

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072123\  
 Data File : VX036600.D  
 Acq On : 21 Jul 2023 09:46  
 Operator : JC/MD  
 Sample : VSTDICC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC001

Quant Time: Jul 21 11:49:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 11:46:25 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 07/24/2023  
 Supervised By : Mahesh Dadoda 07/24/2023

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 200468   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 342961   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 306073   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 139233   | 50.000 | ug/l  | 0.00     |

#### System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 33) 1,2-Dichloroethane-d4 | 0.000  | 65    | 0d       | 0.000    | ug/l |         |
| Spiked Amount             | 50.000 | Range | 78 - 117 | Recovery | =    | 0.000%# |
| 35) Dibromofluoromethane  | 0.000  | 113   | 0d       | 0.000    | ug/l |         |
| Spiked Amount             | 50.000 | Range | 75 - 124 | Recovery | =    | 0.000%# |
| 50) Toluene-d8            | 0.000  | 98    | 0d       | 0.000    | ug/l |         |
| Spiked Amount             | 50.000 | Range | 92 - 112 | Recovery | =    | 0.000%# |
| 62) 4-Bromofluorobenzene  | 0.000  | 95    | 0d       | 0.000    | ug/l |         |
| Spiked Amount             | 50.000 | Range | 83 - 123 | Recovery | =    | 0.000%# |

#### Target Compounds

|                              |       |     |       |       |        | Qvalue |
|------------------------------|-------|-----|-------|-------|--------|--------|
| 2) Dichlorodifluoromethane   | 1.167 | 85  | 3173  | 1.578 | ug/l   | 99     |
| 3) Chloromethane             | 1.295 | 50  | 2837  | 0.908 | ug/l   | 100    |
| 4) Vinyl Chloride            | 1.374 | 62  | 2462  | 0.723 | ug/l   | 90     |
| 6) Chloroethane              | 1.691 | 64  | 1285  | 0.532 | ug/l # | 84     |
| 7) Trichlorofluoromethane    | 1.892 | 101 | 3819  | 0.734 | ug/l   | 94     |
| 8) Diethyl Ether             | 2.130 | 74  | 1739  | 0.872 | ug/l   | 91     |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 2227  | 0.974 | ug/l # | 83     |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 2390  | 1.054 | ug/l   | 92     |
| 14) Allyl chloride           | 2.666 | 41  | 4822  | 1.267 | ug/l   | 97     |
| 15) Acrylonitrile            | 3.069 | 53  | 7265  | 5.405 | ug/l   | 97     |
| 16) Acetone                  | 2.392 | 43  | 6858  | 5.539 | ug/l   | 91     |
| 17) Carbon Disulfide         | 2.514 | 76  | 6636  | 1.165 | ug/l   | 95     |
| 18) Methyl Acetate           | 2.703 | 43  | 5287  | 1.038 | ug/l   | 99     |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 8682  | 1.153 | ug/l   | 97     |
| 20) Methylene Chloride       | 2.788 | 84  | 3478  | 1.310 | ug/l   | 91     |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 2753  | 1.125 | ug/l   | 91     |
| 22) Diisopropyl ether        | 3.758 | 45  | 8902  | 1.177 | ug/l   | 89     |
| 23) Vinyl Acetate            | 3.721 | 43  | 32480 | 5.854 | ug/l   | 100    |
| 24) 1,1-Dichloroethane       | 3.617 | 63  | 4727  | 1.068 | ug/l   | 96     |
| 25) 2-Butanone               | 4.568 | 43  | 10115 | 5.590 | ug/l   | 93     |
| 26) 2,2-Dichloropropane      | 4.477 | 77  | 4717  | 1.425 | ug/l   | 81     |
| 27) cis-1,2-Dichloroethene   | 4.483 | 96  | 3271  | 1.184 | ug/l   | 81     |
| 28) Bromochloromethane       | 4.898 | 49  | 2290  | 0.997 | ug/l # | 96     |
| 29) Tetrahydrofuran          | 5.020 | 42  | 6512  | 5.626 | ug/l   | 97     |
| 30) Chloroform               | 5.087 | 83  | 5013  | 1.122 | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane    | 5.379 | 97  | 4535  | 1.197 | ug/l # | 50     |
| 36) 1,1-Dichloropropene      | 5.690 | 75  | 3571  | 1.050 | ug/l # | 92     |
| 37) Ethyl Acetate            | 4.721 | 43  | 4024  | 1.137 | ug/l # | 94     |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 3878  | 1.220 | ug/l   | 84     |
| 39) Methylcyclohexane        | 7.379 | 83  | 4496  | 1.101 | ug/l   | 90     |
| 40) Benzene                  | 6.038 | 78  | 10433 | 1.091 | ug/l   | 98     |
| 41) Methacrylonitrile        | 4.934 | 41  | 2013  | 1.032 | ug/l # | 90     |
| 42) 1,2-Dichloroethane       | 6.086 | 62  | 3697  | 1.023 | ug/l   | 93     |
| 43) Isopropyl Acetate        | 6.336 | 43  | 7475  | 1.311 | ug/l   | 97     |
| 44) Trichloroethene          | 7.123 | 130 | 2704  | 1.026 | ug/l   | 96     |
| 45) 1,2-Dichloropropane      | 7.434 | 63  | 2851  | 1.100 | ug/l   | 99     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072123\  
 Data File : VX036600.D  
 Acq On : 21 Jul 2023 09:46  
 Operator : JC/MD  
 Sample : VSTDICC001  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICC001

Manual Integrations  
 APPROVED

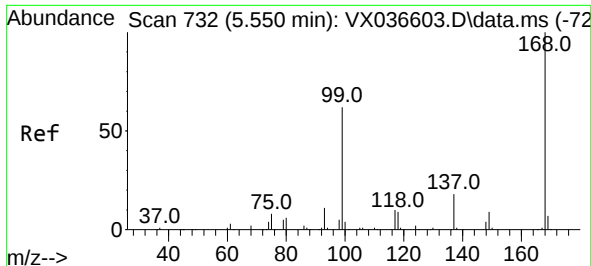
Reviewed By : John Carlone 07/24/2023  
 Supervised By : Mahesh Dadoda 07/24/2023

Quant Time: Jul 21 11:49:43 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 11:46:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 46) Dibromomethane            | 7.580  | 93   | 1986     | 1.087  | ug/l   | 92       |
| 47) Bromodichloromethane      | 7.818  | 83   | 3955     | 1.178  | ug/l   | 92       |
| 48) Methyl methacrylate       | 7.696  | 41   | 3260     | 1.158  | ug/l   | 91       |
| 49) 1,4-Dioxane               | 7.708  | 88   | 1211     | 19.760 | ug/l # | 60       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 19372    | 5.399  | ug/l   | 95       |
| 52) Toluene                   | 8.720  | 92   | 6524     | 1.077  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 4283     | 1.233  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 4748     | 1.230  | ug/l # | 85       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 3068     | 1.221  | ug/l   | 91       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 4390     | 1.145  | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 4404     | 1.021  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 10335    | 4.968  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 13986    | 5.329  | ug/l   | 92       |
| 60) Dibromochloromethane      | 9.519  | 129  | 3022     | 1.208  | ug/l   | 94       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 2793     | 1.048  | ug/l   | 96       |
| 64) Tetrachloroethene         | 9.275  | 164  | 2350     | 1.074  | ug/l   | 92       |
| 65) Chlorobenzene             | 10.080 | 112  | 6915     | 1.064  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 2551     | 1.140  | ug/l # | 66       |
| 67) Ethyl Benzene             | 10.195 | 91   | 12591    | 1.085  | ug/l   | 91       |
| 68) m/p-Xylenes               | 10.299 | 106  | 9141     | 2.038  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 4525     | 1.035  | ug/l   | 92       |
| 70) Styrene                   | 10.659 | 104  | 7461     | 1.043  | ug/l   | 96       |
| 71) Bromoform                 | 10.799 | 173  | 2001     | 1.211  | ug/l # | 96       |
| 73) Isopropylbenzene          | 10.964 | 105  | 11804    | 1.116  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.842 | 43   | 5671     | 1.318  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 4507     | 1.257  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 3685m    | 1.218  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 2545     | 0.982  | ug/l   | 91       |
| 78) n-propylbenzene           | 11.305 | 91   | 13363    | 1.080  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 8579     | 1.162  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 9800     | 1.093  | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 9773     | 1.141  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 9632     | 1.117  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 10008    | 1.126  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 11659    | 1.068  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 9272     | 1.014  | ug/l   | 91       |
| 87) 1,3-Dichlorobenzene       | 11.970 | 146  | 4771     | 1.002  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.037 | 146  | 4661m    | 0.962  | ug/l   |          |
| 89) n-Butylbenzene            | 12.329 | 91   | 8133     | 0.998  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 1917     | 1.312  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 4758     | 1.017  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 899      | 1.279  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 2590     | 0.899  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 13.719 | 225  | 1189     | 1.004  | ug/l   | 93       |
| 95) Naphthalene               | 13.774 | 128  | 9385     | 0.983  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 2585     | 0.921  | ug/l   | 98       |

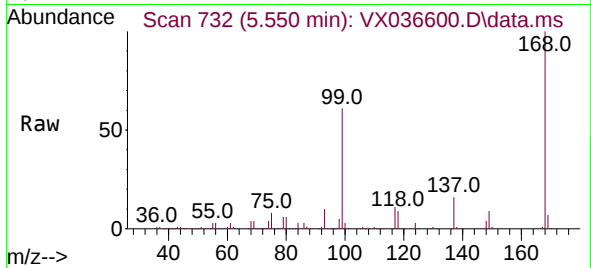
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

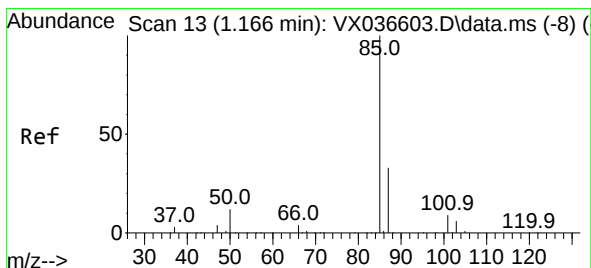
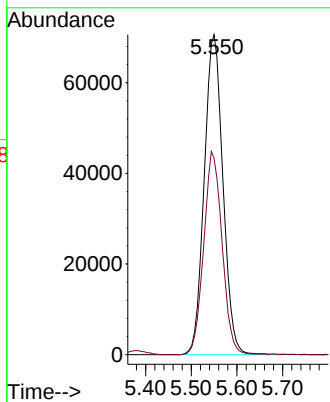
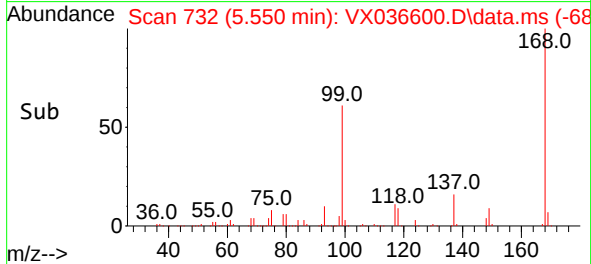
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



Tgt Ion:168 Resp: 200468  
Ion Ratio Lower Upper  
168 100  
99 61.5 56.6 85.0

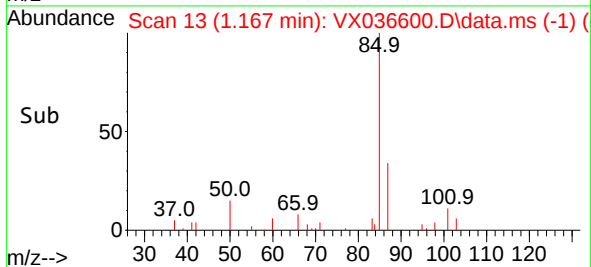
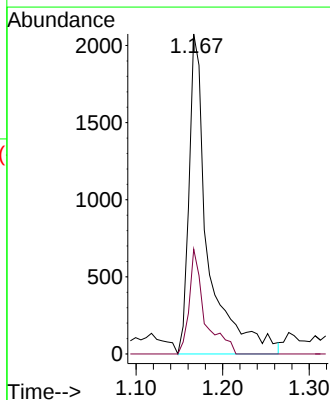
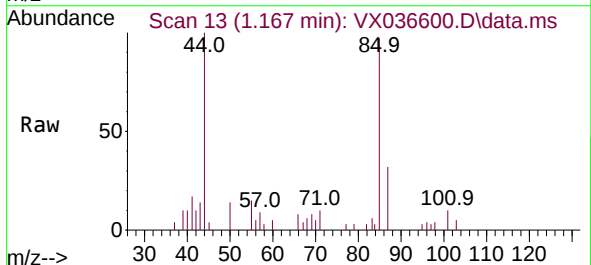
Manual Integrations  
APPROVED

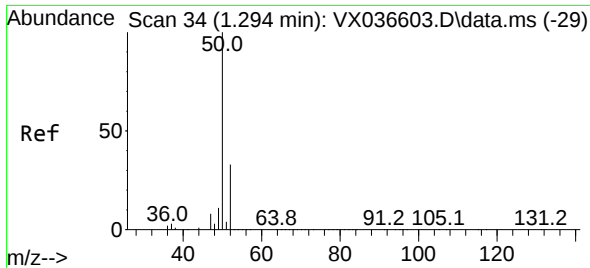
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#2  
Dichlorodifluoromethane  
Concen: 1.578 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

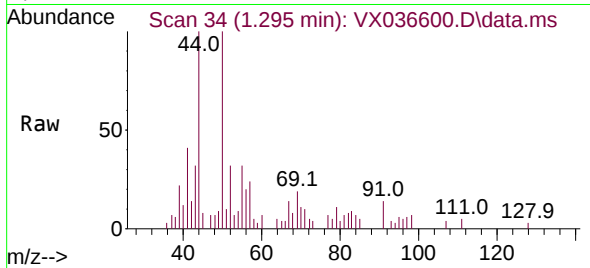
Tgt Ion: 85 Resp: 3173  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.7 50.1





#3  
Chloromethane  
Concen: 0.908 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

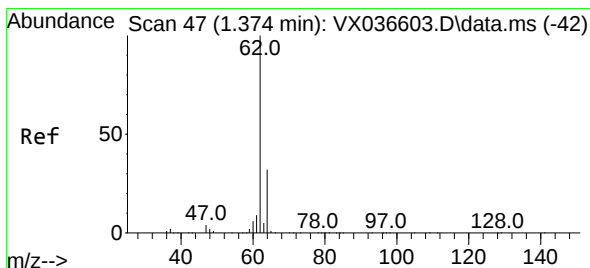
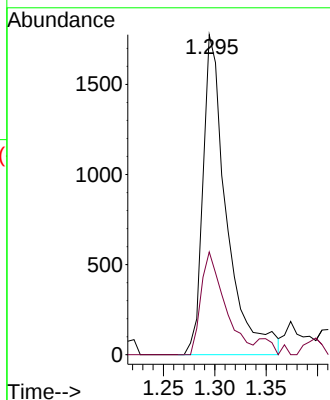
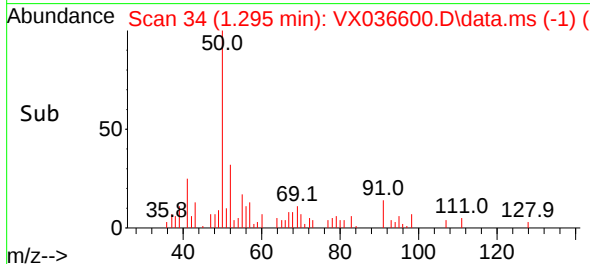
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



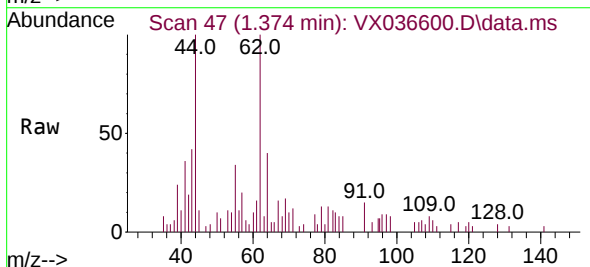
Tgt Ion: 50 Resp: 283  
Ion Ratio Lower Upper  
50 100  
52 32.1 25.5 38.3

Manual Integrations  
APPROVED

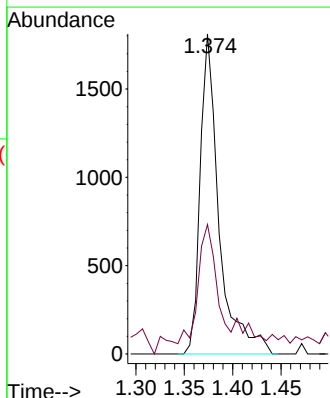
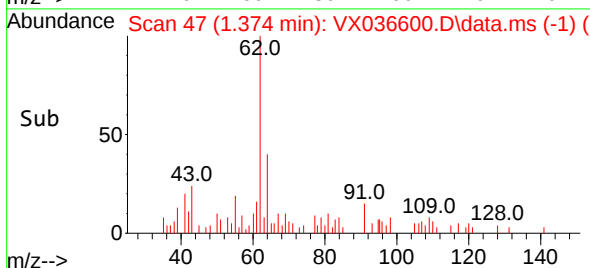
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023

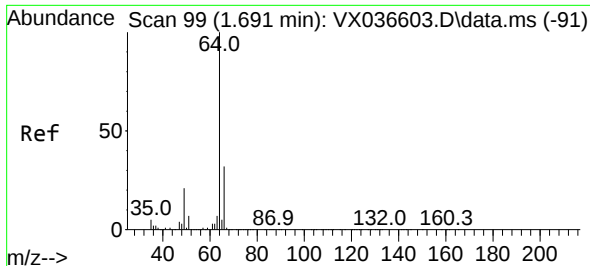


#4  
Vinyl Chloride  
Concen: 0.723 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46



Tgt Ion: 62 Resp: 2462  
Ion Ratio Lower Upper  
62 100  
64 37.3 25.4 38.0





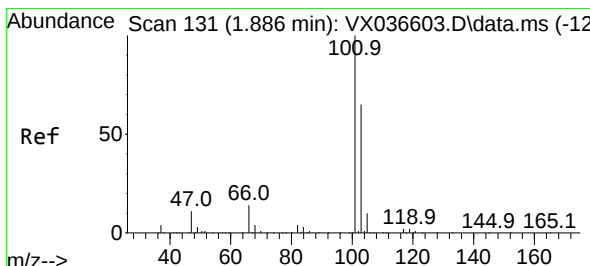
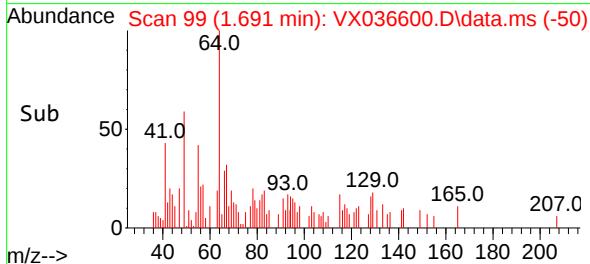
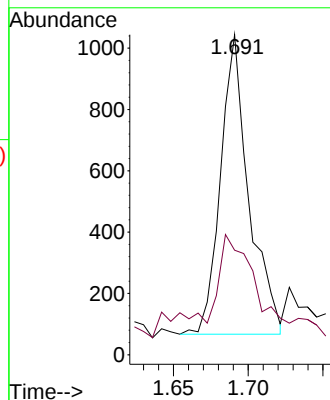
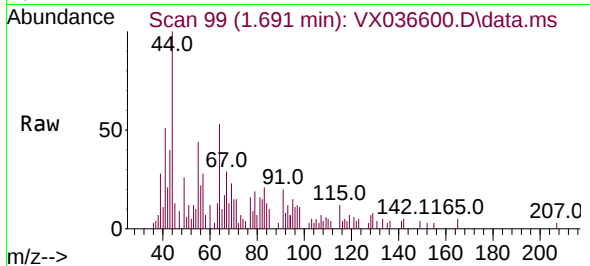
#6  
Chloroethane  
Concen: 0.532 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Instrument :  
MSVOA\_X  
Client Sample Id :  
VSTDIC001

Tgt Ion: 64 Resp: 1285  
Ion Ratio Lower Upper  
64 100  
66 22.6 25.1 37.7

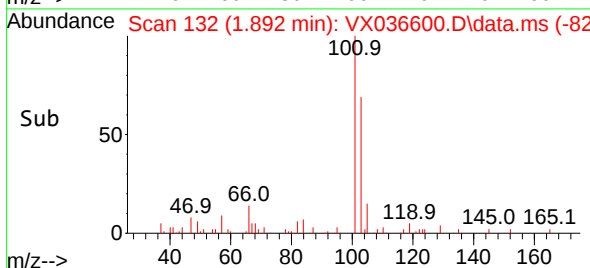
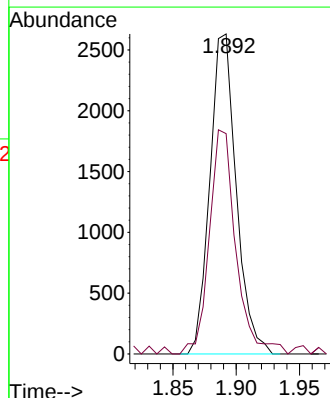
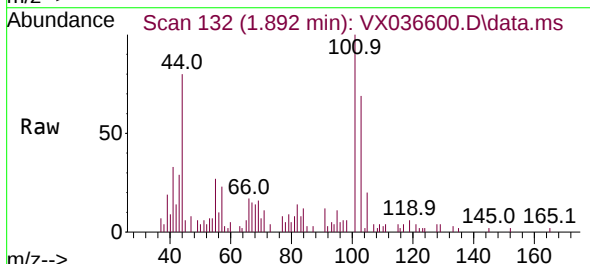
Manual Integrations  
APPROVED

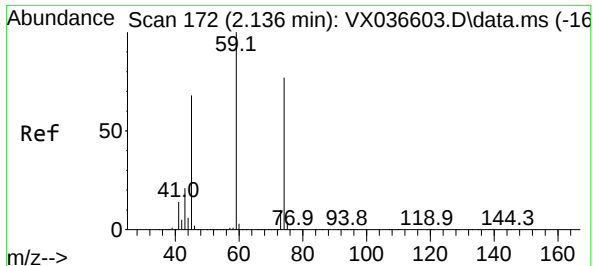
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#7  
Trichlorofluoromethane  
Concen: 0.734 ug/l  
RT: 1.892 min Scan# 132  
Delta R.T. 0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

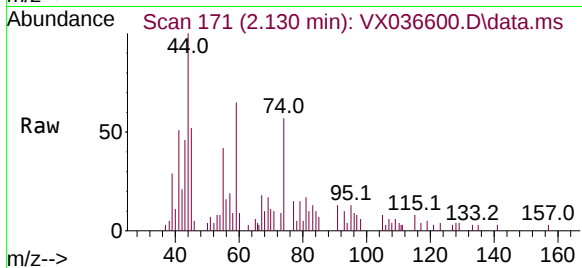
Tgt Ion:101 Resp: 3819  
Ion Ratio Lower Upper  
101 100  
103 68.8 51.4 77.2





#8  
Diethyl Ether  
Concen: 0.872 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

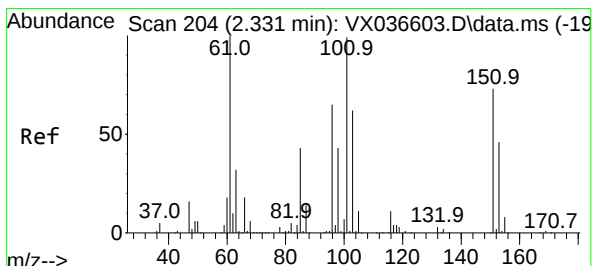
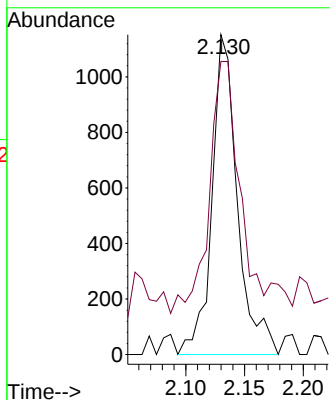
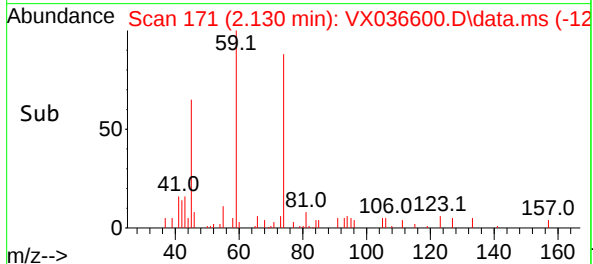
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



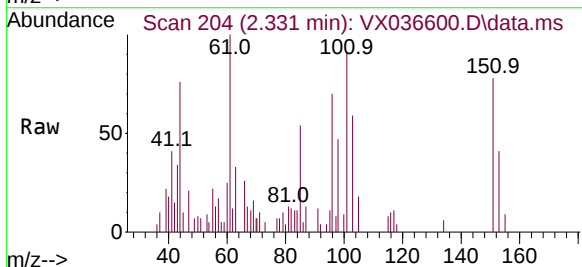
Tgt Ion: 74 Resp: 1739  
Ion Ratio Lower Upper  
74 100  
45 97.6 53.3 159.8

Manual Integrations  
APPROVED

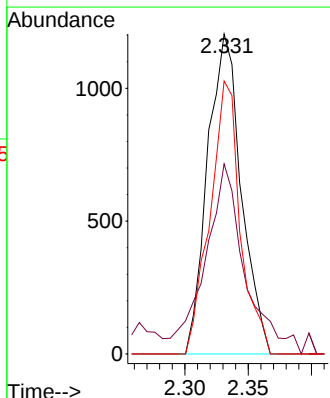
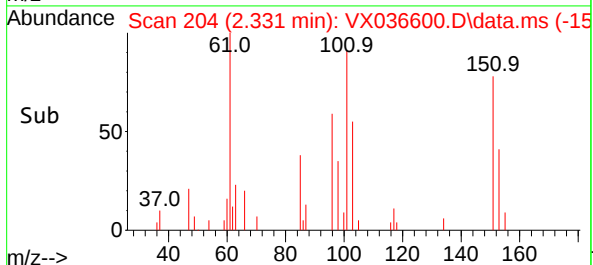
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023

