

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051123\  
 Data File : VY013720.D  
 Acq On : 11 May 2023 16:58  
 Operator : KP/MD  
 Sample : 02747-02  
 Misc : 6.02g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-03-10-12-20230510

Quant Time: May 12 04:45:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042423S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 02:39:58 2023  
 Response via : Initial Calibration

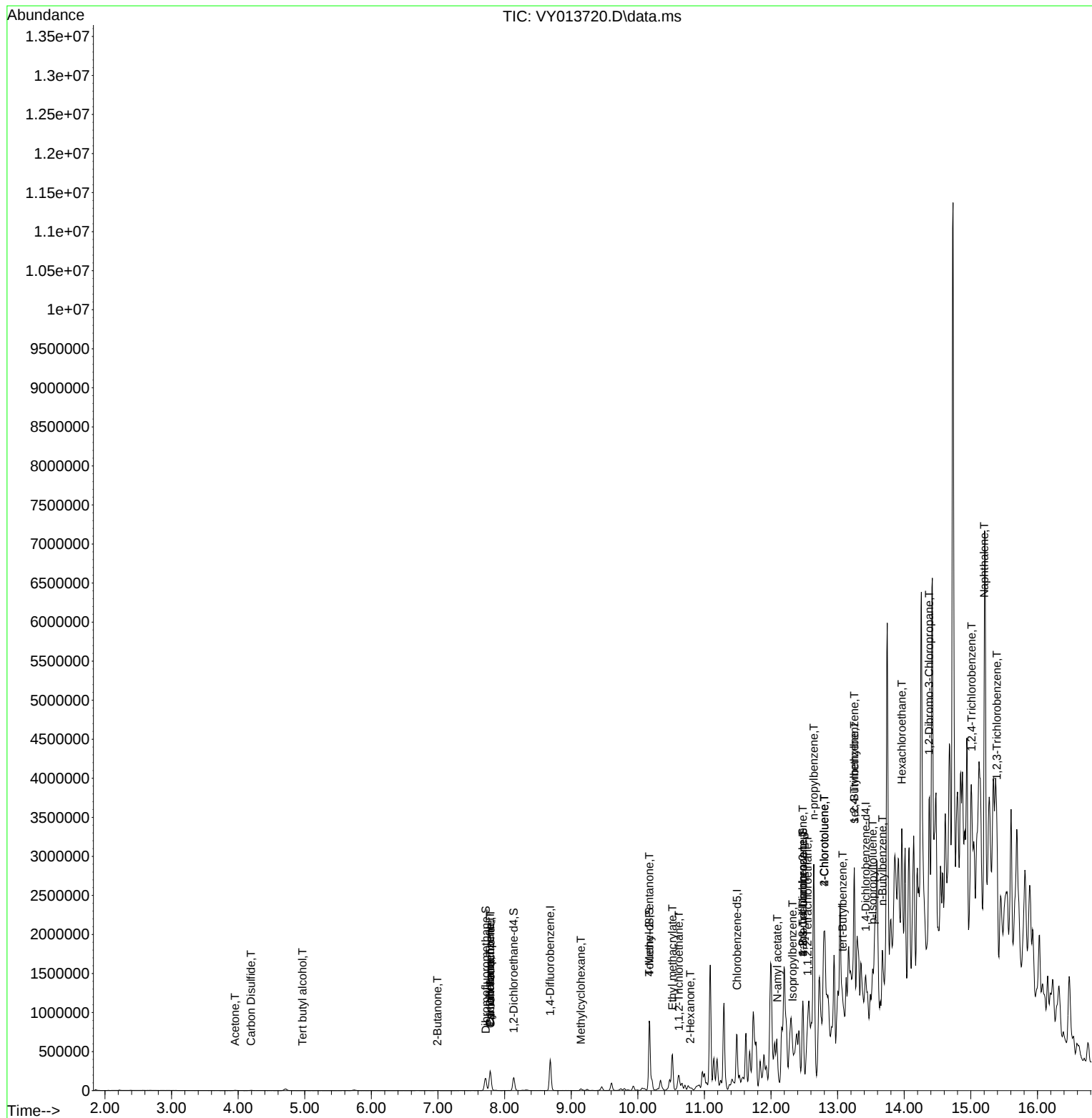
| Compound                      | R.T.           | QIon | Response             | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|-----------|--------|----------|
| -----                         |                |      |                      |           |        |          |
| Internal Standards            |                |      |                      |           |        |          |
| 1) Pentafluorobenzene         | 7.783          | 168  | 188877               | 50.000    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.685          | 114  | 320791               | 50.000    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.490         | 117  | 330602               | 50.000    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.422         | 152  | 172391               | 50.000    | ug/l   | 0.00     |
|                               |                |      |                      |           |        |          |
| System Monitoring Compounds   |                |      |                      |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.136          | 65   | 134465               | 64.943    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 50 - 163 |      | Recovery = 129.880%  |           |        |          |
| 35) Dibromofluoromethane      | 7.716          | 113  | 110394               | 54.715    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 54 - 147 |      | Recovery = 109.420%  |           |        |          |
| 50) Toluene-d8                | 10.173         | 98   | 428582               | 59.712    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 134 |      | Recovery = 119.420%  |           |        |          |
| 62) 4-Bromofluorobenzene      | 12.477         | 95   | 208361               | 86.109    | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 30 - 143 |      | Recovery = 172.220%# |           |        |          |
|                               |                |      |                      |           |        |          |
| Target Compounds              |                |      |                      |           |        | Qvalue   |
| 11) Tert butyl alcohol        | 4.966          | 59   | 150                  | 1.291     | ug/l # | 89       |
| 13) Acrolein                  | 3.662          | 56   | 20                   | Below Cal | #      | 16       |
| 16) Acetone                   | 3.954          | 43   | 8496                 | 10.420    | ug/l   | 96       |
| 17) Carbon Disulfide          | 4.192          | 76   | 6652                 | 1.043     | ug/l # | 89       |
| 20) Methylene Chloride        | 4.716          | 84   | 15134                | Below Cal |        | 89       |
| 25) 2-Butanone                | 6.990          | 43   | 1666                 | 1.611     | ug/l # | 47       |
| 31) Cyclohexane               | 7.783          | 56   | 4565                 | 1.231     | ug/l # | 44       |
| 36) 1,1-Dichloropropene       | 7.783          | 75   | 14485                | 4.326     | ug/l # | 49       |
| 38) Carbon Tetrachloride      | 7.789          | 117  | 18842                | 5.369     | ug/l # | 15       |
| 39) Methylcyclohexane         | 9.149          | 83   | 4689                 | 1.188     | ug/l # | 20       |
| 51) 4-Methyl-2-Pentanone      | 10.173         | 43   | 9412                 | 3.971     | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.618         | 97   | 61689                | 31.568    | ug/l # | 22       |
| 56) Ethyl methacrylate        | 10.520         | 69   | 41880                | 15.447    | ug/l # | 1        |
| 59) 2-Hexanone                | 10.788         | 43   | 14057                | 8.159     | ug/l # | 36       |
| 73) Isopropylbenzene          | 12.325         | 105  | 13288                | 1.019     | ug/l   | 92       |
| 74) N-amyl acetate            | 12.093         | 43   | 40568                | 8.743     | ug/l # | 1        |
| 75) 1,1,2,2-Tetrachloroethane | 12.550         | 83   | 55331                | 17.361    | ug/l # | 26       |
| 76) 1,2,3-Trichloropropane    | 12.477         | 75   | 78670                | 33.838    | ug/l # | 100      |
| 78) n-propylbenzene           | 12.642         | 91   | 22108                | 1.377     | ug/l # | 53       |
| 79) 2-Chlorotoluene           | 12.800         | 91   | 19949                | 2.224     | ug/l   | 90       |
| 81) trans-1,4-Dichloro-2-b... | 12.477         | 75   | 78670                | 69.217    | ug/l # | 29       |
| 82) 4-Chlorotoluene           | 12.800         | 91   | 18360                | 1.964     | ug/l   | 84       |
| 83) tert-Butylbenzene         | 13.075         | 119  | 65125                | 7.063     | ug/l   | 75       |
| 84) 1,2,4-Trimethylbenzene    | 13.251         | 105  | 907429               | 87.700    | ug/l # | 32       |
| 85) sec-Butylbenzene          | 13.251         | 105  | 907429               | 65.576    | ug/l   | 91       |
| 86) p-Isopropyltoluene        | 13.526         | 119  | 191709               | 17.228    | ug/l   | 89       |
| 89) n-Butylbenzene            | 13.672         | 91   | 79945                | 7.361     | ug/l # | 1        |
| 90) Hexachloroethane          | 13.965         | 117  | 20877                | 8.914     | ug/l # | 8        |
| 92) 1,2-Dibromo-3-Chloropr... | 14.373         | 75   | 7058                 | 12.539    | ug/l # | 6        |
| 93) 1,2,4-Trichlorobenzene    | 15.013         | 180  | 4650                 | 1.435     | ug/l # | 1        |
| 95) Naphthalene               | 15.202         | 128  | 67806                | 9.643     | ug/l # | 1        |
| 96) 1,2,3-Trichlorobenzene    | 15.391         | 180  | 18975                | 6.569     | ug/l # | 1        |
| -----                         |                |      |                      |           |        |          |

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

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Sample : 02747-02  
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ALS Vial : 19 Sample Multiplier: 1

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SB-03-10-12-20230510

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Quant Title : SW846 8260  
QLast Update : Tue Apr 25 02:39:58 2023  
Response via : Initial Calibration

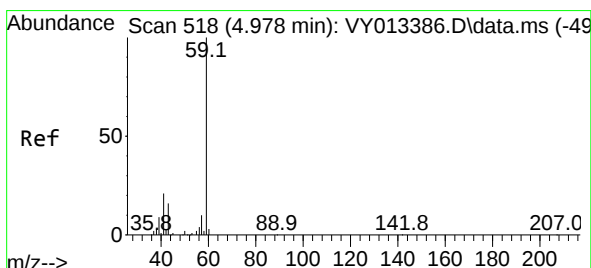
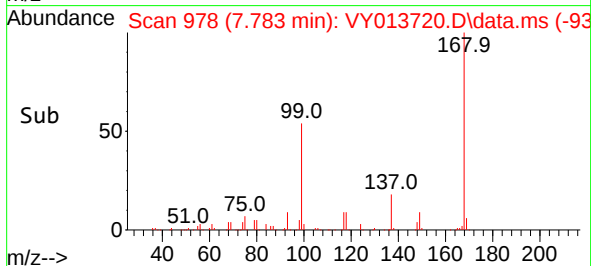
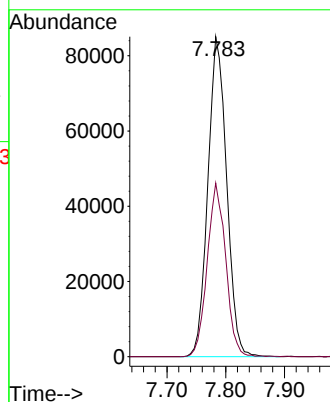
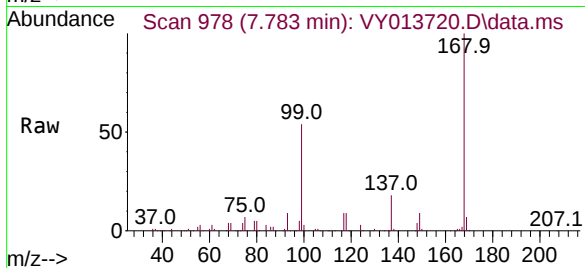




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

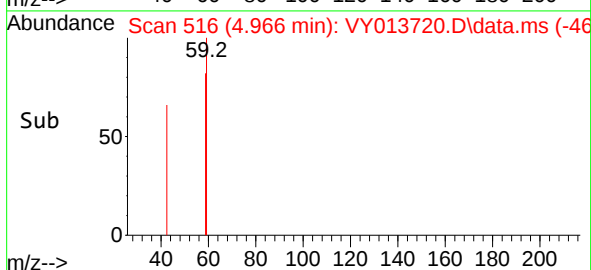
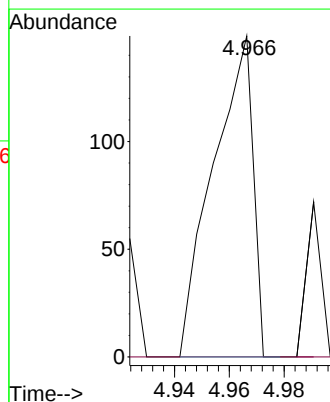
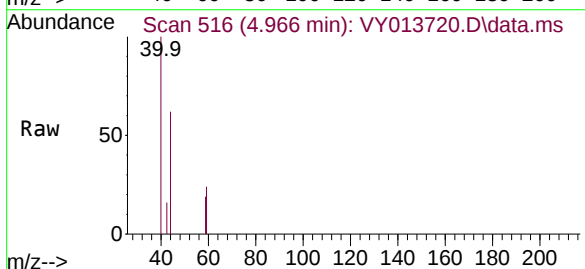
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-10-12-20230510

