

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY091624\  
 Data File : VY019562.D  
 Acq On : 16 Sep 2024 13:32  
 Operator : SY/MD  
 Sample : P3936-01  
 Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Sep 17 02:13:30 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 09 16:00:30 2024  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |       | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|-----------|-------|----------|-----------|--------|----------|
| -----                         |           |       |          |           |        |          |
| Internal Standards            |           |       |          |           |        |          |
| 1) Pentafluorobenzene         | 7.701     | 168   | 101737   | 50.000    | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene       | 8.616     | 114   | 179118   | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.414    | 117   | 131068   | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.347    | 152   | 44373    | 50.000    | ug/l   | 0.00     |
| System Monitoring Compounds   |           |       |          |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.061     | 65    | 52902    | 56.156    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range | 50 - 163 | Recovery  | =      | 112.320% |
| 35) Dibromofluoromethane      | 7.628     | 113   | 54136    | 53.306    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range | 54 - 147 | Recovery  | =      | 106.620% |
| 50) Toluene-d8                | 10.103    | 98    | 200106   | 53.272    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range | 58 - 134 | Recovery  | =      | 106.540% |
| 62) 4-Bromofluorobenzene      | 12.402    | 95    | 58345    | 40.396    | ug/l   | 0.00     |
| Spiked Amount                 | 50.000    | Range | 29 - 146 | Recovery  | =      | 80.800%  |
| Target Compounds              |           |       |          |           |        |          |
|                               |           |       |          |           | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.885     | 85    | 23       | Below Cal | #      | 43       |
| 11) Tert butyl alcohol        | 4.836     | 59    | 1368     | 17.981    | ug/l   | # 94     |
| 13) Acrolein                  | 3.653     | 56    | 171      | Below Cal | #      | 1        |
| 16) Acetone                   | 3.860     | 43    | 4359     | 19.422    | ug/l   | # 87     |
| 20) Methylene Chloride        | 4.610     | 84    | 2463     | 2.406     | ug/l   | # 89     |
| 25) 2-Butanone                | 6.878     | 43    | 2240     | 7.018     | ug/l   | # 96     |
| 26) 2,2-Dichloropropane       | 6.872     | 77    | 2307     | 1.371     | ug/l   | # 51     |
| 31) Cyclohexane               | 7.695     | 56    | 3701     | 2.195     | ug/l   | # 53     |
| 36) 1,1-Dichloropropene       | 7.701     | 75    | 9062     | 6.558     | ug/l   | # 49     |
| 38) Carbon Tetrachloride      | 7.707     | 117   | 11126    | 7.140     | ug/l   | # 16     |
| 39) Methylcyclohexane         | 9.110     | 83    | 12881    | 7.004     | ug/l   | # 90     |
| 51) 4-Methyl-2-Pentanone      | 10.000    | 43    | 1254     | 1.676     | ug/l   | # 86     |
| 52) Toluene                   | 10.170    | 92    | 16204    | 5.919     | ug/l   | # 96     |
| 55) 1,1,2-Trichloroethane     | 10.548    | 97    | 20286    | 25.815    | ug/l   | # 22     |
| 56) Ethyl methacrylate        | 10.451    | 69    | 3852     | 3.227     | ug/l   | # 1      |
| 59) 2-Hexanone                | 10.731    | 43    | 25869    | 47.150    | ug/l   | # 24     |
| 67) Ethyl Benzene             | 11.518    | 91    | 44394    | 9.691     | ug/l   | # 96     |
| 68) m/p-Xylenes               | 11.627    | 106   | 118057   | 68.155    | ug/l   | # 93     |
| 69) o-Xylene                  | 11.957    | 106   | 113380   | 66.929    | ug/l   | # 91     |
| 70) Styrene                   | 11.957    | 104   | 5832     | 2.039     | ug/l   | # 1      |
| 73) Isopropylbenzene          | 12.255    | 105   | 19495    | 6.056     | ug/l   | # 100    |
| 74) N-amyl acetate            | 12.048    | 43    | 84025    | 95.975    | ug/l   | # 50     |
| 75) 1,1,2,2-Tetrachloroethane | 12.566    | 83    | 19706    | 34.488    | ug/l   | # 26     |
| 76) 1,2,3-Trichloropropane    | 12.658    | 75    | 3870     | 9.305     | ug/l   | # 100    |
| 78) n-propylbenzene           | 12.591    | 91    | 49304    | 12.922    | ug/l   | # 98     |
| 79) 2-Chlorotoluene           | 12.658    | 91    | 54384    | 24.458    | ug/l   | # 40     |
| 80) 1,3,5-Trimethylbenzene    | 12.737    | 105   | 232991   | 89.029    | ug/l   | # 97     |
| 81) trans-1,4-Dichloro-2-b... | 12.408    | 75    | 28101    | 129.707   | ug/l   | # 17     |
| 82) 4-Chlorotoluene           | 12.737    | 91    | 26717    | 11.687    | ug/l   | # 50     |
| 83) tert-Butylbenzene         | 13.042    | 119   | 67509    | 28.495    | ug/l   | # 57     |
| 84) 1,2,4-Trimethylbenzene    | 13.042    | 105   | 567299   | 218.993   | ug/l   | # 97     |
| 85) sec-Butylbenzene          | 13.176    | 105   | 53782    | 15.626    | ug/l   | # 90     |
| 86) p-Isopropyltoluene        | 13.292    | 119   | 57807    | 20.529    | ug/l   | # 95     |
| 89) n-Butylbenzene            | 13.615    | 91    | 50319    | 18.692    | ug/l   | # 60     |
| 90) Hexachloroethane          | 13.889    | 117   | 30001    | 51.204    | ug/l   | # 12     |
| 92) 1,2-Dibromo-3-Chloropr... | 14.291    | 75    | 1367     | 14.355    | ug/l   | # 29     |

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Sample : P3936-01  
Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

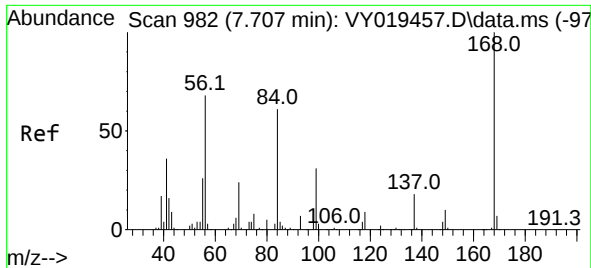
Quant Time: Sep 17 02:13:30 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090924S.M  
Quant Title : SW846 8260  
QLast Update : Mon Sep 09 16:00:30 2024  
Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|----------------------------|--------|------|----------|--------|--------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.919 | 180  | 1272     | 1.689  | ug/l # | 1        |
| 95) Naphthalene            | 15.139 | 128  | 30003    | 19.898 | ug/l # | 69       |
| 96) 1,2,3-Trichlorobenzene | 15.346 | 180  | 6404     | 9.943  | ug/l # | 1        |

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

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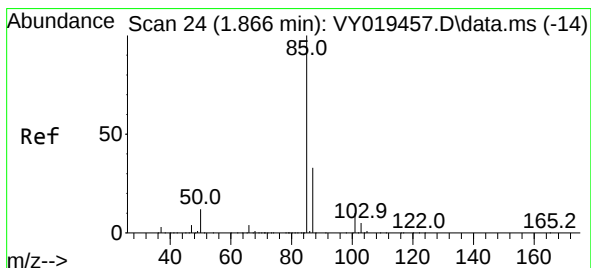
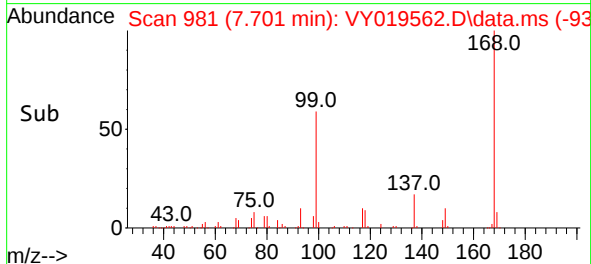
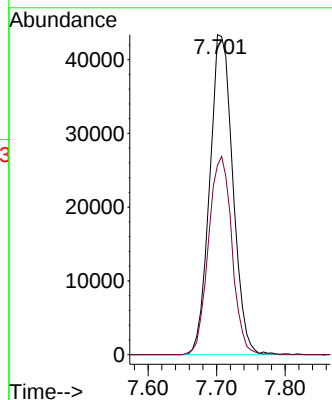
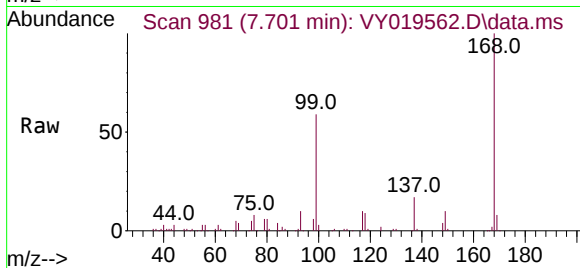




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.701 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY019562.D  
Acq: 16 Sep 2024 13:32

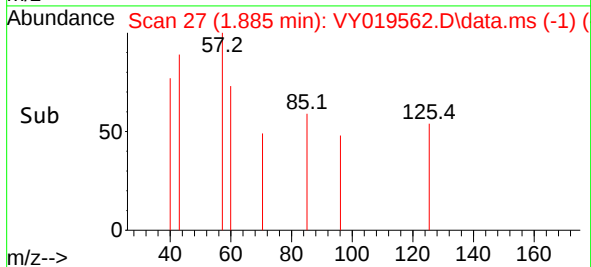
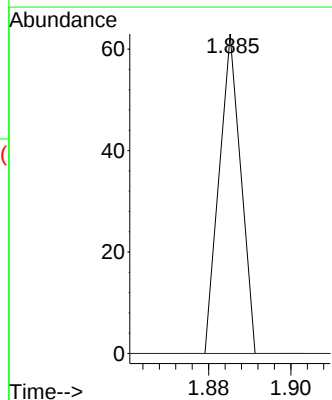
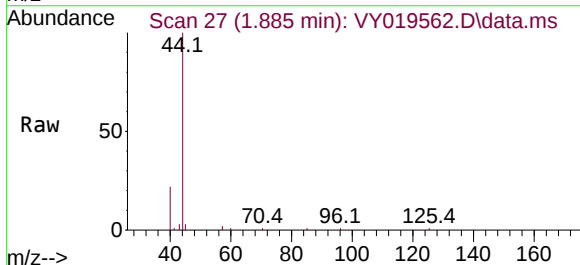
Instrument :  
MSVOA\_Y  
ClientSampleId :

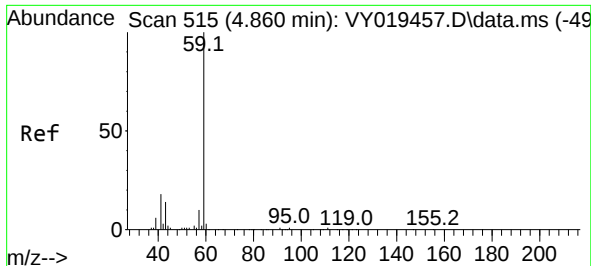
Tgt Ion:168 Resp: 101737  
Ion Ratio Lower Upper  
168 100  
99 59.2 39.1 58.7#



#2  
Dichlorodifluoromethane  
Concen: Below Cal  
RT: 1.885 min Scan# 27  
Delta R.T. 0.019 min  
Lab File: VY019562.D  
Acq: 16 Sep 2024 13:32

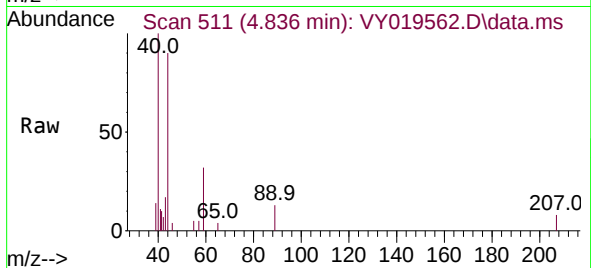
Tgt Ion: 85 Resp: 23  
Ion Ratio Lower Upper  
85 100  
87 0.0 16.0 48.0#



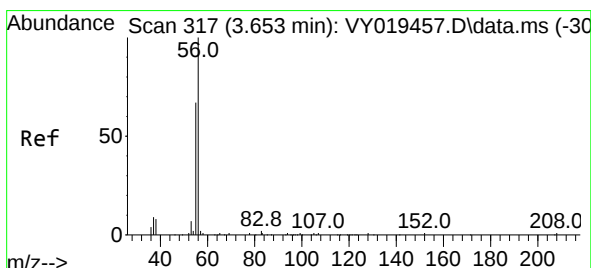
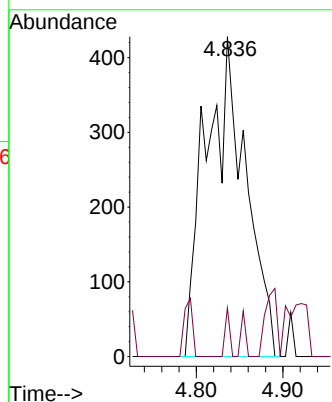
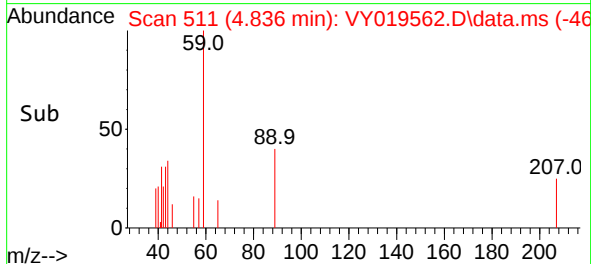


#11  
Tert butyl alcohol  
Concen: 17.981 ug/l  
RT: 4.836 min Scan# 511  
Delta R.T. -0.024 min  
Lab File: VY019562.D  
Acq: 16 Sep 2024 13:32

Instrument :  
MSVOA\_Y  
ClientSampleId :