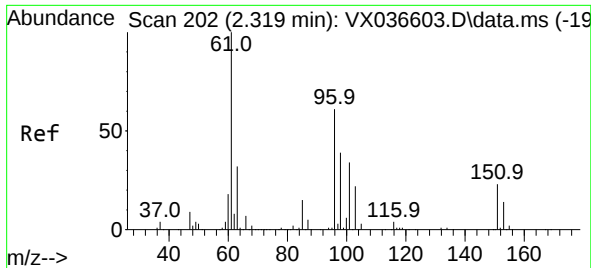


#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.974 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46



Tgt Ion:101 Resp: 2227  
Ion Ratio Lower Upper  
101 100  
85 71.9 37.0 55.6#  
151 76.7 58.6 87.8





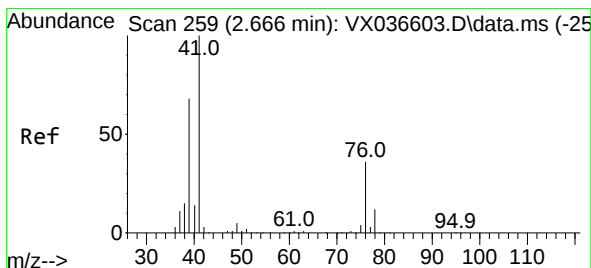
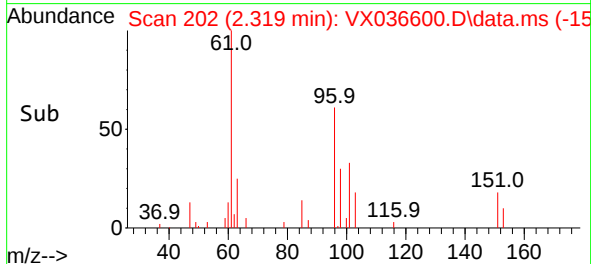
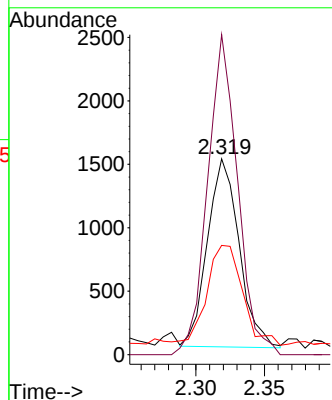
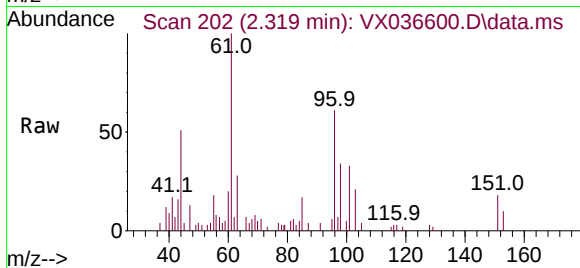
#12  
1,1-Dichloroethene  
Concen: 1.054 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 96 Resp: 2390  
Ion Ratio Lower Upper  
96 100  
61 171.2 144.6 216.8  
98 53.4 50.4 75.6

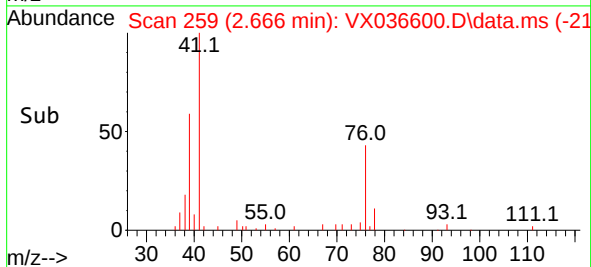
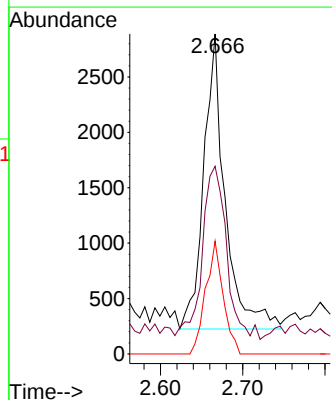
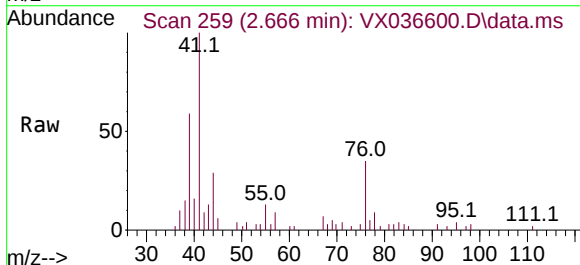
Manual Integrations  
APPROVED

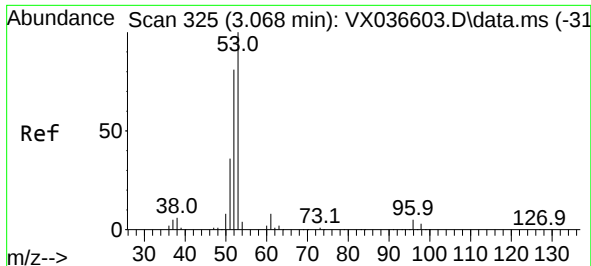
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#14  
Allyl chloride  
Concen: 1.267 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

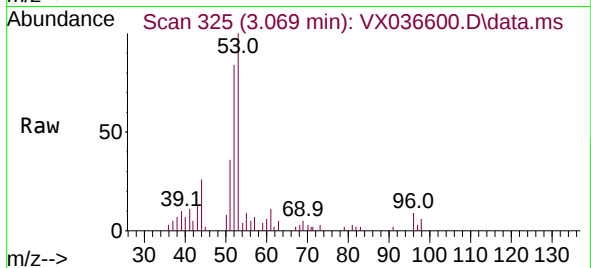
Tgt Ion: 41 Resp: 4822  
Ion Ratio Lower Upper  
41 100  
39 67.1 55.8 83.6  
76 31.2 24.3 36.5





#15  
Acrylonitrile  
Concen: 5.405 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

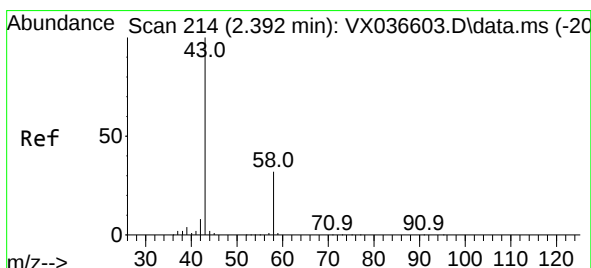
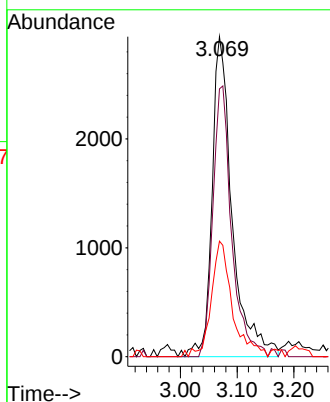
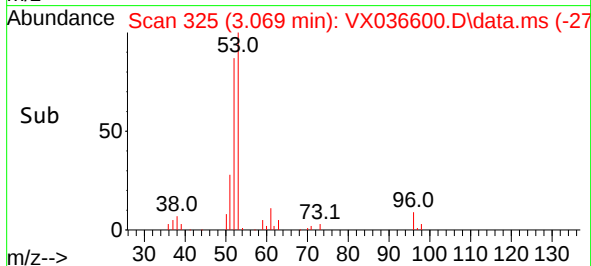
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



Tgt Ion: 53 Resp: 726  
Ion Ratio Lower Upper  
53 100  
52 78.5 66.0 99.0  
51 37.7 29.8 44.6

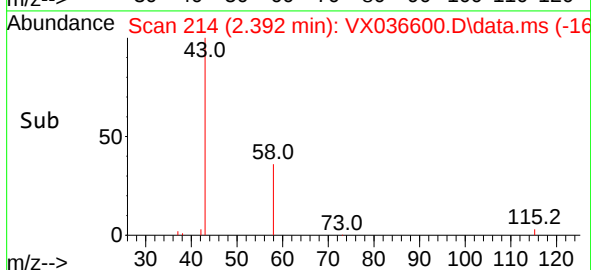
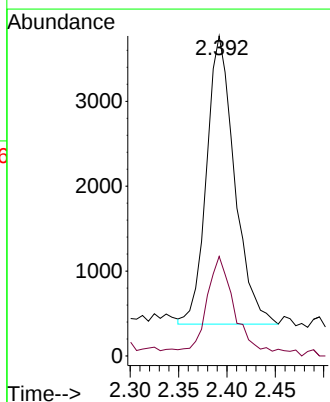
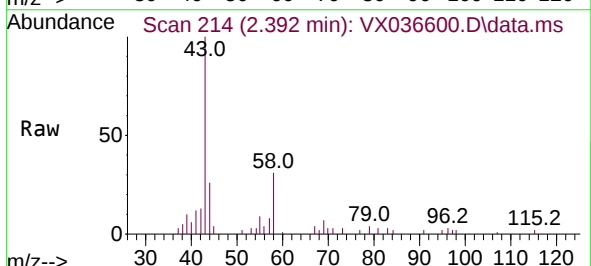
Manual Integrations  
APPROVED

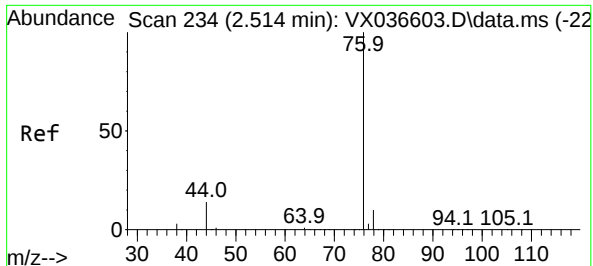
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#16  
Acetone  
Concen: 5.539 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Tgt Ion: 43 Resp: 6858  
Ion Ratio Lower Upper  
43 100  
58 32.3 21.9 32.9





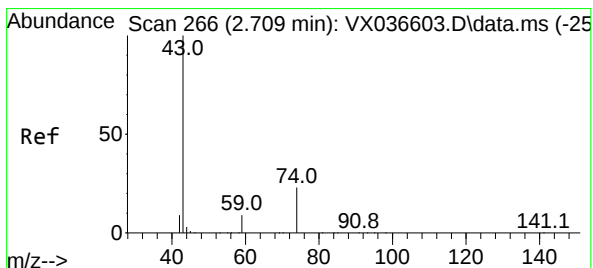
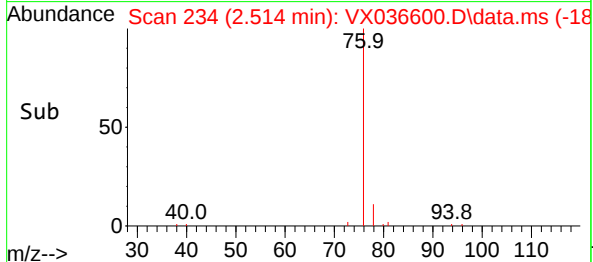
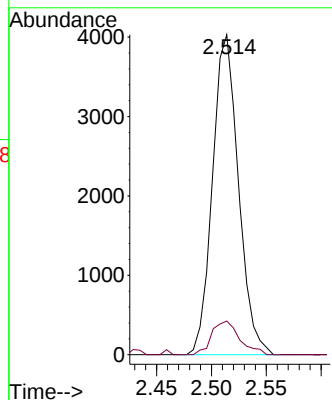
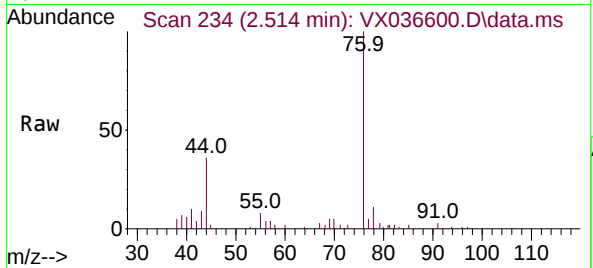
#17  
Carbon Disulfide  
Concen: 1.165 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Tgt Ion: 76 Resp: 6630  
Ion Ratio Lower Upper  
76 100  
78 10.5 7.0 10.6

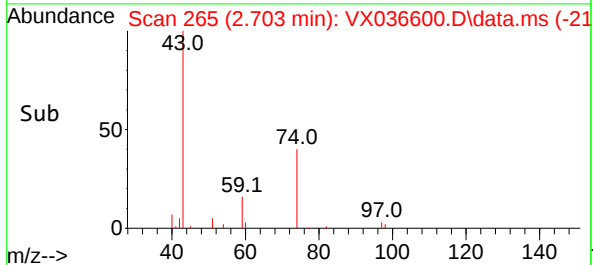
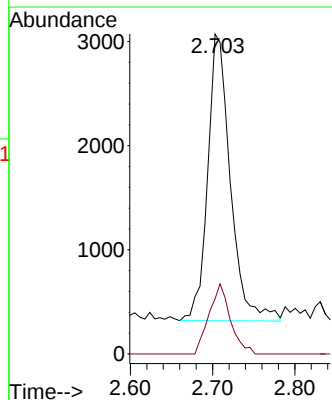
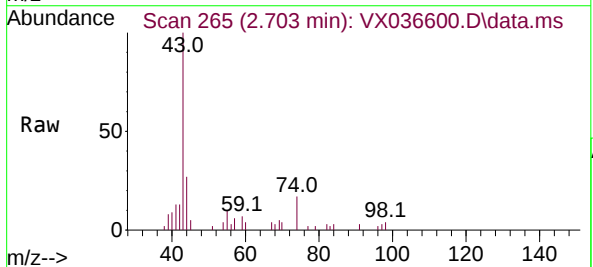
Manual Integrations  
APPROVED

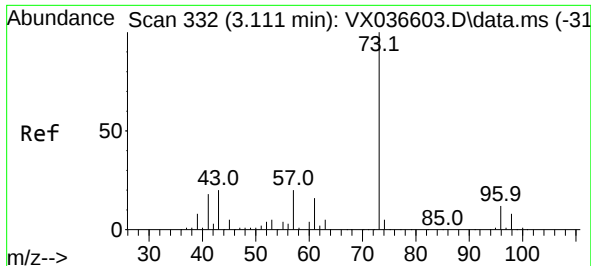
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#18  
Methyl Acetate  
Concen: 1.038 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Tgt Ion: 43 Resp: 5287  
Ion Ratio Lower Upper  
43 100  
74 22.9 17.8 26.8





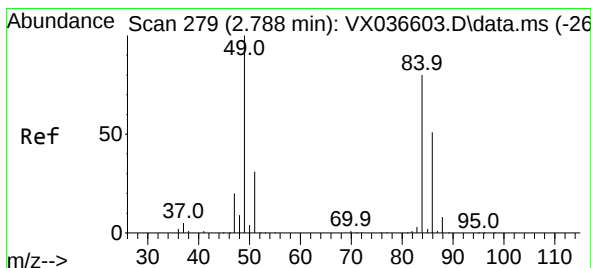
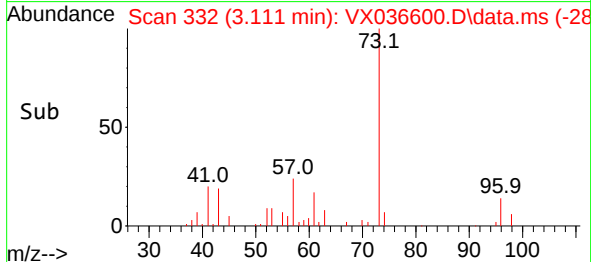
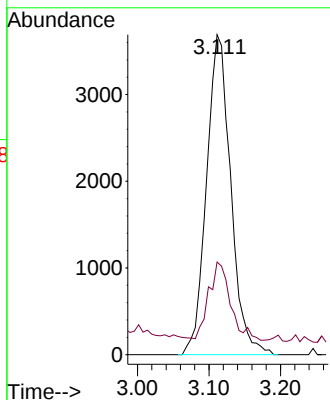
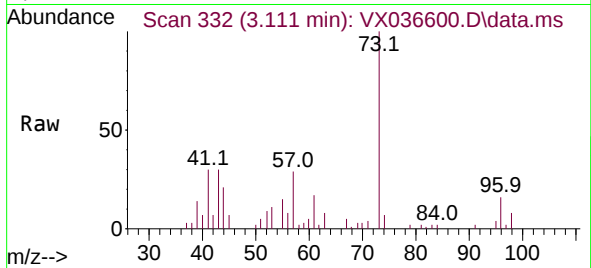
#19  
Methyl tert-butyl Ether  
Concen: 1.153 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 73 Resp: 868  
Ion Ratio Lower Upper  
73 100  
57 23.2 17.3 25.9

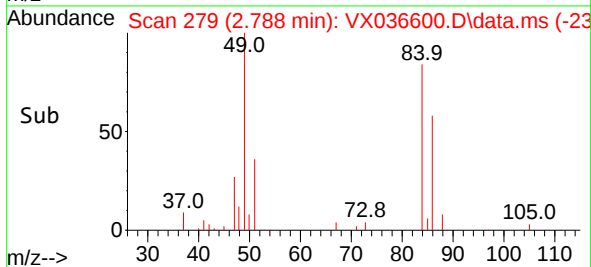
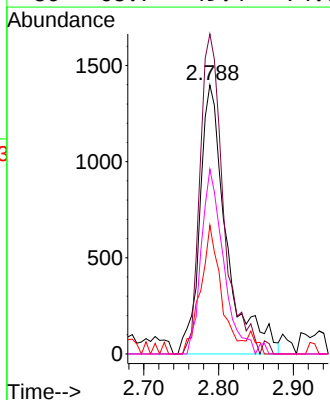
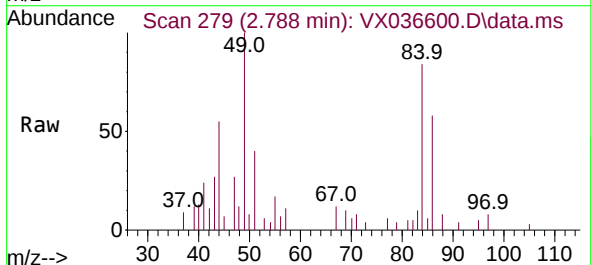
Manual Integrations  
APPROVED

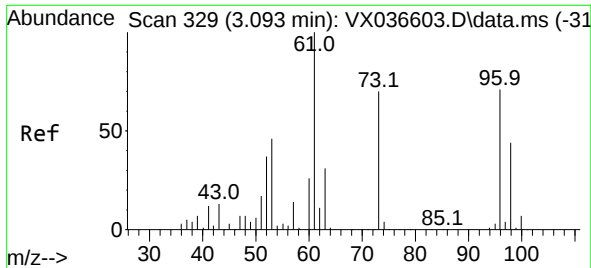
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#20  
Methylene Chloride  
Concen: 1.310 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

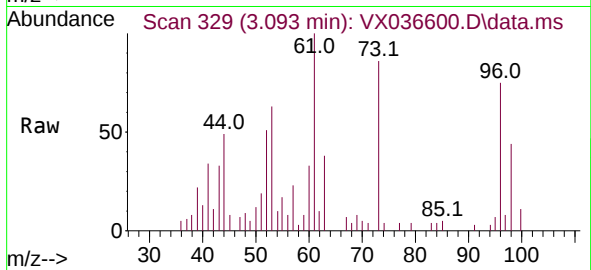
Tgt Ion: 84 Resp: 3478  
Ion Ratio Lower Upper  
84 100  
49 118.9 103.6 155.4  
51 47.8 33.8 50.6  
86 68.7 49.4 74.0





#21  
trans-1,2-Dichloroethene  
Concen: 1.125 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

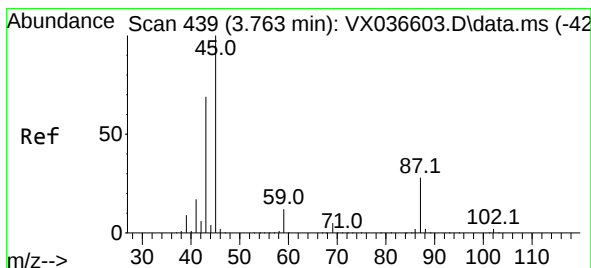
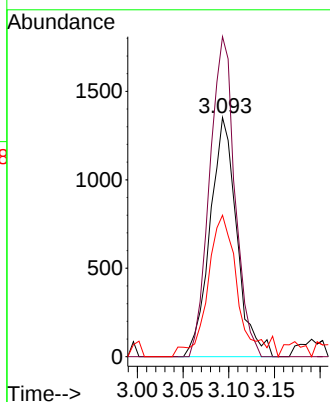
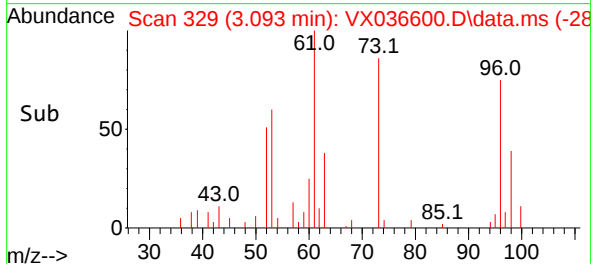
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



Tgt Ion: 96 Resp: 275  
Ion Ratio Lower Upper  
96 100  
61 133.8 119.2 178.8  
98 59.2 48.7 73.1

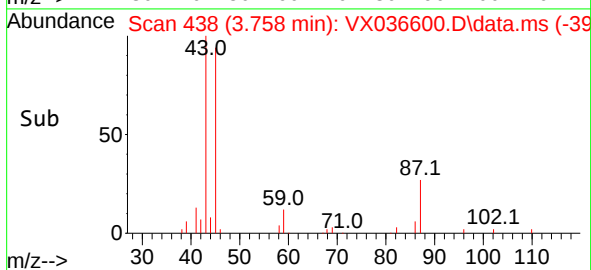
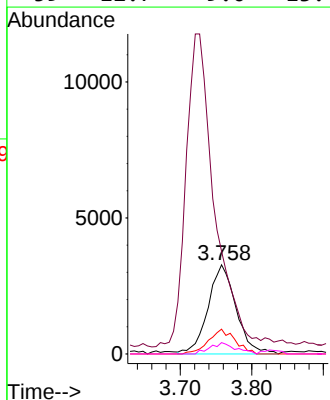
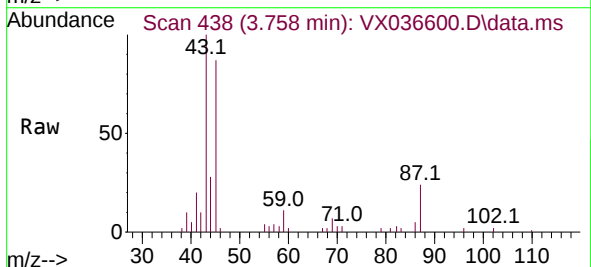
Manual Integrations  
APPROVED

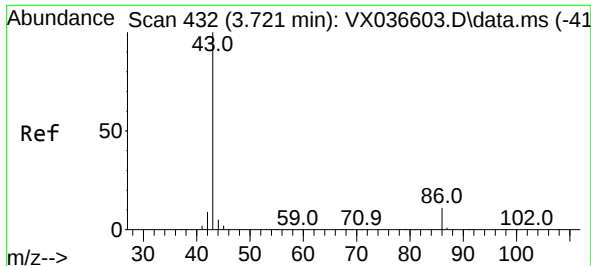
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#22  
Diisopropyl ether  
Concen: 1.177 ug/l  
RT: 3.758 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Tgt Ion: 45 Resp: 8902  
Ion Ratio Lower Upper  
45 100  
43 100.6 69.7 104.5  
87 27.8 20.8 31.2  
59 12.7 9.0 13.4





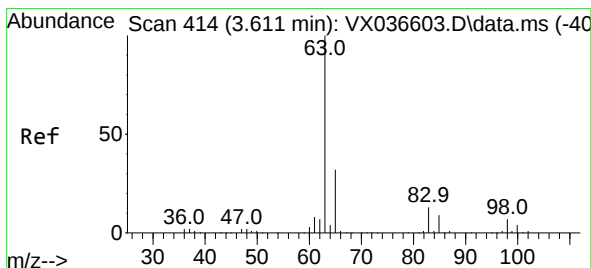
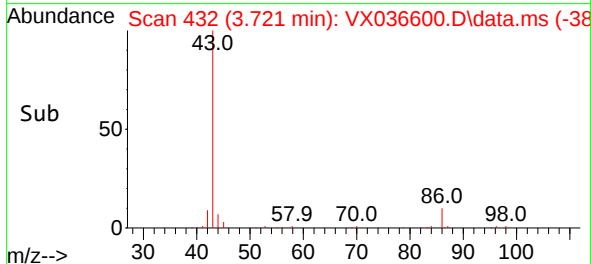
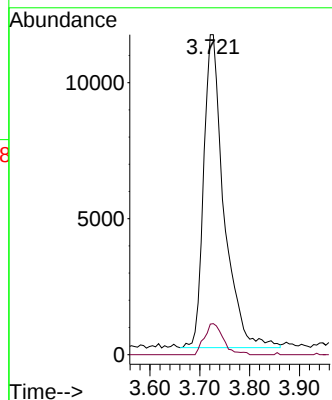
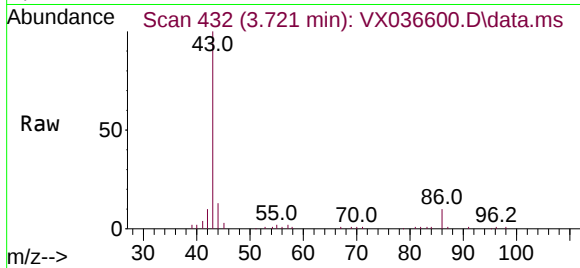
#23  
 Vinyl Acetate  
 Concen: 5.854 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX036600.D  
 Acq: 21 Jul 2023 09:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 43 Resp: 32480  
 Ion Ratio Lower Upper  
 43 100  
 86 9.8 7.8 11.8