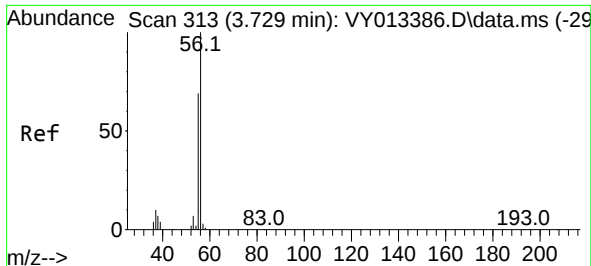
Tgt Ion:168 Resp: 188877  
Ion Ratio Lower Upper  
168 100  
99 54.3 41.8 62.6



#11  
Tert butyl alcohol  
Concen: 1.291 ug/l  
RT: 4.966 min Scan# 516  
Delta R.T. -0.012 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

Tgt Ion: 59 Resp: 150  
Ion Ratio Lower Upper  
59 100  
57 0.0 3.0 4.4#





#13

Acrolein

Concen: Below Cal

RT: 3.662 min Scan# 302

Delta R.T. -0.067 min

Lab File: VY013720.D

Acq: 11 May 2023 16:58

Instrument :

MSVOA\_Y

ClientSampleId :

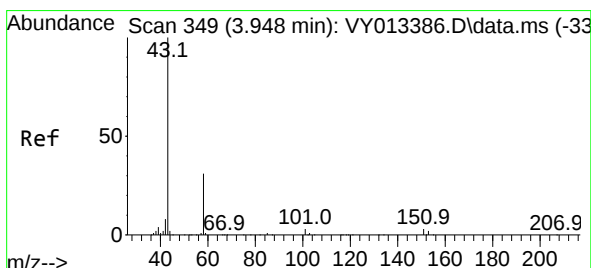
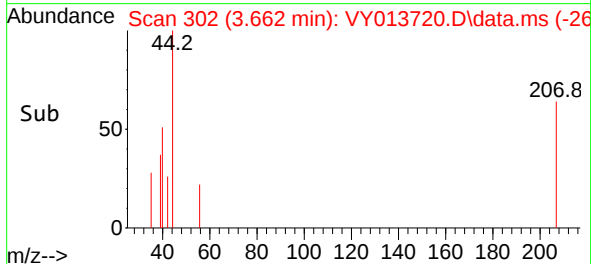
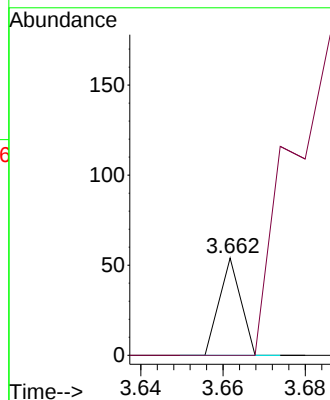
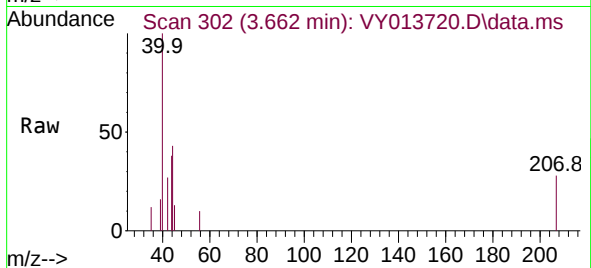
SB-03-10-12-20230510

Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 0.0 54.1 81.1#



#16

Acetone

Concen: 10.420 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY013720.D

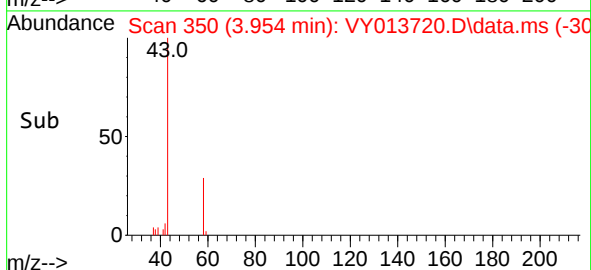
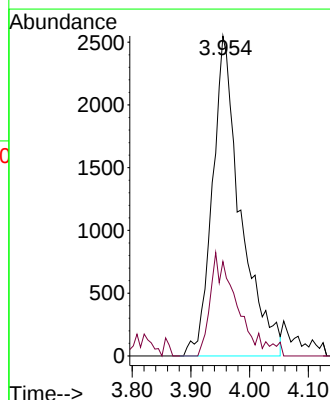
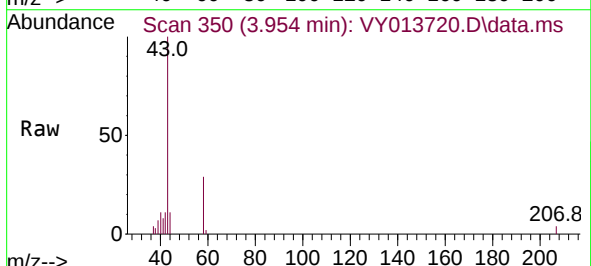
Acq: 11 May 2023 16:58

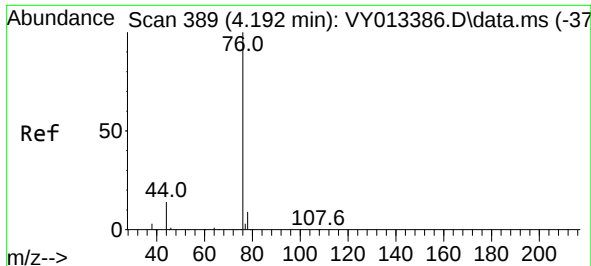
Tgt Ion: 43 Resp: 8496

Ion Ratio Lower Upper

43 100

58 29.5 25.4 38.0





#17

Carbon Disulfide

Concen: 1.043 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY013720.D

Acq: 11 May 2023 16:58

Instrument :

MSVOA\_Y

ClientSampleId :

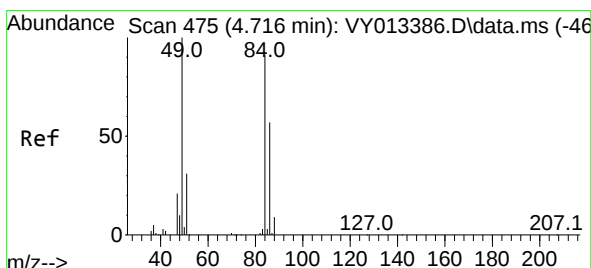
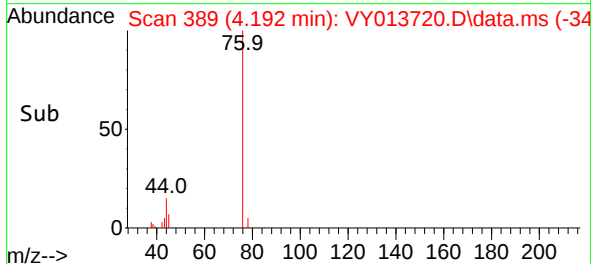
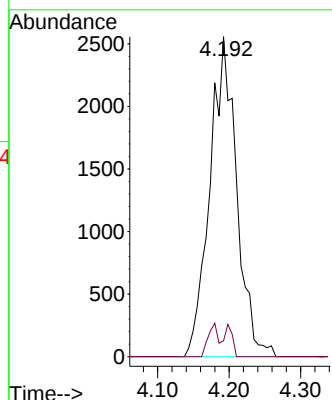
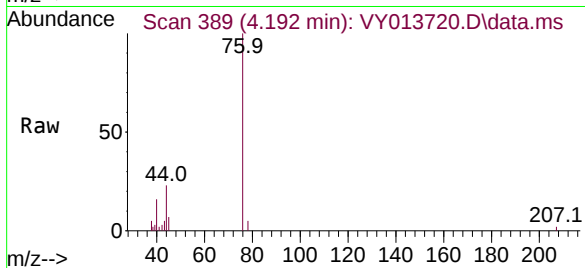
SB-03-10-12-20230510

Tgt Ion: 76 Resp: 6652

Ion Ratio Lower Upper

76 100

78 5.0 7.2 10.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013720.D

Acq: 11 May 2023 16:58

Tgt Ion: 84 Resp: 15134

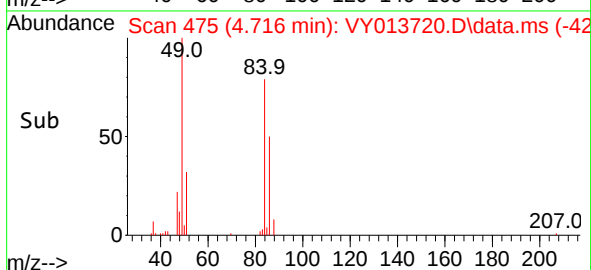
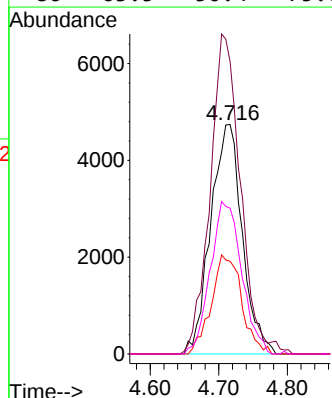
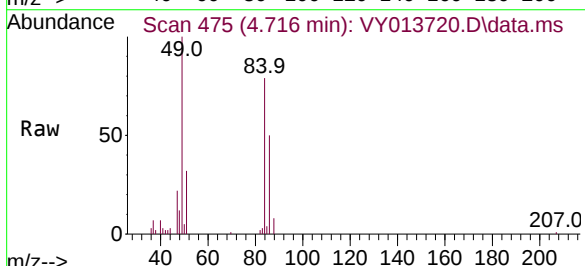
Ion Ratio Lower Upper

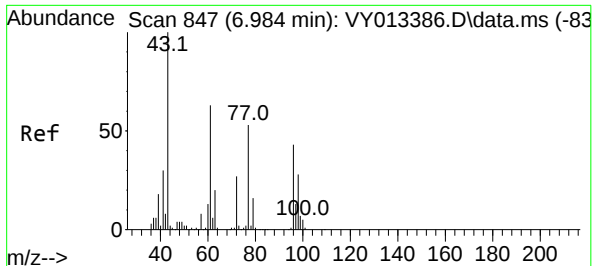
84 100

49 127.4 88.0 132.0

51 40.4 27.4 41.0

86 63.5 50.4 75.6





#25

2-Butanone

Concen: 1.611 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY013720.D

Acq: 11 May 2023 16:58

Instrument :

MSVOA\_Y

ClientSampleId :

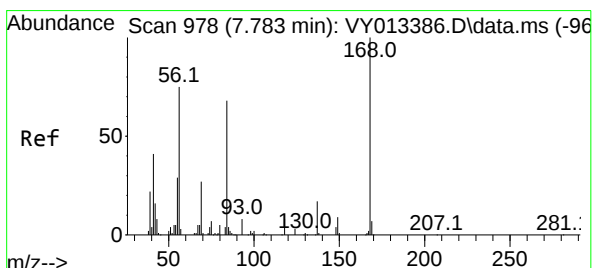
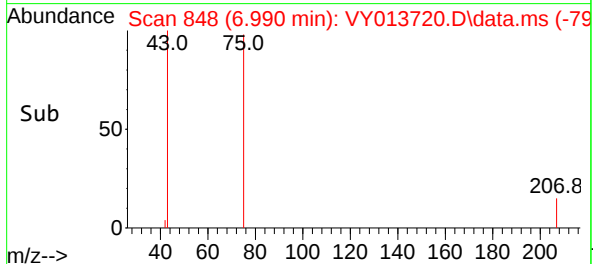
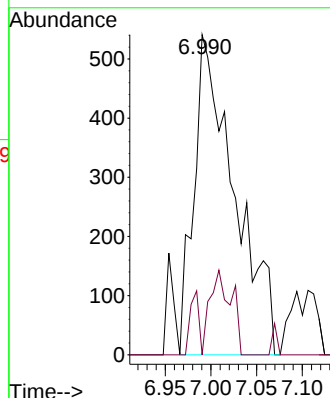
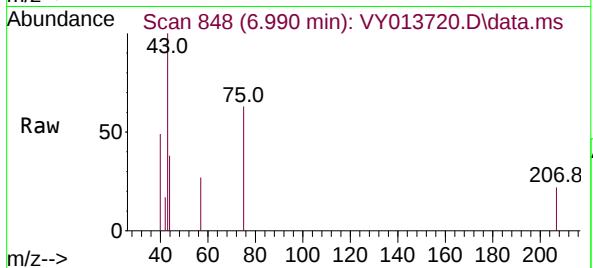
SB-03-10-12-20230510

