

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY102924\  
 Data File : VY020056.D  
 Acq On : 29 Oct 2024 13:15  
 Operator : SY/MD  
 Sample : P4597-07  
 Misc : 5.09g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Oct 30 01:23:14 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 16 05:44:48 2024  
 Response via : Initial Calibration

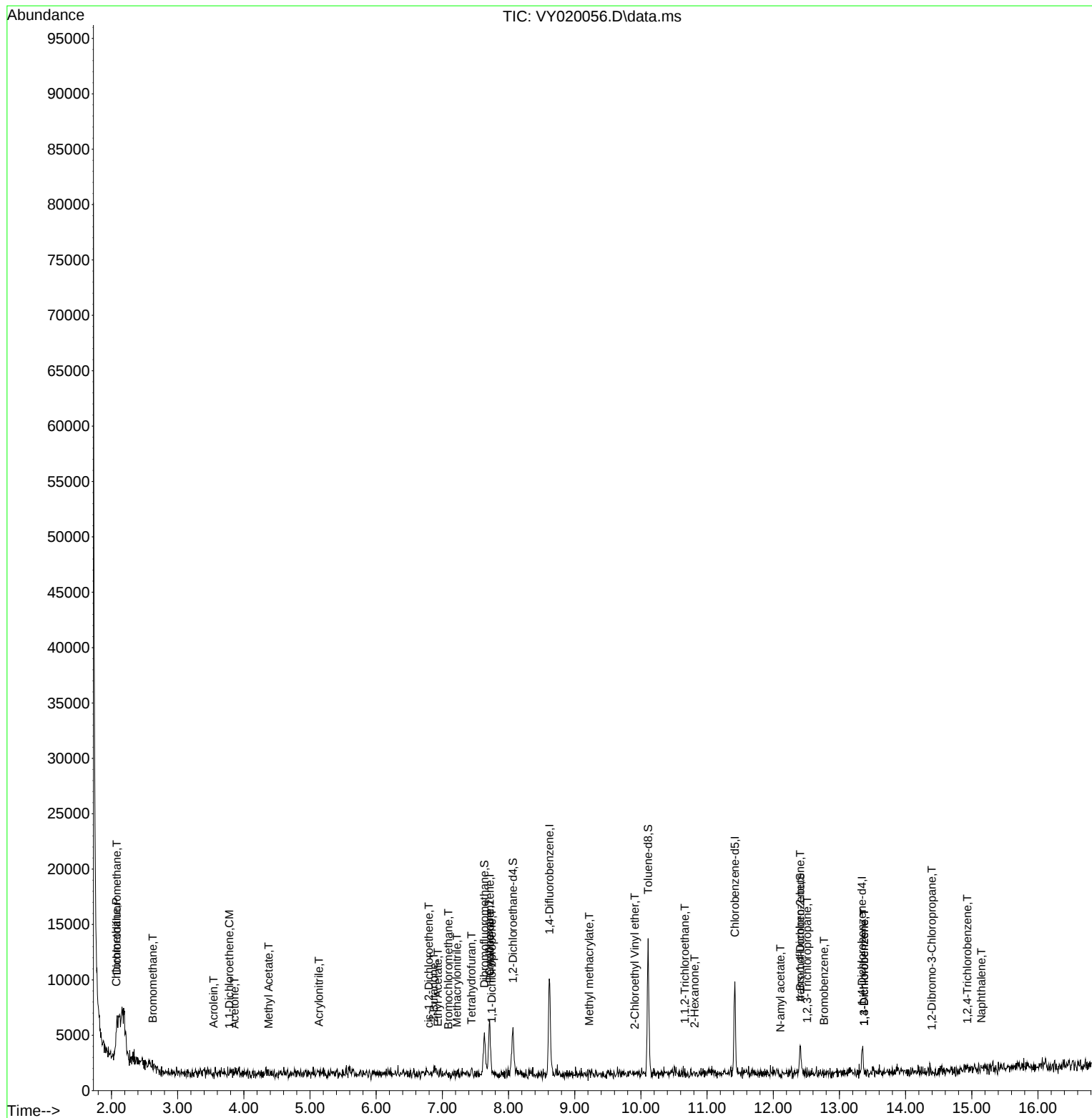
| Compound                      | R.T.   | QIon  | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|------------|----------|
| -----                         |        |       |          |           |            |          |
| Internal Standards            |        |       |          |           |            |          |
| 1) Pentafluorobenzene         | 7.719  | 168   | 3469     | 50.000    | ug/l       | # 0.01   |
| 34) 1,4-Difluorobenzene       | 8.616  | 114   | 7000     | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.420 | 117   | 4502     | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.340 | 152   | 686      | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |        |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.067  | 65    | 2880     | 67.426    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | = 134.860% |          |
| 35) Dibromofluoromethane      | 7.634  | 113   | 2564     | 55.507    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | = 111.020% |          |
| 50) Toluene-d8                | 10.109 | 98    | 7647     | 44.829    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 134 | Recovery  | = 89.660%  |          |
| 62) 4-Bromofluorobenzene      | 12.408 | 95    | 905      | 14.683    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 29 - 146 | Recovery  | = 29.360%  |          |
| Target Compounds              |        |       |          |           |            |          |
|                               |        |       |          |           |            | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.080  | 85    | 34       | 1.053     | ug/l       | # 43     |
| 3) Chloromethane              | 2.074  | 50    | 146      | 3.474     | ug/l       | # 43     |
| 5) Bromomethane               | 2.623  | 94    | 76       | 2.596     | ug/l       | # 78     |
| 11) Tert butyl alcohol        | 4.921  | 59    | 26       | Below Cal | #          | 88       |
| 12) 1,1-Dichloroethene        | 3.781  | 96    | 42       | 1.129     | ug/l       | # 1      |
| 13) Acrolein                  | 3.543  | 56    | 59       | 18.798    | ug/l       | # 15     |
| 15) Acrylonitrile             | 5.134  | 53    | 38       | 3.972     | ug/l       | # 18     |
| 16) Acetone                   | 3.860  | 43    | 188      | 16.908    | ug/l       | # 82     |
| 18) Methyl Acetate            | 4.372  | 43    | 27       | 1.127     | ug/l       | # 46     |
| 25) 2-Butanone                | 6.872  | 43    | 19       | 1.277     | ug/l       | # 41     |
| 27) cis-1,2-Dichloroethene    | 6.793  | 96    | 51       | 1.019     | ug/l       | # 1      |
| 28) Bromochloromethane        | 7.091  | 49    | 53       | 1.481     | ug/l       | # 6      |
| 29) Tetrahydrofuran           | 7.439  | 42    | 44       | 5.178     | ug/l       | # 26     |
| 31) Cyclohexane               | 7.713  | 56    | 152      | 2.130     | ug/l       | # 11     |
| 36) 1,1-Dichloropropene       | 7.744  | 75    | 90       | 1.352     | ug/l       | # 40     |
| 37) Ethyl Acetate             | 6.933  | 43    | 49       | 1.412     | ug/l       | # 67     |
| 41) Methacrylonitrile         | 7.219  | 41    | 20       | 1.065     | ug/l       | # 15     |
| 48) Methyl methacrylate       | 9.219  | 41    | 47       | 1.510     | ug/l       | # 1      |
| 55) 1,1,2-Trichloroethane     | 10.664 | 97    | 43       | 1.185     | ug/l       | # 16     |
| 58) 2-Chloroethyl Vinyl ether | 9.908  | 63    | 32       | 1.320     | ug/l       | # 45     |
| 59) 2-Hexanone                | 10.810 | 43    | 26       | 1.008     | ug/l       | # 19     |
| 74) N-amyl acetate            | 12.109 | 43    | 49       | 3.206     | ug/l       | # 37     |
| 76) 1,2,3-Trichloropropane    | 12.511 | 75    | 47       | 3.497     | ug/l       | # 100    |
| 77) Bromobenzene              | 12.767 | 156   | 20       | 1.633     | ug/l       | # 1      |
| 81) trans-1,4-Dichloro-2-b... | 12.408 | 75    | 579      | 173.906   | ug/l       | # 16     |
| 87) 1,3-Dichlorobenzene       | 13.371 | 146   | 63       | 2.548     | ug/l       | # 25     |
| 88) 1,4-Dichlorobenzene       | 13.371 | 146   | 63       | 2.593     | ug/l       | # 25     |
| 92) 1,2-Dibromo-3-Chloropr... | 14.395 | 75    | 27       | 16.501    | ug/l       | # 1      |
| 93) 1,2,4-Trichlorobenzene    | 14.931 | 180   | 47       | 3.858     | ug/l       | # 61     |
| 95) Naphthalene               | 15.145 | 128   | 71       | 3.090     | ug/l       | # 69     |
| -----                         |        |       |          |           |            |          |

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

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Sample : P4597-07  
Misc : 5.09g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Oct 30 01:23:14 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100924S.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 16 05:44:48 2024  
Response via : Initial Calibration

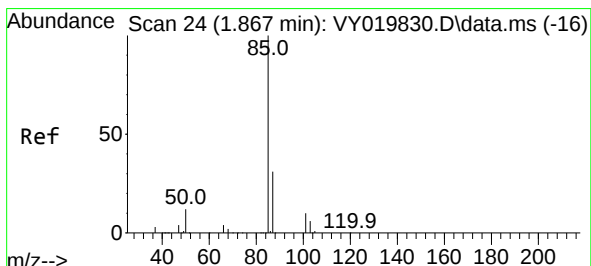
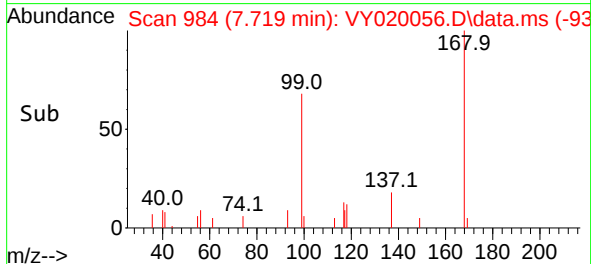
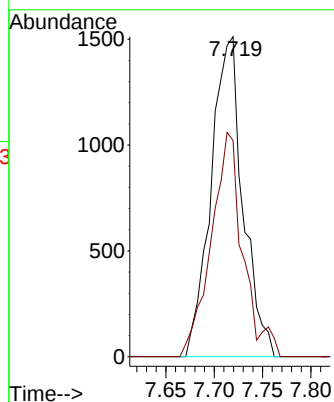
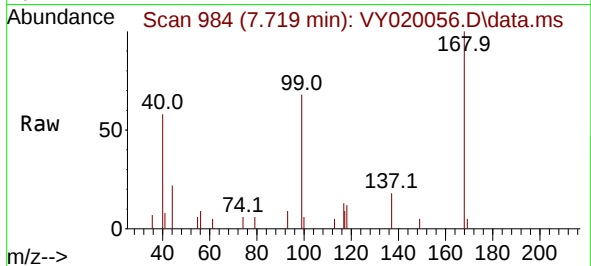




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.719 min Scan# 91  
Delta R.T. 0.012 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

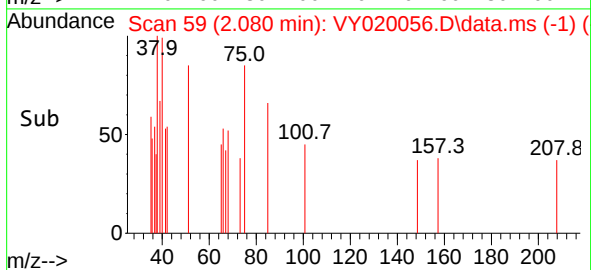
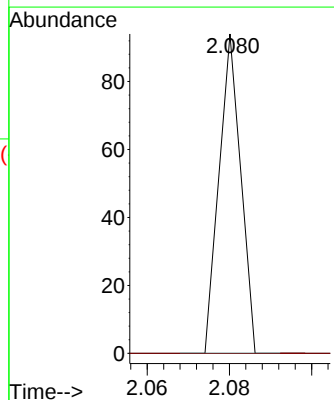
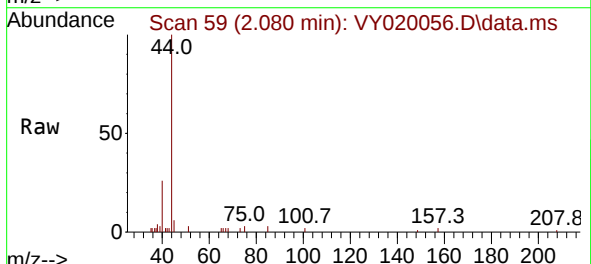
Instrument :  
MSVOA\_Y  
ClientSampleId :

