

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY013024\  
 Data File : VY017146.D  
 Acq On : 30 Jan 2024 16:12  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VIBLK

Quant Time: Jan 31 00:28:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012424S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 25 04:44:10 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024  
 Supervised By :Mahesh Dadoda 01/31/2024

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) Pentafluorobenzene         | 7.807          | 168  | 117062     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.703          | 114  | 234426     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.501         | 117  | 227108     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.434         | 152  | 90150      | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.154          | 65   | 47555      | 41.695  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 50 - 163 |      | Recovery = | 83.380% |        |          |
| 35) Dibromofluoromethane      | 7.734          | 113  | 53600      | 37.884  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 54 - 147 |      | Recovery = | 75.760% |        |          |
| 50) Toluene-d8                | 10.191         | 98   | 212625     | 39.788  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 58 - 134 |      | Recovery = | 79.580% |        |          |
| 62) 4-Bromofluorobenzene      | 12.489         | 95   | 72291      | 43.913  | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 30 - 143 |      | Recovery = | 87.820% |        |          |
| Target Compounds              |                |      |            |         |        |          |
|                               |                |      |            |         | Qvalue |          |
| 8) Diethyl Ether              | 3.539          | 74   | 2222       | 3.294   | ug/l   | 94       |
| 11) Tert butyl alcohol        | 4.966          | 59   | 12012      | 138.237 | ug/l   | 99       |
| 13) Acrolein                  | 3.747          | 56   | 5476       | 40.033  | ug/l   | 100      |
| 15) Acrylonitrile             | 5.179          | 53   | 34246      | 116.991 | ug/l   | 99       |
| 16) Acetone                   | 3.960          | 43   | 35210      | 94.081  | ug/l   | 96       |
| 18) Methyl Acetate            | 4.497          | 43   | 28501      | 24.359  | ug/l   | 99       |
| 19) Methyl tert-butyl Ether   | 5.234          | 73   | 12634      | 4.320   | ug/l   | 95       |
| 23) Vinyl Acetate             | 6.076          | 43   | 7725       | 3.982   | ug/l # | 94       |
| 25) 2-Butanone                | 7.002          | 43   | 46427      | 99.872  | ug/l   | 98       |
| 28) Bromochloromethane        | 7.350          | 49   | 1794       | 1.847   | ug/l # | 95       |
| 29) Tetrahydrofuran           | 7.368          | 42   | 29234      | 126.404 | ug/l   | 98       |
| 37) Ethyl Acetate             | 7.094          | 43   | 15837      | 15.822  | ug/l   | 99       |
| 41) Methacrylonitrile         | 7.331          | 41   | 7840m      | 14.645  | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.252          | 62   | 4206       | 2.400   | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.289          | 43   | 19836      | 10.615  | ug/l # | 90       |
| 44) Trichloroethene           | 8.953          | 130  | 2858       | 1.648   | ug/l   | 95       |
| 46) Dibromomethane            | 9.313          | 93   | 3199       | 3.630   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.307          | 41   | 11158      | 10.754  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.319          | 88   | 4885       | 563.624 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 10.081         | 43   | 81843      | 82.335  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.483         | 75   | 3536       | 1.727   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 10.660         | 97   | 4528       | 3.676   | ug/l   | 94       |
| 56) Ethyl methacrylate        | 10.526         | 69   | 6919       | 6.424   | ug/l   | 95       |
| 57) 1,3-Dichloropropane       | 10.800         | 76   | 6650       | 3.194   | ug/l # | 83       |
| 58) 2-Chloroethyl Vinyl ether | 9.794          | 63   | 31457      | 42.075  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.843         | 43   | 61467      | 81.054  | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.995         | 129  | 3348       | 2.340   | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.099         | 107  | 5618       | 5.021   | ug/l   | 98       |
| 71) Bromoform                 | 12.215         | 173  | 5092       | 5.777   | ug/l # | 99       |
| 74) N-amyl acetate            | 12.154         | 43   | 12147      | 8.132   | ug/l # | 82       |
| 75) 1,1,2,2-Tetrachloroethane | 12.593         | 83   | 9069       | 6.417   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.641         | 75   | 9880m      | 9.029   | ug/l   |          |
| 81) trans-1,4-Dichloro-2-b... | 12.392         | 75   | 3427       | 8.108   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.367         | 75   | 3010       | 16.677  | ug/l   | 97       |
| 95) Naphthalene               | 15.245         | 128  | 16535      | 6.626   | ug/l   | 96       |
| 96) 1,2,3-Trichlorobenzene    | 15.440         | 180  | 1217       | 1.035   | ug/l # | 64       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY013024\  
Data File : VY017146.D  
Acq On : 30 Jan 2024 16:12  
Operator : SY/MD  
Sample : VIBLK  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024

Quant Time: Jan 31 00:28:49 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012424S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 25 04:44:10 2024  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

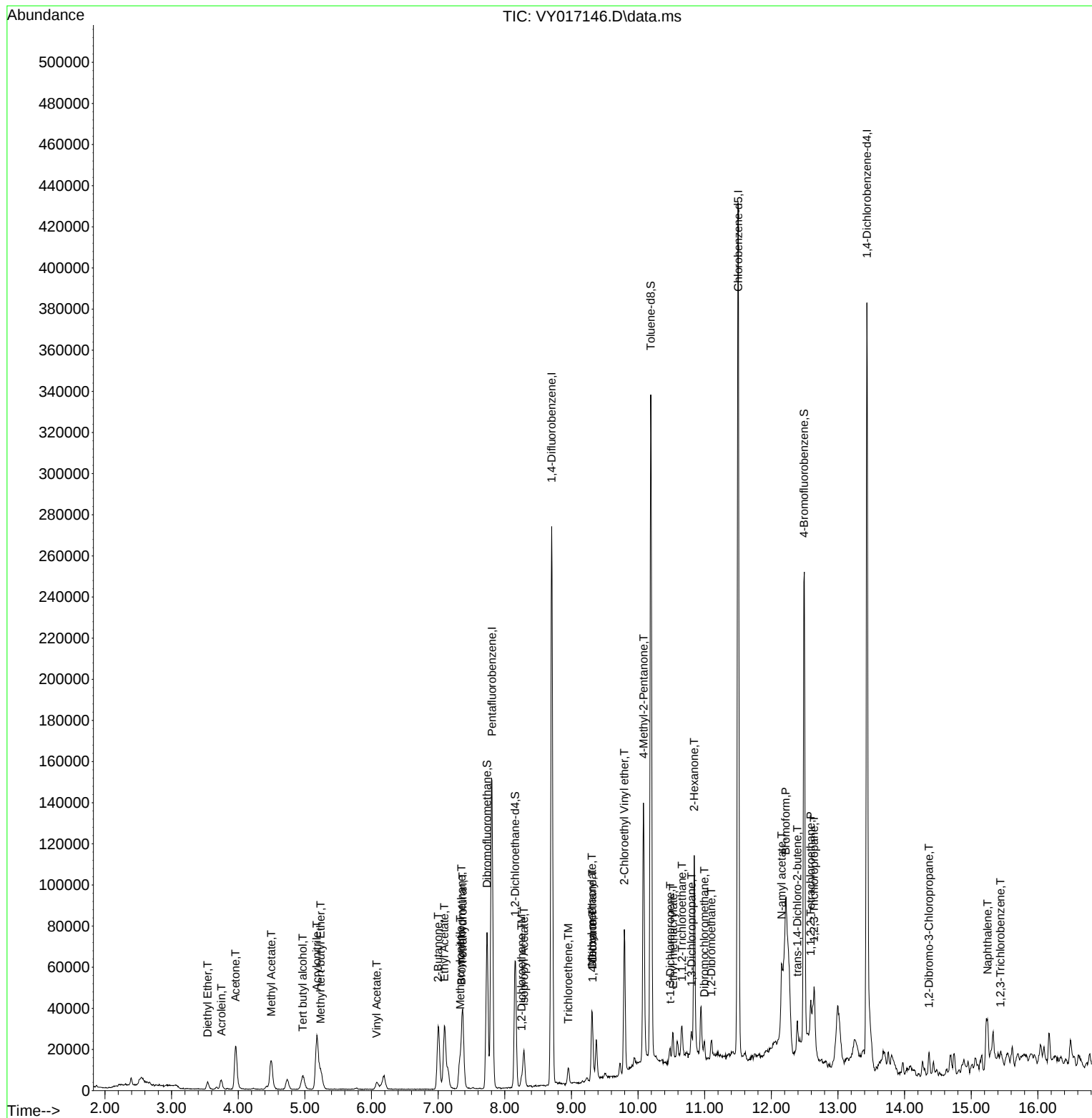
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Data File : VY017146.D  
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Operator : SY/MD  
Sample : VIBLK  
Misc : 5.00g/5.0mL/MSVOA\_Y/soil  
ALS Vial : 16 Sample Multiplier: 1

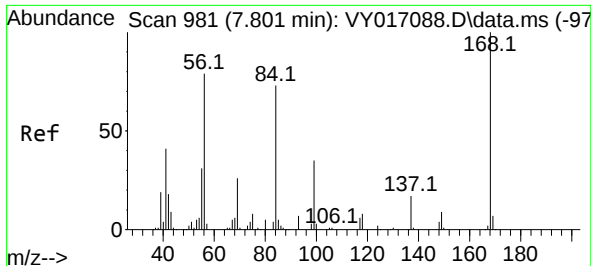
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

Quant Time: Jan 31 00:28:49 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y012424S.M  
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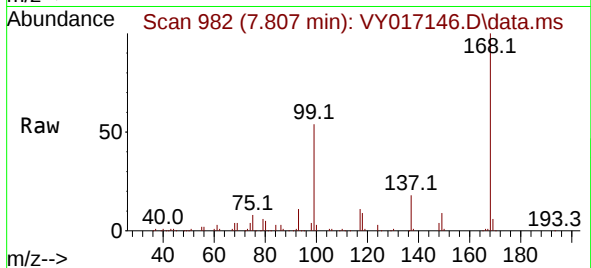
Reviewed By : Semsettin Yesilyurt 01/31/2024  
Supervised By : Mahesh Dadoda 01/31/2024





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.807 min Scan# 981  
Delta R.T. 0.006 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

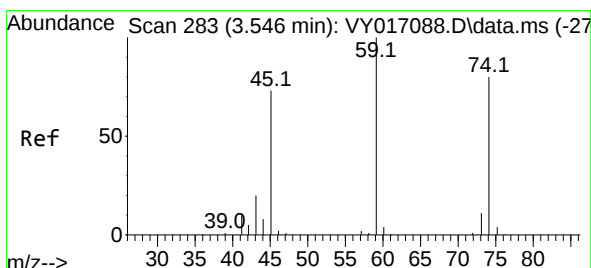
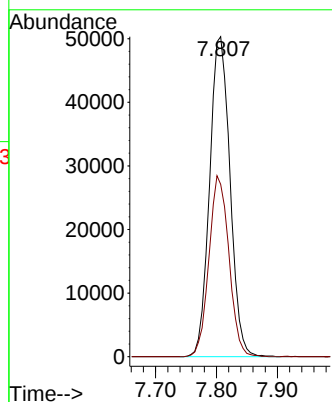
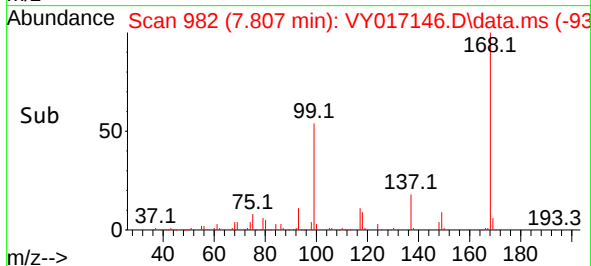
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK



Tgt Ion:168 Resp: 117062  
Ion Ratio Lower Upper  
168 100  
99 53.9 44.2 66.4

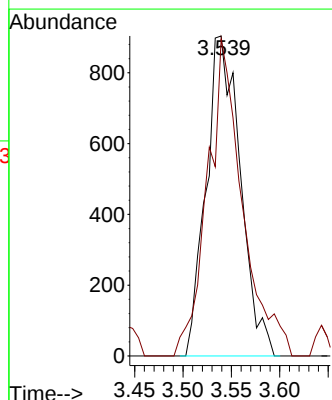
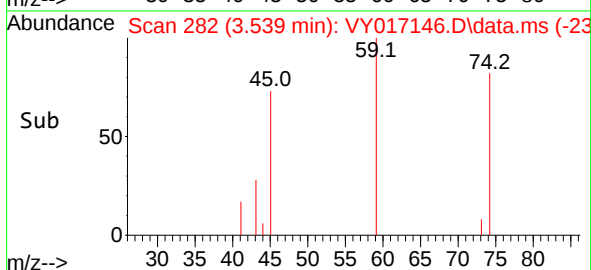
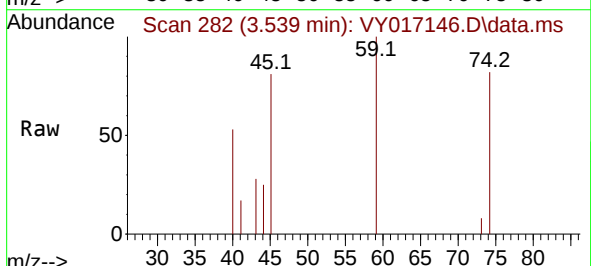
Manual Integrations  
APPROVED

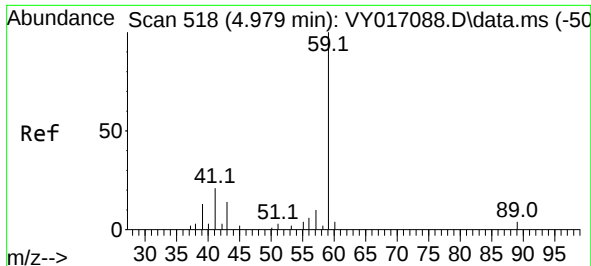
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024



#8  
Diethyl Ether  
Concen: 3.294 ug/l  
RT: 3.539 min Scan# 282  
Delta R.T. -0.001 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Tgt Ion: 74 Resp: 2222  
Ion Ratio Lower Upper  
74 100  
45 101.4 47.9 143.7





