

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091422\  
 Data File : VY010493.D  
 Acq On : 14 Sep 2022 18:44  
 Operator : KP/MD  
 Sample : N4588-01  
 Misc : 5.08g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 AUD-1647

Quant Time: Sep 15 01:11:34 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090922S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 09 17:08:30 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|--------|----------|
| -----                         |        |       |          |           |        |          |
| Internal Standards            |        |       |          |           |        |          |
| 1) Pentafluorobenzene         | 7.783  | 168   | 154902   | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.685  | 114   | 244666   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.490 | 117   | 176766   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.422 | 152   | 37311    | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.137  | 65    | 76388    | 48.963    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | =      | 97.920%  |
| 35) Dibromofluoromethane      | 7.710  | 113   | 73207    | 42.130    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | =      | 84.260%  |
| 50) Toluene-d8                | 10.179 | 98    | 293653   | 52.144    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 49 - 140 | Recovery  | =      | 104.280% |
| 62) 4-Bromofluorobenzene      | 12.477 | 95    | 59966    | 23.616    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 25 - 144 | Recovery  | =      | 47.240%  |
| Target Compounds              |        |       |          |           |        |          |
|                               |        |       |          |           | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.900  | 85    | 143      | Below Cal | #      | 43       |
| 11) Tert butyl alcohol        | 4.948  | 59    | 382516   | 2648.744  | ug/l # | 93       |
| 13) Acrolein                  | 3.692  | 56    | 1617     | 10.864    | ug/l # | 1        |
| 14) Allyl chloride            | 4.406  | 41    | 13674    | 6.357     | ug/l # | 38       |
| 15) Acrylonitrile             | 5.162  | 53    | 5234     | 12.275    | ug/l   | 96       |
| 16) Acetone                   | 3.936  | 43    | 21261054 | 59383.218 | ug/l # | 70       |
| 17) Carbon Disulfide          | 4.180  | 76    | 30078    | 7.446     | ug/l   | 100      |
| 18) Methyl Acetate            | 4.473  | 43    | 14684    | 13.331    | ug/l # | 85       |
| 19) Methyl tert-butyl Ether   | 5.216  | 73    | 5078     | 1.231     | ug/l # | 1        |
| 20) Methylene Chloride        | 4.704  | 84    | 33818    | 14.649    | ug/l   | 88       |
| 25) 2-Butanone                | 6.978  | 43    | 128836   | 226.429   | ug/l # | 88       |
| 29) Tetrahydrofuran           | 7.344  | 42    | 5147     | 14.494    | ug/l # | 64       |
| 30) Chloroform                | 7.460  | 83    | 29365    | 9.522     | ug/l # | 19       |
| 31) Cyclohexane               | 7.759  | 56    | 1220360  | 463.026   | ug/l # | 47       |
| 37) Ethyl Acetate             | 6.978  | 43    | 128836   | 103.025   | ug/l # | 74       |
| 38) Carbon Tetrachloride      | 7.777  | 117   | 15149    | 5.724     | ug/l # | 15       |
| 39) Methylcyclohexane         | 9.179  | 83    | 441777   | 148.941   | ug/l   | 94       |
| 40) Benzene                   | 8.155  | 78    | 115224   | 16.826    | ug/l   | 95       |
| 41) Methacrylonitrile         | 7.344  | 41    | 6890     | 9.638     | ug/l # | 46       |
| 42) 1,2-Dichloroethane        | 8.271  | 62    | 2364     | 1.161     | ug/l # | 1        |
| 43) Isopropyl Acetate         | 8.259  | 43    | 504465   | 220.429   | ug/l # | 56       |
| 47) Bromodichloromethane      | 9.478  | 83    | 23678    | 9.898     | ug/l # | 24       |
| 48) Methyl methacrylate       | 9.240  | 41    | 124248   | 120.883   | ug/l # | 47       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43    | 46924    | 37.381    | ug/l   | 92       |
| 52) Toluene                   | 10.234 | 92    | 20436116 | 4560.405  | ug/l # | 1        |
| 53) t-1,3-Dichloropropene     | 10.246 | 75    | 378290   | 153.659   | ug/l # | 1        |
| 55) 1,1,2-Trichloroethane     | 10.612 | 97    | 47030    | 32.827    | ug/l # | 25       |
| 56) Ethyl methacrylate        | 10.520 | 69    | 19590    | 10.412    | ug/l # | 1        |
| 58) 2-Chloroethyl Vinyl ether | 9.819  | 63    | 601      | Below Cal | #      | 48       |
| 59) 2-Hexanone                | 10.801 | 43    | 196896   | 230.103   | ug/l # | 28       |
| 67) Ethyl Benzene             | 11.593 | 91    | 238107   | 34.033    | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.697 | 106   | 218536   | 79.563    | ug/l   | 95       |
| 69) o-Xylene                  | 12.026 | 106   | 86373    | 32.933    | ug/l   | 95       |
| 70) Styrene                   | 12.032 | 104   | 5433     | 1.224     | ug/l # | 1        |
| 73) Isopropylbenzene          | 12.325 | 105   | 77258    | 26.539    | ug/l   | 100      |
| 74) N-amyl acetate            | 12.118 | 43    | 108954   | 160.406   | ug/l # | 53       |

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 Sample : N4588-01  
 Misc : 5.08g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 AUD-1647

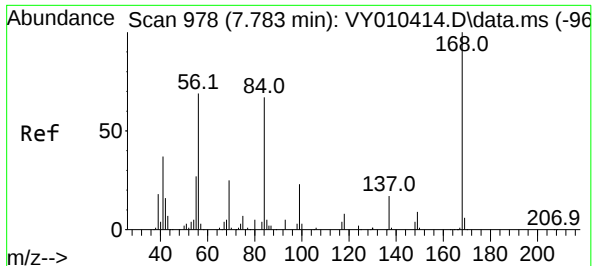
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090922S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 09 17:08:30 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 75) 1,1,2,2-Tetrachloroethane | 12.557 | 83   | 5191     | 9.532  | ug/l # | 64       |
| 76) 1,2,3-Trichloropropane    | 12.727 | 75   | 1698     | 4.123  | ug/l # | 100      |
| 78) n-propylbenzene           | 12.666 | 91   | 106111   | 30.781 | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.733 | 91   | 21073    | 10.882 | ug/l # | 44       |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 58308    | 23.739 | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.325 | 75   | 985      | 5.311  | ug/l # | 27       |
| 82) 4-Chlorotoluene           | 12.813 | 91   | 8091     | 4.016  | ug/l # | 53       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 192987   | 80.299 | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.252 | 105  | 18692    | 5.880  | ug/l   | 80       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 10558    | 3.926  | ug/l   | 92       |
| 89) n-Butylbenzene            | 13.690 | 91   | 30594    | 12.534 | ug/l # | 69       |
| 90) Hexachloroethane          | 13.971 | 117  | 12429    | 24.618 | ug/l # | 6        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.379 | 75   | 267      | 2.905  | ug/l # | 19       |
| 95) Naphthalene               | 15.233 | 128  | 112254   | 74.690 | ug/l   | 100      |
| -----                         |        |      |          |        |        |          |

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

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Response via : Initial Calibration

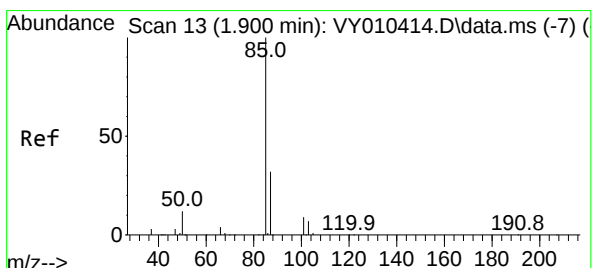
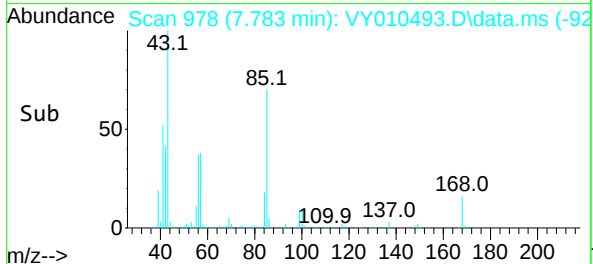
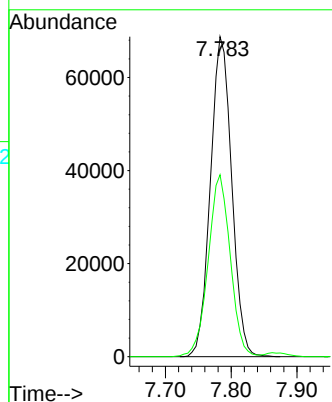
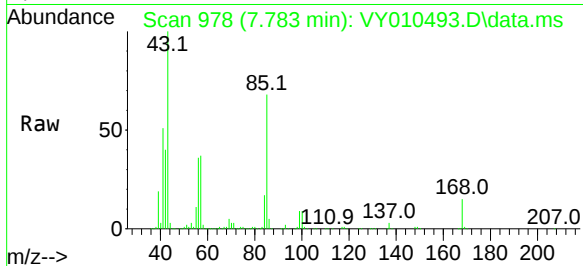




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

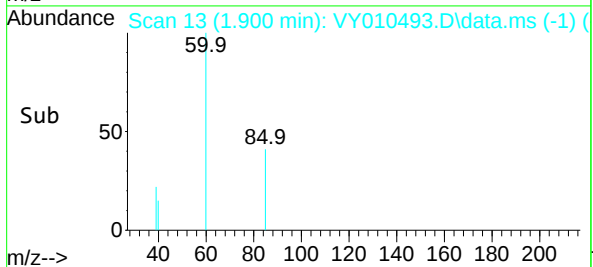
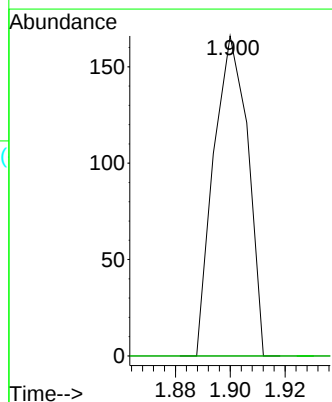
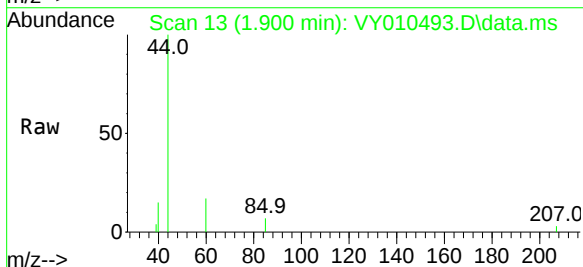
Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

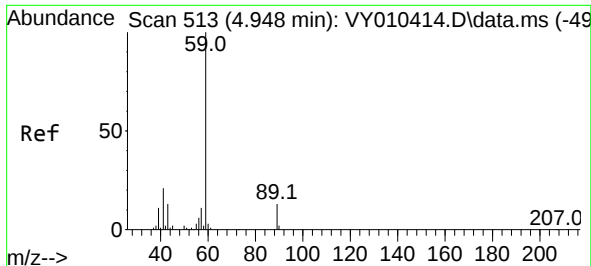
Tgt Ion:168 Resp: 154902  
Ion Ratio Lower Upper  
168 100  
99 56.6 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: Below Cal  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion: 85 Resp: 143  
Ion Ratio Lower Upper  
85 100  
87 0.0 16.1 48.2#

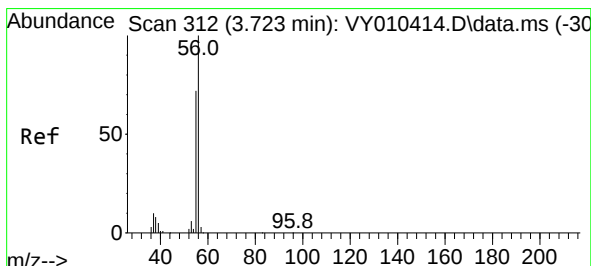
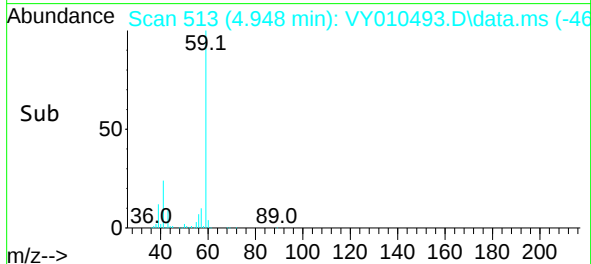
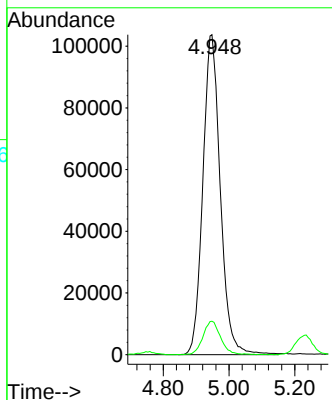
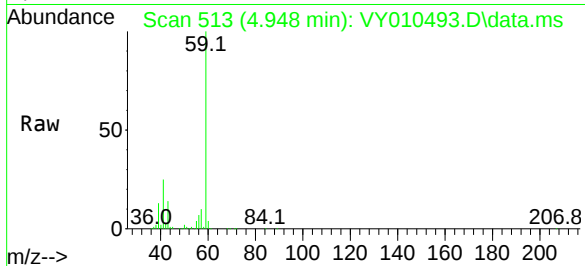




#11  
Tert butyl alcohol  
Concen: 2648.744 ug/l  
RT: 4.948 min Scan# 513  
Delta R.T. 0.000 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

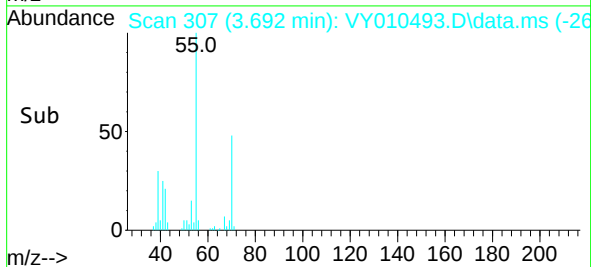
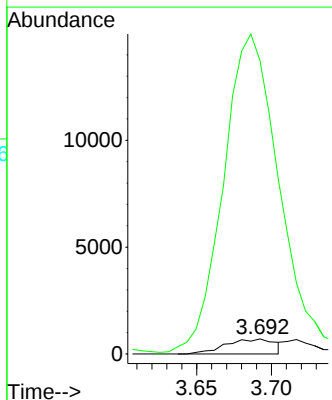
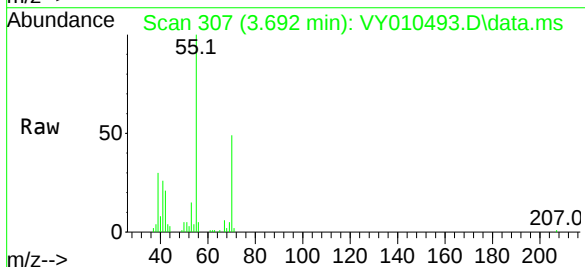
Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

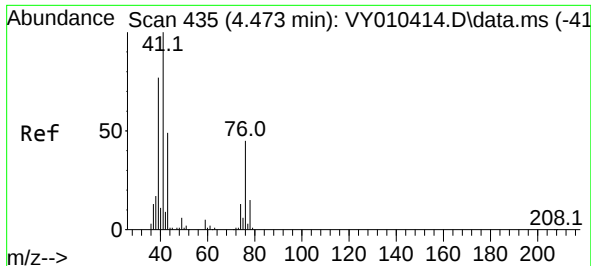
Tgt Ion: 59 Resp: 382516  
Ion Ratio Lower Upper  
59 100  
57 10.5 6.4 9.6#



#13  
Acrolein  
Concen: 10.864 ug/l  
RT: 3.692 min Scan# 307  
Delta R.T. -0.031 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

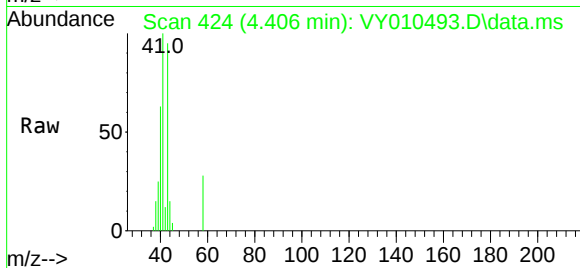
Tgt Ion: 56 Resp: 1617  
Ion Ratio Lower Upper  
56 100  
55 2398.0 57.6 86.4#



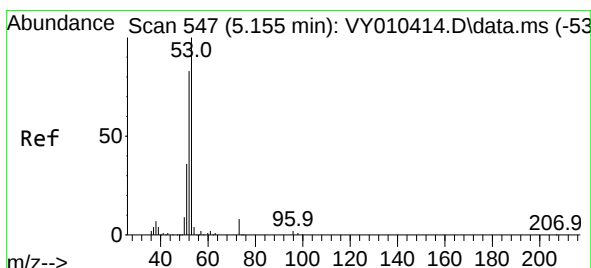
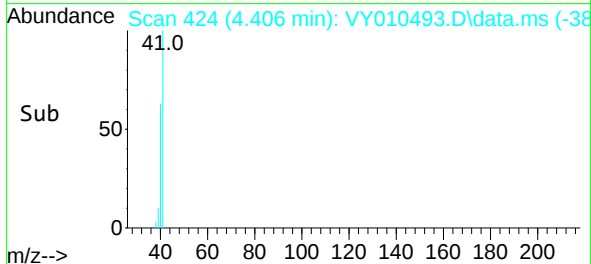
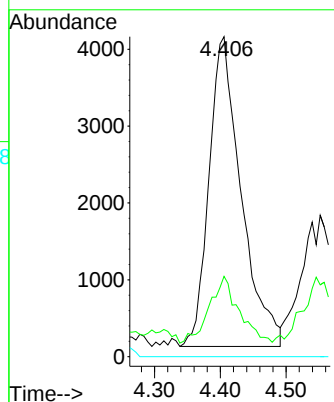