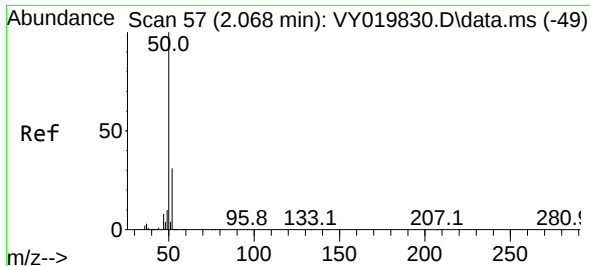
Tgt Ion:168 Resp: 3469  
Ion Ratio Lower Upper  
168 100  
99 67.6 39.1 58.7#



#2  
Dichlorodifluoromethane  
Concen: 1.053 ug/l  
RT: 2.080 min Scan# 59  
Delta R.T. 0.214 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

Tgt Ion: 85 Resp: 34  
Ion Ratio Lower Upper  
85 100  
87 0.0 16.0 48.0#

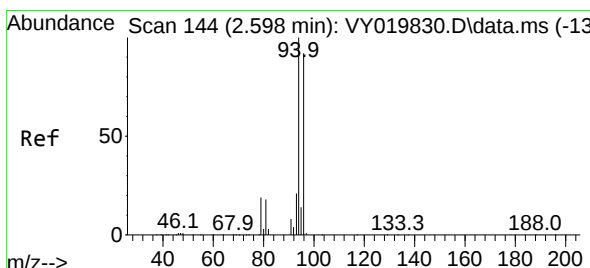
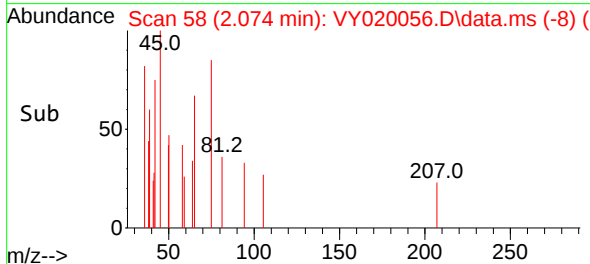
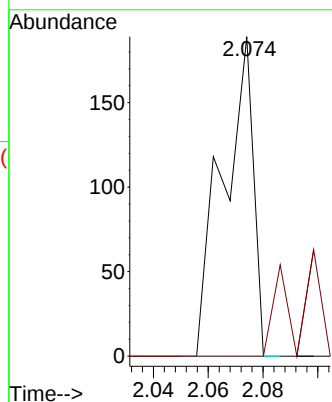
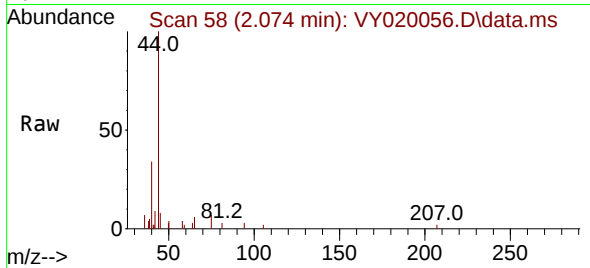




#3  
Chloromethane  
Concen: 3.474 ug/l  
RT: 2.074 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

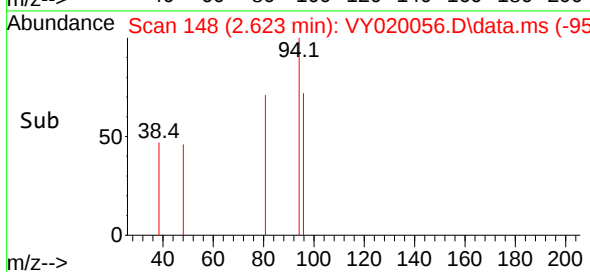
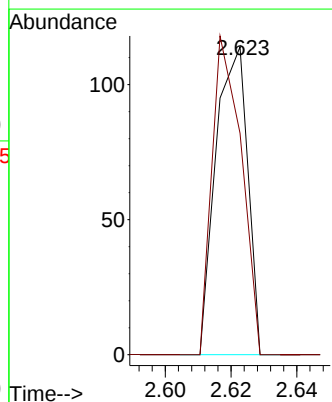
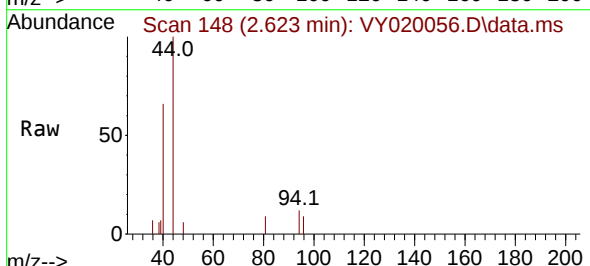
Instrument :  
MSVOA\_Y  
ClientSampleId :

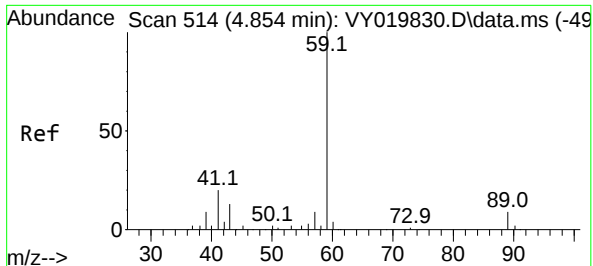
Tgt Ion: 50 Resp: 146  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.6 38.4#



#5  
Bromomethane  
Concen: 2.596 ug/l  
RT: 2.623 min Scan# 148  
Delta R.T. 0.025 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

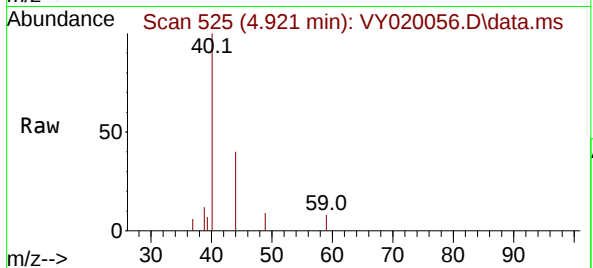
Tgt Ion: 94 Resp: 76  
Ion Ratio Lower Upper  
94 100  
96 71.9 74.1 111.1#



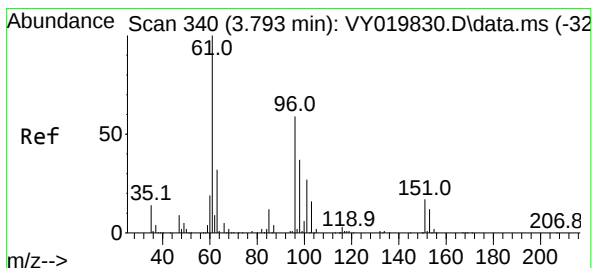
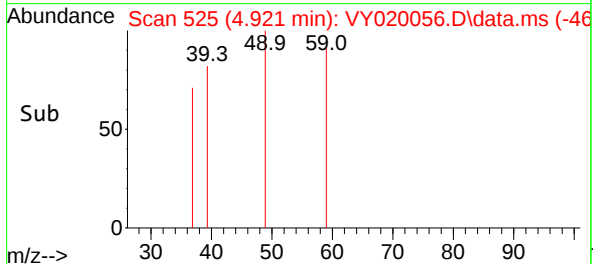
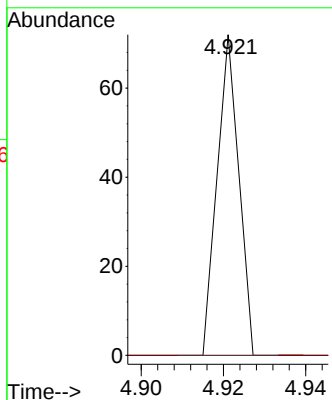


#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 4.921 min Scan# 51  
Delta R.T. 0.061 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

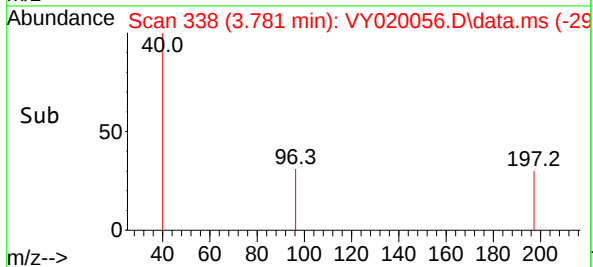
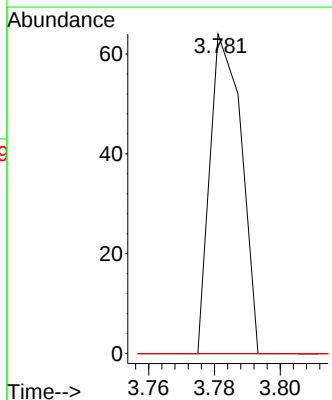
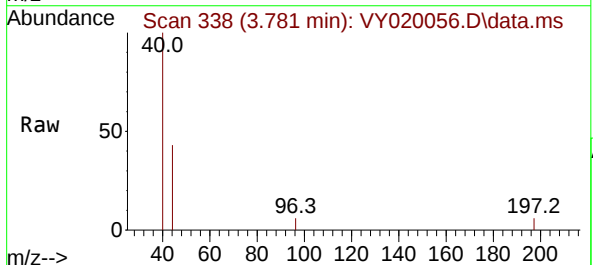


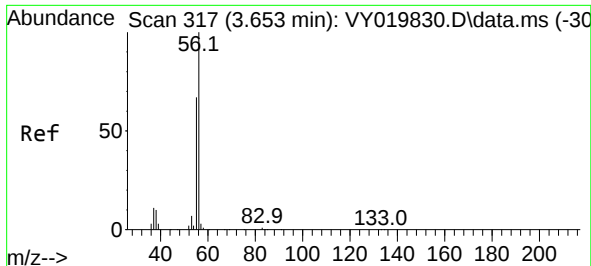
Tgt Ion: 59 Resp: 26  
Ion Ratio Lower Upper  
59 100  
57 0.0 3.0 4.6#



#12  
1,1-Dichloroethene  
Concen: 1.129 ug/l  
RT: 3.781 min Scan# 338  
Delta R.T. -0.006 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

Tgt Ion: 96 Resp: 42  
Ion Ratio Lower Upper  
96 100  
61 0.0 114.6 171.8#  
98 0.0 50.8 76.2#





#13

Acrolein

Concen: 18.798 ug/l

RT: 3.543 min Scan# 29

Delta R.T. -0.110 min

Lab File: VY020056.D

Acq: 29 Oct 2024 13:15

Instrument :

MSVOA\_Y

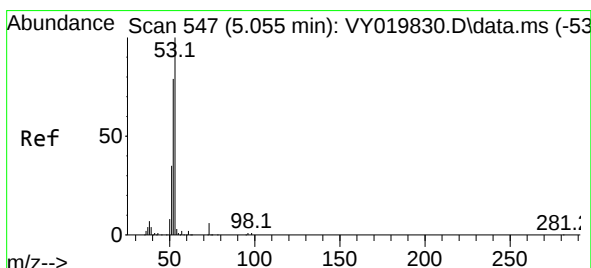
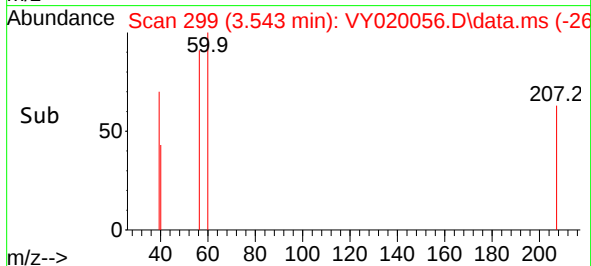
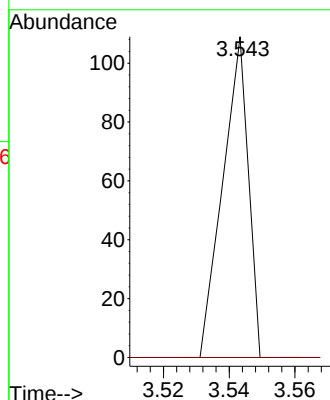
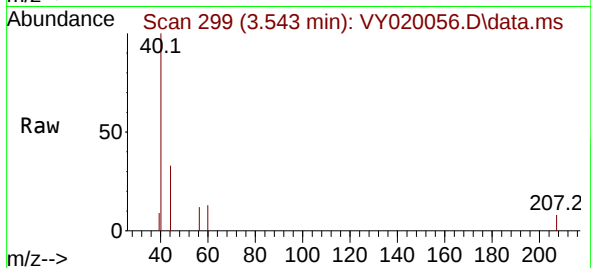
ClientSampleId :