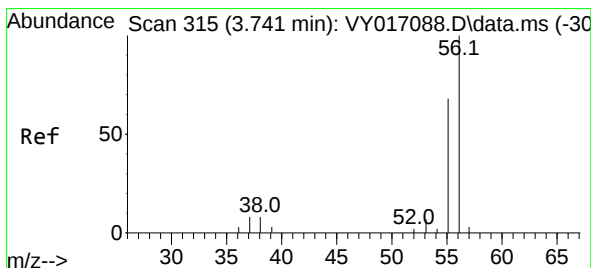
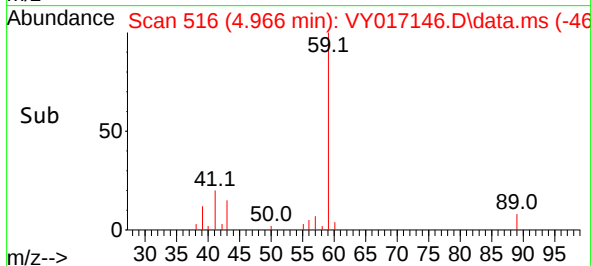
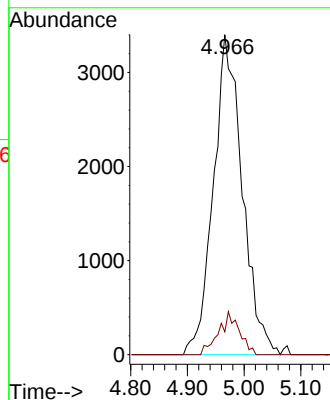
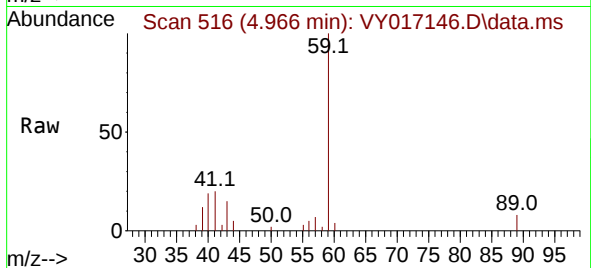
#11  
Tert butyl alcohol  
Concen: 138.237 ug/l  
RT: 4.966 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

Tgt Ion: 59 Resp: 1201  
Ion Ratio Lower Upper  
59 100  
57 9.6 7.4 11.0

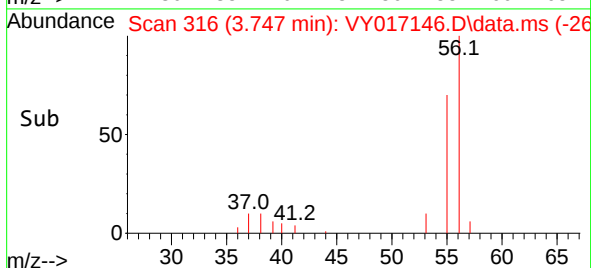
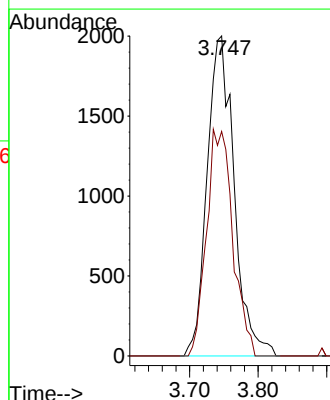
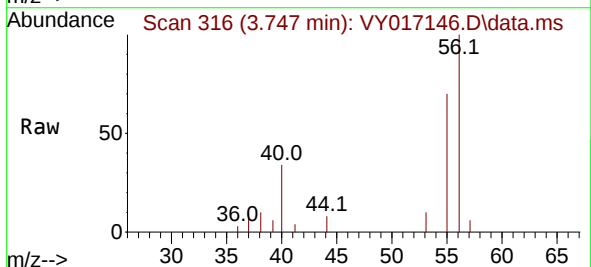
Manual Integrations  
APPROVED

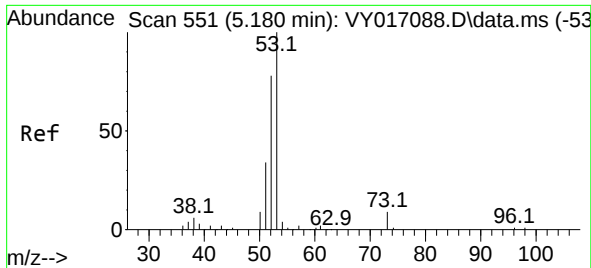
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024



#13  
Acrolein  
Concen: 40.033 ug/l  
RT: 3.747 min Scan# 316  
Delta R.T. 0.006 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

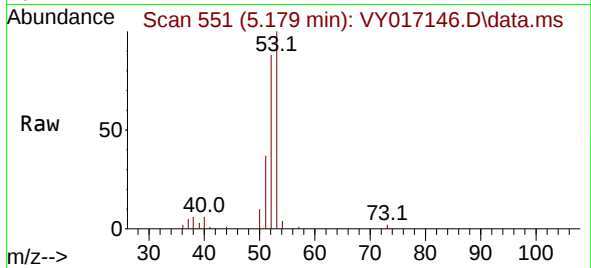
Tgt Ion: 56 Resp: 5476  
Ion Ratio Lower Upper  
56 100  
55 68.9 55.4 83.0





#15  
Acrylonitrile  
Concen: 116.991 ug/l  
RT: 5.179 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

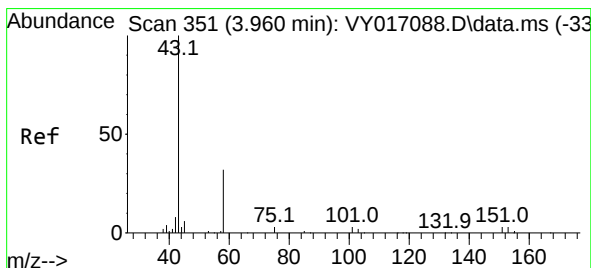
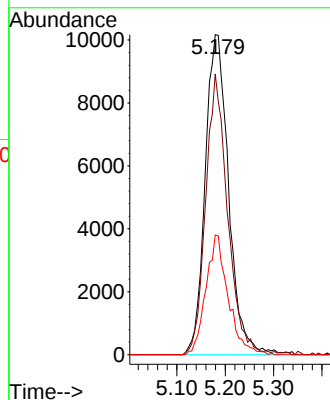
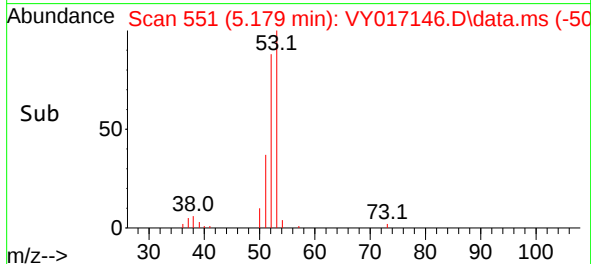
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK



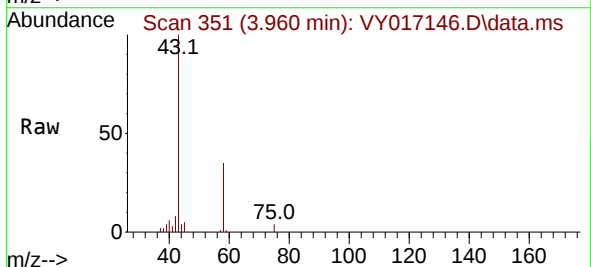
Tgt Ion: 53 Resp: 34240  
Ion Ratio Lower Upper  
53 100  
52 81.9 65.1 97.7  
51 35.5 29.0 43.4

Manual Integrations  
APPROVED

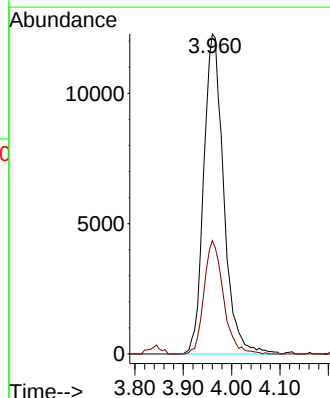
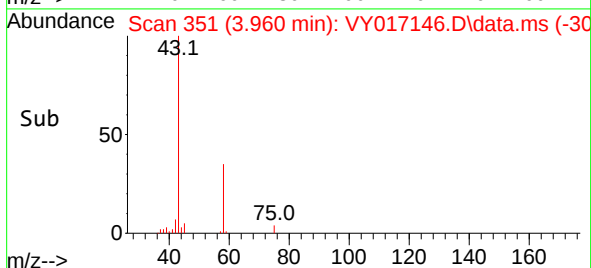
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024

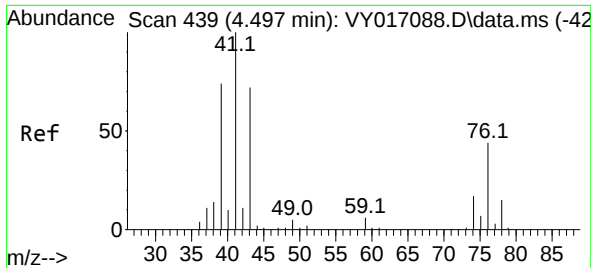


#16  
Acetone  
Concen: 94.081 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12



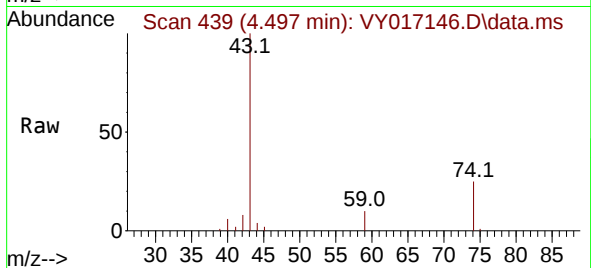
Tgt Ion: 43 Resp: 35210  
Ion Ratio Lower Upper  
43 100  
58 35.4 26.6 39.8





#18  
Methyl Acetate  
Concen: 24.359 ug/l  
RT: 4.497 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

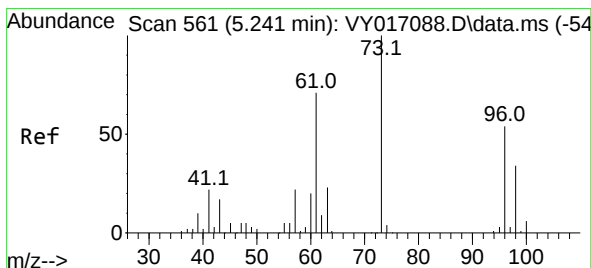
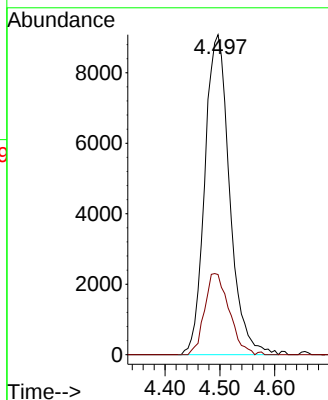
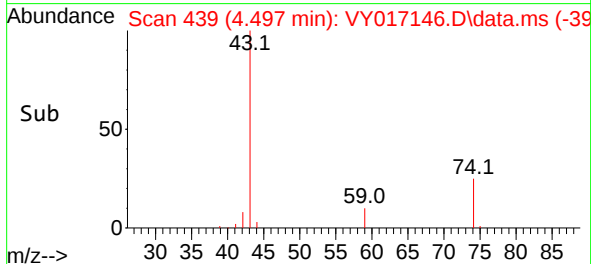
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK



Tgt Ion: 43 Resp: 2850  
Ion Ratio Lower Upper  
43 100  
74 25.1 19.8 29.6

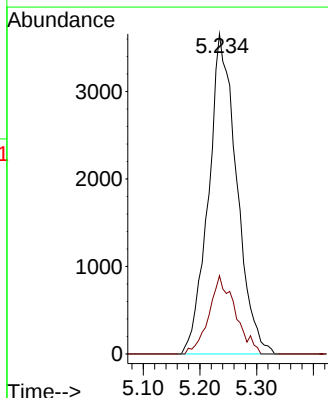
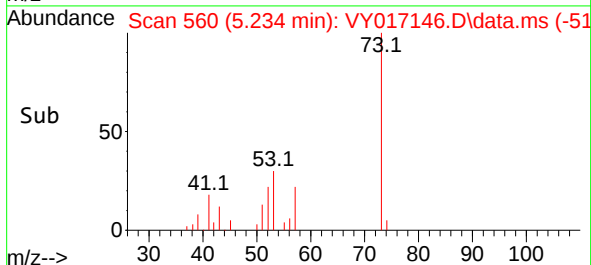
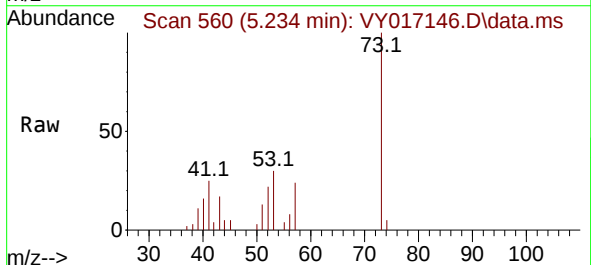
Manual Integrations  
APPROVED

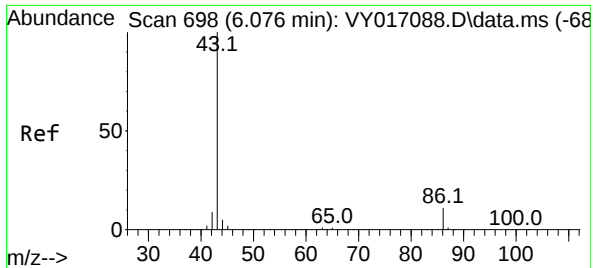
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024



#19  
Methyl tert-butyl Ether  
Concen: 4.320 ug/l  
RT: 5.234 min Scan# 560  
Delta R.T. 0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

