

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101123\  
 Data File : VY015932.D  
 Acq On : 11 Oct 2023 18:29  
 Operator : SY/MD  
 Sample : 04805-06  
 Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Oct 12 01:59:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100923S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 10 07:06:18 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| -----                         |        |       |          |           |            |          |
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 7.789  | 168   | 146280   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.691  | 114   | 257359   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.496 | 117   | 238047   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428 | 152   | 105953   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.143  | 65    | 93302    | 70.886    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | = 141.780% |          |
| 35) Dibromofluoromethane      | 7.716  | 113   | 83572    | 58.218    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | = 116.440% |          |
| 50) Toluene-d8                | 10.185 | 98    | 306757   | 64.840    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 134 | Recovery  | = 129.680% |          |
| 62) 4-Bromofluorobenzene      | 12.483 | 95    | 108328   | 56.374    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 30 - 143 | Recovery  | = 112.740% |          |
| Target Compounds              |        |       |          |           |            |          |
|                               |        |       |          |           | Qvalue     |          |
| 11) Tert butyl alcohol        | 4.985  | 59    | 7824     | 31.830    | ug/l #     | 93       |
| 13) Acrolein                  | 3.741  | 56    | 525      | 6.526     | ug/l #     | 57       |
| 16) Acetone                   | 3.966  | 43    | 51684    | 85.700    | ug/l       | 91       |
| 17) Carbon Disulfide          | 4.192  | 76    | 29055    | 24.463    | ug/l       | 98       |
| 20) Methylene Chloride        | 4.722  | 84    | 10294    | Below Cal | #          | 79       |
| 25) 2-Butanone                | 7.003  | 43    | 5676     | 7.861     | ug/l       | 98       |
| 29) Tetrahydrofuran           | 7.356  | 42    | 432      | 1.094     | ug/l #     | 67       |
| 31) Cyclohexane               | 7.789  | 56    | 3245     | 2.302     | ug/l #     | 1        |
| 36) 1,1-Dichloropropene       | 7.789  | 75    | 10904    | 6.859     | ug/l #     | 49       |
| 38) Carbon Tetrachloride      | 7.789  | 117   | 14643    | 7.669     | ug/l #     | 16       |
| 39) Methylcyclohexane         | 9.185  | 83    | 2105     | 1.303     | ug/l #     | 88       |
| 40) Benzene                   | 8.161  | 78    | 20216    | 4.046     | ug/l       | 99       |
| 52) Toluene                   | 10.246 | 92    | 9864     | 2.974     | ug/l       | 100      |
| 59) 2-Hexanone                | 10.813 | 43    | 1322     | 1.156     | ug/l #     | 27       |
| 67) Ethyl Benzene             | 11.599 | 91    | 15222    | 2.137     | ug/l       | 97       |
| 68) m/p-Xylenes               | 11.697 | 106   | 6129     | 2.283     | ug/l #     | 18       |
| 69) o-Xylene                  | 12.032 | 106   | 7865     | 2.929     | ug/l       | 98       |
| 70) Styrene                   | 12.050 | 104   | 4815     | 1.028     | ug/l #     | 64       |
| 73) Isopropylbenzene          | 12.337 | 105   | 85375    | 12.774    | ug/l #     | 62       |
| 74) N-amyl acetate            | 12.233 | 43    | 6879     | 3.266     | ug/l #     | 23       |
| 75) 1,1,2,2-Tetrachloroethane | 12.520 | 83    | 3629     | 2.094     | ug/l #     | 31       |
| 76) 1,2,3-Trichloropropane    | 12.483 | 75    | 56159    | 45.404    | ug/l #     | 100      |
| 77) Bromobenzene              | 12.410 | 156   | 193235   | 117.909   | ug/l #     | 1        |
| 79) 2-Chlorotoluene           | 12.776 | 91    | 31345    | 6.846     | ug/l #     | 42       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105   | 15312    | 2.780     | ug/l       | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.337 | 75    | 3445     | 6.176     | ug/l #     | 1        |
| 82) 4-Chlorotoluene           | 12.916 | 91    | 62554    | 13.111    | ug/l #     | 40       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105   | 28917    | 5.213     | ug/l #     | 32       |
| 85) sec-Butylbenzene          | 13.373 | 105   | 200328   | 26.571    | ug/l #     | 1        |
| 86) p-Isopropyltoluene        | 13.373 | 119   | 5213877  | 835.967   | ug/l       | 99       |
| 89) n-Butylbenzene            | 13.629 | 91    | 24805    | 4.203     | ug/l #     | 45       |
| 90) Hexachloroethane          | 13.971 | 117   | 4239     | 3.387     | ug/l #     | 8        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.276 | 75    | 7709     | 25.329    | ug/l #     | 11       |
| 95) Naphthalene               | 15.239 | 128   | 906571   | 199.371   | ug/l       | 99       |
| -----                         |        |       |          |           |            |          |

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Sample : 04805-06  
Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

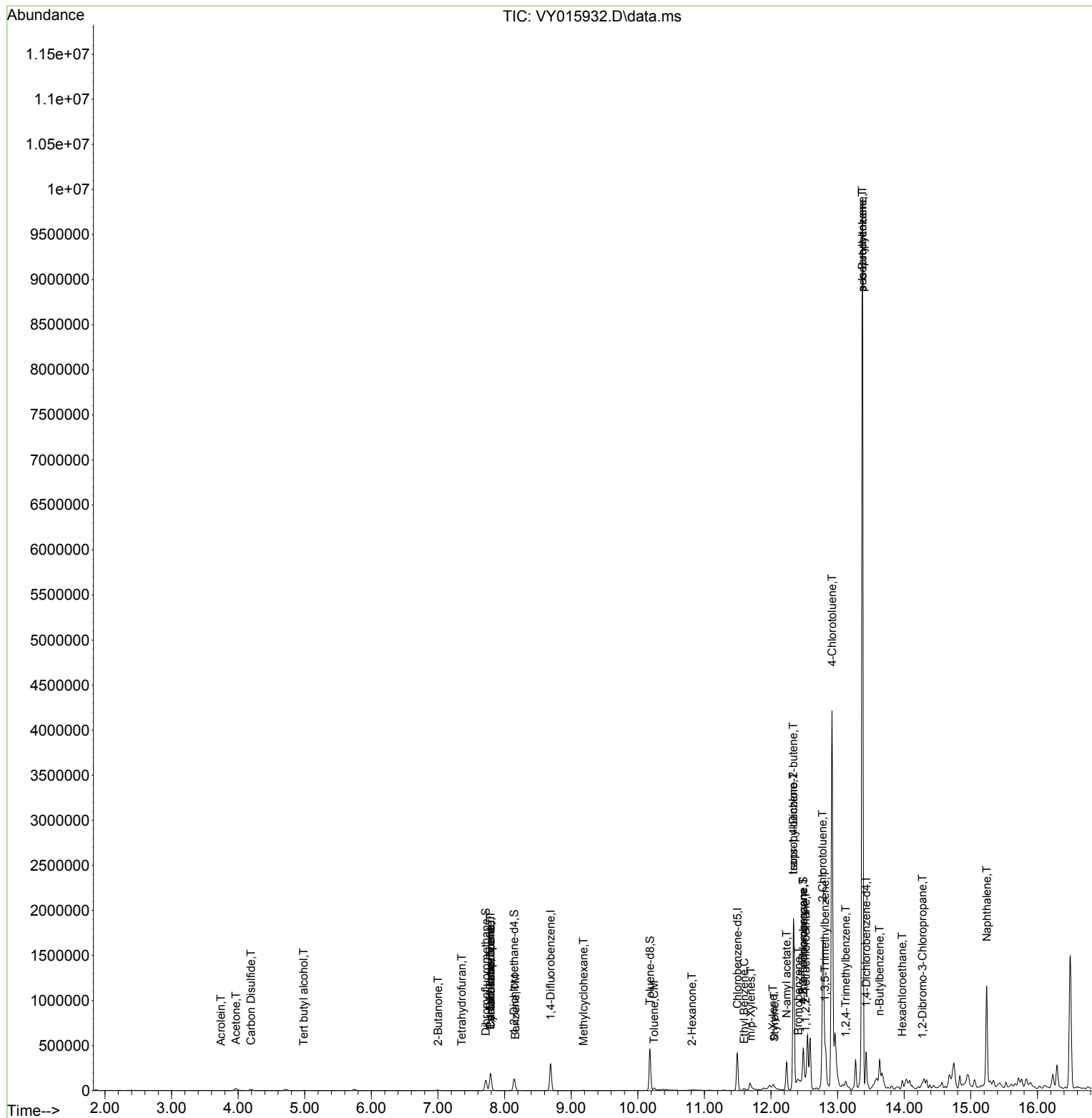
Quant Time: Oct 12 01:59:45 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100923S.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 10 07:06:18 2023  
Response via : Initial Calibration

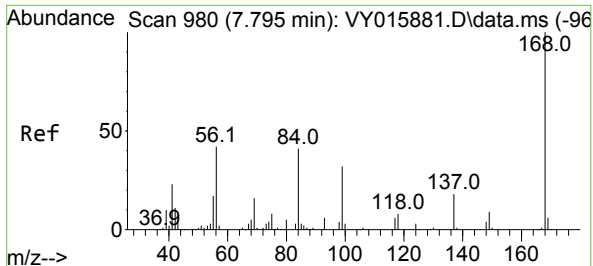
| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

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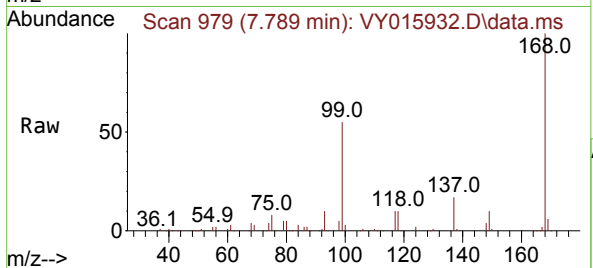
Quant Time: Oct 12 01:59:45 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100923S.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 10 07:06:18 2023  
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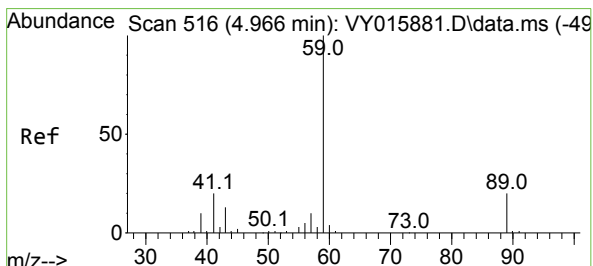
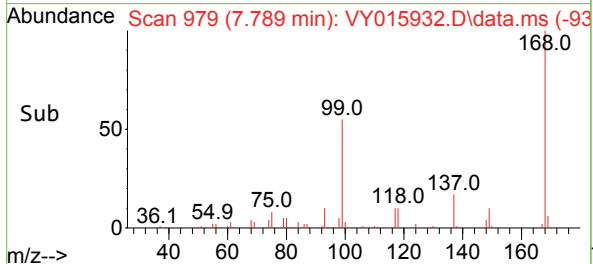
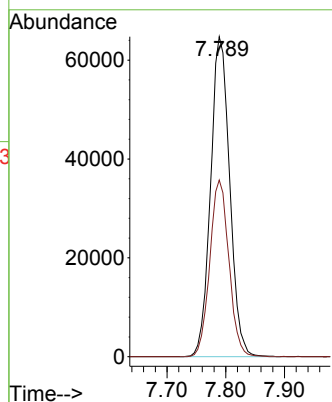


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29

Instrument :  
MSVOA\_Y  
ClientSampleId :

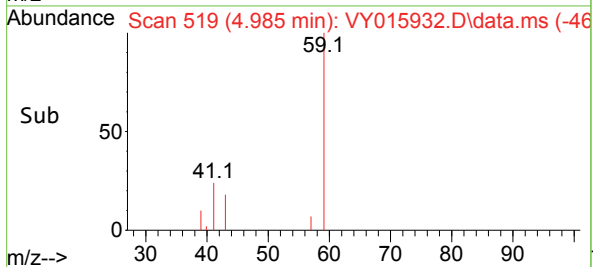
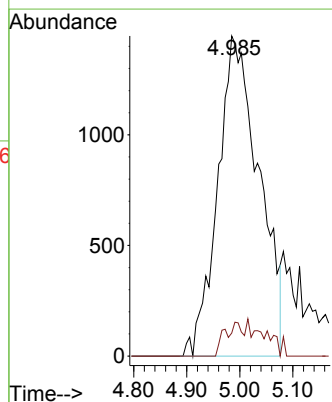
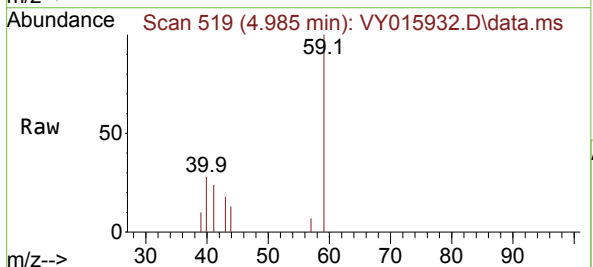