#14  
 Allyl chloride  
 Concen: 6.357 ug/l  
 RT: 4.406 min Scan# 41  
 Delta R.T. -0.067 min  
 Lab File: VY010493.D  
 Acq: 14 Sep 2022 18:44

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 AUD-1647

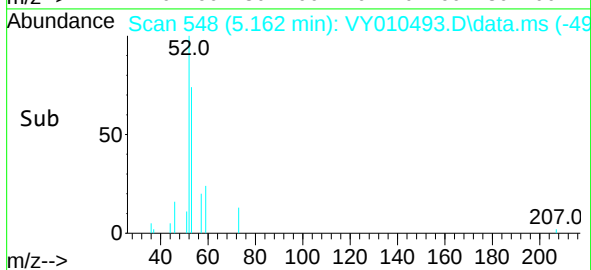
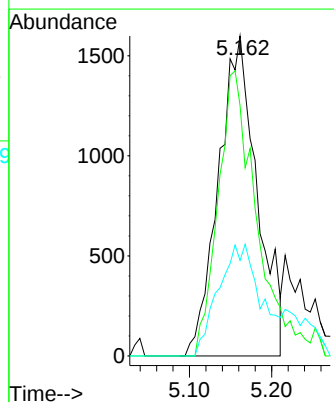
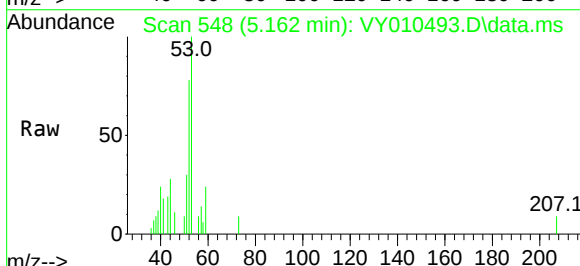


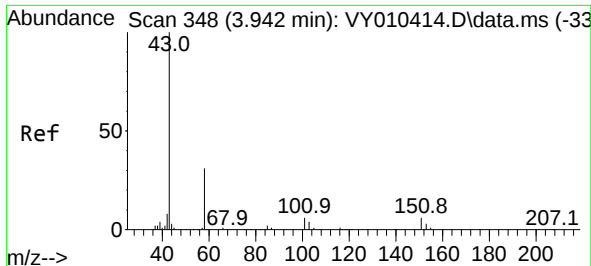
Tgt Ion: 41 Resp: 13674  
 Ion Ratio Lower Upper  
 41 100  
 39 19.8 58.8 88.2#  
 76 0.0 25.1 37.7#



#15  
 Acrylonitrile  
 Concen: 12.275 ug/l  
 RT: 5.162 min Scan# 548  
 Delta R.T. 0.007 min  
 Lab File: VY010493.D  
 Acq: 14 Sep 2022 18:44

Tgt Ion: 53 Resp: 5234  
 Ion Ratio Lower Upper  
 53 100  
 52 88.7 67.0 100.4  
 51 38.3 29.8 44.6





#16

Acetone

Concen: 59383.218 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY010493.D

Acq: 14 Sep 2022 18:44

Instrument :

MSVOA\_Y

ClientSampleId :

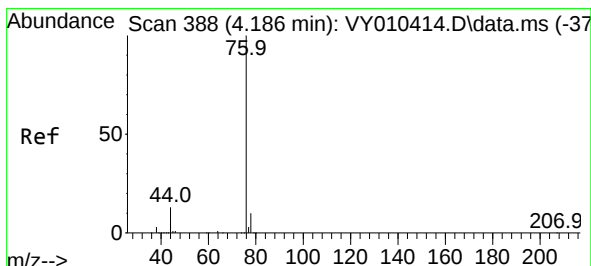
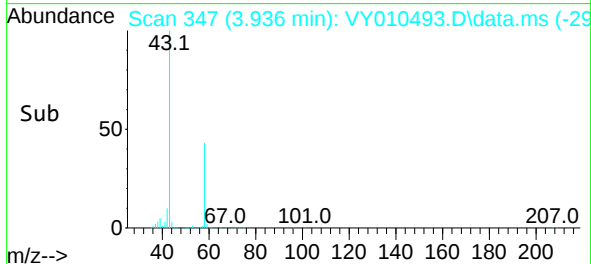
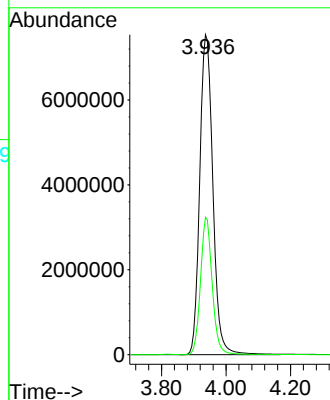
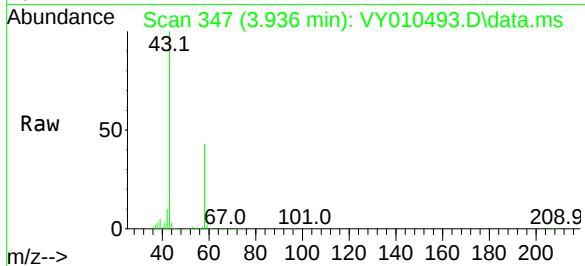
AUD-1647

Tgt Ion: 43 Resp:21261054

Ion Ratio Lower Upper

43 100

58 42.9 22.0 33.0#



#17

Carbon Disulfide

Concen: 7.446 ug/l

RT: 4.180 min Scan# 387

Delta R.T. -0.006 min

Lab File: VY010493.D

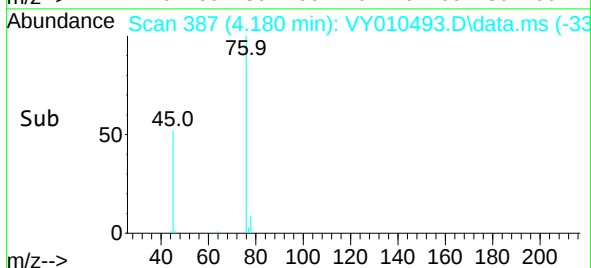
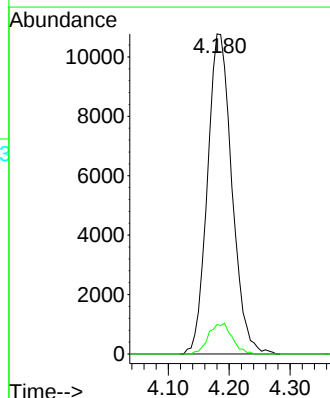
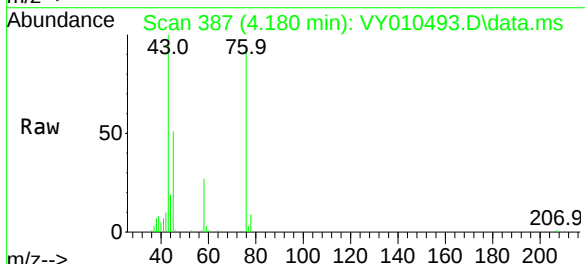
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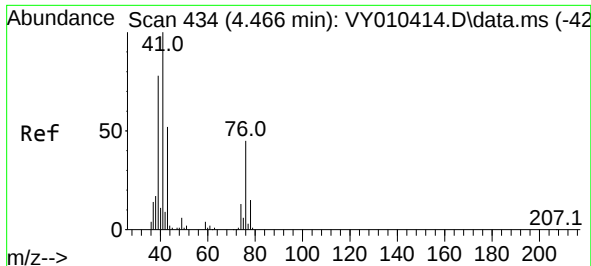
Tgt Ion: 76 Resp: 30078

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

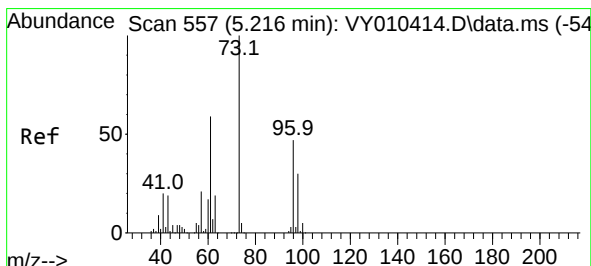
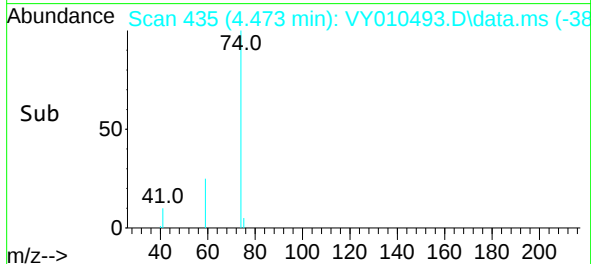
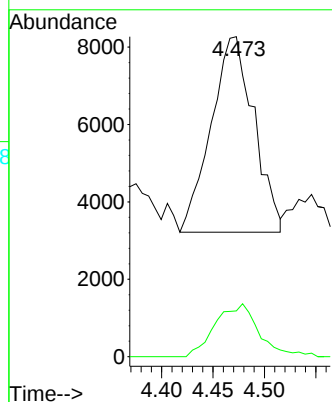
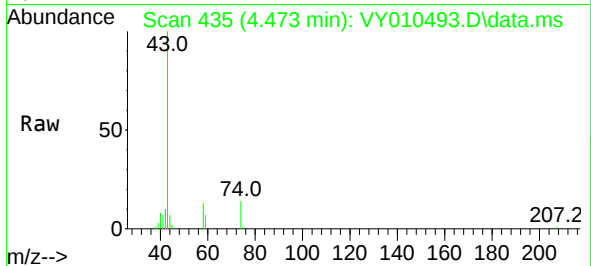




#18  
Methyl Acetate  
Concen: 13.331 ug/l  
RT: 4.473 min Scan# 41  
Delta R.T. 0.007 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

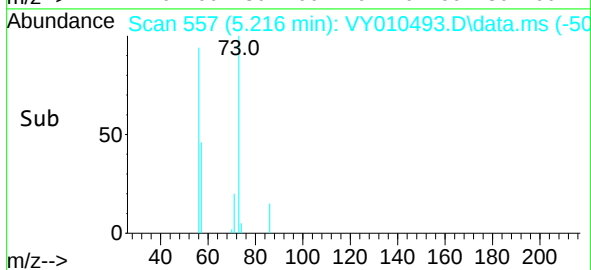
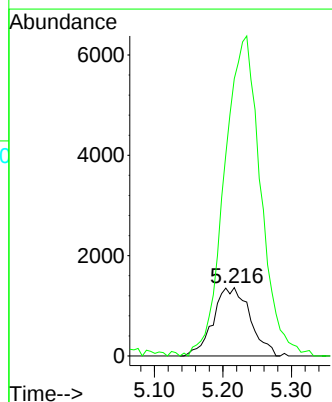
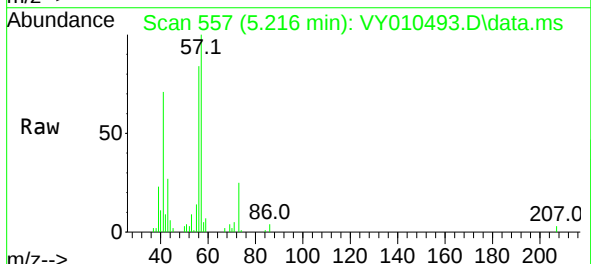
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MSVOA\_Y  
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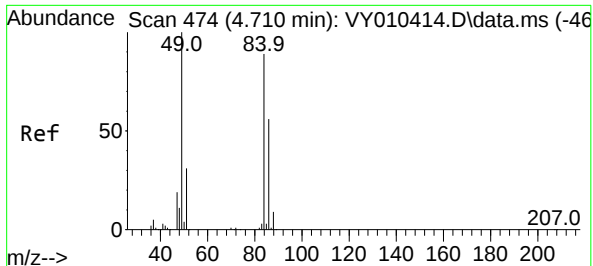
Tgt Ion: 43 Resp: 14684  
Ion Ratio Lower Upper  
43 100  
74 27.6 16.6 24.8#



#19  
Methyl tert-butyl Ether  
Concen: 1.231 ug/l  
RT: 5.216 min Scan# 557  
Delta R.T. 0.000 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion: 73 Resp: 5078  
Ion Ratio Lower Upper  
73 100  
57 405.4 18.6 27.8#

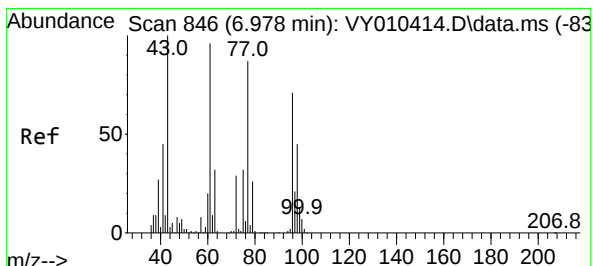
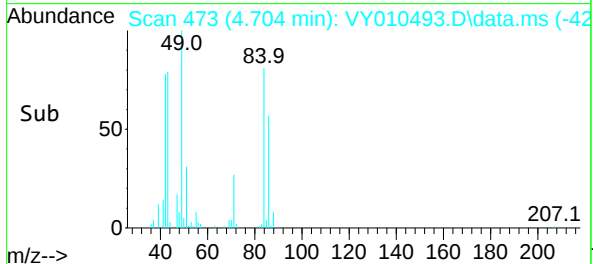
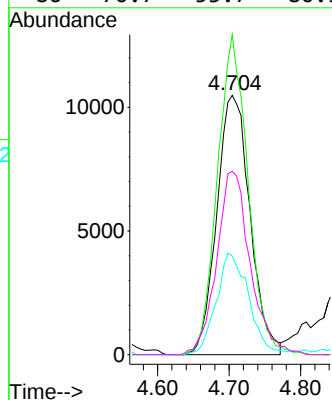
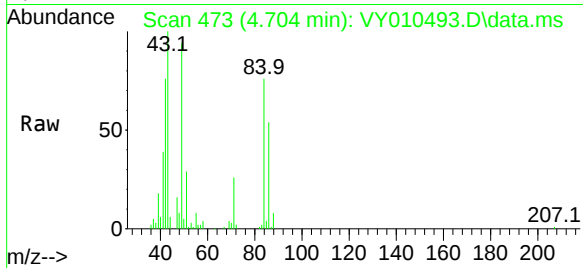




#20  
Methylene Chloride  
Concen: 14.649 ug/l  
RT: 4.704 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

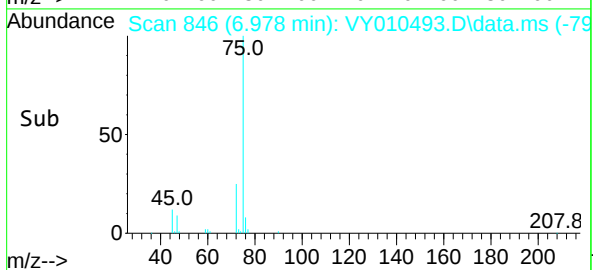
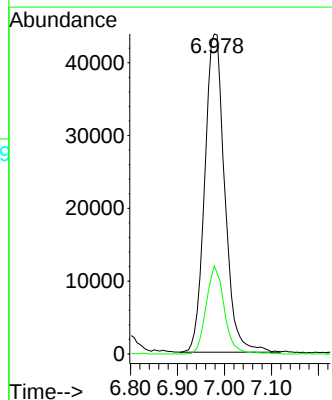
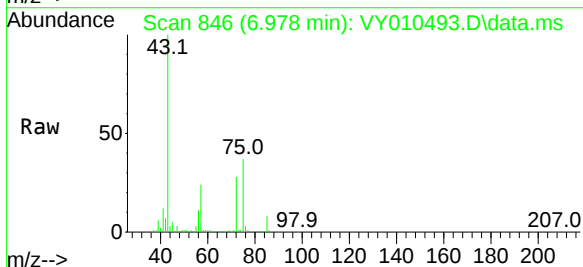
Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

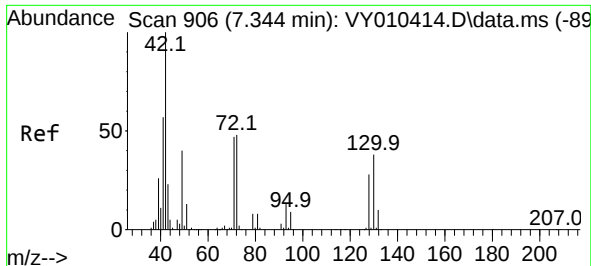
Tgt Ion: 84 Resp: 33818  
Ion Ratio Lower Upper  
84 100  
49 123.3 114.4 171.6  
51 38.1 35.3 52.9  
86 70.7 53.7 80.5



#25  
2-Butanone  
Concen: 226.429 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion: 43 Resp: 128836  
Ion Ratio Lower Upper  
43 100  
72 27.7 17.7 26.5#





