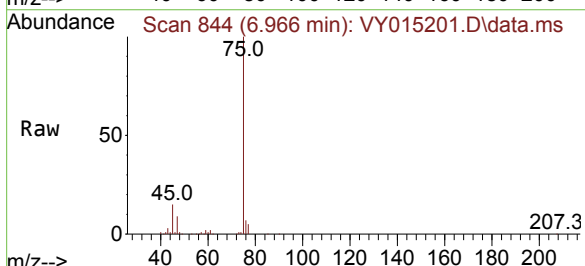
Acq: 18 Aug 2023 17:23

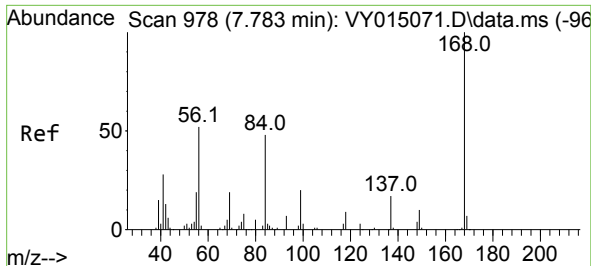
Tgt Ion: 77 Resp: 4434

Ion Ratio Lower Upper

77 100

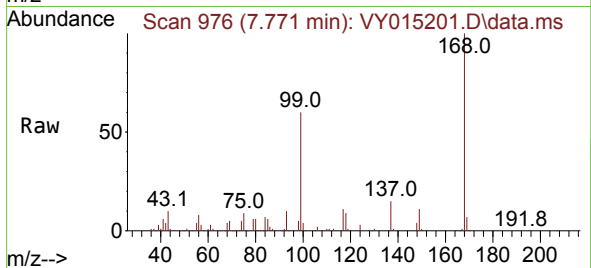
97 0.0 10.9 32.9#



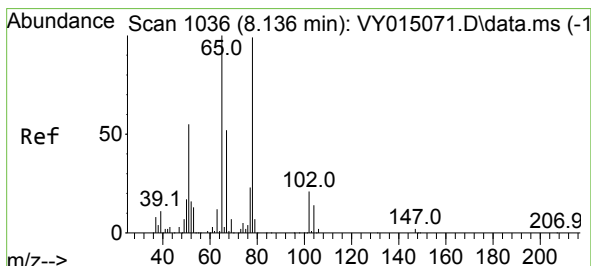
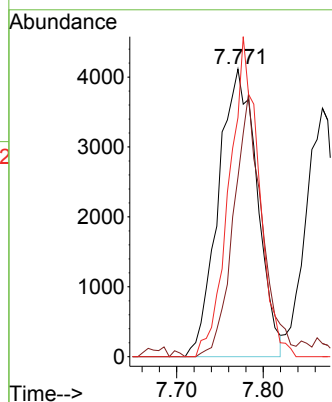
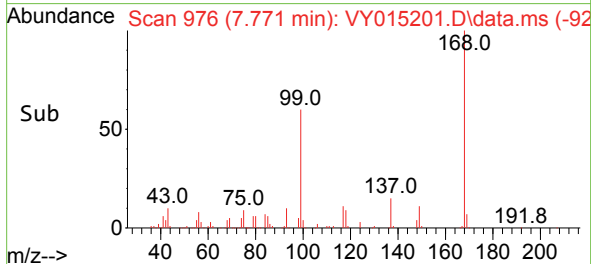


#31  
Cyclohexane  
Concen: 4.356 ug/l  
RT: 7.771 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

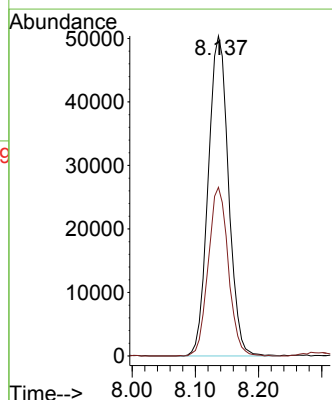
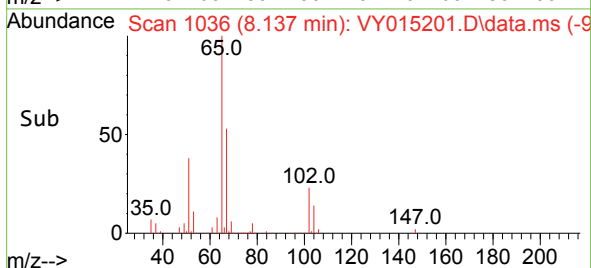
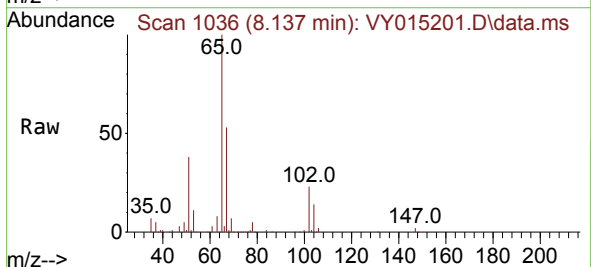


Tgt Ion: 56 Resp: 12793  
Ion Ratio Lower Upper  
56 100  
69 61.1 27.8 41.6#  
84 83.1 66.4 99.6

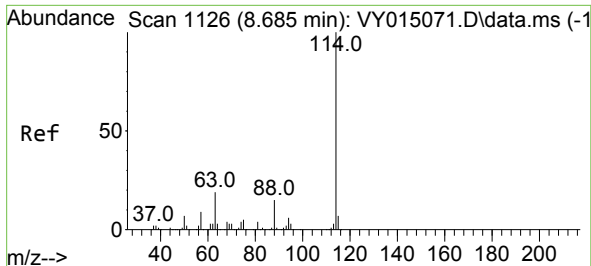


#33  
1,2-Dichloroethane-d4  
Concen: 52.555 ug/l  
RT: 8.137 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

Tgt Ion: 65 Resp: 112560  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 101.8

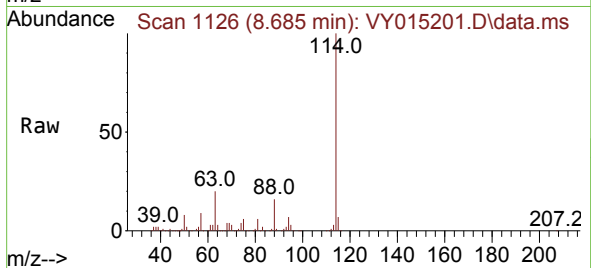




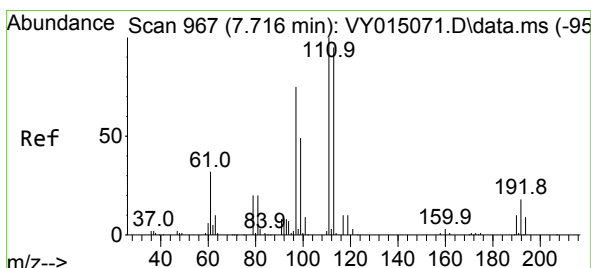
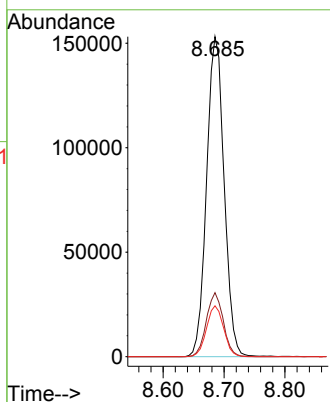
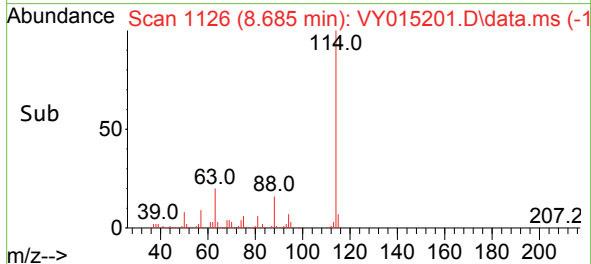


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.685 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

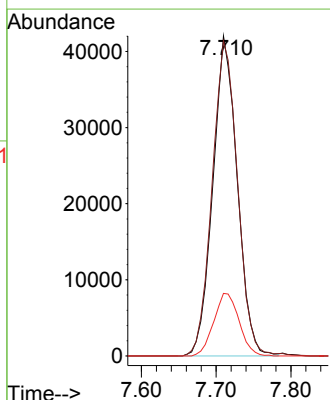
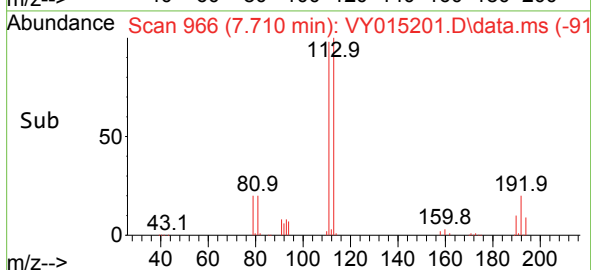
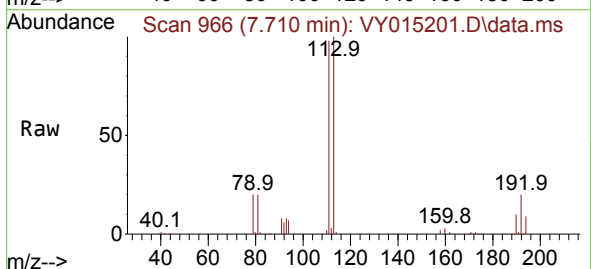


