

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020322\  
 Data File : VY007378.D  
 Acq On : 03 Feb 2022 16:04  
 Operator : SY/MD  
 Sample : N1381-03  
 Misc : 6.79g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Feb 04 08:40:45 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020222S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 03 04:36:48 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 7.789  | 168   | 108350   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.691  | 114   | 195632   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.489 | 117   | 156703   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.422 | 152   | 35625    | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.142  | 65    | 62217    | 49.922    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | =      | 99.840%  |
| 35) Dibromofluoromethane      | 7.716  | 113   | 63078    | 50.212    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | =      | 100.420% |
| 50) Toluene-d8                | 10.179 | 98    | 239484   | 51.600    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 49 - 140 | Recovery  | =      | 103.200% |
| 62) 4-Bromofluorobenzene      | 12.477 | 95    | 69557    | 44.094    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 25 - 144 | Recovery  | =      | 88.180%  |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 3) Chloromethane              | 2.107  | 50    | 750      | Below Cal | #      | 73       |
| 11) Tert butyl alcohol        | 4.960  | 59    | 123      | Below Cal | #      | 77       |
| 16) Acetone                   | 3.948  | 43    | 26763    | 66.120    | ug/l   | 98       |
| 17) Carbon Disulfide          | 4.192  | 76    | 33470    | 8.454     | ug/l   | 97       |
| 18) Methyl Acetate            | 4.485  | 43    | 934      | 1.232     | ug/l   | # 68     |
| 20) Methylene Chloride        | 4.704  | 84    | 470      | Below Cal | #      | 78       |
| 25) 2-Butanone                | 6.984  | 43    | 8778     | 17.950    | ug/l   | 97       |
| 29) Tetrahydrofuran           | 7.356  | 42    | 328      | 1.161     | ug/l   | # 50     |
| 31) Cyclohexane               | 7.789  | 56    | 12882    | 5.297     | ug/l   | # 78     |
| 36) 1,1-Dichloropropene       | 7.783  | 75    | 9063     | 4.127     | ug/l   | # 52     |
| 37) Ethyl Acetate             | 6.984  | 43    | 8778     | 8.040     | ug/l   | # 73     |
| 38) Carbon Tetrachloride      | 7.789  | 117   | 11793    | 5.111     | ug/l   | # 15     |
| 39) Methylcyclohexane         | 9.179  | 83    | 47595    | 17.257    | ug/l   | 90       |
| 43) Isopropyl Acetate         | 8.264  | 43    | 2733     | 1.338     | ug/l   | # 56     |
| 47) Bromodichloromethane      | 9.459  | 83    | 2381     | 1.153     | ug/l   | # 48     |
| 48) Methyl methacrylate       | 9.246  | 41    | 4728     | 5.120     | ug/l   | # 45     |
| 51) 4-Methyl-2-Pentanone      | 10.179 | 43    | 7373     | 7.120     | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.618 | 97    | 27691    | 24.688    | ug/l   | # 20     |
| 56) Ethyl methacrylate        | 10.520 | 69    | 11226    | 7.206     | ug/l   | # 1      |
| 59) 2-Hexanone                | 10.801 | 43    | 62659    | 82.994    | ug/l   | # 34     |
| 68) m/p-Xylenes               | 11.703 | 106   | 7147     | 2.917     | ug/l   | 90       |
| 69) o-Xylene                  | 12.026 | 106   | 4888     | 2.110     | ug/l   | 63       |
| 73) Isopropylbenzene          | 12.331 | 105   | 9032     | 2.774     | ug/l   | 99       |
| 74) N-amyl acetate            | 12.117 | 43    | 111516   | 138.373   | ug/l   | # 66     |
| 75) 1,1,2,2-Tetrachloroethane | 12.483 | 83    | 8568     | 14.410    | ug/l   | 82       |
| 76) 1,2,3-Trichloropropane    | 12.477 | 75    | 31946    | 75.431    | ug/l   | # 100    |
| 78) n-propylbenzene           | 12.666 | 91    | 16516    | 4.188     | ug/l   | 94       |
| 79) 2-Chlorotoluene           | 12.758 | 91    | 4294     | 1.967     | ug/l   | # 41     |
| 81) trans-1,4-Dichloro-2-b... | 12.477 | 75    | 31946    | 151.119   | ug/l   | # 19     |
| 83) tert-Butylbenzene         | 13.075 | 119   | 14754    | 6.381     | ug/l   | 83       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105   | 4322     | 1.653     | ug/l   | 80       |
| 85) sec-Butylbenzene          | 13.251 | 105   | 40198    | 11.591    | ug/l   | # 51     |
| 89) n-Butylbenzene            | 13.690 | 91    | 8117     | 2.985     | ug/l   | 88       |
| 90) Hexachloroethane          | 13.971 | 117   | 1561     | 2.924     | ug/l   | # 6      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.404 | 75    | 652      | 6.748     | ug/l   | # 24     |
| 95) Naphthalene               | 15.196 | 128   | 2706     | 1.879     | ug/l   | # 1      |

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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Feb 04 08:40:45 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020222S.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 03 04:36:48 2022  
Response via : Initial Calibration

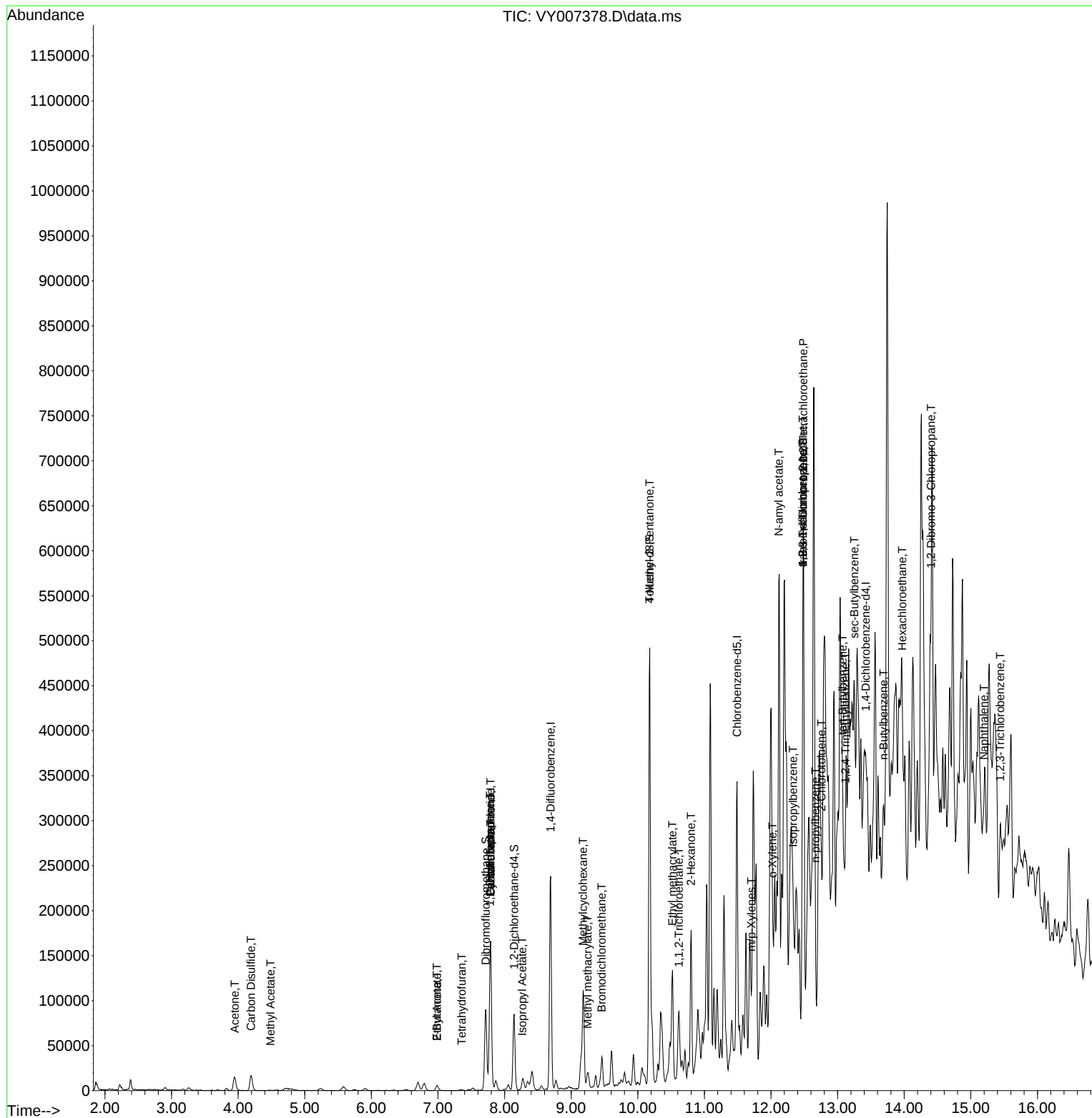
| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| 96) 1,2,3-Trichlorobenzene | 15.440 | 180  | 2075     | 3.546 | ug/l  | # 13     |

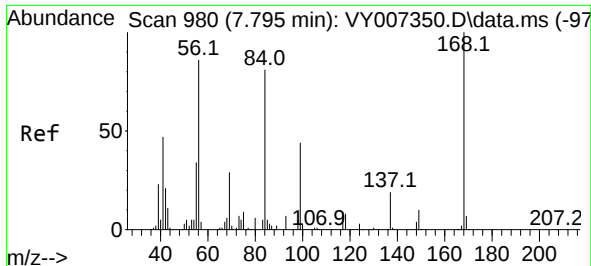
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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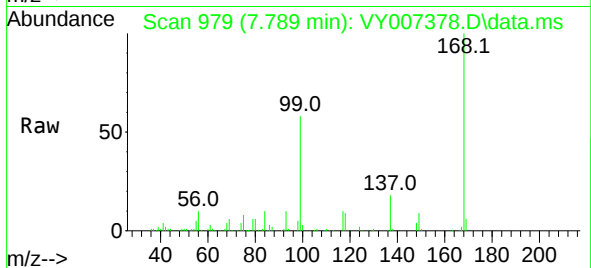
Quant Time: Feb 04 08:40:45 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020222S.M  
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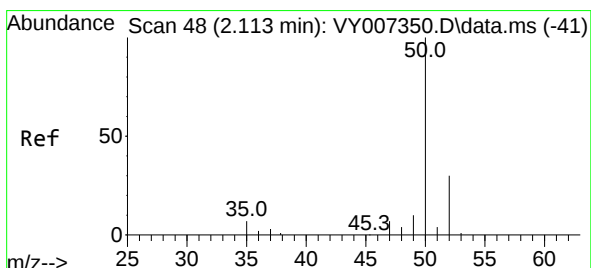
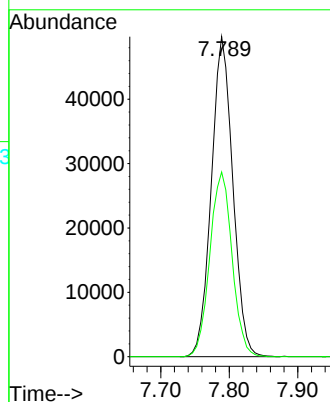
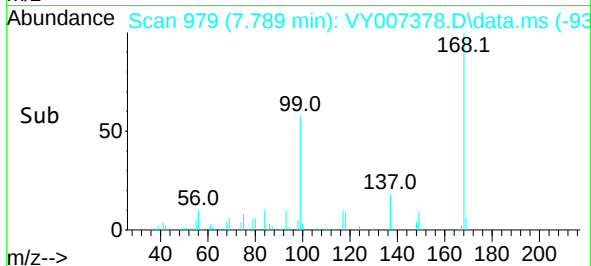


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

Instrument :  
MSVOA\_Y  
ClientSampleId :

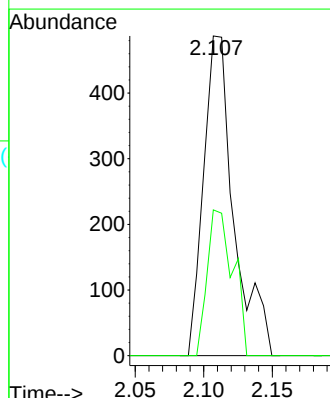
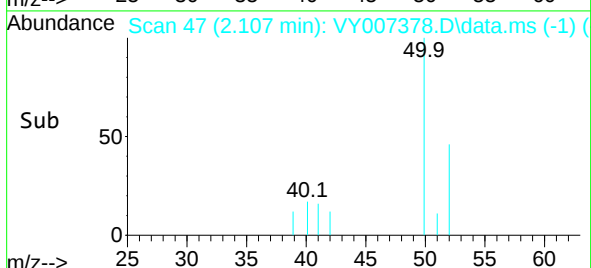
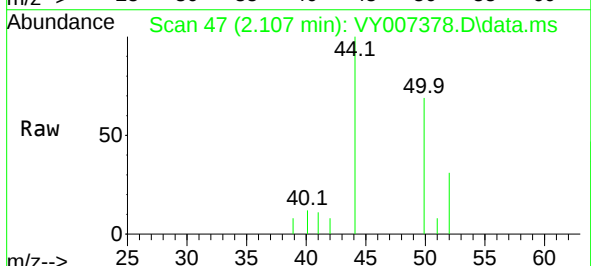


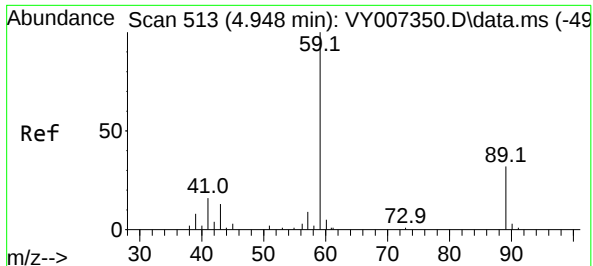
Tgt Ion:168 Resp: 108350  
Ion Ratio Lower Upper  
168 100  
99 57.7 46.9 70.3



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.107 min Scan# 47  
Delta R.T. -0.006 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

Tgt Ion: 50 Resp: 750  
Ion Ratio Lower Upper  
50 100  
52 45.6 24.6 37.0#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.960 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY007378.D

Acq: 03 Feb 2022 16:04

Instrument :