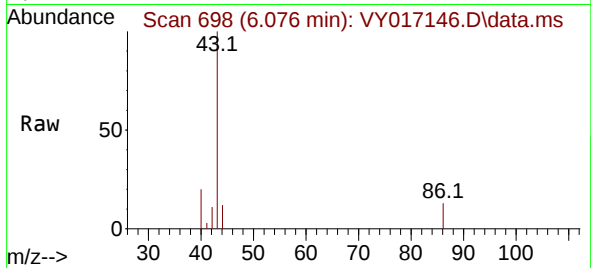
Tgt Ion: 73 Resp: 12634  
Ion Ratio Lower Upper  
73 100  
57 24.5 17.7 26.5





#23  
 Vinyl Acetate  
 Concen: 3.982 ug/l  
 RT: 6.076 min Scan# 698  
 Delta R.T. -0.000 min  
 Lab File: VY017146.D  
 Acq: 30 Jan 2024 16:12

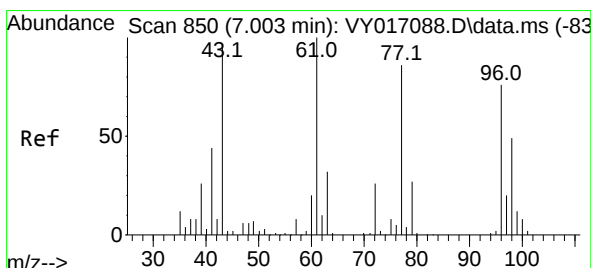
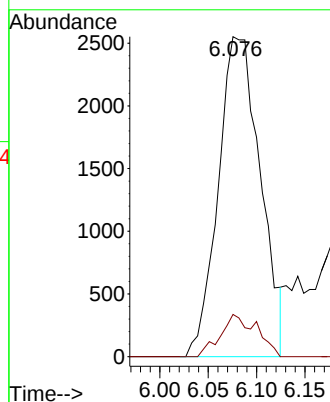
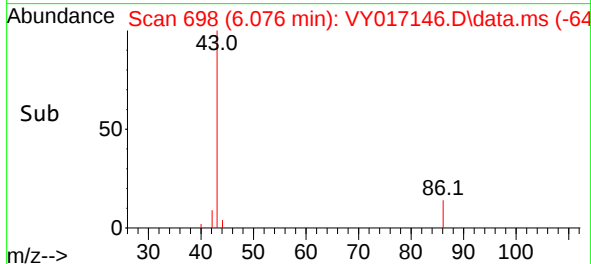
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VIBLK



Tgt Ion: 43 Resp: 7725  
 Ion Ratio Lower Upper  
 43 100  
 86 13.2 8.6 13.0

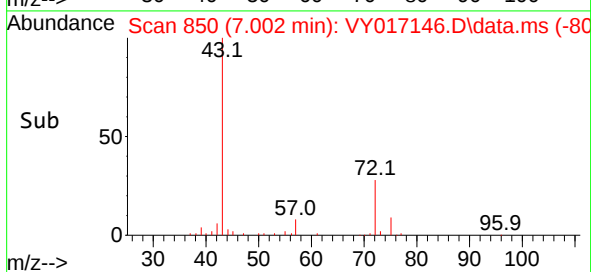
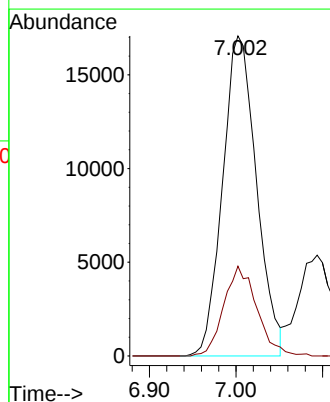
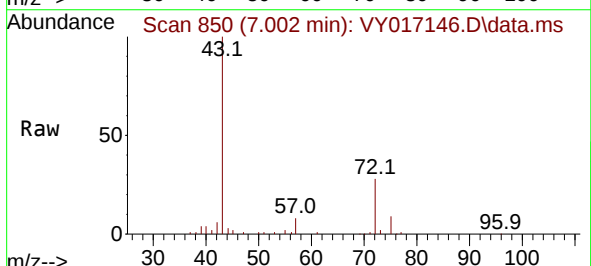
Manual Integrations  
 APPROVED

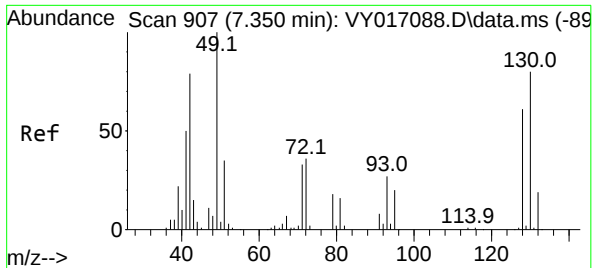
Reviewed By :Semsettin Yesilyurt 01/31/2024  
 Supervised By :Mahesh Dadoda 01/31/2024



#25  
 2-Butanone  
 Concen: 99.872 ug/l  
 RT: 7.002 min Scan# 850  
 Delta R.T. 0.006 min  
 Lab File: VY017146.D  
 Acq: 30 Jan 2024 16:12

Tgt Ion: 43 Resp: 46427  
 Ion Ratio Lower Upper  
 43 100  
 72 28.1 21.4 32.2





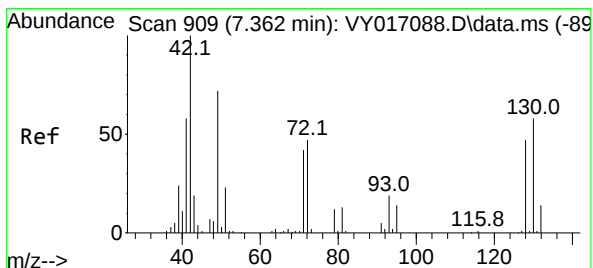
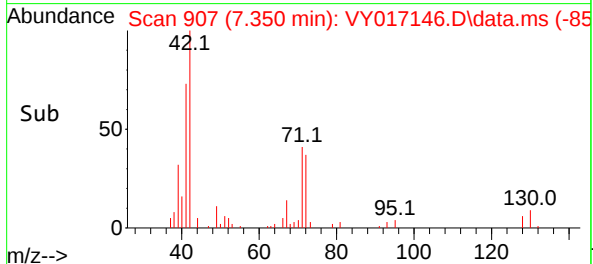
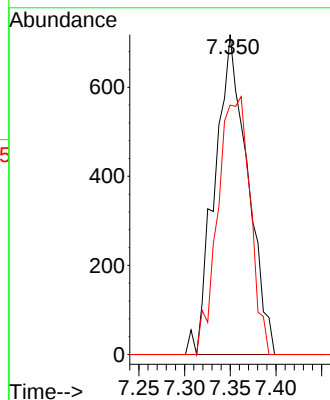
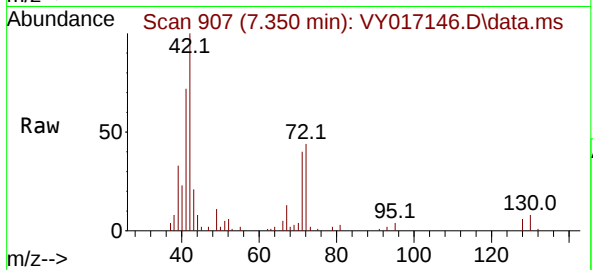
#28  
Bromochloromethane  
Concen: 1.847 ug/l  
RT: 7.350 min Scan# 907  
Delta R.T. -0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

Tgt Ion: 49 Resp: 1794  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.8  
130 79.3 59.8 89.8

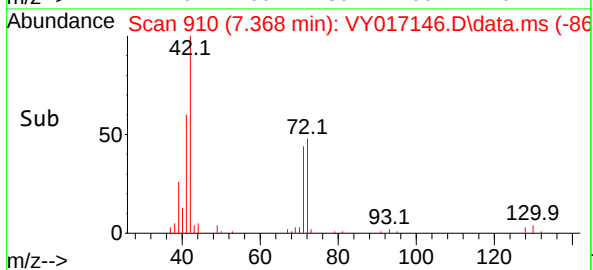
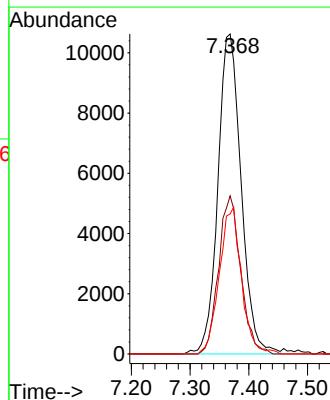
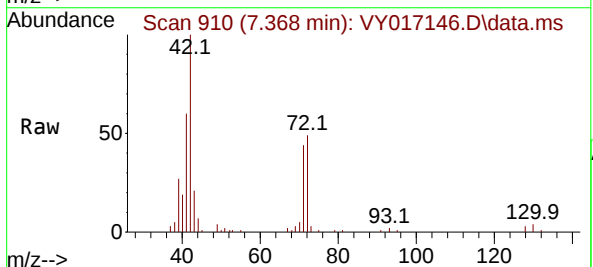
Manual Integrations  
APPROVED

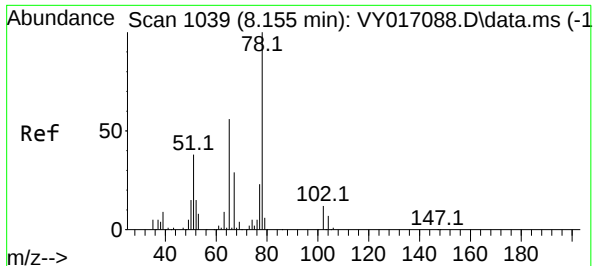
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024



#29  
Tetrahydrofuran  
Concen: 126.404 ug/l  
RT: 7.368 min Scan# 910  
Delta R.T. 0.006 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Tgt Ion: 42 Resp: 29234  
Ion Ratio Lower Upper  
42 100  
72 46.9 36.6 54.8  
71 43.5 33.8 50.6





#33

1,2-Dichloroethane-d4

Concen: 41.695 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.001 min

Lab File: VY017146.D

Acq: 30 Jan 2024 16:12

Instrument :

MSVOA\_Y

ClientSampleId :

VIBLK

Tgt Ion: 65 Resp: 4755

Ion Ratio Lower Upper

65 100

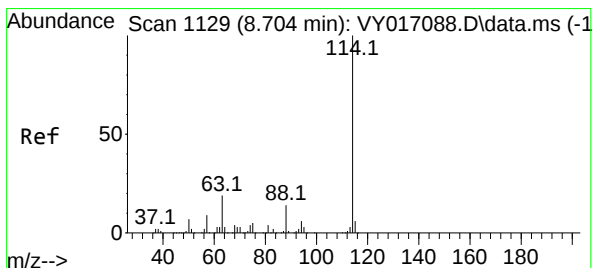
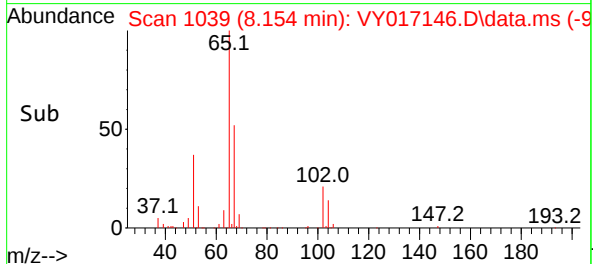
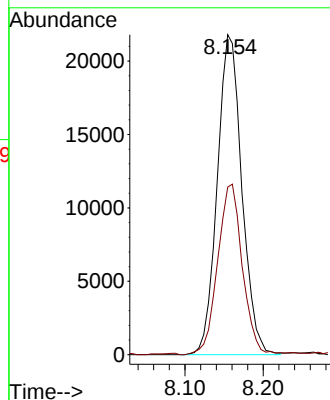
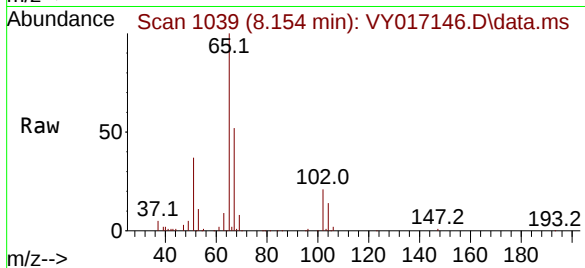
67 53.6 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024

Supervised By :Mahesh Dadoda 01/31/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY017146.D

Acq: 30 Jan 2024 16:12

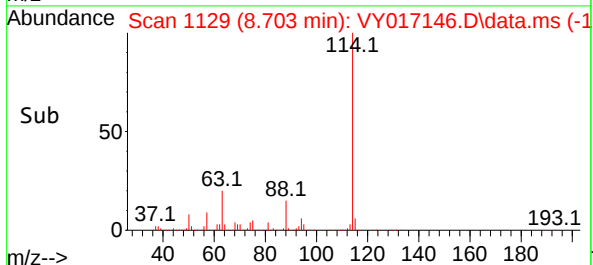
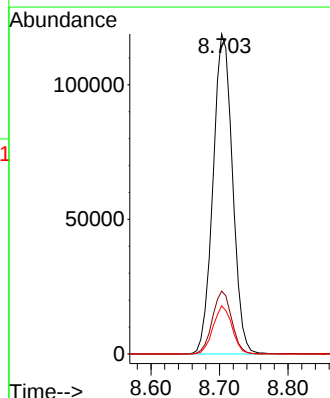
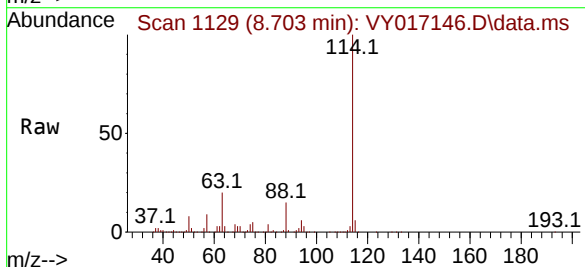
Tgt Ion:114 Resp: 234426

