

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY021825\  
 Data File : VY021233.D  
 Acq On : 18 Feb 2025 16:15  
 Operator : SY/MD  
 Sample : Q1372-02  
 Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Feb 19 04:15:47 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 03 13:08:38 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.719  | 168  | 175276   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.621  | 114  | 338180   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.420 | 117  | 327582   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.352 | 152  | 136016   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 105951   | 58.998   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 118.000% |      |
| 35) Dibromofluoromethane    | 7.646  | 113   | 108904   | 50.249   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 100.500% |      |
| 50) Toluene-d8              | 10.109 | 98    | 419526   | 50.846   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 101.700% |      |
| 62) 4-Bromofluorobenzene    | 12.407 | 95    | 145232   | 53.878   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 107.760% |      |

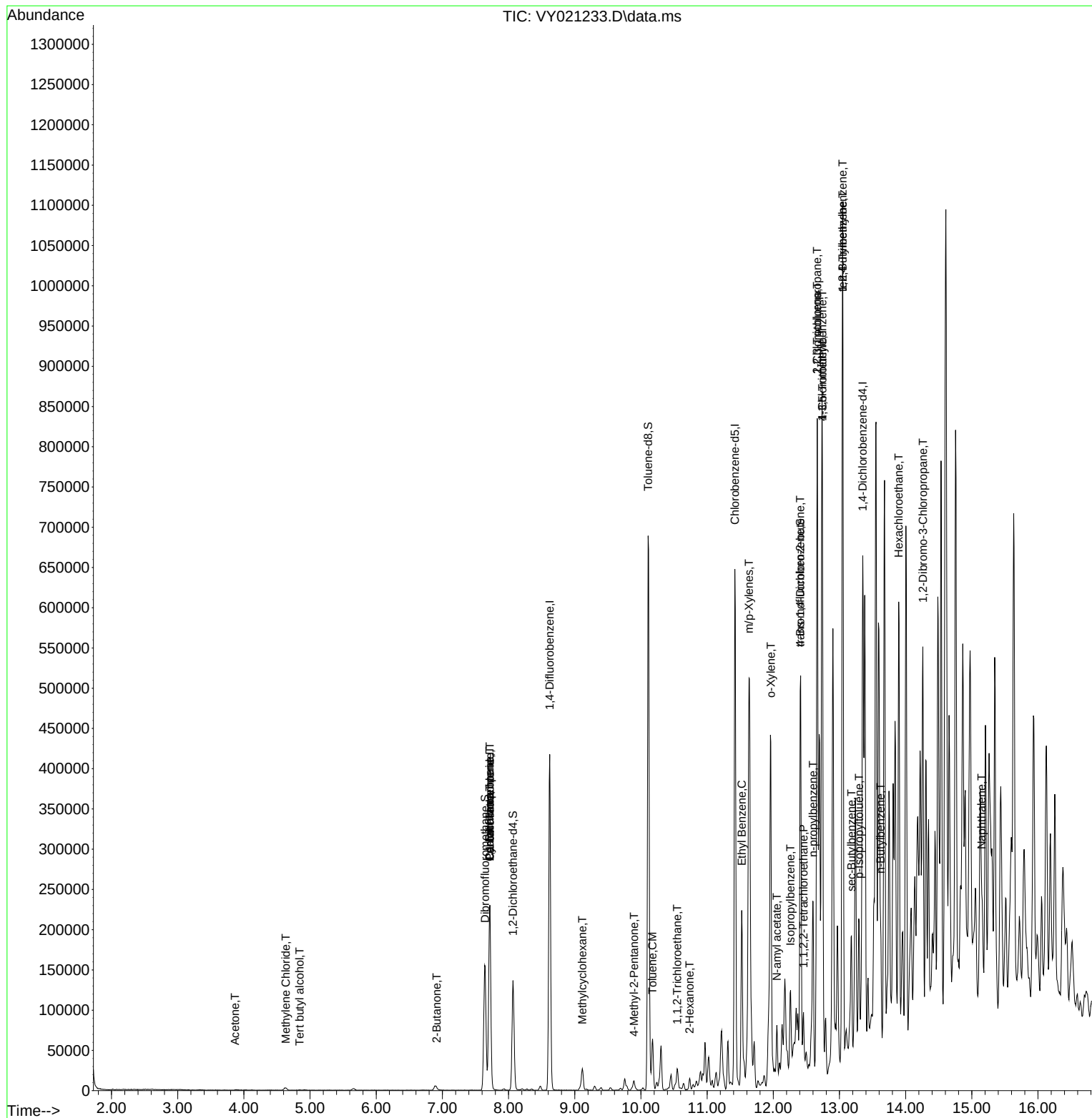
|                               |        |     |        |         |        |     |
|-------------------------------|--------|-----|--------|---------|--------|-----|
| Target Compounds              |        |     |        |         | Qvalue |     |
| 11) Tert butyl alcohol        | 4.842  | 59  | 393    | 3.229   | ug/l # | 75  |
| 16) Acetone                   | 3.866  | 43  | 620    | 2.214   | ug/l # | 74  |
| 20) Methylene Chloride        | 4.634  | 84  | 2452   | 1.408   | ug/l # | 80  |
| 25) 2-Butanone                | 6.914  | 43  | 465    | 1.010   | ug/l # | 48  |
| 31) Cyclohexane               | 7.713  | 56  | 4941   | 1.613   | ug/l # | 1   |
| 36) 1,1-Dichloropropene       | 7.713  | 75  | 14051  | 4.377   | ug/l # | 50  |
| 38) Carbon Tetrachloride      | 7.719  | 117 | 18648  | 4.972   | ug/l # | 17  |
| 39) Methylcyclohexane         | 9.115  | 83  | 10141  | 2.583   | ug/l   | 95  |
| 51) 4-Methyl-2-Pentanone      | 9.896  | 43  | 5065   | 3.599   | ug/l # | 40  |
| 52) Toluene                   | 10.176 | 92  | 25660  | 4.338   | ug/l   | 99  |
| 55) 1,1,2-Trichloroethane     | 10.548 | 97  | 9161   | 5.714   | ug/l # | 20  |
| 59) 2-Hexanone                | 10.737 | 43  | 5461   | 6.028   | ug/l # | 26  |
| 67) Ethyl Benzene             | 11.523 | 91  | 139037 | 10.777  | ug/l   | 100 |
| 68) m/p-Xylenes               | 11.633 | 106 | 116454 | 24.128  | ug/l   | 96  |
| 69) o-Xylene                  | 11.962 | 106 | 100093 | 22.244  | ug/l   | 94  |
| 73) Isopropylbenzene          | 12.261 | 105 | 58263  | 5.484   | ug/l   | 100 |
| 74) N-amyl acetate            | 12.054 | 43  | 13400  | 5.769   | ug/l # | 58  |
| 75) 1,1,2,2-Tetrachloroethane | 12.456 | 83  | 1943   | 1.100   | ug/l # | 87  |
| 76) 1,2,3-Trichloropropane    | 12.663 | 75  | 4266   | 3.458   | ug/l # | 100 |
| 78) n-propylbenzene           | 12.602 | 91  | 156793 | 12.388  | ug/l   | 99  |
| 79) 2-Chlorotoluene           | 12.663 | 91  | 58485  | 8.068   | ug/l # | 41  |
| 80) 1,3,5-Trimethylbenzene    | 12.743 | 105 | 186883 | 21.695  | ug/l   | 98  |
| 81) trans-1,4-Dichloro-2-b... | 12.407 | 75  | 80364  | 132.904 | ug/l # | 13  |
| 82) 4-Chlorotoluene           | 12.743 | 91  | 21547  | 2.917   | ug/l # | 45  |
| 83) tert-Butylbenzene         | 13.047 | 119 | 64951  | 8.295   | ug/l # | 61  |
| 84) 1,2,4-Trimethylbenzene    | 13.047 | 105 | 527177 | 62.590  | ug/l   | 99  |
| 85) sec-Butylbenzene          | 13.182 | 105 | 80038  | 7.101   | ug/l   | 90  |
| 86) p-Isopropyltoluene        | 13.297 | 119 | 51495  | 5.500   | ug/l   | 100 |
| 89) n-Butylbenzene            | 13.621 | 91  | 56567  | 6.623   | ug/l # | 69  |
| 90) Hexachloroethane          | 13.895 | 117 | 24365  | 12.474  | ug/l # | 17  |
| 92) 1,2-Dibromo-3-Chloropr... | 14.261 | 75  | 1805   | 6.836   | ug/l # | 18  |
| 95) Naphthalene               | 15.151 | 128 | 51667  | 14.120  | ug/l # | 88  |

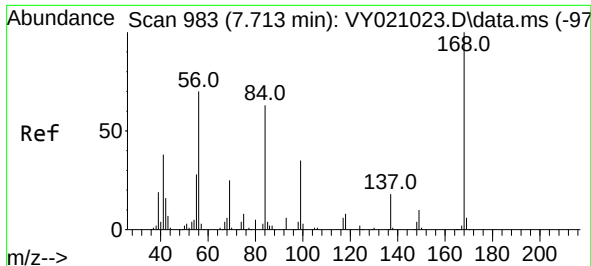
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY021825\  
Data File : VY021233.D  
Acq On : 18 Feb 2025 16:15  
Operator : SY/MD  
Sample : Q1372-02  
Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Feb 19 04:15:47 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 03 13:08:38 2025  
Response via : Initial Calibration

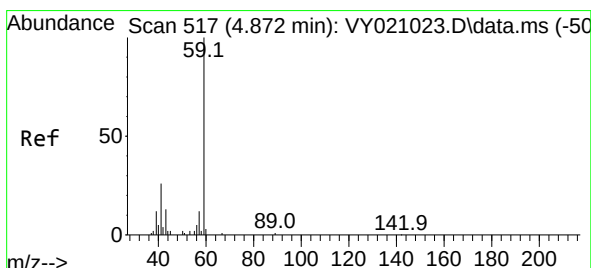
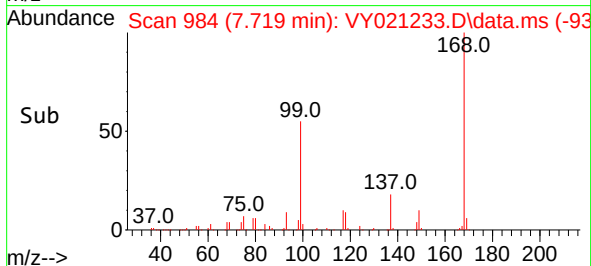
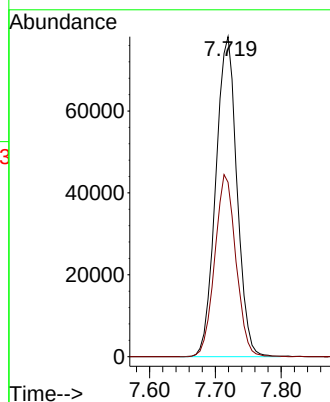
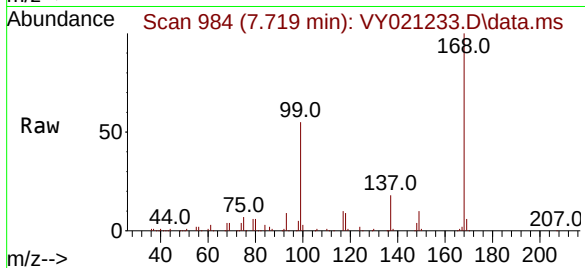




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.719 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

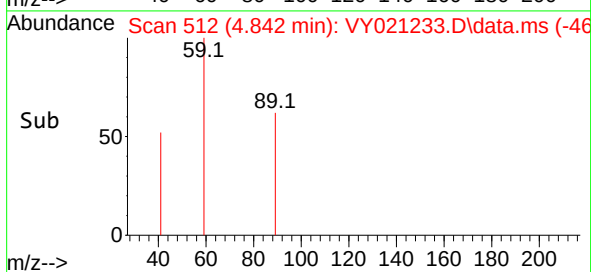
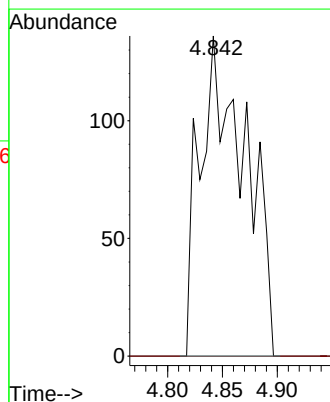
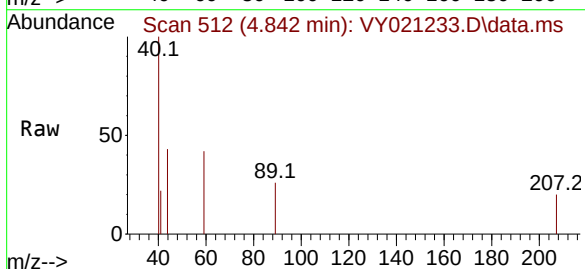
Instrument :  
MSVOA\_Y  
ClientSampleId :

