

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092123\  
 Data File : VY015678.D  
 Acq On : 21 Sep 2023 18:19  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 09/22/2023  
 Supervised By : Mahesh Dadoda 09/22/2023

Quant Time: Sep 22 01:23:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091923S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 20 01:39:40 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 7.789          | 168  | 148576     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.691          | 114  | 266695     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.490         | 117  | 244720     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422         | 152  | 123598     | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.143          | 65   | 77510      | 47.414  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = | 94.820% |        |          |
| 35) Dibromofluoromethane     | 7.716          | 113  | 73546      | 46.074  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = | 92.140% |        |          |
| 50) Toluene-d8               | 10.179         | 98   | 232715     | 42.997  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 134 |      | Recovery = | 86.000% |        |          |
| 62) 4-Bromofluorobenzene     | 12.483         | 95   | 93050      | 43.809  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 30 - 143 |      | Recovery = | 87.620% |        |          |
| Target Compounds             |                |      |            |         |        |          |
|                              |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.906          | 85   | 49036      | 50.069  | ug/l   | 95       |
| 3) Chloromethane             | 2.107          | 50   | 66454      | 53.786  | ug/l   | 96       |
| 4) Vinyl Chloride            | 2.247          | 62   | 76113      | 53.879  | ug/l   | 98       |
| 5) Bromomethane              | 2.644          | 94   | 59675      | 49.654  | ug/l   | 98       |
| 6) Chloroethane              | 2.784          | 64   | 56571      | 54.028  | ug/l   | 96       |
| 7) Trichlorofluoromethane    | 3.119          | 101  | 124031     | 52.353  | ug/l   | 100      |
| 8) Diethyl Ether             | 3.528          | 74   | 55135      | 54.572  | ug/l   | 90       |
| 9) 1,1,2-Trichlorotrifluo... | 3.893          | 101  | 77165      | 52.020  | ug/l   | 95       |
| 10) Methyl Iodide            | 4.088          | 142  | 77144      | 44.541  | ug/l   | 98       |
| 11) Tert butyl alcohol       | 4.979          | 59   | 111458     | 330.658 | ug/l # | 84       |
| 12) 1,1-Dichloroethene       | 3.869          | 96   | 67787      | 51.860  | ug/l   | 93       |
| 13) Acrolein                 | 3.729          | 56   | 72403      | 289.197 | ug/l   | 99       |
| 14) Allyl chloride           | 4.479          | 41   | 124612     | 52.141  | ug/l   | 95       |
| 15) Acrylonitrile            | 5.168          | 53   | 212730     | 287.028 | ug/l   | 98       |
| 16) Acetone                  | 3.954          | 43   | 186633     | 213.332 | ug/l   | 92       |
| 17) Carbon Disulfide         | 4.192          | 76   | 134841     | 53.102  | ug/l   | 99       |
| 18) Methyl Acetate           | 4.479          | 43   | 208391     | 70.995  | ug/l   | 94       |
| 19) Methyl tert-butyl Ether  | 5.222          | 73   | 295283     | 55.466  | ug/l   | 98       |
| 20) Methylene Chloride       | 4.716          | 84   | 96020      | 50.130  | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 5.216          | 96   | 79984      | 53.535  | ug/l   | 97       |
| 22) Diisopropyl ether        | 6.119          | 45   | 312822     | 54.390  | ug/l   | 94       |
| 23) Vinyl Acetate            | 6.058          | 43   | 858170     | 241.737 | ug/l   | 96       |
| 24) 1,1-Dichloroethane       | 6.015          | 63   | 165618     | 52.830  | ug/l   | 98       |
| 25) 2-Butanone               | 6.990          | 43   | 312305     | 252.559 | ug/l   | 97       |
| 26) 2,2-Dichloropropane      | 6.978          | 77   | 114807     | 40.068  | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 6.984          | 96   | 105961     | 53.423  | ug/l   | 93       |
| 28) Bromochloromethane       | 7.338          | 49   | 44554      | 52.384  | ug/l   | 100      |
| 29) Tetrahydrofuran          | 7.350          | 42   | 205181     | 293.569 | ug/l   | 94       |
| 30) Chloroform               | 7.509          | 83   | 180592     | 53.792  | ug/l   | 97       |
| 31) Cyclohexane              | 7.783          | 56   | 109912     | 48.534  | ug/l   | 93       |
| 32) 1,1,1-Trichloroethane    | 7.704          | 97   | 147360     | 53.171  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 7.917          | 75   | 115734     | 49.036  | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.076          | 43   | 120620     | 51.236  | ug/l   | 96       |
| 38) Carbon Tetrachloride     | 7.899          | 117  | 126452     | 49.358  | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.185          | 83   | 125845     | 48.207  | ug/l   | 93       |
| 40) Benzene                  | 8.161          | 78   | 360303     | 50.059  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092123\  
 Data File : VY015678.D  
 Acq On : 21 Sep 2023 18:19  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Sep 22 01:23:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091923S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 20 01:39:40 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 09/22/2023  
 Supervised By : Mahesh Dadoda 09/22/2023

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.326  | 41   | 69287m   | 54.660   | ug/l   |          |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 128225   | 52.018   | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 206984   | 51.470   | ug/l   | 98       |
| 44) Trichloroethene           | 8.941  | 130  | 101252   | 50.367   | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.216  | 63   | 101567   | 50.602   | ug/l   | 93       |
| 46) Dibromomethane            | 9.307  | 93   | 66824    | 52.046   | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.496  | 83   | 147159   | 51.421   | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.289  | 41   | 95396    | 54.044   | ug/l   | 92       |
| 49) 1,4-Dioxane               | 9.301  | 88   | 29120    | 1148.030 | ug/l # | 54       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 685177   | 274.891  | ug/l   | 94       |
| 52) Toluene                   | 10.246 | 92   | 232674   | 50.143   | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 152005   | 49.530   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 161154   | 48.783   | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 97358    | 51.743   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 147031   | 53.025   | ug/l   | 90       |
| 57) 1,3-Dichloropropane       | 10.789 | 76   | 161804   | 51.279   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.783  | 63   | 224087   | 254.419  | ug/l   | 96       |
| 59) 2-Hexanone                | 10.831 | 43   | 504715   | 263.930  | ug/l   | 91       |
| 60) Dibromochloromethane      | 10.984 | 129  | 113465   | 51.659   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 95835    | 52.063   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.721 | 164  | 117284   | 55.860   | ug/l   | 95       |
| 65) Chlorobenzene             | 11.514 | 112  | 265157   | 49.638   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 105254   | 50.726   | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 465261   | 49.832   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 353899   | 99.724   | ug/l   | 96       |
| 69) o-Xylene                  | 12.032 | 106  | 174155   | 50.047   | ug/l   | 99       |
| 70) Styrene                   | 12.044 | 104  | 310095   | 52.060   | ug/l   | 96       |
| 71) Bromoform                 | 12.209 | 173  | 81263    | 54.045   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.331 | 105  | 458328   | 49.432   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 168301   | 48.295   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 133452   | 51.716   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 106465m  | 53.994   | ug/l   |          |
| 77) Bromobenzene              | 12.611 | 156  | 114609   | 50.356   | ug/l   | 95       |
| 78) n-propylbenzene           | 12.672 | 91   | 544866   | 48.372   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 318900   | 49.667   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.813 | 105  | 383479   | 49.403   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 40600    | 46.367   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 329467   | 49.153   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.075 | 119  | 332721   | 48.941   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 385489   | 49.634   | ug/l   | 98       |
| 85) sec-Butylbenzene          | 13.252 | 105  | 493023   | 48.459   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 408336   | 48.047   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 220394   | 48.811   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.447 | 146  | 221973   | 49.155   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.697 | 91   | 371681   | 46.186   | ug/l   | 97       |
| 90) Hexachloroethane          | 13.959 | 117  | 80391    | 49.013   | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 208334   | 49.983   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 27385    | 53.434   | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 119417   | 45.509   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 61033    | 45.419   | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 355280   | 51.925   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 116634   | 48.158   | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092123\  
Data File : VY015678.D  
Acq On : 21 Sep 2023 18:19  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023

Quant Time: Sep 22 01:23:00 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091923S.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 20 01:39:40 2023  
Response via : Initial Calibration

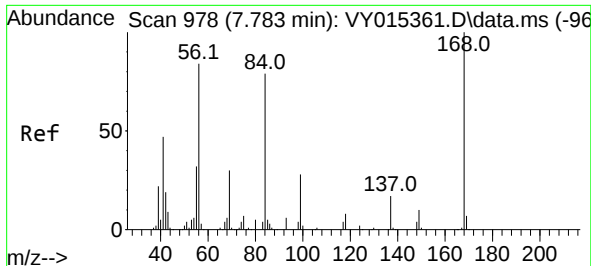
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

## Manual Integrations

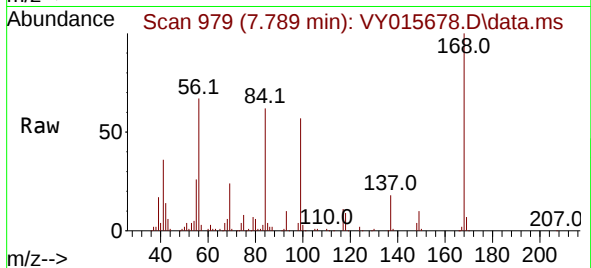
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023

[illegible]



#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

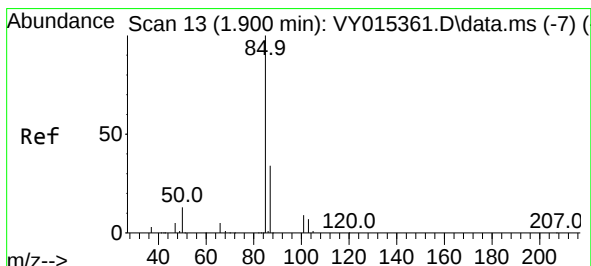
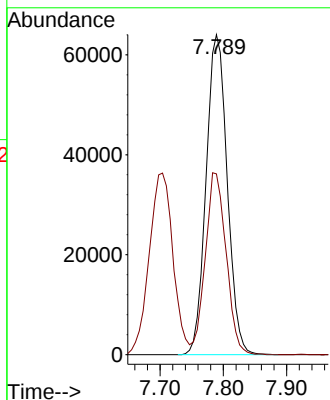
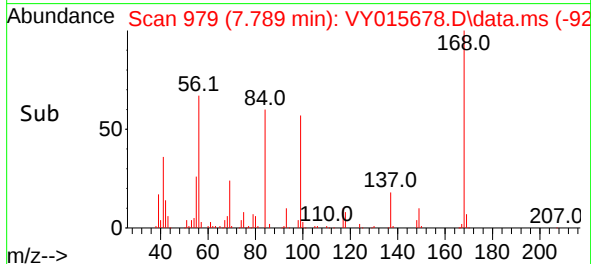
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:168 Resp: 148570  
Ion Ratio Lower Upper  
168 100  
99 56.5 43.4 65.0

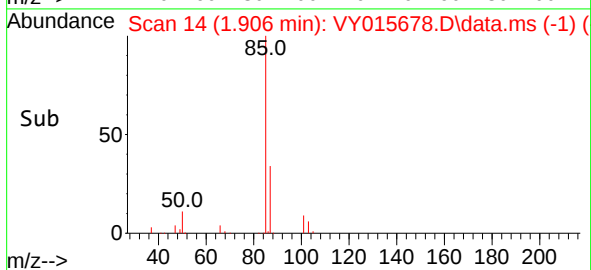
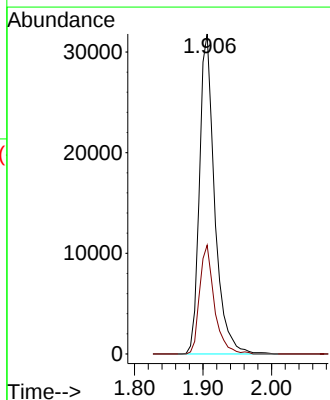
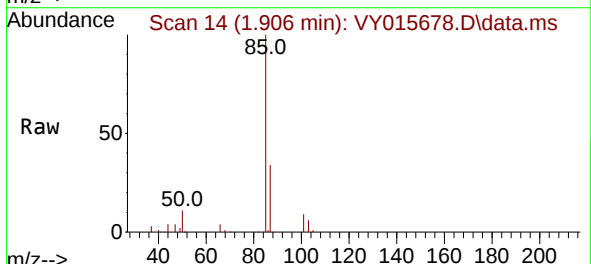
Manual Integrations  
APPROVED

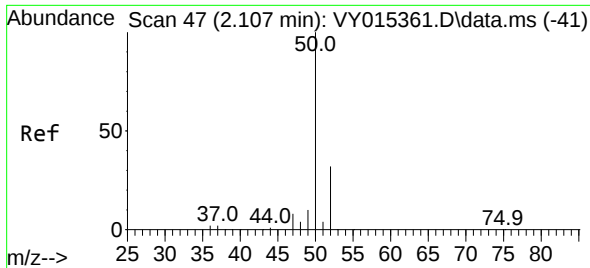
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#2  
Dichlorodifluoromethane  
Concen: 50.069 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

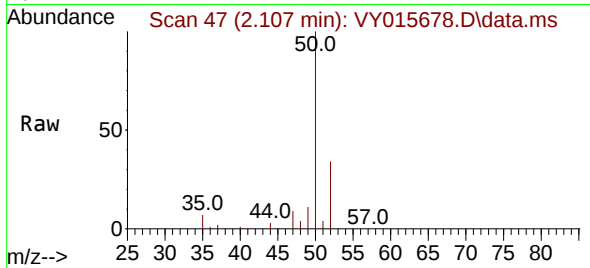
Tgt Ion: 85 Resp: 49036  
Ion Ratio Lower Upper  
85 100  
87 34.0 15.6 46.8





#3  
Chloromethane  
Concen: 53.786 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

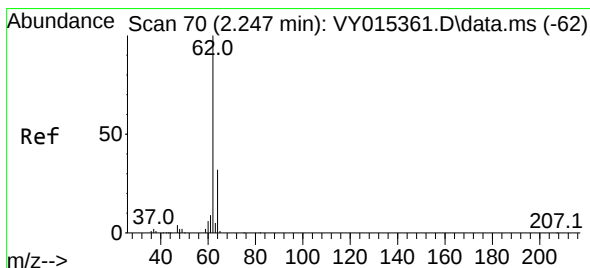
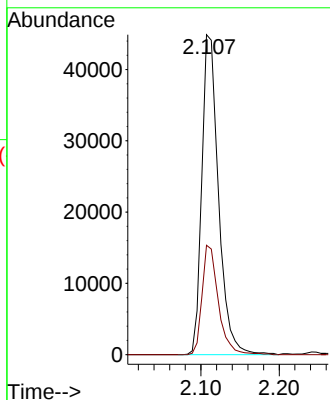
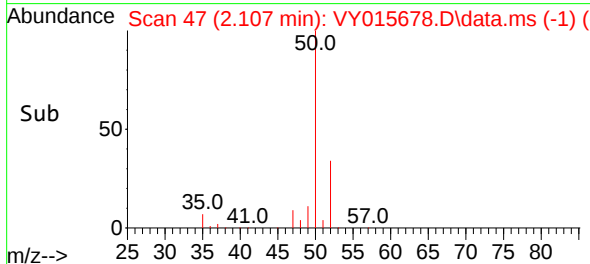
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 50 Resp: 66454  
Ion Ratio Lower Upper  
50 100  
52 34.2 25.4 38.2

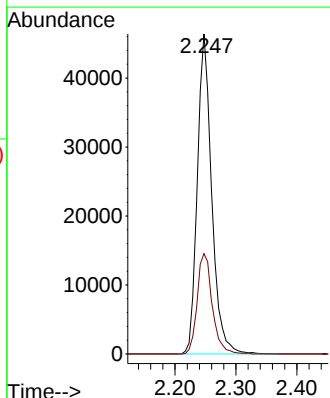
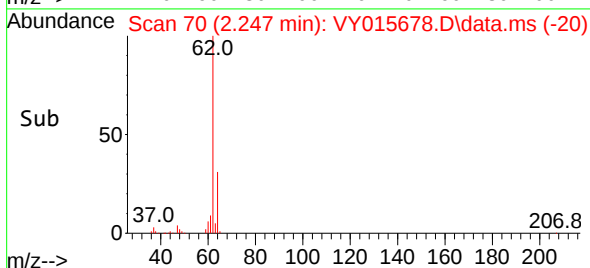
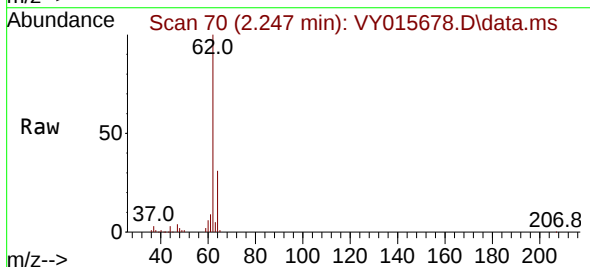
Manual Integrations  
APPROVED

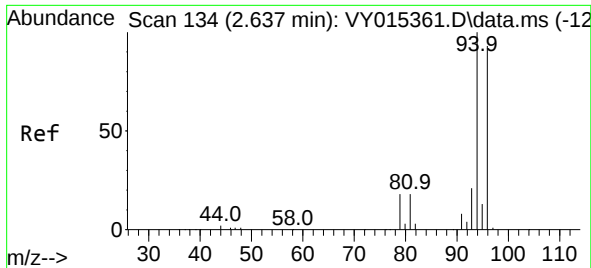
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#4  
Vinyl Chloride  
Concen: 53.879 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Tgt Ion: 62 Resp: 76113  
Ion Ratio Lower Upper  
62 100  
64 31.4 24.3 36.5





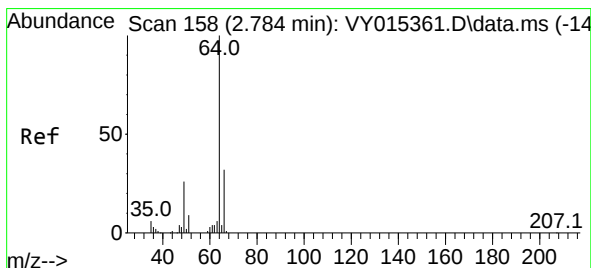
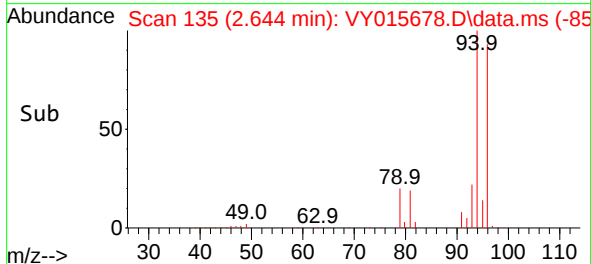
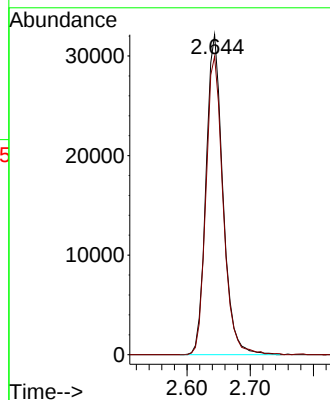
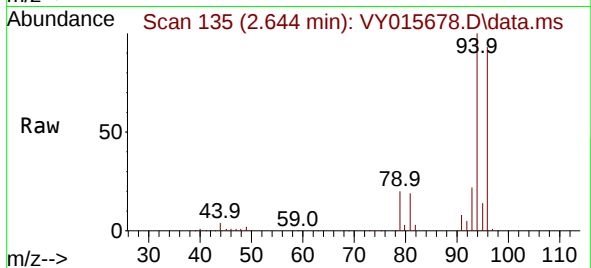
#5  
Bromomethane  
Concen: 49.654 ug/l  
RT: 2.644 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 94 Resp: 5967  
Ion Ratio Lower Upper  
94 100  
96 93.2 75.8 113.6

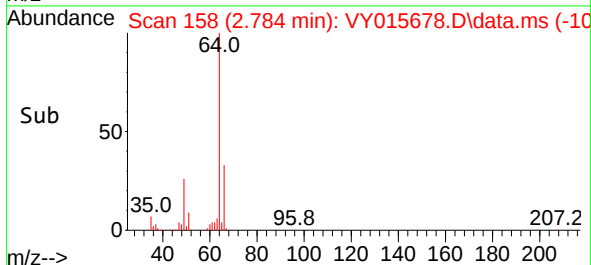
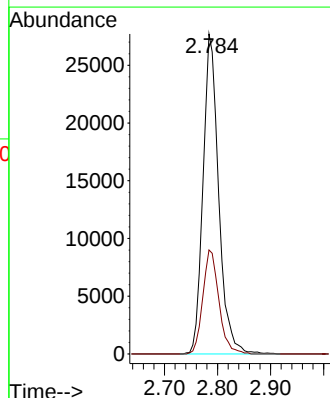
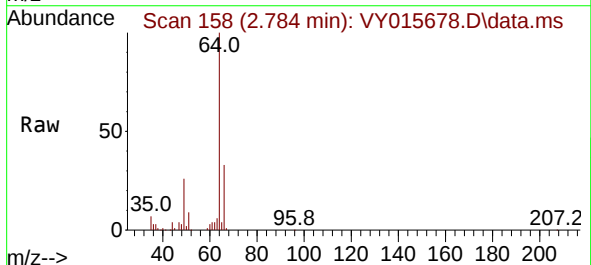
Manual Integrations  
APPROVED

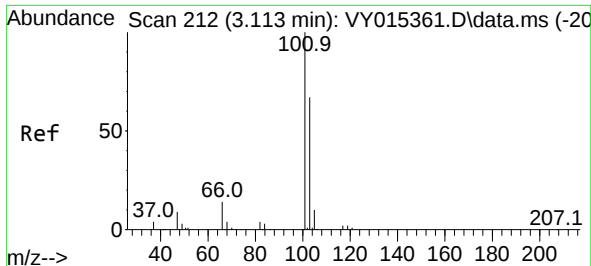
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#6  
Chloroethane  
Concen: 54.028 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

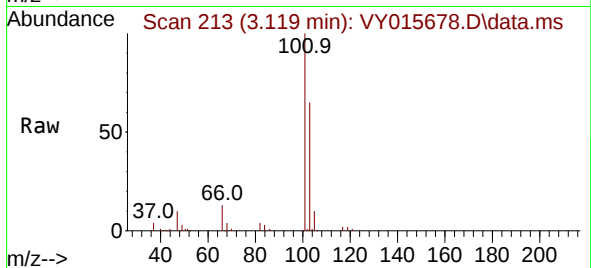
Tgt Ion: 64 Resp: 56571  
Ion Ratio Lower Upper  
64 100  
66 32.5 24.4 36.6





#7  
Trichlorofluoromethane  
Concen: 52.353 ug/l  
RT: 3.119 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

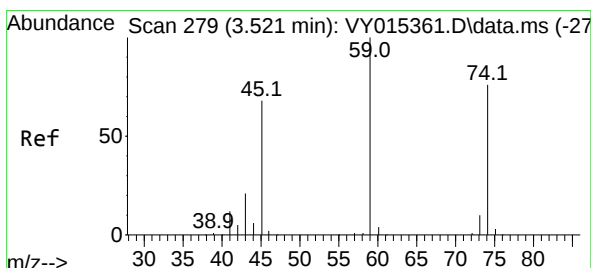
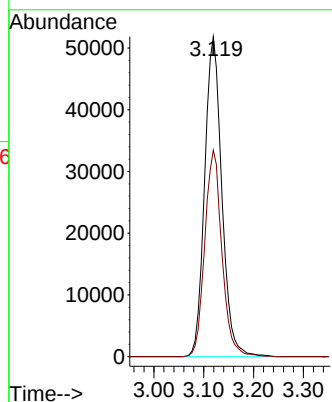
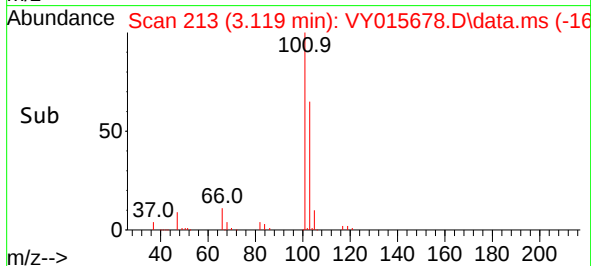
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



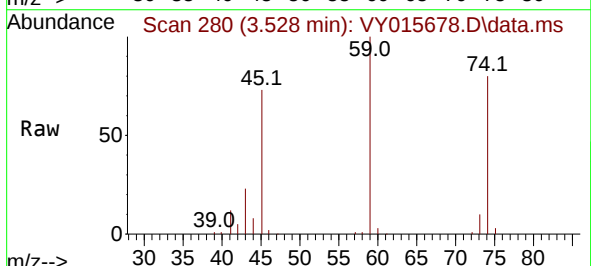
Tgt Ion:101 Resp: 12403  
Ion Ratio Lower Upper  
101 100  
103 64.6 51.4 77.0

Manual Integrations  
APPROVED

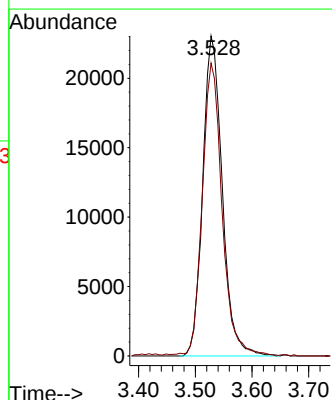
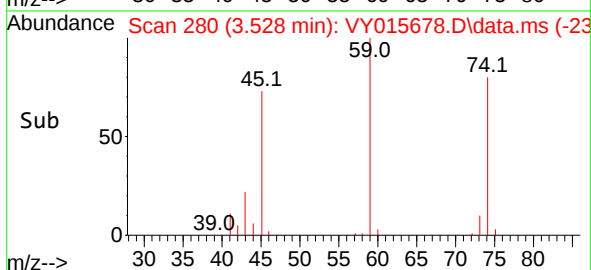
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023

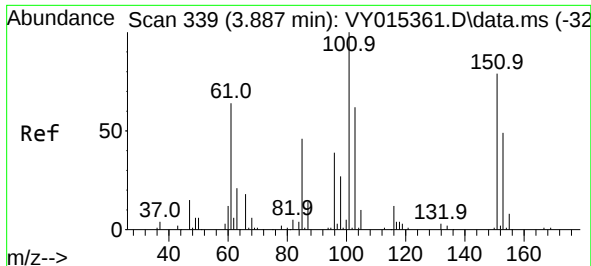


#8  
Diethyl Ether  
Concen: 54.572 ug/l  
RT: 3.528 min Scan# 280  
Delta R.T. 0.007 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19



Tgt Ion: 74 Resp: 55135  
Ion Ratio Lower Upper  
74 100  
45 93.2 51.5 154.5





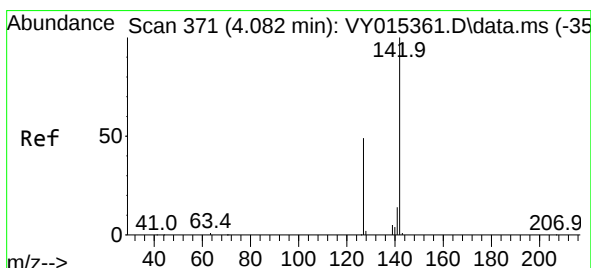
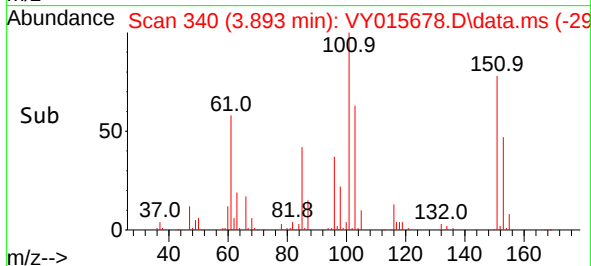
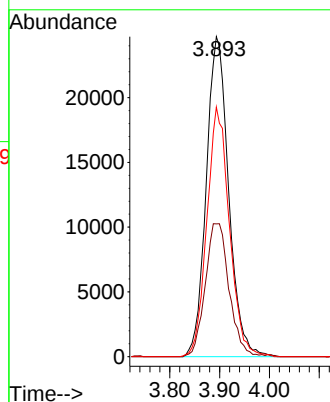
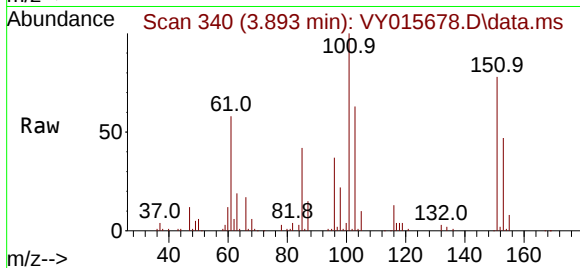
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 52.020 ug/l  
RT: 3.893 min Scan# 340  
Delta R.T. 0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 7716  
Ion Ratio Lower Upper  
101 100  
85 44.4 36.6 55.0  
151 78.5 67.0 100.6