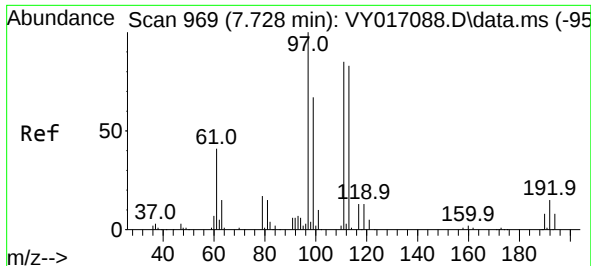
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

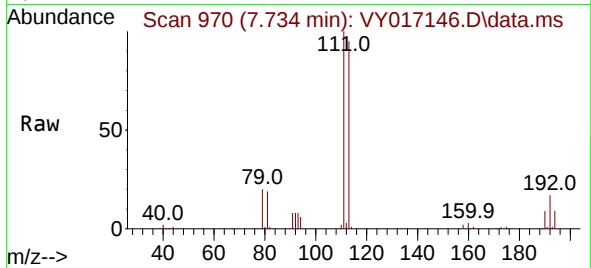
88 15.1 0.0 29.0





#35  
Dibromofluoromethane  
Concen: 37.884 ug/l  
RT: 7.734 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

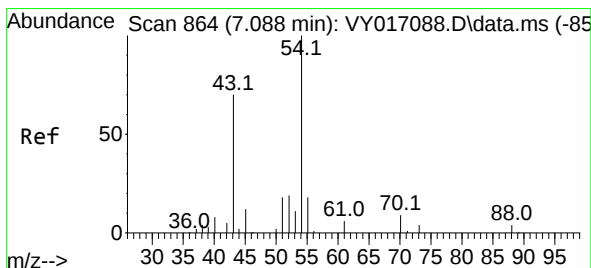
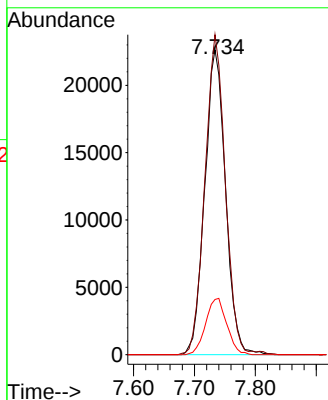
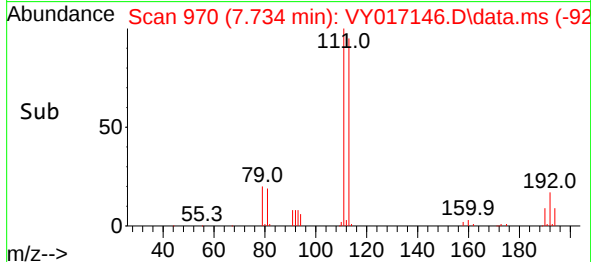
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK



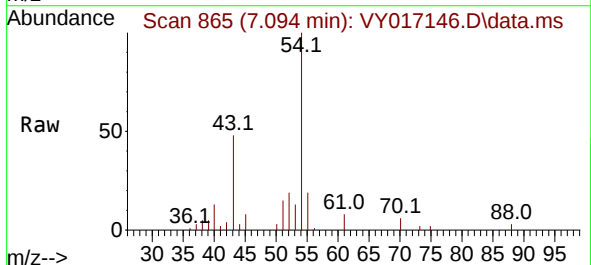
Tgt Ion:113 Resp: 53600  
Ion Ratio Lower Upper  
113 100  
111 103.3 83.8 125.6  
192 18.7 14.5 21.7

Manual Integrations  
APPROVED

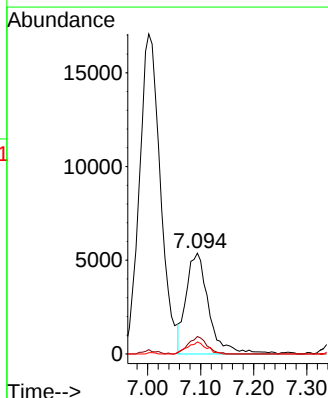
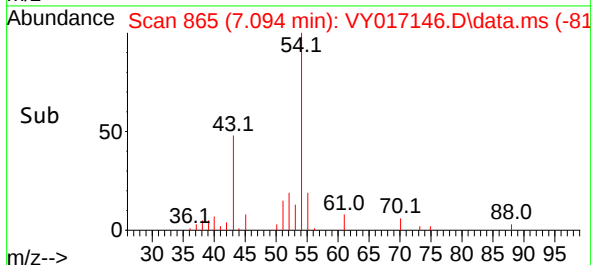
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024

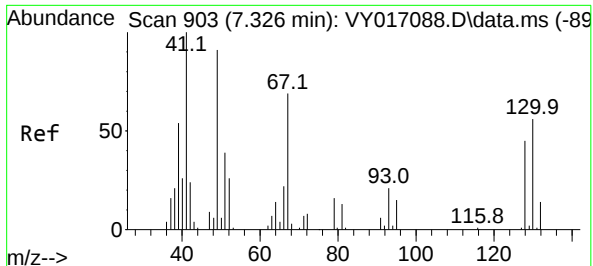


#37  
Ethyl Acetate  
Concen: 15.822 ug/l  
RT: 7.094 min Scan# 865  
Delta R.T. 0.006 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12



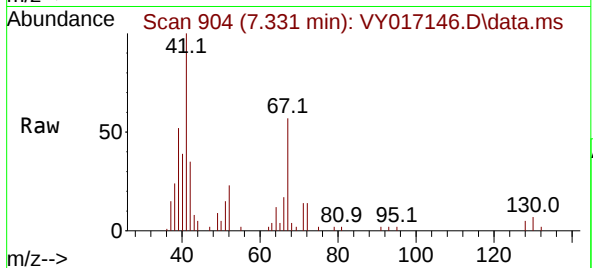
Tgt Ion: 43 Resp: 15837  
Ion Ratio Lower Upper  
43 100  
61 14.1 11.0 16.6  
70 10.0 8.1 12.1





#41  
Methacrylonitrile  
Concen: 14.645 ug/l m  
RT: 7.331 min Scan# 904  
Delta R.T. 0.012 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

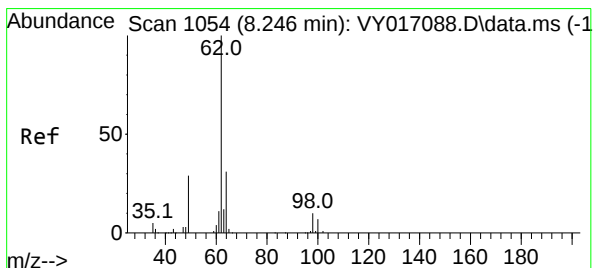
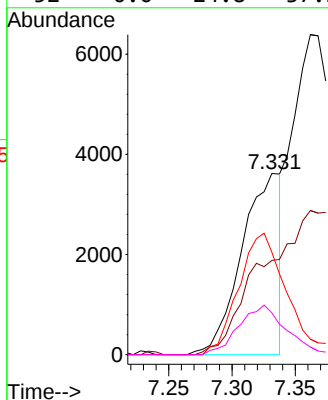
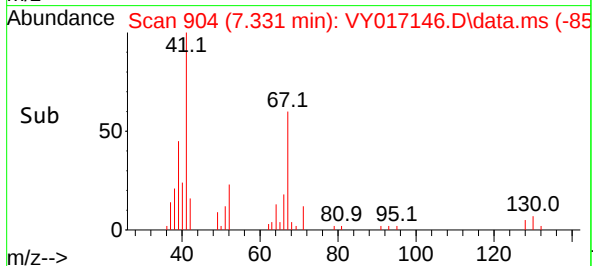
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK



Tgt Ion: 41 Resp: 7840  
Ion Ratio Lower Upper  
41 100  
39 0.0 41.9 62.9  
67 0.0 59.8 89.6  
52 0.0 24.8 37.2

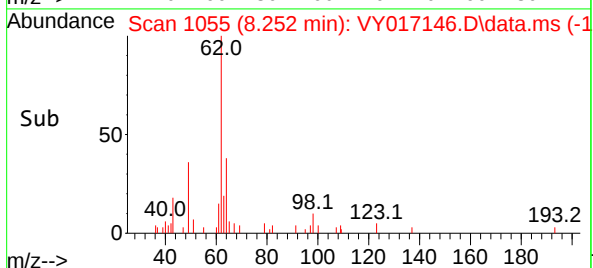
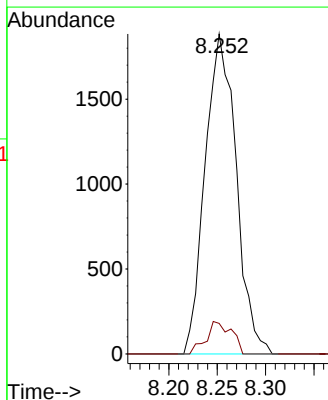
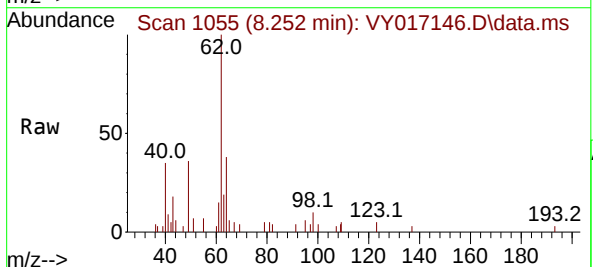
Manual Integrations  
APPROVED

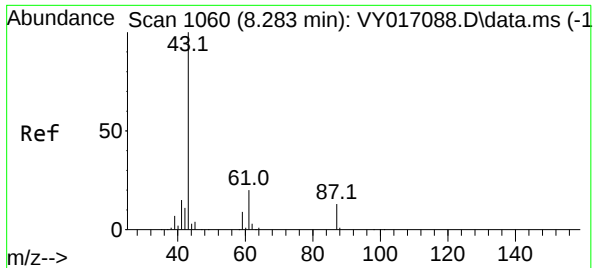
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024



#42  
1,2-Dichloroethane  
Concen: 2.400 ug/l  
RT: 8.252 min Scan# 1055  
Delta R.T. 0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Tgt Ion: 62 Resp: 4206  
Ion Ratio Lower Upper  
62 100  
98 8.3 0.0 20.2





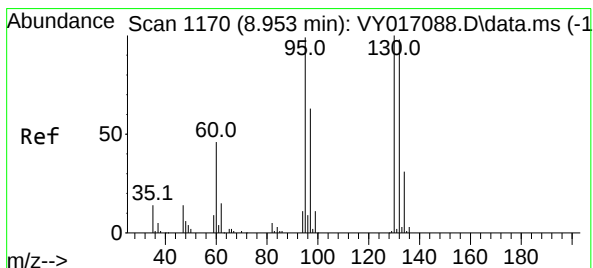
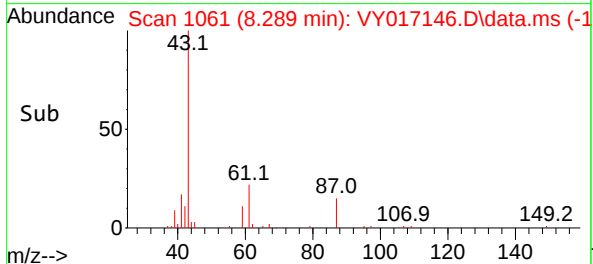
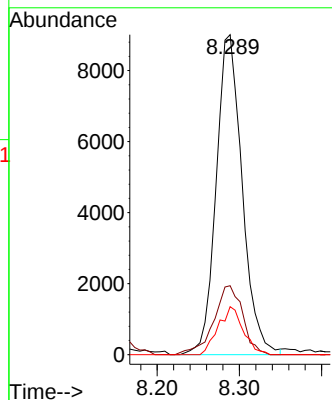
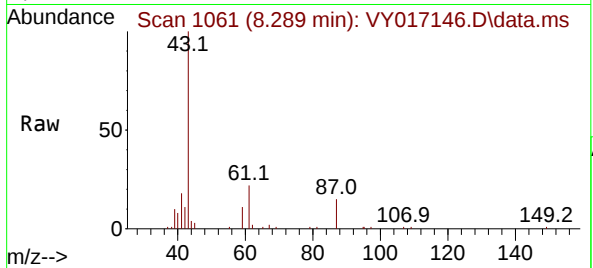
#43  
Isopropyl Acetate  
Concen: 10.615 ug/l  
RT: 8.289 min Scan# 1061  
Delta R.T. 0.006 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

Tgt Ion: 43 Resp: 1983  
Ion Ratio Lower Upper  
43 100  
61 24.0 24.8 37.2  
87 14.4 10.7 16.1

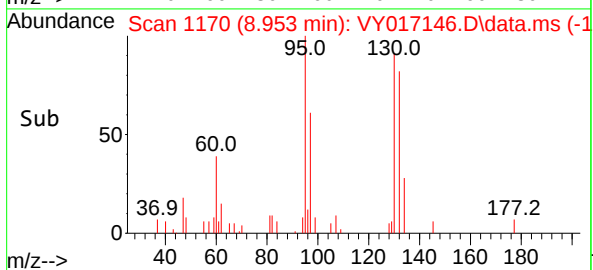
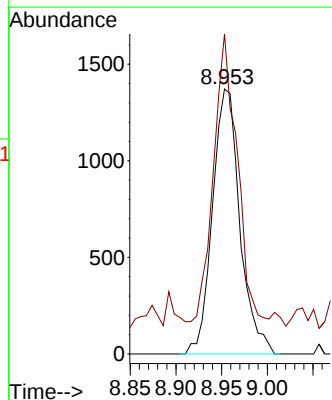
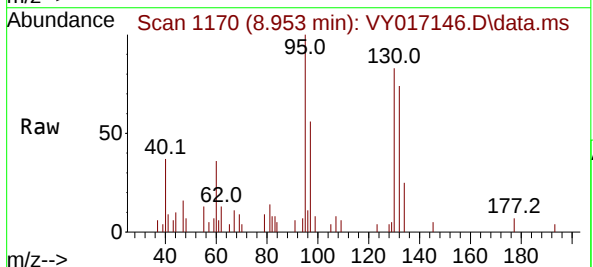
Manual Integrations  
APPROVED