#29

Tetrahydrofuran

Concen: 14.494 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY010493.D

Acq: 14 Sep 2022 18:44

Instrument :

MSVOA\_Y

ClientSampleId :

AUD-1647

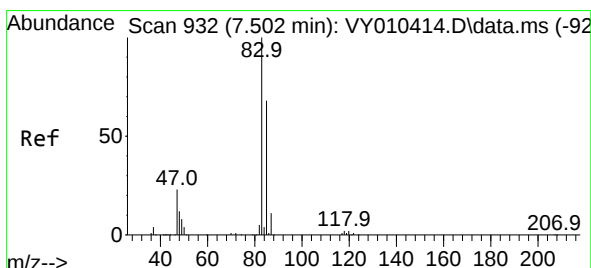
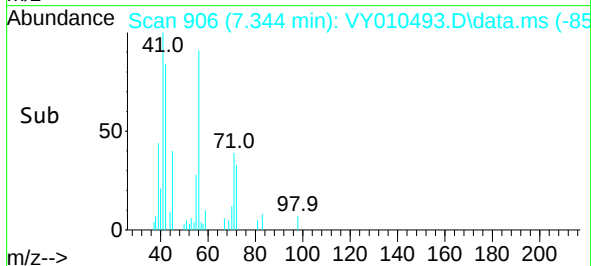
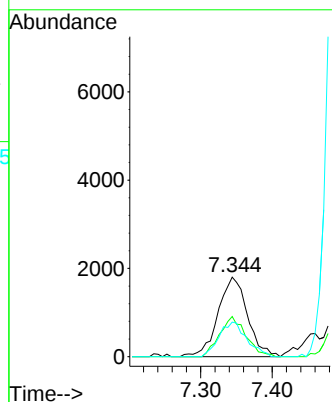
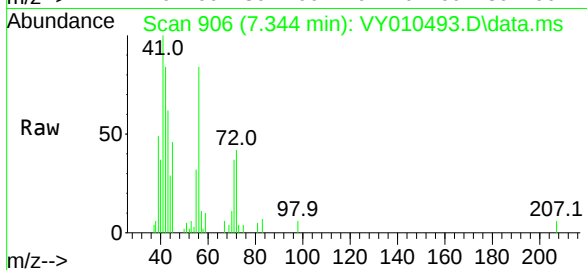
Tgt Ion: 42 Resp: 5147

Ion Ratio Lower Upper

42 100

72 44.9 30.3 45.5

71 0.0 29.0 43.4#



#30

Chloroform

Concen: 9.522 ug/l

RT: 7.460 min Scan# 925

Delta R.T. -0.042 min

Lab File: VY010493.D

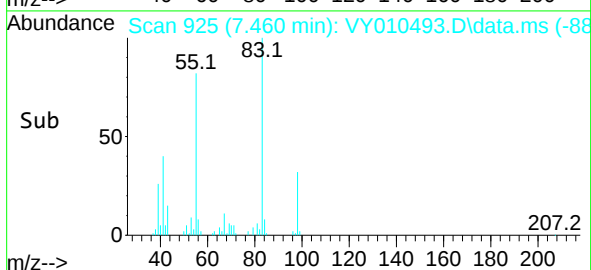
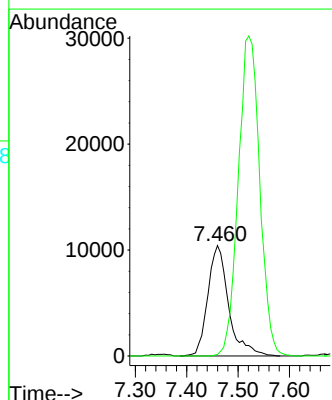
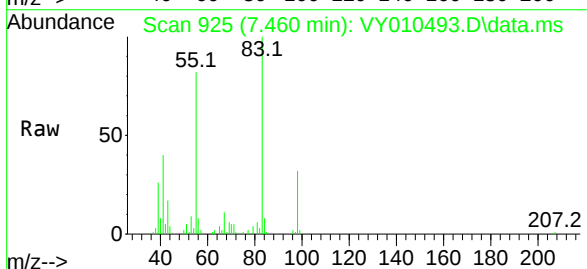
Acq: 14 Sep 2022 18:44

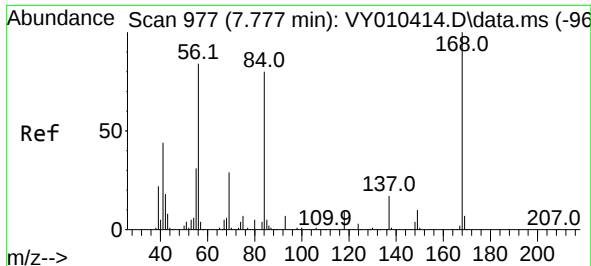
Tgt Ion: 83 Resp: 29365

Ion Ratio Lower Upper

83 100

85 1.3 51.8 77.6#

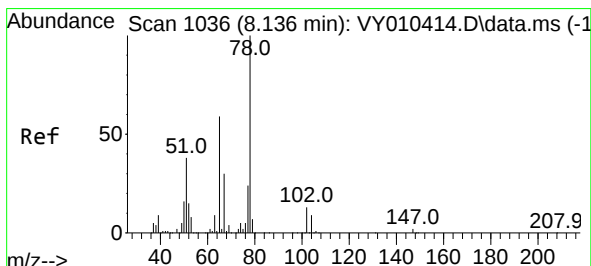
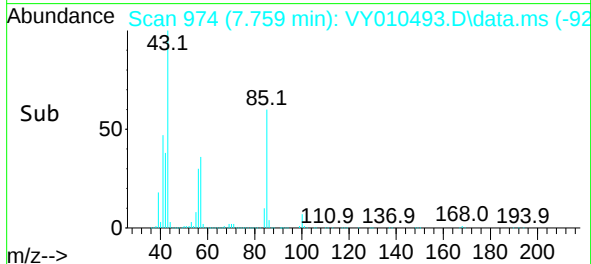
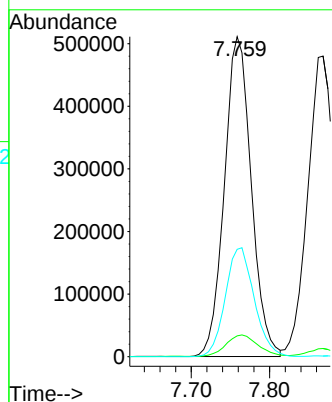
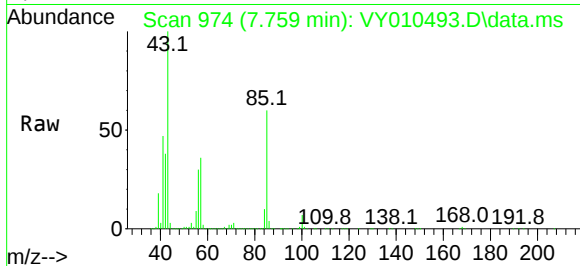




#31  
Cyclohexane  
Concen: 463.026 ug/l  
RT: 7.759 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

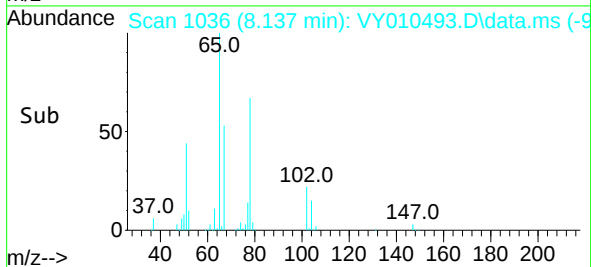
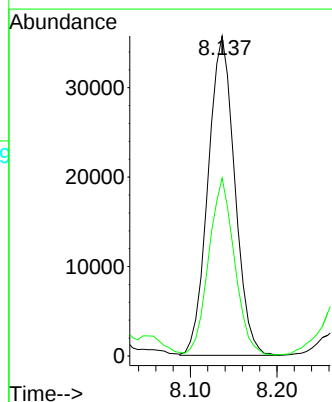
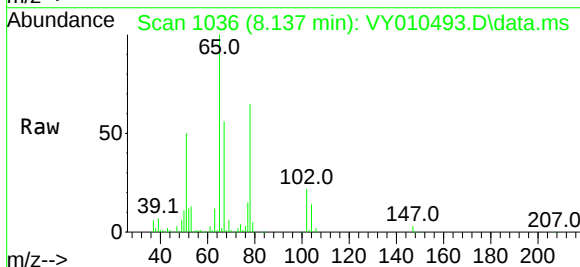
Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

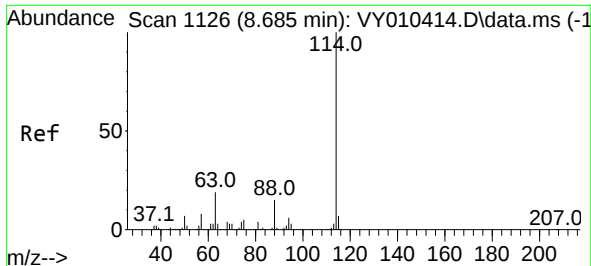
Tgt Ion: 56 Resp: 1220360  
Ion Ratio Lower Upper  
56 100  
69 6.4 26.7 40.1#  
84 33.6 67.2 100.8#



#33  
1,2-Dichloroethane-d4  
Concen: 48.963 ug/l  
RT: 8.137 min Scan# 1036  
Delta R.T. 0.001 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion: 65 Resp: 76388  
Ion Ratio Lower Upper  
65 100  
67 53.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010493.D

Acq: 14 Sep 2022 18:44

Instrument :

MSVOA\_Y

ClientSampleId :

AUD-1647

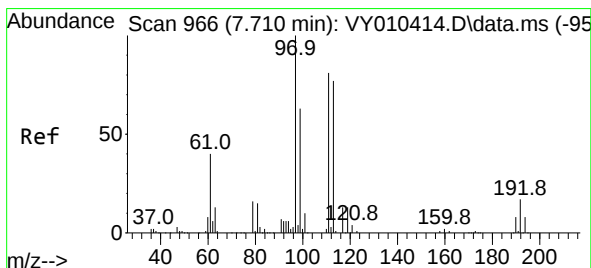
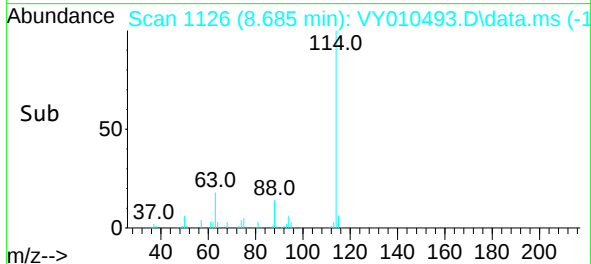
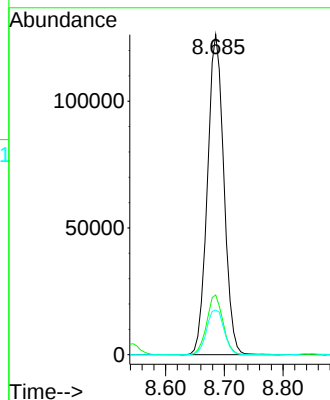
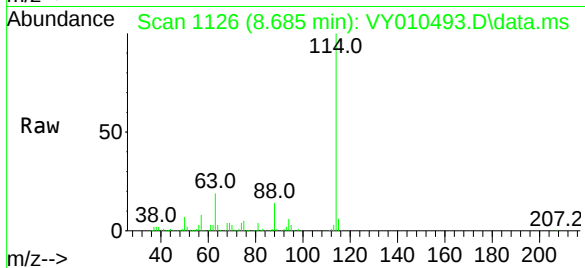
Tgt Ion:114 Resp: 244666

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.130 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010493.D

Acq: 14 Sep 2022 18:44

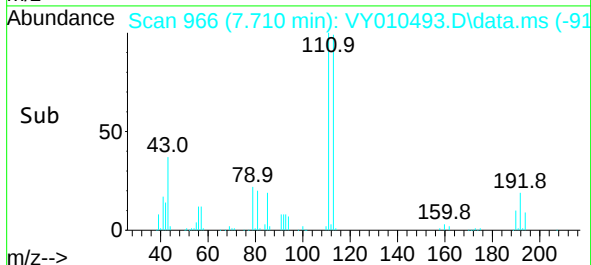
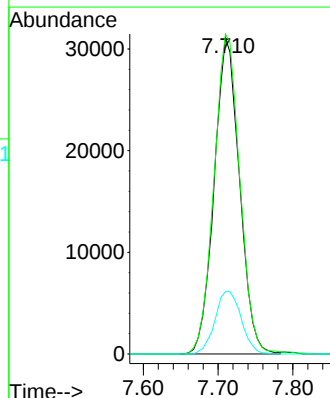
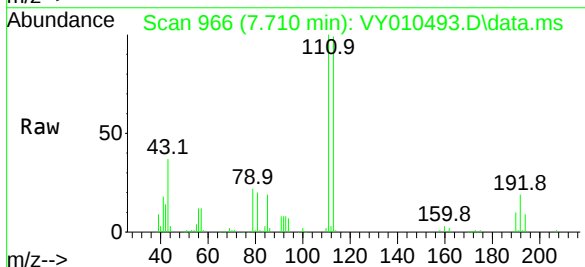
Tgt Ion:113 Resp: 73207

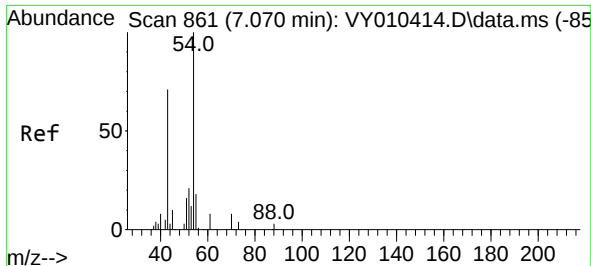
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 20.5 17.6 26.4

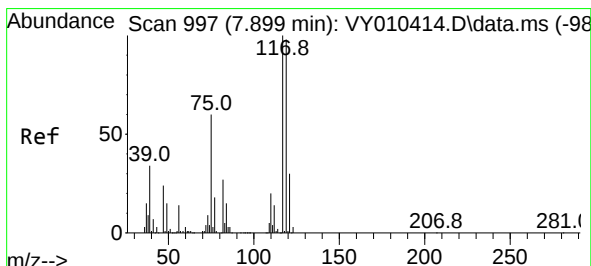
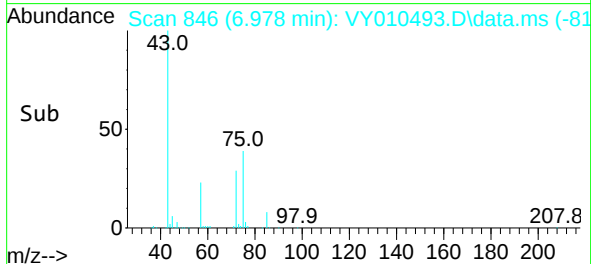
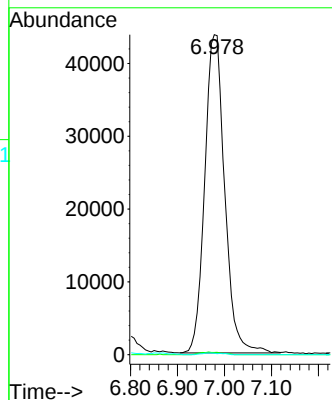
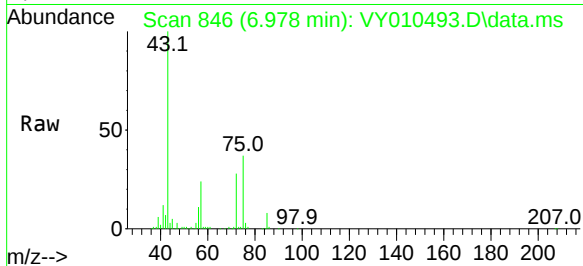




#37  
Ethyl Acetate  
Concen: 103.025 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. -0.092 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

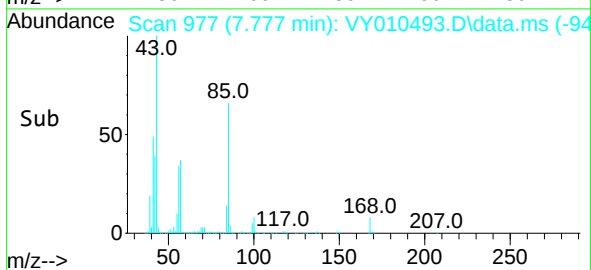
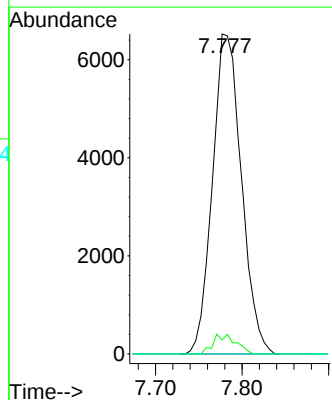
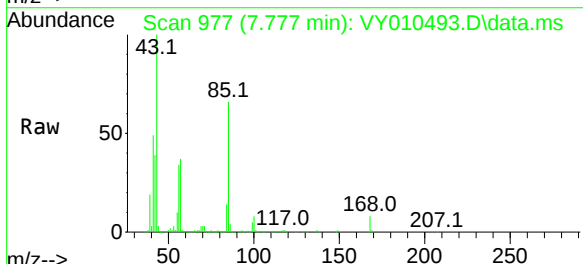
Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