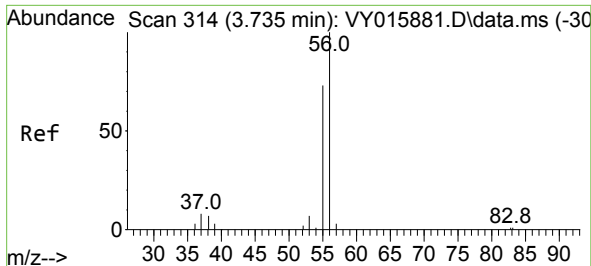
Tgt Ion:168 Resp: 146280  
Ion Ratio Lower Upper  
168 100  
99 55.2 43.4 65.0



#11  
Tert butyl alcohol  
Concen: 31.830 ug/l  
RT: 4.985 min Scan# 519  
Delta R.T. 0.019 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29

Tgt Ion: 59 Resp: 7824  
Ion Ratio Lower Upper  
59 100  
57 1.3 3.0 4.4#





#13

Acrolein

Concen: 6.526 ug/l

RT: 3.741 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

Instrument :

MSVOA\_Y

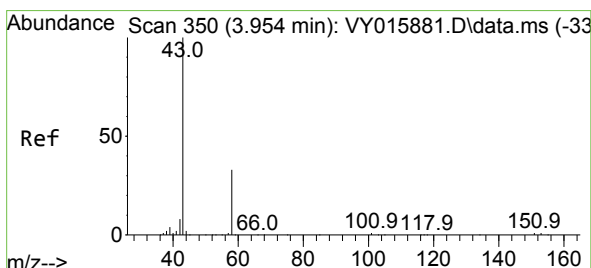
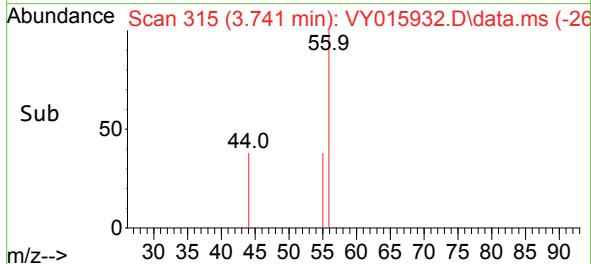
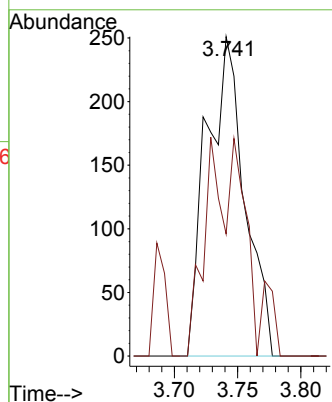
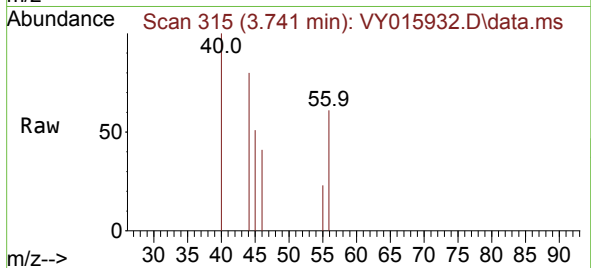
ClientSampleId :

Tgt Ion: 56 Resp: 525

Ion Ratio Lower Upper

56 100

55 35.6 57.0 85.4#



#16

Acetone

Concen: 85.700 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.012 min

Lab File: VY015932.D

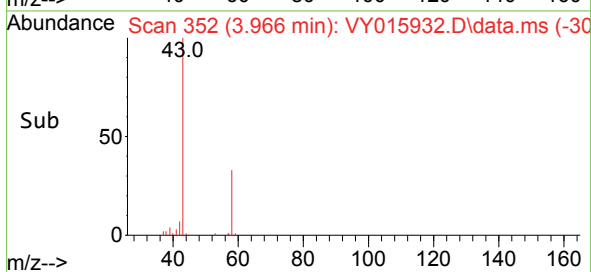
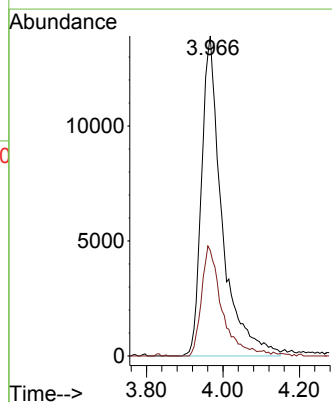
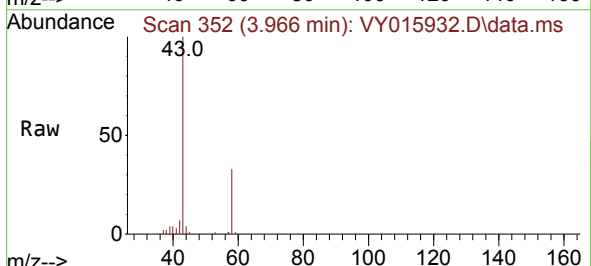
Acq: 11 Oct 2023 18:29

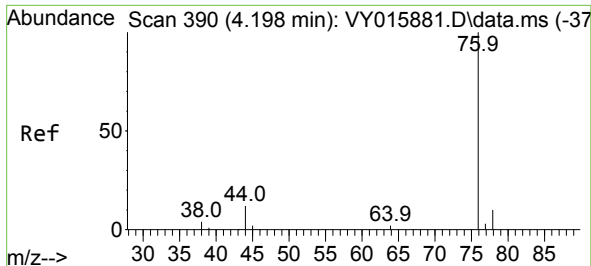
Tgt Ion: 43 Resp: 51684

Ion Ratio Lower Upper

43 100

58 33.0 22.7 34.1

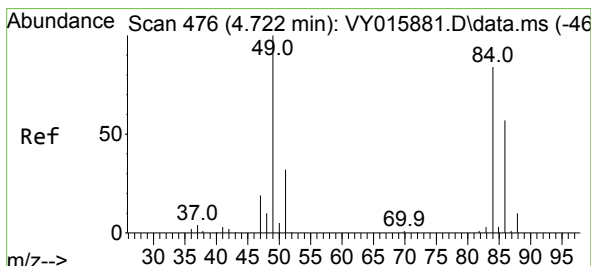
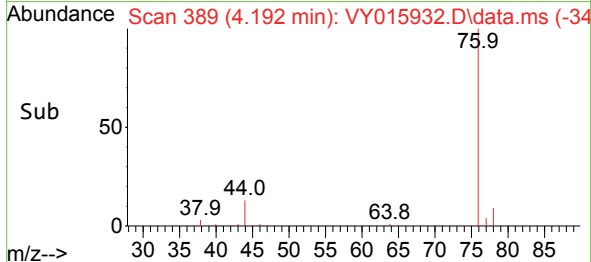
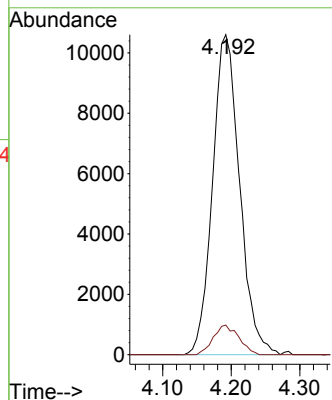
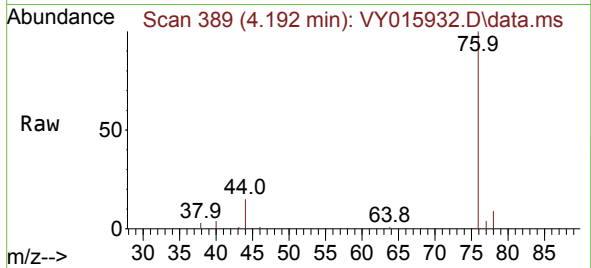




#17  
Carbon Disulfide  
Concen: 24.463 ug/l  
RT: 4.192 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29

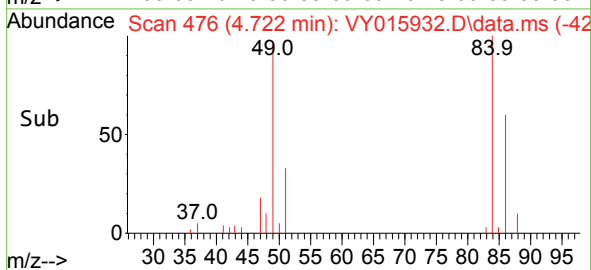
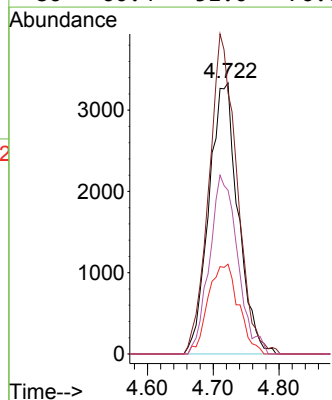
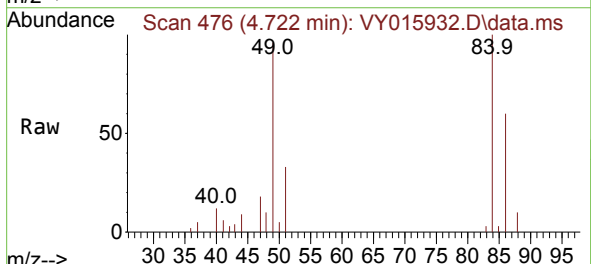
Instrument :  
MSVOA\_Y  
ClientSampleId :

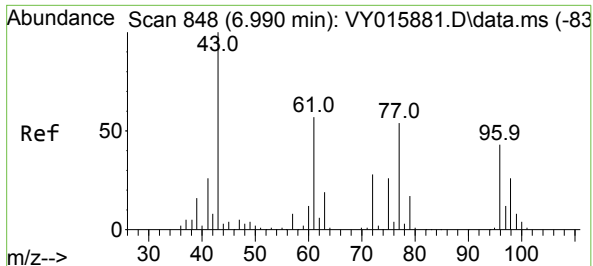
Tgt Ion: 76 Resp: 29055  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.0 10.4



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.722 min Scan# 476  
Delta R.T. 0.000 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29

Tgt Ion: 84 Resp: 10294  
Ion Ratio Lower Upper  
84 100  
49 96.3 106.9 160.3#  
51 33.1 33.2 49.8#  
86 60.4 51.0 76.6





#25

2-Butanone

Concen: 7.861 ug/l

RT: 7.003 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

Instrument :

MSVOA\_Y

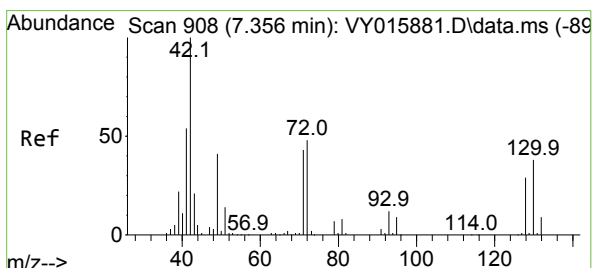
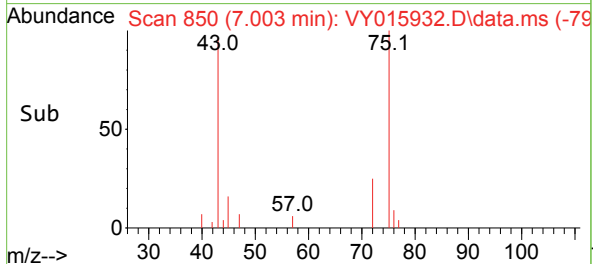
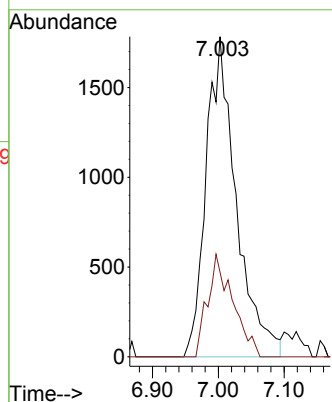
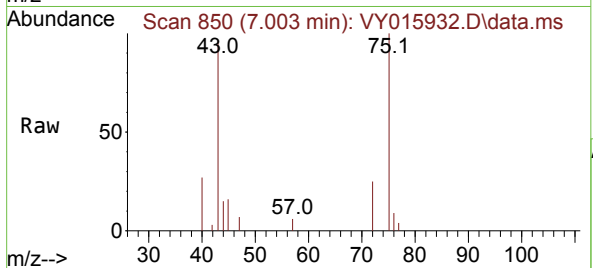
ClientSampleId :