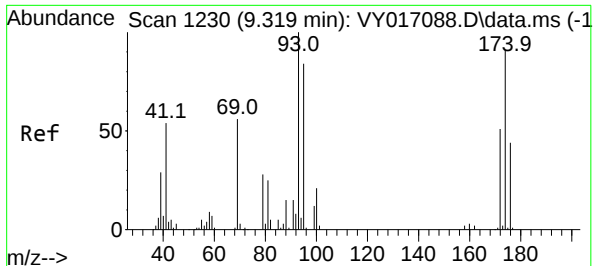
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024



#44  
Trichloroethene  
Concen: 1.648 ug/l  
RT: 8.953 min Scan# 1170  
Delta R.T. 0.006 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

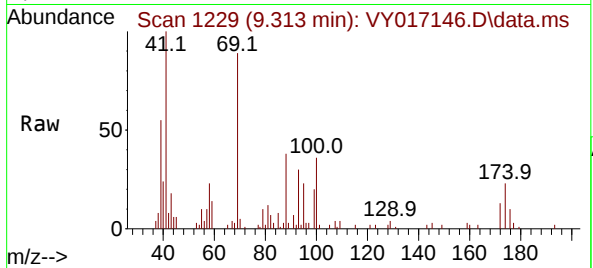
Tgt Ion:130 Resp: 2858  
Ion Ratio Lower Upper  
130 100  
95 107.0 0.0 203.8





#46  
Dibromomethane  
Concen: 3.630 ug/l  
RT: 9.313 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

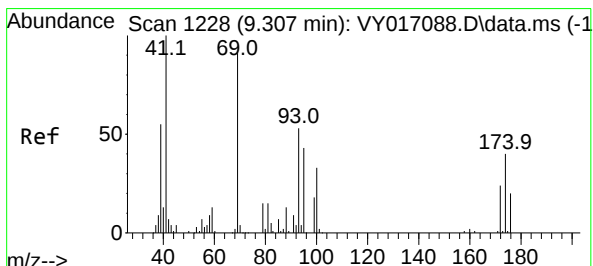
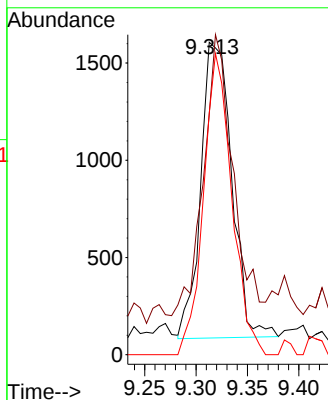
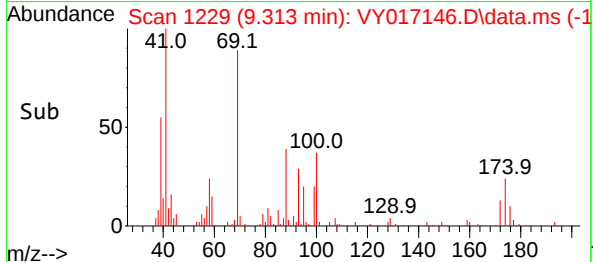
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK



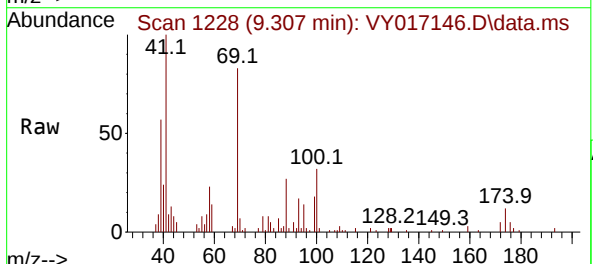
Tgt Ion: 93 Resp: 3199  
Ion Ratio Lower Upper  
93 100  
95 88.8 66.6 99.8  
174 93.2 73.8 110.6

Manual Integrations  
APPROVED

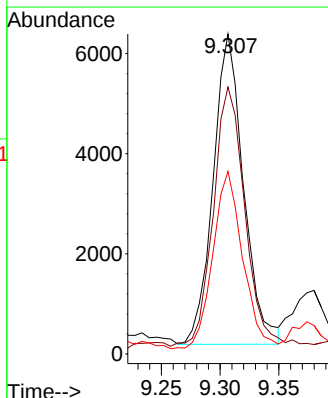
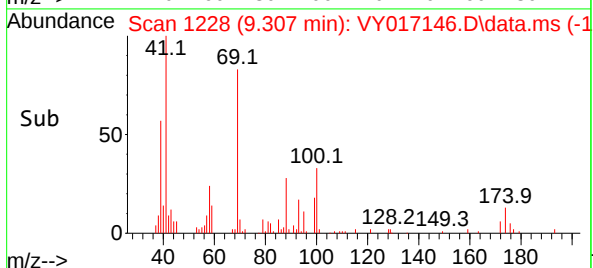
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024

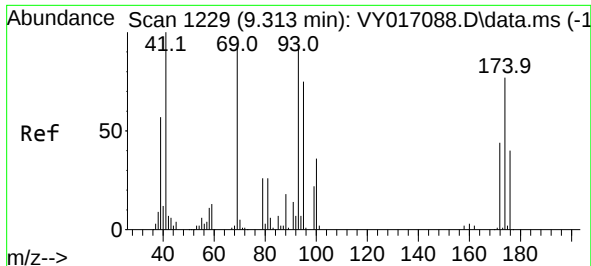


#48  
Methyl methacrylate  
Concen: 10.754 ug/l  
RT: 9.307 min Scan# 1228  
Delta R.T. 0.006 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12



Tgt Ion: 41 Resp: 11158  
Ion Ratio Lower Upper  
41 100  
69 86.8 72.1 108.1  
39 55.4 42.8 64.2





#49

1,4-Dioxane

Concen: 563.624 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017146.D

Acq: 30 Jan 2024 16:12

Instrument :

MSVOA\_Y

ClientSampleId :

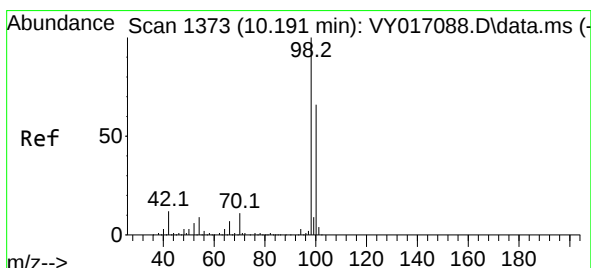
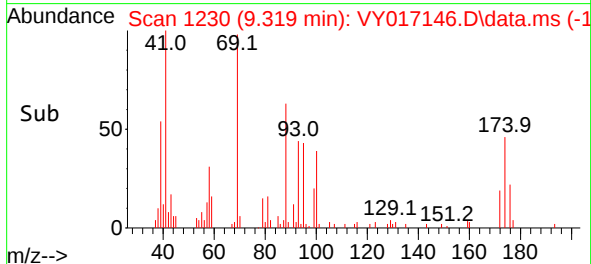
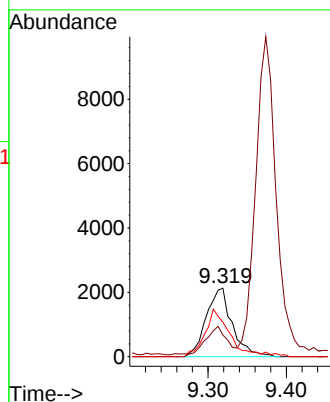
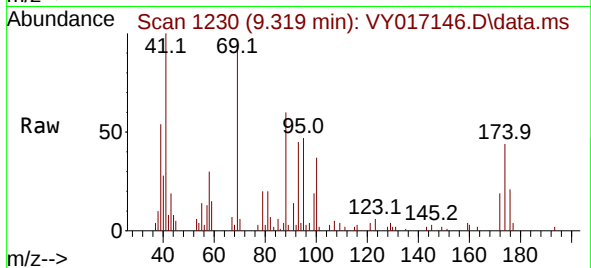
VIBLK

|             |             |
|-------------|-------------|
| Tgt Ion: 88 | Resp: 488   |
| Ion Ratio   | Lower Upper |
| 88 100      |             |
| 43 33.6     | 28.2 42.4   |
| 58 67.3     | 52.2 78.2   |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024



#50

Toluene-d8

Concen: 39.788 ug/l

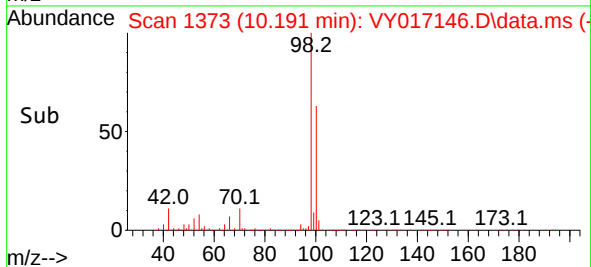
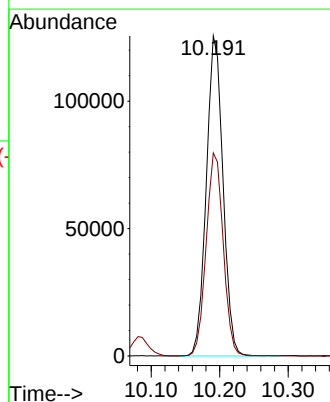
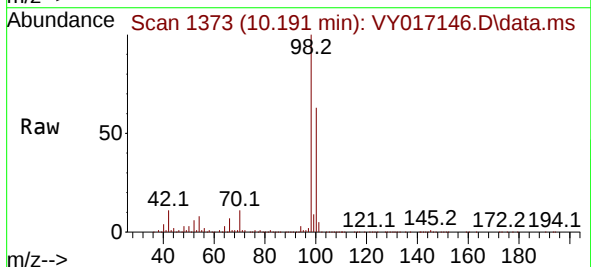
RT: 10.191 min Scan# 1373

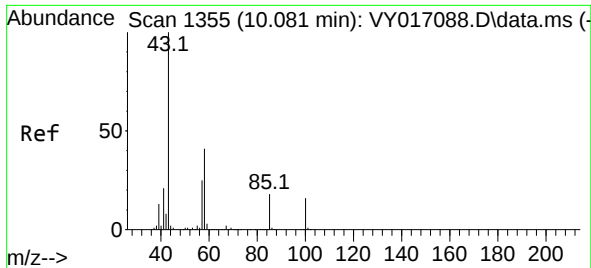
Delta R.T. -0.000 min

Lab File: VY017146.D

Acq: 30 Jan 2024 16:12

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 212625 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 64.8    | 52.3 78.5    |





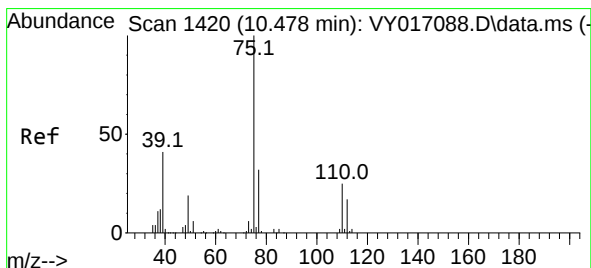
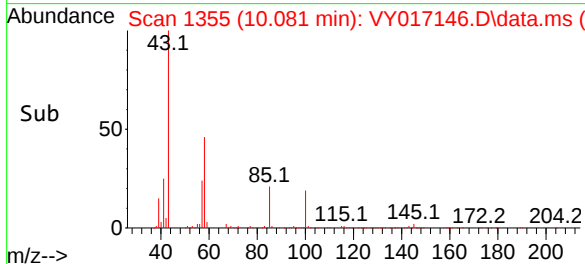
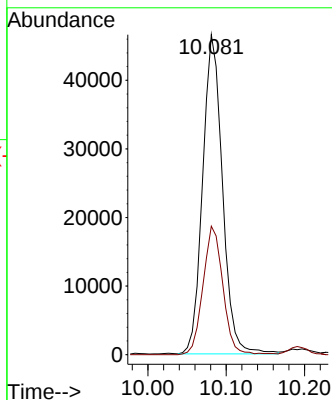
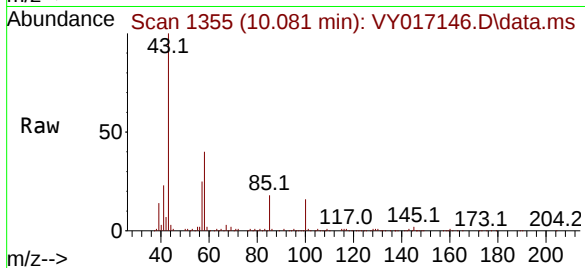
#51  
4-Methyl-2-Pentanone  
Concen: 82.335 ug/l  
RT: 10.081 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

Tgt Ion: 43 Resp: 8184  
Ion Ratio Lower Upper  
43 100  
58 40.3 32.2 48.2

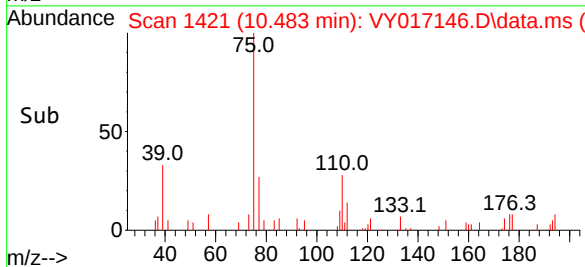
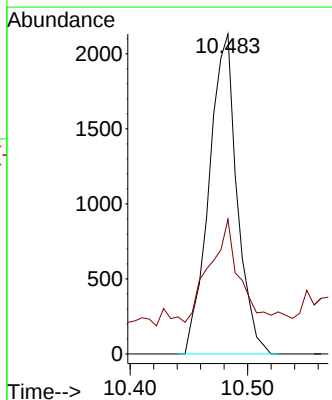
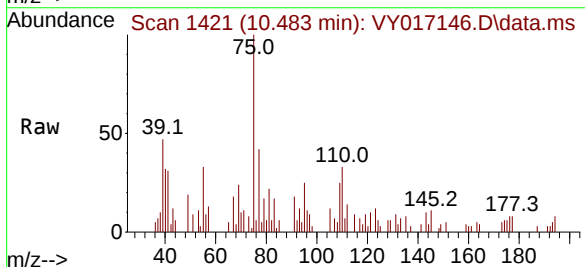
Manual Integrations  
APPROVED

