

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX083123\  
 Data File : VX037431.D  
 Acq On : 31 Aug 2023 15:29  
 Operator : JC/MD  
 Sample : VX0831WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0831WBSD01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 09/01/2023  
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Sep 01 03:12:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 5.550          | 168  | 126763              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 219104              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 204259              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 108467              | 50.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952          | 65   | 92418               | 50.570  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = 101.140% |         |        |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 78778               | 54.289  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 108.580% |         |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 271367              | 51.555  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = 103.120% |         |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 113803              | 55.017  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 110.040% |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 26989               | 18.329  | ug/l   | 99       |
| 3) Chloromethane             | 1.301          | 50   | 26329               | 20.438  | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.374          | 62   | 26273               | 18.737  | ug/l   | 96       |
| 5) Bromomethane              | 1.599          | 94   | 15027               | 21.514  | ug/l   | 96       |
| 6) Chloroethane              | 1.678          | 64   | 17906               | 21.700  | ug/l   | 94       |
| 7) Trichlorofluoromethane    | 1.886          | 101  | 41080               | 17.884  | ug/l   | 98       |
| 8) Diethyl Ether             | 2.130          | 74   | 17388               | 19.566  | ug/l   | 78       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325          | 101  | 25353               | 18.920  | ug/l   | 97       |
| 10) Methyl Iodide            | 2.447          | 142  | 28358               | 17.412  | ug/l   | 93       |
| 11) Tert butyl alcohol       | 2.959          | 59   | 40190               | 93.750  | ug/l # | 93       |
| 12) 1,1-Dichloroethene       | 2.313          | 96   | 23283               | 17.843  | ug/l   | 86       |
| 13) Acrolein                 | 2.233          | 56   | 23114               | 70.875  | ug/l   | 97       |
| 14) Allyl chloride           | 2.660          | 41   | 36396               | 18.020  | ug/l # | 91       |
| 15) Acrylonitrile            | 3.062          | 53   | 78258               | 102.276 | ug/l   | 99       |
| 16) Acetone                  | 2.380          | 43   | 72118               | 100.873 | ug/l # | 87       |
| 17) Carbon Disulfide         | 2.508          | 76   | 52390               | 15.784  | ug/l   | 99       |
| 18) Methyl Acetate           | 2.703          | 43   | 52779               | 19.607  | ug/l # | 87       |
| 19) Methyl tert-butyl Ether  | 3.111          | 73   | 93895               | 18.973  | ug/l   | 98       |
| 20) Methylene Chloride       | 2.788          | 84   | 32577               | 20.376  | ug/l # | 82       |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 26735               | 18.023  | ug/l   | 84       |
| 22) Diisopropyl ether        | 3.763          | 45   | 78687               | 18.985  | ug/l # | 83       |
| 23) Vinyl Acetate            | 3.721          | 43   | 298521              | 93.991  | ug/l # | 90       |
| 24) 1,1-Dichloroethane       | 3.611          | 63   | 48673               | 18.727  | ug/l   | 97       |
| 25) 2-Butanone               | 4.556          | 43   | 103775              | 96.401  | ug/l # | 86       |
| 26) 2,2-Dichloropropane      | 4.471          | 77   | 39658               | 17.086  | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 32623               | 18.655  | ug/l   | 89       |
| 28) Bromochloromethane       | 4.897          | 49   | 24060               | 20.723  | ug/l # | 73       |
| 29) Tetrahydrofuran          | 5.001          | 42   | 64682               | 94.219  | ug/l # | 82       |
| 30) Chloroform               | 5.093          | 83   | 54547               | 18.696  | ug/l   | 98       |
| 31) Cyclohexane              | 5.477          | 56   | 37429               | 18.215  | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 5.379          | 97   | 45730               | 17.491  | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 5.690          | 75   | 36265               | 17.591  | ug/l   | 97       |
| 37) Ethyl Acetate            | 4.708          | 43   | 39391               | 18.705  | ug/l # | 93       |
| 38) Carbon Tetrachloride     | 5.678          | 117  | 39313               | 17.555  | ug/l   | 97       |
| 39) Methylcyclohexane        | 7.379          | 83   | 44155               | 20.386  | ug/l   | 90       |
| 40) Benzene                  | 6.037          | 78   | 112840              | 19.085  | ug/l   | 100      |

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 Acq On : 31 Aug 2023 15:29  
 Operator : JC/MD  
 Sample : VX0831WBSD01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0831WBSD01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 09/01/2023  
 Supervised By : Mahesh Dadoda 09/01/2023

Quant Time: Sep 01 03:12:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 21764    | 19.880  | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 43018    | 18.553  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 62277    | 18.627  | ug/l # | 91       |
| 44) Trichloroethene           | 7.123  | 130  | 30366    | 18.112  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 28890    | 19.817  | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 22550    | 19.635  | ug/l   | 93       |
| 47) Bromodichloromethane      | 7.818  | 83   | 40718    | 18.510  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.696  | 41   | 30587    | 18.759  | ug/l # | 85       |
| 49) 1,4-Dioxane               | 7.659  | 88   | 18375    | 418.447 | ug/l # | 88       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 201803   | 99.400  | ug/l   | 89       |
| 52) Toluene                   | 8.720  | 92   | 73814    | 18.895  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 42129    | 17.987  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 46716    | 18.457  | ug/l # | 85       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 32459    | 20.405  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 48212    | 19.349  | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 54088    | 20.170  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.238  | 63   | 123421   | 103.217 | ug/l   | 93       |
| 59) 2-Hexanone                | 9.427  | 43   | 155446   | 100.418 | ug/l   | 88       |
| 60) Dibromochloromethane      | 9.519  | 129  | 32318    | 19.082  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 34116    | 19.588  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 24243    | 16.269  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 81252    | 18.821  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 29772    | 18.685  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 141100   | 18.575  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 110265   | 37.588  | ug/l   | 99       |
| 69) o-Xylene                  | 10.640 | 106  | 55946    | 19.330  | ug/l   | 98       |
| 70) Styrene                   | 10.652 | 104  | 91697    | 19.233  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 22296    | 18.707  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 144300   | 18.303  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 53010    | 17.304  | ug/l # | 87       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 52443    | 19.752  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 42816m   | 18.535  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 35912    | 18.651  | ug/l   | 92       |
| 78) n-propylbenzene           | 11.305 | 91   | 162252   | 18.482  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 102721   | 18.310  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 125568   | 19.093  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 12665    | 15.313  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 116542   | 17.996  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 123709   | 19.724  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 125317   | 18.854  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 151689   | 20.705  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 128257   | 20.337  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 66434    | 18.429  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 68917    | 18.504  | ug/l   | 100      |
| 89) n-Butylbenzene            | 12.335 | 91   | 104107   | 19.911  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 21194    | 20.134  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 69250    | 19.618  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 11715    | 18.989  | ug/l   | 87       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 41200    | 19.947  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 18132    | 22.724  | ug/l   | 96       |
| 95) Naphthalene               | 13.774 | 128  | 149128   | 16.483  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 41564    | 20.255  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX083123\  
Data File : VX037431.D  
Acq On : 31 Aug 2023 15:29  
Operator : JC/MD  
Sample : VX0831WBSD01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01

Manual Integrations  
APPROVED

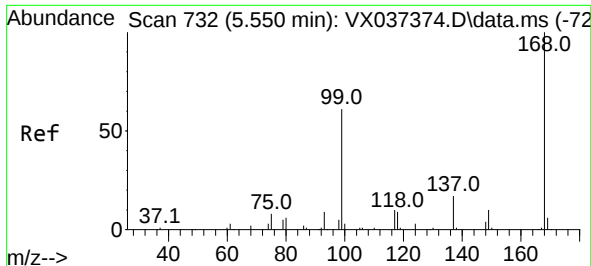
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023

Quant Time: Sep 01 03:12:28 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 18 09:30:38 2023  
Response via : Initial Calibration

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

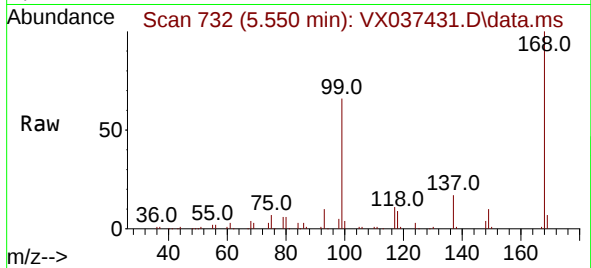
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. -0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

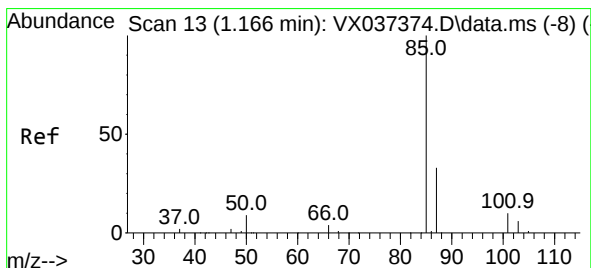
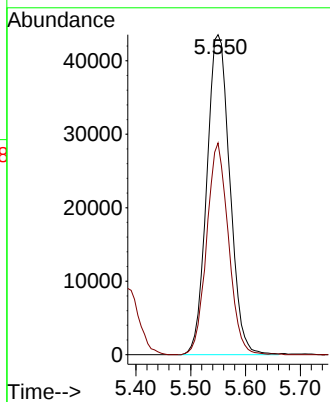
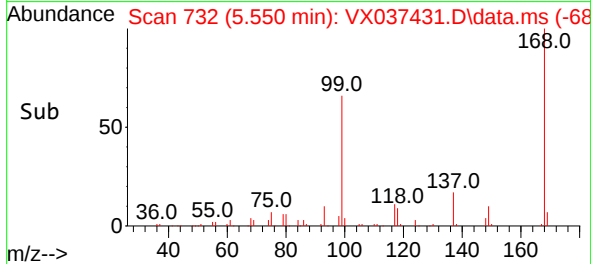
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01



Tgt Ion:168 Resp: 12676  
Ion Ratio Lower Upper  
168 100  
99 66.1 56.6 85.0

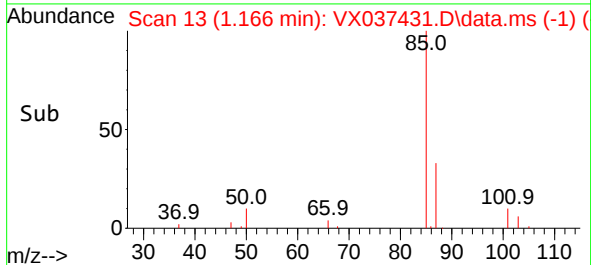
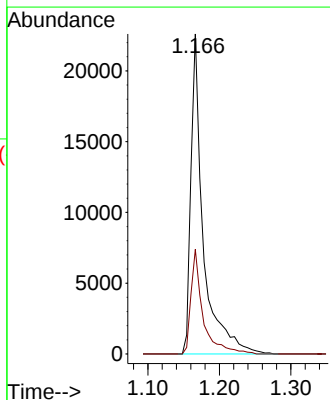
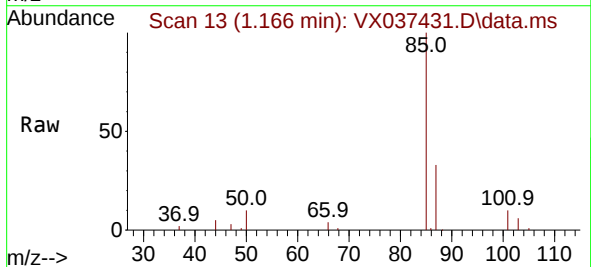
Manual Integrations  
APPROVED

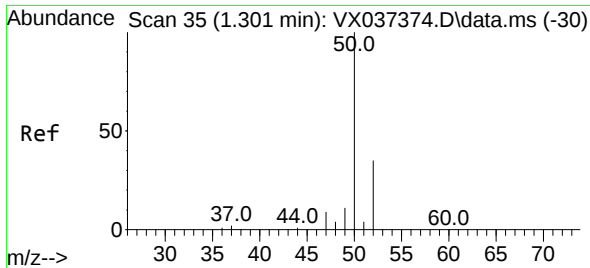
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#2  
Dichlorodifluoromethane  
Concen: 18.329 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Tgt Ion: 85 Resp: 26989  
Ion Ratio Lower Upper  
85 100  
87 32.7 16.7 50.1





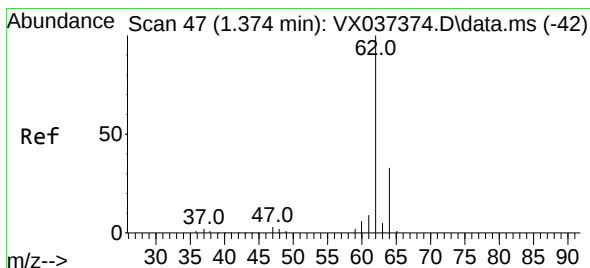
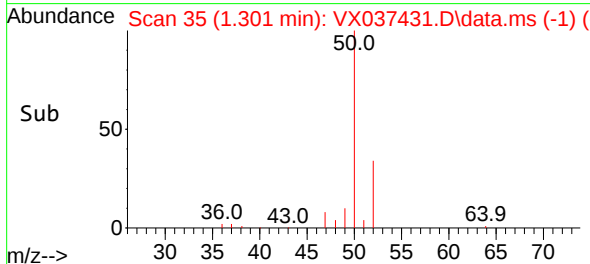
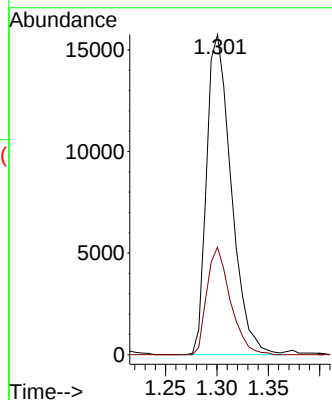
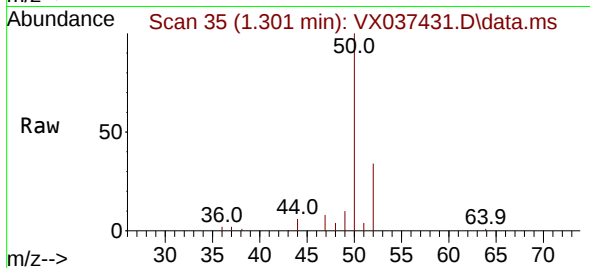
#3  
Chloromethane  
Concen: 20.438 ug/l  
RT: 1.301 min Scan# 35  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01

Tgt Ion: 50 Resp: 26329  
Ion Ratio Lower Upper  
50 100  
52 33.6 25.5 38.3

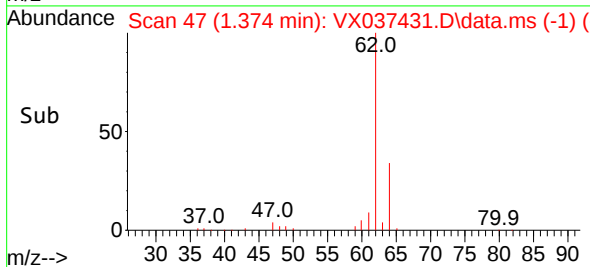
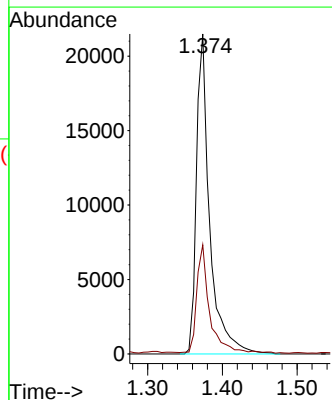
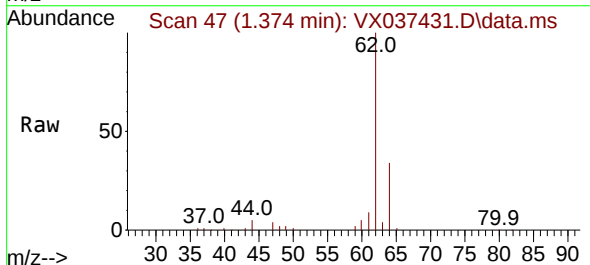
Manual Integrations  
APPROVED

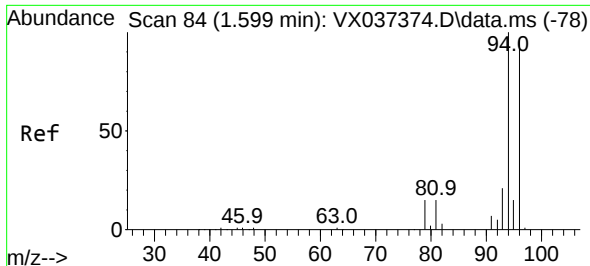
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#4  
Vinyl Chloride  
Concen: 18.737 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

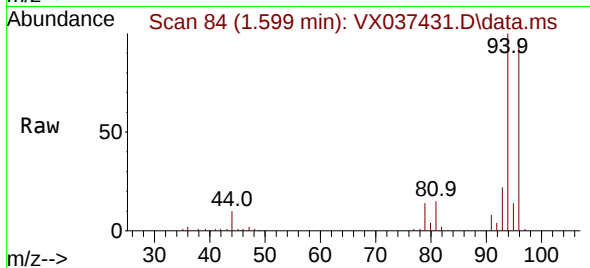
Tgt Ion: 62 Resp: 26273  
Ion Ratio Lower Upper  
62 100  
64 33.7 25.4 38.0





#5  
Bromomethane  
Concen: 21.514 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

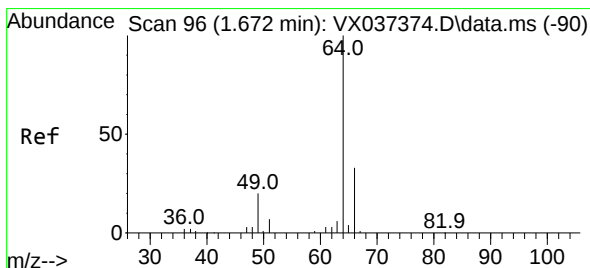
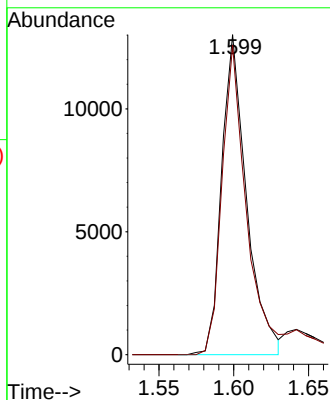
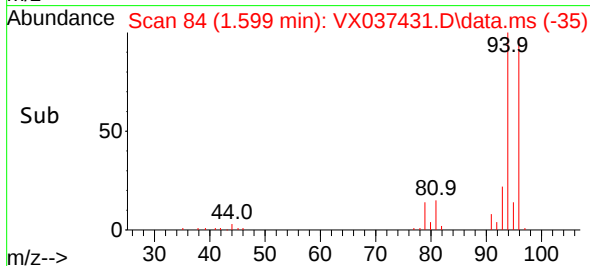
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01



Tgt Ion: 94 Resp: 1502  
Ion Ratio Lower Upper  
94 100  
96 96.7 74.6 111.8

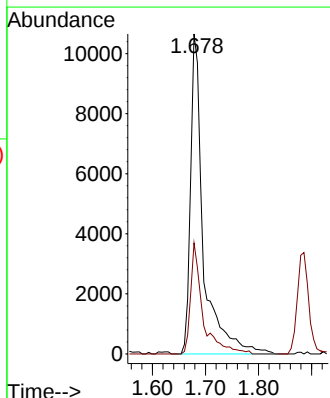
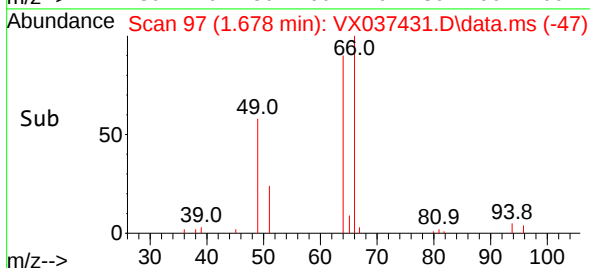
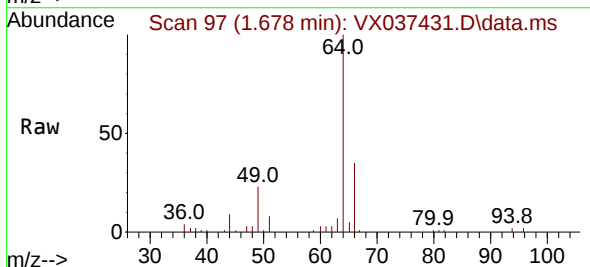
Manual Integrations  
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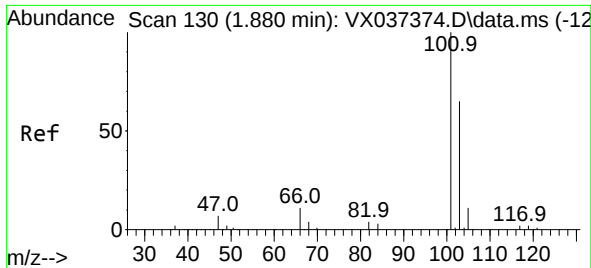
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#6  
Chloroethane  
Concen: 21.700 ug/l  
RT: 1.678 min Scan# 97  
Delta R.T. 0.006 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

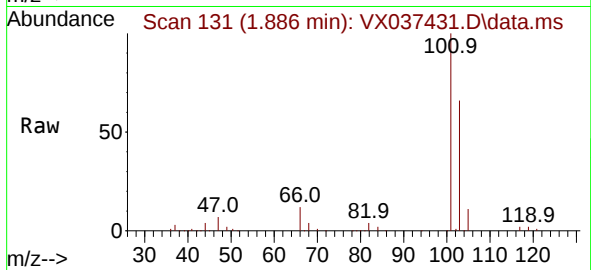
Tgt Ion: 64 Resp: 17906  
Ion Ratio Lower Upper  
64 100  
66 34.7 25.1 37.7





#7  
 Trichlorofluoromethane  
 Concen: 17.884 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX037431.D  
 Acq: 31 Aug 2023 15:29

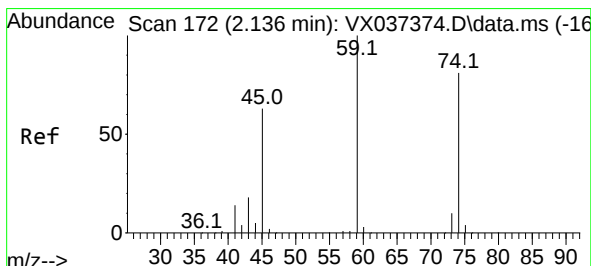
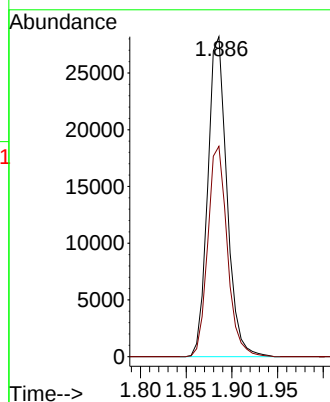
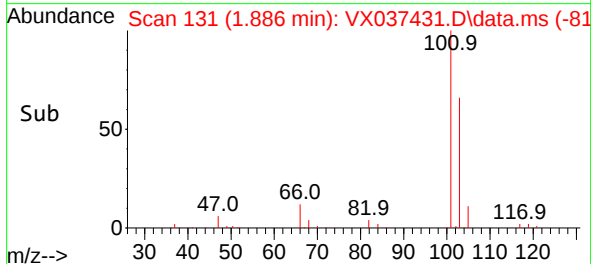
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0831WBSD01



Tgt Ion:101 Resp: 41080  
 Ion Ratio Lower Upper  
 101 100  
 103 65.8 51.4 77.2

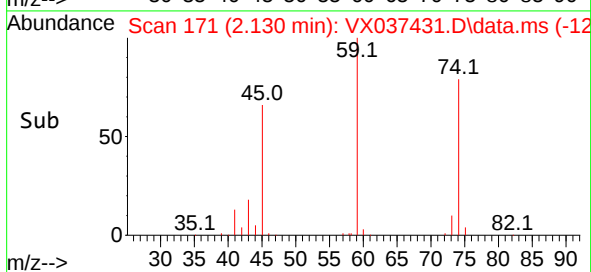
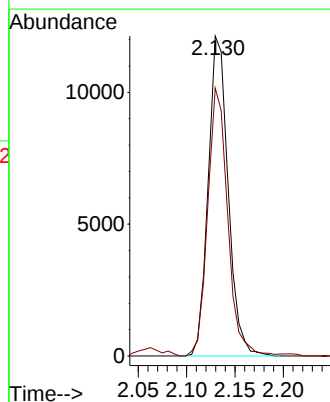
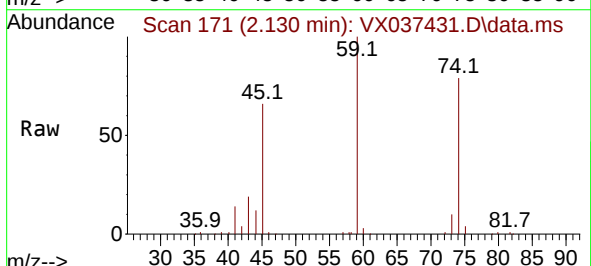
Manual Integrations  
 APPROVED

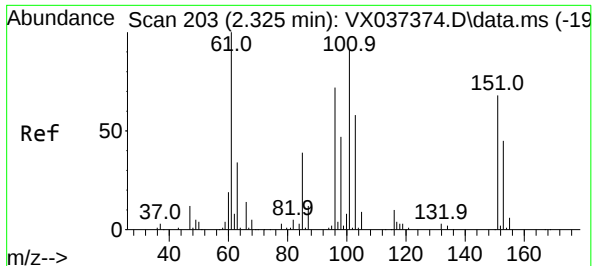
Reviewed By :John Carlone 09/01/2023  
 Supervised By :Mahesh Dadoda 09/01/2023



#8  
 Diethyl Ether  
 Concen: 19.566 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. -0.006 min  
 Lab File: VX037431.D  
 Acq: 31 Aug 2023 15:29

Tgt Ion: 74 Resp: 17388  
 Ion Ratio Lower Upper  
 74 100  
 45 84.2 53.3 159.8





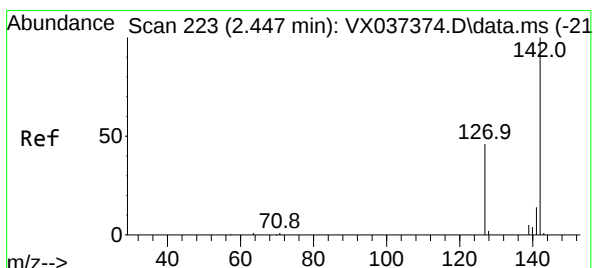
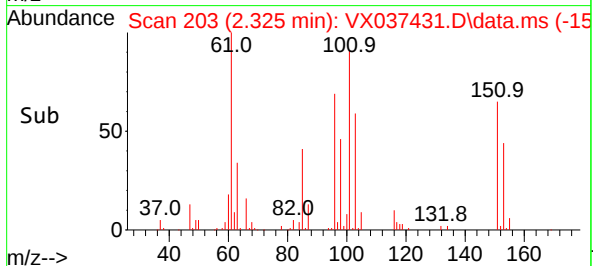
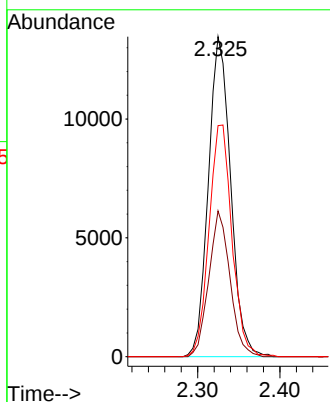
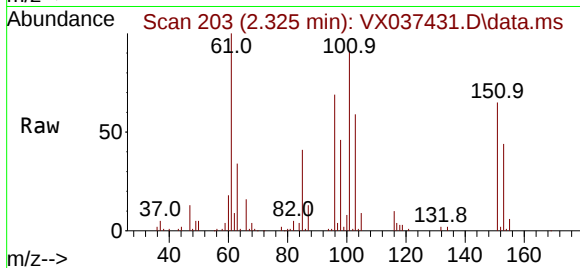
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.920 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01