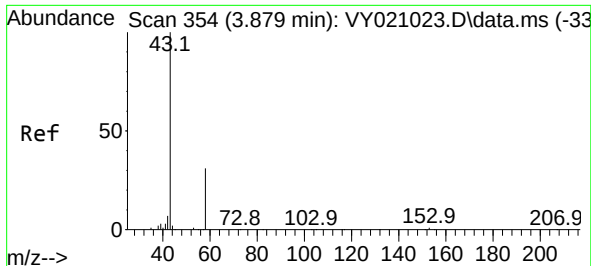
Tgt Ion:168 Resp: 175276  
Ion Ratio Lower Upper  
168 100  
99 54.5 44.2 66.4



#11  
Tert butyl alcohol  
Concen: 3.229 ug/l  
RT: 4.842 min Scan# 512  
Delta R.T. -0.031 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

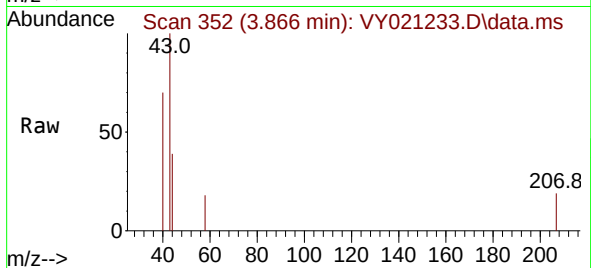
Tgt Ion: 59 Resp: 393  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.4 11.0#



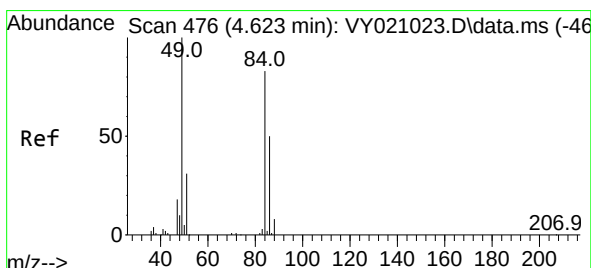
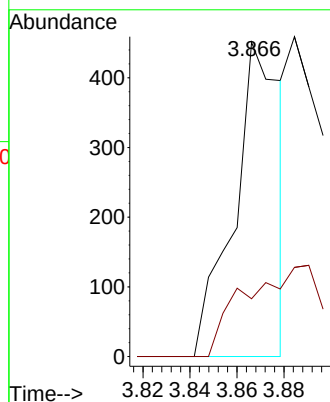
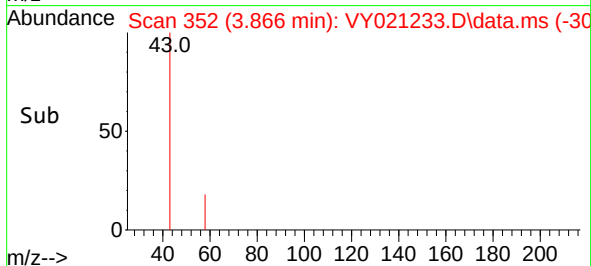


#16  
Acetone  
Concen: 2.214 ug/l  
RT: 3.866 min Scan# 31  
Delta R.T. -0.013 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

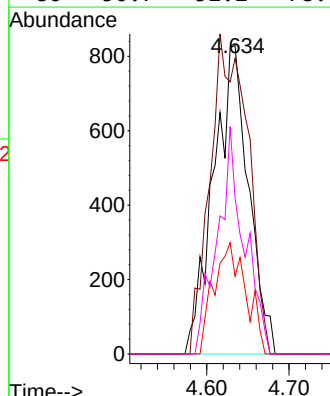
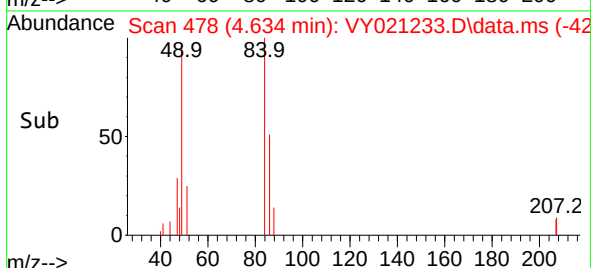
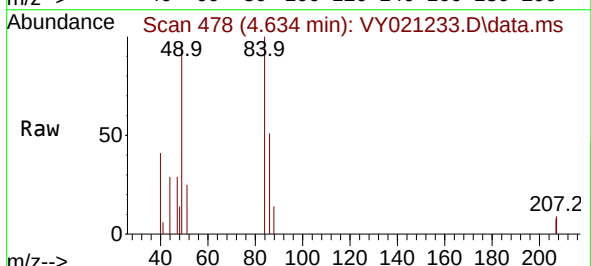


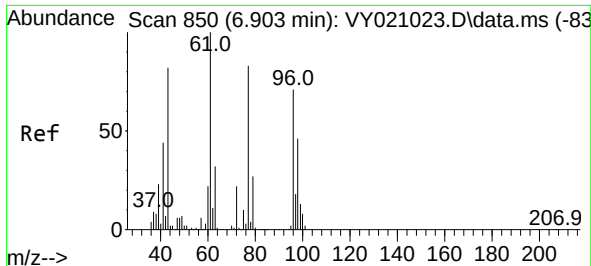
Tgt Ion: 43 Resp: 620  
Ion Ratio Lower Upper  
43 100  
58 18.4 26.6 39.8#



#20  
Methylene Chloride  
Concen: 1.408 ug/l  
RT: 4.634 min Scan# 478  
Delta R.T. 0.012 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

Tgt Ion: 84 Resp: 2452  
Ion Ratio Lower Upper  
84 100  
49 95.8 95.2 142.8  
51 25.2 29.9 44.9#  
86 50.7 52.2 78.4#

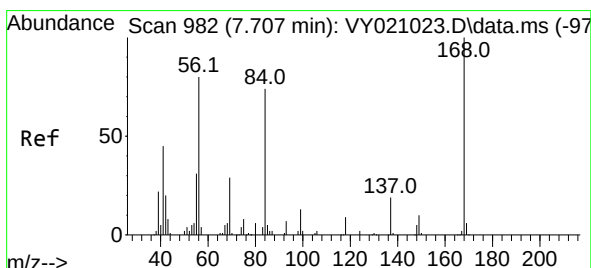
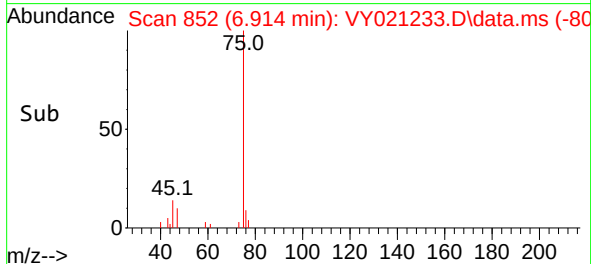
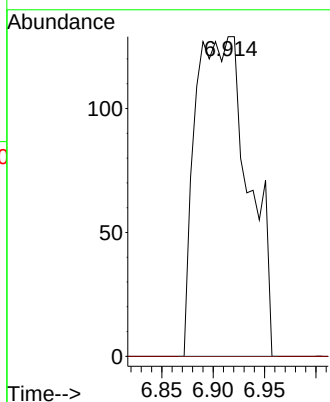
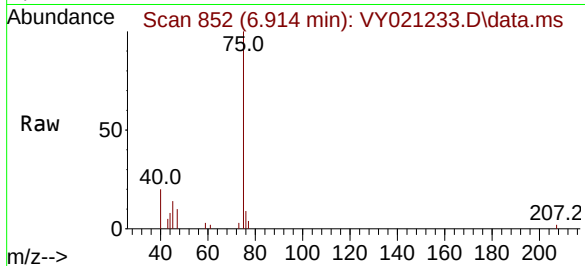




#25  
2-Butanone  
Concen: 1.010 ug/l  
RT: 6.914 min Scan# 850  
Delta R.T. 0.012 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

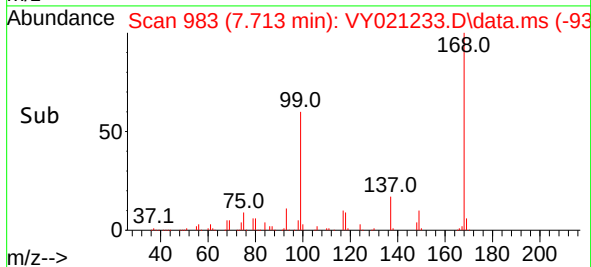
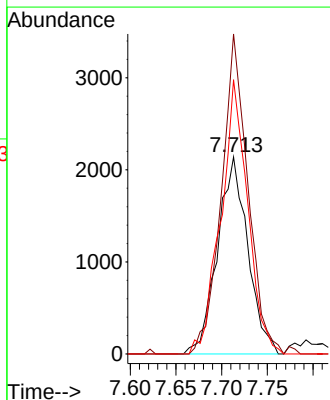
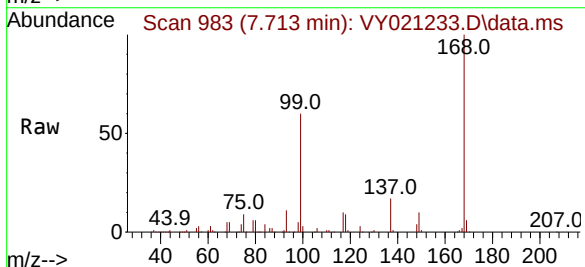
Instrument :  
MSVOA\_Y  
ClientSampleId :

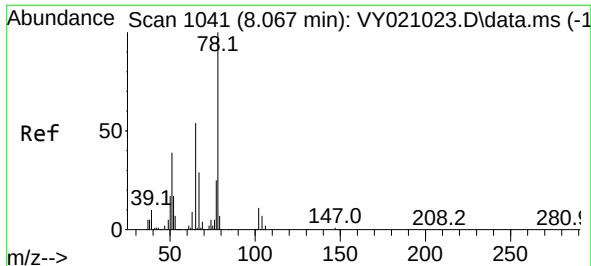
Tgt Ion: 43 Resp: 465  
Ion Ratio Lower Upper  
43 100  
72 0.0 21.4 32.2#



#31  
Cyclohexane  
Concen: 1.613 ug/l  
RT: 7.713 min Scan# 983  
Delta R.T. 0.006 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

Tgt Ion: 56 Resp: 4941  
Ion Ratio Lower Upper  
56 100  
69 162.5 27.0 40.6#  
84 139.3 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 58.998 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY021233.D

Acq: 18 Feb 2025 16:15

Instrument :

MSVOA\_Y

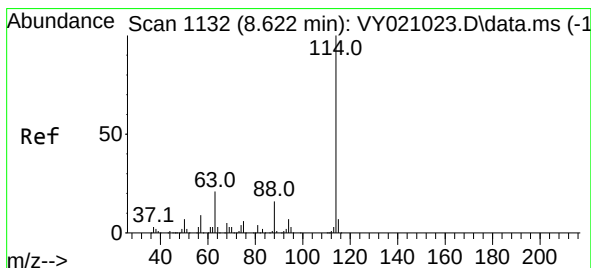
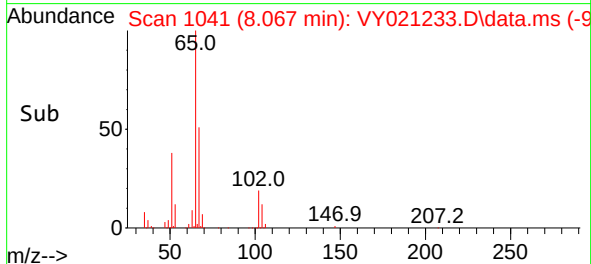
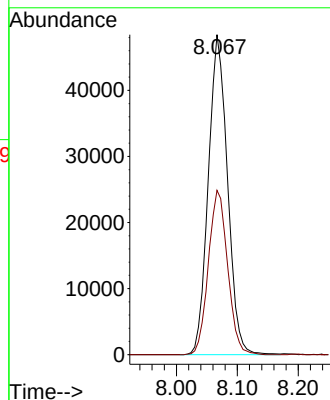
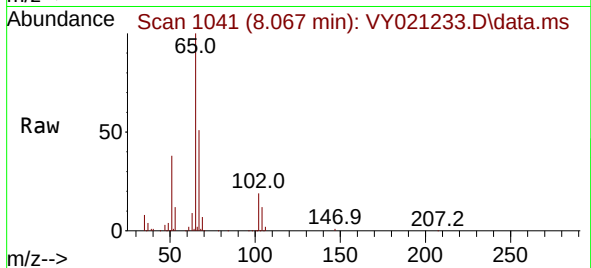
ClientSampleId :