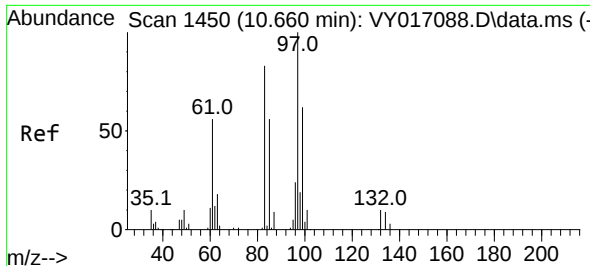
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024



#53  
t-1,3-Dichloropropene  
Concen: 1.727 ug/l  
RT: 10.483 min Scan# 1421  
Delta R.T. 0.012 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

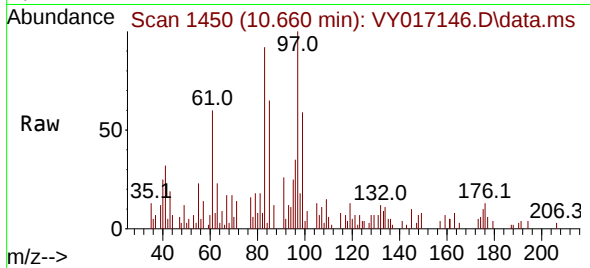
Tgt Ion: 75 Resp: 3536  
Ion Ratio Lower Upper  
75 100  
77 30.4 24.6 36.8





#55  
1,1,2-Trichloroethane  
Concen: 3.676 ug/l  
RT: 10.660 min Scan# 1450  
Delta R.T. 0.006 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

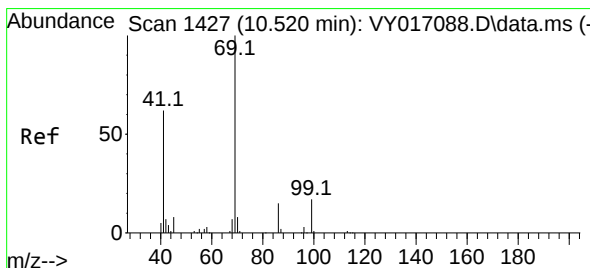
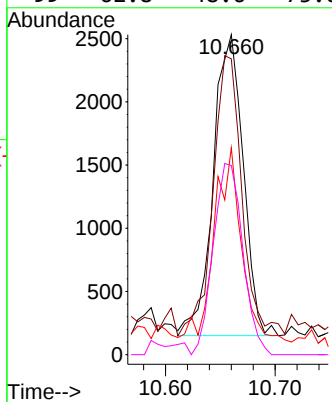
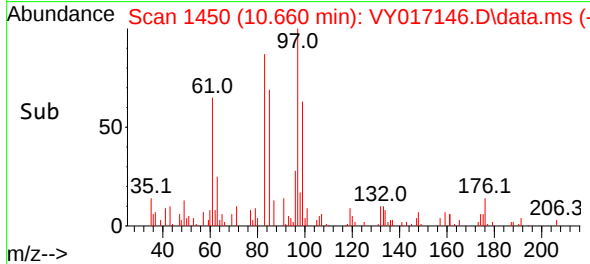
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK



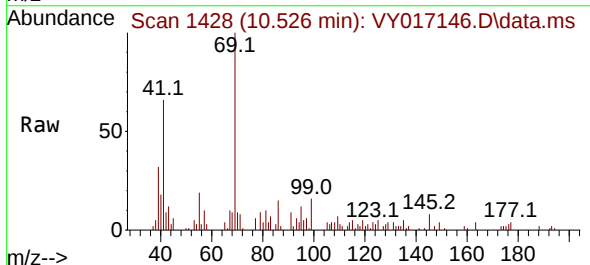
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 92.1  | 69.4  | 104.2 |
| 85      | 63.0  | 43.9  | 65.9  |
| 99      | 62.8  | 48.6  | 73.0  |

Manual Integrations  
APPROVED

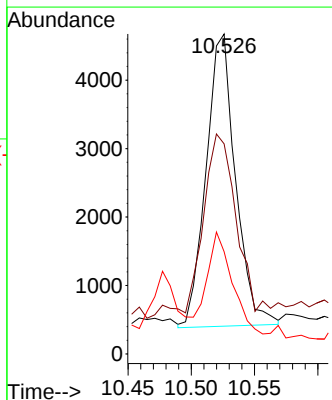
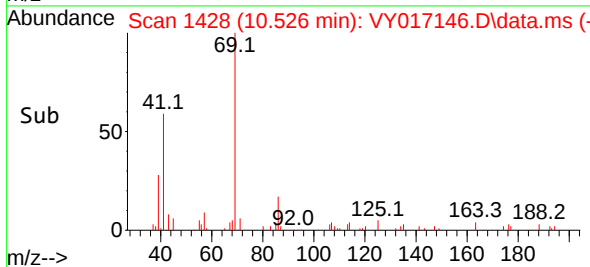
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024

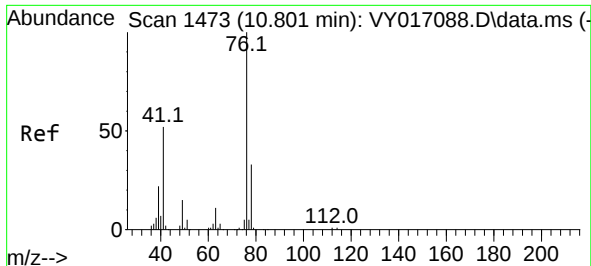


#56  
Ethyl methacrylate  
Concen: 6.424 ug/l  
RT: 10.526 min Scan# 1428  
Delta R.T. 0.006 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12



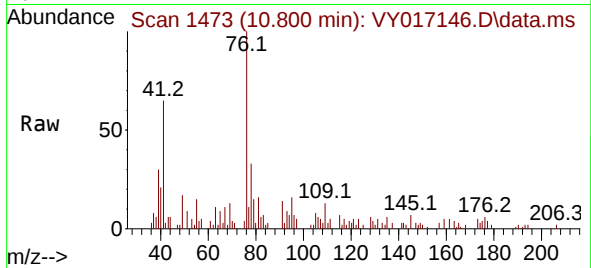
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 64.7  | 49.2  | 73.8  |
| 39      | 30.0  | 26.8  | 40.2  |





#57  
1,3-Dichloropropane  
Concen: 3.194 ug/l  
RT: 10.800 min Scan# 1473  
Delta R.T. 0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

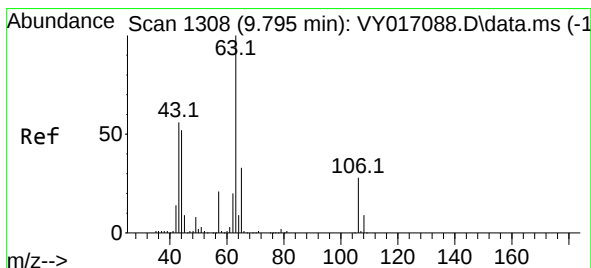
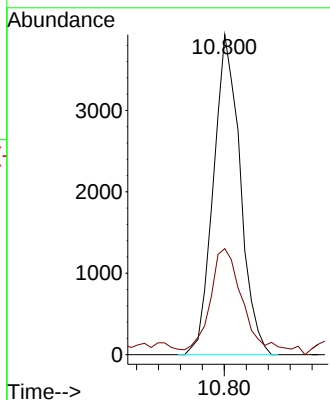
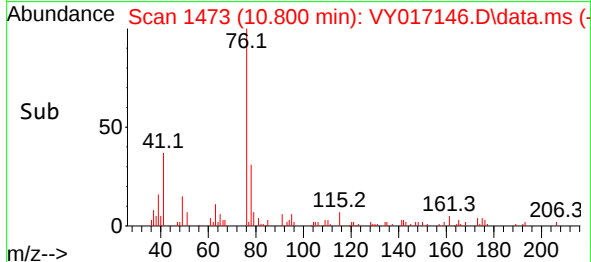
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK



Tgt Ion: 76 Resp: 6650  
Ion Ratio Lower Upper  
76 100  
78 42.0 26.1 39.1

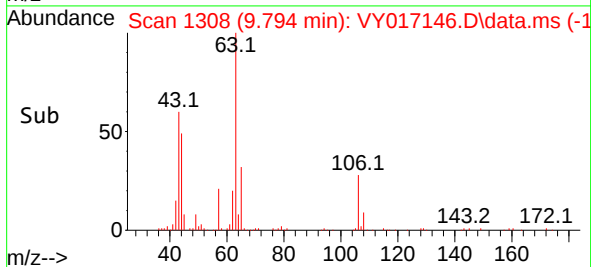
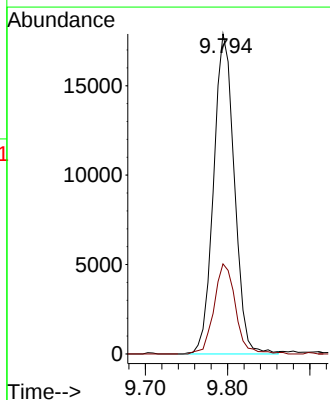
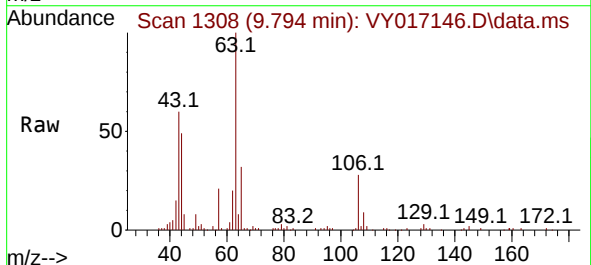
Manual Integrations  
APPROVED

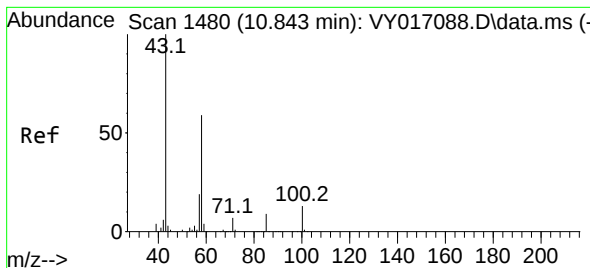
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024



#58  
2-Chloroethyl Vinyl ether  
Concen: 42.075 ug/l  
RT: 9.794 min Scan# 1308  
Delta R.T. 0.006 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

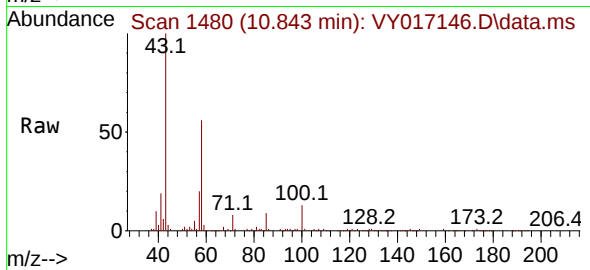
Tgt Ion: 63 Resp: 31457  
Ion Ratio Lower Upper  
63 100  
106 29.1 22.4 33.6





#59  
2-Hexanone  
Concen: 81.054 ug/l  
RT: 10.843 min Scan# 1480  
Delta R.T. 0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

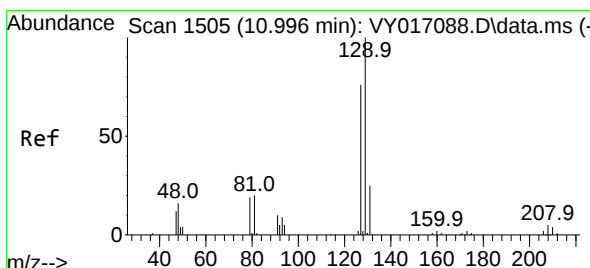
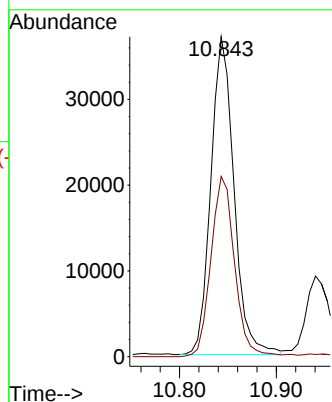
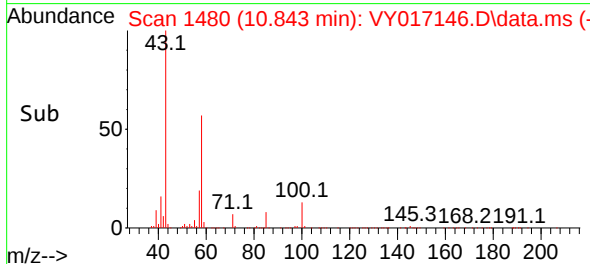
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK



Tgt Ion: 43 Resp: 6146  
Ion Ratio Lower Upper  
43 100  
58 58.2 28.1 84.3

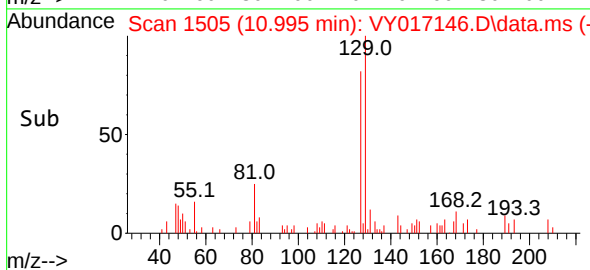
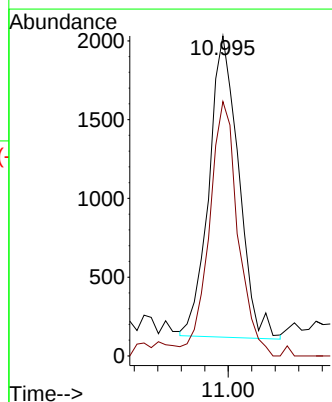
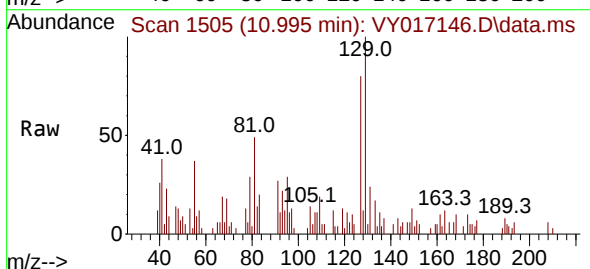
Manual Integrations  
APPROVED