Tgt Ion:101 Resp: 2535  
Ion Ratio Lower Upper  
101 100  
85 43.3 37.0 55.6  
151 74.7 58.6 87.8

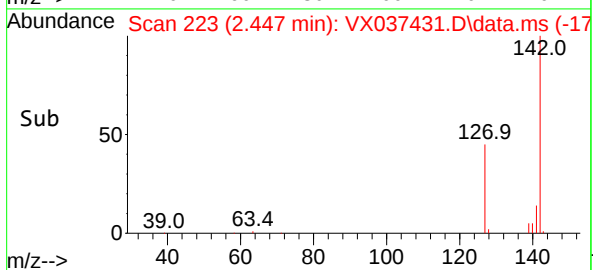
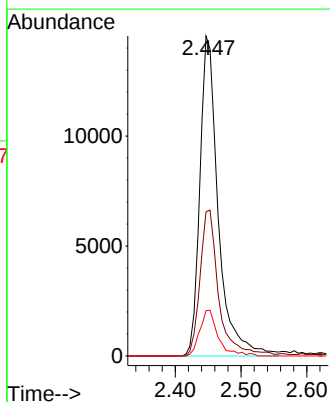
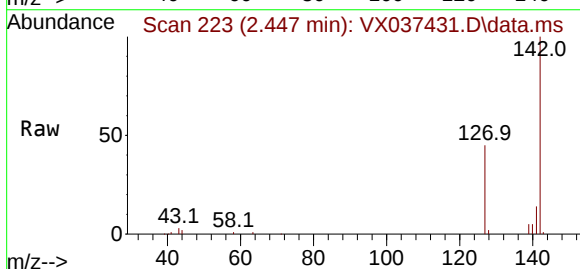
Manual Integrations  
APPROVED

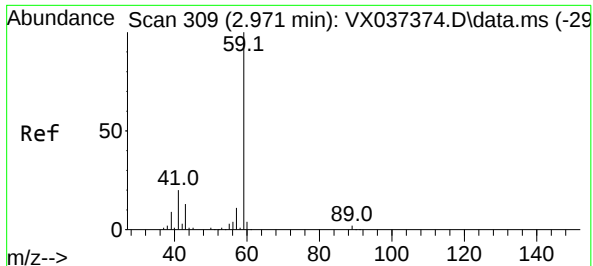
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#10  
Methyl Iodide  
Concen: 17.412 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

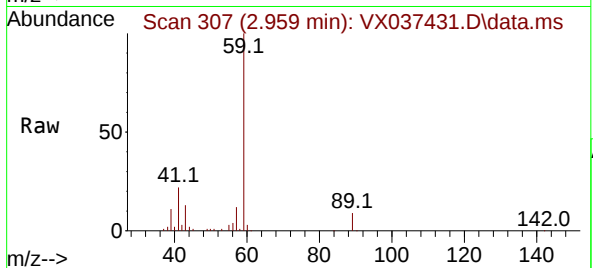
Tgt Ion:142 Resp: 28358  
Ion Ratio Lower Upper  
142 100  
127 46.2 41.6 62.4  
141 14.3 11.6 17.4





#11  
Tert butyl alcohol  
Concen: 93.750 ug/l  
RT: 2.959 min Scan# 309  
Delta R.T. -0.018 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

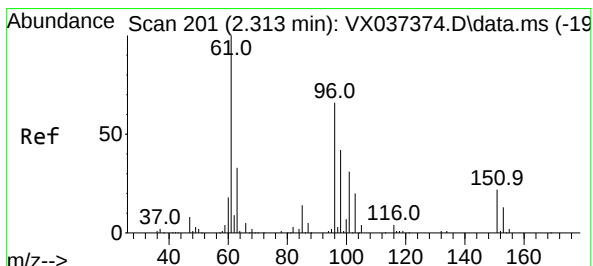
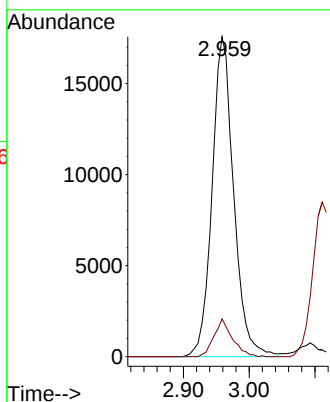
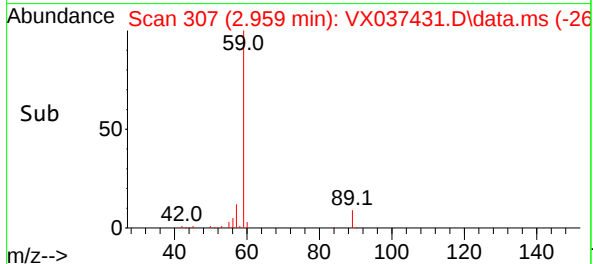
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01



Tgt Ion: 59 Resp: 40190  
Ion Ratio Lower Upper  
59 100  
57 10.1 6.0 9.0

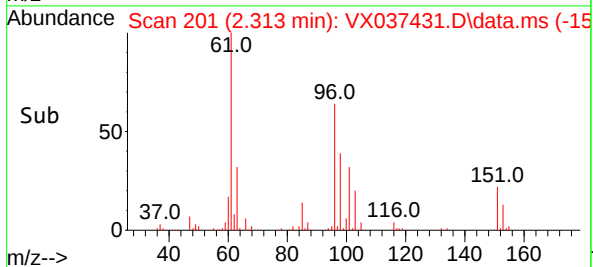
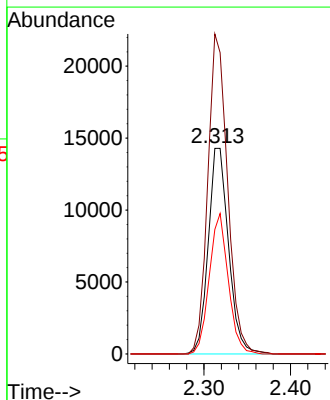
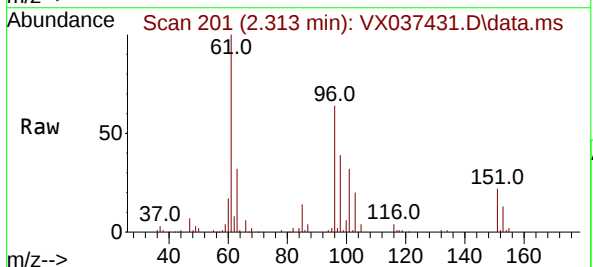
Manual Integrations  
APPROVED

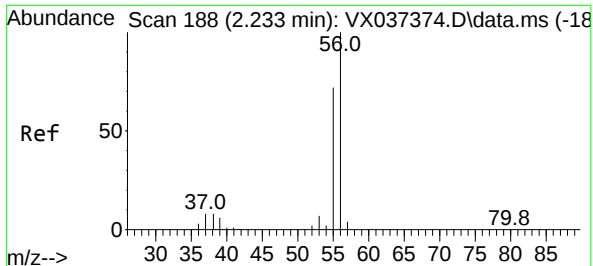
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#12  
1,1-Dichloroethene  
Concen: 17.843 ug/l  
RT: 2.313 min Scan# 201  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Tgt Ion: 96 Resp: 23283  
Ion Ratio Lower Upper  
96 100  
61 155.6 144.6 216.8  
98 60.5 50.4 75.6





#13

Acrolein

Concen: 70.875 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

Tgt Ion: 56 Resp: 23114

Ion Ratio Lower Upper

56 100

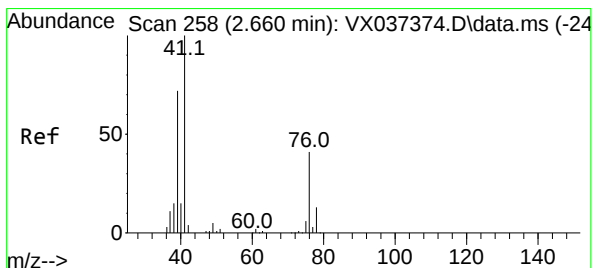
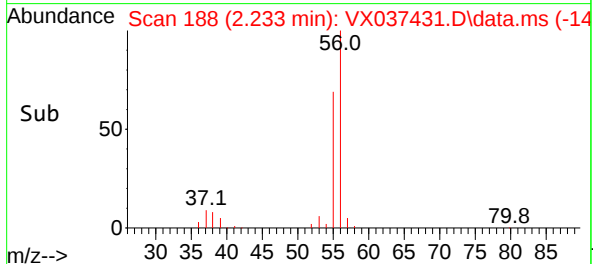
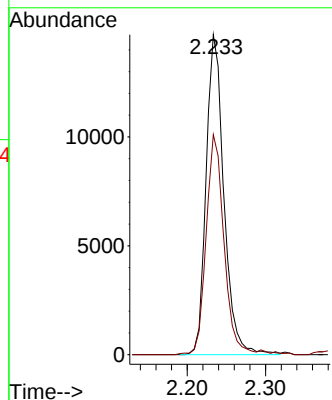
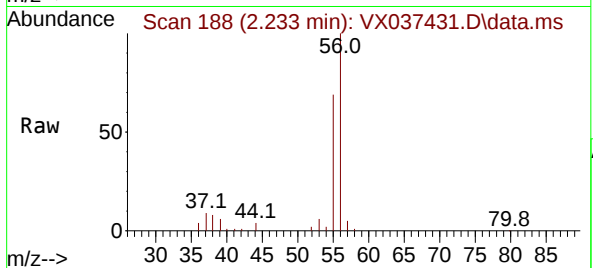
55 68.8 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#14

Allyl chloride

Concen: 18.020 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

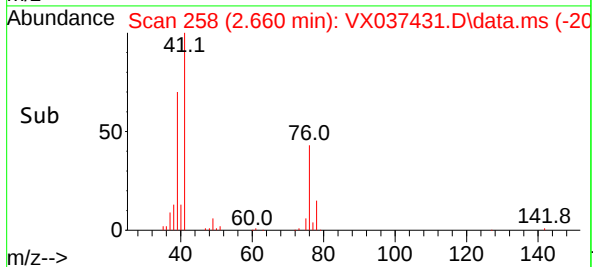
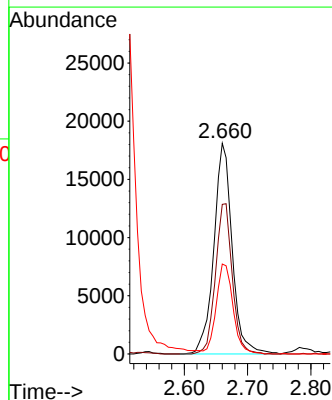
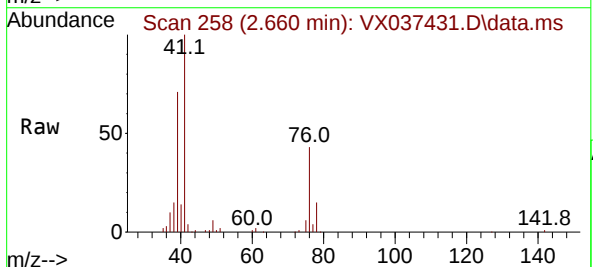
Tgt Ion: 41 Resp: 36396

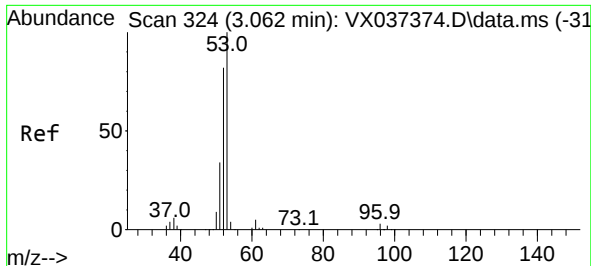
Ion Ratio Lower Upper

41 100

39 65.3 55.8 83.6

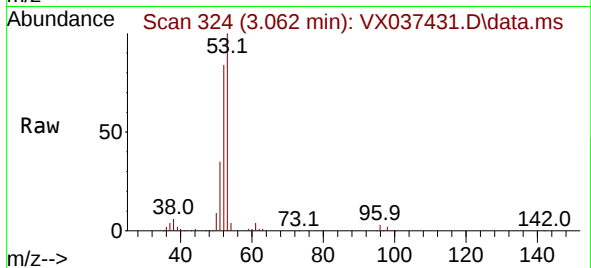
76 39.0 24.3 36.5





#15  
Acrylonitrile  
Concen: 102.276 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

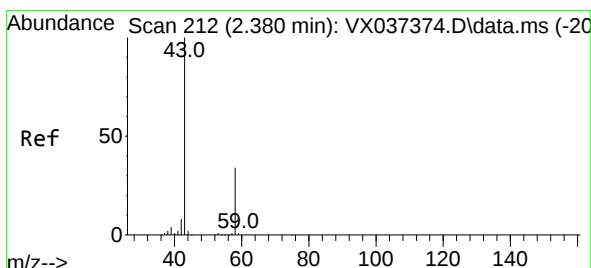
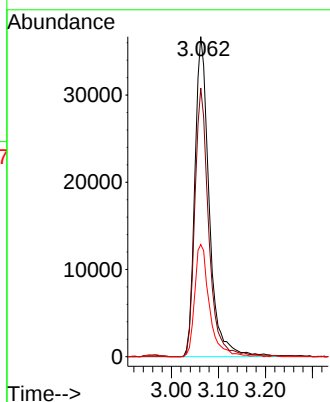
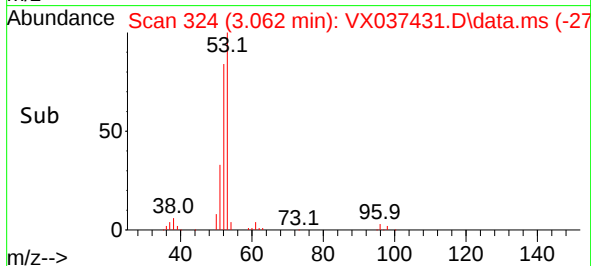
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01



Tgt Ion: 53 Resp: 78258  
Ion Ratio Lower Upper  
53 100  
52 81.9 66.0 99.0  
51 35.9 29.8 44.6

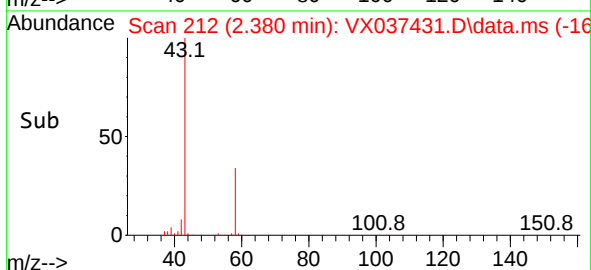
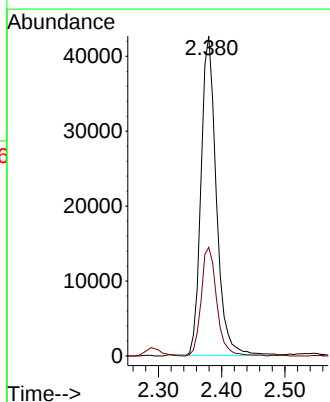
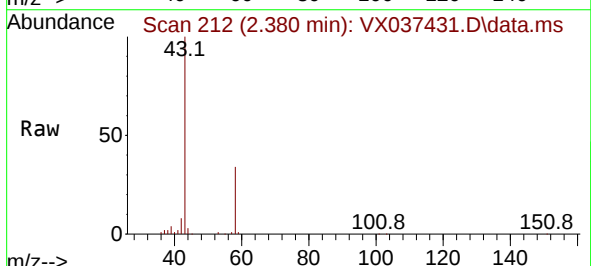
Manual Integrations  
APPROVED

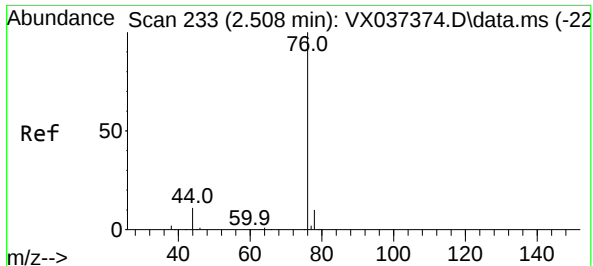
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#16  
Acetone  
Concen: 100.873 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.006 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Tgt Ion: 43 Resp: 72118  
Ion Ratio Lower Upper  
43 100  
58 33.9 21.9 32.9#





#17

Carbon Disulfide

Concen: 15.784 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

Tgt Ion: 76 Resp: 52390

Ion Ratio Lower Upper

76 100

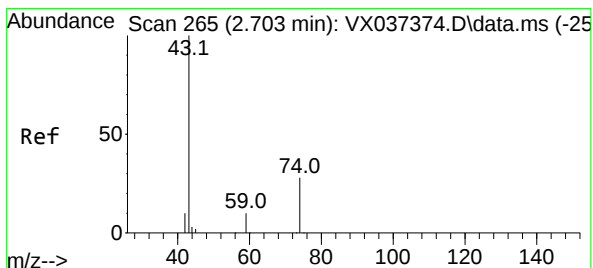
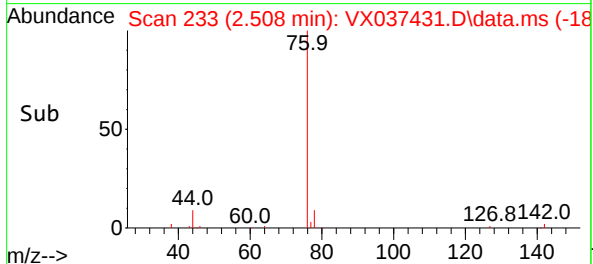
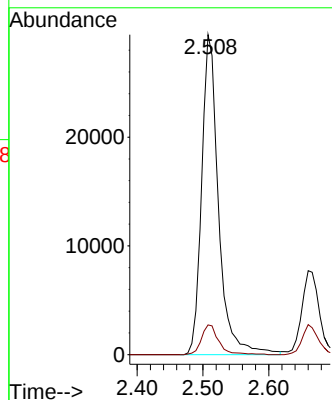
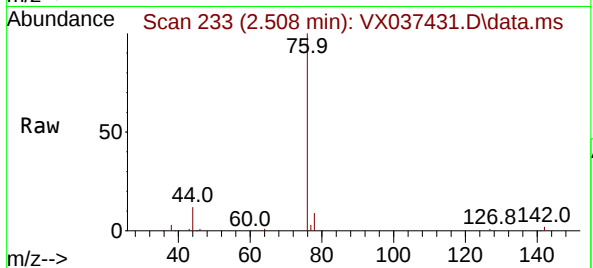
78 9.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#18

Methyl Acetate

Concen: 19.607 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX037431.D

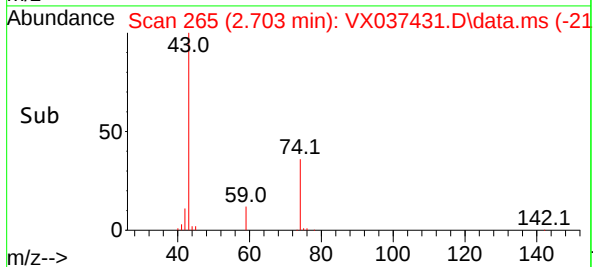
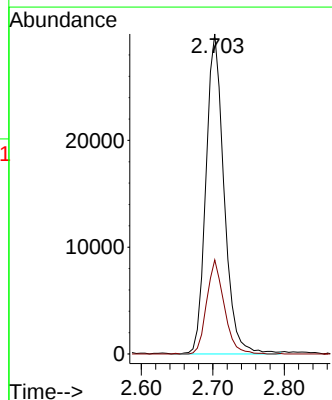
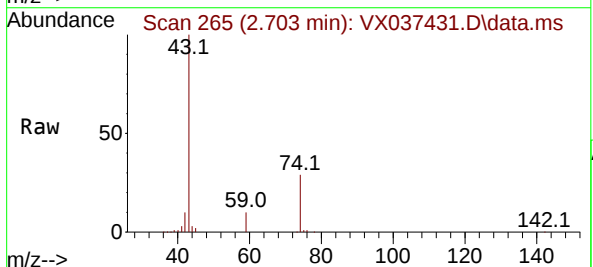
Acq: 31 Aug 2023 15:29

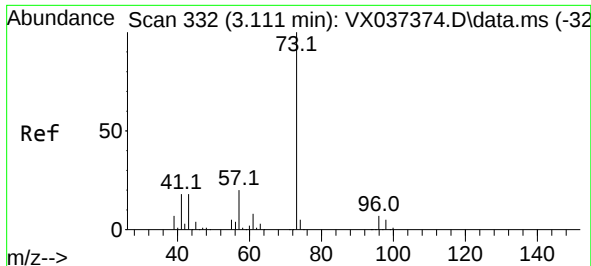
Tgt Ion: 43 Resp: 52779

Ion Ratio Lower Upper

43 100

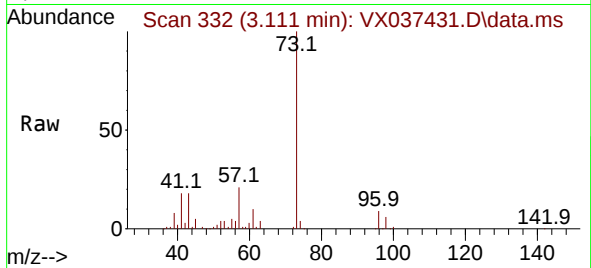
74 28.4 17.8 26.8#





#19  
Methyl tert-butyl Ether  
Concen: 18.973 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

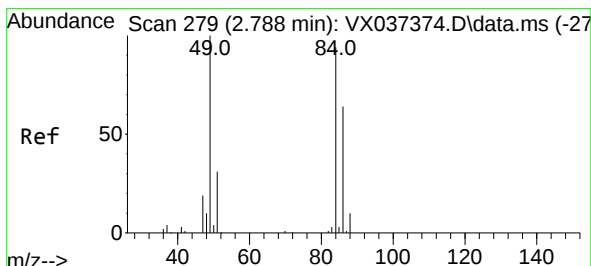
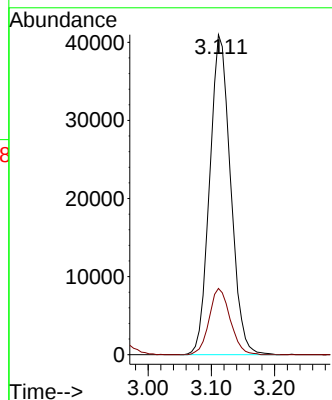
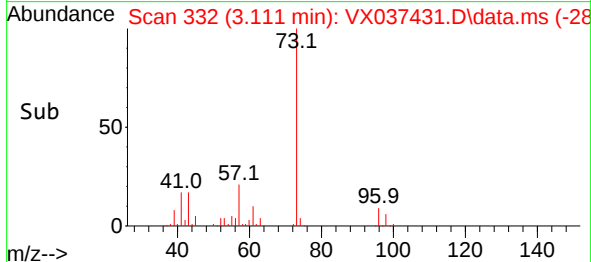
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01



Tgt Ion: 73 Resp: 9389  
Ion Ratio Lower Upper  
73 100  
57 20.7 17.3 25.9

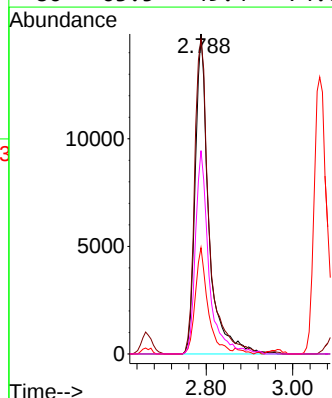
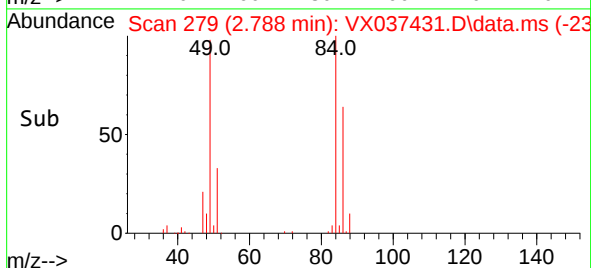
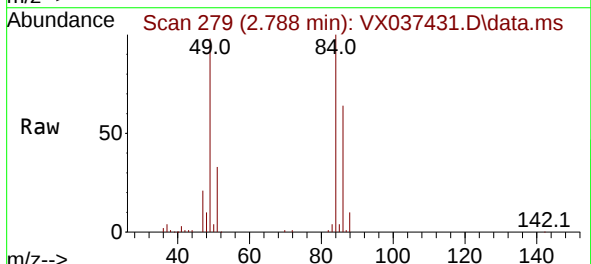
Manual Integrations  
APPROVED

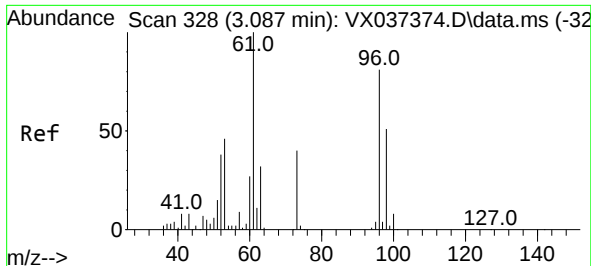
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#20  
Methylene Chloride  
Concen: 20.376 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

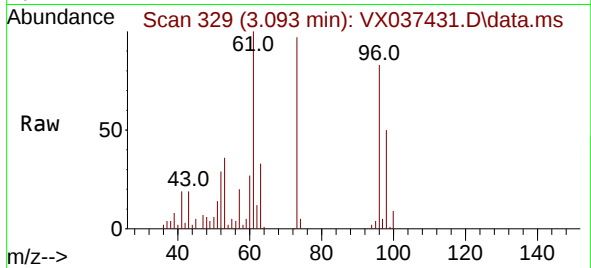
Tgt Ion: 84 Resp: 32577  
Ion Ratio Lower Upper  
84 100  
49 98.3 103.6 155.4#  
51 33.2 33.8 50.6#  
86 63.5 49.4 74.0





#21  
trans-1,2-Dichloroethene  
Concen: 18.023 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

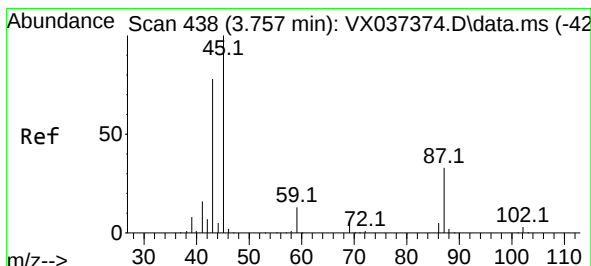
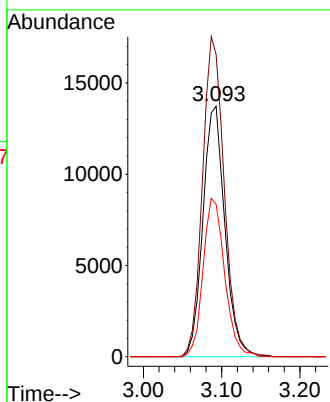
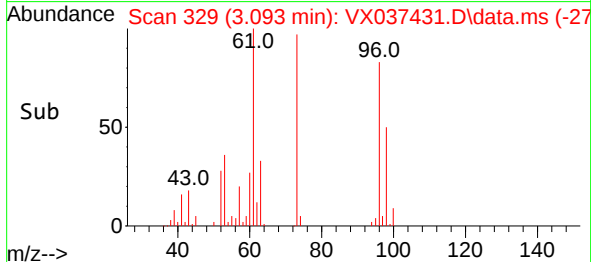
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01



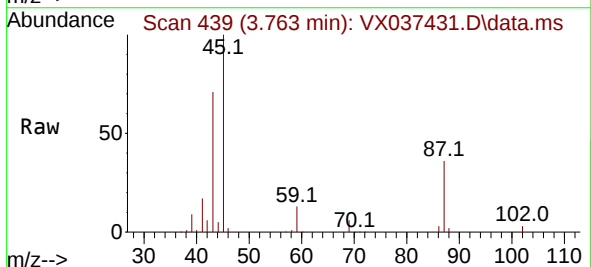
Tgt Ion: 96 Resp: 26735  
Ion Ratio Lower Upper  
96 100  
61 120.6 119.2 178.8  
98 60.8 48.7 73.1