Tgt Ion: 56 Resp: 59

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#15

Acrylonitrile

Concen: 3.972 ug/l

RT: 5.134 min Scan# 560

Delta R.T. 0.080 min

Lab File: VY020056.D

Acq: 29 Oct 2024 13:15

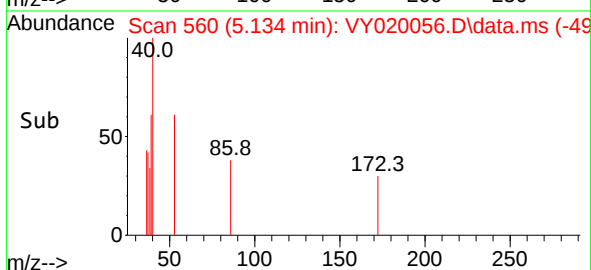
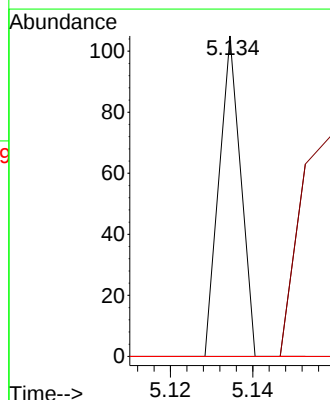
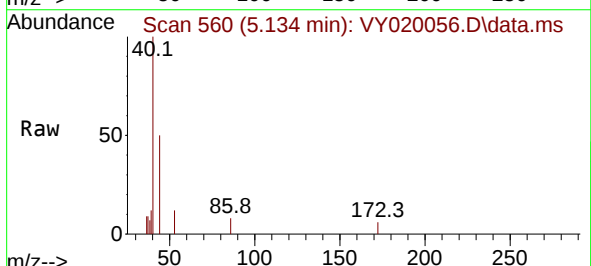
Tgt Ion: 53 Resp: 38

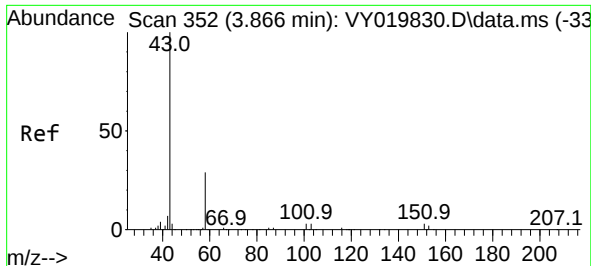
Ion Ratio Lower Upper

53 100

52 0.0 64.7 97.1#

51 0.0 28.4 42.6#

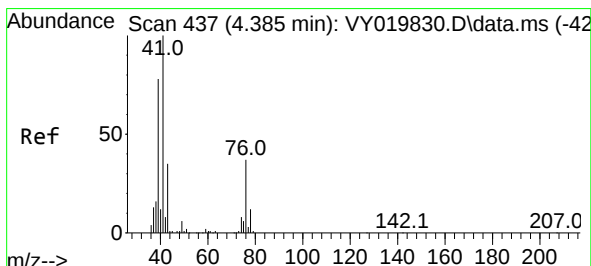
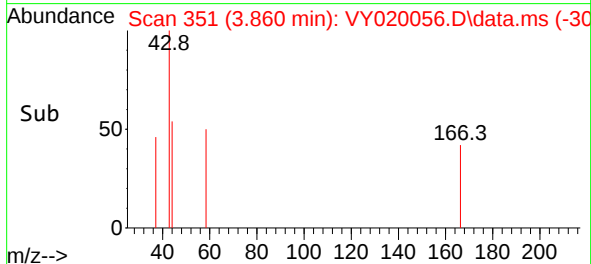
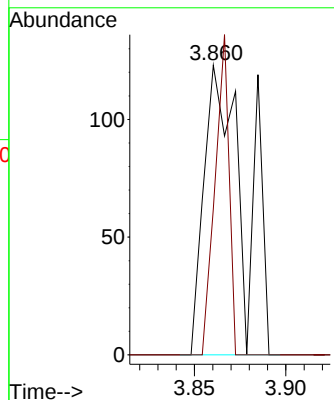
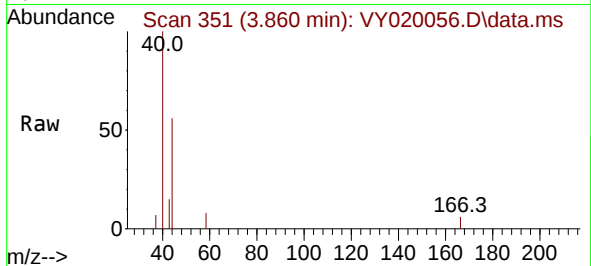




#16  
Acetone  
Concen: 16.908 ug/l  
RT: 3.860 min Scan# 311  
Delta R.T. -0.012 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

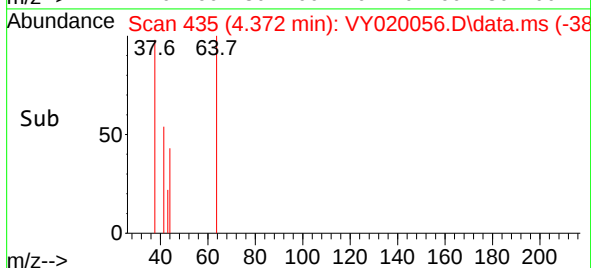
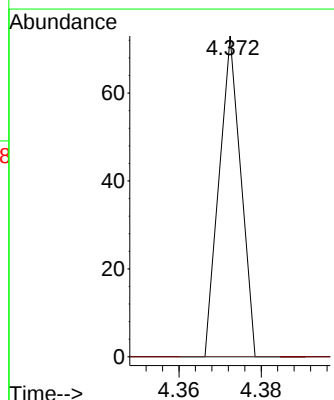
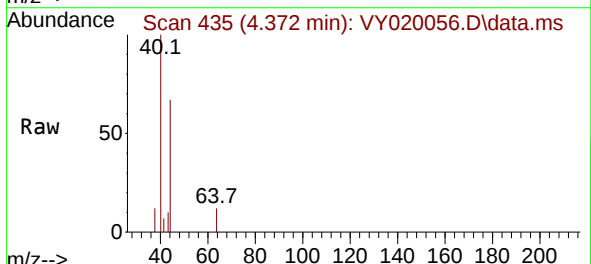
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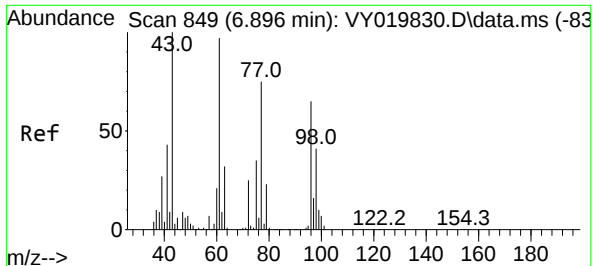
Tgt Ion: 43 Resp: 188  
Ion Ratio Lower Upper  
43 100  
58 50.4 31.7 47.5#



#18  
Methyl Acetate  
Concen: 1.127 ug/l  
RT: 4.372 min Scan# 435  
Delta R.T. -0.012 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

Tgt Ion: 43 Resp: 27  
Ion Ratio Lower Upper  
43 100  
74 0.0 23.3 34.9#





#25

2-Butanone

Concen: 1.277 ug/l

RT: 6.872 min Scan# 849

Delta R.T. -0.018 min

Lab File: VY020056.D

Acq: 29 Oct 2024 13:15

Instrument :

MSVOA\_Y

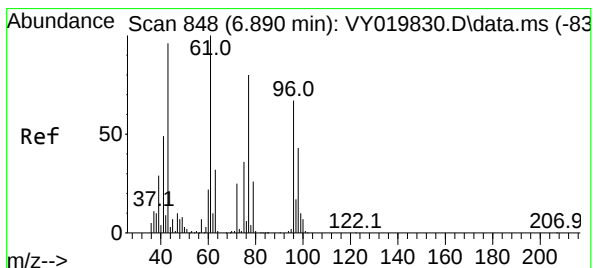
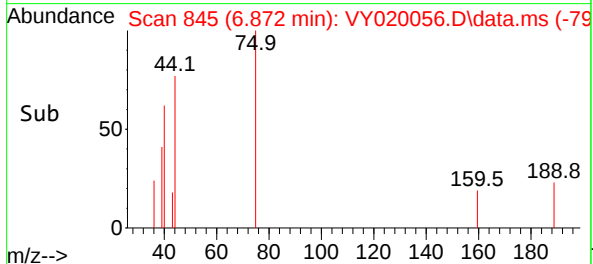
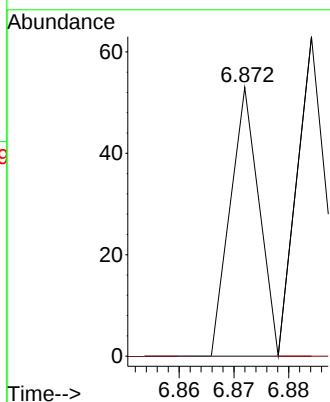
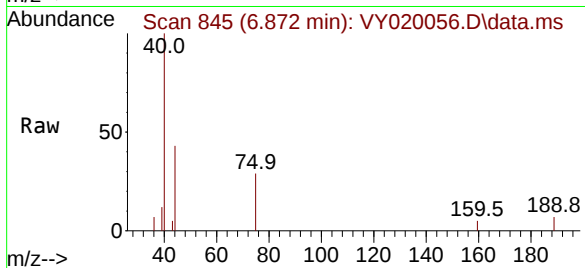
ClientSampleId :

Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#27

cis-1,2-Dichloroethene

Concen: 1.019 ug/l

RT: 6.793 min Scan# 832

Delta R.T. -0.097 min

Lab File: VY020056.D

Acq: 29 Oct 2024 13:15

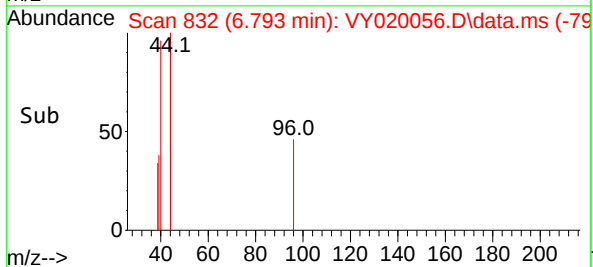
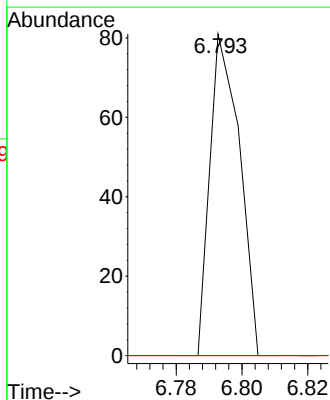
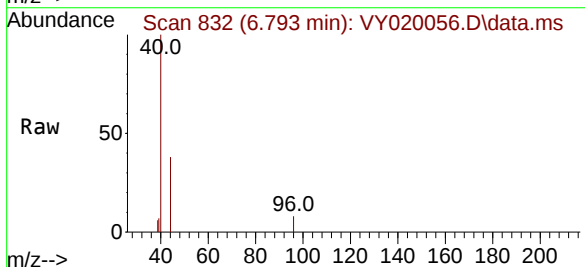
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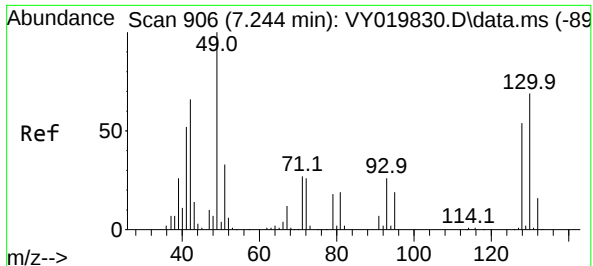
Ion Ratio Lower Upper