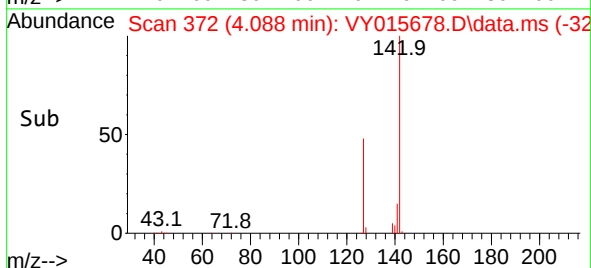
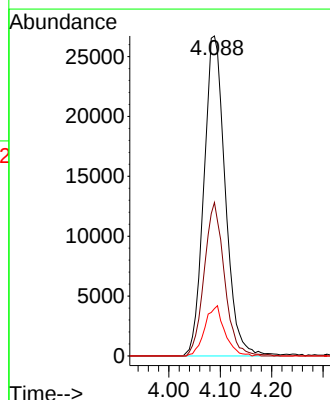
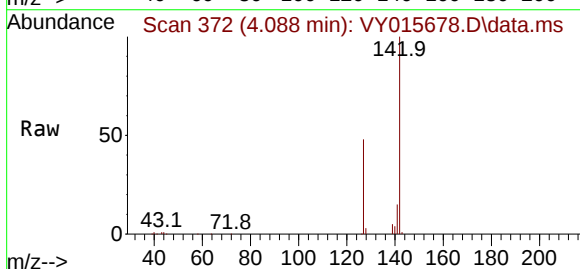
Manual Integrations  
APPROVED

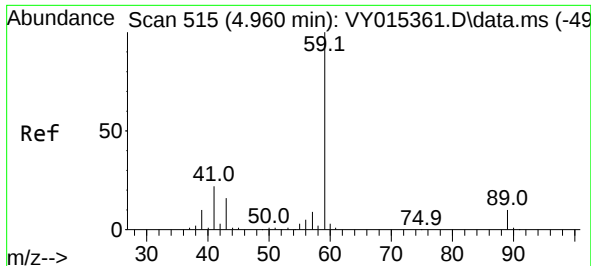
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#10  
Methyl Iodide  
Concen: 44.541 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Tgt Ion:142 Resp: 77144  
Ion Ratio Lower Upper  
142 100  
127 45.6 37.6 56.4  
141 14.7 11.8 17.8





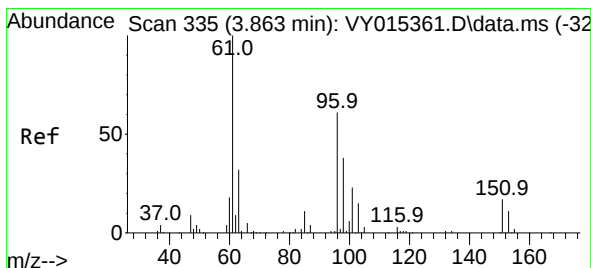
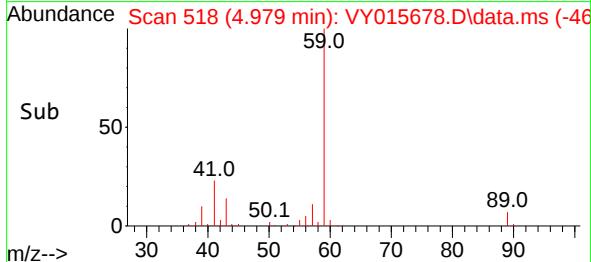
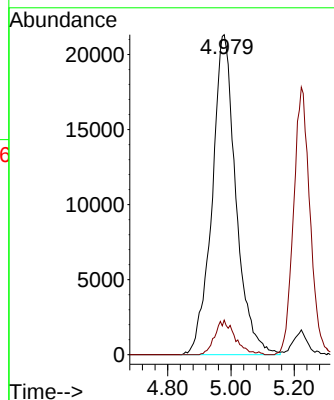
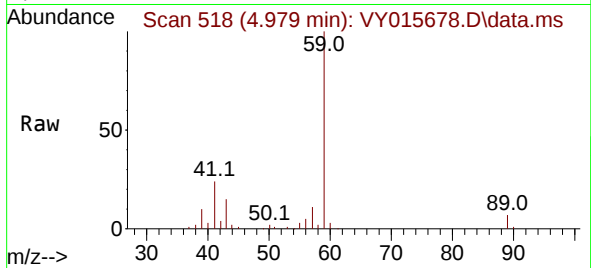
#11  
Tert butyl alcohol  
Concen: 330.658 ug/l  
RT: 4.979 min Scan# 515  
Delta R.T. 0.025 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 59 Resp: 111458  
Ion Ratio Lower Upper  
59 100  
57 9.0 3.0 4.4

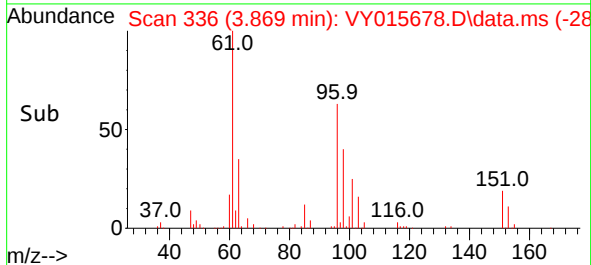
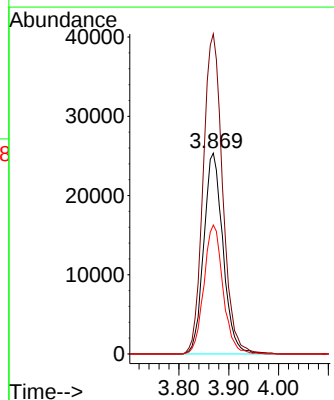
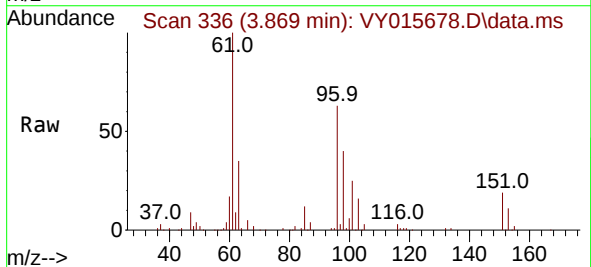
Manual Integrations  
APPROVED

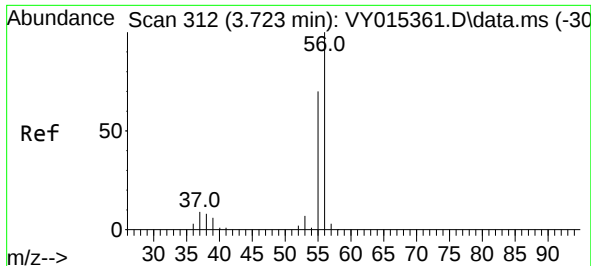
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#12  
1,1-Dichloroethene  
Concen: 51.860 ug/l  
RT: 3.869 min Scan# 336  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Tgt Ion: 96 Resp: 67787  
Ion Ratio Lower Upper  
96 100  
61 159.3 136.4 204.6  
98 64.2 49.4 74.2





#13

Acrolein

Concen: 289.197 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 7240

Ion Ratio Lower Upper

56 100

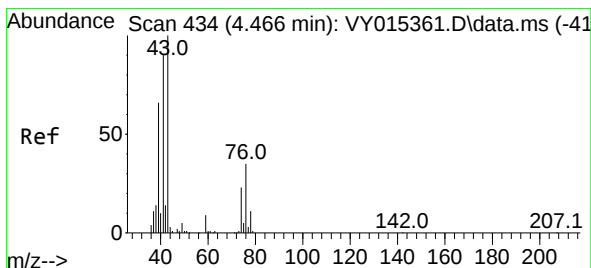
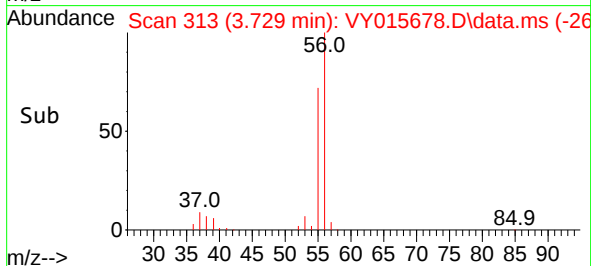
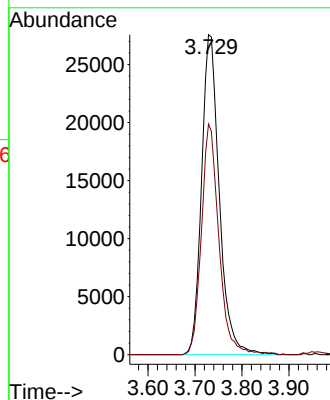
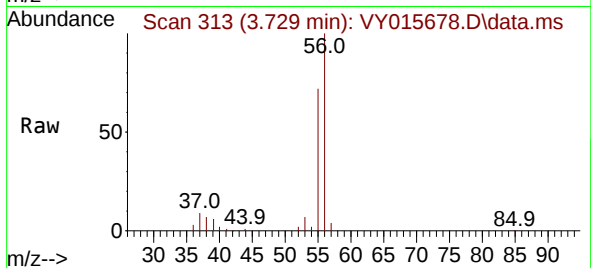
55 70.5 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#14

Allyl chloride

Concen: 52.141 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.007 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

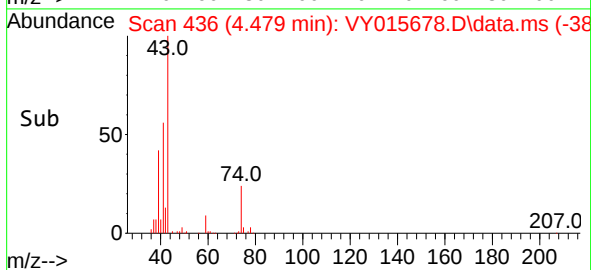
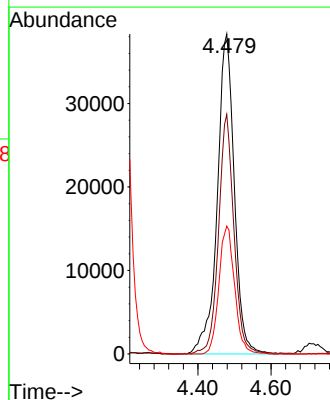
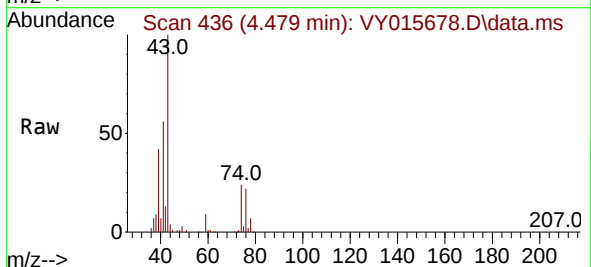
Tgt Ion: 41 Resp: 124612

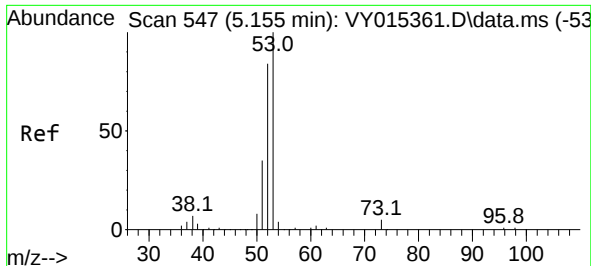
Ion Ratio Lower Upper

41 100

39 67.4 58.0 87.0

76 36.7 27.4 41.2





#15

Acrylonitrile

Concen: 287.028 ug/l

RT: 5.168 min Scan# 54

Delta R.T. 0.007 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

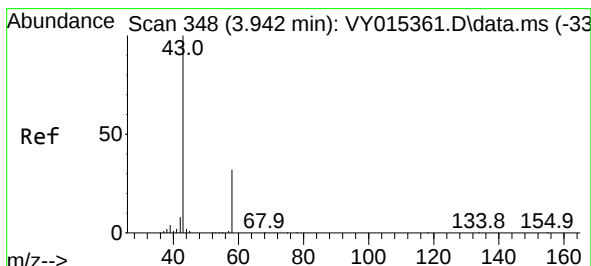
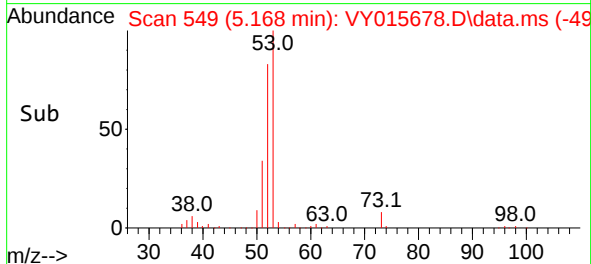
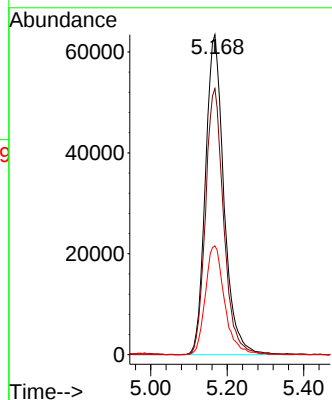
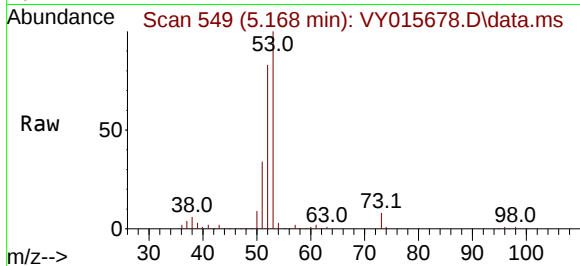
|             |                 |
|-------------|-----------------|
| Tgt Ion: 53 | Resp: 212730    |
| Ion Ratio   | Lower Upper     |
| 53          | 100             |
| 52          | 81.9 66.9 100.3 |
| 51          | 35.5 29.8 44.6  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#16

Acetone

Concen: 213.332 ug/l

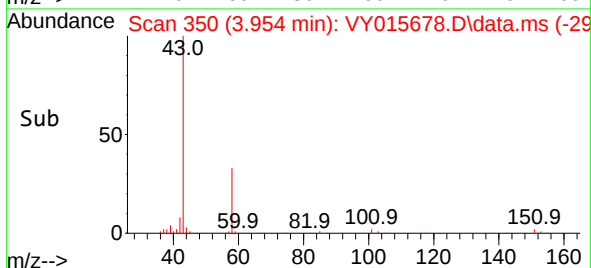
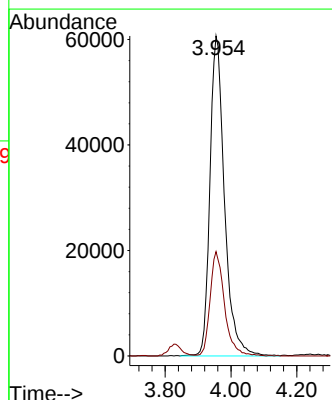
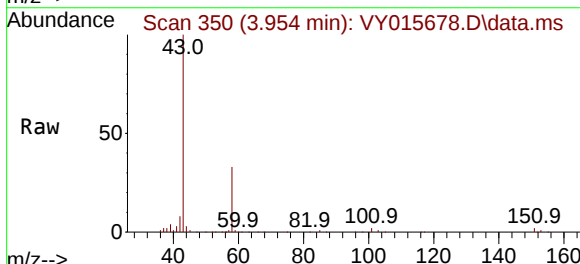
RT: 3.954 min Scan# 350

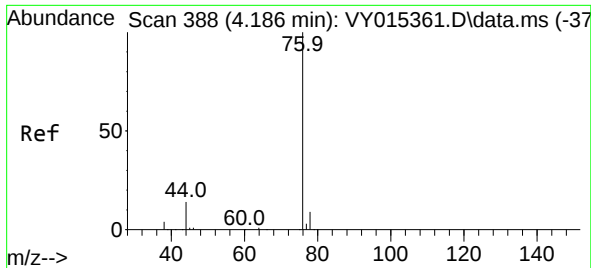
Delta R.T. 0.012 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 186633   |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 58          | 32.6 22.7 34.1 |





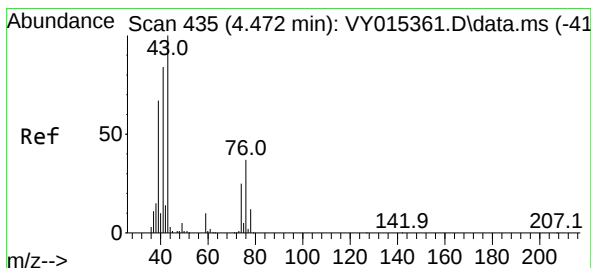
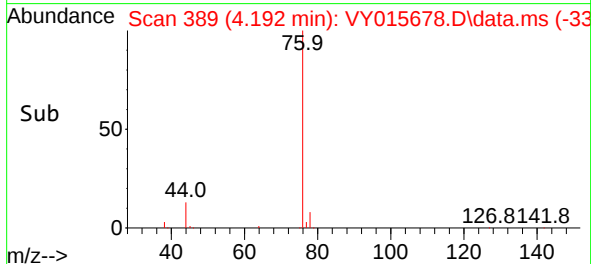
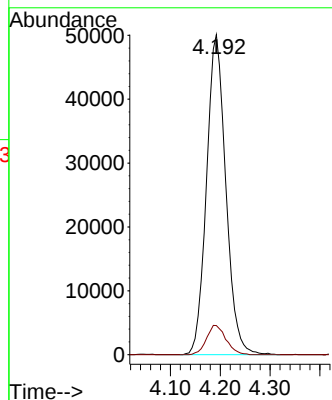
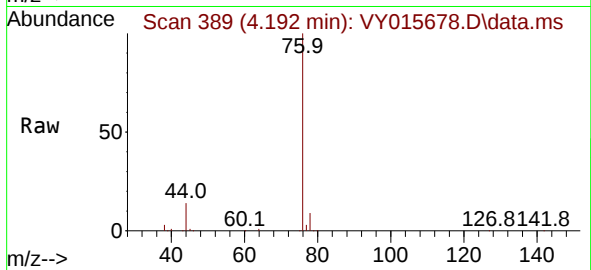
#17  
Carbon Disulfide  
Concen: 53.102 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 76 Resp: 13484  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.0 10.4

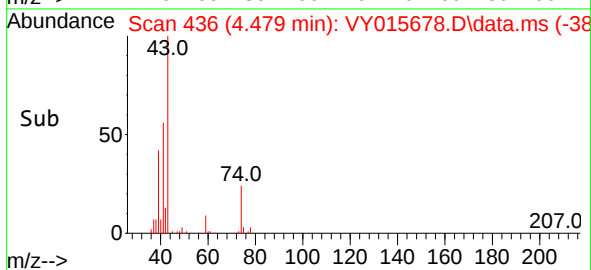
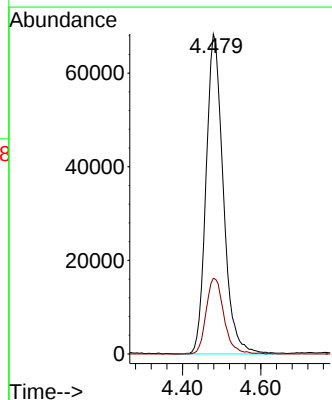
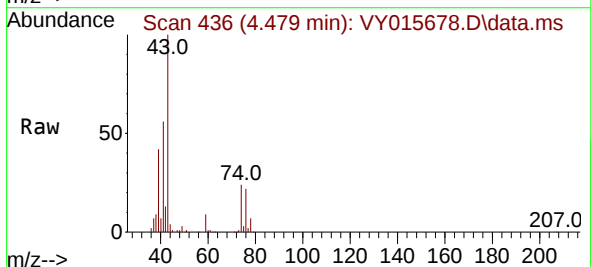
Manual Integrations  
APPROVED

Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#18  
Methyl Acetate  
Concen: 70.995 ug/l  
RT: 4.479 min Scan# 436  
Delta R.T. 0.007 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

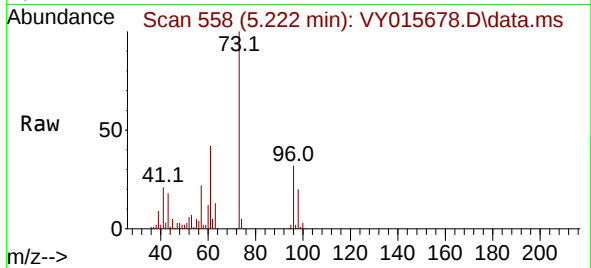
Tgt Ion: 43 Resp: 208391  
Ion Ratio Lower Upper  
43 100  
74 24.4 17.4 26.0





#19  
Methyl tert-butyl Ether  
Concen: 55.466 ug/l  
RT: 5.222 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

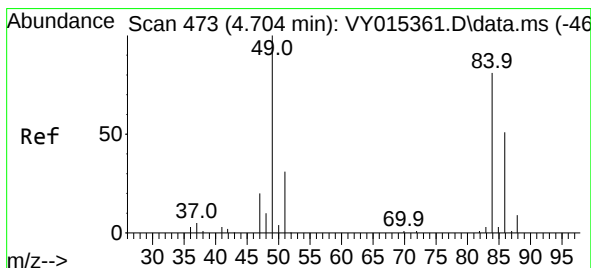
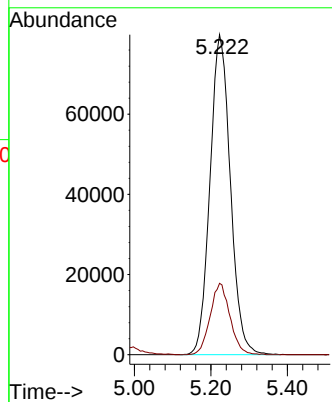
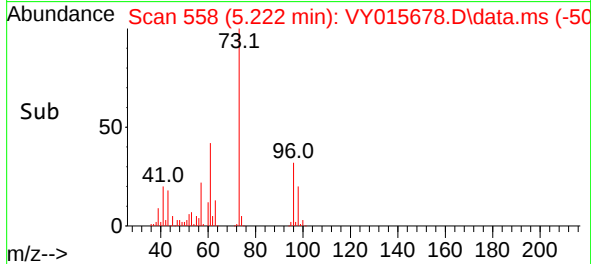
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 73 Resp: 29528  
Ion Ratio Lower Upper  
73 100  
57 22.3 17.3 25.9

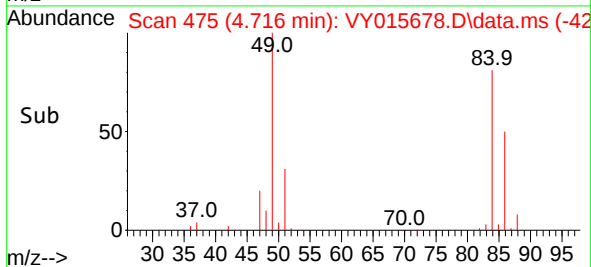
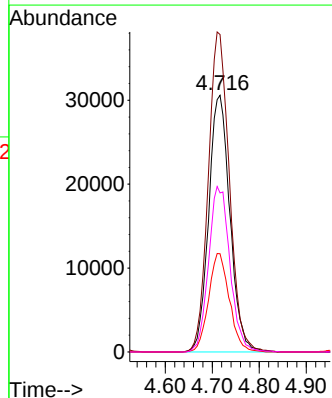
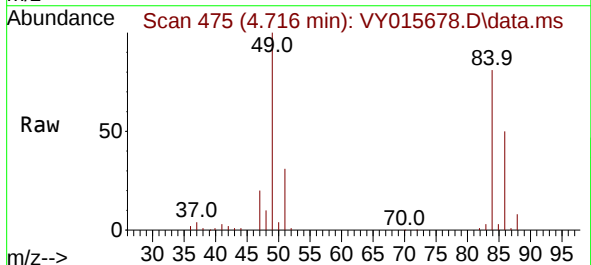
Manual Integrations  
APPROVED

Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#20  
Methylene Chloride  
Concen: 50.130 ug/l  
RT: 4.716 min Scan# 475  
Delta R.T. 0.012 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

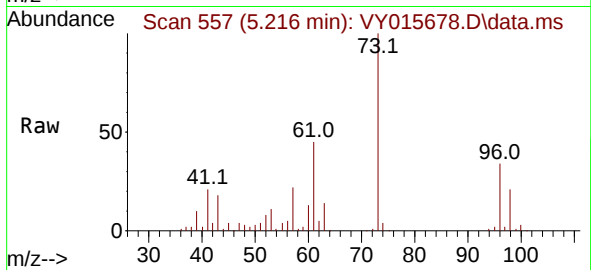
Tgt Ion: 84 Resp: 96020  
Ion Ratio Lower Upper  
84 100  
49 123.7 106.9 160.3  
51 38.3 33.2 49.8  
86 62.0 51.0 76.6





#21  
trans-1,2-Dichloroethene  
Concen: 53.535 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

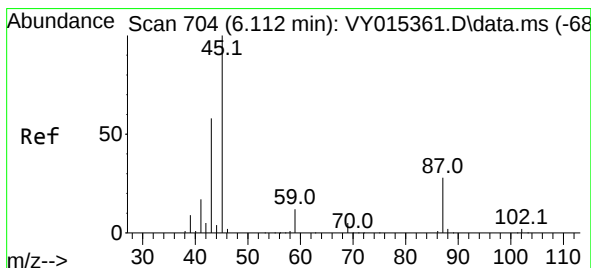
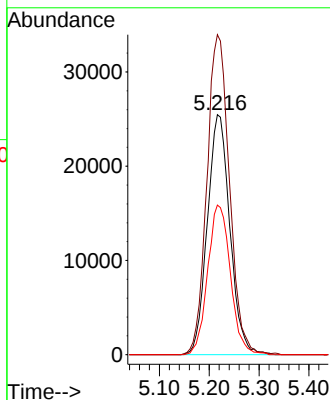
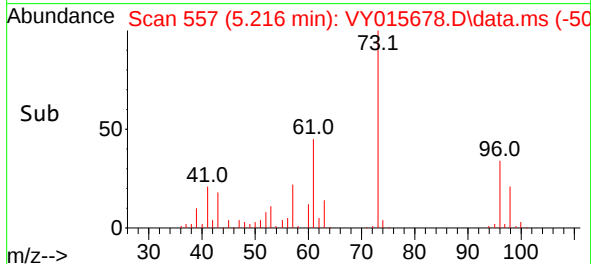
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



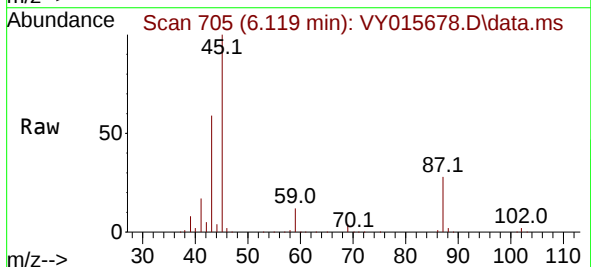
Tgt Ion: 96 Resp: 79984  
Ion Ratio Lower Upper  
96 100  
61 133.3 110.2 165.4  
98 62.3 51.8 77.6

