

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121422\  
 Data File : VX033428.D  
 Acq On : 14 Dec 2022 18:58  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/15/2022  
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 14 22:53:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 07 12:43:54 2022  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 5.556          | 168  | 139678     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.763          | 114  | 218923     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 200973     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 101340     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958          | 65   | 40960      | 45.710   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 78 - 117 |      | Recovery = | 91.420%  |        |          |
| 35) Dibromofluoromethane     | 5.385          | 113  | 49287      | 50.054   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 100.100% |        |          |
| 50) Toluene-d8               | 8.647          | 98   | 102785     | 49.898   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 92 - 112 |      | Recovery = | 99.800%  |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 82335      | 52.276   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 104.560% |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 46387      | 47.541   | ug/l   | 99       |
| 3) Chloromethane             | 1.294          | 50   | 48068      | 42.608   | ug/l   | 98       |
| 4) Vinyl Chloride            | 1.374          | 62   | 56990      | 44.242   | ug/l   | 100      |
| 5) Bromomethane              | 1.617          | 94   | 42083      | 44.518   | ug/l   | 98       |
| 6) Chloroethane              | 1.691          | 64   | 43952      | 44.984   | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 1.892          | 101  | 84907      | 35.109   | ug/l   | 99       |
| 8) Diethyl Ether             | 2.136          | 74   | 29239      | 33.474   | ug/l   | 94       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 46261      | 36.061   | ug/l   | 98       |
| 10) Methyl Iodide            | 2.453          | 142  | 52174      | 37.134   | ug/l   | 95       |
| 11) Tert butyl alcohol       | 3.007          | 59   | 43413m     | 158.464  | ug/l   |          |
| 12) 1,1-Dichloroethene       | 2.325          | 96   | 43675      | 34.490   | ug/l   | 92       |
| 13) Acrolein                 | 2.239          | 56   | 49584      | 166.879  | ug/l   | 100      |
| 14) Allyl chloride           | 2.666          | 41   | 63584      | 31.443   | ug/l   | 95       |
| 15) Acrylonitrile            | 3.068          | 53   | 110227     | 162.424  | ug/l   | 98       |
| 16) Acetone                  | 2.392          | 43   | 88821      | 133.953  | ug/l   | 92       |
| 17) Carbon Disulfide         | 2.514          | 76   | 100726     | 30.992   | ug/l   | 99       |
| 18) Methyl Acetate           | 2.703          | 43   | 63662      | 33.166   | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 3.111          | 73   | 147930     | 33.726   | ug/l   | 100      |
| 20) Methylene Chloride       | 2.794          | 84   | 47952      | 32.427   | ug/l   | 94       |
| 21) trans-1,2-Dichloroethene | 3.093          | 96   | 48128      | 34.745   | ug/l   | 95       |
| 22) Diisopropyl ether        | 3.763          | 45   | 144964     | 33.459   | ug/l   | 99       |
| 23) Vinyl Acetate            | 3.721          | 43   | 570277     | 169.582  | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 3.611          | 63   | 83995      | 32.995   | ug/l   | 99       |
| 25) 2-Butanone               | 4.562          | 43   | 159140     | 167.200  | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 4.477          | 77   | 64699      | 34.560   | ug/l   | 97       |
| 27) cis-1,2-Dichloroethene   | 4.489          | 96   | 58358      | 35.252   | ug/l   | 94       |
| 28) Bromochloromethane       | 4.897          | 49   | 53029      | 49.763   | ug/l   | 93       |
| 29) Tetrahydrofuran          | 5.007          | 42   | 143632     | 232.916  | ug/l   | 96       |
| 30) Chloroform               | 5.098          | 83   | 142943     | 50.579   | ug/l   | 99       |
| 31) Cyclohexane              | 5.470          | 56   | 104559     | 49.098   | ug/l   | 93       |
| 32) 1,1,1-Trichloroethane    | 5.385          | 97   | 125843     | 51.753   | ug/l   | 98       |
| 36) 1,1-Dichloropropene      | 5.690          | 75   | 99094      | 51.617   | ug/l   | 99       |
| 37) Ethyl Acetate            | 4.714          | 43   | 89312      | 49.215   | ug/l   | 100      |
| 38) Carbon Tetrachloride     | 5.678          | 117  | 109805     | 51.050   | ug/l   | 98       |
| 39) Methylcyclohexane        | 7.379          | 83   | 111259     | 51.777   | ug/l   | 98       |