Tgt Ion: 43 Resp: 1666

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



#31

Cyclohexane

Concen: 1.231 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY013720.D

Acq: 11 May 2023 16:58

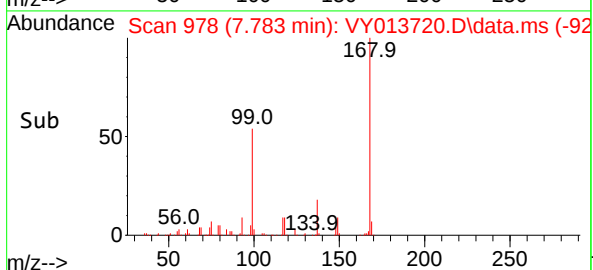
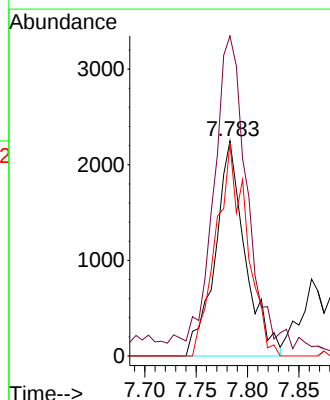
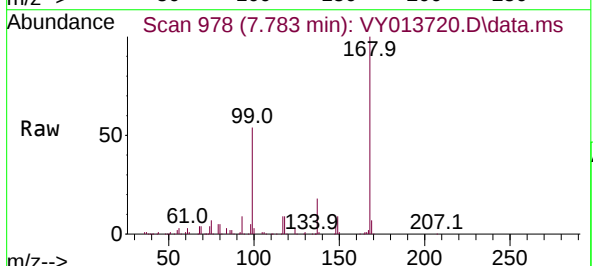
Tgt Ion: 56 Resp: 4565

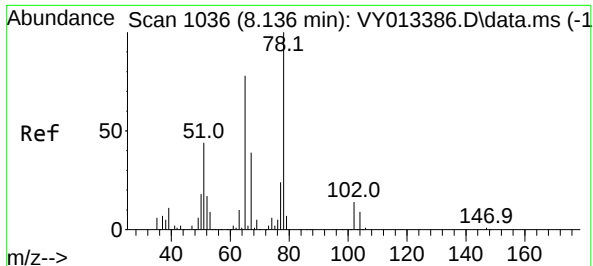
Ion Ratio Lower Upper

56 100

69 140.4 29.2 43.8#

84 99.1 73.0 109.6

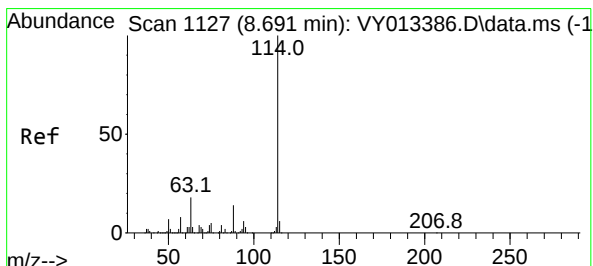
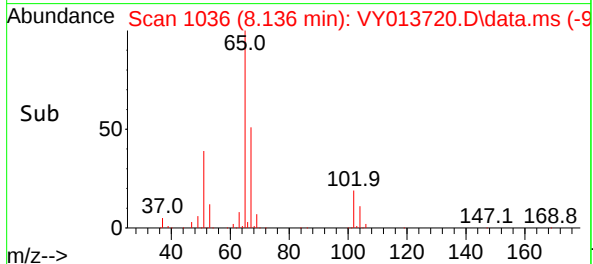
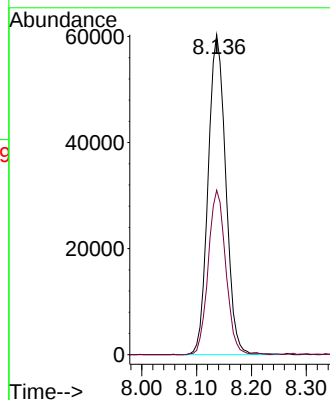
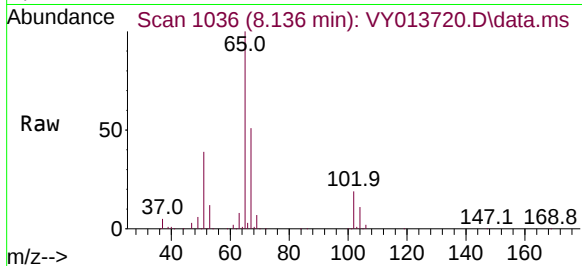




#33  
1,2-Dichloroethane-d4  
Concen: 64.943 ug/l  
RT: 8.136 min Scan# 1036  
Delta R.T. 0.001 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

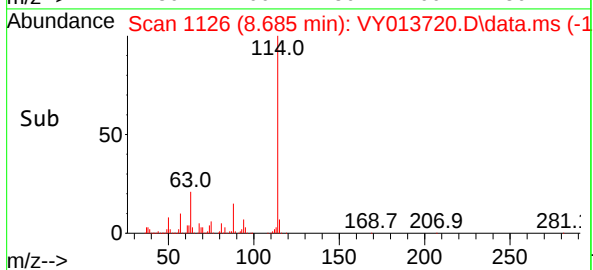
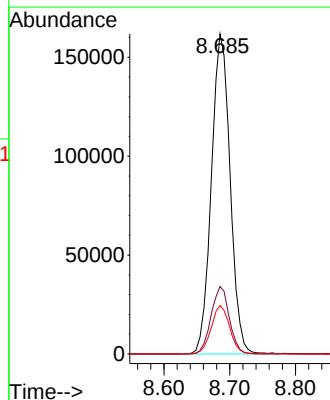
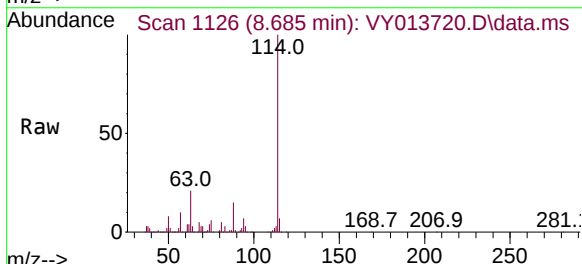
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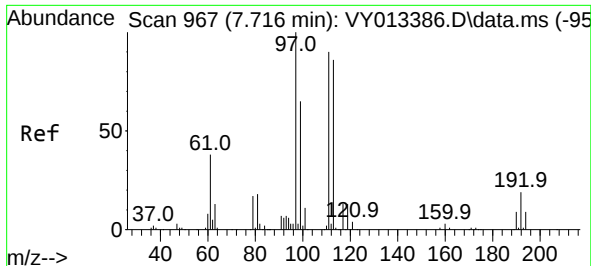
Tgt Ion: 65 Resp: 134465  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 103.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.685 min Scan# 1126  
Delta R.T. -0.006 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

Tgt Ion:114 Resp: 320791  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 36.6  
88 15.2 0.0 28.8

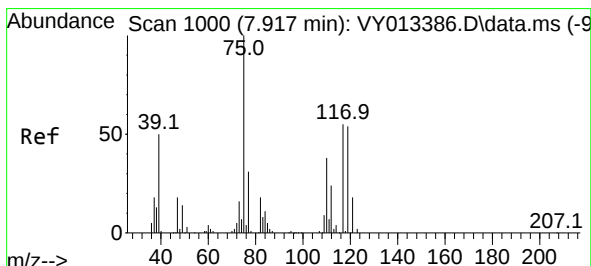
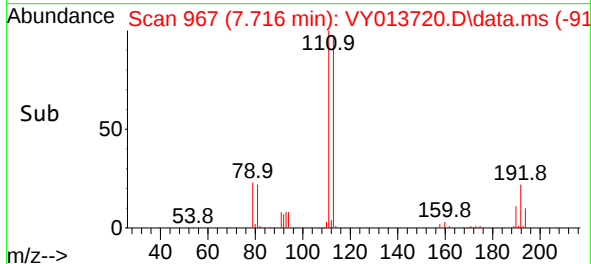
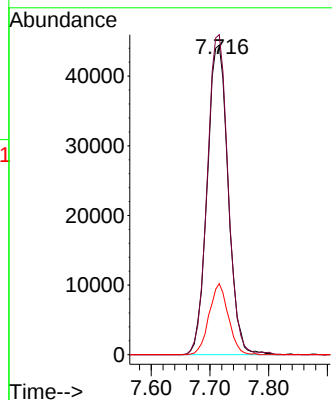
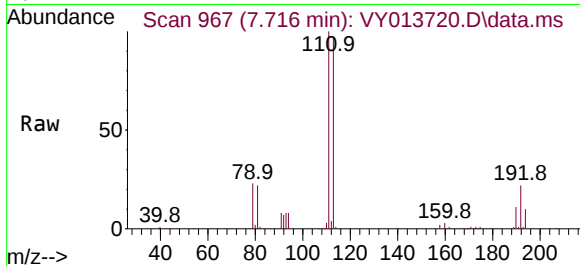




#35  
Dibromofluoromethane  
Concen: 54.715 ug/l  
RT: 7.716 min Scan# 910  
Delta R.T. -0.000 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

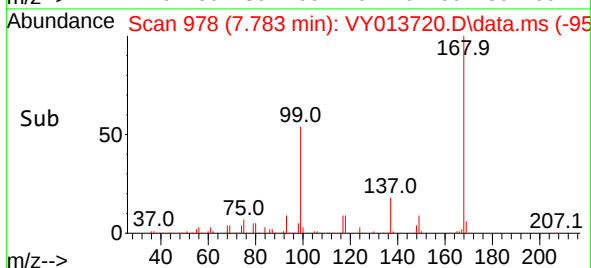
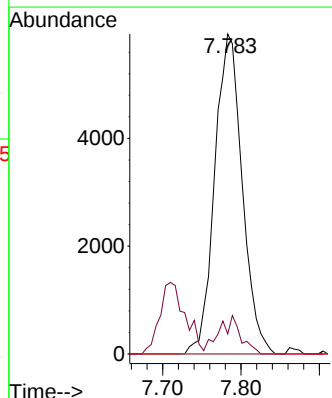
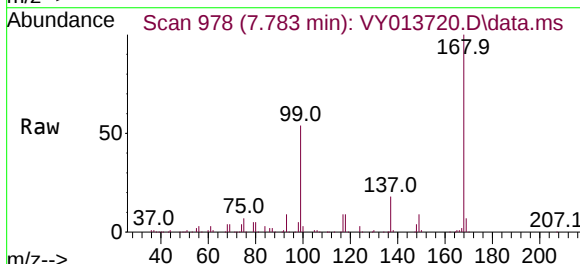
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ClientSampleId :  
SB-03-10-12-20230510

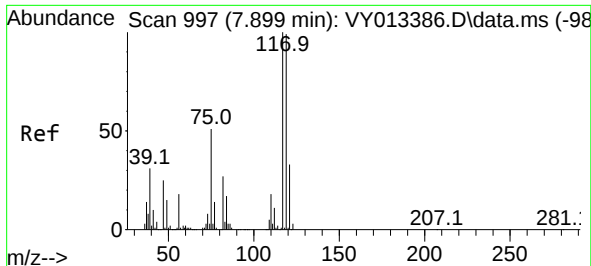
Tgt Ion:113 Resp: 110394  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.2 123.2  
192 21.0 16.7 25.1



#36  
1,1-Dichloropropene  
Concen: 4.326 ug/l  
RT: 7.783 min Scan# 978  
Delta R.T. -0.134 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

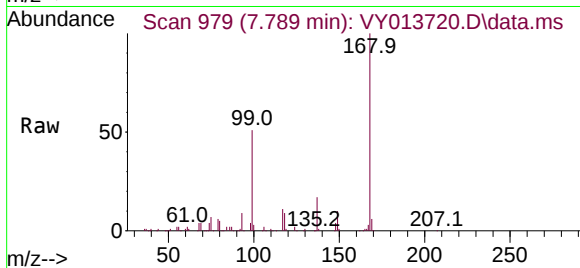
Tgt Ion: 75 Resp: 14485  
Ion Ratio Lower Upper  
75 100  
110 9.4 18.7 56.1#  
77 0.0 24.6 37.0#



