

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011024\  
 Data File : VY016971.D  
 Acq On : 10 Jan 2024 14:27  
 Operator : SY/MD  
 Sample : P1086-02RE  
 Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jan 11 00:12:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010224S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 02 14:25:32 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 105494   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.697  | 114  | 227783   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.502 | 117  | 207149   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.440 | 152  | 74907    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 52010    | 49.882   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 99.760% |
| 35) Dibromofluoromethane    | 7.728  | 113   | 53582    | 36.914   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 73.820% |
| 50) Toluene-d8              | 10.191 | 98    | 193324   | 38.678   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 77.360% |
| 62) 4-Bromofluorobenzene    | 12.495 | 95    | 62763    | 37.218   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 74.440% |

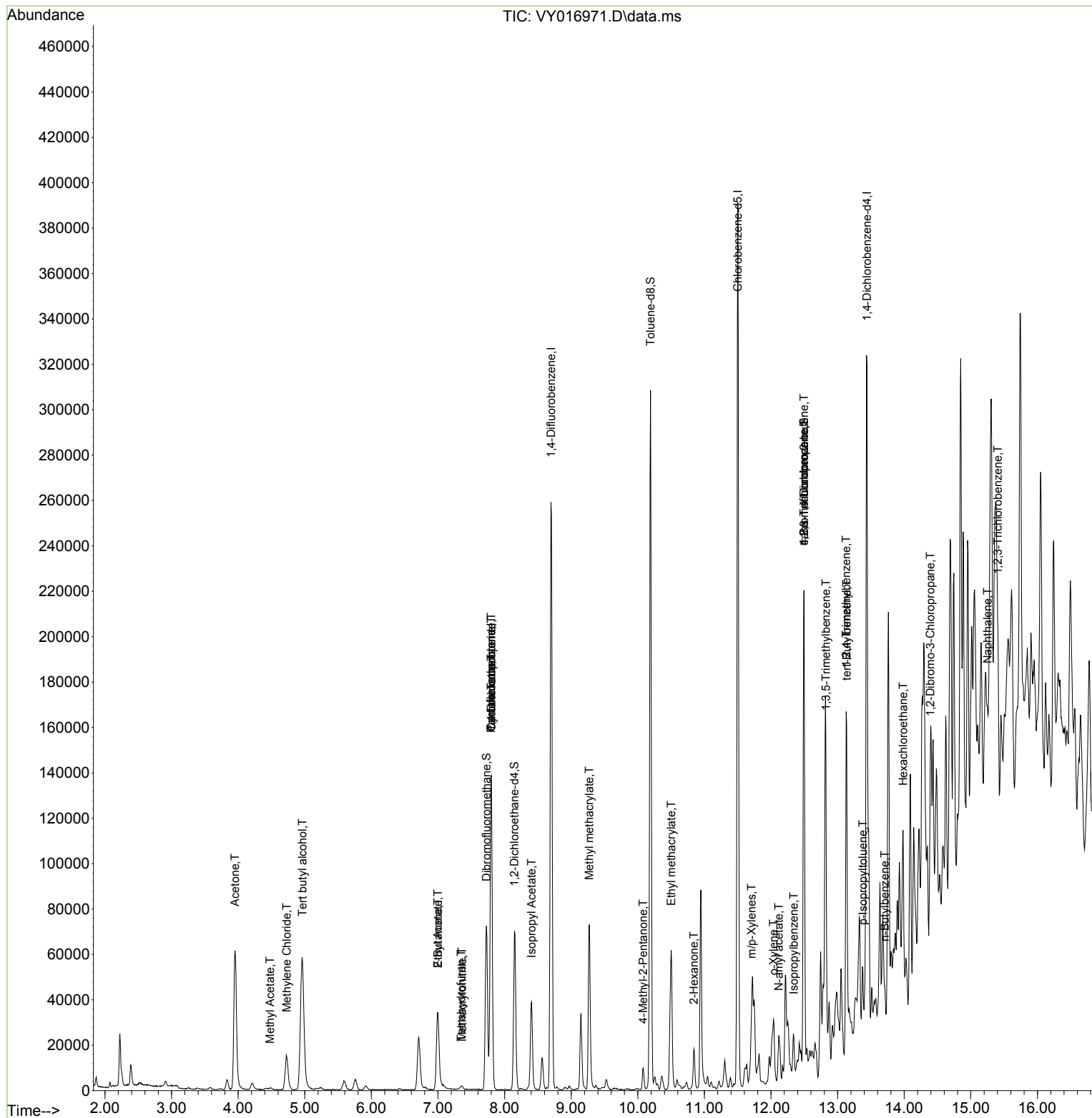
|                               |        |     |        |           |        |     |
|-------------------------------|--------|-----|--------|-----------|--------|-----|
| Target Compounds              |        |     |        | Qvalue    |        |     |
| 11) Tert butyl alcohol        | 4.966  | 59  | 113530 | 1687.704  | ug/l   | 97  |
| 13) Acrolein                  | 3.747  | 56  | 370    | Below Cal | #      | 80  |
| 16) Acetone                   | 3.954  | 43  | 112057 | 455.945   | ug/l   | 98  |
| 18) Methyl Acetate            | 4.478  | 43  | 1727   | 1.546     | ug/l   | 93  |
| 20) Methylene Chloride        | 4.728  | 84  | 10930  | 1.279     | ug/l   | 94  |
| 25) 2-Butanone                | 6.996  | 43  | 52132  | 142.338   | ug/l   | 97  |
| 29) Tetrahydrofuran           | 7.350  | 42  | 408    | 1.933     | ug/l # | 54  |
| 31) Cyclohexane               | 7.801  | 56  | 2546   | 1.423     | ug/l # | 7   |
| 36) 1,1-Dichloropropene       | 7.801  | 75  | 9301   | 4.397     | ug/l # | 50  |
| 37) Ethyl Acetate             | 6.996  | 43  | 52132  | 54.230    | ug/l # | 69  |
| 38) Carbon Tetrachloride      | 7.801  | 117 | 11126  | 5.177     | ug/l # | 17  |
| 41) Methacrylonitrile         | 7.362  | 41  | 697    | 1.377     | ug/l # | 43  |
| 43) Isopropyl Acetate         | 8.405  | 43  | 12866  | 6.989     | ug/l # | 51  |
| 48) Methyl methacrylate       | 9.270  | 41  | 18080  | 18.198    | ug/l # | 40  |
| 51) 4-Methyl-2-Pentanone      | 10.081 | 43  | 6746   | 6.891     | ug/l   | 94  |
| 56) Ethyl methacrylate        | 10.502 | 69  | 1537   | 1.490     | ug/l # | 1   |
| 59) 2-Hexanone                | 10.843 | 43  | 12149  | 16.853    | ug/l   | 95  |
| 68) m/p-Xylenes               | 11.709 | 106 | 7875   | 2.762     | ug/l   | 96  |
| 69) o-Xylene                  | 12.038 | 106 | 5382   | 2.013     | ug/l   | 98  |
| 73) Isopropylbenzene          | 12.343 | 105 | 7455   | 1.219     | ug/l   | 97  |
| 74) N-amyl acetate            | 12.117 | 43  | 12582  | 10.238    | ug/l # | 46  |
| 76) 1,2,3-Trichloropropane    | 12.495 | 75  | 33590  | 41.322    | ug/l # | 100 |
| 80) 1,3,5-Trimethylbenzene    | 12.825 | 105 | 18182  | 3.758     | ug/l   | 99  |
| 81) trans-1,4-Dichloro-2-b... | 12.495 | 75  | 33590  | 93.833    | ug/l # | 13  |
| 83) tert-Butylbenzene         | 13.135 | 119 | 9609   | 2.255     | ug/l # | 61  |
| 84) 1,2,4-Trimethylbenzene    | 13.129 | 105 | 78820  | 16.544    | ug/l   | 100 |
| 86) p-Isopropyltoluene        | 13.379 | 119 | 8875   | 1.703     | ug/l   | 96  |
| 89) n-Butylbenzene            | 13.708 | 91  | 5366   | 1.071     | ug/l # | 70  |
| 90) Hexachloroethane          | 13.983 | 117 | 2233   | 1.994     | ug/l # | 17  |
| 92) 1,2-Dibromo-3-Chloropr... | 14.391 | 75  | 181    | 1.158     | ug/l # | 1   |
| 95) Naphthalene               | 15.251 | 128 | 28241  | 15.207    | ug/l   | 96  |
| 96) 1,2,3-Trichlorobenzene    | 15.403 | 180 | 2428   | 2.523     | ug/l # | 1   |

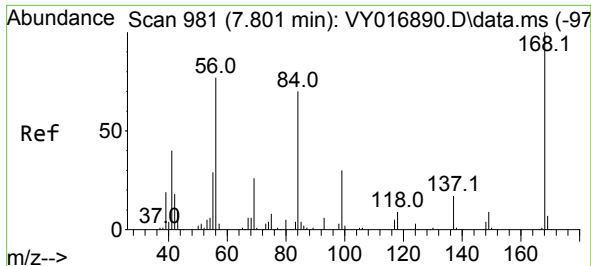
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011024\  
Data File : VY016971.D  
Acq On : 10 Jan 2024 14:27  
Operator : SY/MD  
Sample : P1086-02RE  
Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jan 11 00:12:34 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010224S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 02 14:25:32 2024  
Response via : Initial Calibration

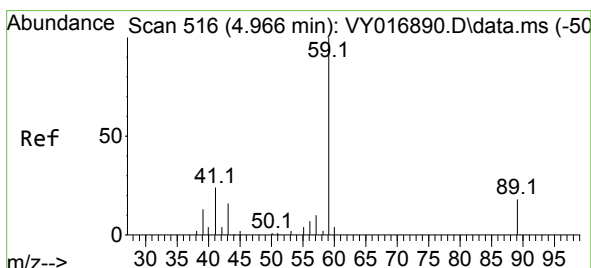
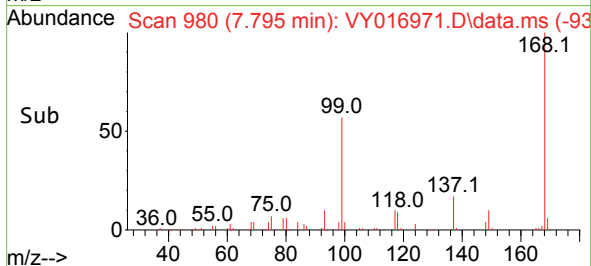
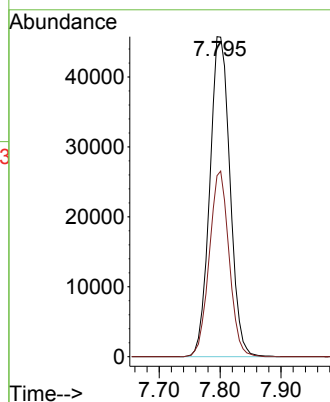
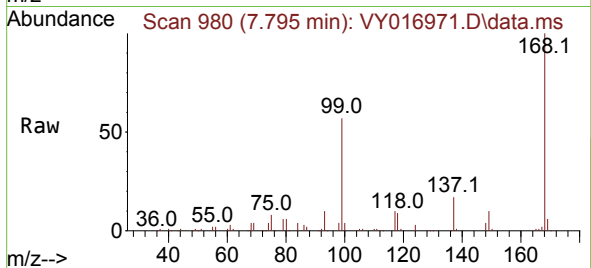




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 981  
Delta R.T. -0.006 min  
Lab File: VY016971.D  
Acq: 10 Jan 2024 14:27

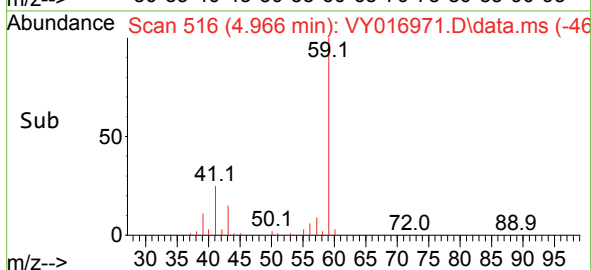
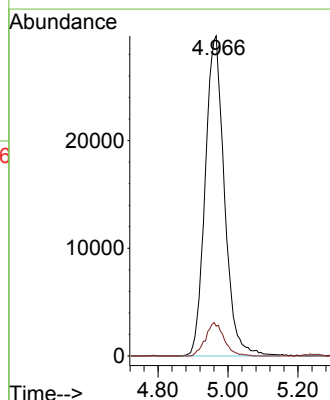
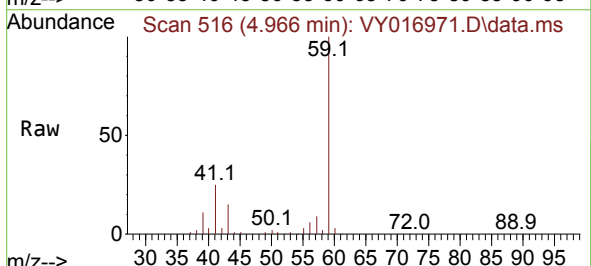
Instrument :  
MSVOA\_Y  
ClientSampleId :