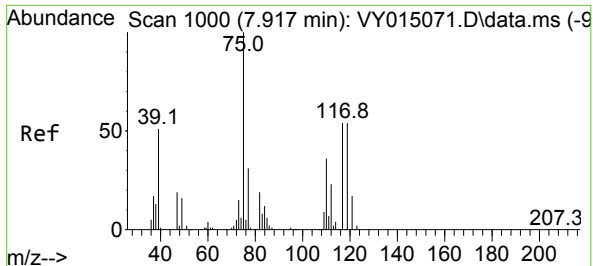
Tgt Ion:114 Resp: 305969  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 42.4  
88 15.9 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 48.496 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. -0.006 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

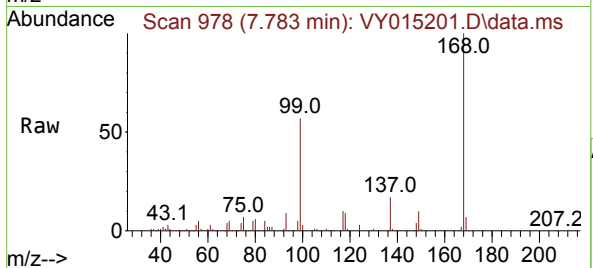
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Ion Ratio Lower Upper  
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111 102.5 81.3 121.9  
192 20.3 16.9 25.3



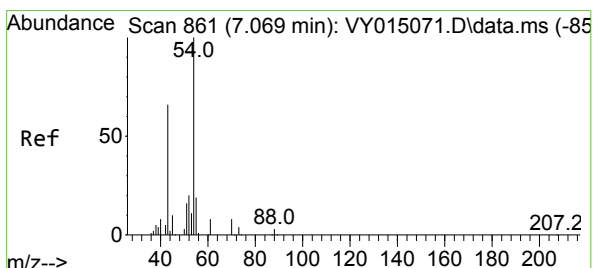
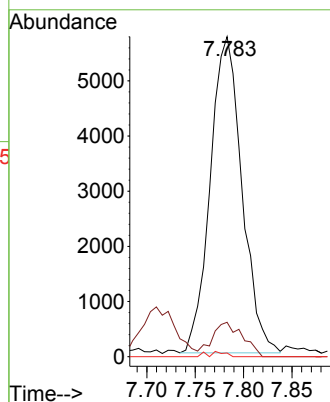
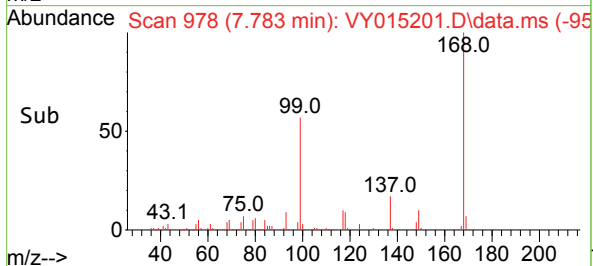


#36  
1,1-Dichloropropene  
Concen: 6.009 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.128 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

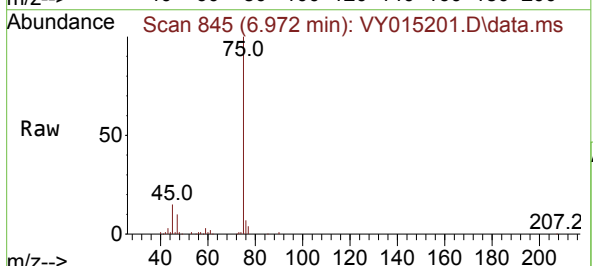
Instrument :  
MSVOA\_Y  
ClientSampleId :



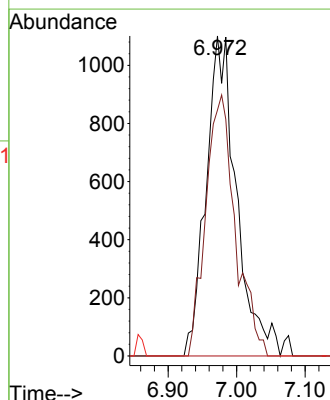
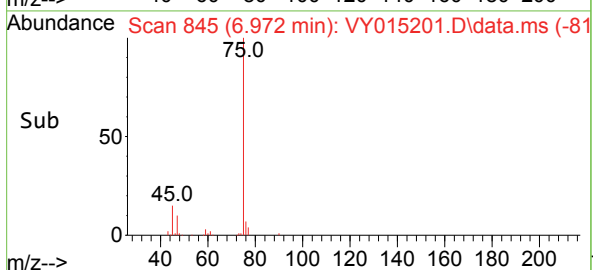
Tgt Ion: 75 Resp: 13086  
Ion Ratio Lower Upper  
75 100  
110 10.4 17.8 53.5#  
77 0.9 24.4 36.6#

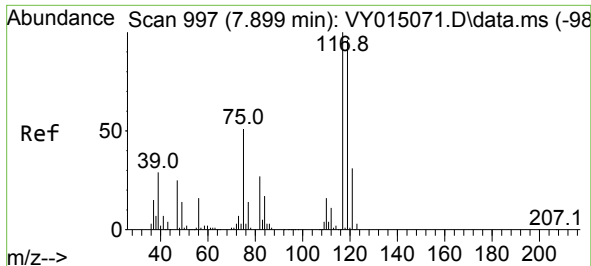


#37  
Ethyl Acetate  
Concen: 1.672 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. -0.097 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23



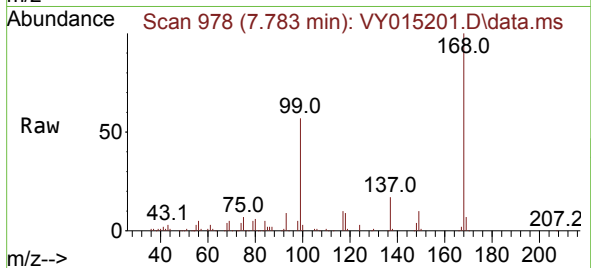
Tgt Ion: 43 Resp: 3394  
Ion Ratio Lower Upper  
43 100  
61 79.6 10.1 15.1#  
70 0.0 7.1 10.7#



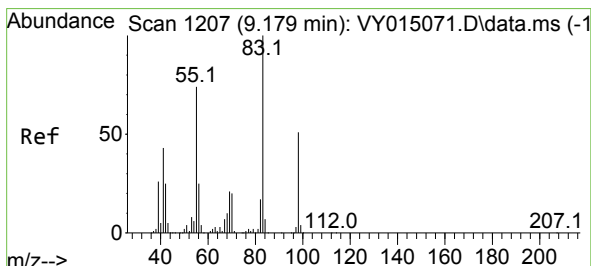
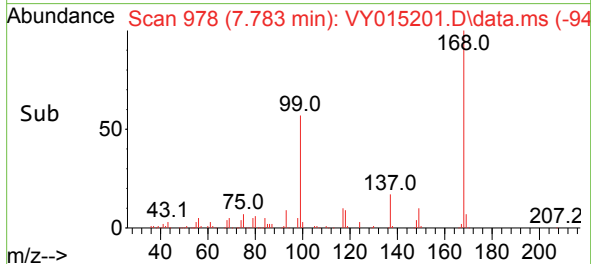
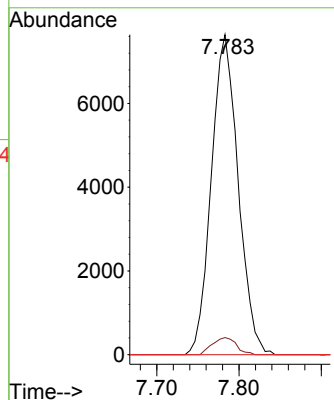


#38  
Carbon Tetrachloride  
Concen: 6.723 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.116 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

Instrument :  
MSVOA\_Y  
ClientSampleId :