Tgt Ion: 65 Resp: 105951

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021233.D

Acq: 18 Feb 2025 16:15

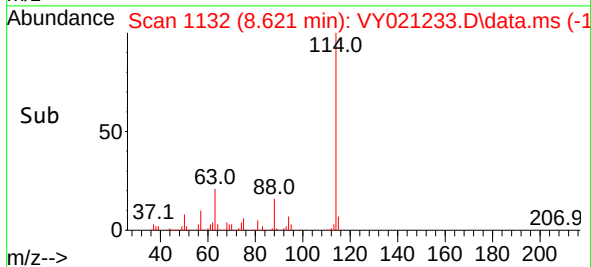
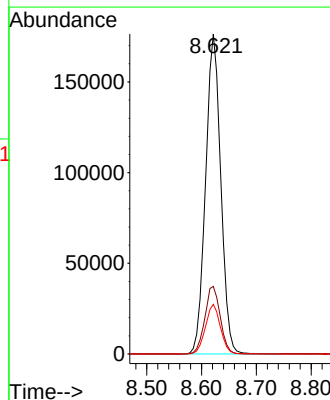
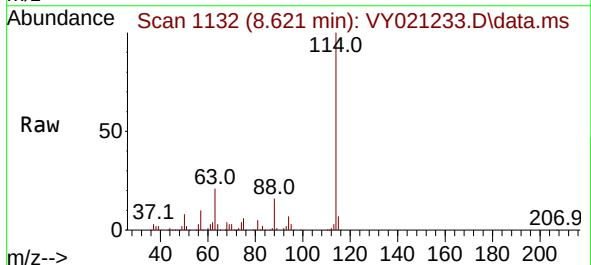
Tgt Ion: 114 Resp: 338180

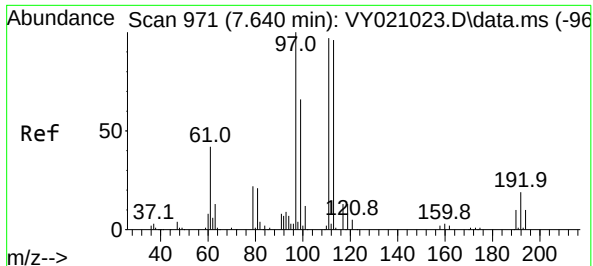
Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

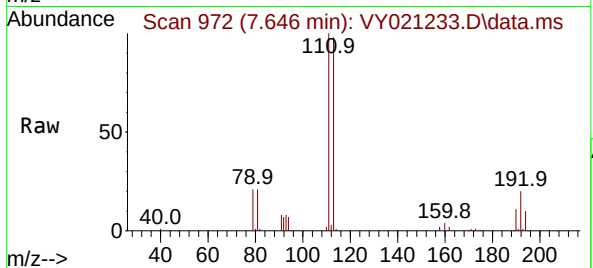
88 15.5 0.0 29.0



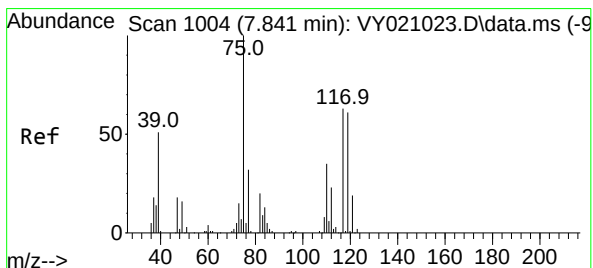
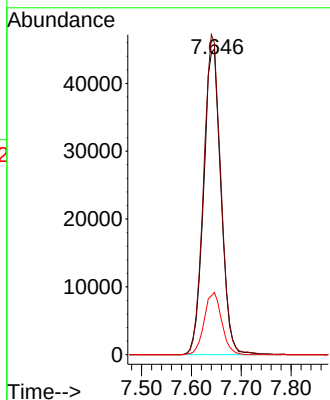
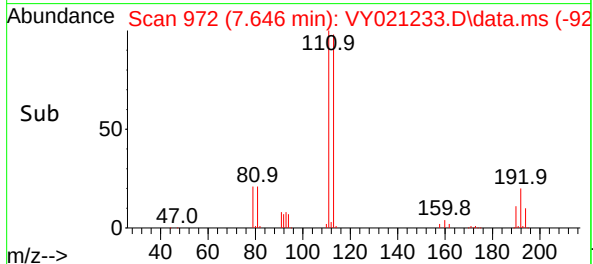


#35  
Dibromofluoromethane  
Concen: 50.249 ug/l  
RT: 7.646 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

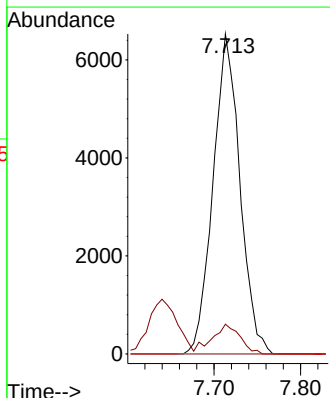
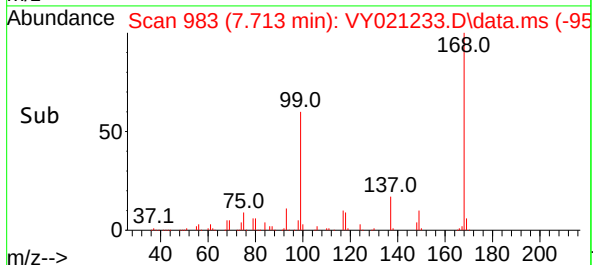
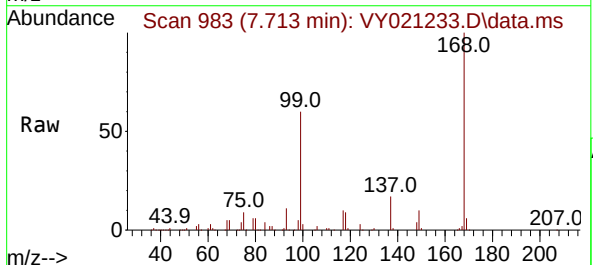


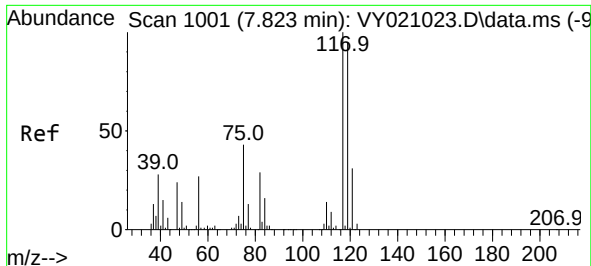
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Ion Ratio Lower Upper  
113 100  
111 104.0 83.8 125.6  
192 20.5 14.5 21.7



#36  
1,1-Dichloropropene  
Concen: 4.377 ug/l  
RT: 7.713 min Scan# 983  
Delta R.T. -0.128 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

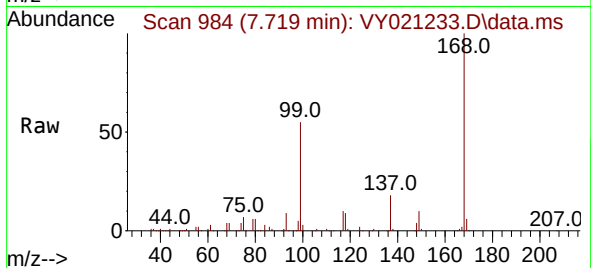
Tgt Ion: 75 Resp: 14051  
Ion Ratio Lower Upper  
75 100  
110 9.7 17.4 52.3#  
77 0.0 24.7 37.1#



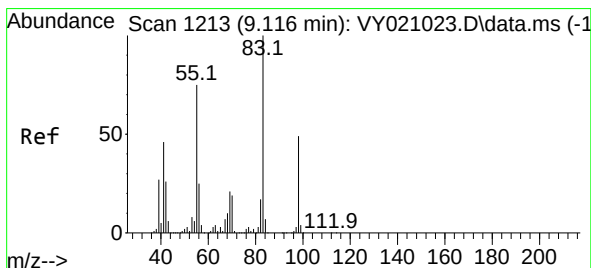
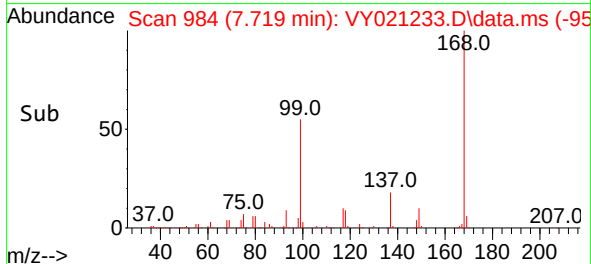
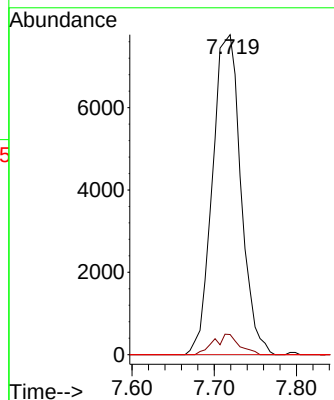


#38  
Carbon Tetrachloride  
Concen: 4.972 ug/l  
RT: 7.719 min Scan# 91  
Delta R.T. -0.104 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

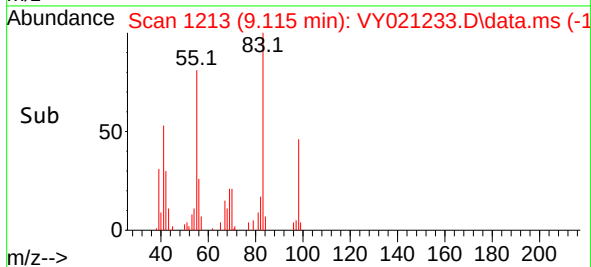
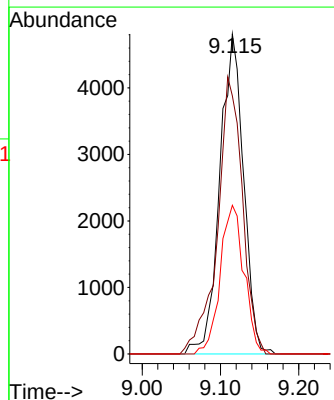
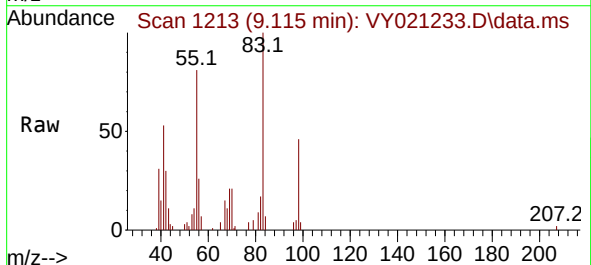


Tgt Ion:117 Resp: 18648  
Ion Ratio Lower Upper  
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121 0.0 24.2 36.2#

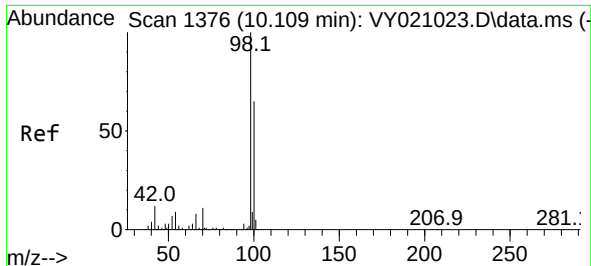


#39  
Methylcyclohexane  
Concen: 2.583 ug/l  
RT: 9.115 min Scan# 1213  
Delta R.T. -0.000 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

Tgt Ion: 83 Resp: 10141  
Ion Ratio Lower Upper  
83 100  
55 80.7 59.7 89.5  
98 46.5 38.0 57.0