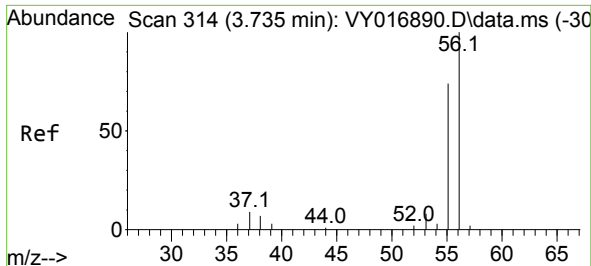
Tgt Ion:168 Resp: 105494  
Ion Ratio Lower Upper  
168 100  
99 56.6 44.2 66.4



#11  
Tert butyl alcohol  
Concen: 1687.704 ug/l  
RT: 4.966 min Scan# 516  
Delta R.T. 0.000 min  
Lab File: VY016971.D  
Acq: 10 Jan 2024 14:27

Tgt Ion: 59 Resp: 113530  
Ion Ratio Lower Upper  
59 100  
57 10.1 7.4 11.0





#13

Acrolein

Concen: Below Cal

RT: 3.747 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

Instrument :

MSVOA\_Y

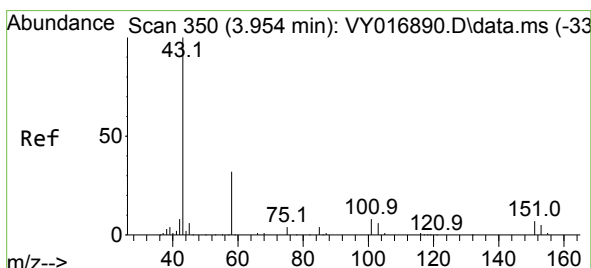
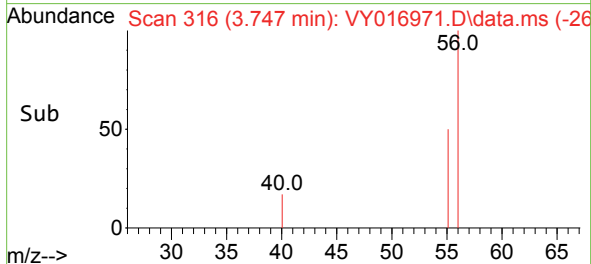
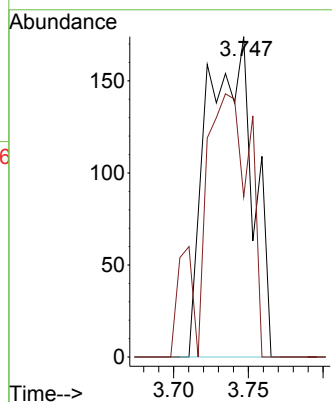
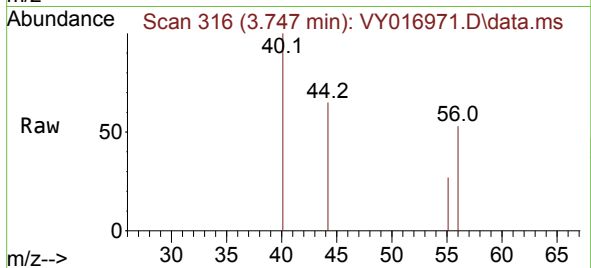
ClientSampleId :

Tgt Ion: 56 Resp: 370

Ion Ratio Lower Upper

56 100

55 85.4 55.4 83.0#



#16

Acetone

Concen: 455.945 ug/l

RT: 3.954 min Scan# 350

Delta R.T. -0.006 min

Lab File: VY016971.D

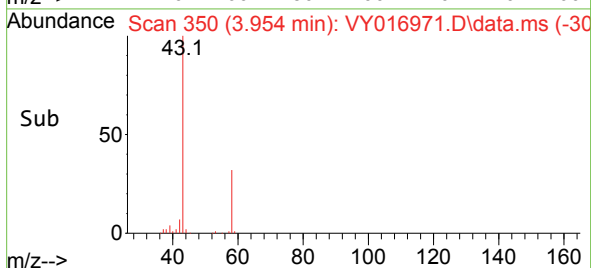
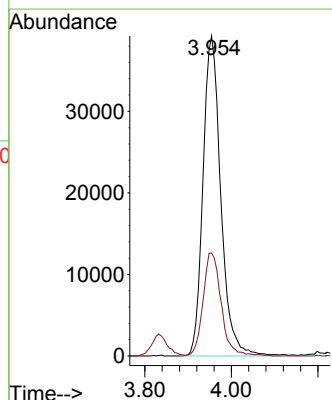
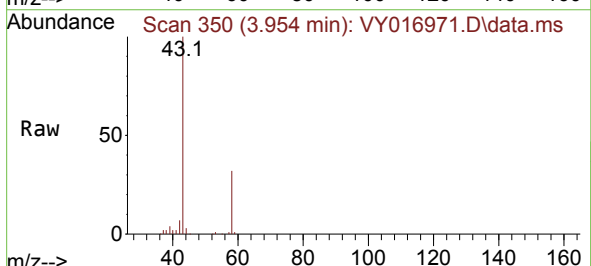
Acq: 10 Jan 2024 14:27

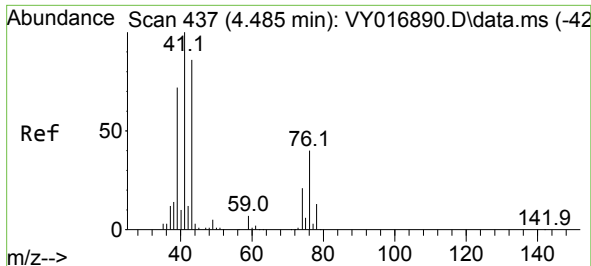
Tgt Ion: 43 Resp: 112057

Ion Ratio Lower Upper

43 100

58 32.1 26.6 39.8





#18

Methyl Acetate

Concen: 1.546 ug/l

RT: 4.478 min Scan# 41

Delta R.T. -0.019 min

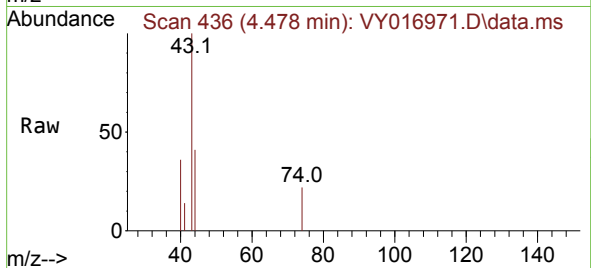
Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

Instrument :

MSVOA\_Y

ClientSampleId :

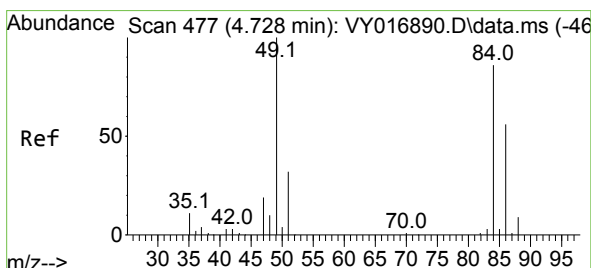
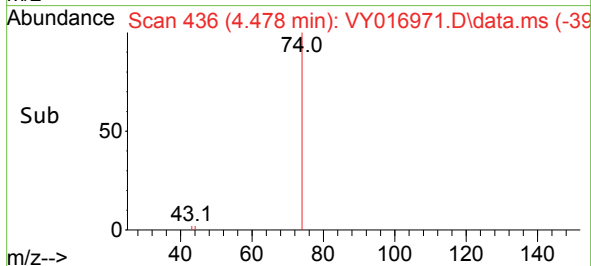
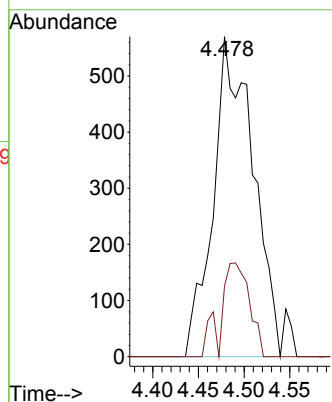


Tgt Ion: 43 Resp: 1727

Ion Ratio Lower Upper

43 100

74 21.4 19.8 29.6



#20

Methylene Chloride

Concen: 1.279 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

Tgt Ion: 84 Resp: 10930

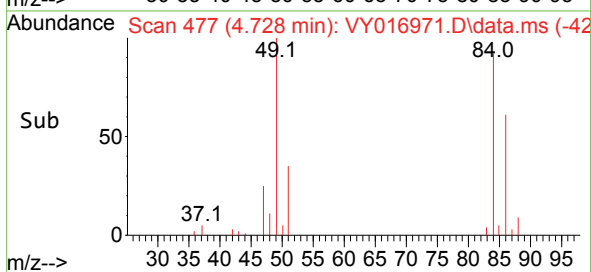
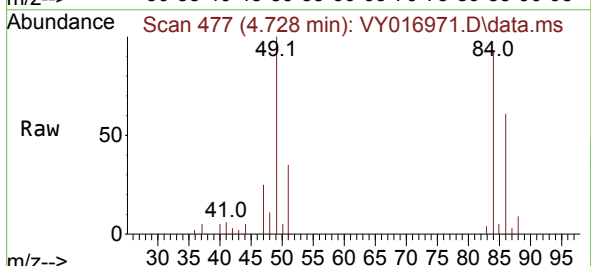
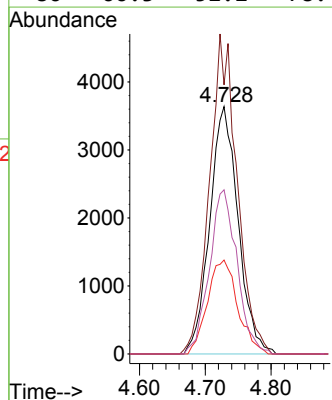
Ion Ratio Lower Upper

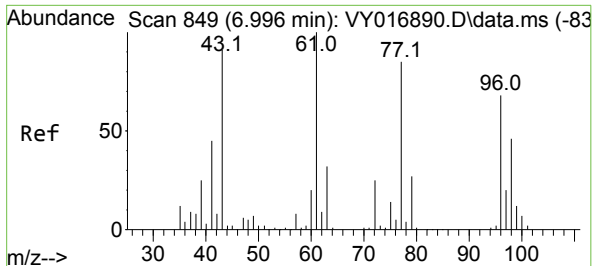
84 100

49 108.7 95.2 142.8

51 37.9 29.9 44.9

86 66.3 52.2 78.4





#25

2-Butanone

Concen: 142.338 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

Instrument :

MSVOA\_Y

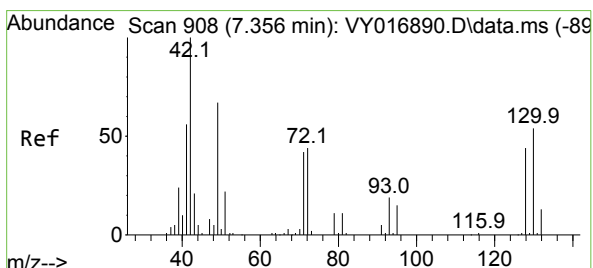
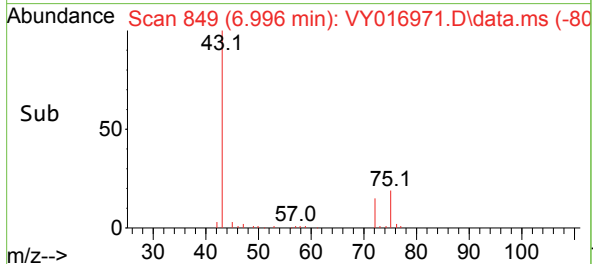
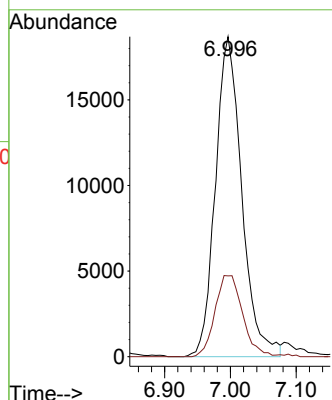
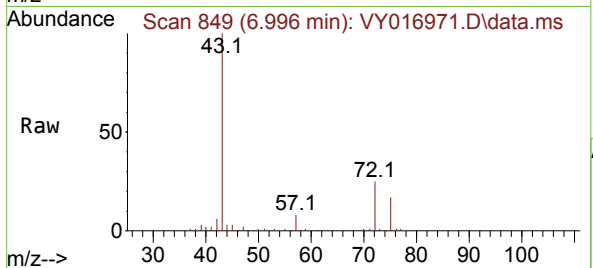
ClientSampleId :