MSVOA\_Y

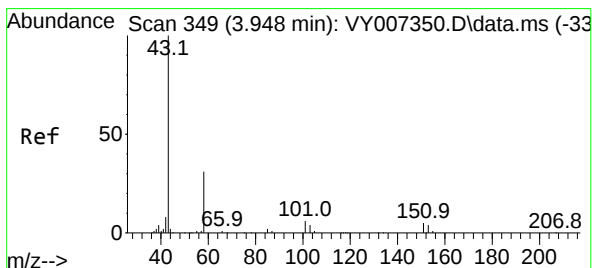
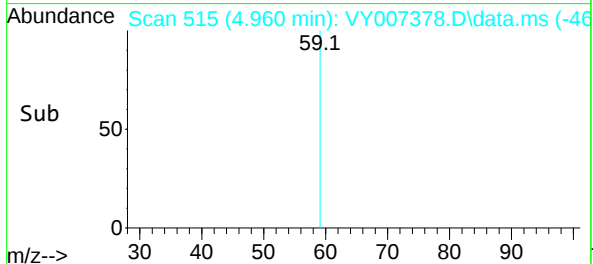
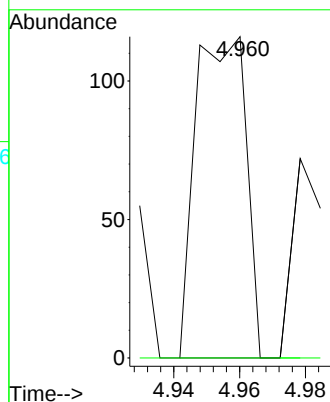
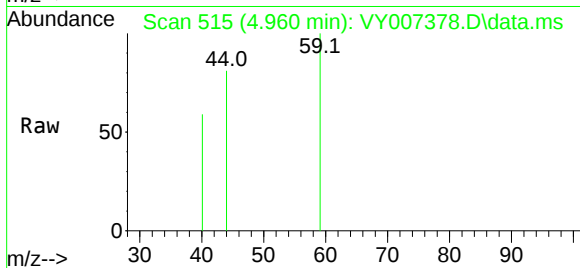
ClientSampleId :

Tgt Ion: 59 Resp: 123

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 66.120 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY007378.D

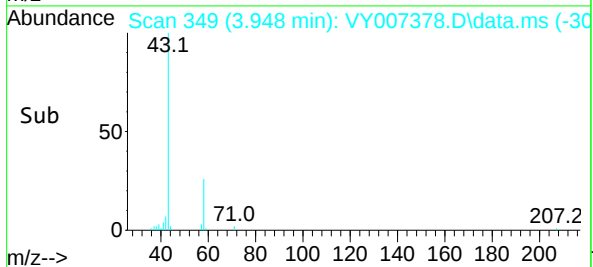
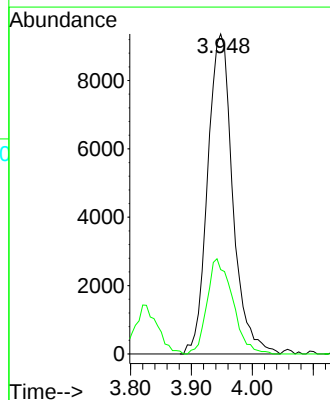
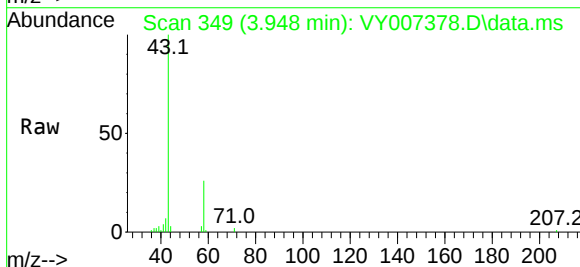
Acq: 03 Feb 2022 16:04

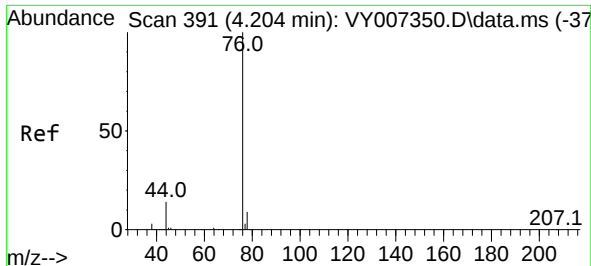
Tgt Ion: 43 Resp: 26763

Ion Ratio Lower Upper

43 100

58 26.4 22.0 33.0

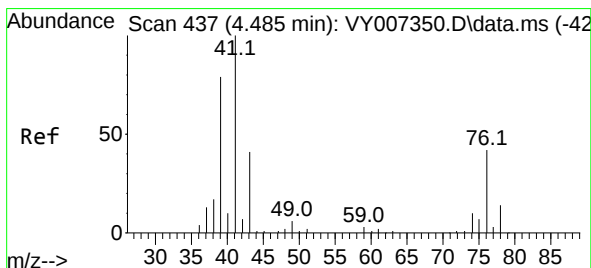
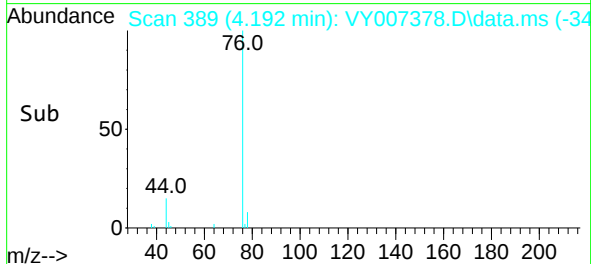
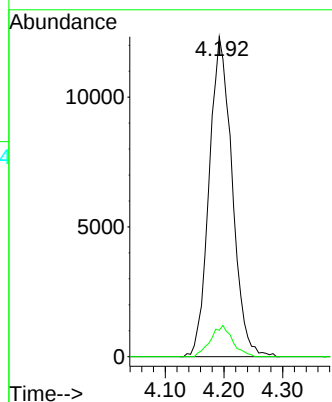
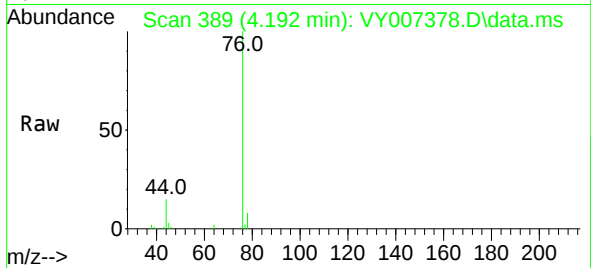




#17  
Carbon Disulfide  
Concen: 8.454 ug/l  
RT: 4.192 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

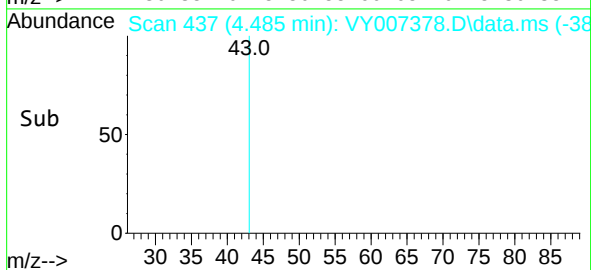
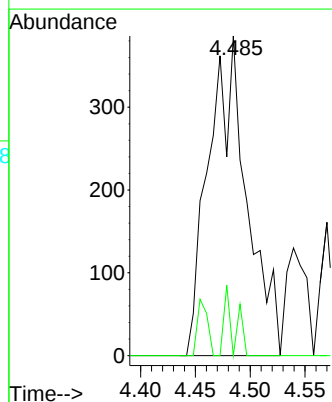
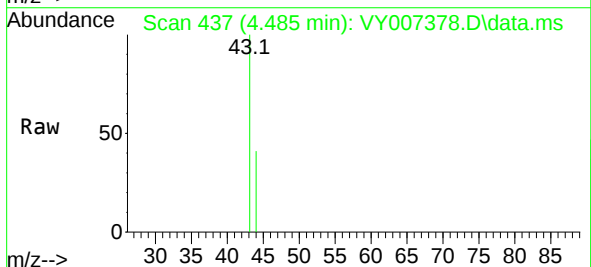
Instrument :  
MSVOA\_Y  
ClientSampleId :

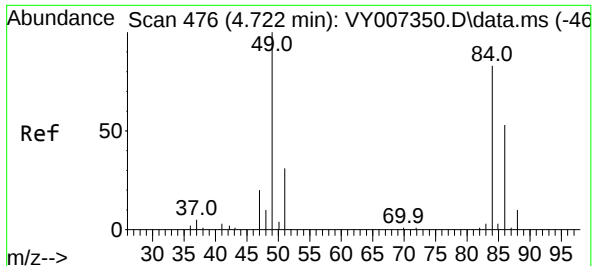
Tgt Ion: 76 Resp: 33470  
Ion Ratio Lower Upper  
76 100  
78 8.2 7.4 11.0



#18  
Methyl Acetate  
Concen: 1.232 ug/l  
RT: 4.485 min Scan# 437  
Delta R.T. -0.000 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

Tgt Ion: 43 Resp: 934  
Ion Ratio Lower Upper  
43 100  
74 5.8 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.018 min

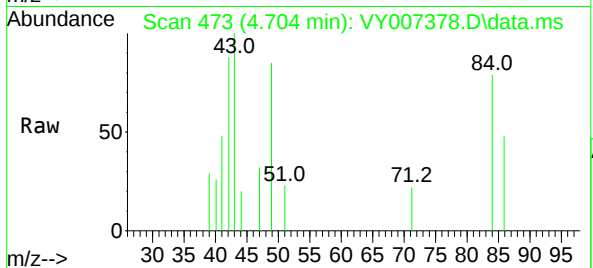
Lab File: VY007378.D

Acq: 03 Feb 2022 16:04

Instrument :

MSVOA\_Y

ClientSampleId :



Tgt Ion: 84 Resp: 470

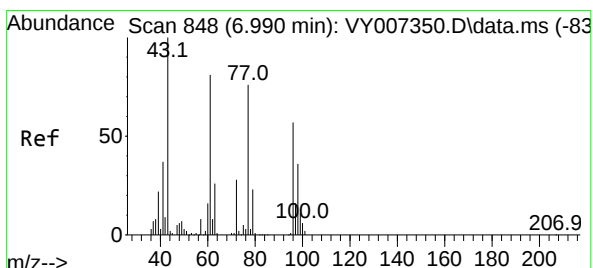
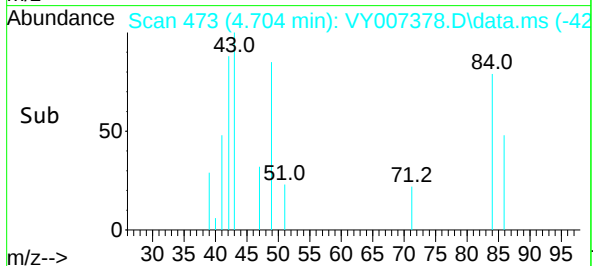
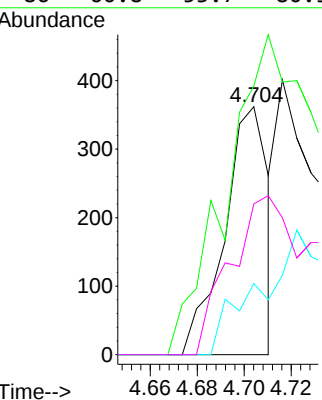
Ion Ratio Lower Upper

84 100

49 108.3 114.4 171.6#

51 28.7 35.3 52.9#

86 60.8 53.7 80.5



#25

2-Butanone

Concen: 17.950 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY007378.D

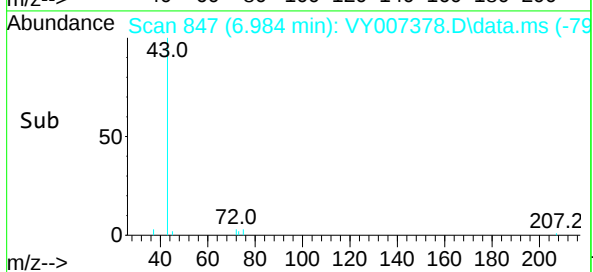
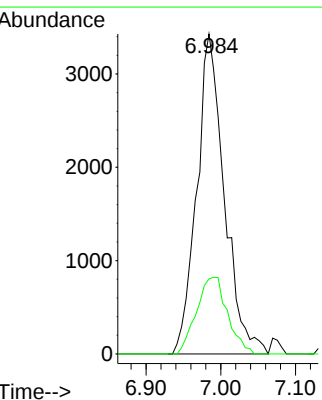
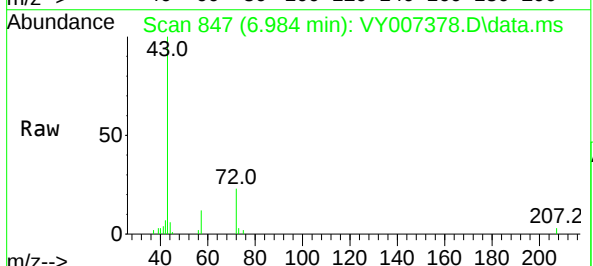
Acq: 03 Feb 2022 16:04