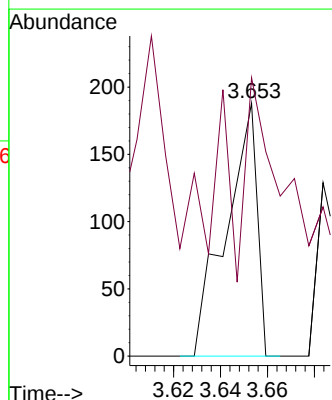
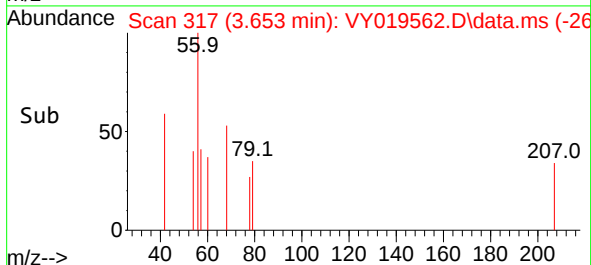
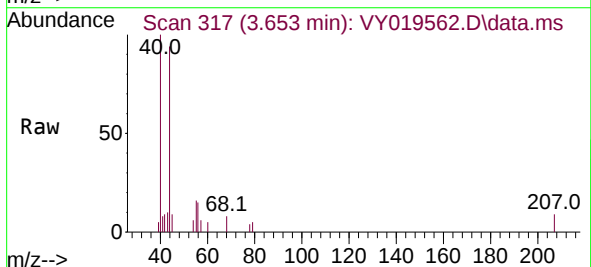


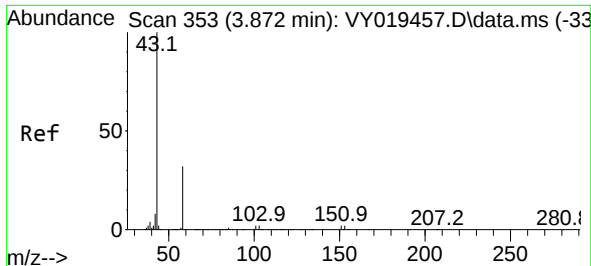
Tgt Ion: 59 Resp: 1368  
Ion Ratio Lower Upper  
59 100  
57 1.8 3.0 4.6#



#13  
Acrolein  
Concen: Below Cal  
RT: 3.653 min Scan# 317  
Delta R.T. 0.000 min  
Lab File: VY019562.D  
Acq: 16 Sep 2024 13:32

Tgt Ion: 56 Resp: 171  
Ion Ratio Lower Upper  
56 100  
55 188.3 55.7 83.5#

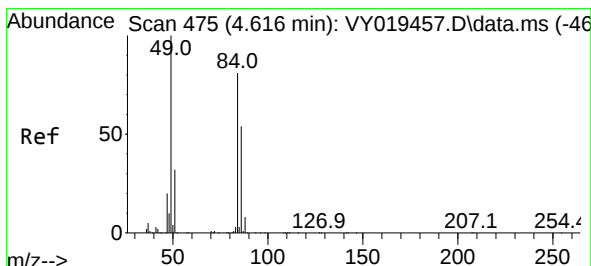
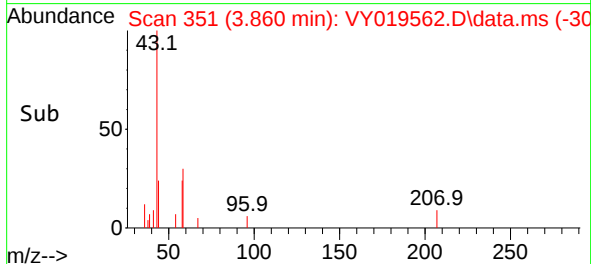
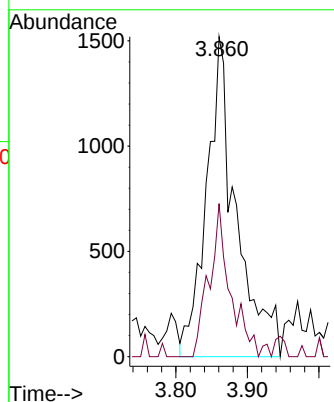
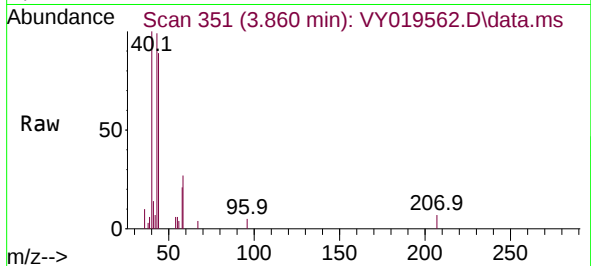




#16  
Acetone  
Concen: 19.422 ug/l  
RT: 3.860 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VY019562.D  
Acq: 16 Sep 2024 13:32

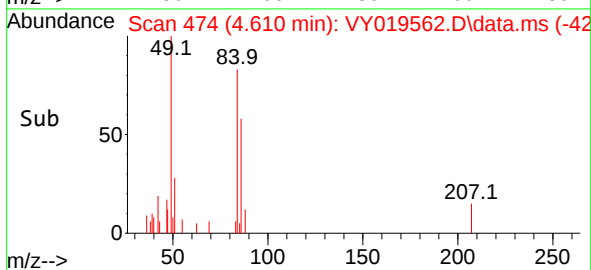
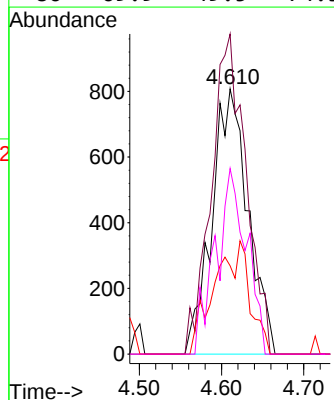
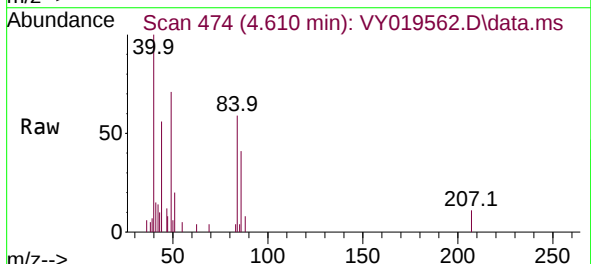
Instrument :  
MSVOA\_Y  
ClientSampleId :

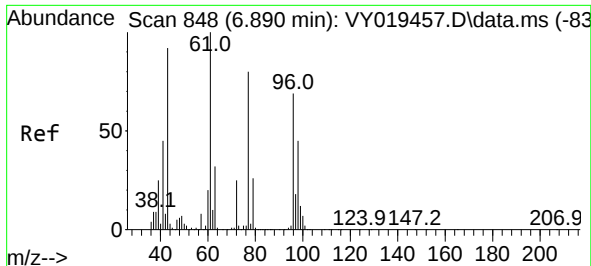
Tgt Ion: 43 Resp: 4359  
Ion Ratio Lower Upper  
43 100  
58 47.8 31.7 47.5#



#20  
Methylene Chloride  
Concen: 2.406 ug/l  
RT: 4.610 min Scan# 474  
Delta R.T. -0.006 min  
Lab File: VY019562.D  
Acq: 16 Sep 2024 13:32

Tgt Ion: 84 Resp: 2463  
Ion Ratio Lower Upper  
84 100  
49 120.7 84.4 126.6  
51 33.3 26.0 39.0  
86 69.9 49.5 74.3





#25

2-Butanone

Concen: 7.018 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.012 min

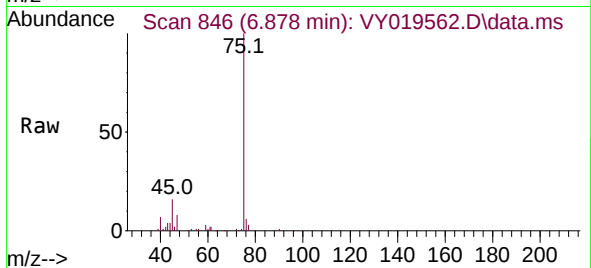
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Acq: 16 Sep 2024 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

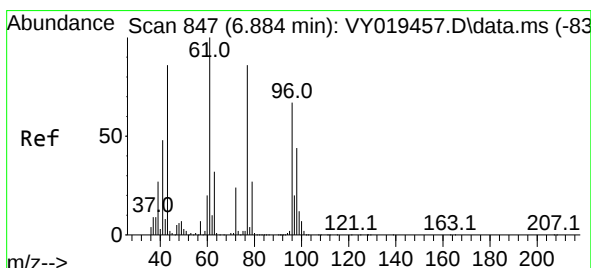
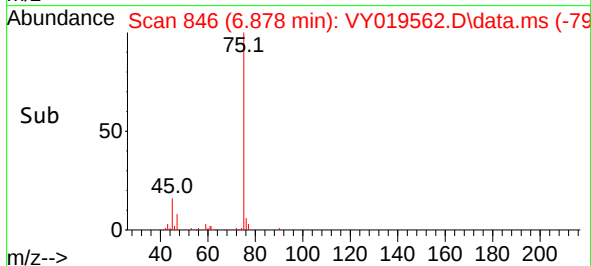
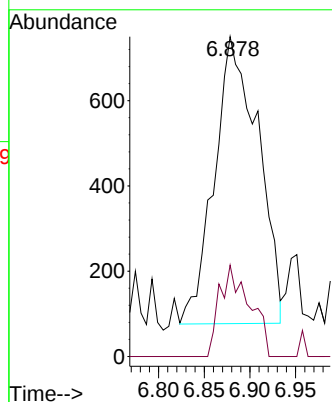


Tgt Ion: 43 Resp: 2240

Ion Ratio Lower Upper

43 100

72 31.8 27.3 40.9



#26

2,2-Dichloropropane

Concen: 1.371 ug/l

RT: 6.872 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY019562.D

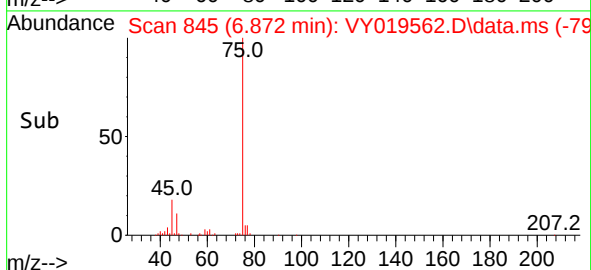
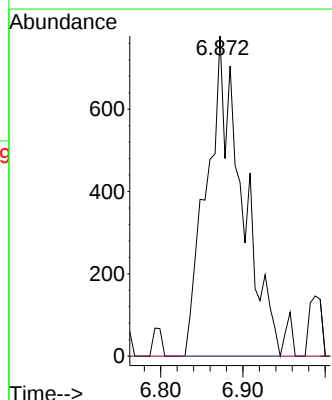
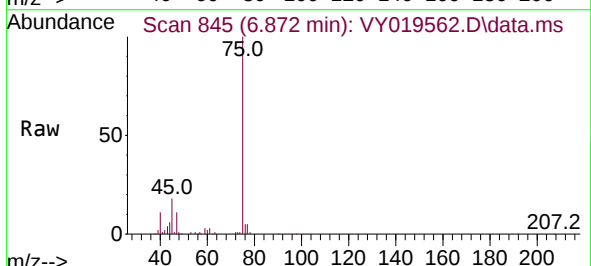
Acq: 16 Sep 2024 13:32

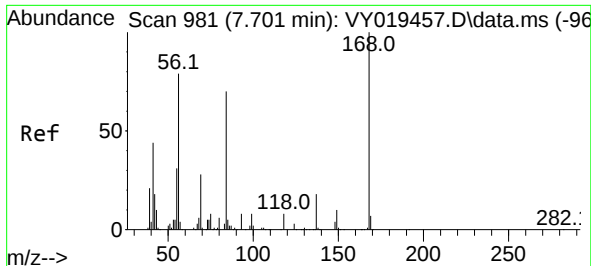
Tgt Ion: 77 Resp: 2307

Ion Ratio Lower Upper

77 100

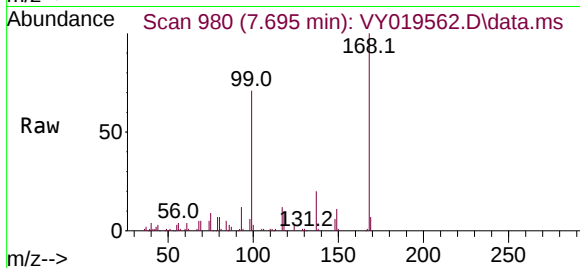
97 0.0 12.0 36.1#



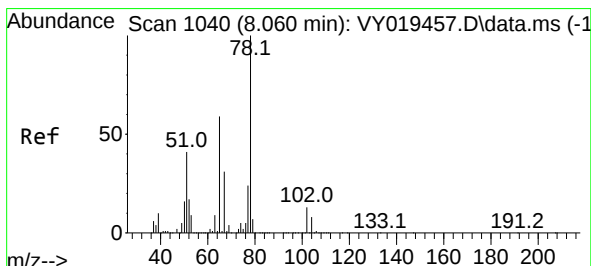
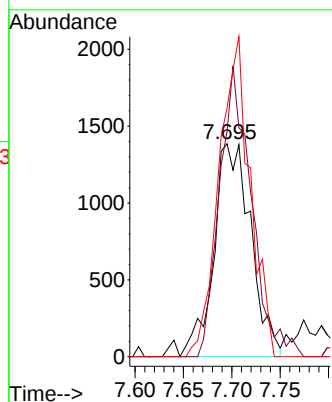
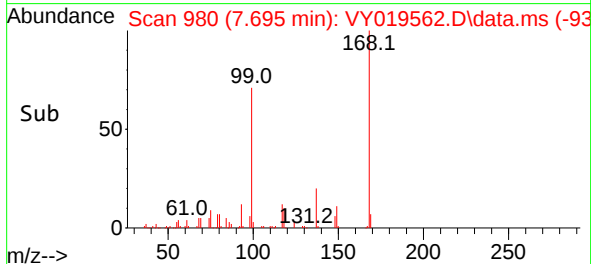