96 100

61 0.0 0.0 256.2

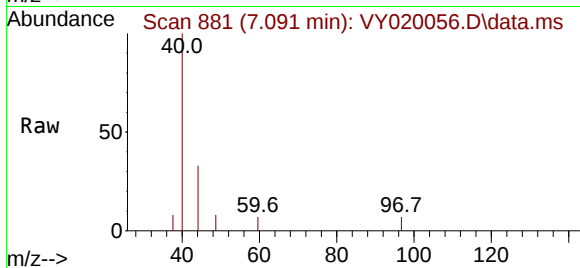
98 0.0 0.0 130.0



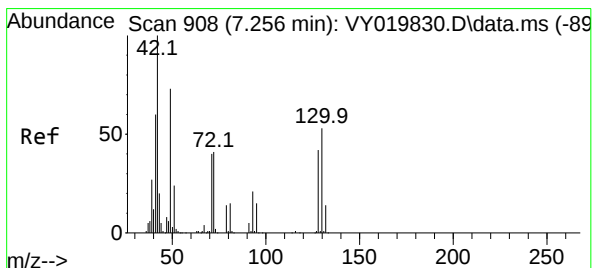
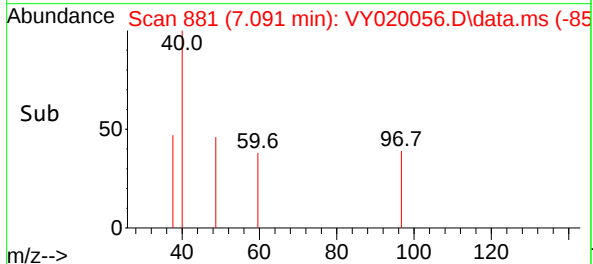
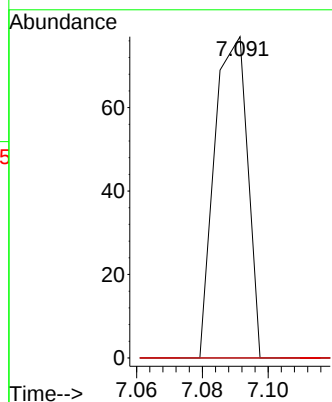


#28  
Bromochloromethane  
Concen: 1.481 ug/l  
RT: 7.091 min Scan# 81  
Delta R.T. -0.152 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

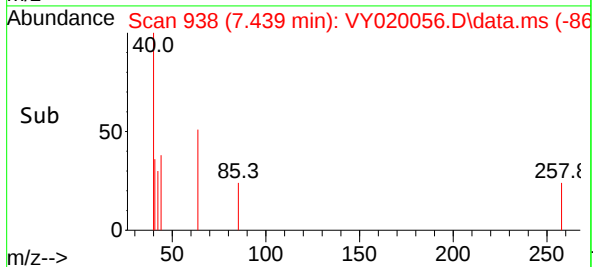
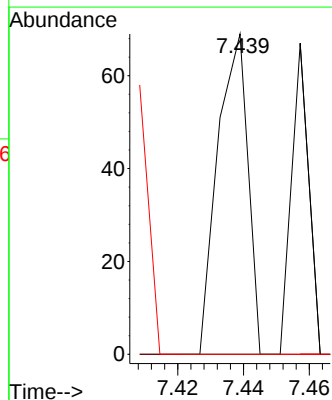
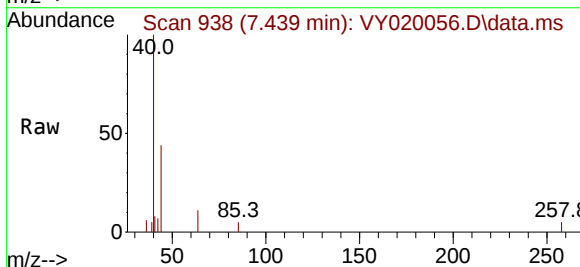


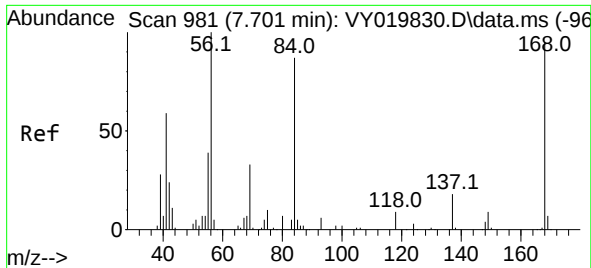
Tgt Ion: 49 Resp: 53  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 4.6  
130 0.0 72.7 109.1#



#29  
Tetrahydrofuran  
Concen: 5.178 ug/l  
RT: 7.439 min Scan# 938  
Delta R.T. 0.177 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

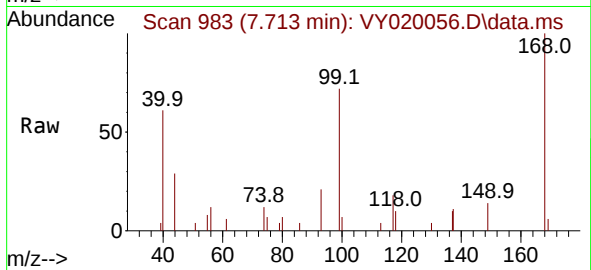
Tgt Ion: 42 Resp: 44  
Ion Ratio Lower Upper  
42 100  
72 0.0 43.0 64.4#  
71 0.0 40.8 61.2#



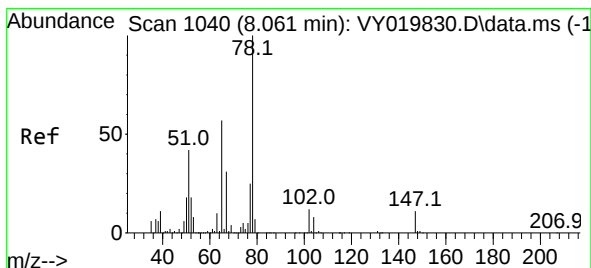
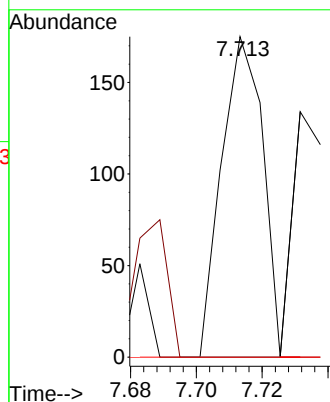
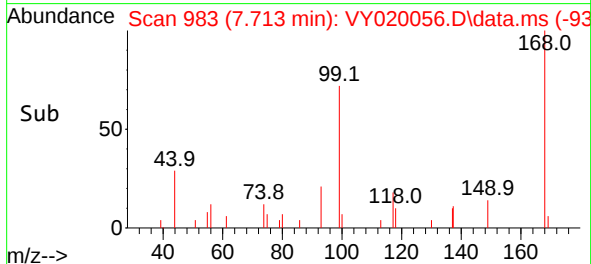


#31  
Cyclohexane  
Concen: 2.130 ug/l  
RT: 7.713 min Scan# 981  
Delta R.T. 0.012 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

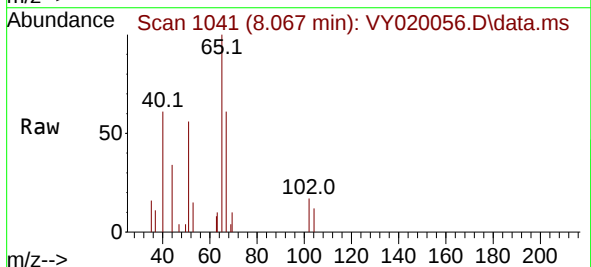
Instrument :  
MSVOA\_Y  
ClientSampleId :



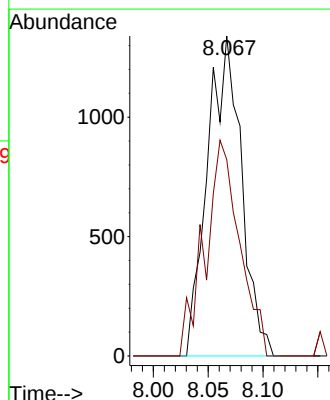
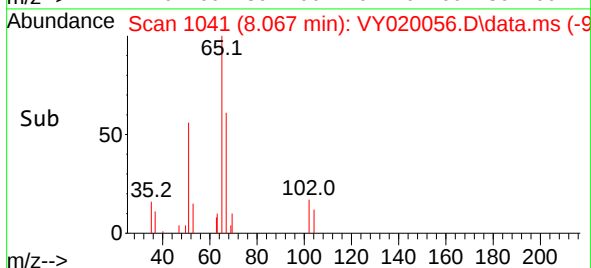
Tgt Ion: 56 Resp: 152  
Ion Ratio Lower Upper  
56 100  
69 0.0 28.7 43.1#  
84 0.0 77.7 116.5#

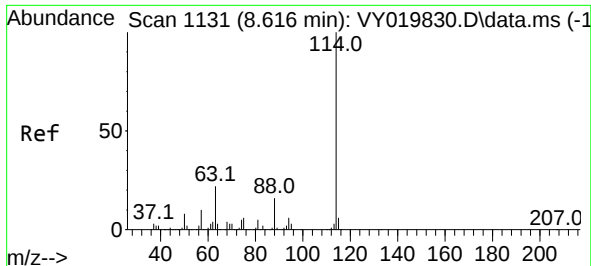


#33  
1,2-Dichloroethane-d4  
Concen: 67.426 ug/l  
RT: 8.067 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15



Tgt Ion: 65 Resp: 2880  
Ion Ratio Lower Upper  
65 100  
67 68.9 0.0 109.6

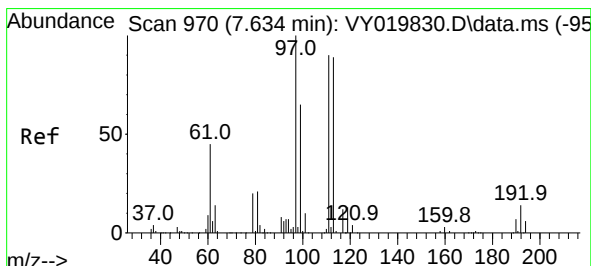
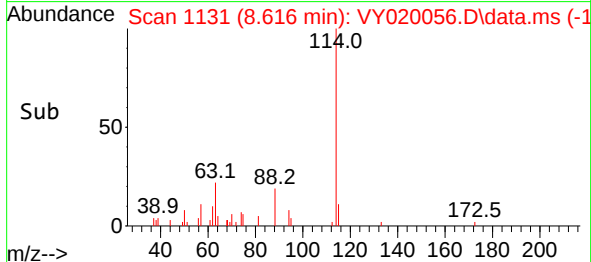
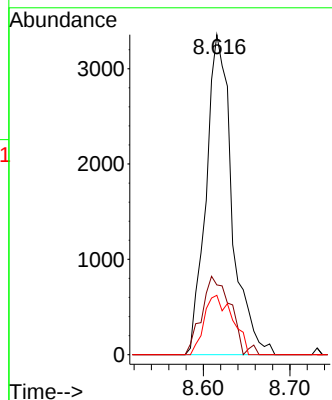
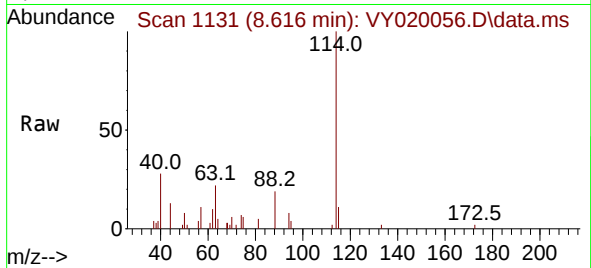




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.616 min Scan# 1131  
Delta R.T. 0.000 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