Tgt Ion: 43 Resp: 5676

Ion Ratio Lower Upper

43 100

72 26.4 20.5 30.7



#29

Tetrahydrofuran

Concen: 1.094 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

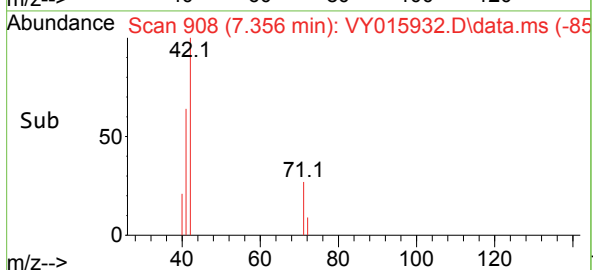
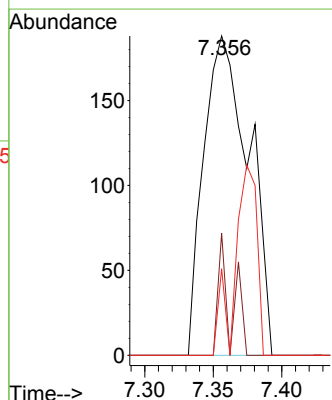
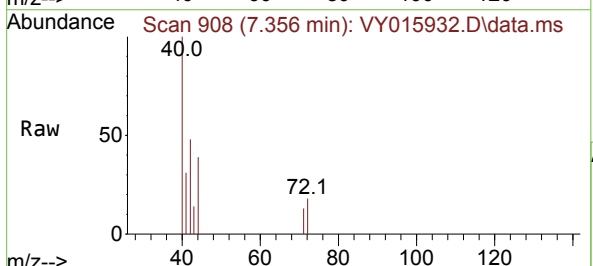
Tgt Ion: 42 Resp: 432

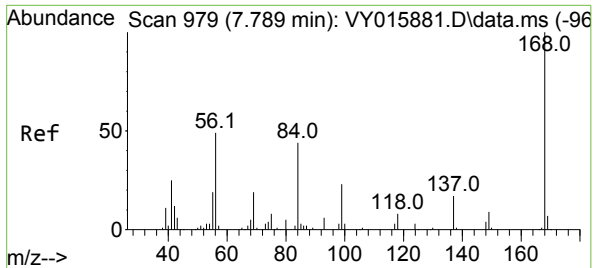
Ion Ratio Lower Upper

42 100

72 10.6 32.8 49.2#

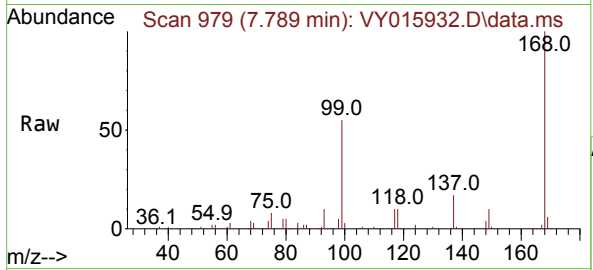
71 28.9 31.0 46.4#



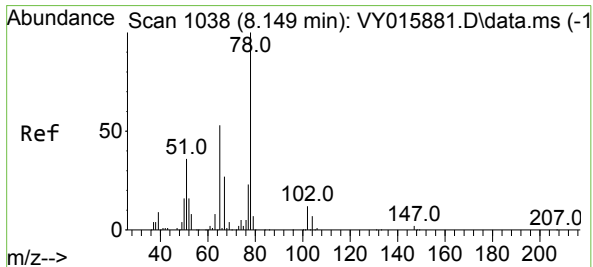
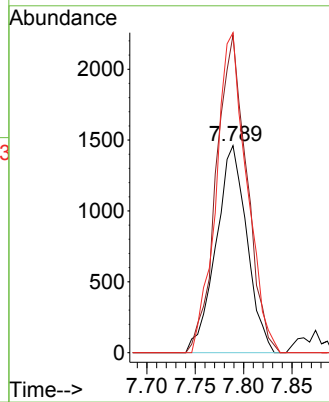
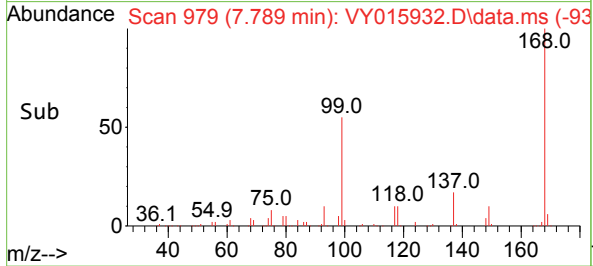


#31  
Cyclohexane  
Concen: 2.302 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29

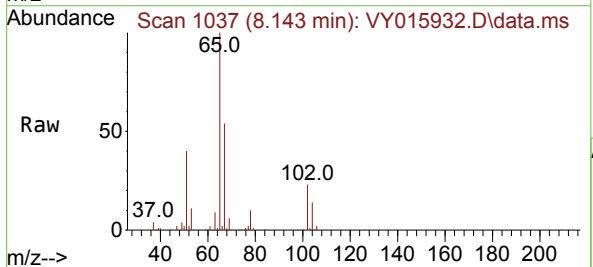
Instrument :  
MSVOA\_Y  
ClientSampleId :



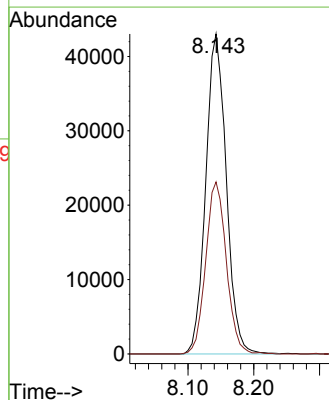
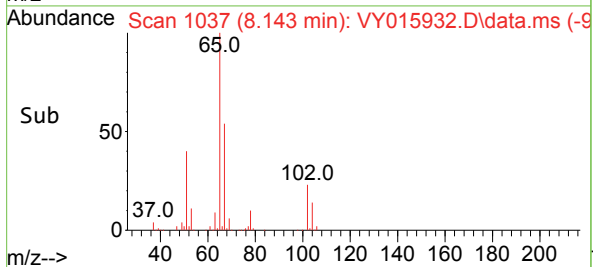
Tgt Ion: 56 Resp: 3245  
Ion Ratio Lower Upper  
56 100  
69 153.3 27.8 41.6#  
84 154.6 66.4 99.6#



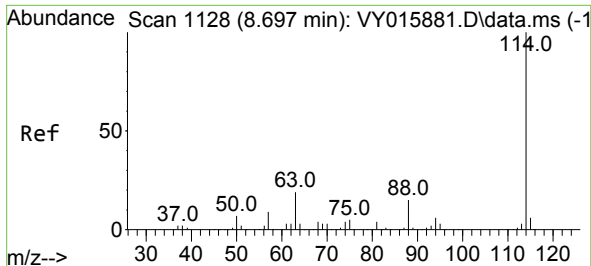
#33  
1,2-Dichloroethane-d4  
Concen: 70.886 ug/l  
RT: 8.143 min Scan# 1037  
Delta R.T. -0.006 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29



Tgt Ion: 65 Resp: 93302  
Ion Ratio Lower Upper  
65 100  
67 54.2 0.0 101.8







#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

Instrument :

MSVOA\_Y

ClientSampleId :

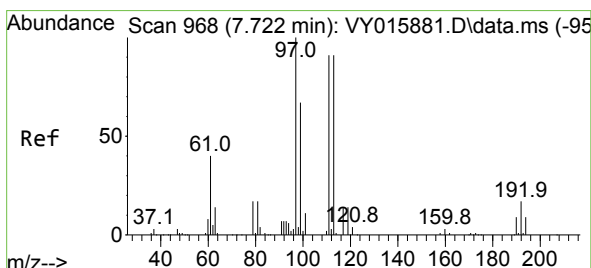
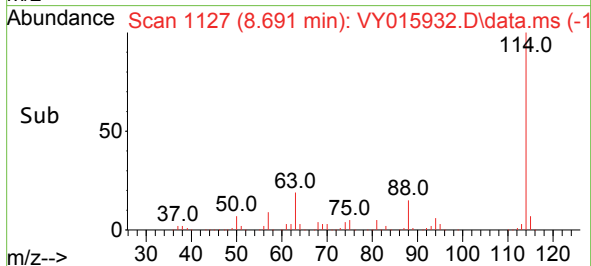
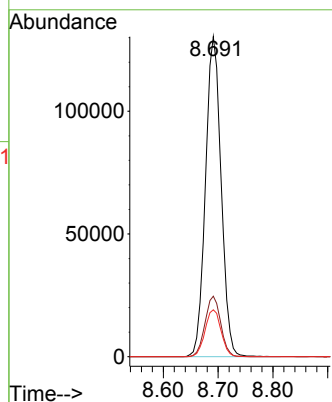
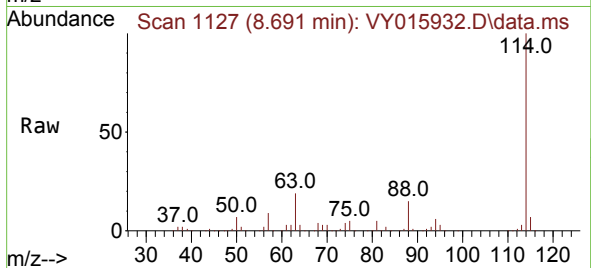
Tgt Ion:114 Resp: 257359

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.218 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

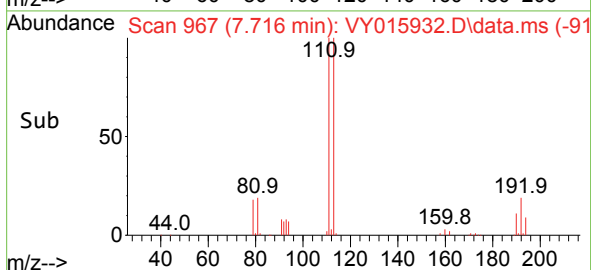
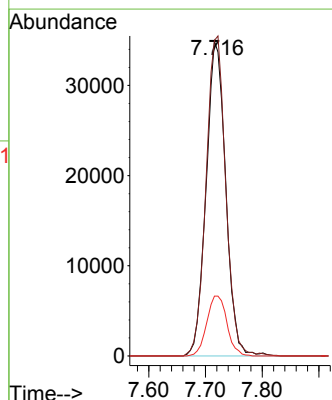
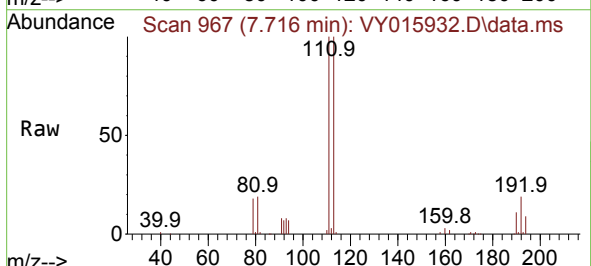
Tgt Ion:113 Resp: 83572

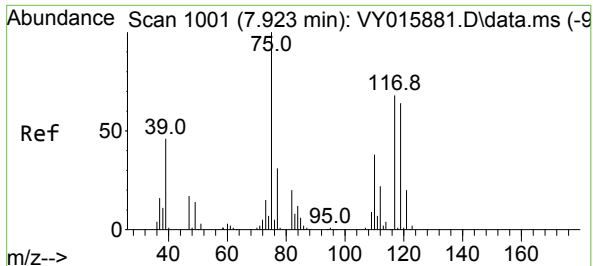
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

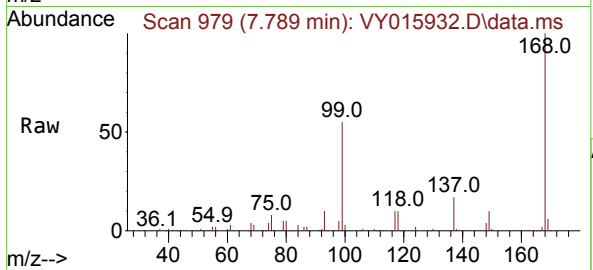
192 19.6 16.9 25.3



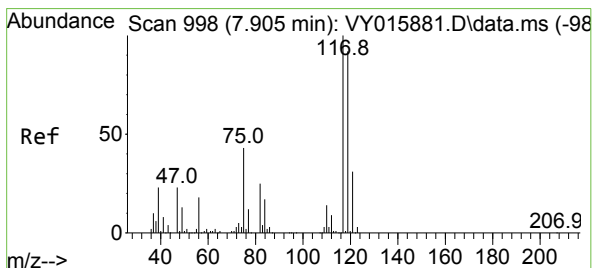
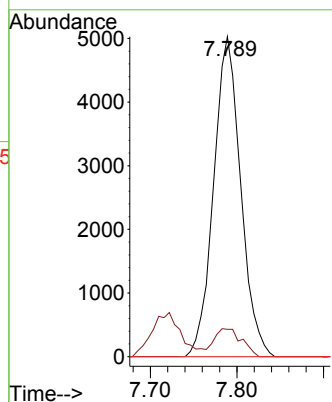
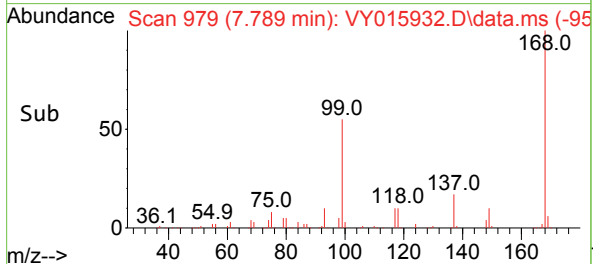


#36  
1,1-Dichloropropene  
Concen: 6.859 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.134 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29