#31  
Cyclohexane  
Concen: 2.195 ug/l  
RT: 7.695 min Scan# 981  
Delta R.T. -0.006 min  
Lab File: VY019562.D  
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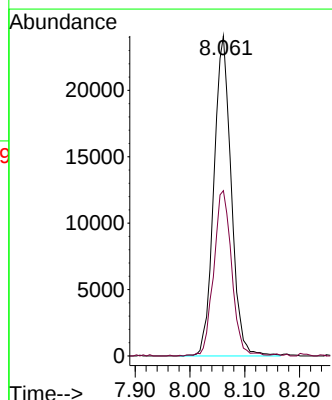
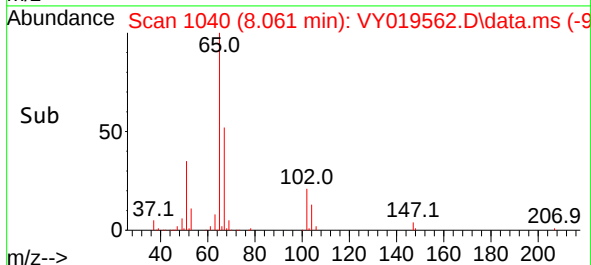
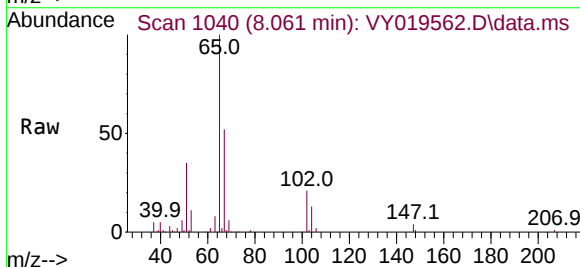


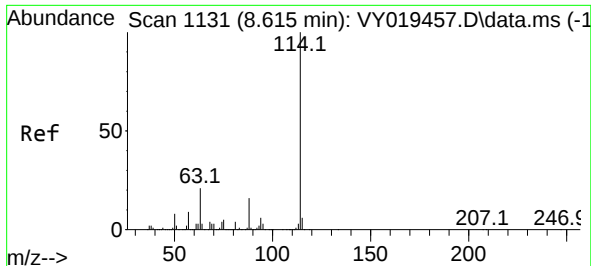
Tgt Ion: 56 Resp: 3701  
Ion Ratio Lower Upper  
56 100  
69 105.7 28.7 43.1#  
84 116.7 77.7 116.5#



#33  
1,2-Dichloroethane-d4  
Concen: 56.156 ug/l  
RT: 8.061 min Scan# 1040  
Delta R.T. 0.000 min  
Lab File: VY019562.D  
Acq: 16 Sep 2024 13:32

Tgt Ion: 65 Resp: 52902  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 109.6

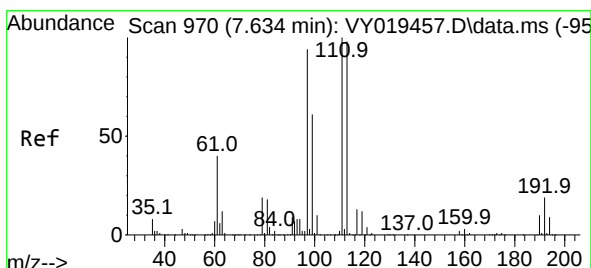
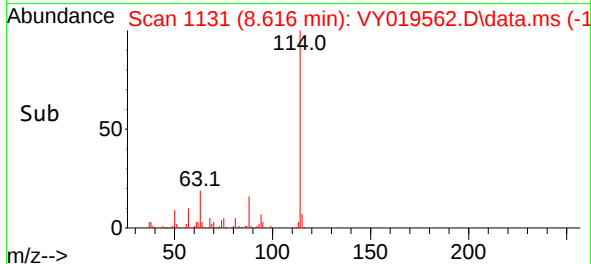
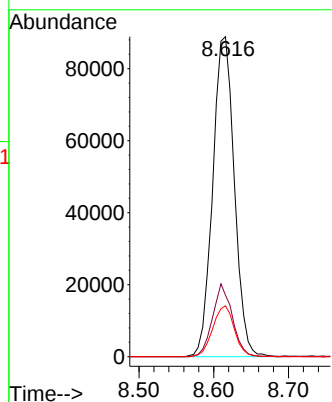
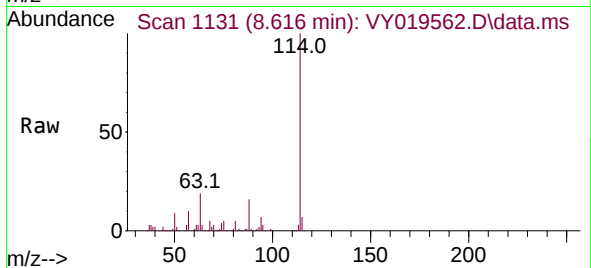




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.616 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: VY019562.D  
Acq: 16 Sep 2024 13:32

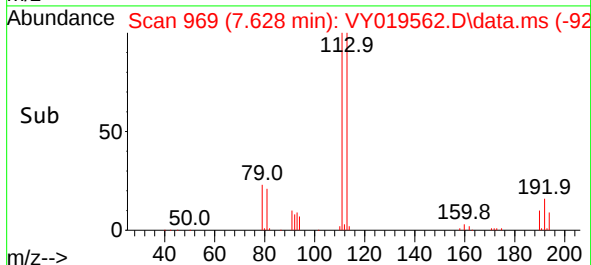
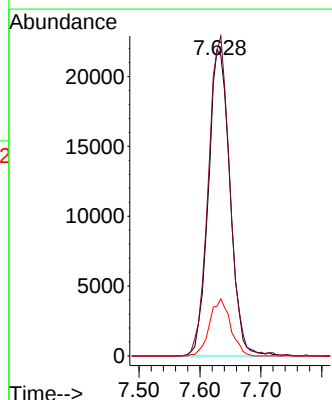
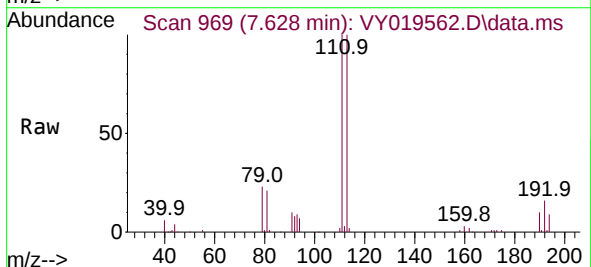
Instrument :  
MSVOA\_Y  
ClientSampleId :

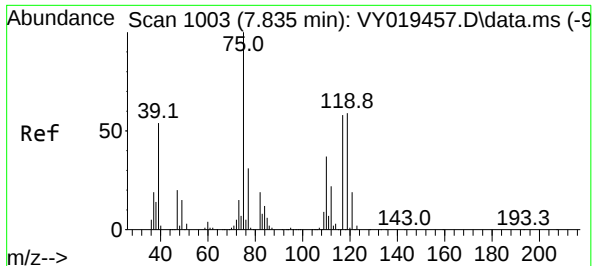
Tgt Ion:114 Resp: 179118  
Ion Ratio Lower Upper  
114 100  
63 19.2 0.0 35.0  
88 15.9 0.0 27.2



#35  
Dibromofluoromethane  
Concen: 53.306 ug/l  
RT: 7.628 min Scan# 969  
Delta R.T. -0.006 min  
Lab File: VY019562.D  
Acq: 16 Sep 2024 13:32

Tgt Ion:113 Resp: 54136  
Ion Ratio Lower Upper  
113 100  
111 103.6 82.2 123.4  
192 18.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.558 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY019562.D

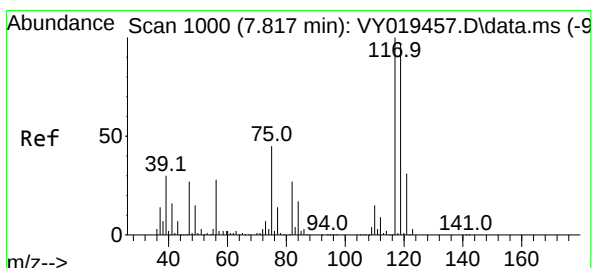
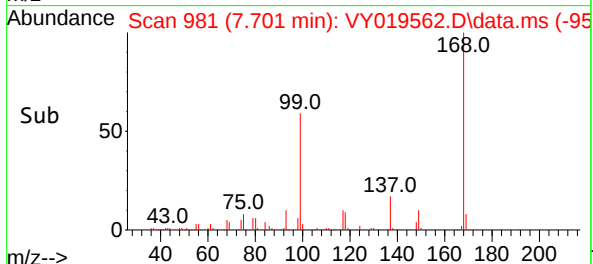
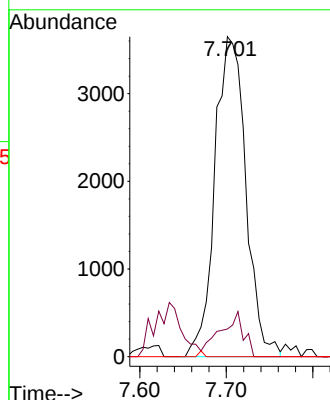
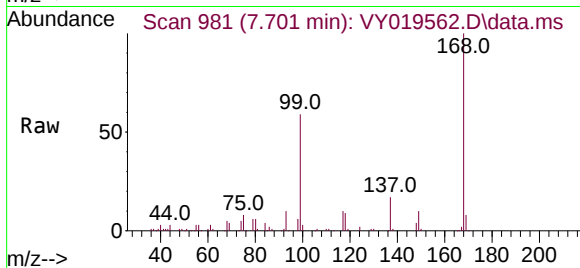
Acq: 16 Sep 2024 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 9062  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 10.5  | 19.0  | 57.0# |
| 77       | 0.0   | 25.3  | 37.9# |



#38

Carbon Tetrachloride

Concen: 7.140 ug/l

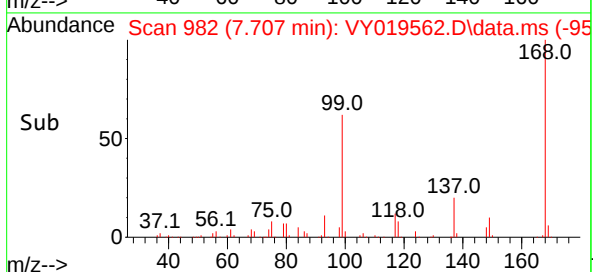
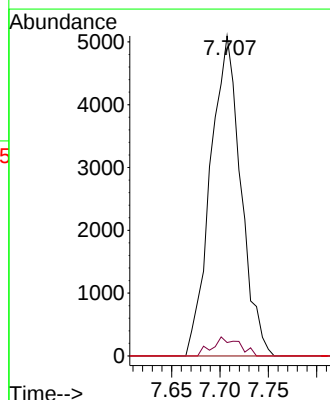
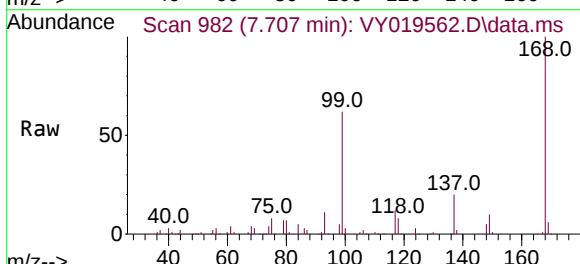
RT: 7.707 min Scan# 982

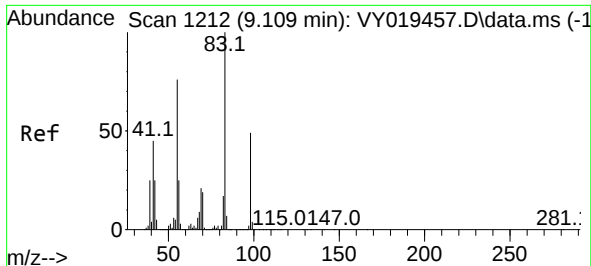
Delta R.T. -0.109 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 11126  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 4.2   | 75.8  | 113.6# |
| 121      | 0.0   | 24.0  | 36.0#  |





#39

Methylcyclohexane

Concen: 7.004 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

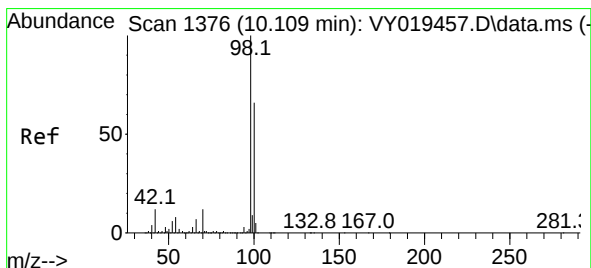
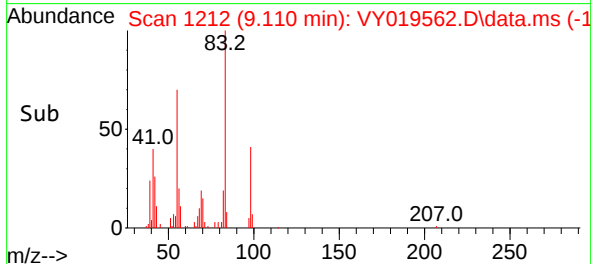
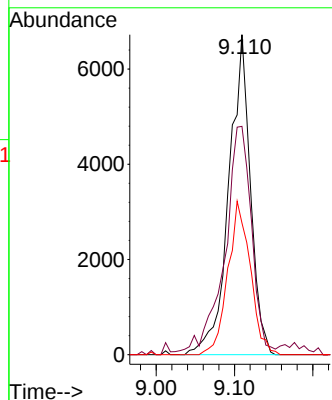
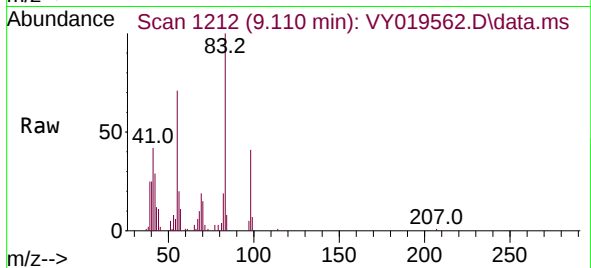
Tgt Ion: 83 Resp: 12881