Manual Integrations  
APPROVED

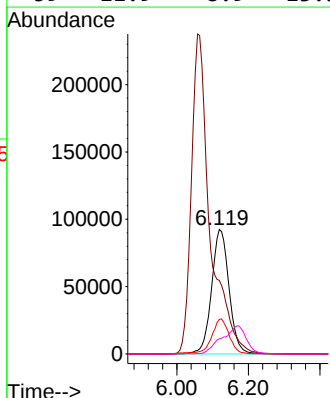
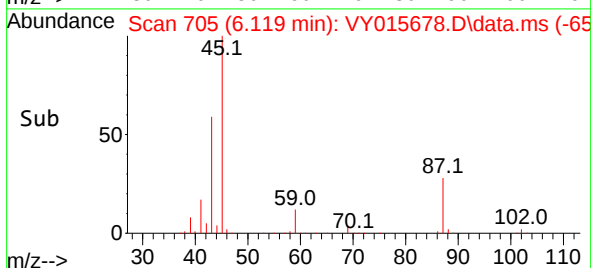
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023

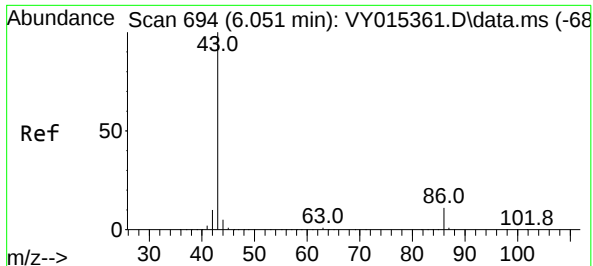


#22  
Diisopropyl ether  
Concen: 54.390 ug/l  
RT: 6.119 min Scan# 705  
Delta R.T. 0.007 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19



Tgt Ion: 45 Resp: 312822  
Ion Ratio Lower Upper  
45 100  
43 58.8 52.2 78.4  
87 27.8 21.0 31.6  
59 11.9 8.9 13.3





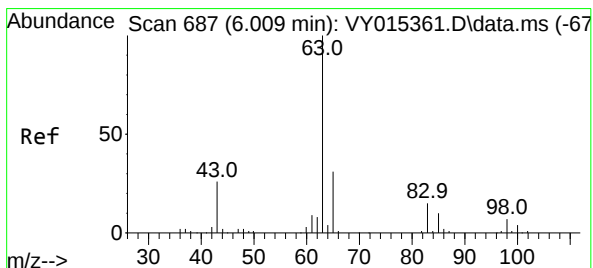
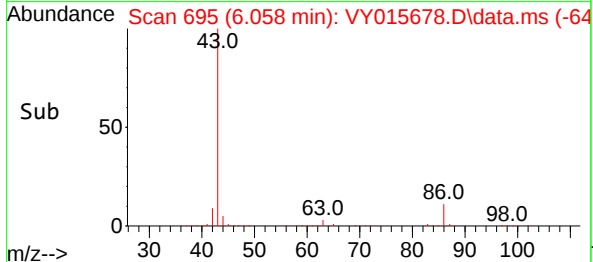
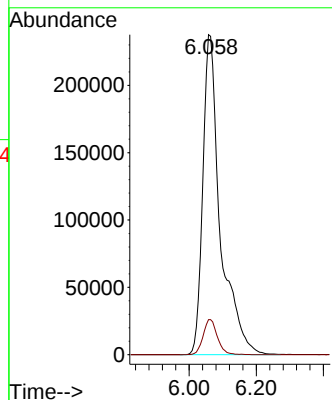
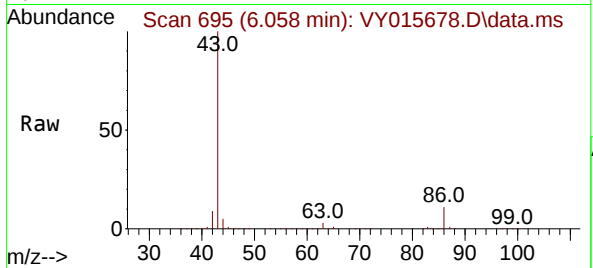
#23  
 Vinyl Acetate  
 Concen: 241.737 ug/l  
 RT: 6.058 min Scan# 694  
 Delta R.T. 0.007 min  
 Lab File: VY015678.D  
 Acq: 21 Sep 2023 18:19

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 858170  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 7.5 11.3

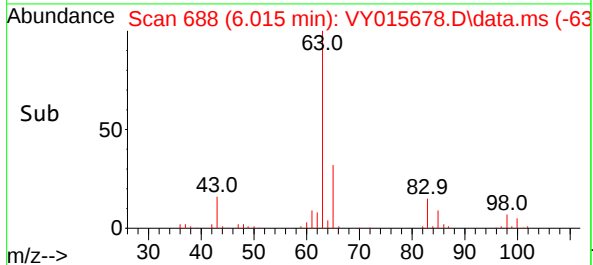
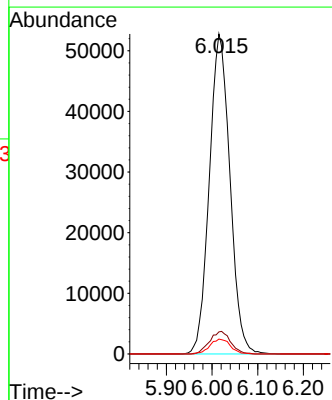
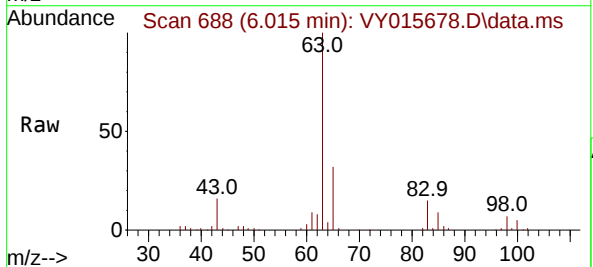
Manual Integrations  
 APPROVED

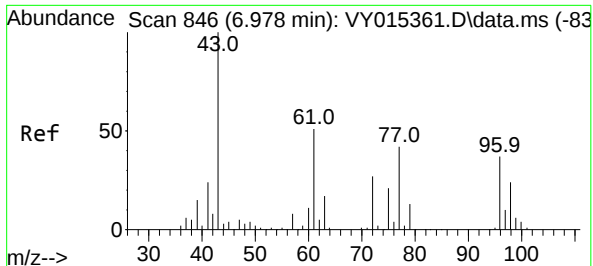
Reviewed By :John Carlone 09/22/2023  
 Supervised By :Mahesh Dadoda 09/22/2023



#24  
 1,1-Dichloroethane  
 Concen: 52.830 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. 0.012 min  
 Lab File: VY015678.D  
 Acq: 21 Sep 2023 18:19

Tgt Ion: 63 Resp: 165618  
 Ion Ratio Lower Upper  
 63 100  
 98 6.9 3.1 9.4  
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 252.559 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 31230

Ion Ratio Lower Upper

43 100

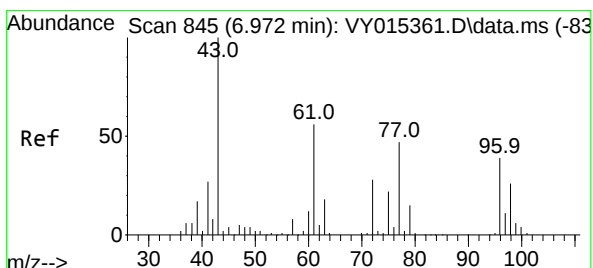
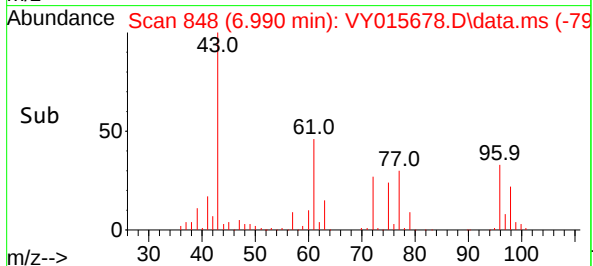
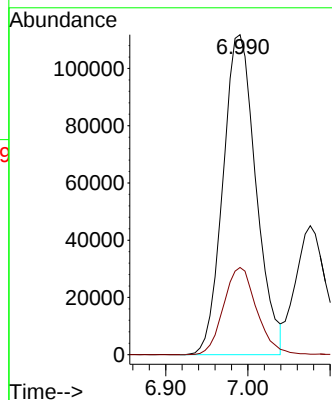
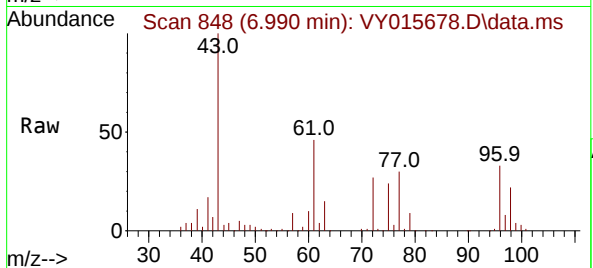
72 27.3 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#26

2,2-Dichloropropane

Concen: 40.068 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015678.D

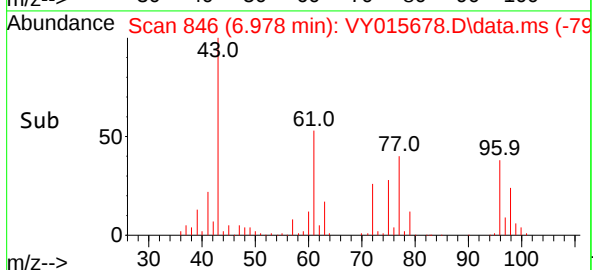
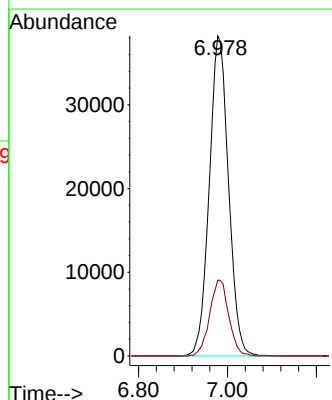
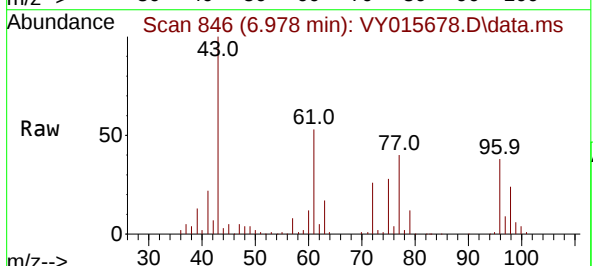
Acq: 21 Sep 2023 18:19

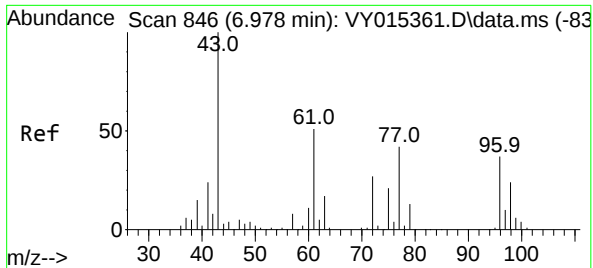
Tgt Ion: 77 Resp: 114807

Ion Ratio Lower Upper

77 100

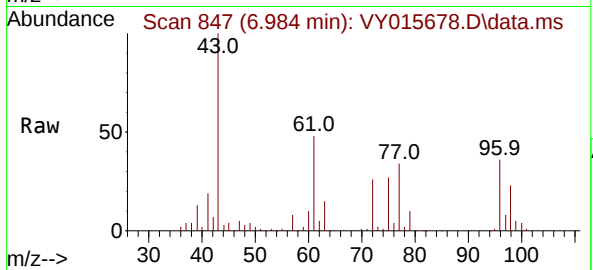
97 23.5 10.9 32.9





#27  
cis-1,2-Dichloroethene  
Concen: 53.423 ug/l  
RT: 6.984 min Scan# 846  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

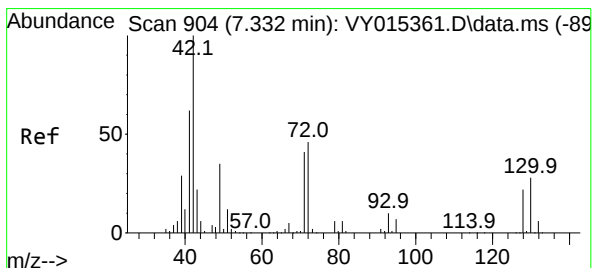
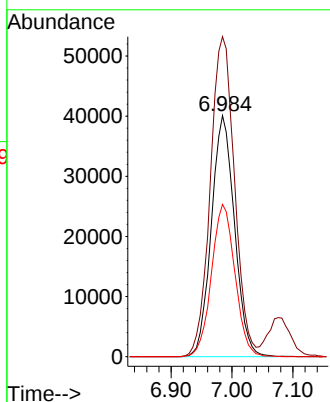
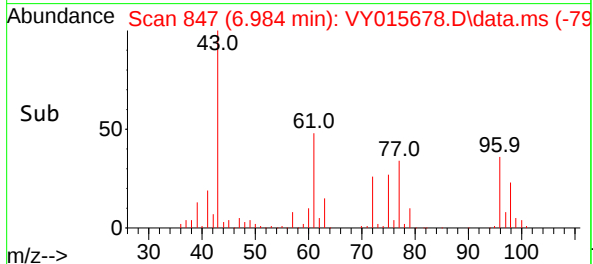
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 96 Resp: 10596  
Ion Ratio Lower Upper  
96 100  
61 138.6 0.0 301.4  
98 64.0 0.0 130.4

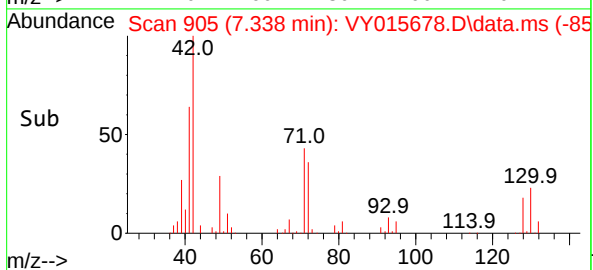
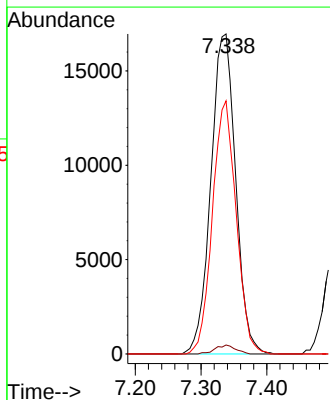
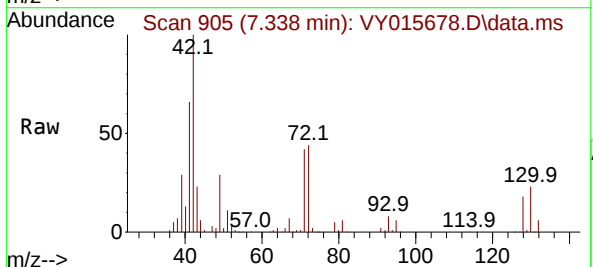
Manual Integrations  
APPROVED

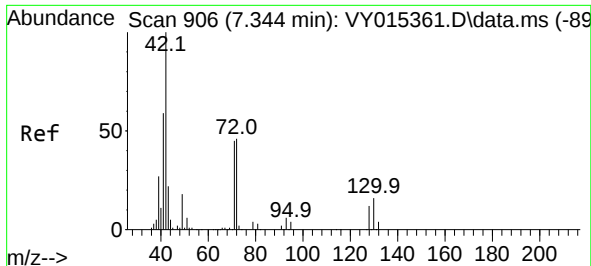
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#28  
Bromochloromethane  
Concen: 52.384 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.012 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Tgt Ion: 49 Resp: 44554  
Ion Ratio Lower Upper  
49 100  
129 2.3 0.0 4.6  
130 75.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 293.569 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

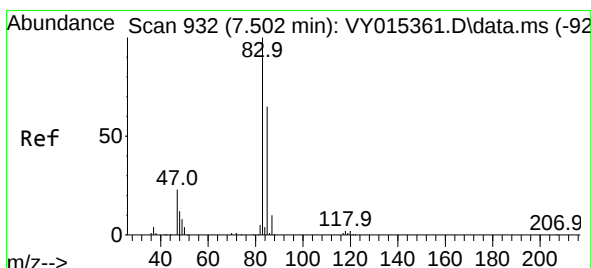
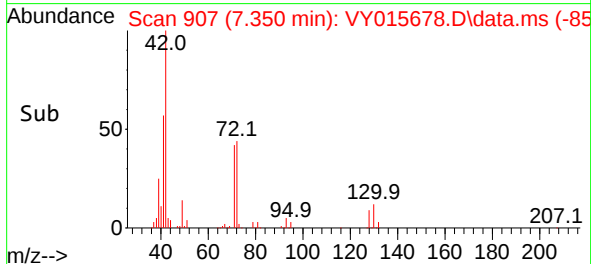
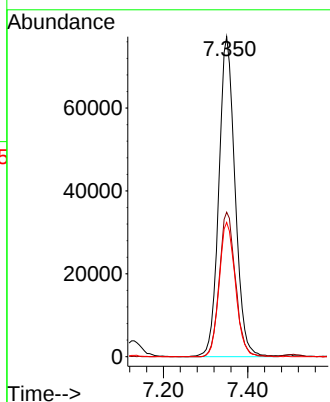
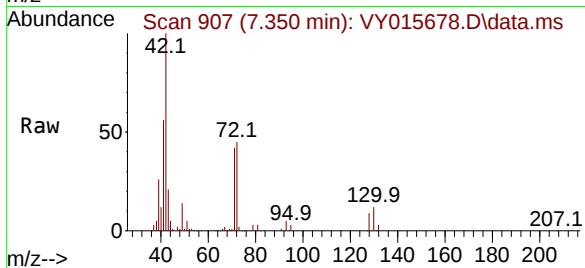
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 20518 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 45.0  | 32.8  | 49.2  |
| 71        | 42.0  | 31.0  | 46.4  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#30

Chloroform

Concen: 53.792 ug/l

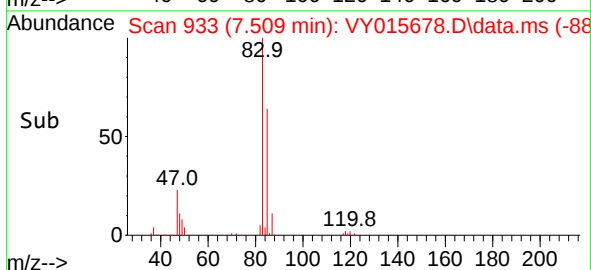
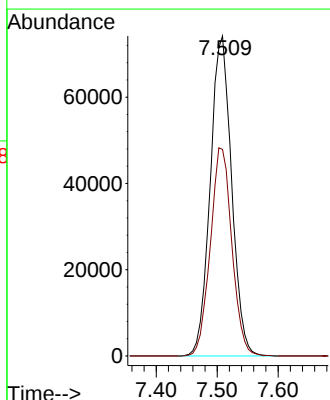
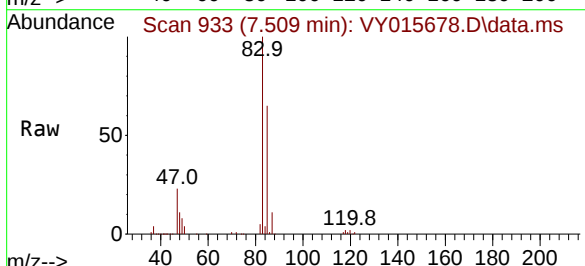
RT: 7.509 min Scan# 933

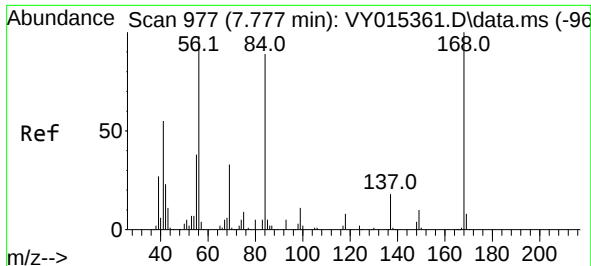
Delta R.T. 0.013 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

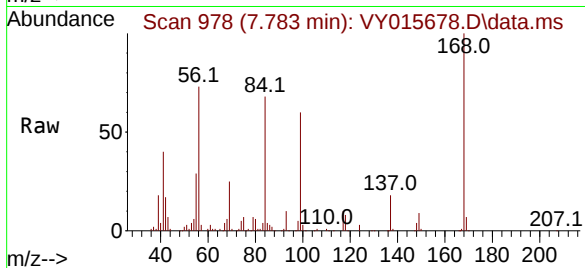
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 180592 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.5  | 49.7  | 74.5   |





#31  
Cyclohexane  
Concen: 48.534 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

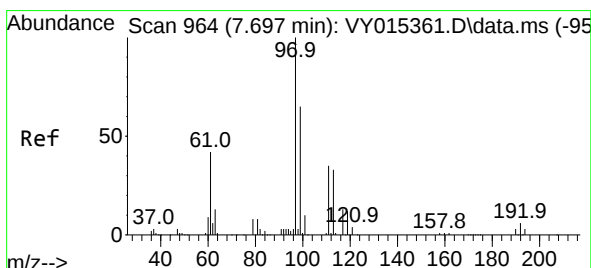
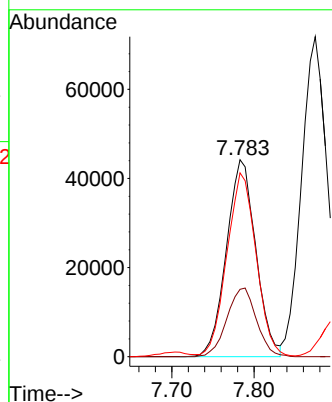
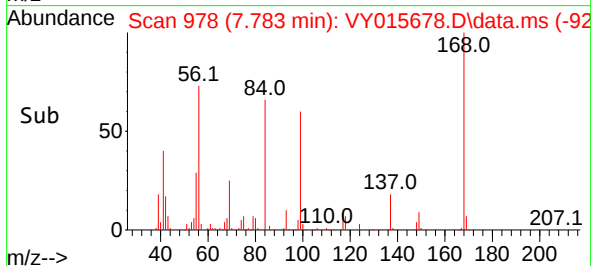
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 56 Resp: 10991  
Ion Ratio Lower Upper  
56 100  
69 34.2 27.8 41.6  
84 91.0 66.4 99.6

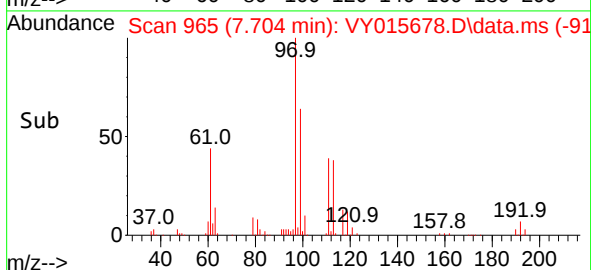
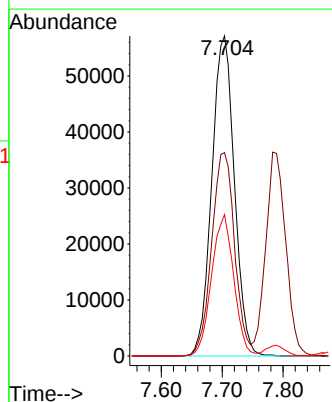
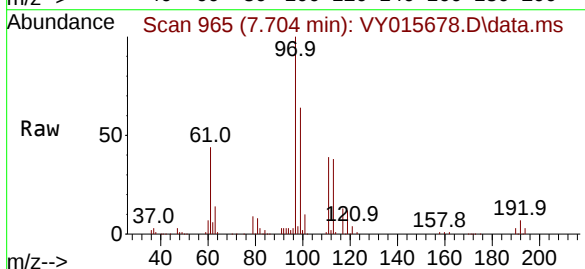
Manual Integrations  
APPROVED

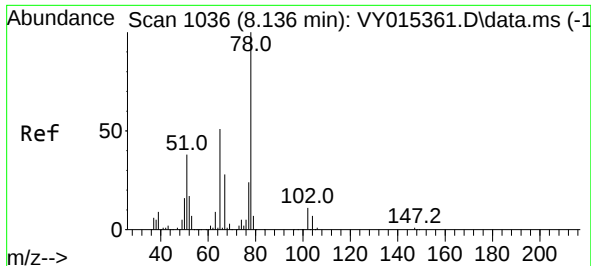
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#32  
1,1,1-Trichloroethane  
Concen: 53.171 ug/l  
RT: 7.704 min Scan# 965  
Delta R.T. 0.013 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Tgt Ion: 97 Resp: 147360  
Ion Ratio Lower Upper  
97 100  
99 64.4 50.8 76.2  
61 43.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.414 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 77510

Ion Ratio Lower Upper

65 100

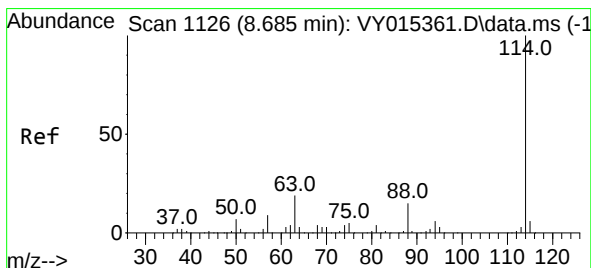
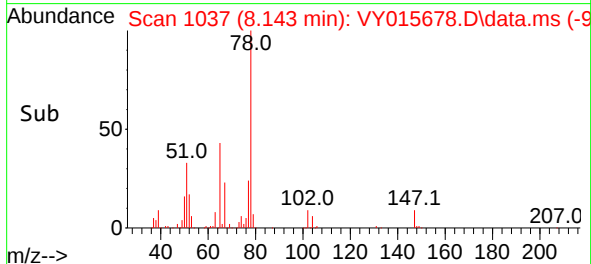
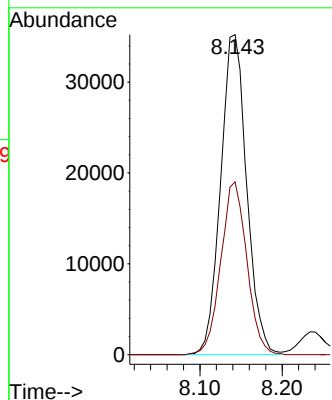
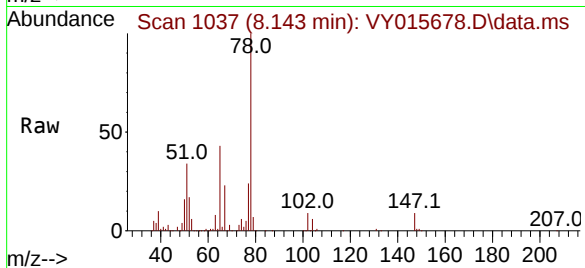
67 53.9 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

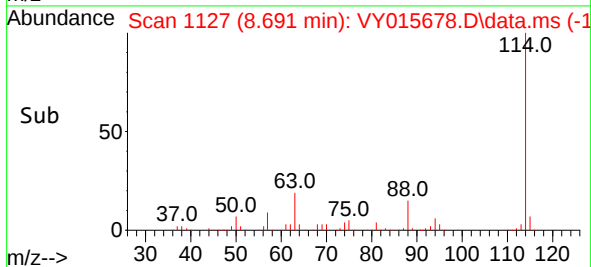
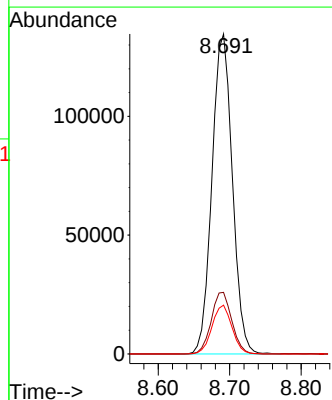
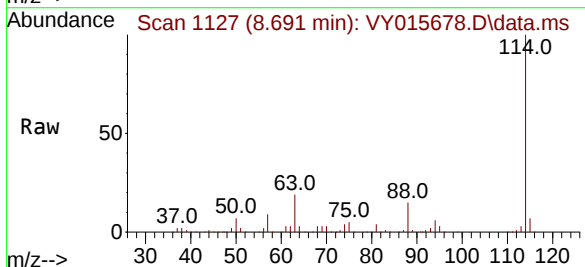
Tgt Ion:114 Resp: 266695