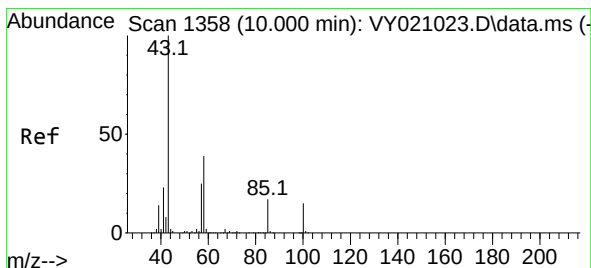
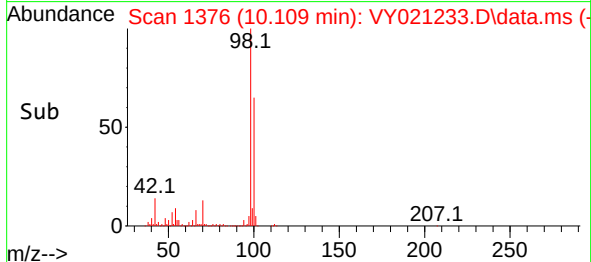
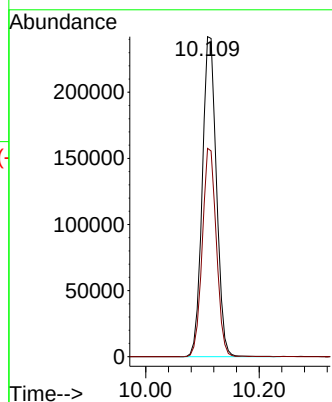
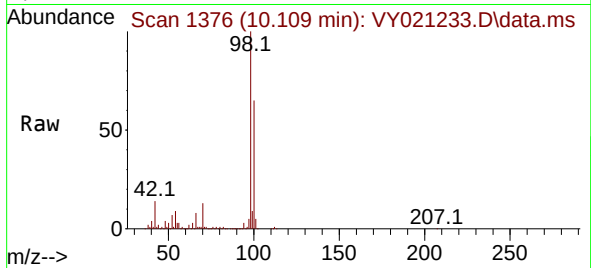




#50  
Toluene-d8  
Concen: 50.846 ug/l  
RT: 10.109 min Scan# 1376  
Delta R.T. -0.000 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

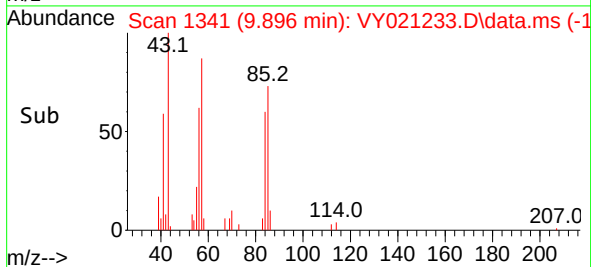
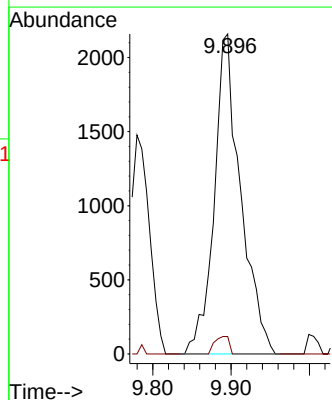
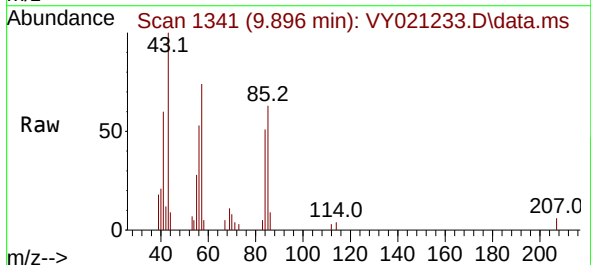
Instrument :  
MSVOA\_Y  
ClientSampleId :

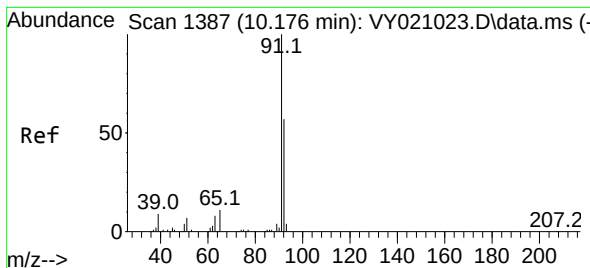
Tgt Ion: 98 Resp: 419526  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.3 78.5



#51  
4-Methyl-2-Pentanone  
Concen: 3.599 ug/l  
RT: 9.896 min Scan# 1341  
Delta R.T. -0.104 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

Tgt Ion: 43 Resp: 5065  
Ion Ratio Lower Upper  
43 100  
58 3.0 32.2 48.2#





#52

Toluene

Concen: 4.338 ug/l

RT: 10.176 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021233.D

Acq: 18 Feb 2025 16:15

Instrument :

MSVOA\_Y

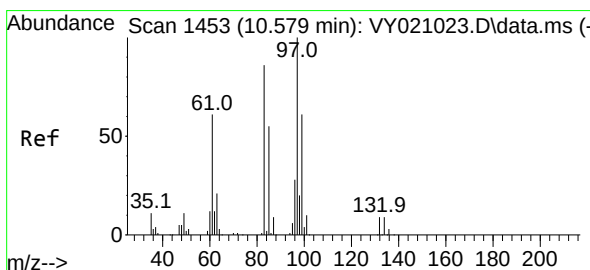
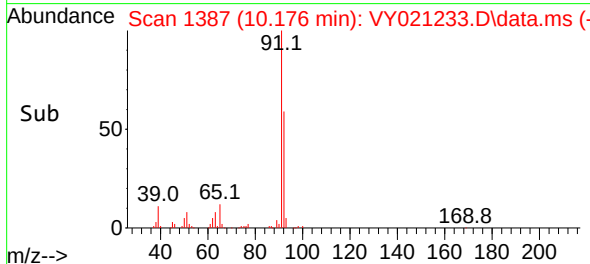
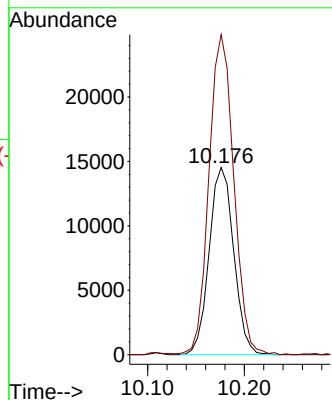
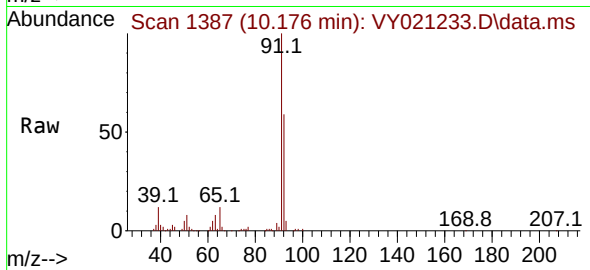
ClientSampleId :

Tgt Ion: 92 Resp: 25660

Ion Ratio Lower Upper

92 100

91 172.9 137.6 206.4



#55

1,1,2-Trichloroethane

Concen: 5.714 ug/l

RT: 10.548 min Scan# 1448

Delta R.T. -0.031 min

Lab File: VY021233.D

Acq: 18 Feb 2025 16:15

Tgt Ion: 97 Resp: 9161

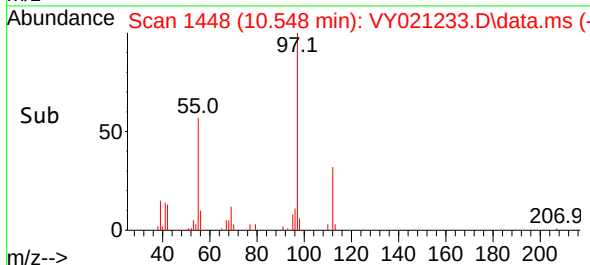
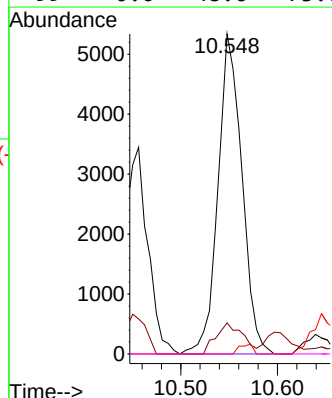
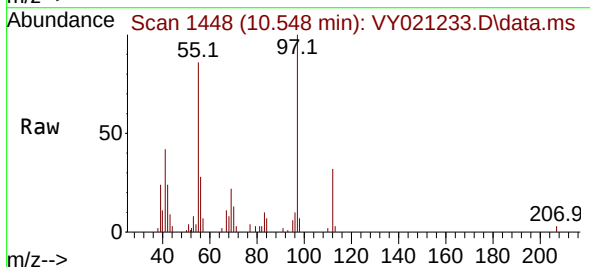
Ion Ratio Lower Upper

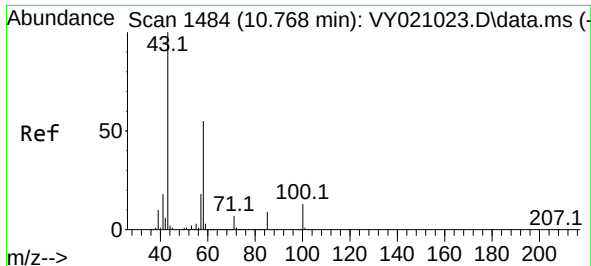
97 100

83 9.7 69.4 104.2#

85 0.0 43.9 65.9#

99 0.0 48.6 73.0#

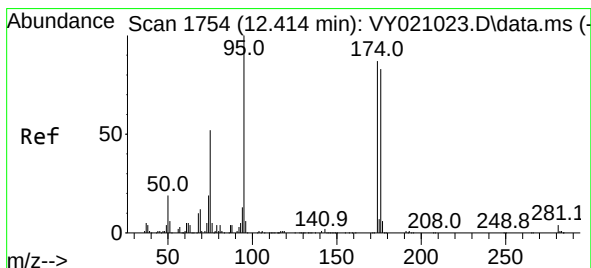
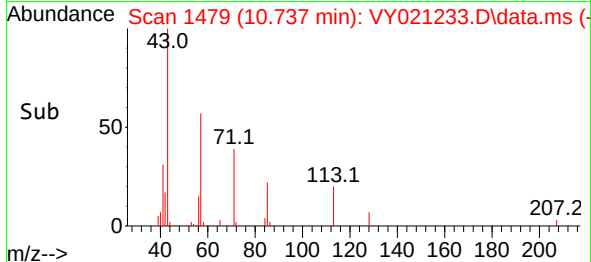
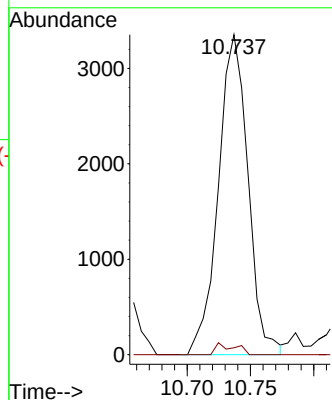
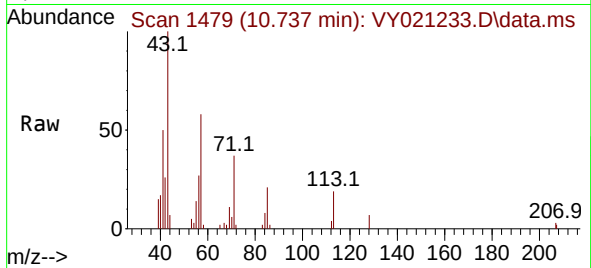




#59  
2-Hexanone  
Concen: 6.028 ug/l  
RT: 10.737 min Scan# 1484  
Delta R.T. -0.031 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

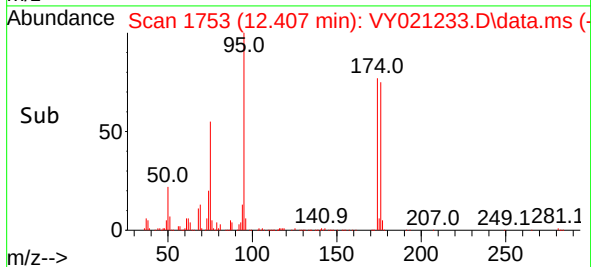
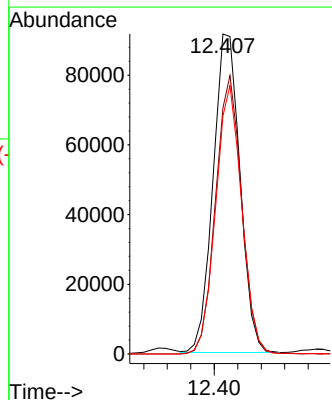
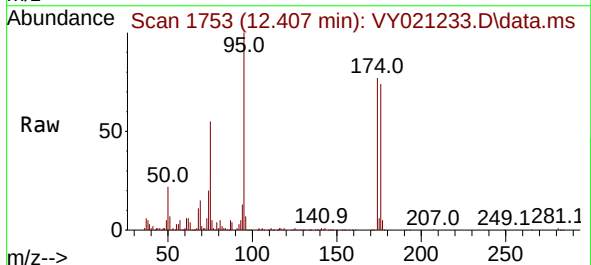
Instrument :  
MSVOA\_Y  
ClientSampleId :