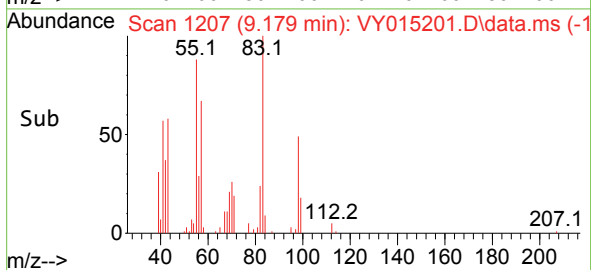
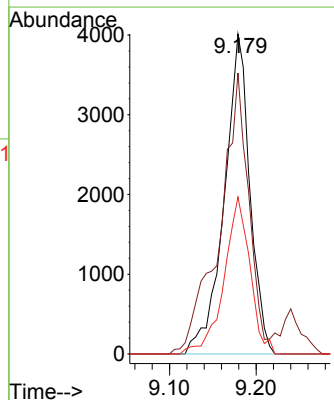
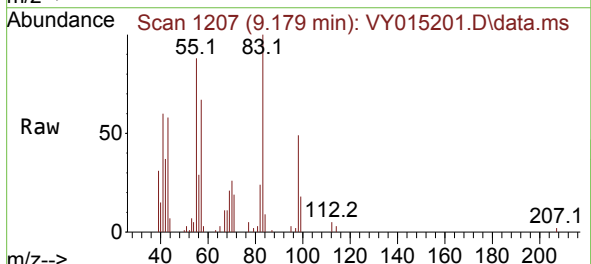


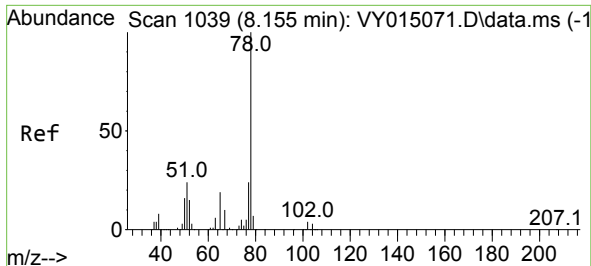
Tgt Ion:117 Resp: 17326  
Ion Ratio Lower Upper  
117 100  
119 5.3 76.4 114.6#  
121 0.0 25.8 38.6#



#39  
Methylcyclohexane  
Concen: 3.380 ug/l  
RT: 9.179 min Scan# 1207  
Delta R.T. 0.000 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

Tgt Ion: 83 Resp: 8251  
Ion Ratio Lower Upper  
83 100  
55 86.2 63.0 94.4  
98 49.1 37.4 56.2

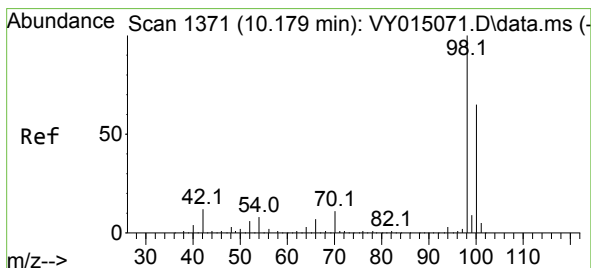
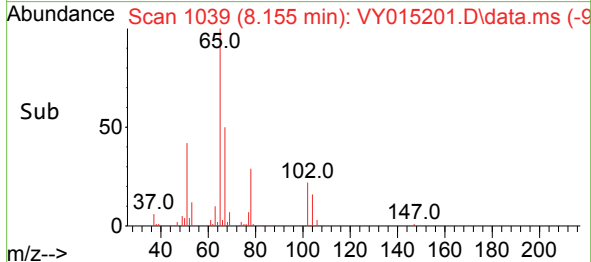
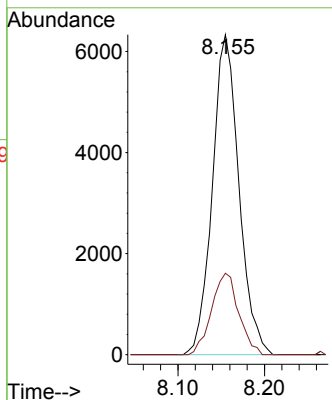
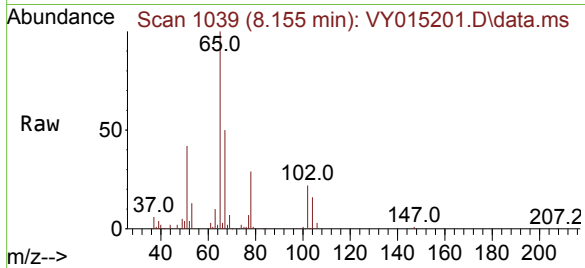




#40  
Benzene  
Concen: 2.049 ug/l  
RT: 8.155 min Scan# 1039  
Delta R.T. 0.000 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

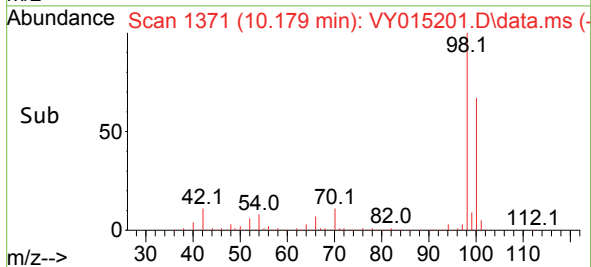
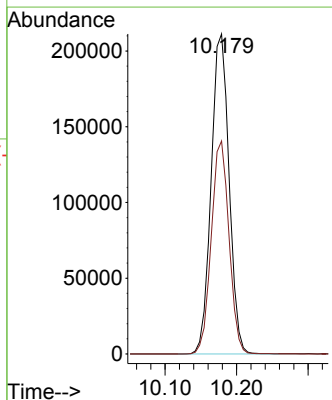
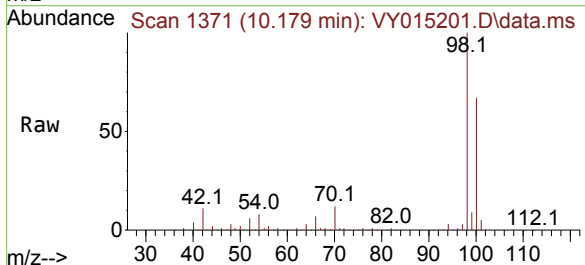
Instrument :  
MSVOA\_Y  
ClientSampleId :

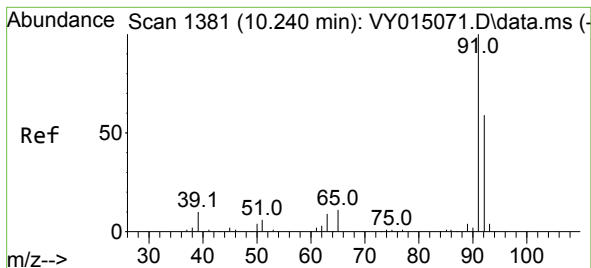
Tgt Ion: 78 Resp: 13492  
Ion Ratio Lower Upper  
78 100  
77 25.4 19.0 28.6



#50  
Toluene-d8  
Concen: 50.055 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. 0.000 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

Tgt Ion: 98 Resp: 366782  
Ion Ratio Lower Upper  
98 100  
100 65.9 50.1 75.1





#52

Toluene

Concen: 196.753 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY015201.D

Acq: 18 Aug 2023 17:23

Instrument :

MSVOA\_Y

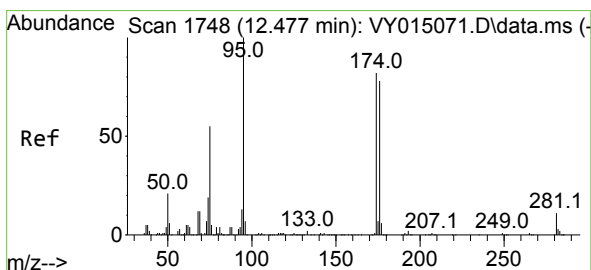
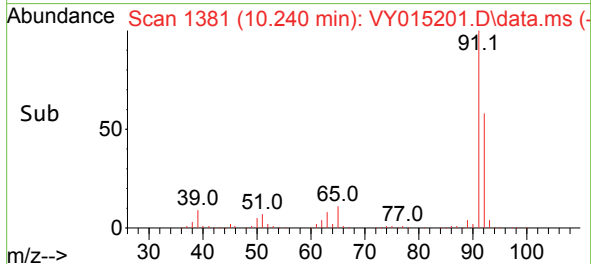
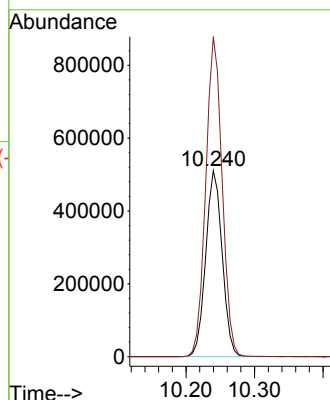
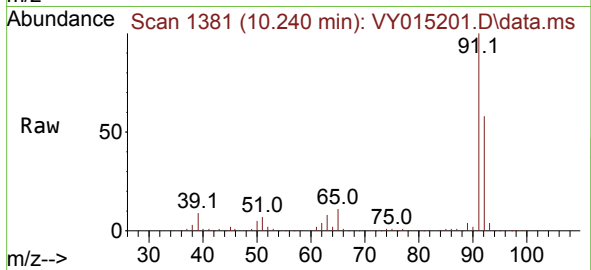
ClientSampleId :