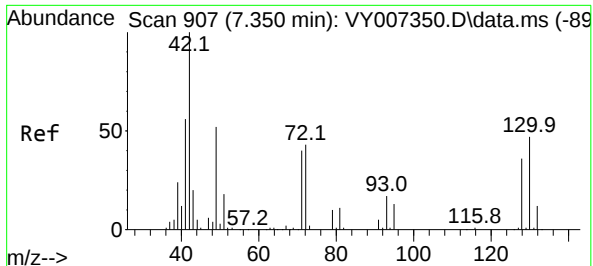
Tgt Ion: 43 Resp: 8778

Ion Ratio Lower Upper

43 100

72 23.4 17.7 26.5





#29

Tetrahydrofuran

Concen: 1.161 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

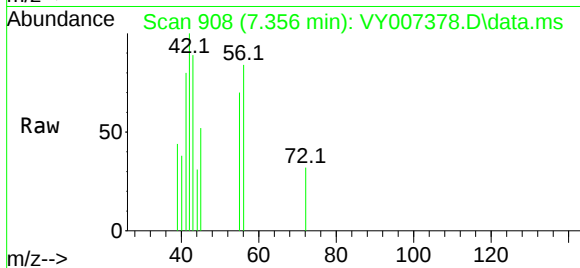
Lab File: VY007378.D

Acq: 03 Feb 2022 16:04

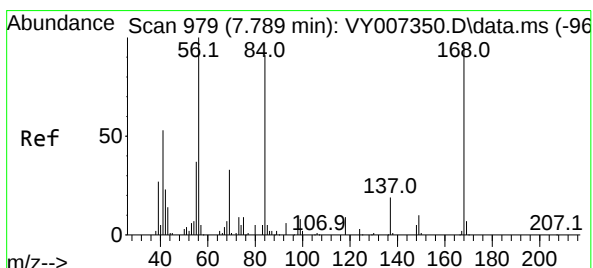
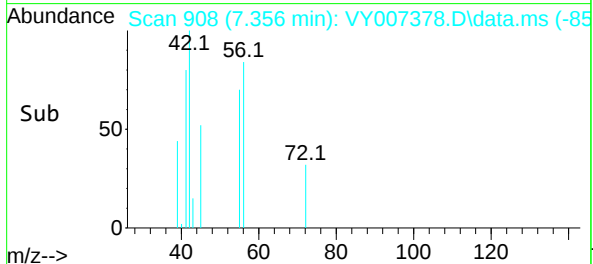
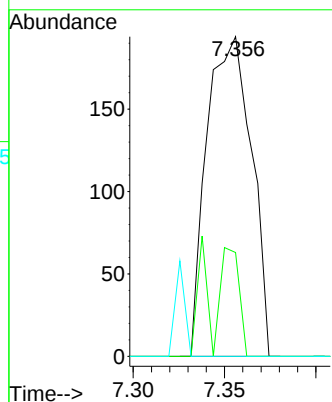
Instrument :

MSVOA\_Y

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 328   |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 14.3  | 30.3  | 45.5# |
| 71       | 0.0   | 29.0  | 43.4# |



#31

Cyclohexane

Concen: 5.297 ug/l

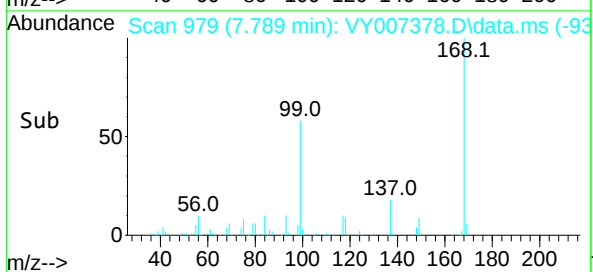
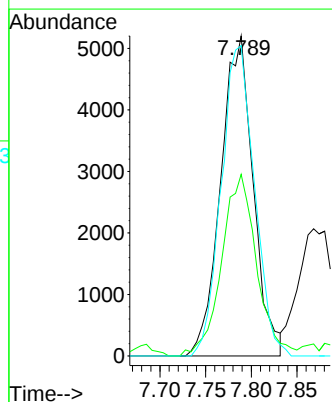
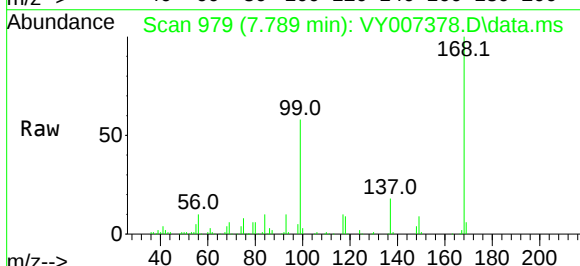
RT: 7.789 min Scan# 979

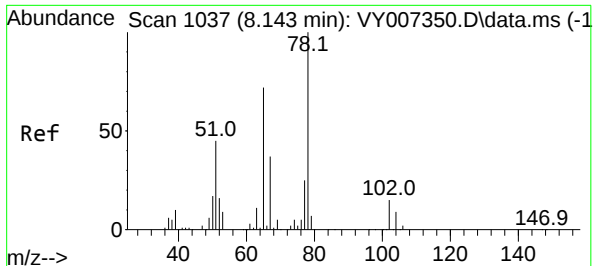
Delta R.T. -0.000 min

Lab File: VY007378.D

Acq: 03 Feb 2022 16:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 12882 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 56.8  | 26.7  | 40.1# |
| 84       | 97.0  | 67.2  | 100.8 |





#33

1,2-Dichloroethane-d4

Concen: 49.922 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007378.D

Acq: 03 Feb 2022 16:04

Instrument :

MSVOA\_Y

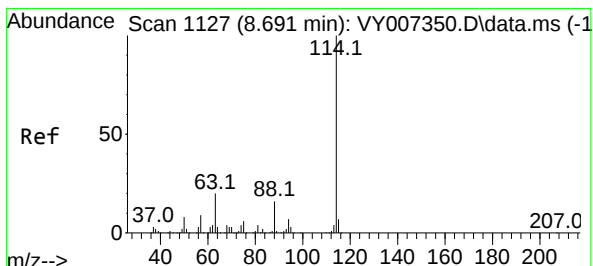
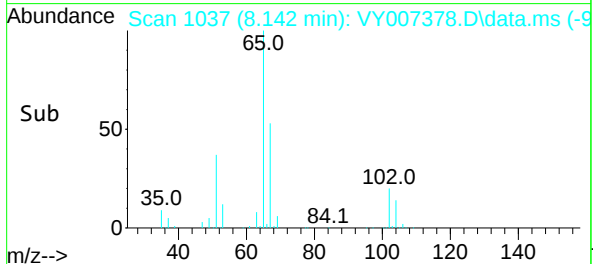
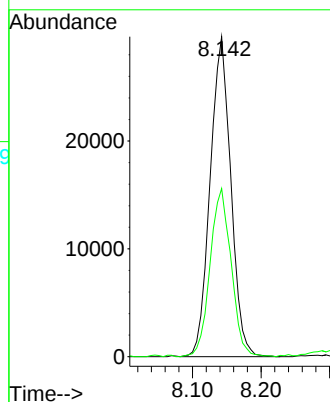
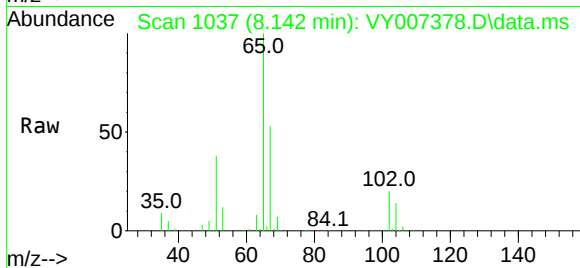
ClientSampleId :

Tgt Ion: 65 Resp: 62217

Ion Ratio Lower Upper

65 100

67 53.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007378.D

Acq: 03 Feb 2022 16:04

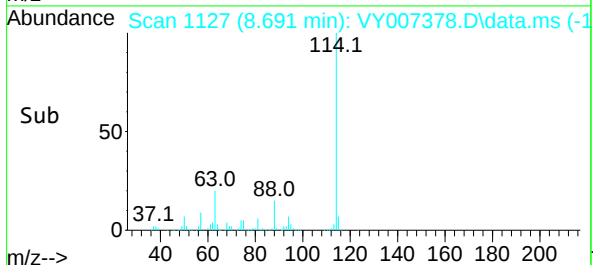
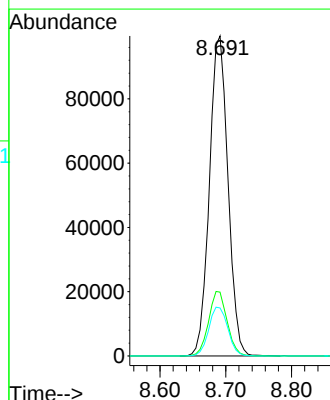
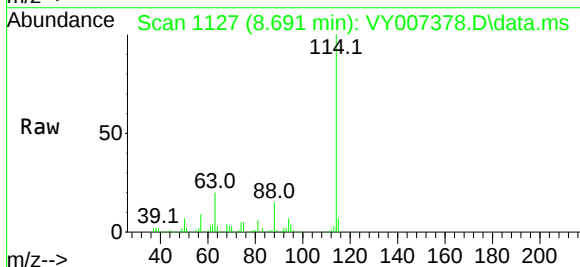
Tgt Ion: 114 Resp: 195632

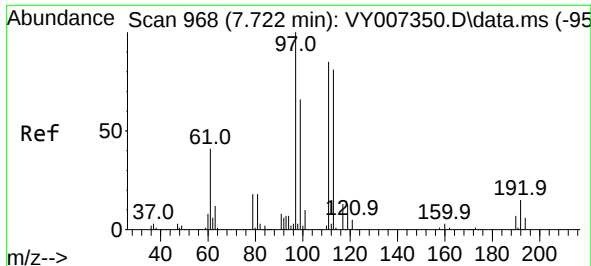
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

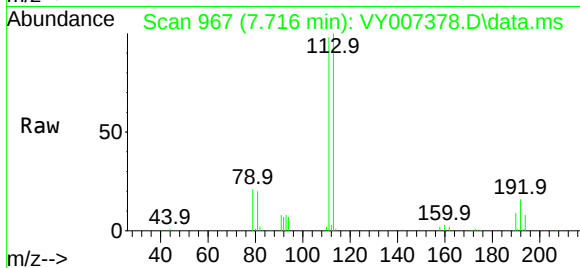
88 15.0 0.0 31.8



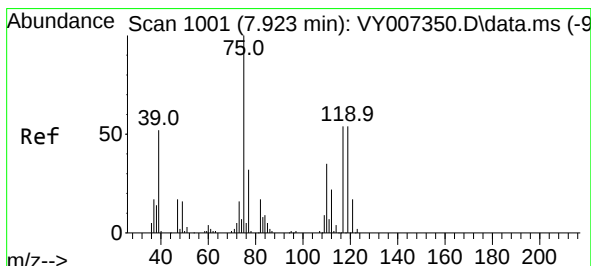
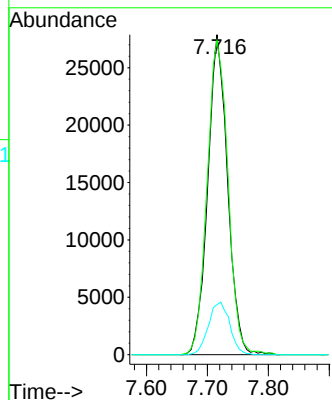
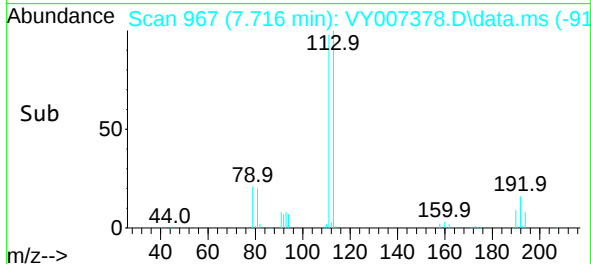


#35  
Dibromofluoromethane  
Concen: 50.212 ug/l  
RT: 7.716 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

Instrument :  
MSVOA\_Y  
ClientSampleId :

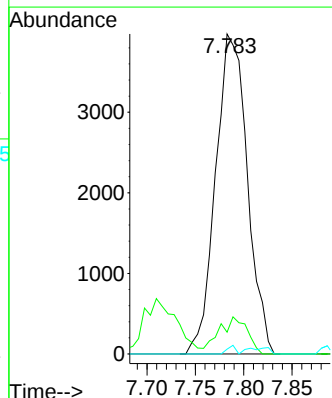
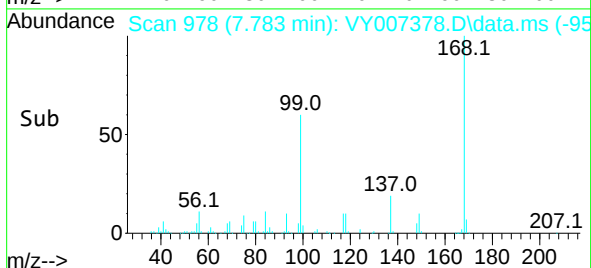
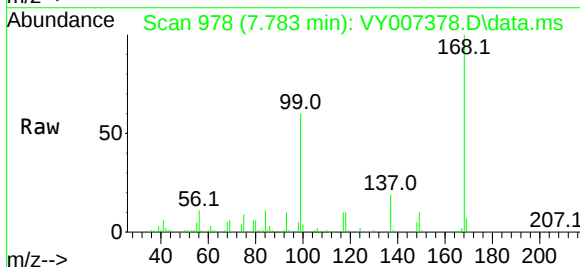


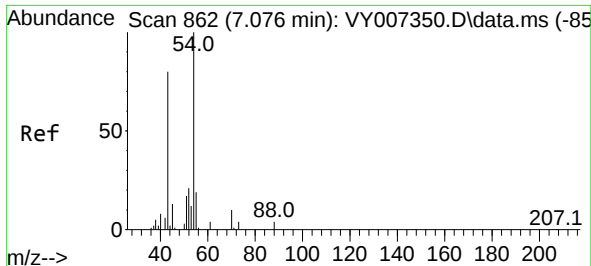
Tgt Ion:113 Resp: 63078  
Ion Ratio Lower Upper  
113 100  
111 103.7 82.6 124.0  
192 17.7 17.6 26.4



#36  
1,1-Dichloropropene  
Concen: 4.127 ug/l  
RT: 7.783 min Scan# 978  
Delta R.T. -0.140 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

Tgt Ion: 75 Resp: 9063  
Ion Ratio Lower Upper  
75 100  
110 10.2 17.1 51.2#  
77 0.7 24.4 36.6#





#37

Ethyl Acetate

Concen: 8.040 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.091 min

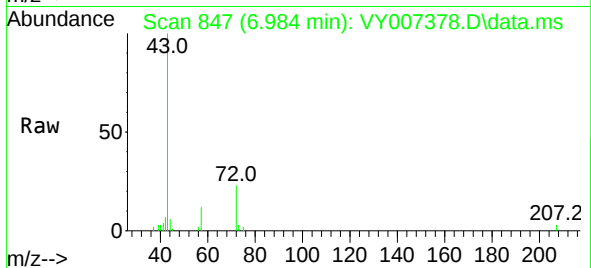
Lab File: VY007378.D

Acq: 03 Feb 2022 16:04

Instrument :