Ion Ratio Lower Upper

83 100

55 70.1 51.5 77.3

98 41.2 40.5 60.7



#50

Toluene-d8

Concen: 53.272 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019562.D

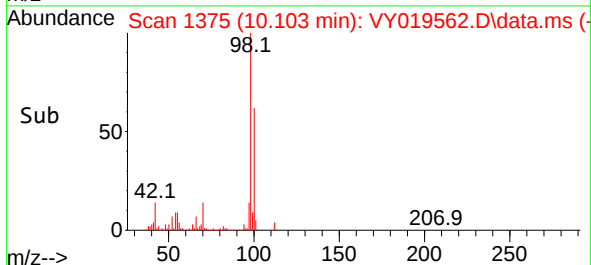
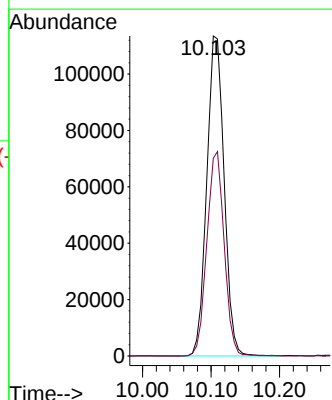
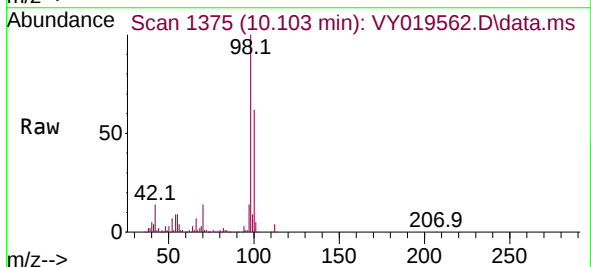
Acq: 16 Sep 2024 13:32

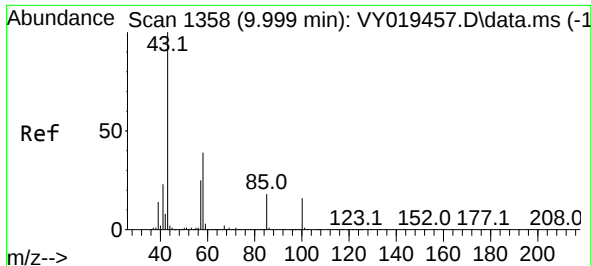
Tgt Ion: 98 Resp: 200106

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.676 ug/l

RT: 10.000 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA\_Y

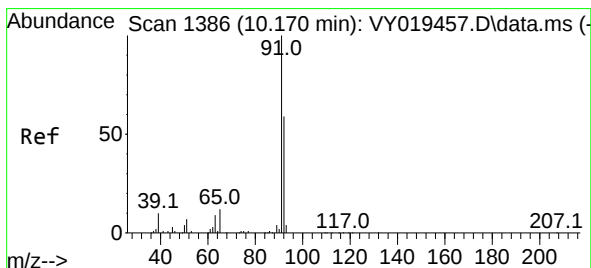
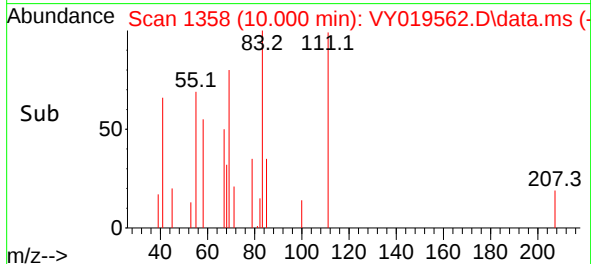
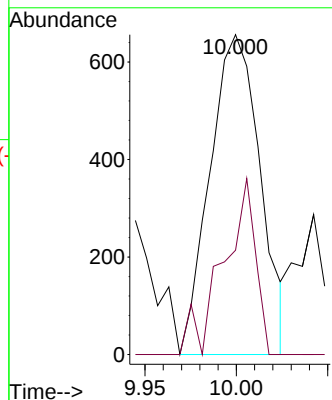
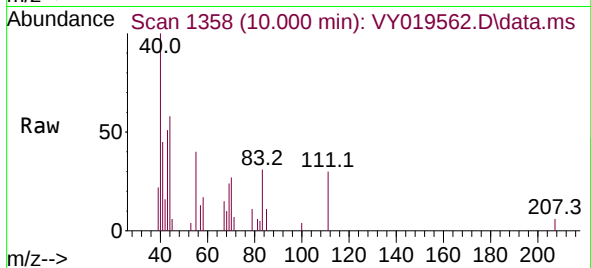
ClientSampleId :

Tgt Ion: 43 Resp: 1254

Ion Ratio Lower Upper

43 100

58 35.5 35.7 53.5#



#52

Toluene

Concen: 5.919 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019562.D

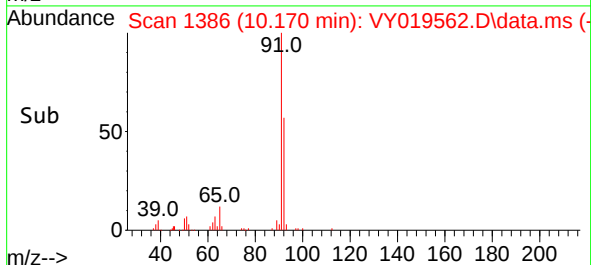
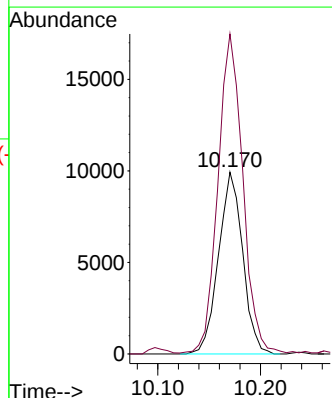
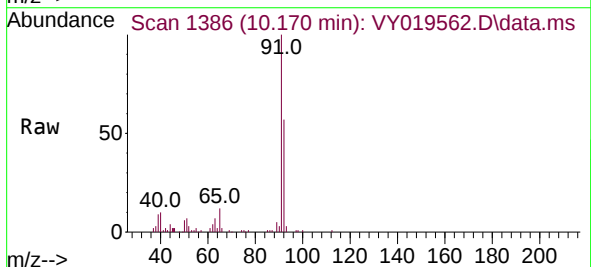
Acq: 16 Sep 2024 13:32

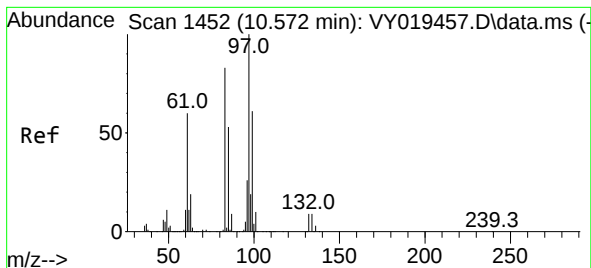
Tgt Ion: 92 Resp: 16204

Ion Ratio Lower Upper

92 100

91 179.5 139.0 208.6





#55

1,1,2-Trichloroethane

Concen: 25.815 ug/l

RT: 10.548 min Scan# 1448

Delta R.T. -0.024 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion: 97 Resp: 20286

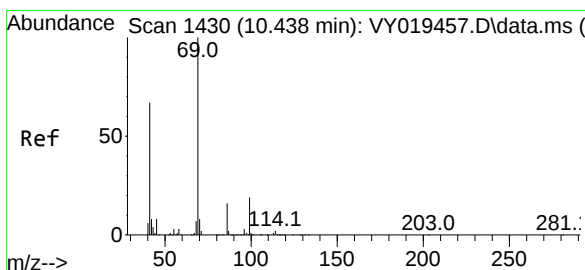
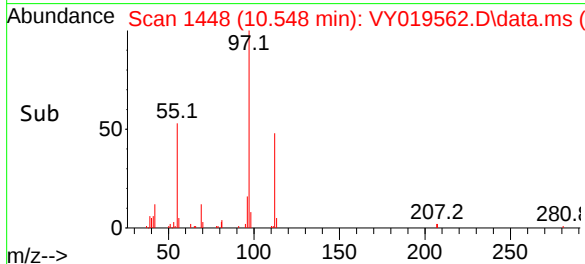
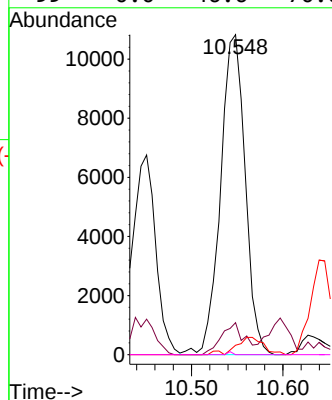
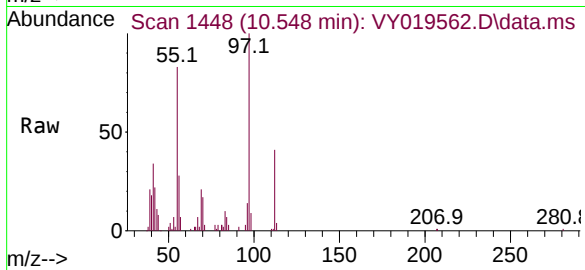
Ion Ratio Lower Upper

97 100

83 10.0 67.5 101.3#

85 3.0 42.9 64.3#

99 0.0 46.6 70.0#



#56

Ethyl methacrylate

Concen: 3.227 ug/l

RT: 10.451 min Scan# 1432

Delta R.T. 0.013 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

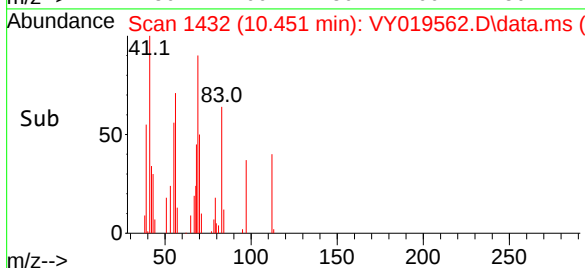
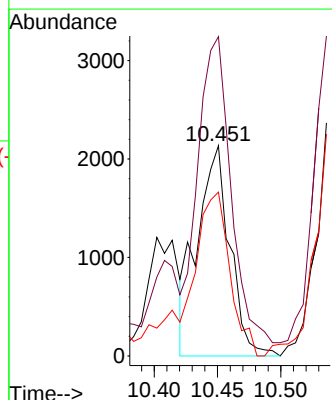
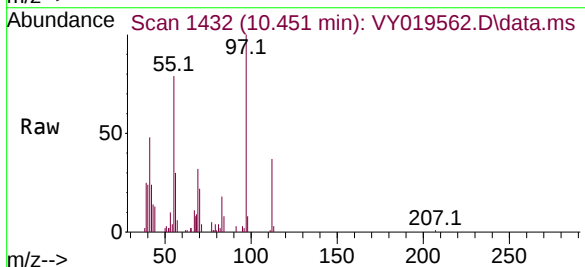
Tgt Ion: 69 Resp: 3852

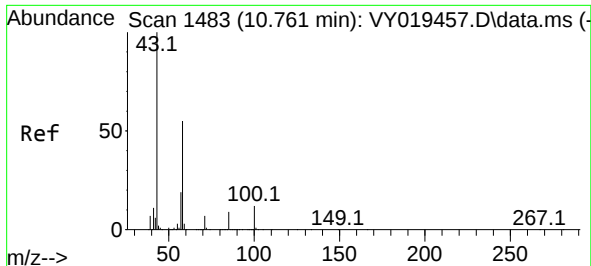
Ion Ratio Lower Upper

69 100

41 145.0 42.3 63.5#

39 98.0 22.9 34.3#

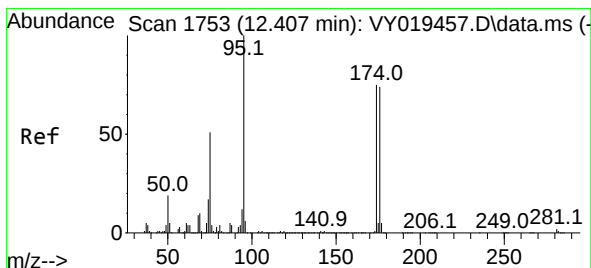
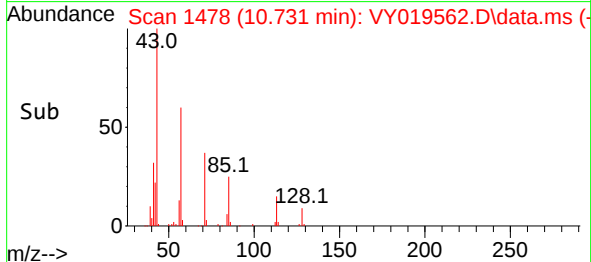
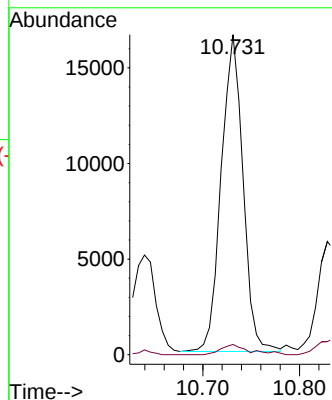
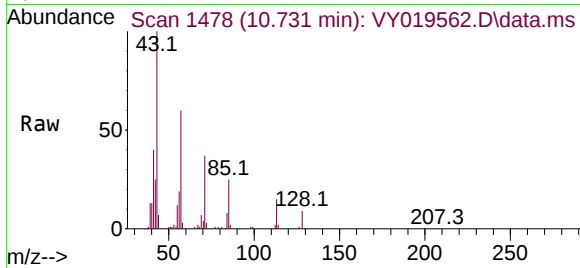




#59  
2-Hexanone  
Concen: 47.150 ug/l  
RT: 10.731 min Scan# 1483  
Delta R.T. -0.030 min  
Lab File: VY019562.D  
Acq: 16 Sep 2024 13:32

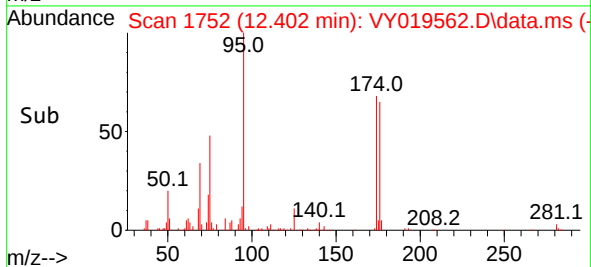
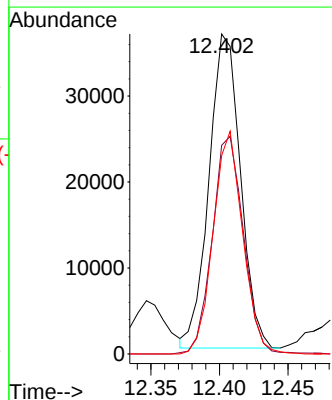
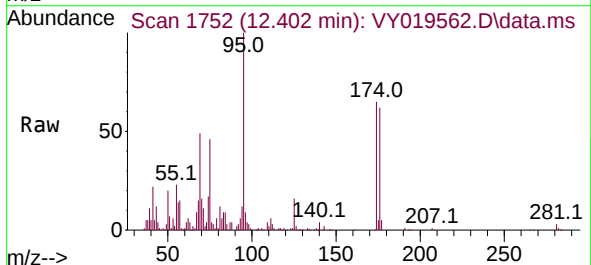
Instrument :  
MSVOA\_Y  
ClientSampleId :