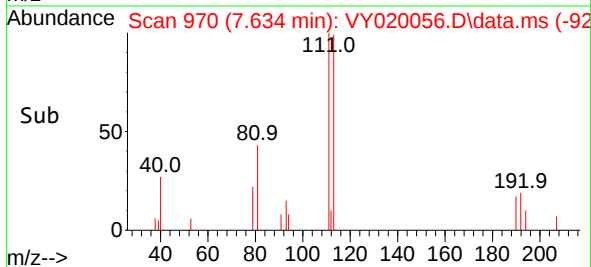
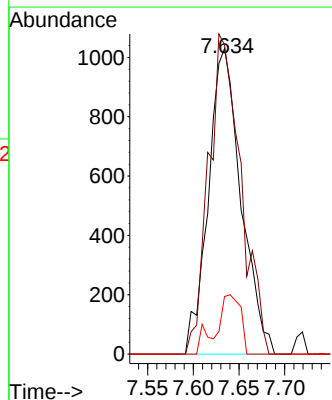
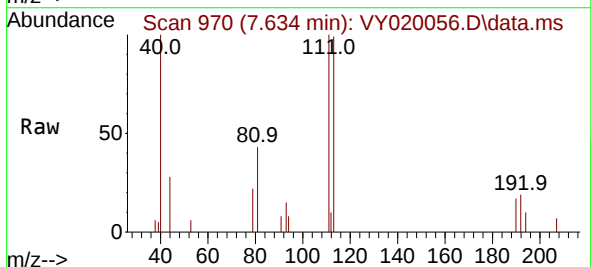
Instrument :  
MSVOA\_Y  
ClientSampleId :

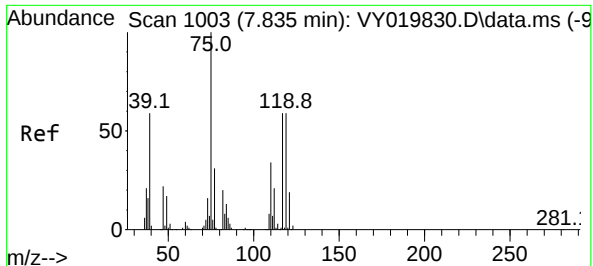
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:114 | Resp: | 7000        |
| Ion         | Ratio | Lower Upper |
| 114         | 100   |             |
| 63          | 21.8  | 0.0 35.0    |
| 88          | 18.5  | 0.0 27.2    |



#35  
Dibromofluoromethane  
Concen: 55.507 ug/l  
RT: 7.634 min Scan# 970  
Delta R.T. 0.000 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:113 | Resp: | 2564        |
| Ion         | Ratio | Lower Upper |
| 113         | 100   |             |
| 111         | 103.0 | 82.2 123.4  |
| 192         | 14.5  | 15.9 23.9#  |





#36

1,1-Dichloropropene

Concen: 1.352 ug/l

RT: 7.744 min Scan# 90

Delta R.T. -0.091 min

Lab File: VY020056.D

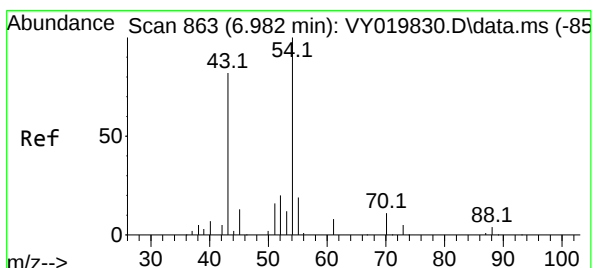
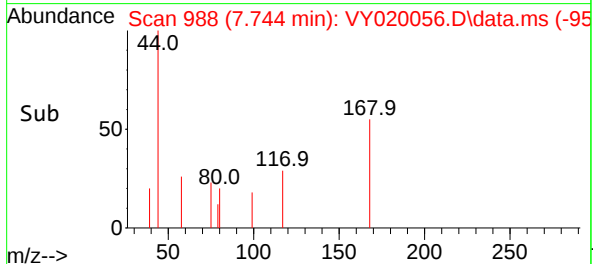
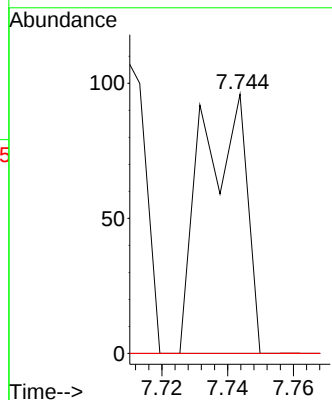
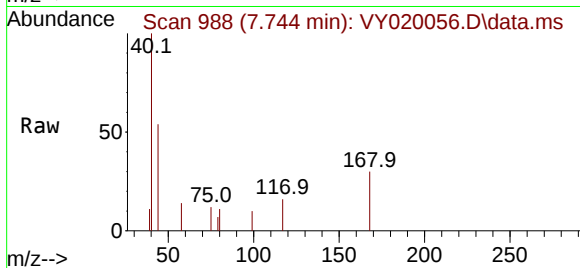
Acq: 29 Oct 2024 13:15

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |       |
|-------------|-------|-------|
| Tgt Ion: 75 | Resp: | 90    |
| Ion Ratio   | Lower | Upper |
| 75          | 100   |       |
| 110         | 0.0   | 19.0  |
| 77          | 0.0   | 25.3  |



#37

Ethyl Acetate

Concen: 1.412 ug/l

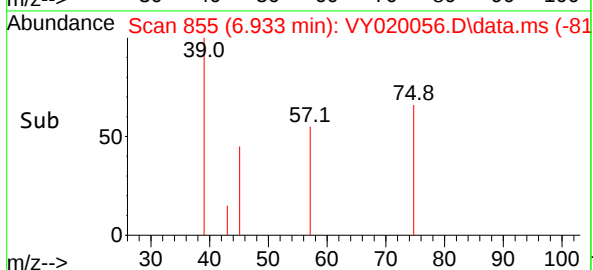
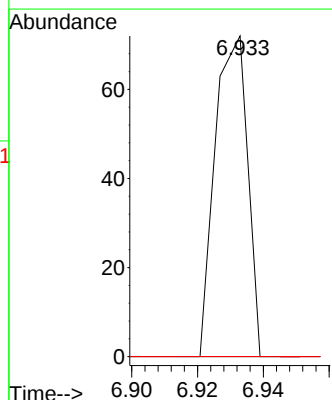
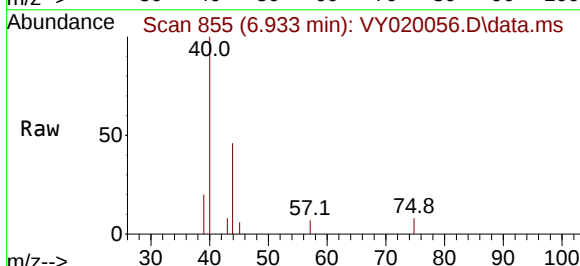
RT: 6.933 min Scan# 855

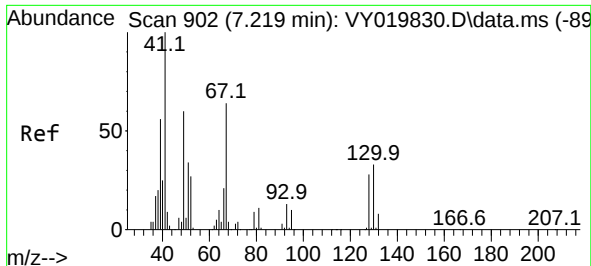
Delta R.T. -0.048 min

Lab File: VY020056.D

Acq: 29 Oct 2024 13:15

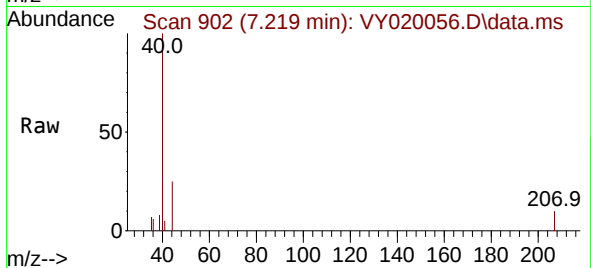
|             |       |       |
|-------------|-------|-------|
| Tgt Ion: 43 | Resp: | 49    |
| Ion Ratio   | Lower | Upper |
| 43          | 100   |       |
| 61          | 0.0   | 12.6  |
| 70          | 0.0   | 7.8   |



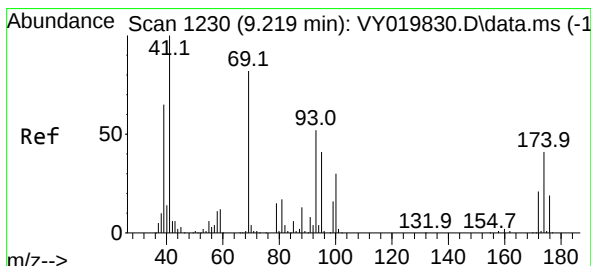
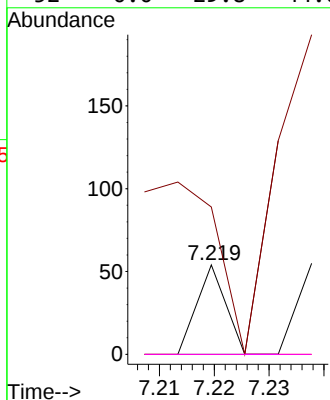
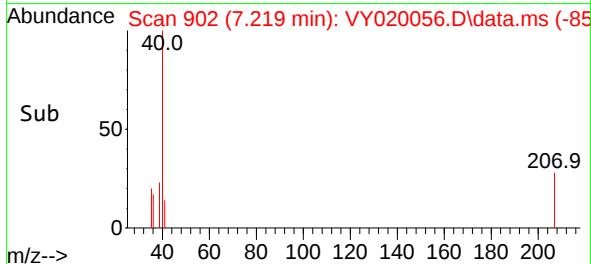


#41  
Methacrylonitrile  
Concen: 1.065 ug/l  
RT: 7.219 min Scan# 902  
Delta R.T. 0.000 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

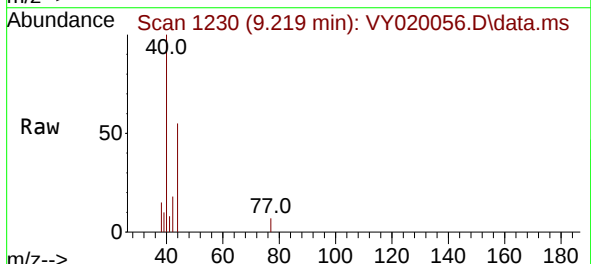
Instrument :  
MSVOA\_Y  
ClientSampleId :



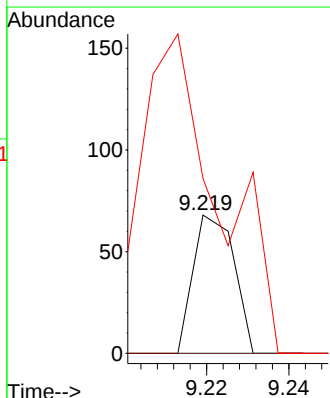
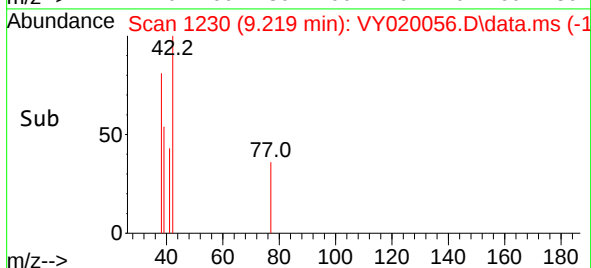
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 20     |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 0.0   | 48.0  | 72.0#  |
| 67       | 0.0   | 75.1  | 112.7# |
| 52       | 0.0   | 29.8  | 44.6#  |