MSVOA\_Y

ClientSampleId :



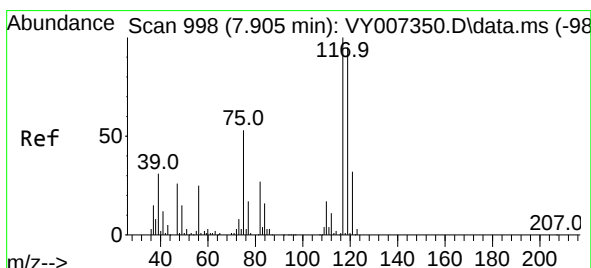
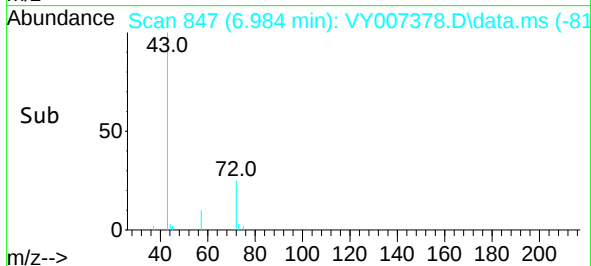
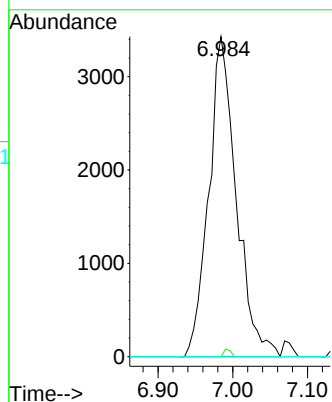
Tgt Ion: 43 Resp: 8778

Ion Ratio Lower Upper

43 100

61 0.6 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.111 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY007378.D

Acq: 03 Feb 2022 16:04

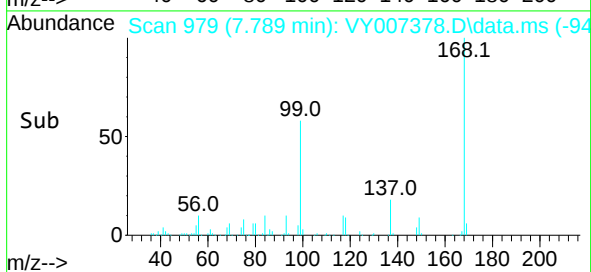
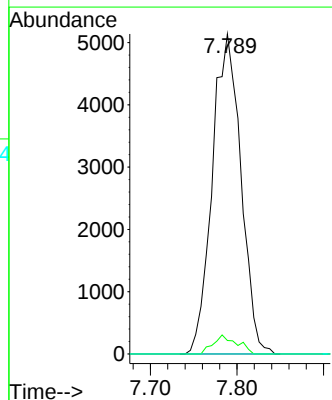
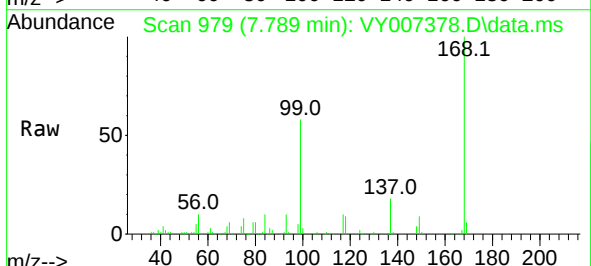
Tgt Ion: 117 Resp: 11793

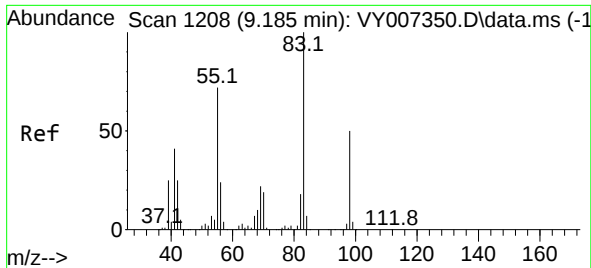
Ion Ratio Lower Upper

117 100

119 4.2 77.9 116.9#

121 0.0 24.8 37.2#

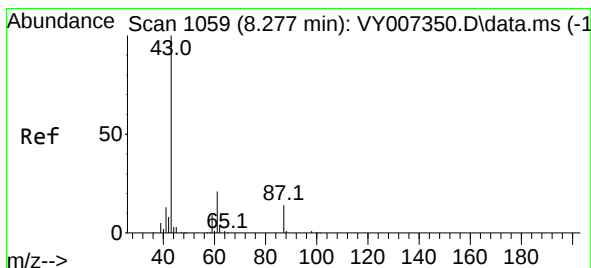
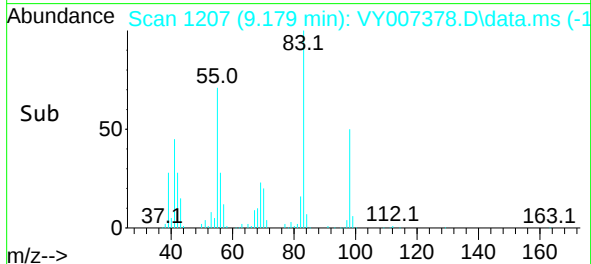
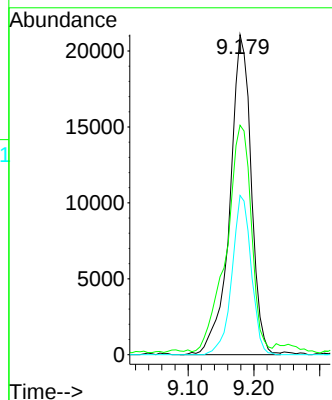
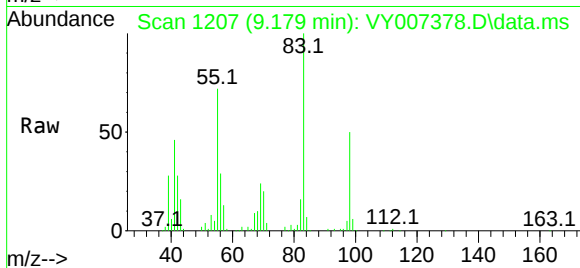




#39  
Methylcyclohexane  
Concen: 17.257 ug/l  
RT: 9.179 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

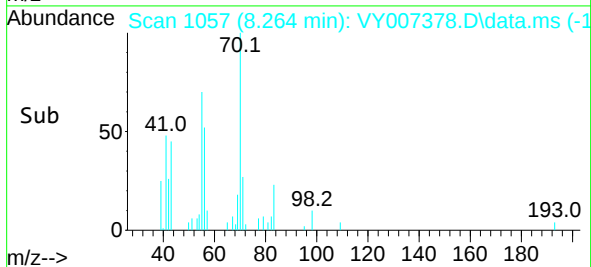
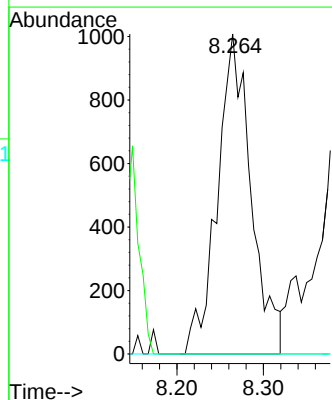
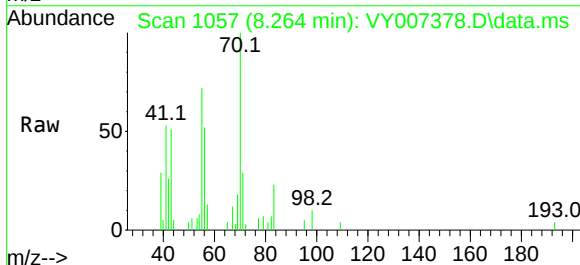
Instrument :  
MSVOA\_Y  
ClientSampleId :

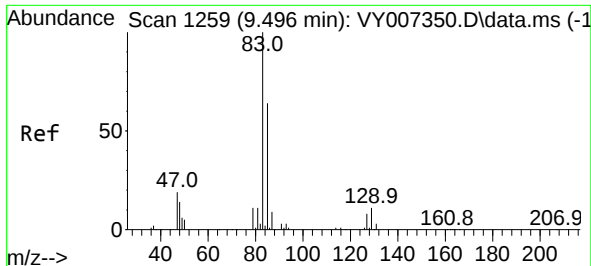
Tgt Ion: 83 Resp: 47595  
Ion Ratio Lower Upper  
83 100  
55 70.6 66.5 99.7  
98 49.8 37.9 56.9



#43  
Isopropyl Acetate  
Concen: 1.338 ug/l  
RT: 8.264 min Scan# 1057  
Delta R.T. -0.012 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

Tgt Ion: 43 Resp: 2733  
Ion Ratio Lower Upper  
43 100  
61 0.0 20.2 30.2#  
87 0.0 8.9 13.3#

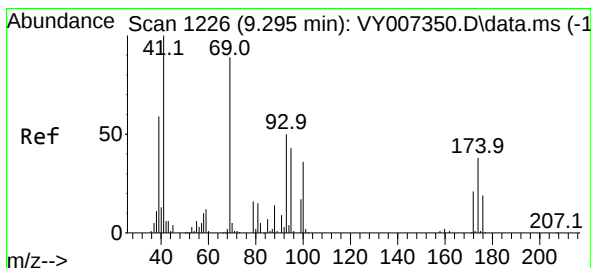
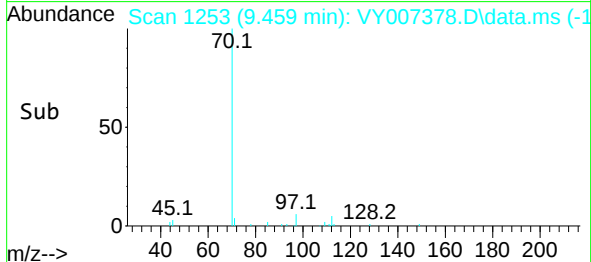
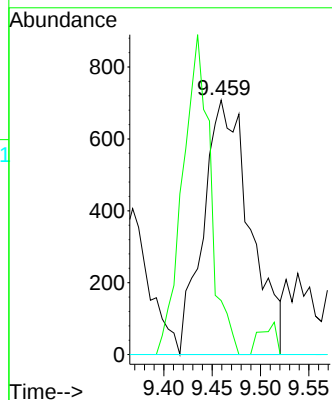
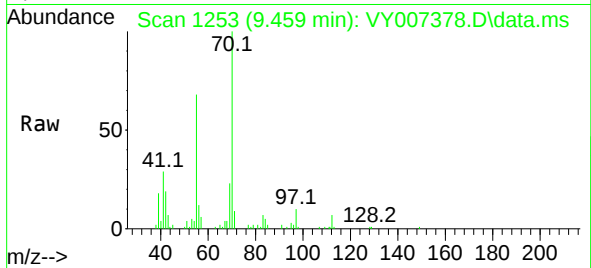




#47  
Bromodichloromethane  
Concen: 1.153 ug/l  
RT: 9.459 min Scan# 11  
Delta R.T. -0.037 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

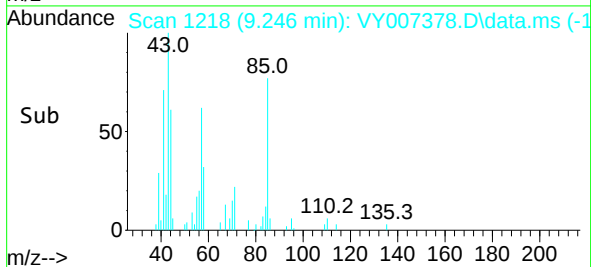
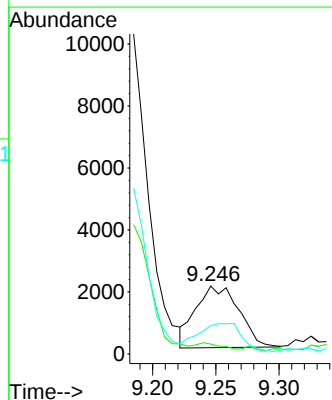
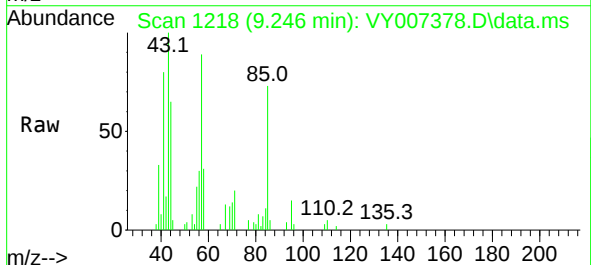
Instrument :  
MSVOA\_Y  
ClientSampleId :

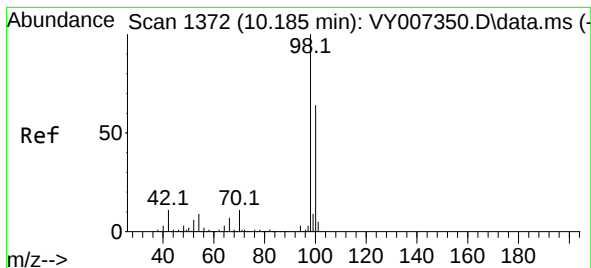
Tgt Ion: 83 Resp: 2381  
Ion Ratio Lower Upper  
83 100  
85 21.2 51.9 77.9#  
127 0.0 6.6 10.0#



#48  
Methyl methacrylate  
Concen: 5.120 ug/l  
RT: 9.246 min Scan# 1218  
Delta R.T. -0.049 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

Tgt Ion: 41 Resp: 4728  
Ion Ratio Lower Upper  
41 100  
69 0.0 58.2 87.2#  
39 47.1 47.4 71.0#





#50

Toluene-d8

Concen: 51.600 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY007378.D

Acq: 03 Feb 2022 16:04

Instrument :