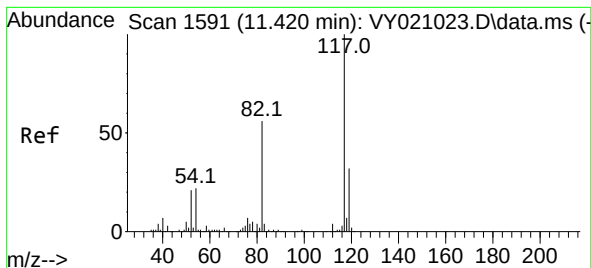
Tgt Ion: 43 Resp: 5461  
Ion Ratio Lower Upper  
43 100  
58 2.3 28.1 84.3#



#62  
4-Bromofluorobenzene  
Concen: 53.878 ug/l  
RT: 12.407 min Scan# 1753  
Delta R.T. -0.006 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

Tgt Ion: 95 Resp: 145232  
Ion Ratio Lower Upper  
95 100  
174 84.7 0.0 160.0  
176 81.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY021233.D

Acq: 18 Feb 2025 16:15

Instrument :

MSVOA\_Y

ClientSampleId :

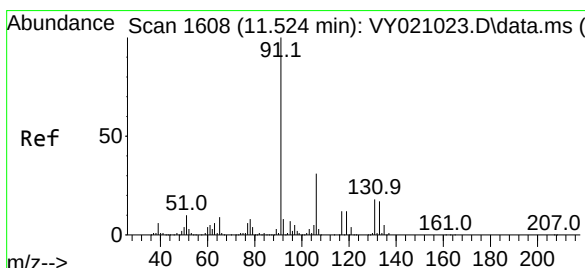
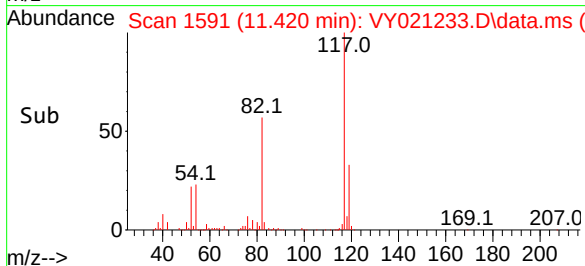
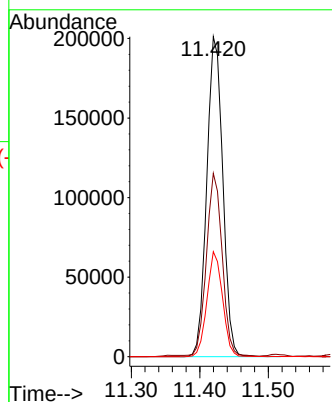
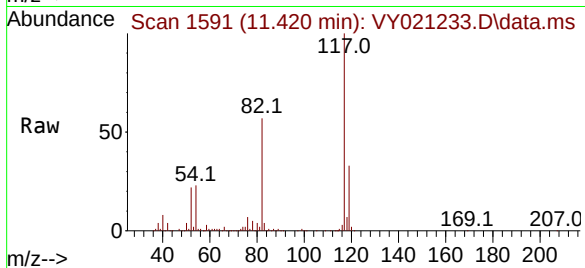
Tgt Ion:117 Resp: 327582

Ion Ratio Lower Upper

117 100

82 56.9 43.8 65.8

119 32.8 26.5 39.7



#67

Ethyl Benzene

Concen: 10.777 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021233.D

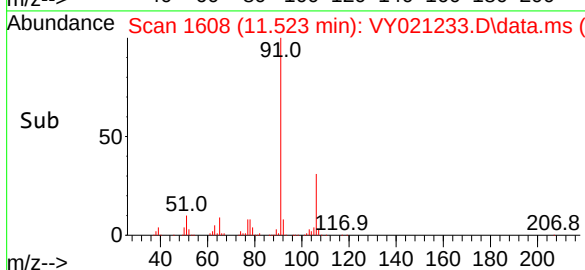
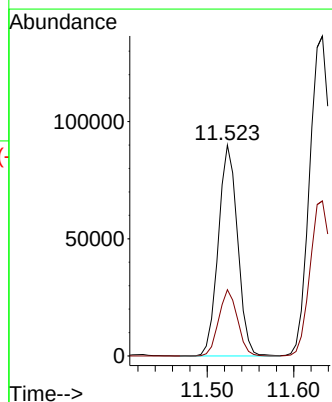
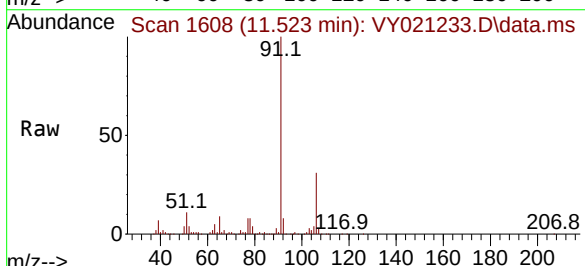
Acq: 18 Feb 2025 16:15

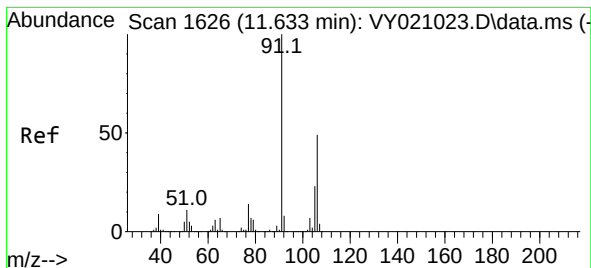
Tgt Ion: 91 Resp: 139037

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.4

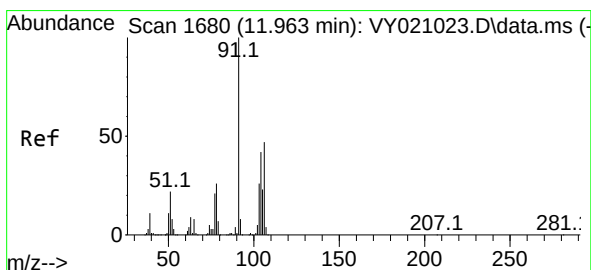
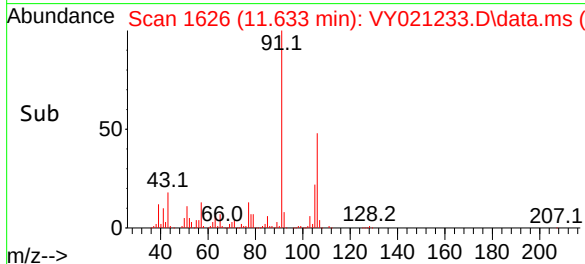
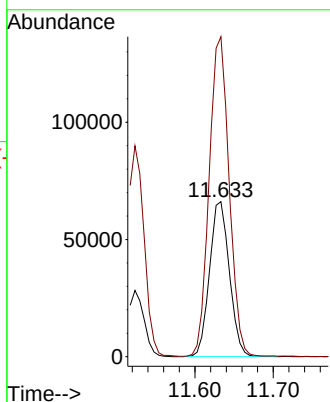
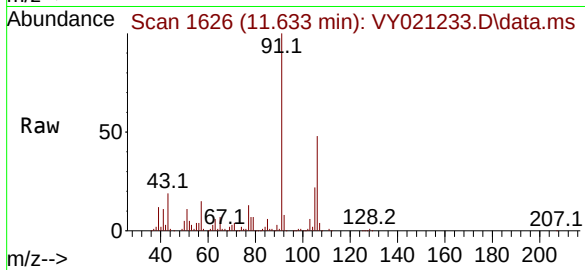




#68  
m/p-Xylenes  
Concen: 24.128 ug/l  
RT: 11.633 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

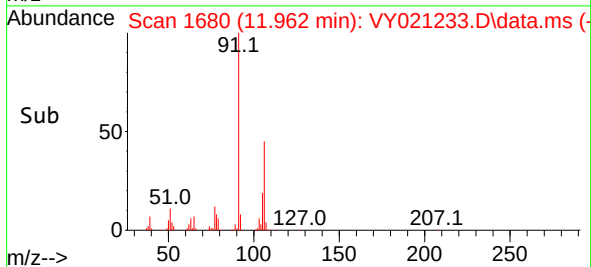
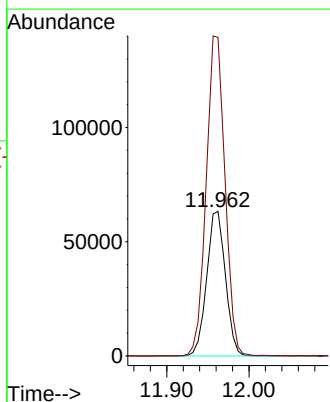
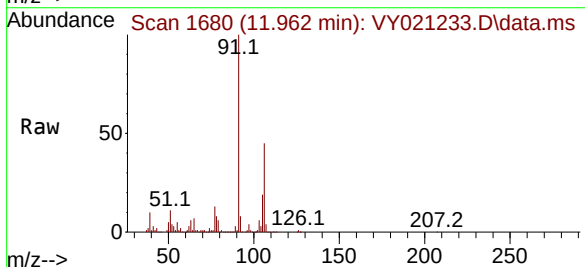
Instrument :  
MSVOA\_Y  
ClientSampleId :

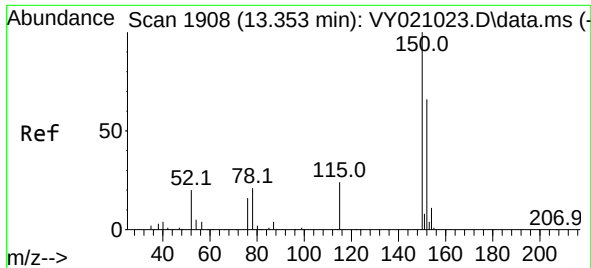
Tgt Ion:106 Resp: 116454  
Ion Ratio Lower Upper  
106 100  
91 207.2 160.7 241.1



#69  
o-Xylene  
Concen: 22.244 ug/l  
RT: 11.962 min Scan# 1680  
Delta R.T. -0.000 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

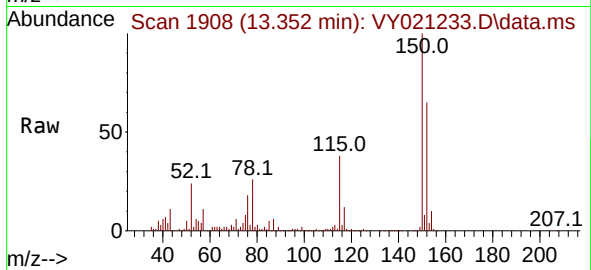
Tgt Ion:106 Resp: 100093  
Ion Ratio Lower Upper  
106 100  
91 222.4 106.5 319.5



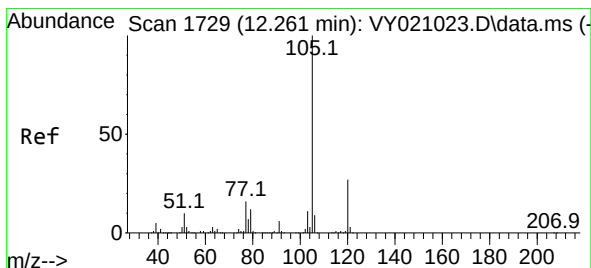
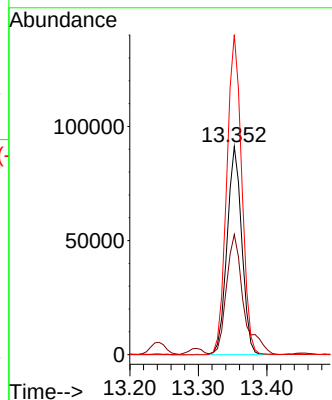
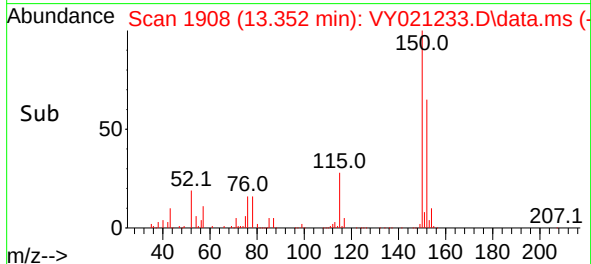


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.352 min Scan# 1908  
Delta R.T. -0.000 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