Manual Integrations  
APPROVED

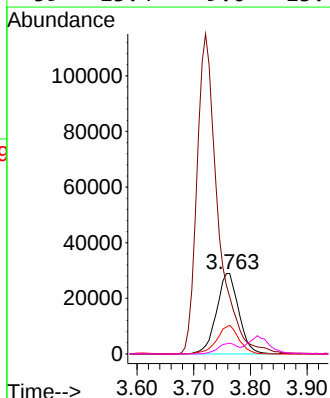
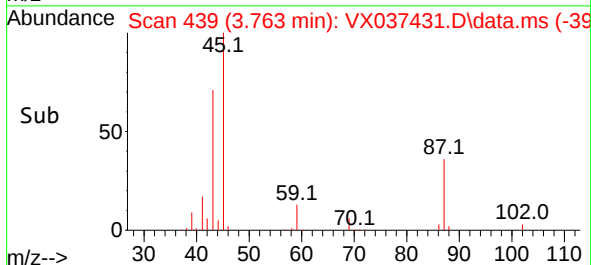
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023

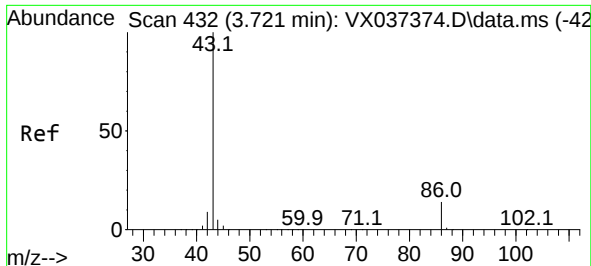


#22  
Diisopropyl ether  
Concen: 18.985 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29



Tgt Ion: 45 Resp: 78687  
Ion Ratio Lower Upper  
45 100  
43 70.8 69.7 104.5  
87 35.7 20.8 31.2#  
59 13.4 9.0 13.4





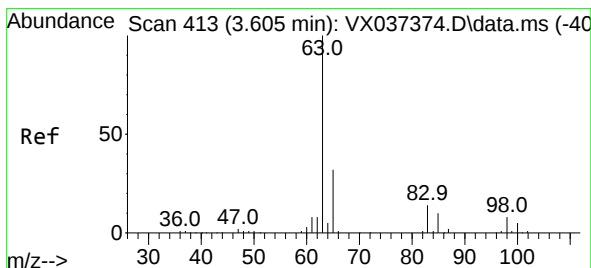
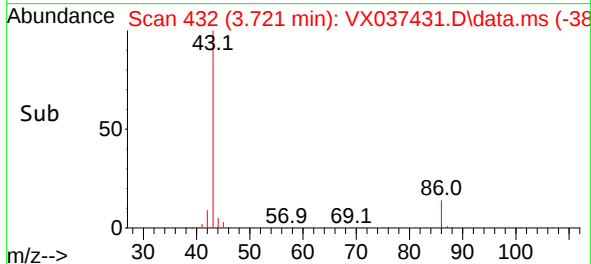
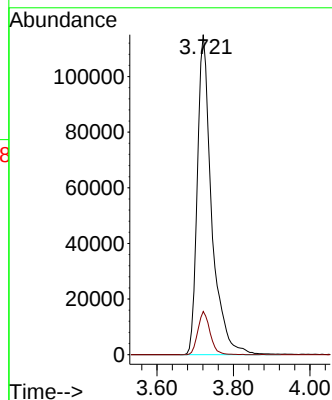
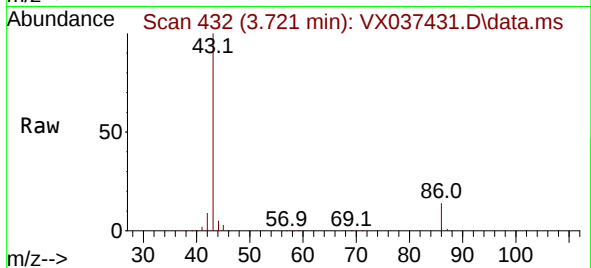
#23  
 Vinyl Acetate  
 Concen: 93.991 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX037431.D  
 Acq: 31 Aug 2023 15:29

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0831WBSD01

Tgt Ion: 43 Resp: 29852  
 Ion Ratio Lower Upper  
 43 100  
 86 13.5 7.8 11.8

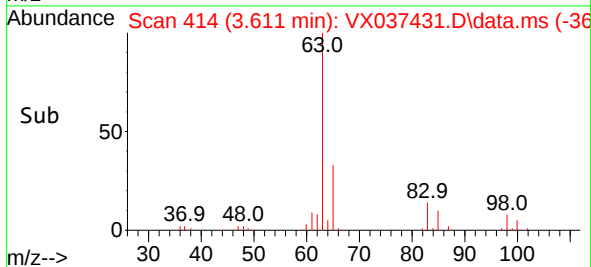
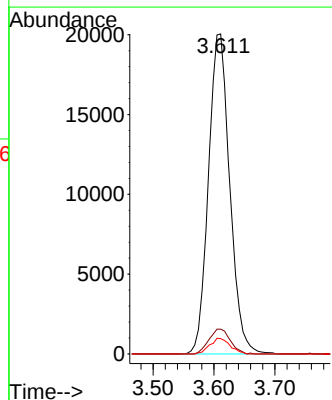
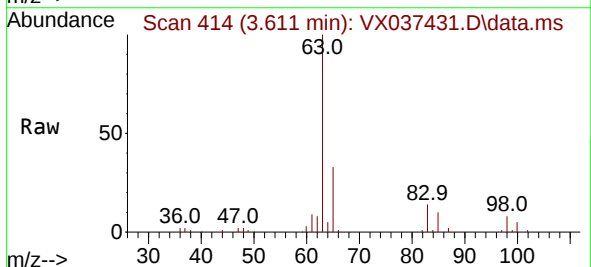
Manual Integrations  
 APPROVED

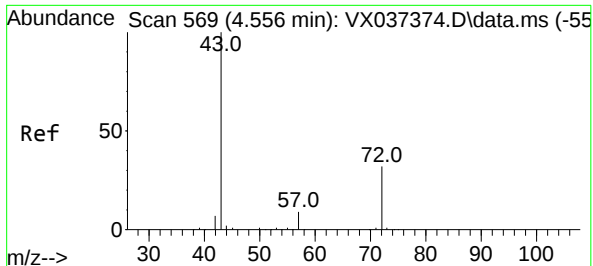
Reviewed By :John Carlone 09/01/2023  
 Supervised By :Mahesh Dadoda 09/01/2023



#24  
 1,1-Dichloroethane  
 Concen: 18.727 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.006 min  
 Lab File: VX037431.D  
 Acq: 31 Aug 2023 15:29

Tgt Ion: 63 Resp: 48673  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.3 9.8  
 100 4.8 2.1 6.5





#25

2-Butanone

Concen: 96.401 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

Tgt Ion: 43 Resp: 103779

Ion Ratio Lower Upper

43 100

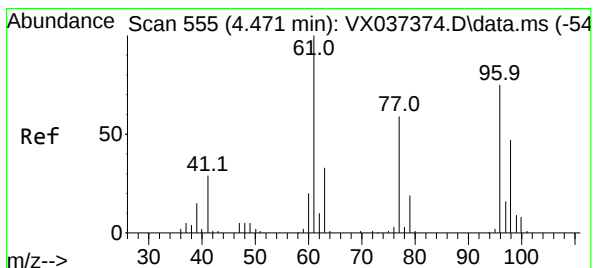
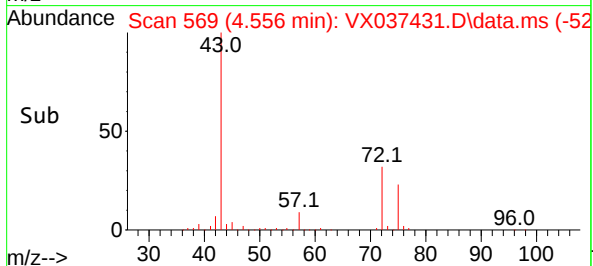
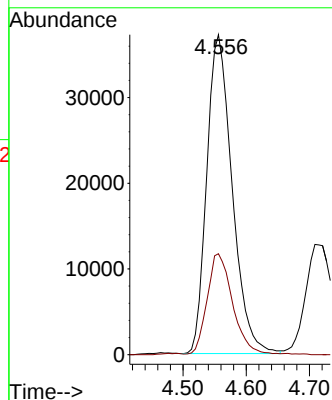
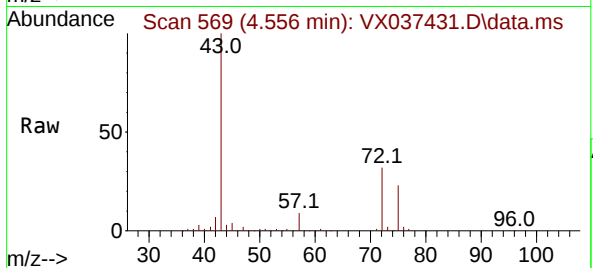
72 31.3 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#26

2,2-Dichloropropane

Concen: 17.086 ug/l

RT: 4.471 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX037431.D

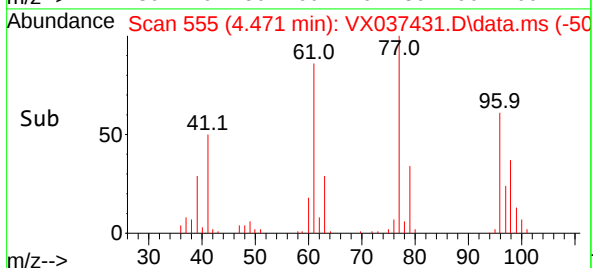
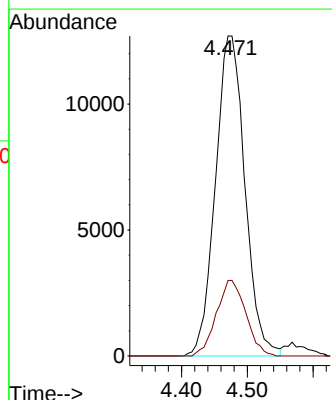
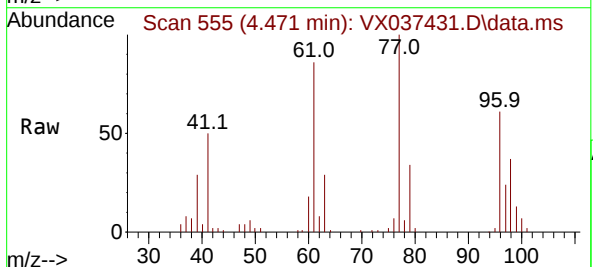
Acq: 31 Aug 2023 15:29

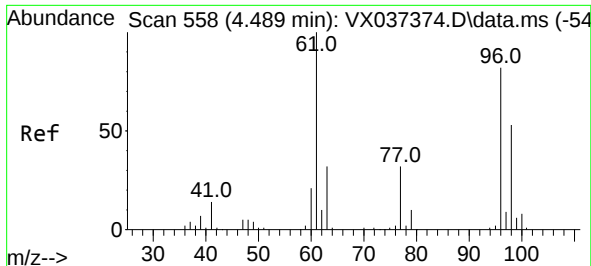
Tgt Ion: 77 Resp: 39658

Ion Ratio Lower Upper

77 100

97 23.6 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.655 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

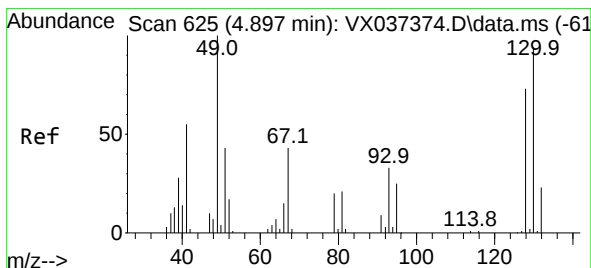
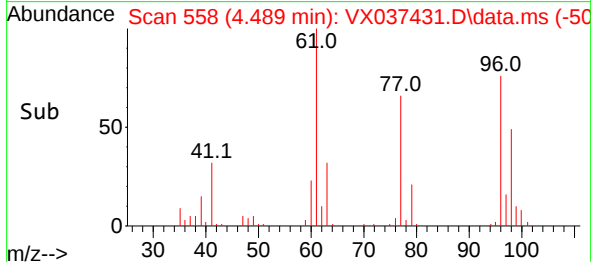
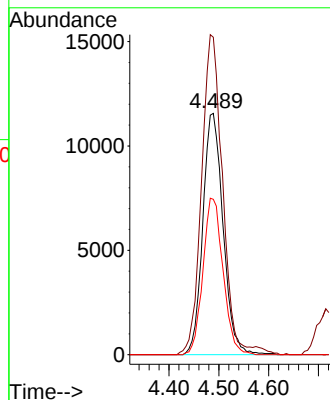
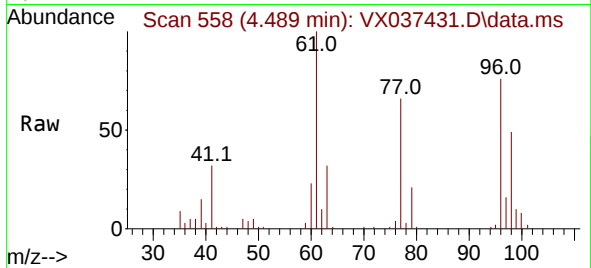
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 96    | Resp: | 3262  |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 136.3 | 0.0   | 312.2 |
| 98        | 64.3  | 0.0   | 129.0 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#28

Bromochloromethane

Concen: 20.723 ug/l

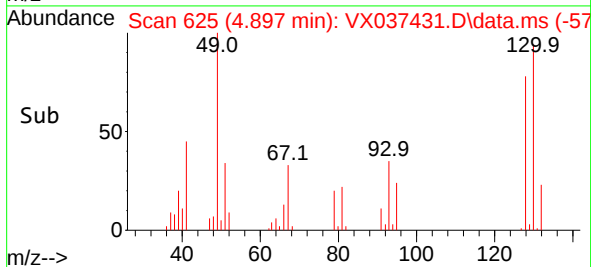
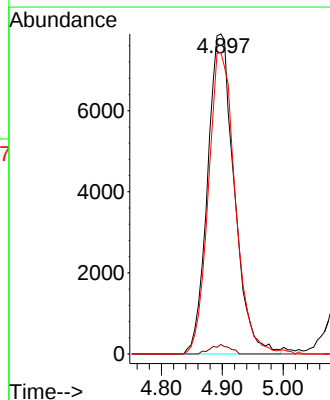
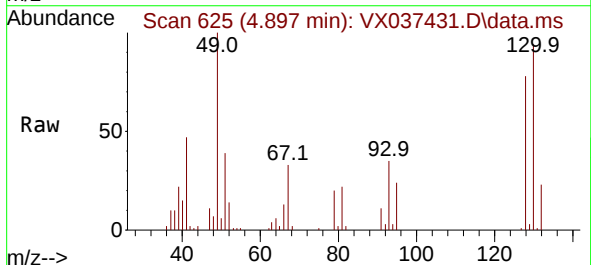
RT: 4.897 min Scan# 625

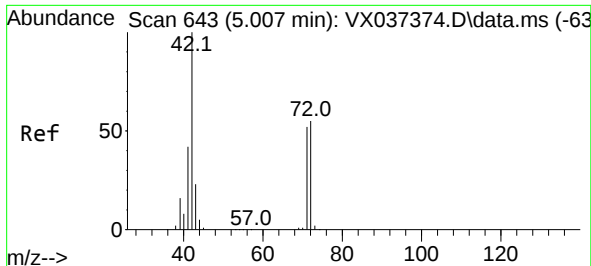
Delta R.T. -0.006 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 49    | Resp: | 24060 |
| Ion Ratio | Lower | Upper |       |
| 49        | 100   |       |       |
| 129       | 2.1   | 0.0   | 3.8   |
| 130       | 94.7  | 57.5  | 86.3  |





#29

Tetrahydrofuran

Concen: 94.219 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

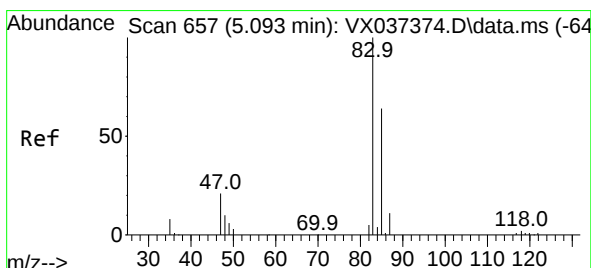
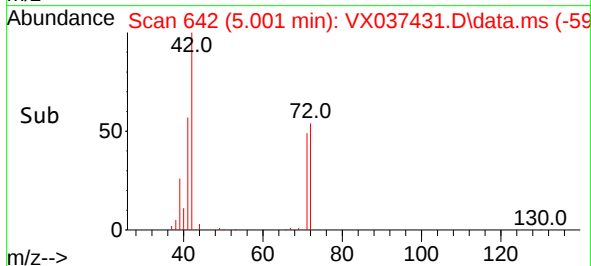
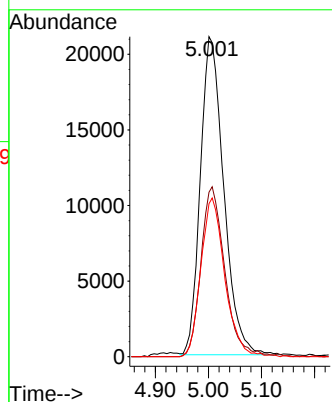
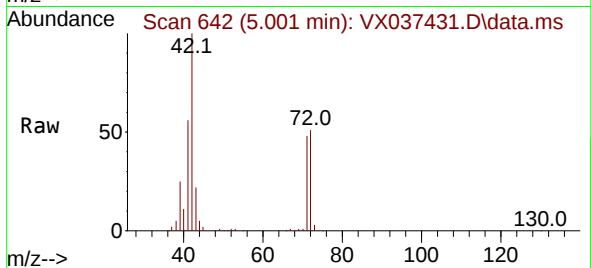
|             |             |
|-------------|-------------|
| Tgt Ion: 42 | Resp: 6468  |
| Ion Ratio   | Lower Upper |
| 42 100      |             |
| 72 54.3     | 34.2 51.4   |
| 71 50.8     | 32.2 48.2   |

Manual Integrations

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Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#30

Chloroform

Concen: 18.696 ug/l

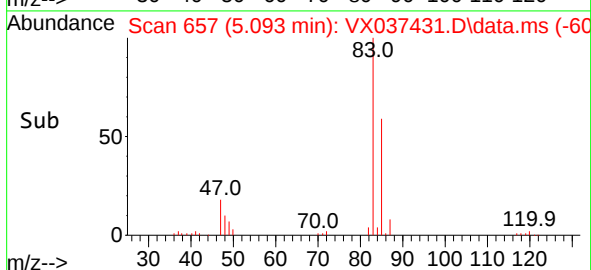
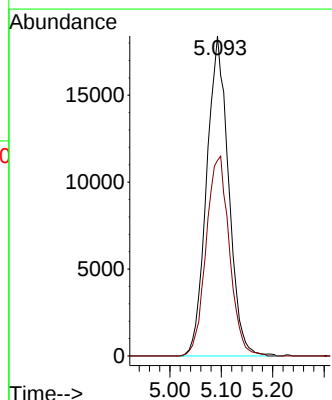
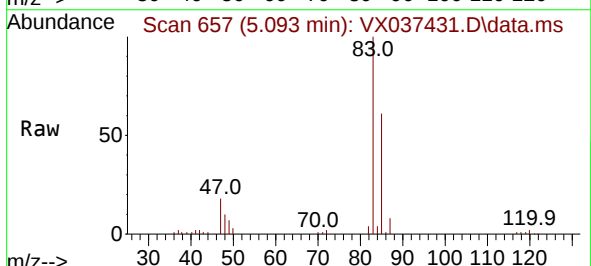
RT: 5.093 min Scan# 657

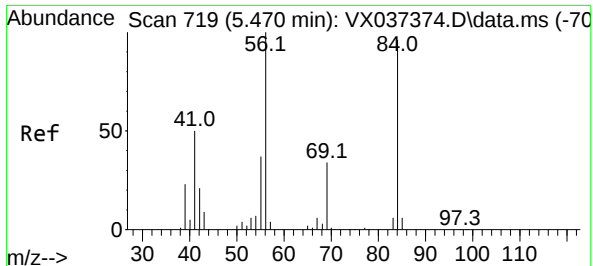
Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

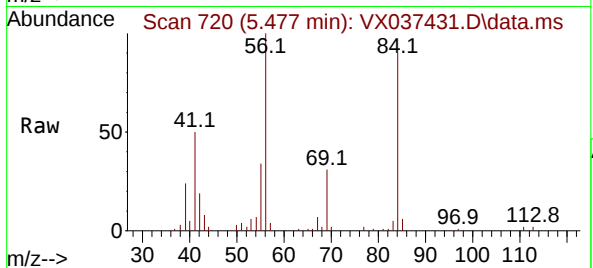
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 54547 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 61.1     | 50.3 75.5   |





#31  
Cyclohexane  
Concen: 18.215 ug/l  
RT: 5.477 min Scan# 703  
Delta R.T. 0.006 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

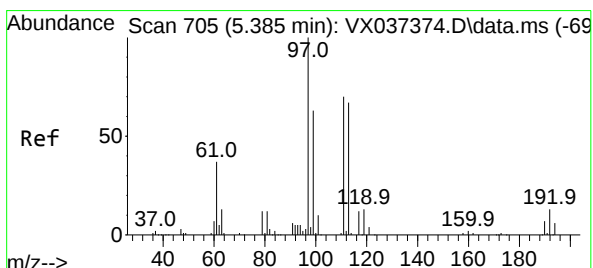
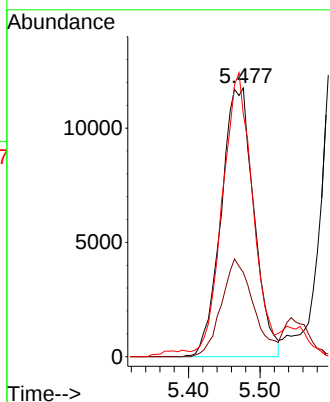
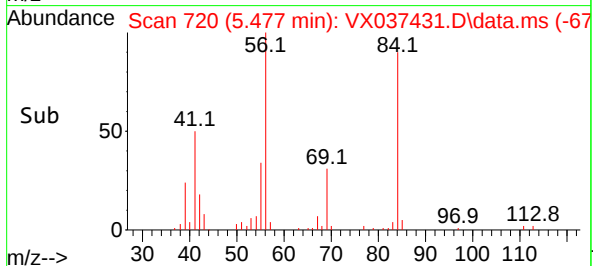
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01



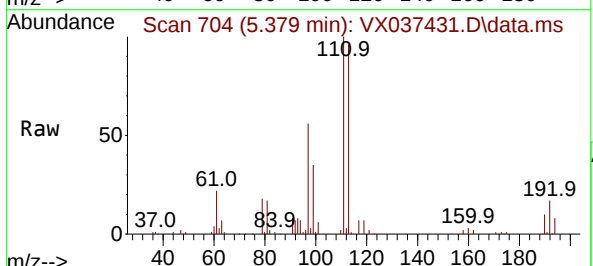
Tgt Ion: 56 Resp: 37429  
Ion Ratio Lower Upper  
56 100  
69 31.3 23.4 35.2  
84 88.4 65.9 98.9

Manual Integrations  
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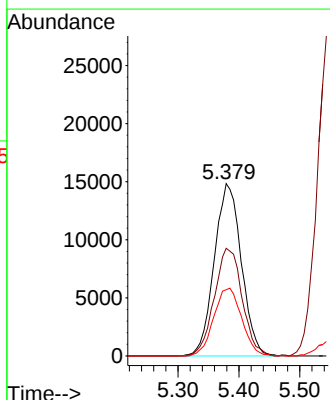
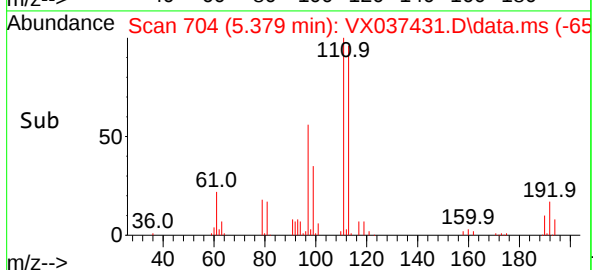
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023

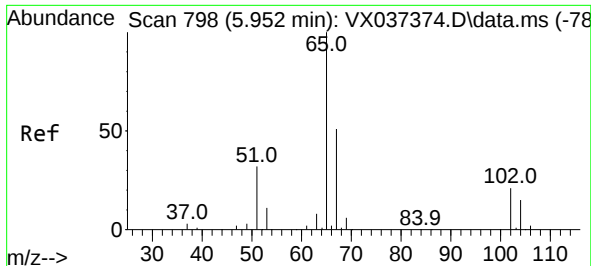


#32  
1,1,1-Trichloroethane  
Concen: 17.491 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29



Tgt Ion: 97 Resp: 45730  
Ion Ratio Lower Upper  
97 100  
99 64.2 51.1 76.7  
61 40.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.570 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

Tgt Ion: 65 Resp: 92418

Ion Ratio Lower Upper

65 100

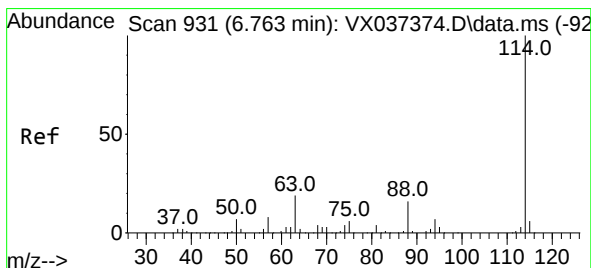
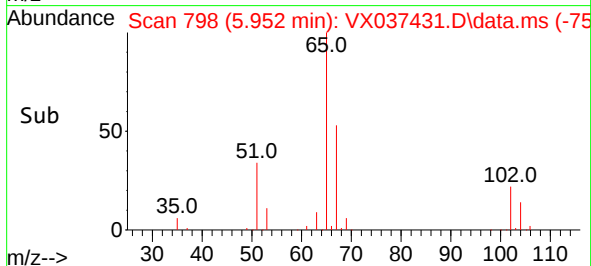
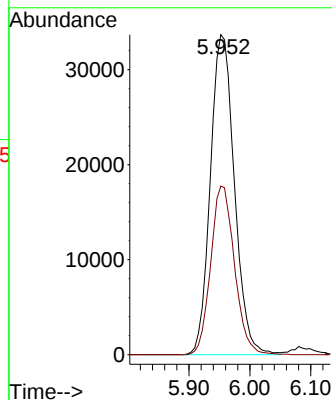
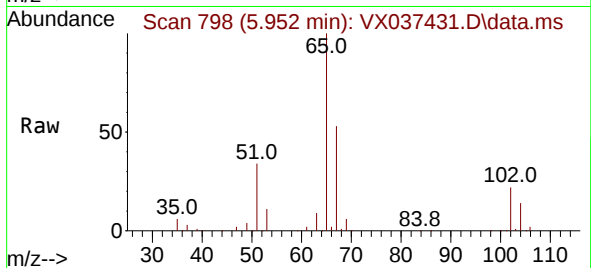
67 52.1 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