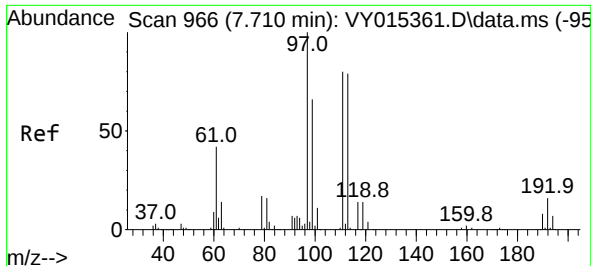
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

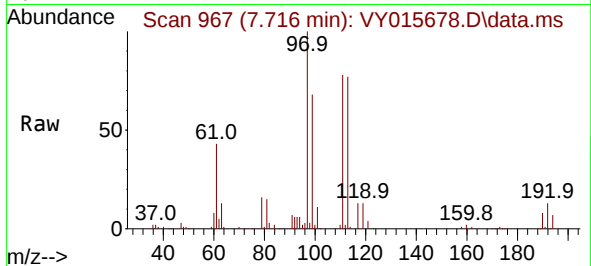
88 15.2 0.0 30.6





#35  
Dibromofluoromethane  
Concen: 46.074 ug/l  
RT: 7.716 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

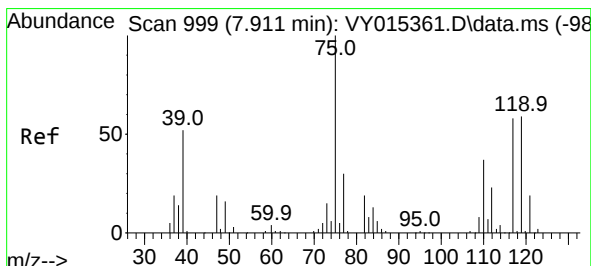
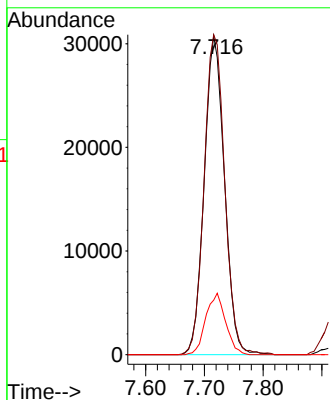
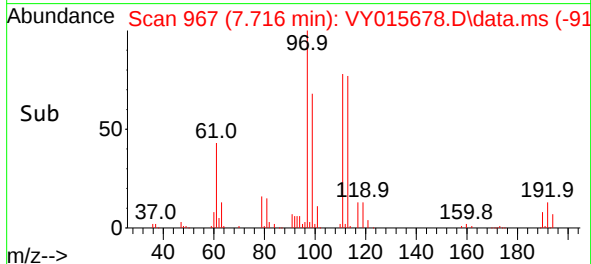
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



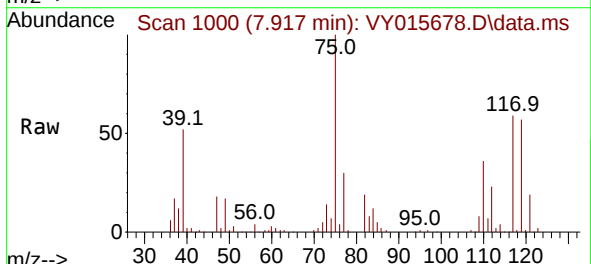
Tgt Ion:113 Resp: 73540  
Ion Ratio Lower Upper  
113 100  
111 102.3 81.3 121.9  
192 18.9 16.9 25.3

Manual Integrations  
APPROVED

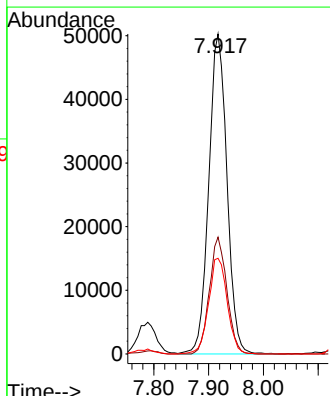
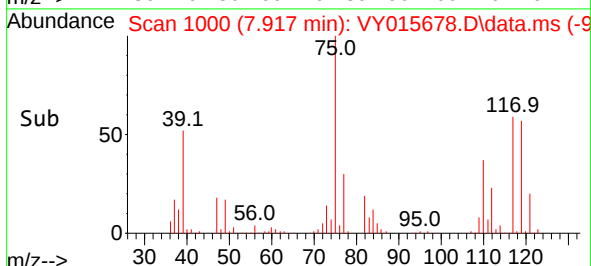
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023

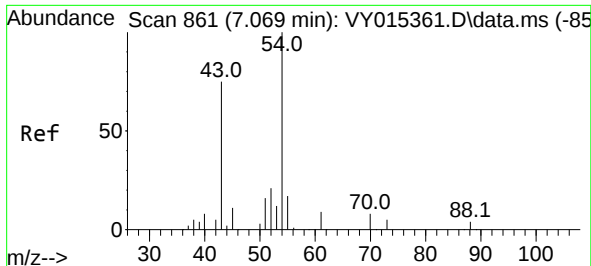


#36  
1,1-Dichloropropene  
Concen: 49.036 ug/l  
RT: 7.917 min Scan# 1000  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19



Tgt Ion: 75 Resp: 115734  
Ion Ratio Lower Upper  
75 100  
110 35.1 17.8 53.5  
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 51.236 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.013 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 120620

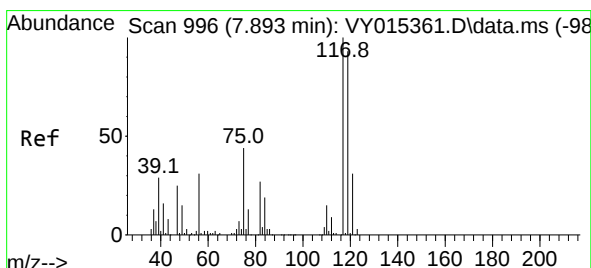
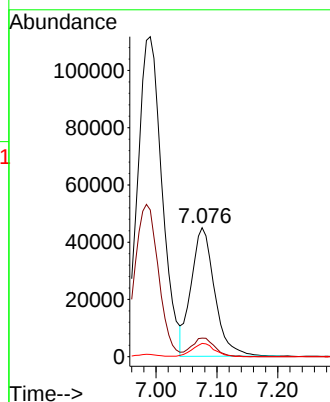
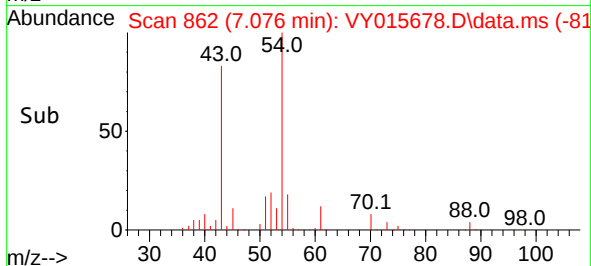
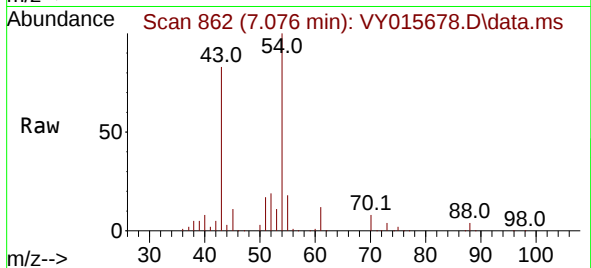
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 14.4  | 10.1  | 15.1  |
| 70  | 9.9   | 7.1   | 10.7  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#38

Carbon Tetrachloride

Concen: 49.358 ug/l

RT: 7.899 min Scan# 997

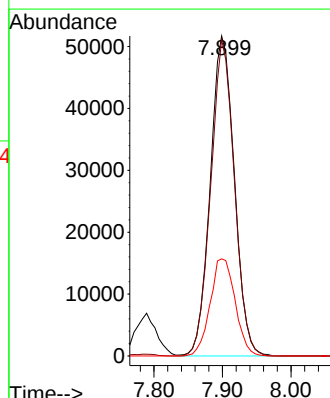
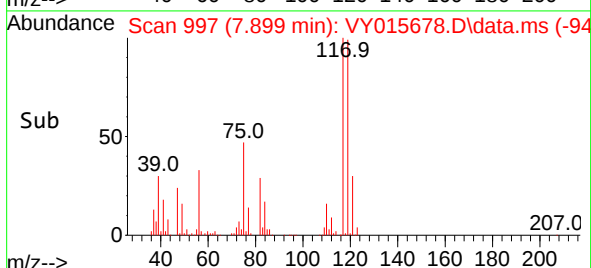
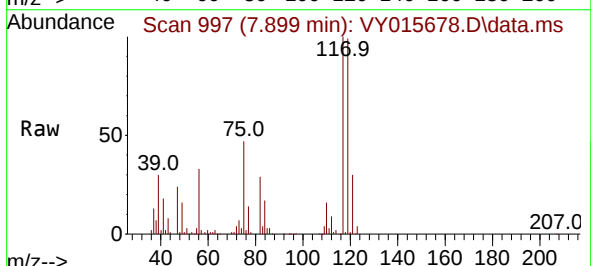
Delta R.T. 0.006 min

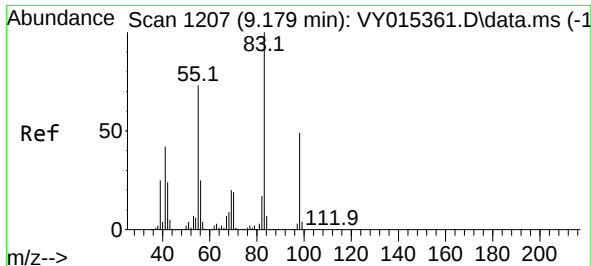
Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Tgt Ion:117 Resp: 126452

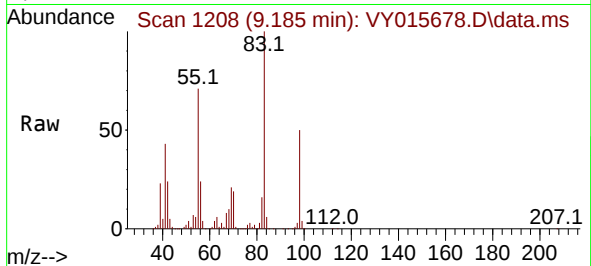
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 98.9  | 76.4  | 114.6 |
| 121 | 30.3  | 25.8  | 38.6  |





#39  
Methylcyclohexane  
Concen: 48.207 ug/l  
RT: 9.185 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

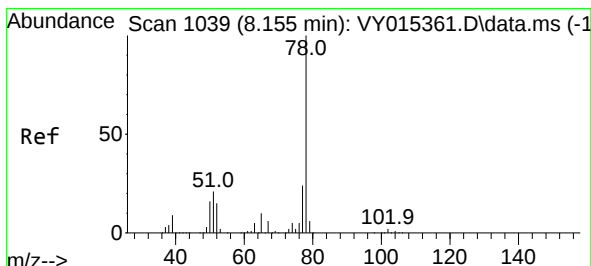
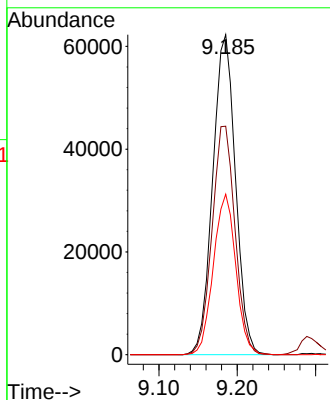
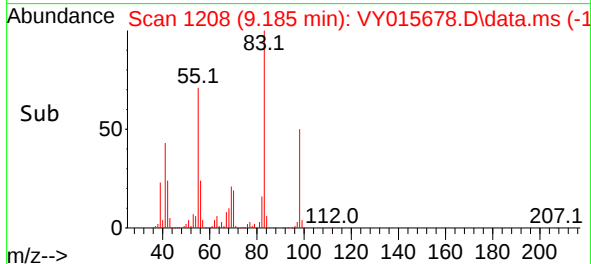
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 83 Resp: 12584  
Ion Ratio Lower Upper  
83 100  
55 71.4 63.0 94.4  
98 50.2 37.4 56.2

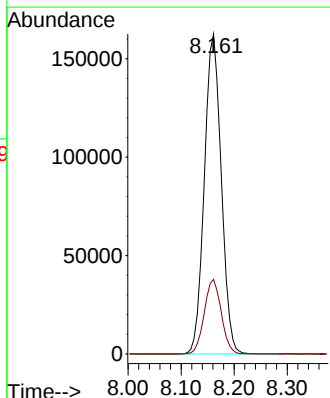
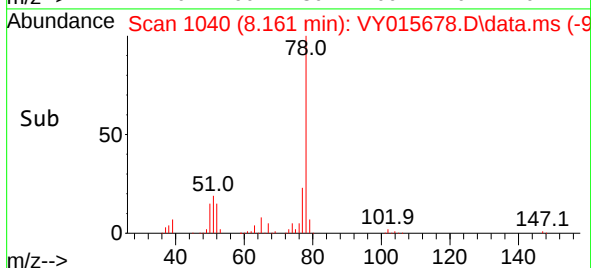
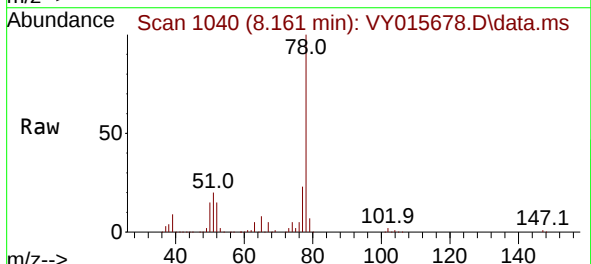
Manual Integrations  
APPROVED

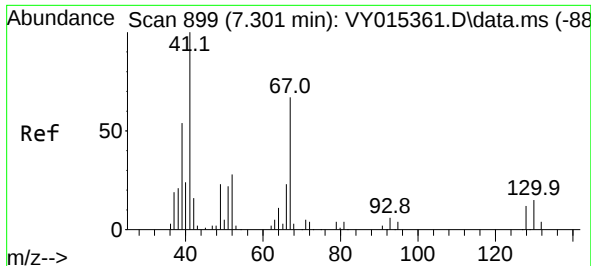
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#40  
Benzene  
Concen: 50.059 ug/l  
RT: 8.161 min Scan# 1040  
Delta R.T. 0.012 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

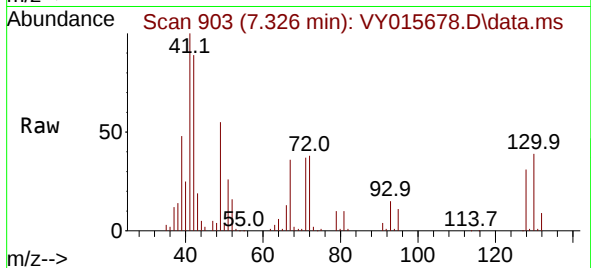
Tgt Ion: 78 Resp: 360303  
Ion Ratio Lower Upper  
78 100  
77 23.4 19.0 28.6





#41  
Methacrylonitrile  
Concen: 54.660 ug/l m  
RT: 7.326 min Scan# 903  
Delta R.T. 0.013 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

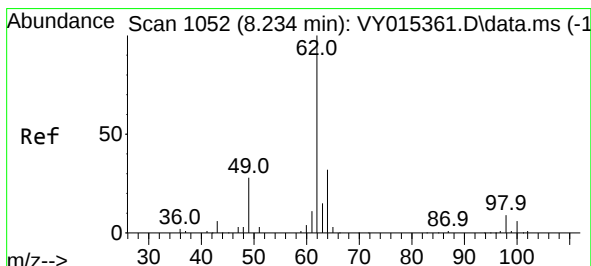
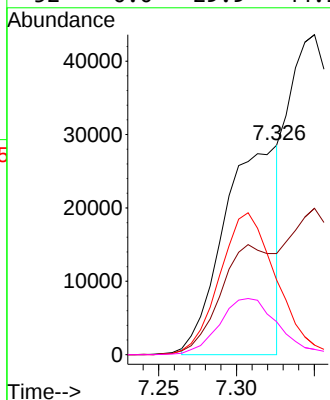
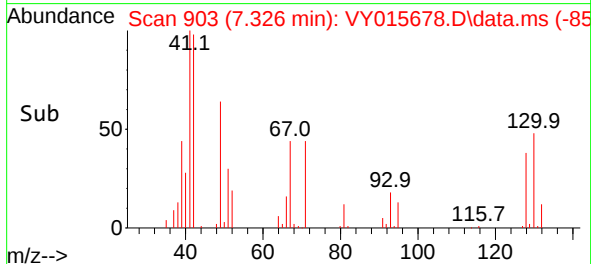
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 41 Resp: 6928  
Ion Ratio Lower Upper  
41 100  
39 69.4 52.1 78.1  
67 0.0 66.2 99.2  
52 0.0 29.9 44.9

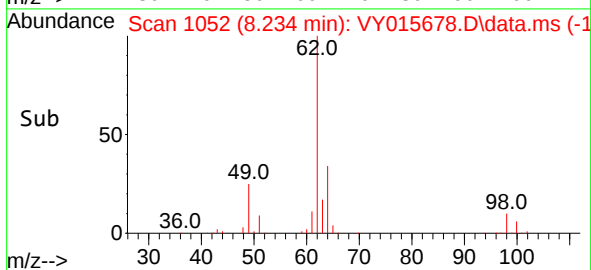
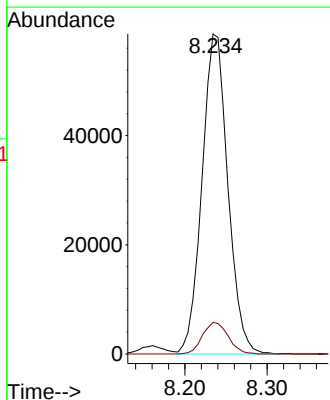
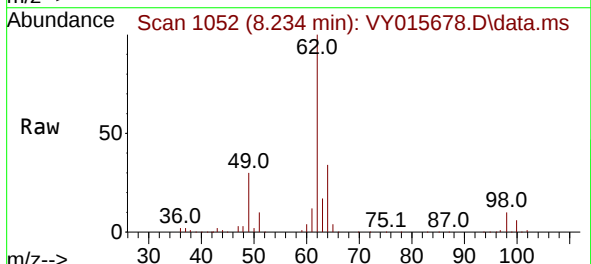
Manual Integrations  
APPROVED

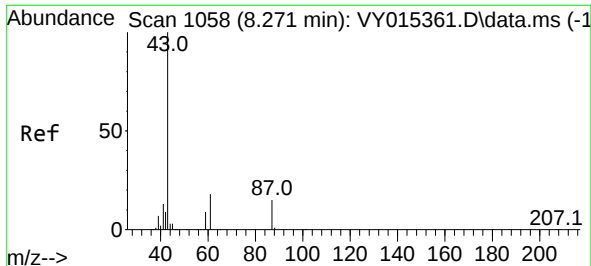
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#42  
1,2-Dichloroethane  
Concen: 52.018 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. 0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

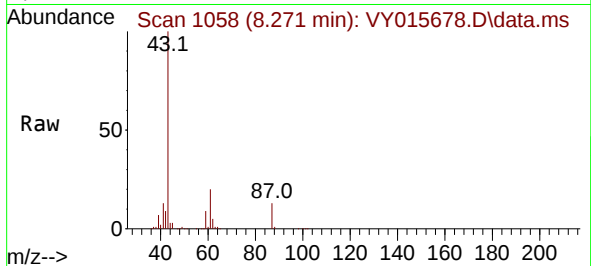
Tgt Ion: 62 Resp: 128225  
Ion Ratio Lower Upper  
62 100  
98 9.8 0.0 15.8





#43  
Isopropyl Acetate  
Concen: 51.470 ug/l  
RT: 8.271 min Scan# 1058  
Delta R.T. 0.007 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

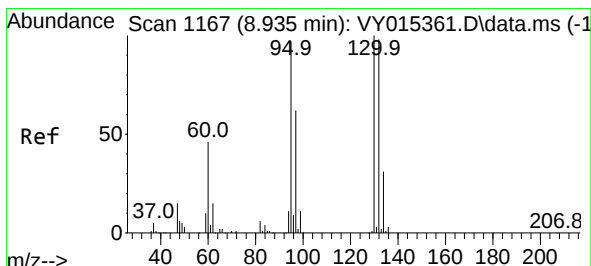
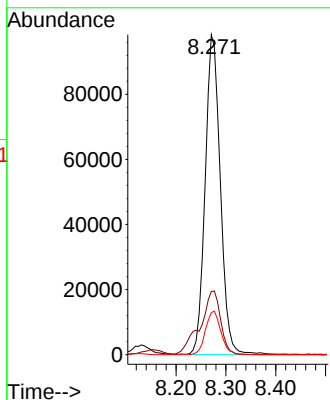
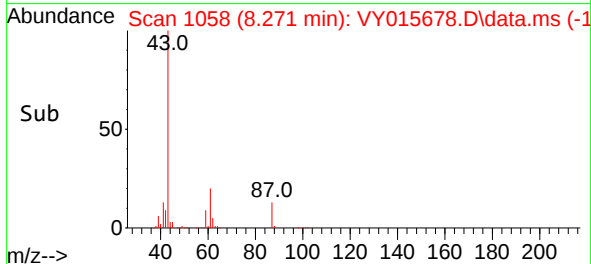
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



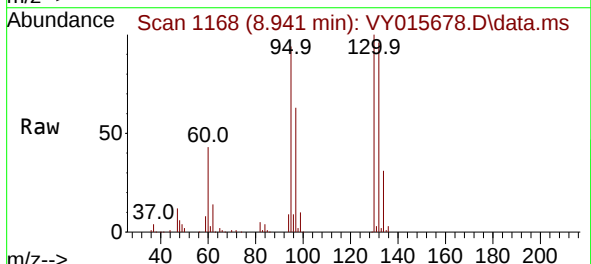
Tgt Ion: 43 Resp: 206984  
Ion Ratio Lower Upper  
43 100  
61 27.0 21.1 31.7  
87 13.9 9.8 14.8

Manual Integrations  
APPROVED

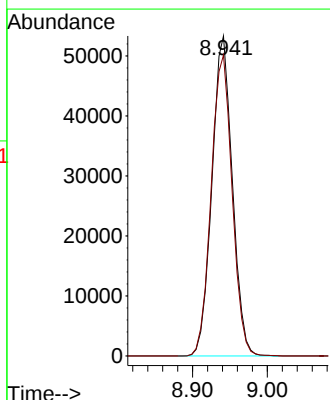
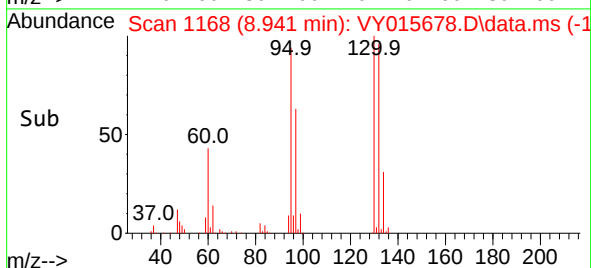
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023

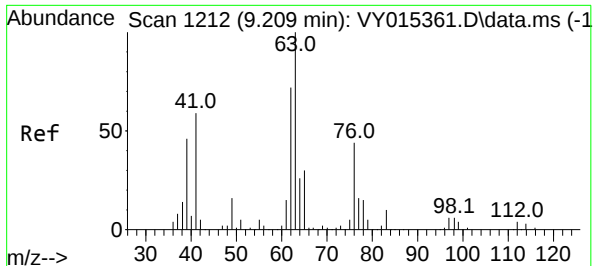


#44  
Trichloroethene  
Concen: 50.367 ug/l  
RT: 8.941 min Scan# 1168  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19



Tgt Ion:130 Resp: 101252  
Ion Ratio Lower Upper  
130 100  
95 94.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.602 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 10156

Ion Ratio Lower Upper

63 100

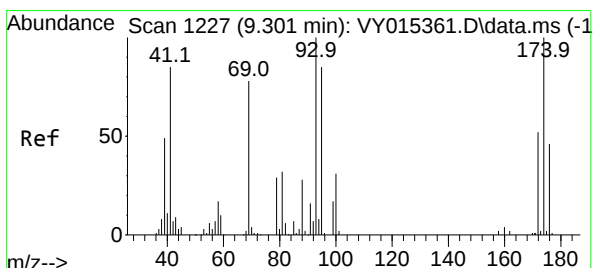
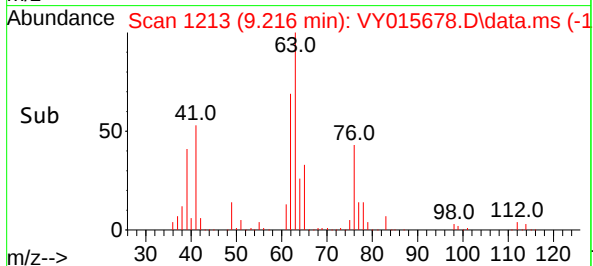
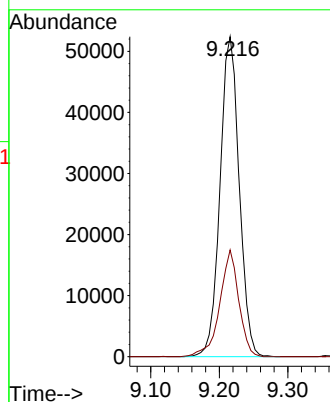
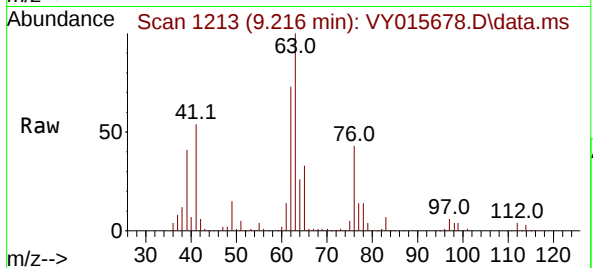
65 33.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#46

Dibromomethane

Concen: 52.046 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

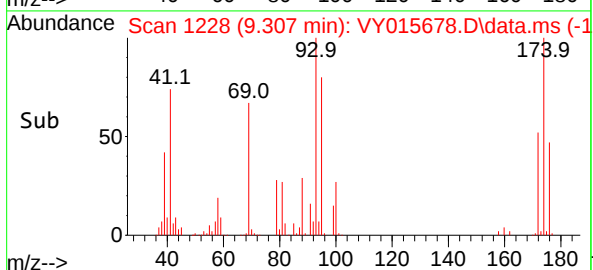
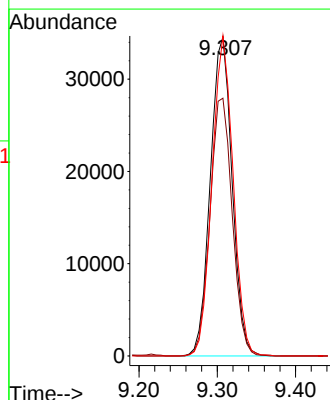
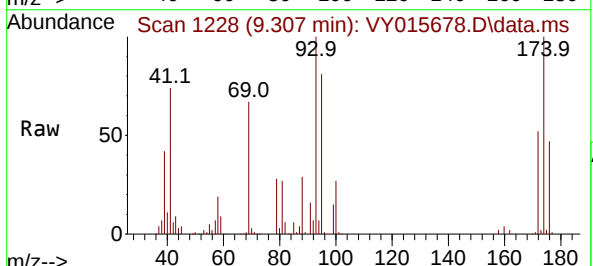
Tgt Ion: 93 Resp: 66824