MSVOA\_Y

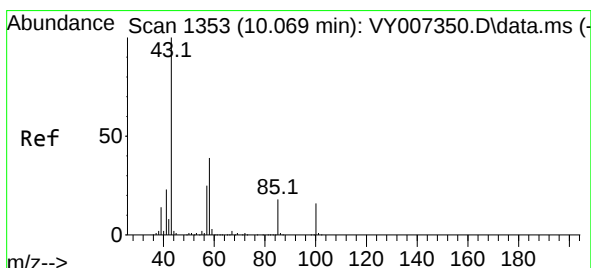
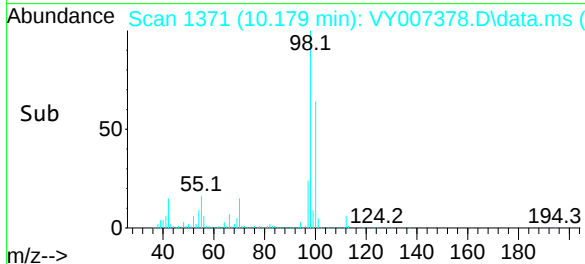
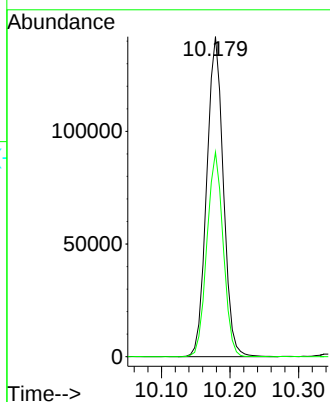
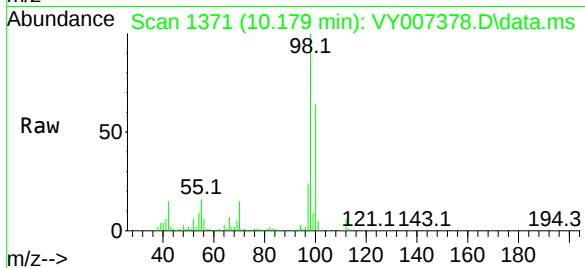
ClientSampleId :

Tgt Ion: 98 Resp: 239484

Ion Ratio Lower Upper

98 100

100 62.5 50.2 75.2



#51

4-Methyl-2-Pentanone

Concen: 7.120 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.110 min

Lab File: VY007378.D

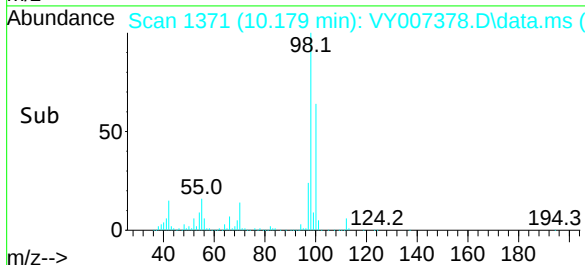
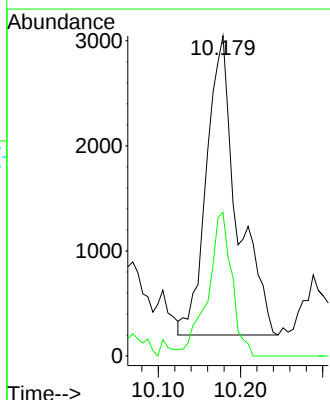
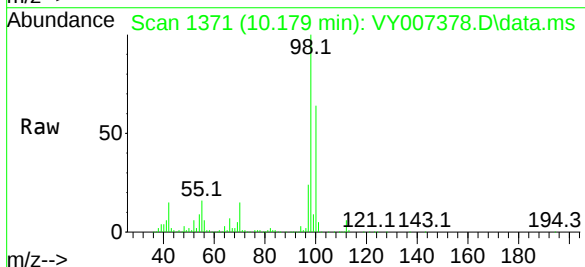
Acq: 03 Feb 2022 16:04

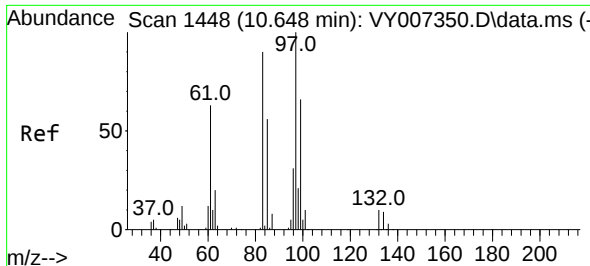
Tgt Ion: 43 Resp: 7373

Ion Ratio Lower Upper

43 100

58 37.4 28.1 42.1

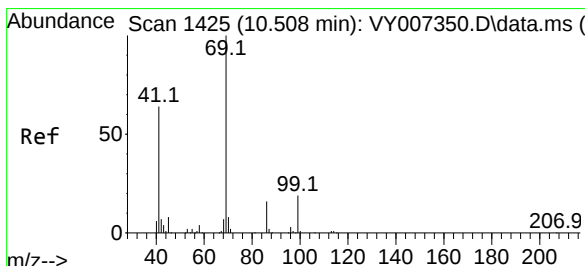
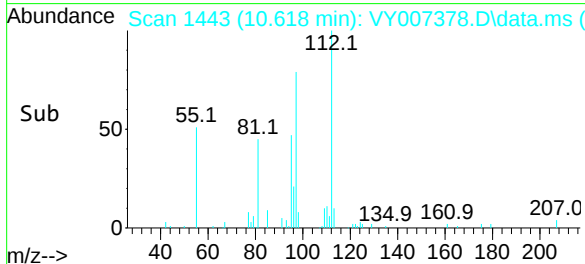
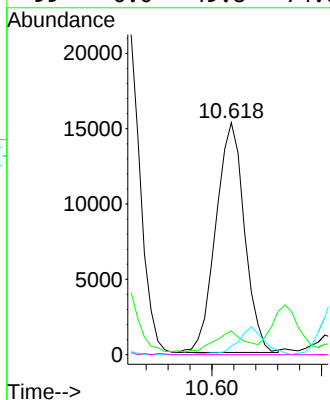
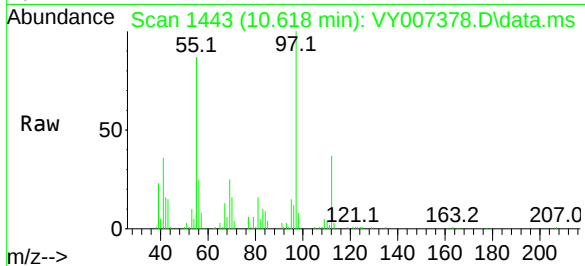




#55  
1,1,2-Trichloroethane  
Concen: 24.688 ug/l  
RT: 10.618 min Scan# 1443  
Delta R.T. -0.031 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

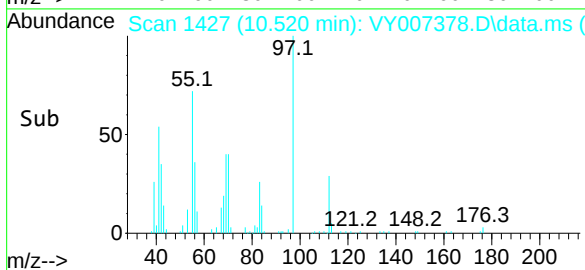
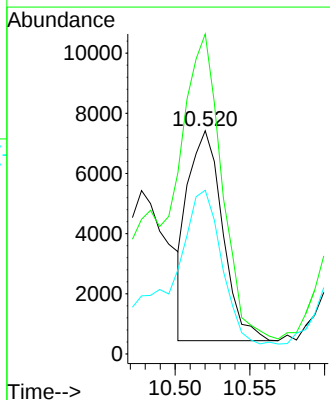
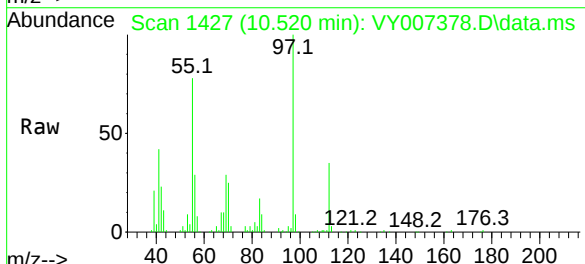
Instrument :  
MSVOA\_Y  
ClientSampleId :

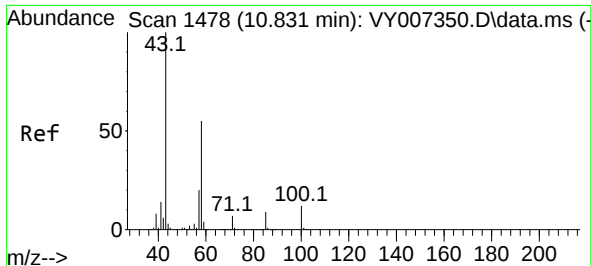
Tgt Ion: 97 Resp: 27691  
Ion Ratio Lower Upper  
97 100  
83 8.7 69.8 104.8#  
85 3.8 44.3 66.5#  
99 0.0 49.8 74.6#



#56  
Ethyl methacrylate  
Concen: 7.206 ug/l  
RT: 10.520 min Scan# 1427  
Delta R.T. 0.012 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

Tgt Ion: 69 Resp: 11226  
Ion Ratio Lower Upper  
69 100  
41 258.7 63.4 95.0#  
39 121.7 35.8 53.8#

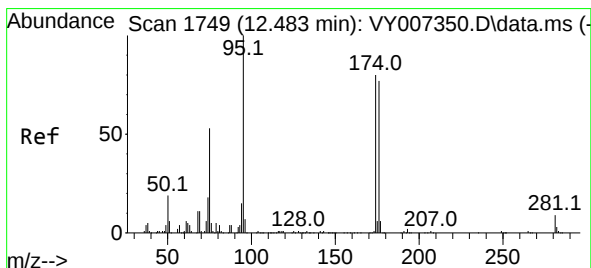
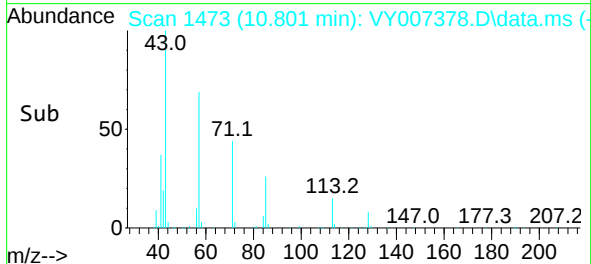
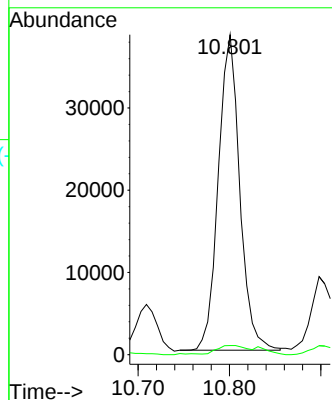
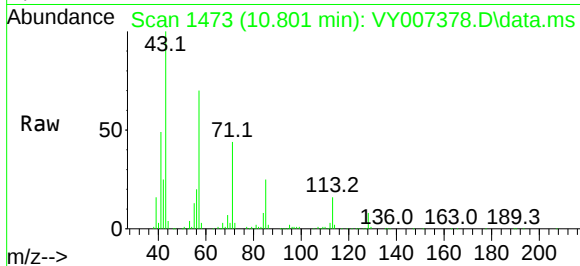




#59  
2-Hexanone  
Concen: 82.994 ug/l  
RT: 10.801 min Scan# 1473  
Delta R.T. -0.031 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

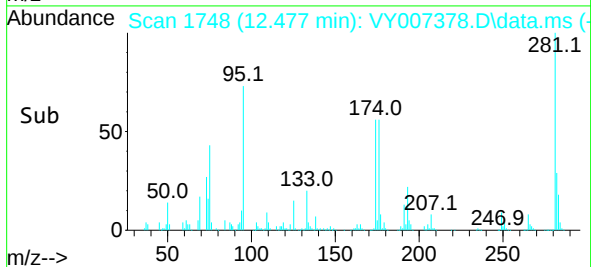
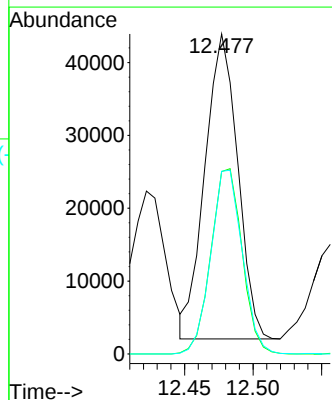
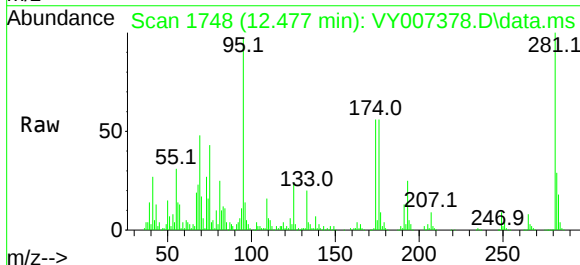
Instrument :  
MSVOA\_Y  
ClientSampleId :

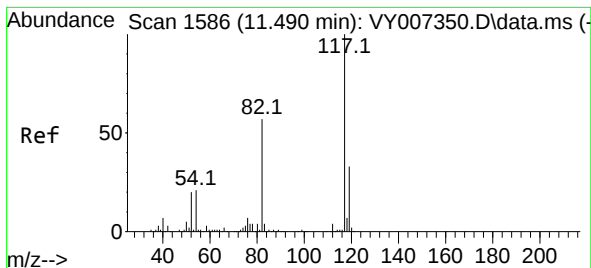
Tgt Ion: 43 Resp: 62659  
Ion Ratio Lower Upper  
43 100  
58 3.7 24.4 73.4#



#62  
4-Bromofluorobenzene  
Concen: 44.094 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

Tgt Ion: 95 Resp: 69557  
Ion Ratio Lower Upper  
95 100  
174 57.9 0.0 177.0  
176 58.0 0.0 175.8