Tgt Ion: 92 Resp: 853816

Ion Ratio Lower Upper

92 100

91 171.1 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 55.245 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015201.D

Acq: 18 Aug 2023 17:23

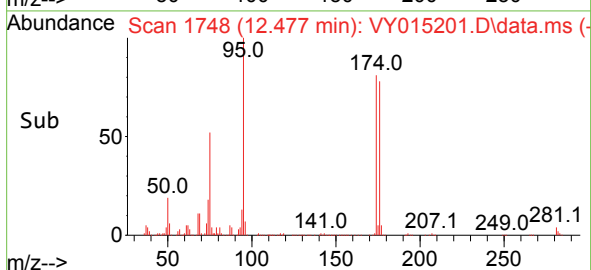
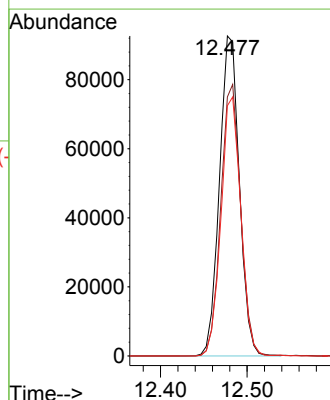
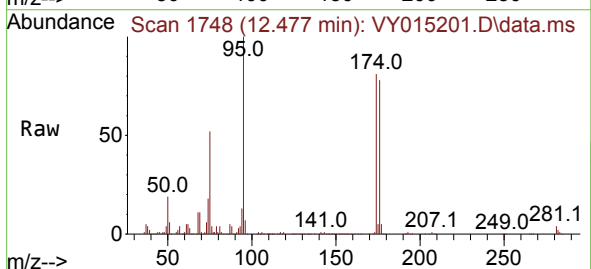
Tgt Ion: 95 Resp: 147855

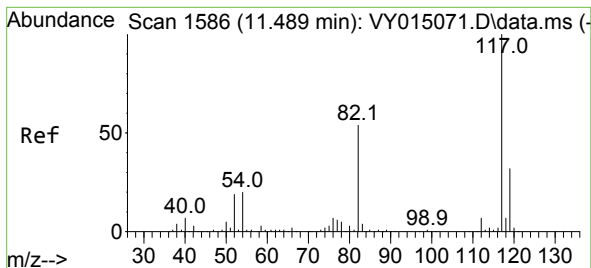
Ion Ratio Lower Upper

95 100

174 84.6 0.0 178.2

176 80.9 0.0 173.8

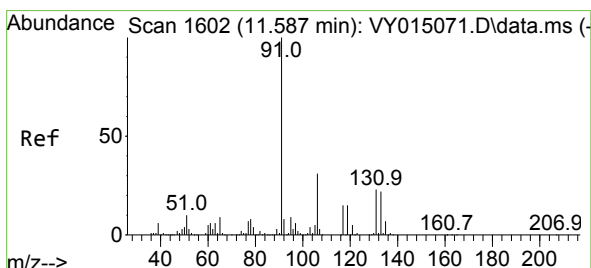
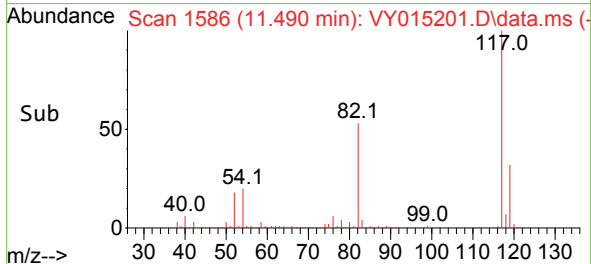
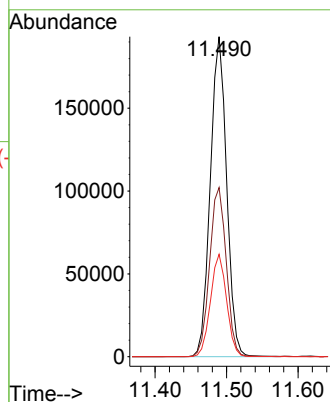
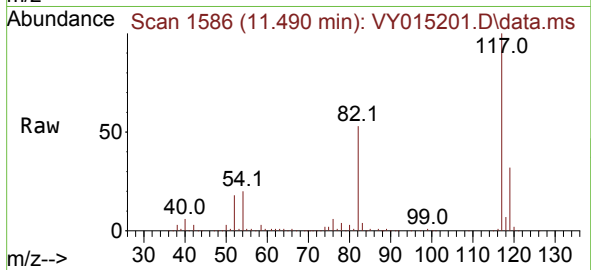




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

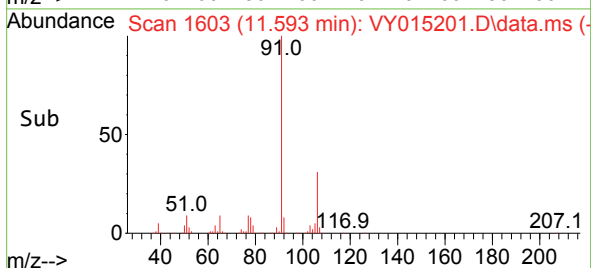
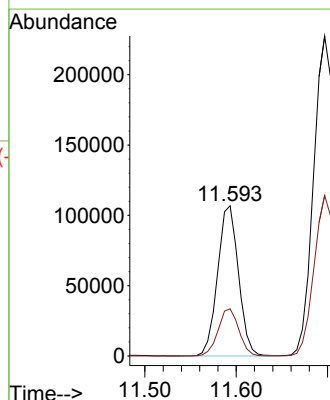
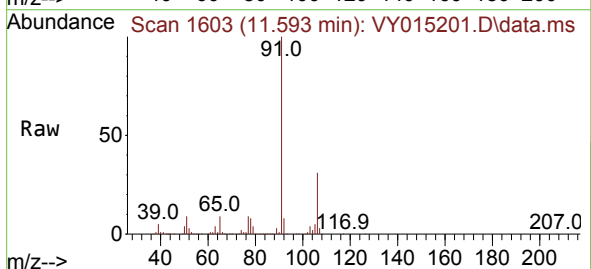
Instrument :  
MSVOA\_Y  
ClientSampleId :

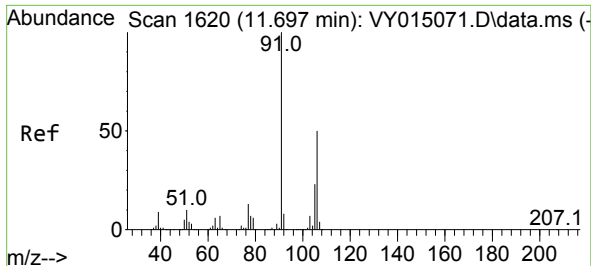
Tgt Ion:117 Resp: 306146  
Ion Ratio Lower Upper  
117 100  
82 52.8 43.4 65.0  
119 32.0 26.3 39.5



#67  
Ethyl Benzene  
Concen: 17.393 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.006 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

Tgt Ion: 91 Resp: 169986  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.6 36.8

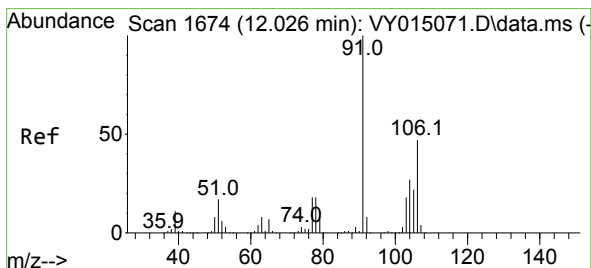
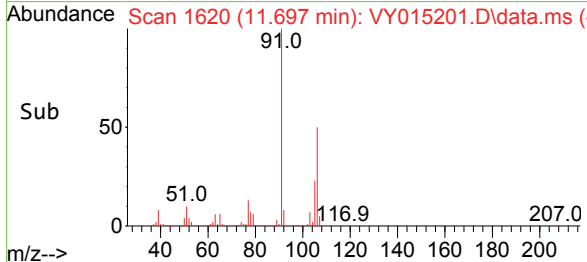
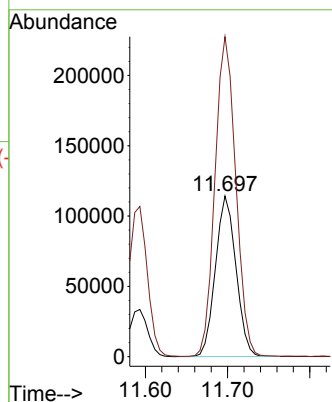
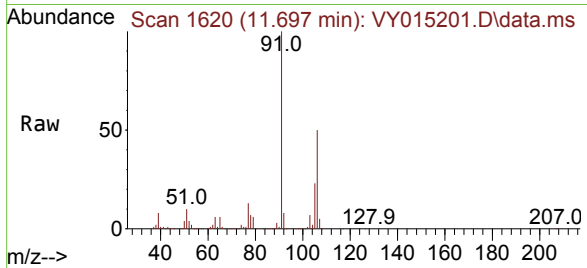