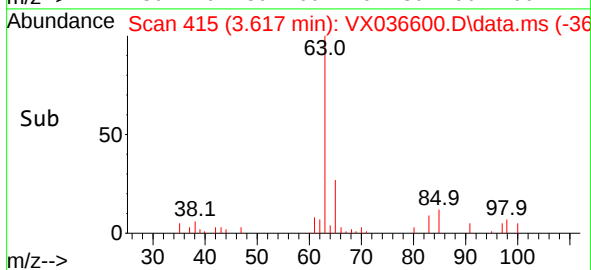
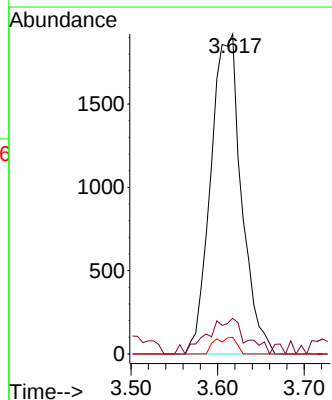
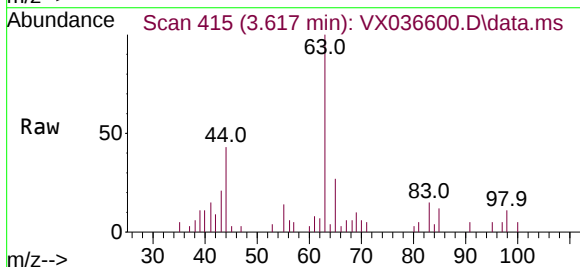
Manual Integrations  
 APPROVED

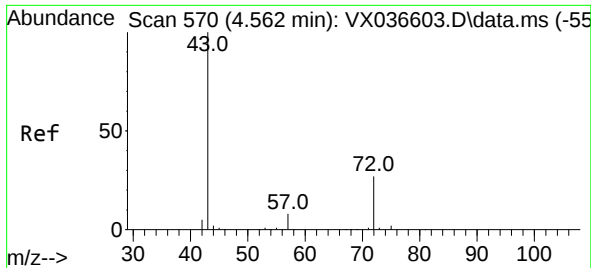
Reviewed By :John Carlone 07/24/2023  
 Supervised By :Mahesh Dadoda 07/24/2023



#24  
 1,1-Dichloroethane  
 Concen: 1.068 ug/l  
 RT: 3.617 min Scan# 415  
 Delta R.T. 0.006 min  
 Lab File: VX036600.D  
 Acq: 21 Jul 2023 09:46

Tgt Ion: 63 Resp: 4727  
 Ion Ratio Lower Upper  
 63 100  
 98 8.3 3.3 9.8  
 100 5.2 2.1 6.5





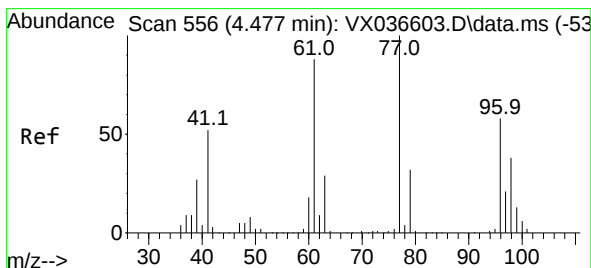
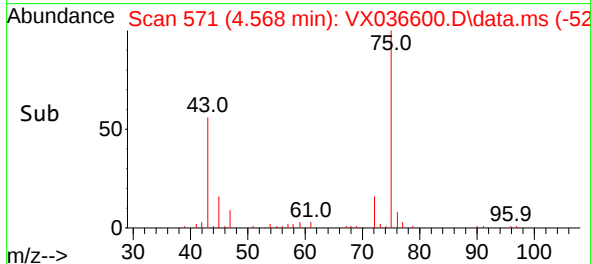
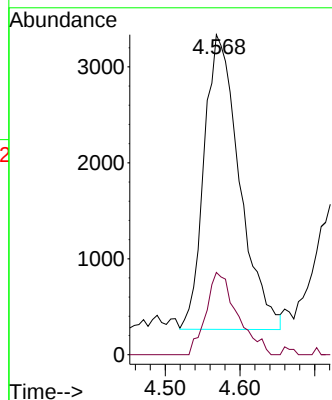
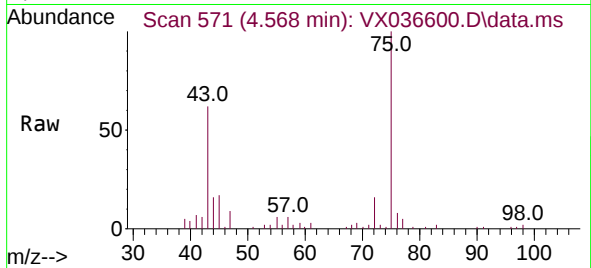
#25  
2-Butanone  
Concen: 5.590 ug/l  
RT: 4.568 min Scan# 511  
Delta R.T. 0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 43 Resp: 1011  
Ion Ratio Lower Upper  
43 100  
72 28.0 19.4 29.2

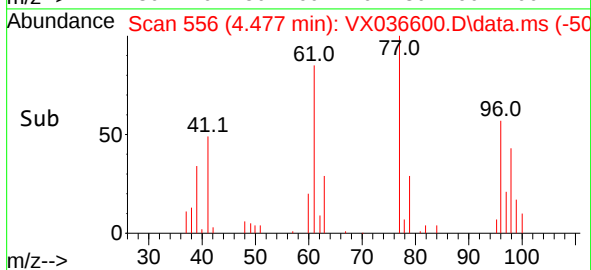
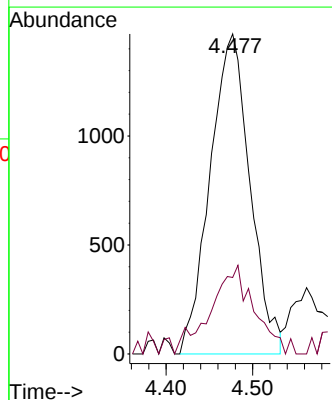
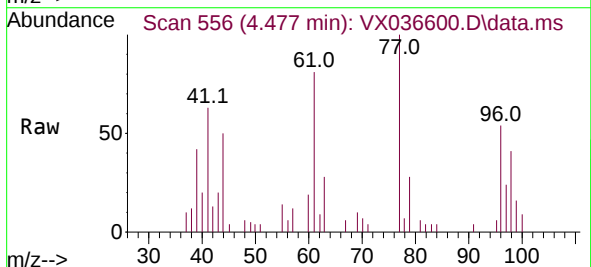
Manual Integrations  
APPROVED

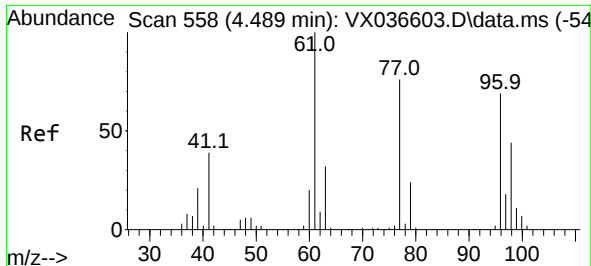
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#26  
2,2-Dichloropropane  
Concen: 1.425 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Tgt Ion: 77 Resp: 4717  
Ion Ratio Lower Upper  
77 100  
97 30.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 1.184 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tgt Ion: 96 Resp: 327

Ion Ratio Lower Upper

96 100

61 126.7 0.0 312.2

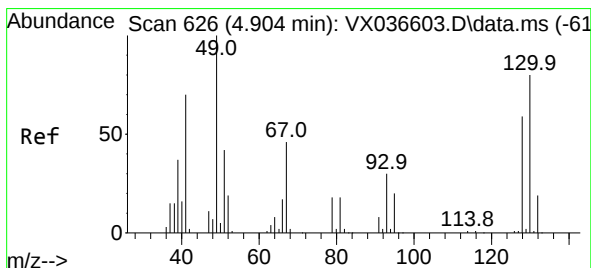
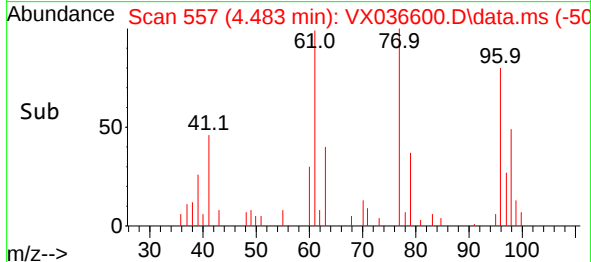
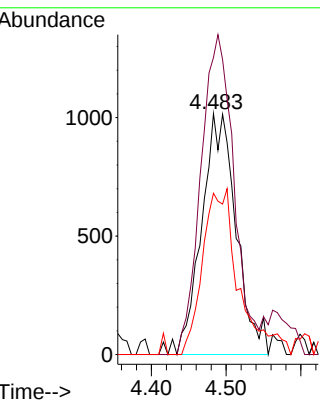
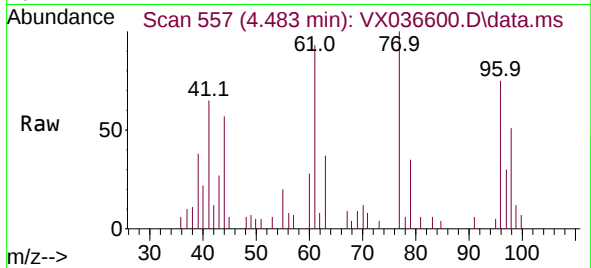
98 71.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#28

Bromochloromethane

Concen: 0.997 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

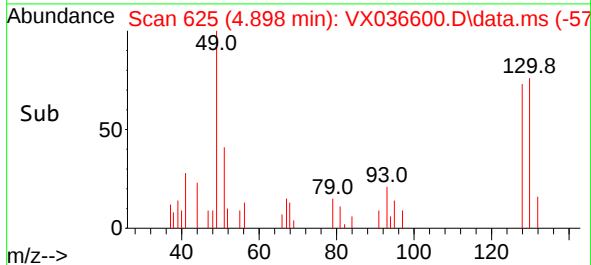
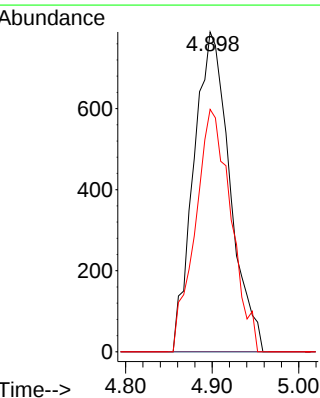
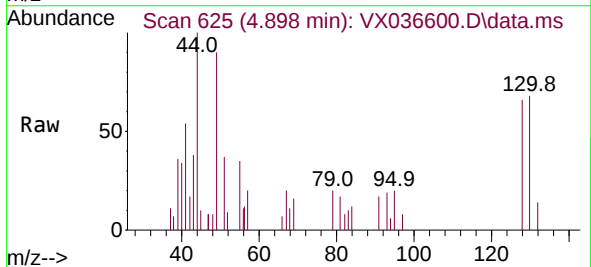
Tgt Ion: 49 Resp: 2290

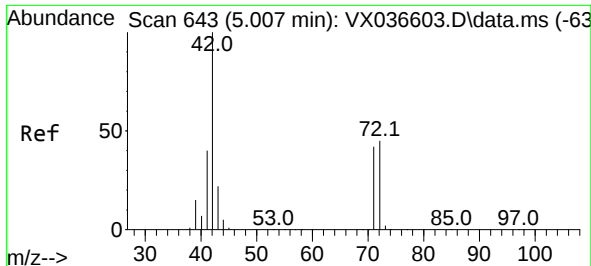
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 74.8 57.5 86.3





#29

Tetrahydrofuran

Concen: 5.626 ug/l

RT: 5.020 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

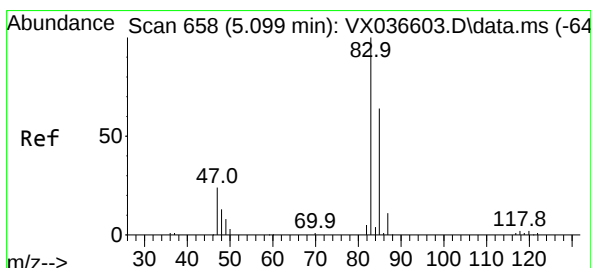
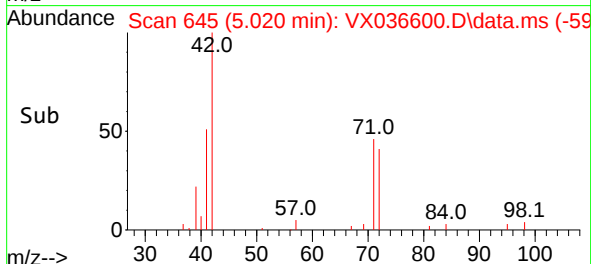
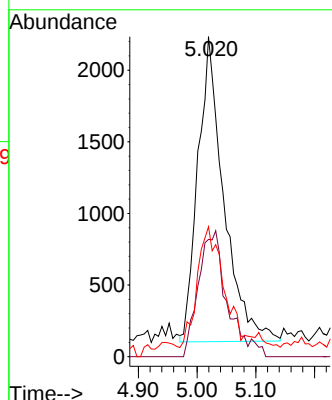
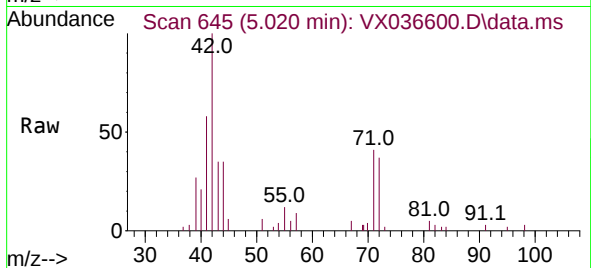
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 42    | Resp: | 651  |
| Ion Ratio | Lower | Upper |      |
| 42        | 100   |       |      |
| 72        | 45.8  | 34.2  | 51.4 |
| 71        | 40.6  | 32.2  | 48.2 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#30

Chloroform

Concen: 1.122 ug/l

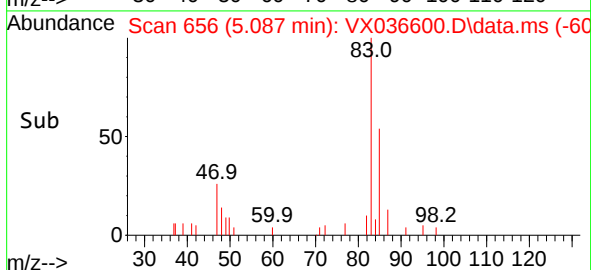
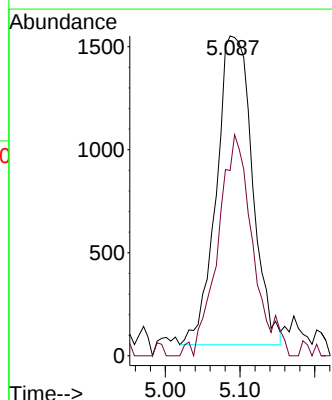
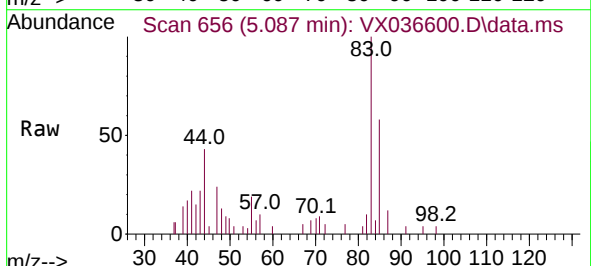
RT: 5.087 min Scan# 656

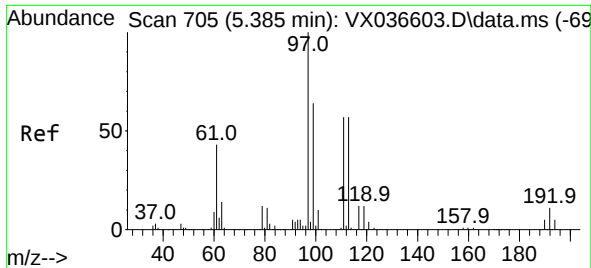
Delta R.T. -0.012 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

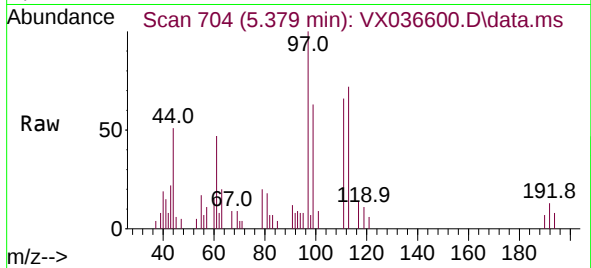
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 83    | Resp: | 5013 |
| Ion Ratio | Lower | Upper |      |
| 83        | 100   |       |      |
| 85        | 60.0  | 50.3  | 75.5 |





#32  
1,1,1-Trichloroethane  
Concen: 1.197 ug/l  
RT: 5.379 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

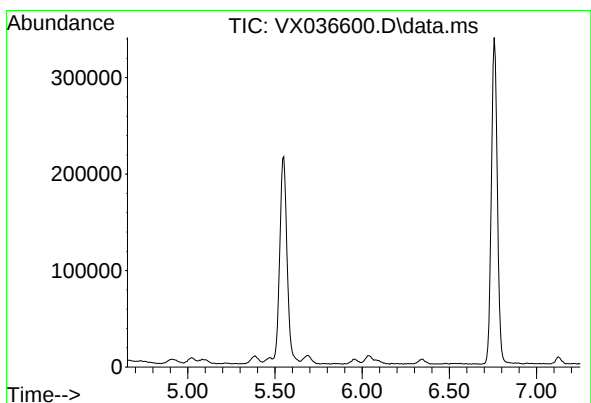
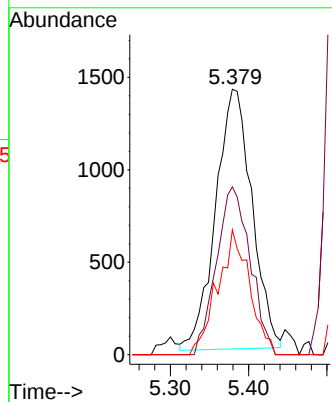
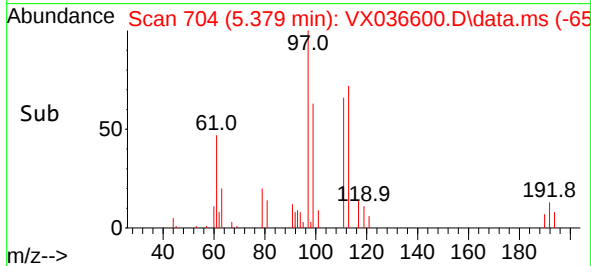
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



Tgt Ion: 97 Resp: 453  
Ion Ratio Lower Upper  
97 100  
99 0.0 51.1 76.7  
61 42.1 36.4 54.6

Manual Integrations  
APPROVED

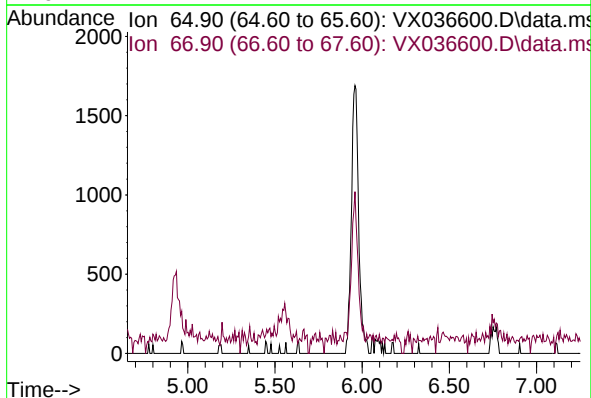
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023

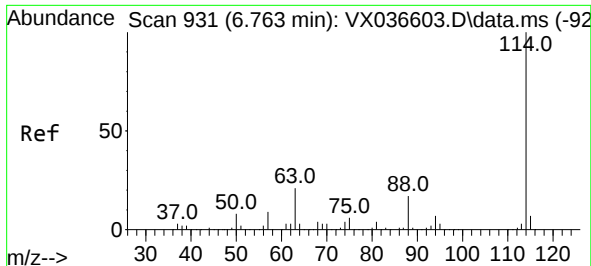


#33  
1,2-Dichloroethane-d4  
Concen: 0.000 ug/l  
Expected RT: 5.95 min

Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Tgt Ion: 65  
Sig Exp Ratio  
65 100  
67 50.1





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 34296

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

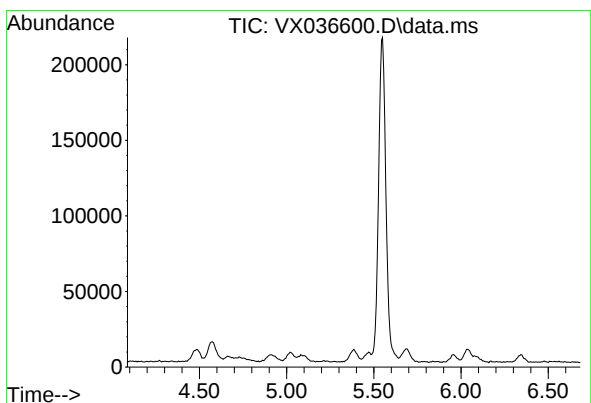
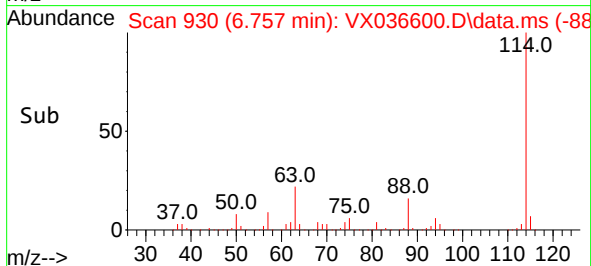
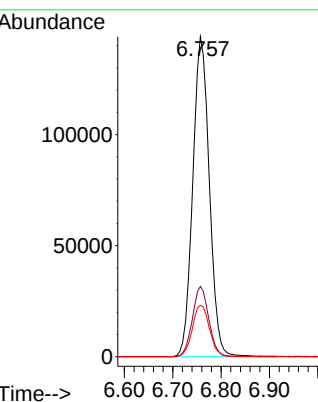
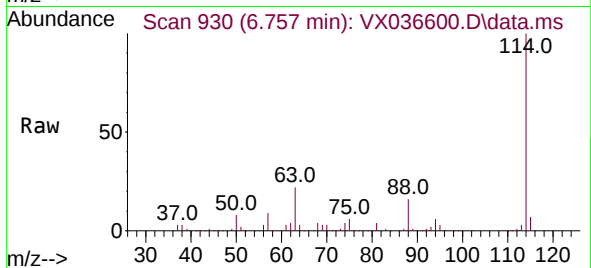
88 16.1 0.0 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.39 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

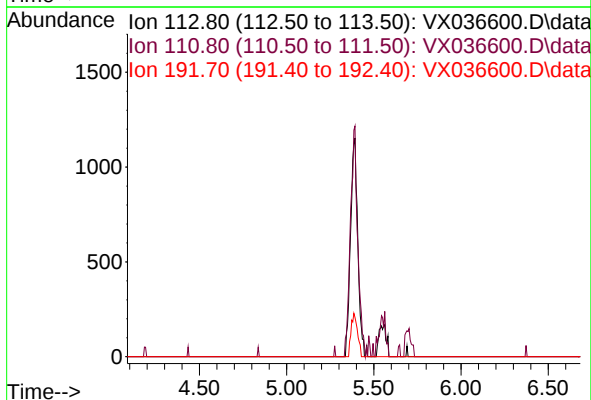
Tgt Ion: 113

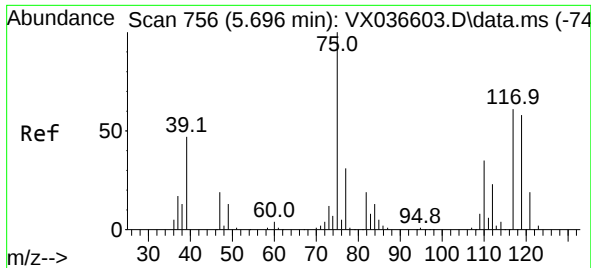
Sig Exp Ratio

113 100

111 103.6

192 16.6





#36  
1,1-Dichloropropene  
Concen: 1.050 ug/l  
RT: 5.690 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Instrument :

MSVOA\_X

ClientSampleId :

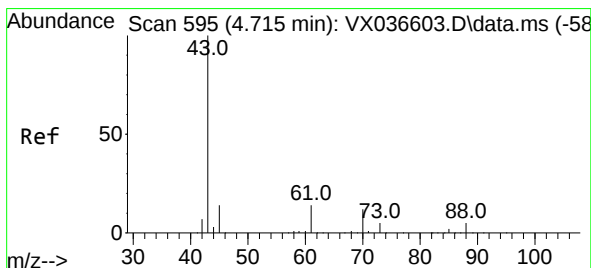
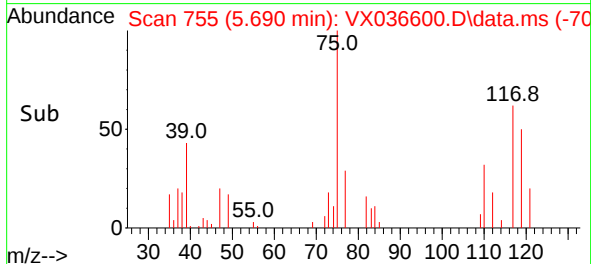
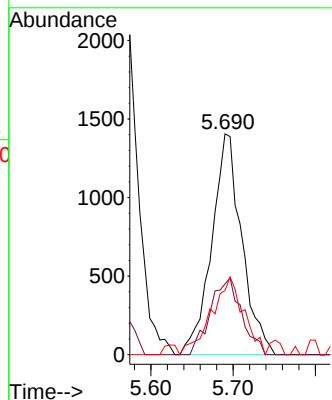
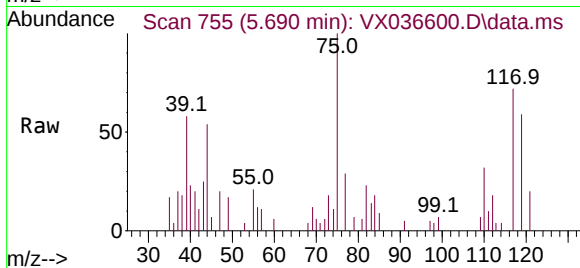
VSTDIC001

Tgt Ion: 75 Resp: 3572  
Ion Ratio Lower Upper  
75 100  
110 36.2 17.0 50.9  
77 37.7 24.7 37.1