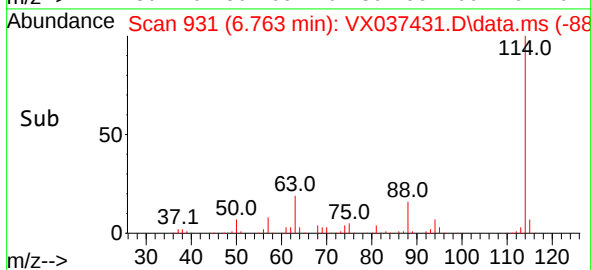
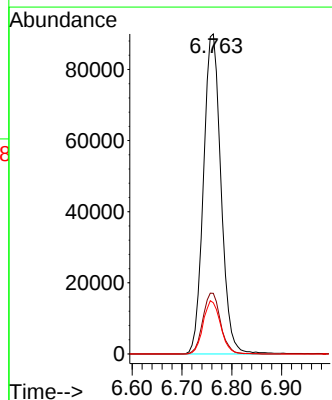
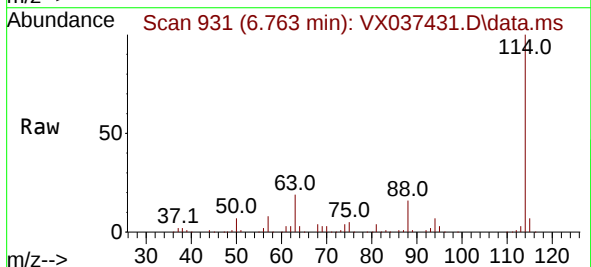
Tgt Ion:114 Resp: 219104

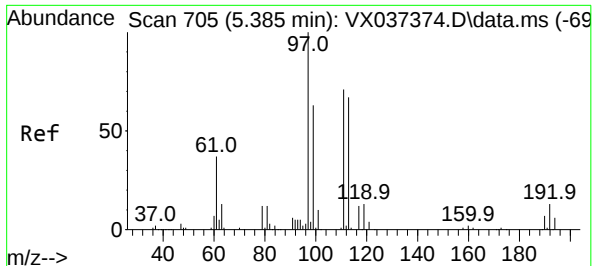
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

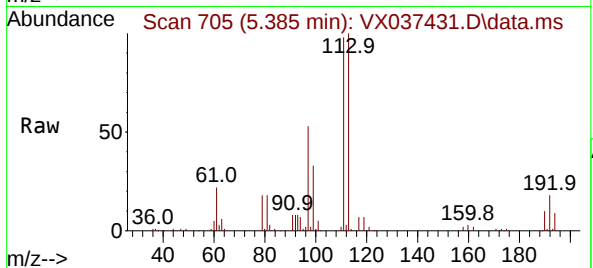
88 16.0 0.0 36.6





#35  
Dibromofluoromethane  
Concen: 54.289 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

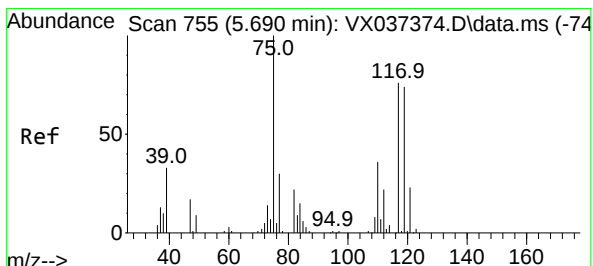
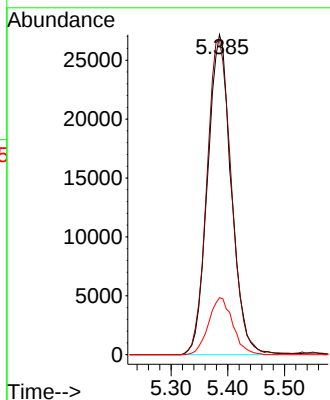
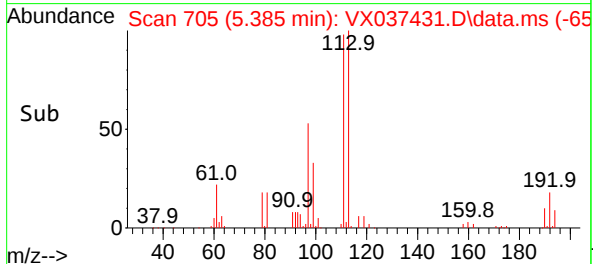
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01



Tgt Ion: 113 Resp: 78778  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.9 124.3  
192 18.2 13.3 19.9

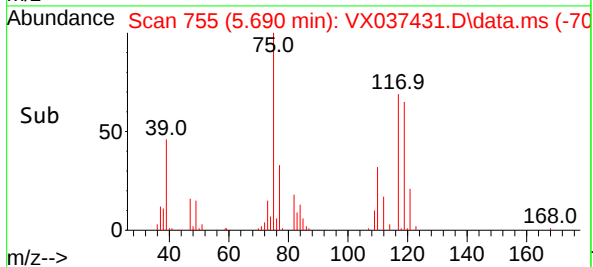
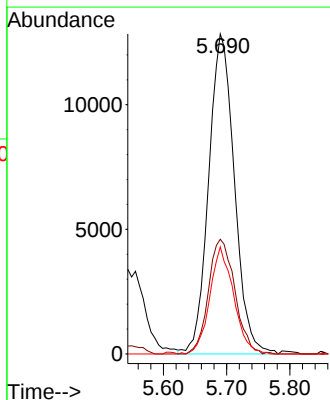
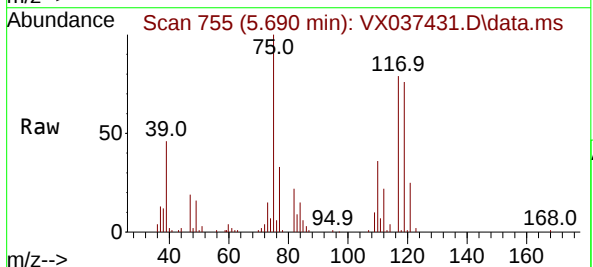
Manual Integrations  
APPROVED

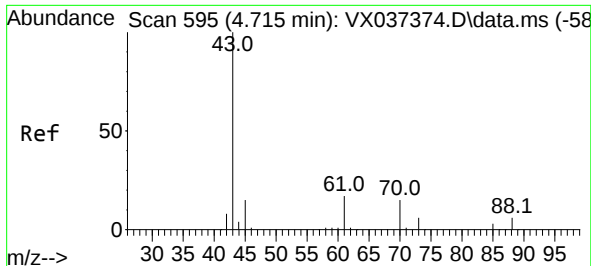
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#36  
1,1-Dichloropropene  
Concen: 17.591 ug/l  
RT: 5.690 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Tgt Ion: 75 Resp: 36265  
Ion Ratio Lower Upper  
75 100  
110 36.7 17.0 50.9  
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 18.705 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

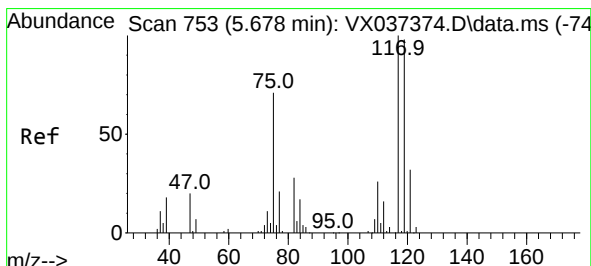
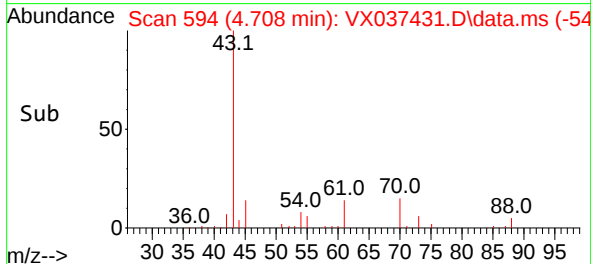
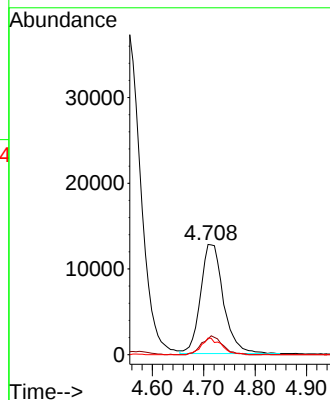
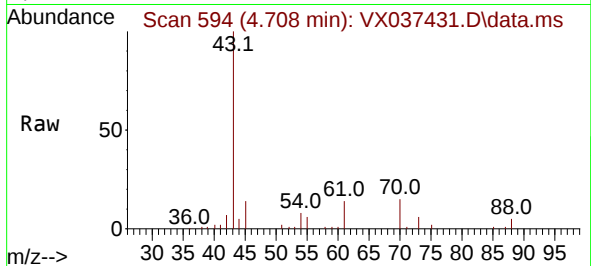
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 3939  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 15.5     | 10.6 16.0   |
| 70 13.5     | 8.3 12.5    |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#38

Carbon Tetrachloride

Concen: 17.555 ug/l

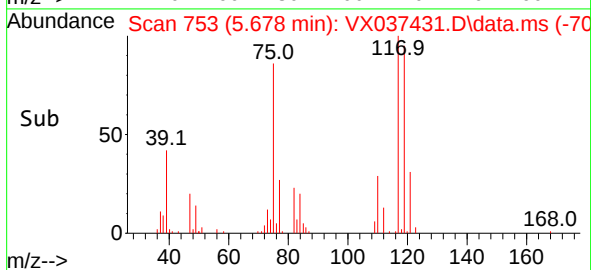
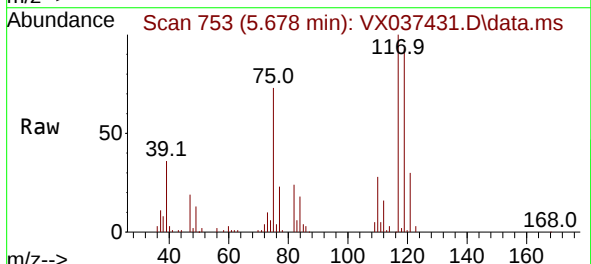
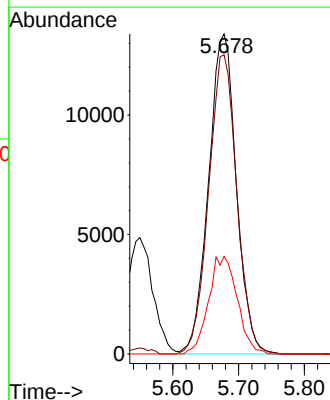
RT: 5.678 min Scan# 753

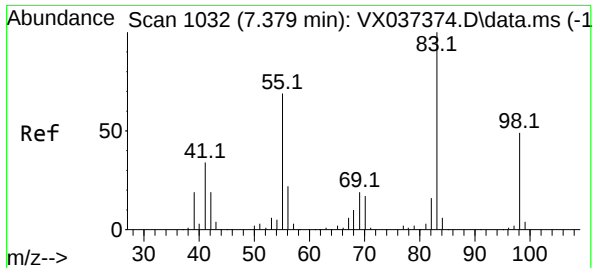
Delta R.T. 0.006 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

|             |             |
|-------------|-------------|
| Tgt Ion:117 | Resp: 39313 |
| Ion Ratio   | Lower Upper |
| 117 100     |             |
| 119 93.5    | 78.2 117.2  |
| 121 30.5    | 24.4 36.6   |





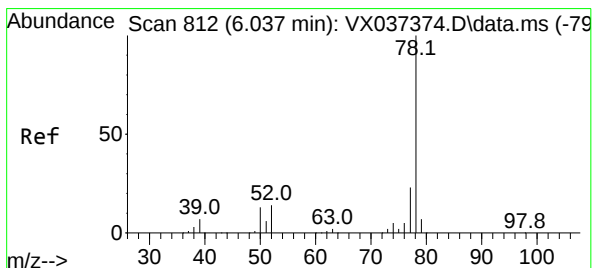
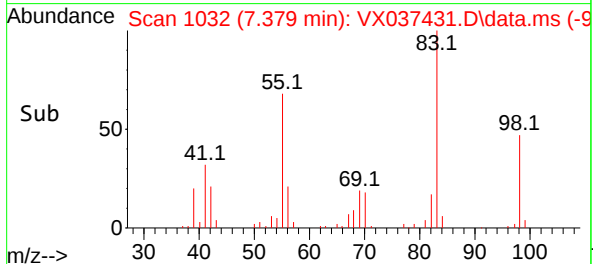
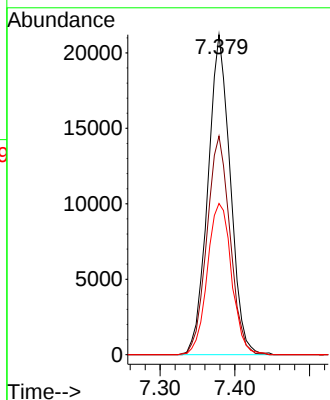
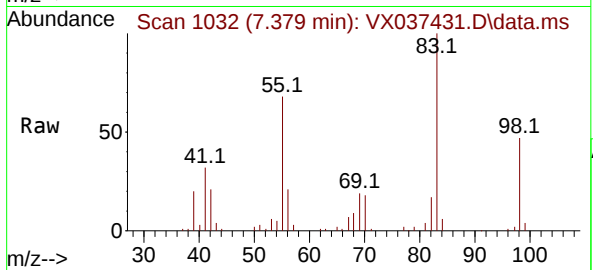
#39  
Methylcyclohexane  
Concen: 20.386 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01

Tgt Ion: 83 Resp: 4415  
Ion Ratio Lower Upper  
83 100  
55 68.3 64.6 97.0  
98 47.2 36.7 55.1

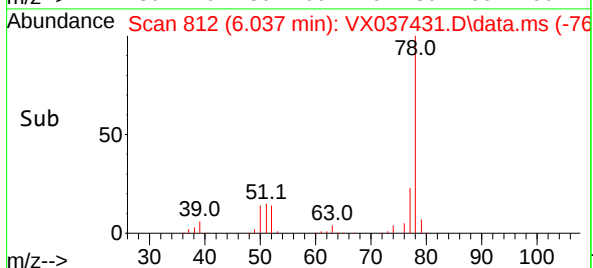
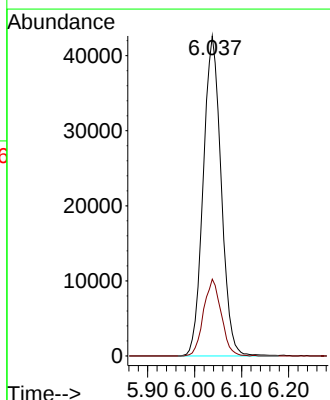
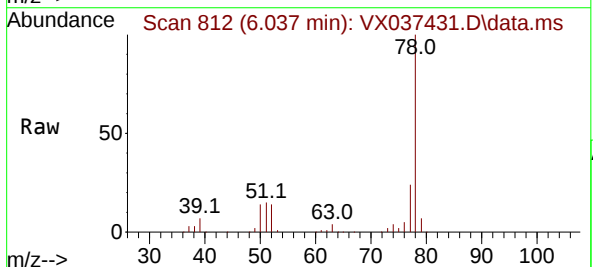
Manual Integrations  
APPROVED

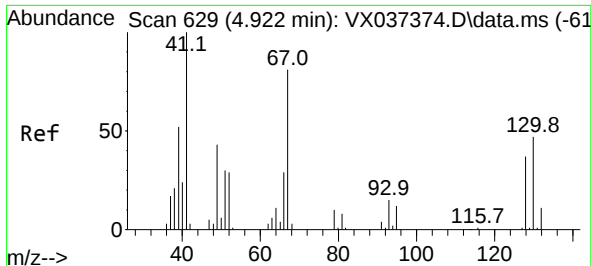
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#40  
Benzene  
Concen: 19.085 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

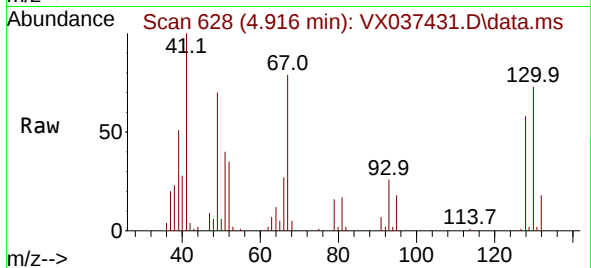
Tgt Ion: 78 Resp: 112840  
Ion Ratio Lower Upper  
78 100  
77 24.0 19.3 28.9





#41  
Methacrylonitrile  
Concen: 19.880 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

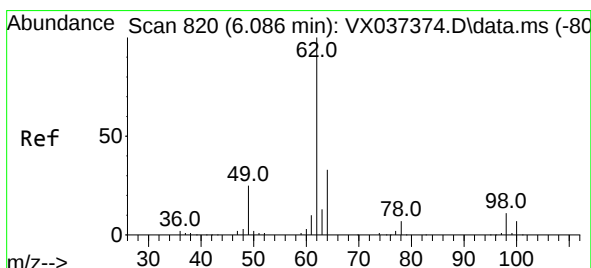
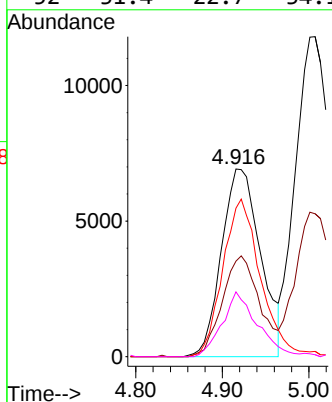
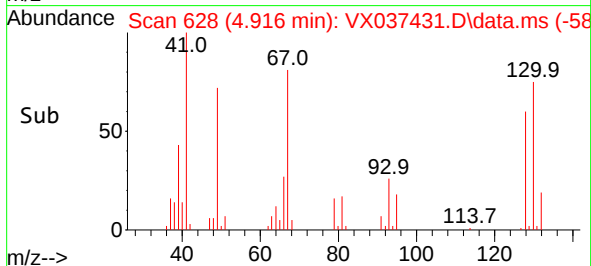
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01



Tgt Ion: 41 Resp: 21764  
Ion Ratio Lower Upper  
41 100  
39 51.5 45.2 67.8  
67 81.2 52.6 78.8  
52 31.4 22.7 34.1

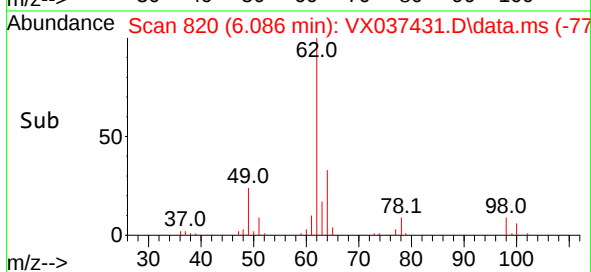
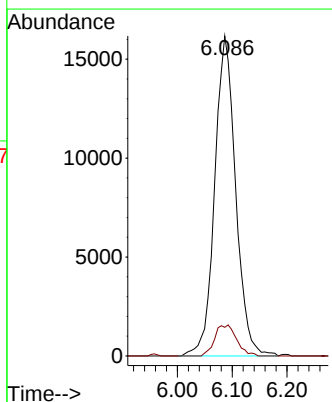
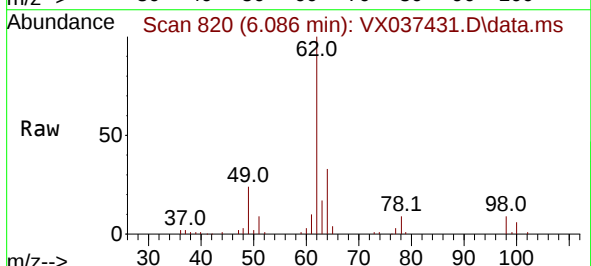
Manual Integrations  
APPROVED

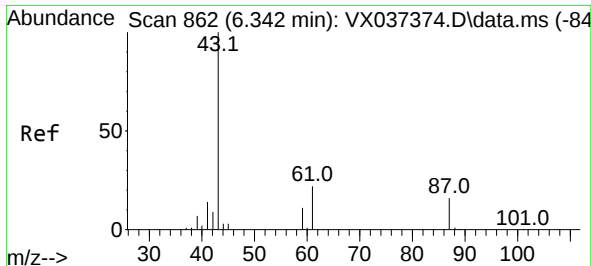
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#42  
1,2-Dichloroethane  
Concen: 18.553 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Tgt Ion: 62 Resp: 43018  
Ion Ratio Lower Upper  
62 100  
98 10.1 0.0 16.0





#43

Isopropyl Acetate

Concen: 18.627 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

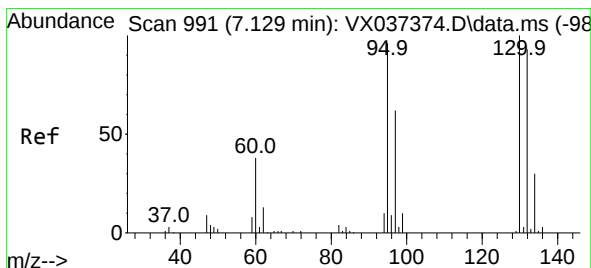
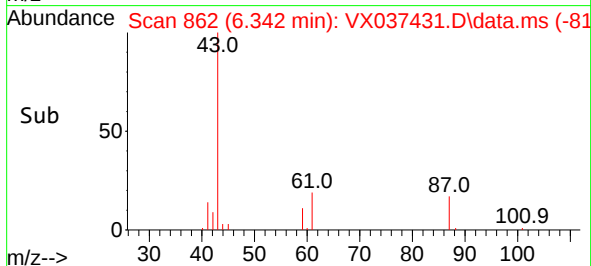
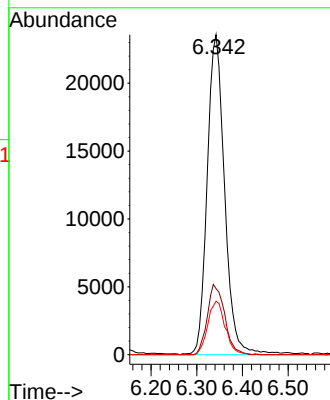
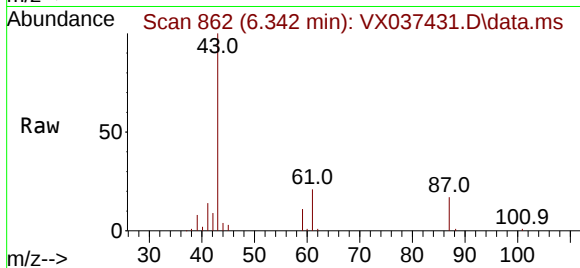
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 6227  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 22.0     | 15.2 22.8   |
| 87 16.7     | 9.8 14.6    |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#44

Trichloroethene

Concen: 18.112 ug/l

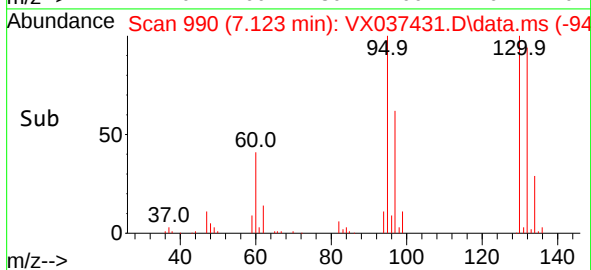
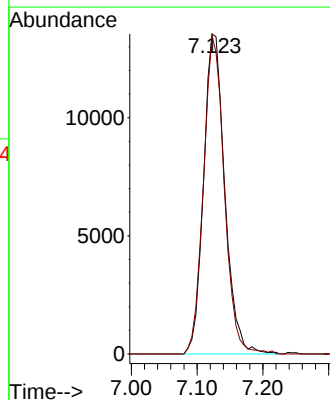
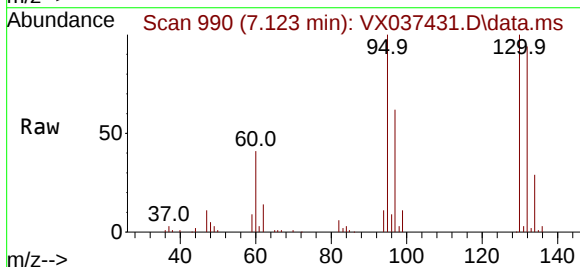
RT: 7.123 min Scan# 990

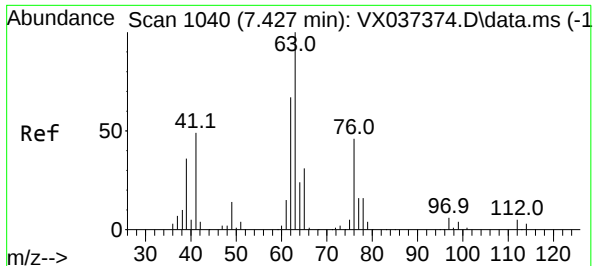
Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

|             |             |
|-------------|-------------|
| Tgt Ion:130 | Resp: 30366 |
| Ion Ratio   | Lower Upper |
| 130 100     |             |
| 95 99.5     | 0.0 204.4   |





#45

1,2-Dichloropropane

Concen: 19.817 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

Tgt Ion: 63 Resp: 28890

Ion Ratio Lower Upper

63 100

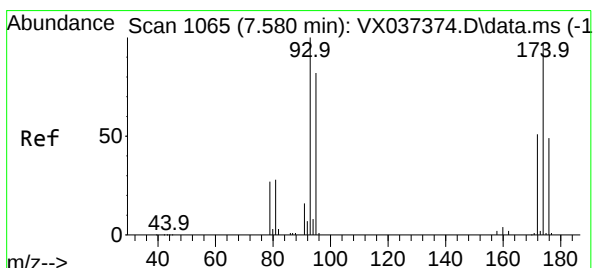
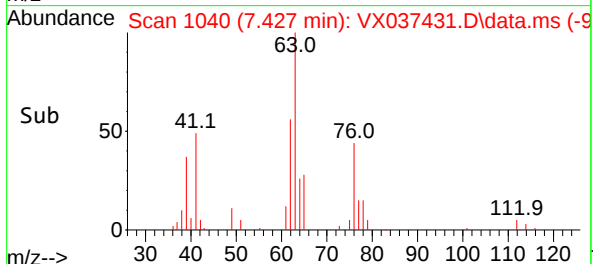
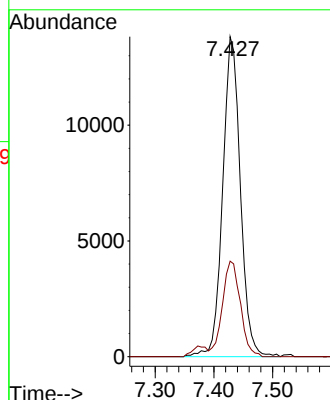
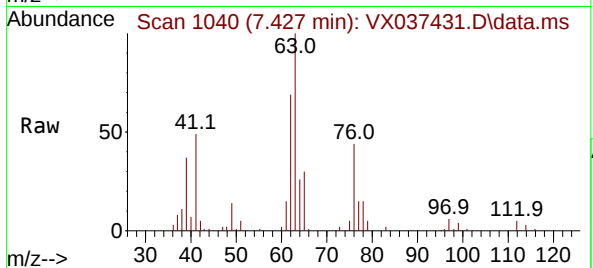
65 29.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#46

Dibromomethane

Concen: 19.635 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

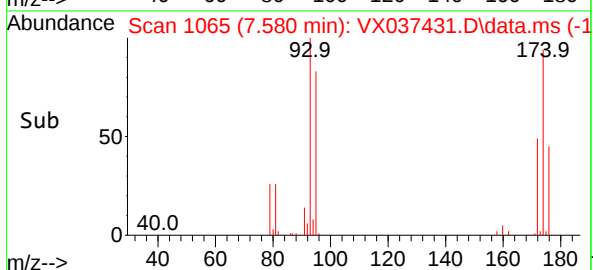
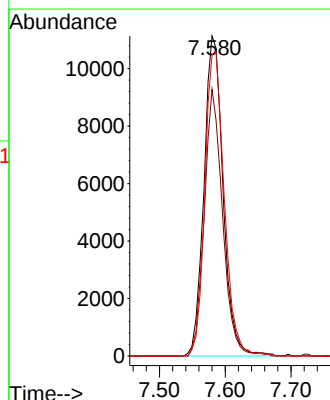
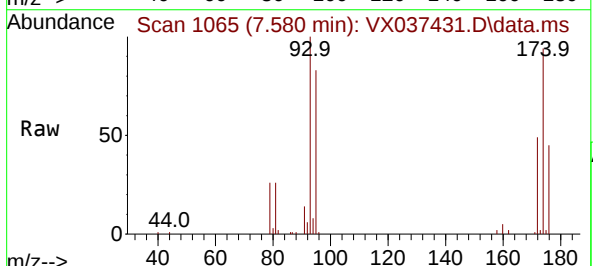
Tgt Ion: 93 Resp: 22550