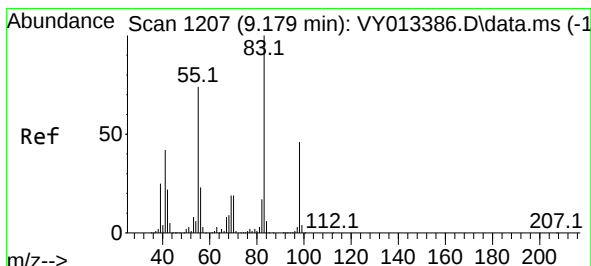
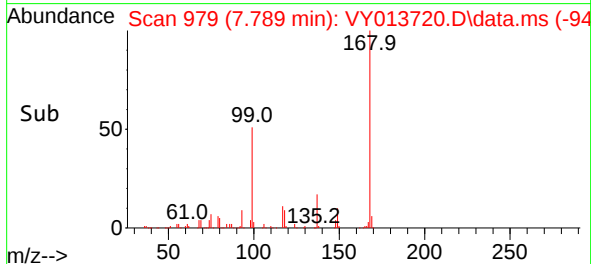
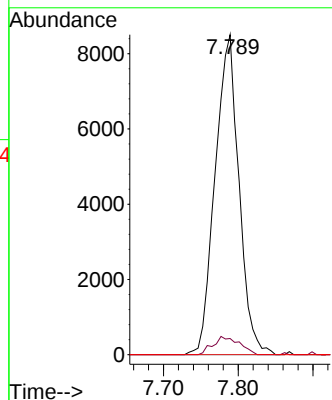


#38  
Carbon Tetrachloride  
Concen: 5.369 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. -0.110 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-10-12-20230510

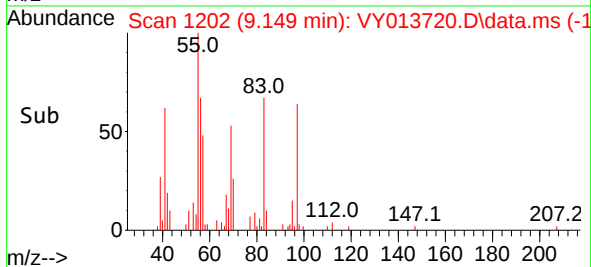
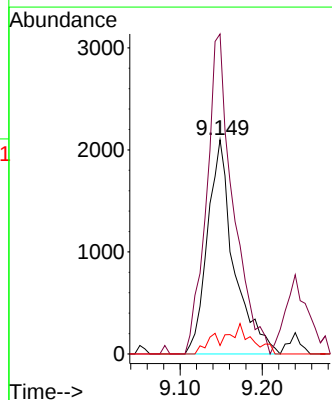
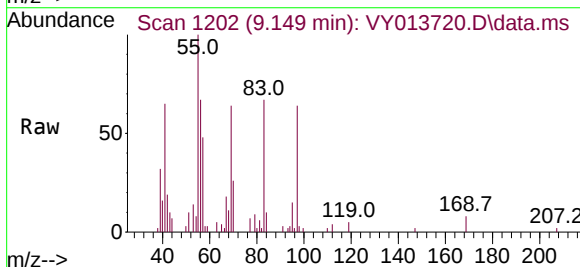


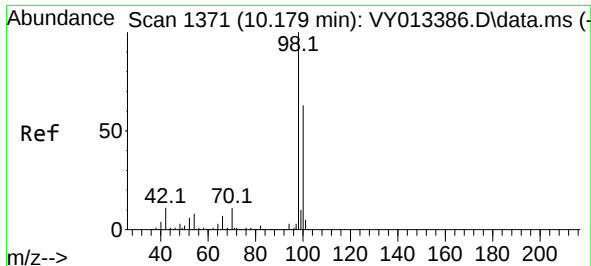
Tgt Ion: 117 Resp: 18842  
Ion Ratio Lower Upper  
117 100  
119 5.0 79.0 118.6#  
121 0.0 26.6 40.0#



#39  
Methylcyclohexane  
Concen: 1.188 ug/l  
RT: 9.149 min Scan# 1202  
Delta R.T. -0.030 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

Tgt Ion: 83 Resp: 4689  
Ion Ratio Lower Upper  
83 100  
55 149.4 59.0 88.4#  
98 4.0 37.0 55.4#

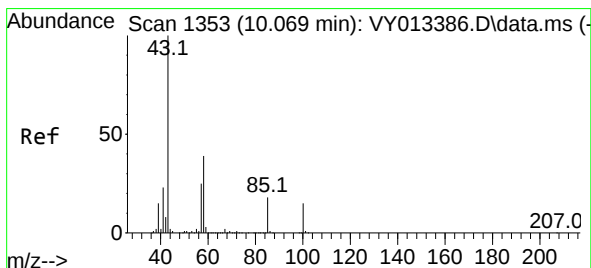
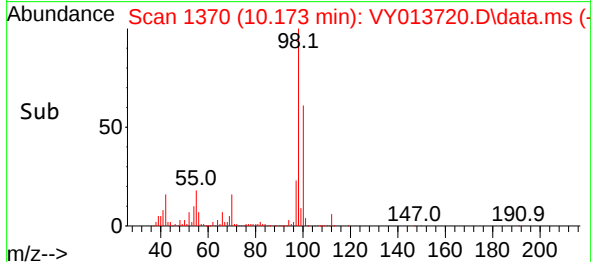
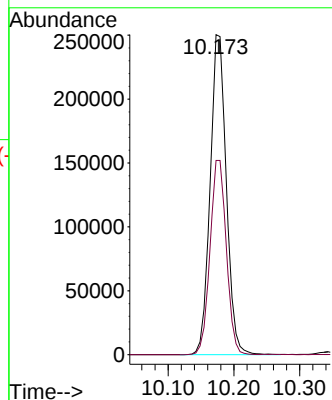
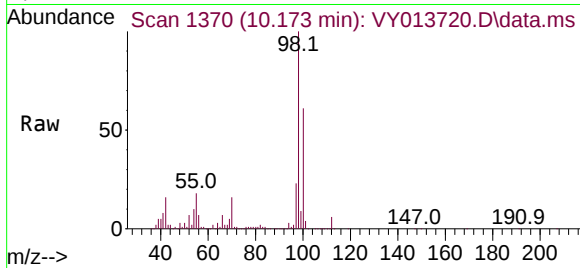




#50  
Toluene-d8  
Concen: 59.712 ug/l  
RT: 10.173 min Scan# 1370  
Delta R.T. -0.006 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

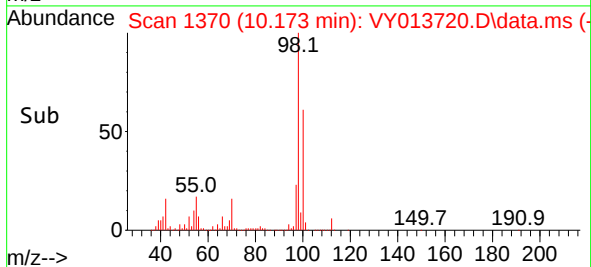
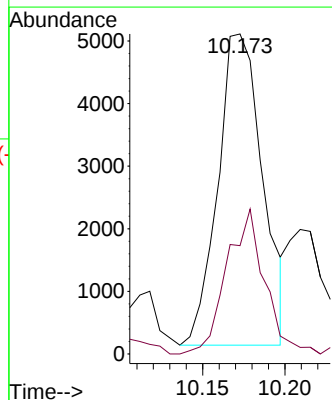
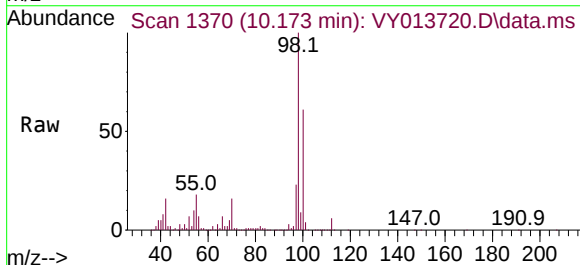
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-10-12-20230510

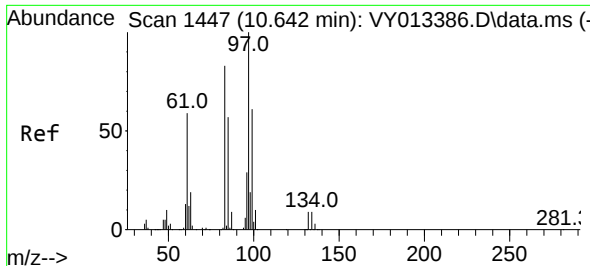
Tgt Ion: 98 Resp: 428582  
Ion Ratio Lower Upper  
98 100  
100 61.2 50.5 75.7



#51  
4-Methyl-2-Pentanone  
Concen: 3.971 ug/l  
RT: 10.173 min Scan# 1370  
Delta R.T. 0.104 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

Tgt Ion: 43 Resp: 9412  
Ion Ratio Lower Upper  
43 100  
58 39.9 30.6 46.0

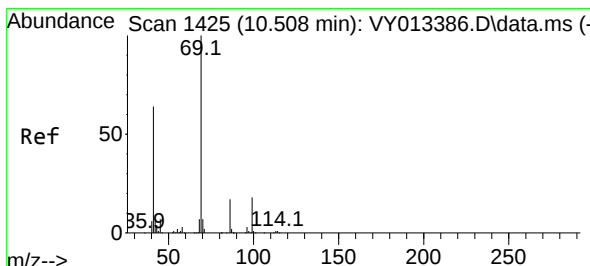
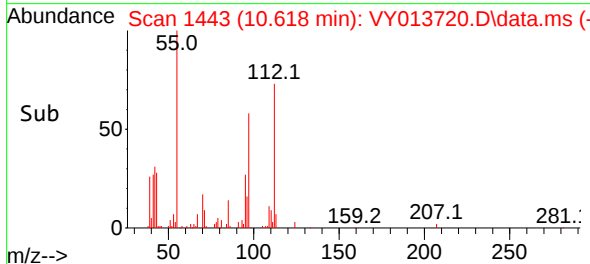
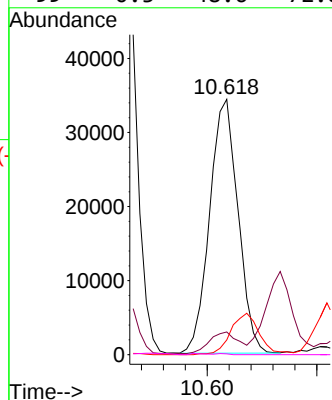
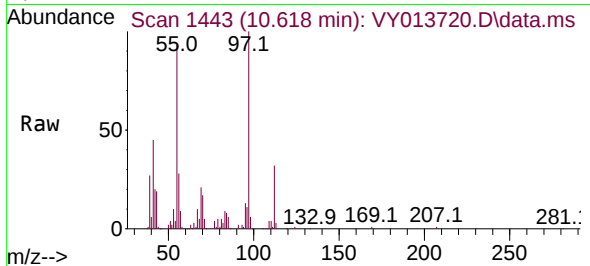




#55  
1,1,2-Trichloroethane  
Concen: 31.568 ug/l  
RT: 10.618 min Scan# 1443  
Delta R.T. -0.024 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

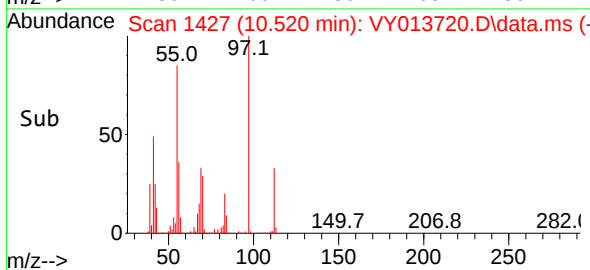
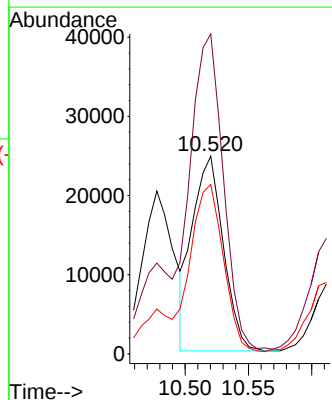
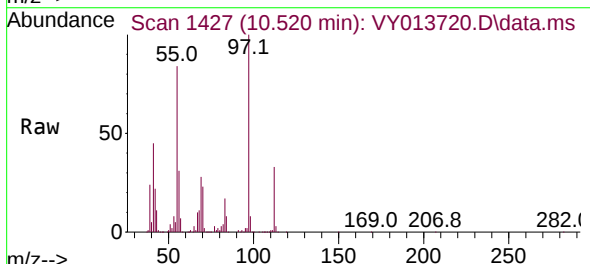
Instrument : MSVOA\_Y  
ClientSampleId : SB-03-10-12-20230510

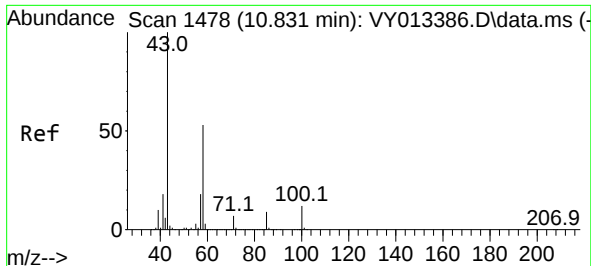
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 61689 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 8.4      | 66.4 99.6#  |
| 85 5.8      | 45.6 68.4#  |
| 99 0.3      | 48.6 72.8#  |