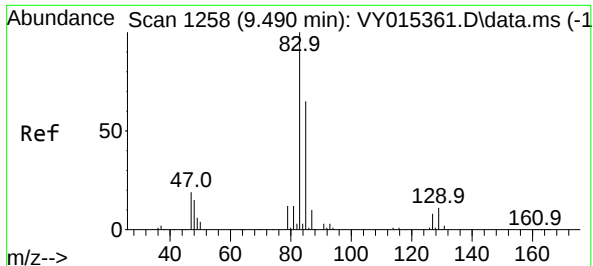
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 97.3 84.8 127.2





#47

Bromodichloromethane

Concen: 51.421 ug/l

RT: 9.496 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

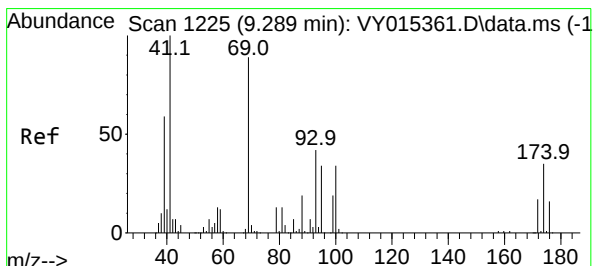
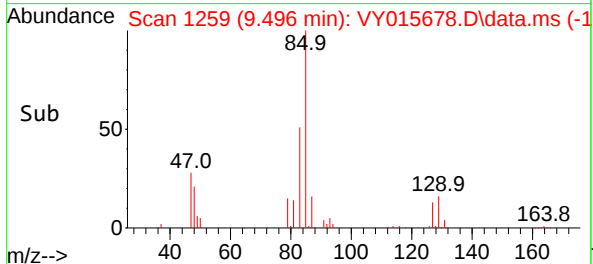
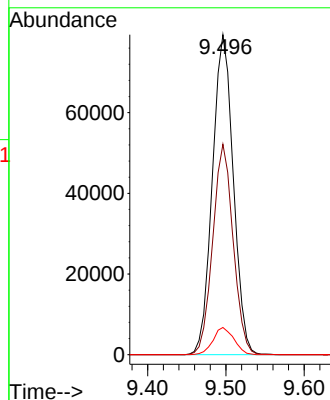
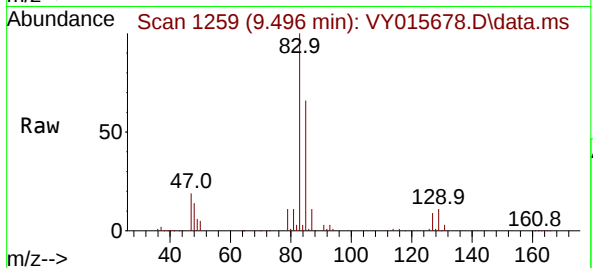
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 83    | Resp: | 14715 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 85        | 65.7  | 50.1  | 75.1  |
| 127       | 8.5   | 7.1   | 10.7  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#48

Methyl methacrylate

Concen: 54.044 ug/l

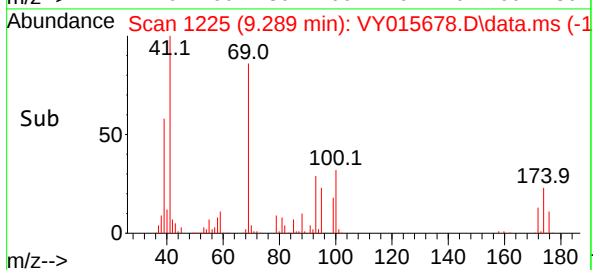
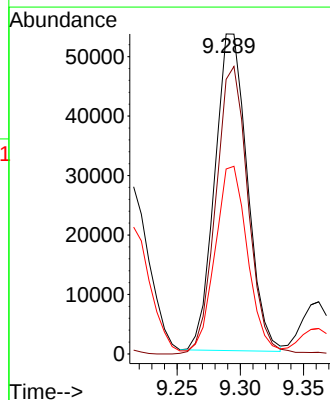
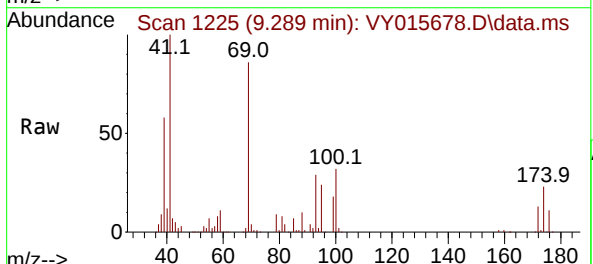
RT: 9.289 min Scan# 1225

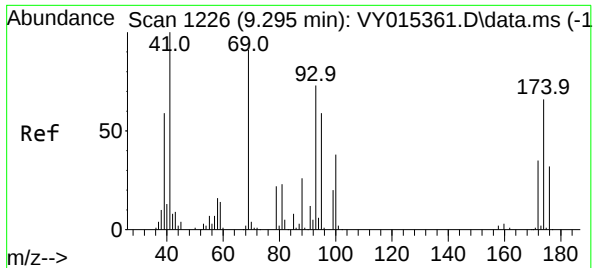
Delta R.T. -0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 95396 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 89.9  | 64.5  | 96.7  |
| 39        | 59.3  | 50.8  | 76.2  |





#49

1,4-Dioxane

Concen: 1148.030 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

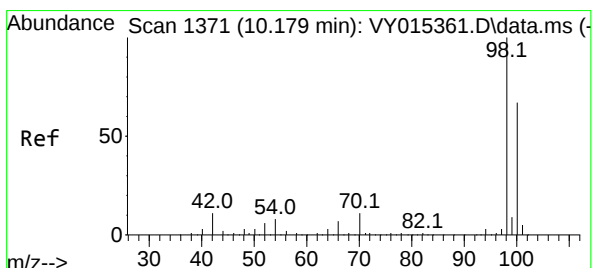
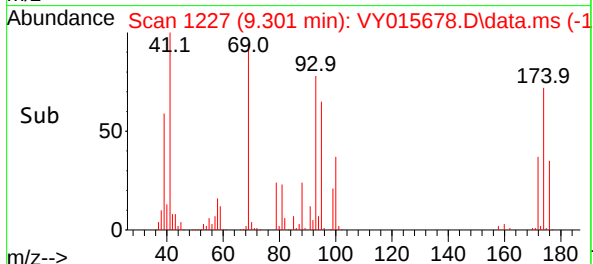
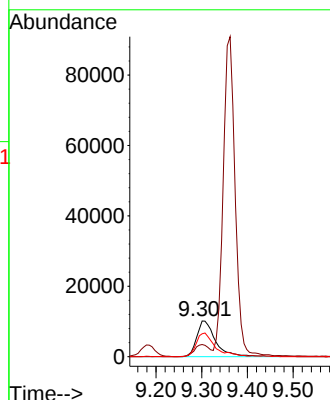
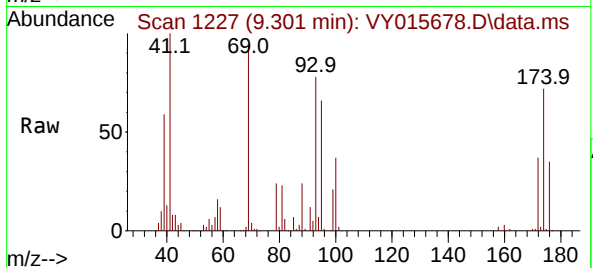
Tgt Ion: 88 Resp: 29120  
 Ion Ratio Lower Upper  
 88 100  
 43 28.1 0.0 0.0  
 58 66.7 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#50

Toluene-d8

Concen: 42.997 ug/l

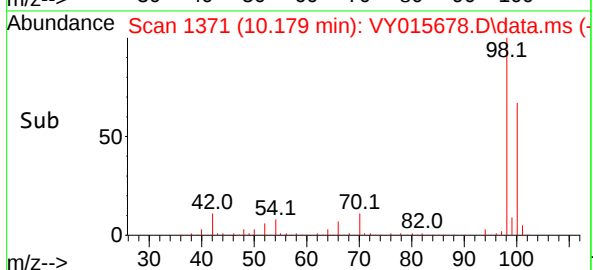
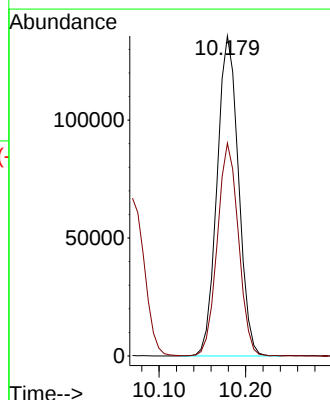
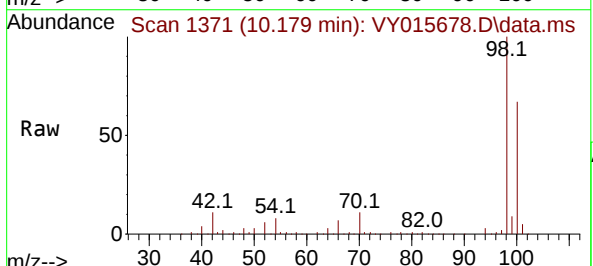
RT: 10.179 min Scan# 1371

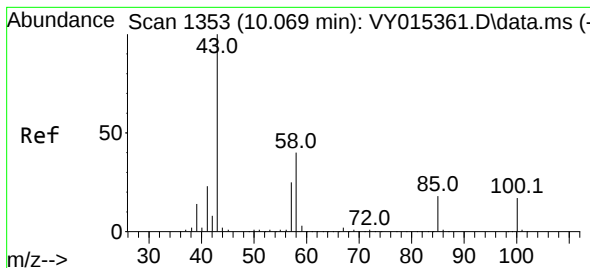
Delta R.T. -0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Tgt Ion: 98 Resp: 232715  
 Ion Ratio Lower Upper  
 98 100  
 100 65.7 50.1 75.1





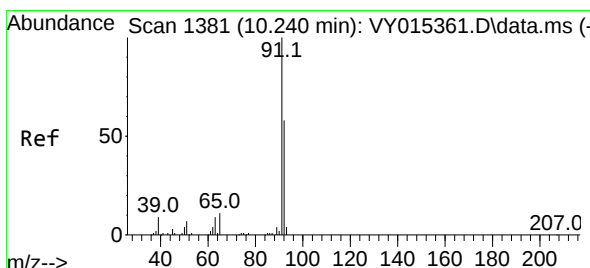
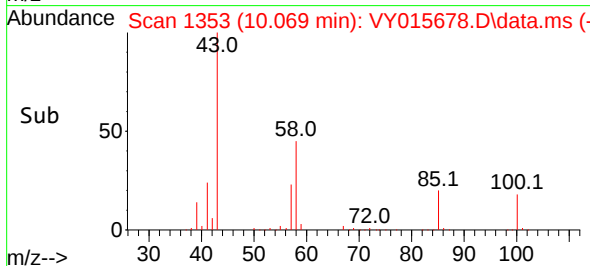
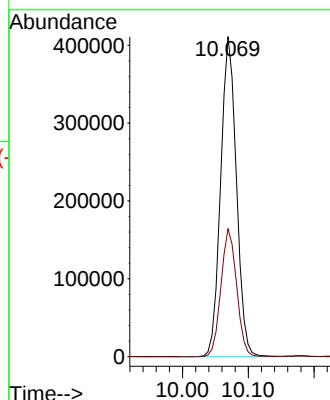
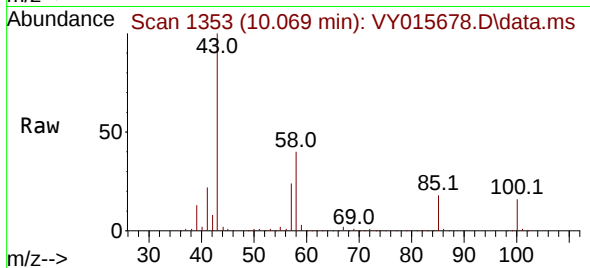
#51  
4-Methyl-2-Pentanone  
Concen: 274.891 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 68517  
Ion Ratio Lower Upper  
43 100  
58 39.8 29.0 43.6

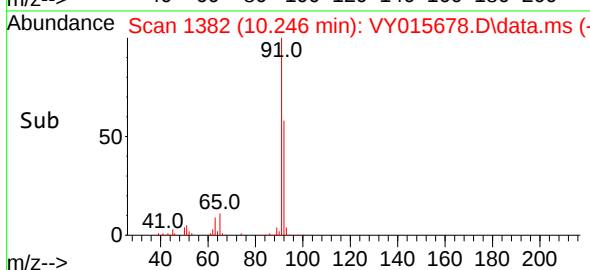
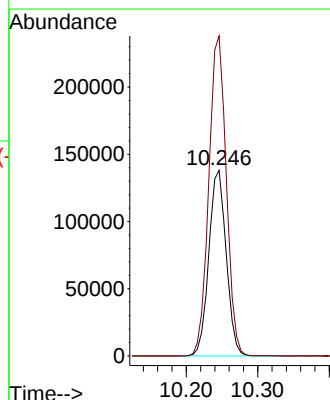
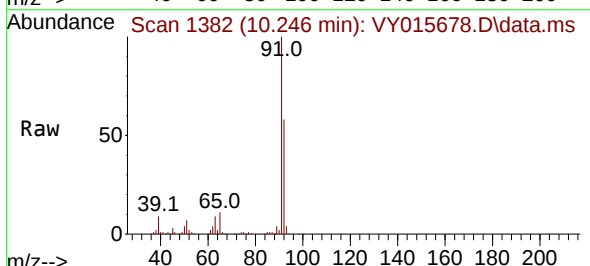
Manual Integrations  
APPROVED

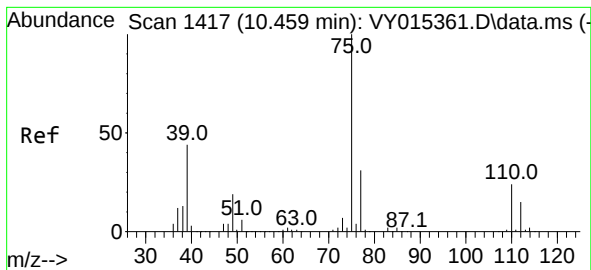
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#52  
Toluene  
Concen: 50.143 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Tgt Ion: 92 Resp: 232674  
Ion Ratio Lower Upper  
92 100  
91 173.9 143.8 215.6





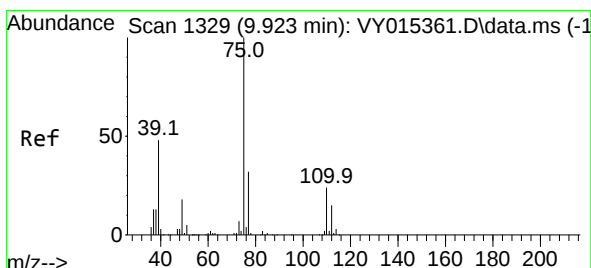
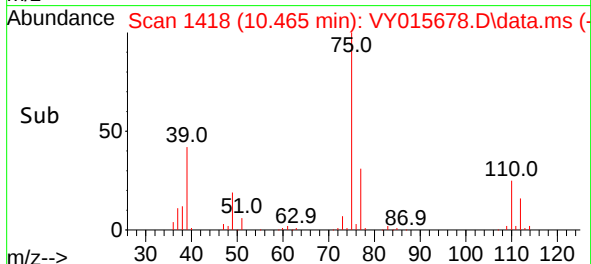
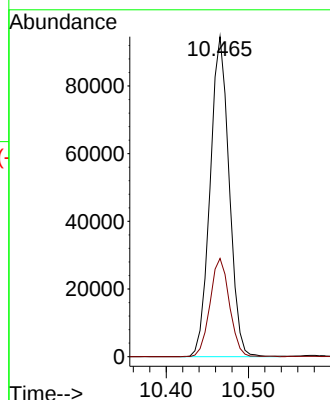
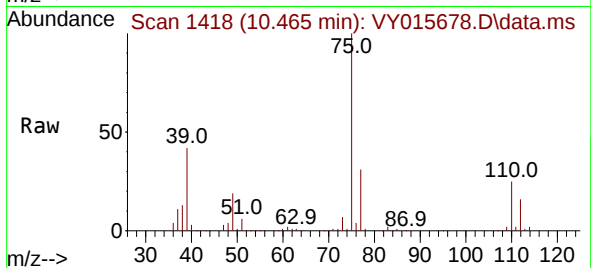
#53  
 t-1,3-Dichloropropene  
 Concen: 49.530 ug/l  
 RT: 10.465 min Scan# 1417  
 Delta R.T. 0.006 min  
 Lab File: VY015678.D  
 Acq: 21 Sep 2023 18:19

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 75 Resp: 152000  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 25.0 37.4

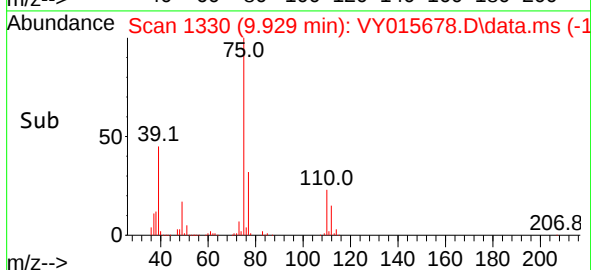
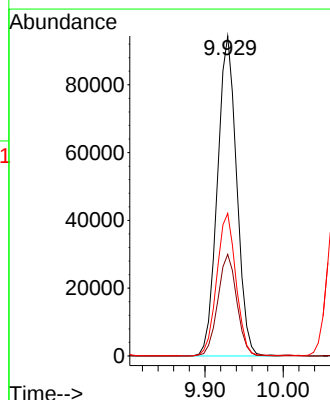
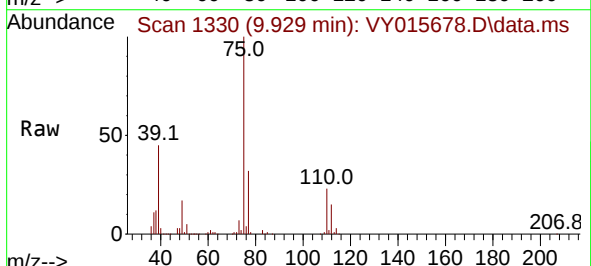
Manual Integrations  
 APPROVED

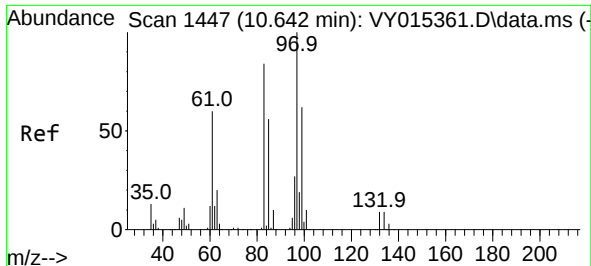
Reviewed By :John Carlone 09/22/2023  
 Supervised By :Mahesh Dadoda 09/22/2023



#54  
 cis-1,3-Dichloropropene  
 Concen: 48.783 ug/l  
 RT: 9.929 min Scan# 1330  
 Delta R.T. 0.006 min  
 Lab File: VY015678.D  
 Acq: 21 Sep 2023 18:19

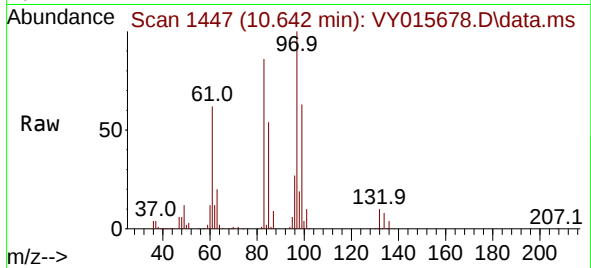
Tgt Ion: 75 Resp: 161154  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 24.2 36.4  
 39 44.5 42.2 63.4





#55  
1,1,2-Trichloroethane  
Concen: 51.743 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

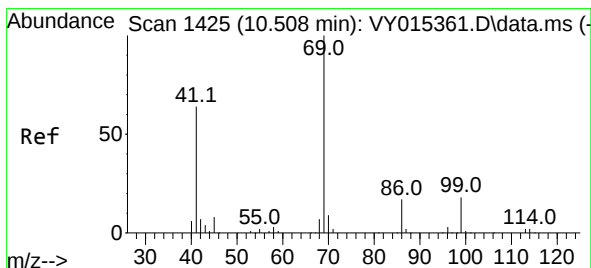
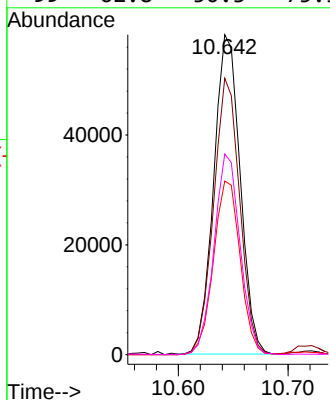
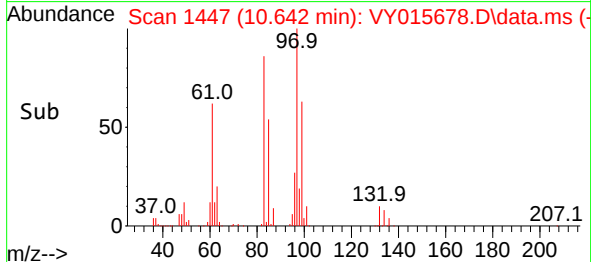
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



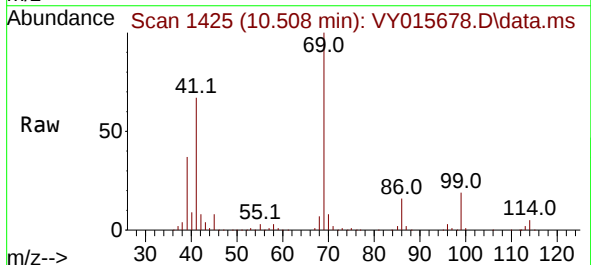
| Tgt Ion: | 97    | Resp: | 9735  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.6  | 72.0  | 108.0 |
| 85       | 54.4  | 45.4  | 68.0  |
| 99       | 62.8  | 50.3  | 75.5  |

Manual Integrations  
APPROVED

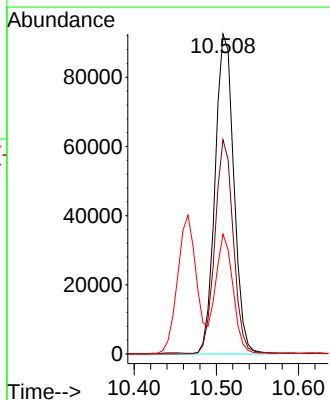
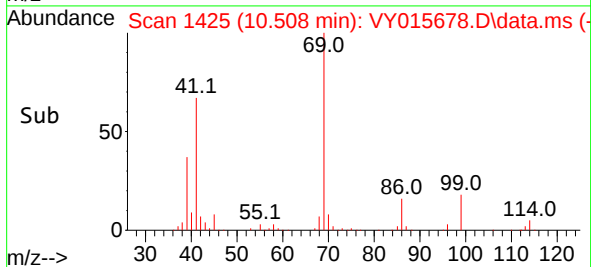
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023

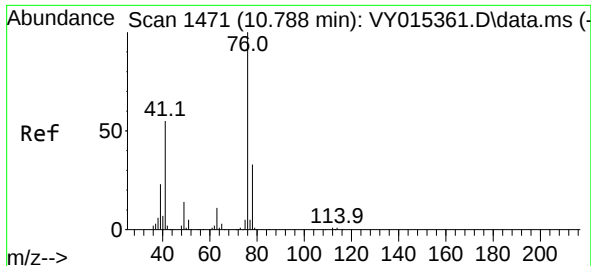


#56  
Ethyl methacrylate  
Concen: 53.025 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19



| Tgt Ion: | 69    | Resp: | 147031 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 65.0  | 57.6  | 86.4   |
| 39       | 34.2  | 34.1  | 51.1   |





#57

1,3-Dichloropropane

Concen: 51.279 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 161804

Ion Ratio Lower Upper

76 100

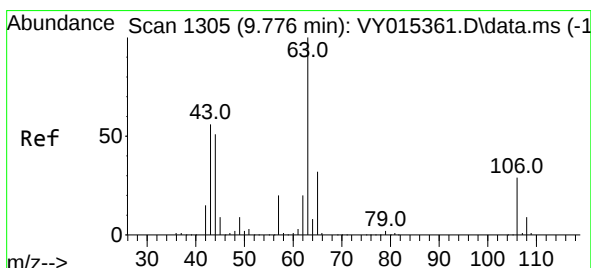
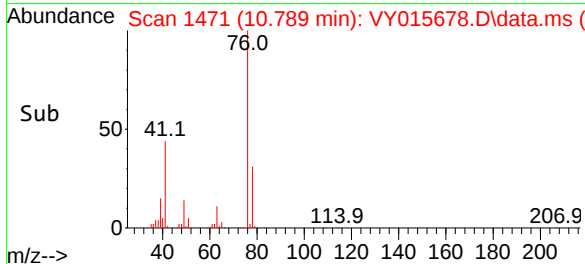
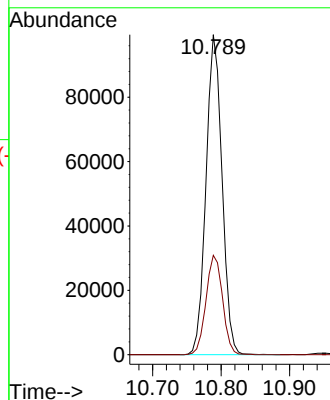
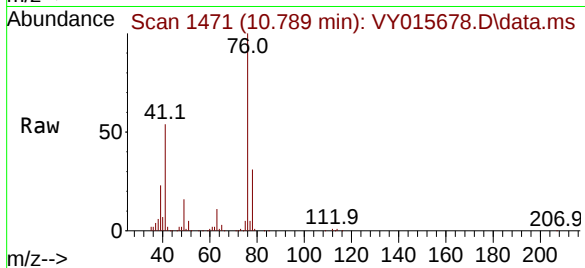
78 32.1 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 254.419 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.007 min

Lab File: VY015678.D

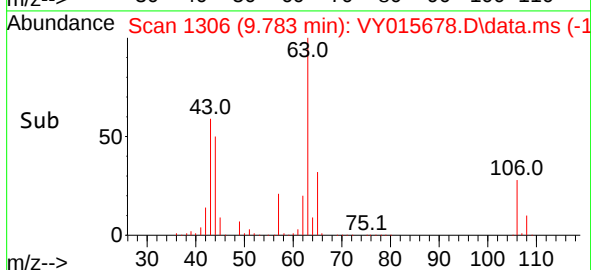
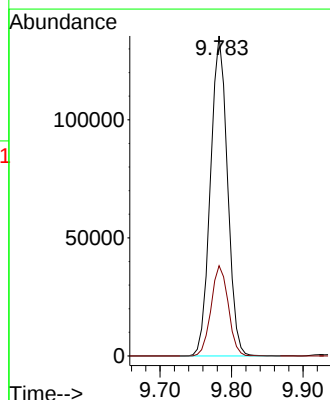
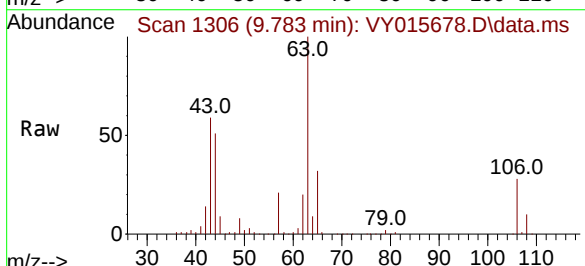
Acq: 21 Sep 2023 18:19

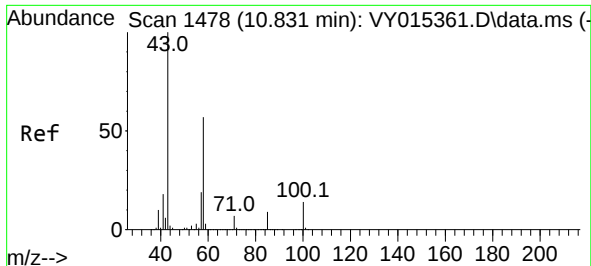
Tgt Ion: 63 Resp: 224087

Ion Ratio Lower Upper

63 100

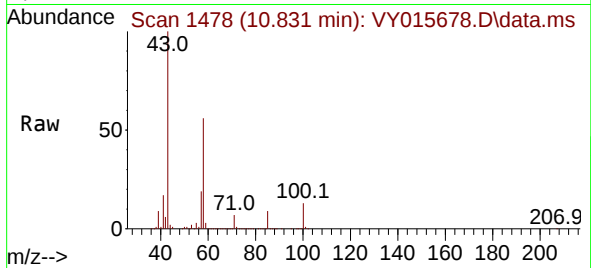
106 28.4 21.2 31.8





#59  
2-Hexanone  
Concen: 263.930 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