#68  
m/p-Xylenes  
Concen: 53.408 ug/l  
RT: 11.697 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

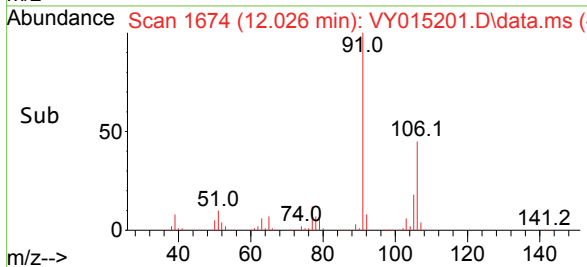
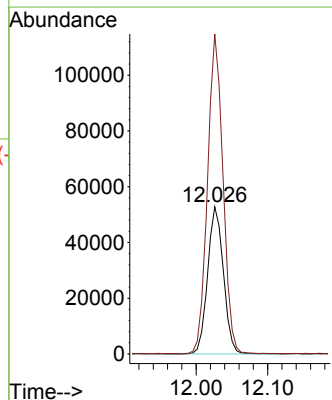
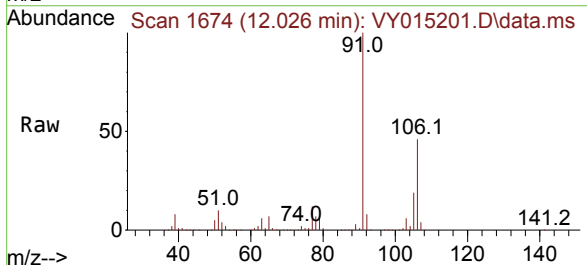
Instrument :  
MSVOA\_Y  
ClientSampleId :

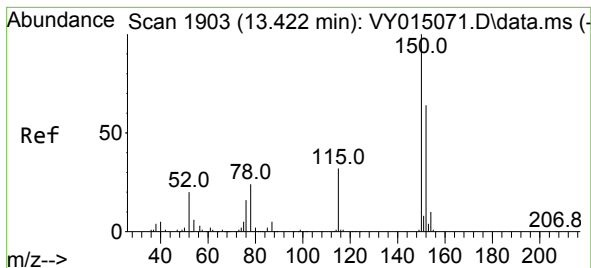
Tgt Ion:106 Resp: 198246  
Ion Ratio Lower Upper  
106 100  
91 202.1 166.1 249.1



#69  
o-Xylene  
Concen: 21.870 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

Tgt Ion:106 Resp: 80869  
Ion Ratio Lower Upper  
106 100  
91 213.5 108.1 324.3

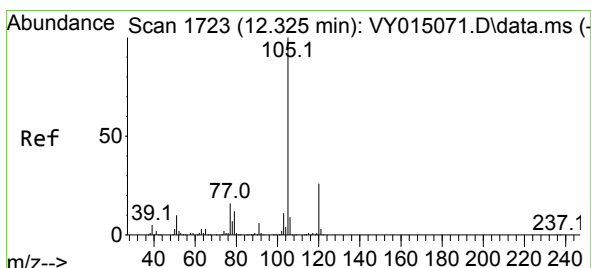
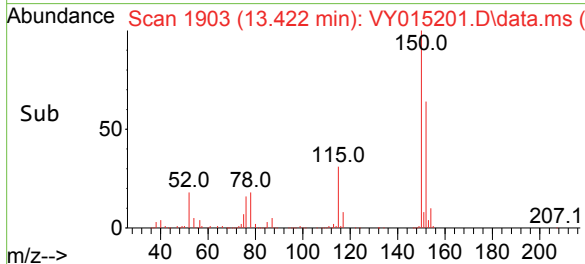
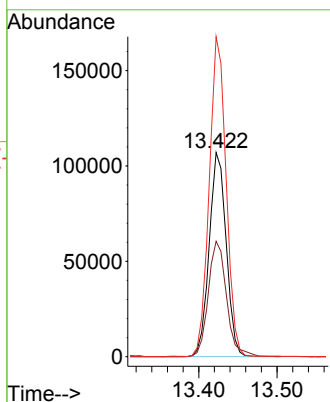
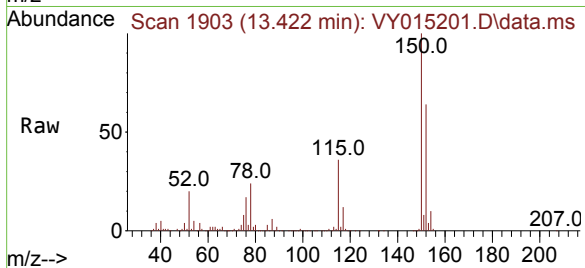




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

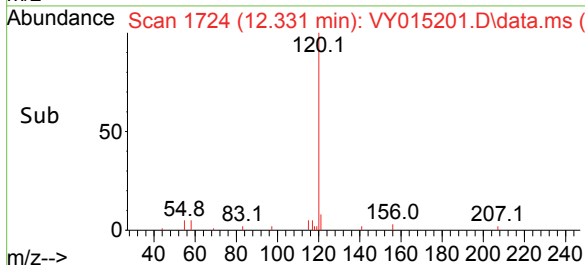
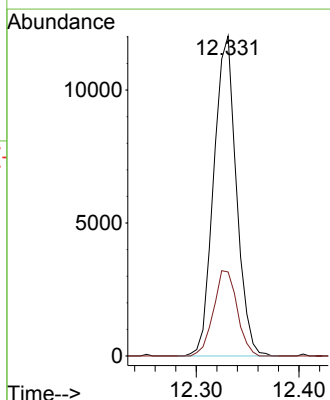
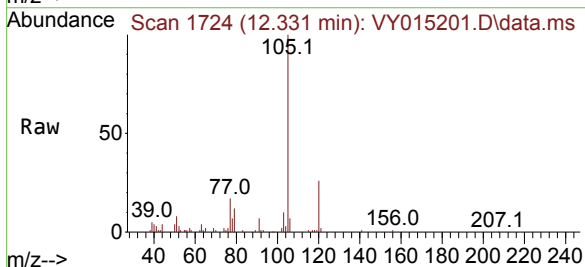
Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:152 Resp: 161479  
Ion Ratio Lower Upper  
152 100  
115 60.5 28.8 86.5  
150 155.5 0.0 348.8

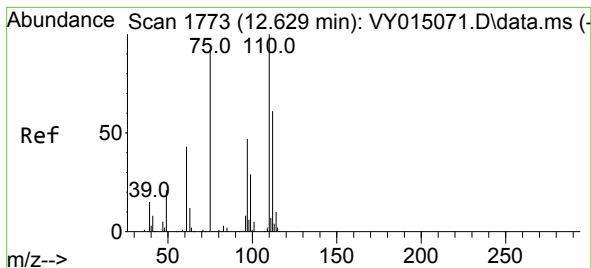


#73  
Isopropylbenzene  
Concen: 1.767 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. 0.006 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

Tgt Ion:105 Resp: 18353  
Ion Ratio Lower Upper  
105 100  
120 27.9 13.3 39.9







#76

1,2,3-Trichloropropane

Concen: 40.053 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015201.D

Acq: 18 Aug 2023 17:23

Instrument :

MSVOA\_Y

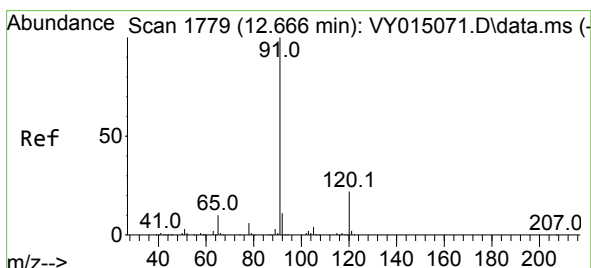
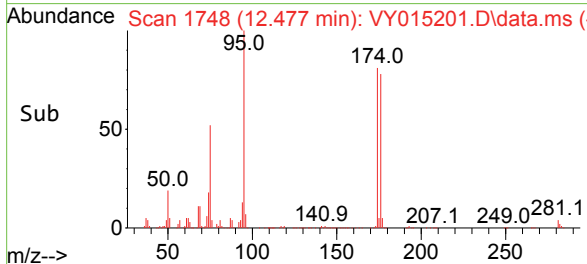
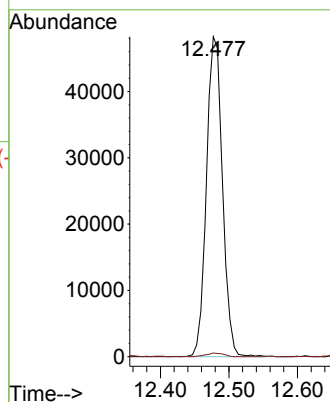
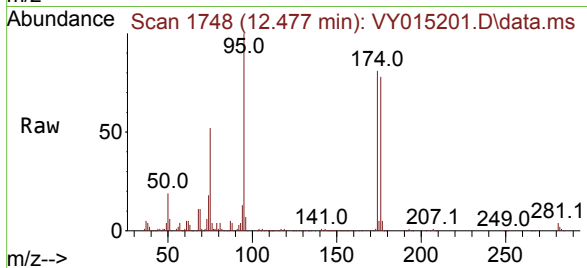
ClientSampleId :