| 40) Benzene                  | 6.037          | 78   | 289608     | 51.739   | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121422\  
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 Acq On : 14 Dec 2022 18:58  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Dec 14 22:53:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120722W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 07 12:43:54 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/15/2022  
 Supervised By : Mahesh Dadoda 12/15/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 50152    | 50.152  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 109364   | 49.202  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.336  | 43   | 147358   | 50.467  | ug/l   | 97       |
| 44) Trichloroethene           | 7.129  | 130  | 81354    | 52.715  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 74006    | 51.698  | ug/l   | 100      |
| 46) Dibromomethane            | 7.580  | 93   | 55294    | 50.705  | ug/l   | 97       |
| 47) Bromodichloromethane      | 7.824  | 83   | 108779   | 51.173  | ug/l   | 100      |
| 48) Methyl methacrylate       | 7.689  | 41   | 75478    | 50.086  | ug/l   | 92       |
| 49) 1,4-Dioxane               | 7.702  | 88   | 34278    | 997.498 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 464816   | 251.726 | ug/l   | 96       |
| 52) Toluene                   | 8.720  | 92   | 192873   | 53.294  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 111225   | 48.771  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 121875   | 53.879  | ug/l # | 90       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 80948    | 53.210  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 114883   | 53.635  | ug/l # | 91       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 127953   | 52.357  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 259702   | 264.984 | ug/l   | 96       |
| 59) 2-Hexanone                | 9.433  | 43   | 340739   | 250.403 | ug/l   | 94       |
| 60) Dibromochloromethane      | 9.518  | 129  | 88343    | 52.706  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 86372    | 53.376  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 69572    | 50.626  | ug/l   | 98       |
| 65) Chlorobenzene             | 10.079 | 112  | 210847   | 51.809  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 81183    | 52.786  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 374134   | 52.769  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.305 | 106  | 294918   | 106.912 | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 144060   | 52.834  | ug/l   | 96       |
| 70) Styrene                   | 10.658 | 104  | 240756   | 53.913  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 63261    | 51.965  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 375632   | 51.140  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.841 | 43   | 131500   | 52.473  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 115200   | 49.437  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 103742m  | 50.317  | ug/l   |          |
| 77) Bromobenzene              | 11.201 | 156  | 94048    | 50.705  | ug/l   | 98       |
| 78) n-propylbenzene           | 11.305 | 91   | 427297   | 52.099  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 256064   | 50.519  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 317025   | 51.851  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 31788    | 47.960  | ug/l   | 94       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 294825   | 50.023  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 317727   | 52.112  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 314344   | 51.504  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 374772   | 52.684  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 319339   | 52.069  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 172074   | 51.214  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 173894   | 50.669  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.335 | 91   | 266512   | 53.056  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.542 | 117  | 51756    | 49.647  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 171330   | 51.004  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 23271    | 46.234  | ug/l   | 91       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 106907   | 52.697  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 43614    | 53.686  | ug/l   | 99       |
| 95) Naphthalene               | 13.774 | 128  | 356850   | 52.733  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 106272   | 51.722  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121422\  
Data File : VX033428.D  
Acq On : 14 Dec 2022 18:58  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