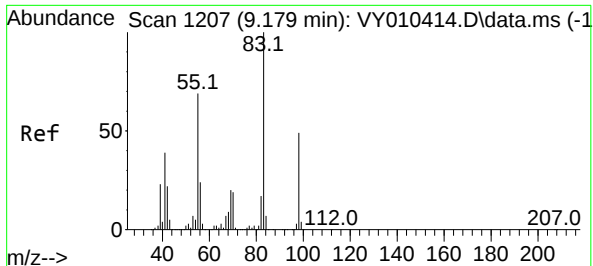
Tgt Ion: 43 Resp: 128836  
Ion Ratio Lower Upper  
43 100  
61 0.9 9.7 14.5#  
70 0.5 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 5.724 ug/l  
RT: 7.777 min Scan# 977  
Delta R.T. -0.122 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion: 117 Resp: 15149  
Ion Ratio Lower Upper  
117 100  
119 4.3 77.9 116.9#  
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 148.941 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010493.D

Acq: 14 Sep 2022 18:44

Instrument :

MSVOA\_Y

ClientSampleId :

AUD-1647

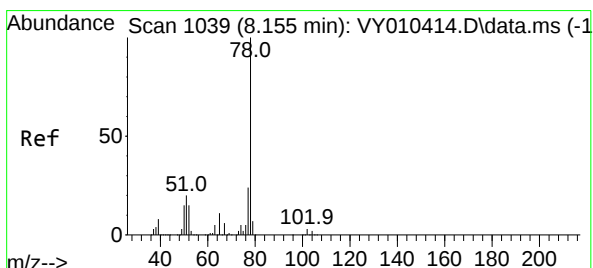
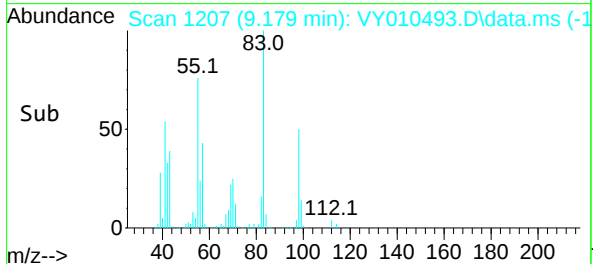
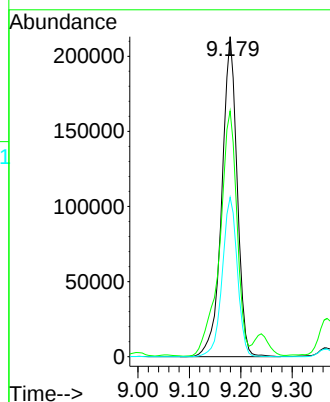
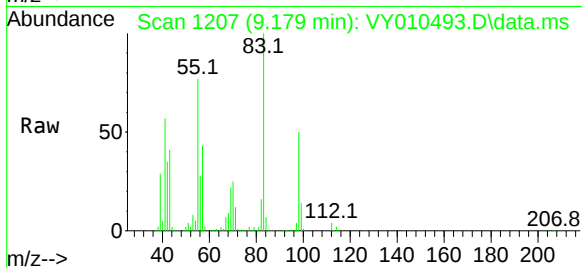
Tgt Ion: 83 Resp: 441777

Ion Ratio Lower Upper

83 100

55 76.6 66.5 99.7

98 49.8 37.9 56.9



#40

Benzene

Concen: 16.826 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010493.D

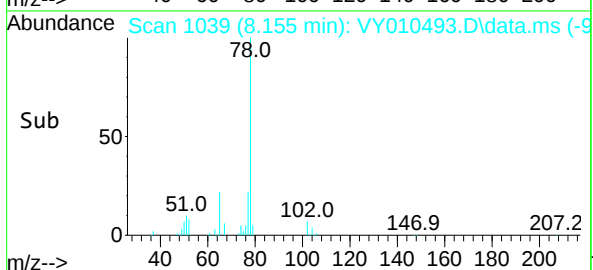
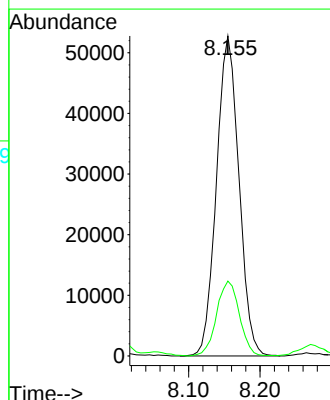
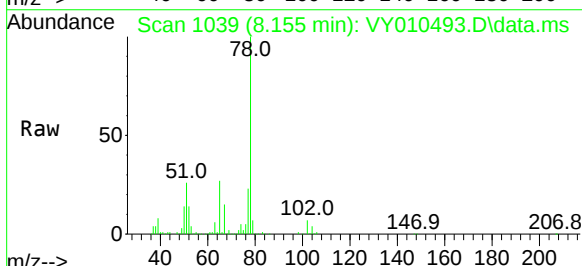
Acq: 14 Sep 2022 18:44

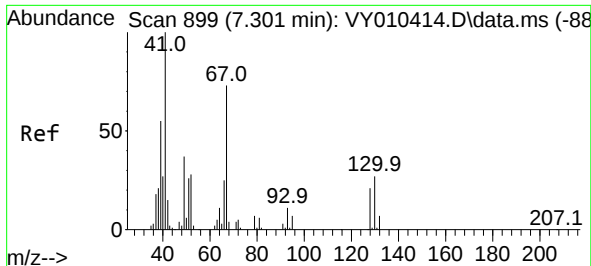
Tgt Ion: 78 Resp: 115224

Ion Ratio Lower Upper

78 100

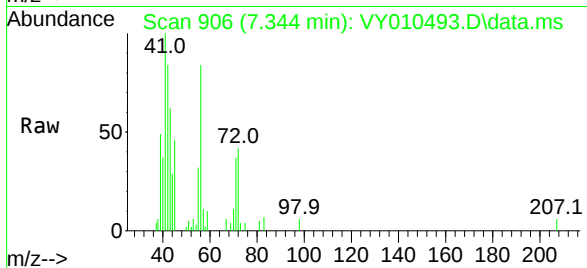
77 23.2 20.4 30.6



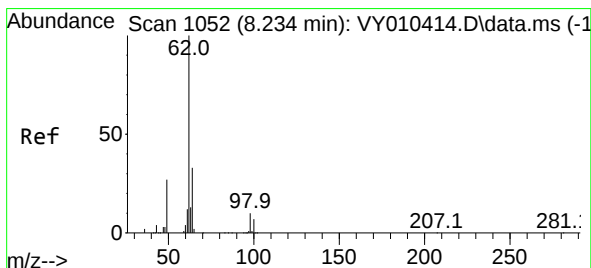
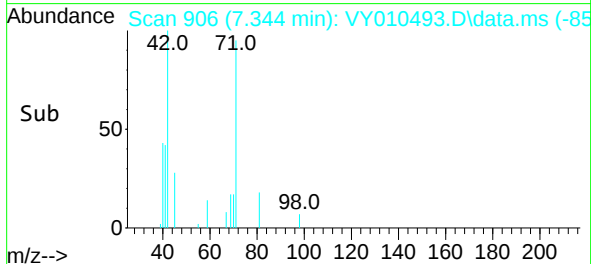
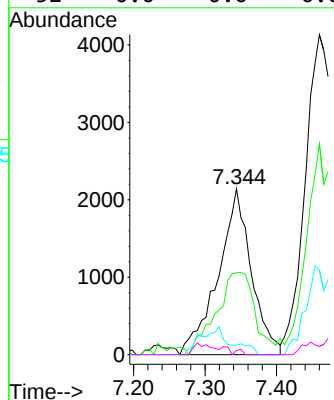


#41  
Methacrylonitrile  
Concen: 9.638 ug/l  
RT: 7.344 min Scan# 906  
Delta R.T. 0.043 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

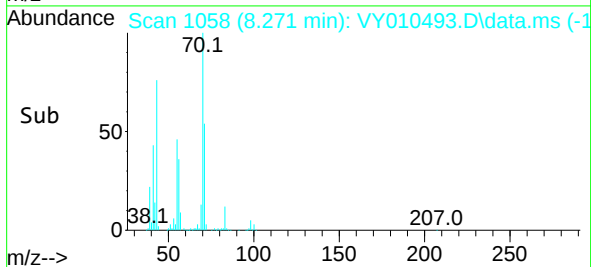
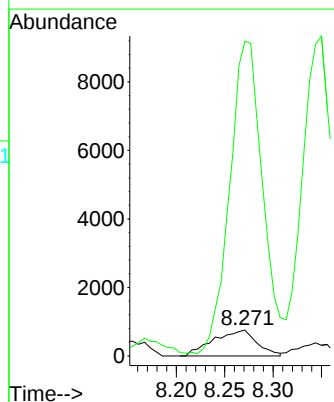
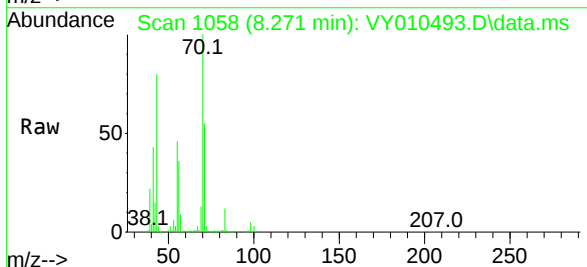


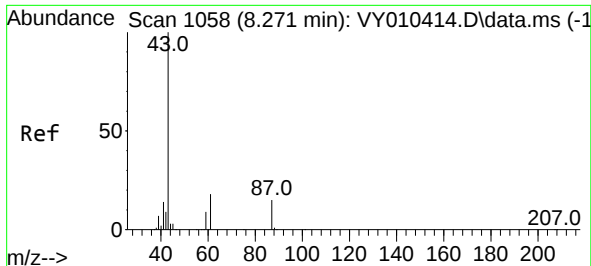
Tgt Ion: 41 Resp: 6890  
Ion Ratio Lower Upper  
41 100  
39 57.6 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 1.161 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. 0.037 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion: 62 Resp: 2364  
Ion Ratio Lower Upper  
62 100  
98 928.2 0.0 14.8#

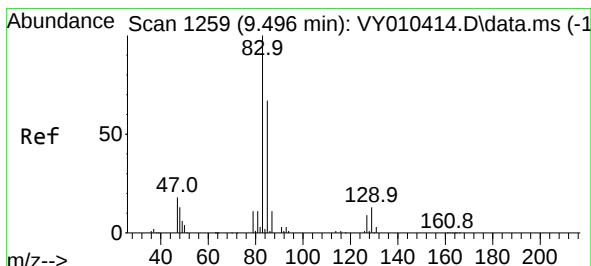
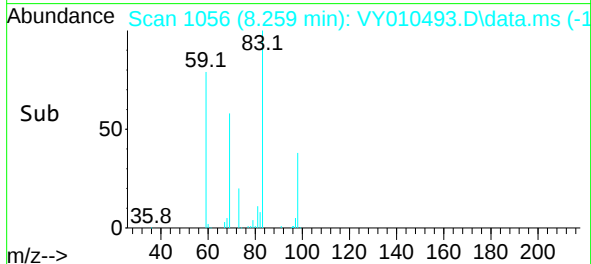
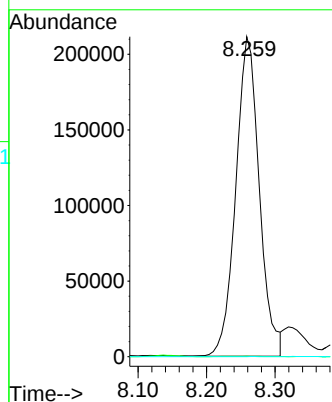
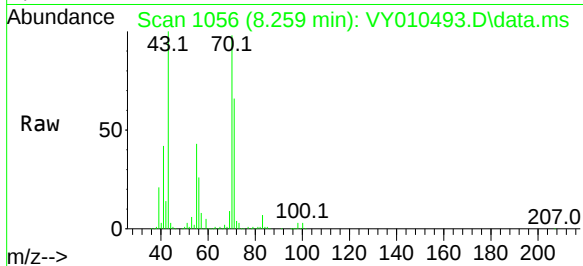




#43  
Isopropyl Acetate  
Concen: 220.429 ug/l  
RT: 8.259 min Scan# 1056  
Delta R.T. -0.012 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

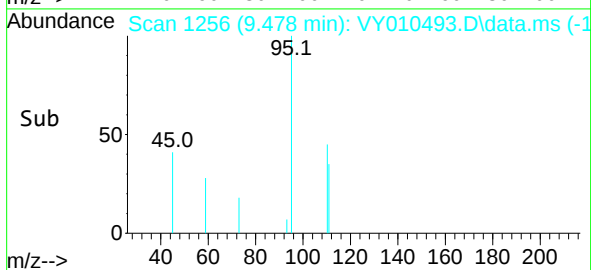
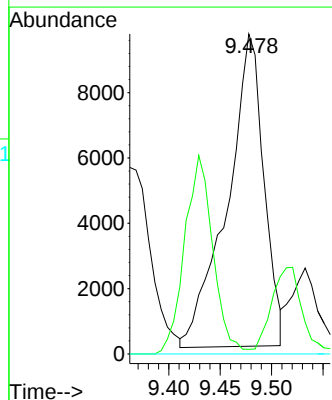
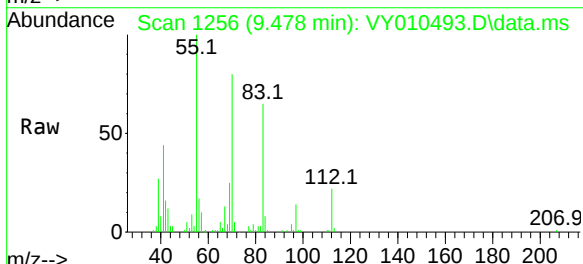
Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

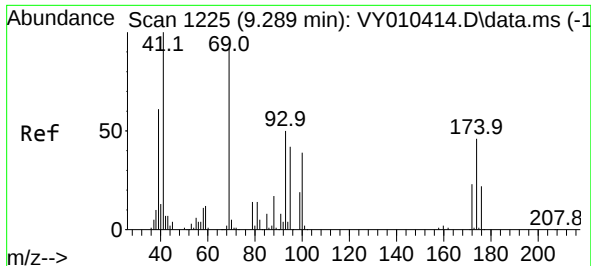
Tgt Ion: 43 Resp: 504465  
Ion Ratio Lower Upper  
43 100  
61 0.0 20.2 30.2#  
87 0.0 8.9 13.3#



#47  
Bromodichloromethane  
Concen: 9.898 ug/l  
RT: 9.478 min Scan# 1256  
Delta R.T. -0.018 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion: 83 Resp: 23678  
Ion Ratio Lower Upper  
83 100  
85 0.0 51.9 77.9#  
127 0.0 6.6 10.0#





#48

Methyl methacrylate

Concen: 120.883 ug/l

RT: 9.240 min Scan# 1217

Delta R.T. -0.049 min

Lab File: VY010493.D

Acq: 14 Sep 2022 18:44

Instrument :

MSVOA\_Y

ClientSampleId :

AUD-1647

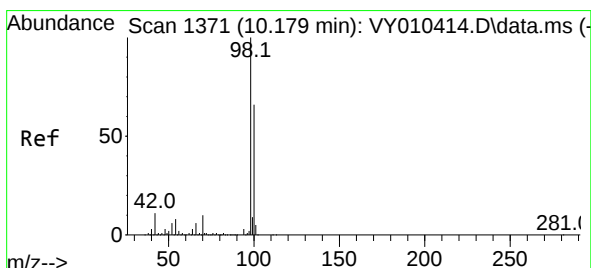
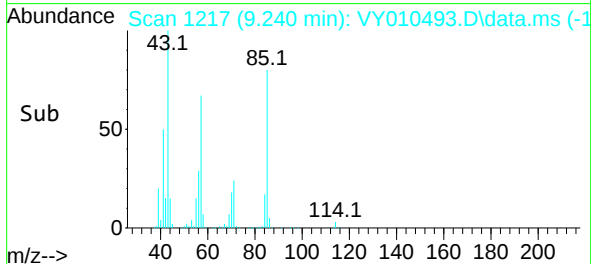
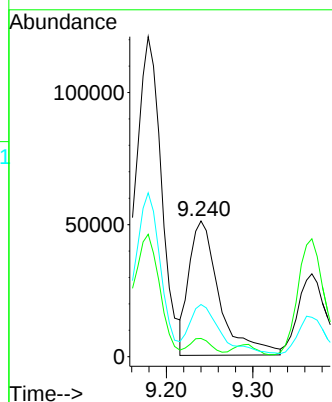
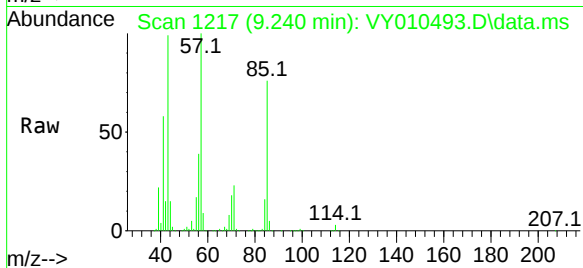
Tgt Ion: 41 Resp: 124248