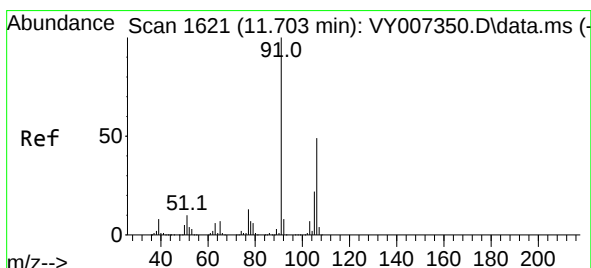
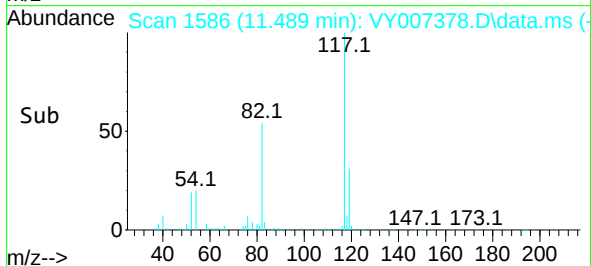
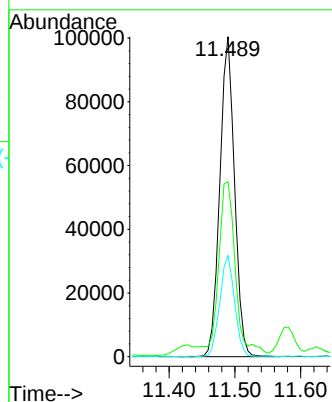
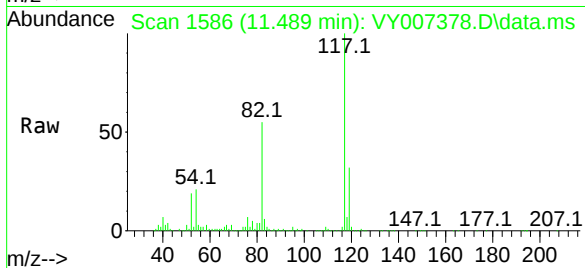




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

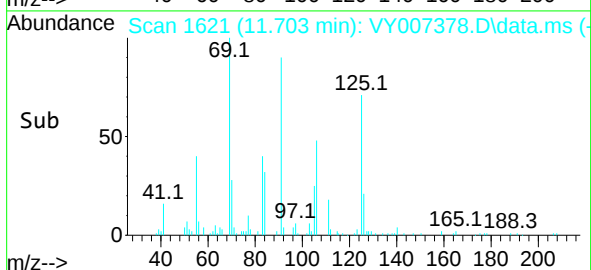
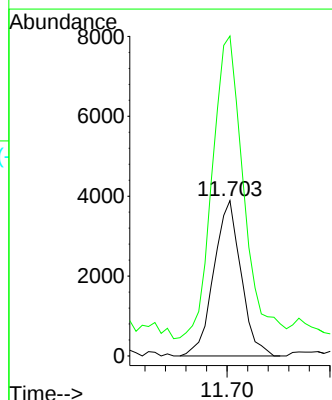
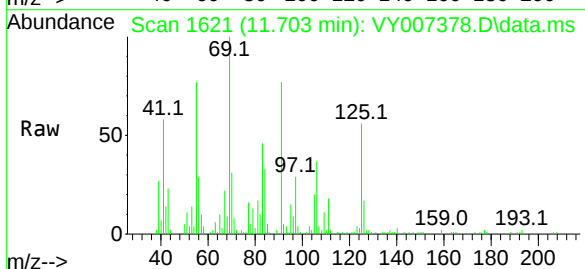
Instrument :  
MSVOA\_Y  
ClientSampleId :

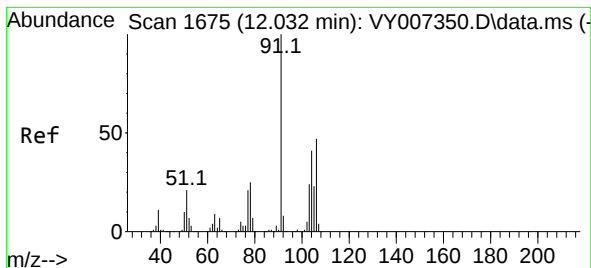
Tgt Ion:117 Resp: 156703  
Ion Ratio Lower Upper  
117 100  
82 51.6 43.0 64.4  
119 31.5 25.4 38.0



#68  
m/p-Xylenes  
Concen: 2.917 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

Tgt Ion:106 Resp: 7147  
Ion Ratio Lower Upper  
106 100  
91 224.0 166.6 249.8





#69

o-Xylene

Concen: 2.110 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007378.D

Acq: 03 Feb 2022 16:04

Instrument :

MSVOA\_Y

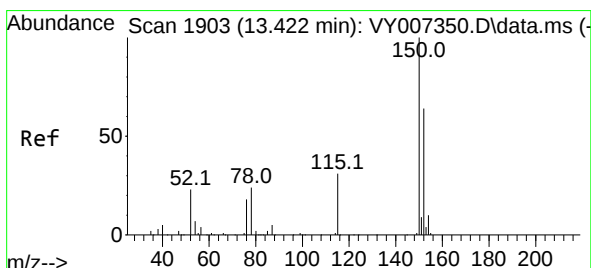
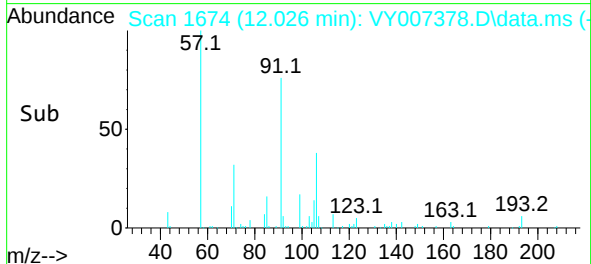
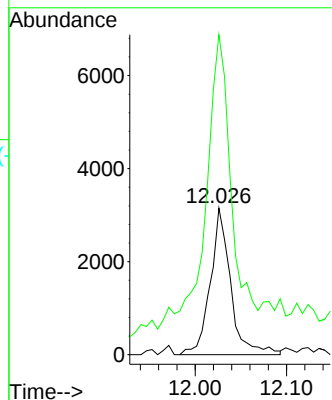
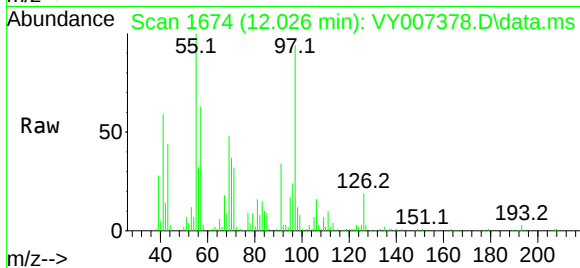
ClientSampleId :

Tgt Ion:106 Resp: 4888

Ion Ratio Lower Upper

106 100

91 280.9 110.3 331.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY007378.D

Acq: 03 Feb 2022 16:04

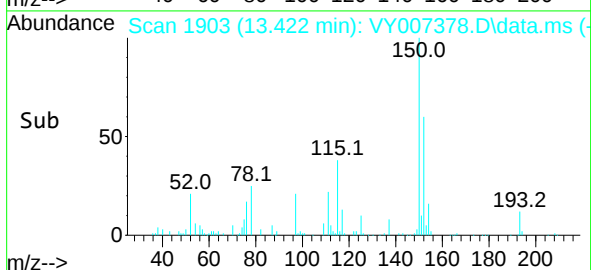
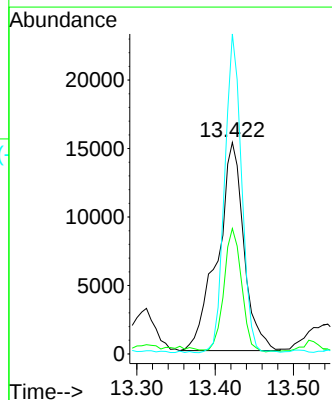
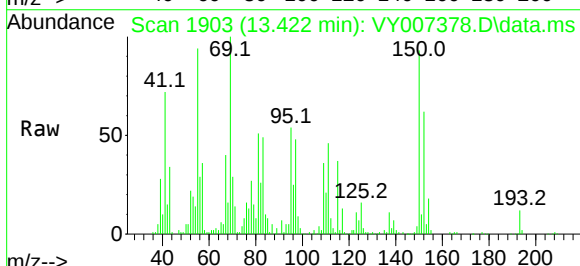
Tgt Ion:152 Resp: 35625

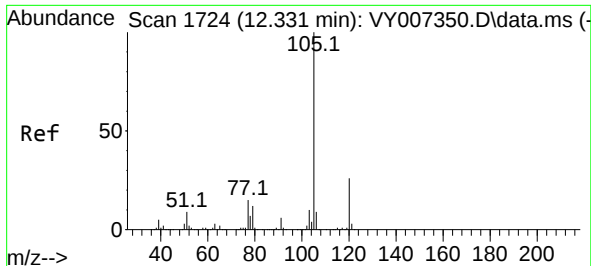
Ion Ratio Lower Upper

152 100

115 39.9 28.2 84.7

150 98.5 0.0 347.6

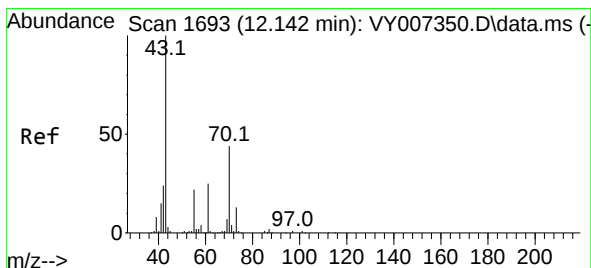
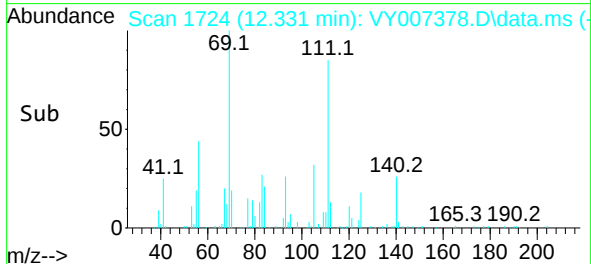
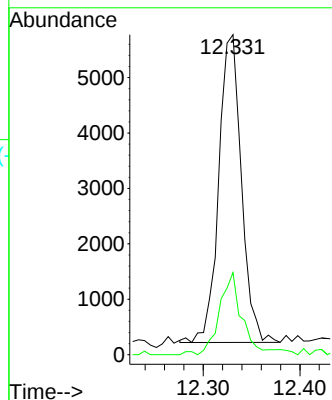
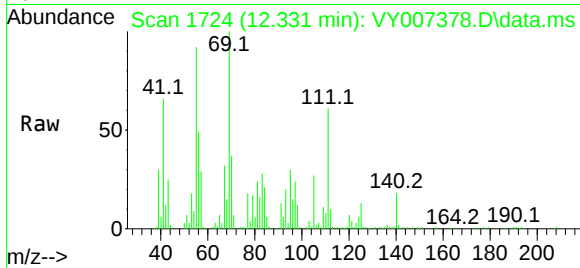




#73  
Isopropylbenzene  
Concen: 2.774 ug/l  
RT: 12.331 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

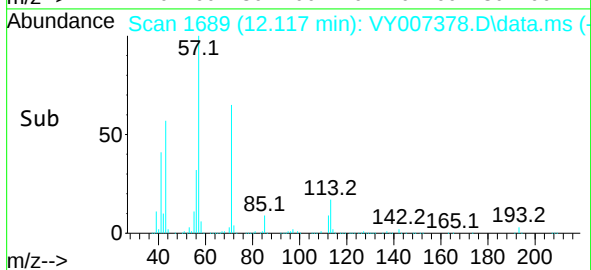
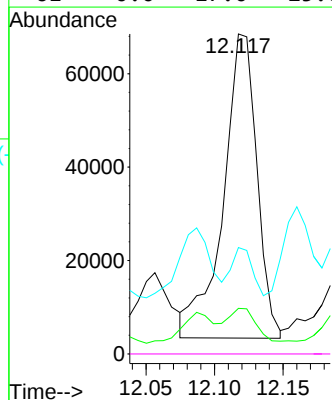
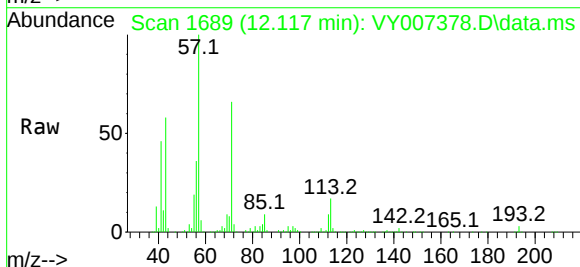
Instrument :  
MSVOA\_Y  
ClientSampleId :

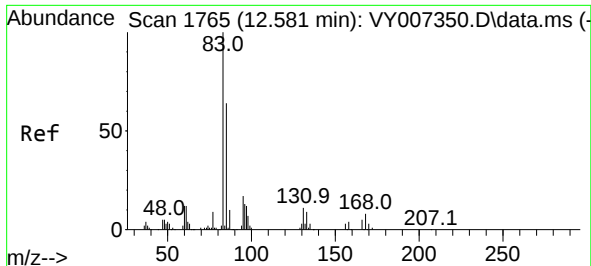
Tgt Ion:105 Resp: 9032  
Ion Ratio Lower Upper  
105 100  
120 27.3 13.4 40.2



#74  
N-ethyl acetate  
Concen: 138.373 ug/l  
RT: 12.117 min Scan# 1689  
Delta R.T. -0.024 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

Tgt Ion: 43 Resp: 111516  
Ion Ratio Lower Upper  
43 100  
70 9.1 28.7 43.1#  
55 19.4 17.3 25.9  
61 0.0 17.0 25.6#

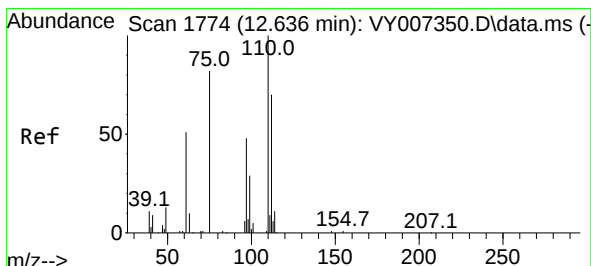
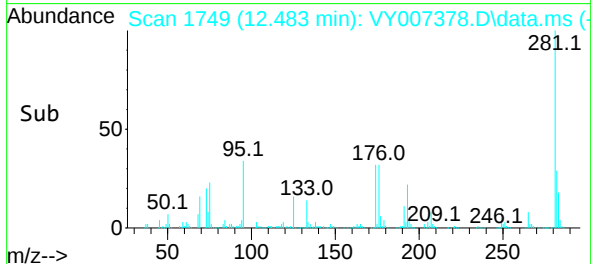
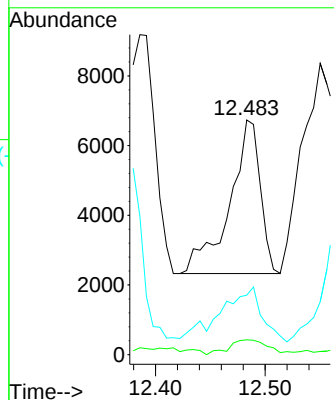
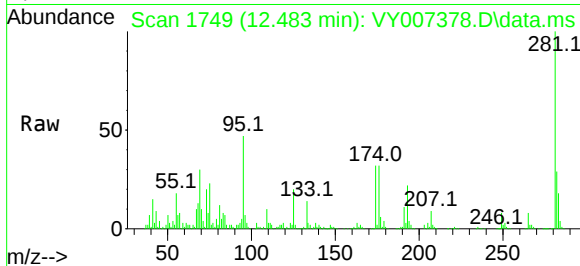