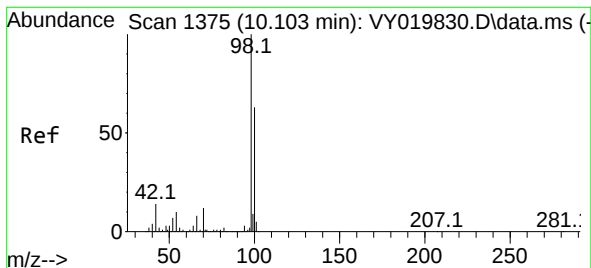


#48  
Methyl methacrylate  
Concen: 1.510 ug/l  
RT: 9.219 min Scan# 1230  
Delta R.T. 0.000 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 47     |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 0.0   | 84.1  | 126.1# |
| 39       | 504.3 | 43.6  | 65.4#  |

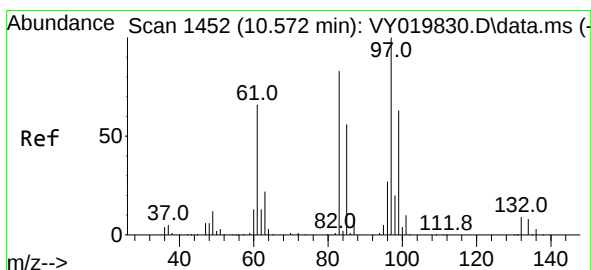
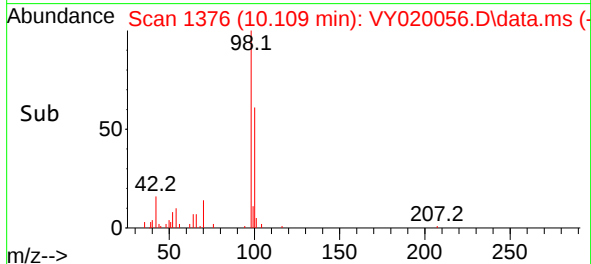
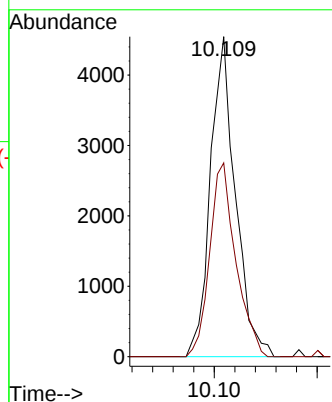
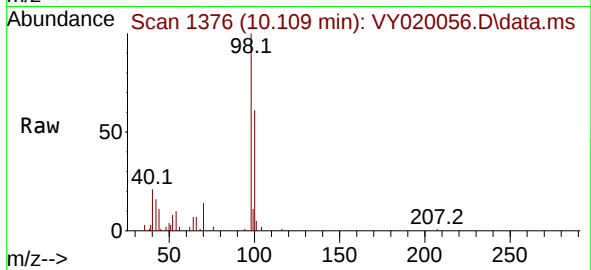




#50  
Toluene-d8  
Concen: 44.829 ug/l  
RT: 10.109 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

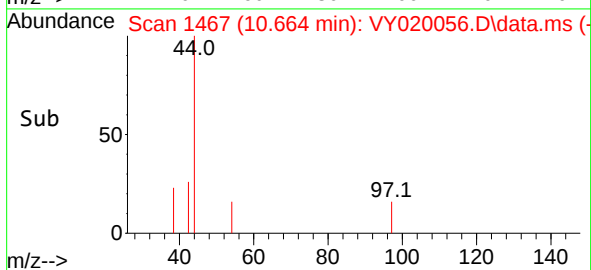
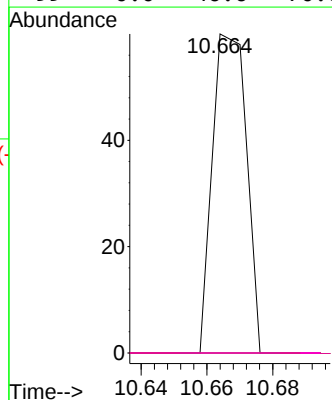
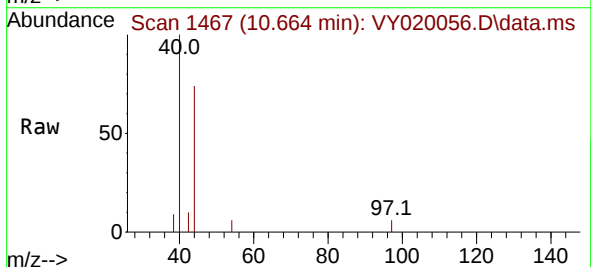
Instrument :  
MSVOA\_Y  
ClientSampleId :

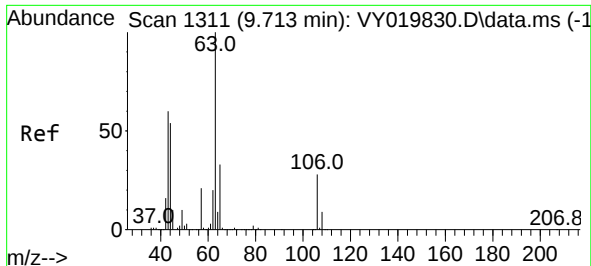
Tgt Ion: 98 Resp: 7647  
Ion Ratio Lower Upper  
98 100  
100 63.4 52.0 78.0



#55  
1,1,2-Trichloroethane  
Concen: 1.185 ug/l  
RT: 10.664 min Scan# 1467  
Delta R.T. 0.092 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

Tgt Ion: 97 Resp: 43  
Ion Ratio Lower Upper  
97 100  
83 0.0 67.5 101.3#  
85 0.0 42.9 64.3#  
99 0.0 46.6 70.0#

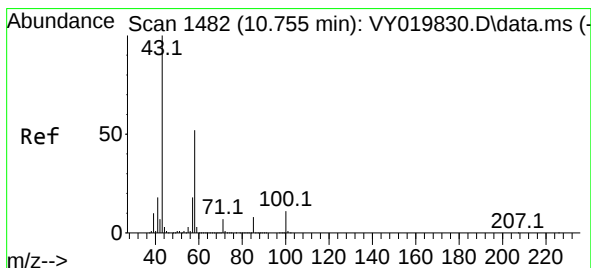
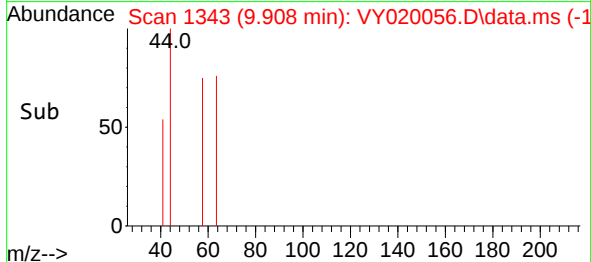
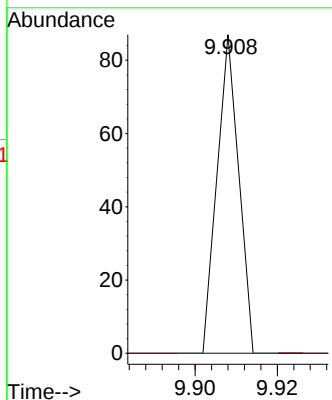
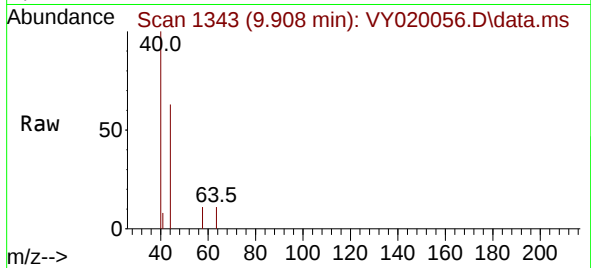




#58  
2-Chloroethyl Vinyl ether  
Concen: 1.320 ug/l  
RT: 9.908 min Scan# 11  
Delta R.T. 0.195 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

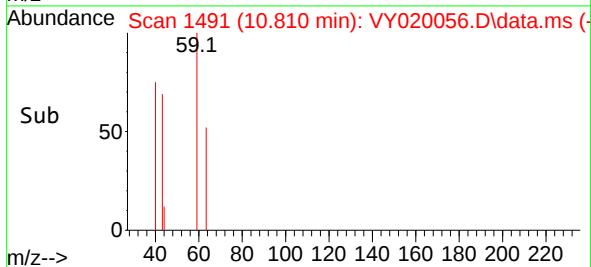
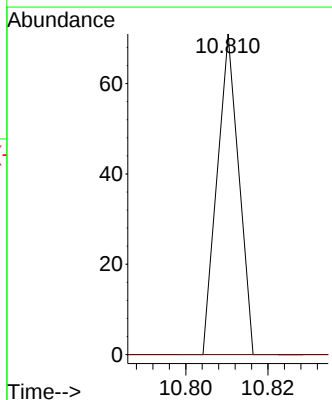
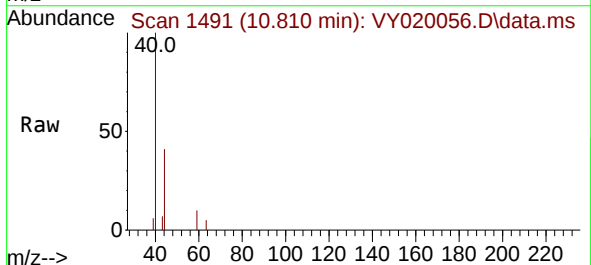
Instrument :  
MSVOA\_Y  
ClientSampleId :

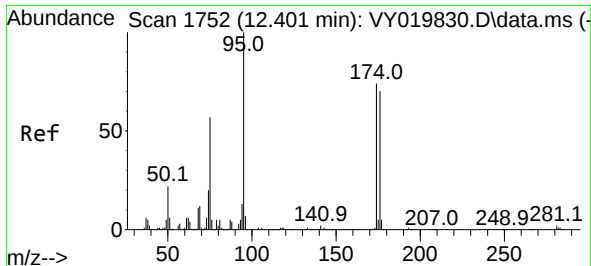
Tgt Ion: 63 Resp: 32  
Ion Ratio Lower Upper  
63 100  
106 0.0 23.7 35.5#



#59  
2-Hexanone  
Concen: 1.008 ug/l  
RT: 10.810 min Scan# 1491  
Delta R.T. 0.049 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

Tgt Ion: 43 Resp: 26  
Ion Ratio Lower Upper  
43 100  
58 0.0 31.4 94.0#

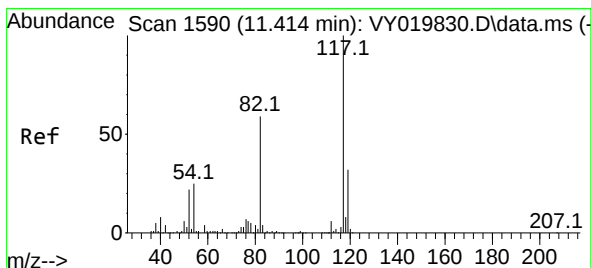
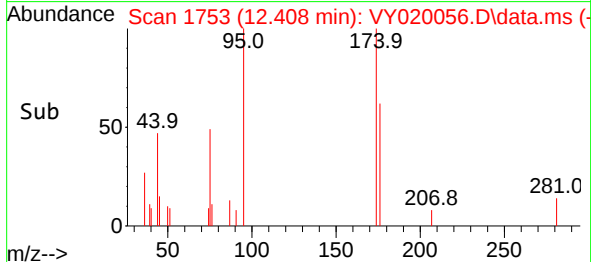
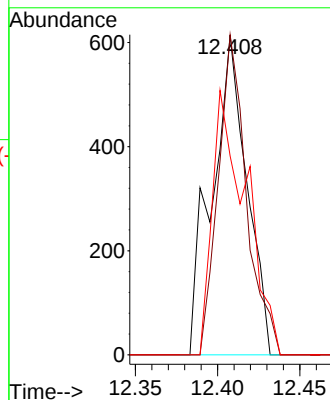
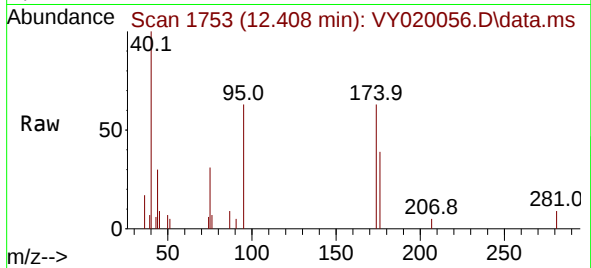