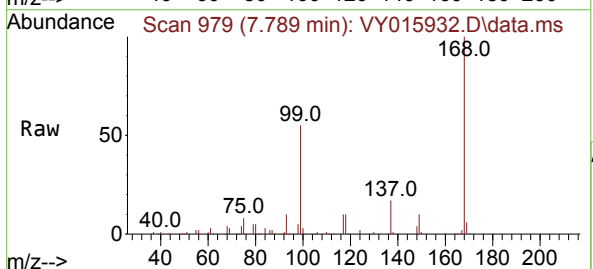
Instrument :  
MSVOA\_Y  
ClientSampleId :



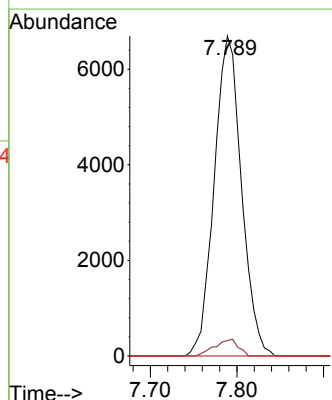
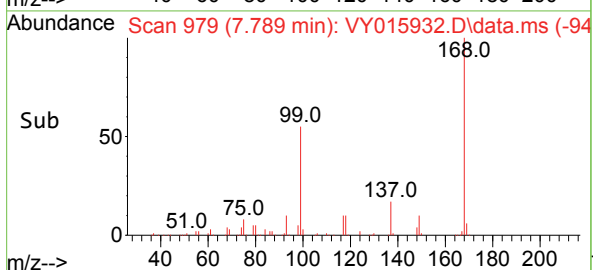
Tgt Ion: 75 Resp: 10904  
Ion Ratio Lower Upper  
75 100  
110 8.7 17.8 53.5#  
77 0.0 24.4 36.6#

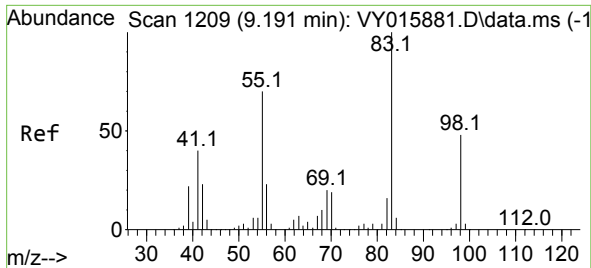


#38  
Carbon Tetrachloride  
Concen: 7.669 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.116 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29



Tgt Ion: 117 Resp: 14643  
Ion Ratio Lower Upper  
117 100  
119 4.8 76.4 114.6#  
121 0.0 25.8 38.6#

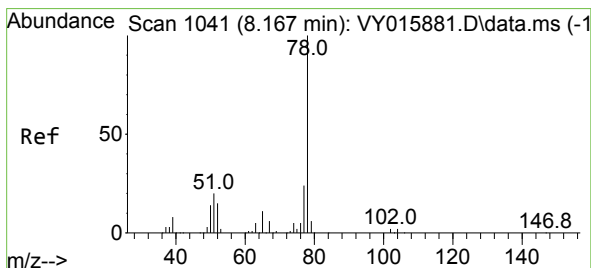
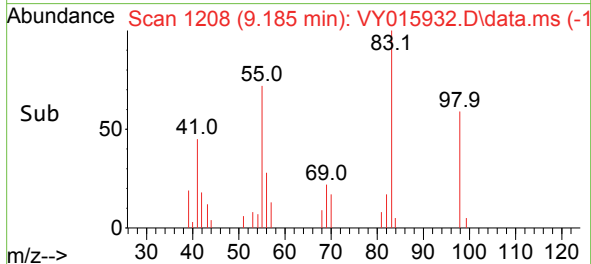
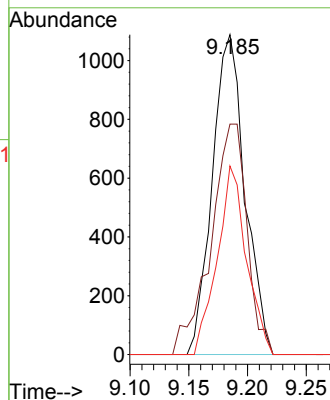
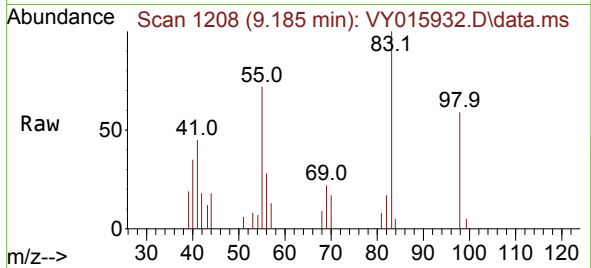




#39  
Methylcyclohexane  
Concen: 1.303 ug/l  
RT: 9.185 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29

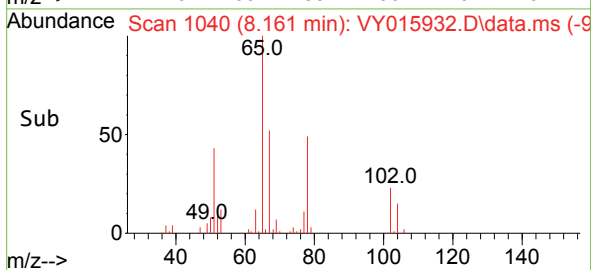
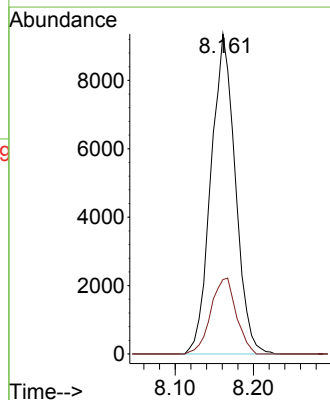
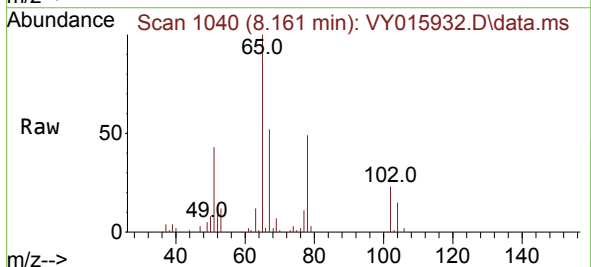
Instrument :  
MSVOA\_Y  
ClientSampleId :

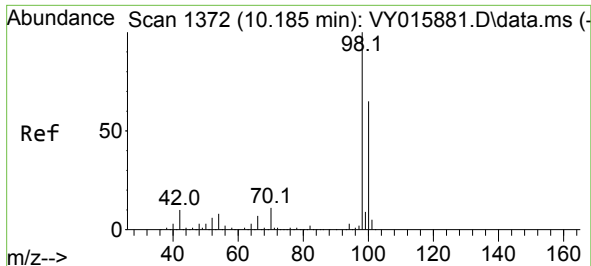
Tgt Ion: 83 Resp: 2105  
Ion Ratio Lower Upper  
83 100  
55 72.1 63.0 94.4  
98 58.9 37.4 56.2#



#40  
Benzene  
Concen: 4.046 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. -0.006 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29

Tgt Ion: 78 Resp: 20216  
Ion Ratio Lower Upper  
78 100  
77 23.3 19.0 28.6

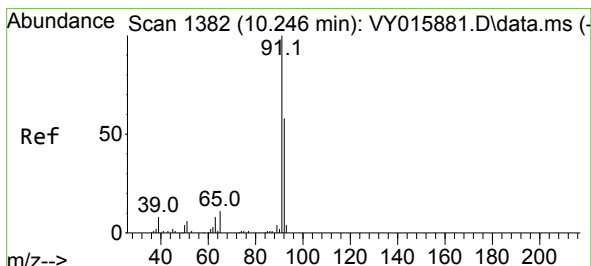
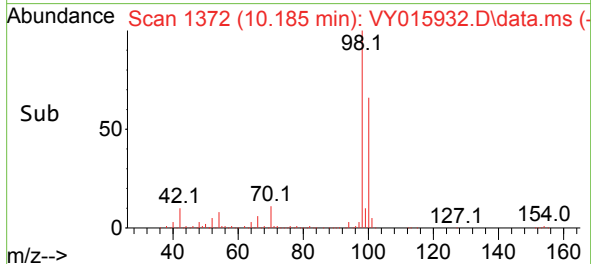
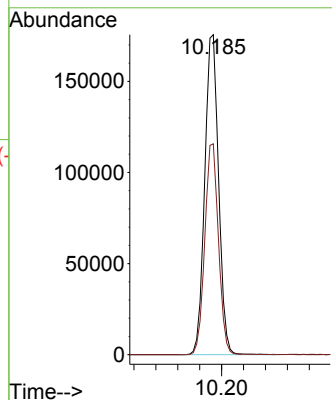
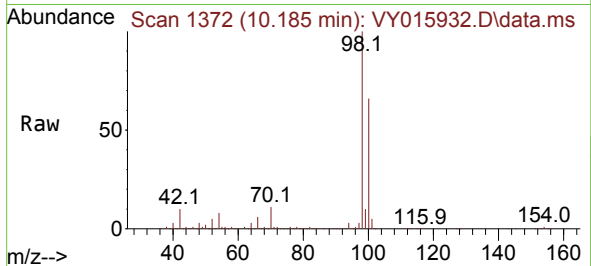




#50  
Toluene-d8  
Concen: 64.840 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29

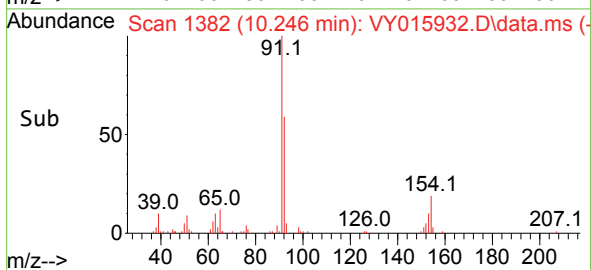
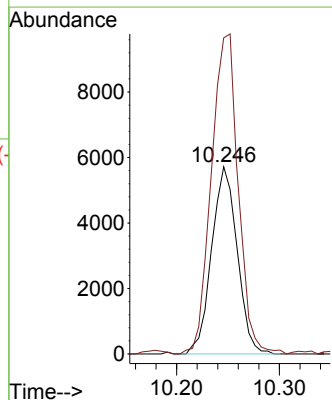
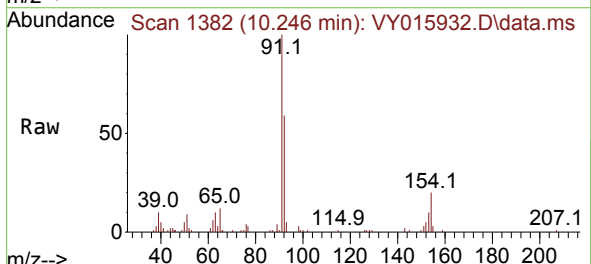
Instrument :  
MSVOA\_Y  
ClientSampleId :

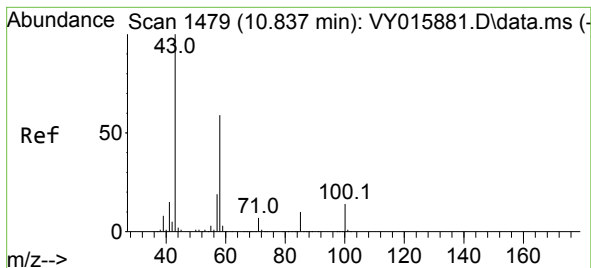
Tgt Ion: 98 Resp: 306757  
Ion Ratio Lower Upper  
98 100  
100 65.1 50.1 75.1



#52  
Toluene  
Concen: 2.974 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29

Tgt Ion: 92 Resp: 9864  
Ion Ratio Lower Upper  
92 100  
91 179.8 143.8 215.6

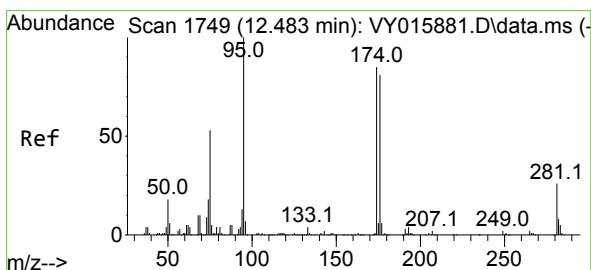
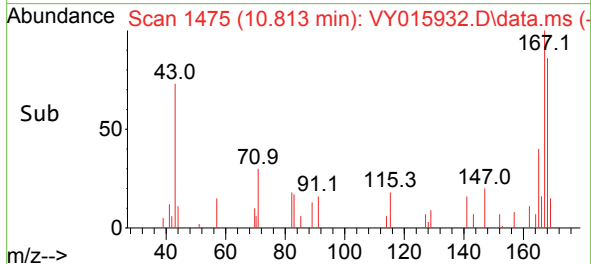
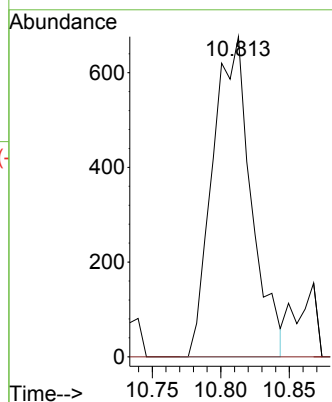
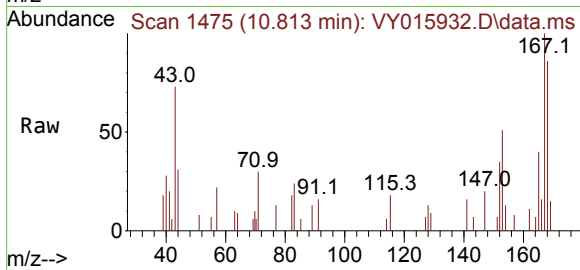