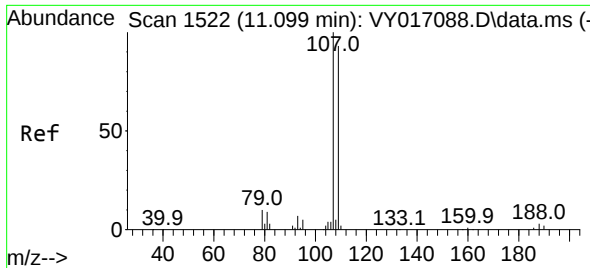
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024



#60  
Dibromochloromethane  
Concen: 2.340 ug/l  
RT: 10.995 min Scan# 1505  
Delta R.T. -0.001 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Tgt Ion:129 Resp: 3348  
Ion Ratio Lower Upper  
129 100  
127 81.8 39.2 117.6





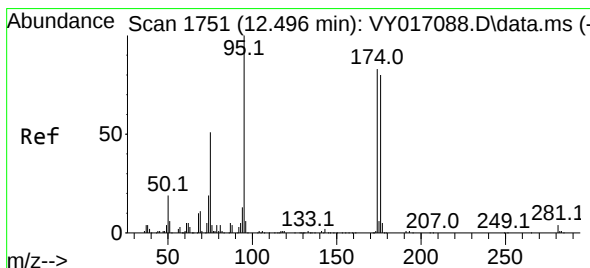
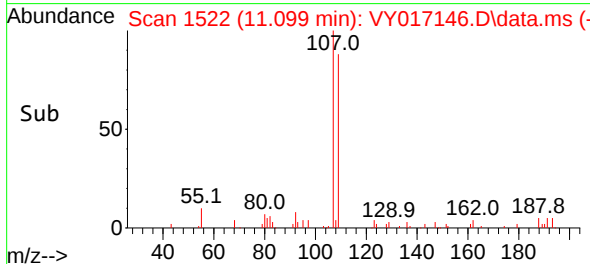
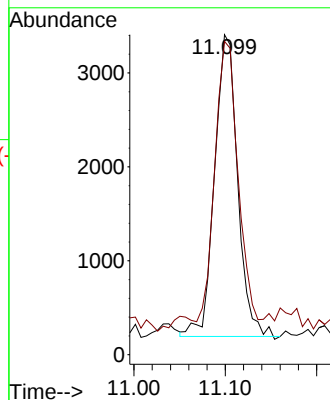
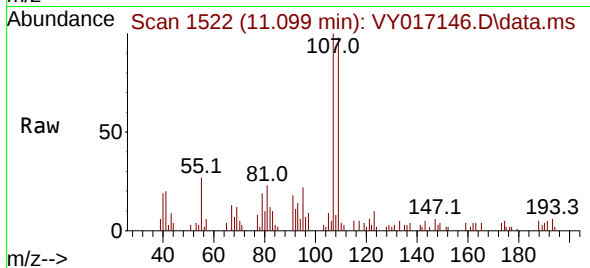
#61  
1,2-Dibromoethane  
Concen: 5.021 ug/l  
RT: 11.099 min Scan# 1522  
Delta R.T. 0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

Tgt Ion:107 Resp: 5618  
Ion Ratio Lower Upper  
107 100  
109 92.1 75.4 113.2

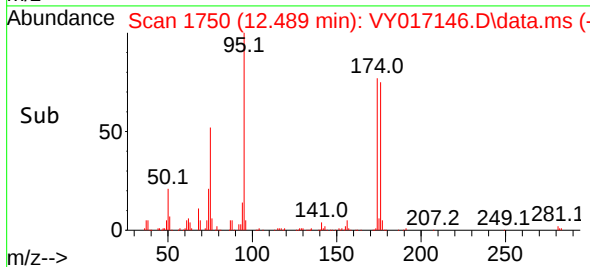
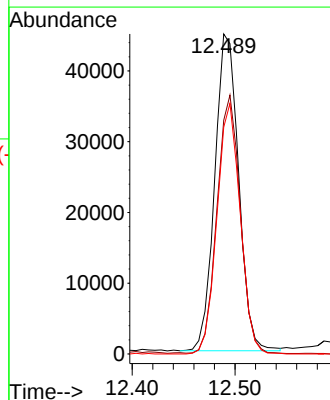
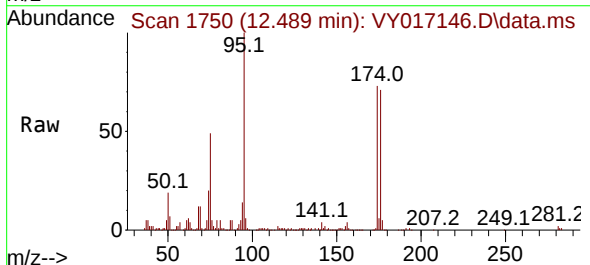
Manual Integrations  
APPROVED

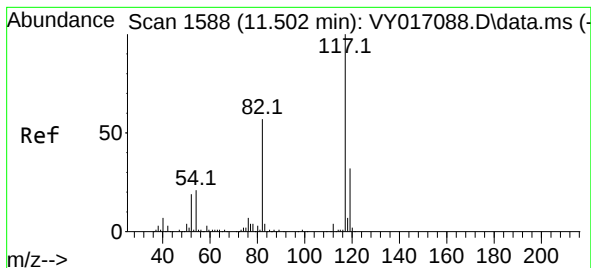
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024



#62  
4-Bromofluorobenzene  
Concen: 43.913 ug/l  
RT: 12.489 min Scan# 1750  
Delta R.T. 0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Tgt Ion: 95 Resp: 72291  
Ion Ratio Lower Upper  
95 100  
174 79.3 0.0 160.0  
176 76.7 0.0 151.8





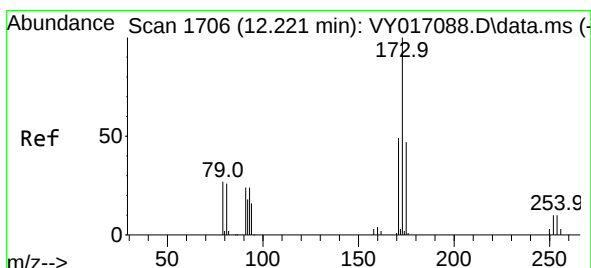
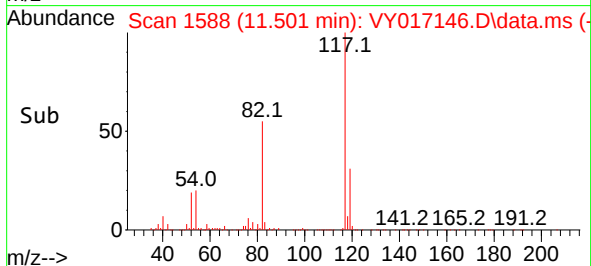
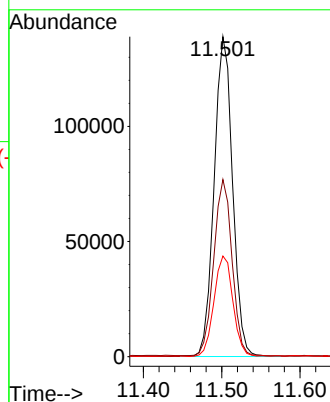
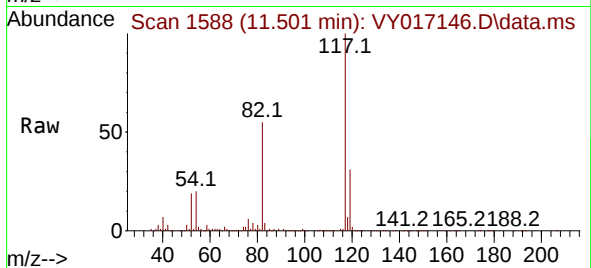
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.501 min Scan# 1158  
Delta R.T. -0.001 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

Tgt Ion:117 Resp: 227108  
Ion Ratio Lower Upper  
117 100  
82 55.1 43.8 65.8  
119 31.4 26.5 39.7

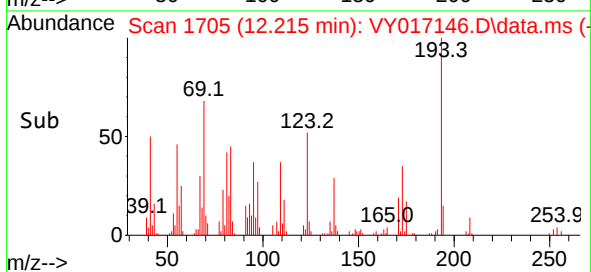
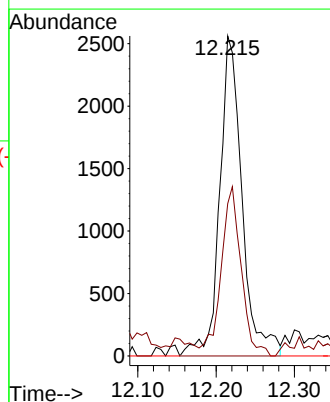
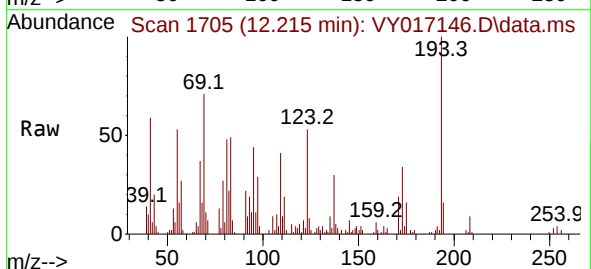
Manual Integrations  
APPROVED

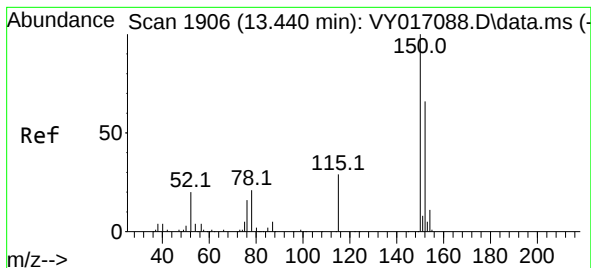
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024



#71  
Bromoform  
Concen: 5.777 ug/l  
RT: 12.215 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Tgt Ion:173 Resp: 5092  
Ion Ratio Lower Upper  
173 100  
175 47.5 23.5 70.6  
254 0.0 0.0 0.0





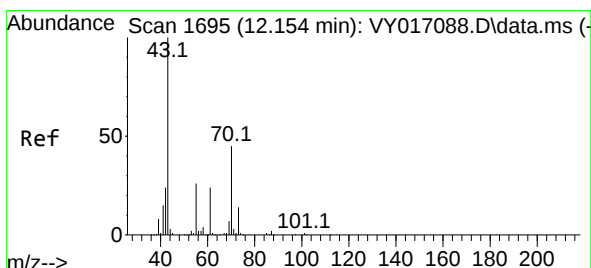
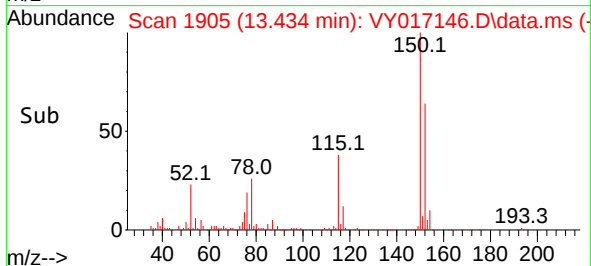
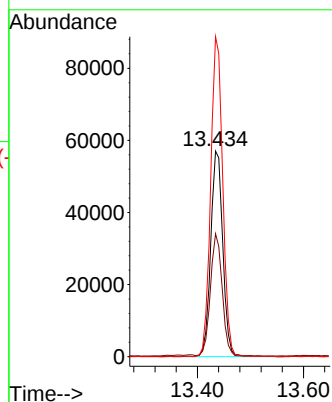
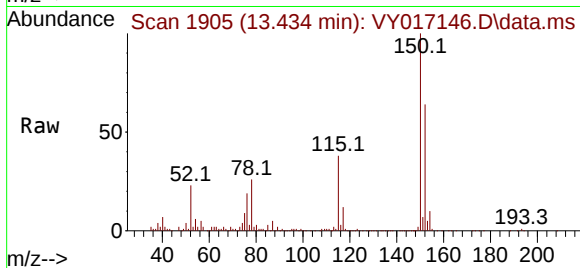
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.434 min Scan# 1905  
Delta R.T. 0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

Tgt Ion:152 Resp: 90150  
Ion Ratio Lower Upper  
152 100  
115 58.0 30.0 90.0  
150 154.7 0.0 344.6

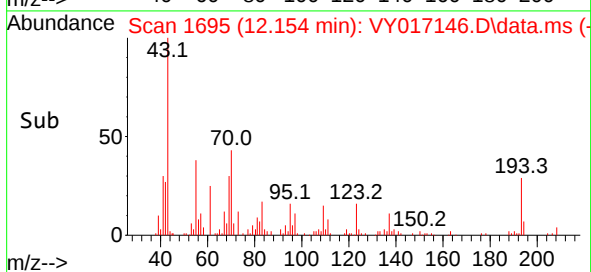
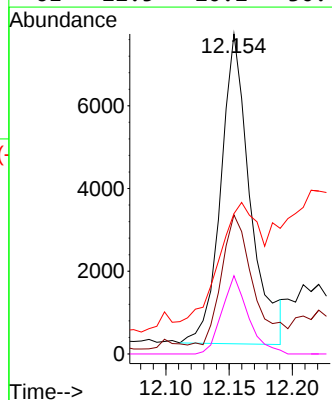
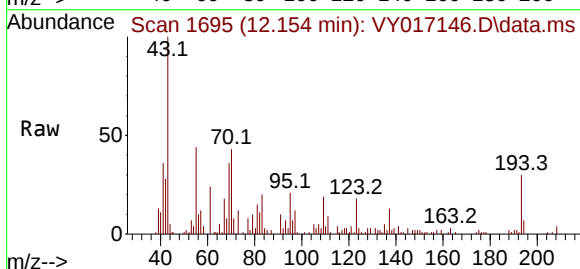
Manual Integrations  
APPROVED