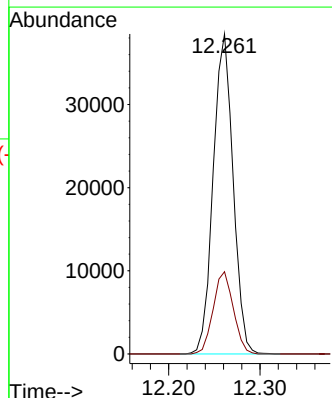
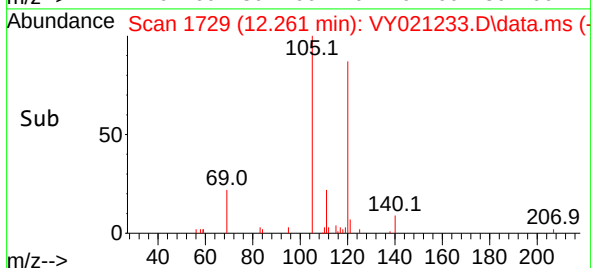
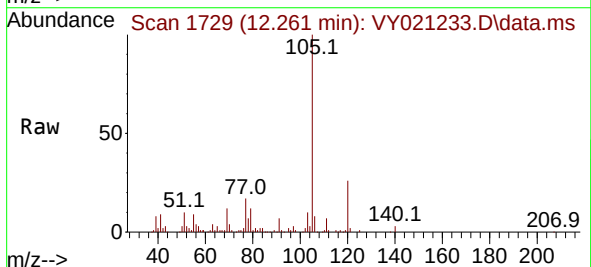


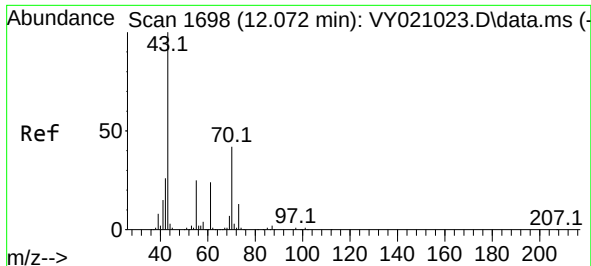
Tgt Ion:152 Resp: 136016  
Ion Ratio Lower Upper  
152 100  
115 66.8 30.0 90.0  
150 156.5 0.0 344.6



#73  
Isopropylbenzene  
Concen: 5.484 ug/l  
RT: 12.261 min Scan# 1729  
Delta R.T. -0.000 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

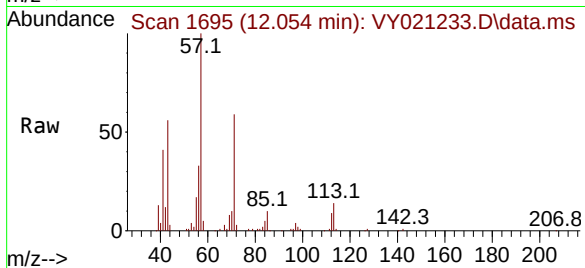
Tgt Ion:105 Resp: 58263  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.0 39.0



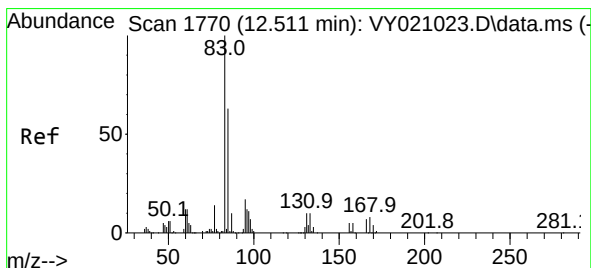
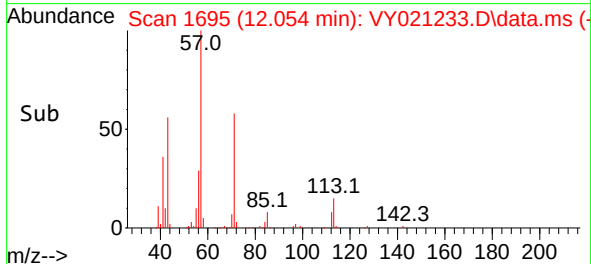
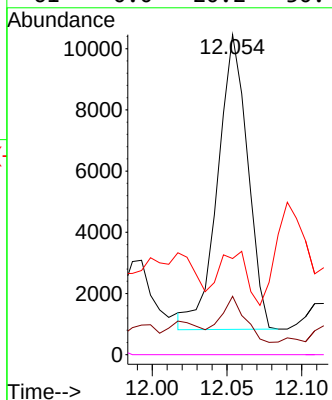


#74  
N-amy1 acetate  
Concen: 5.769 ug/l  
RT: 12.054 min Scan# 1761  
Delta R.T. -0.019 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

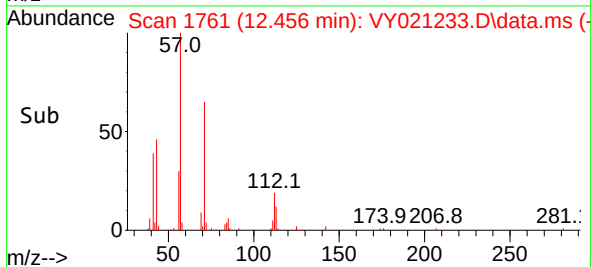
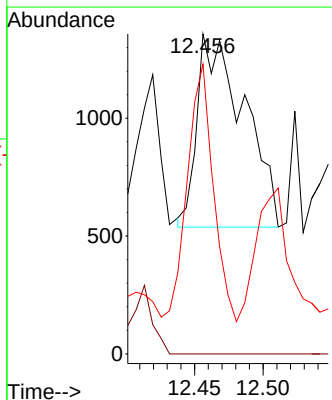
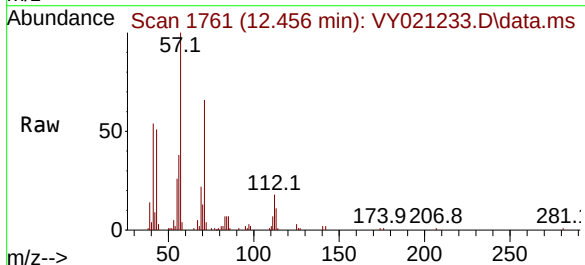


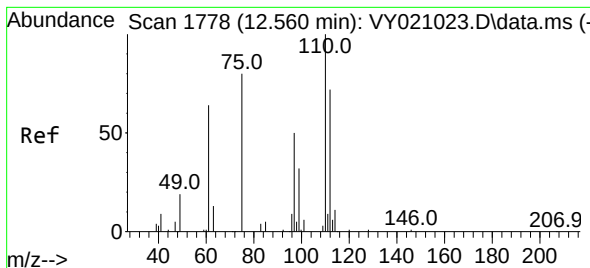
Tgt Ion: 43 Resp: 13400  
Ion Ratio Lower Upper  
43 100  
70 12.6 36.6 55.0#  
55 16.8 22.2 33.4#  
61 0.0 20.2 30.4#



#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.100 ug/l  
RT: 12.456 min Scan# 1761  
Delta R.T. -0.055 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

Tgt Ion: 83 Resp: 1943  
Ion Ratio Lower Upper  
83 100  
131 0.0 4.9 14.6#  
85 73.7 32.6 98.0





#76

1,2,3-Trichloropropane

Concen: 3.458 ug/l

RT: 12.663 min Scan# 1795

Delta R.T. 0.103 min

Lab File: VY021233.D

Acq: 18 Feb 2025 16:15

Instrument :

MSVOA\_Y

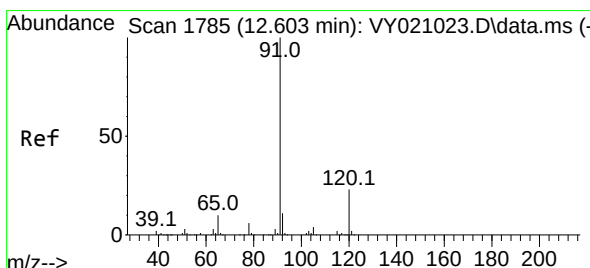
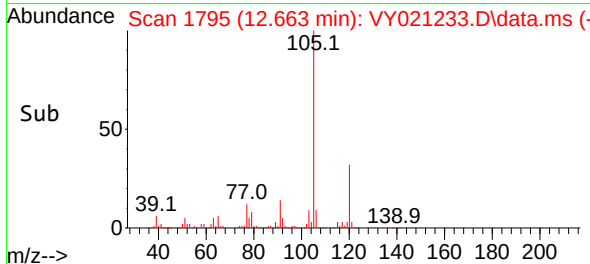
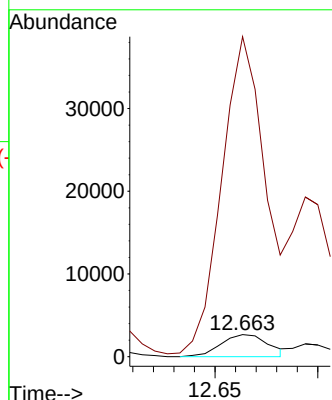
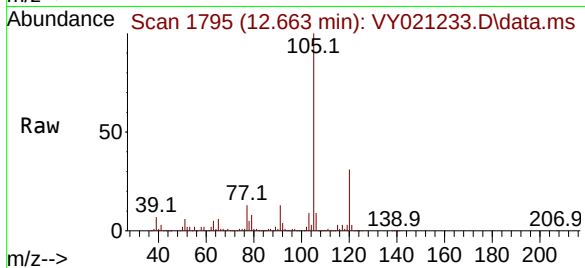
ClientSampleId :

Tgt Ion: 75 Resp: 4266

Ion Ratio Lower Upper

75 100

77 1331.5 0.0 0.0#



#78

n-propylbenzene

Concen: 12.388 ug/l

RT: 12.602 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021233.D

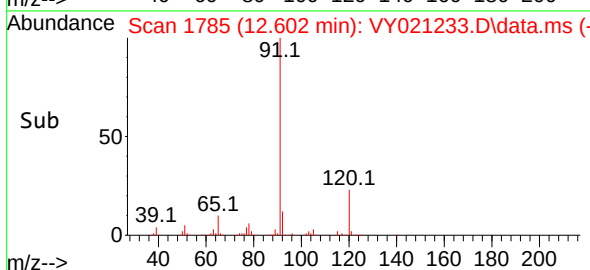
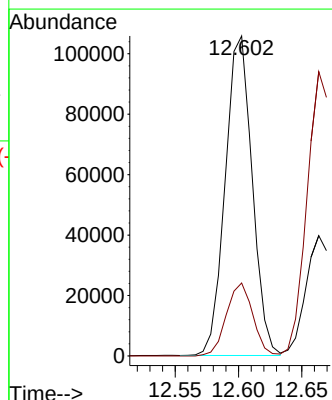
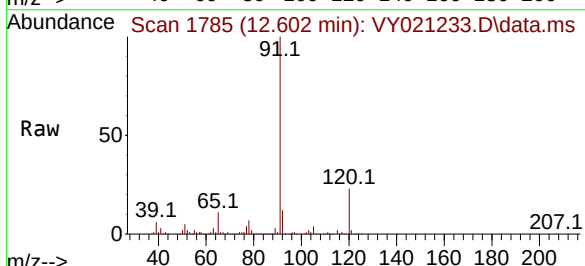
Acq: 18 Feb 2025 16:15

Tgt Ion: 91 Resp: 156793

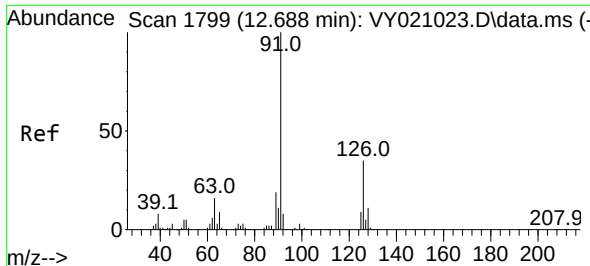
Ion Ratio Lower Upper

91 100

120 22.5 11.0 33.0



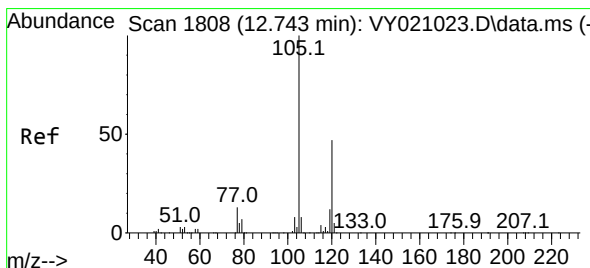
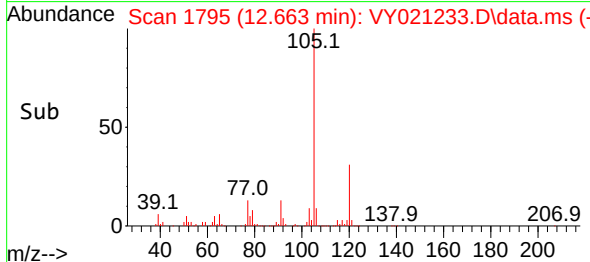
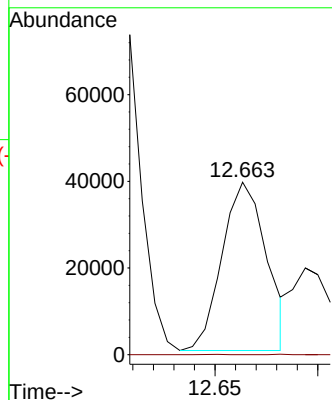
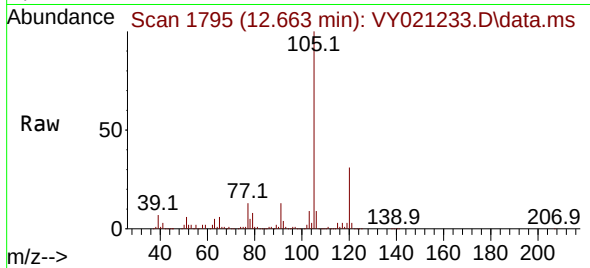