#59  
2-Hexanone  
Concen: 1.156 ug/l  
RT: 10.813 min Scan# 1475  
Delta R.T. -0.024 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29

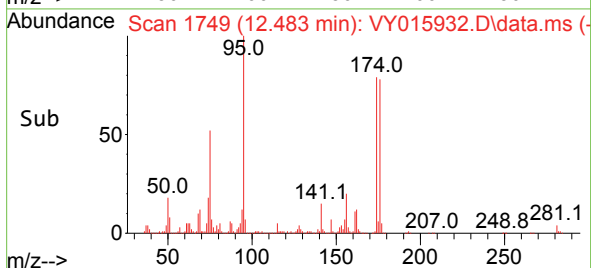
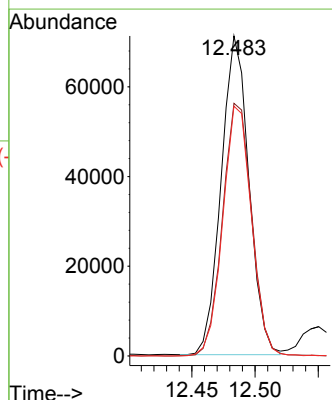
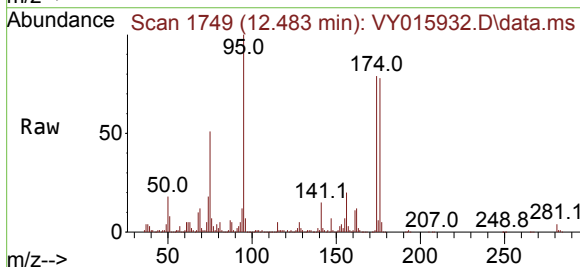
Instrument :  
MSVOA\_Y  
ClientSampleId :

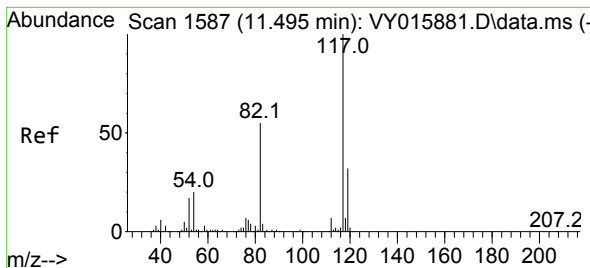
Tgt Ion: 43 Resp: 1322  
Ion Ratio Lower Upper  
43 100  
58 0.0 25.1 75.3#



#62  
4-Bromofluorobenzene  
Concen: 56.374 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29

Tgt Ion: 95 Resp: 108328  
Ion Ratio Lower Upper  
95 100  
174 83.8 0.0 178.2  
176 81.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

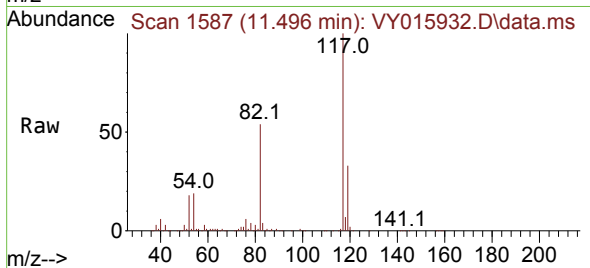
Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

Instrument :

MSVOA\_Y

ClientSampleId :



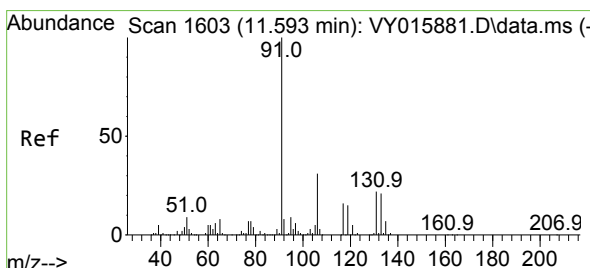
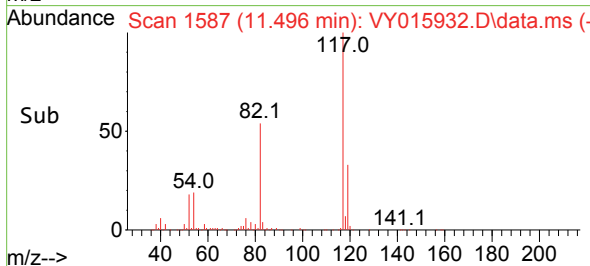
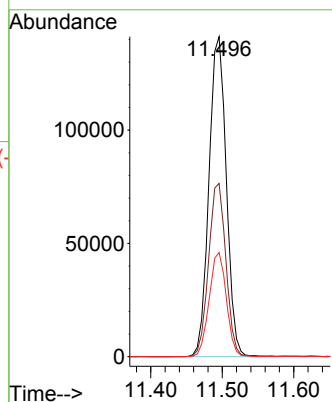
Tgt Ion:117 Resp: 238047

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 32.5 26.3 39.5



#67

Ethyl Benzene

Concen: 2.137 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY015932.D

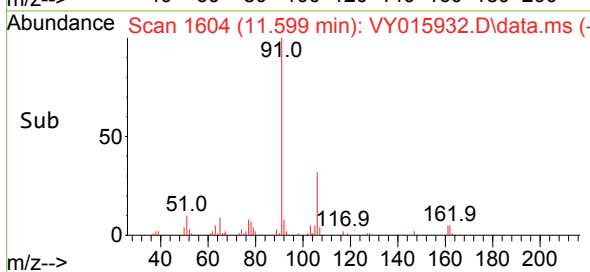
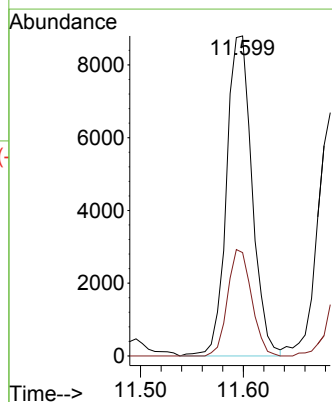
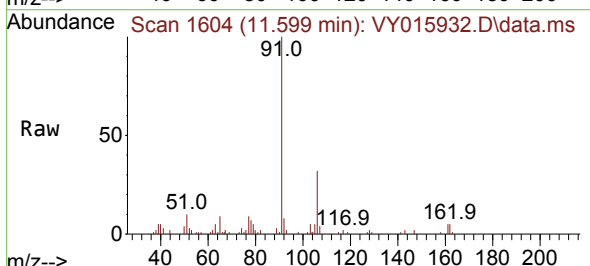
Acq: 11 Oct 2023 18:29

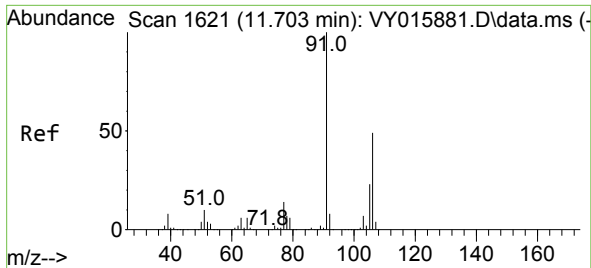
Tgt Ion: 91 Resp: 15222

Ion Ratio Lower Upper

91 100

106 32.3 24.6 36.8

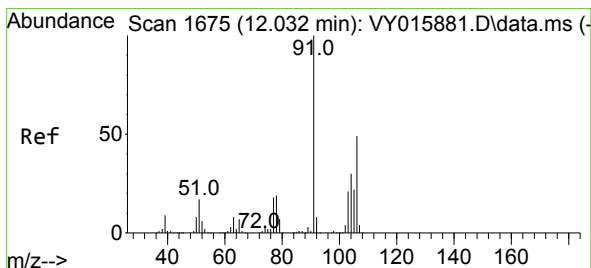
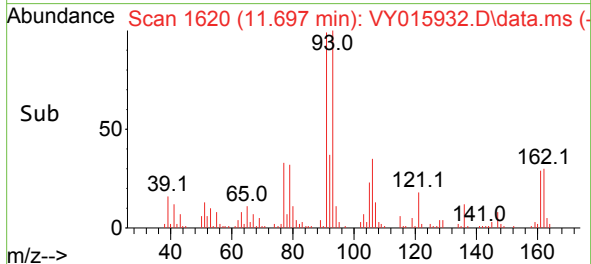
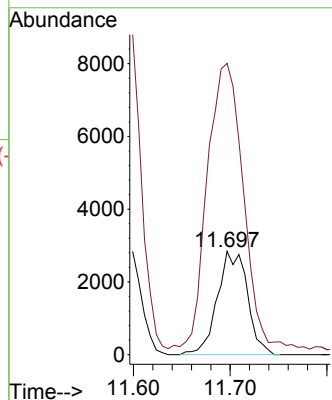
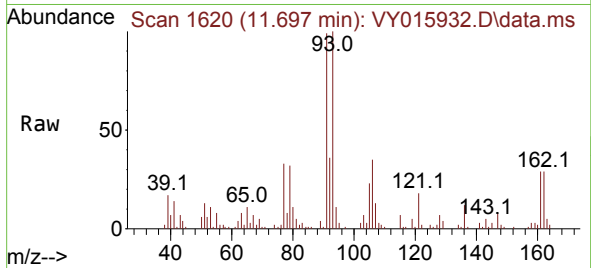




#68  
m/p-Xylenes  
Concen: 2.283 ug/l  
RT: 11.697 min Scan# 1620  
Delta R.T. -0.006 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29

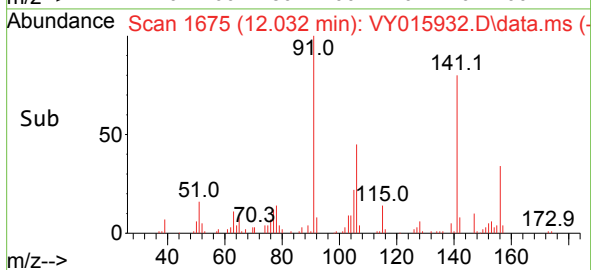
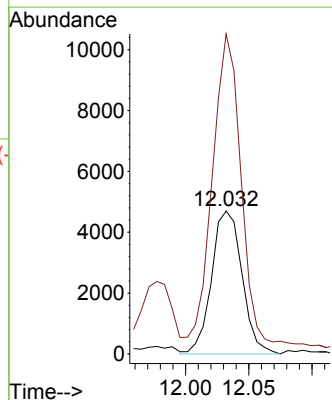
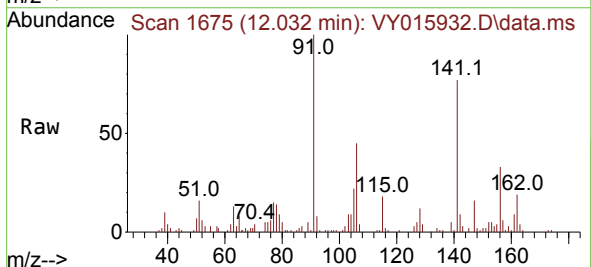
Instrument :  
MSVOA\_Y  
ClientSampleId :

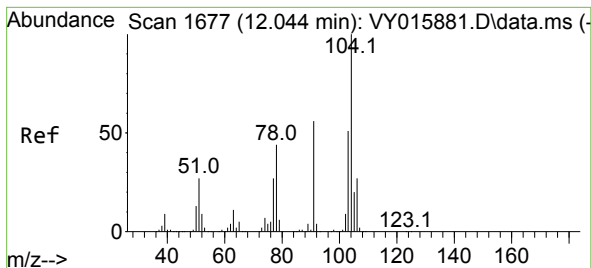
Tgt Ion:106 Resp: 6129  
Ion Ratio Lower Upper  
106 100  
91 334.3 166.1 249.1#



#69  
o-Xylene  
Concen: 2.929 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29