Ion Ratio Lower Upper

41 100

69 9.7 58.2 87.2#

39 40.7 47.4 71.0#



#50

Toluene-d8

Concen: 52.144 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010493.D

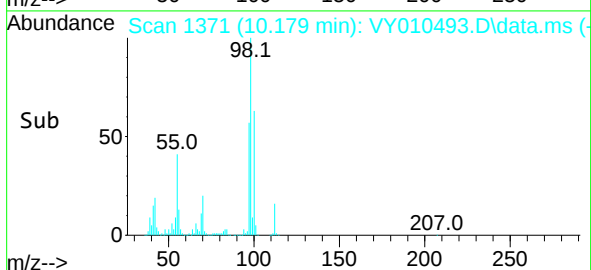
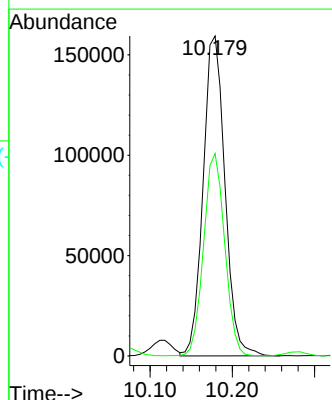
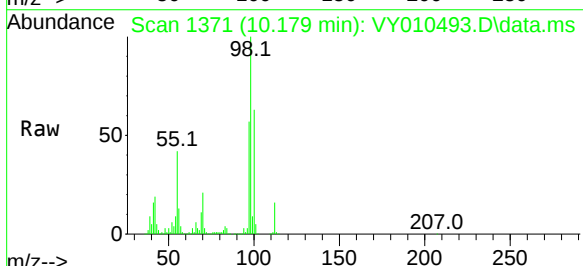
Acq: 14 Sep 2022 18:44

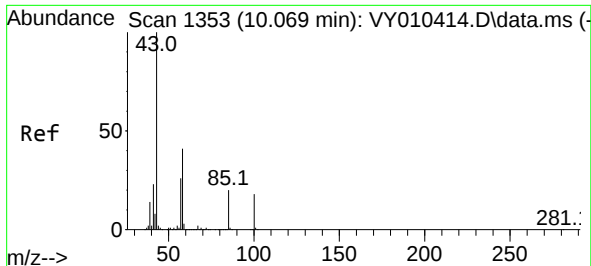
Tgt Ion: 98 Resp: 293653

Ion Ratio Lower Upper

98 100

100 61.2 50.2 75.2

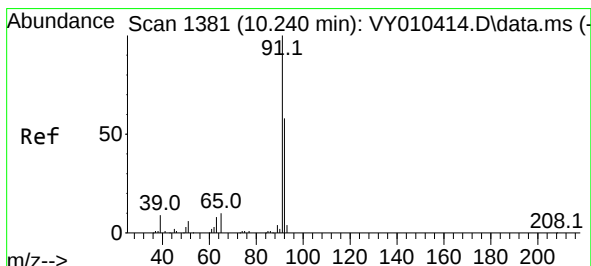
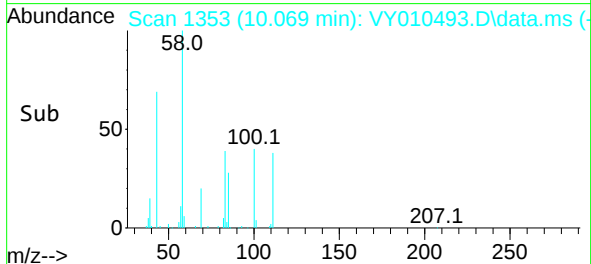
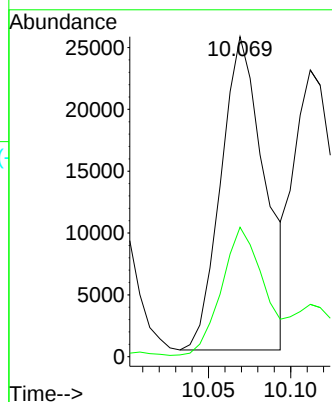
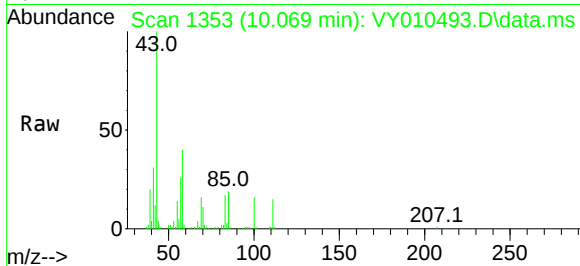




#51  
4-Methyl-2-Pentanone  
Concen: 37.381 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

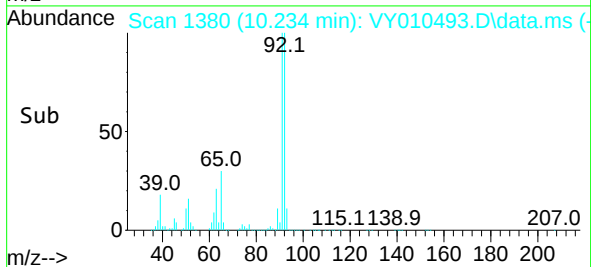
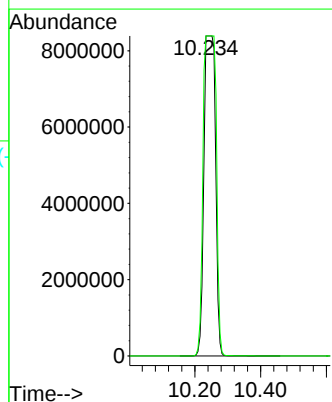
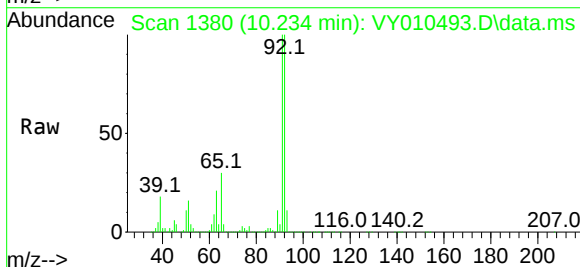
Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

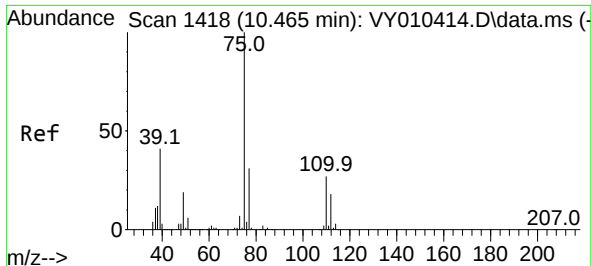
Tgt Ion: 43 Resp: 46924  
Ion Ratio Lower Upper  
43 100  
58 39.5 28.1 42.1



#52  
Toluene  
Concen: 4560.405 ug/l  
RT: 10.234 min Scan# 1380  
Delta R.T. -0.006 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion: 92 Resp: 20436116  
Ion Ratio Lower Upper  
92 100  
91 0.0 142.6 213.8#

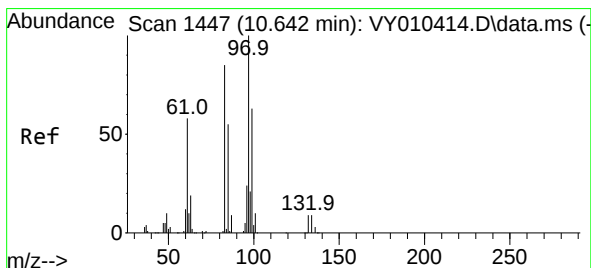
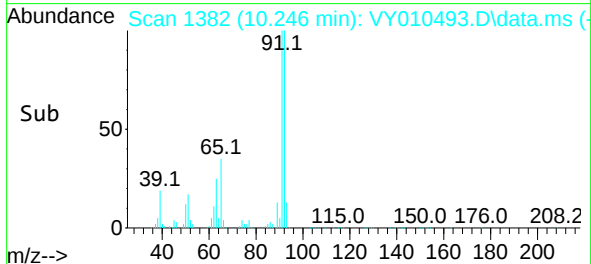
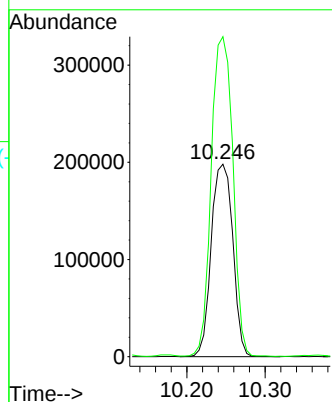
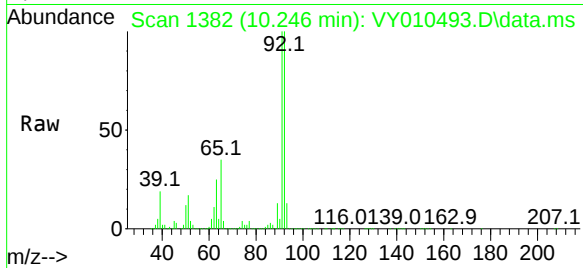




#53  
t-1,3-Dichloropropene  
Concen: 153.659 ug/l  
RT: 10.246 min Scan# 11  
Delta R.T. -0.219 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

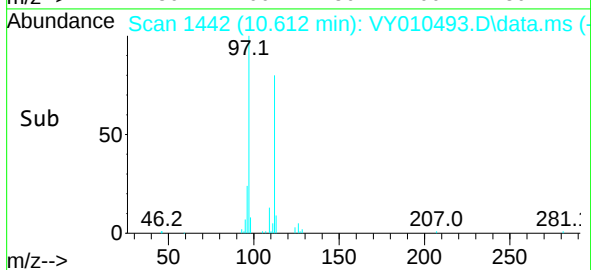
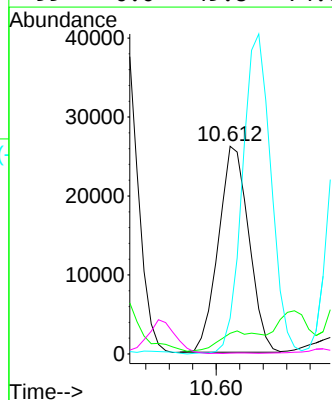
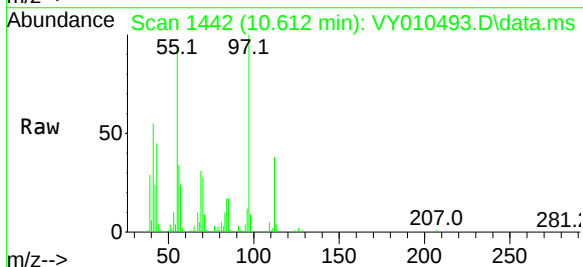
Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

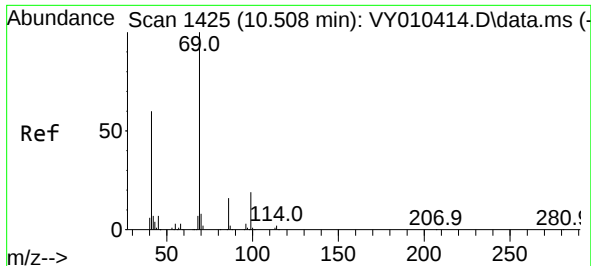
Tgt Ion: 75 Resp: 378290  
Ion Ratio Lower Upper  
75 100  
77 166.0 25.4 38.2#



#55  
1,1,2-Trichloroethane  
Concen: 32.827 ug/l  
RT: 10.612 min Scan# 1442  
Delta R.T. -0.030 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion: 97 Resp: 47030  
Ion Ratio Lower Upper  
97 100  
83 7.7 69.8 104.8#  
85 17.0 44.3 66.5#  
99 0.0 49.8 74.6#

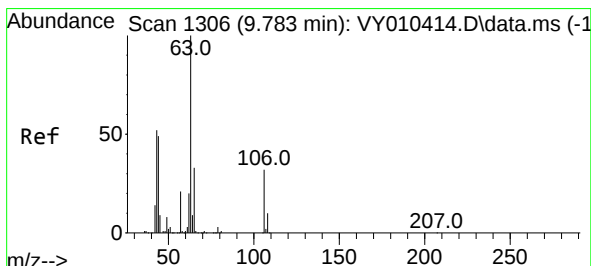
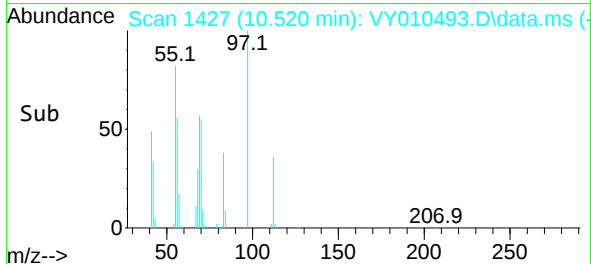
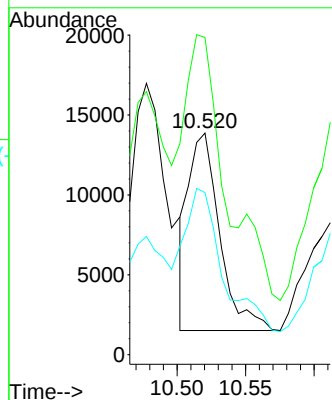
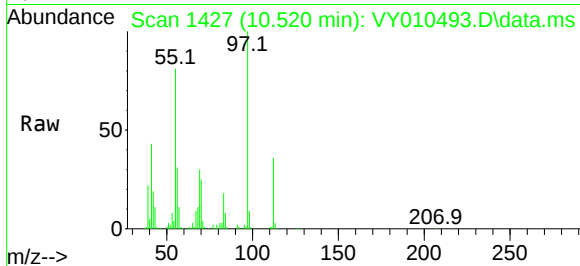




#56  
Ethyl methacrylate  
Concen: 10.412 ug/l  
RT: 10.520 min Scan# 1427  
Delta R.T. 0.012 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

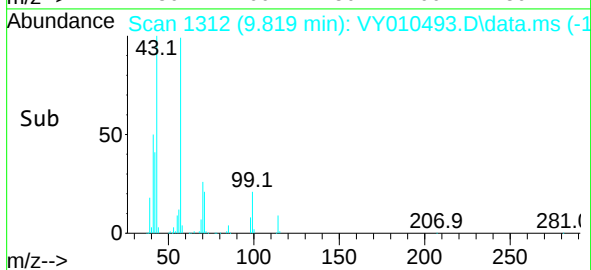
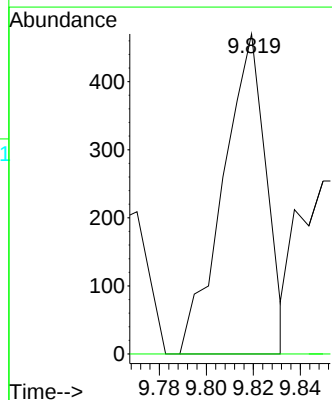
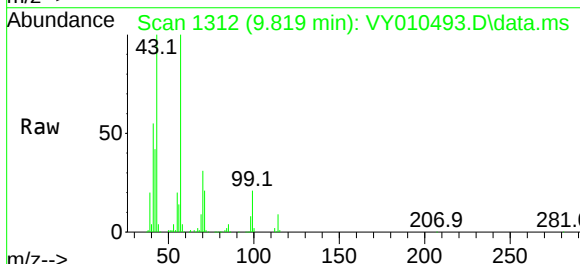
Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

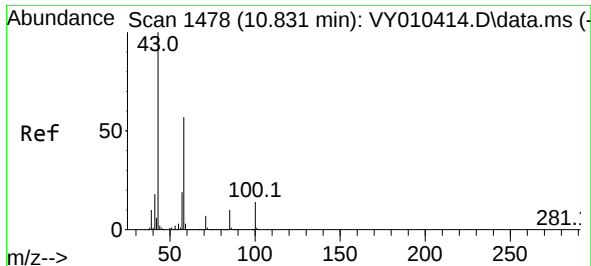
Tgt Ion: 69 Resp: 19590  
Ion Ratio Lower Upper  
69 100  
41 184.1 63.4 95.0#  
39 0.0 35.8 53.8#



#58  
2-Chloroethyl Vinyl ether  
Concen: Below Cal  
RT: 9.819 min Scan# 1312  
Delta R.T. 0.036 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion: 63 Resp: 601  
Ion Ratio Lower Upper  
63 100  
106 0.0 21.5 32.3#

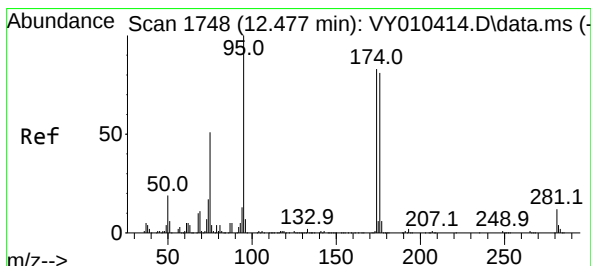
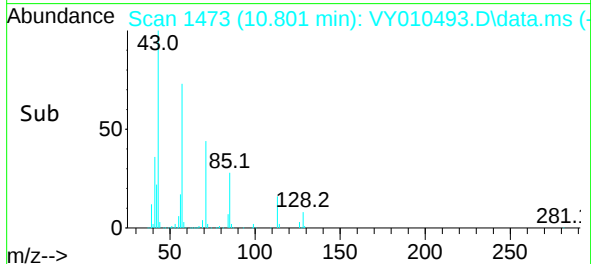
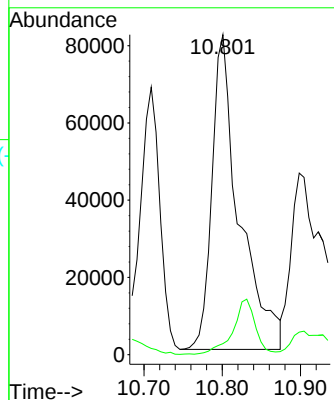
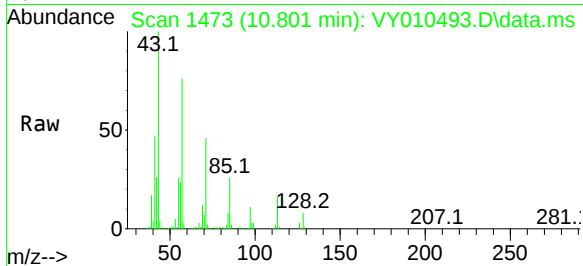