#79  
2-Chlorotoluene  
Concen: 8.068 ug/l  
RT: 12.663 min Scan# 1795  
Delta R.T. -0.025 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

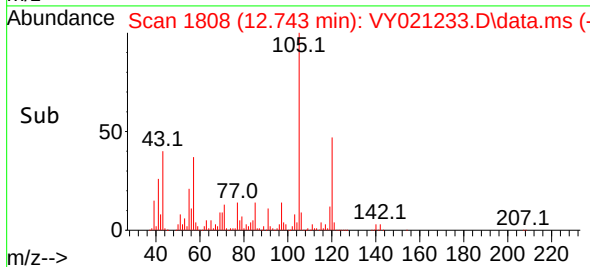
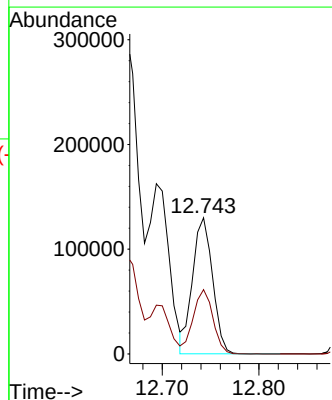
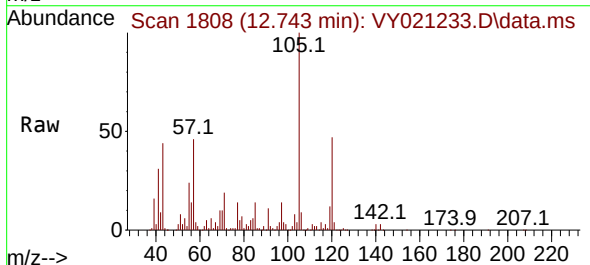
Instrument :  
MSVOA\_Y  
ClientSampleId :

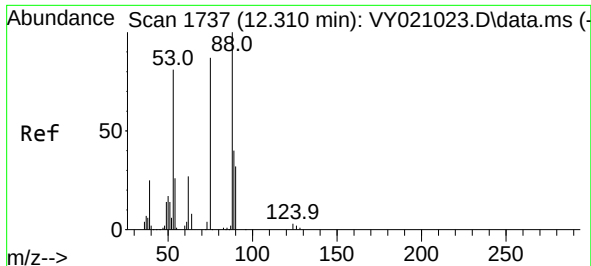
Tgt Ion: 91 Resp: 58485  
Ion Ratio Lower Upper  
91 100  
126 0.1 17.0 51.0#



#80  
1,3,5-Trimethylbenzene  
Concen: 21.695 ug/l  
RT: 12.743 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

Tgt Ion: 105 Resp: 186883  
Ion Ratio Lower Upper  
105 100  
120 47.0 24.3 72.8

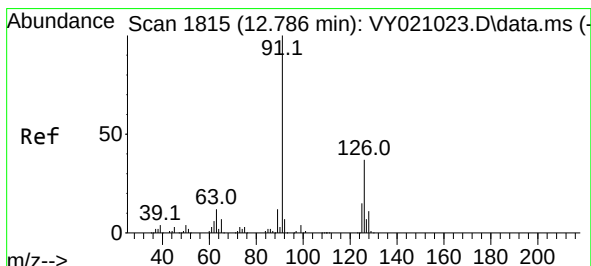
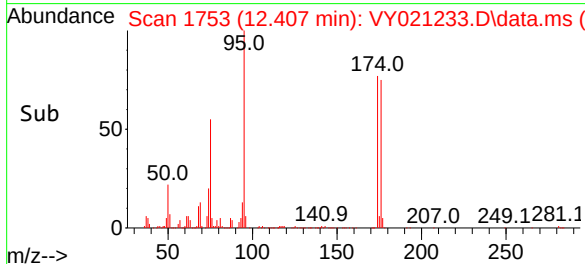
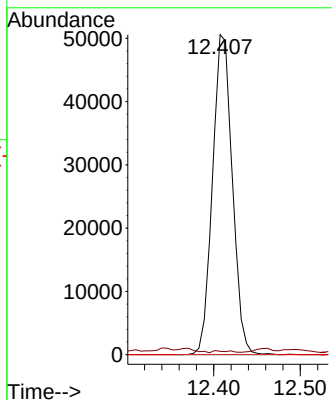
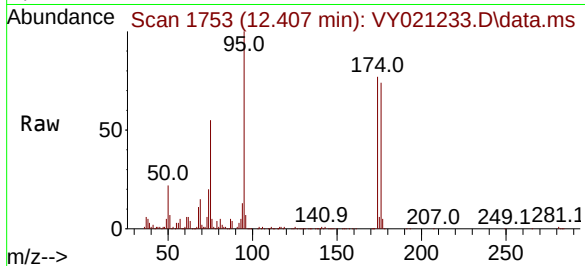




#81  
trans-1,4-Dichloro-2-butene  
Concen: 132.904 ug/l  
RT: 12.407 min Scan# 11  
Delta R.T. 0.097 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

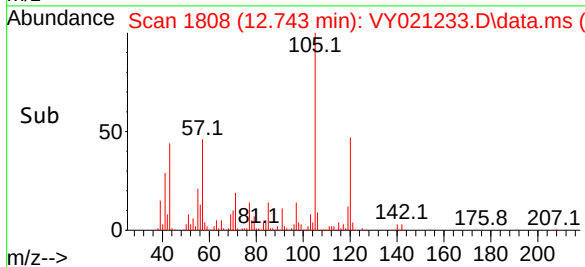
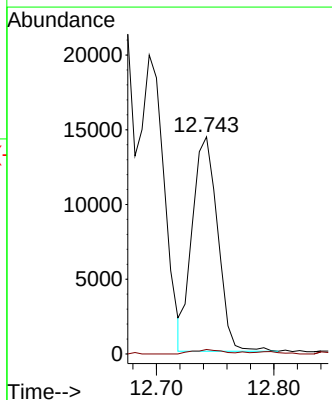
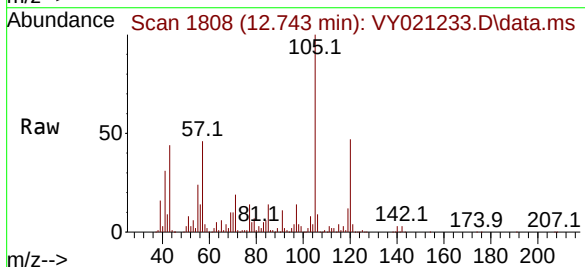
Instrument :  
MSVOA\_Y  
ClientSampleId :

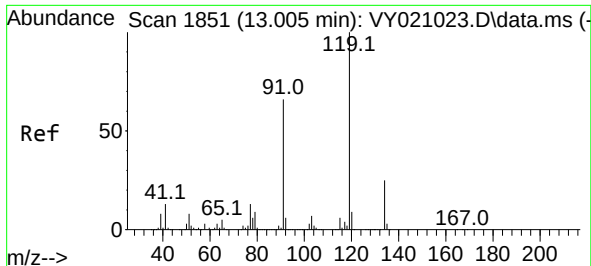
Tgt Ion: 75 Resp: 80364  
Ion Ratio Lower Upper  
75 100  
53 0.6 74.0 111.0#  
89 0.0 36.5 54.7#



#82  
4-Chlorotoluene  
Concen: 2.917 ug/l  
RT: 12.743 min Scan# 1808  
Delta R.T. -0.043 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

Tgt Ion: 91 Resp: 21547  
Ion Ratio Lower Upper  
91 100  
126 2.4 17.1 51.2#

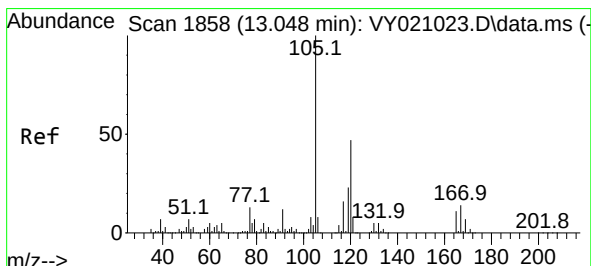
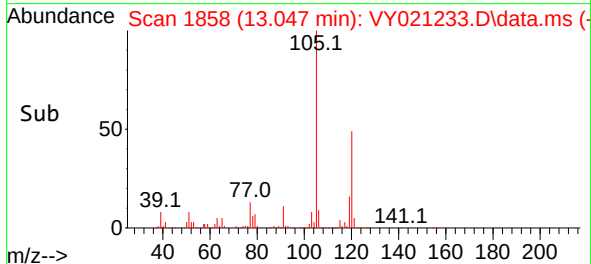
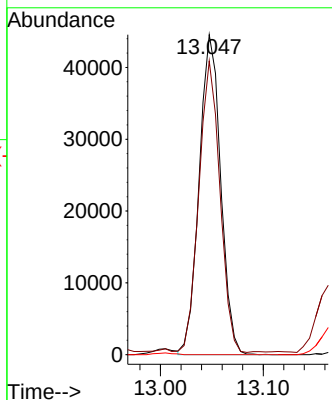
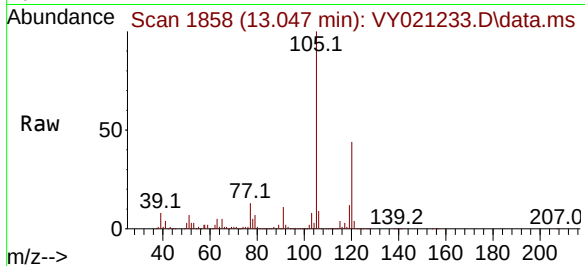




#83  
tert-Butylbenzene  
Concen: 8.295 ug/l  
RT: 13.047 min Scan# 1858  
Delta R.T. 0.042 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

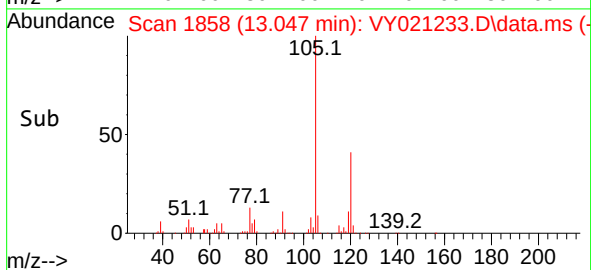
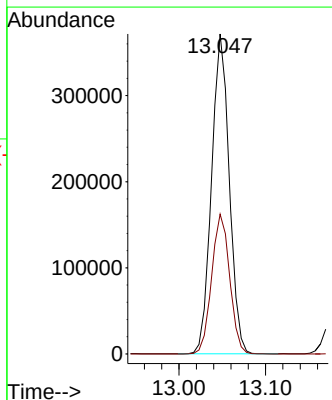
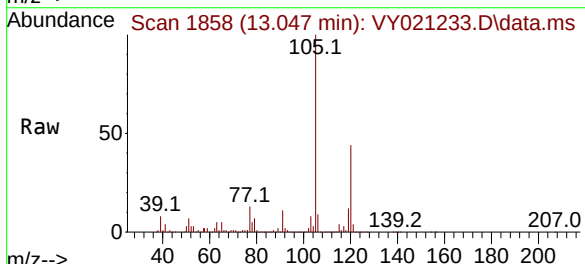
Instrument :  
MSVOA\_Y  
ClientSampleId :