#56  
Ethyl methacrylate  
Concen: 15.447 ug/l  
RT: 10.520 min Scan# 1427  
Delta R.T. 0.012 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 41880 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 172.8    | 51.4 77.0#  |
| 39 90.9     | 29.0 43.6#  |

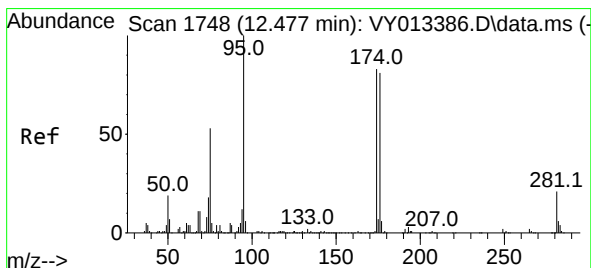
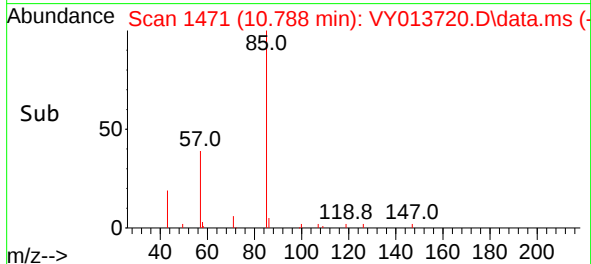
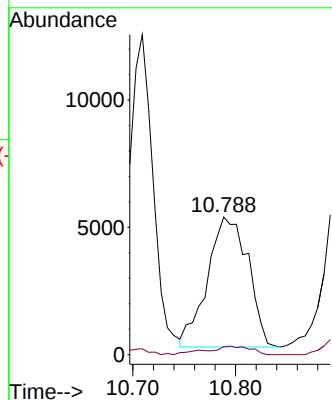
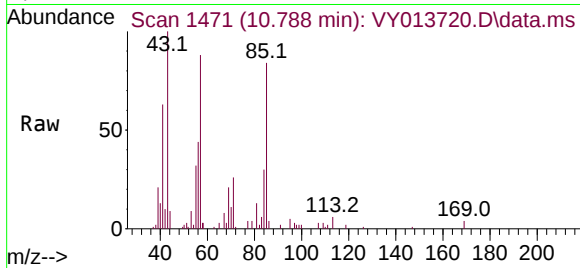




#59  
2-Hexanone  
Concen: 8.159 ug/l  
RT: 10.788 min Scan# 1471  
Delta R.T. -0.043 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

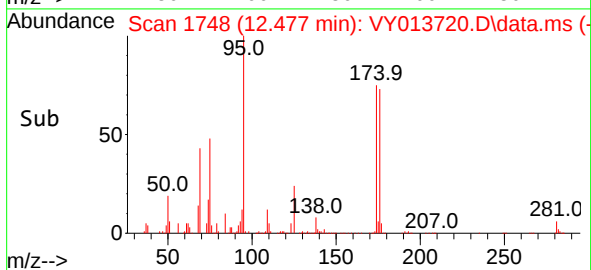
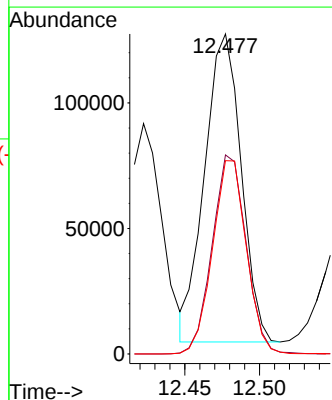
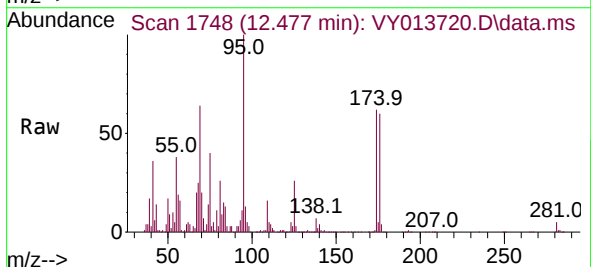
Instrument : MSVOA\_Y  
ClientSampleId : SB-03-10-12-20230510

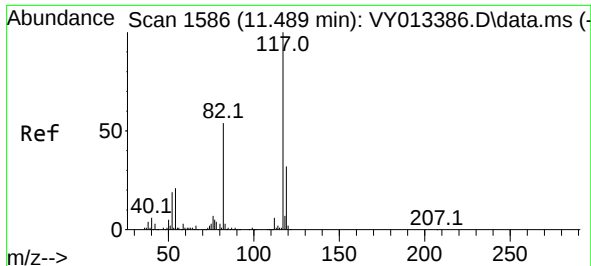
Tgt Ion: 43 Resp: 14057  
Ion Ratio Lower Upper  
43 100  
58 7.1 26.3 78.8#



#62  
4-Bromofluorobenzene  
Concen: 86.109 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

Tgt Ion: 95 Resp: 208361  
Ion Ratio Lower Upper  
95 100  
174 60.1 0.0 182.0  
176 58.4 0.0 175.4

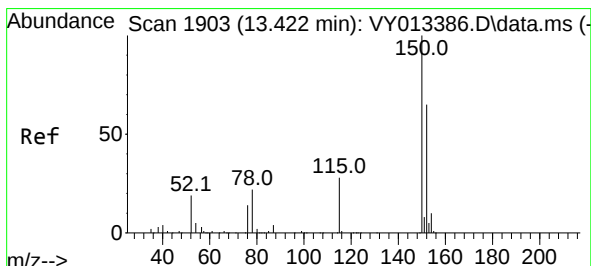
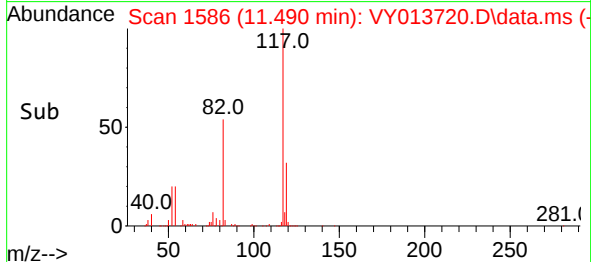
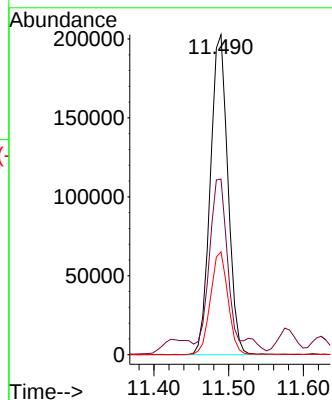
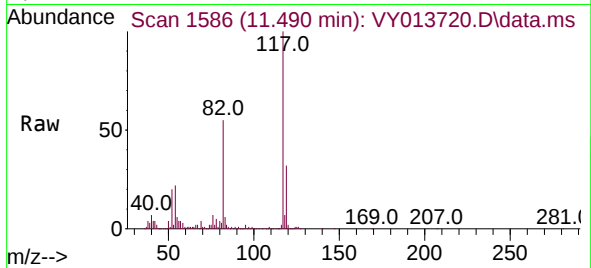




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 117  
Delta R.T. 0.001 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

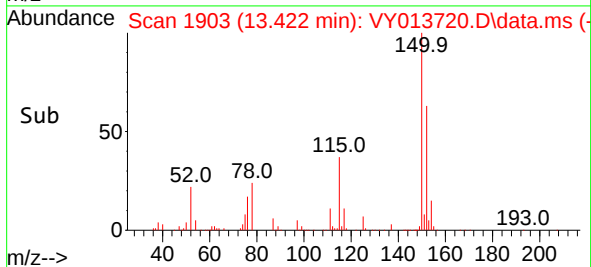
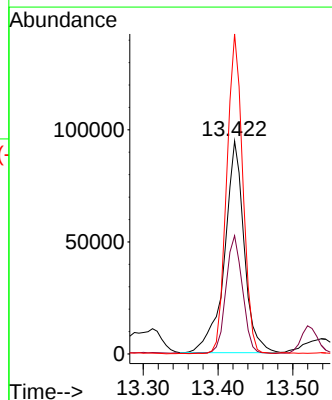
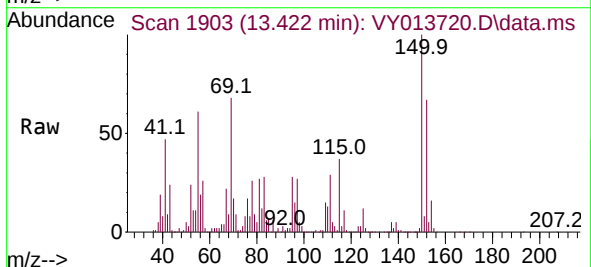
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-10-12-20230510

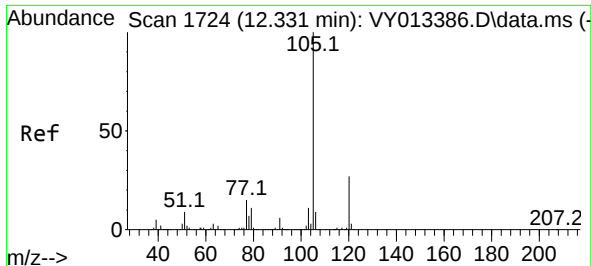
Tgt Ion:117 Resp: 330602  
Ion Ratio Lower Upper  
117 100  
82 50.5 43.0 64.6  
119 32.1 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

Tgt Ion:152 Resp: 172391  
Ion Ratio Lower Upper  
152 100  
115 46.8 28.1 84.2  
150 123.9 0.0 352.0

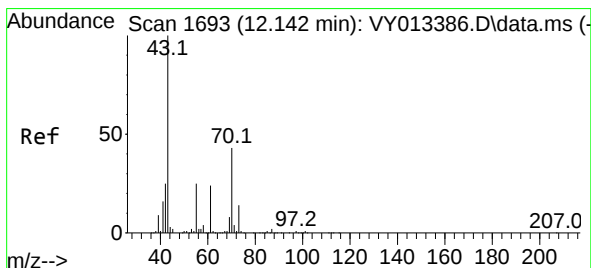
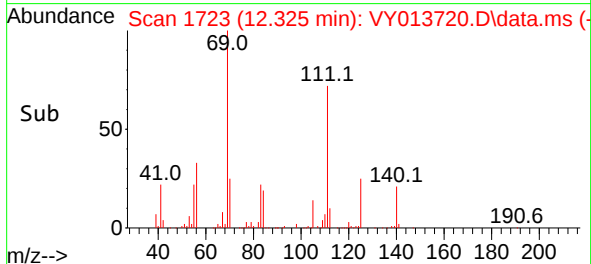
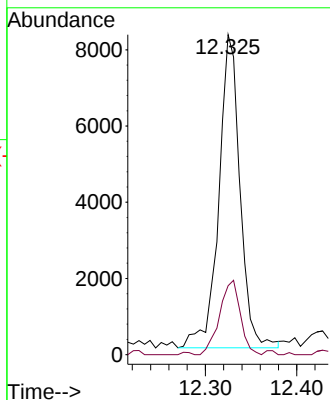
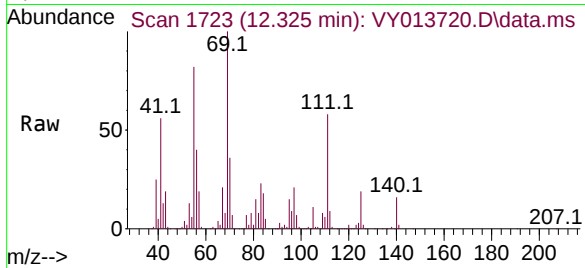




#73  
Isopropylbenzene  
Concen: 1.019 ug/l  
RT: 12.325 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

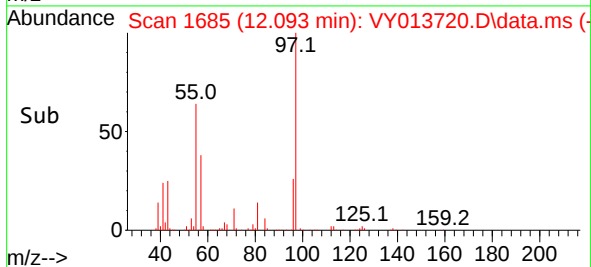
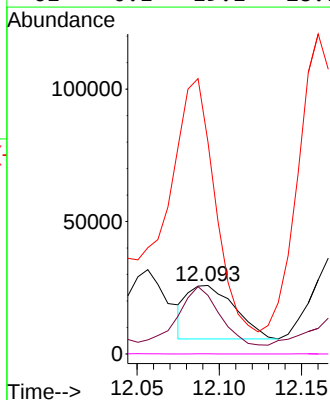
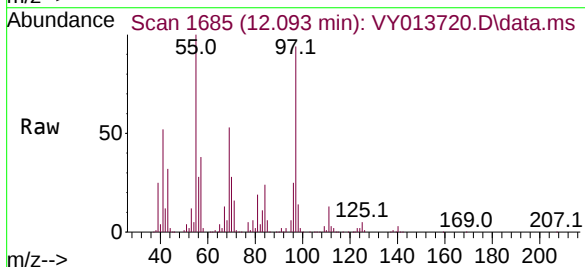
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-10-12-20230510