Tgt Ion:106 Resp: 7865  
Ion Ratio Lower Upper  
106 100  
91 213.7 108.1 324.3





#70

Styrene

Concen: 1.028 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015932.D

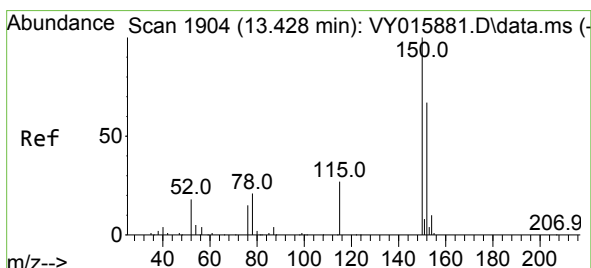
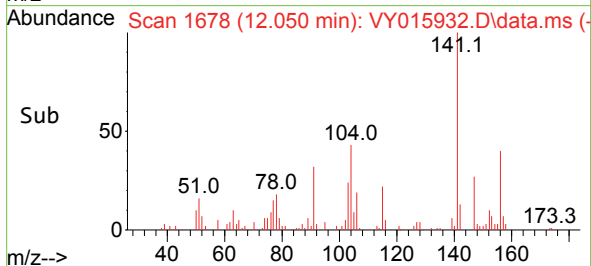
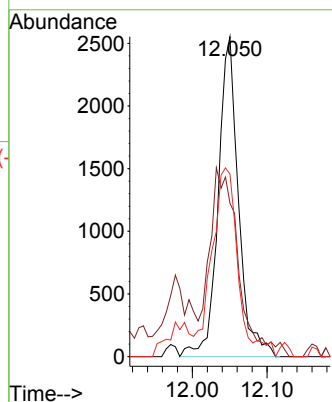
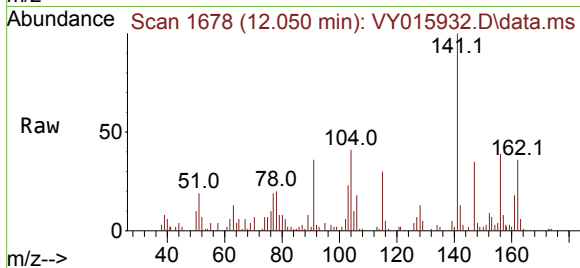
Acq: 11 Oct 2023 18:29

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:104 | Resp: | 4815       |
| Ion Ratio   | Lower | Upper      |
| 104         | 100   |            |
| 78          | 83.3  | 41.5 62.3# |
| 103         | 75.7  | 44.6 67.0# |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

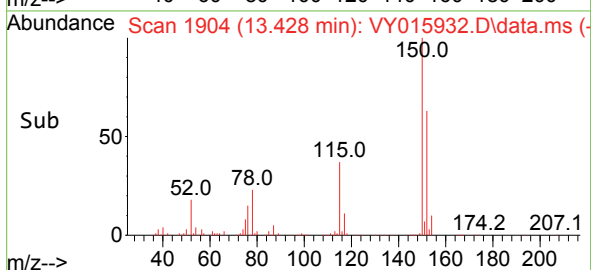
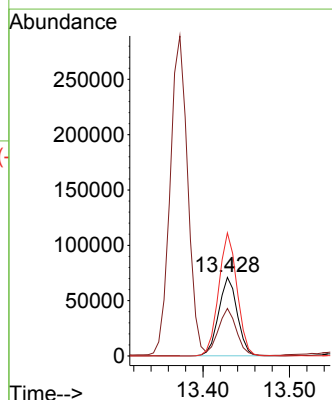
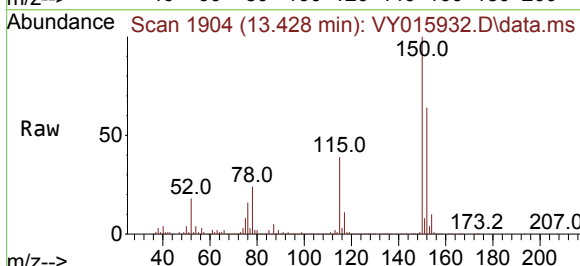
RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

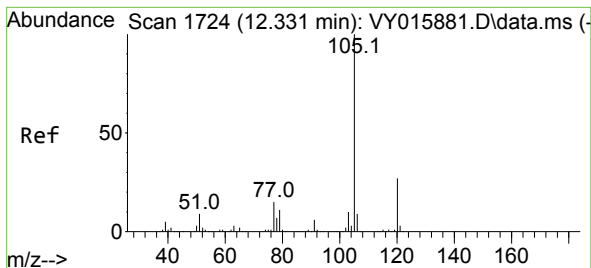
Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 105953    |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 57.8  | 28.8 86.5 |
| 150         | 155.3 | 0.0 348.8 |







#73

Isopropylbenzene

Concen: 12.774 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

Instrument :

MSVOA\_Y

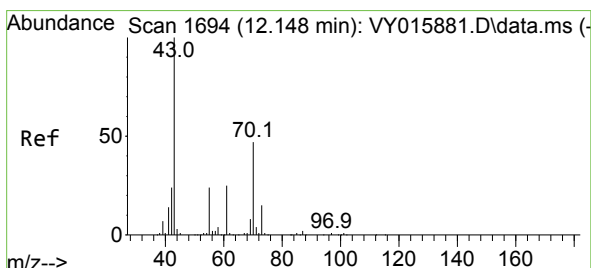
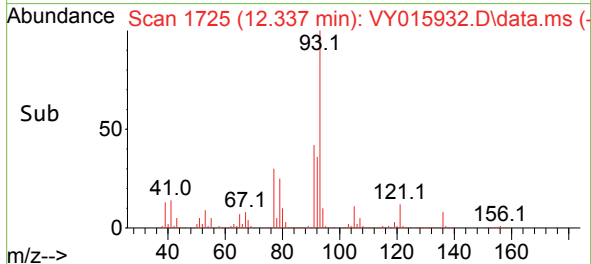
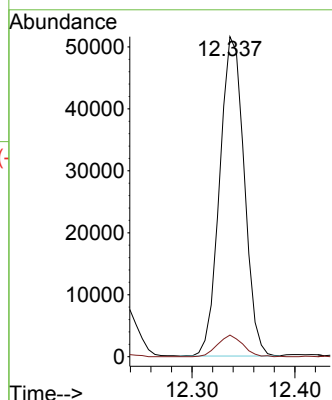
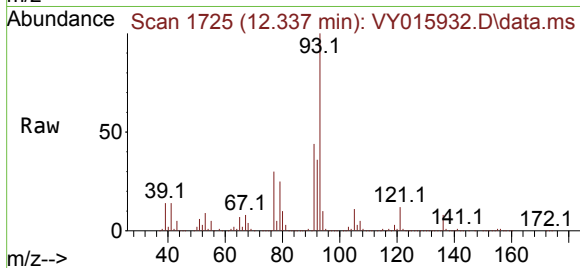
ClientSampleId :

Tgt Ion:105 Resp: 85375

Ion Ratio Lower Upper

105 100

120 7.0 13.3 39.9#



#74

N-ethyl acetate

Concen: 3.266 ug/l

RT: 12.233 min Scan# 1708

Delta R.T. 0.085 min

Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

Tgt Ion: 43 Resp: 6879

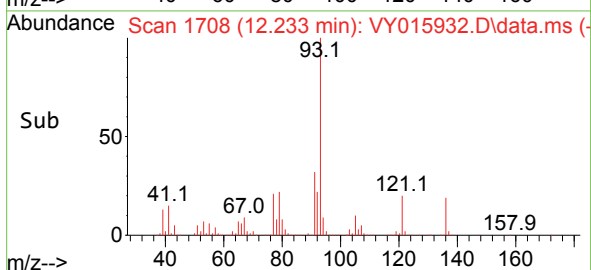
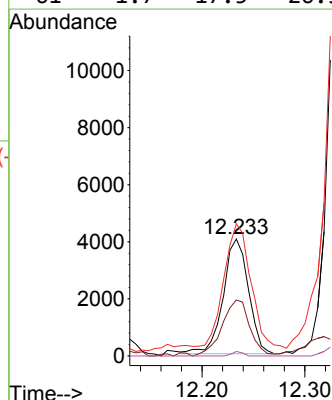
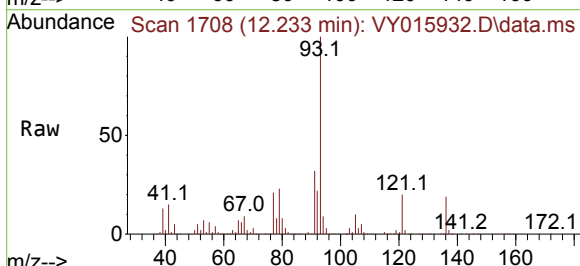
Ion Ratio Lower Upper

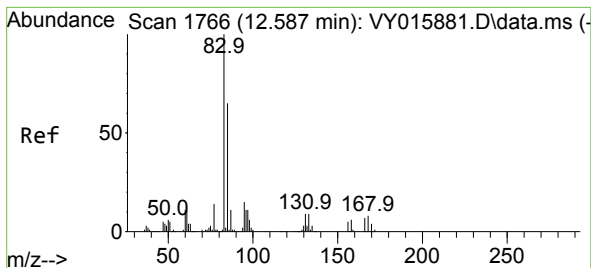
43 100

70 53.4 29.7 44.5#

55 115.4 18.3 27.5#

61 1.7 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.094 ug/l

RT: 12.520 min Scan# 1755

Delta R.T. -0.067 min

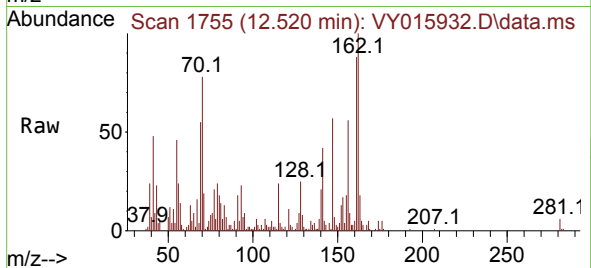
Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

Instrument :

MSVOA\_Y

ClientSampleId :



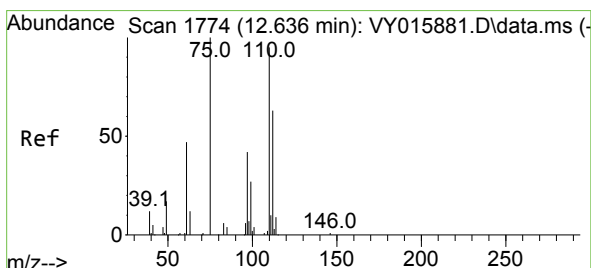
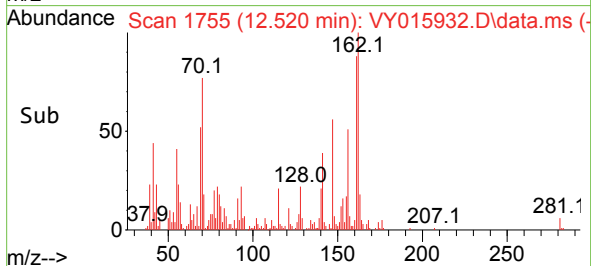
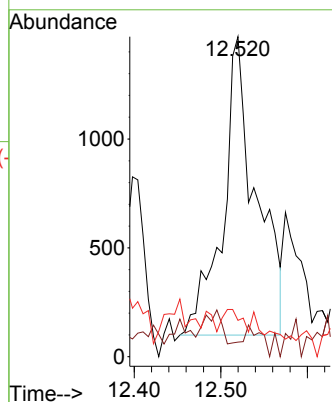
Tgt Ion: 83 Resp: 3629

Ion Ratio Lower Upper

83 100

131 0.0 5.4 16.2#

85 4.5 31.8 95.4#



#76

1,2,3-Trichloropropane

Concen: 45.404 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY015932.D

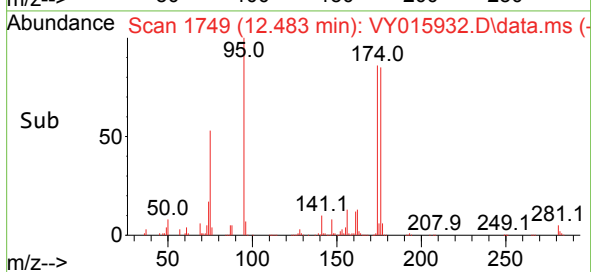
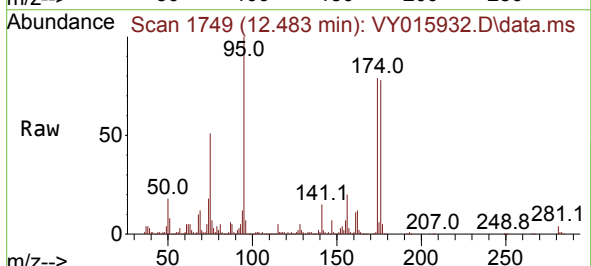
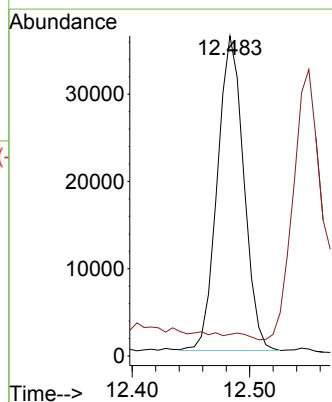
Acq: 11 Oct 2023 18:29