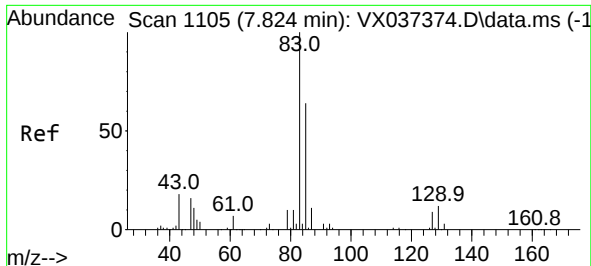
Ion Ratio Lower Upper

93 100

95 79.8 66.6 100.0

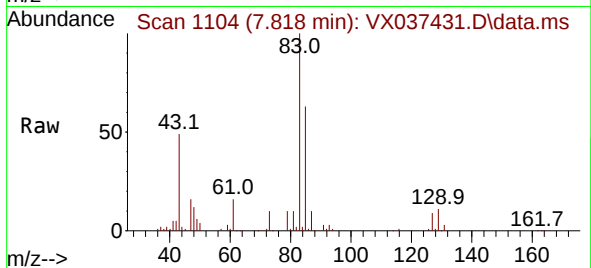
174 96.0 69.4 104.0





#47  
Bromodichloromethane  
Concen: 18.510 ug/l  
RT: 7.818 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

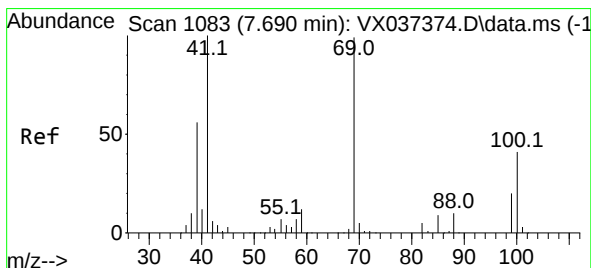
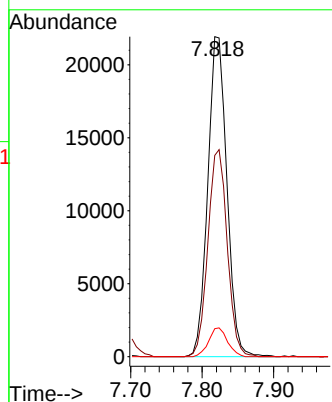
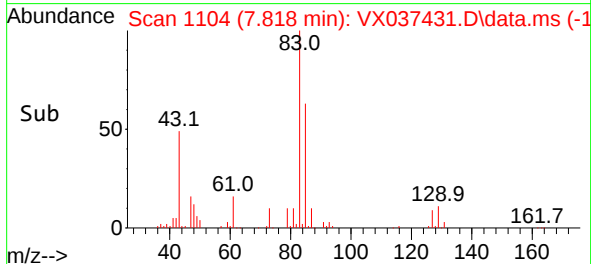
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01



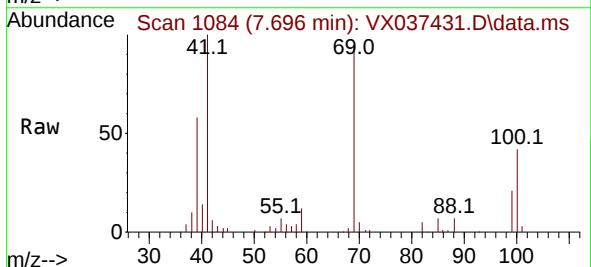
Tgt Ion: 83 Resp: 40718  
Ion Ratio Lower Upper  
83 100  
85 62.9 49.8 74.6  
127 8.8 7.1 10.7

Manual Integrations  
APPROVED

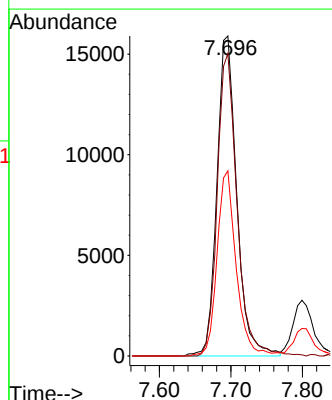
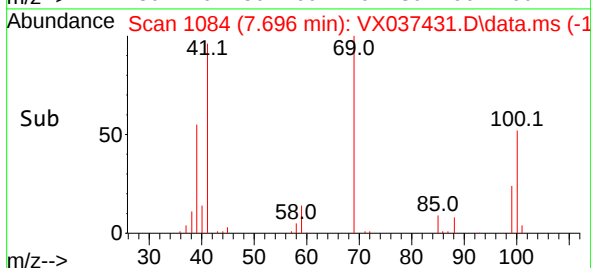
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023

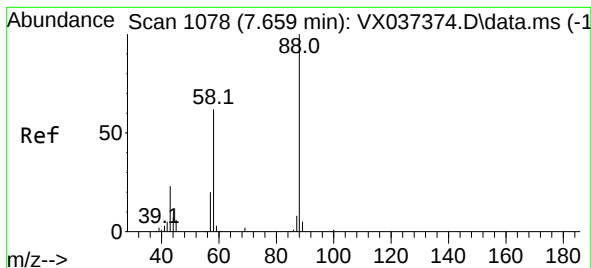


#48  
Methyl methacrylate  
Concen: 18.759 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29



Tgt Ion: 41 Resp: 30587  
Ion Ratio Lower Upper  
41 100  
69 94.3 59.2 88.8#  
39 56.0 47.7 71.5





#49

1,4-Dioxane

Concen: 418.447 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

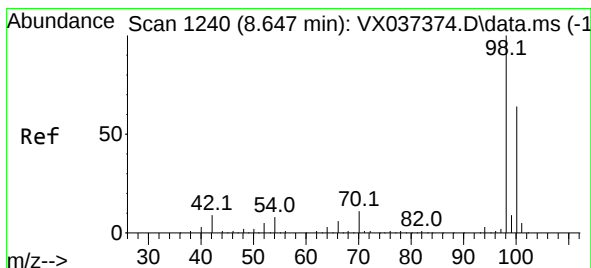
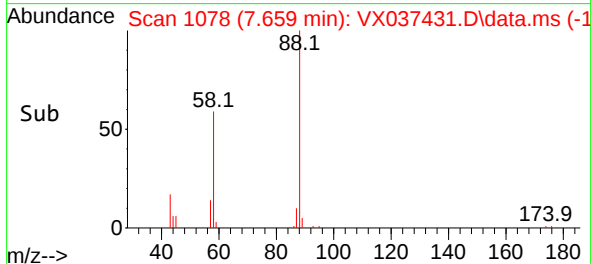
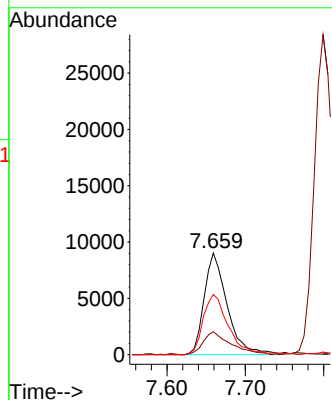
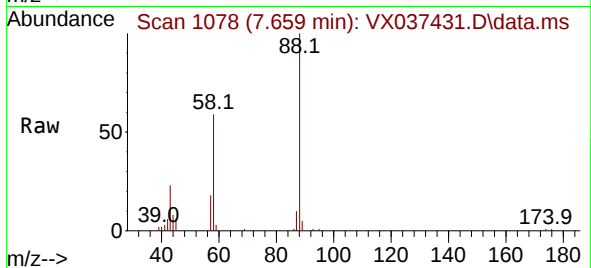
Tgt Ion: 88 Resp: 18375  
 Ion Ratio Lower Upper  
 88 100  
 43 27.0 0.0 0.0  
 58 65.2 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#50

Toluene-d8

Concen: 51.555 ug/l

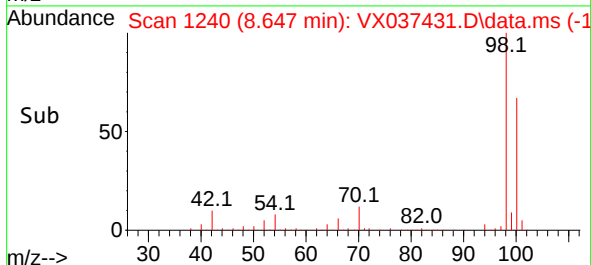
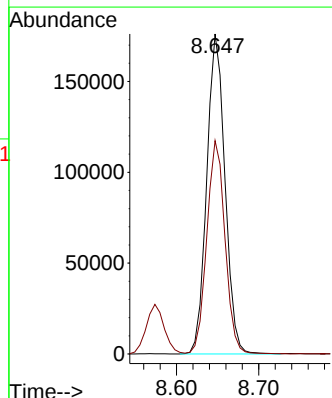
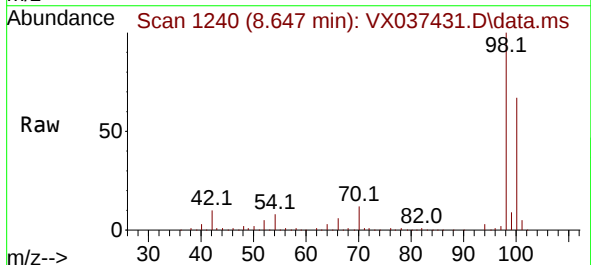
RT: 8.647 min Scan# 1240

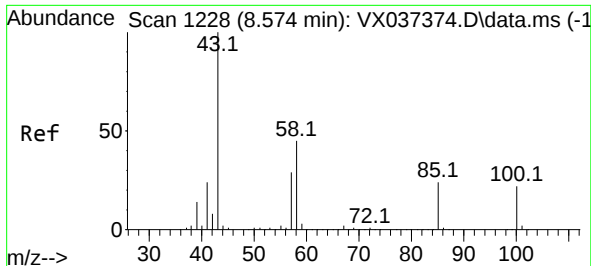
Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Tgt Ion: 98 Resp: 271367  
 Ion Ratio Lower Upper  
 98 100  
 100 66.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 99.400 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

Tgt Ion: 43 Resp: 20180

Ion Ratio Lower Upper

43 100

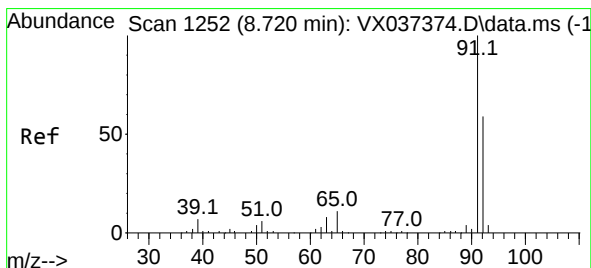
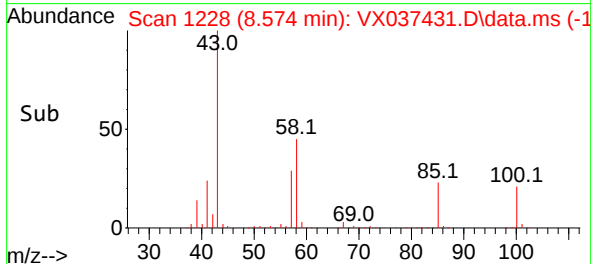
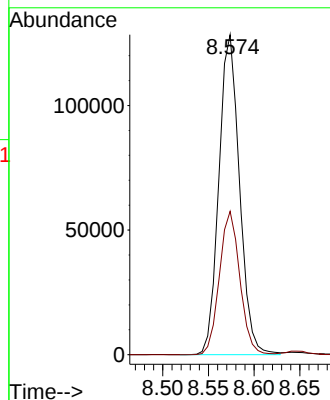
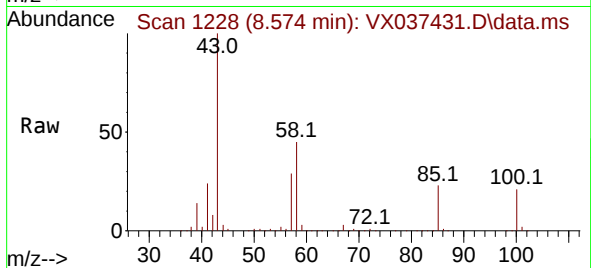
58 44.4 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#52

Toluene

Concen: 18.895 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX037431.D

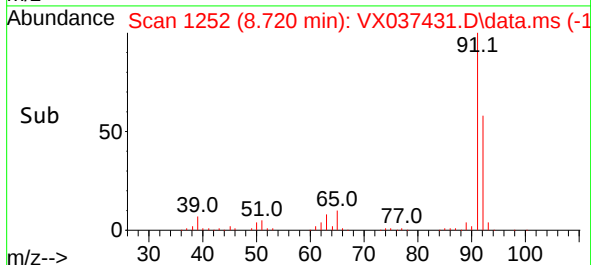
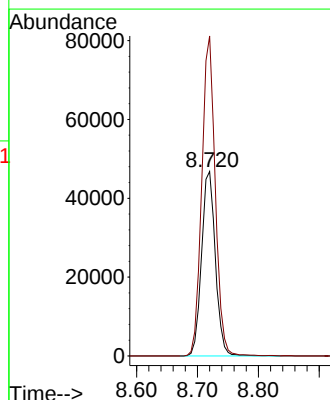
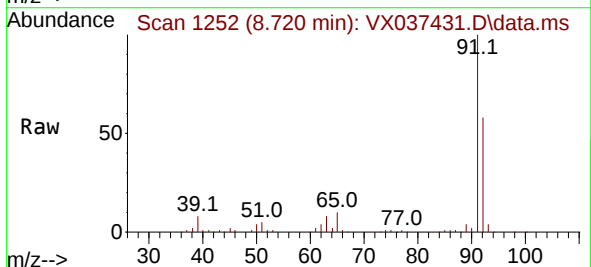
Acq: 31 Aug 2023 15:29

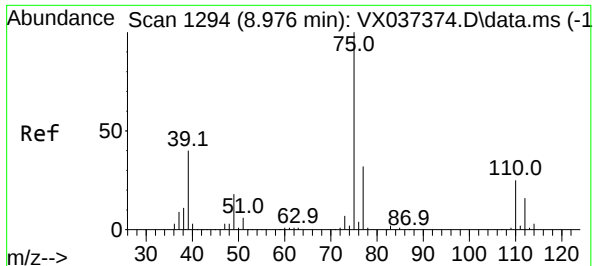
Tgt Ion: 92 Resp: 73814

Ion Ratio Lower Upper

92 100

91 169.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 17.987 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

Tgt Ion: 75 Resp: 42129

Ion Ratio Lower Upper

75 100

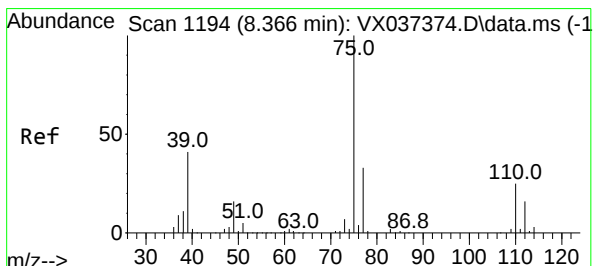
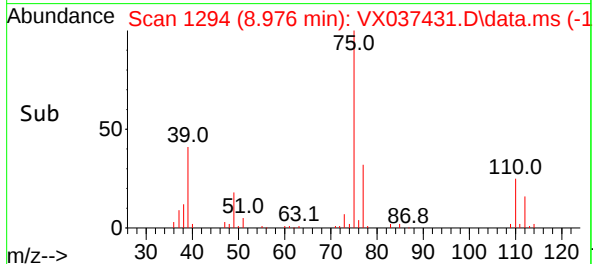
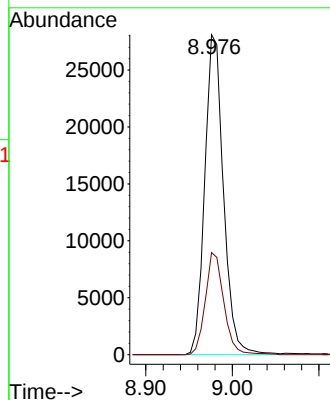
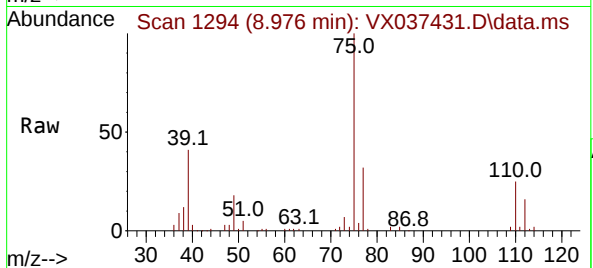
77 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#54

cis-1,3-Dichloropropene

Concen: 18.457 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

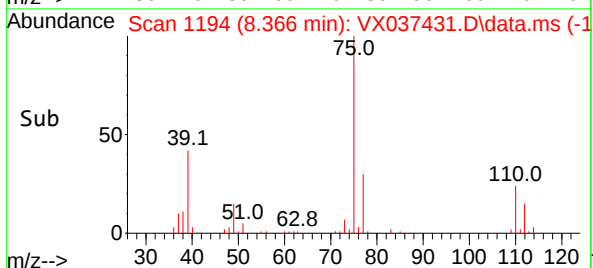
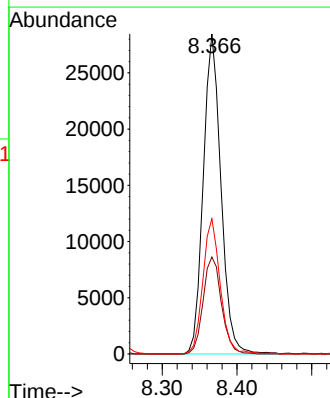
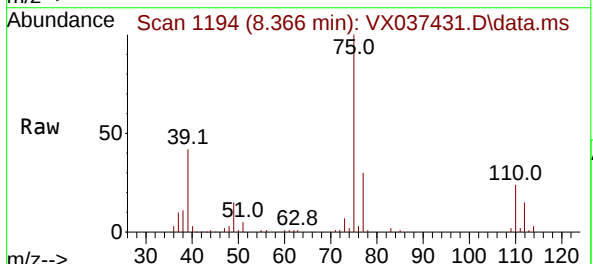
Tgt Ion: 75 Resp: 46716

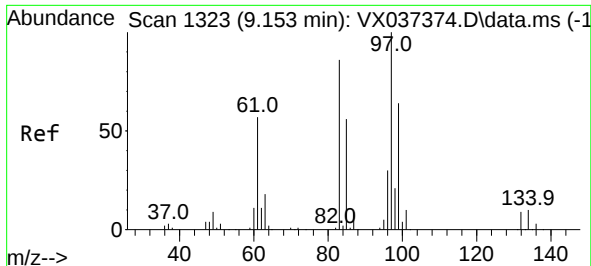
Ion Ratio Lower Upper

75 100

77 30.3 25.3 37.9

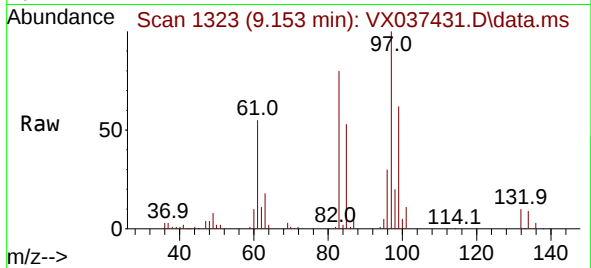
39 42.2 46.7 70.1#





#55  
1,1,2-Trichloroethane  
Concen: 20.405 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

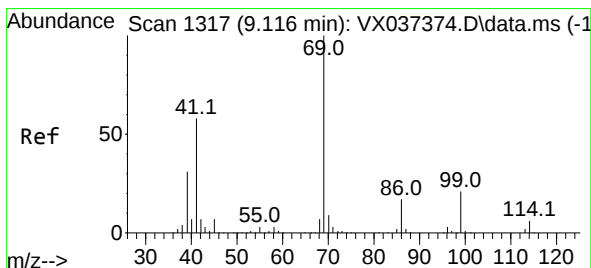
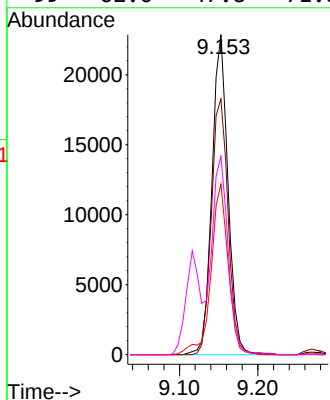
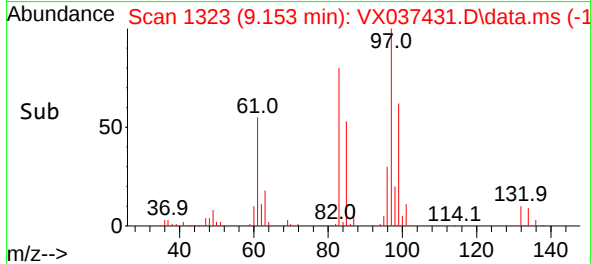
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01



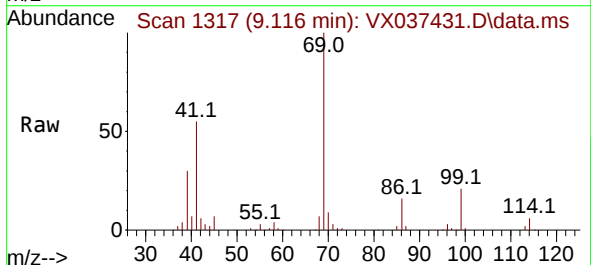
Tgt Ion: 97 Resp: 32458  
Ion Ratio Lower Upper  
97 100  
83 79.9 65.8 98.8  
85 53.3 41.6 62.4  
99 62.0 47.8 71.8

Manual Integrations  
APPROVED

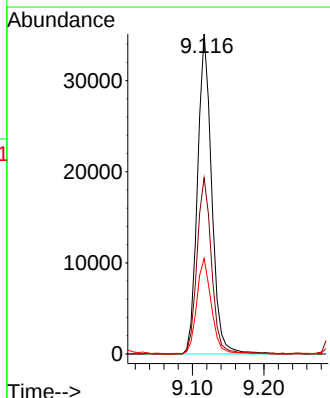
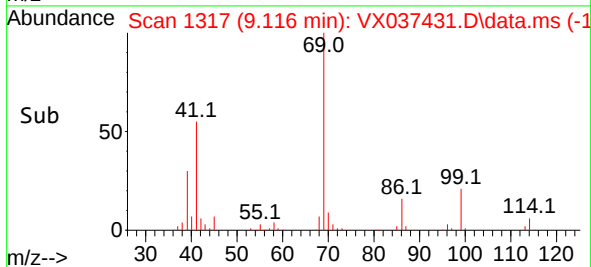
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023

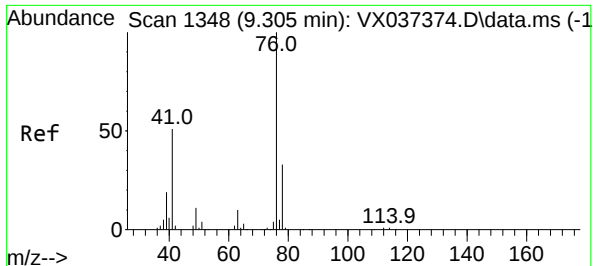


#56  
Ethyl methacrylate  
Concen: 19.349 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29



Tgt Ion: 69 Resp: 48212  
Ion Ratio Lower Upper  
69 100  
41 56.8 56.8 85.2#  
39 31.2 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 20.170 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

Tgt Ion: 76 Resp: 5408

Ion Ratio Lower Upper

76 100

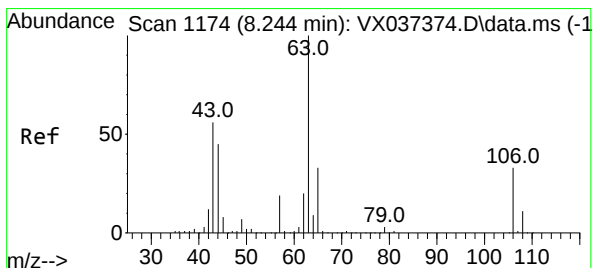
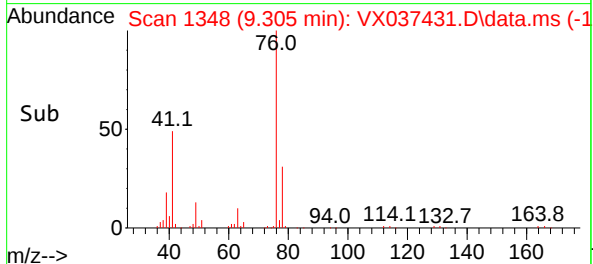
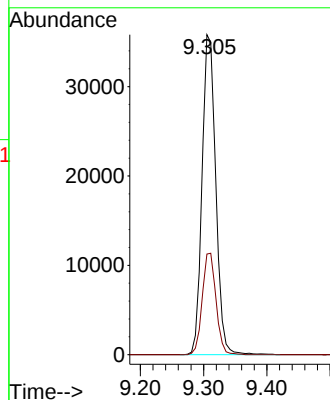
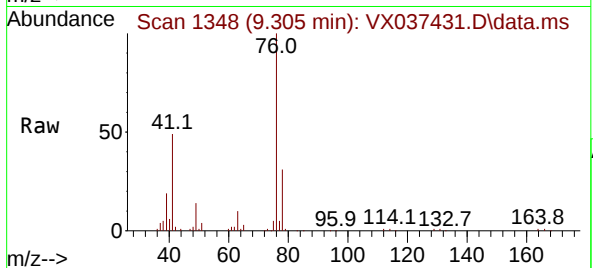
78 31.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 103.217 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX037431.D

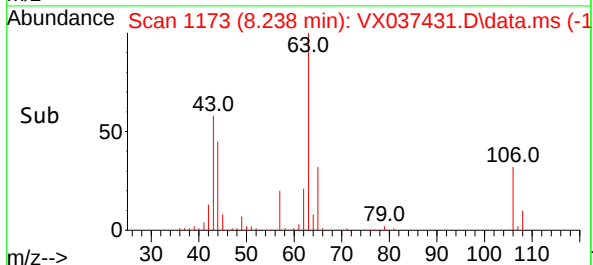
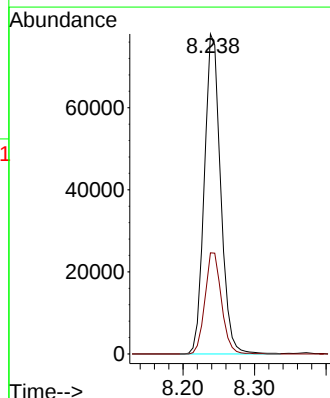
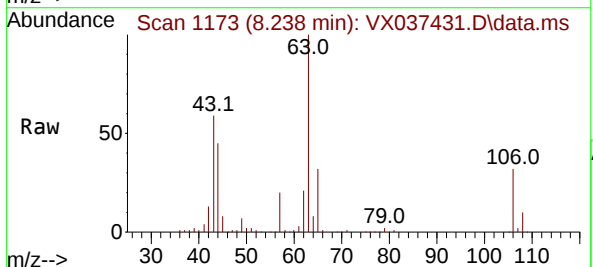
Acq: 31 Aug 2023 15:29