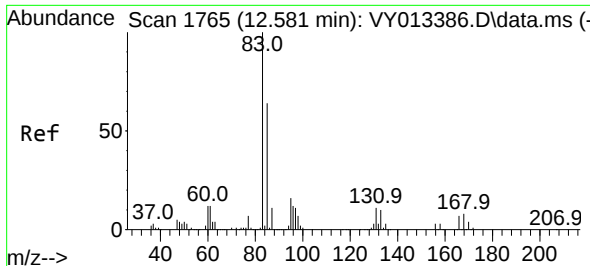
Tgt Ion:105 Resp: 13288  
Ion Ratio Lower Upper  
105 100  
120 23.1 13.7 41.0



#74  
N-ethyl acetate  
Concen: 8.743 ug/l  
RT: 12.093 min Scan# 1685  
Delta R.T. -0.049 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

Tgt Ion: 43 Resp: 40568  
Ion Ratio Lower Upper  
43 100  
70 94.1 33.0 49.4#  
55 461.5 19.8 29.6#  
61 0.1 19.1 28.7#

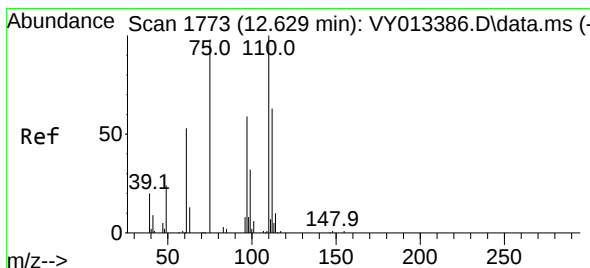
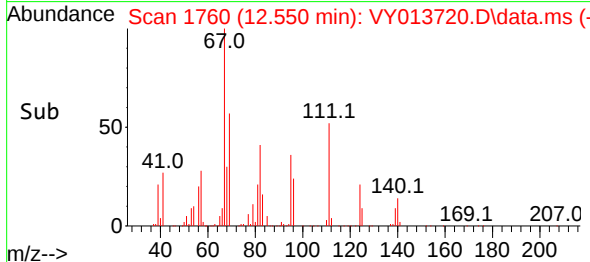
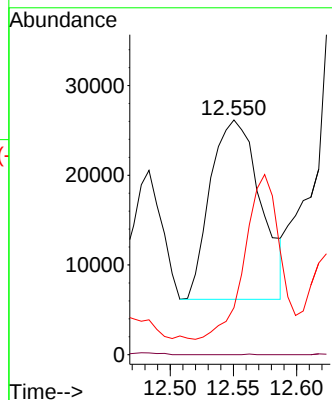
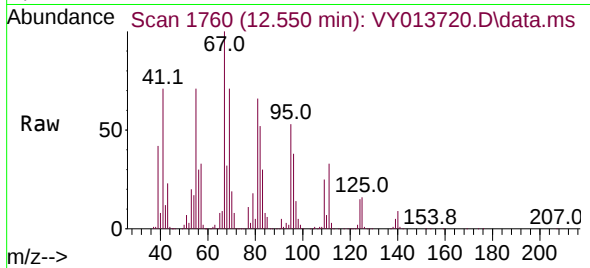




#75  
1,1,2,2-Tetrachloroethane  
Concen: 17.361 ug/l  
RT: 12.550 min Scan# 1748  
Delta R.T. -0.031 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

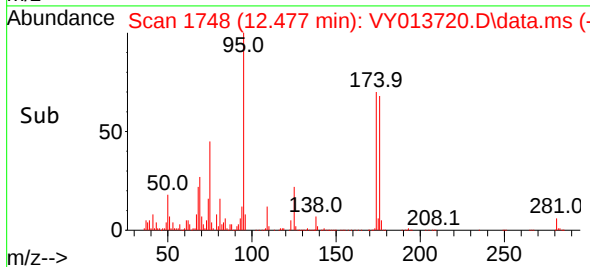
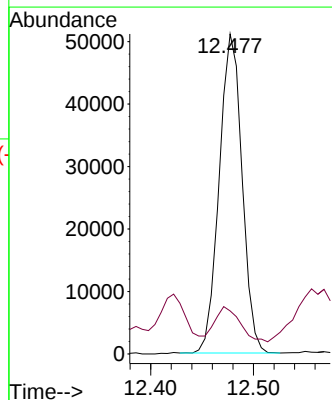
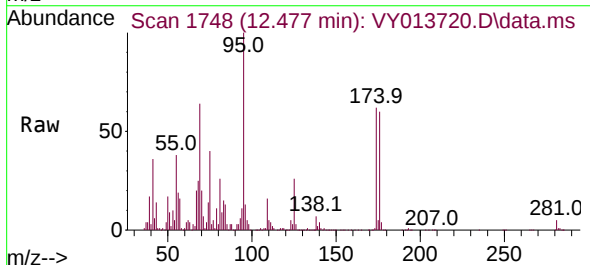
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-10-12-20230510

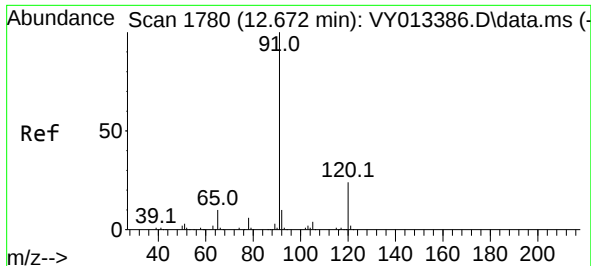
Tgt Ion: 83 Resp: 55331  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.7 17.0#  
85 0.0 31.8 95.4#



#76  
1,2,3-Trichloropropane  
Concen: 33.838 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. -0.152 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

Tgt Ion: 75 Resp: 78670  
Ion Ratio Lower Upper  
75 100  
77 11.8 0.0 0.0#

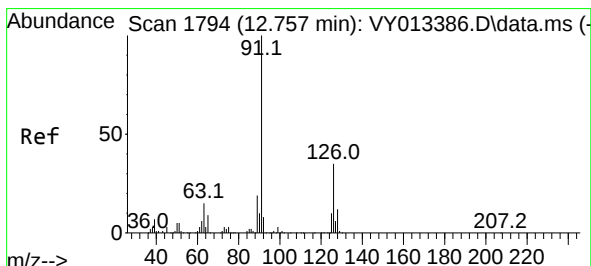
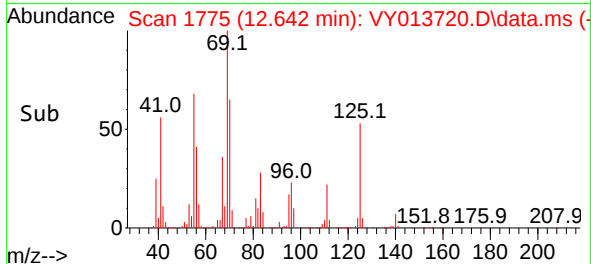
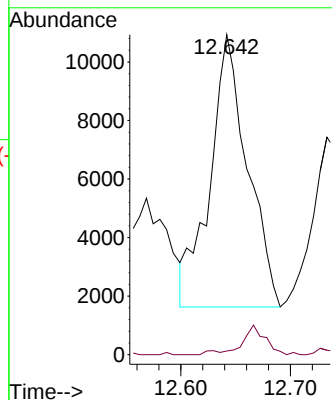
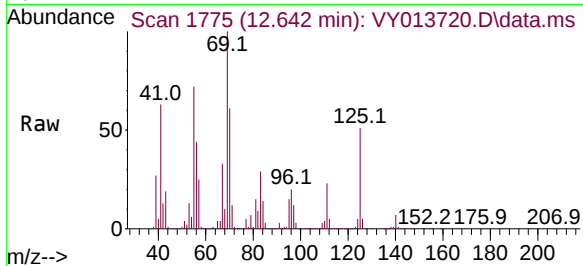




#78  
n-propylbenzene  
Concen: 1.377 ug/l  
RT: 12.642 min Scan# 11  
Delta R.T. -0.030 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

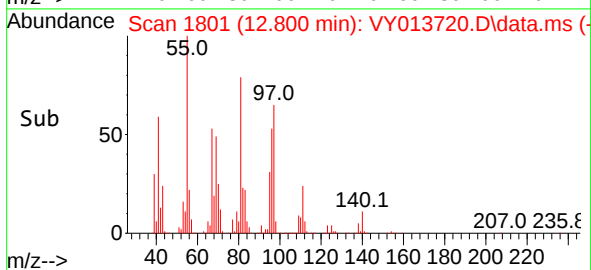
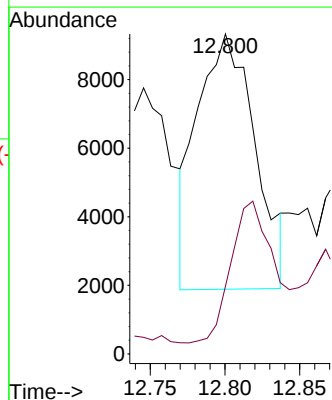
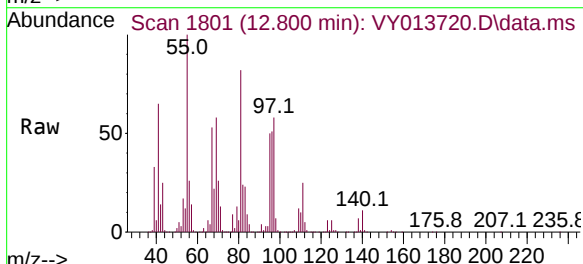
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-10-12-20230510

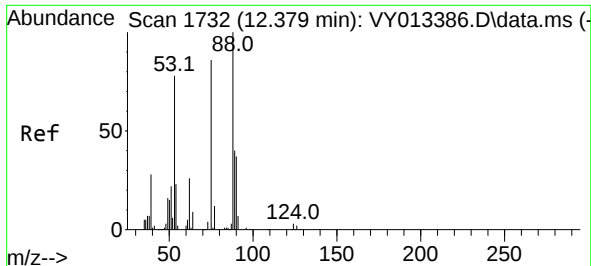
Tgt Ion: 91 Resp: 22108  
Ion Ratio Lower Upper  
91 100  
120 0.6 11.9 35.9#



#79  
2-Chlorotoluene  
Concen: 2.224 ug/l  
RT: 12.800 min Scan# 1801  
Delta R.T. 0.043 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

Tgt Ion: 91 Resp: 19949  
Ion Ratio Lower Upper  
91 100  
126 41.4 17.8 53.4

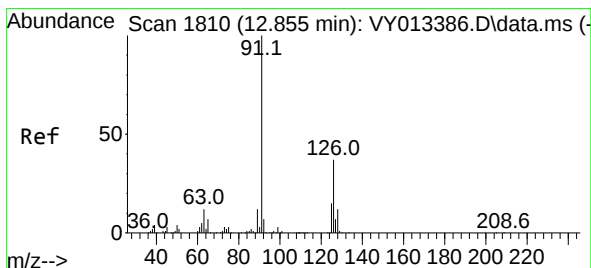
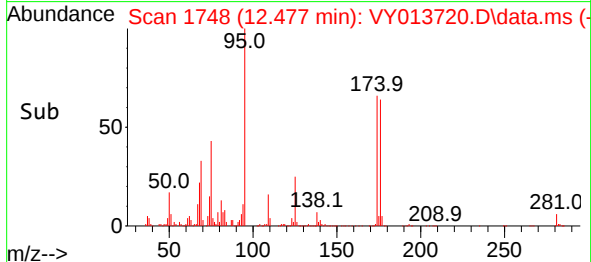
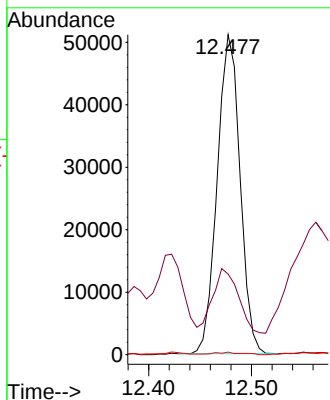
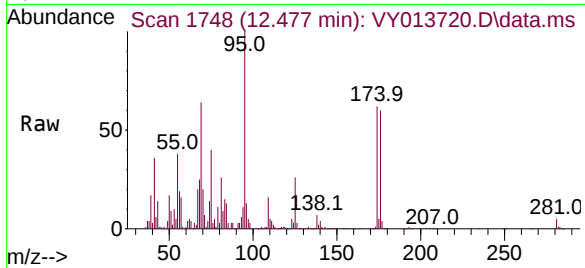