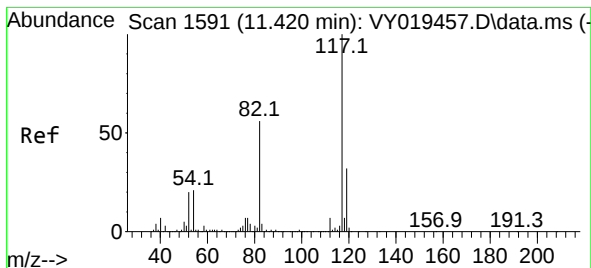
Tgt Ion: 43 Resp: 25869  
Ion Ratio Lower Upper  
43 100  
58 4.2 31.4 94.0#



#62  
4-Bromofluorobenzene  
Concen: 40.396 ug/l  
RT: 12.402 min Scan# 1752  
Delta R.T. -0.006 min  
Lab File: VY019562.D  
Acq: 16 Sep 2024 13:32

Tgt Ion: 95 Resp: 58345  
Ion Ratio Lower Upper  
95 100  
174 68.7 0.0 175.6  
176 66.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

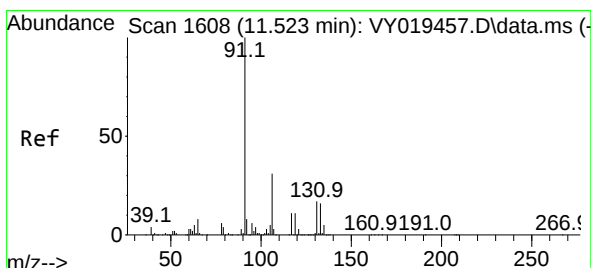
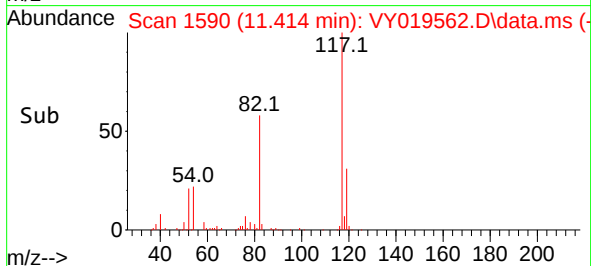
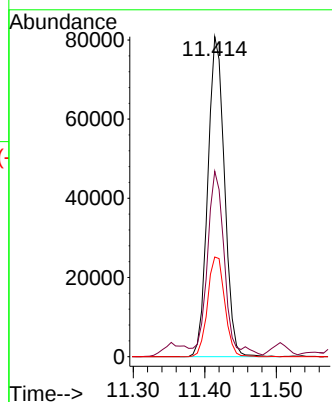
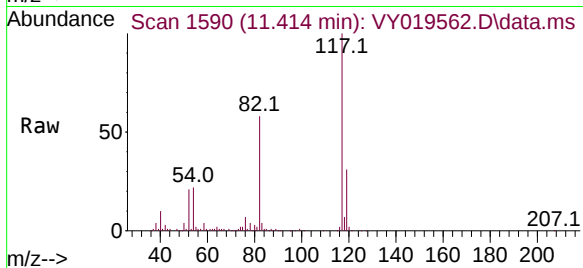
Tgt Ion:117 Resp: 131068

Ion Ratio Lower Upper

117 100

82 54.7 42.4 63.6

119 31.2 25.9 38.9



#67

Ethyl Benzene

Concen: 9.691 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019562.D

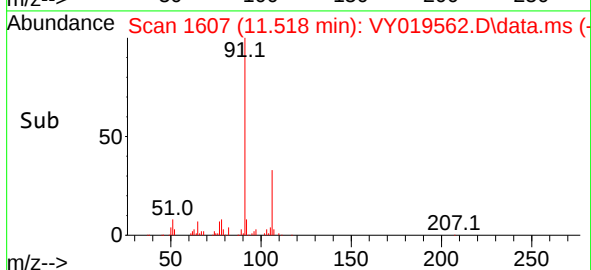
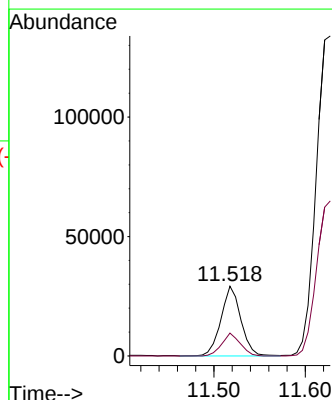
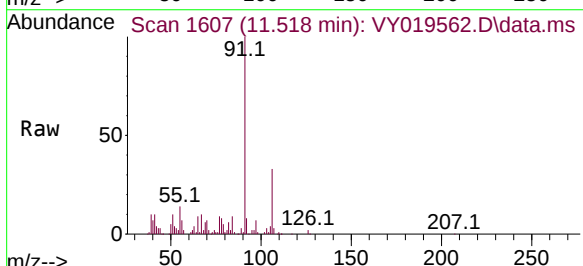
Acq: 16 Sep 2024 13:32

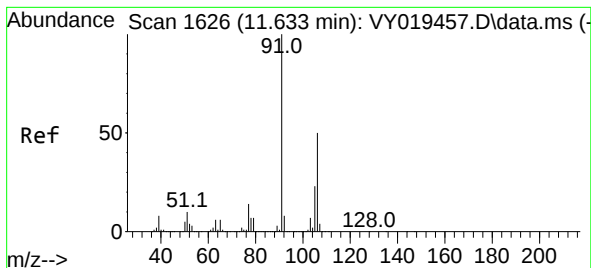
Tgt Ion: 91 Resp: 44394

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7





#68

m/p-Xylenes

Concen: 68.155 ug/l

RT: 11.627 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA\_Y

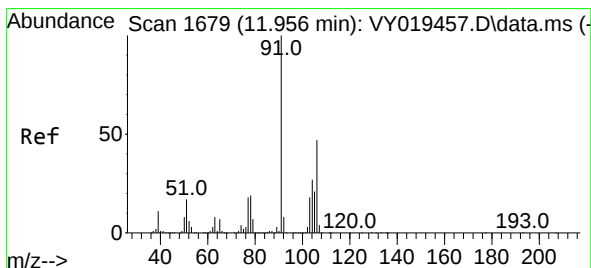
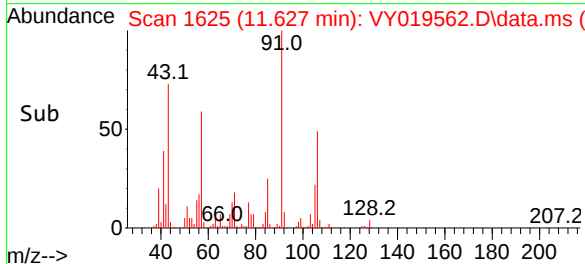
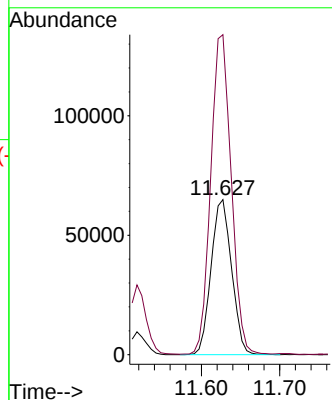
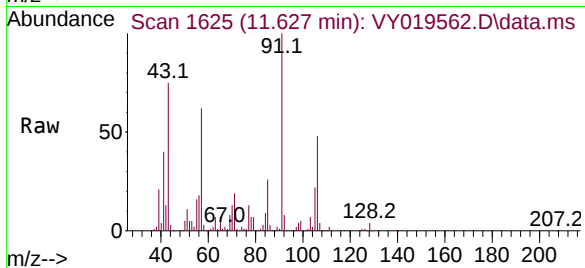
ClientSampleId :

Tgt Ion:106 Resp: 118057

Ion Ratio Lower Upper

106 100

91 205.7 156.0 234.0



#69

o-Xylene

Concen: 66.929 ug/l

RT: 11.957 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY019562.D

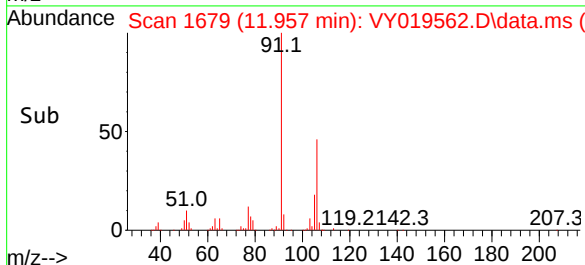
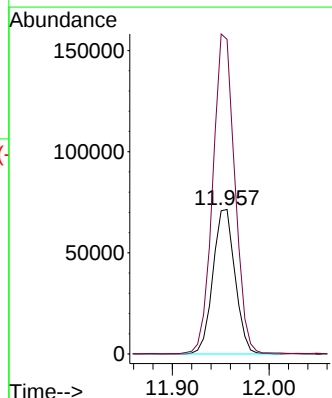
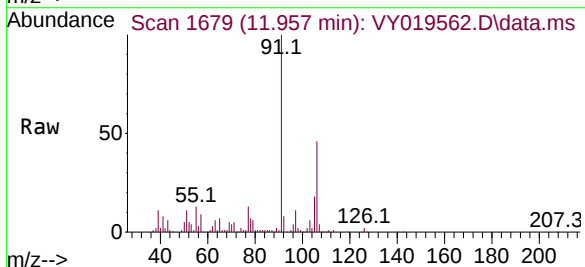
Acq: 16 Sep 2024 13:32

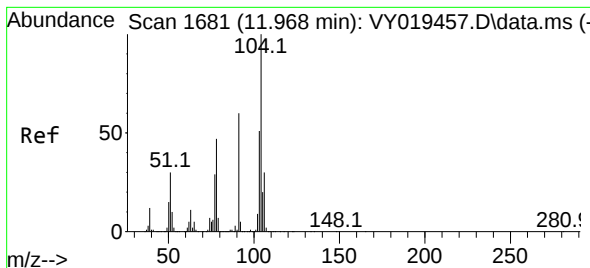
Tgt Ion:106 Resp: 113380

Ion Ratio Lower Upper

106 100

91 220.5 103.6 310.8





#70

Styrene

Concen: 2.039 ug/l

RT: 11.957 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

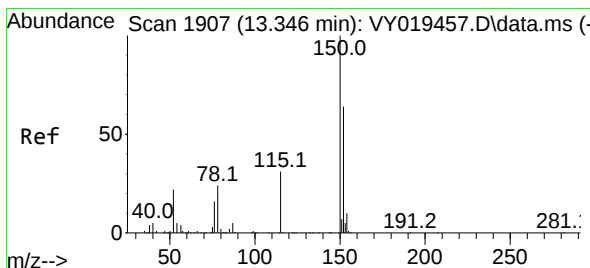
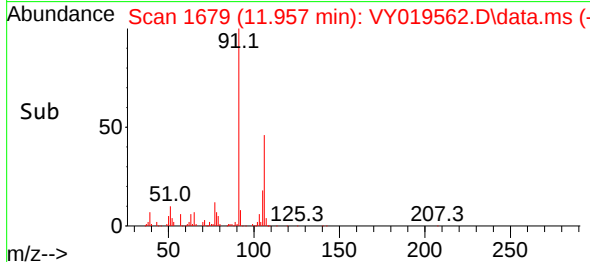
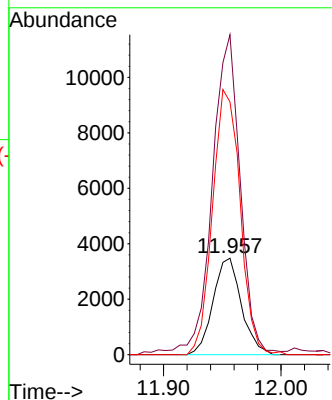
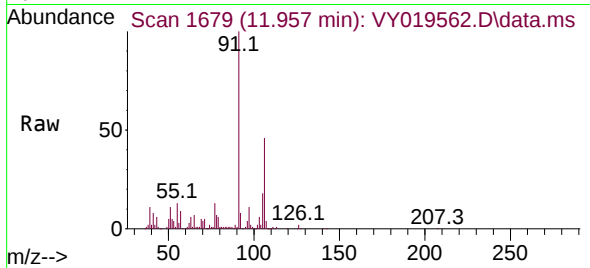
Tgt Ion:104 Resp: 5832

Ion Ratio Lower Upper

104 100

78 329.9 37.0 55.4#

103 268.4 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

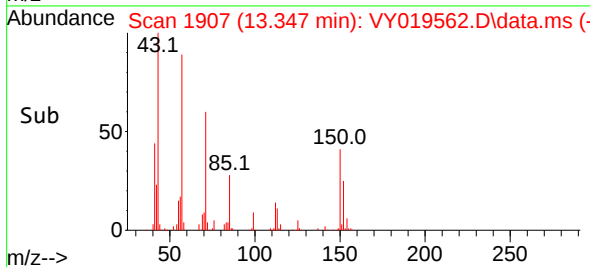
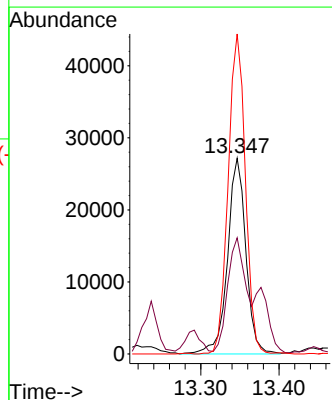
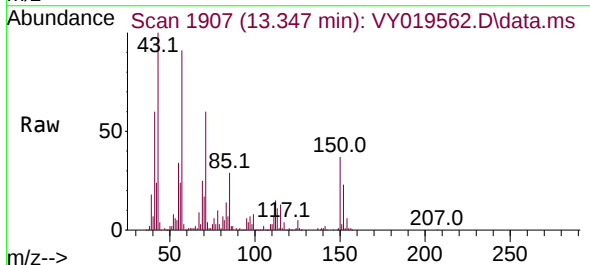
Tgt Ion:152 Resp: 44373