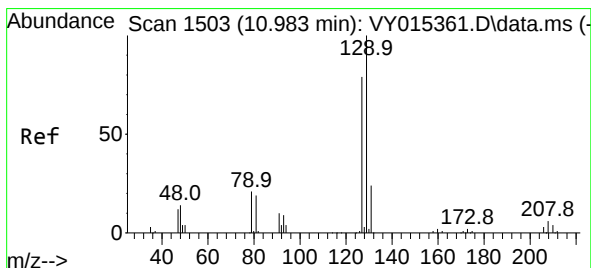
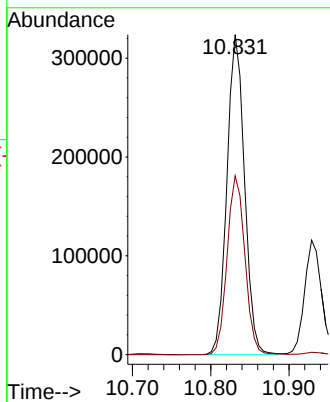
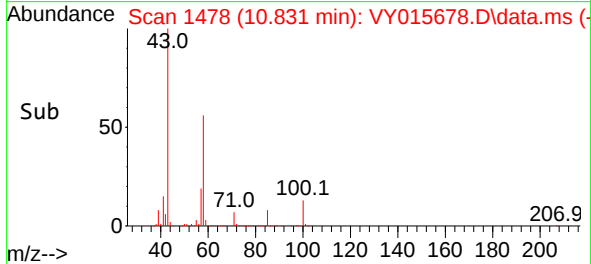
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 504715  
Ion Ratio Lower Upper  
43 100  
58 56.5 25.1 75.3

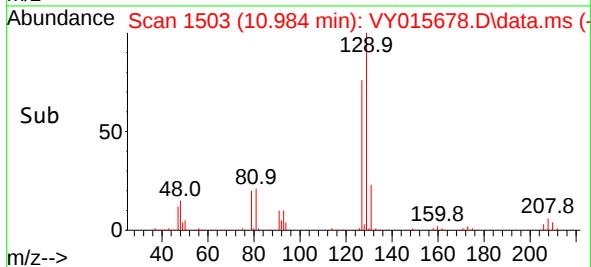
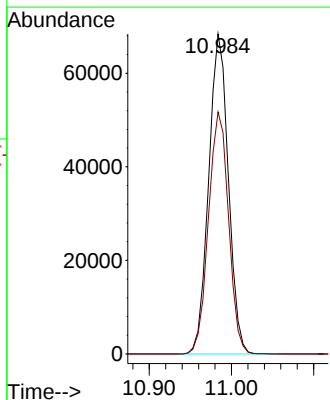
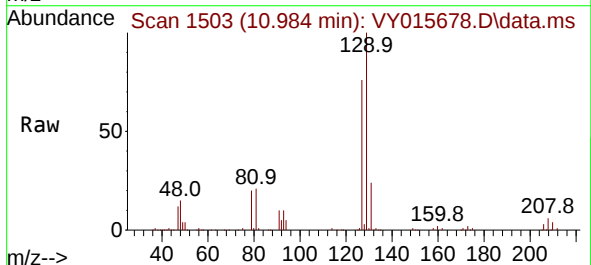
Manual Integrations  
APPROVED

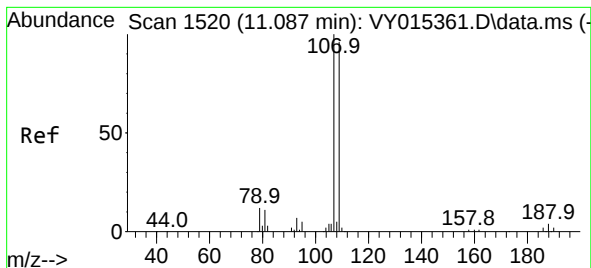
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#60  
Dibromochloromethane  
Concen: 51.659 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.001 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Tgt Ion:129 Resp: 113465  
Ion Ratio Lower Upper  
129 100  
127 77.3 38.5 115.5





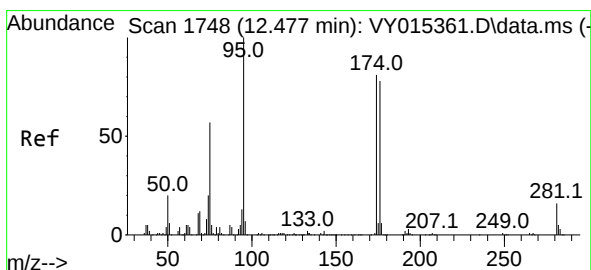
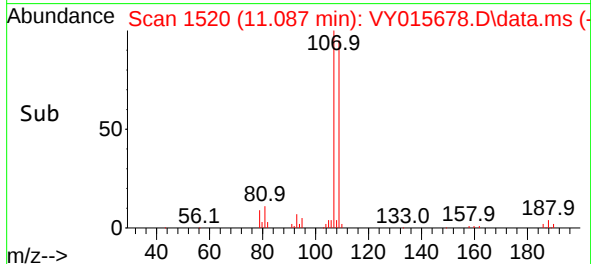
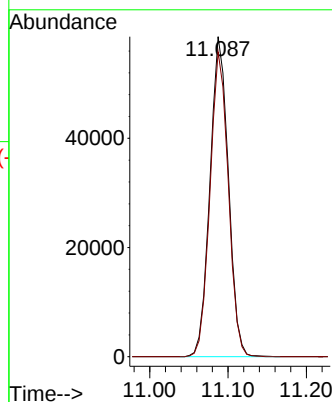
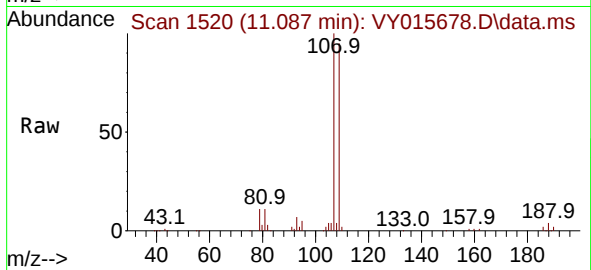
#61  
1,2-Dibromoethane  
Concen: 52.063 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:107 Resp: 95835  
Ion Ratio Lower Upper  
107 100  
109 94.3 75.6 113.4

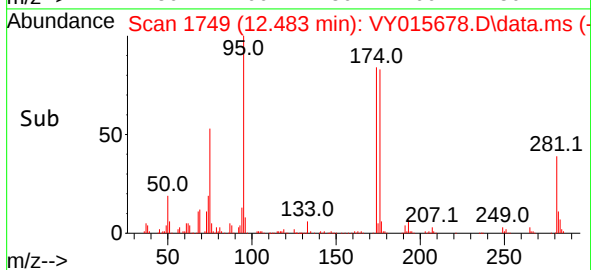
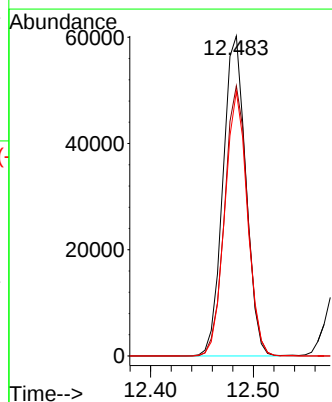
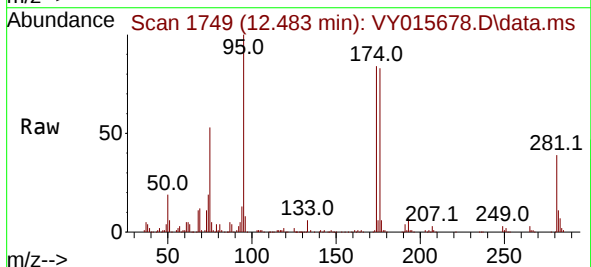
Manual Integrations  
APPROVED

Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#62  
4-Bromofluorobenzene  
Concen: 43.809 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Tgt Ion: 95 Resp: 93050  
Ion Ratio Lower Upper  
95 100  
174 84.2 0.0 178.2  
176 81.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 244720

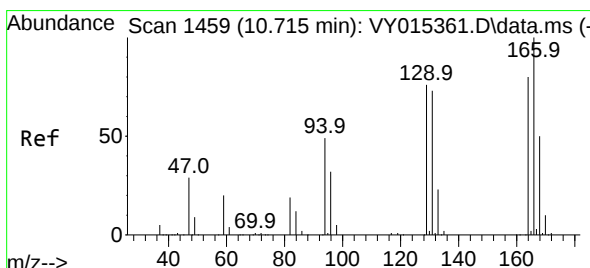
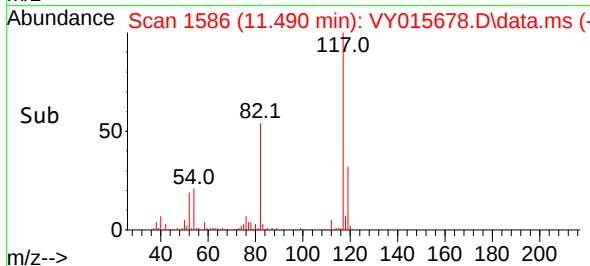
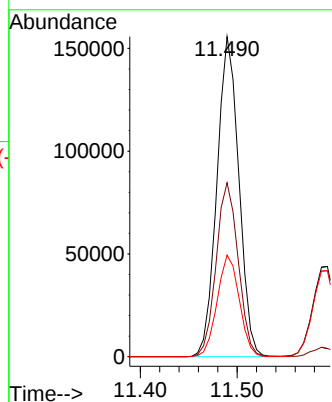
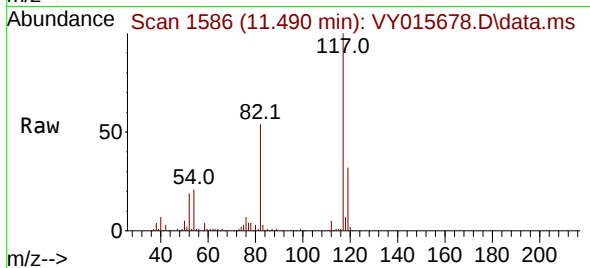
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 54.4  | 43.4  | 65.0  |
| 119 | 31.8  | 26.3  | 39.5  |

Manual Integrations

APPROVED

Reviewed By :John Carbone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#64

Tetrachloroethene

Concen: 55.860 ug/l

RT: 10.721 min Scan# 1460

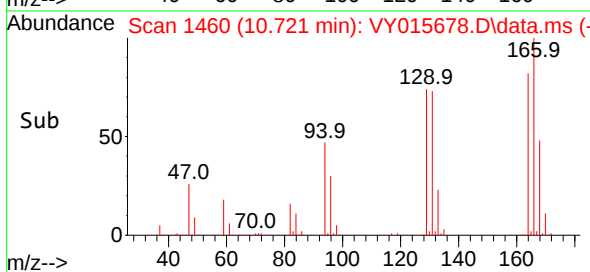
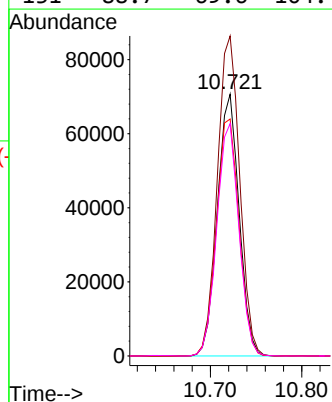
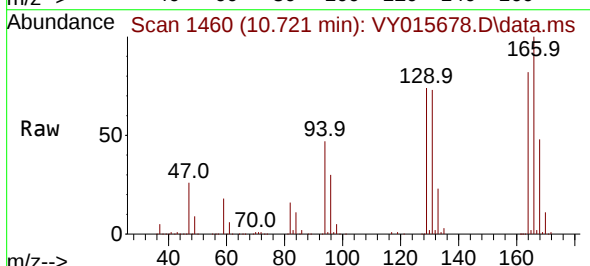
Delta R.T. 0.006 min

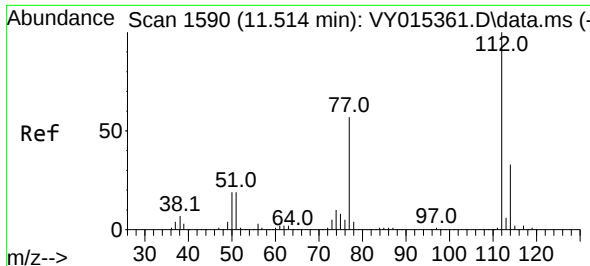
Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Tgt Ion:164 Resp: 117284

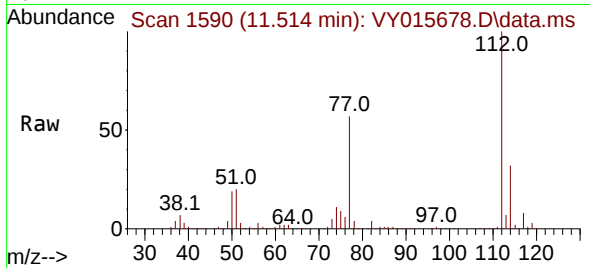
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 166 | 122.2 | 103.0 | 154.6 |
| 129 | 90.5  | 77.2  | 115.8 |
| 131 | 88.7  | 69.6  | 104.4 |





#65  
Chlorobenzene  
Concen: 49.638 ug/l  
RT: 11.514 min Scan# 1150  
Delta R.T. 0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

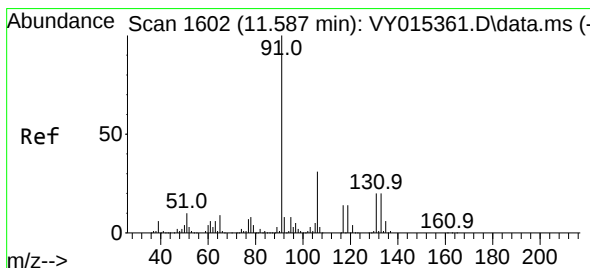
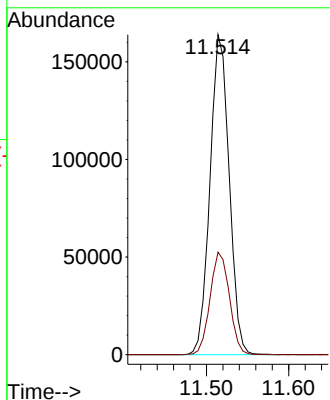
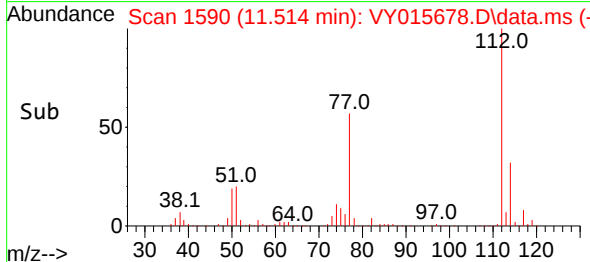
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:112 Resp: 26515  
Ion Ratio Lower Upper  
112 100  
114 32.0 25.5 38.3

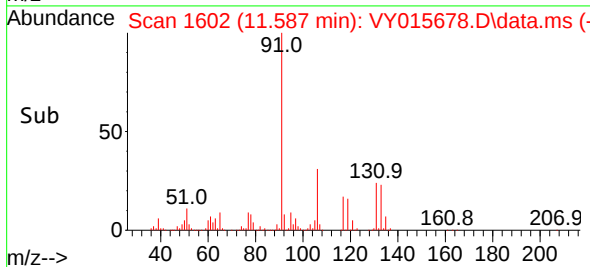
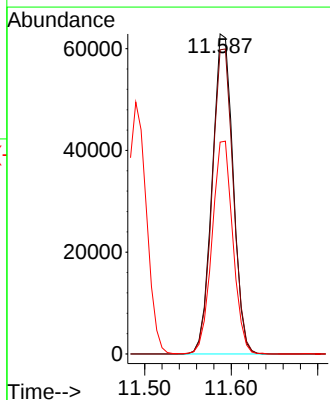
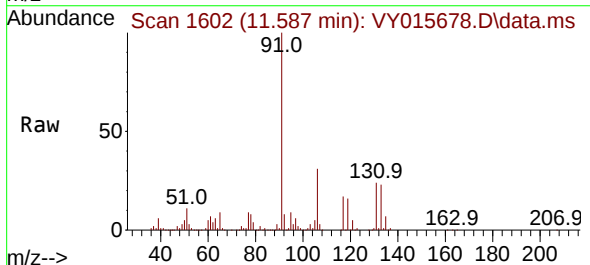
Manual Integrations  
APPROVED

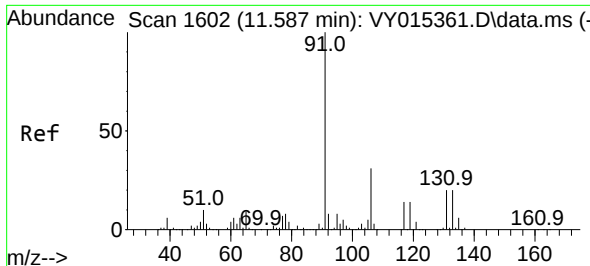
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.726 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Tgt Ion:131 Resp: 105254  
Ion Ratio Lower Upper  
131 100  
133 96.1 47.5 142.6  
119 66.3 31.6 94.7





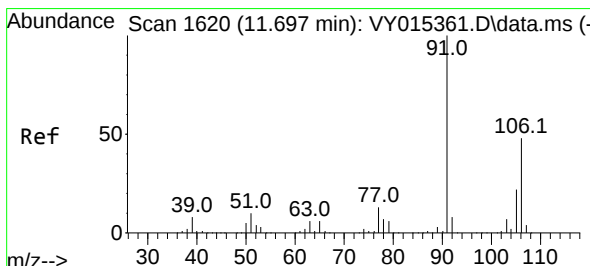
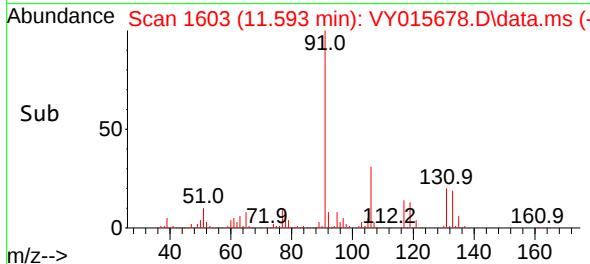
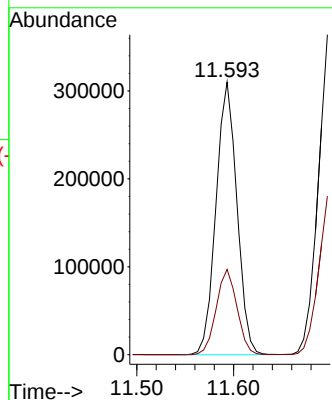
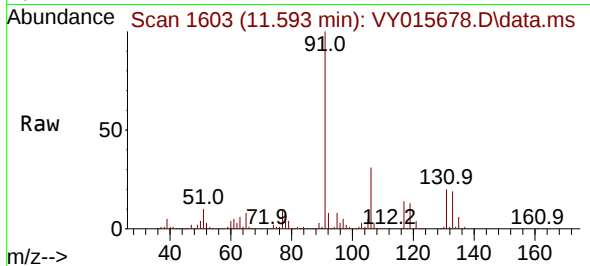
#67  
Ethyl Benzene  
Concen: 49.832 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 46526  
Ion Ratio Lower Upper  
91 100  
106 31.3 24.6 36.8

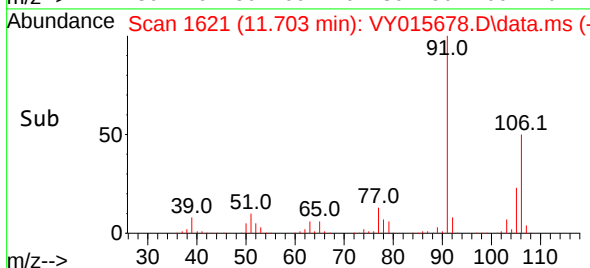
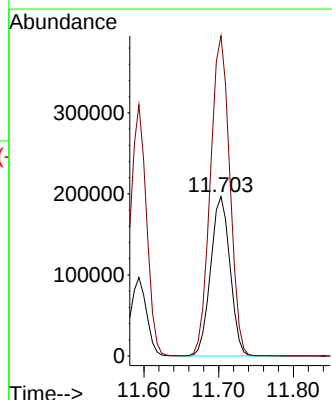
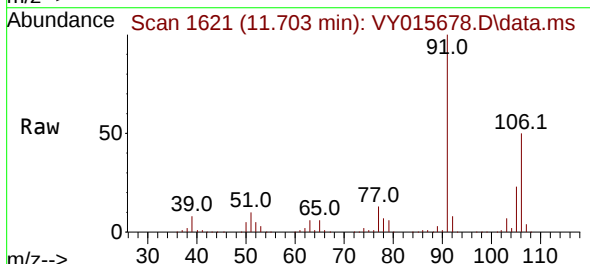
Manual Integrations  
APPROVED

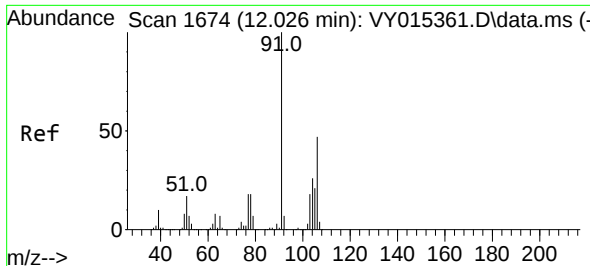
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#68  
m/p-Xylenes  
Concen: 99.724 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Tgt Ion:106 Resp: 353899  
Ion Ratio Lower Upper  
106 100  
91 201.4 166.1 249.1





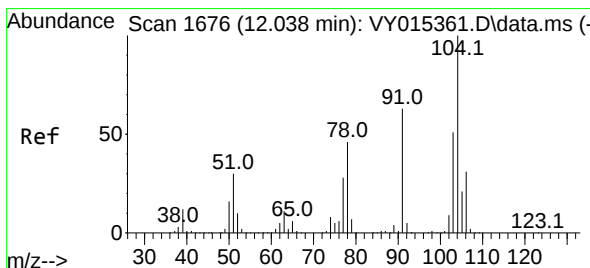
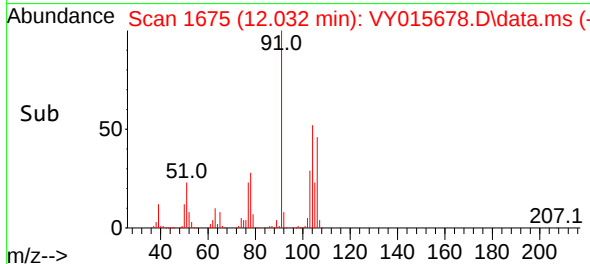
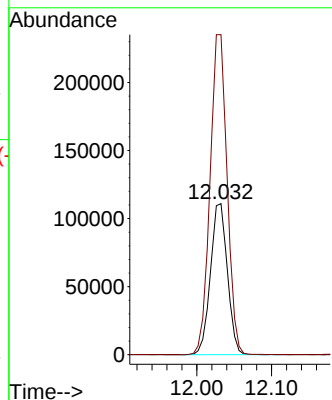
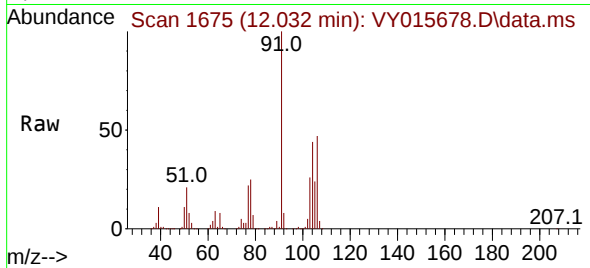
#69  
o-Xylene  
Concen: 50.047 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 17415  
Ion Ratio Lower Upper  
106 100  
91 214.0 108.1 324.3

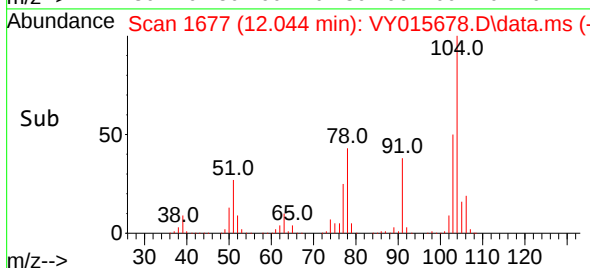
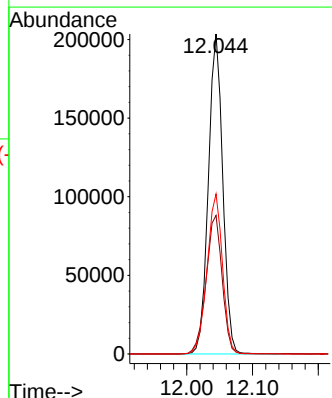
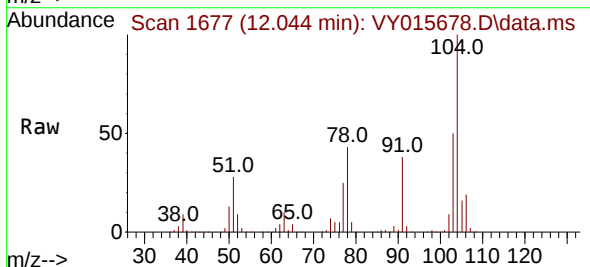
Manual Integrations  
APPROVED

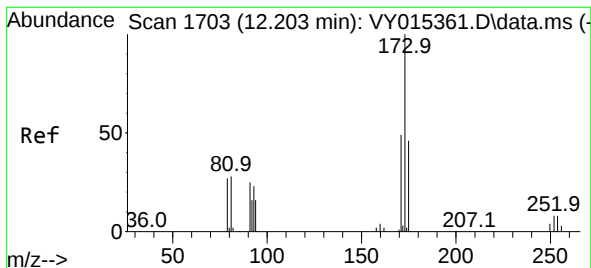
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#70  
Styrene  
Concen: 52.060 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Tgt Ion:104 Resp: 310095  
Ion Ratio Lower Upper  
104 100  
78 48.4 41.5 62.3  
103 53.7 44.6 67.0





#71

Bromoform

Concen: 54.045 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

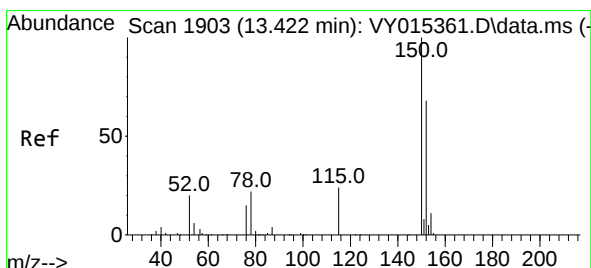
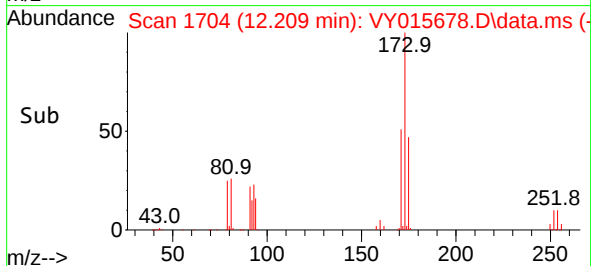
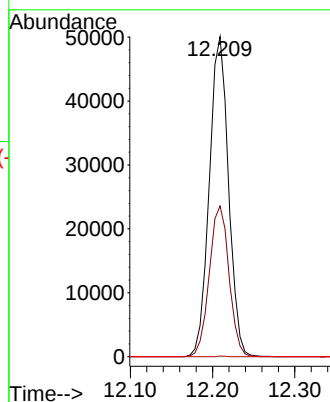
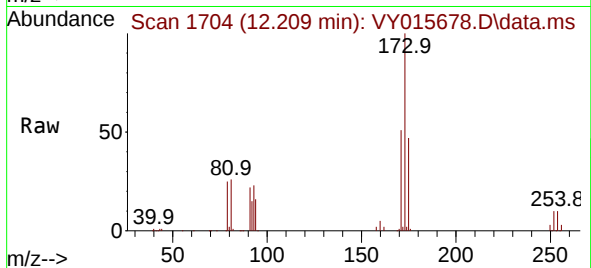
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 8126      |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 48.4  | 24.6 73.8 |
| 254         | 0.1   | 0.2 0.2   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