#81  
trans-1,4-Dichloro-2-butene  
Concen: 69.217 ug/l  
RT: 12.477 min Scan# 1732  
Delta R.T. 0.098 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

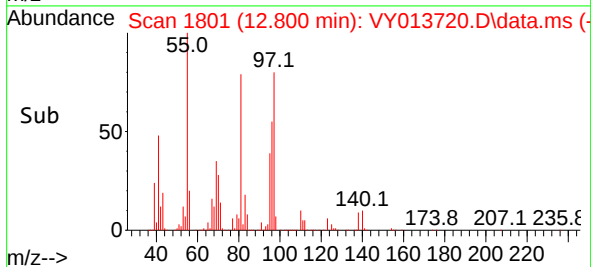
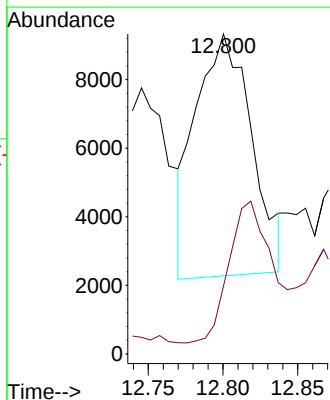
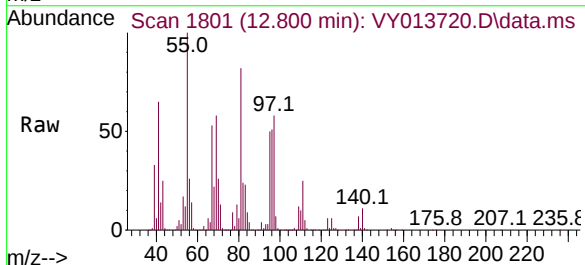
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-10-12-20230510

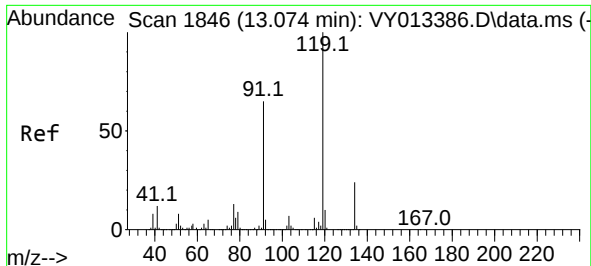
Tgt Ion: 75 Resp: 78670  
Ion Ratio Lower Upper  
75 100  
53 22.5 73.2 109.8#  
89 0.9 38.0 57.0#



#82  
4-Chlorotoluene  
Concen: 1.964 ug/l  
RT: 12.800 min Scan# 1801  
Delta R.T. -0.055 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

Tgt Ion: 91 Resp: 18360  
Ion Ratio Lower Upper  
91 100  
126 45.0 17.9 53.8

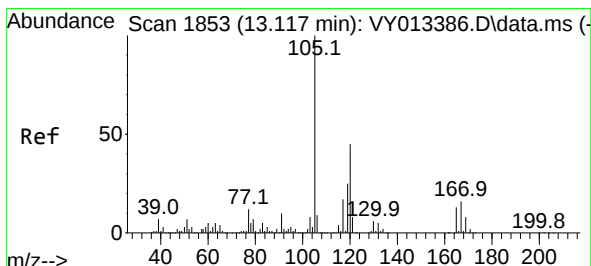
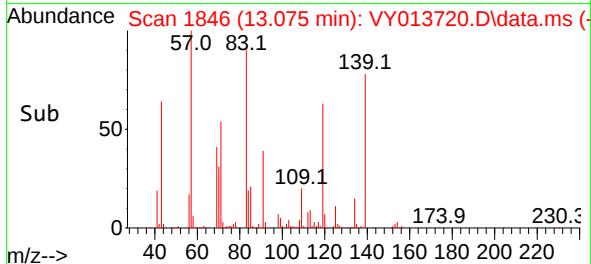
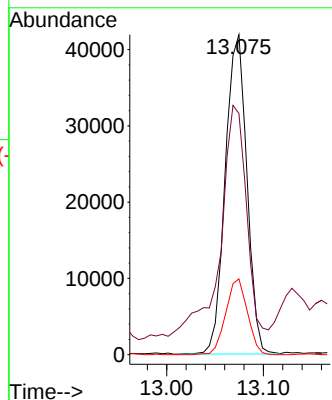
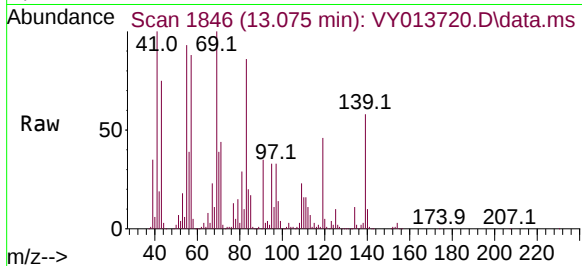




#83  
tert-Butylbenzene  
Concen: 7.063 ug/l  
RT: 13.075 min Scan# 1846  
Delta R.T. 0.001 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

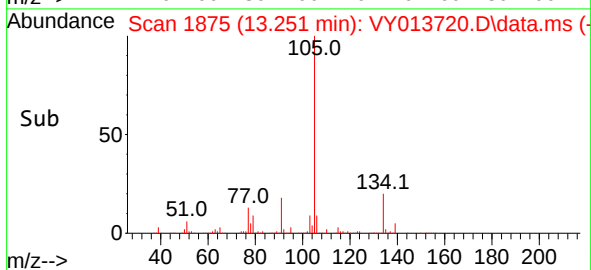
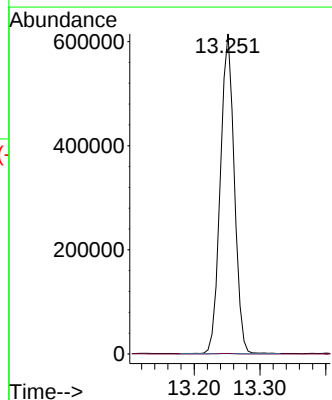
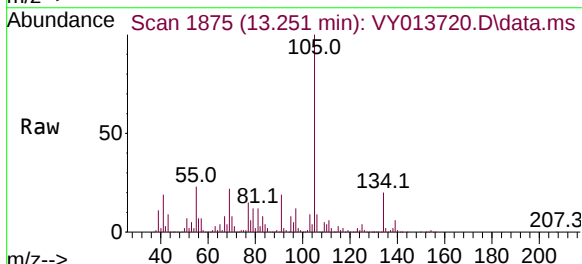
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-10-12-20230510

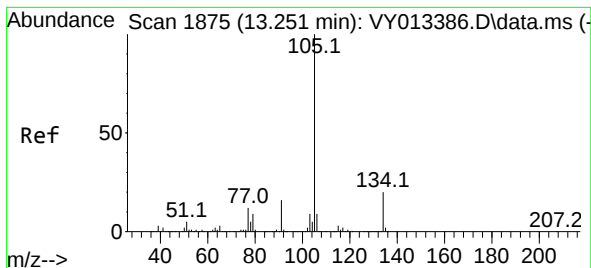
Tgt Ion:119 Resp: 65125  
Ion Ratio Lower Upper  
119 100  
91 91.1 32.2 96.6  
134 23.7 13.0 38.9



#84  
1,2,4-Trimethylbenzene  
Concen: 87.700 ug/l  
RT: 13.251 min Scan# 1875  
Delta R.T. 0.134 min  
Lab File: VY013720.D  
Acq: 11 May 2023 16:58

Tgt Ion:105 Resp: 907429  
Ion Ratio Lower Upper  
105 100  
120 0.2 22.3 66.9#





#85

sec-Butylbenzene

Concen: 65.576 ug/l

RT: 13.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013720.D

Acq: 11 May 2023 16:58

Instrument :

MSVOA\_Y

ClientSampleId :

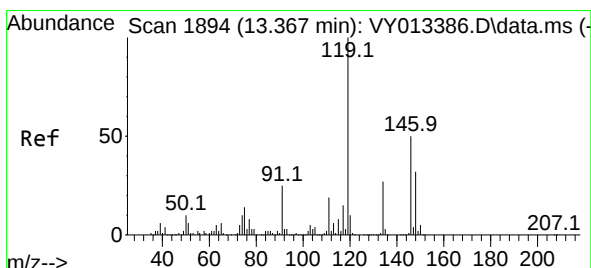
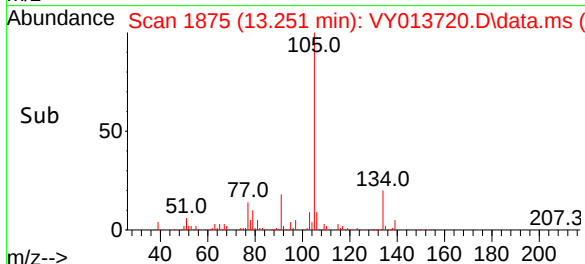
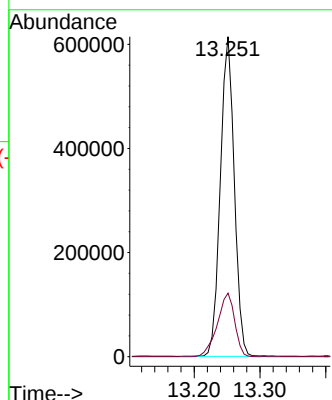
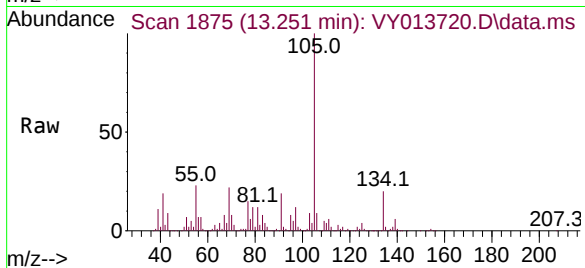
SB-03-10-12-20230510

Tgt Ion:105 Resp: 907429

Ion Ratio Lower Upper

105 100

134 24.7 10.3 30.9



#86

p-Isopropyltoluene

Concen: 17.228 ug/l

RT: 13.526 min Scan# 1920

Delta R.T. 0.159 min

Lab File: VY013720.D

Acq: 11 May 2023 16:58

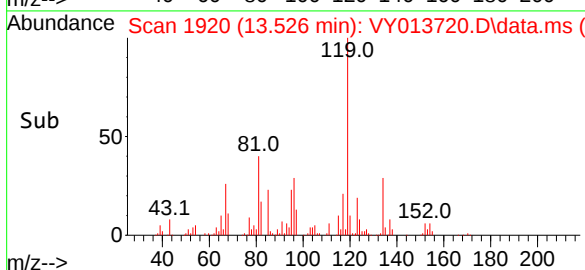
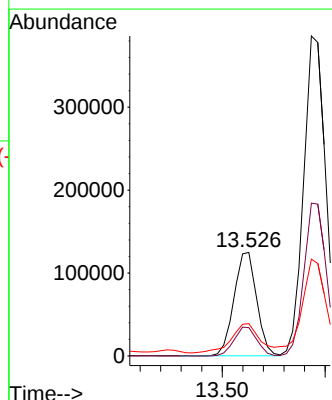
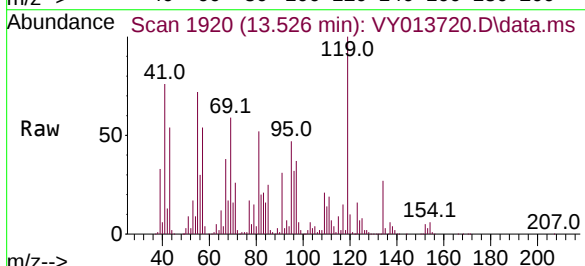
Tgt Ion:119 Resp: 191709

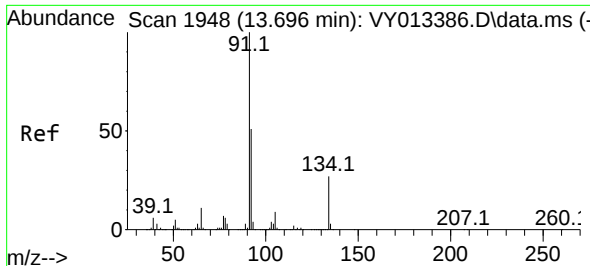
Ion Ratio Lower Upper

119 100

134 28.2 13.4 40.2

91 34.2 12.1 36.3





#89

n-Butylbenzene

Concen: 7.361 ug/l

RT: 13.672 min Scan# 1948

Delta R.T. -0.024 min

Lab File: VY013720.D

Acq: 11 May 2023 16:58

Instrument :