Tgt Ion: 43 Resp: 52132

Ion Ratio Lower Upper

43 100

72 25.3 21.4 32.2



#29

Tetrahydrofuran

Concen: 1.933 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.012 min

Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

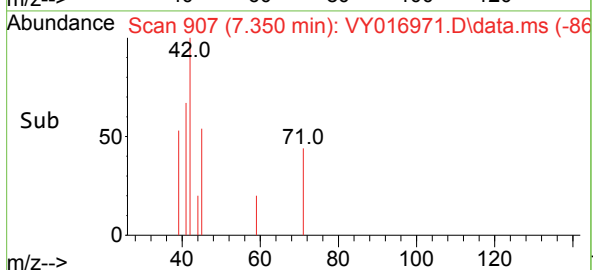
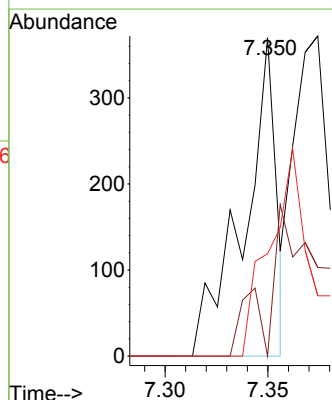
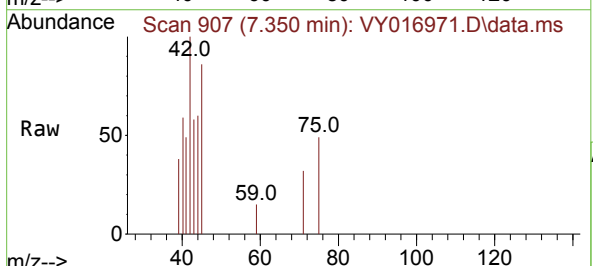
Tgt Ion: 42 Resp: 408

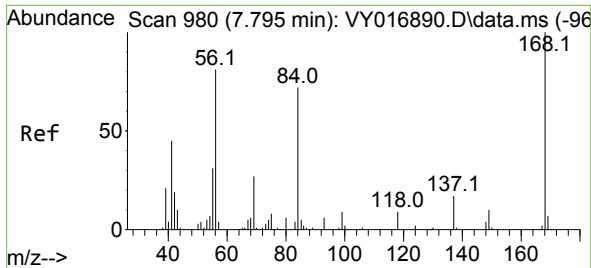
Ion Ratio Lower Upper

42 100

72 69.1 36.6 54.8#

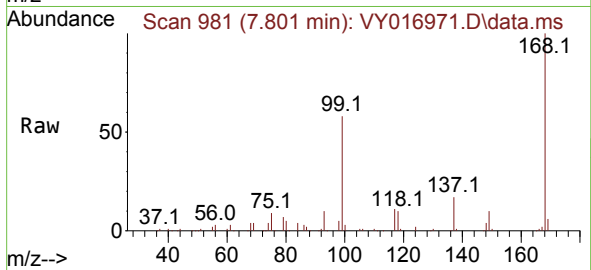
71 79.2 33.8 50.6#



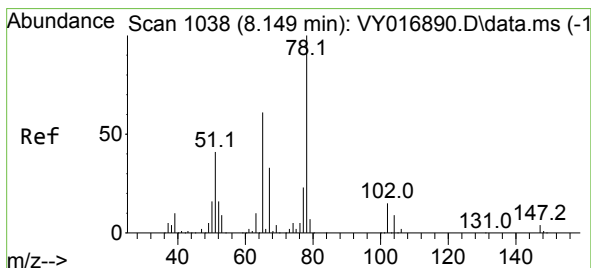
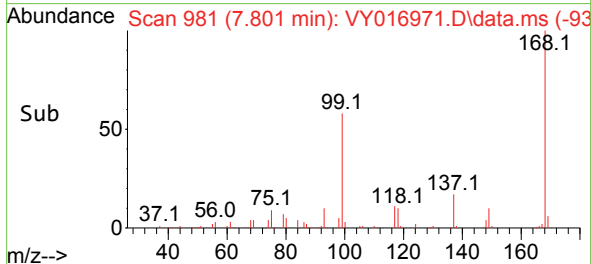
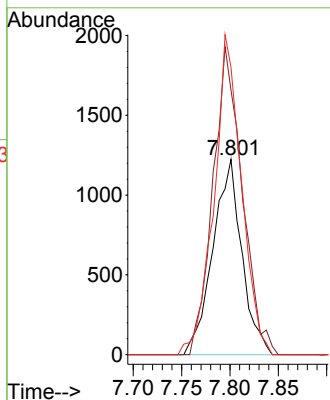


#31  
Cyclohexane  
Concen: 1.423 ug/l  
RT: 7.801 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY016971.D  
Acq: 10 Jan 2024 14:27

Instrument :  
MSVOA\_Y  
ClientSampleId :

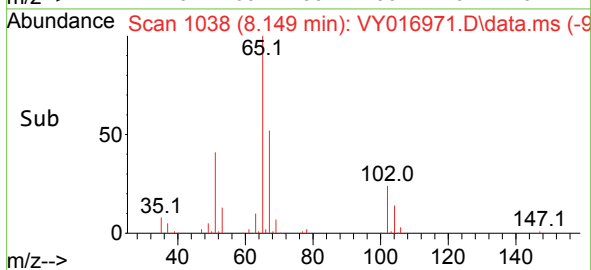
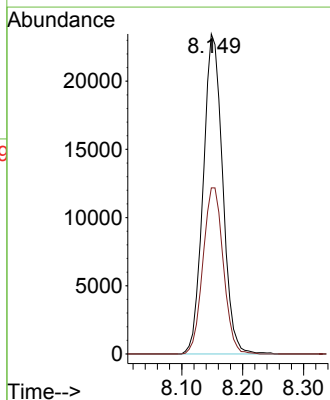
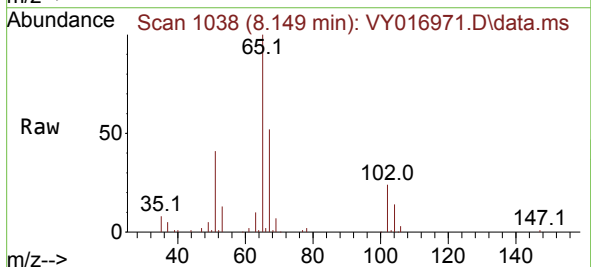


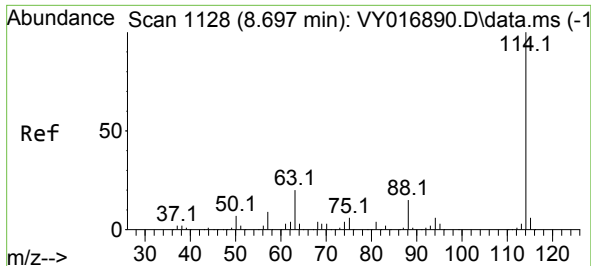
Tgt Ion: 56 Resp: 2546  
Ion Ratio Lower Upper  
56 100  
69 135.4 27.0 40.6#  
84 147.1 71.8 107.6#



#33  
1,2-Dichloroethane-d4  
Concen: 49.882 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: VY016971.D  
Acq: 10 Jan 2024 14:27

Tgt Ion: 65 Resp: 52010  
Ion Ratio Lower Upper  
65 100  
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

Instrument :

MSVOA\_Y

ClientSampleId :

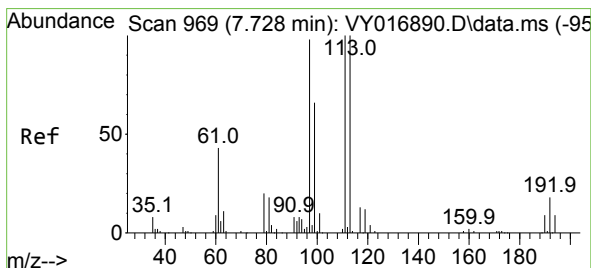
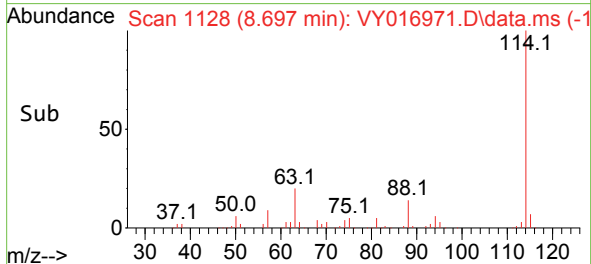
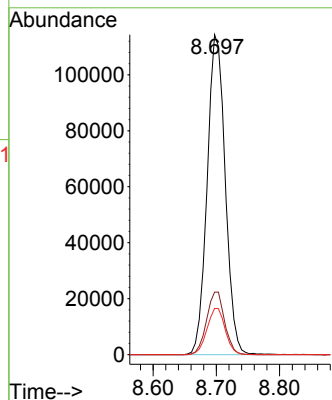
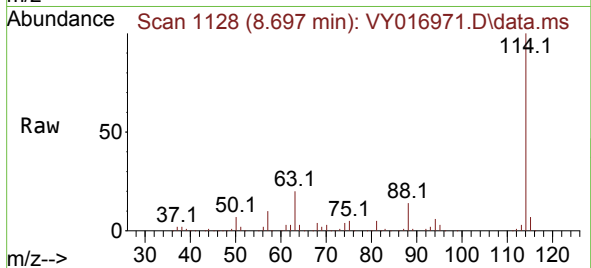
Tgt Ion:114 Resp: 227783

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 36.914 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

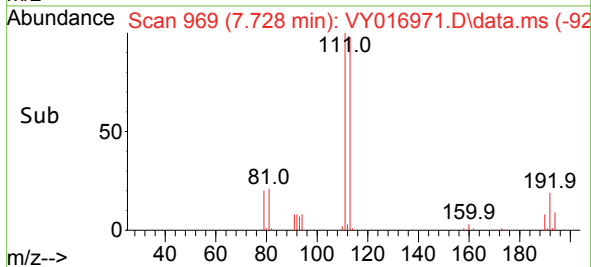
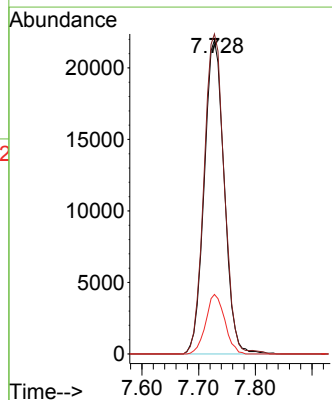
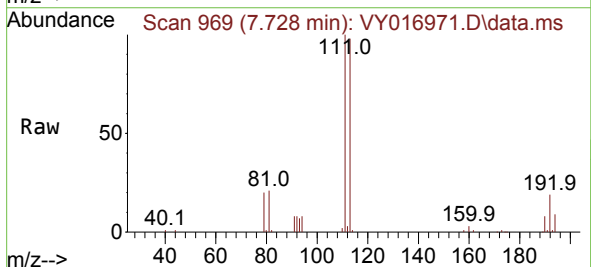
Tgt Ion:113 Resp: 53582

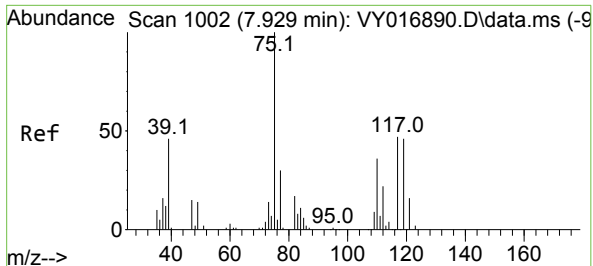
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 18.1 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.397 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.128 min

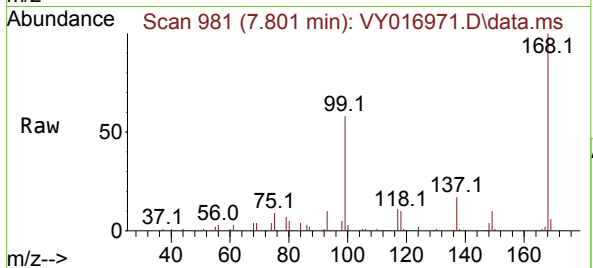
Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

Instrument :

MSVOA\_Y

ClientSampleId :