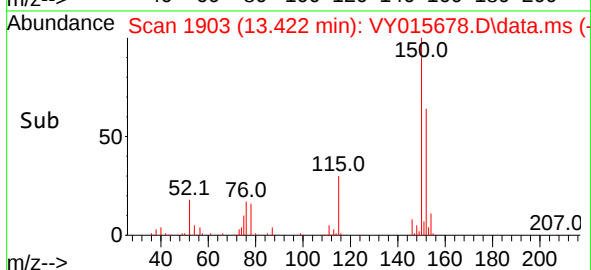
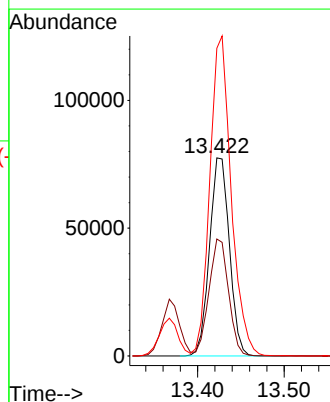
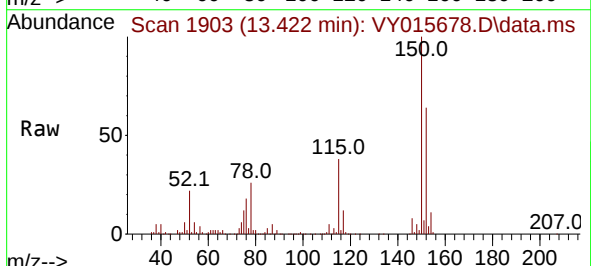
RT: 13.422 min Scan# 1903

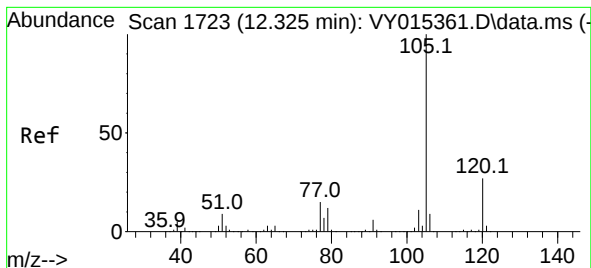
Delta R.T. 0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:152 | Resp: | 123598    |
| Ion Ratio   | Lower | Upper     |
| 152         | 100   |           |
| 115         | 58.4  | 28.8 86.5 |
| 150         | 173.7 | 0.0 348.8 |





#73

Isopropylbenzene

Concen: 49.432 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 458328

Ion Ratio Lower Upper

105 100

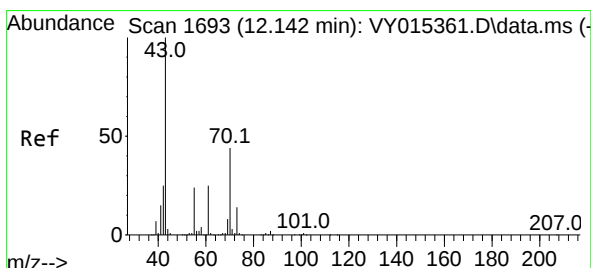
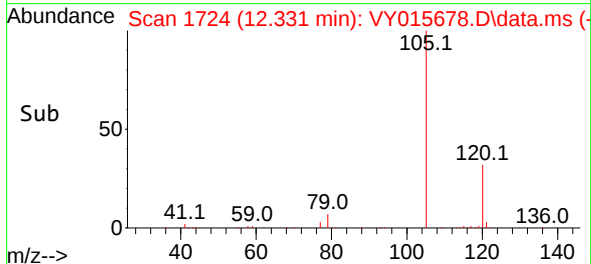
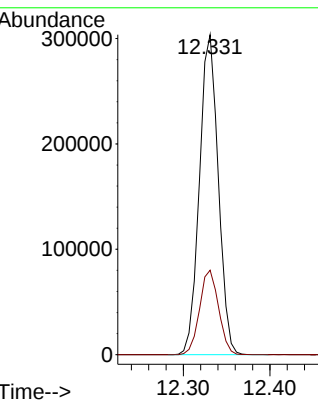
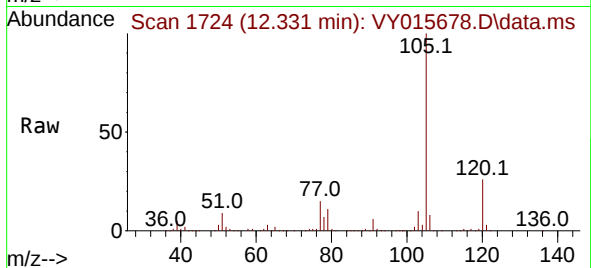
120 26.7 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#74

N-ethyl acetate

Concen: 48.295 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Tgt Ion: 43 Resp: 168301

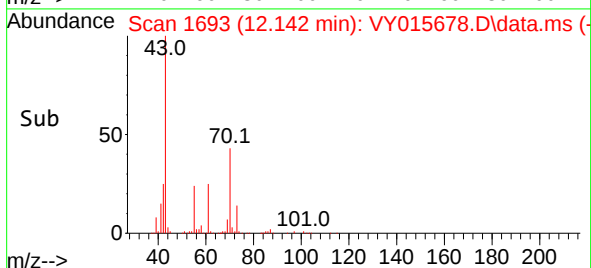
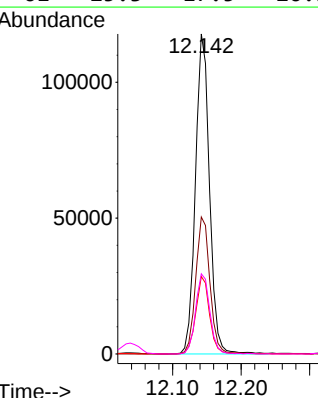
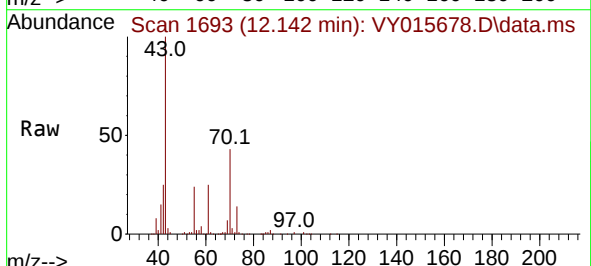
Ion Ratio Lower Upper

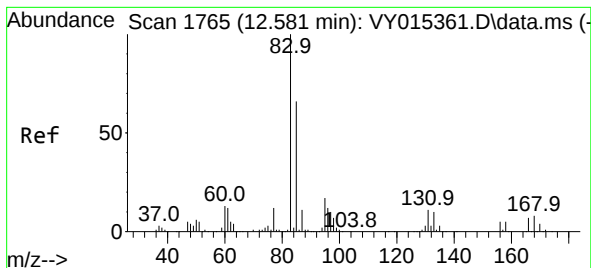
43 100

70 43.5 29.7 44.5

55 24.0 18.3 27.5

61 25.3 17.5 26.3





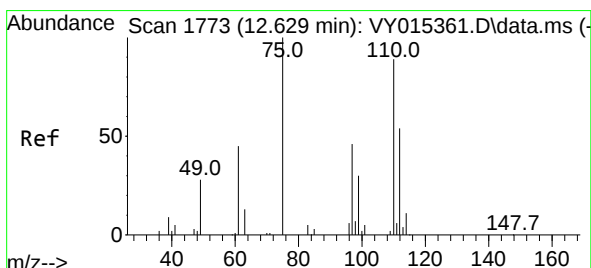
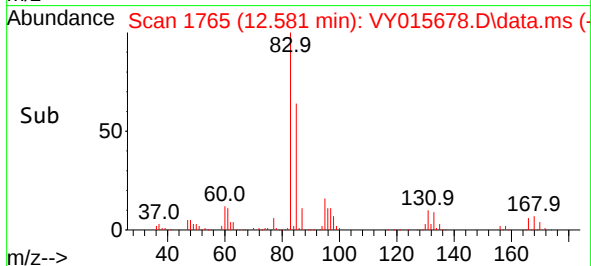
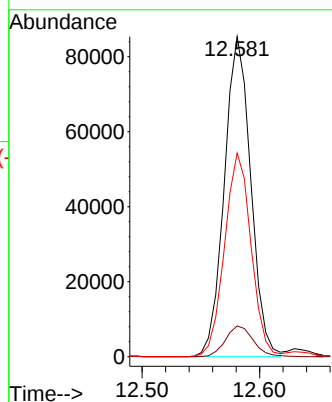
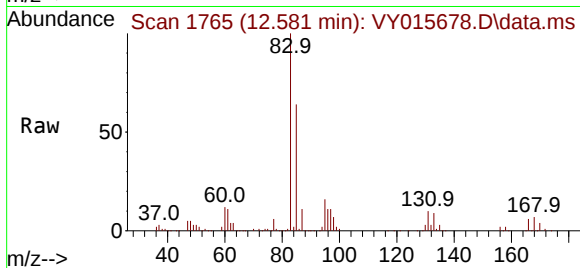
#75  
1,1,2,2-Tetrachloroethane  
Concen: 51.716 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 133452  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.4 16.2  
85 63.7 31.8 95.4

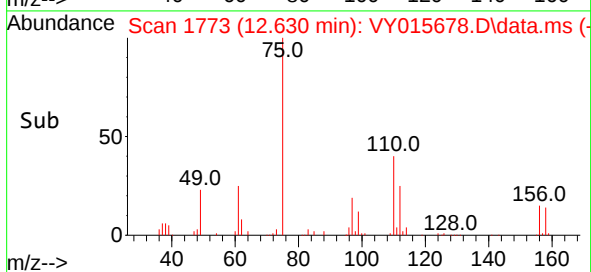
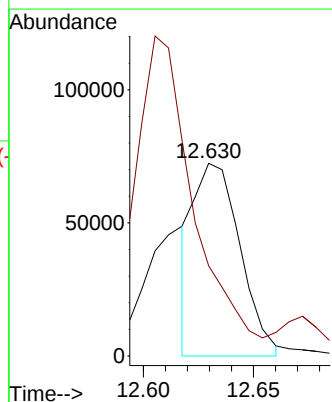
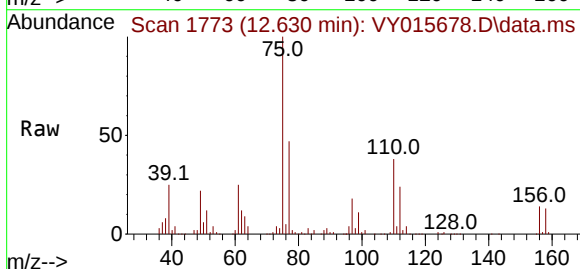
Manual Integrations  
APPROVED

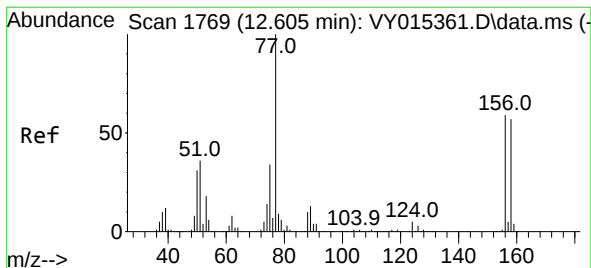
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#76  
1,2,3-Trichloropropane  
Concen: 53.994 ug/l m  
RT: 12.630 min Scan# 1773  
Delta R.T. 0.001 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Tgt Ion: 75 Resp: 106465  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.356 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

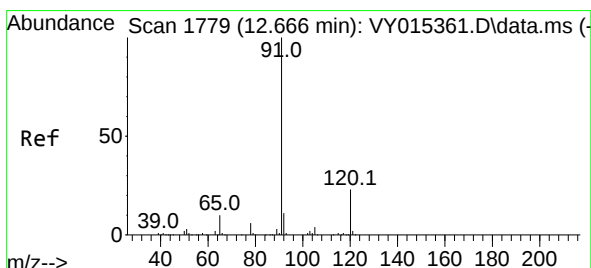
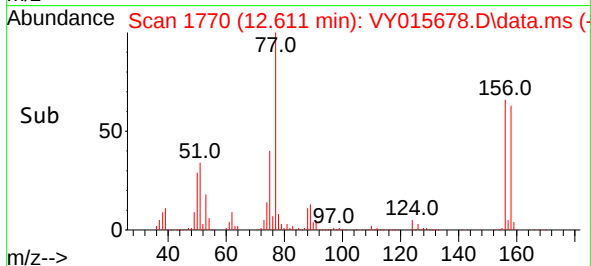
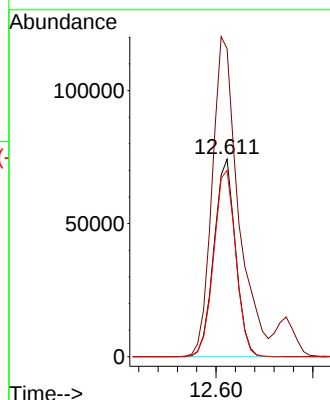
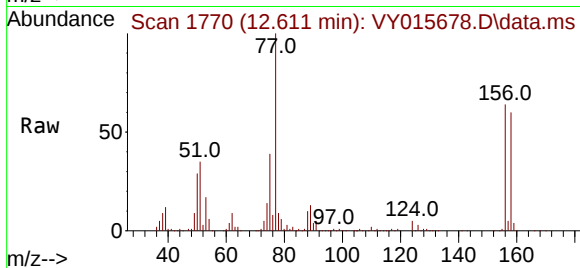
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 156   | Resp: | 114609 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 197.1 | 92.8  | 278.6  |
| 158       | 96.4  | 48.4  | 145.3  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#78

n-propylbenzene

Concen: 48.372 ug/l

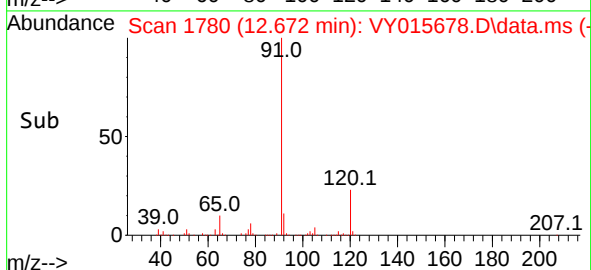
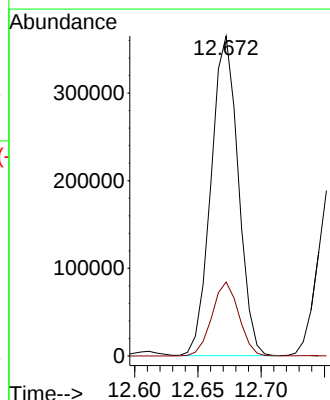
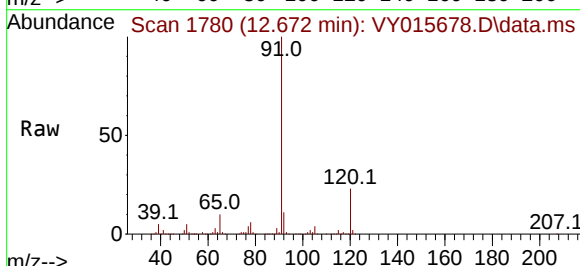
RT: 12.672 min Scan# 1780

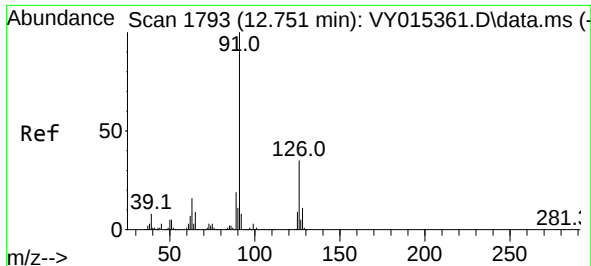
Delta R.T. 0.006 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

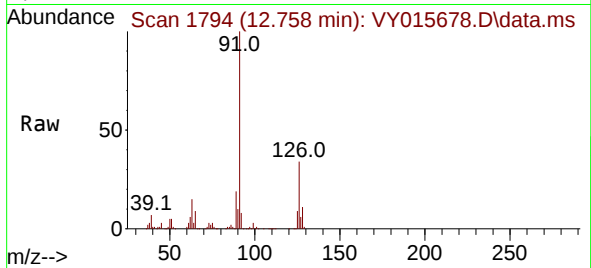
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 544866 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.8  | 11.5  | 34.4   |





#79  
2-Chlorotoluene  
Concen: 49.667 ug/l  
RT: 12.758 min Scan# 1793  
Delta R.T. 0.007 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

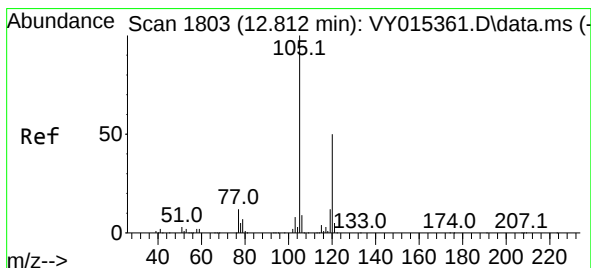
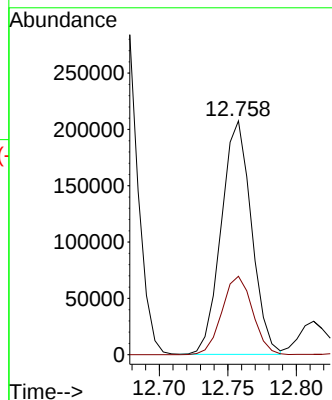
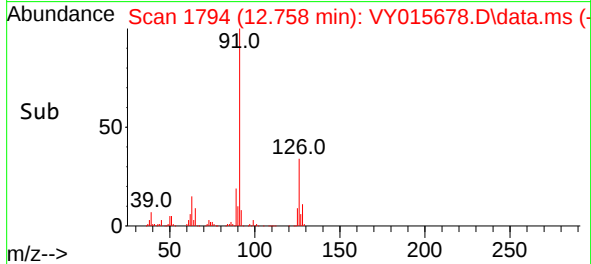
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 91 Resp: 318900  
Ion Ratio Lower Upper  
91 100  
126 34.0 17.3 51.7

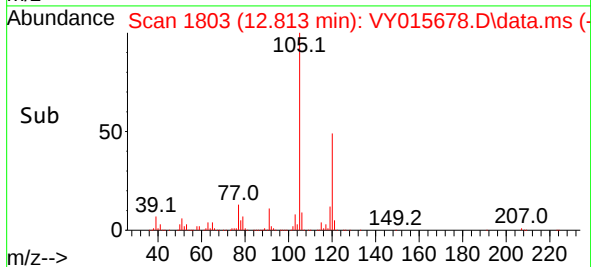
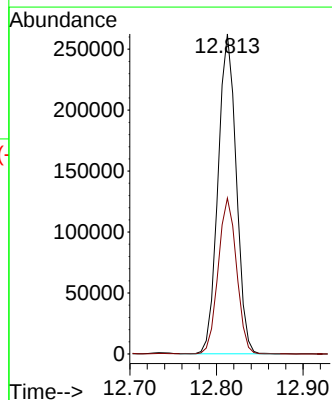
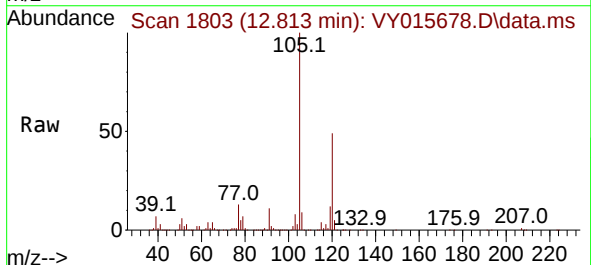
Manual Integrations  
APPROVED

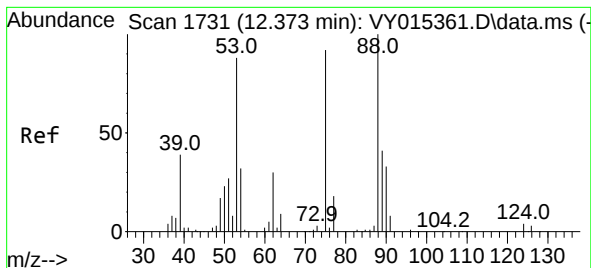
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 49.403 ug/l  
RT: 12.813 min Scan# 1803  
Delta R.T. 0.001 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Tgt Ion:105 Resp: 383479  
Ion Ratio Lower Upper  
105 100  
120 48.9 23.9 71.7





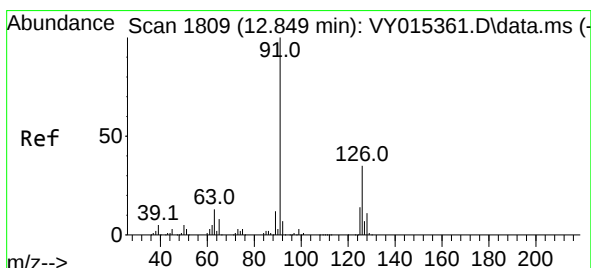
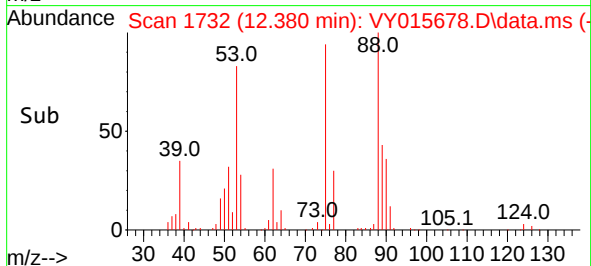
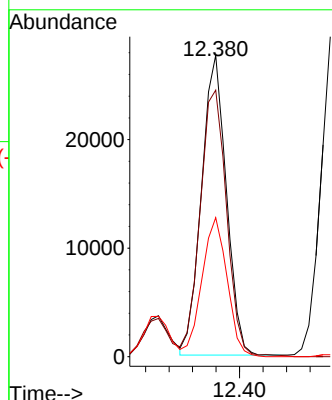
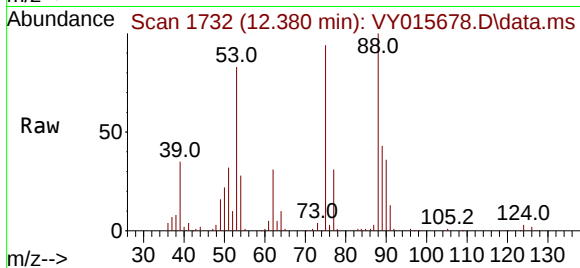
#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.367 ug/l  
RT: 12.380 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 75 Resp: 40600  
Ion Ratio Lower Upper  
75 100  
53 94.6 77.8 116.8  
89 47.2 37.4 56.0

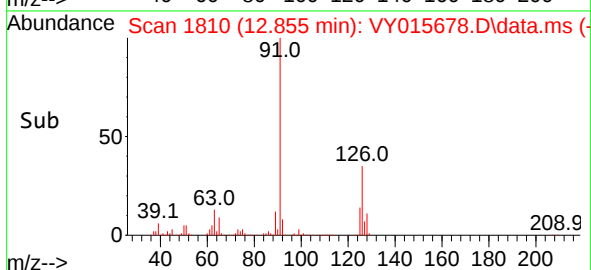
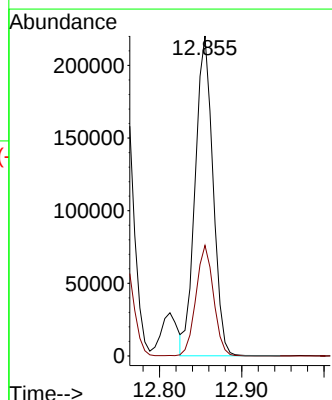
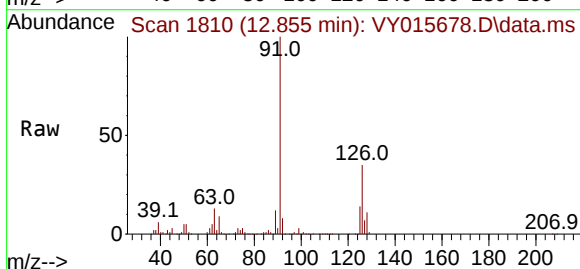
Manual Integrations  
APPROVED

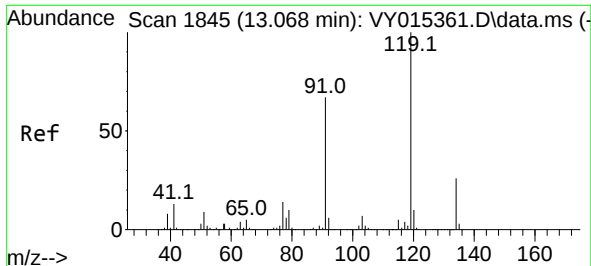
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#82  
4-Chlorotoluene  
Concen: 49.153 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

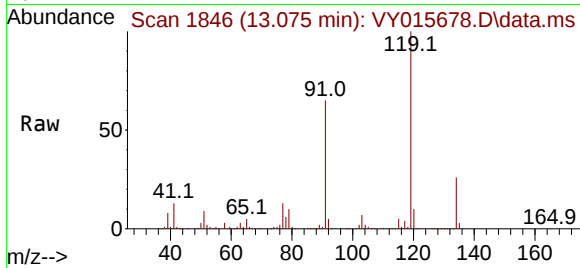
Tgt Ion: 91 Resp: 329467  
Ion Ratio Lower Upper  
91 100  
126 34.4 17.2 51.6





#83  
tert-Butylbenzene  
Concen: 48.941 ug/l  
RT: 13.075 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

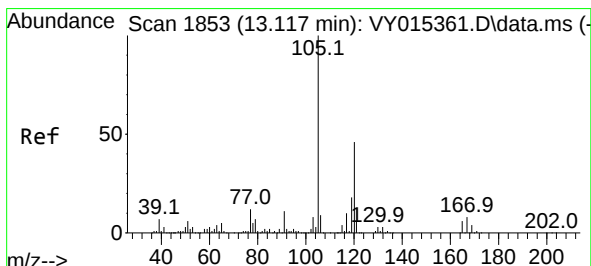
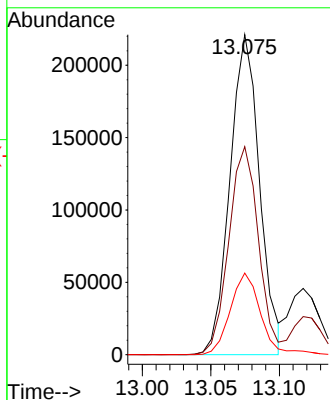
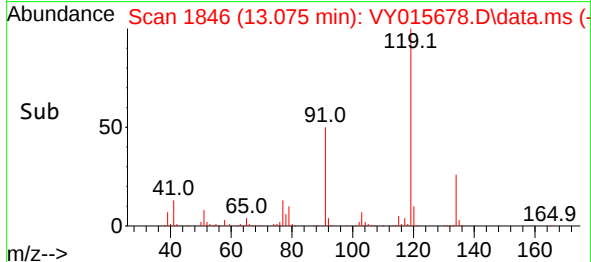
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