Manual Integrations

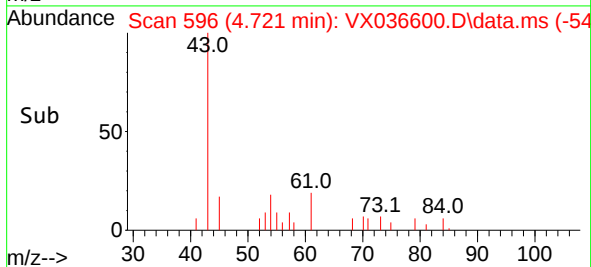
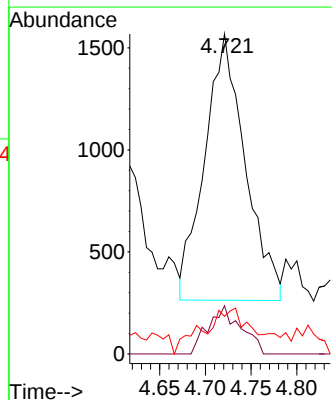
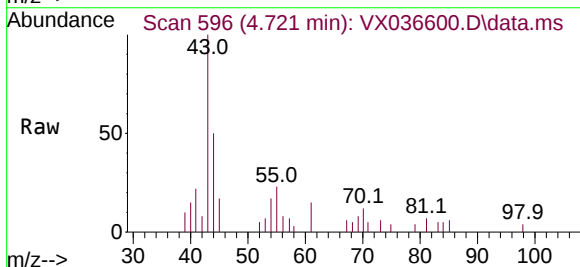
APPROVED

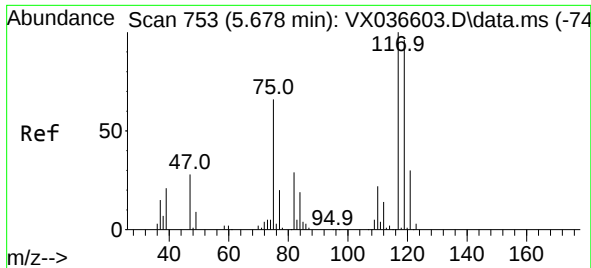
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#37  
Ethyl Acetate  
Concen: 1.137 ug/l  
RT: 4.721 min Scan# 596  
Delta R.T. 0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

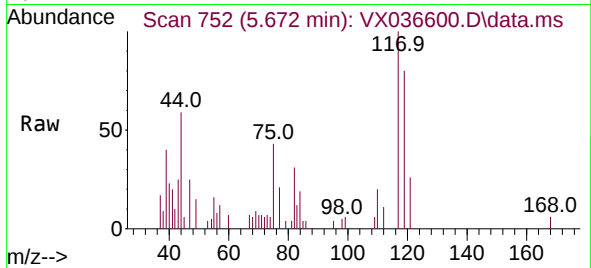
Tgt Ion: 43 Resp: 4024  
Ion Ratio Lower Upper  
43 100  
61 14.5 10.6 16.0  
70 6.4 8.3 12.5





#38  
Carbon Tetrachloride  
Concen: 1.220 ug/l  
RT: 5.672 min Scan# 752  
Delta R.T. -0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

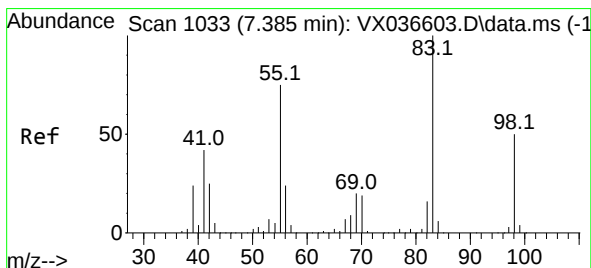
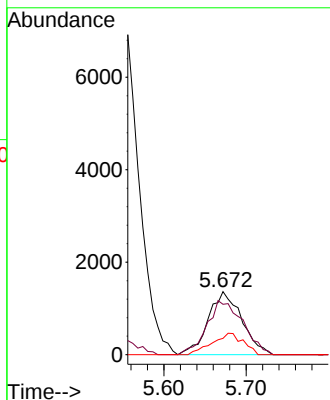
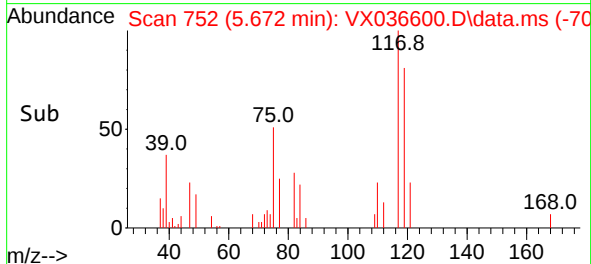
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



Tgt Ion: 117 Resp: 3878  
Ion Ratio Lower Upper  
117 100  
119 79.8 78.2 117.2  
121 25.8 24.4 36.6

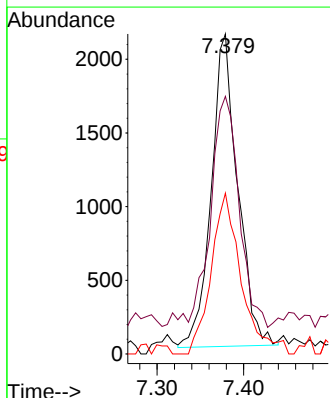
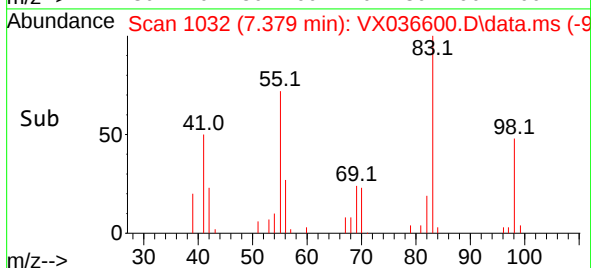
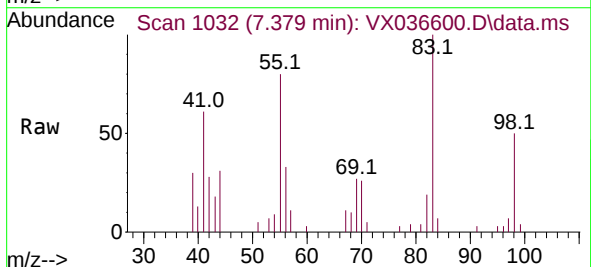
Manual Integrations  
APPROVED

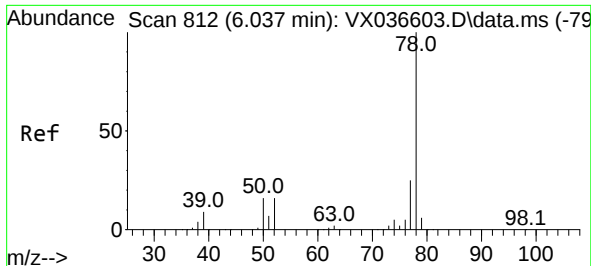
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#39  
Methylcyclohexane  
Concen: 1.101 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Tgt Ion: 83 Resp: 4496  
Ion Ratio Lower Upper  
83 100  
55 71.8 64.6 97.0  
98 51.7 36.7 55.1





#40

Benzene

Concen: 1.091 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tgt Ion: 78 Resp: 1043

Ion Ratio Lower Upper

78 100

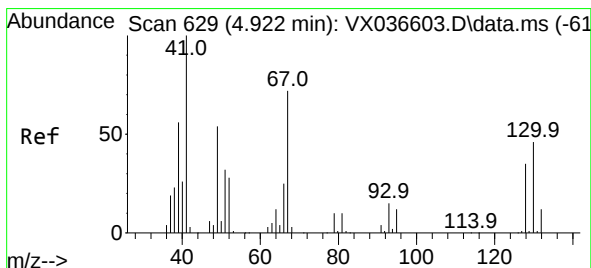
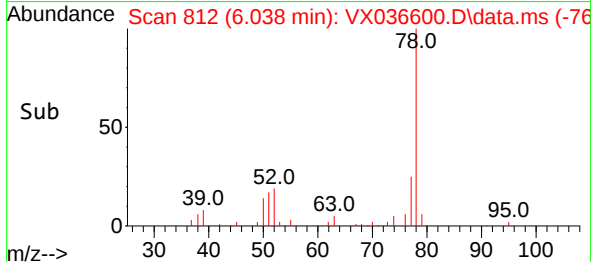
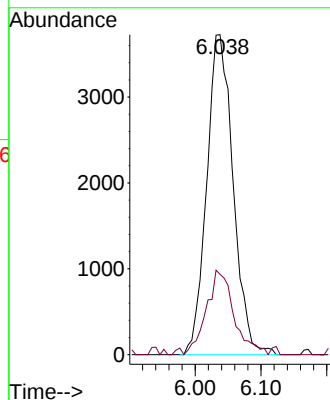
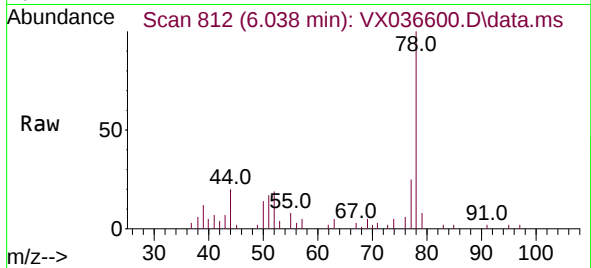
77 25.1 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#41

Methacrylonitrile

Concen: 1.032 ug/l

RT: 4.934 min Scan# 631

Delta R.T. 0.012 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

Tgt Ion: 41 Resp: 2013

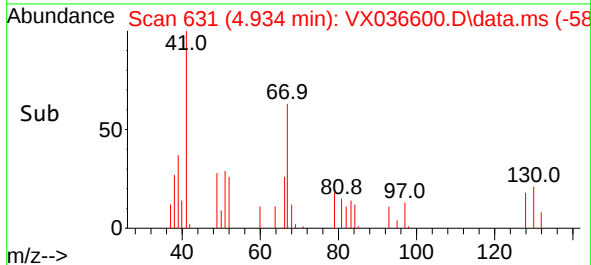
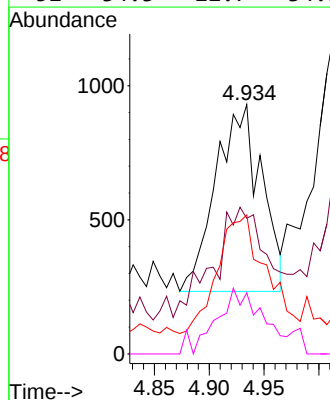
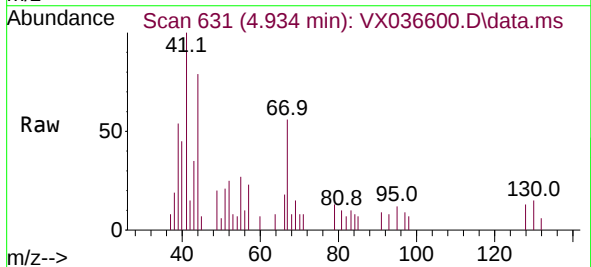
Ion Ratio Lower Upper

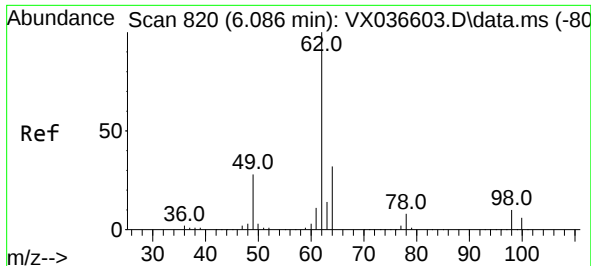
41 100

39 69.4 45.2 67.8#

67 67.3 52.6 78.8

52 34.3 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 1.023 ug/l

RT: 6.086 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 369

Ion Ratio Lower Upper

62 100

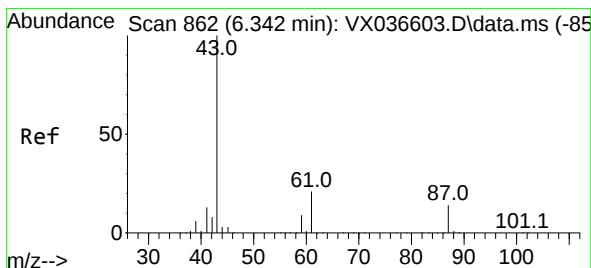
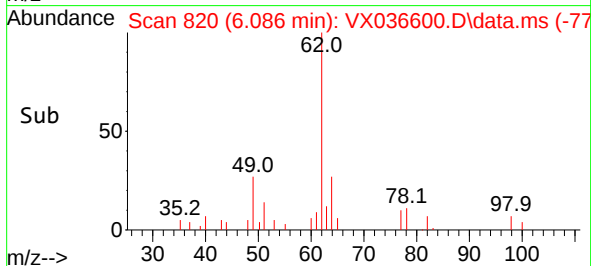
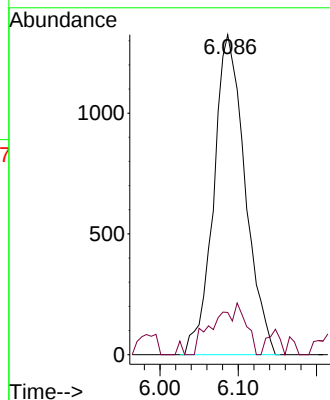
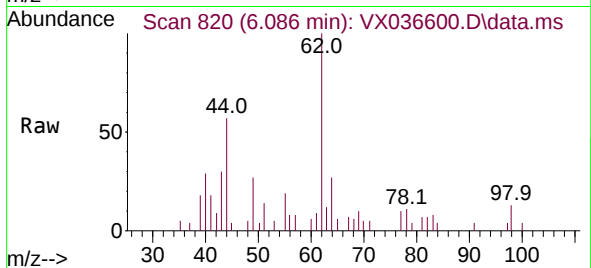
98 10.6 0.0 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#43

Isopropyl Acetate

Concen: 1.311 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

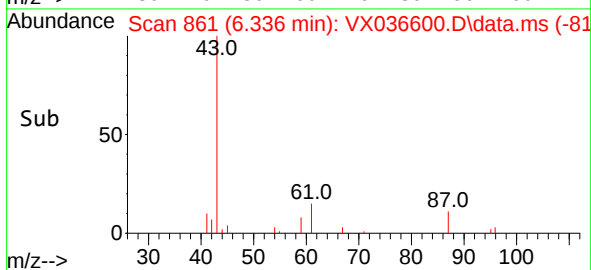
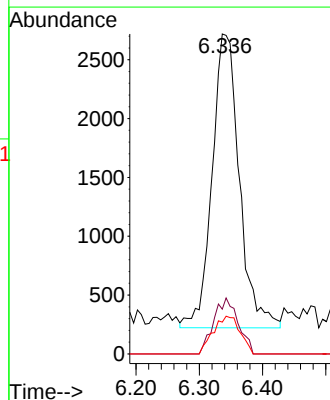
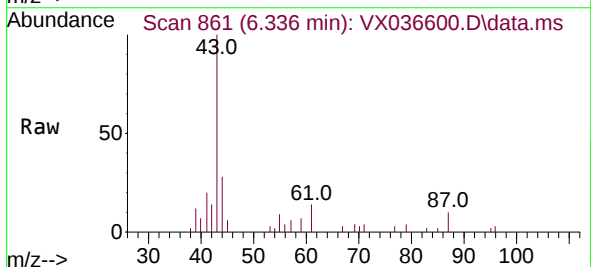
Tgt Ion: 43 Resp: 7475

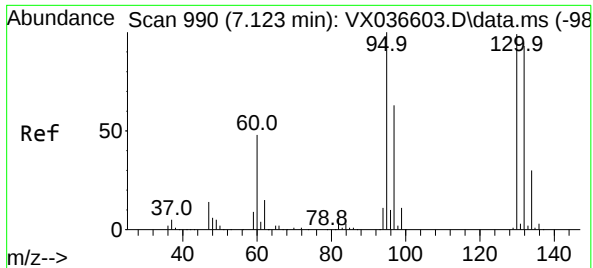
Ion Ratio Lower Upper

43 100

61 17.1 15.2 22.8

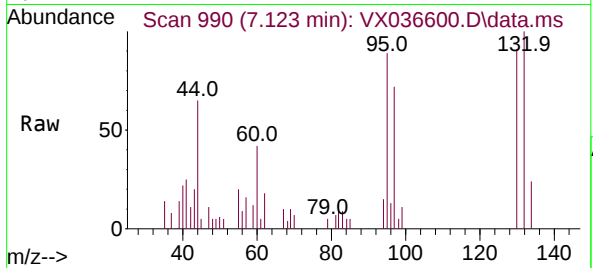
87 12.6 9.8 14.6





#44  
Trichloroethene  
Concen: 1.026 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

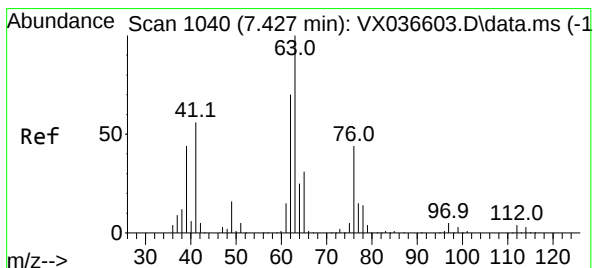
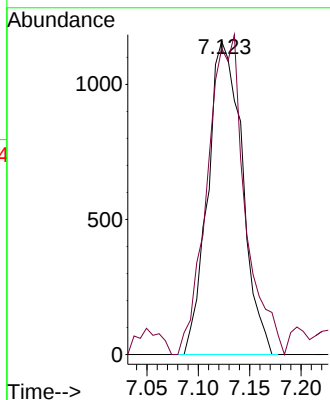
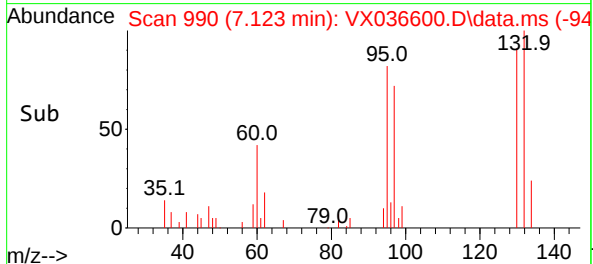
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



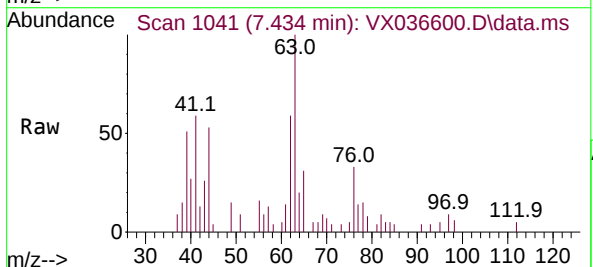
Tgt Ion:130 Resp: 2704  
Ion Ratio Lower Upper  
130 100  
95 97.8 0.0 204.4

Manual Integrations  
APPROVED

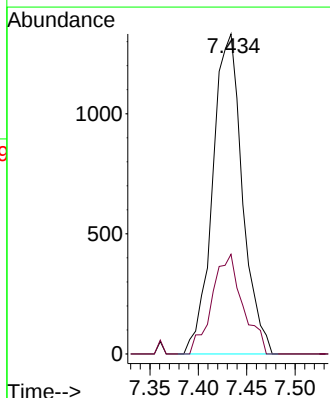
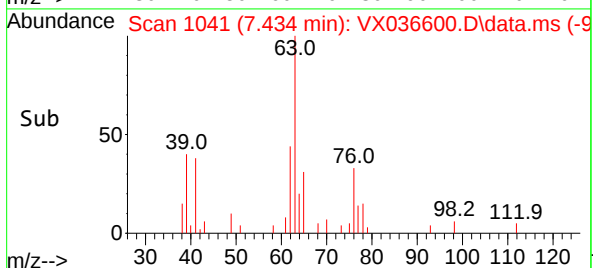
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023

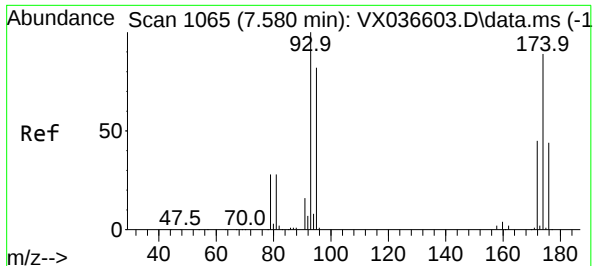


#45  
1,2-Dichloropropane  
Concen: 1.100 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46



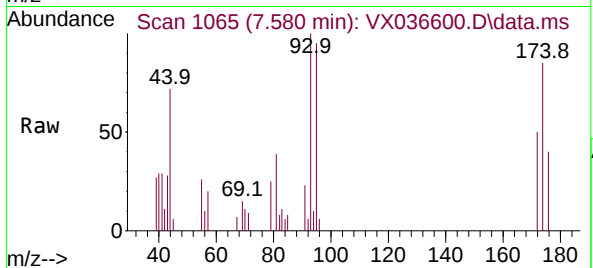
Tgt Ion: 63 Resp: 2851  
Ion Ratio Lower Upper  
63 100  
65 31.2 24.3 36.5





#46  
Dibromomethane  
Concen: 1.087 ug/l  
RT: 7.580 min Scan# 1104  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

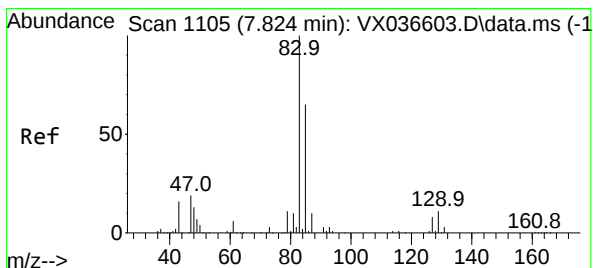
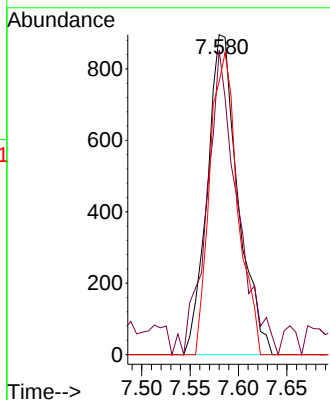
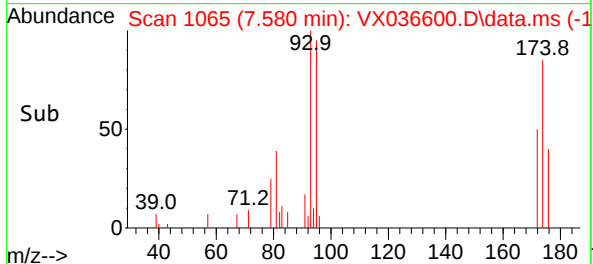
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



Tgt Ion: 93 Resp: 1980  
Ion Ratio Lower Upper  
93 100  
95 95.5 66.6 100.0  
174 85.1 69.4 104.0

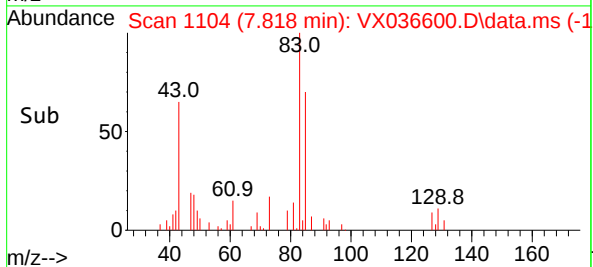
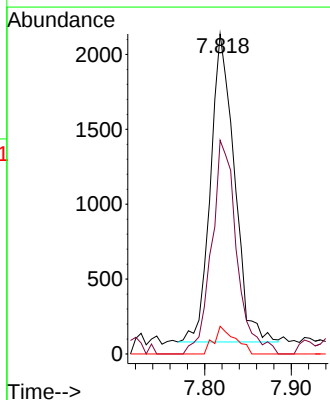
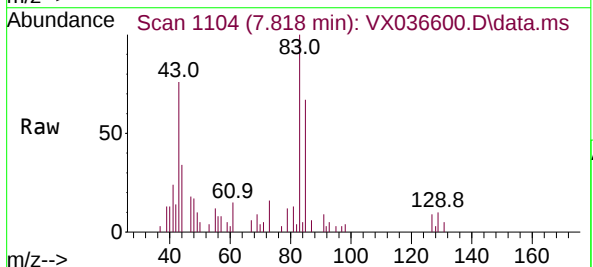
Manual Integrations  
APPROVED

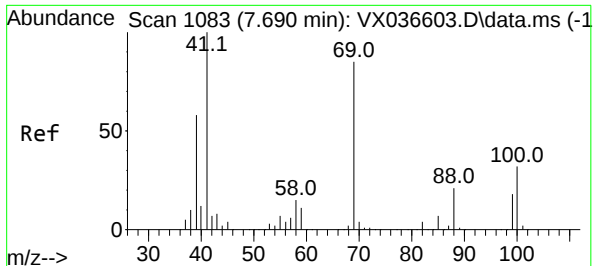
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#47  
Bromodichloromethane  
Concen: 1.178 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Tgt Ion: 83 Resp: 3955  
Ion Ratio Lower Upper  
83 100  
85 69.3 49.8 74.6  
127 9.0 7.1 10.7





#48

Methyl methacrylate

Concen: 1.158 ug/l

RT: 7.696 min Scan# 1083

Delta R.T. 0.006 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 3260

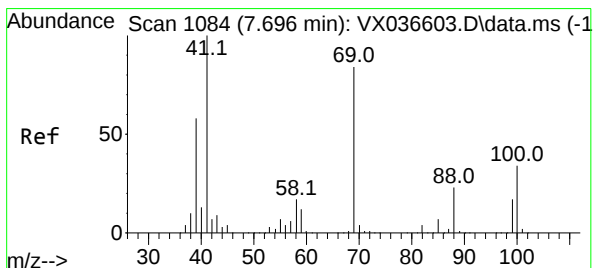
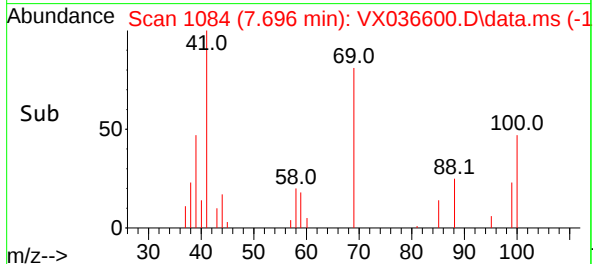
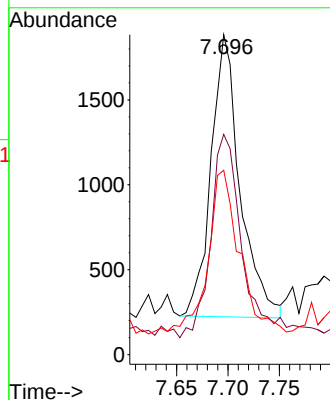
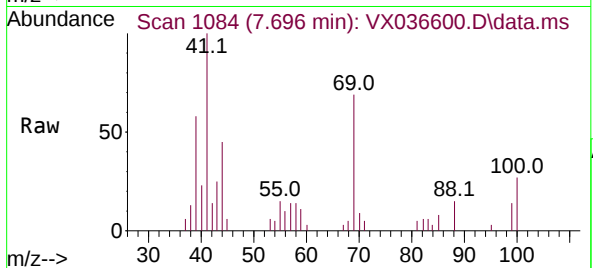
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 83.4  | 59.2  | 88.8  |
| 39  | 63.9  | 47.7  | 71.5  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#49