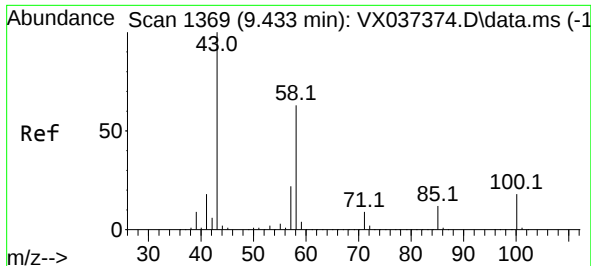
Tgt Ion: 63 Resp: 123421

Ion Ratio Lower Upper

63 100

106 32.0 22.5 33.7





#59

2-Hexanone

Concen: 100.418 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

Tgt Ion: 43 Resp: 155440

Ion Ratio Lower Upper

43 100

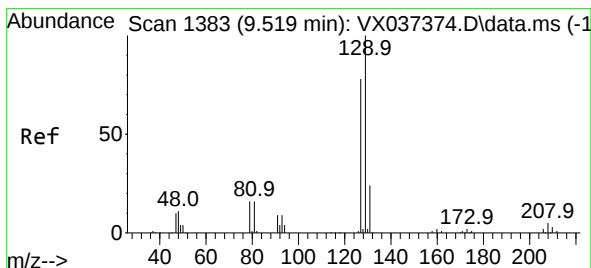
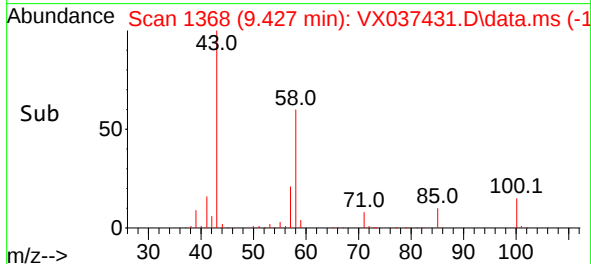
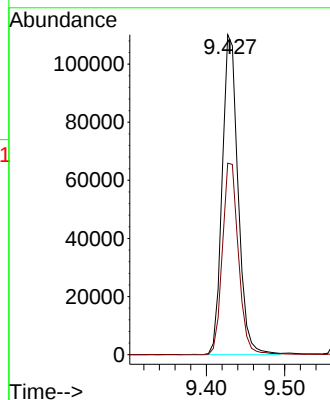
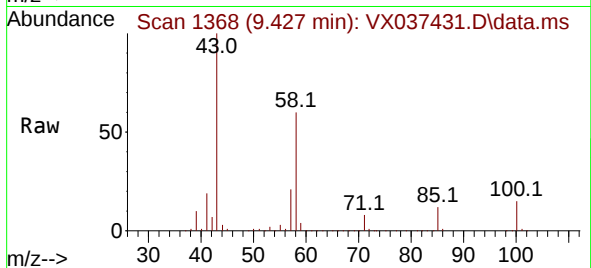
58 60.9 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#60

Dibromochloromethane

Concen: 19.082 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX037431.D

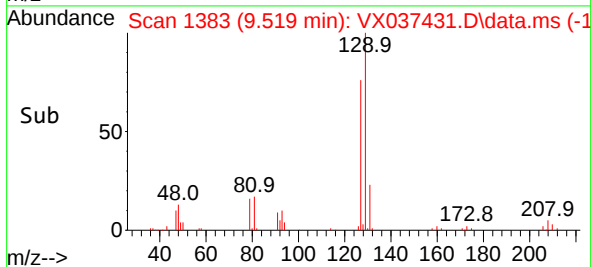
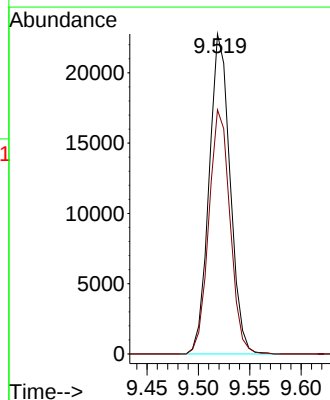
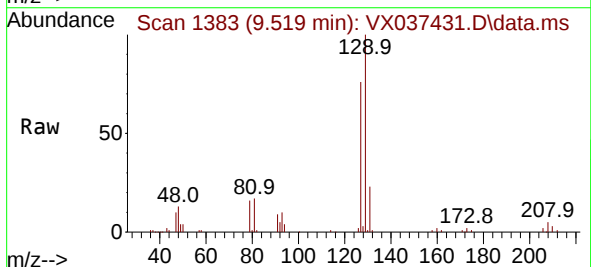
Acq: 31 Aug 2023 15:29

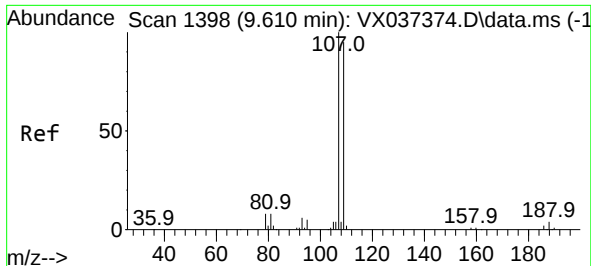
Tgt Ion:129 Resp: 32318

Ion Ratio Lower Upper

129 100

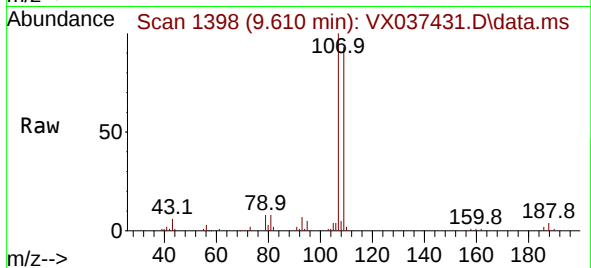
127 77.1 38.8 116.4





#61  
1,2-Dibromoethane  
Concen: 19.588 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

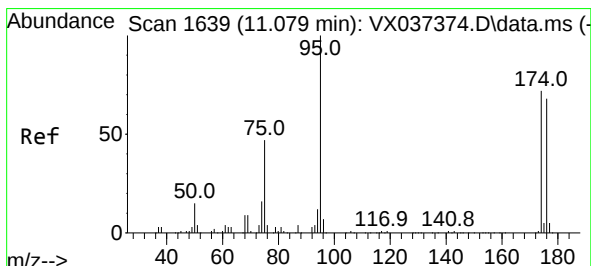
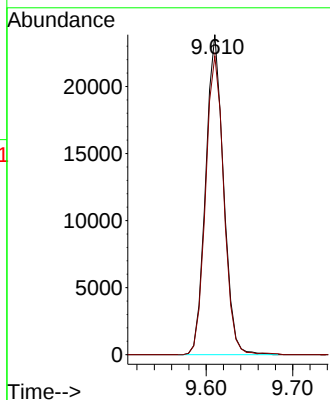
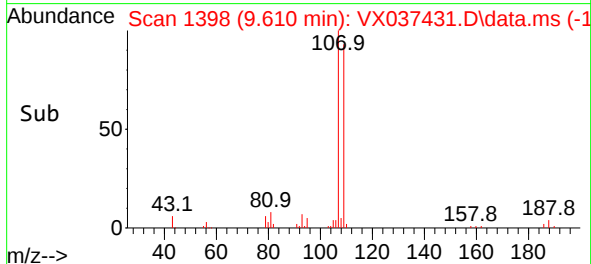
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01



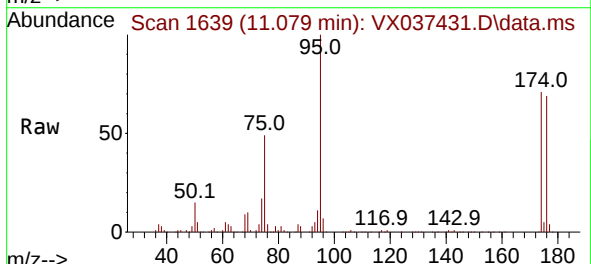
Tgt Ion:107 Resp: 34110  
Ion Ratio Lower Upper  
107 100  
109 95.1 75.2 112.8

Manual Integrations  
APPROVED

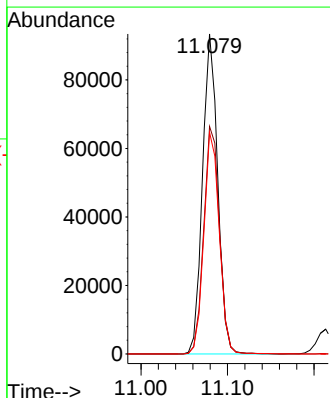
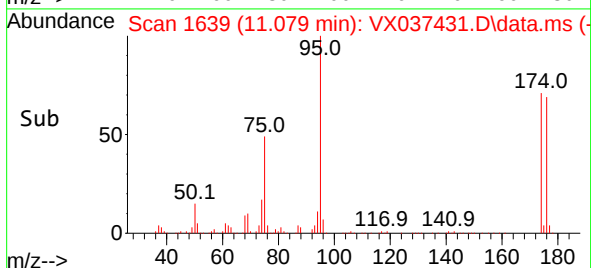
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023

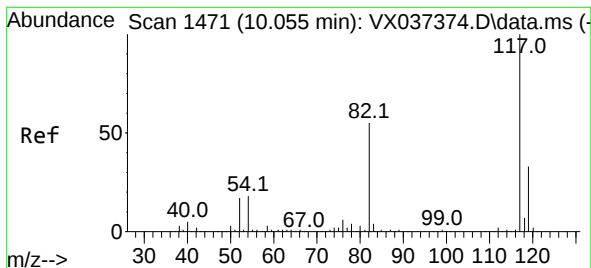


#62  
4-Bromofluorobenzene  
Concen: 55.017 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29



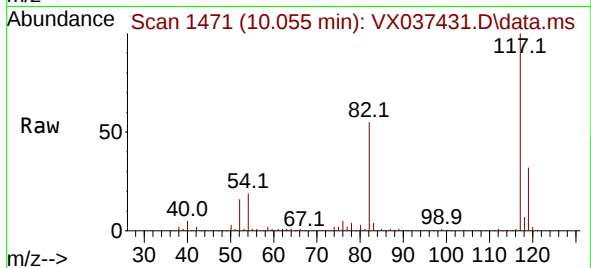
Tgt Ion: 95 Resp: 113803  
Ion Ratio Lower Upper  
95 100  
174 73.9 0.0 135.6  
176 70.4 0.0 131.0





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

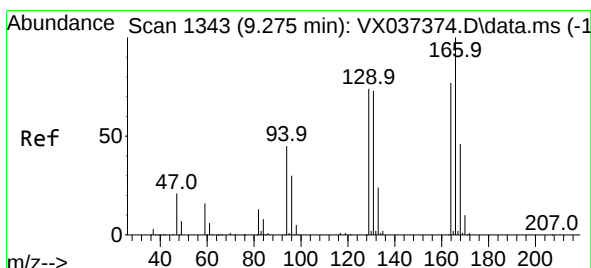
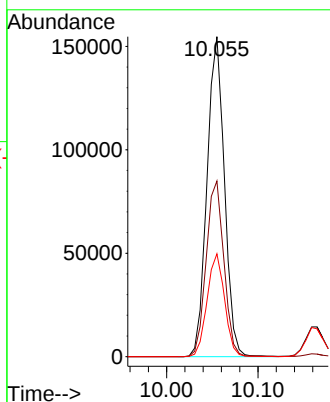
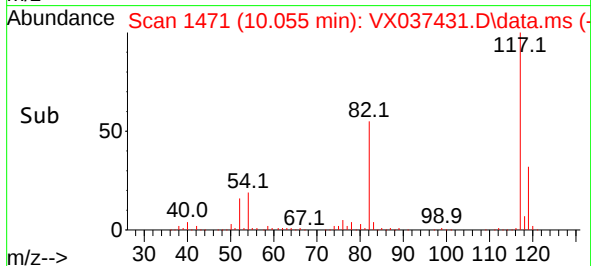
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01



Tgt Ion:117 Resp: 204259  
Ion Ratio Lower Upper  
117 100  
82 54.9 46.2 69.4  
119 32.2 25.5 38.3

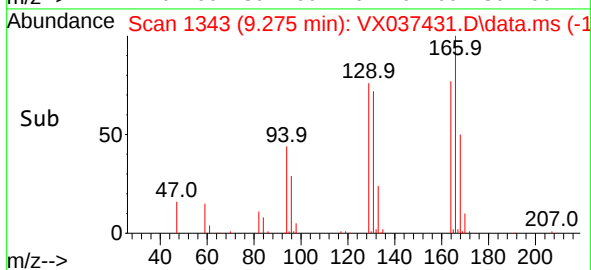
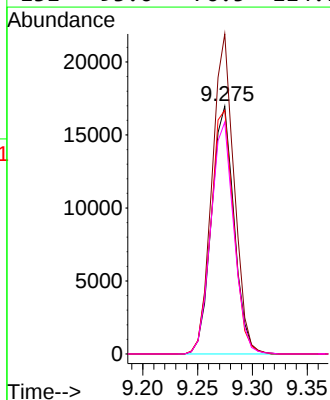
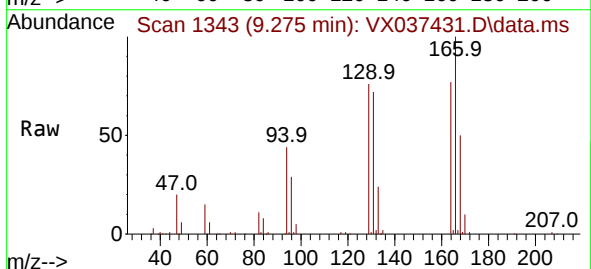
Manual Integrations  
APPROVED

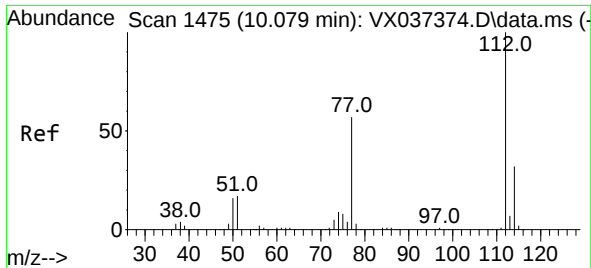
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#64  
Tetrachloroethene  
Concen: 16.269 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Tgt Ion:164 Resp: 24243  
Ion Ratio Lower Upper  
164 100  
166 129.2 102.7 154.1  
129 98.3 80.4 120.6  
131 93.6 76.5 114.7





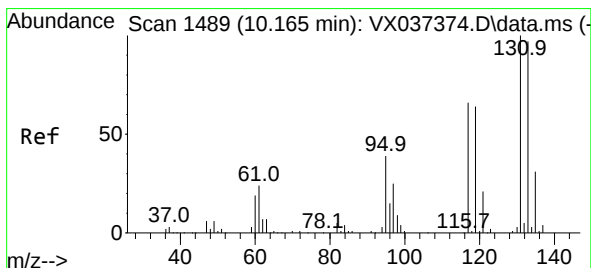
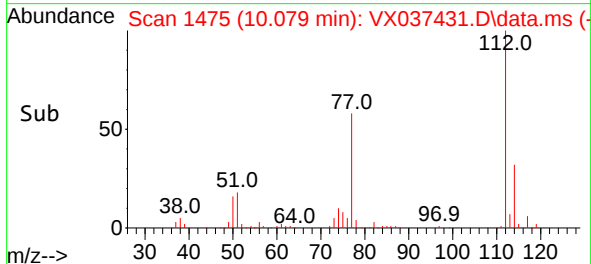
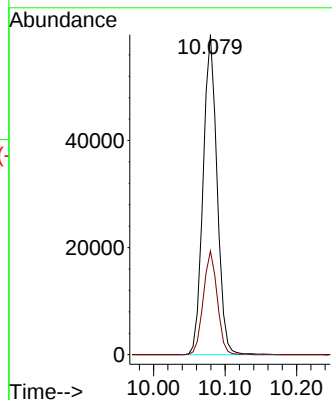
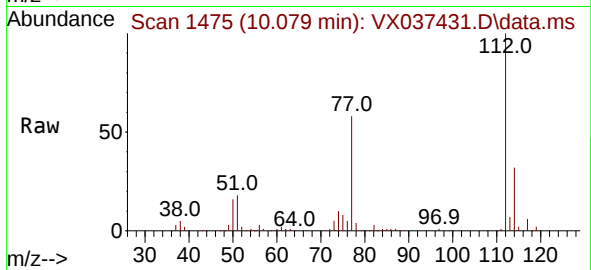
#65  
Chlorobenzene  
Concen: 18.821 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01

Tgt Ion:112 Resp: 8125  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.7 38.5

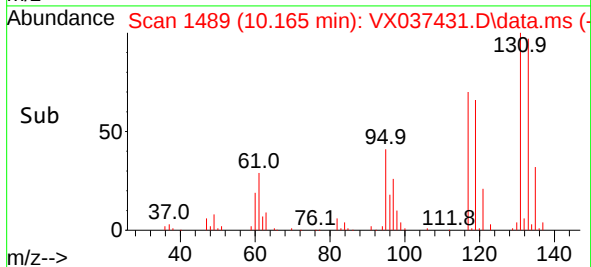
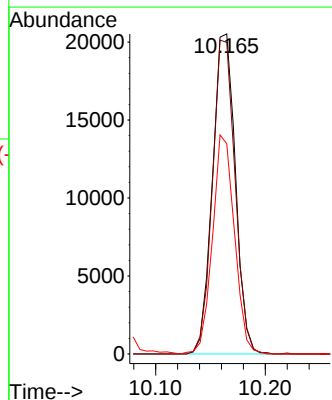
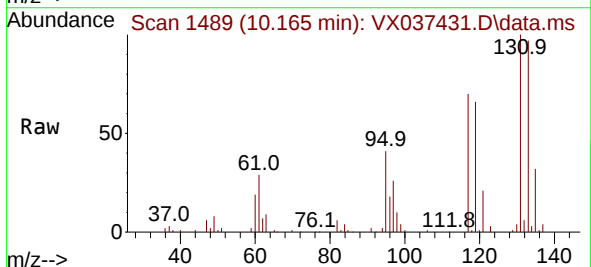
Manual Integrations  
APPROVED

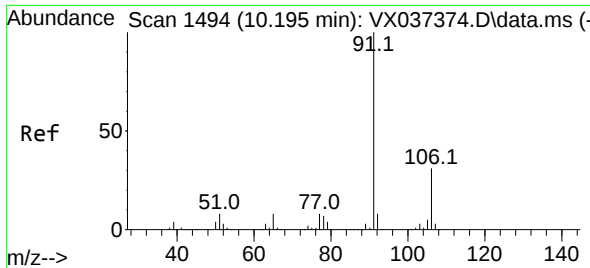
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 18.685 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

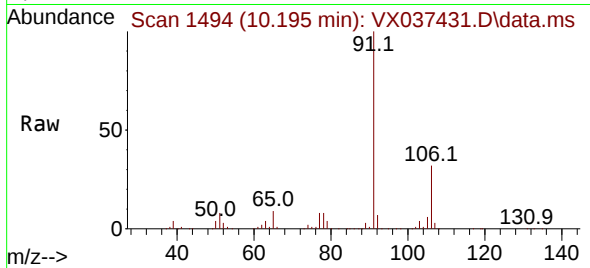
Tgt Ion:131 Resp: 29772  
Ion Ratio Lower Upper  
131 100  
133 96.9 47.1 141.4  
119 65.7 32.2 96.6





#67  
Ethyl Benzene  
Concen: 18.575 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

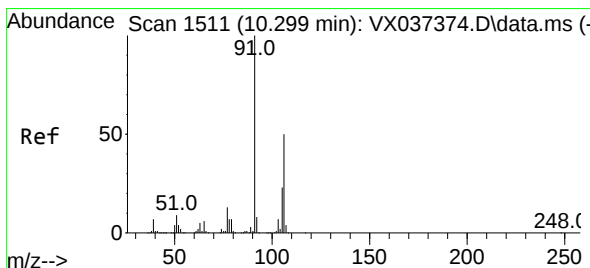
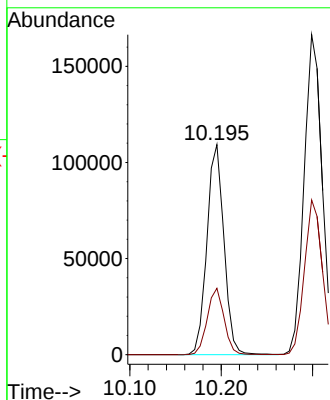
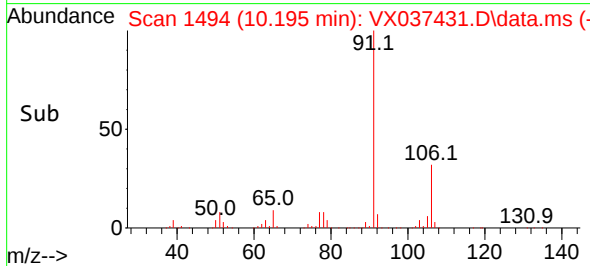
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01



Tgt Ion: 91 Resp: 141100  
Ion Ratio Lower Upper  
91 100  
106 31.6 24.9 37.3

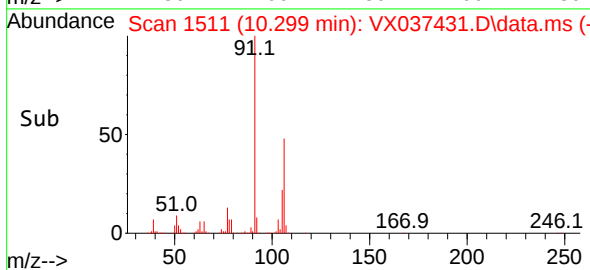
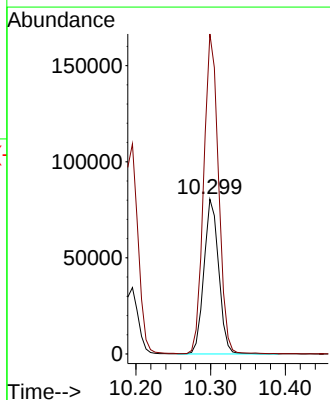
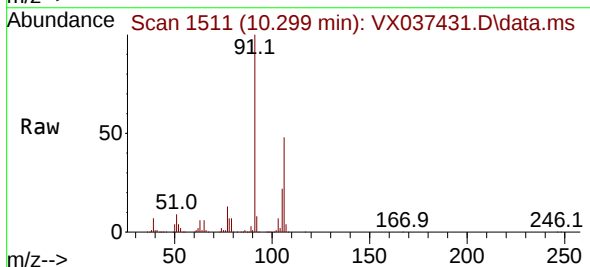
Manual Integrations  
APPROVED

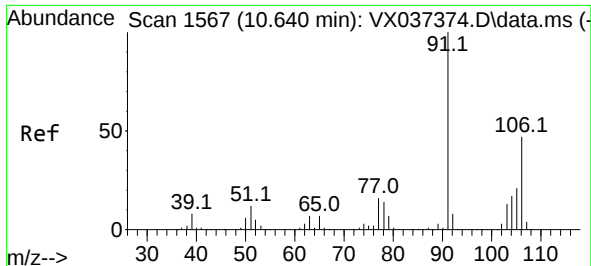
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#68  
m/p-Xylenes  
Concen: 37.588 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Tgt Ion:106 Resp: 110265  
Ion Ratio Lower Upper  
106 100  
91 207.9 165.5 248.3





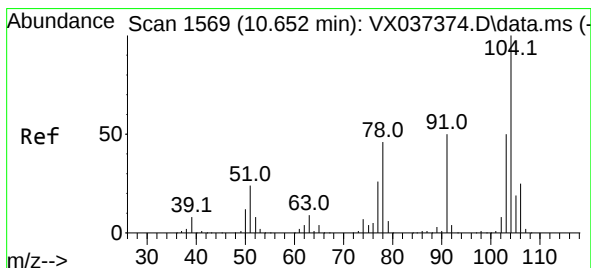
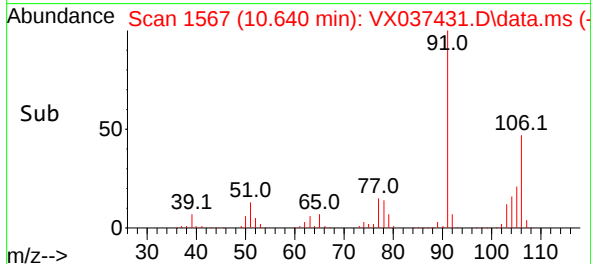
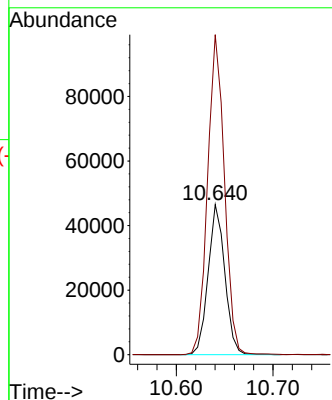
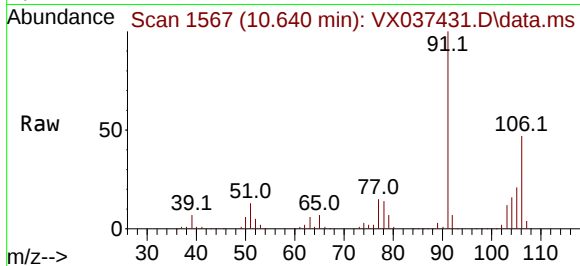
#69  
o-Xylene  
Concen: 19.330 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01

Tgt Ion:106 Resp: 55940  
Ion Ratio Lower Upper  
106 100  
91 215.0 108.9 326.8

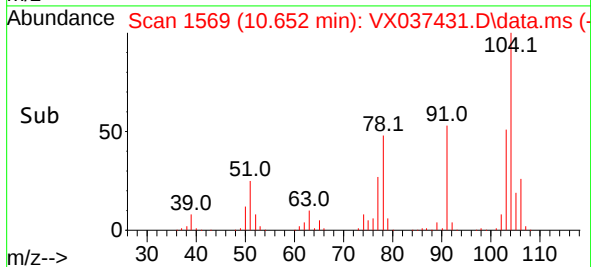
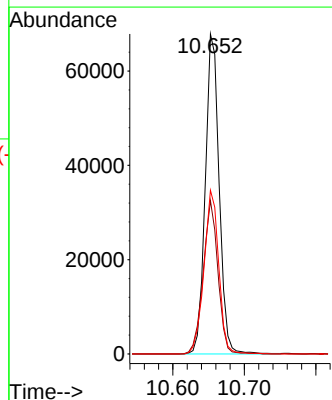
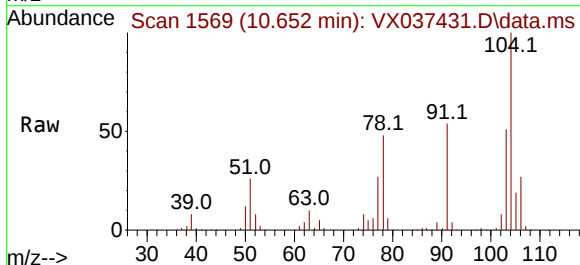
Manual Integrations  
APPROVED

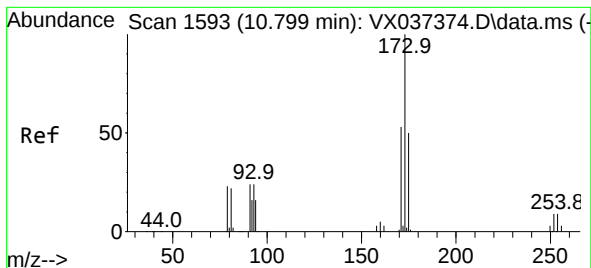
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#70  
Styrene  
Concen: 19.233 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Tgt Ion:104 Resp: 91697  
Ion Ratio Lower Upper  
104 100  
78 51.0 43.6 65.4  
103 54.5 43.6 65.4





#71

Bromoform

Concen: 18.707 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

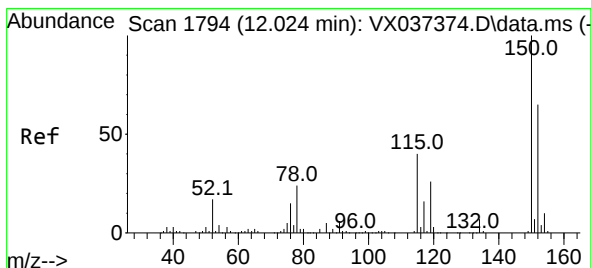
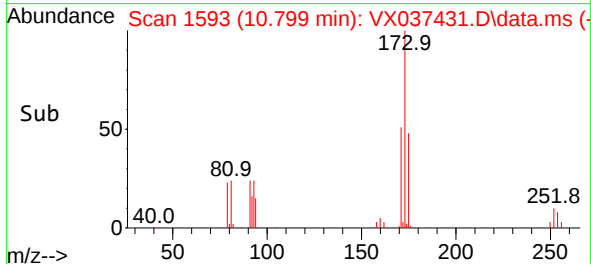
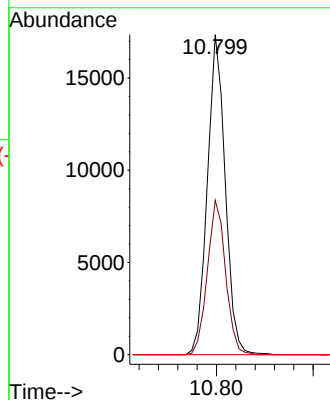
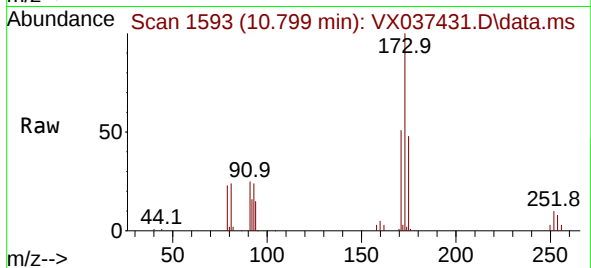
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 22290     |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 49.2  | 24.1 72.4 |
| 254         | 0.0   | 0.0 0.0   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