Tgt Ion: 75 Resp: 78578

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#78

n-propylbenzene

Concen: 5.900 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY015201.D

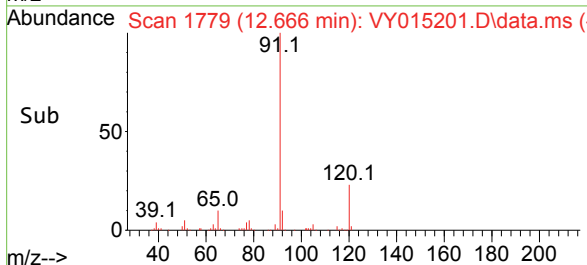
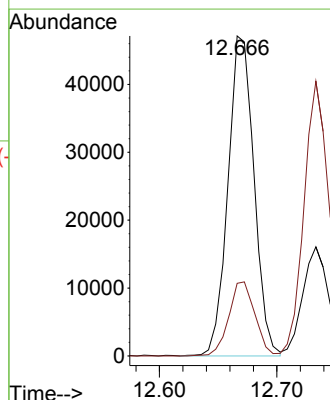
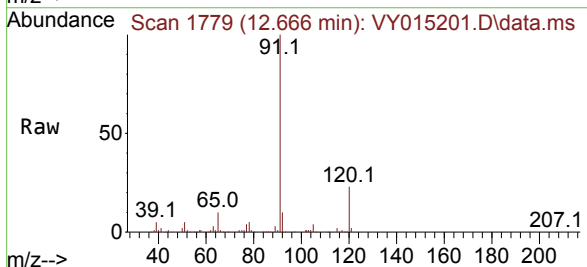
Acq: 18 Aug 2023 17:23

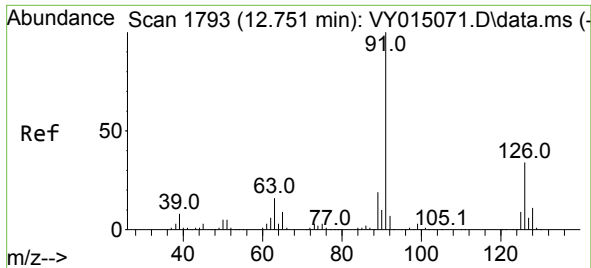
Tgt Ion: 91 Resp: 72748

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

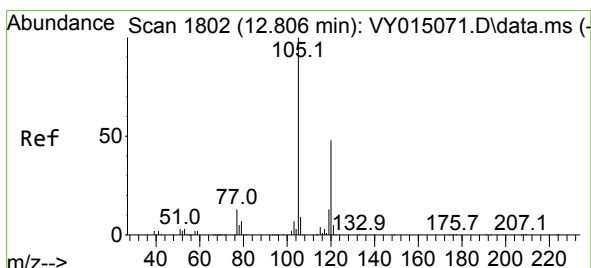
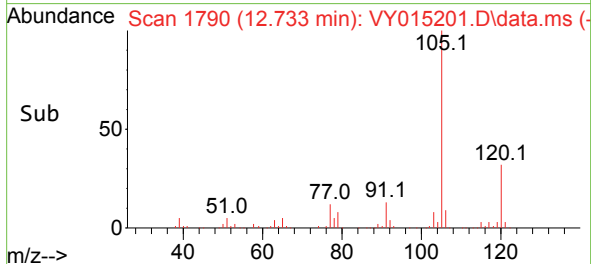
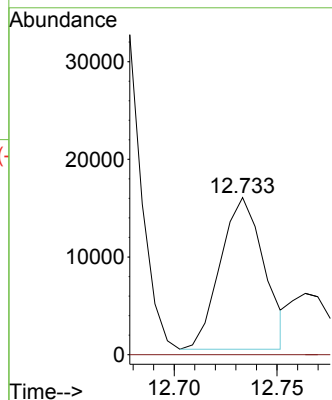
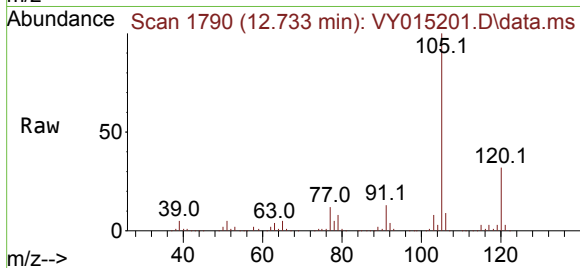




#79  
2-Chlorotoluene  
Concen: 3.237 ug/l  
RT: 12.733 min Scan# 1790  
Delta R.T. -0.018 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

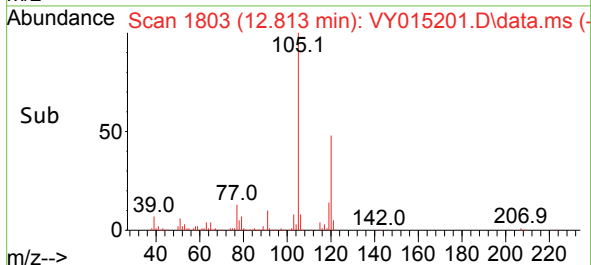
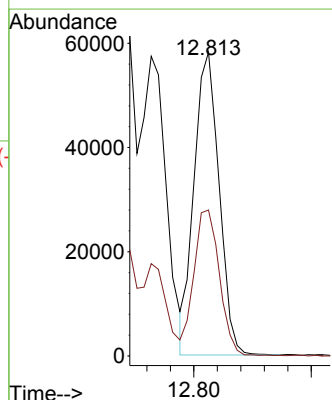
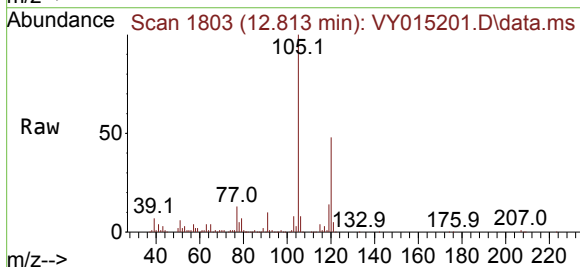
Instrument :  
MSVOA\_Y  
ClientSampleId :

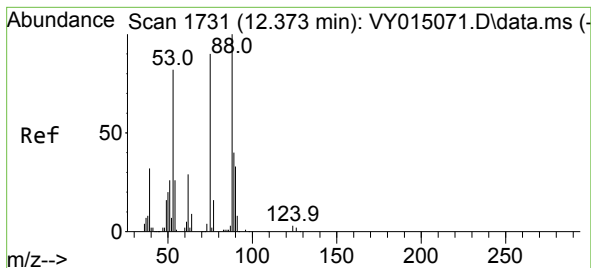
Tgt Ion: 91 Resp: 23022  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.3 51.7#



#80  
1,3,5-Trimethylbenzene  
Concen: 9.907 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

Tgt Ion:105 Resp: 85748  
Ion Ratio Lower Upper  
105 100  
120 49.4 23.9 71.7

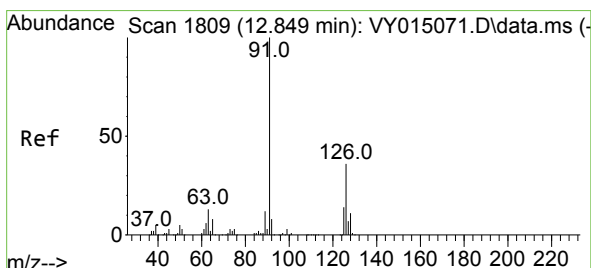
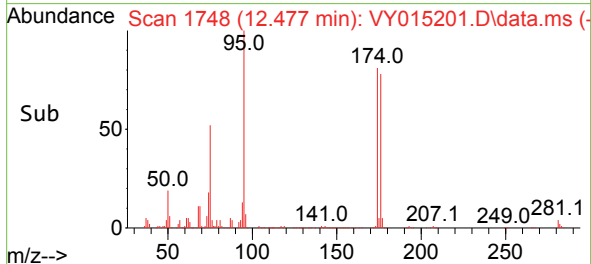
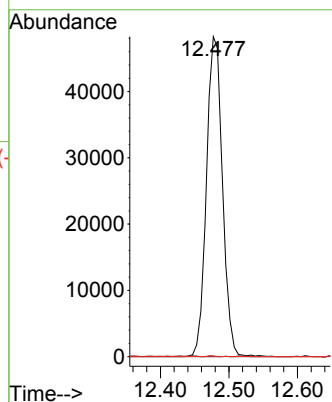
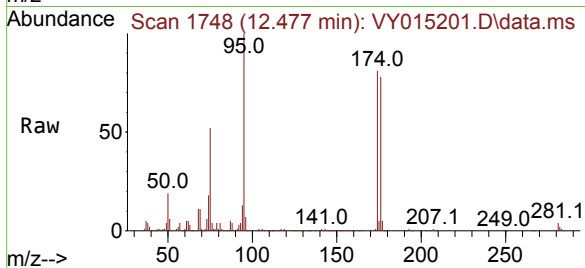