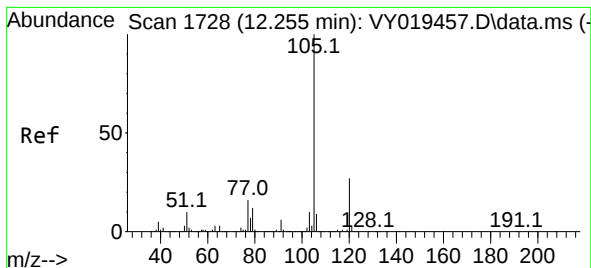
Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 152.6 0.0 345.6





#73

Isopropylbenzene

Concen: 6.056 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA\_Y

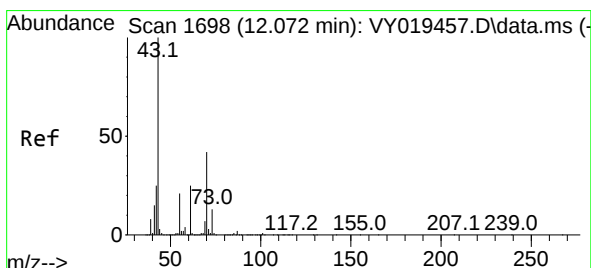
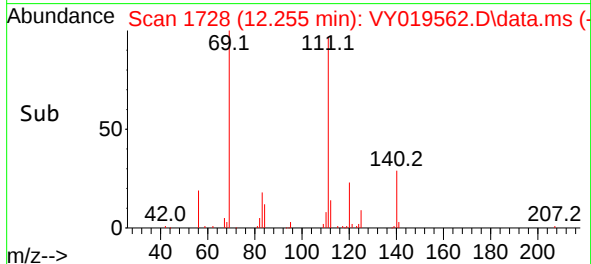
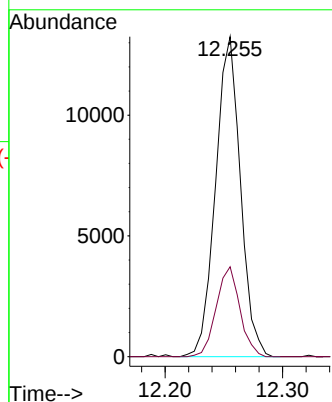
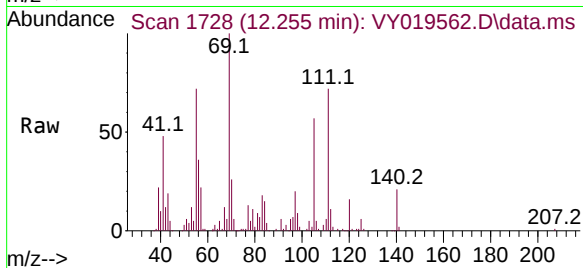
ClientSampleId :

Tgt Ion:105 Resp: 19495

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 95.975 ug/l

RT: 12.048 min Scan# 1694

Delta R.T. -0.024 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Tgt Ion: 43 Resp: 84025

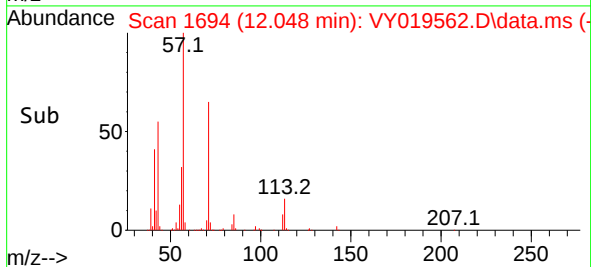
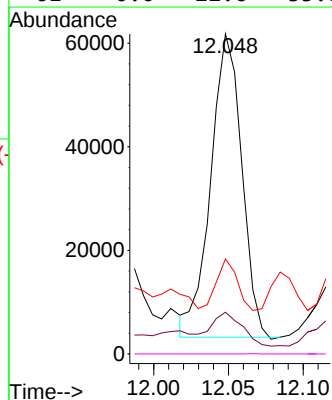
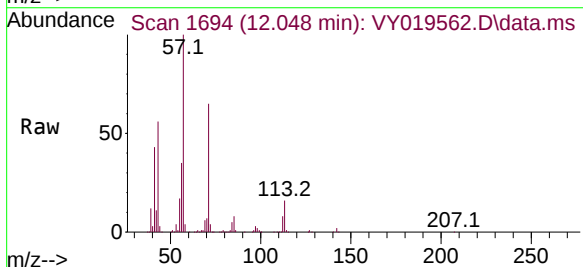
Ion Ratio Lower Upper

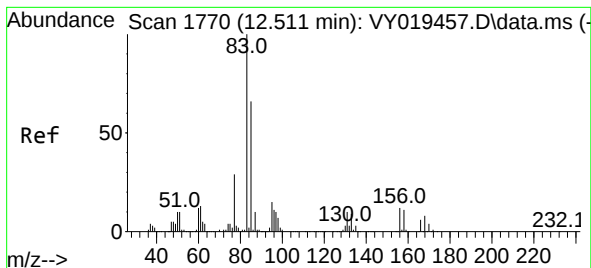
43 100

70 11.0 41.4 62.2#

55 11.3 23.3 34.9#

61 0.0 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 34.488 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.055 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

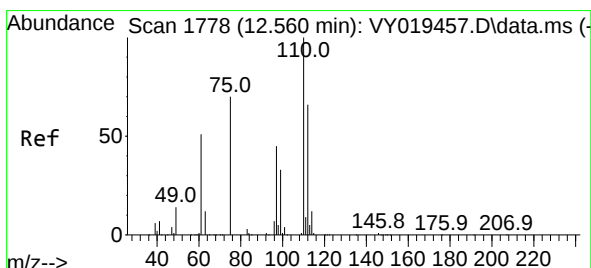
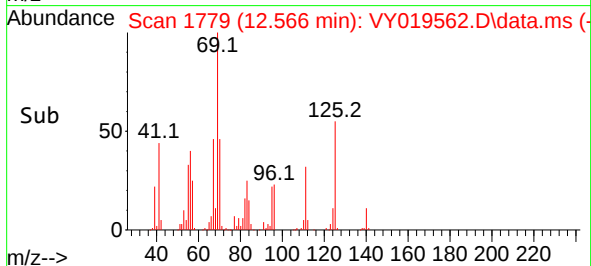
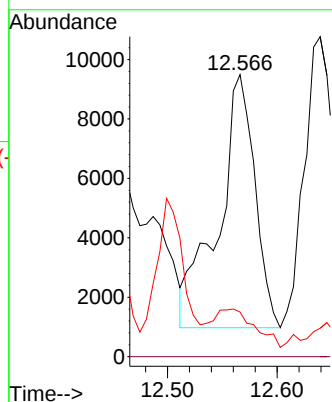
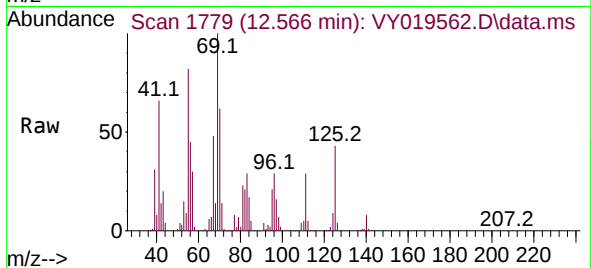
Tgt Ion: 83 Resp: 19706

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 9.305 ug/l

RT: 12.658 min Scan# 1794

Delta R.T. 0.098 min

Lab File: VY019562.D

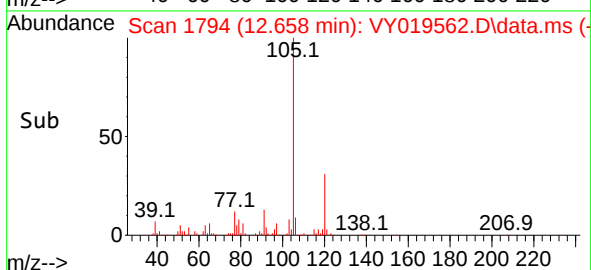
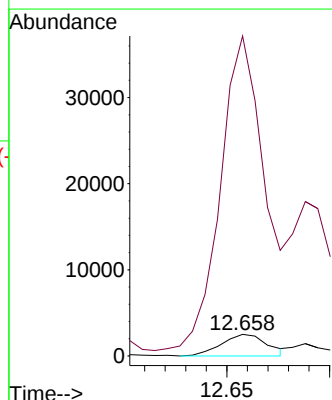
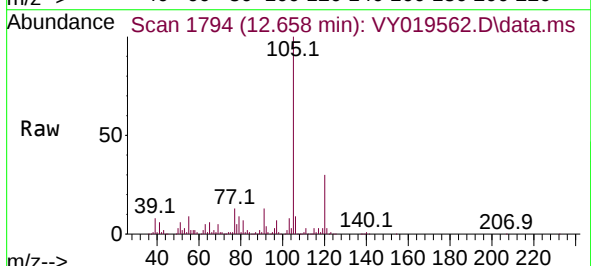
Acq: 16 Sep 2024 13:32

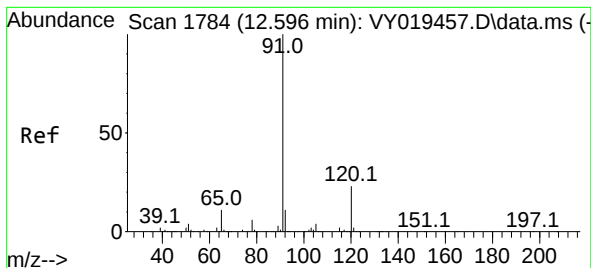
Tgt Ion: 75 Resp: 3870

Ion Ratio Lower Upper

75 100

77 1411.0 0.0 0.0#





#78

n-propylbenzene

Concen: 12.922 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA\_Y

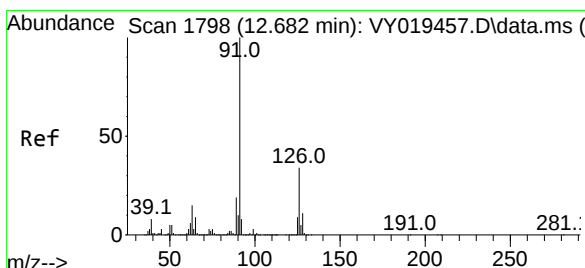
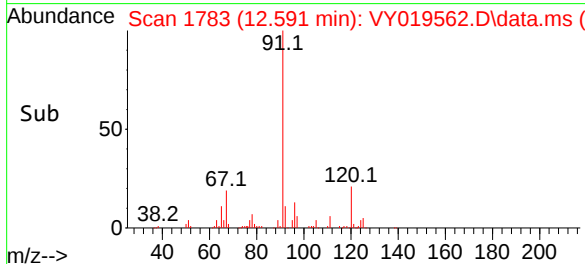
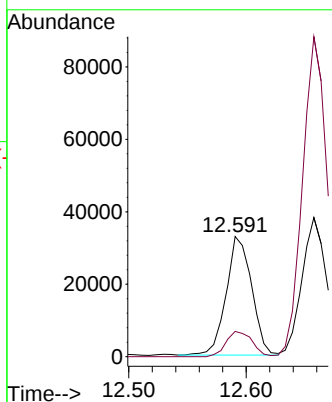
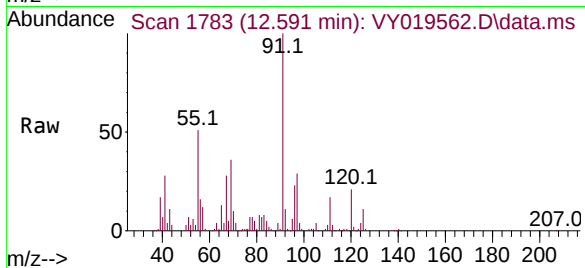
ClientSampleId :

Tgt Ion: 91 Resp: 49304

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.4



#79

2-Chlorotoluene

Concen: 24.458 ug/l

RT: 12.658 min Scan# 1794

Delta R.T. -0.024 min

Lab File: VY019562.D

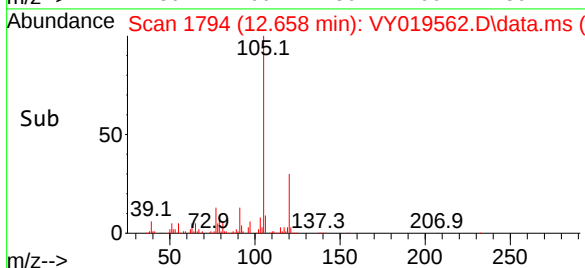
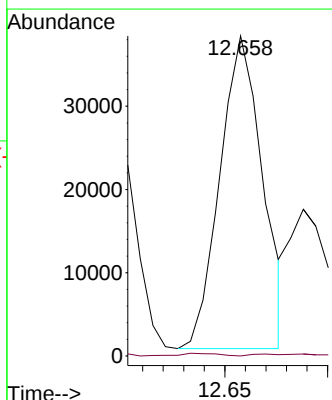
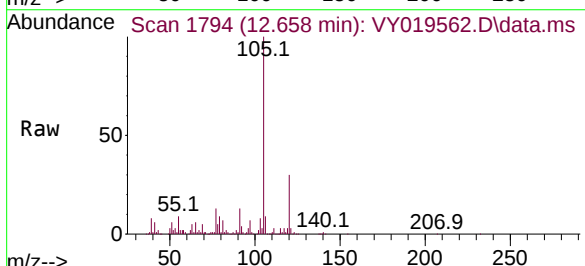
Acq: 16 Sep 2024 13:32