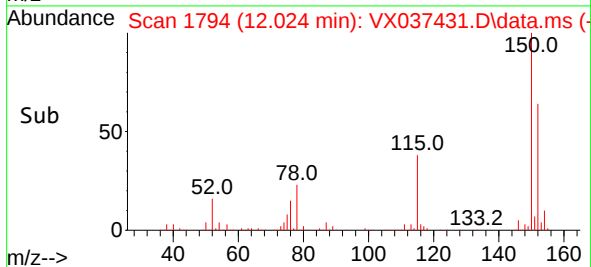
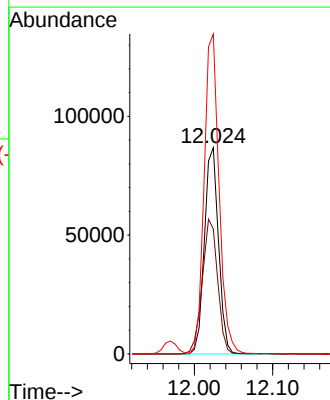
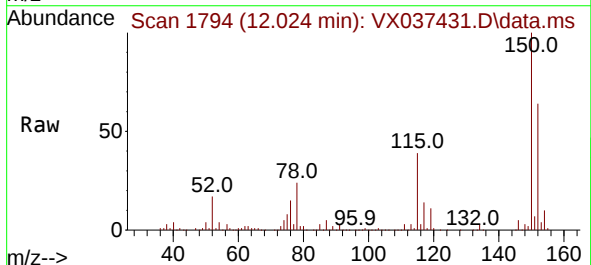
RT: 12.024 min Scan# 1794

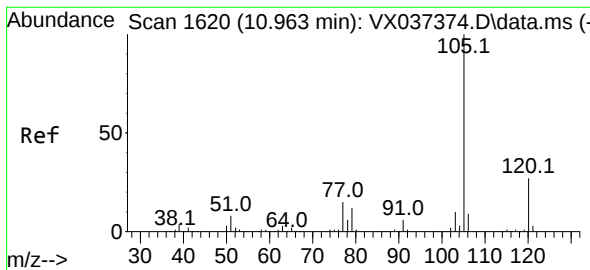
Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:152 | Resp: | 108467     |
| Ion Ratio   | Lower | Upper      |
| 152         | 100   |            |
| 115         | 71.4  | 43.3 129.9 |
| 150         | 163.1 | 0.0 345.0  |





#73

Isopropylbenzene

Concen: 18.303 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

Tgt Ion:105 Resp: 144300

Ion Ratio Lower Upper

105 100

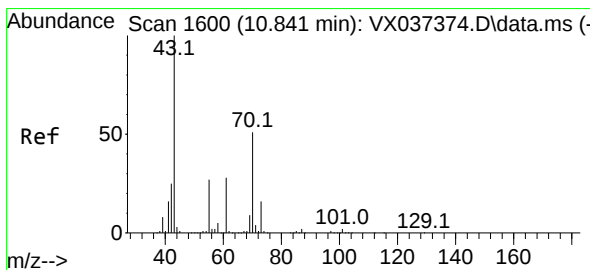
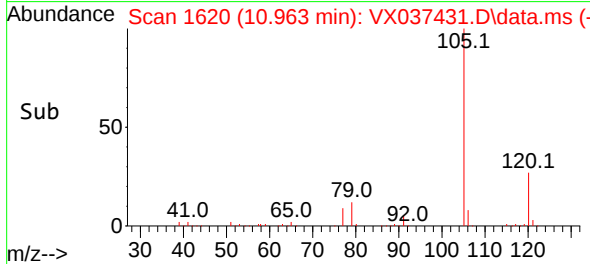
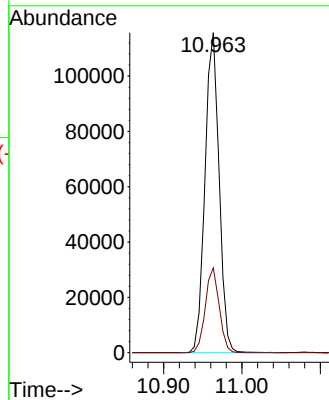
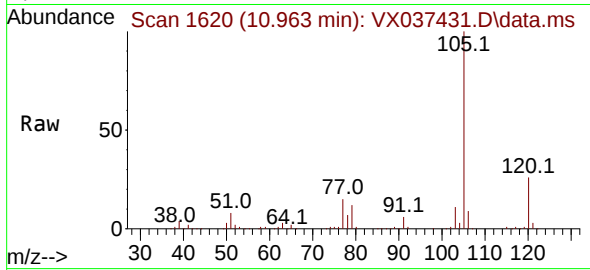
120 26.0 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#74

N-ethyl acetate

Concen: 17.304 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Tgt Ion: 43 Resp: 53010

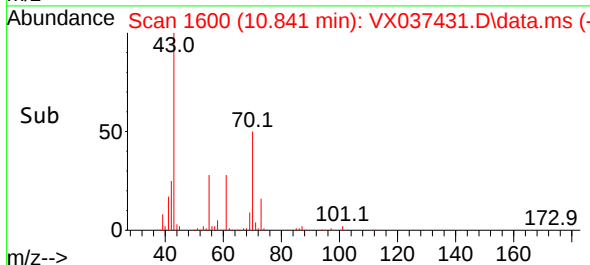
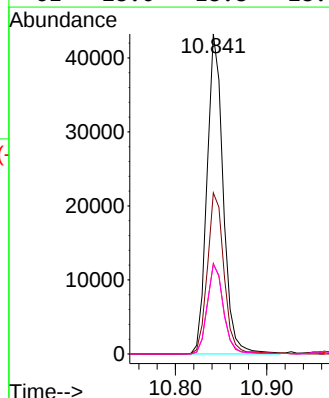
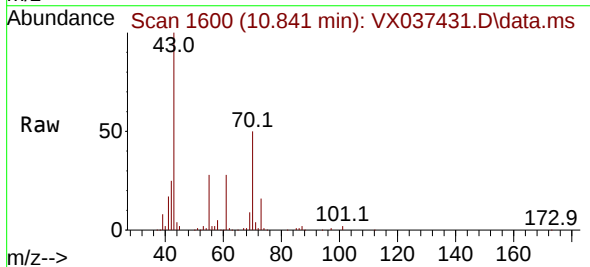
Ion Ratio Lower Upper

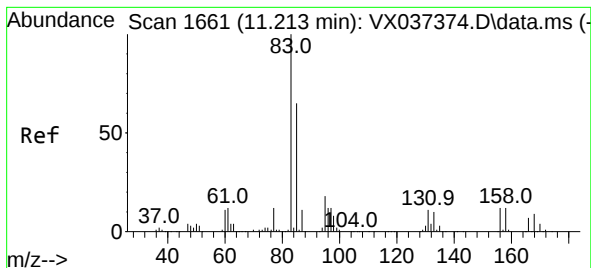
43 100

70 52.0 32.9 49.3#

55 28.3 19.3 28.9

61 28.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.752 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

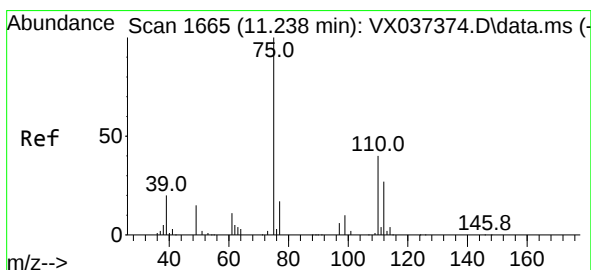
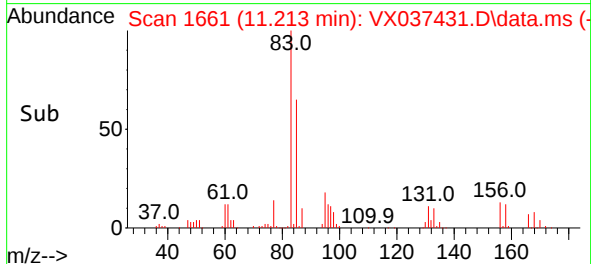
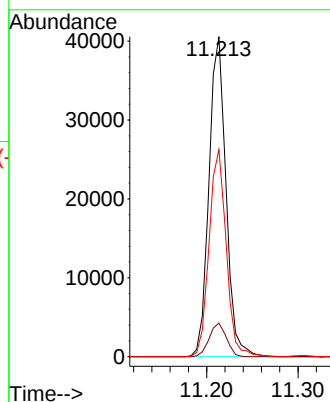
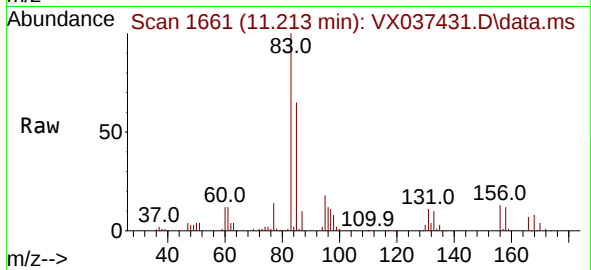
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 5244  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 131 10.5    | 5.3 15.8    |
| 85 65.2     | 32.0 96.2   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#76

1,2,3-Trichloropropane

Concen: 18.535 ug/l m

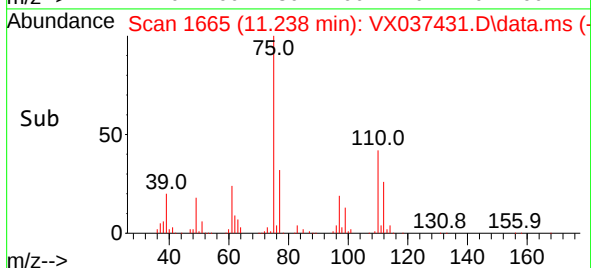
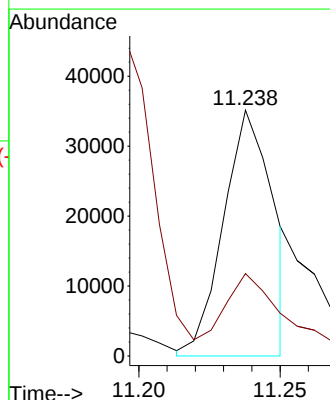
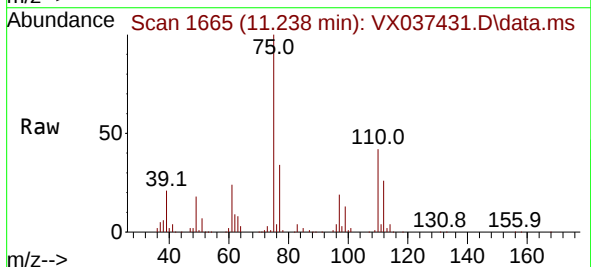
RT: 11.238 min Scan# 1665

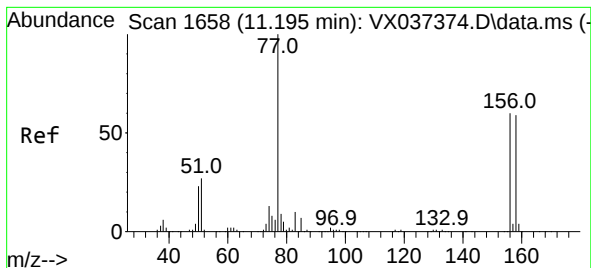
Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 42816 |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 42.4     | 19.1 57.5   |





#77

Bromobenzene

Concen: 18.651 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

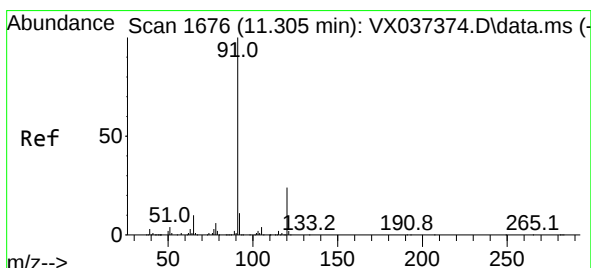
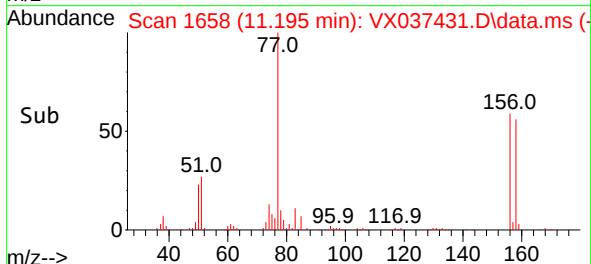
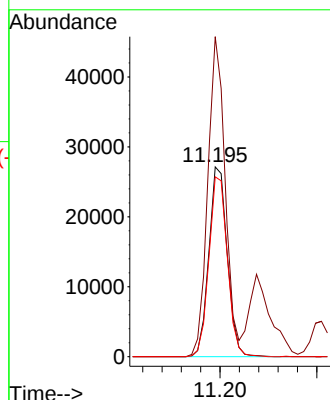
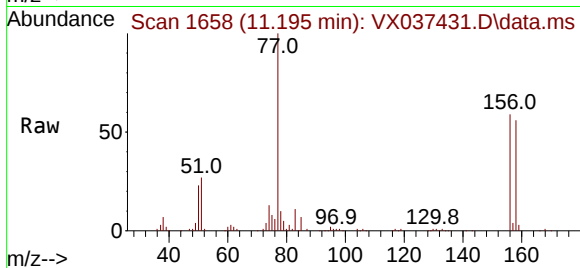
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 3591  |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 159.1 | 88.4  | 265.3 |
| 158       | 95.2  | 48.0  | 144.0 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#78

n-propylbenzene

Concen: 18.482 ug/l

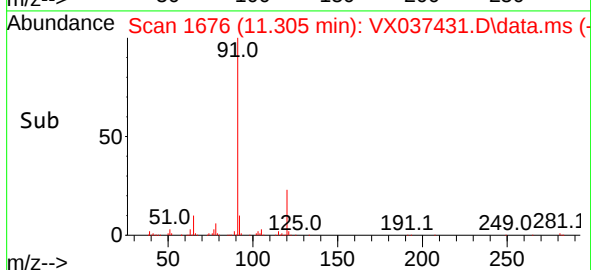
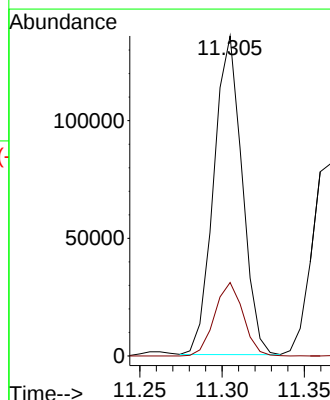
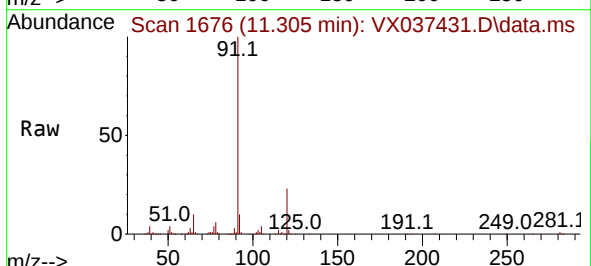
RT: 11.305 min Scan# 1676

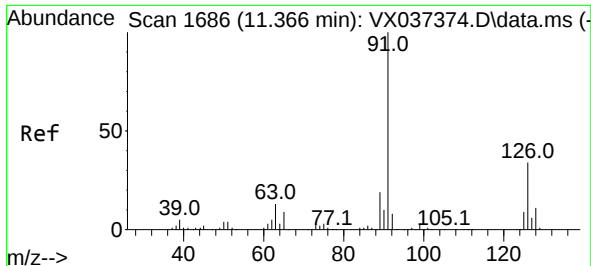
Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 162252 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.2  | 11.5  | 34.4   |





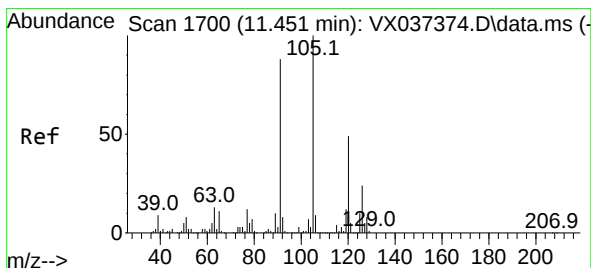
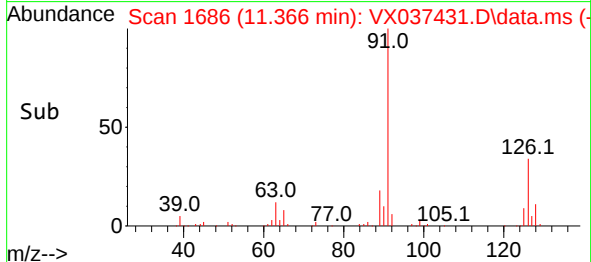
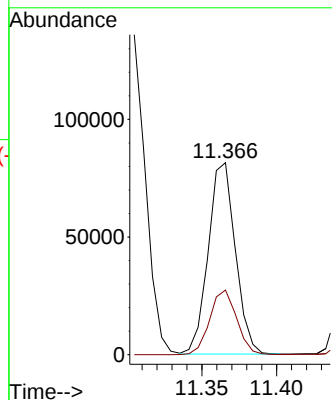
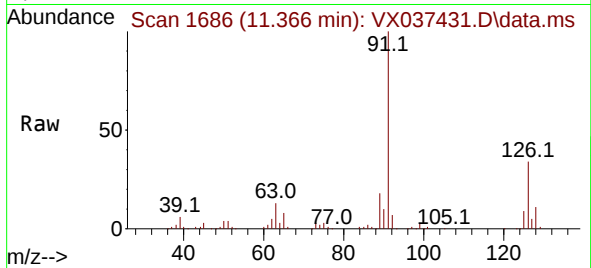
#79  
2-Chlorotoluene  
Concen: 18.310 ug/l  
RT: 11.366 min Scan# 1100  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01

Tgt Ion: 91 Resp: 10272  
Ion Ratio Lower Upper  
91 100  
126 33.5 16.3 48.8

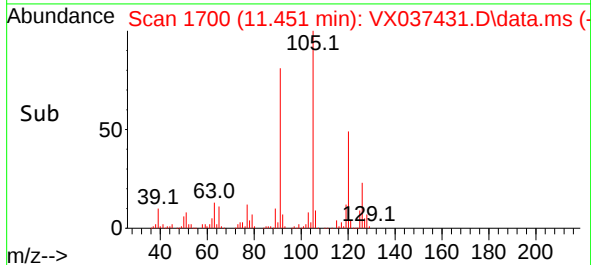
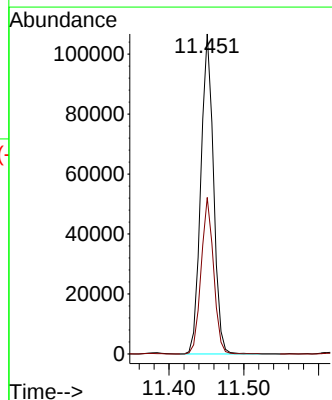
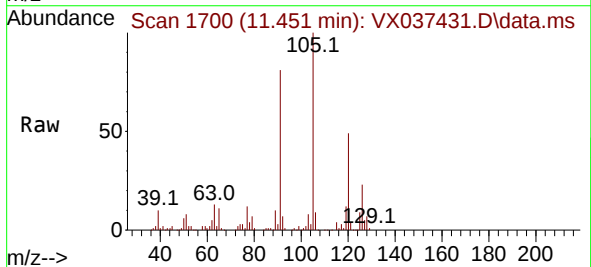
Manual Integrations  
APPROVED

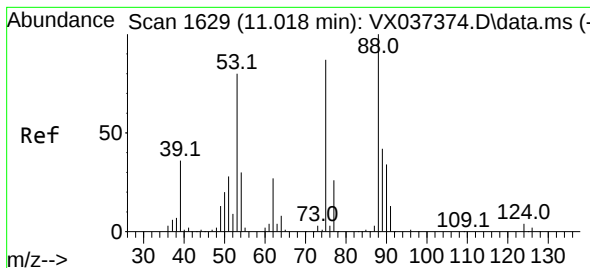
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 19.093 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Tgt Ion:105 Resp: 125568  
Ion Ratio Lower Upper  
105 100  
120 47.9 24.1 72.3





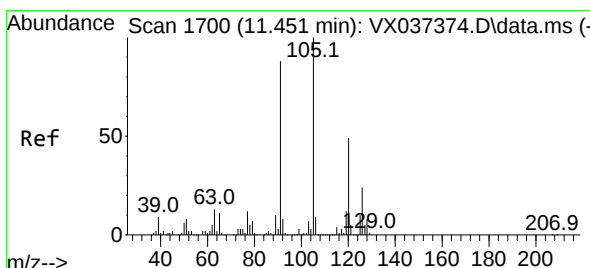
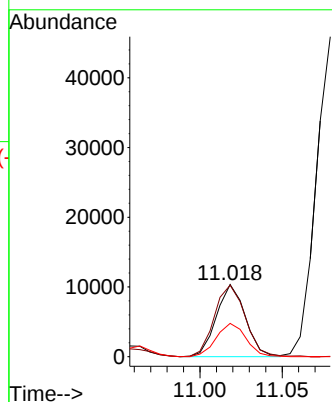
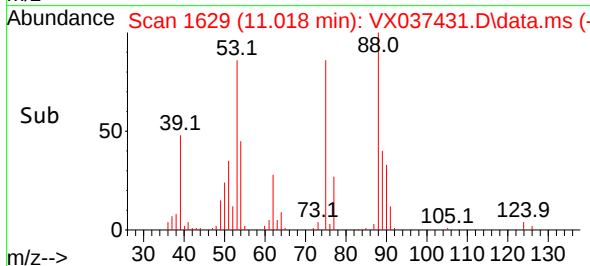
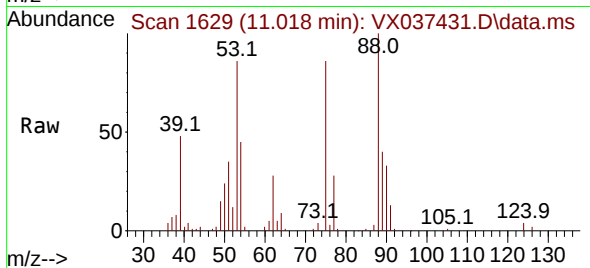
#81  
trans-1,4-Dichloro-2-butene  
Concen: 15.313 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01

Tgt Ion: 75 Resp: 1266  
Ion Ratio Lower Upper  
75 100  
53 105.7 90.5 135.7  
89 47.4 36.9 55.3

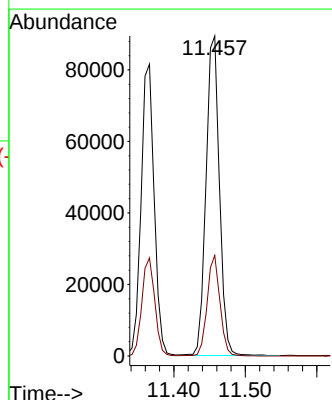
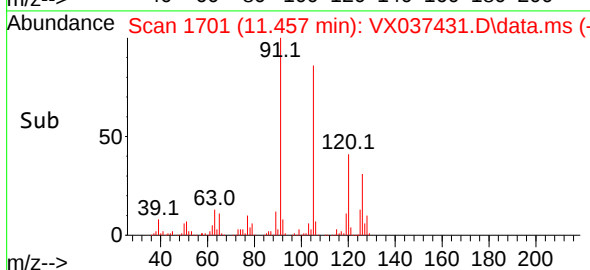
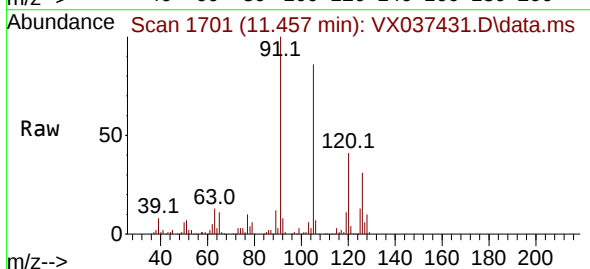
Manual Integrations  
APPROVED

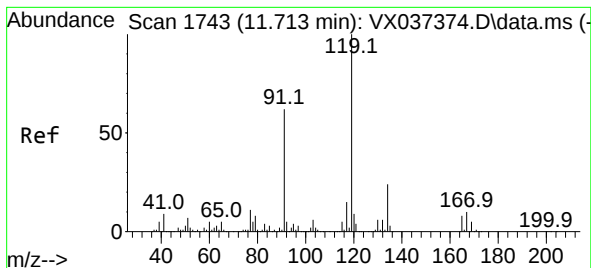
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#82  
4-Chlorotoluene  
Concen: 17.996 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Tgt Ion: 91 Resp: 116542  
Ion Ratio Lower Upper  
91 100  
126 29.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.724 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

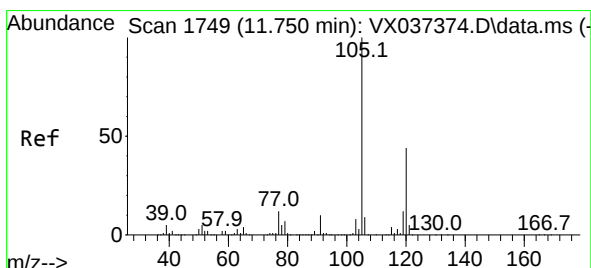
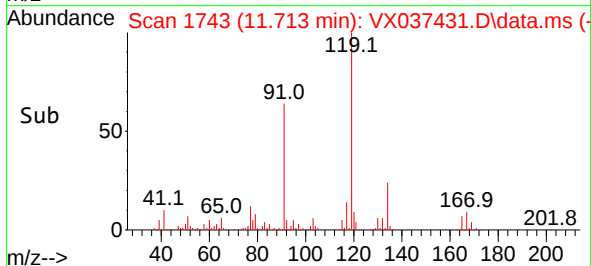
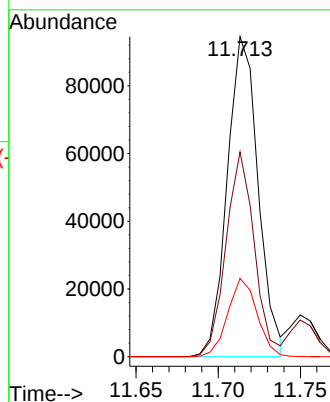
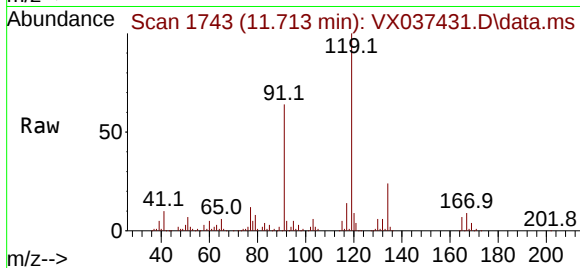
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 119   | Resp: | 123709 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 58.9  | 31.2  | 93.6   |
| 134       | 23.2  | 11.7  | 35.0   |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#84