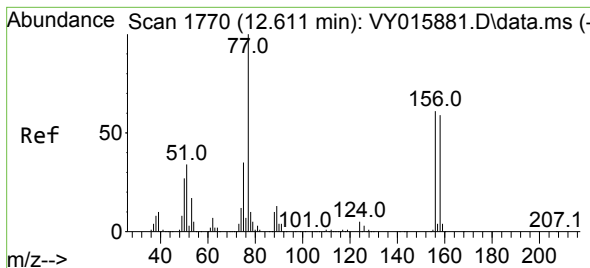
Tgt Ion: 75 Resp: 56159

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 117.909 ug/l

RT: 12.410 min Scan# 1

Delta R.T. -0.201 min

Lab File: VY015932.D

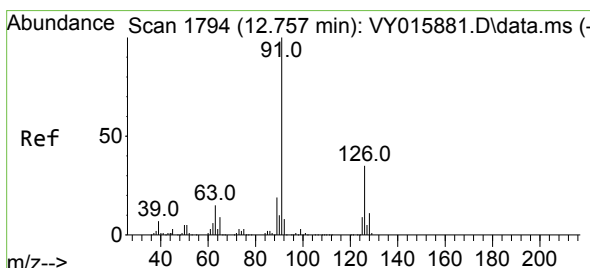
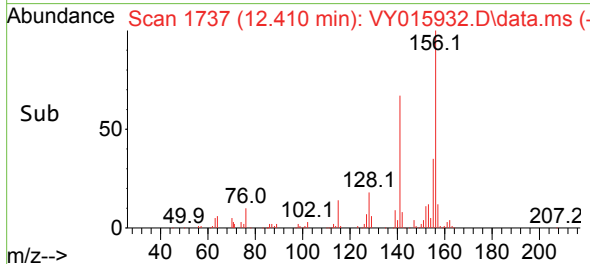
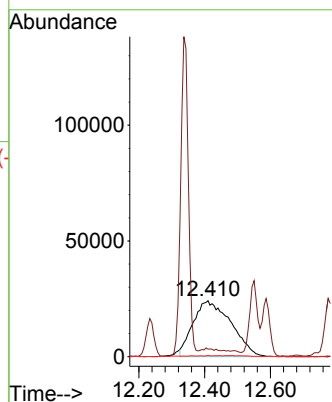
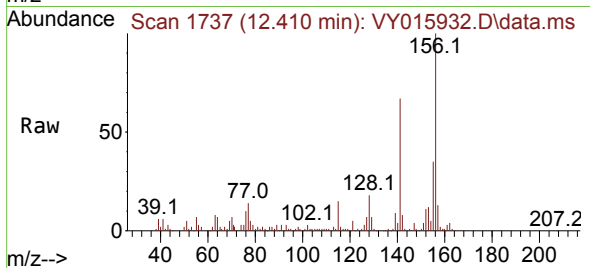
Acq: 11 Oct 2023 18:29

Instrument :

MSVOA\_Y

ClientSampleId :

Tgt Ion:156 Resp: 193235  
 Ion Ratio Lower Upper  
 156 100  
 77 0.0 92.8 278.6#  
 158 0.1 48.4 145.3#



#79

2-Chlorotoluene

Concen: 6.846 ug/l

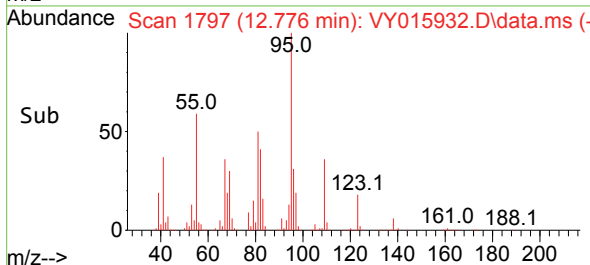
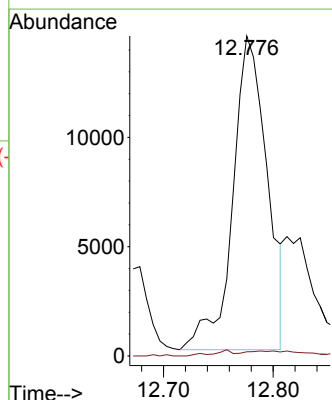
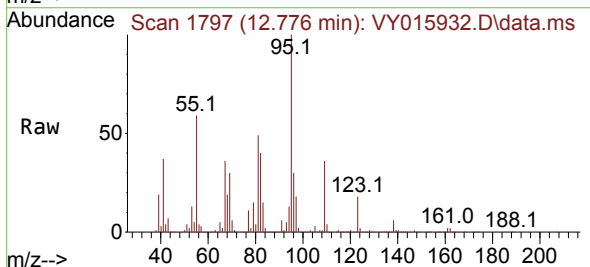
RT: 12.776 min Scan# 1797

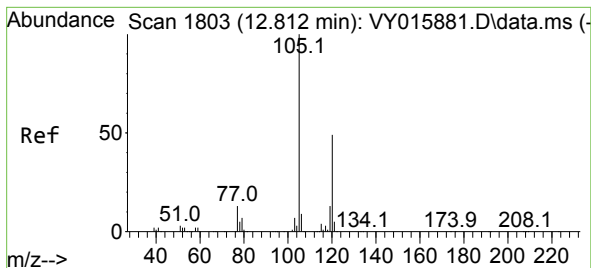
Delta R.T. 0.018 min

Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

Tgt Ion: 91 Resp: 31345  
 Ion Ratio Lower Upper  
 91 100  
 126 1.2 17.3 51.7#





#80

1,3,5-Trimethylbenzene

Concen: 2.780 ug/l

RT: 12.812 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

Instrument :

MSVOA\_Y

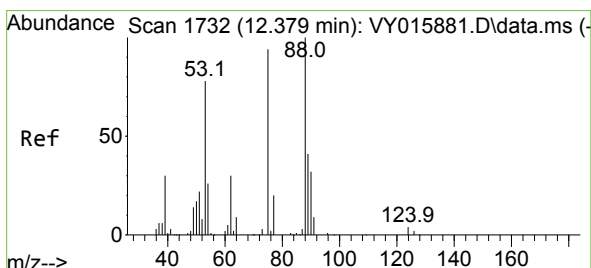
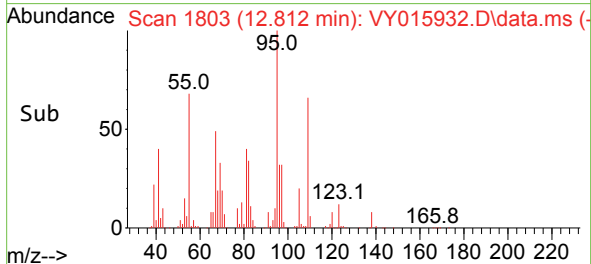
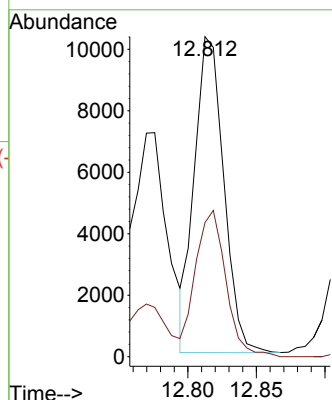
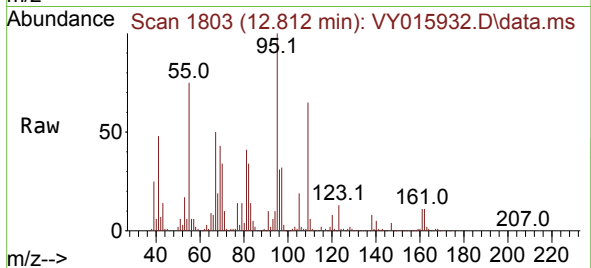
ClientSampleId :

Tgt Ion:105 Resp: 15312

Ion Ratio Lower Upper

105 100

120 47.9 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 6.176 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.043 min

Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

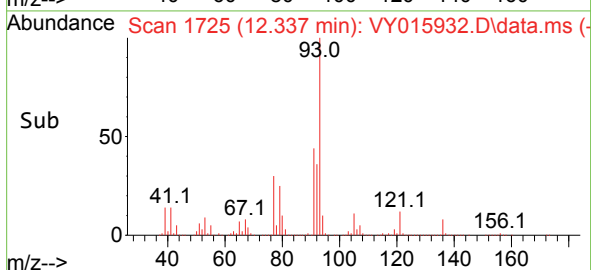
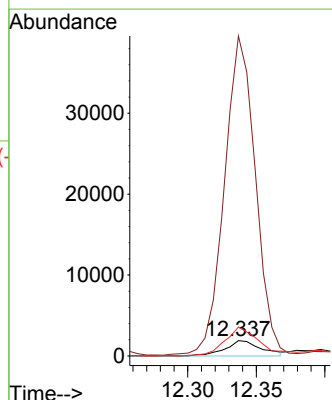
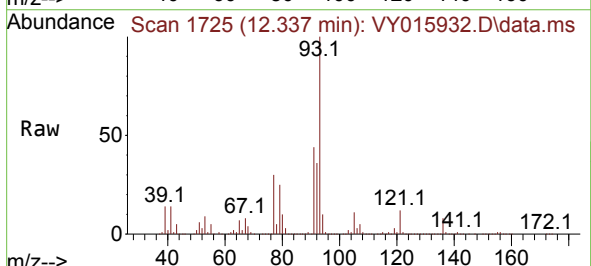
Tgt Ion: 75 Resp: 3445

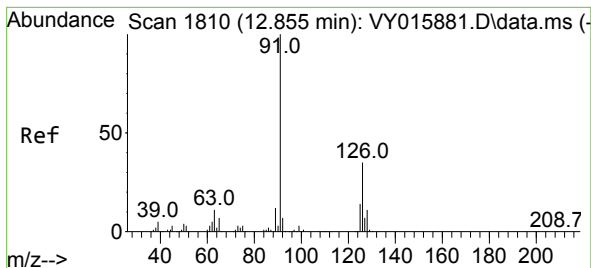
Ion Ratio Lower Upper

75 100

53 1802.7 77.8 116.8#

89 188.0 37.4 56.0#

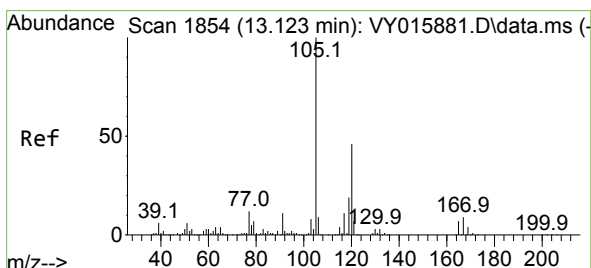
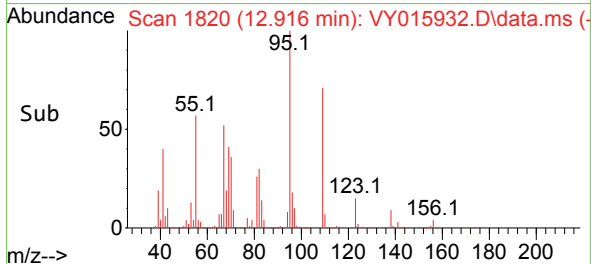
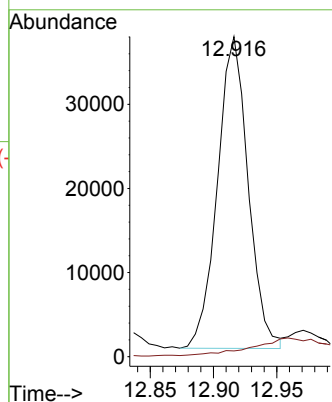
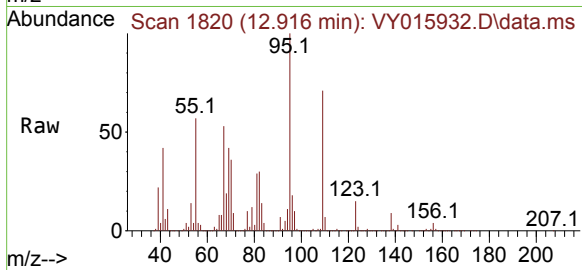




#82  
4-Chlorotoluene  
Concen: 13.111 ug/l  
RT: 12.916 min Scan# 1820  
Delta R.T. 0.061 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29

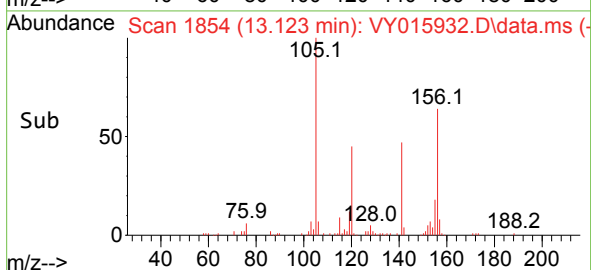
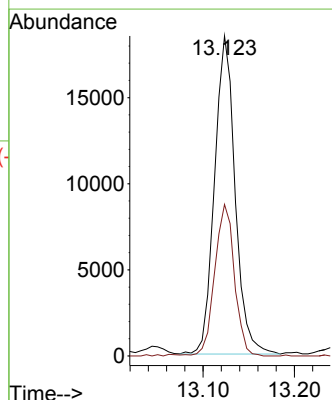
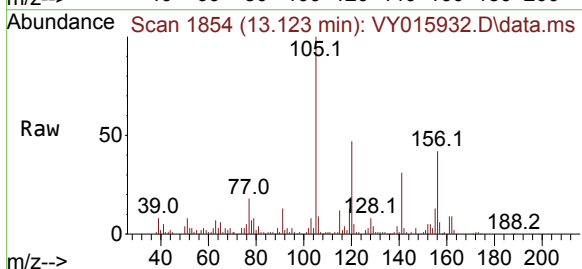
Instrument :  
MSVOA\_Y  
ClientSampleId :