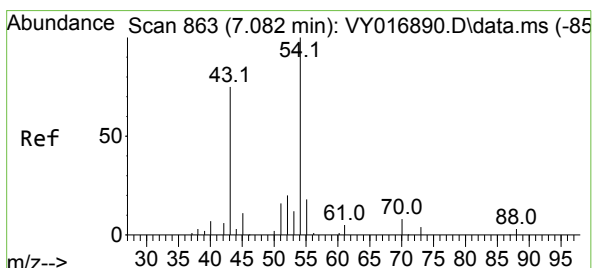
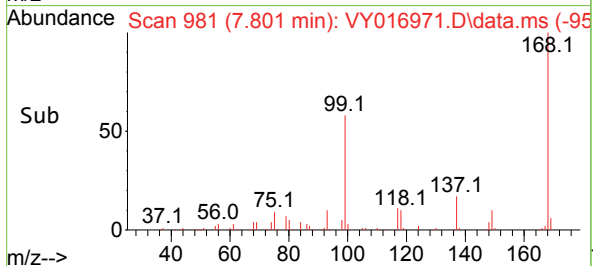
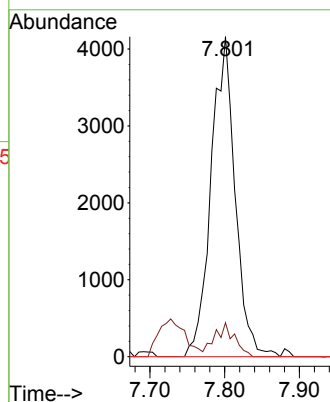
Tgt Ion: 75 Resp: 9301

Ion Ratio Lower Upper

75 100

110 8.6 17.4 52.3#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 54.230 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.092 min

Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

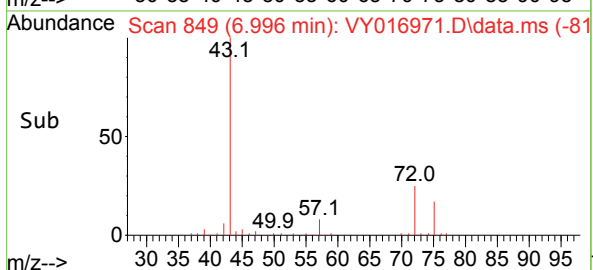
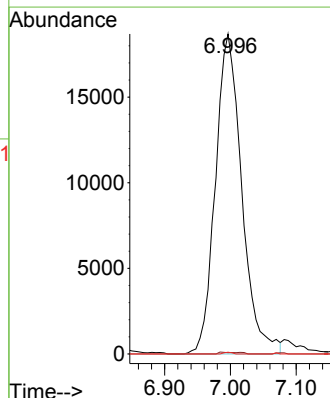
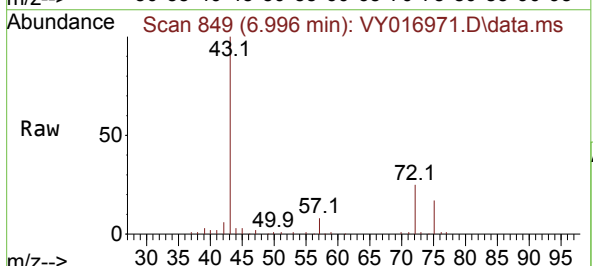
Tgt Ion: 43 Resp: 52132

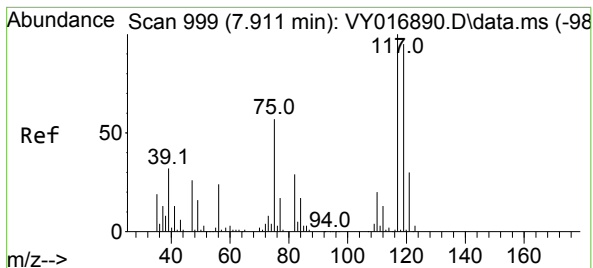
Ion Ratio Lower Upper

43 100

61 0.2 11.0 16.6#

70 0.2 8.1 12.1#





#38

Carbon Tetrachloride

Concen: 5.177 ug/l

RT: 7.801 min Scan# 909

Delta R.T. -0.116 min

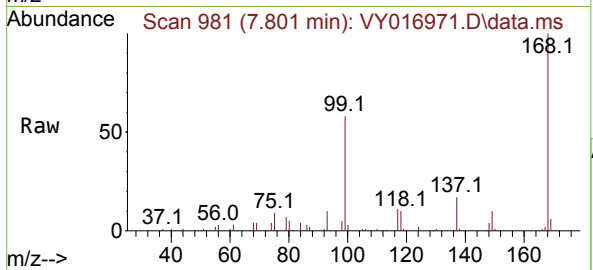
Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

Instrument :

MSVOA\_Y

ClientSampleId :



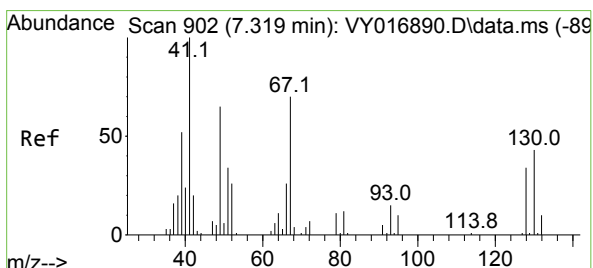
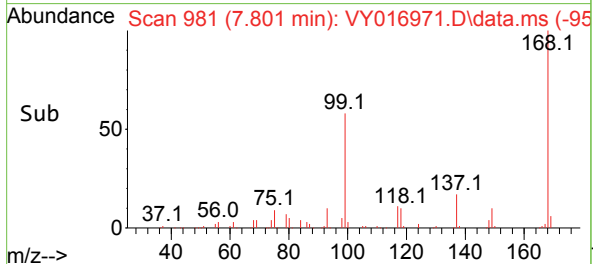
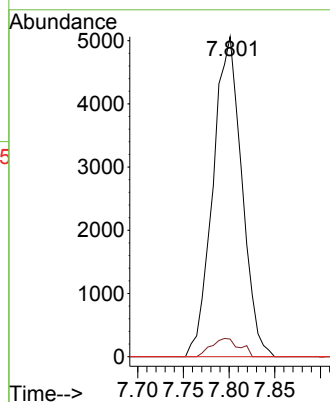
Tgt Ion:117 Resp: 11126

Ion Ratio Lower Upper

117 100

119 5.5 76.0 114.0#

121 0.0 24.2 36.2#



#41

Methacrylonitrile

Concen: 1.377 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.043 min

Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

Tgt Ion: 41 Resp: 697

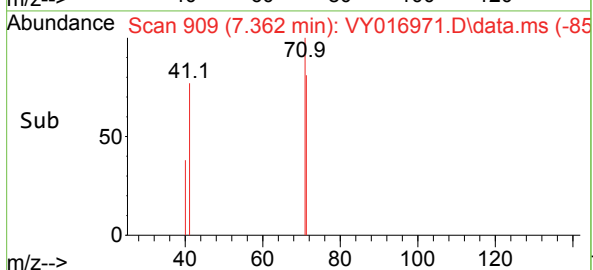
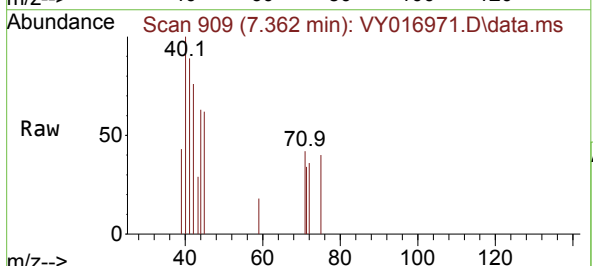
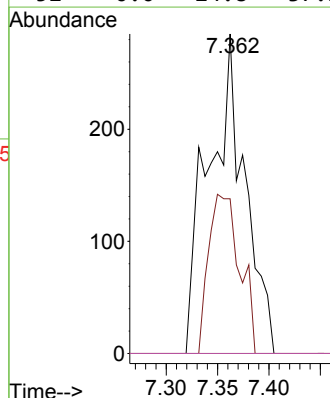
Ion Ratio Lower Upper

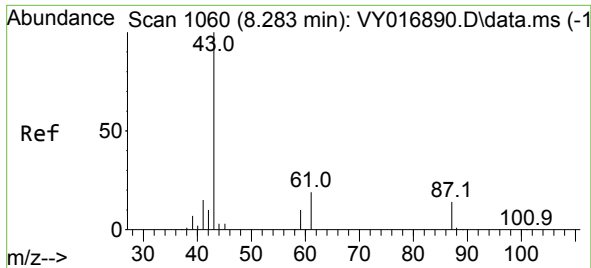
41 100

39 42.8 41.9 62.9

67 0.0 59.8 89.6#

52 0.0 24.8 37.2#

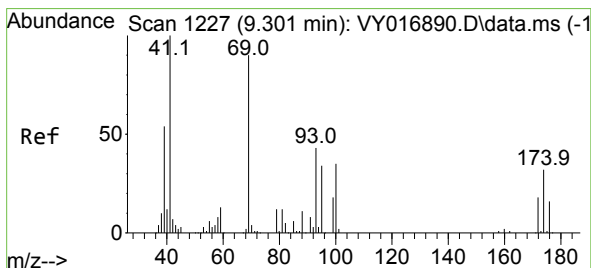
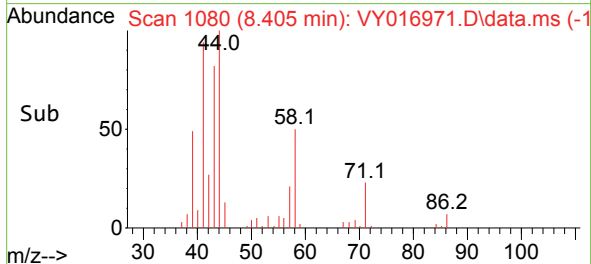
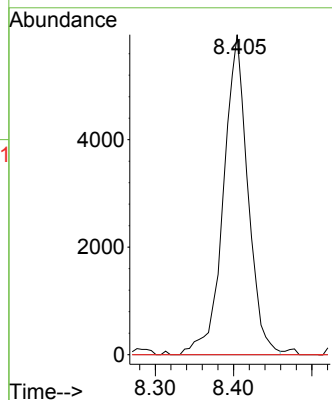
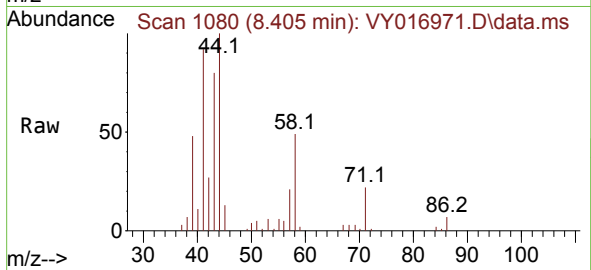




#43  
Isopropyl Acetate  
Concen: 6.989 ug/l  
RT: 8.405 min Scan# 1060  
Delta R.T. 0.122 min  
Lab File: VY016971.D  
Acq: 10 Jan 2024 14:27

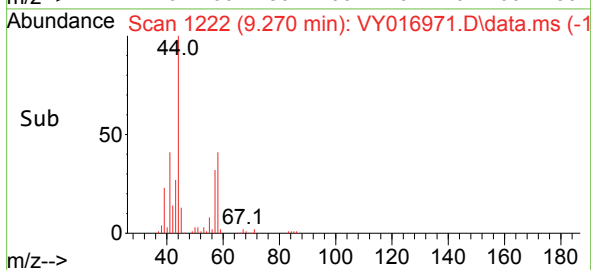
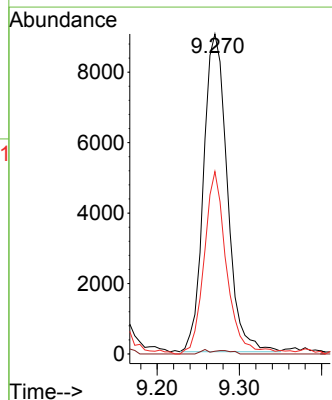
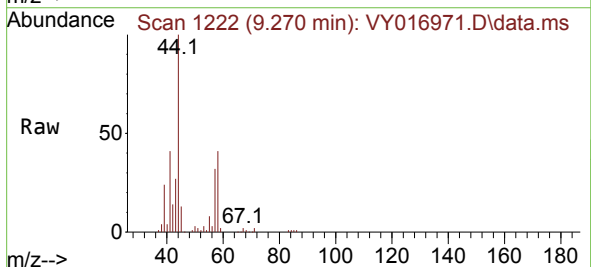
Instrument :  
MSVOA\_Y  
ClientSampleId :