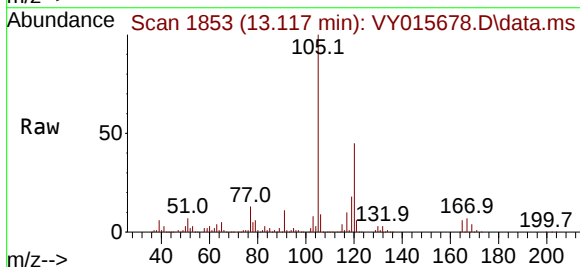
Tgt Ion:119 Resp: 33272  
Ion Ratio Lower Upper  
119 100  
91 65.1 32.9 98.6  
134 26.2 13.0 38.9

Manual Integrations  
APPROVED

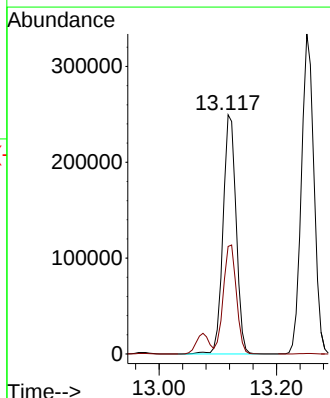
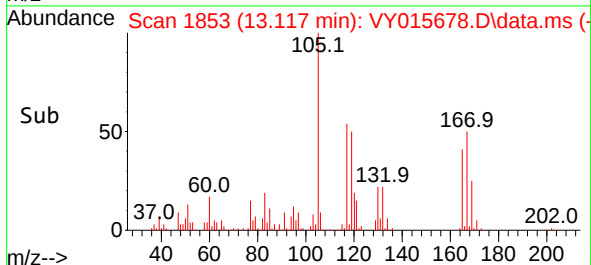
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023

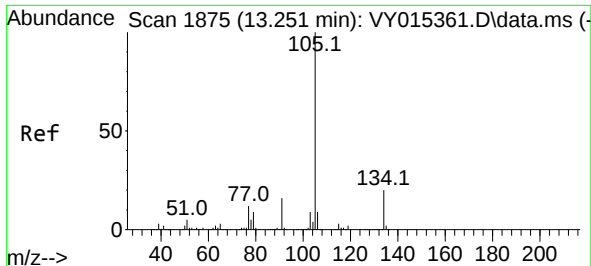


#84  
1,2,4-Trimethylbenzene  
Concen: 49.634 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19



Tgt Ion:105 Resp: 385489  
Ion Ratio Lower Upper  
105 100  
120 45.5 22.2 66.6





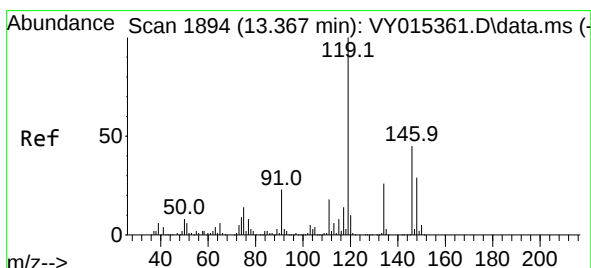
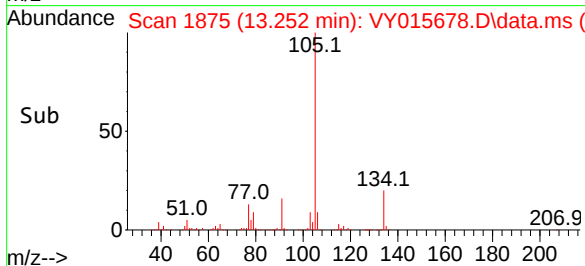
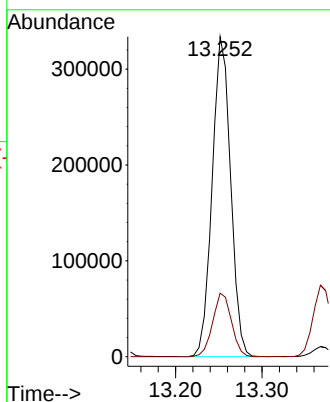
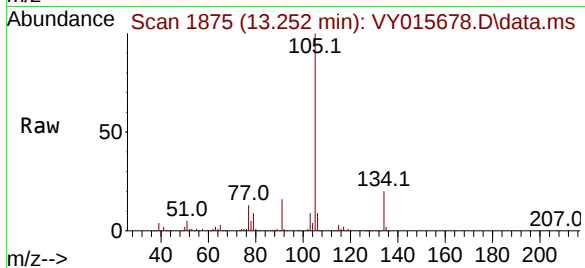
#85  
 sec-Butylbenzene  
 Concen: 48.459 ug/l  
 RT: 13.252 min Scan# 1875  
 Delta R.T. 0.001 min  
 Lab File: VY015678.D  
 Acq: 21 Sep 2023 18:19

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:105 Resp: 493023  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.2 30.6

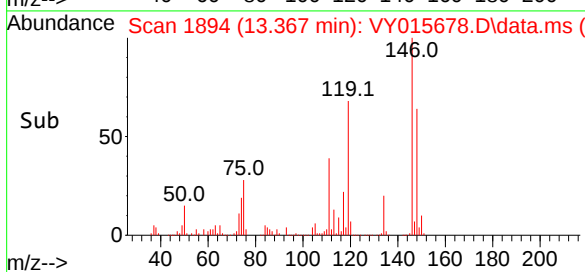
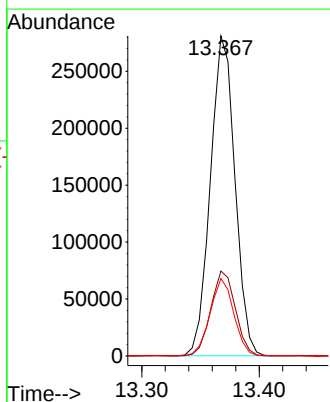
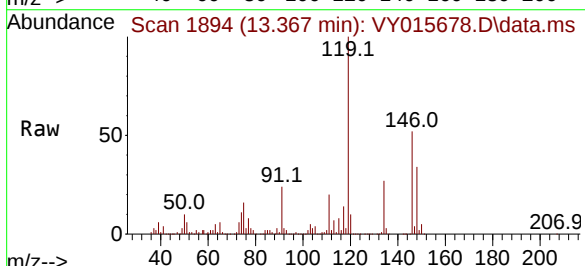
Manual Integrations  
 APPROVED

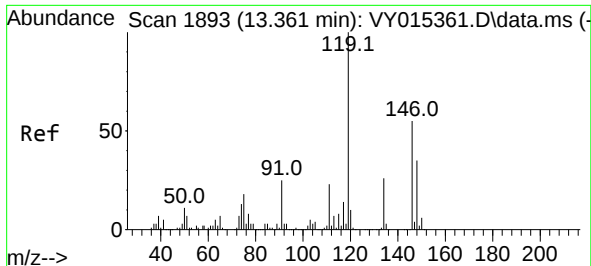
Reviewed By :John Carlone 09/22/2023  
 Supervised By :Mahesh Dadoda 09/22/2023



#86  
 p-Isopropyltoluene  
 Concen: 48.047 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY015678.D  
 Acq: 21 Sep 2023 18:19

Tgt Ion:119 Resp: 408336  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.3 39.8  
 91 23.3 12.4 37.4





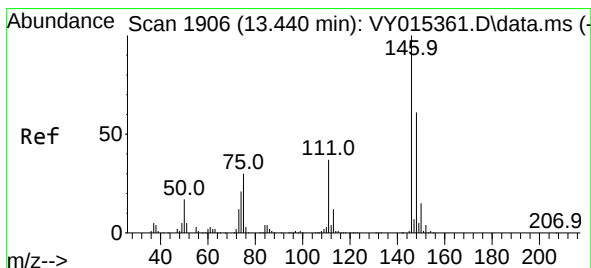
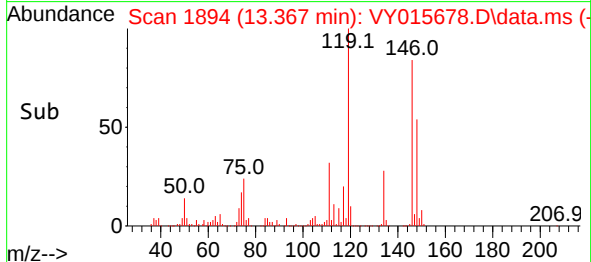
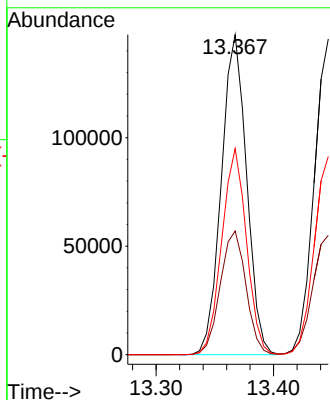
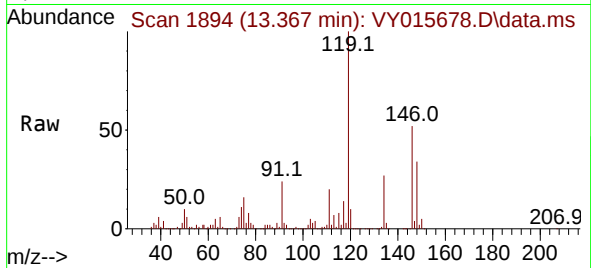
#87  
1,3-Dichlorobenzene  
Concen: 48.811 ug/l  
RT: 13.367 min Scan# 1893  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:146 Resp: 220394  
Ion Ratio Lower Upper  
146 100  
111 39.5 19.4 58.2  
148 63.1 31.9 95.5

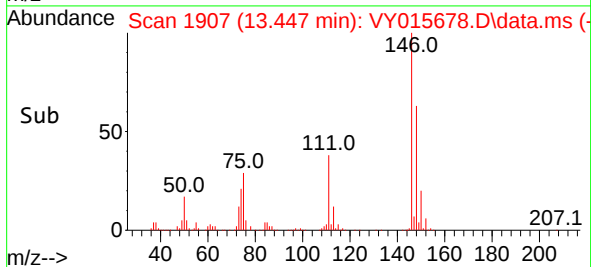
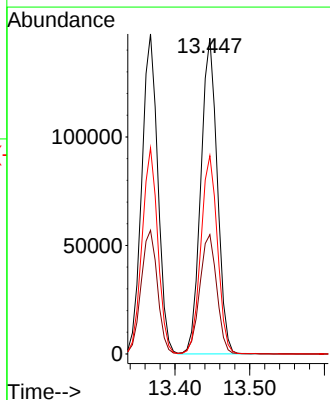
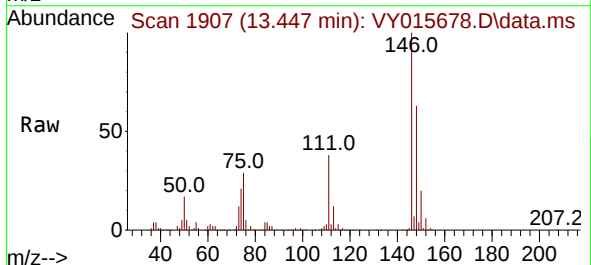
Manual Integrations  
APPROVED

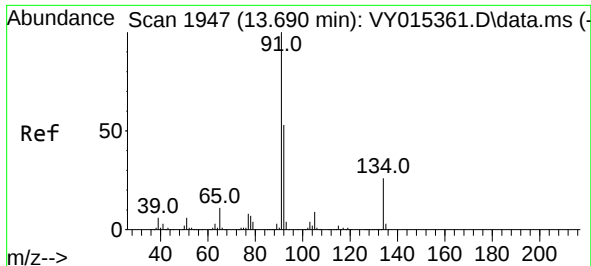
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#88  
1,4-Dichlorobenzene  
Concen: 49.155 ug/l  
RT: 13.447 min Scan# 1907  
Delta R.T. 0.001 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Tgt Ion:146 Resp: 221973  
Ion Ratio Lower Upper  
146 100  
111 38.9 18.9 56.7  
148 63.6 32.1 96.5





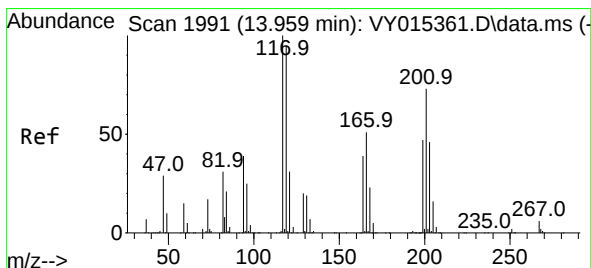
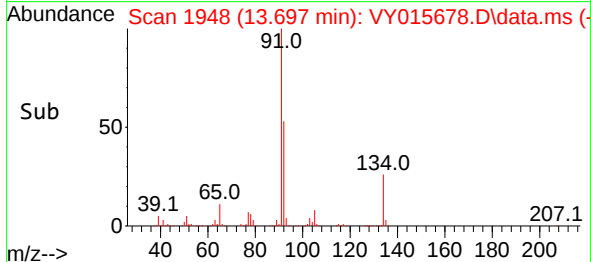
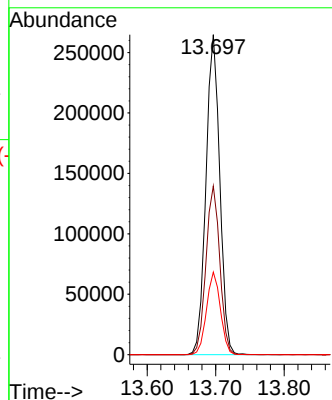
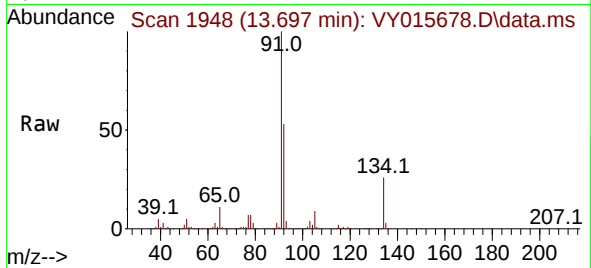
#89  
n-Butylbenzene  
Concen: 46.186 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. 0.001 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 37168  
Ion Ratio Lower Upper  
91 100  
92 53.1 25.4 76.0  
134 26.0 12.6 37.6

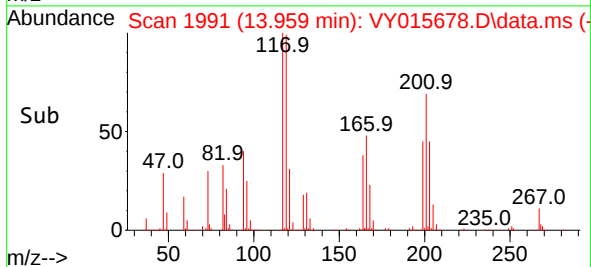
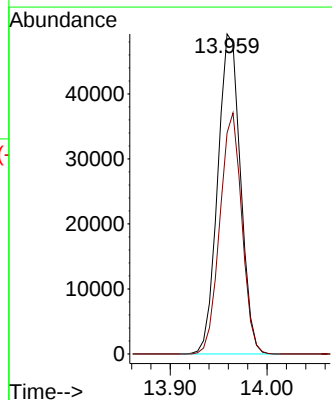
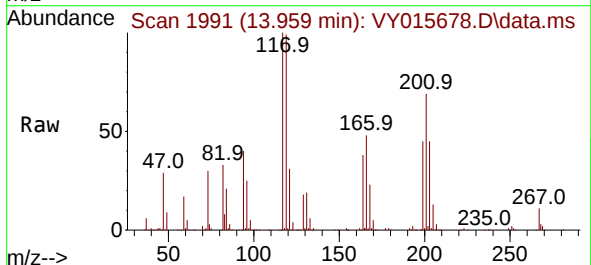
Manual Integrations  
APPROVED

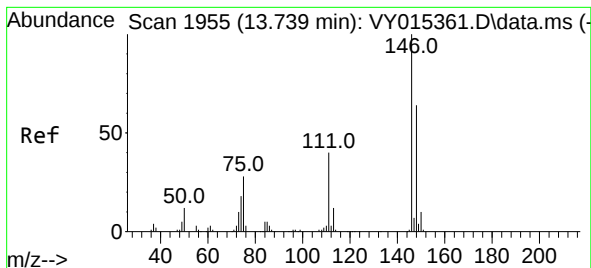
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#90  
Hexachloroethane  
Concen: 49.013 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. -0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Tgt Ion:117 Resp: 80391  
Ion Ratio Lower Upper  
117 100  
201 72.5 41.6 124.8





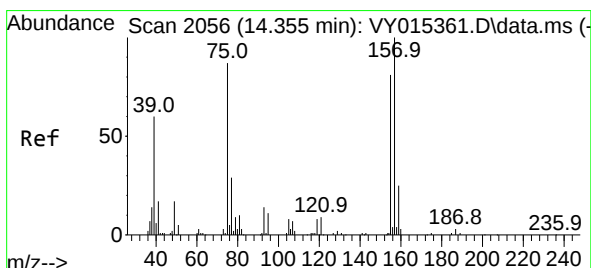
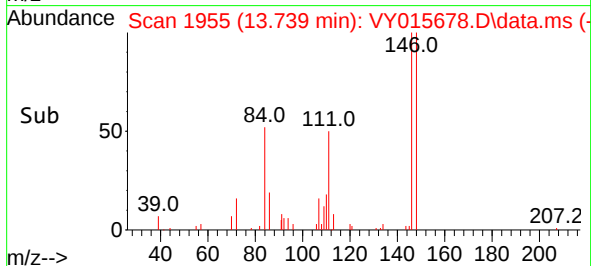
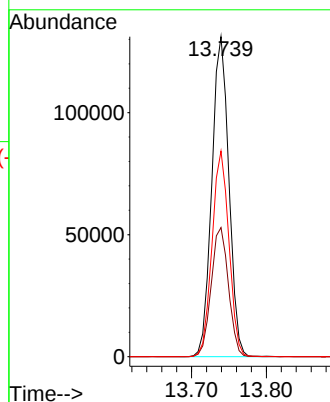
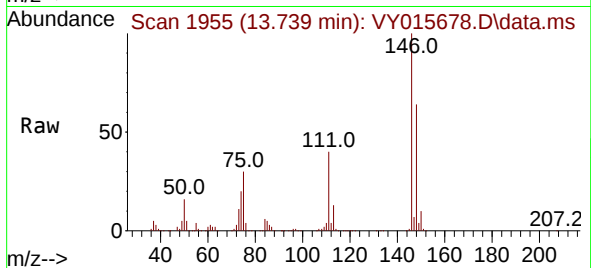
#91  
1,2-Dichlorobenzene  
Concen: 49.983 ug/l  
RT: 13.739 min Scan# 1955  
Delta R.T. 0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:146 Resp: 208334  
Ion Ratio Lower Upper  
146 100  
111 40.9 19.7 59.0  
148 63.6 32.0 96.2

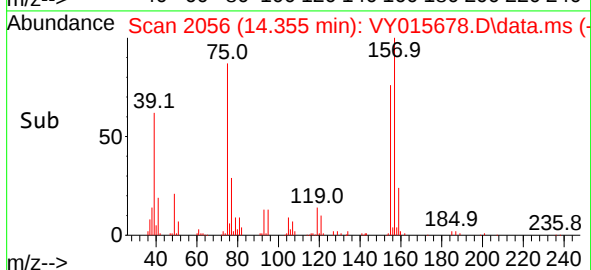
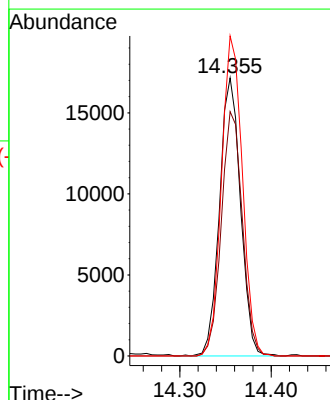
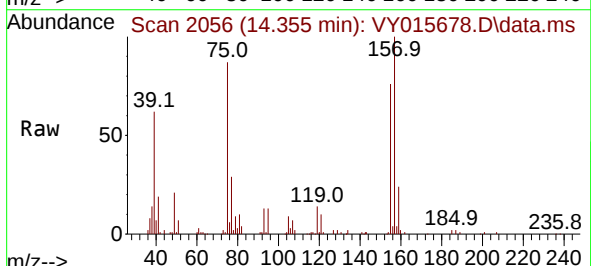
Manual Integrations  
APPROVED

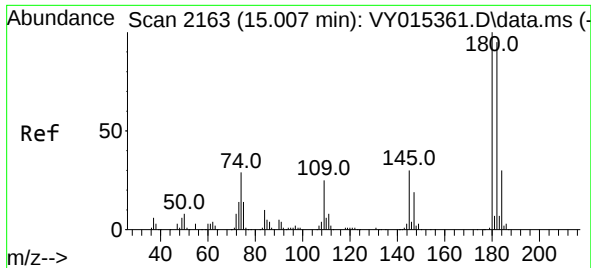
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 53.434 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

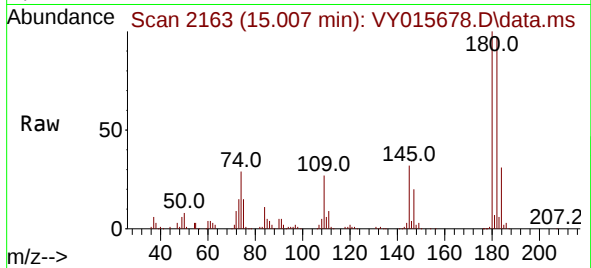
Tgt Ion: 75 Resp: 27385  
Ion Ratio Lower Upper  
75 100  
155 87.9 41.5 124.6  
157 114.5 51.8 155.5





#93  
1,2,4-Trichlorobenzene  
Concen: 45.509 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.006 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

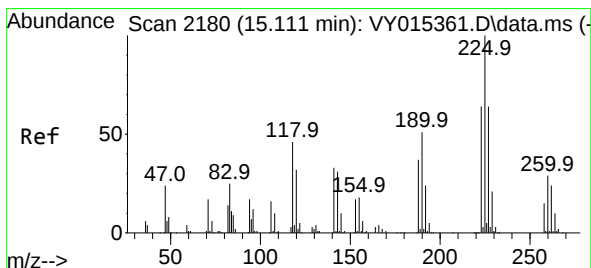
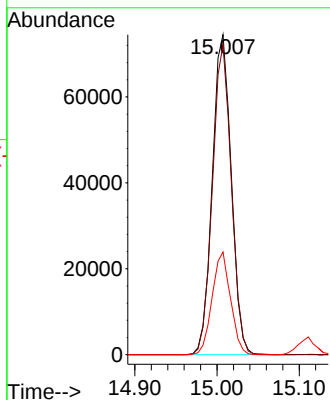
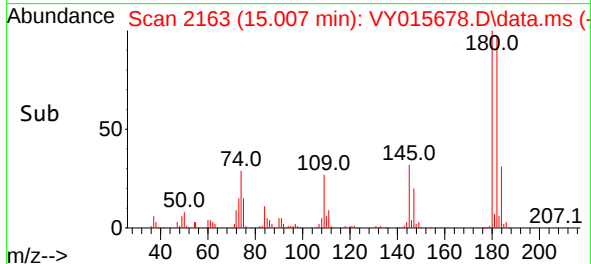
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:180 Resp: 11941  
Ion Ratio Lower Upper  
180 100  
182 96.0 47.0 141.2  
145 31.1 14.5 43.5

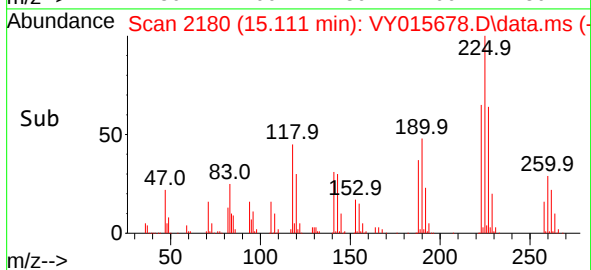
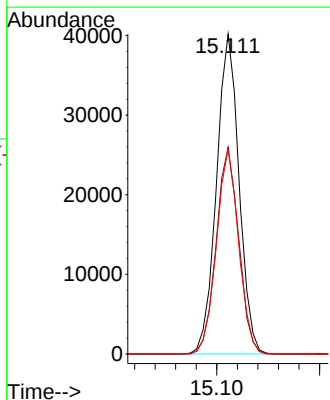
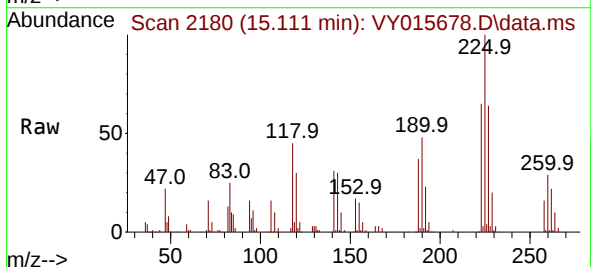
Manual Integrations  
APPROVED

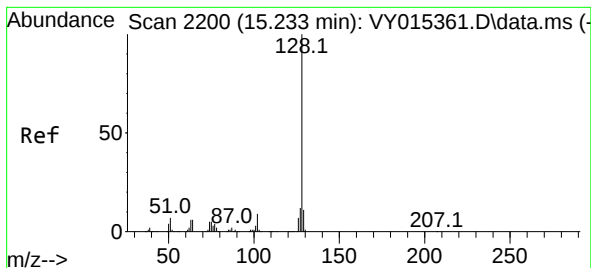
Reviewed By :John Carlone 09/22/2023  
Supervised By :Mahesh Dadoda 09/22/2023



#94  
Hexachlorobutadiene  
Concen: 45.419 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY015678.D  
Acq: 21 Sep 2023 18:19

Tgt Ion:225 Resp: 61033  
Ion Ratio Lower Upper  
225 100  
223 64.3 31.9 95.9  
227 62.9 33.0 98.9





#95

Naphthalene

Concen: 51.925 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

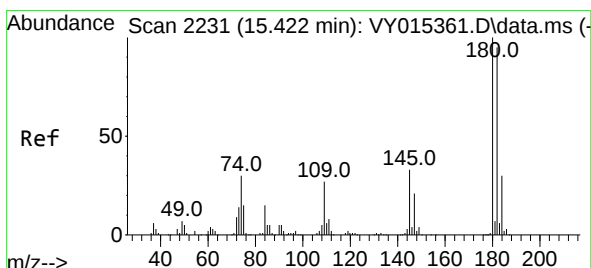
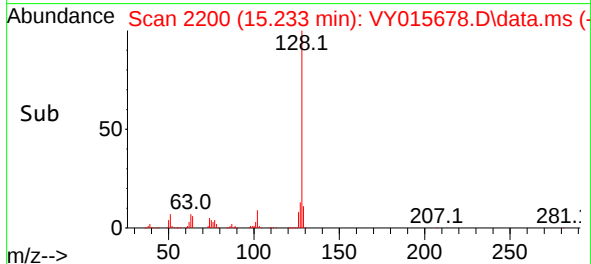
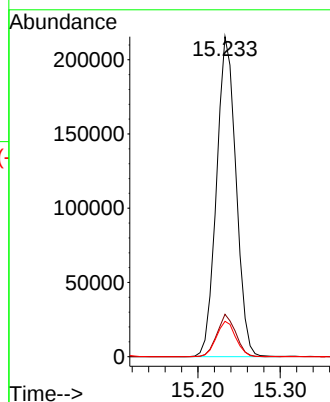
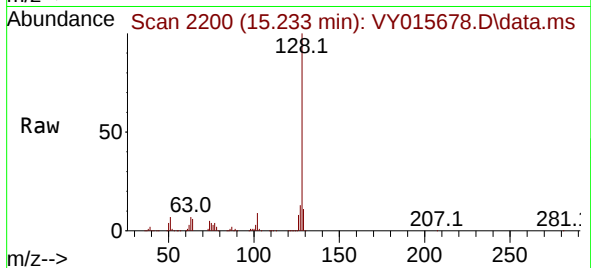
Tgt Ion:128 Resp: 355280  
 Ion Ratio Lower Upper  
 128 100  
 127 12.7 10.8 16.2  
 129 11.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/22/2023

Supervised By :Mahesh Dadoda 09/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 48.158 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015678.D

Acq: 21 Sep 2023 18:19

Tgt Ion:180 Resp: 116634  
 Ion Ratio Lower Upper  
 180 100  
 182 93.4 47.3 141.8  
 145 32.5 15.4 46.2