#62  
4-Bromofluorobenzene  
Concen: 14.683 ug/l  
RT: 12.408 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

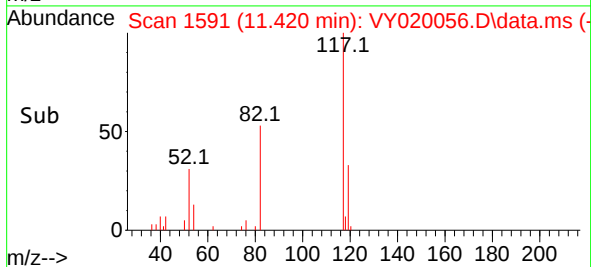
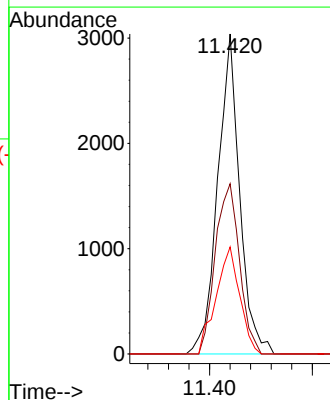
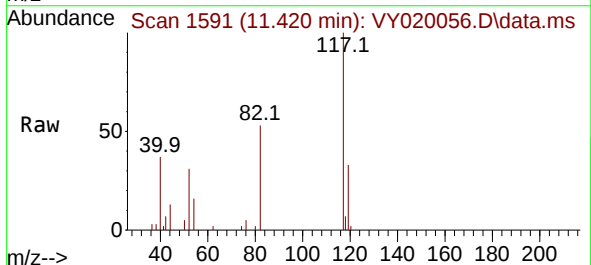
Instrument :  
MSVOA\_Y  
ClientSampleId :

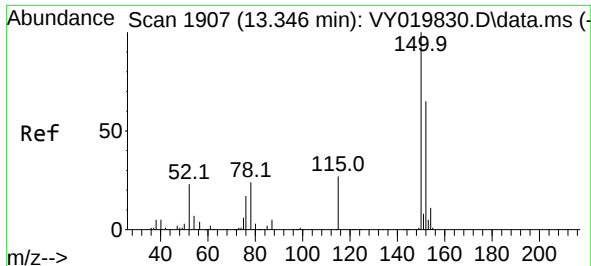
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 95    | Resp: | 905   |
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 174       | 81.4  | 0.0   | 175.6 |
| 176       | 80.4  | 0.0   | 171.4 |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.420 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

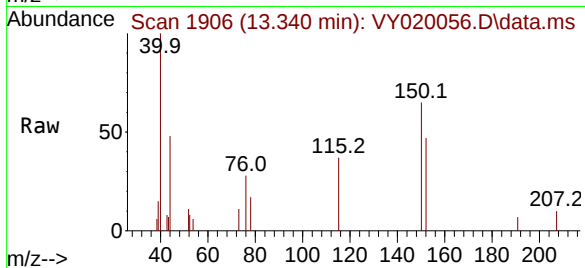
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 117   | Resp: | 4502 |
| Ion Ratio | Lower | Upper |      |
| 117       | 100   |       |      |
| 82        | 53.2  | 42.4  | 63.6 |
| 119       | 33.5  | 25.9  | 38.9 |



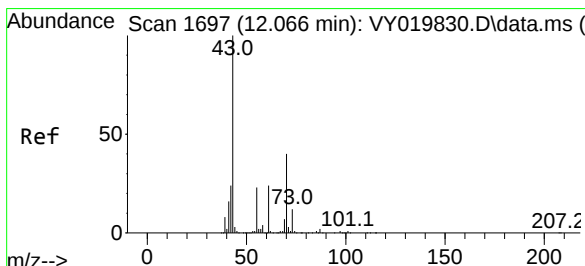
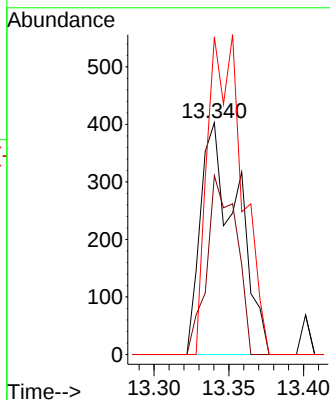
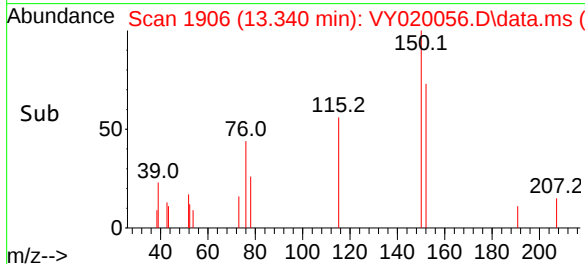


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.340 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

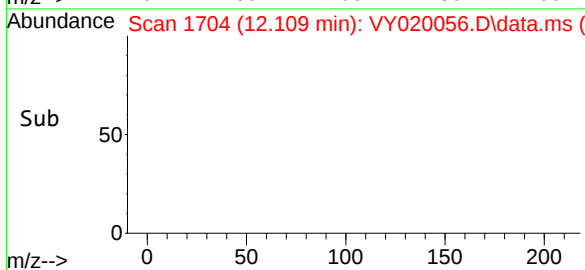
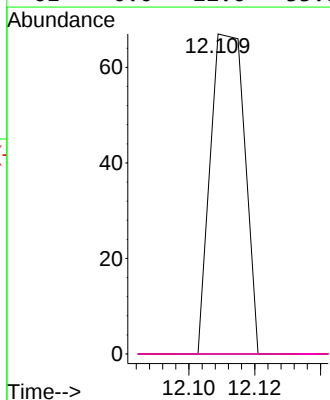
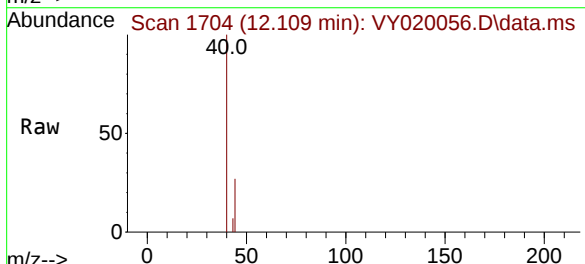


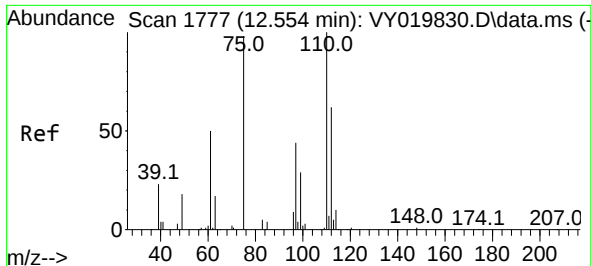
Tgt Ion:152 Resp: 686  
Ion Ratio Lower Upper  
152 100  
115 61.8 28.2 84.7  
150 130.9 0.0 345.6



#74  
N-ethyl acetate  
Concen: 3.206 ug/l  
RT: 12.109 min Scan# 1704  
Delta R.T. 0.037 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

Tgt Ion: 43 Resp: 49  
Ion Ratio Lower Upper  
43 100  
70 0.0 41.4 62.2#  
55 0.0 23.3 34.9#  
61 0.0 22.6 33.8#

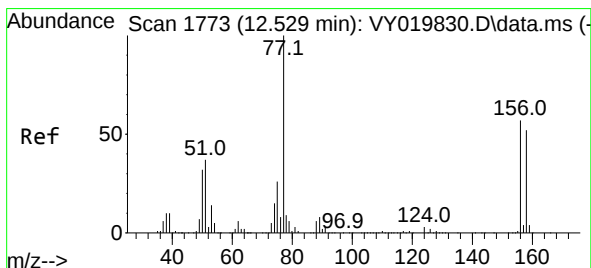
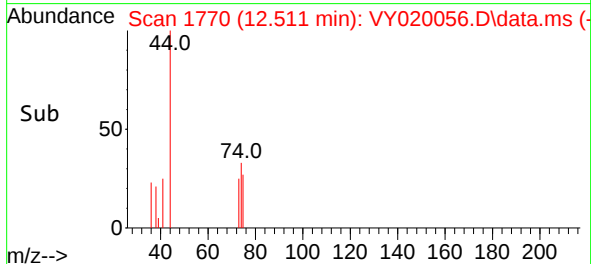
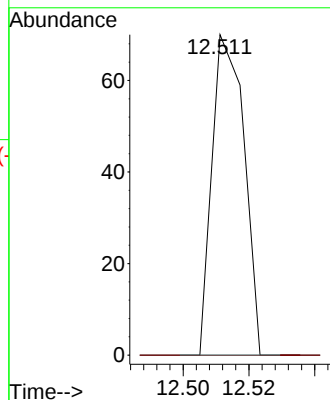
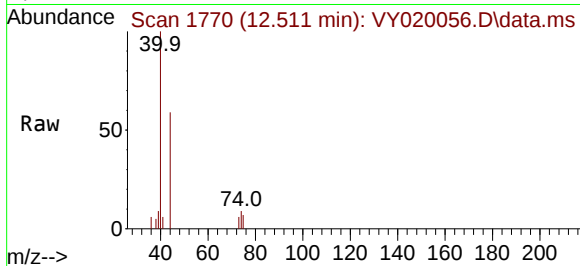




#76  
1,2,3-Trichloropropane  
Concen: 3.497 ug/l  
RT: 12.511 min Scan# 11  
Delta R.T. -0.048 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

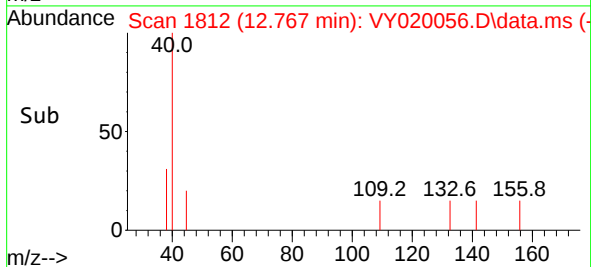
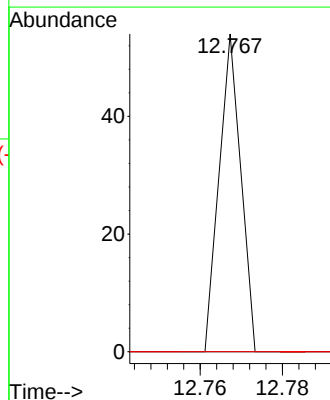
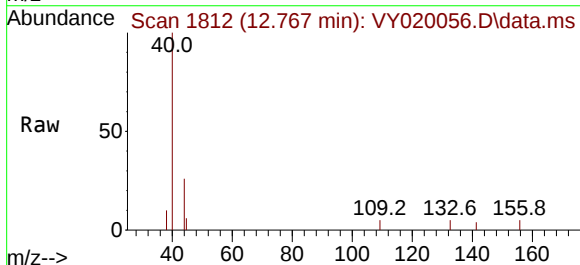
Instrument :  
MSVOA\_Y  
ClientSampleId :

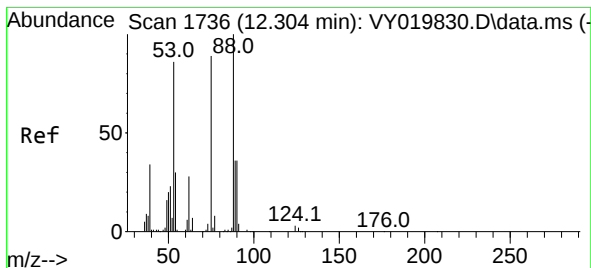
Tgt Ion: 75 Resp: 47  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



#77  
Bromobenzene  
Concen: 1.633 ug/l  
RT: 12.767 min Scan# 1812  
Delta R.T. 0.232 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

Tgt Ion: 156 Resp: 20  
Ion Ratio Lower Upper  
156 100  
77 0.0 87.1 261.3#  
158 0.0 48.6 145.9#