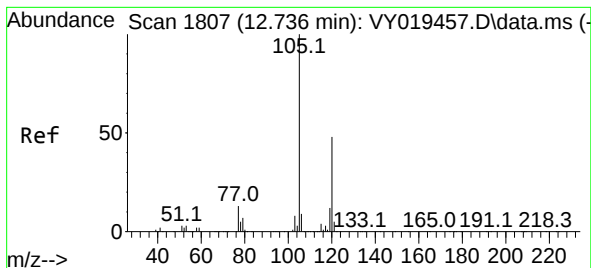
Tgt Ion: 91 Resp: 54384

Ion Ratio Lower Upper

91 100

126 0.4 17.8 53.5#





#80

1,3,5-Trimethylbenzene

Concen: 89.029 ug/l

RT: 12.737 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA\_Y

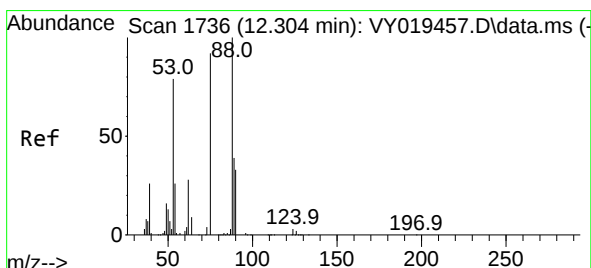
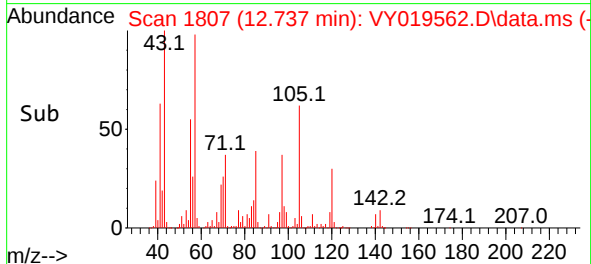
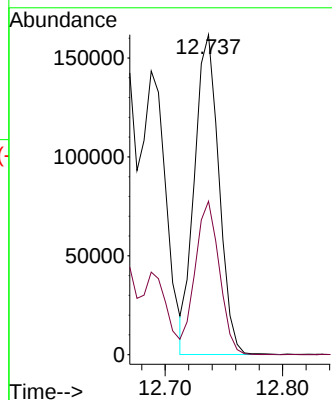
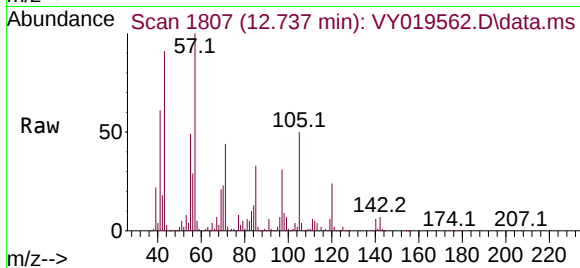
ClientSampleId :

Tgt Ion:105 Resp: 232991

Ion Ratio Lower Upper

105 100

120 47.8 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 129.707 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

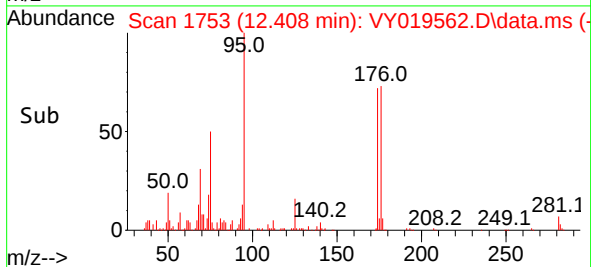
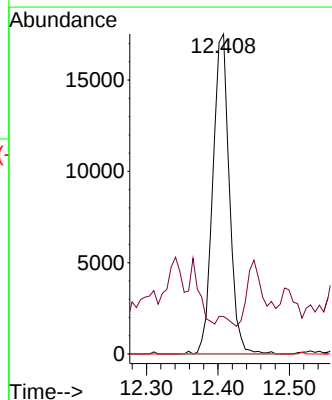
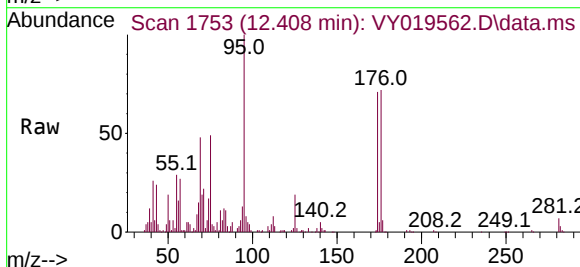
Tgt Ion: 75 Resp: 28101

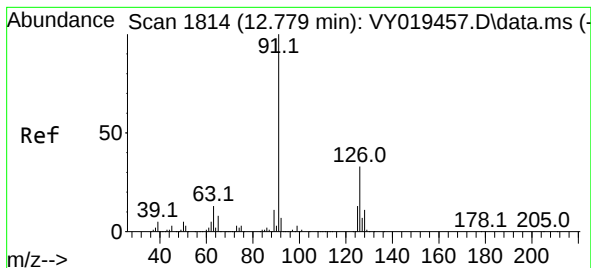
Ion Ratio Lower Upper

75 100

53 2.1 66.8 100.2#

89 0.0 35.8 53.6#





#82

4-Chlorotoluene

Concen: 11.687 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.042 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA\_Y

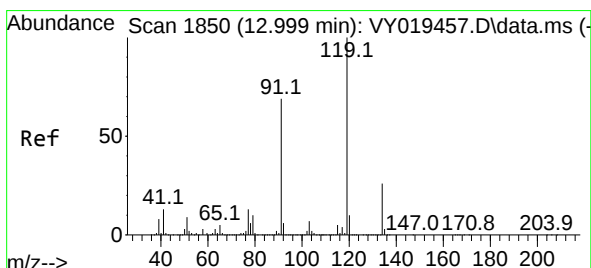
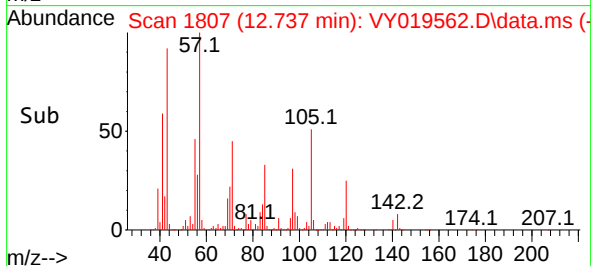
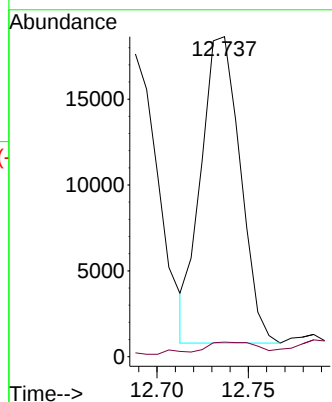
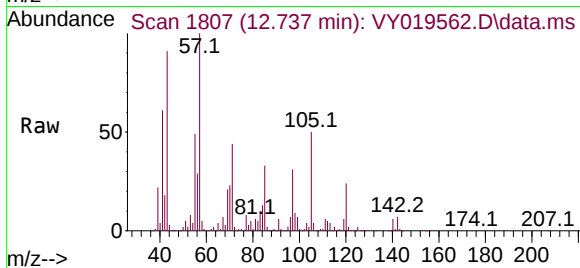
ClientSampleId :

Tgt Ion: 91 Resp: 26717

Ion Ratio Lower Upper

91 100

126 6.3 17.6 52.9#



#83

tert-Butylbenzene

Concen: 28.495 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.043 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

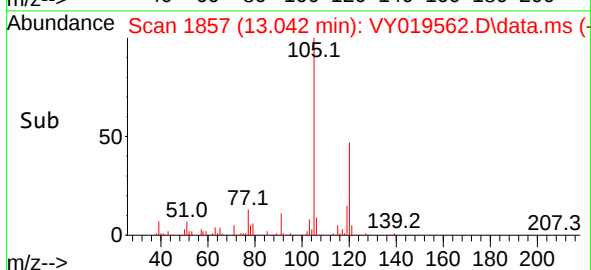
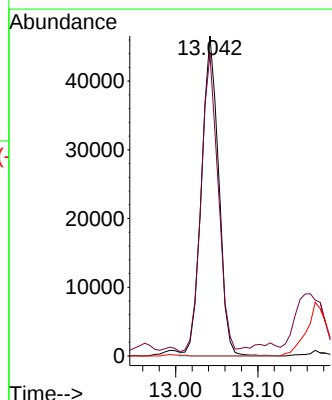
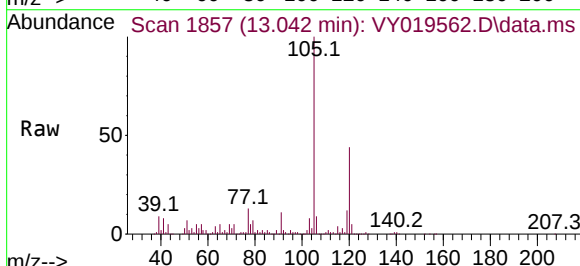
Tgt Ion: 119 Resp: 67509

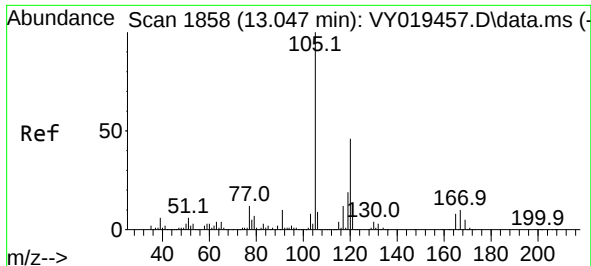
Ion Ratio Lower Upper

119 100

91 92.4 31.3 93.8

134 0.0 13.4 40.1#

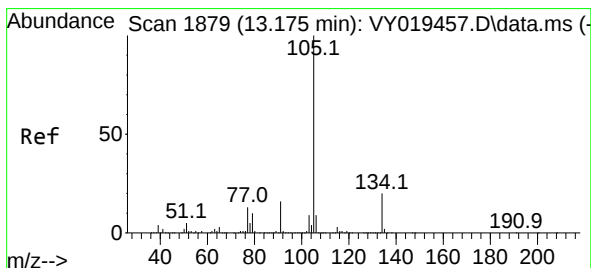
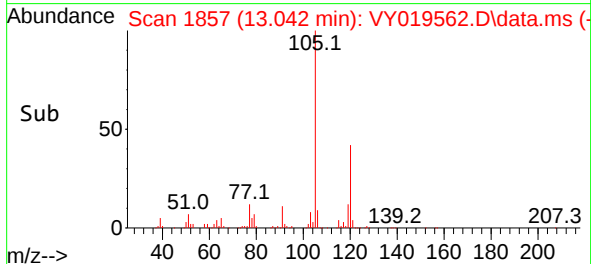
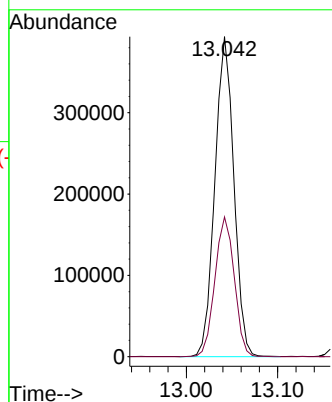
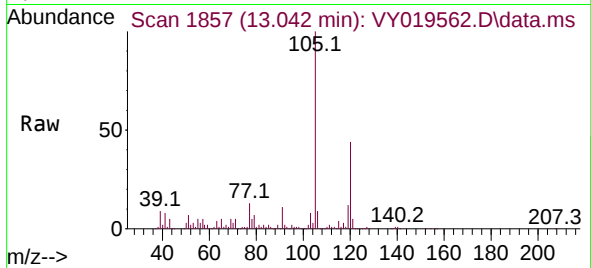




#84  
1,2,4-Trimethylbenzene  
Concen: 218.993 ug/l  
RT: 13.042 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY019562.D  
Acq: 16 Sep 2024 13:32

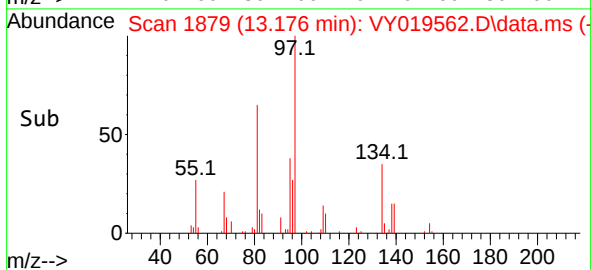
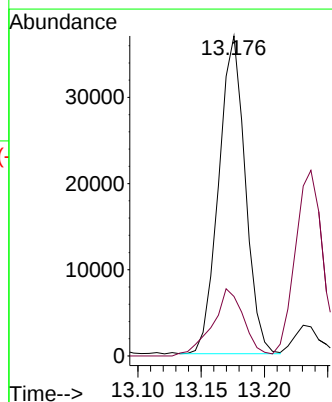
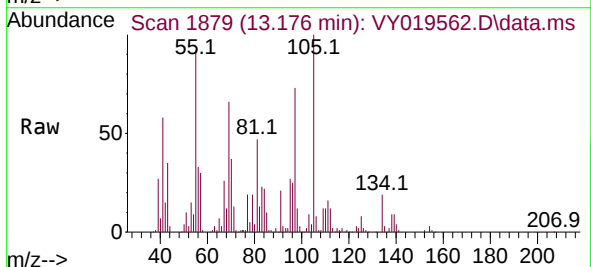
Instrument :  
MSVOA\_Y  
ClientSampleId :

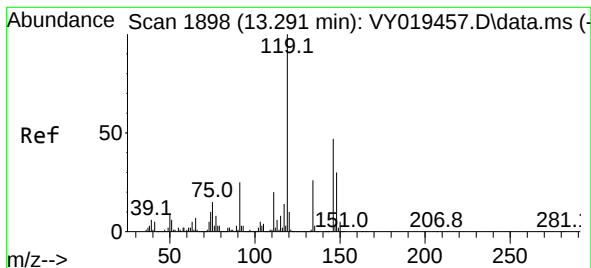
Tgt Ion:105 Resp: 567299  
Ion Ratio Lower Upper  
105 100  
120 44.6 23.2 69.6



#85  
sec-Butylbenzene  
Concen: 15.626 ug/l  
RT: 13.176 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VY019562.D  
Acq: 16 Sep 2024 13:32