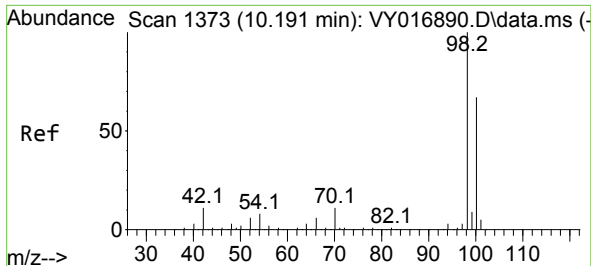
Tgt Ion: 43 Resp: 12866  
Ion Ratio Lower Upper  
43 100  
61 0.0 24.8 37.2#  
87 0.0 10.7 16.1#



#48  
Methyl methacrylate  
Concen: 18.198 ug/l  
RT: 9.270 min Scan# 1222  
Delta R.T. -0.031 min  
Lab File: VY016971.D  
Acq: 10 Jan 2024 14:27

Tgt Ion: 41 Resp: 18080  
Ion Ratio Lower Upper  
41 100  
69 0.7 72.1 108.1#  
39 54.6 42.8 64.2

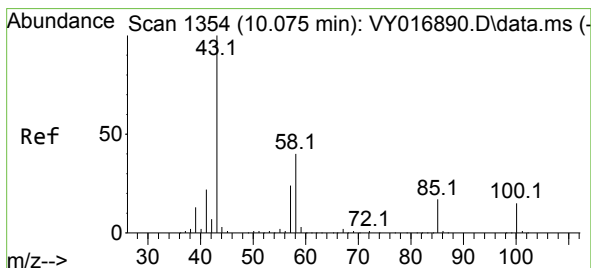
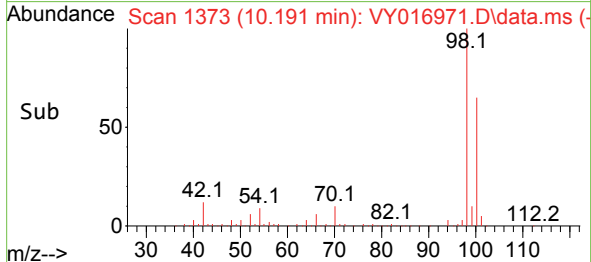
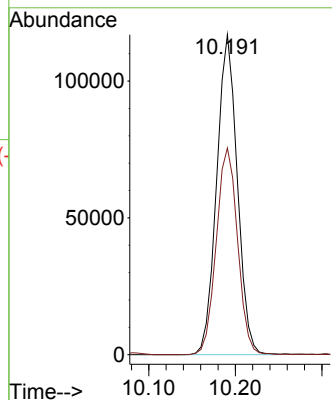
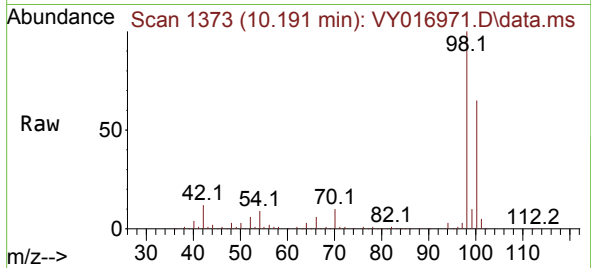




#50  
Toluene-d8  
Concen: 38.678 ug/l  
RT: 10.191 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY016971.D  
Acq: 10 Jan 2024 14:27

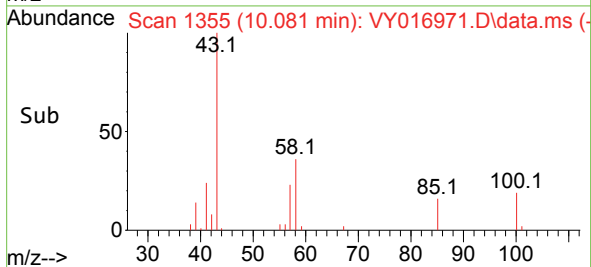
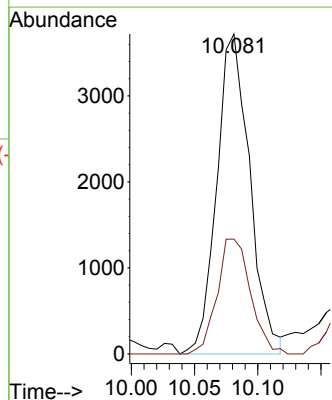
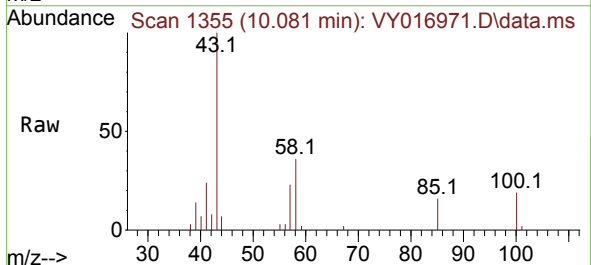
Instrument :  
MSVOA\_Y  
ClientSampleId :

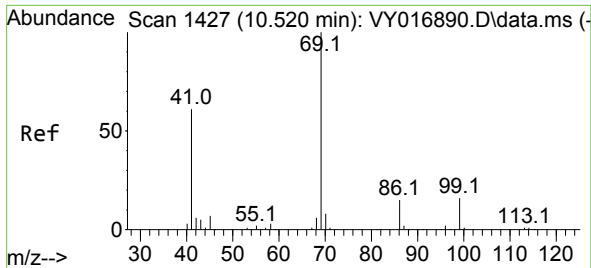
Tgt Ion: 98 Resp: 193324  
Ion Ratio Lower Upper  
98 100  
100 66.7 52.3 78.5



#51  
4-Methyl-2-Pentanone  
Concen: 6.891 ug/l  
RT: 10.081 min Scan# 1355  
Delta R.T. 0.000 min  
Lab File: VY016971.D  
Acq: 10 Jan 2024 14:27

Tgt Ion: 43 Resp: 6746  
Ion Ratio Lower Upper  
43 100  
58 36.4 32.2 48.2

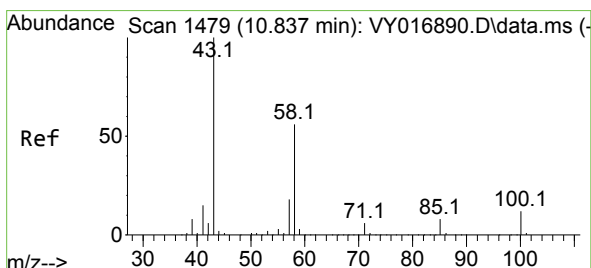
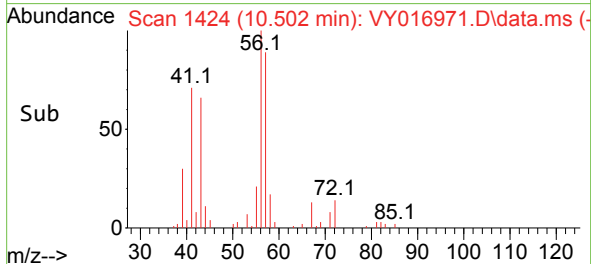
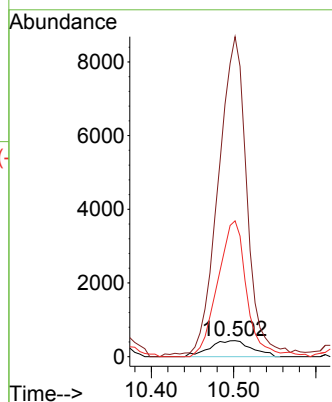
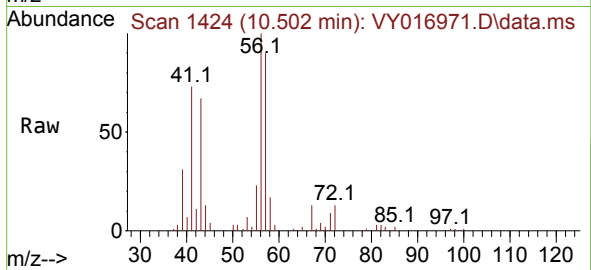




#56  
Ethyl methacrylate  
Concen: 1.490 ug/l  
RT: 10.502 min Scan# 1427  
Delta R.T. -0.018 min  
Lab File: VY016971.D  
Acq: 10 Jan 2024 14:27

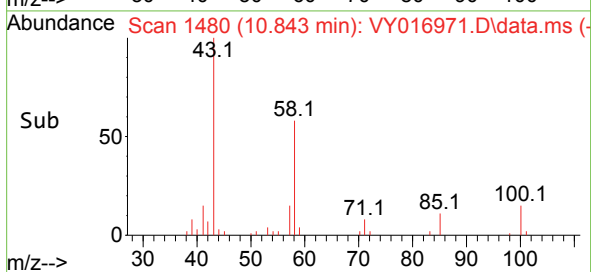
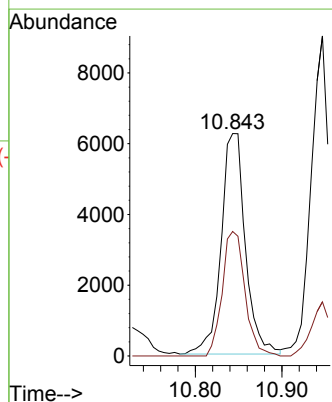
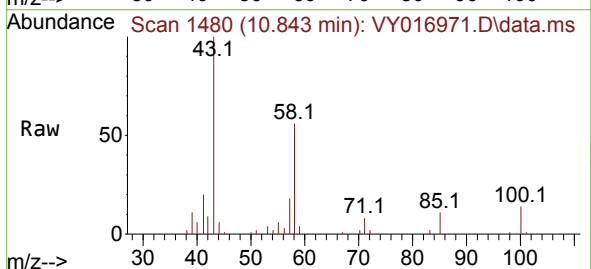
Instrument :  
MSVOA\_Y  
ClientSampleId :

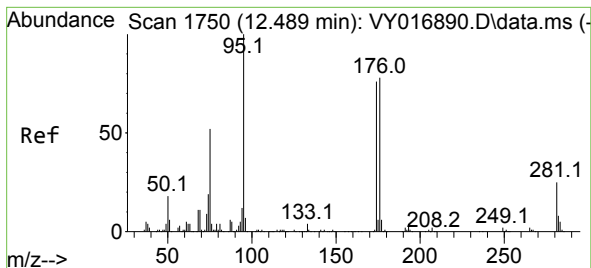
Tgt Ion: 69 Resp: 1537  
Ion Ratio Lower Upper  
69 100  
41 1384.5 49.2 73.8#  
39 590.9 26.8 40.2#



#59  
2-Hexanone  
Concen: 16.853 ug/l  
RT: 10.843 min Scan# 1480  
Delta R.T. 0.000 min  
Lab File: VY016971.D  
Acq: 10 Jan 2024 14:27

Tgt Ion: 43 Resp: 12149  
Ion Ratio Lower Upper  
43 100  
58 52.8 28.1 84.3

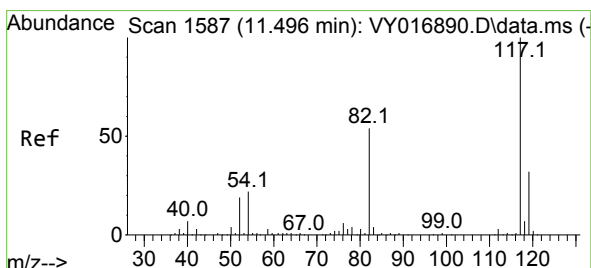
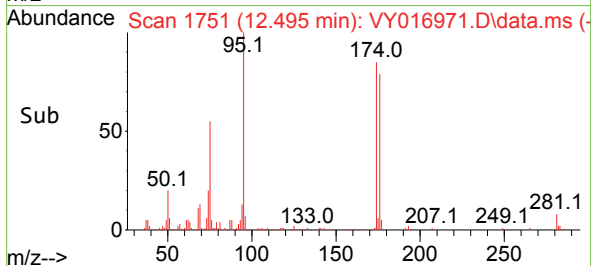
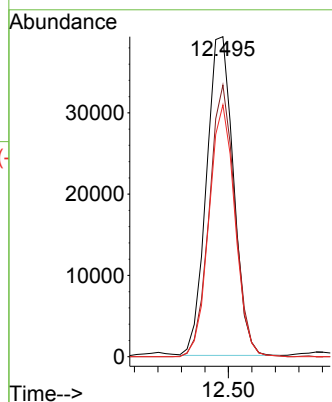
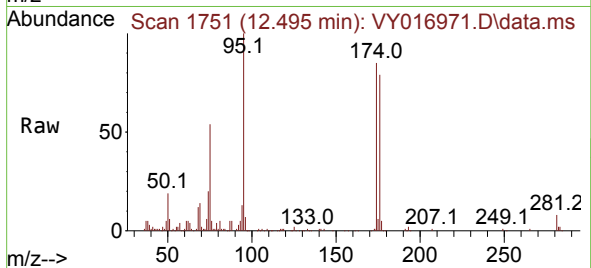