MSVOA\_Y

ClientSampleId :

SB-03-10-12-20230510

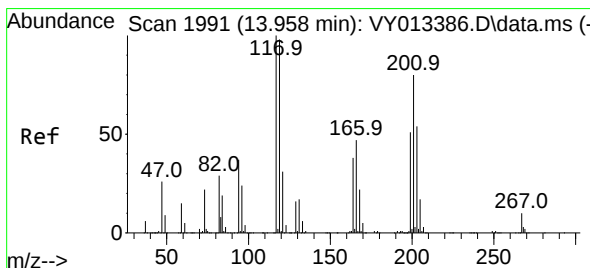
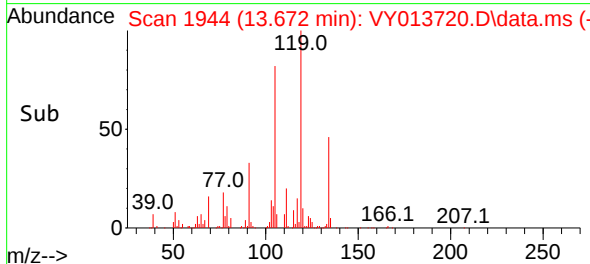
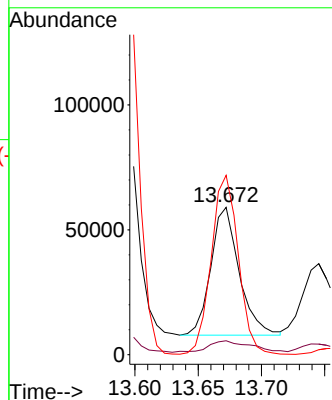
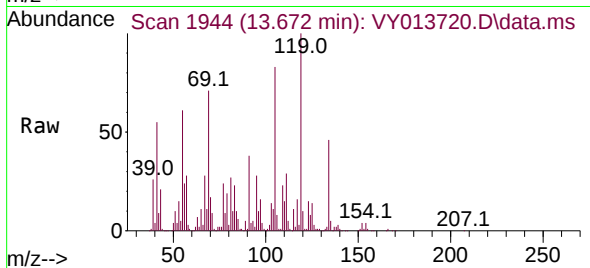
Tgt Ion: 91 Resp: 79945

Ion Ratio Lower Upper

91 100

92 13.4 25.8 77.3#

134 133.4 13.5 40.4#



#90

Hexachloroethane

Concen: 8.914 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.007 min

Lab File: VY013720.D

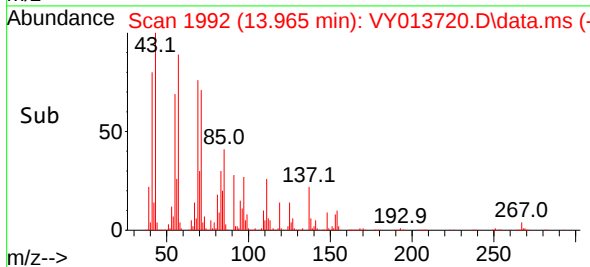
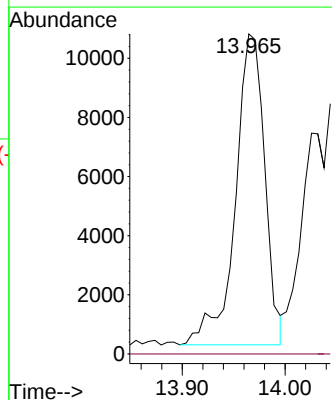
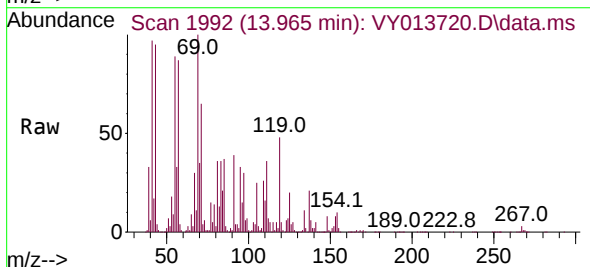
Acq: 11 May 2023 16:58

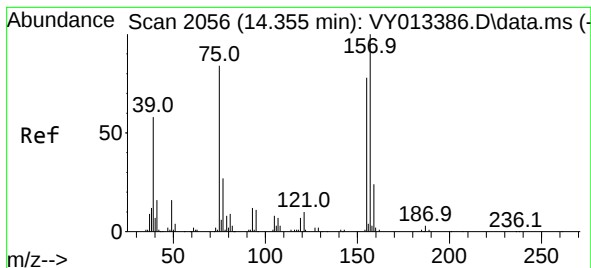
Tgt Ion: 117 Resp: 20877

Ion Ratio Lower Upper

117 100

201 0.0 41.6 124.8#

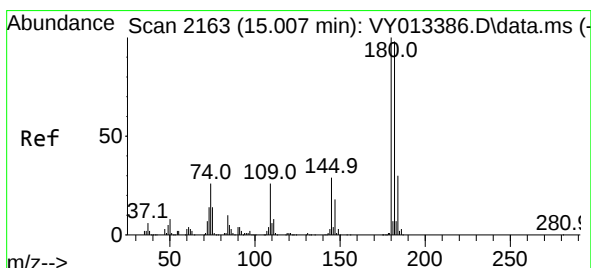
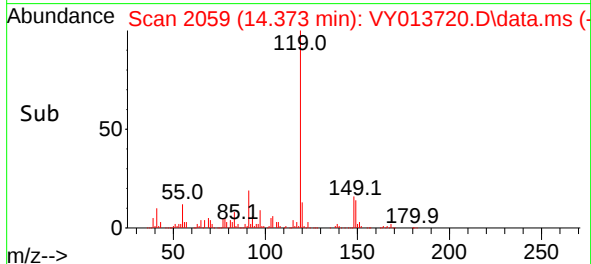
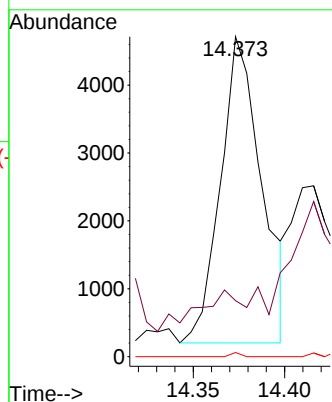
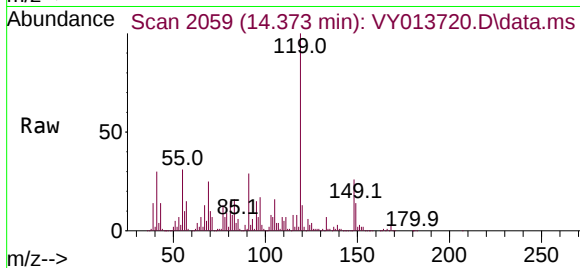




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 12.539 ug/l  
 RT: 14.373 min Scan# 2059  
 Delta R.T. 0.018 min  
 Lab File: VY013720.D  
 Acq: 11 May 2023 16:58

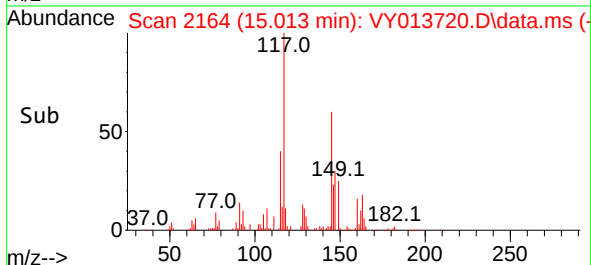
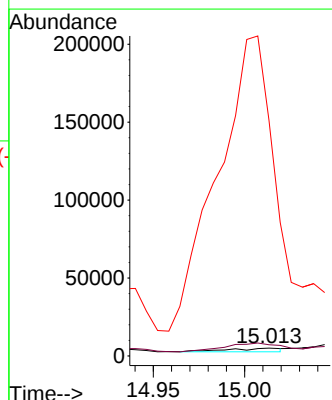
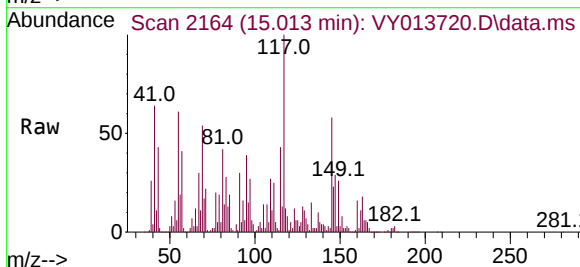
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 ClientSampleId :  
 SB-03-10-12-20230510

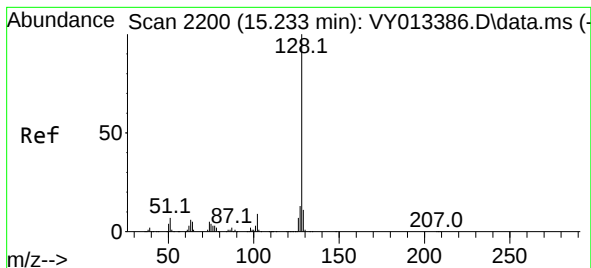
Tgt Ion: 75 Resp: 7058  
 Ion Ratio Lower Upper  
 75 100  
 155 14.9 44.6 134.0#  
 157 0.0 57.6 172.7#



#93  
 1,2,4-Trichlorobenzene  
 Concen: 1.435 ug/l  
 RT: 15.013 min Scan# 2164  
 Delta R.T. 0.006 min  
 Lab File: VY013720.D  
 Acq: 11 May 2023 16:58

Tgt Ion: 180 Resp: 4650  
 Ion Ratio Lower Upper  
 180 100  
 182 278.8 48.5 145.5#  
 145 11086.6 15.0 45.0#





#95

Naphthalene

Concen: 9.643 ug/l

RT: 15.202 min Scan# 2195

Delta R.T. -0.031 min

Lab File: VY013720.D

Acq: 11 May 2023 16:58

Instrument :

MSVOA\_Y

ClientSampleId :

SB-03-10-12-20230510

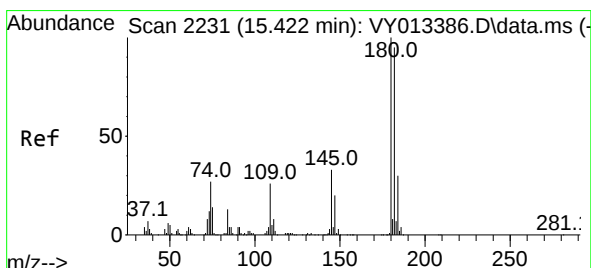
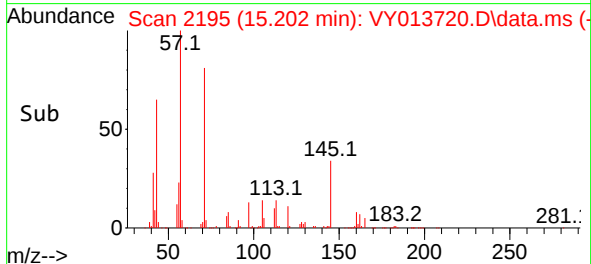
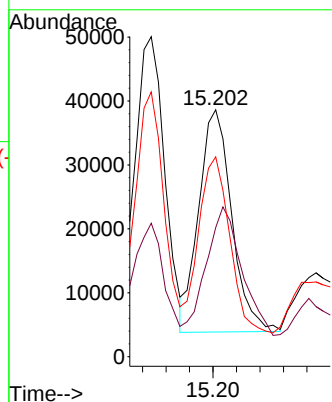
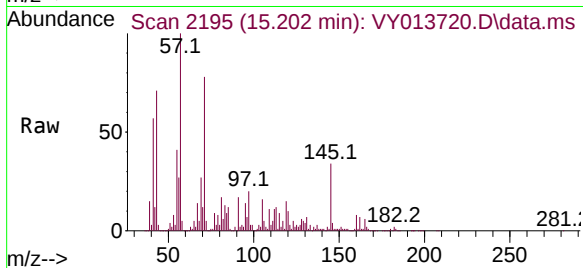
Tgt Ion:128 Resp: 67806

Ion Ratio Lower Upper

128 100

127 62.2 10.7 16.1#

129 75.9 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 6.569 ug/l

RT: 15.391 min Scan# 2226

Delta R.T. -0.031 min

Lab File: VY013720.D

Acq: 11 May 2023 16:58

Tgt Ion:180 Resp: 18975

Ion Ratio Lower Upper

180 100

182 31.5 47.1 141.3#

145 934.1 15.9 47.7#