Tgt Ion:105 Resp: 53782  
Ion Ratio Lower Upper  
105 100  
134 24.8 10.1 30.1





#86

p-Isopropyltoluene

Concen: 20.529 ug/l

RT: 13.292 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

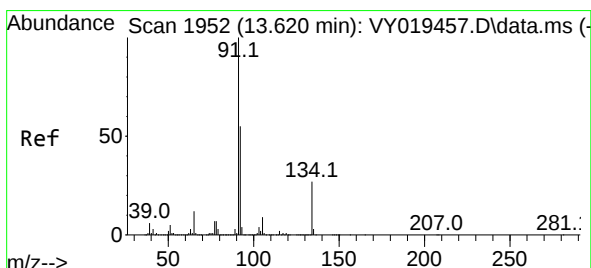
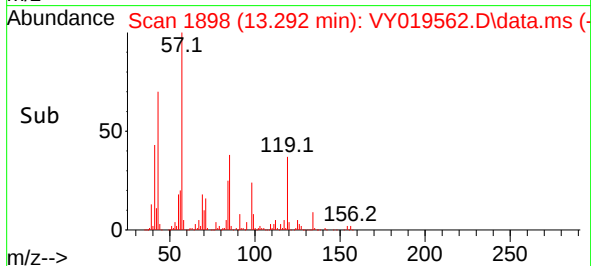
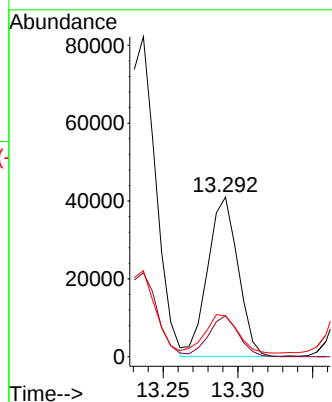
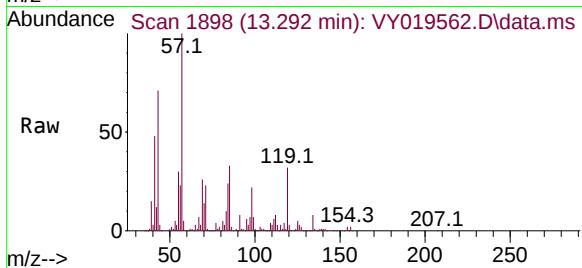
Tgt Ion:119 Resp: 57807

Ion Ratio Lower Upper

119 100

134 25.1 13.1 39.3

91 25.4 10.7 32.1



#89

n-Butylbenzene

Concen: 18.692 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

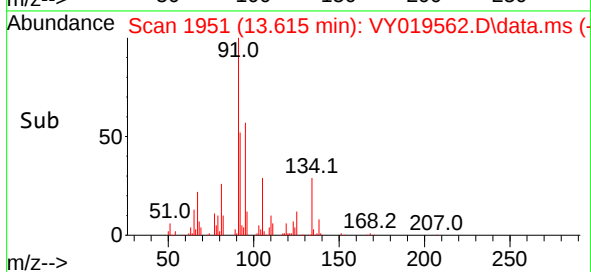
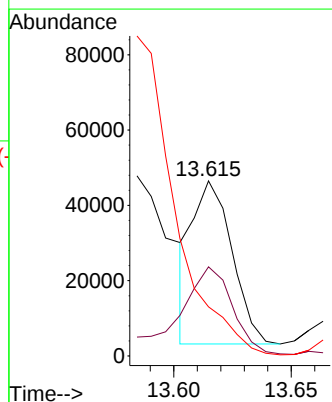
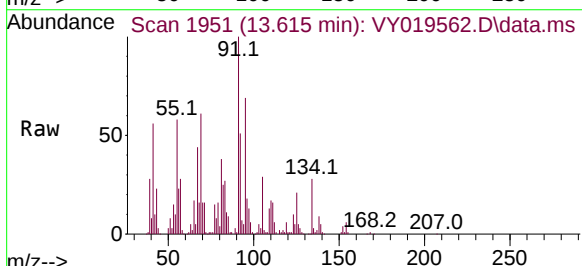
Tgt Ion: 91 Resp: 50319

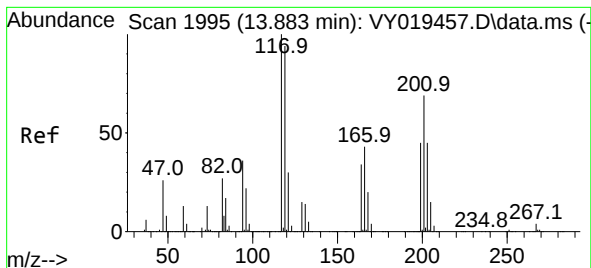
Ion Ratio Lower Upper

91 100

92 77.6 26.6 79.7

134 0.0 12.9 38.7#





#90

Hexachloroethane

Concen: 51.204 ug/l

RT: 13.889 min Scan# 1995

Delta R.T. 0.007 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA\_Y

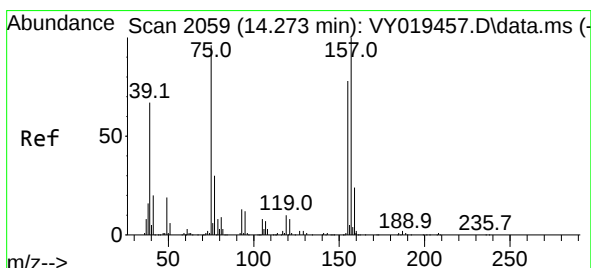
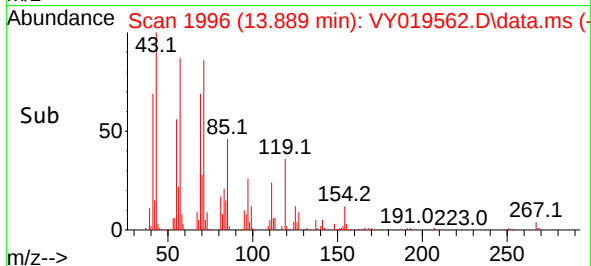
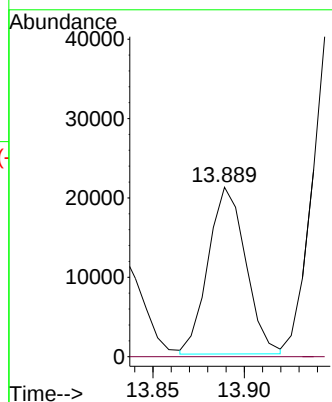
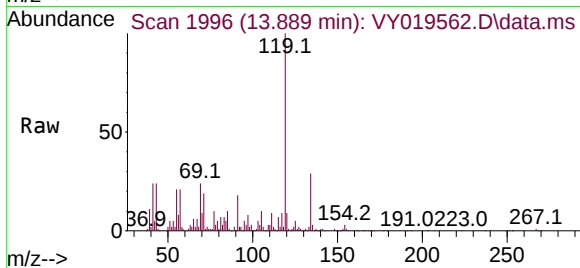
ClientSampleId :

Tgt Ion:117 Resp: 30001

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 14.355 ug/l

RT: 14.291 min Scan# 2062

Delta R.T. 0.019 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

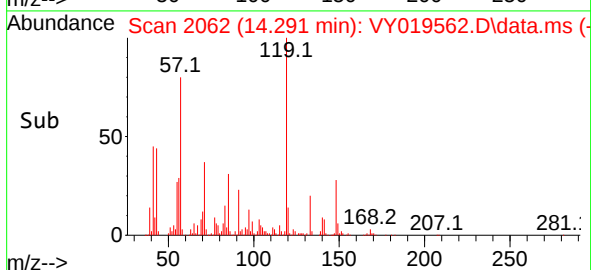
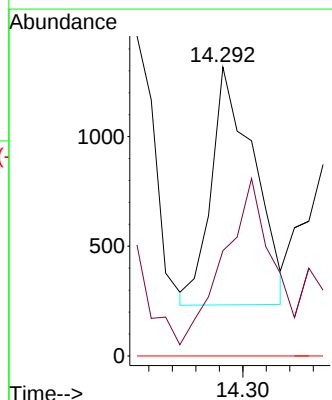
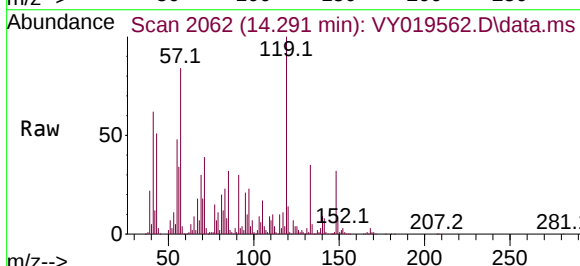
Tgt Ion: 75 Resp: 1367

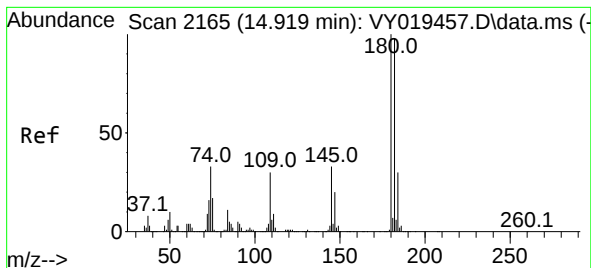
Ion Ratio Lower Upper

75 100

155 77.8 48.6 145.8

157 0.0 62.7 188.2#





#93

1,2,4-Trichlorobenzene

Concen: 1.689 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

Instrument :

MSVOA\_Y

ClientSampleId :

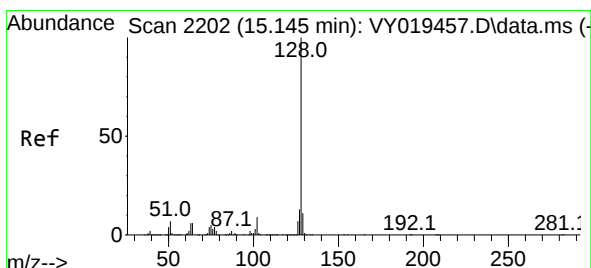
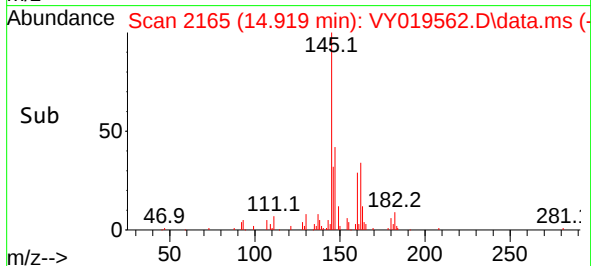
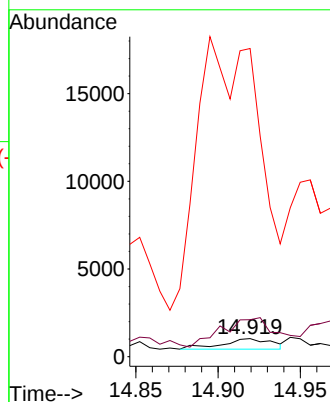
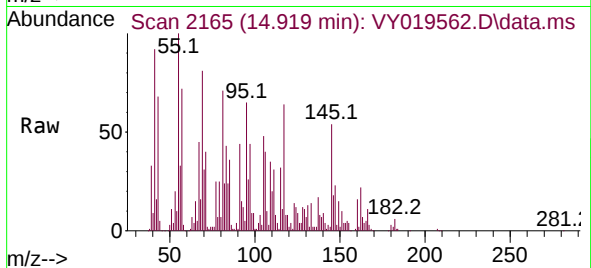
Tgt Ion:180 Resp: 1272

Ion Ratio Lower Upper

180 100

182 311.4 47.9 143.8#

145 0.0 14.2 42.6#



#95

Naphthalene

Concen: 19.898 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019562.D

Acq: 16 Sep 2024 13:32

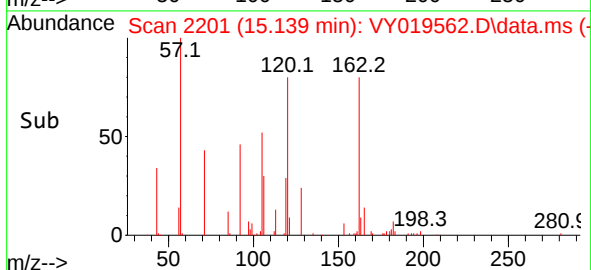
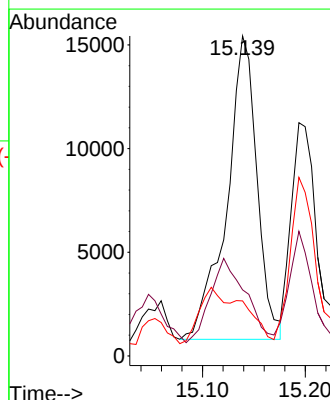
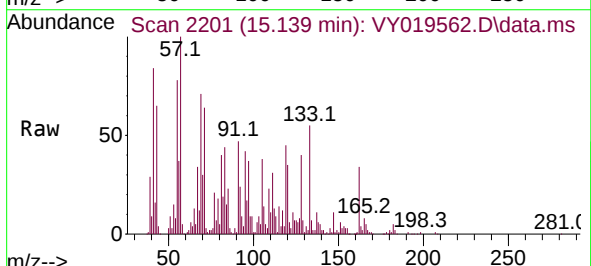
Tgt Ion:128 Resp: 30003

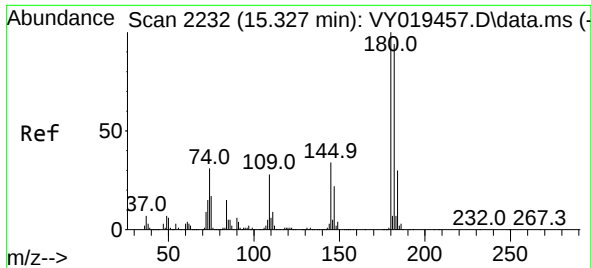
Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

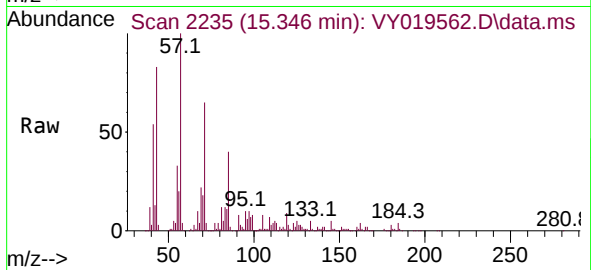
129 0.0 8.6 13.0#





#96  
 1,2,3-Trichlorobenzene  
 Concen: 9.943 ug/l  
 RT: 15.346 min Scan# 21  
 Delta R.T. 0.019 min  
 Lab File: VY019562.D  
 Acq: 16 Sep 2024 13:32

Instrument :  
 MSVOA\_Y  
 ClientSampleId :



Tgt Ion:180 Resp: 6404  
 Ion Ratio Lower Upper  
 180 100  
 182 0.0 47.6 142.9#  
 145 526.7 15.4 46.1#