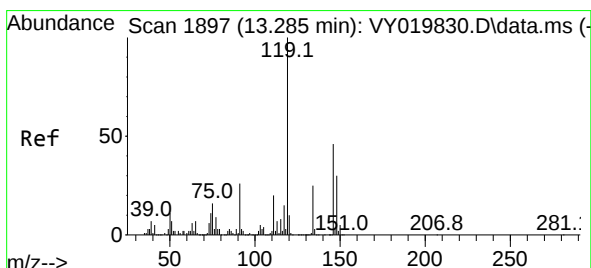
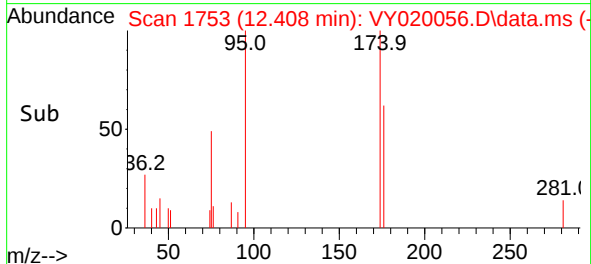
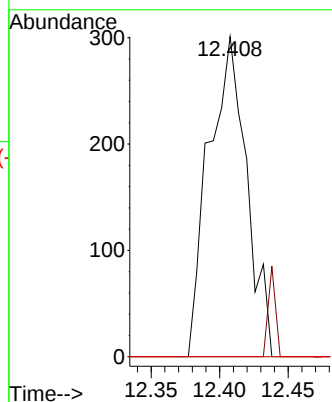
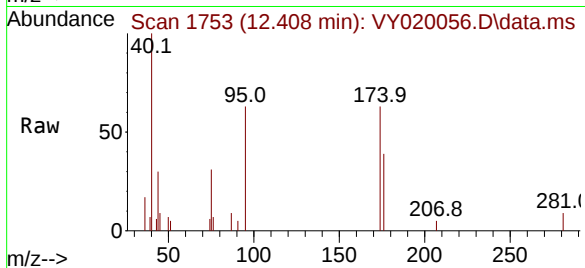




#81  
trans-1,4-Dichloro-2-butene  
Concen: 173.906 ug/l  
RT: 12.408 min Scan# 11  
Delta R.T. 0.104 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

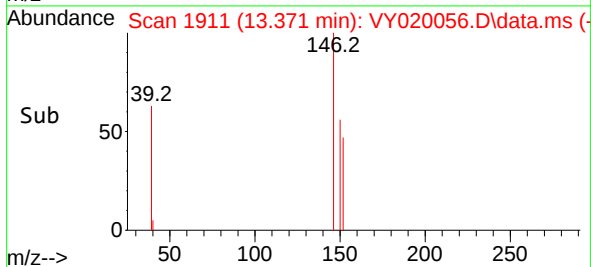
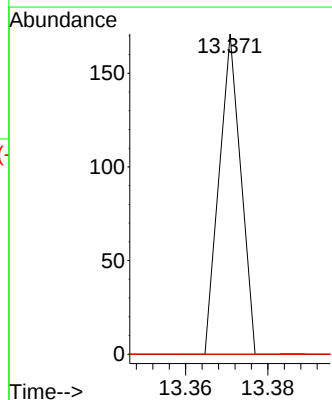
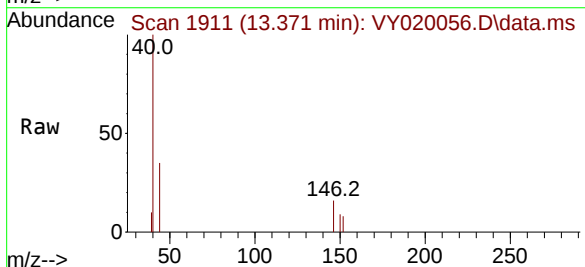
Instrument :  
MSVOA\_Y  
ClientSampleId :

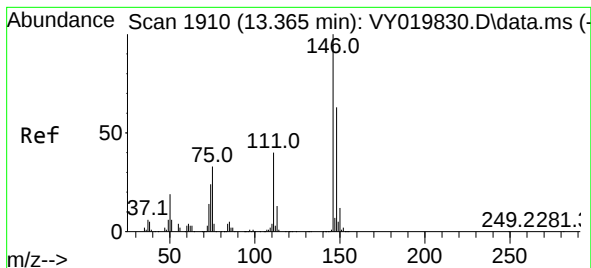
Tgt Ion: 75 Resp: 579  
Ion Ratio Lower Upper  
75 100  
53 0.0 66.8 100.2#  
89 0.0 35.8 53.6#



#87  
1,3-Dichlorobenzene  
Concen: 2.548 ug/l  
RT: 13.371 min Scan# 1911  
Delta R.T. 0.080 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

Tgt Ion:146 Resp: 63  
Ion Ratio Lower Upper  
146 100  
111 0.0 19.0 57.0#  
148 0.0 31.7 95.1#





#88

1,4-Dichlorobenzene

Concen: 2.593 ug/l

RT: 13.371 min Scan# 1910

Delta R.T. 0.000 min

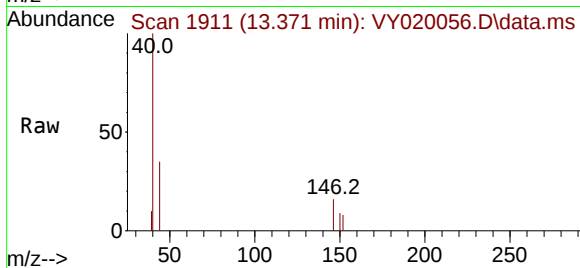
Lab File: VY020056.D

Acq: 29 Oct 2024 13:15

Instrument :

MSVOA\_Y

ClientSampleId :



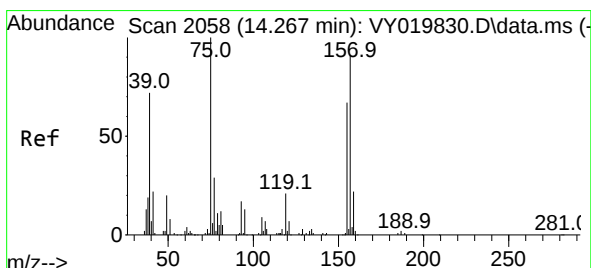
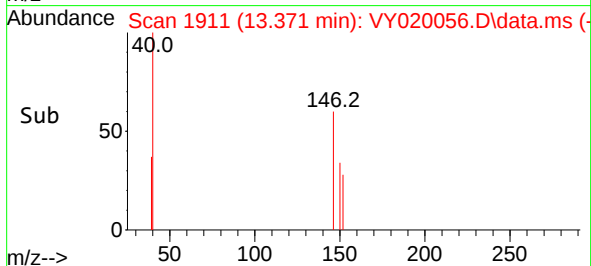
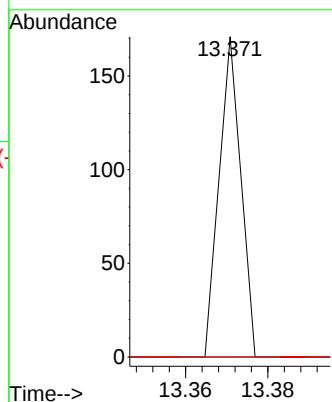
Tgt Ion:146 Resp: 63

Ion Ratio Lower Upper

146 100

111 0.0 18.4 55.4#

148 0.0 32.4 97.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.501 ug/l

RT: 14.395 min Scan# 2079

Delta R.T. 0.122 min

Lab File: VY020056.D

Acq: 29 Oct 2024 13:15

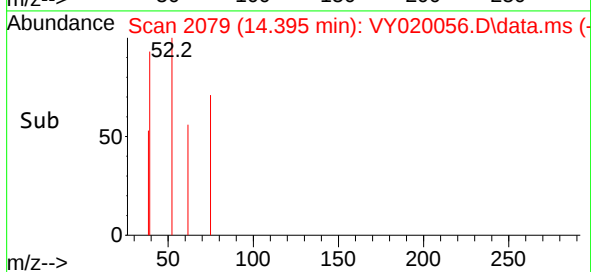
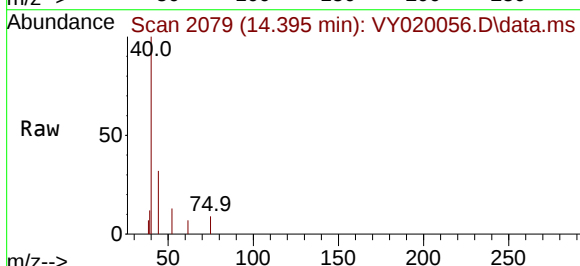
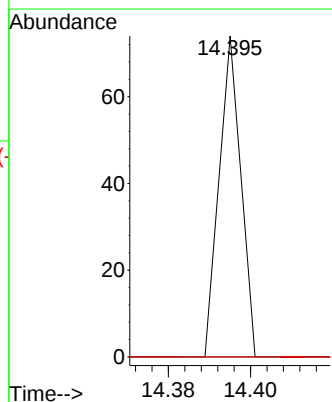
Tgt Ion: 75 Resp: 27

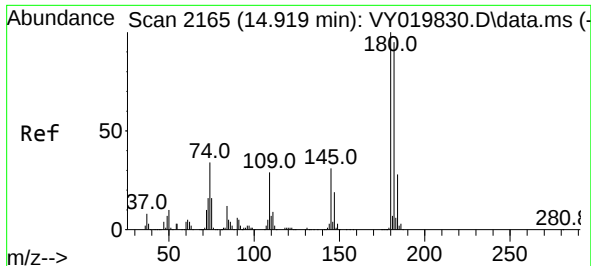
Ion Ratio Lower Upper

75 100

155 0.0 48.6 145.8#

157 0.0 62.7 188.2#

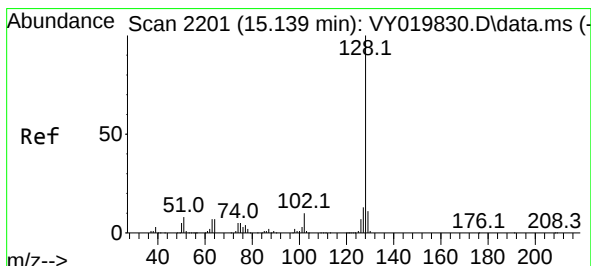
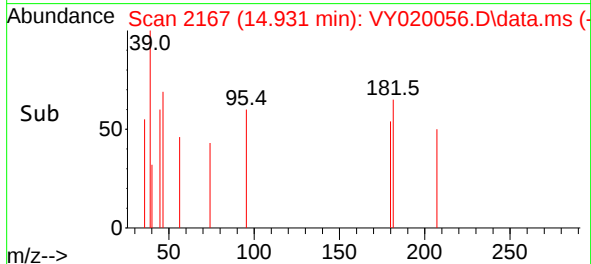
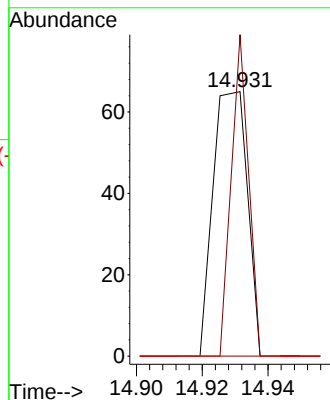
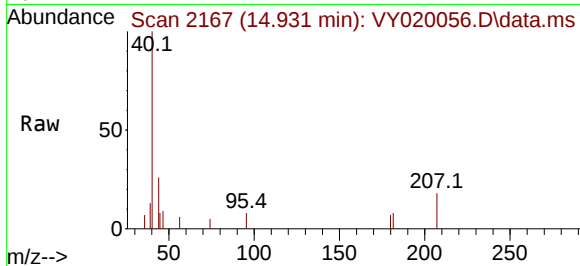




#93  
1,2,4-Trichlorobenzene  
Concen: 3.858 ug/l  
RT: 14.931 min Scan# 2165  
Delta R.T. 0.012 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

Instrument :  
MSVOA\_Y  
ClientSampleId :

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 61.7  | 47.9  | 143.8 |
| 145     | 0.0   | 14.2  | 42.6# |



#95  
Naphthalene  
Concen: 3.090 ug/l  
RT: 15.145 min Scan# 2202  
Delta R.T. 0.000 min  
Lab File: VY020056.D  
Acq: 29 Oct 2024 13:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 0.0   | 10.6  | 16.0# |
| 129     | 0.0   | 8.6   | 13.0# |