#62  
4-Bromofluorobenzene  
Concen: 37.218 ug/l  
RT: 12.495 min Scan# 1751  
Delta R.T. 0.006 min  
Lab File: VY016971.D  
Acq: 10 Jan 2024 14:27

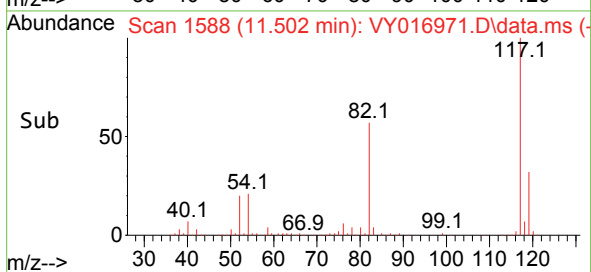
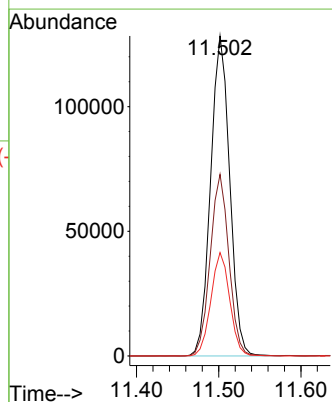
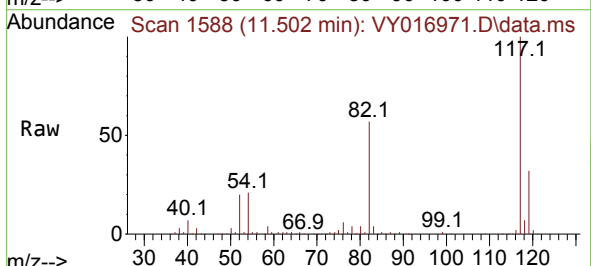
Instrument :  
MSVOA\_Y  
ClientSampleId :

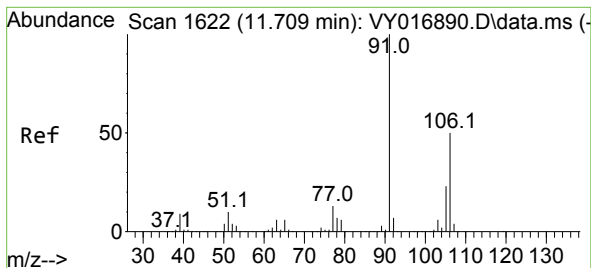
Tgt Ion: 95 Resp: 62763  
Ion Ratio Lower Upper  
95 100  
174 81.0 0.0 160.0  
176 75.9 0.0 151.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.502 min Scan# 1588  
Delta R.T. -0.000 min  
Lab File: VY016971.D  
Acq: 10 Jan 2024 14:27

Tgt Ion: 117 Resp: 207149  
Ion Ratio Lower Upper  
117 100  
82 56.7 43.8 65.8  
119 32.3 26.5 39.7

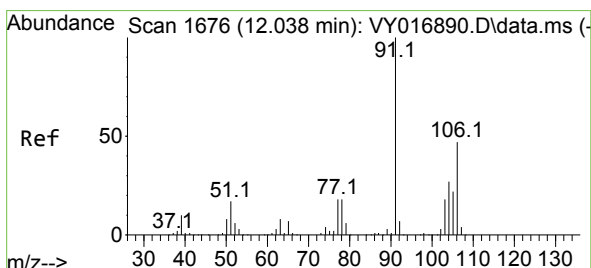
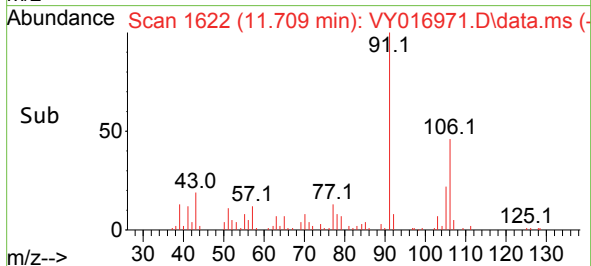
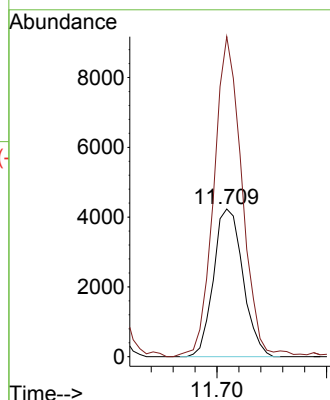
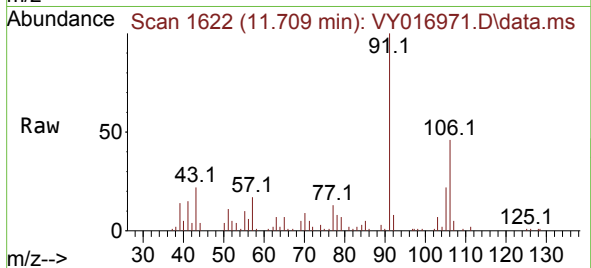




#68  
m/p-Xylenes  
Concen: 2.762 ug/l  
RT: 11.709 min Scan# 1622  
Delta R.T. -0.000 min  
Lab File: VY016971.D  
Acq: 10 Jan 2024 14:27

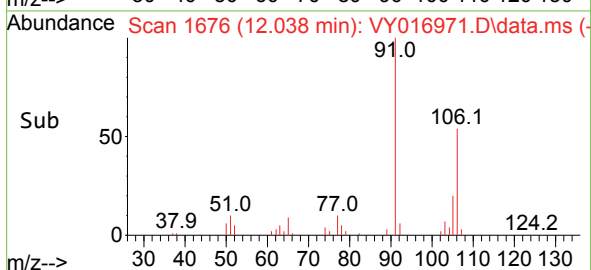
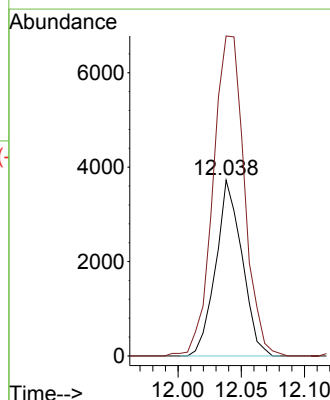
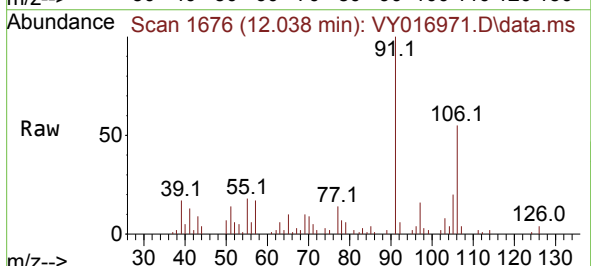
Instrument :  
MSVOA\_Y  
ClientSampleId :

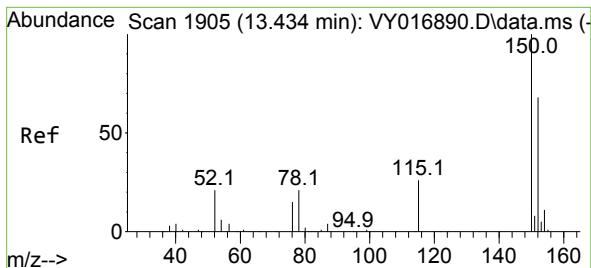
Tgt Ion:106 Resp: 7875  
Ion Ratio Lower Upper  
106 100  
91 207.7 160.7 241.1



#69  
o-Xylene  
Concen: 2.013 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VY016971.D  
Acq: 10 Jan 2024 14:27

Tgt Ion:106 Resp: 5382  
Ion Ratio Lower Upper  
106 100  
91 216.3 106.5 319.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

Instrument :

MSVOA\_Y

ClientSampleId :

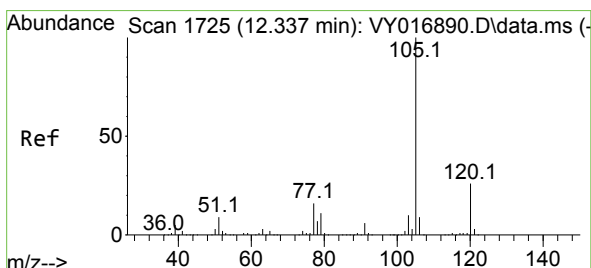
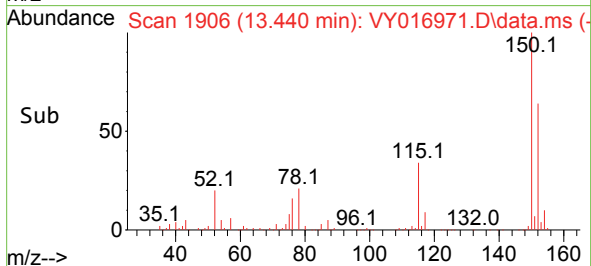
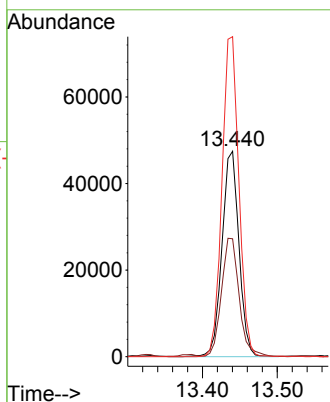
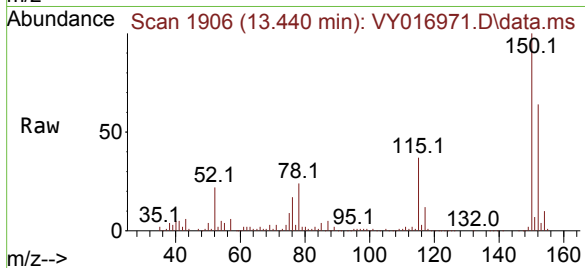
Tgt Ion:152 Resp: 74907

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 154.9 0.0 344.6



#73

Isopropylbenzene

Concen: 1.219 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.006 min

Lab File: VY016971.D

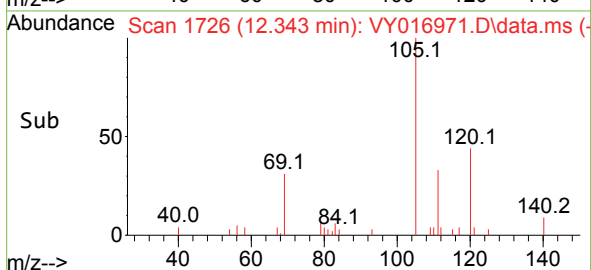
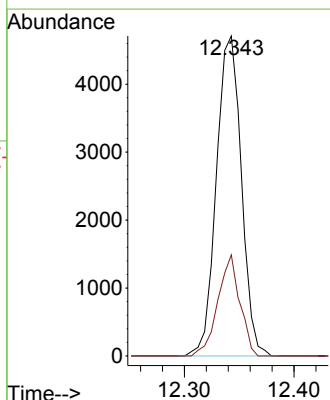
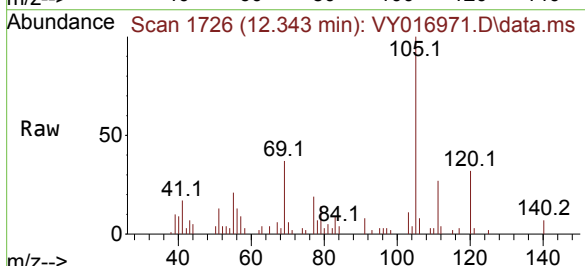
Acq: 10 Jan 2024 14:27