#59  
2-Hexanone  
Concen: 230.103 ug/l  
RT: 10.801 min Scan# 1473  
Delta R.T. -0.030 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

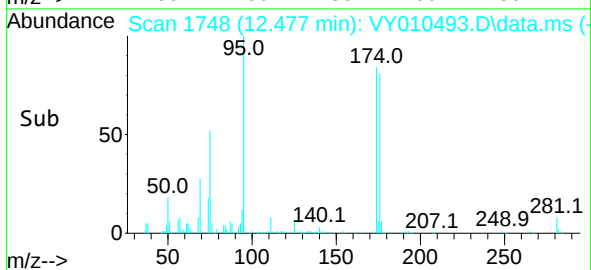
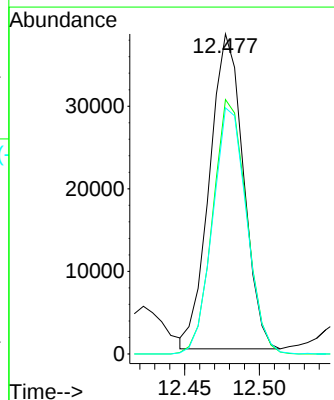
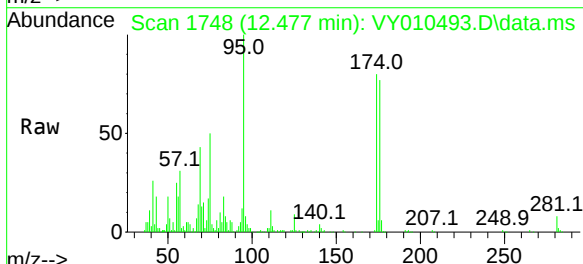
Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

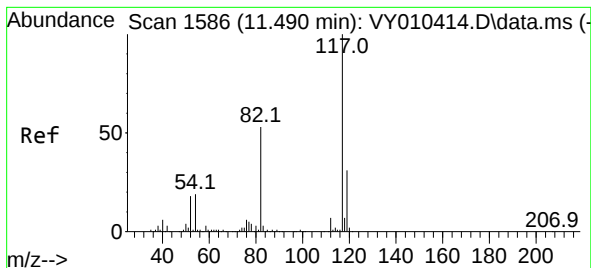
Tgt Ion: 43 Resp: 196896  
Ion Ratio Lower Upper  
43 100  
58 0.0 24.4 73.4#



#62  
4-Bromofluorobenzene  
Concen: 23.616 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion: 95 Resp: 59966  
Ion Ratio Lower Upper  
95 100  
174 80.5 0.0 177.0  
176 78.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010493.D

Acq: 14 Sep 2022 18:44

Instrument :

MSVOA\_Y

ClientSampleId :

AUD-1647

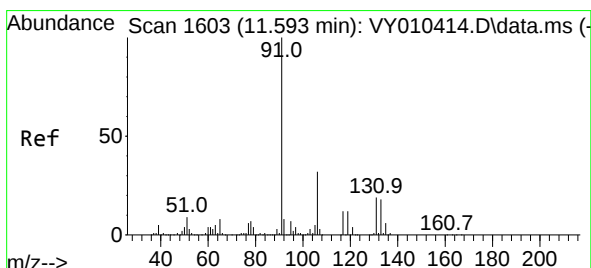
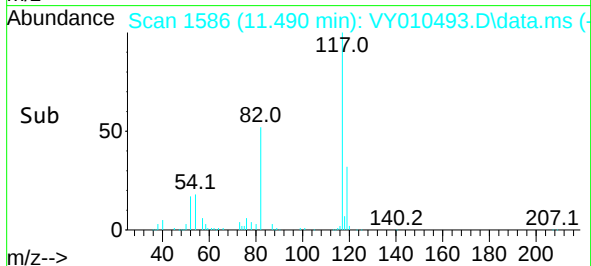
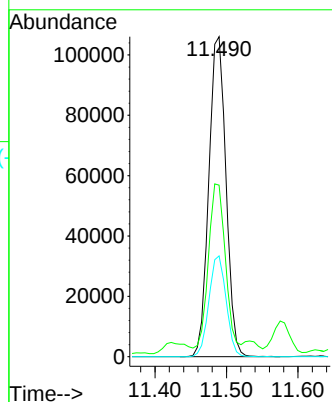
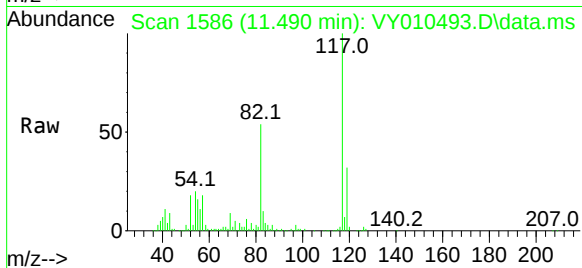
Tgt Ion:117 Resp: 176766

Ion Ratio Lower Upper

117 100

82 49.7 43.0 64.4

119 31.5 25.4 38.0



#67

Ethyl Benzene

Concen: 34.033 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY010493.D

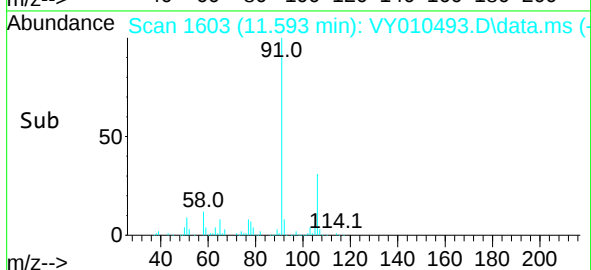
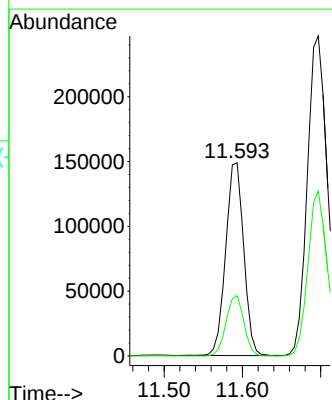
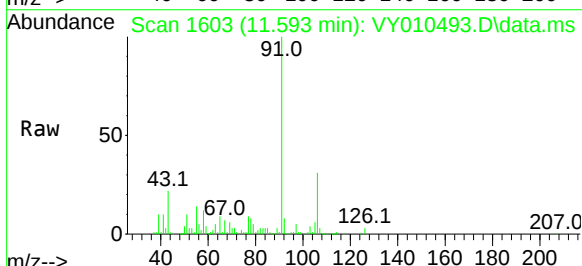
Acq: 14 Sep 2022 18:44

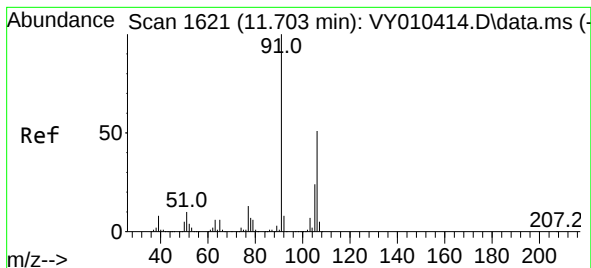
Tgt Ion: 91 Resp: 238107

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7

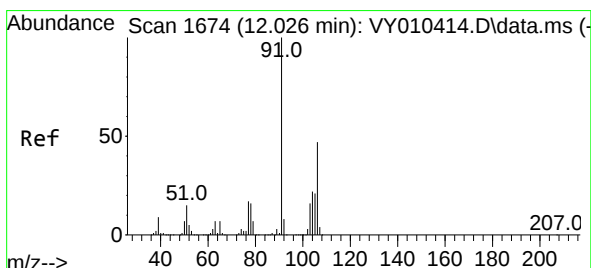
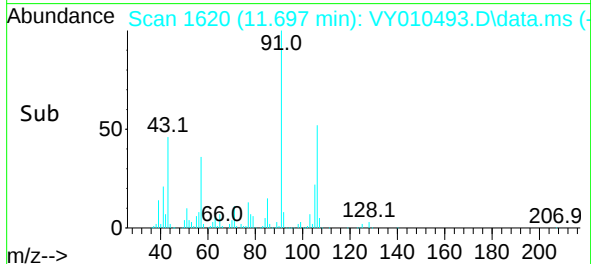
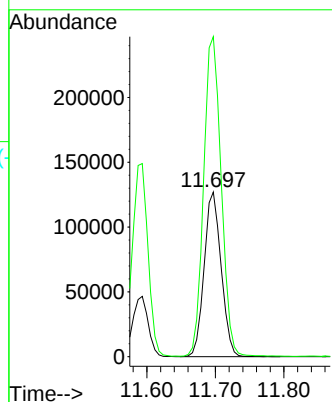
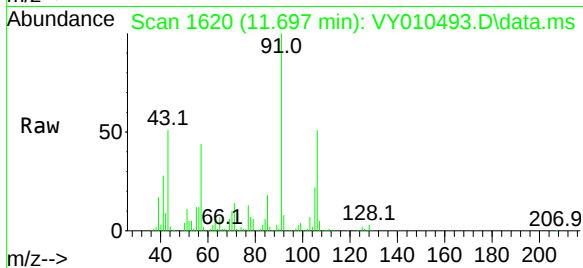




#68  
m/p-Xylenes  
Concen: 79.563 ug/l  
RT: 11.697 min Scan# 1620  
Delta R.T. -0.006 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

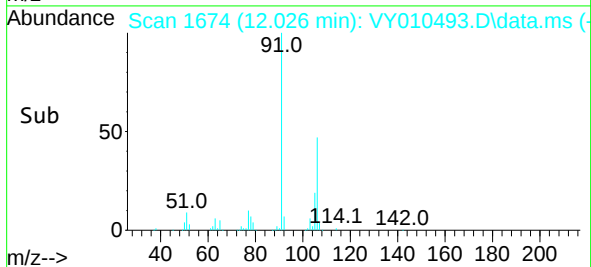
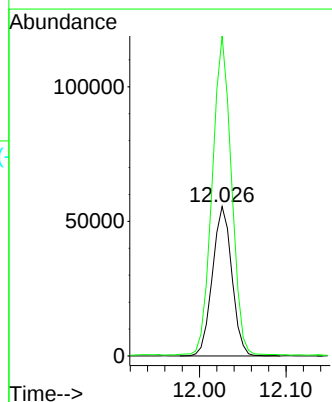
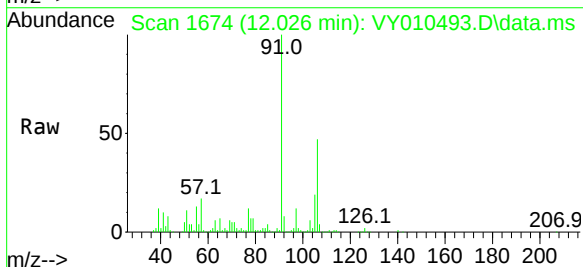
Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

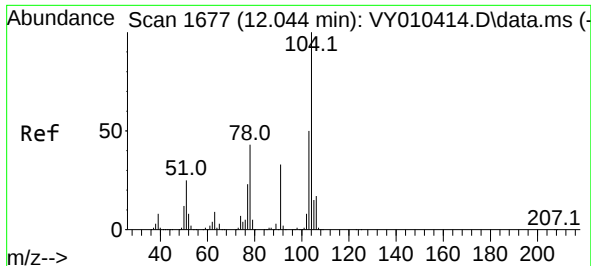
Tgt Ion:106 Resp: 218536  
Ion Ratio Lower Upper  
106 100  
91 201.1 166.6 249.8



#69  
o-Xylene  
Concen: 32.933 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion:106 Resp: 86373  
Ion Ratio Lower Upper  
106 100  
91 212.3 110.3 331.0

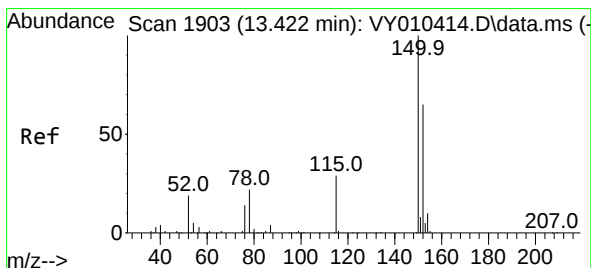
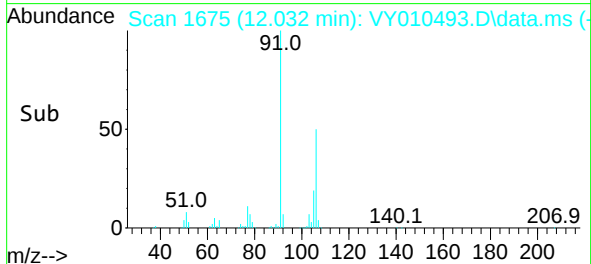
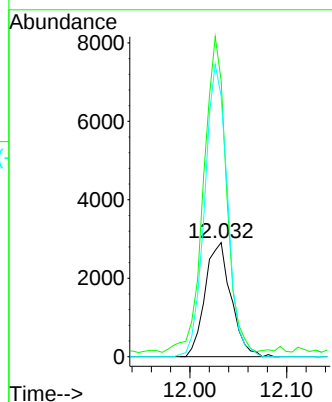
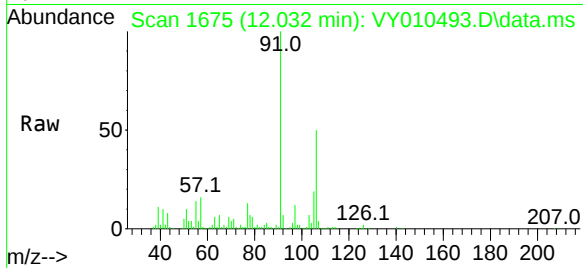




#70  
Styrene  
Concen: 1.224 ug/l  
RT: 12.032 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

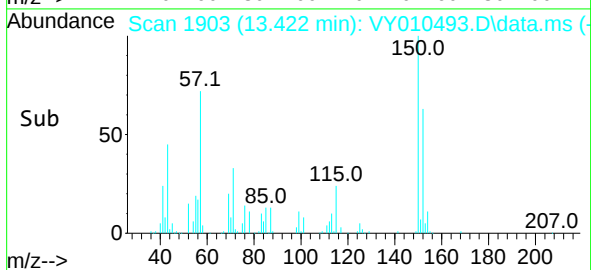
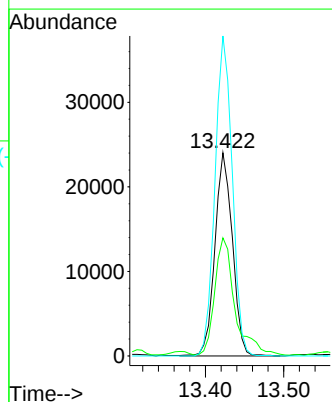
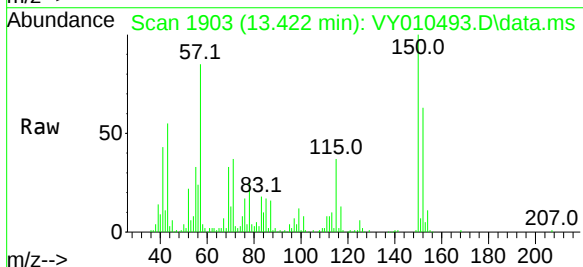
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MSVOA\_Y  
ClientSampleId :  
AUD-1647

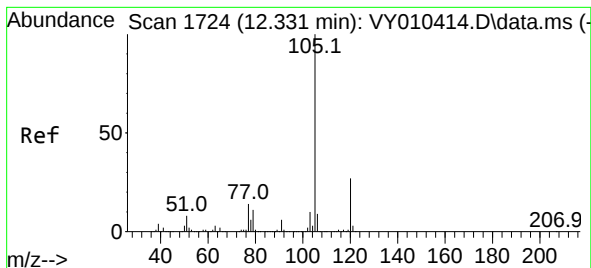
Tgt Ion:104 Resp: 5433  
Ion Ratio Lower Upper  
104 100  
78 243.0 42.4 63.6#  
103 224.9 44.4 66.6#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion:152 Resp: 37311  
Ion Ratio Lower Upper  
152 100  
115 66.1 28.2 84.7  
150 155.5 0.0 347.6





#73

Isopropylbenzene

Concen: 26.539 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010493.D

Acq: 14 Sep 2022 18:44

Instrument :

MSVOA\_Y

ClientSampleId :