#81  
trans-1,4-Dichloro-2-butene  
Concen: 87.976 ug/l  
RT: 12.477 min Scan# 11  
Delta R.T. 0.104 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

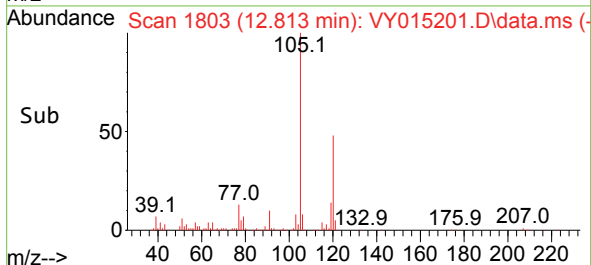
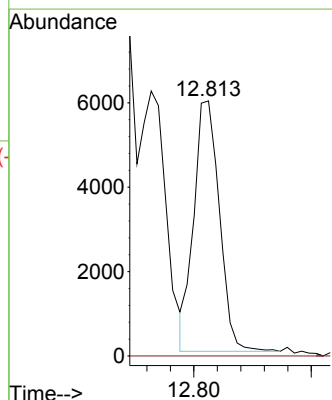
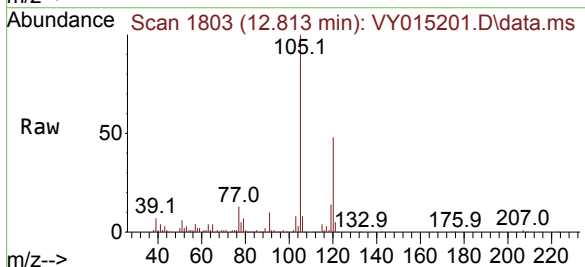
Instrument :  
MSVOA\_Y  
ClientSampleId :

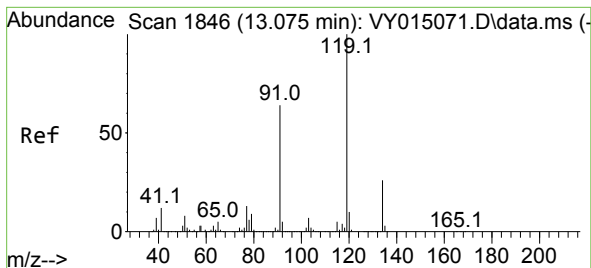
Tgt Ion: 75 Resp: 78578  
Ion Ratio Lower Upper  
75 100  
53 0.0 77.8 116.8#  
89 0.2 37.4 56.0#



#82  
4-Chlorotoluene  
Concen: 1.224 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. -0.043 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

Tgt Ion: 91 Resp: 8997  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.2 51.6#





#83

tert-Butylbenzene

Concen: 5.362 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.043 min

Lab File: VY015201.D

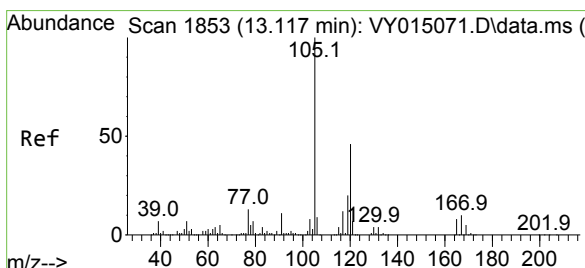
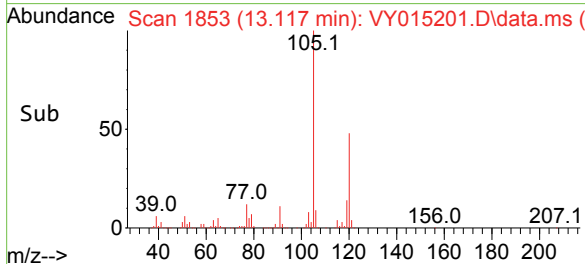
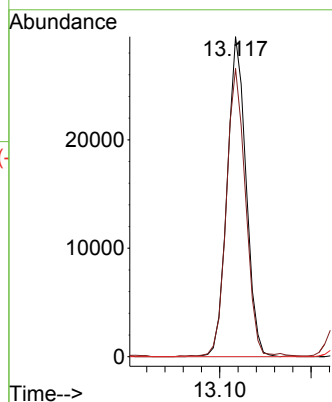
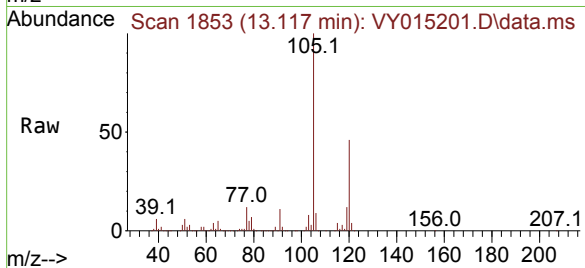
Acq: 18 Aug 2023 17:23

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:119 | Resp: | 42448      |
| Ion Ratio   | Lower | Upper      |
| 119         | 100   |            |
| 91          | 92.3  | 32.9 98.6  |
| 134         | 0.0   | 13.0 38.9# |



#84

1,2,4-Trimethylbenzene

Concen: 40.264 ug/l

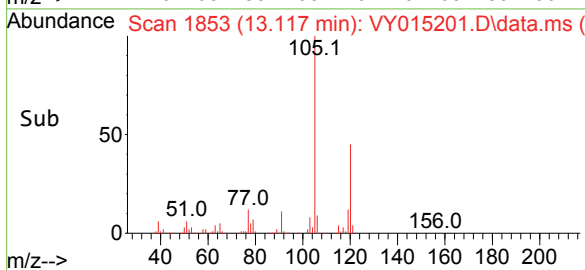
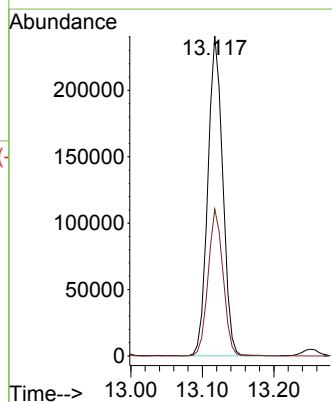
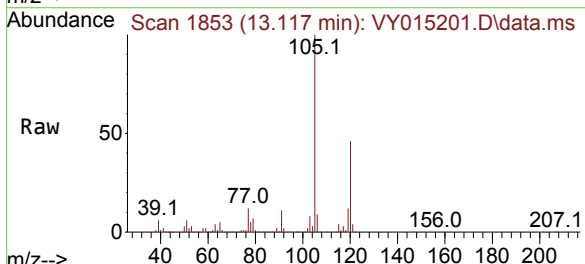
RT: 13.117 min Scan# 1853

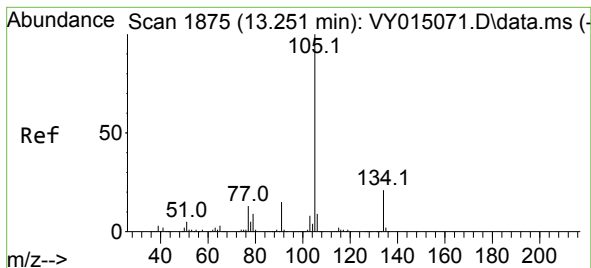
Delta R.T. 0.000 min

Lab File: VY015201.D

Acq: 18 Aug 2023 17:23

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 348248    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 120         | 46.1  | 22.2 66.6 |





#85

sec-Butylbenzene

Concen: 30.022 ug/l

RT: 13.117 min Scan# 11

Delta R.T. -0.134 min

Lab File: VY015201.D

Acq: 18 Aug 2023 17:23

Instrument :