1,4-Dioxane

Concen: 19.760 ug/l

RT: 7.708 min Scan# 1086

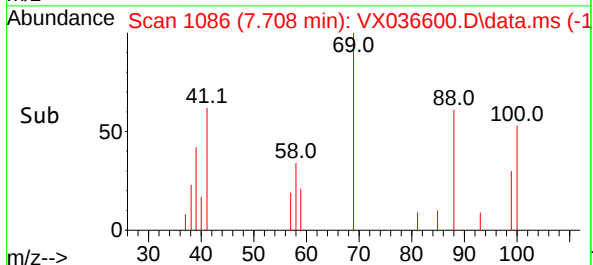
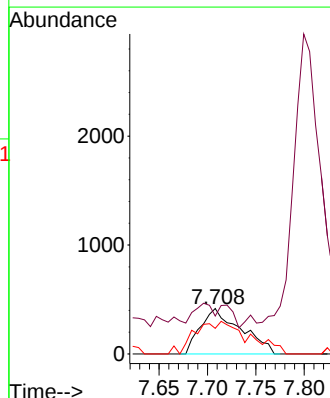
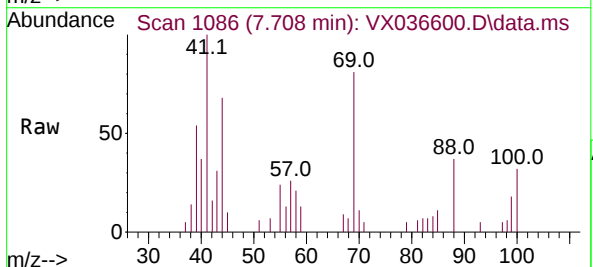
Delta R.T. 0.012 min

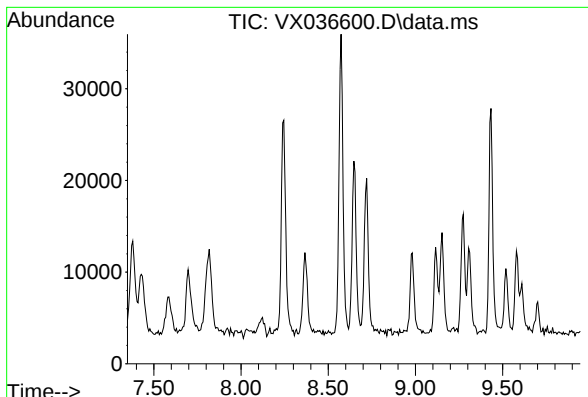
Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

Tgt Ion: 88 Resp: 1211

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 19.6  | 0.0   | 0.0#  |
| 58  | 41.0  | 60.1  | 90.1# |





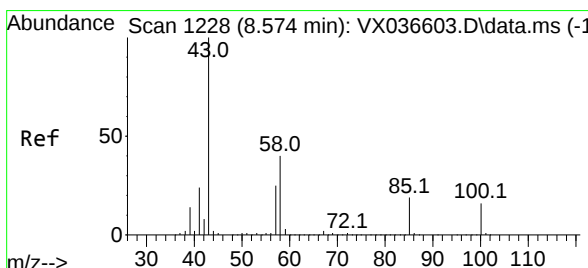
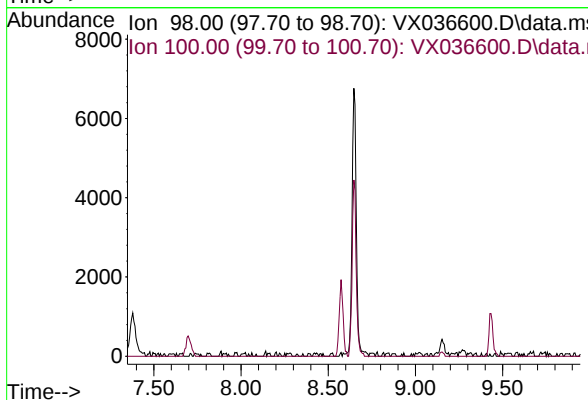
#50  
 Toluene-d8  
 Concen: 0.000 ug/l  
 Expected RT: 8.65 min  
 Lab File: VX036600.D  
 Acq: 21 Jul 2023 09:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 98  
 Sig Exp Ratio  
 98 100  
 100 66.4

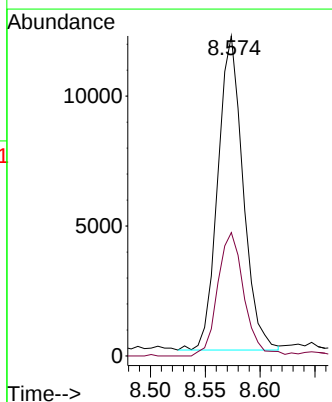
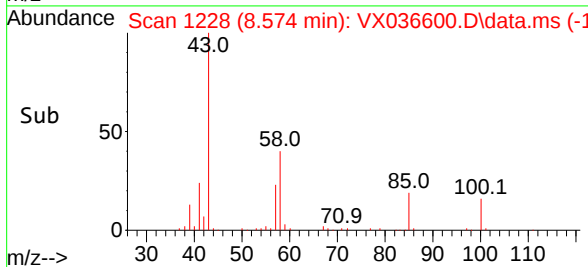
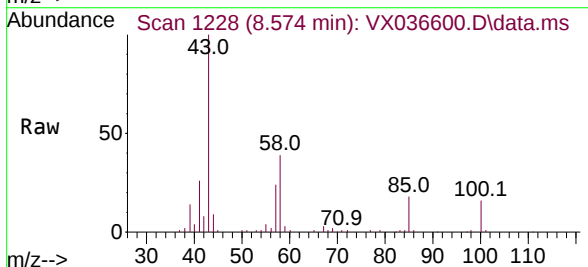
Manual Integrations  
 APPROVED

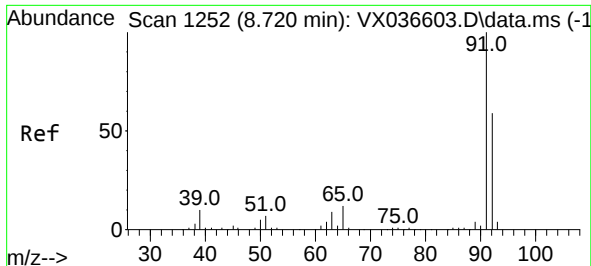
Reviewed By :John Carlone 07/24/2023  
 Supervised By :Mahesh Dadoda 07/24/2023



#51  
 4-Methyl-2-Pentanone  
 Concen: 5.399 ug/l  
 RT: 8.574 min Scan# 1228  
 Delta R.T. 0.000 min  
 Lab File: VX036600.D  
 Acq: 21 Jul 2023 09:46

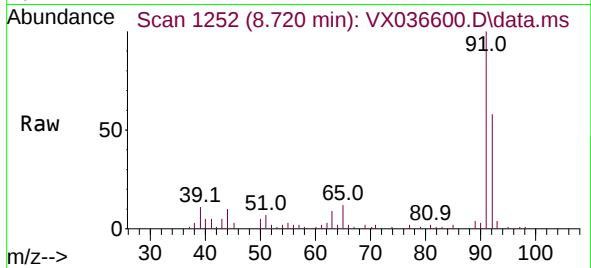
Tgt Ion: 43 Resp: 19372  
 Ion Ratio Lower Upper  
 43 100  
 58 41.1 30.4 45.6





#52  
Toluene  
Concen: 1.077 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

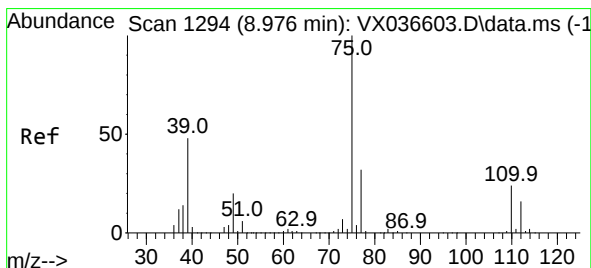
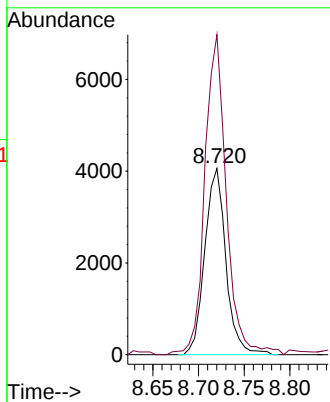
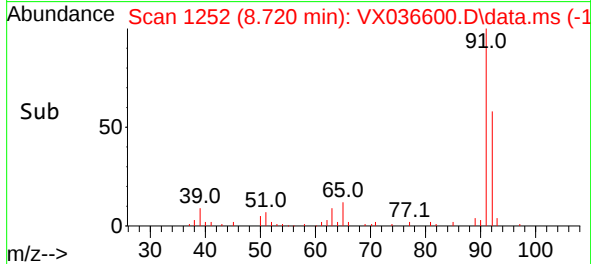
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



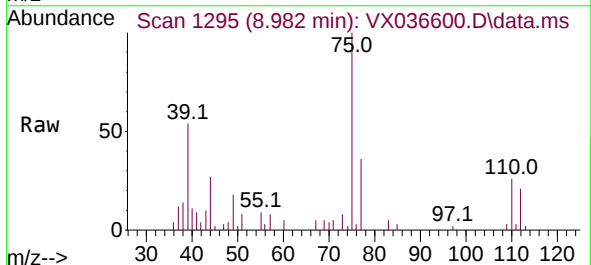
Tgt Ion: 92 Resp: 6524  
Ion Ratio Lower Upper  
92 100  
91 174.5 134.2 201.2

Manual Integrations  
APPROVED

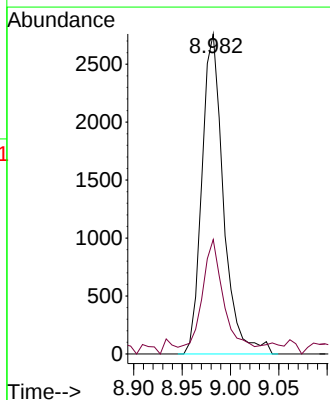
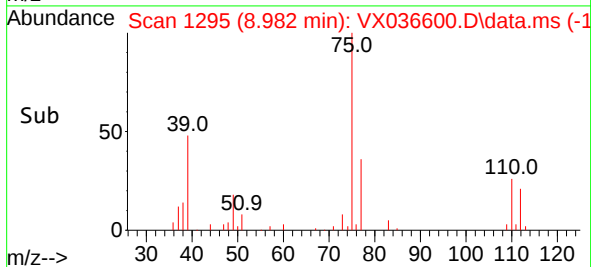
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023

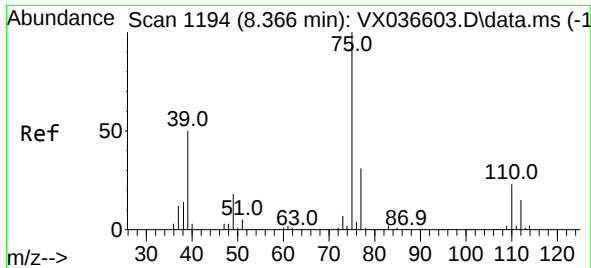


#53  
t-1,3-Dichloropropene  
Concen: 1.233 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. 0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46



Tgt Ion: 75 Resp: 4283  
Ion Ratio Lower Upper  
75 100  
77 33.6 25.7 38.5





#54  
cis-1,3-Dichloropropene  
Concen: 1.230 ug/l  
RT: 8.366 min Scan# 1194  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Instrument :

MSVOA\_X

ClientSampleId :

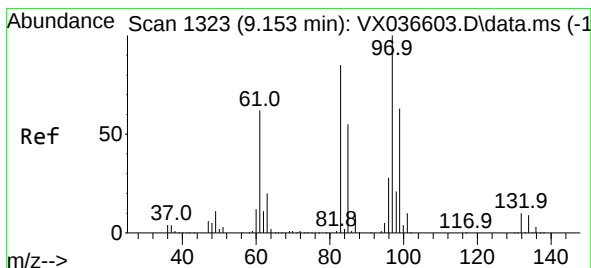
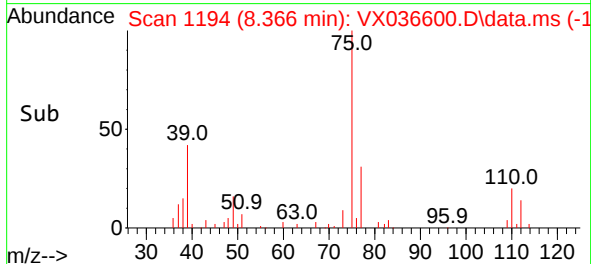
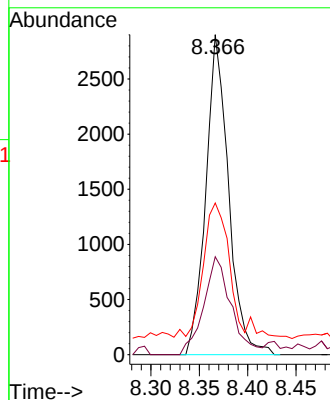
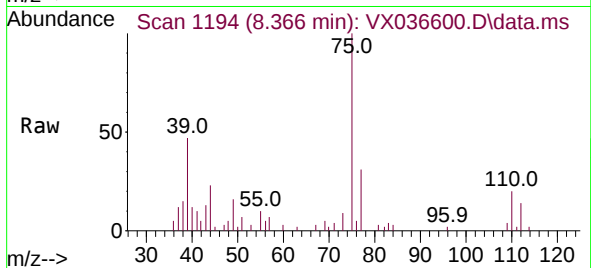
VSTDIC001

Tgt Ion: 75 Resp: 4748  
Ion Ratio Lower Upper  
75 100  
77 30.6 25.3 37.9  
39 41.7 46.7 70.1

Manual Integrations

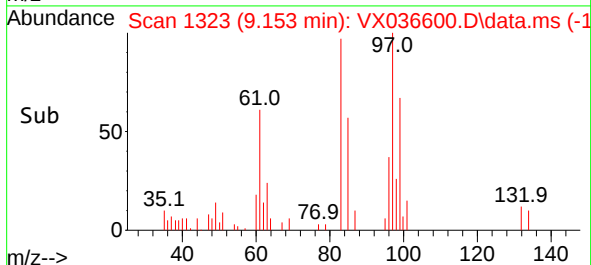
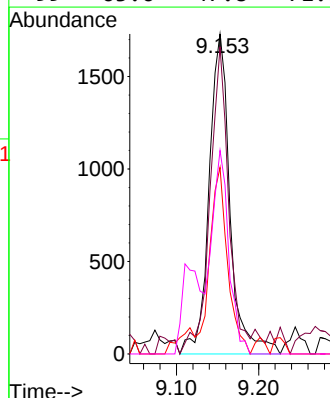
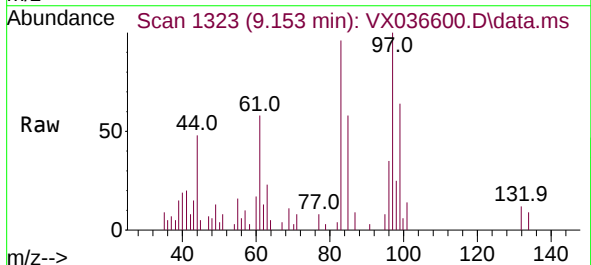
APPROVED

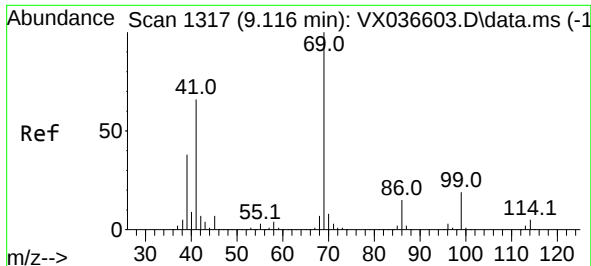
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#55  
1,1,2-Trichloroethane  
Concen: 1.221 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

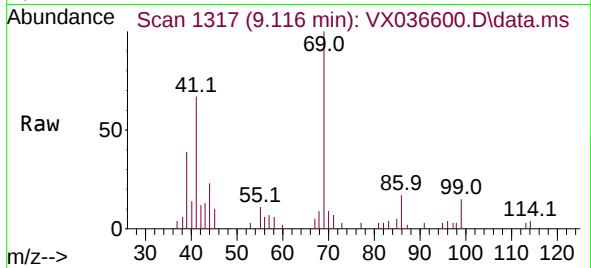
Tgt Ion: 97 Resp: 3068  
Ion Ratio Lower Upper  
97 100  
83 96.0 65.8 98.8  
85 53.2 41.6 62.4  
99 63.6 47.8 71.8





#56  
Ethyl methacrylate  
Concen: 1.145 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

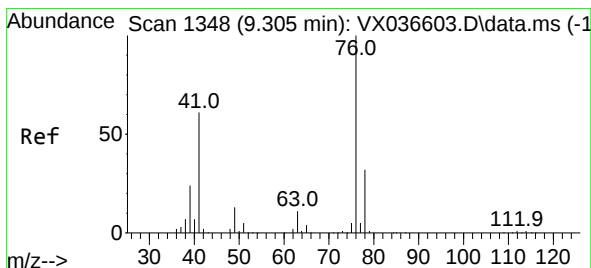
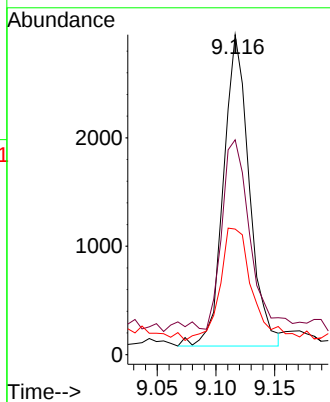
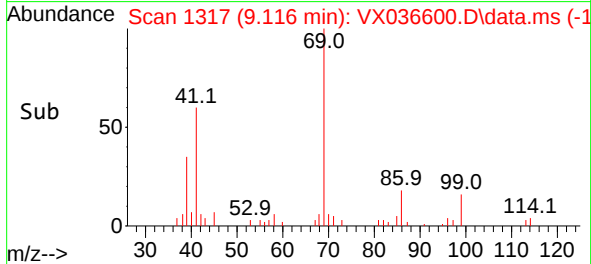
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



Tgt Ion: 69 Resp: 4390  
Ion Ratio Lower Upper  
69 100  
41 65.6 56.8 85.2  
39 46.1 32.0 48.0

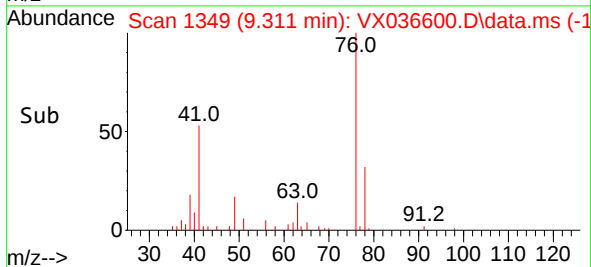
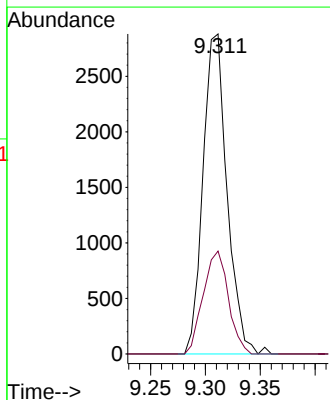
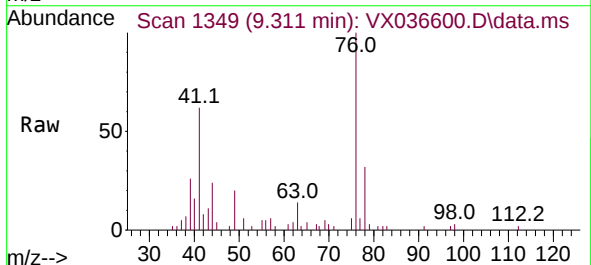
Manual Integrations  
APPROVED

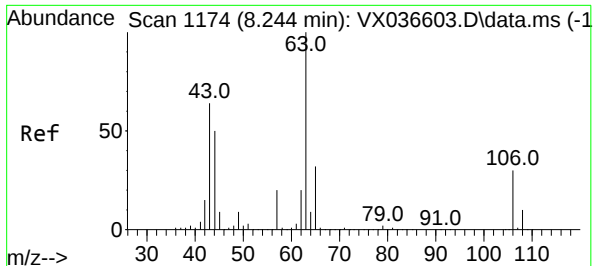
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#57  
1,3-Dichloropropane  
Concen: 1.021 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Tgt Ion: 76 Resp: 4404  
Ion Ratio Lower Upper  
76 100  
78 33.6 26.1 39.1





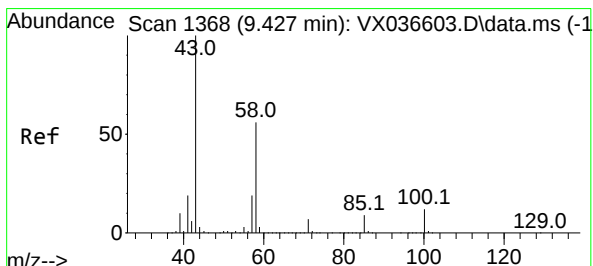
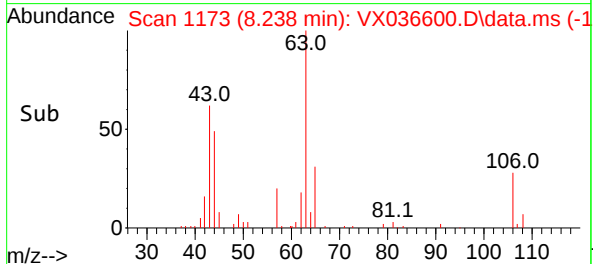
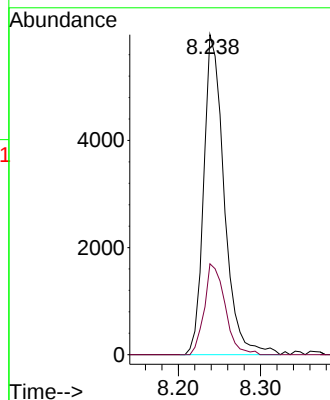
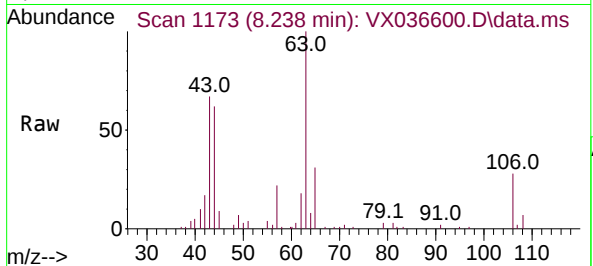
#58  
2-Chloroethyl Vinyl ether  
Concen: 4.968 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. -0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 63 Resp: 1033  
Ion Ratio Lower Upper  
63 100  
106 28.7 22.5 33.7

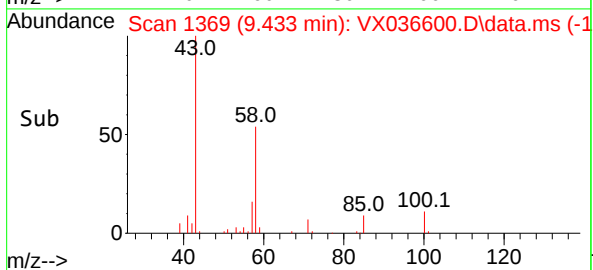
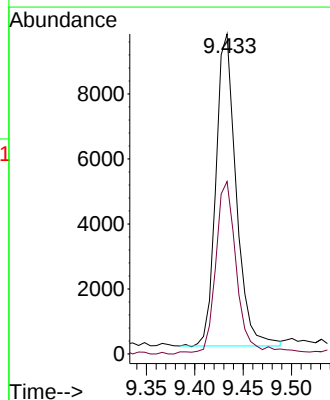
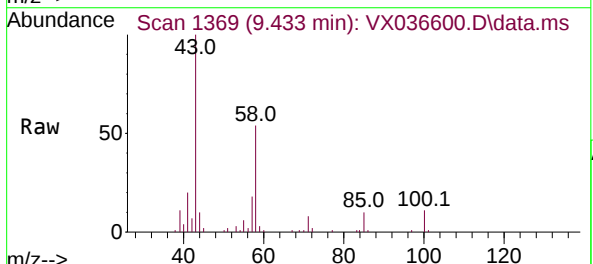
Manual Integrations  
APPROVED

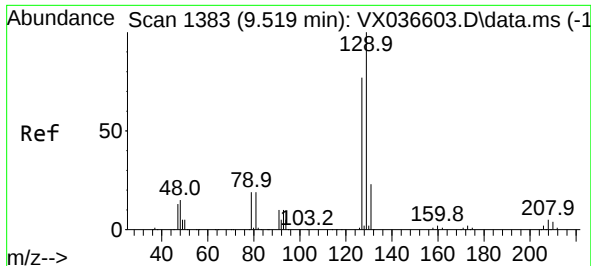
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#59  
2-Hexanone  
Concen: 5.329 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Tgt Ion: 43 Resp: 13986  
Ion Ratio Lower Upper  
43 100  
58 58.1 26.2 78.5