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 14.410 ug/l  
 RT: 12.483 min Scan# 1749  
 Delta R.T. -0.098 min  
 Lab File: VY007378.D  
 Acq: 03 Feb 2022 16:04

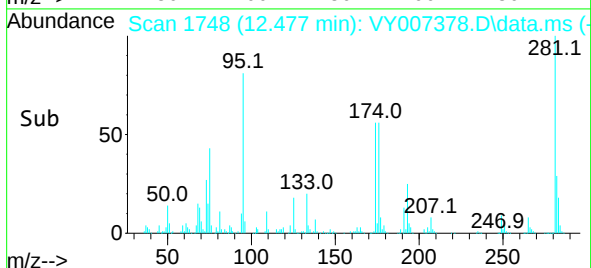
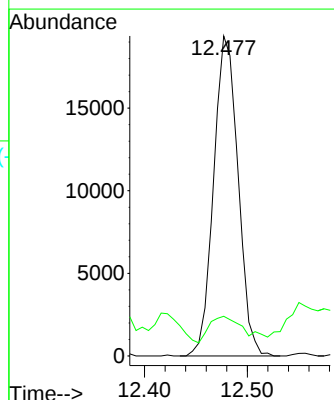
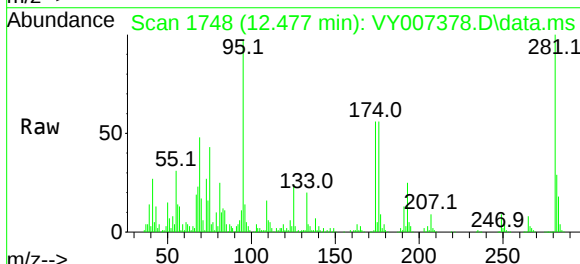
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

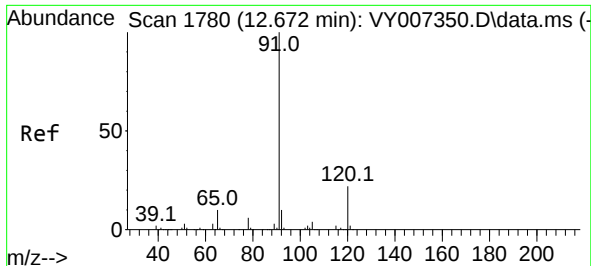
Tgt Ion: 83 Resp: 8568  
 Ion Ratio Lower Upper  
 83 100  
 131 12.6 5.6 16.8  
 85 48.2 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 75.431 ug/l  
 RT: 12.477 min Scan# 1748  
 Delta R.T. -0.159 min  
 Lab File: VY007378.D  
 Acq: 03 Feb 2022 16:04

Tgt Ion: 75 Resp: 31946  
 Ion Ratio Lower Upper  
 75 100  
 77 12.1 0.0 0.0#

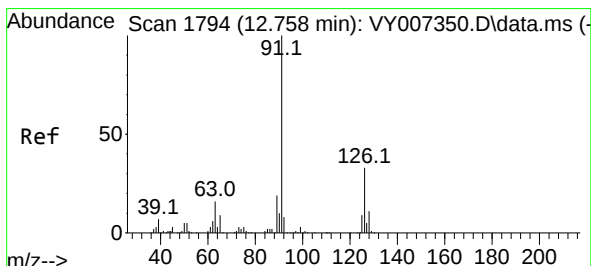
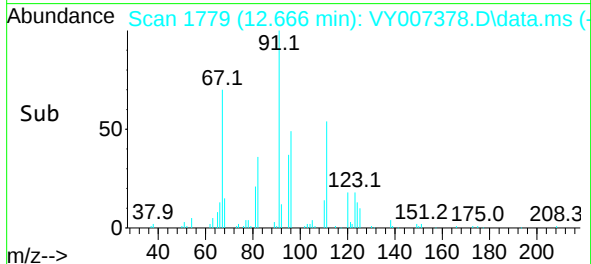
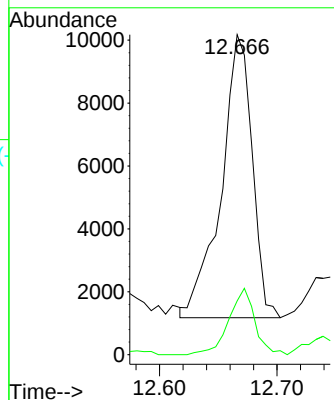
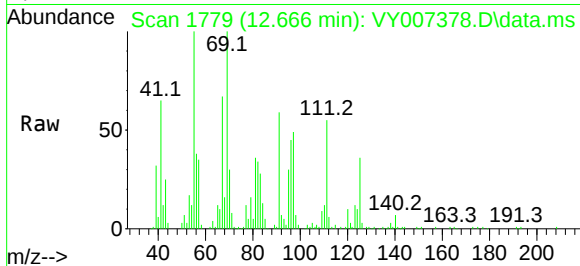




#78  
n-propylbenzene  
Concen: 4.188 ug/l  
RT: 12.666 min Scan# 1779  
Delta R.T. -0.006 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

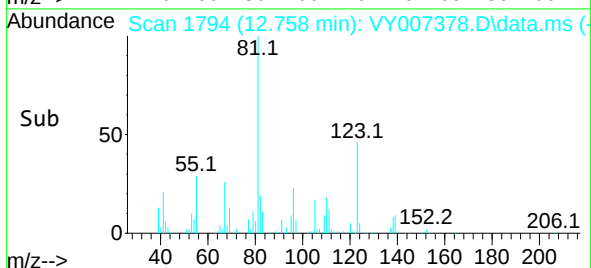
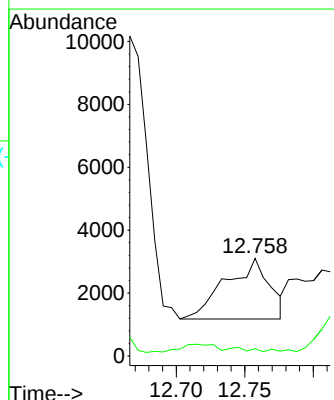
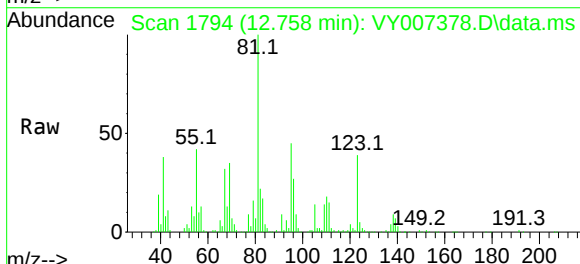
Instrument :  
MSVOA\_Y  
ClientSampleId :

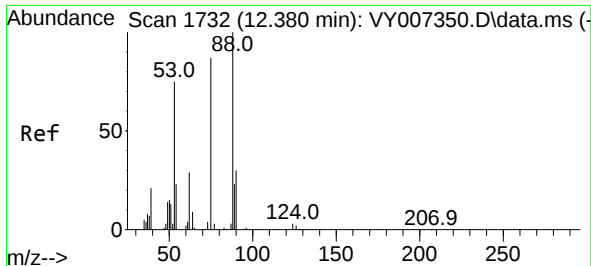
Tgt Ion: 91 Resp: 16516  
Ion Ratio Lower Upper  
91 100  
120 19.7 11.3 33.9



#79  
2-Chlorotoluene  
Concen: 1.967 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

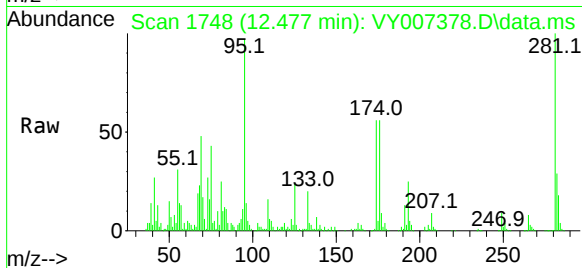
Tgt Ion: 91 Resp: 4294  
Ion Ratio Lower Upper  
91 100  
126 0.0 16.9 50.6#



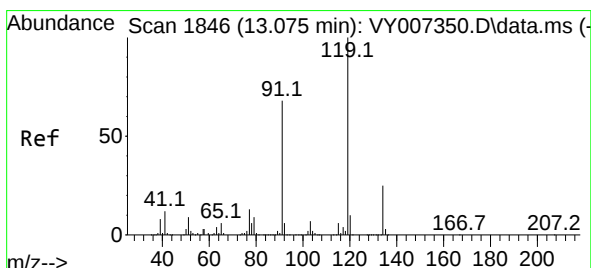
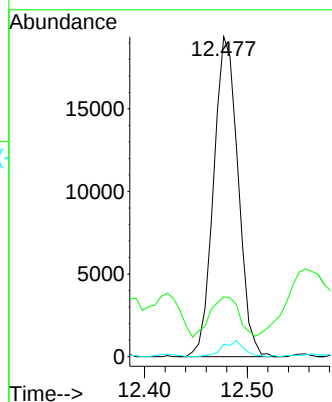
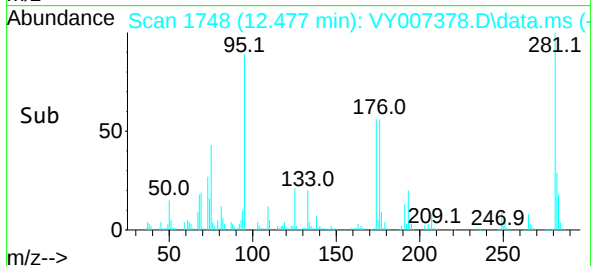


#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 151.119 ug/l  
 RT: 12.477 min Scan# 1748  
 Delta R.T. 0.097 min  
 Lab File: VY007378.D  
 Acq: 03 Feb 2022 16:04

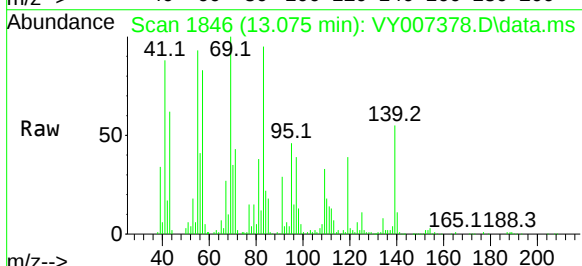
Instrument :  
 MSVOA\_Y  
 ClientSampleId :



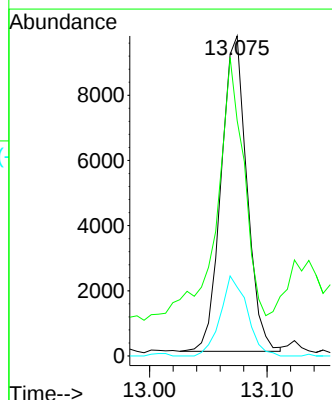
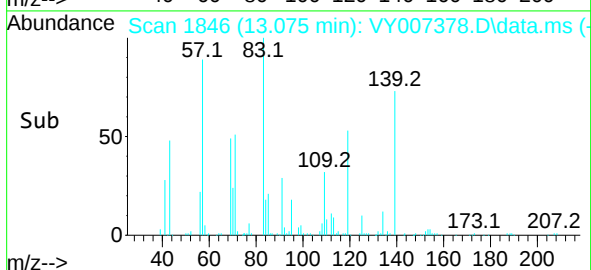
Tgt Ion: 75 Resp: 31946  
 Ion Ratio Lower Upper  
 75 100  
 53 14.6 85.3 127.9#  
 89 4.4 37.0 55.4#

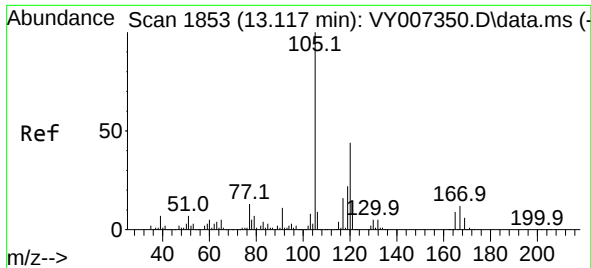


#83  
 tert-Butylbenzene  
 Concen: 6.381 ug/l  
 RT: 13.075 min Scan# 1846  
 Delta R.T. -0.000 min  
 Lab File: VY007378.D  
 Acq: 03 Feb 2022 16:04



Tgt Ion: 119 Resp: 14754  
 Ion Ratio Lower Upper  
 119 100  
 91 88.9 34.8 104.4  
 134 26.2 13.3 39.9