MSVOA\_Y

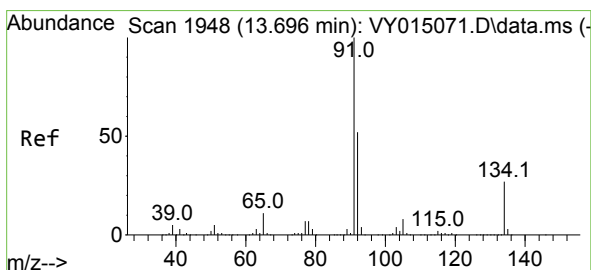
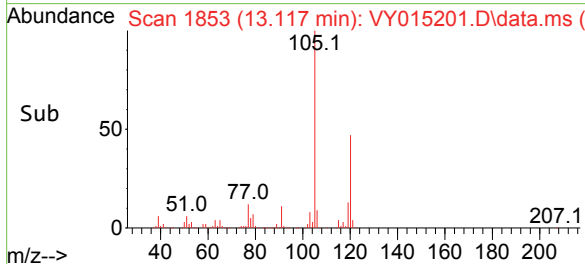
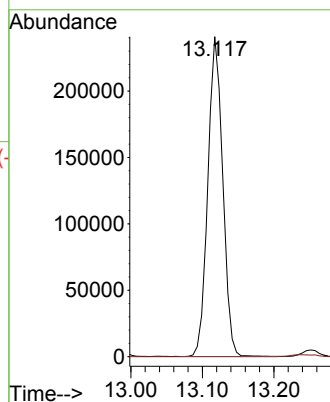
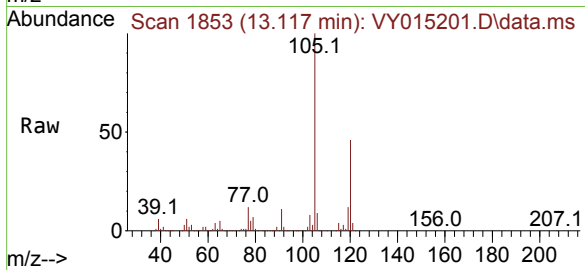
ClientSampleId :

Tgt Ion:105 Resp: 348248

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#



#89

n-Butylbenzene

Concen: 1.749 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015201.D

Acq: 18 Aug 2023 17:23

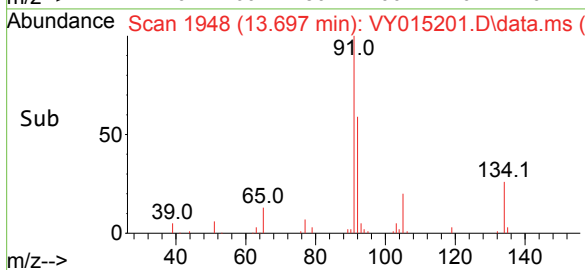
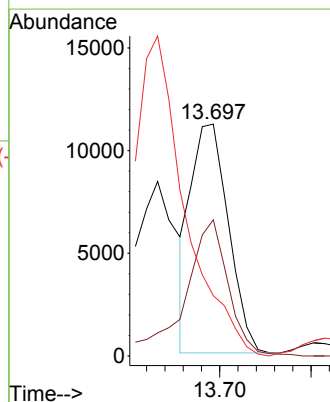
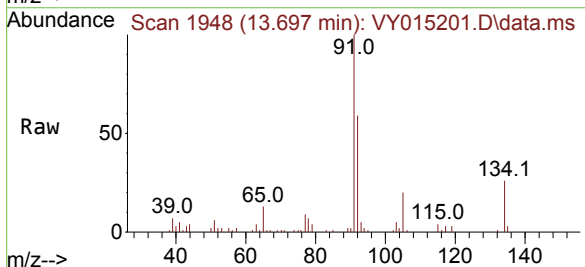
Tgt Ion: 91 Resp: 15859

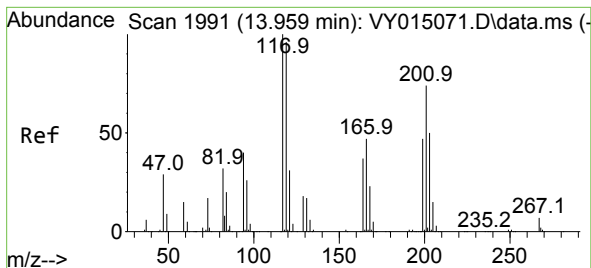
Ion Ratio Lower Upper

91 100

92 68.5 25.4 76.0

134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 3.401 ug/l

RT: 13.971 min Scan# 1991

Delta R.T. 0.012 min

Lab File: VY015201.D

Acq: 18 Aug 2023 17:23

Instrument :

MSVOA\_Y

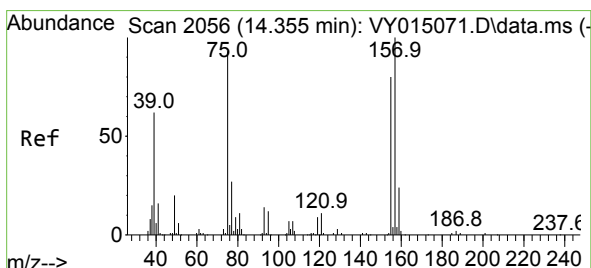
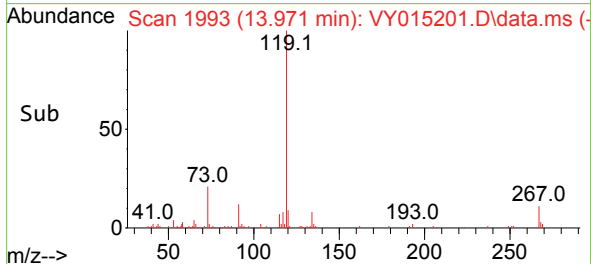
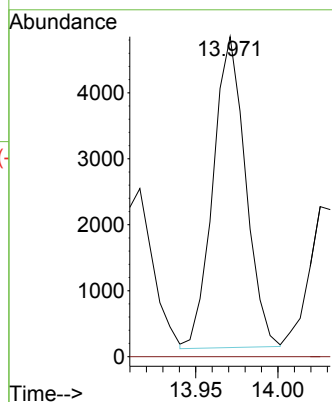
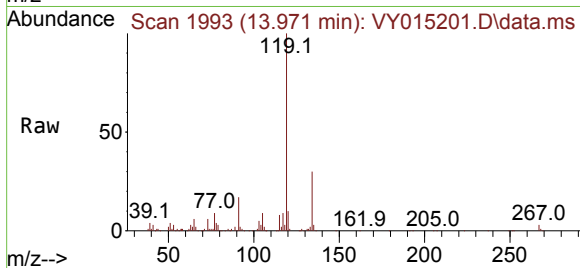
ClientSampleId :

Tgt Ion:117 Resp: 6488

Ion Ratio Lower Upper

117 100

201 0.0 41.6 124.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.122 ug/l

RT: 14.337 min Scan# 2053

Delta R.T. -0.018 min

Lab File: VY015201.D

Acq: 18 Aug 2023 17:23

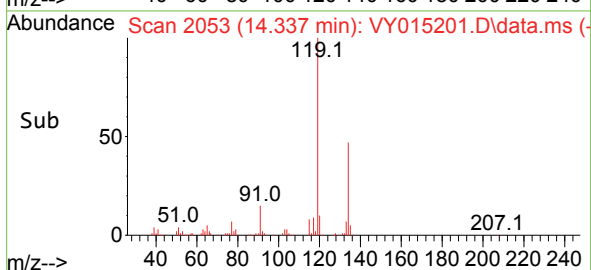
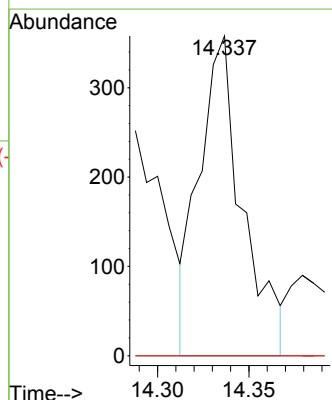
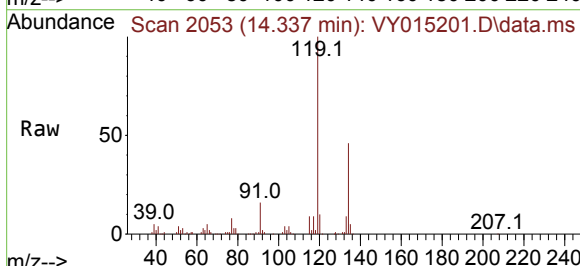
Tgt Ion: 75 Resp: 588

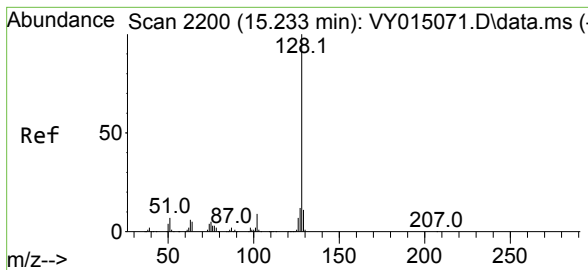
Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

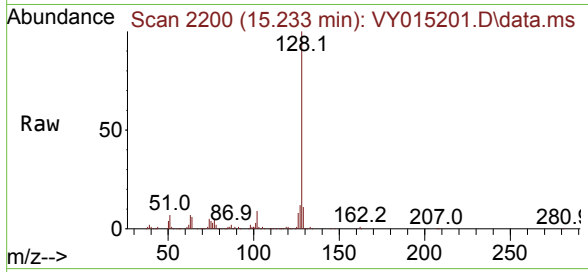
157 0.0 51.8 155.5#





#95  
Naphthalene  
Concen: 14.649 ug/l  
RT: 15.233 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VY015201.D  
Acq: 18 Aug 2023 17:23

Instrument :  
MSVOA\_Y  
ClientSampleId :



Tgt Ion:128 Resp: 109872  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.8 16.2  
129 11.0 8.6 13.0