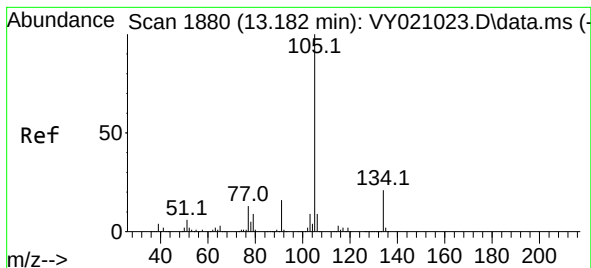
Tgt Ion:119 Resp: 64951  
Ion Ratio Lower Upper  
119 100  
91 88.9 31.5 94.5  
134 0.0 13.1 39.3#



#84  
1,2,4-Trimethylbenzene  
Concen: 62.590 ug/l  
RT: 13.047 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

Tgt Ion:105 Resp: 527177  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.1 66.3





#85

sec-Butylbenzene

Concen: 7.101 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY021233.D

Acq: 18 Feb 2025 16:15

Instrument :

MSVOA\_Y

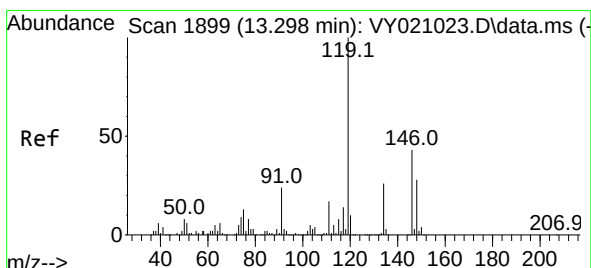
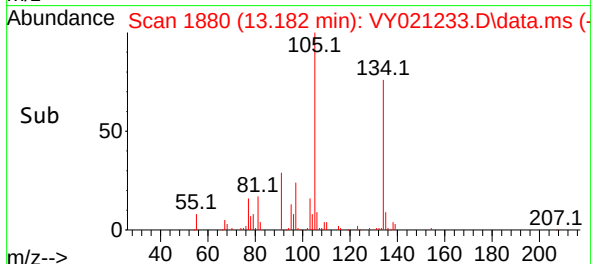
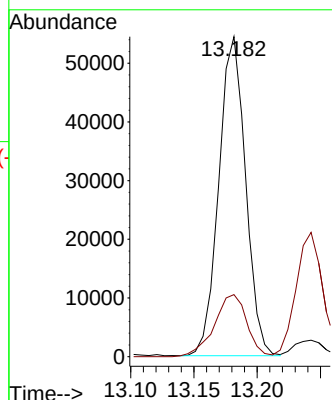
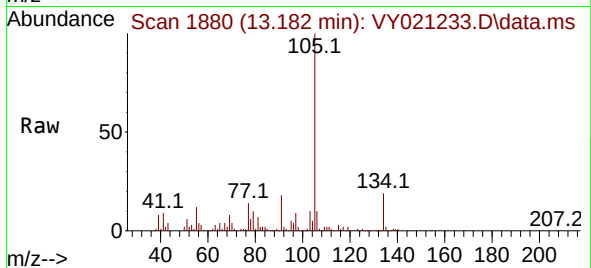
ClientSampleId :

Tgt Ion:105 Resp: 80038

Ion Ratio Lower Upper

105 100

134 23.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 5.500 ug/l

RT: 13.297 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021233.D

Acq: 18 Feb 2025 16:15

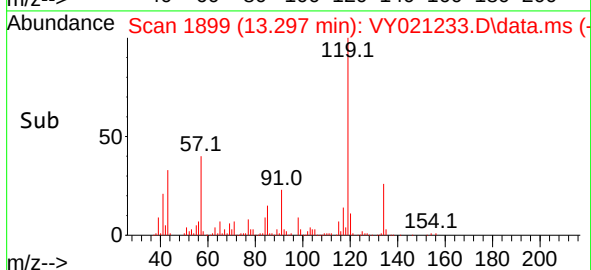
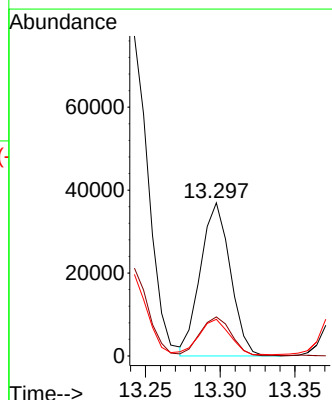
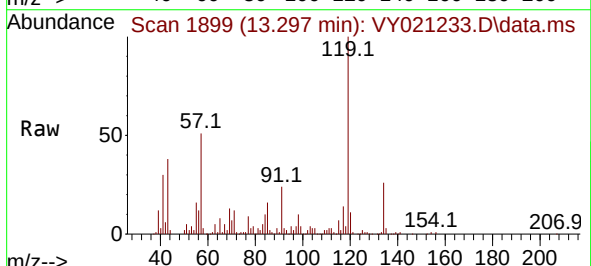
Tgt Ion:119 Resp: 51495

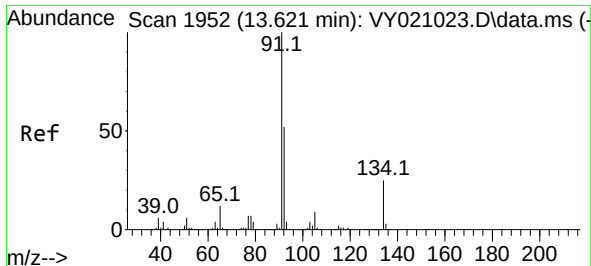
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.5 11.7 35.0

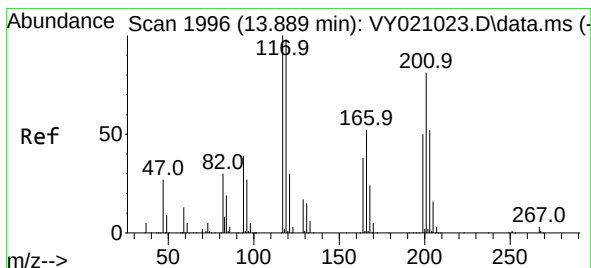
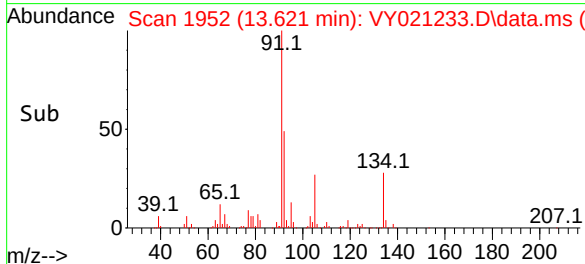
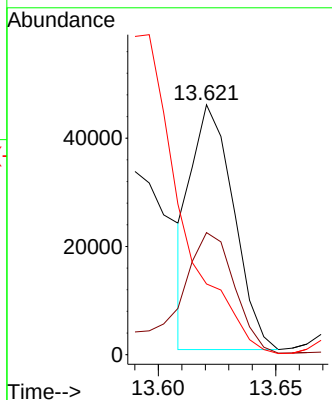
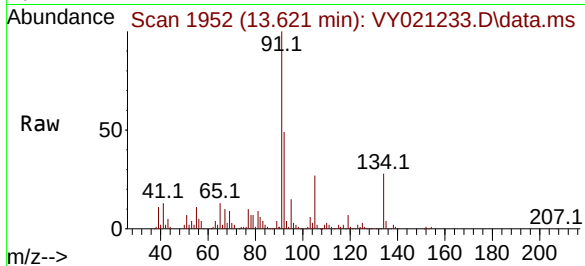




#89  
n-Butylbenzene  
Concen: 6.623 ug/l  
RT: 13.621 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

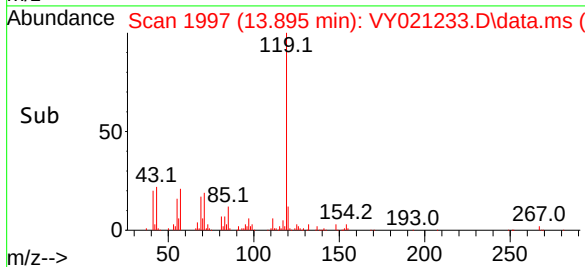
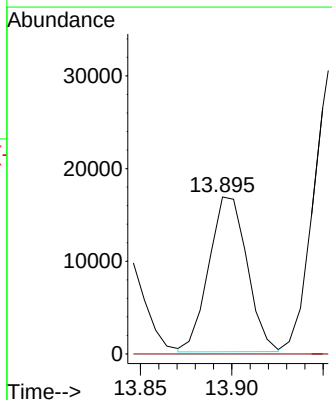
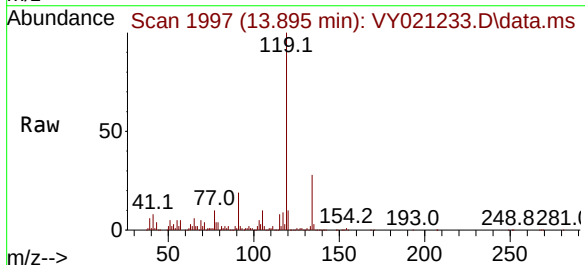
Instrument :  
MSVOA\_Y  
ClientSampleId :

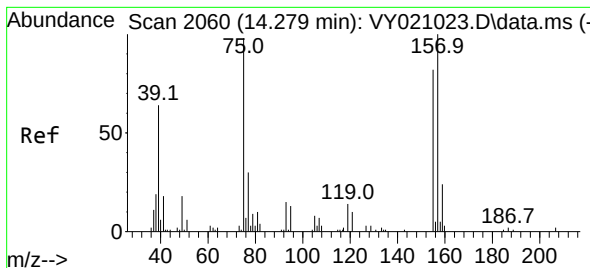
Tgt Ion: 91 Resp: 56567  
Ion Ratio Lower Upper  
91 100  
92 68.4 26.4 79.2  
134 0.0 12.3 36.8#



#90  
Hexachloroethane  
Concen: 12.474 ug/l  
RT: 13.895 min Scan# 1997  
Delta R.T. 0.006 min  
Lab File: VY021233.D  
Acq: 18 Feb 2025 16:15

Tgt Ion: 117 Resp: 24365  
Ion Ratio Lower Upper  
117 100  
201 0.0 33.4 100.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 6.836 ug/l

RT: 14.261 min Scan# 2060

Delta R.T. -0.019 min

Lab File: VY021233.D

Acq: 18 Feb 2025 16:15

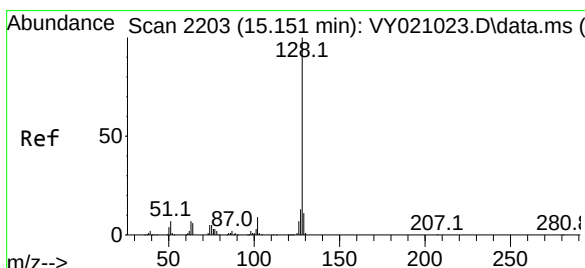
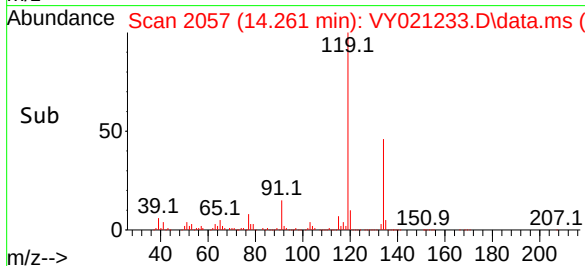
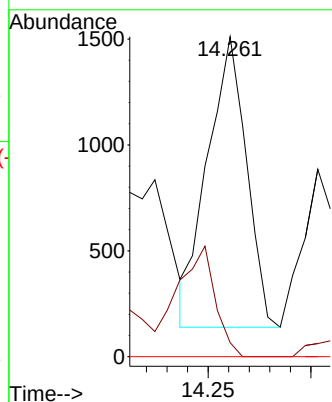
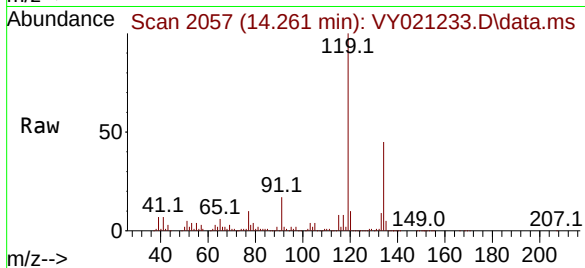
Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 75 Resp: 1805

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 75  | 100   |       |        |
| 155 | 36.6  | 42.1  | 126.3# |
| 157 | 0.0   | 55.8  | 167.4# |



#95

Naphthalene

Concen: 14.120 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021233.D

Acq: 18 Feb 2025 16:15

Tgt Ion: 128 Resp: 51667

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 16.8  | 10.2  | 15.4# |
| 129 | 16.4  | 8.6   | 12.8# |