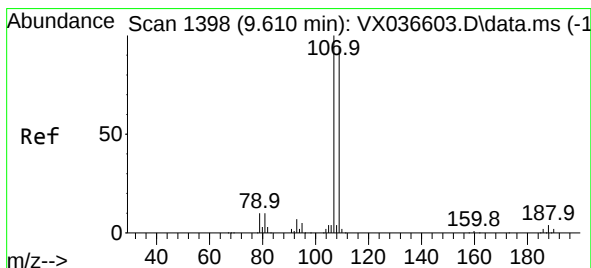
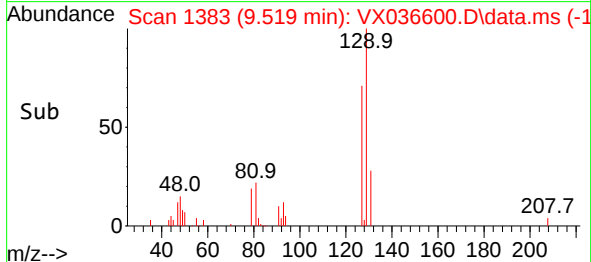
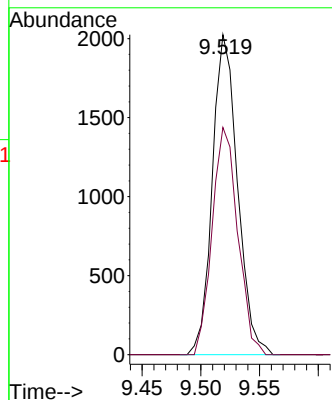
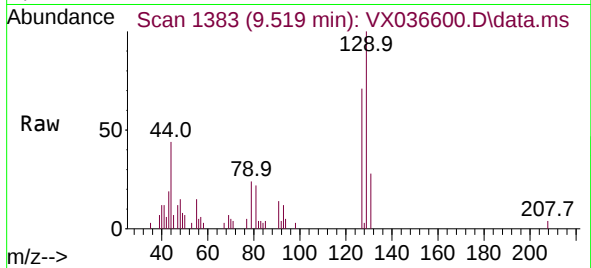
#60  
Dibromochloromethane  
Concen: 1.208 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion:129 Resp: 302  
Ion Ratio Lower Upper  
129 100  
127 72.1 38.8 116.4

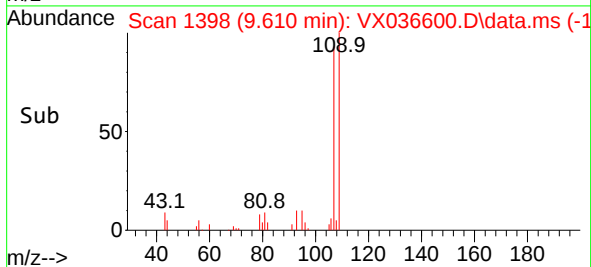
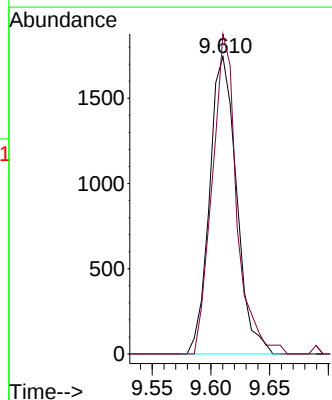
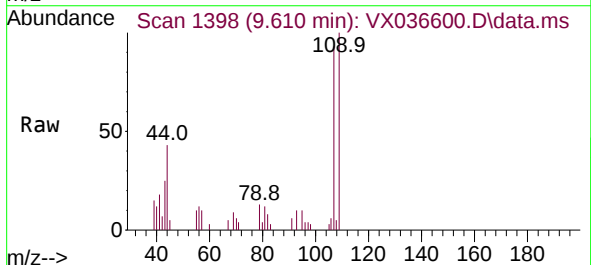
Manual Integrations  
APPROVED

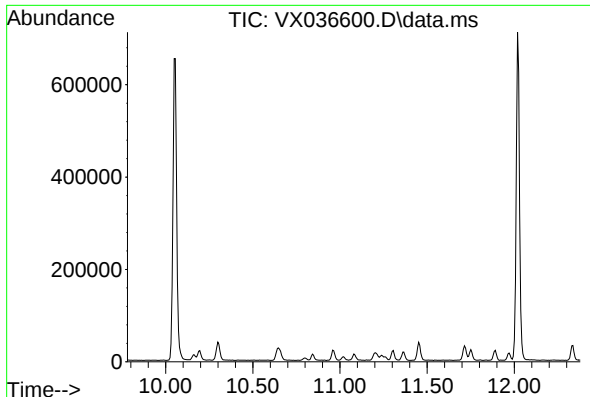
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#61  
1,2-Dibromoethane  
Concen: 1.048 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Tgt Ion:107 Resp: 2793  
Ion Ratio Lower Upper  
107 100  
109 97.9 75.2 112.8





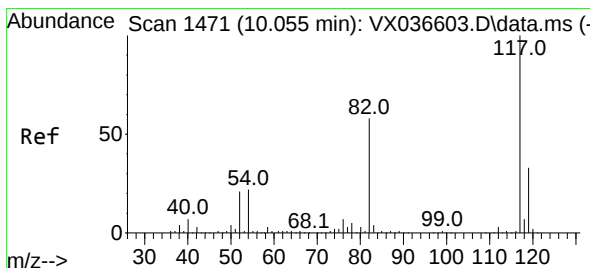
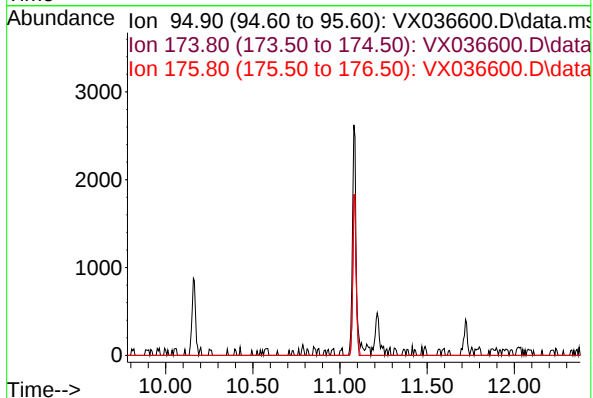
#62  
 4-Bromofluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 11.08 min  
 Lab File: VX036600.D  
 Acq: 21 Jul 2023 09:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Tgt Ion: 95  
 Sig Exp Ratio  
 95 100  
 174 67.8  
 176 65.5

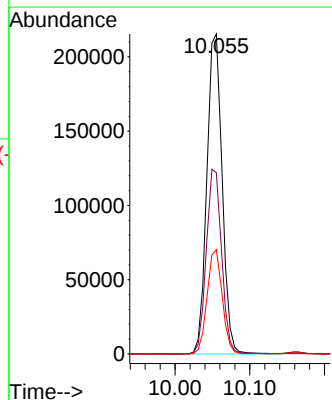
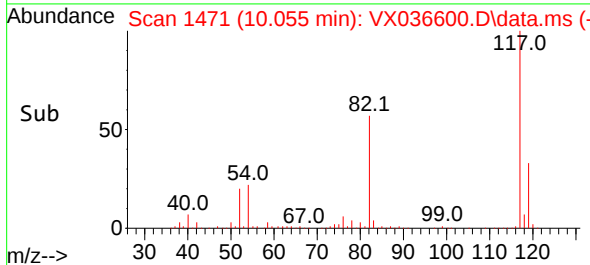
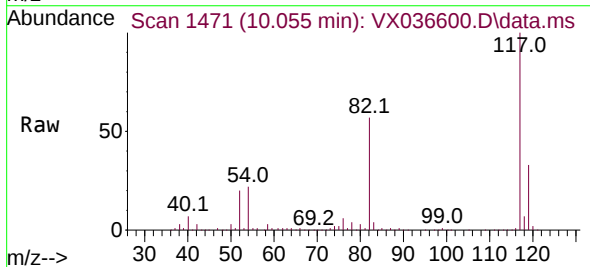
Manual Integrations  
 APPROVED

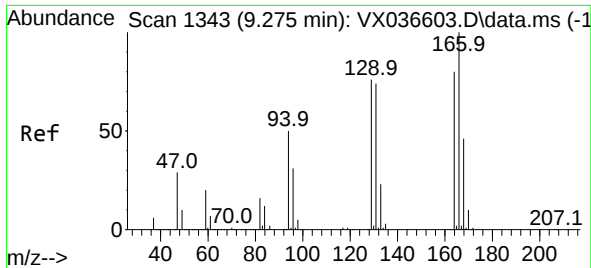
Reviewed By :John Carlone 07/24/2023  
 Supervised By :Mahesh Dadoda 07/24/2023



#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.055 min Scan# 1471  
 Delta R.T. 0.000 min  
 Lab File: VX036600.D  
 Acq: 21 Jul 2023 09:46

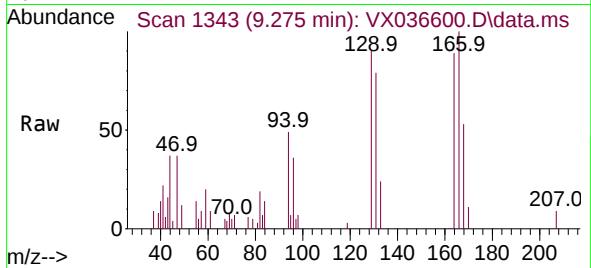
Tgt Ion:117 Resp: 306073  
 Ion Ratio Lower Upper  
 117 100  
 82 56.7 46.2 69.4  
 119 32.6 25.5 38.3





#64  
Tetrachloroethene  
Concen: 1.074 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

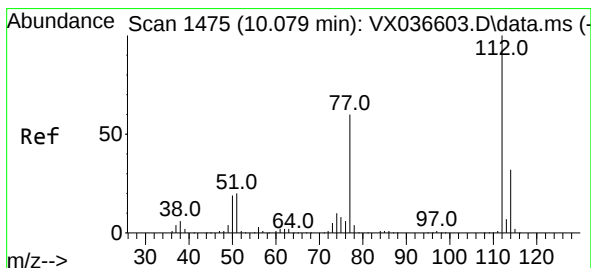
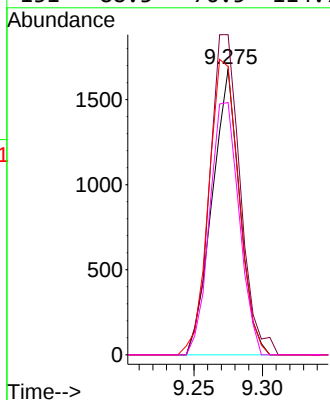
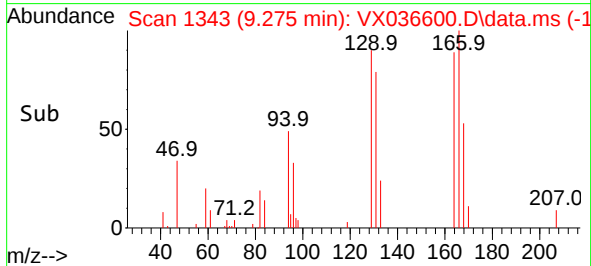
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



Tgt Ion:164 Resp: 2350  
Ion Ratio Lower Upper  
164 100  
166 112.1 102.7 154.1  
129 101.0 80.4 120.6  
131 88.3 76.5 114.7

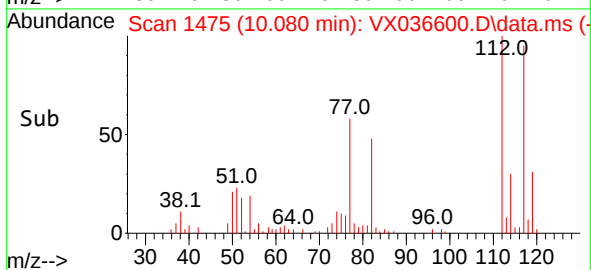
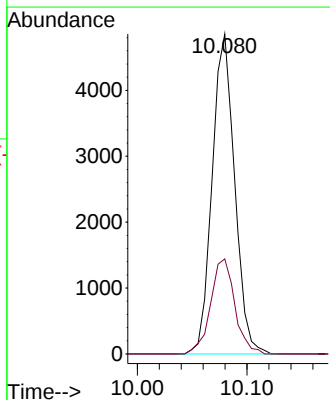
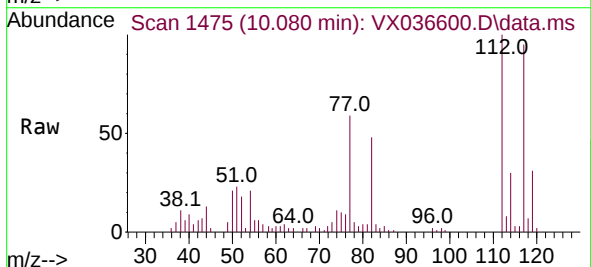
Manual Integrations  
APPROVED

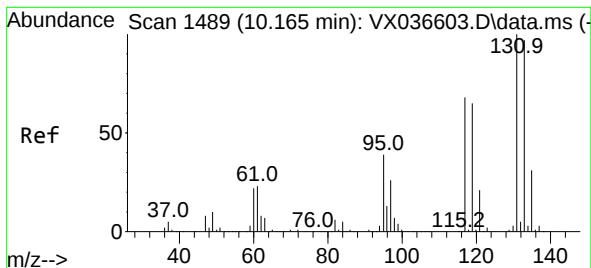
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#65  
Chlorobenzene  
Concen: 1.064 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

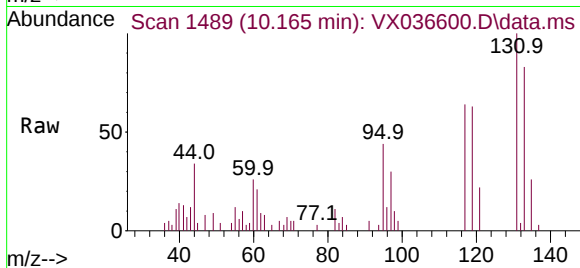
Tgt Ion:112 Resp: 6915  
Ion Ratio Lower Upper  
112 100  
114 29.7 25.7 38.5





#66  
1,1,1,2-Tetrachloroethane  
Concen: 1.140 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

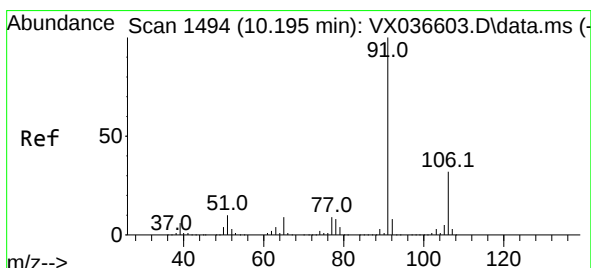
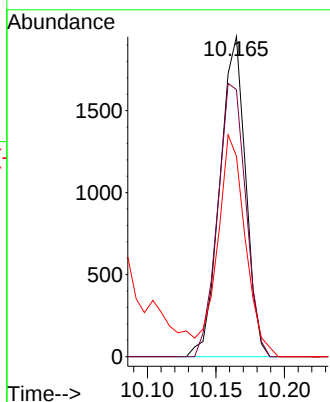
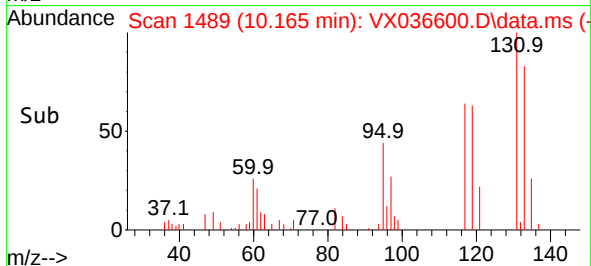
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



Tgt Ion:131 Resp: 255  
Ion Ratio Lower Upper  
131 100  
133 93.0 47.1 141.4  
119 0.0 32.2 96.6

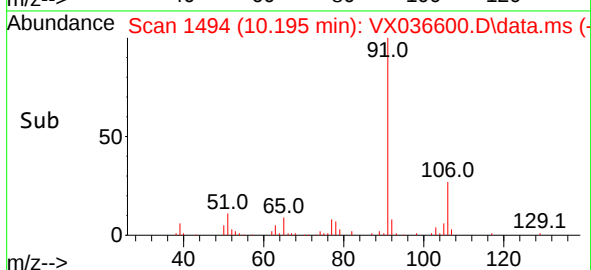
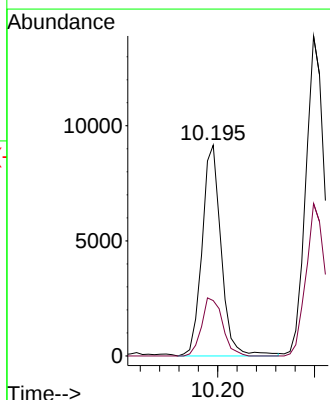
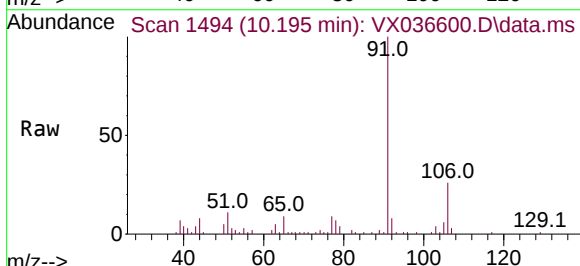
Manual Integrations  
APPROVED

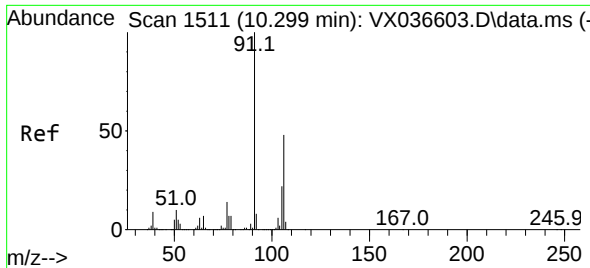
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#67  
Ethyl Benzene  
Concen: 1.085 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

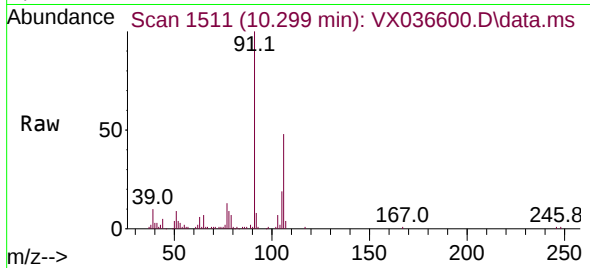
Tgt Ion: 91 Resp: 12591  
Ion Ratio Lower Upper  
91 100  
106 26.3 24.9 37.3





#68  
m/p-Xylenes  
Concen: 2.038 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

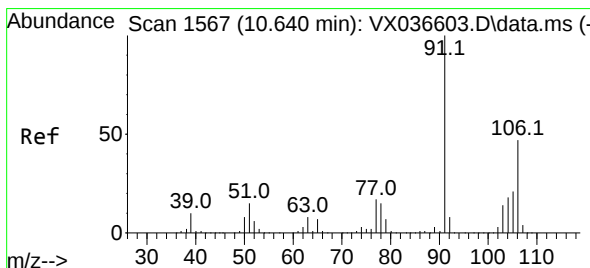
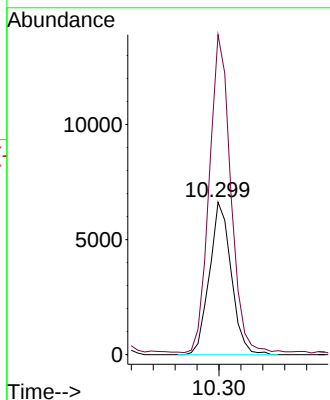
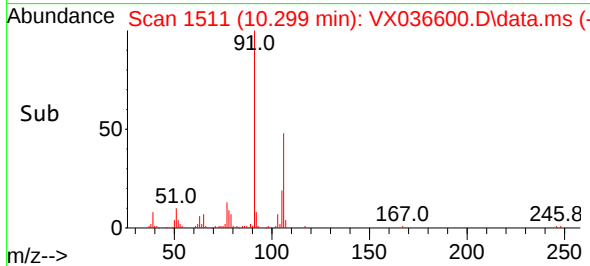
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



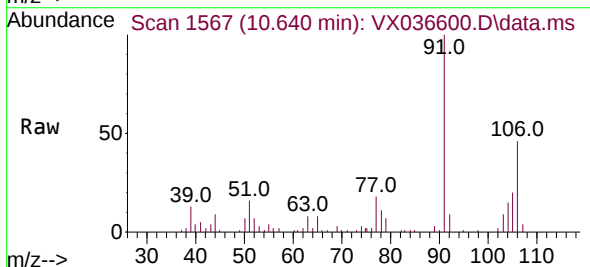
Tgt Ion:106 Resp: 914  
Ion Ratio Lower Upper  
106 100  
91 208.0 165.5 248.3

Manual Integrations  
APPROVED

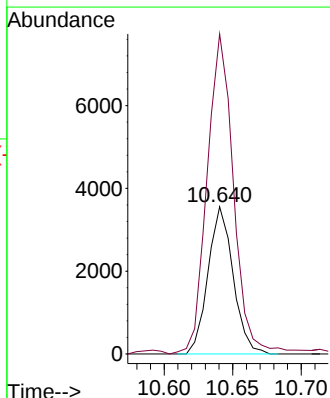
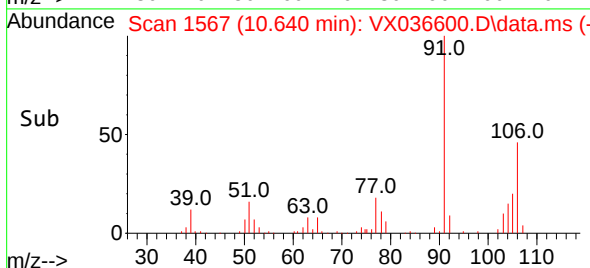
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023

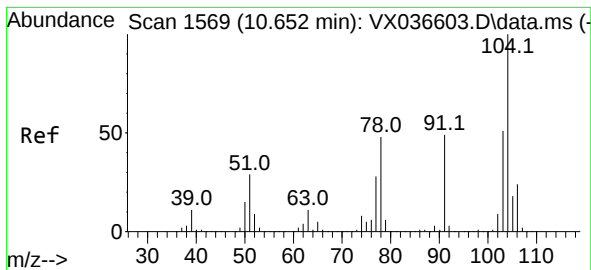


#69  
o-Xylene  
Concen: 1.035 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46



Tgt Ion:106 Resp: 4525  
Ion Ratio Lower Upper  
106 100  
91 230.5 108.9 326.8





#70

Styrene

Concen: 1.043 ug/l

RT: 10.659 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

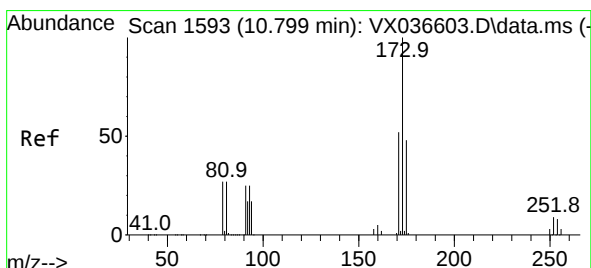
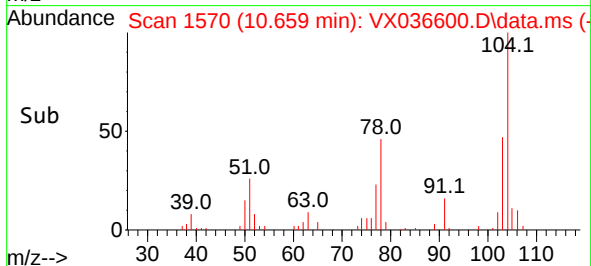
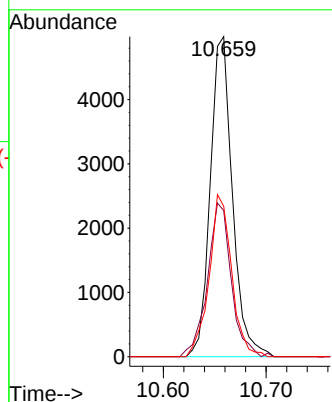
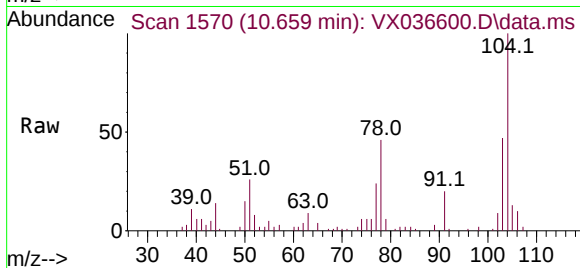
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 104   | Resp: | 746  |
| Ion Ratio | Lower | Upper |      |
| 104       | 100   |       |      |
| 78        | 51.7  | 43.6  | 65.4 |
| 103       | 51.4  | 43.6  | 65.4 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#71

Bromoform

Concen: 1.211 ug/l

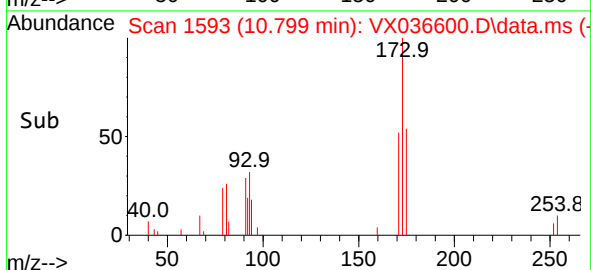
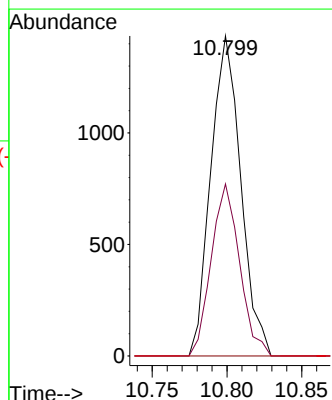
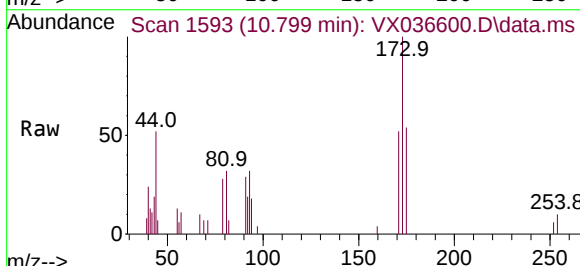
RT: 10.799 min Scan# 1593

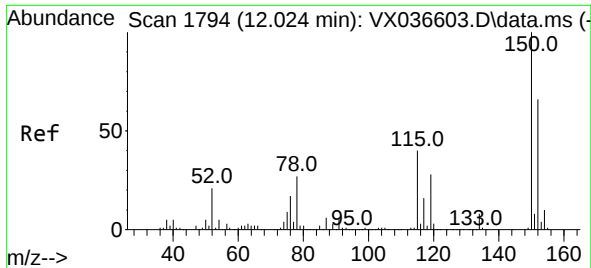
Delta R.T. 0.000 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