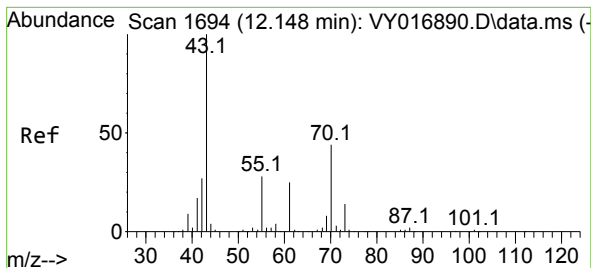
Tgt Ion:105 Resp: 7455

Ion Ratio Lower Upper

105 100

120 27.8 13.0 39.0





#74

N-amy1 acetate

Concen: 10.238 ug/l

RT: 12.117 min Scan# 1

Delta R.T. -0.037 min

Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 43 Resp: 12582

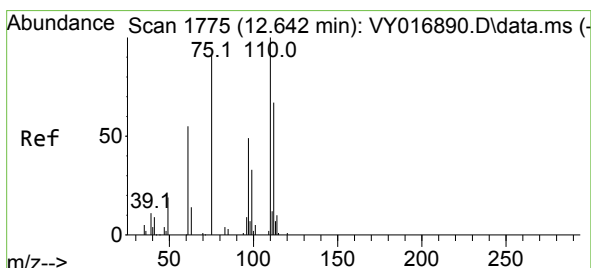
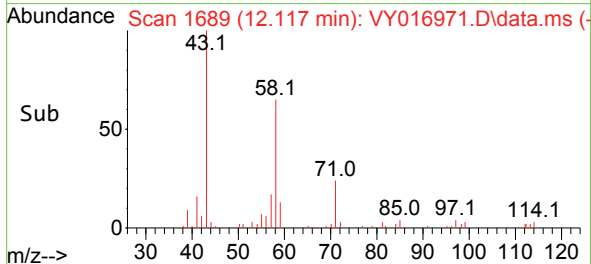
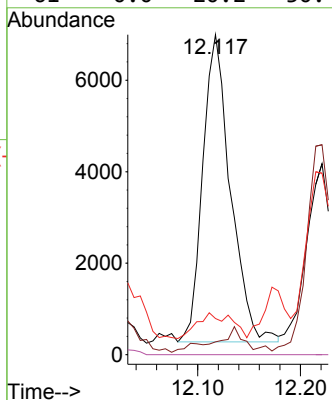
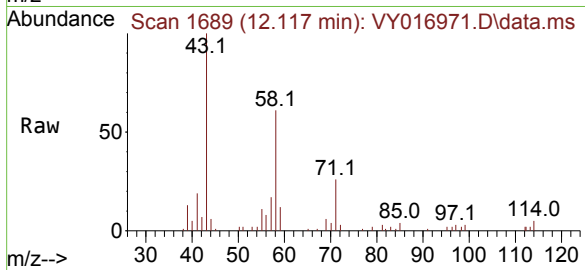
Ion Ratio Lower Upper

43 100

70 0.0 36.6 55.0#

55 10.2 22.2 33.4#

61 0.0 20.2 30.4#



#76

1,2,3-Trichloropropane

Concen: 41.322 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016971.D

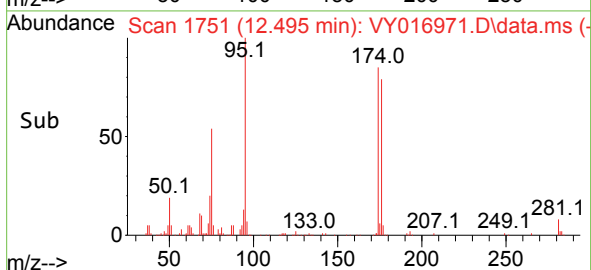
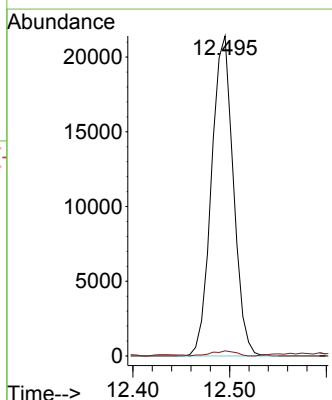
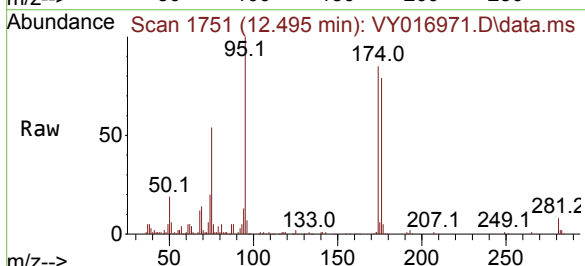
Acq: 10 Jan 2024 14:27

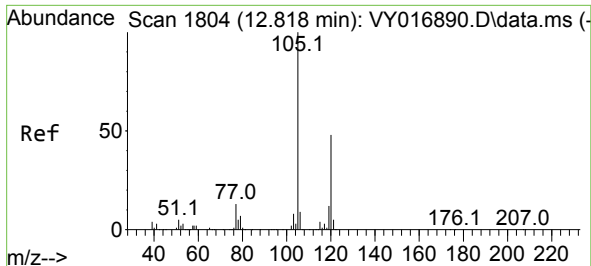
Tgt Ion: 75 Resp: 33590

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#

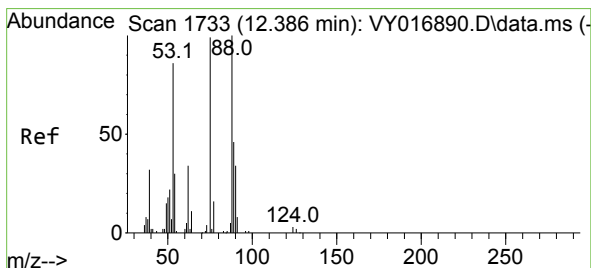
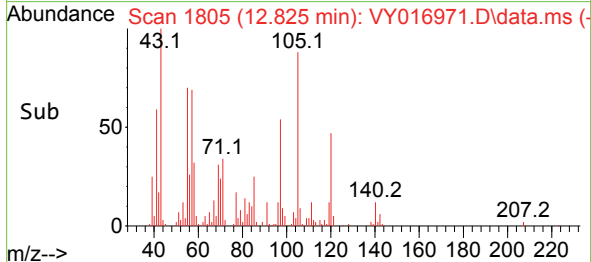
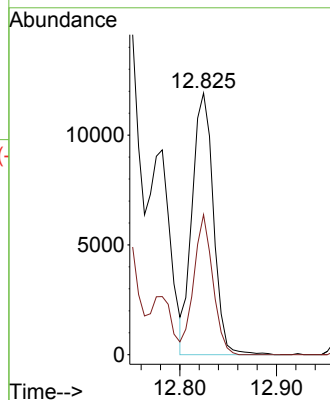
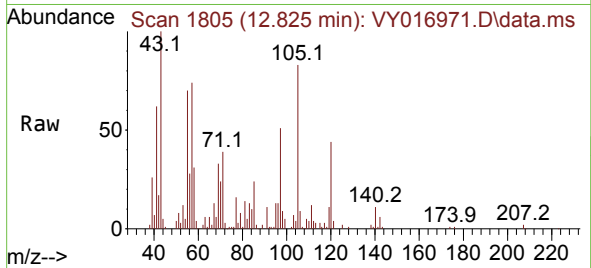




#80  
 1,3,5-Trimethylbenzene  
 Concen: 3.758 ug/l  
 RT: 12.825 min Scan# 1751  
 Delta R.T. 0.007 min  
 Lab File: VY016971.D  
 Acq: 10 Jan 2024 14:27

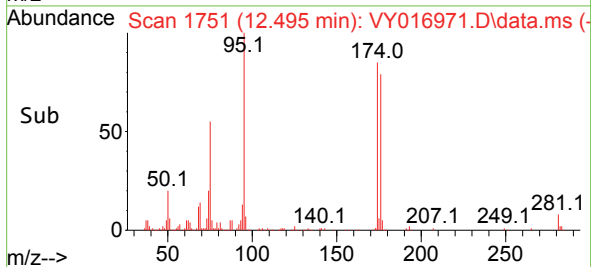
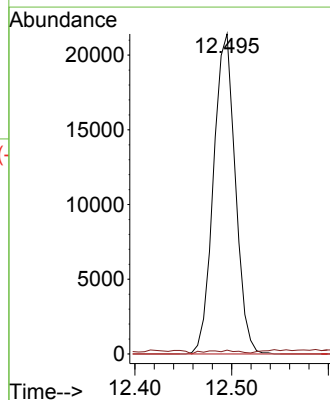
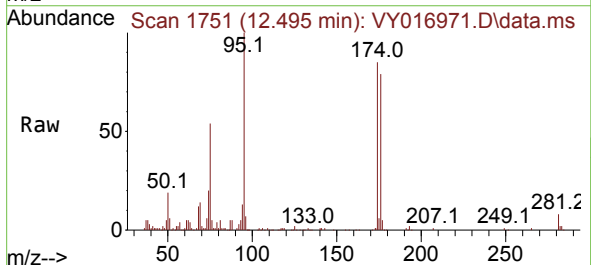
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

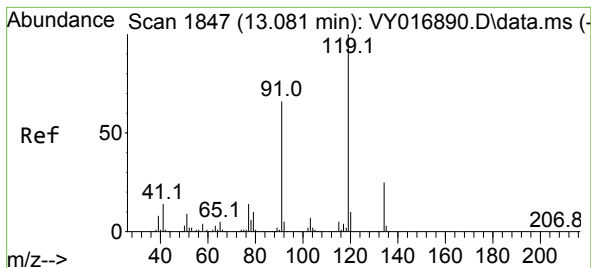
Tgt Ion:105 Resp: 18182  
 Ion Ratio Lower Upper  
 105 100  
 120 48.0 24.3 72.8



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 93.833 ug/l  
 RT: 12.495 min Scan# 1751  
 Delta R.T. 0.110 min  
 Lab File: VY016971.D  
 Acq: 10 Jan 2024 14:27

Tgt Ion: 75 Resp: 33590  
 Ion Ratio Lower Upper  
 75 100  
 53 0.9 74.0 111.0#  
 89 0.0 36.5 54.7#





#83

tert-Butylbenzene

Concen: 2.255 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.048 min

Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

Instrument :

MSVOA\_Y

ClientSampleId :

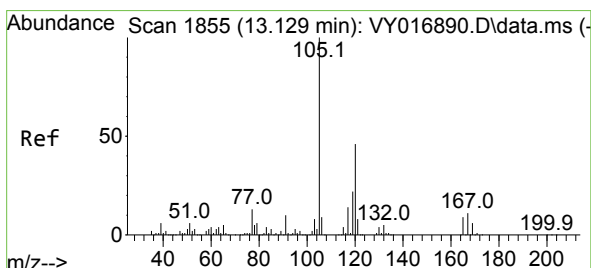
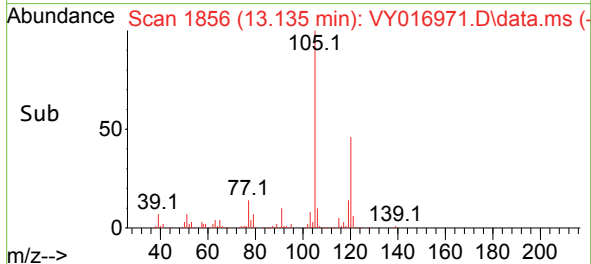
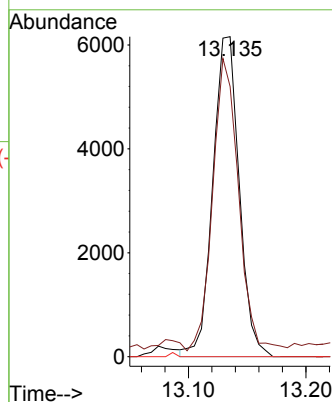
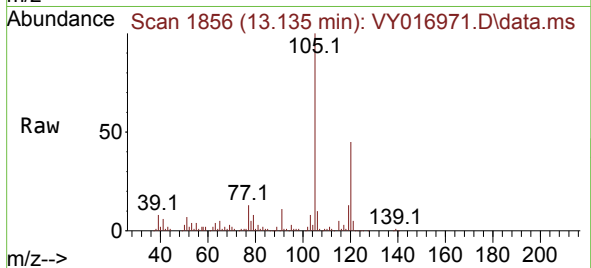
Tgt Ion:119 Resp: 9609

Ion Ratio Lower Upper

119 100

91 89.4 31.5 94.5

134 0.0 13.1 39.3#



#84

1,2,4-Trimethylbenzene

Concen: 16.544 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016971.D

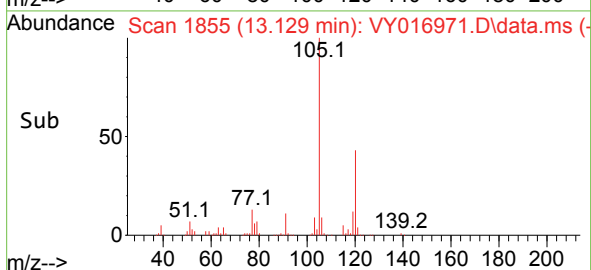
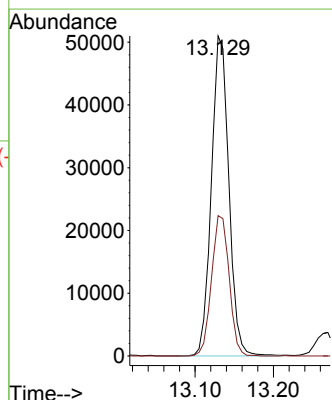
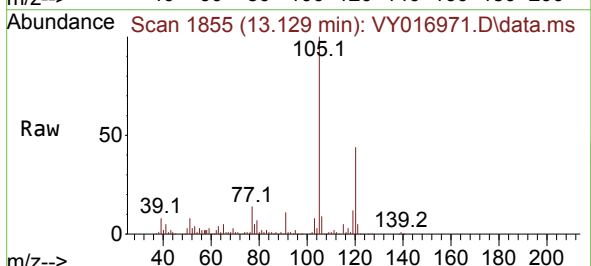
Acq: 10 Jan 2024 14:27