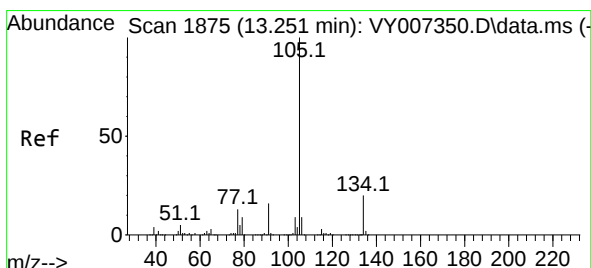
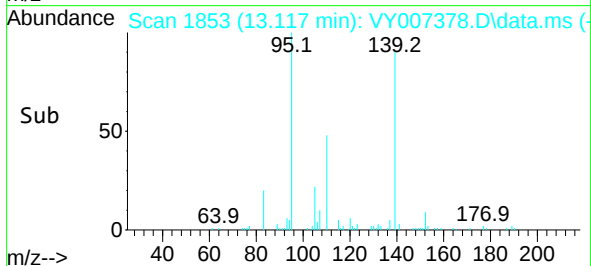
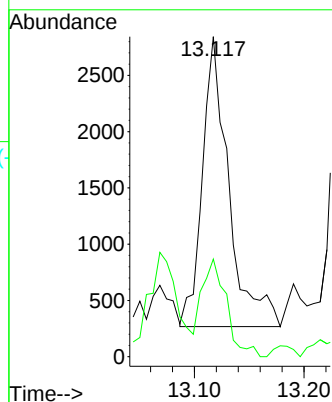
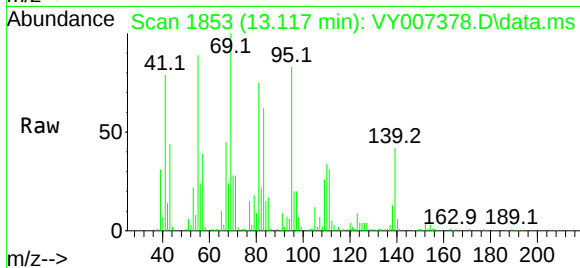




#84  
1,2,4-Trimethylbenzene  
Concen: 1.653 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

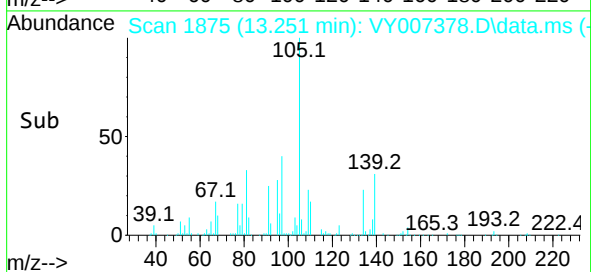
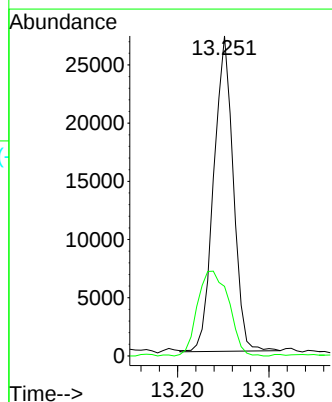
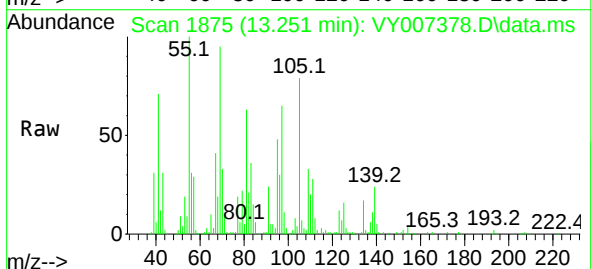
Instrument :  
MSVOA\_Y  
ClientSampleId :

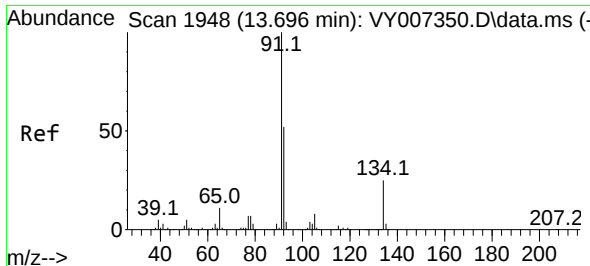
Tgt Ion:105 Resp: 4322  
Ion Ratio Lower Upper  
105 100  
120 31.5 22.3 66.9



#85  
sec-Butylbenzene  
Concen: 11.591 ug/l  
RT: 13.251 min Scan# 1875  
Delta R.T. -0.000 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

Tgt Ion:105 Resp: 40198  
Ion Ratio Lower Upper  
105 100  
134 43.2 10.2 30.4#

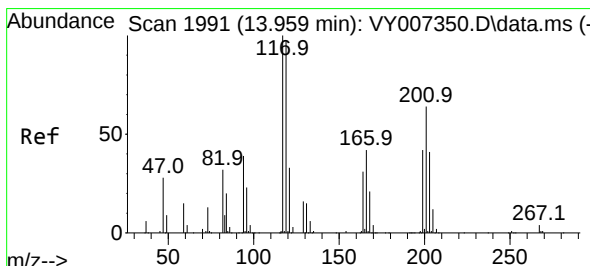
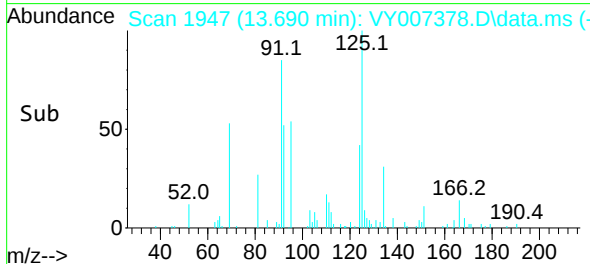
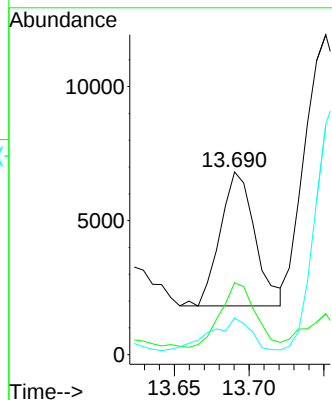
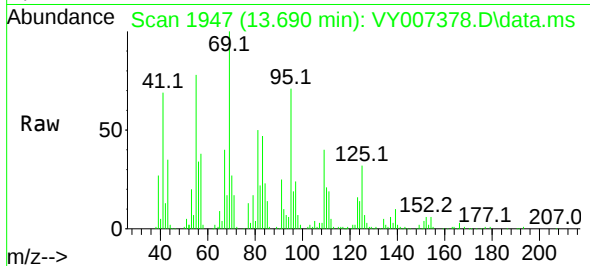




#89  
n-Butylbenzene  
Concen: 2.985 ug/l  
RT: 13.690 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

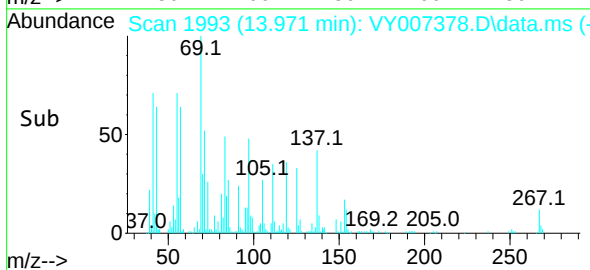
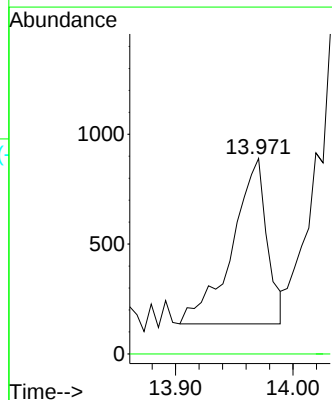
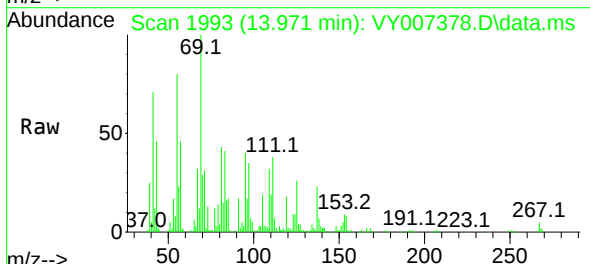
Instrument :  
MSVOA\_Y  
ClientSampleId :

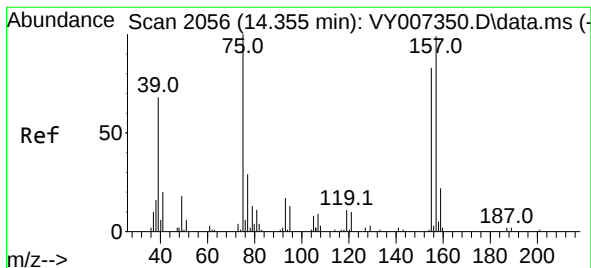
Tgt Ion: 91 Resp: 8117  
Ion Ratio Lower Upper  
91 100  
92 47.8 26.3 78.9  
134 36.7 13.0 38.9



#90  
Hexachloroethane  
Concen: 2.924 ug/l  
RT: 13.971 min Scan# 1993  
Delta R.T. 0.012 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

Tgt Ion: 117 Resp: 1561  
Ion Ratio Lower Upper  
117 100  
201 0.0 43.0 128.8#

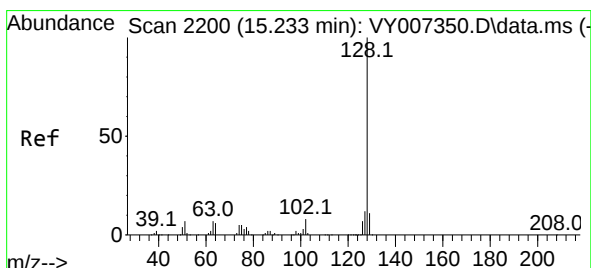
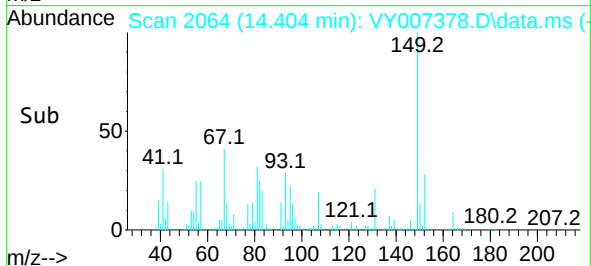
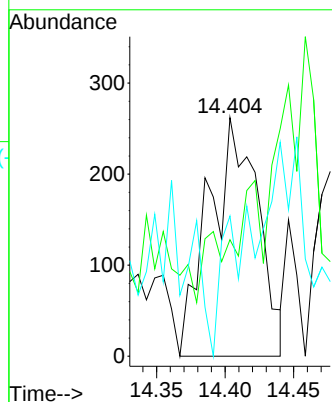
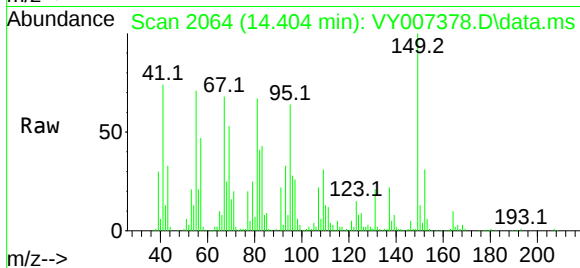




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 6.748 ug/l  
RT: 14.404 min Scan# 2056  
Delta R.T. 0.049 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

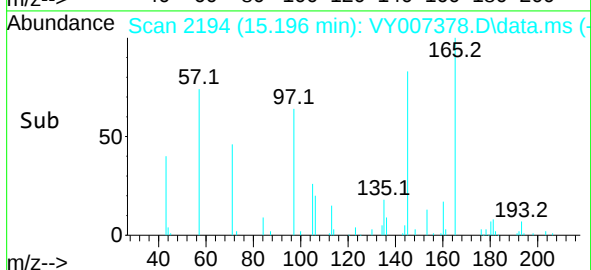
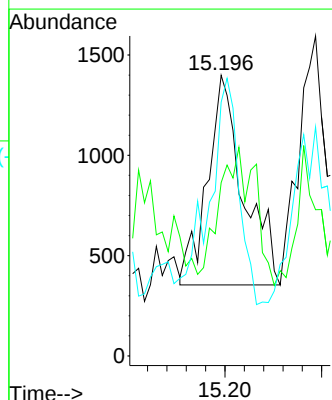
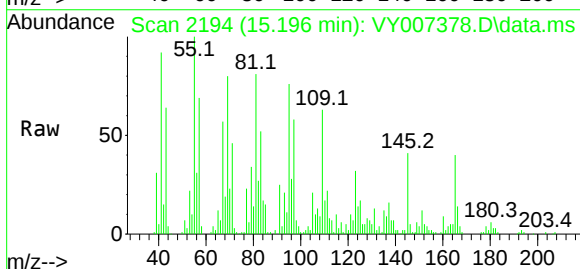
Instrument :  
MSVOA\_Y  
ClientSampleId :

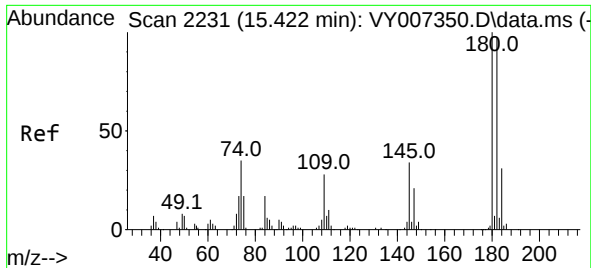
Tgt Ion: 75 Resp: 652  
Ion Ratio Lower Upper  
75 100  
155 10.9 38.0 113.9#  
157 20.6 47.8 143.3#



#95  
Naphthalene  
Concen: 1.879 ug/l  
RT: 15.196 min Scan# 2194  
Delta R.T. -0.037 min  
Lab File: VY007378.D  
Acq: 03 Feb 2022 16:04

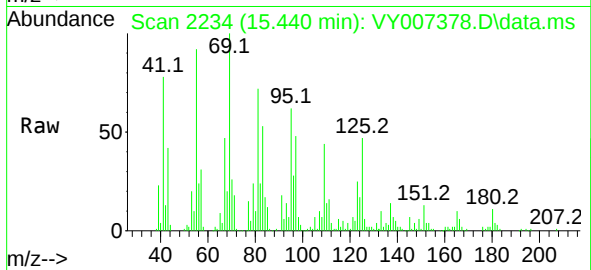
Tgt Ion: 128 Resp: 2706  
Ion Ratio Lower Upper  
128 100  
127 65.5 11.0 16.4#  
129 86.0 8.4 12.6#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 3.546 ug/l  
 RT: 15.440 min Scan# 21  
 Delta R.T. 0.018 min  
 Lab File: VY007378.D  
 Acq: 03 Feb 2022 16:04

Instrument :  
 MSVOA\_Y  
 ClientSampleId :



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 2075   |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 0.0   | 47.3  | 141.9# |
| 145       | 0.0   | 15.3  | 45.9#  |