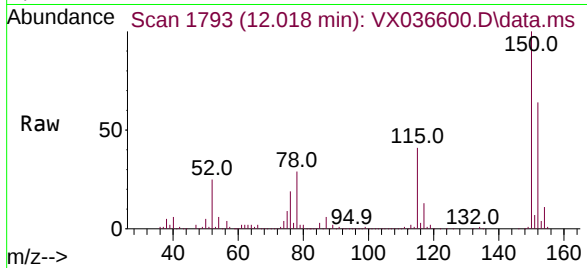
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 173   | Resp: | 2001 |
| Ion Ratio | Lower | Upper |      |
| 173       | 100   |       |      |
| 175       | 50.8  | 24.1  | 72.4 |
| 254       | 0.0   | 0.0   | 0.0  |





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1794  
Delta R.T. -0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

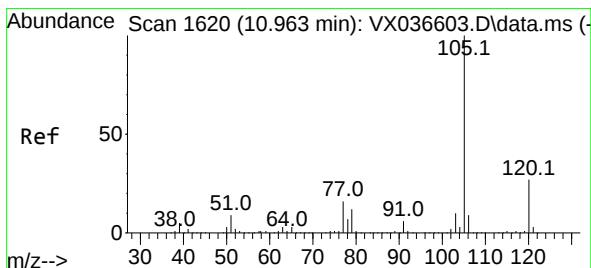
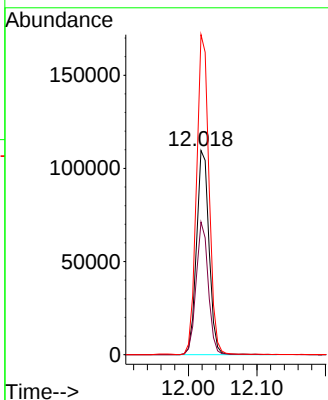
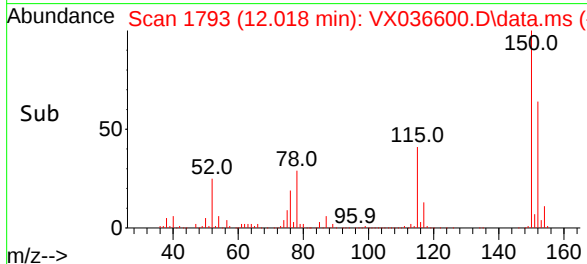
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001



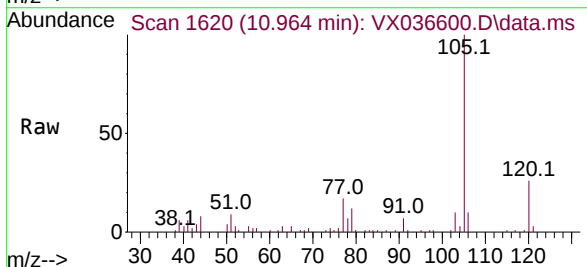
Tgt Ion:152 Resp: 13923  
Ion Ratio Lower Upper  
152 100  
115 63.3 43.3 129.9  
150 157.1 0.0 345.0

Manual Integrations  
APPROVED

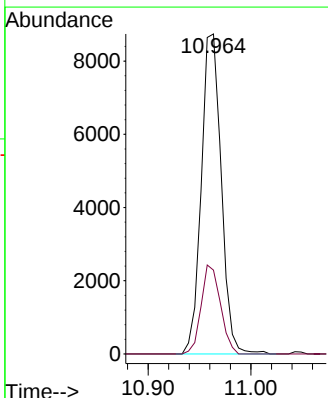
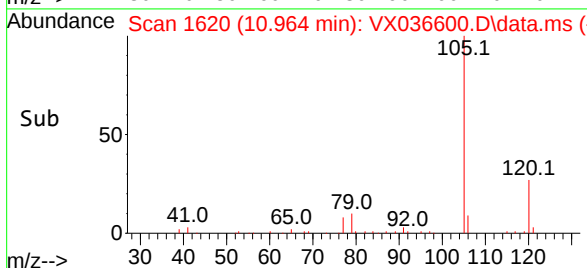
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023

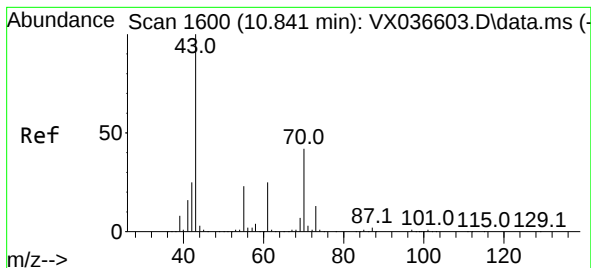


#73  
Isopropylbenzene  
Concen: 1.116 ug/l  
RT: 10.964 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46



Tgt Ion:105 Resp: 11804  
Ion Ratio Lower Upper  
105 100  
120 26.8 12.9 38.6





#74

N-amy1 acetate

Concen: 1.318 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 567

Ion Ratio Lower Upper

43 100

70 49.2 32.9 49.3

55 25.0 19.3 28.9

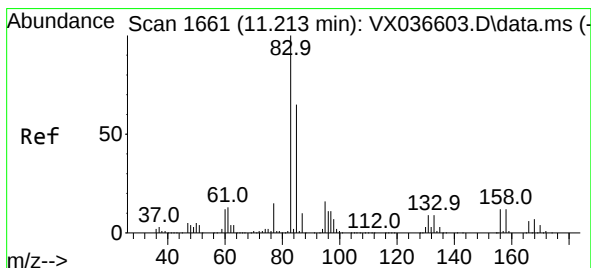
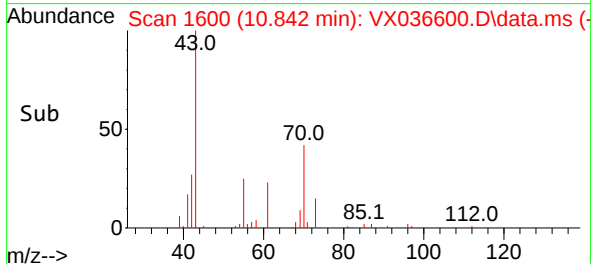
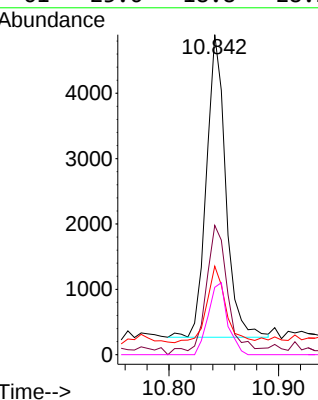
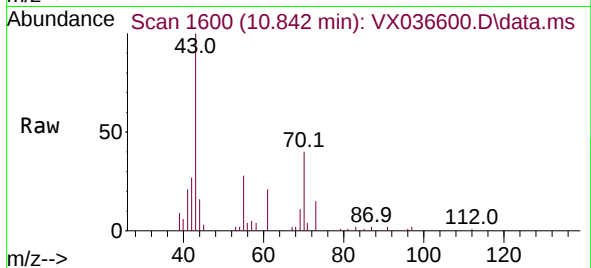
61 23.6 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#75

1,1,2,2-Tetrachloroethane

Concen: 1.257 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

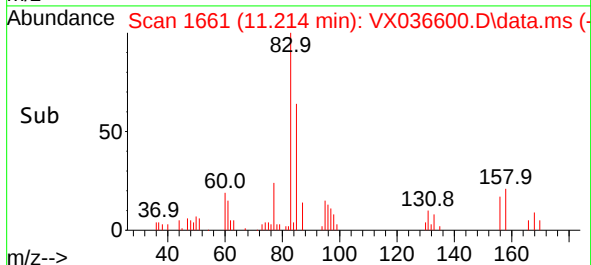
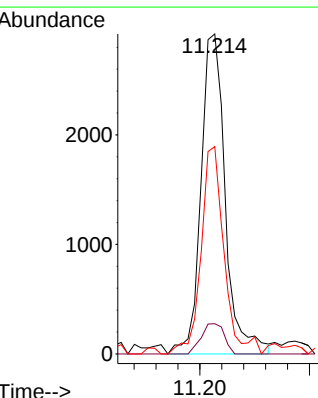
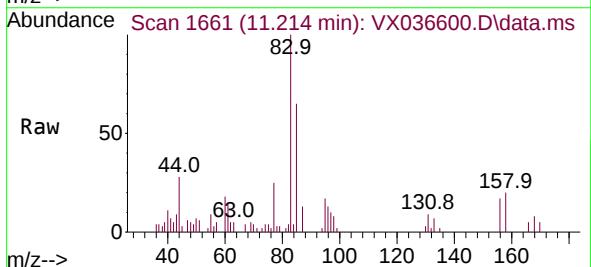
Tgt Ion: 83 Resp: 4507

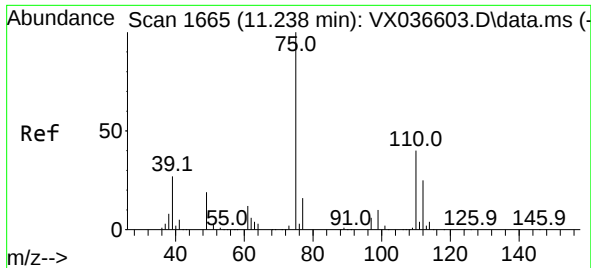
Ion Ratio Lower Upper

83 100

131 8.9 5.3 15.8

85 60.9 32.0 96.2





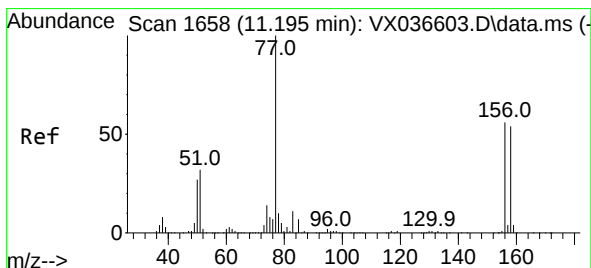
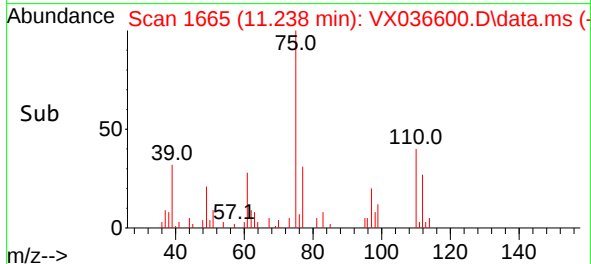
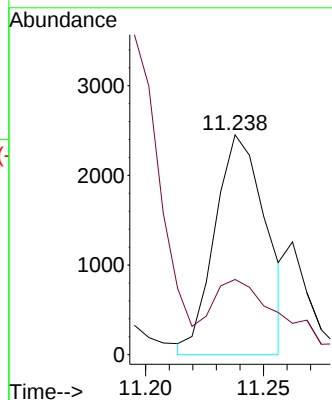
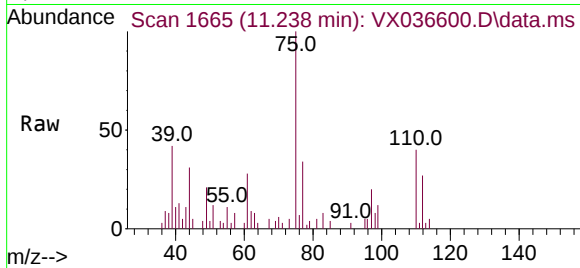
#76  
1,2,3-Trichloropropane  
Concen: 1.218 ug/l m  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICC001

Tgt Ion: 75 Resp: 368  
Ion Ratio Lower Upper  
75 100  
77 44.5 19.1 57.5

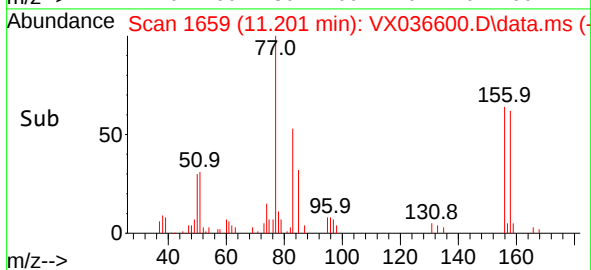
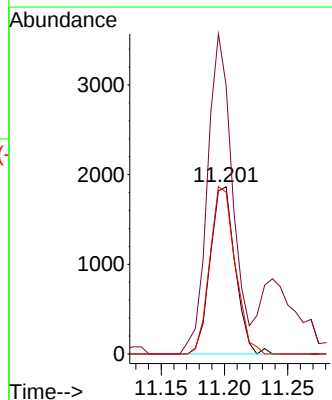
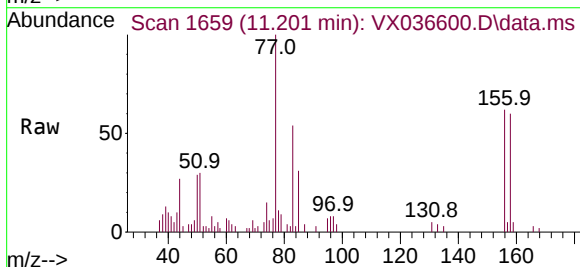
Manual Integrations  
APPROVED

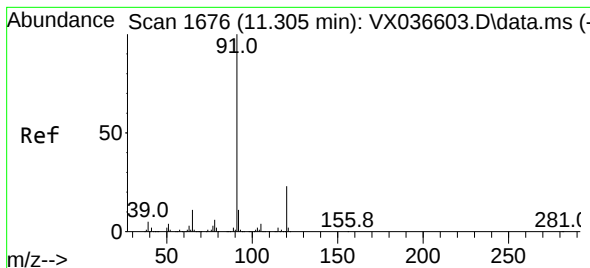
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#77  
Bromobenzene  
Concen: 0.982 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

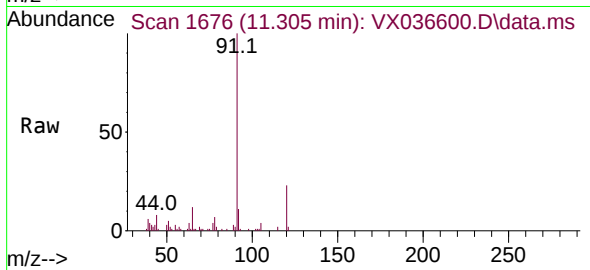
Tgt Ion:156 Resp: 2545  
Ion Ratio Lower Upper  
156 100  
77 191.8 88.4 265.3  
158 102.4 48.0 144.0





#78  
n-propylbenzene  
Concen: 1.080 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

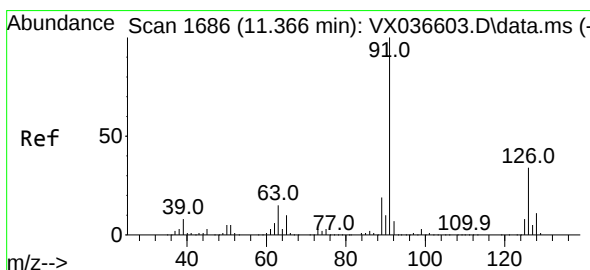
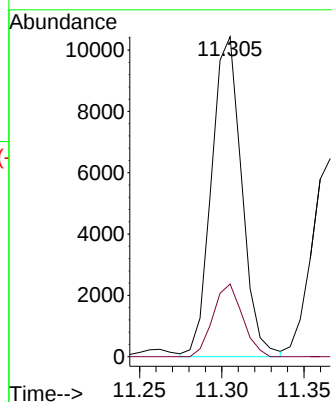
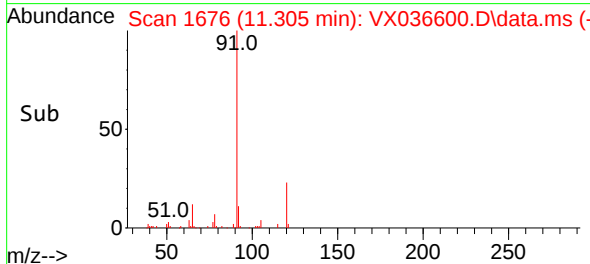
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



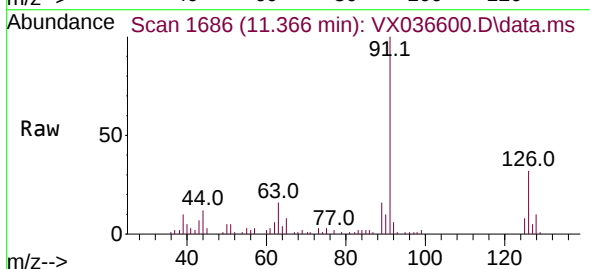
Tgt Ion: 91 Resp: 1336  
Ion Ratio Lower Upper  
91 100  
120 22.1 11.5 34.4

Manual Integrations  
APPROVED

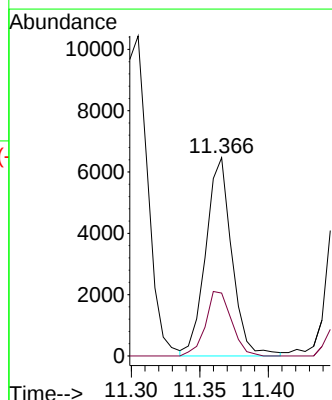
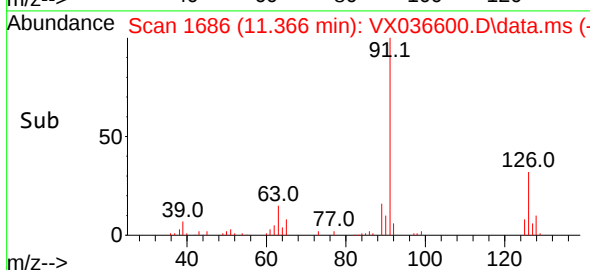
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023

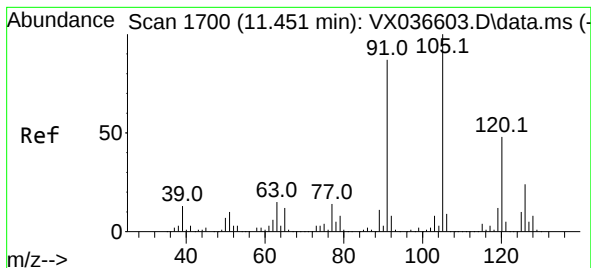


#79  
2-Chlorotoluene  
Concen: 1.162 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46



Tgt Ion: 91 Resp: 8579  
Ion Ratio Lower Upper  
91 100  
126 32.3 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 1.093 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 9800

Ion Ratio Lower Upper

105 100

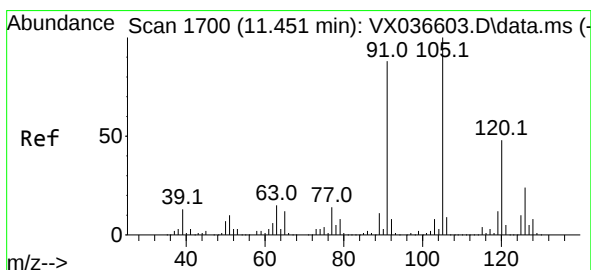
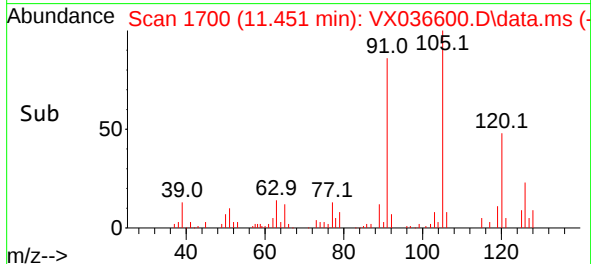
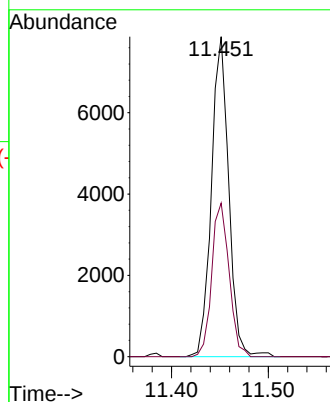
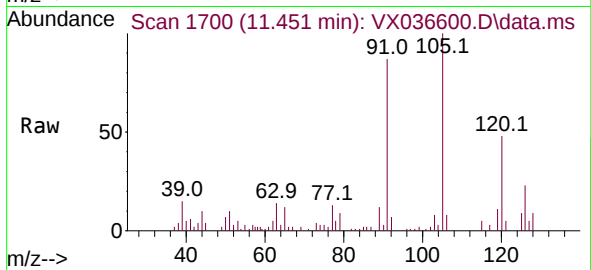
120 48.0 24.1 72.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#82

4-Chlorotoluene

Concen: 1.141 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036600.D

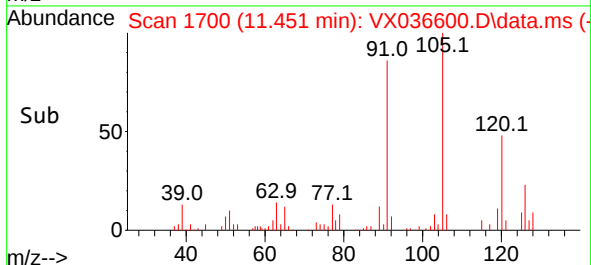
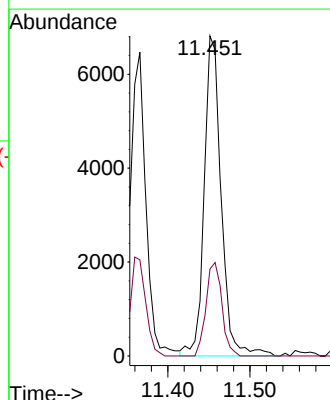
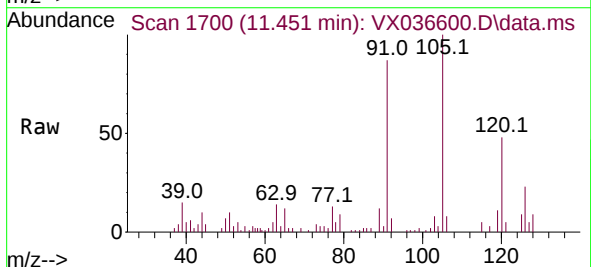
Acq: 21 Jul 2023 09:46

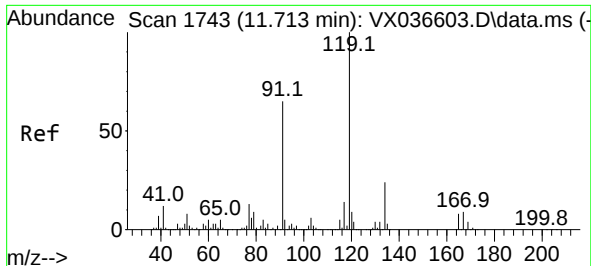
Tgt Ion: 91 Resp: 9773

Ion Ratio Lower Upper

91 100

126 27.3 14.2 42.6





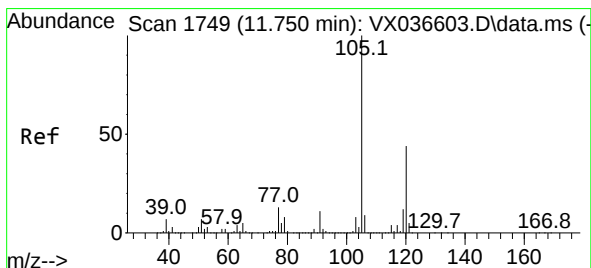
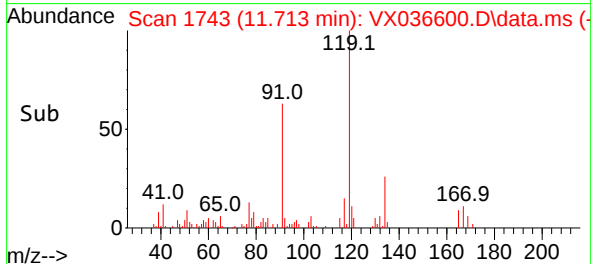
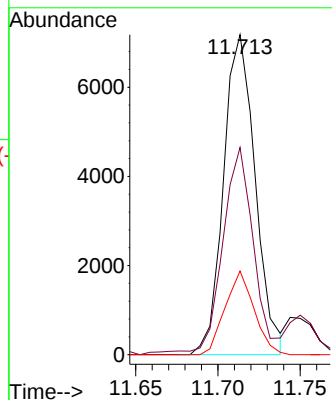
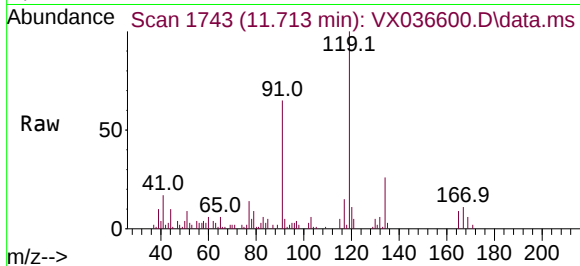
#83  
tert-Butylbenzene  
Concen: 1.117 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion:119 Resp: 9632  
Ion Ratio Lower Upper  
119 100  
91 63.5 31.2 93.6  
134 23.9 11.7 35.0

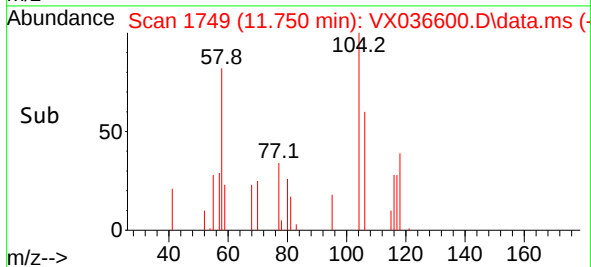
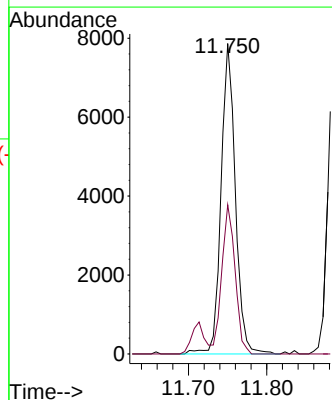
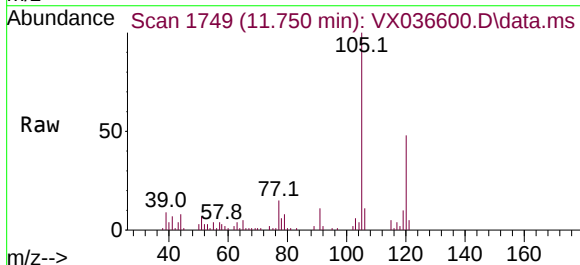
Manual Integrations  
APPROVED