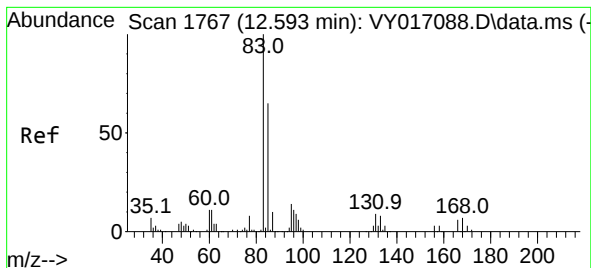
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024



#74  
N-ethyl acetate  
Concen: 8.132 ug/l  
RT: 12.154 min Scan# 1695  
Delta R.T. -0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Tgt Ion: 43 Resp: 12147  
Ion Ratio Lower Upper  
43 100  
70 50.3 36.6 55.0  
55 52.6 22.2 33.4#  
61 22.5 20.2 30.4





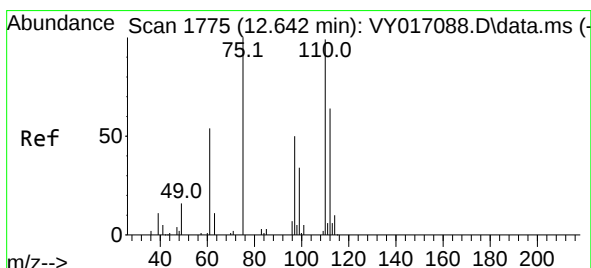
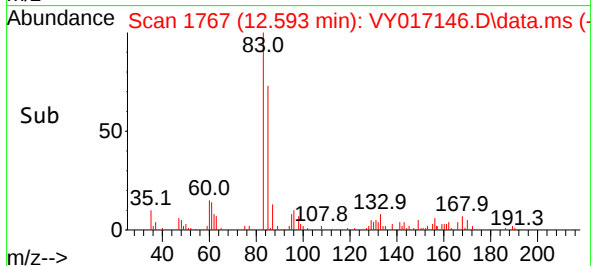
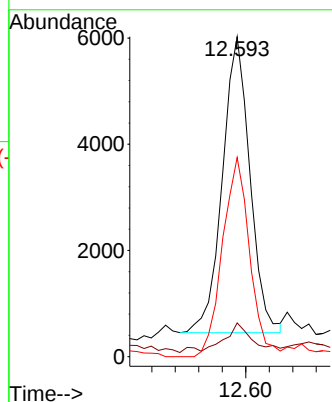
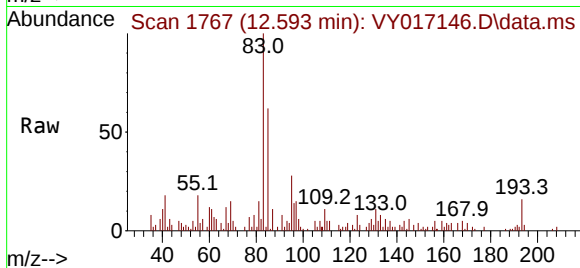
#75  
1,1,2,2-Tetrachloroethane  
Concen: 6.417 ug/l  
RT: 12.593 min Scan# 1767  
Delta R.T. -0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

Tgt Ion: 83 Resp: 9069  
Ion Ratio Lower Upper  
83 100  
131 9.0 4.9 14.6  
85 66.3 32.6 98.0

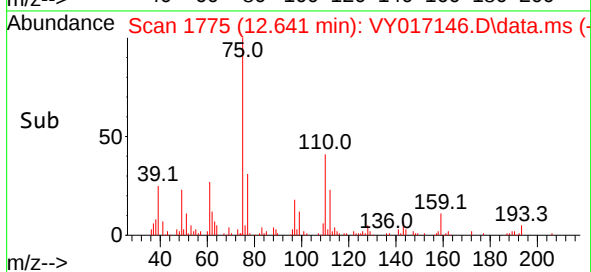
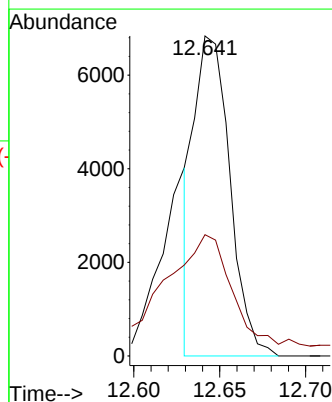
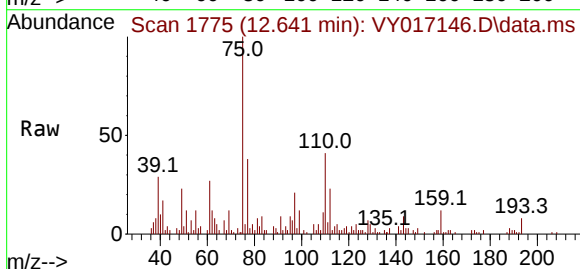
Manual Integrations  
APPROVED

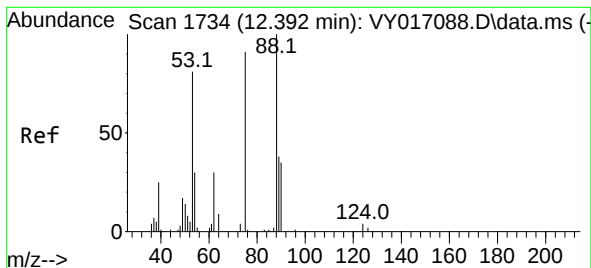
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024



#76  
1,2,3-Trichloropropane  
Concen: 9.029 ug/l m  
RT: 12.641 min Scan# 1775  
Delta R.T. -0.001 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

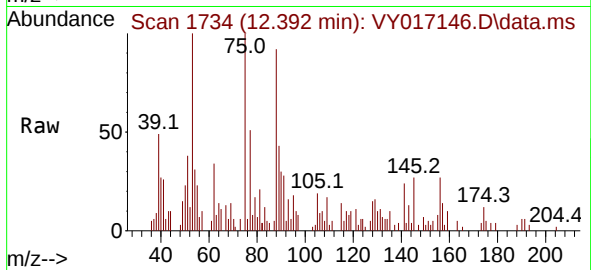
Tgt Ion: 75 Resp: 9880  
Ion Ratio Lower Upper  
75 100  
77 63.7 0.0 0.0#





#81  
trans-1,4-Dichloro-2-butene  
Concen: 8.108 ug/l  
RT: 12.392 min Scan# 1734  
Delta R.T. 0.007 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

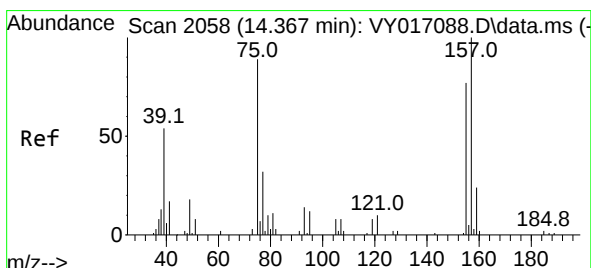
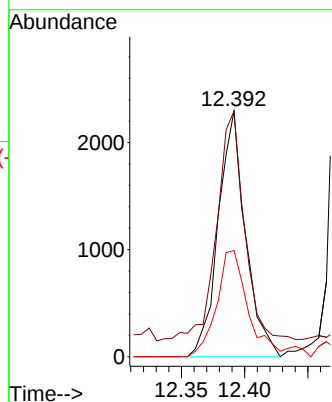
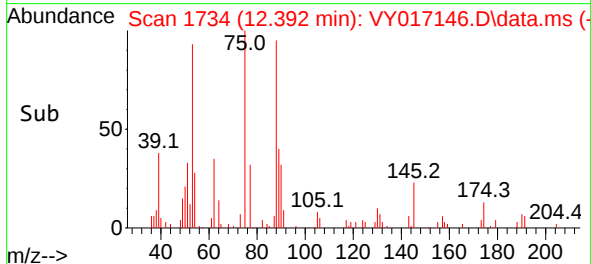
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK



Tgt Ion: 75 Resp: 342  
Ion Ratio Lower Upper  
75 100  
53 92.8 74.0 111.0  
89 49.2 36.5 54.7

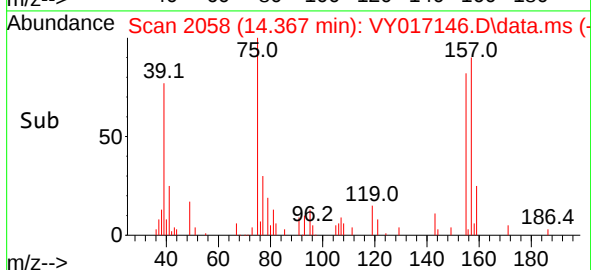
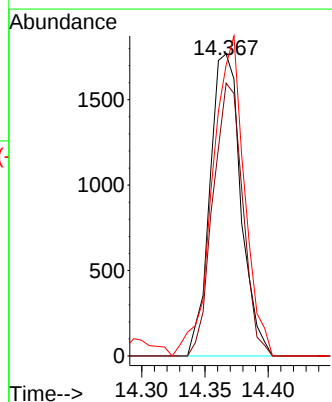
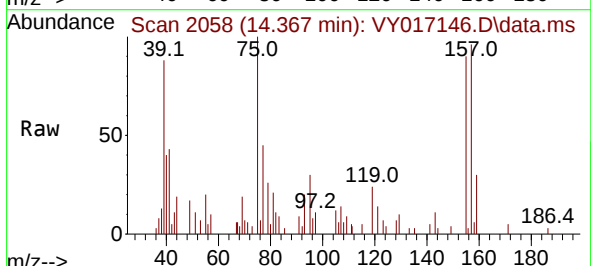
Manual Integrations  
APPROVED

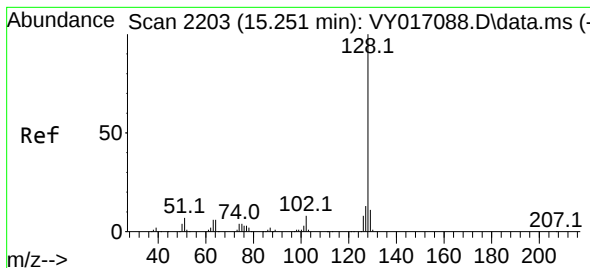
Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 16.677 ug/l  
RT: 14.367 min Scan# 2058  
Delta R.T. -0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Tgt Ion: 75 Resp: 3010  
Ion Ratio Lower Upper  
75 100  
155 86.6 42.1 126.3  
157 108.4 55.8 167.4





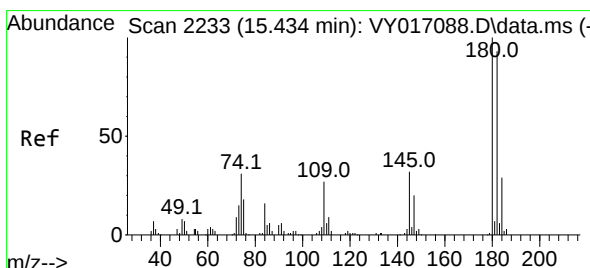
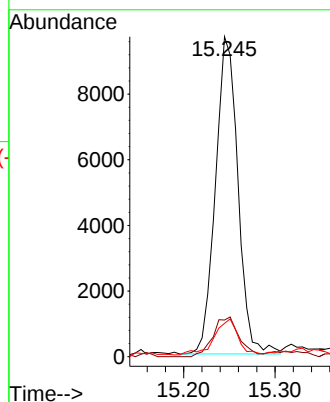
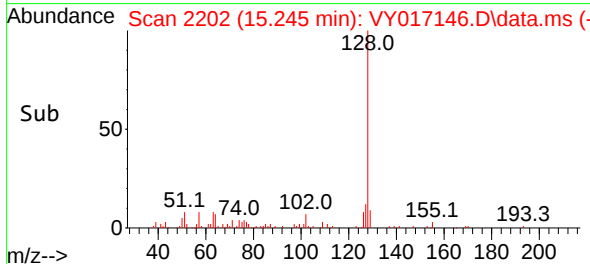
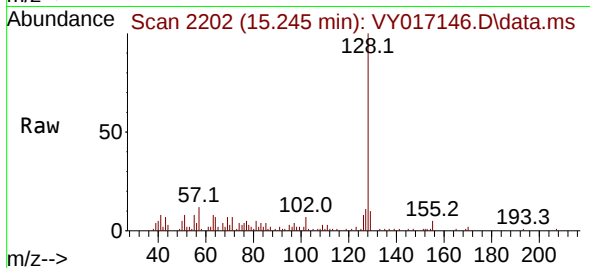
#95  
Naphthalene  
Concen: 6.626 ug/l  
RT: 15.245 min Scan# 2203  
Delta R.T. -0.000 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK

Tgt Ion:128 Resp: 1653  
Ion Ratio Lower Upper  
128 100  
127 14.7 10.2 15.4  
129 12.0 8.6 12.8

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024  
Supervised By :Mahesh Dadoda 01/31/2024



#96  
1,2,3-Trichlorobenzene  
Concen: 1.035 ug/l  
RT: 15.440 min Scan# 2234  
Delta R.T. 0.006 min  
Lab File: VY017146.D  
Acq: 30 Jan 2024 16:12

Tgt Ion:180 Resp: 1217  
Ion Ratio Lower Upper  
180 100  
182 101.5 46.3 138.8  
145 95.0 16.1 48.2#