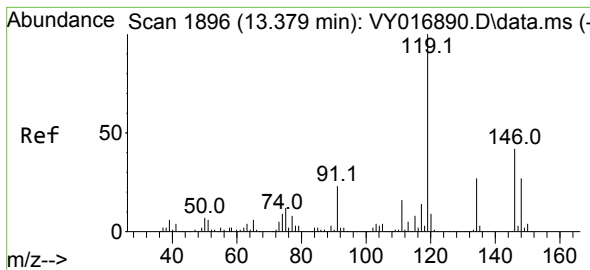
Tgt Ion:105 Resp: 78820

Ion Ratio Lower Upper

105 100

120 44.2 22.1 66.3





#86

p-Isopropyltoluene

Concen: 1.703 ug/l

RT: 13.379 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

Instrument :

MSVOA\_Y

ClientSampleId :

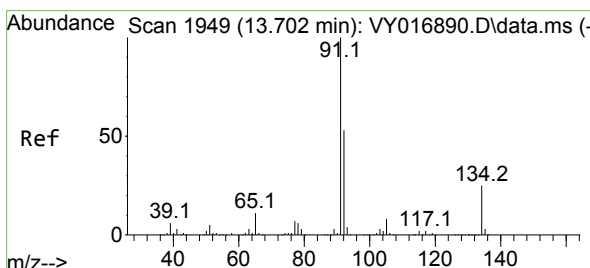
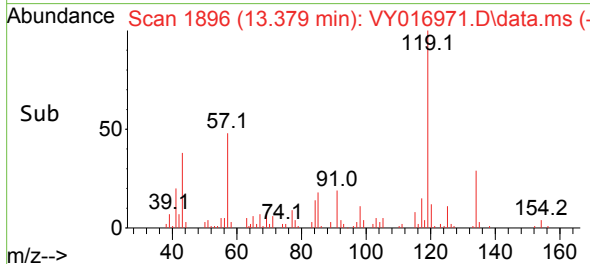
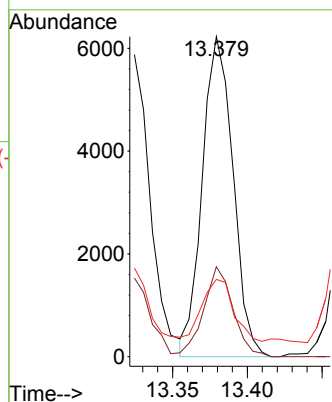
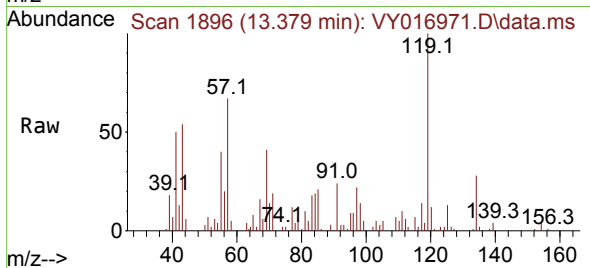
Tgt Ion:119 Resp: 8875

Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.1

91 20.2 11.7 35.0



#89

n-Butylbenzene

Concen: 1.071 ug/l

RT: 13.708 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

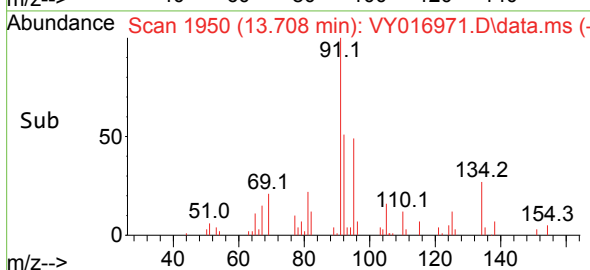
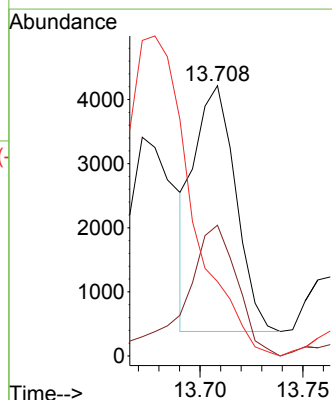
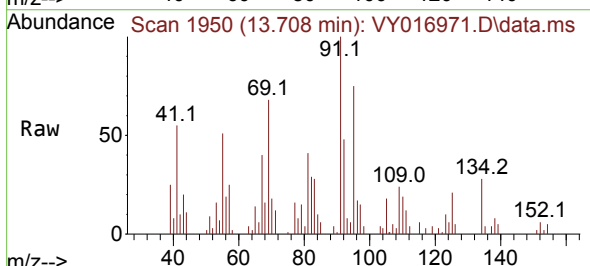
Tgt Ion: 91 Resp: 5366

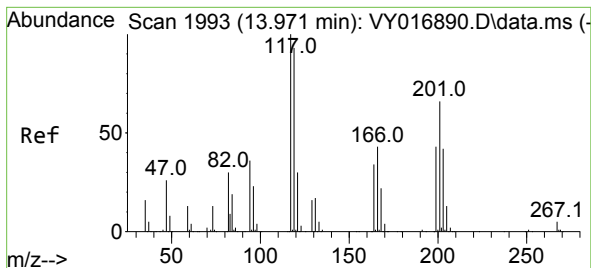
Ion Ratio Lower Upper

91 100

92 67.5 26.4 79.2

134 0.0 12.3 36.8#





#90

Hexachloroethane

Concen: 1.994 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

Instrument :

MSVOA\_Y

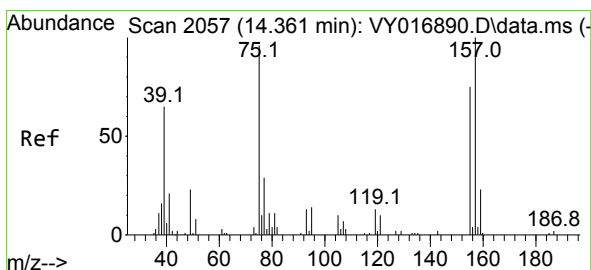
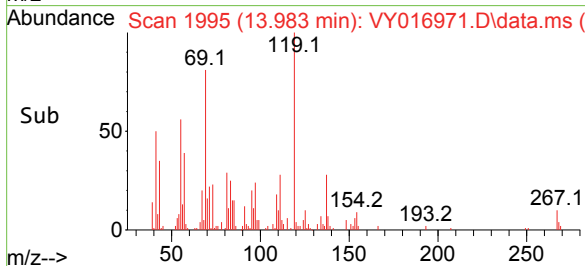
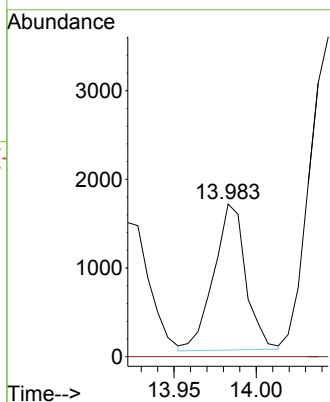
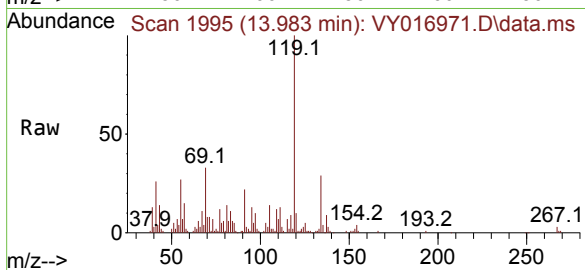
ClientSampleId :

Tgt Ion:117 Resp: 2233

Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.158 ug/l

RT: 14.391 min Scan# 2062

Delta R.T. 0.024 min

Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

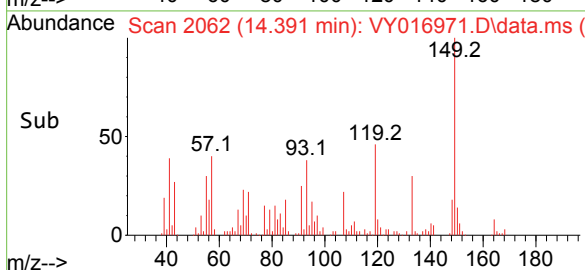
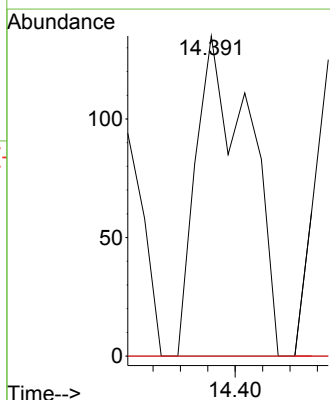
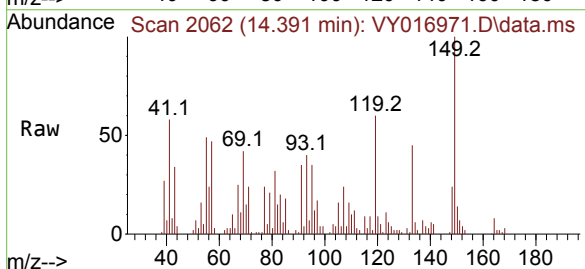
Tgt Ion: 75 Resp: 181

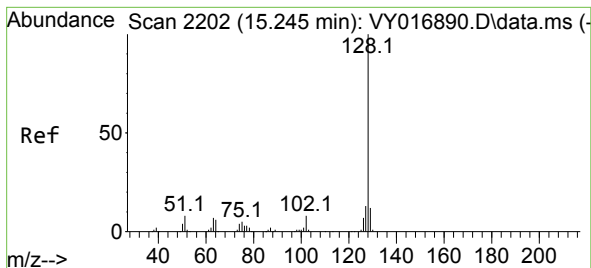
Ion Ratio Lower Upper

75 100

155 0.0 42.1 126.3#

157 0.0 55.8 167.4#





#95

Naphthalene

Concen: 15.207 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016971.D

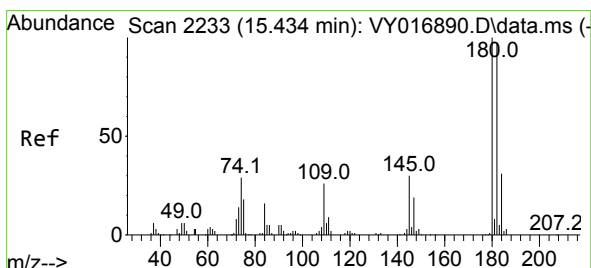
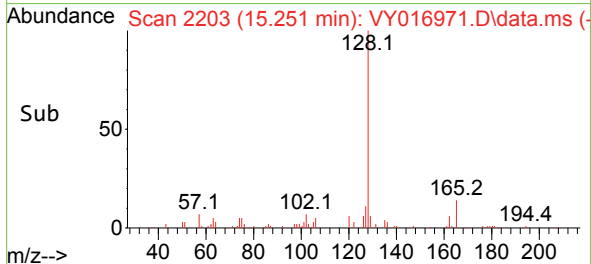
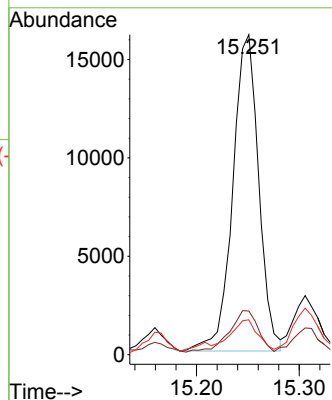
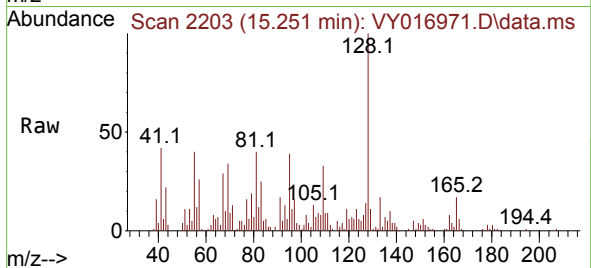
Acq: 10 Jan 2024 14:27

Instrument :

MSVOA\_Y

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 28241 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 14.5  | 10.2  | 15.4  |
| 129       | 9.3   | 8.6   | 12.8  |



#96

1,2,3-Trichlorobenzene

Concen: 2.523 ug/l

RT: 15.403 min Scan# 2228

Delta R.T. -0.031 min

Lab File: VY016971.D

Acq: 10 Jan 2024 14:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 2428   |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 15.3  | 46.3  | 138.8# |
| 145       | 456.3 | 16.1  | 48.2#  |