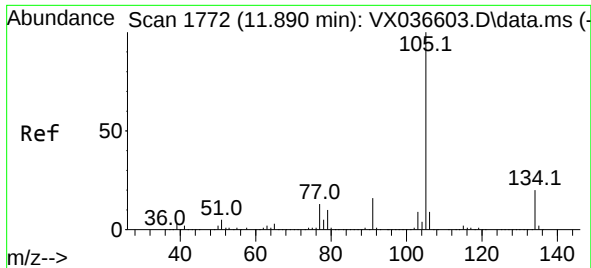
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#84  
1,2,4-Trimethylbenzene  
Concen: 1.126 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Tgt Ion:105 Resp: 10008  
Ion Ratio Lower Upper  
105 100  
120 45.1 21.2 63.6





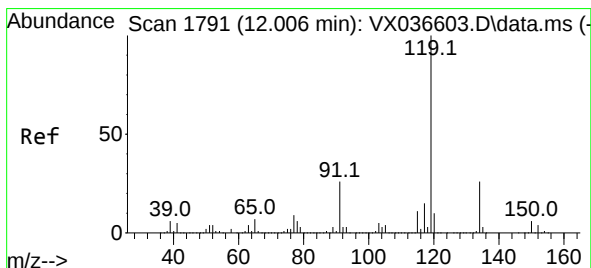
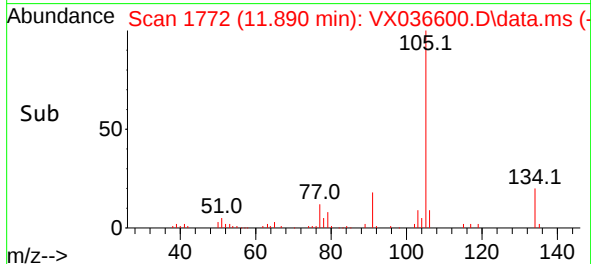
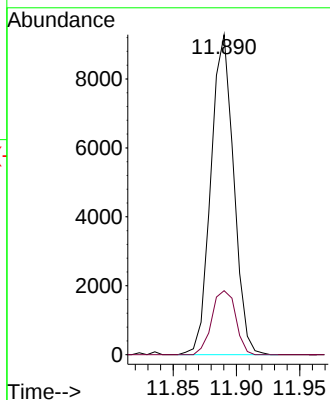
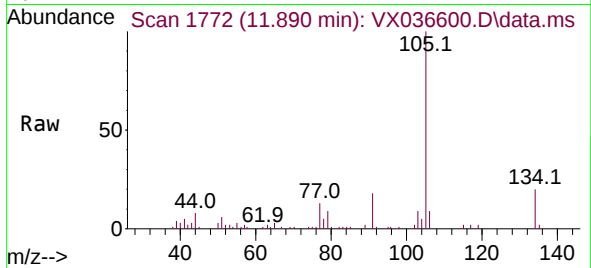
#85  
 sec-Butylbenzene  
 Concen: 1.068 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX036600.D  
 Acq: 21 Jul 2023 09:46

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDIC001

Tgt Ion:105 Resp: 1165  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 9.8 29.4

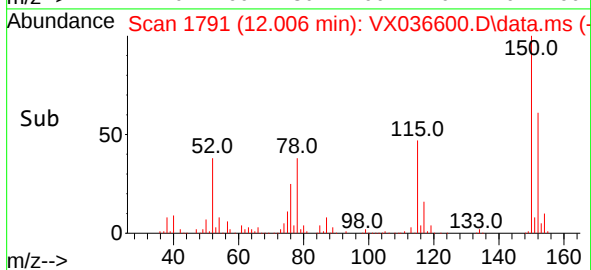
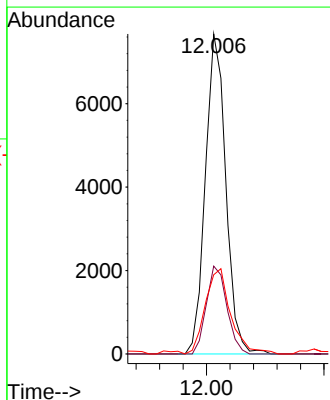
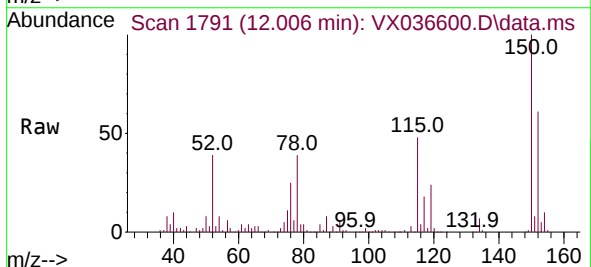
Manual Integrations  
 APPROVED

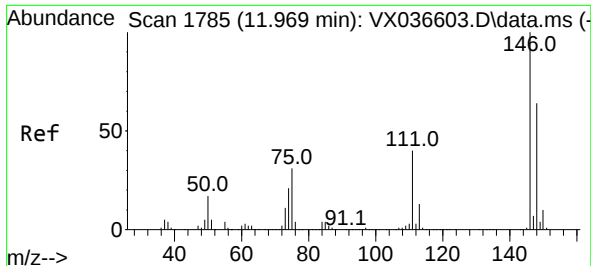
Reviewed By :John Carlone 07/24/2023  
 Supervised By :Mahesh Dadoda 07/24/2023



#86  
 p-Isopropyltoluene  
 Concen: 1.014 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX036600.D  
 Acq: 21 Jul 2023 09:46

Tgt Ion:119 Resp: 9272  
 Ion Ratio Lower Upper  
 119 100  
 134 27.6 12.8 38.3  
 91 33.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 1.002 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICC001

Tgt Ion:146 Resp: 477

Ion Ratio Lower Upper

146 100

111 44.8 22.1 66.1

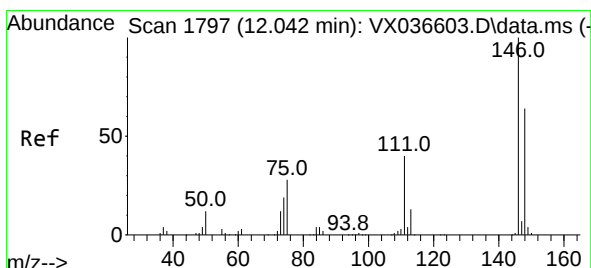
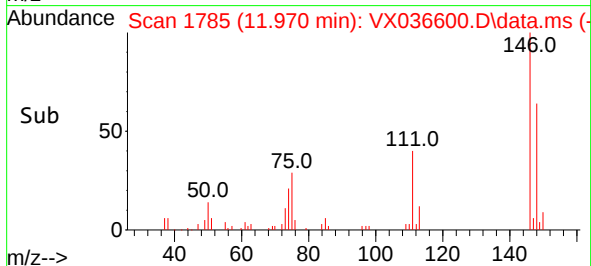
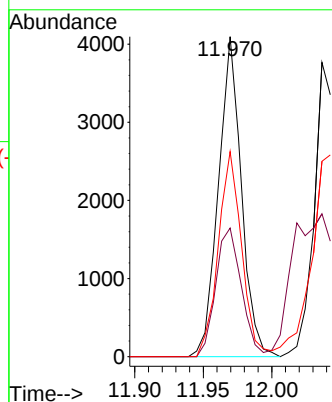
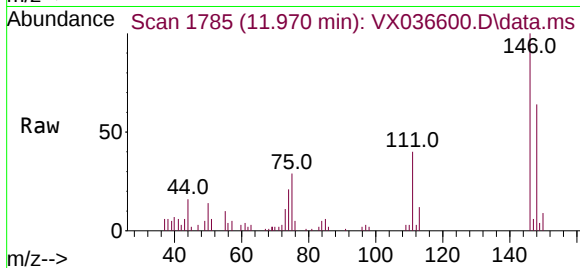
148 65.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#88

1,4-Dichlorobenzene

Concen: 0.962 ug/l m

RT: 12.037 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

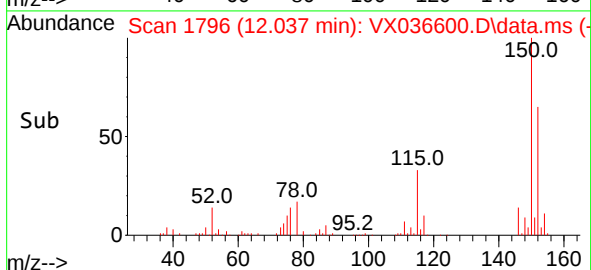
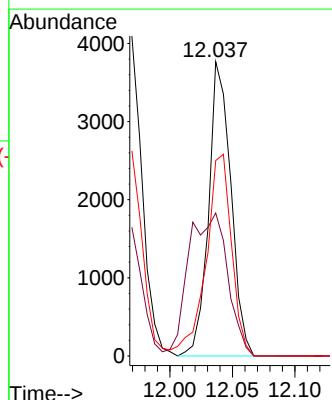
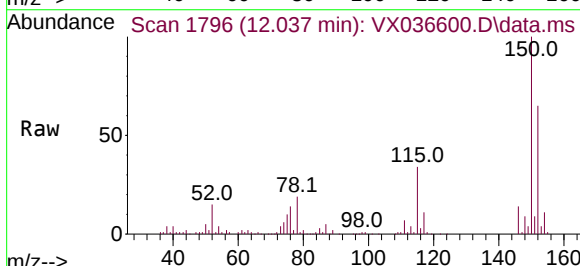
Tgt Ion:146 Resp: 4661

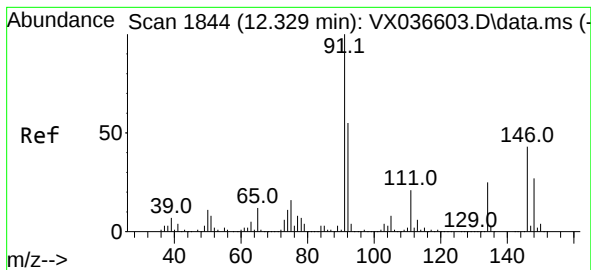
Ion Ratio Lower Upper

146 100

111 45.8 21.3 63.7

148 66.9 31.8 95.4





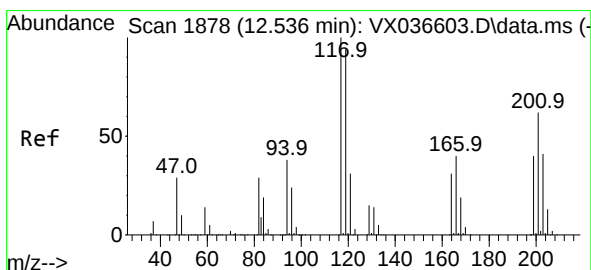
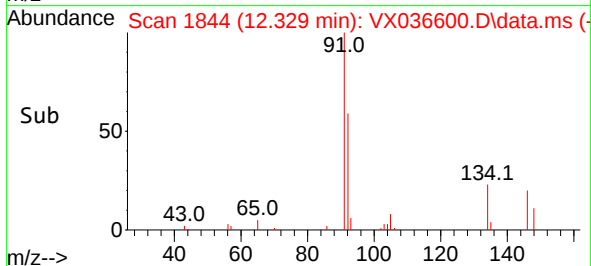
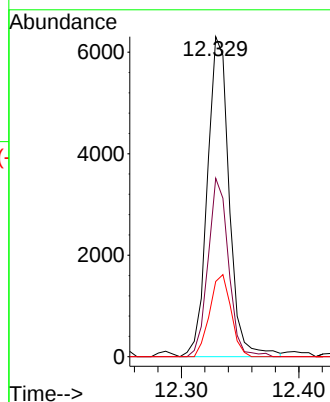
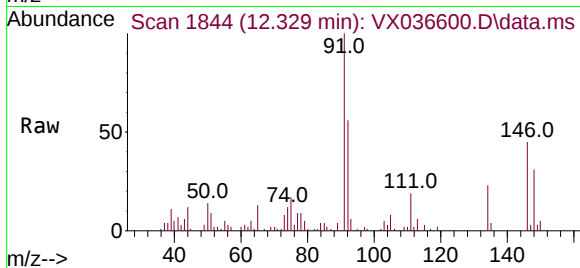
#89  
n-Butylbenzene  
Concen: 0.998 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion: 91 Resp: 813  
Ion Ratio Lower Upper  
91 100  
92 52.2 27.4 82.0  
134 25.0 12.6 37.8

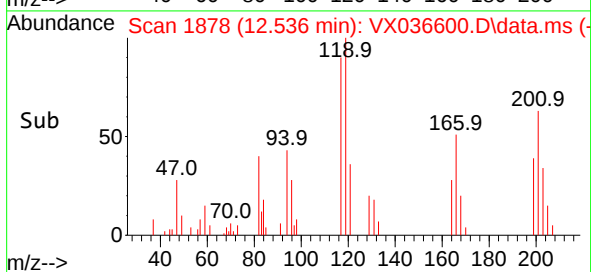
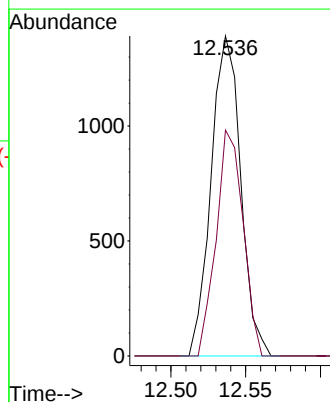
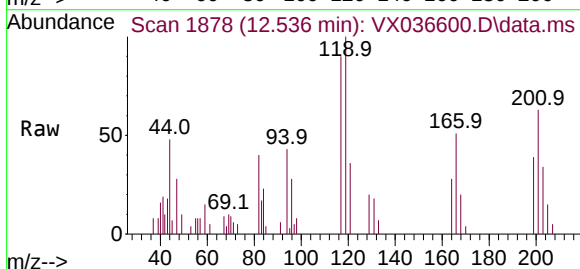
Manual Integrations  
APPROVED

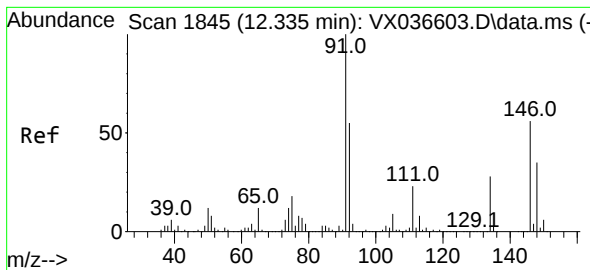
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#90  
Hexachloroethane  
Concen: 1.312 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

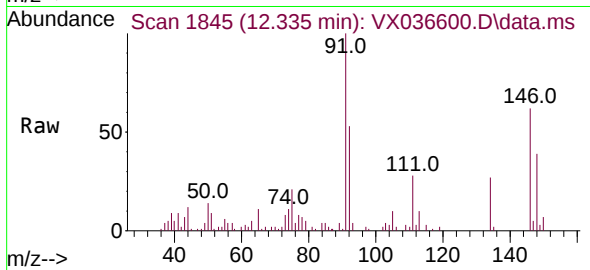
Tgt Ion:117 Resp: 1917  
Ion Ratio Lower Upper  
117 100  
201 64.1 32.9 98.6





#91  
1,2-Dichlorobenzene  
Concen: 1.017 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

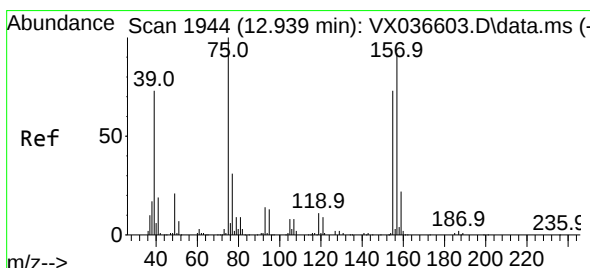
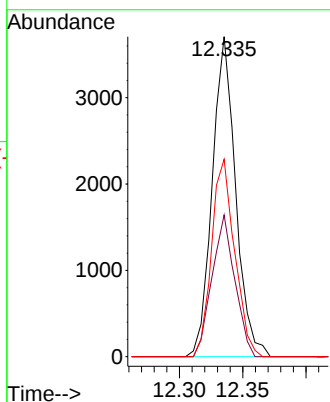
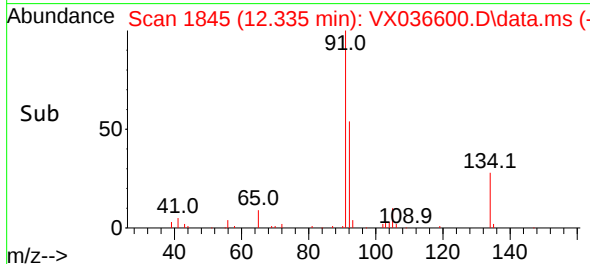
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001



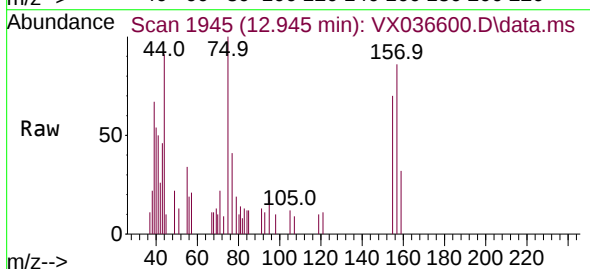
Tgt Ion:146 Resp: 4758  
Ion Ratio Lower Upper  
146 100  
111 43.1 22.4 67.0  
148 60.8 31.6 95.0

Manual Integrations  
APPROVED

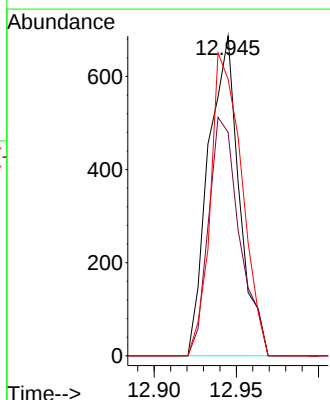
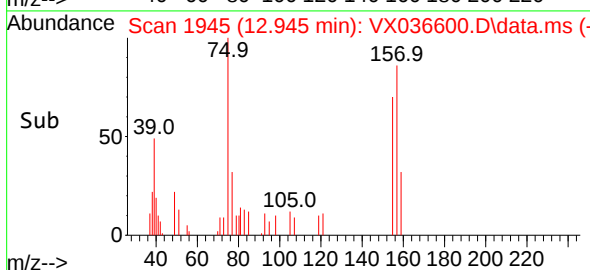
Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023

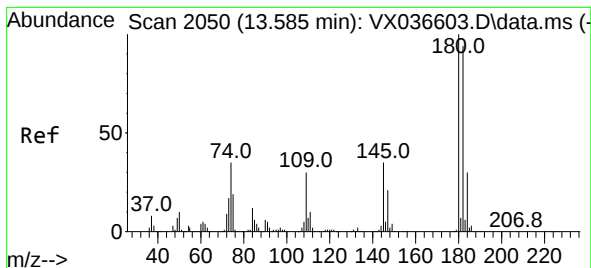


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 1.279 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46



Tgt Ion: 75 Resp: 899  
Ion Ratio Lower Upper  
75 100  
155 75.1 36.1 108.5  
157 95.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.899 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

Instrument :

MSVOA\_X

ClientSampleId :

VSTDIC001

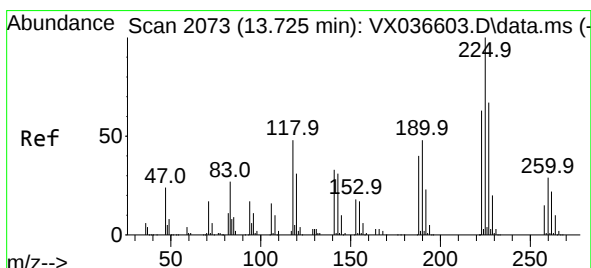
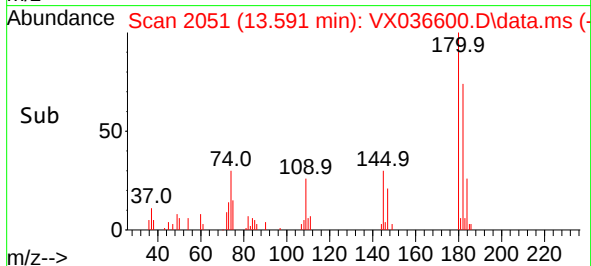
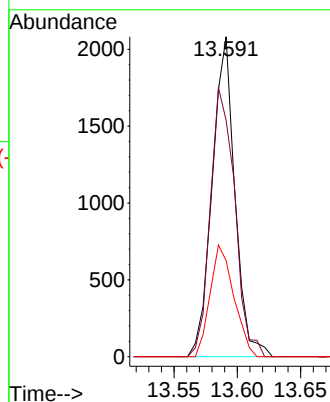
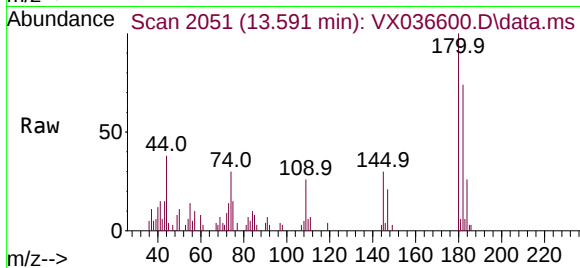
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 2590       |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 90.8  | 48.3 144.8 |
| 145         | 36.6  | 18.0 54.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#94

Hexachlorobutadiene

Concen: 1.004 ug/l

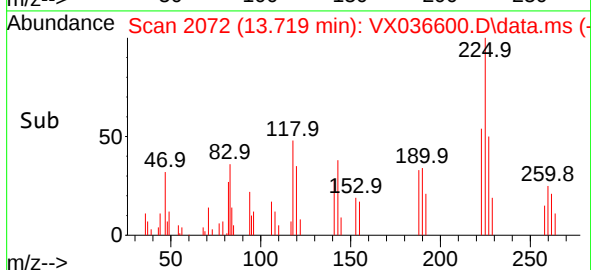
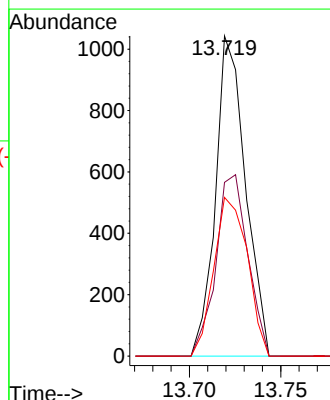
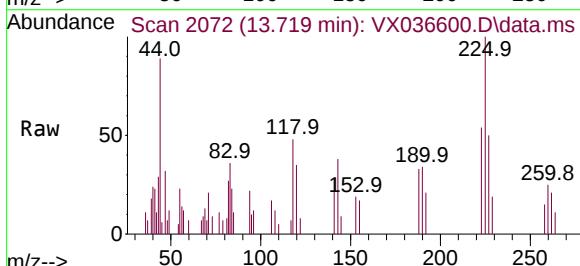
RT: 13.719 min Scan# 2072

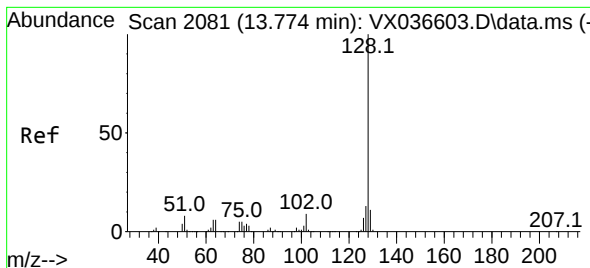
Delta R.T. -0.006 min

Lab File: VX036600.D

Acq: 21 Jul 2023 09:46

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 1189      |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 60.4  | 31.1 93.2 |
| 227         | 55.4  | 32.5 97.5 |





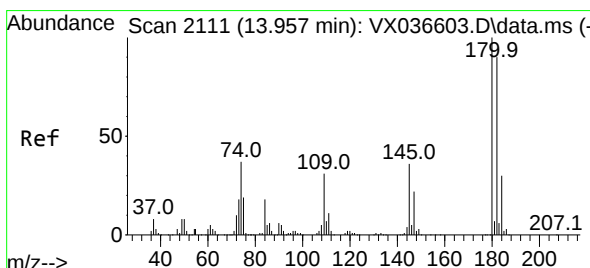
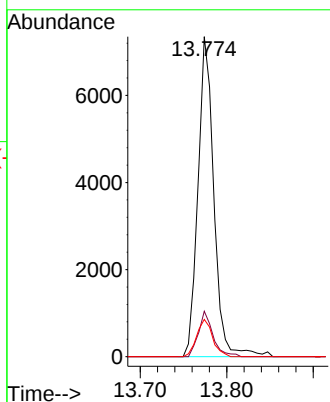
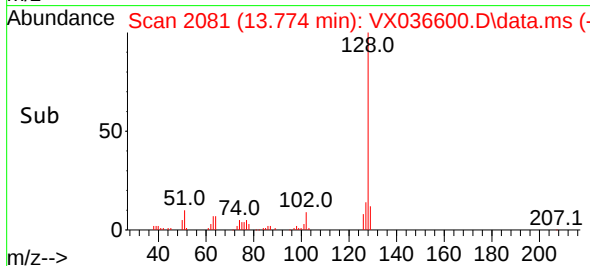
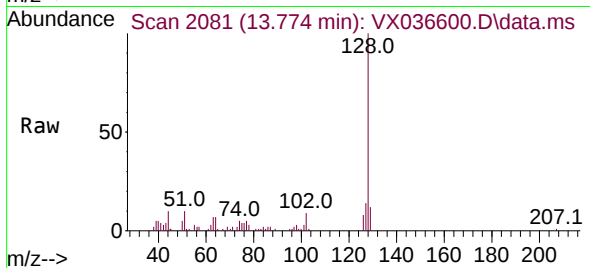
#95  
Naphthalene  
Concen: 0.983 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDIC001

Tgt Ion:128 Resp: 938  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 11.6 8.8 13.2

Manual Integrations  
APPROVED

Reviewed By :John Carlone 07/24/2023  
Supervised By :Mahesh Dadoda 07/24/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 0.921 ug/l  
RT: 13.957 min Scan# 2111  
Delta R.T. 0.000 min  
Lab File: VX036600.D  
Acq: 21 Jul 2023 09:46

Tgt Ion:180 Resp: 2585  
Ion Ratio Lower Upper  
180 100  
182 95.9 46.9 140.6  
145 37.0 17.8 53.5