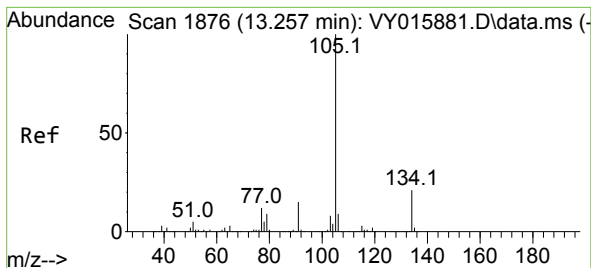
Tgt Ion: 91 Resp: 62554  
Ion Ratio Lower Upper  
91 100  
126 0.0 17.2 51.6#



#84  
1,2,4-Trimethylbenzene  
Concen: 5.213 ug/l  
RT: 13.123 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: VY015932.D  
Acq: 11 Oct 2023 18:29

Tgt Ion: 105 Resp: 28917  
Ion Ratio Lower Upper  
105 100  
120 0.0 22.2 66.6#





#85

sec-Butylbenzene

Concen: 26.571 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.116 min

Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

Instrument :

MSVOA\_Y

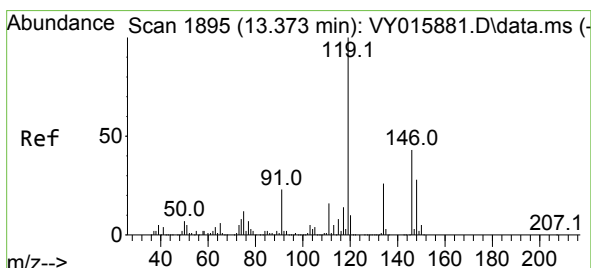
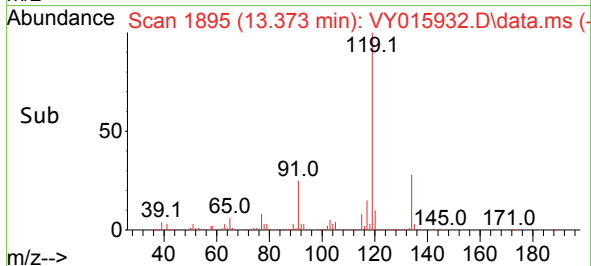
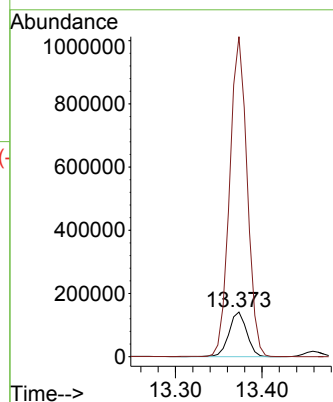
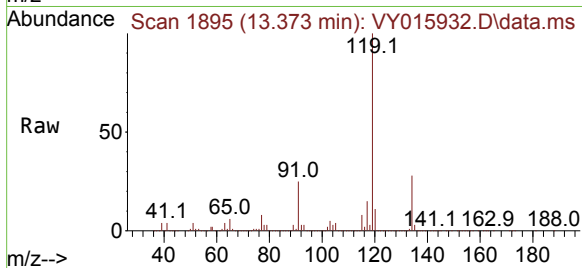
ClientSampleId :

Tgt Ion:105 Resp: 200328

Ion Ratio Lower Upper

105 100

134 708.7 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 835.967 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

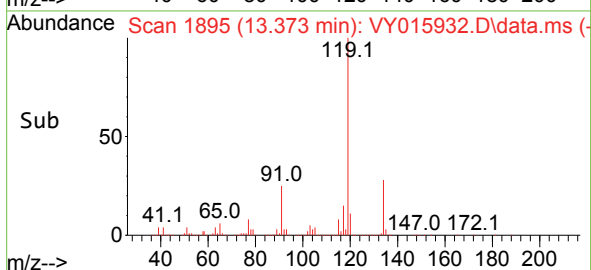
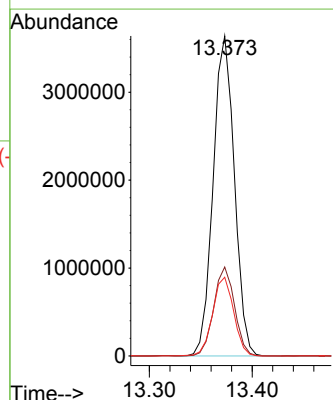
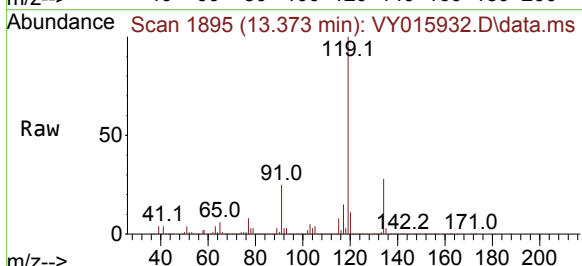
Tgt Ion:119 Resp: 5213877

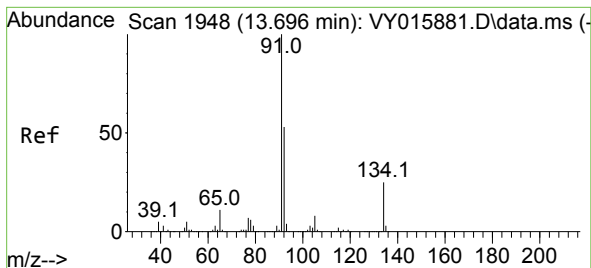
Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.8

91 24.4 12.4 37.4





#89

n-Butylbenzene

Concen: 4.203 ug/l

RT: 13.629 min Scan# 1948

Delta R.T. -0.067 min

Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

Instrument :

MSVOA\_Y

ClientSampleId :

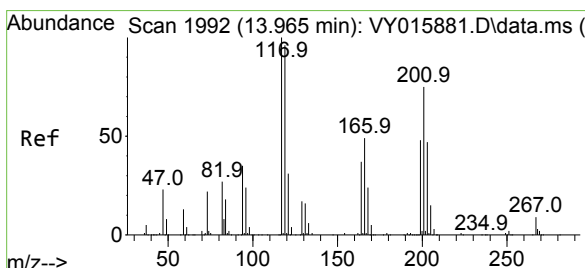
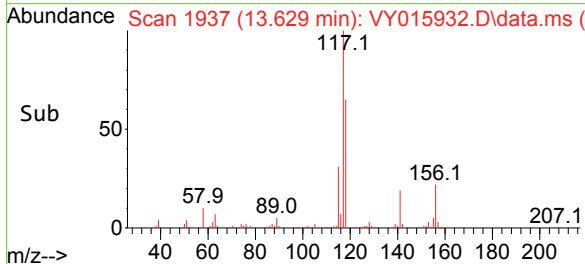
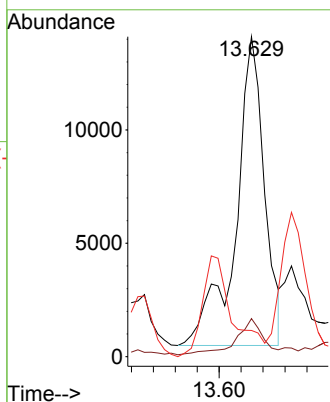
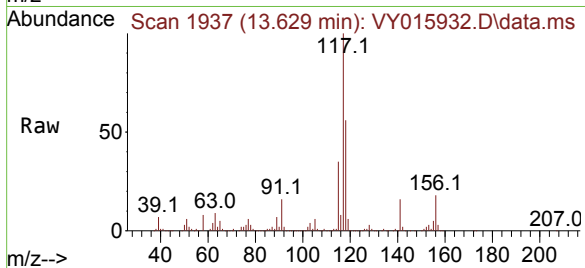
Tgt Ion: 91 Resp: 24805

Ion Ratio Lower Upper

91 100

92 11.1 25.4 76.0#

134 0.0 12.6 37.6#



#90

Hexachloroethane

Concen: 3.387 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY015932.D

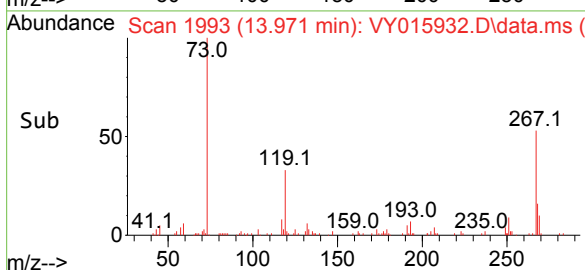
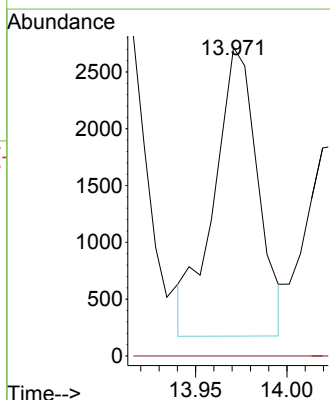
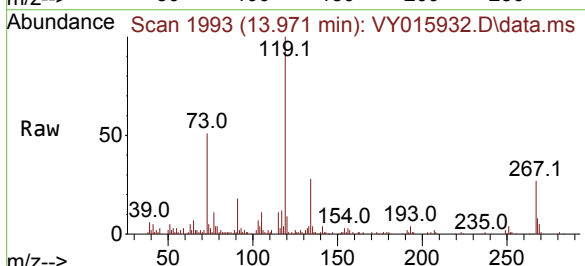
Acq: 11 Oct 2023 18:29

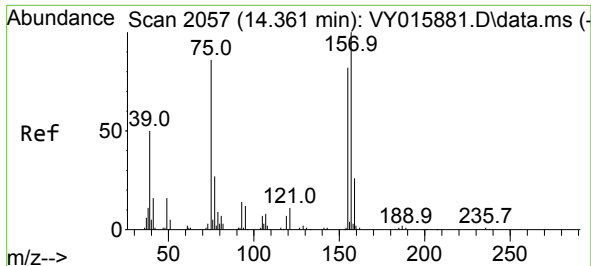
Tgt Ion: 117 Resp: 4239

Ion Ratio Lower Upper

117 100

201 0.0 41.6 124.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 25.329 ug/l

RT: 14.276 min Scan# 2057

Delta R.T. -0.085 min

Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

Instrument :

MSVOA\_Y

ClientSampleId :

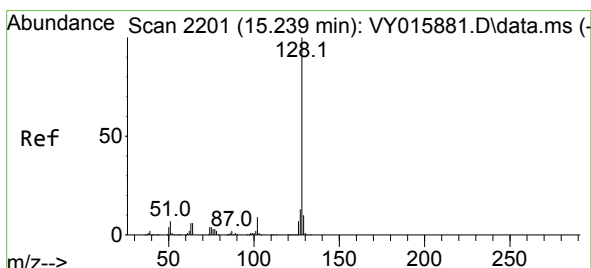
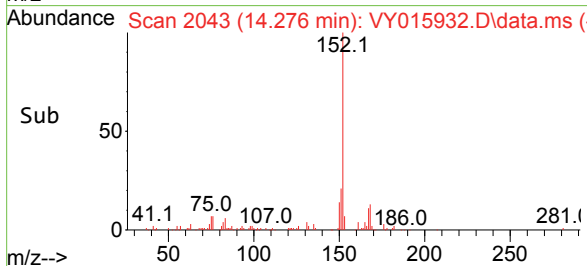
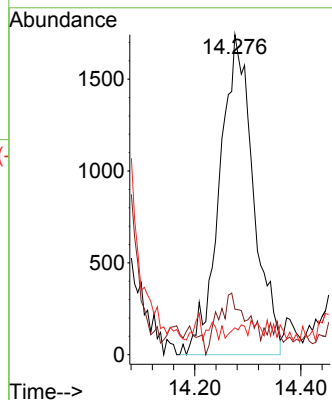
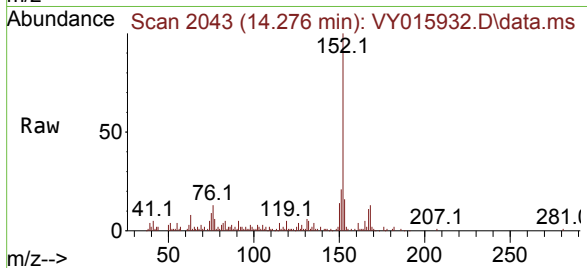
Tgt Ion: 75 Resp: 7709

Ion Ratio Lower Upper

75 100

155 16.4 41.5 124.6#

157 1.3 51.8 155.5#



#95

Naphthalene

Concen: 199.371 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY015932.D

Acq: 11 Oct 2023 18:29

Tgt Ion:128 Resp: 906571

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.2 8.6 13.0