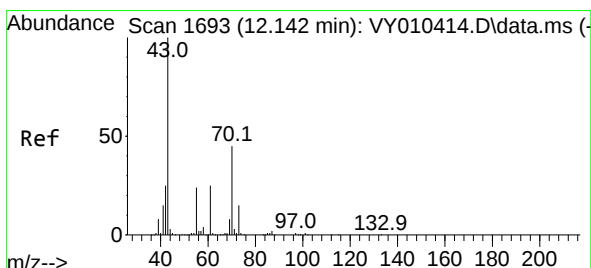
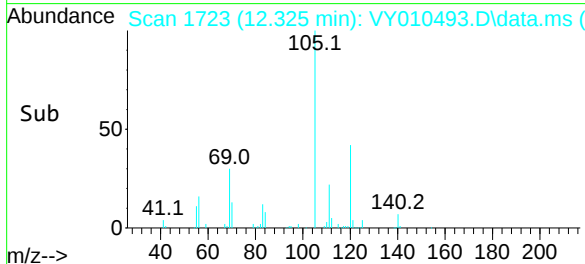
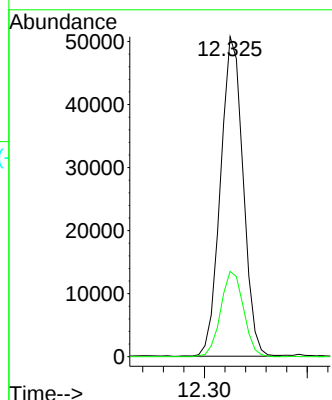
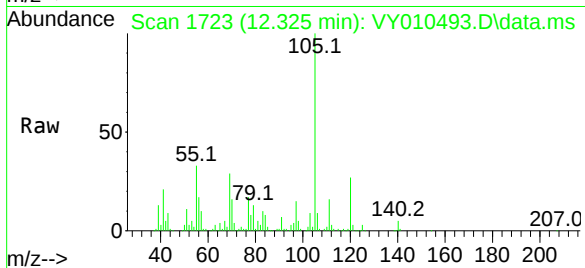
AUD-1647

Tgt Ion:105 Resp: 77258

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 160.406 ug/l

RT: 12.118 min Scan# 1689

Delta R.T. -0.024 min

Lab File: VY010493.D

Acq: 14 Sep 2022 18:44

Tgt Ion: 43 Resp: 108954

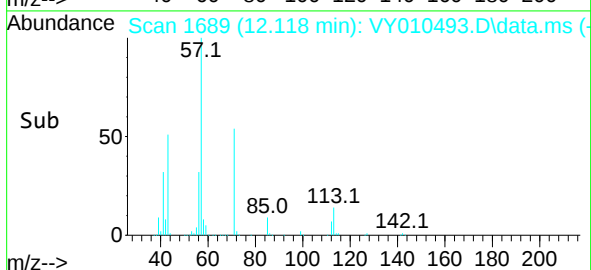
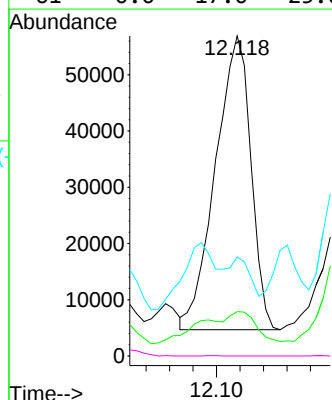
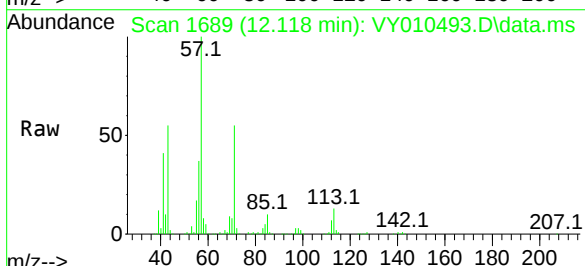
Ion Ratio Lower Upper

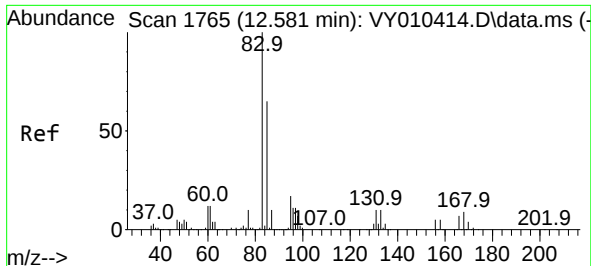
43 100

70 7.6 28.7 43.1#

55 0.0 17.3 25.9#

61 0.0 17.0 25.6#

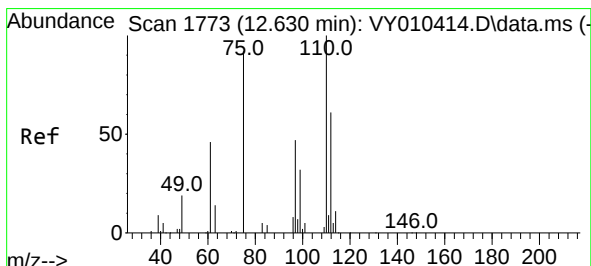
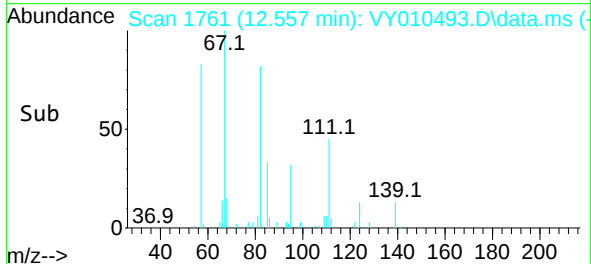
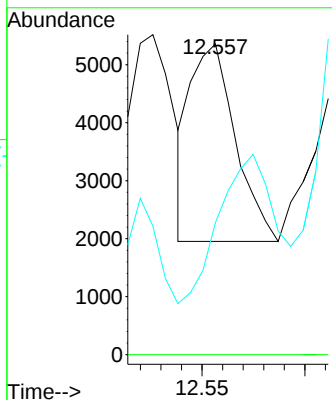
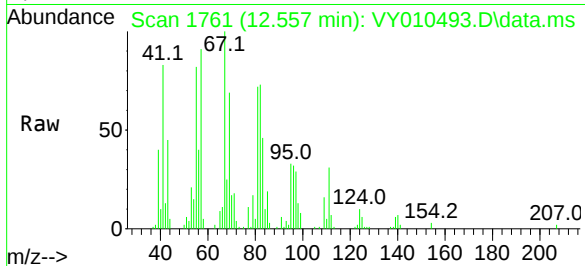




#75  
1,1,2,2-Tetrachloroethane  
Concen: 9.532 ug/l  
RT: 12.557 min Scan# 1761  
Delta R.T. -0.024 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

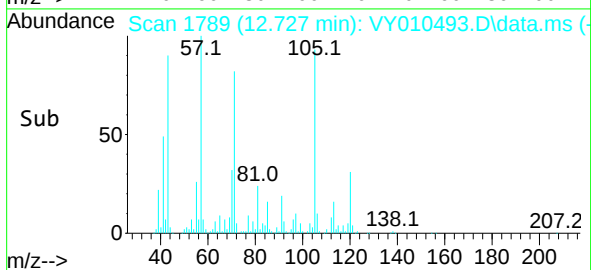
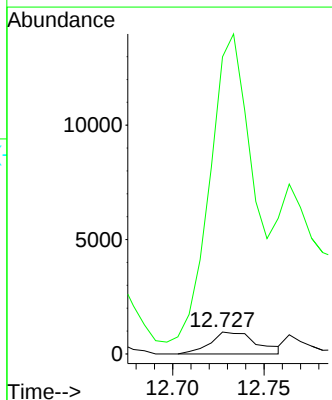
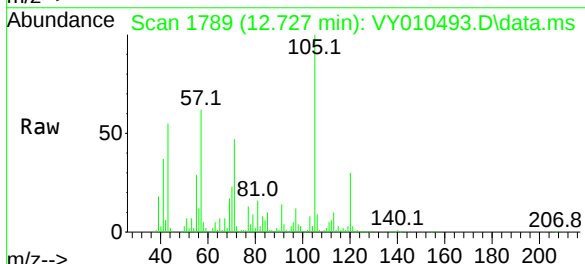
Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

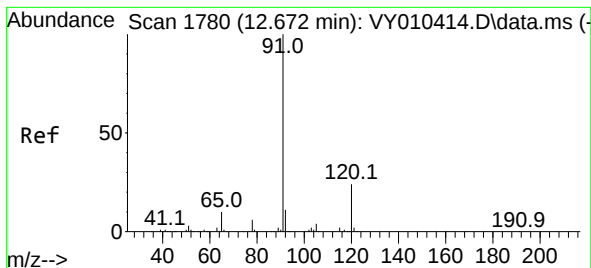
Tgt Ion: 83 Resp: 5191  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.6 16.8#  
85 93.7 32.3 96.8



#76  
1,2,3-Trichloropropane  
Concen: 4.123 ug/l  
RT: 12.727 min Scan# 1789  
Delta R.T. 0.097 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion: 75 Resp: 1698  
Ion Ratio Lower Upper  
75 100  
77 1280.2 0.0 0.0#





#78

n-propylbenzene

Concen: 30.781 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY010493.D

Acq: 14 Sep 2022 18:44

Instrument :

MSVOA\_Y

ClientSampleId :

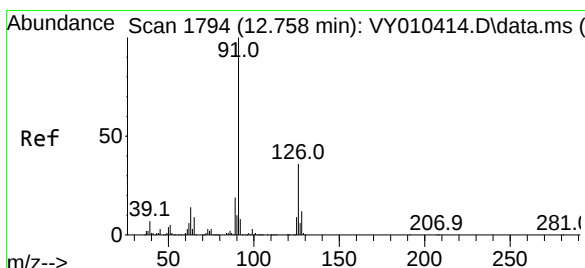
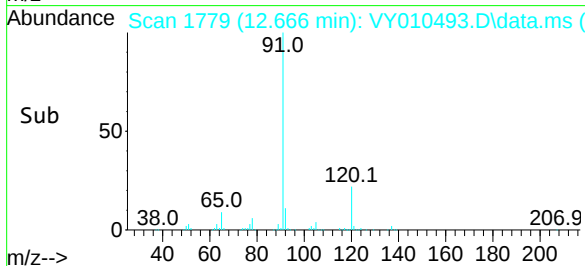
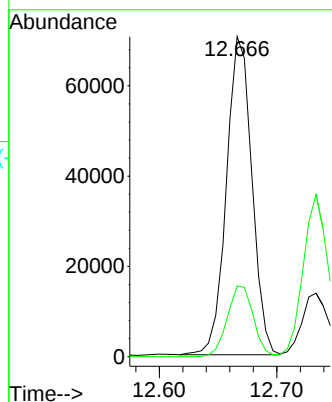
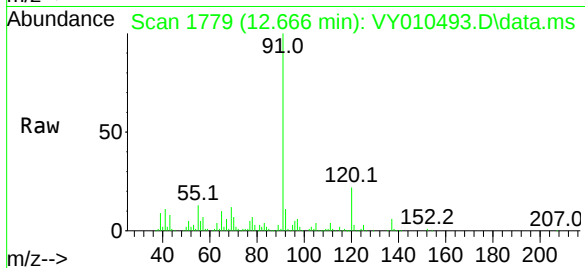
AUD-1647

Tgt Ion: 91 Resp: 106111

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.9



#79

2-Chlorotoluene

Concen: 10.882 ug/l

RT: 12.733 min Scan# 1790

Delta R.T. -0.025 min

Lab File: VY010493.D

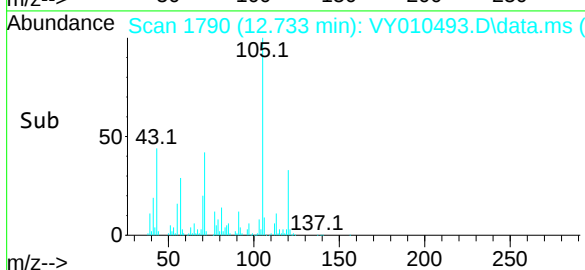
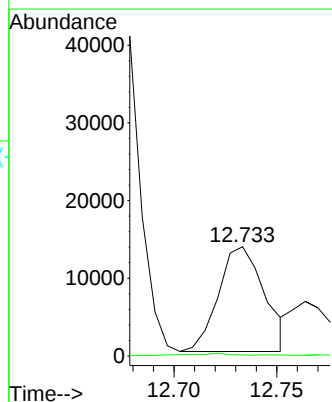
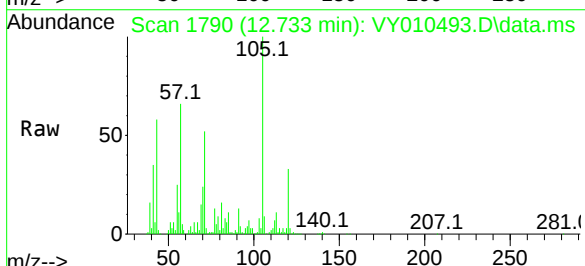
Acq: 14 Sep 2022 18:44

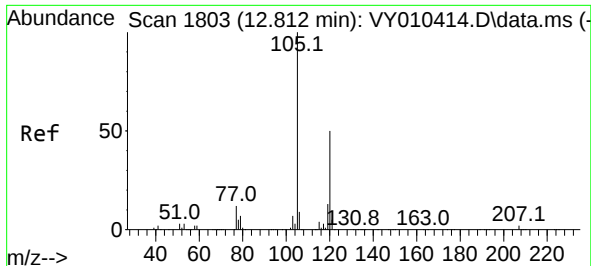
Tgt Ion: 91 Resp: 21073

Ion Ratio Lower Upper

91 100

126 1.7 16.9 50.6#

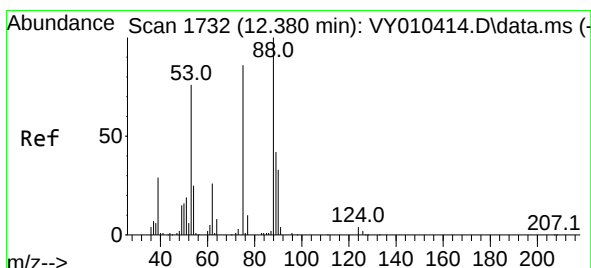
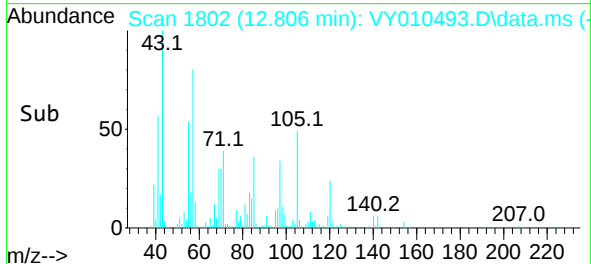
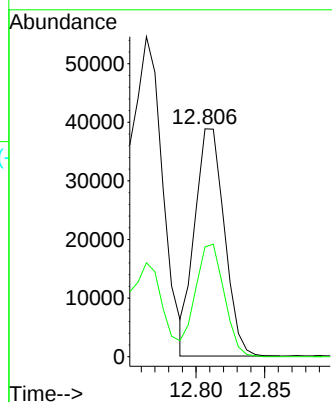
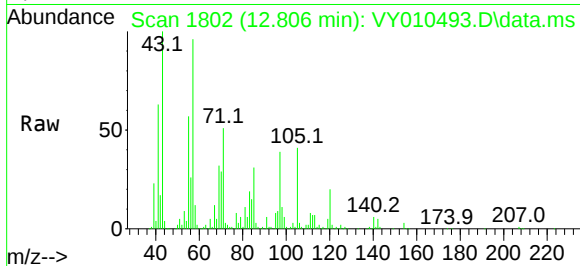




#80  
1,3,5-Trimethylbenzene  
Concen: 23.739 ug/l  
RT: 12.806 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

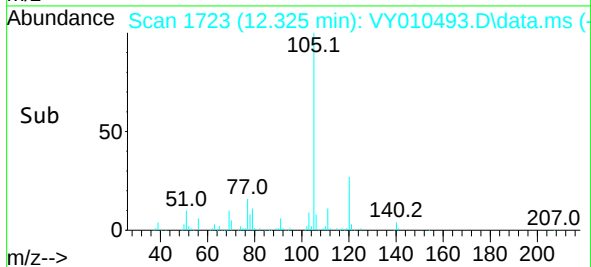
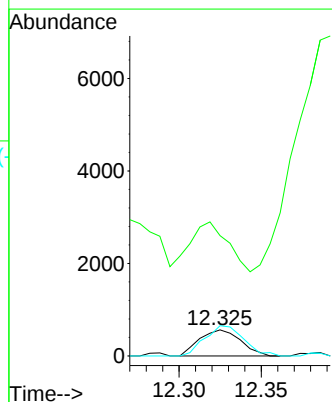
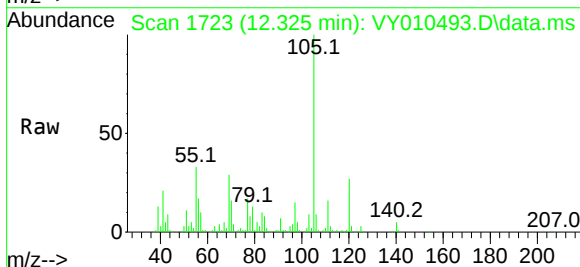
Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