1,2,4-Trimethylbenzene

Concen: 18.854 ug/l

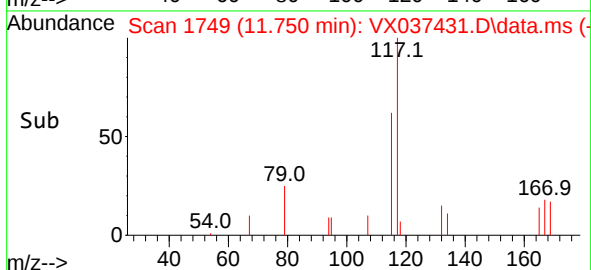
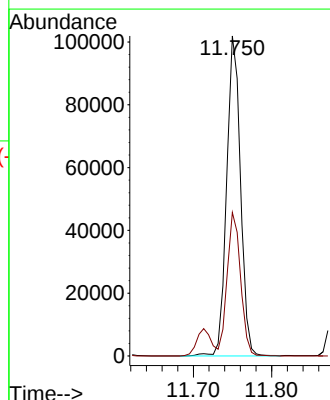
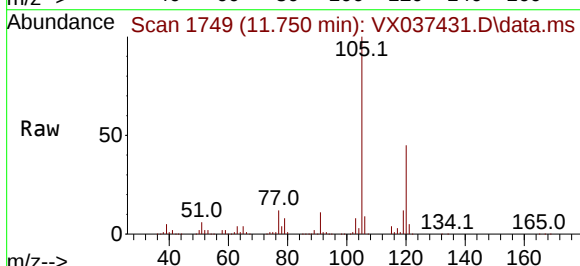
RT: 11.750 min Scan# 1749

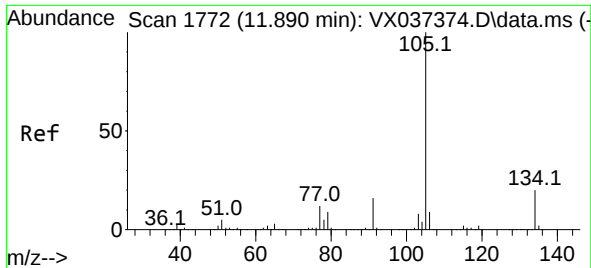
Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

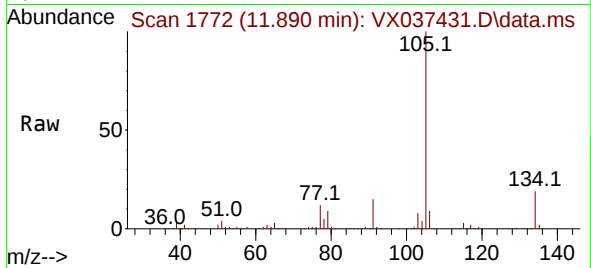
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 125317 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 43.5  | 21.2  | 63.6   |





#85  
 sec-Butylbenzene  
 Concen: 20.705 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX037431.D  
 Acq: 31 Aug 2023 15:29

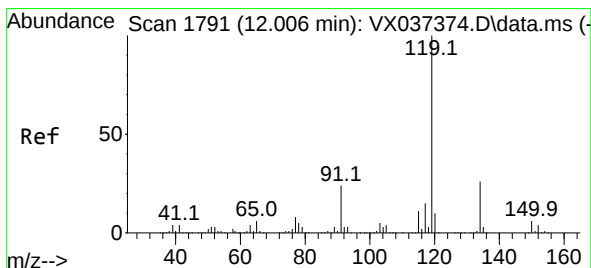
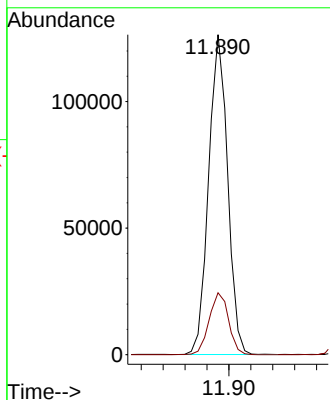
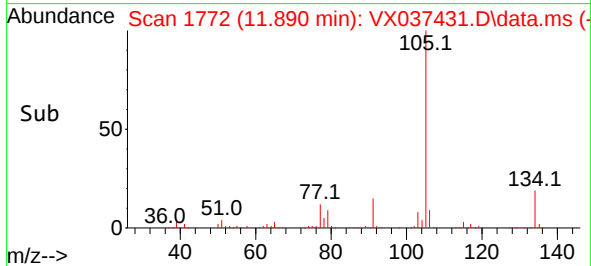
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0831WBSD01



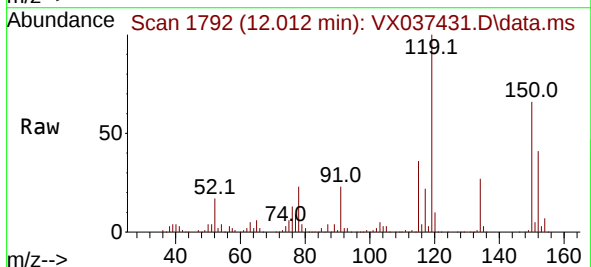
Tgt Ion:105 Resp: 151689  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 9.8 29.4

Manual Integrations  
 APPROVED

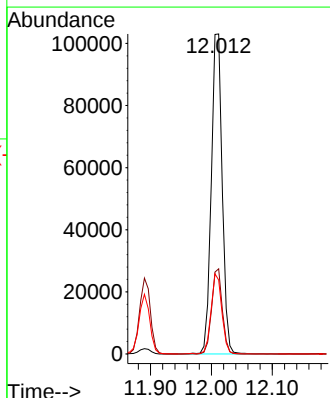
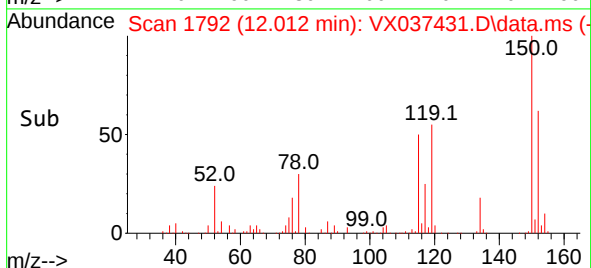
Reviewed By :John Carlone 09/01/2023  
 Supervised By :Mahesh Dadoda 09/01/2023

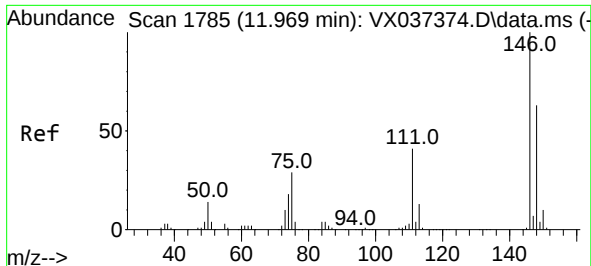


#86  
 p-Isopropyltoluene  
 Concen: 20.337 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.006 min  
 Lab File: VX037431.D  
 Acq: 31 Aug 2023 15:29



Tgt Ion:119 Resp: 128257  
 Ion Ratio Lower Upper  
 119 100  
 134 25.9 12.8 38.3  
 91 24.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 18.429 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

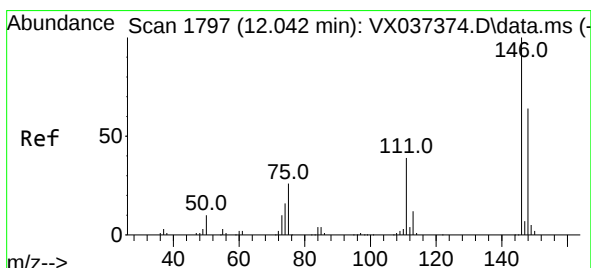
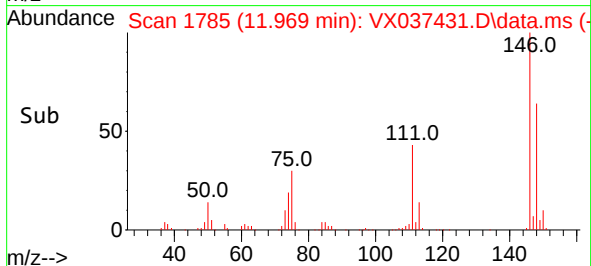
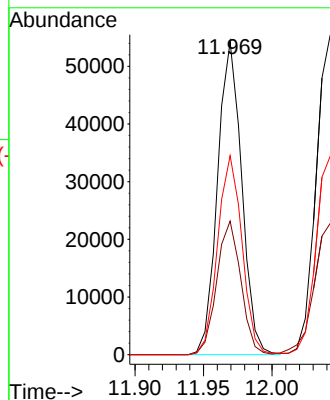
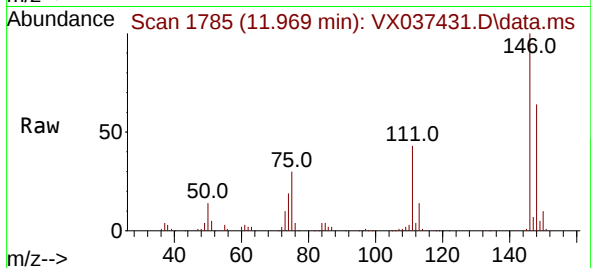
Tgt Ion:146 Resp: 66434  
 Ion Ratio Lower Upper  
 146 100  
 111 42.6 22.1 66.1  
 148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#88

1,4-Dichlorobenzene

Concen: 18.504 ug/l

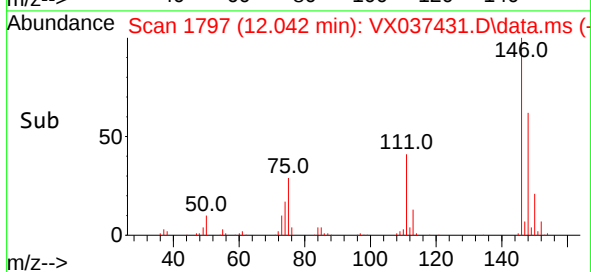
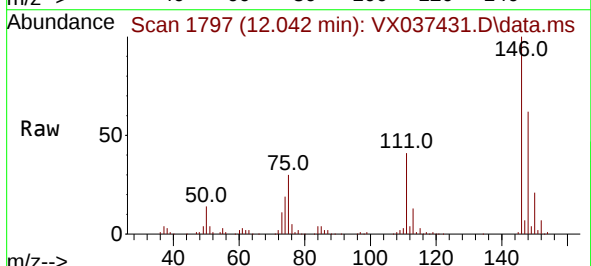
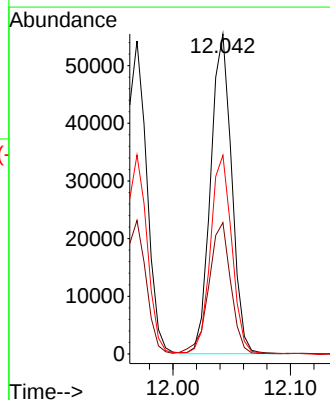
RT: 12.042 min Scan# 1797

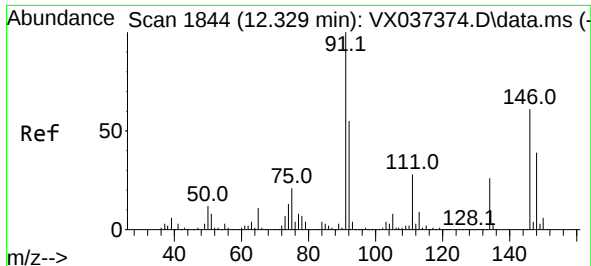
Delta R.T. 0.000 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Tgt Ion:146 Resp: 68917  
 Ion Ratio Lower Upper  
 146 100  
 111 42.7 21.3 63.7  
 148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 19.911 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Instrument :

MSVOA\_X

ClientSampleId :

VX0831WBSD01

Tgt Ion: 91 Resp: 10410

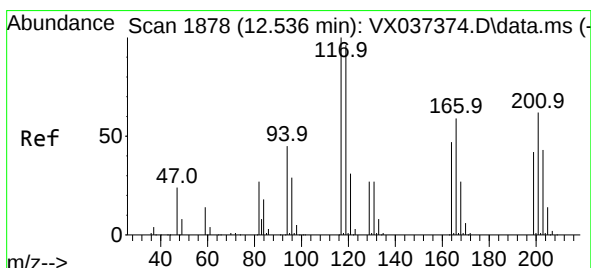
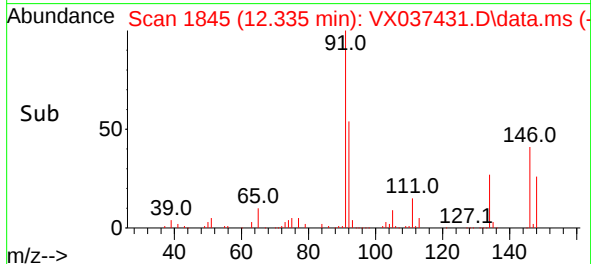
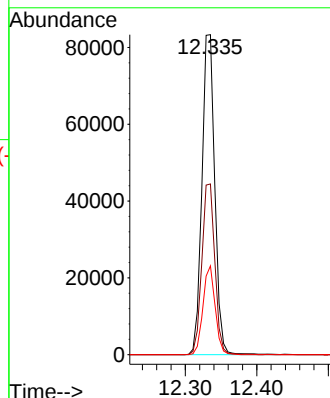
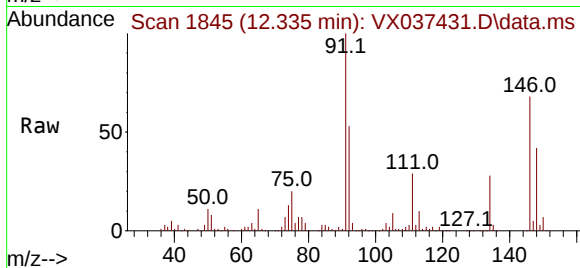
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 54.1  | 27.4  | 82.0  |
| 134 | 26.2  | 12.6  | 37.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/01/2023

Supervised By :Mahesh Dadoda 09/01/2023



#90

Hexachloroethane

Concen: 20.134 ug/l

RT: 12.536 min Scan# 1878

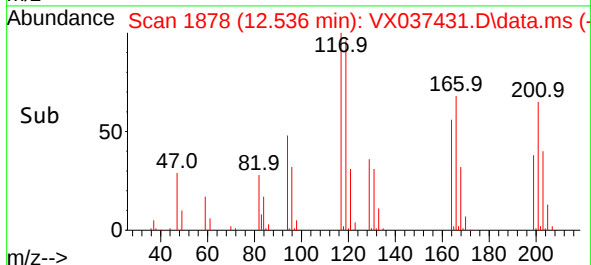
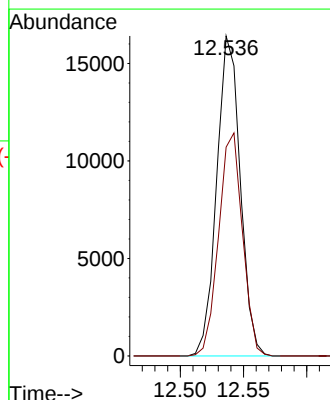
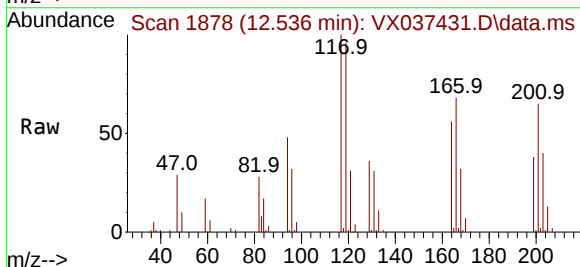
Delta R.T. 0.000 min

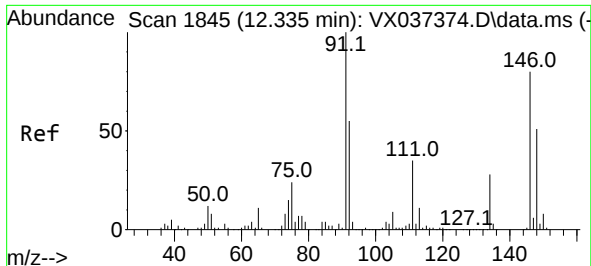
Lab File: VX037431.D

Acq: 31 Aug 2023 15:29

Tgt Ion:117 Resp: 21194

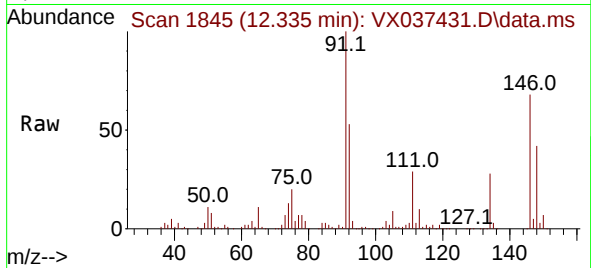
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 70.5  | 32.9  | 98.6  |





#91  
1,2-Dichlorobenzene  
Concen: 19.618 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

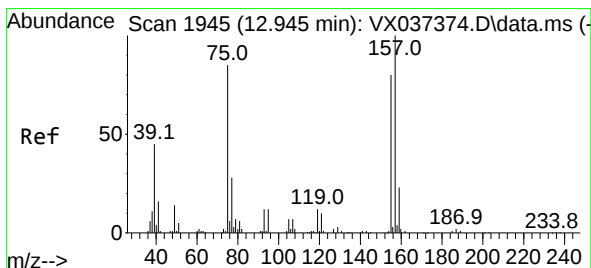
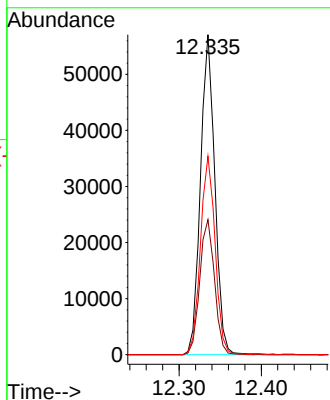
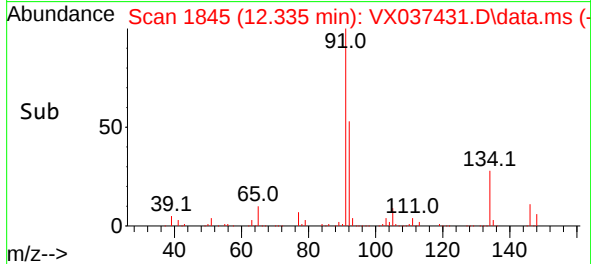
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01



Tgt Ion:146 Resp: 69250  
Ion Ratio Lower Upper  
146 100  
111 43.4 22.4 67.0  
148 63.2 31.6 95.0

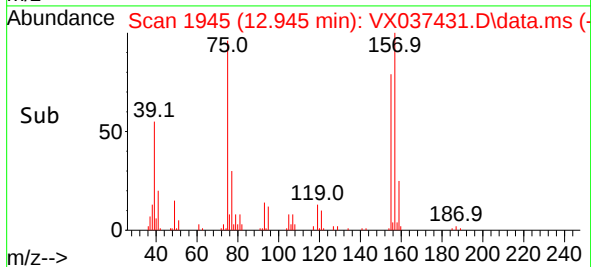
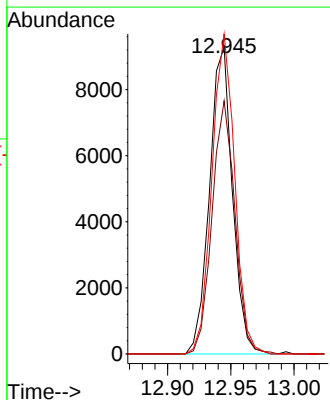
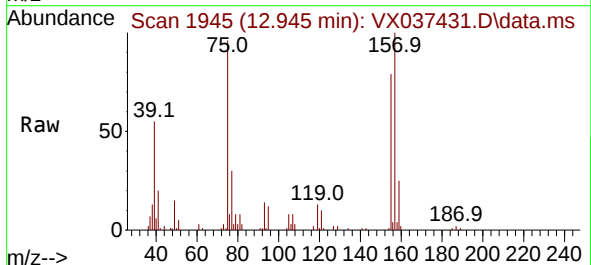
Manual Integrations  
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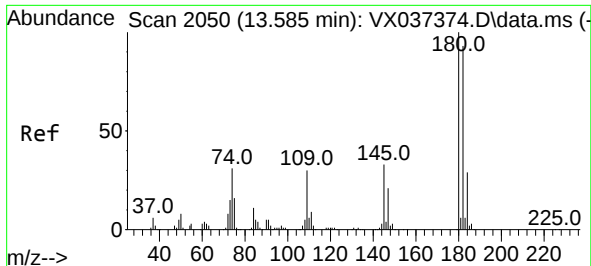
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.989 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Tgt Ion: 75 Resp: 11715  
Ion Ratio Lower Upper  
75 100  
155 82.0 36.1 108.5  
157 103.3 44.9 134.7





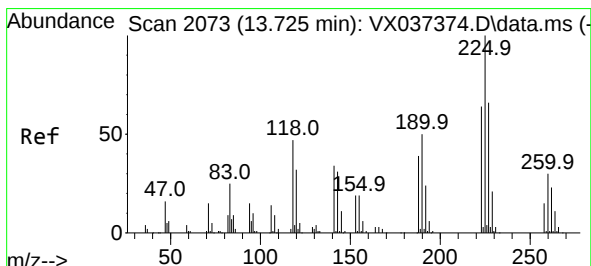
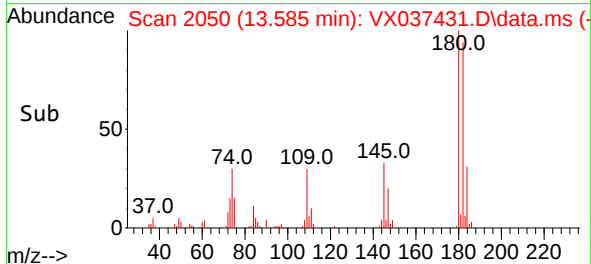
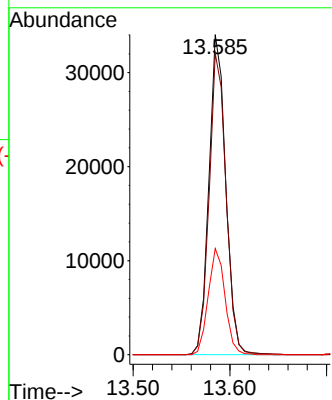
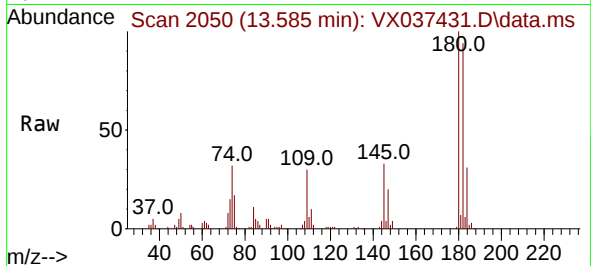
#93  
1,2,4-Trichlorobenzene  
Concen: 19.947 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01

Tgt Ion:180 Resp: 41200  
Ion Ratio Lower Upper  
180 100  
182 94.8 48.3 144.8  
145 33.2 18.0 54.0

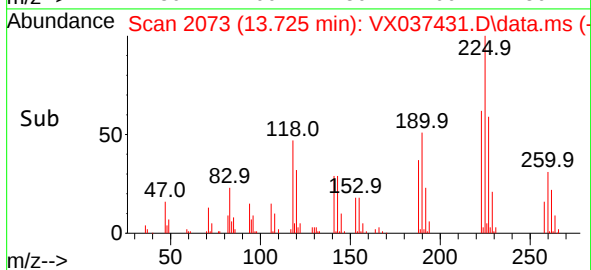
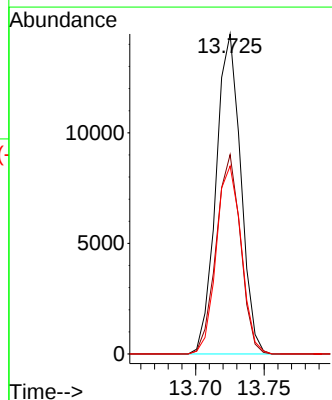
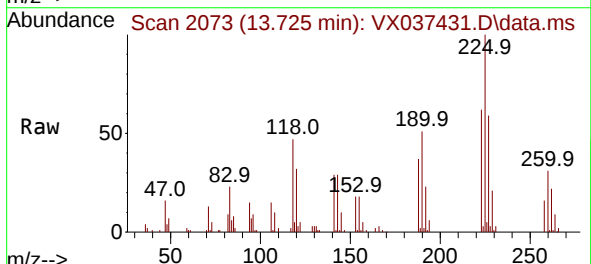
Manual Integrations  
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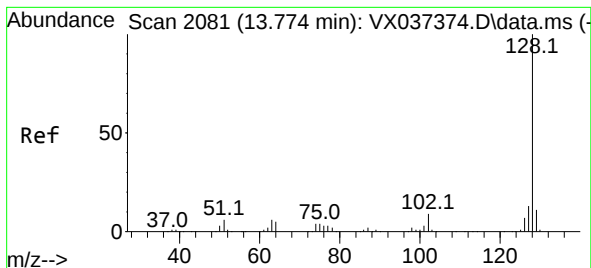
Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#94  
Hexachlorobutadiene  
Concen: 22.724 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

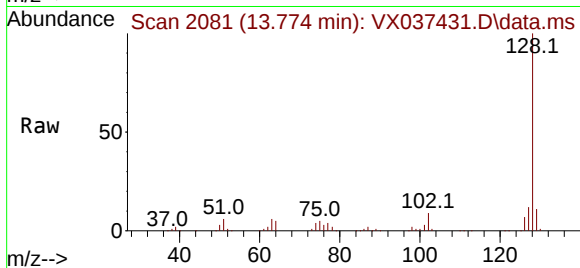
Tgt Ion:225 Resp: 18132  
Ion Ratio Lower Upper  
225 100  
223 61.3 31.1 93.2  
227 59.5 32.5 97.5





#95  
Naphthalene  
Concen: 16.483 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29

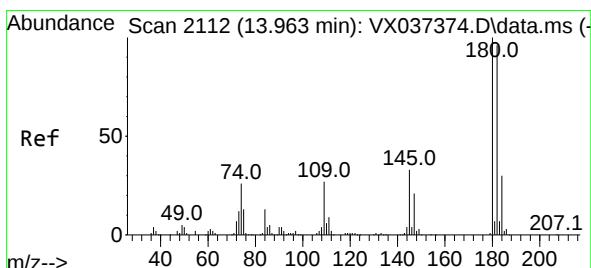
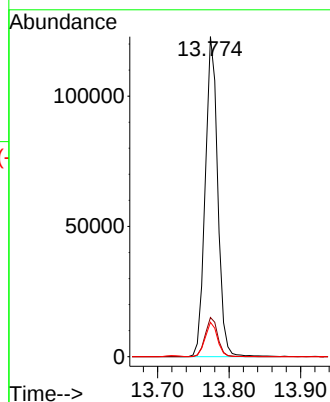
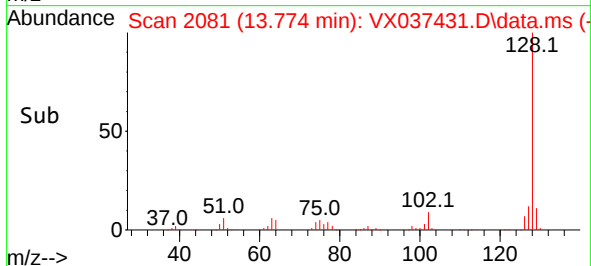
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0831WBSD01



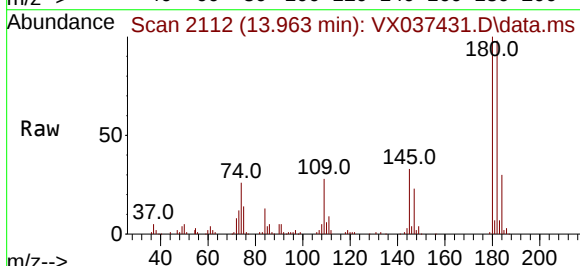
Tgt Ion:128 Resp: 149128  
Ion Ratio Lower Upper  
128 100  
127 12.4 10.3 15.5  
129 10.6 8.8 13.2

Manual Integrations  
APPROVED

Reviewed By :John Carlone 09/01/2023  
Supervised By :Mahesh Dadoda 09/01/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 20.255 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX037431.D  
Acq: 31 Aug 2023 15:29



Tgt Ion:180 Resp: 41564  
Ion Ratio Lower Upper  
180 100  
182 96.4 46.9 140.6  
145 35.3 17.8 53.5