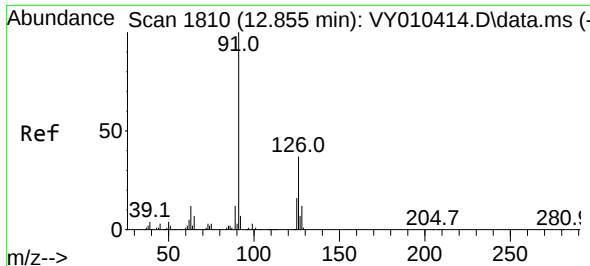
Tgt Ion:105 Resp: 58308  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.4 73.4



#81  
trans-1,4-Dichloro-2-butene  
Concen: 5.311 ug/l  
RT: 12.325 min Scan# 1723  
Delta R.T. -0.055 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion: 75 Resp: 985  
Ion Ratio Lower Upper  
75 100  
53 172.5 85.3 127.9#  
89 108.8 37.0 55.4#

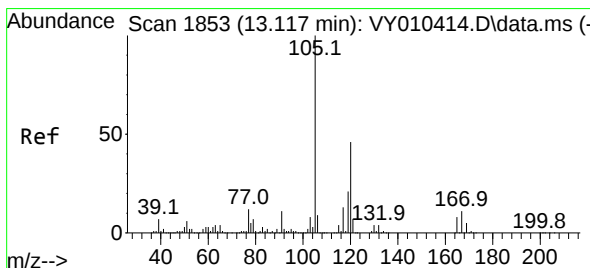
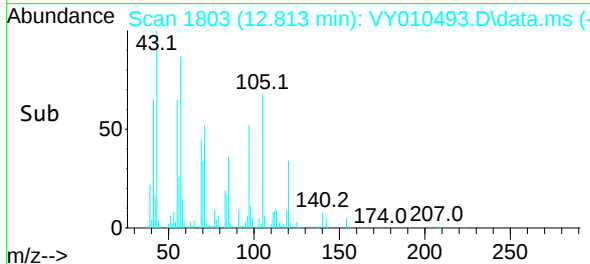
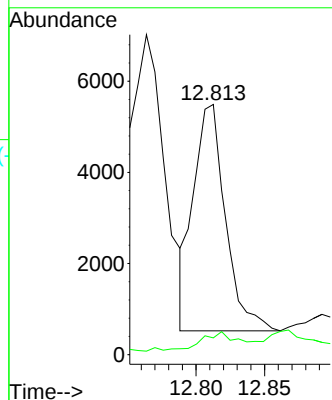
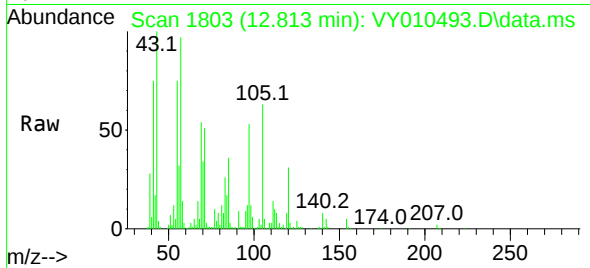




#82  
4-Chlorotoluene  
Concen: 4.016 ug/l  
RT: 12.813 min Scan# 1810  
Delta R.T. -0.042 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

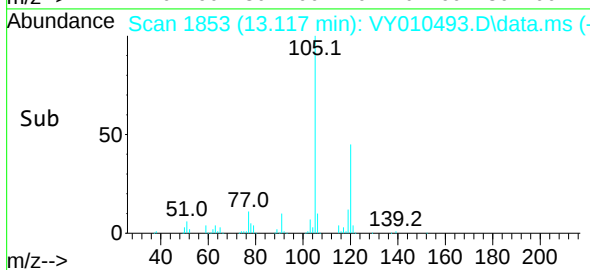
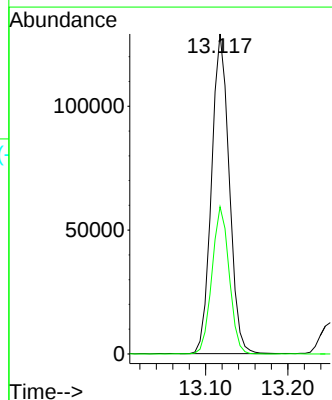
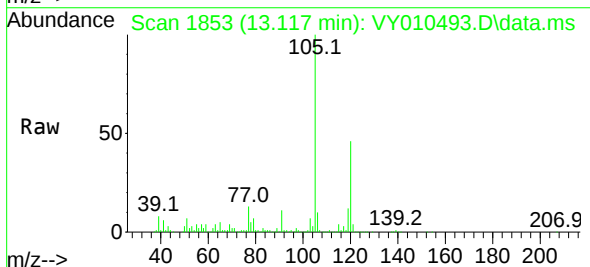
Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

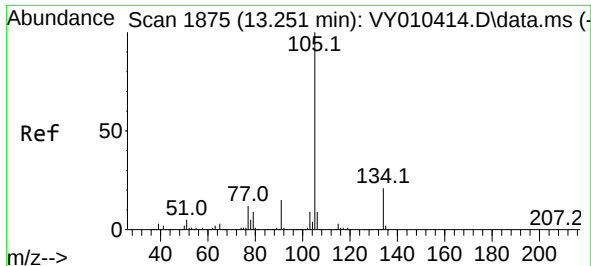
Tgt Ion: 91 Resp: 8091  
Ion Ratio Lower Upper  
91 100  
126 7.3 17.0 51.0#



#84  
1,2,4-Trimethylbenzene  
Concen: 80.299 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion: 105 Resp: 192987  
Ion Ratio Lower Upper  
105 100  
120 44.8 22.3 66.9

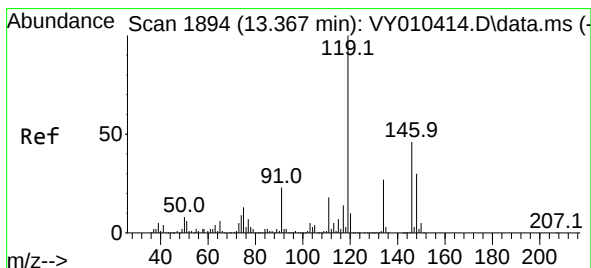
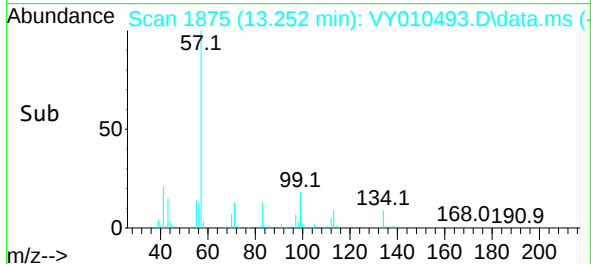
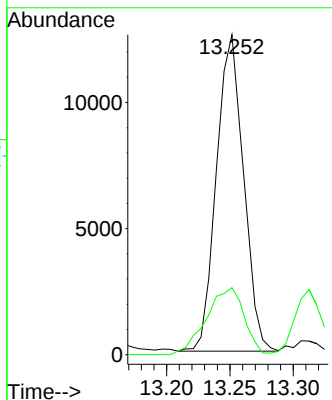
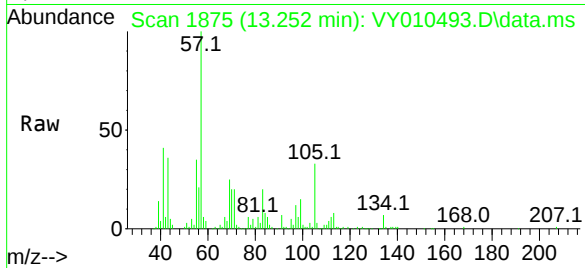




#85  
 sec-Butylbenzene  
 Concen: 5.880 ug/l  
 RT: 13.252 min Scan# 1875  
 Delta R.T. 0.001 min  
 Lab File: VY010493.D  
 Acq: 14 Sep 2022 18:44

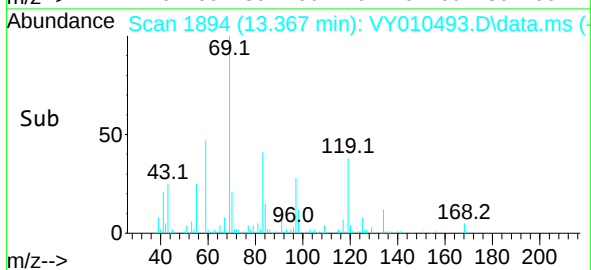
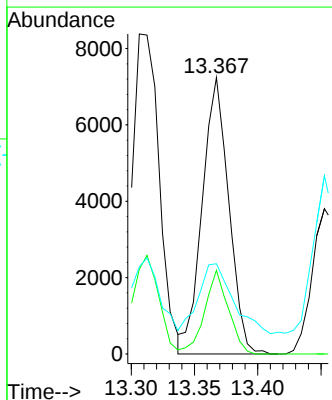
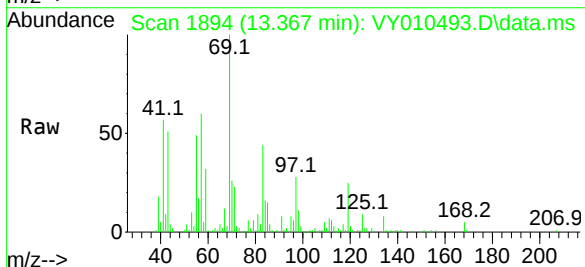
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 AUD-1647

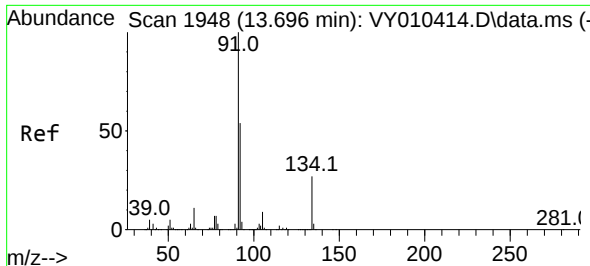
Tgt Ion:105 Resp: 18692  
 Ion Ratio Lower Upper  
 105 100  
 134 29.5 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 3.926 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY010493.D  
 Acq: 14 Sep 2022 18:44

Tgt Ion:119 Resp: 10558  
 Ion Ratio Lower Upper  
 119 100  
 134 27.2 13.2 39.5  
 91 32.3 12.4 37.2

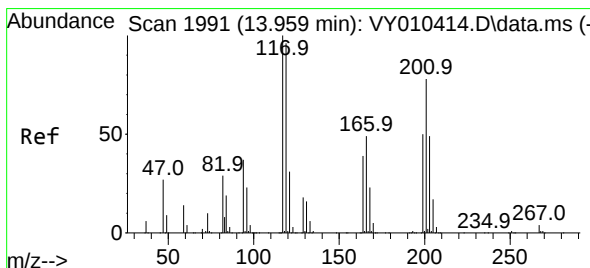
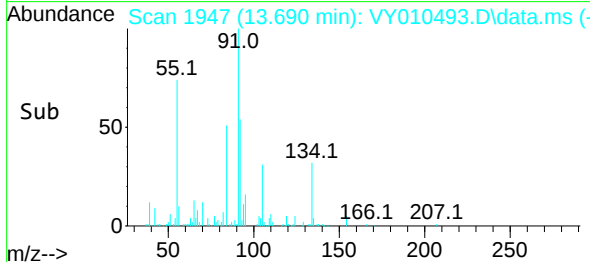
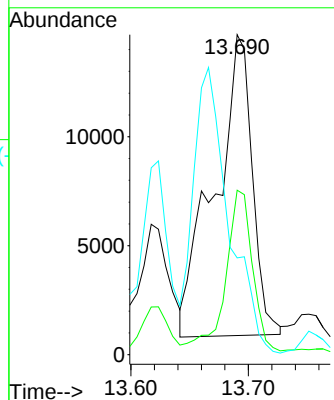
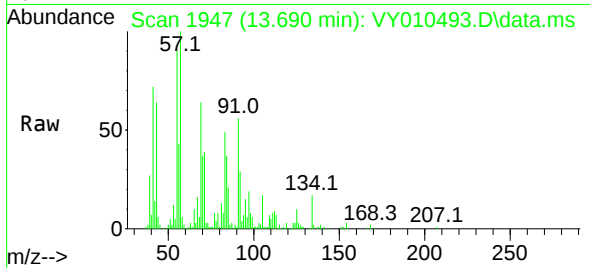




#89  
n-Butylbenzene  
Concen: 12.534 ug/l  
RT: 13.690 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

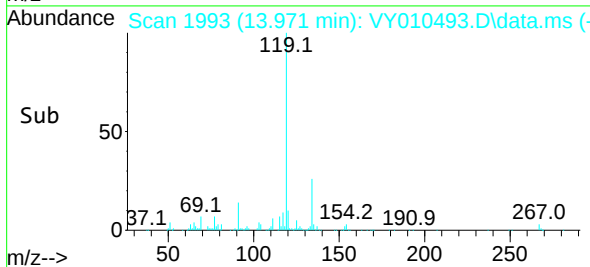
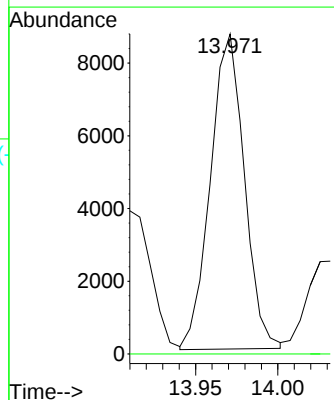
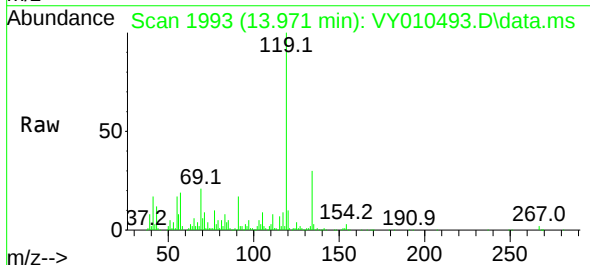
Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

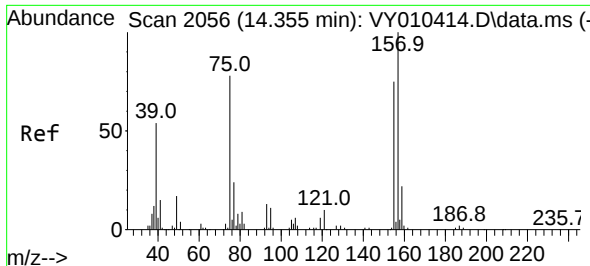
Tgt Ion: 91 Resp: 30594  
Ion Ratio Lower Upper  
91 100  
92 37.4 26.3 78.9  
134 0.0 13.0 38.9#



#90  
Hexachloroethane  
Concen: 24.618 ug/l  
RT: 13.971 min Scan# 1993  
Delta R.T. 0.012 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion: 117 Resp: 12429  
Ion Ratio Lower Upper  
117 100  
201 0.0 43.0 128.8#

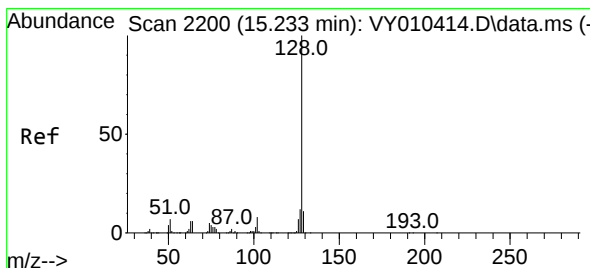
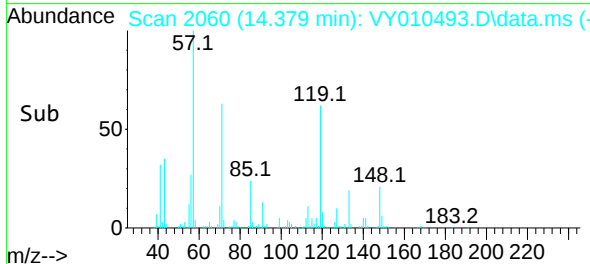
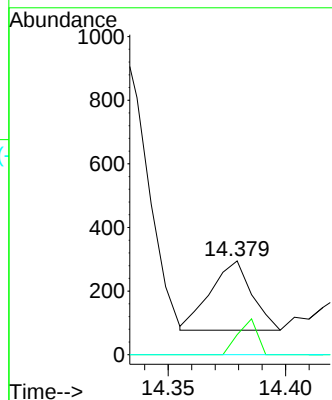
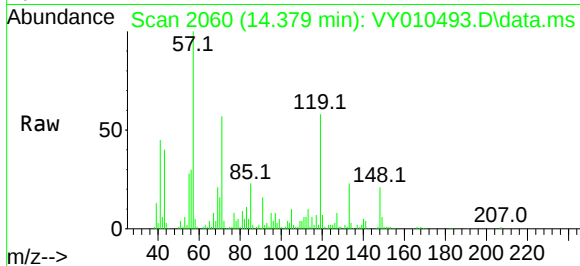




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 2.905 ug/l  
RT: 14.379 min Scan# 2056  
Delta R.T. 0.024 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Instrument :  
MSVOA\_Y  
ClientSampleId :  
AUD-1647

Tgt Ion: 75 Resp: 267  
Ion Ratio Lower Upper  
75 100  
155 24.0 38.0 113.9#  
157 0.0 47.8 143.3#



#95  
Naphthalene  
Concen: 74.690 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. -0.000 min  
Lab File: VY010493.D  
Acq: 14 Sep 2022 18:44

Tgt Ion:128 Resp: 112254  
Ion Ratio Lower Upper  
128 100  
127 13.6 11.0 16.4  
129 10.6 8.4 12.6