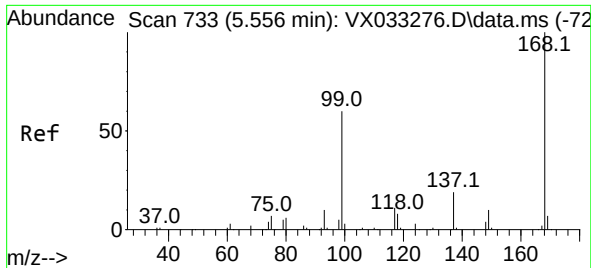
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022

Quant Time: Dec 14 22:53:23 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X120722W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 07 12:43:54 2022  
Response via : Initial Calibration

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

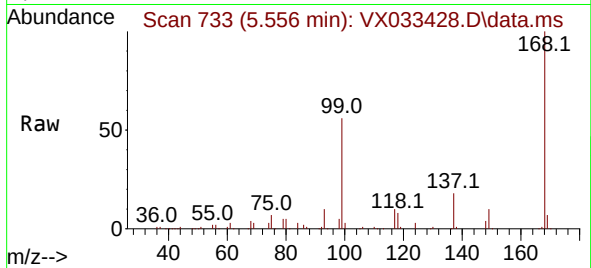
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

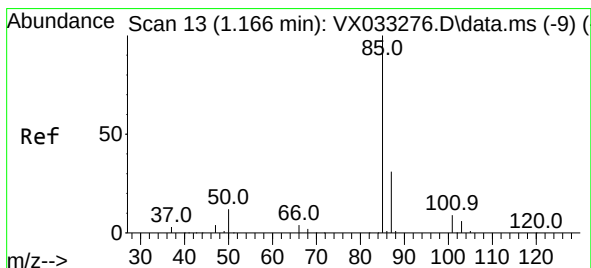
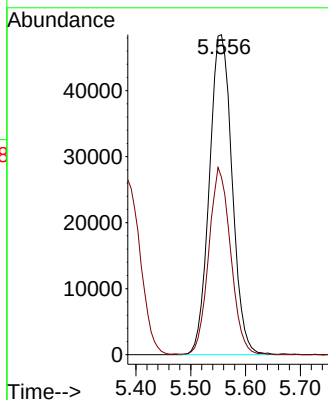
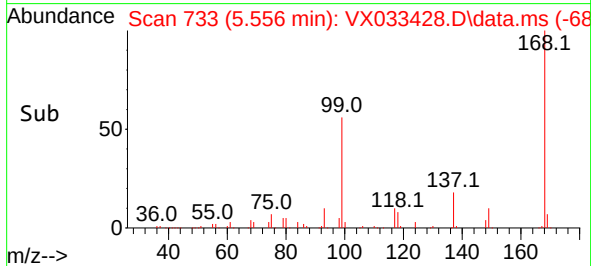
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:168 Resp: 139678  
Ion Ratio Lower Upper  
168 100  
99 55.5 46.1 69.1

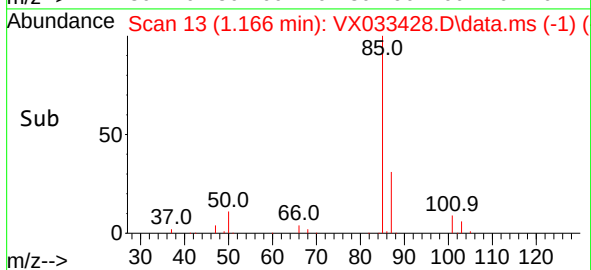
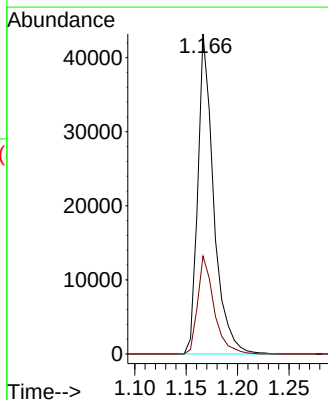
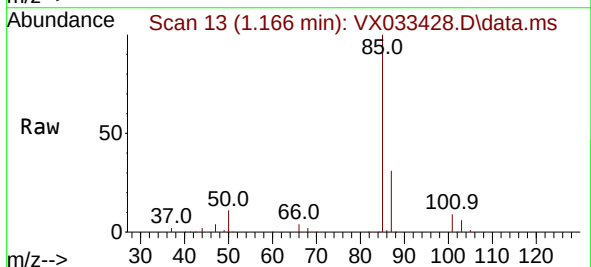
Manual Integrations  
APPROVED

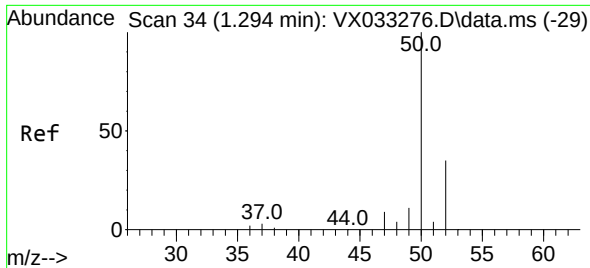
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#2  
Dichlorodifluoromethane  
Concen: 47.541 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Tgt Ion: 85 Resp: 46387  
Ion Ratio Lower Upper  
85 100  
87 30.6 15.6 46.7





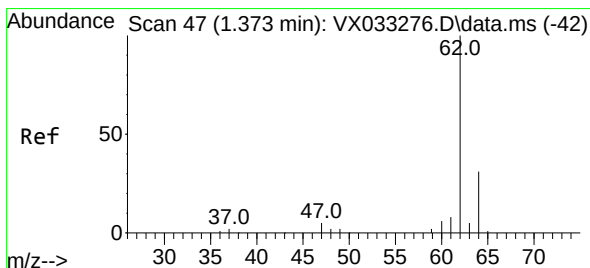
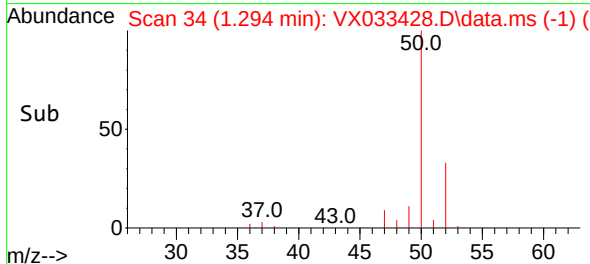
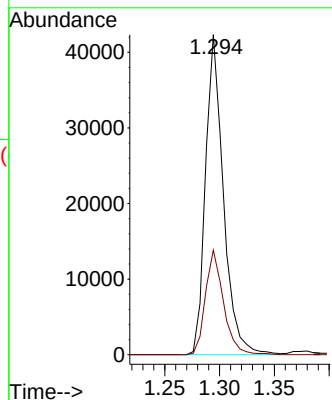
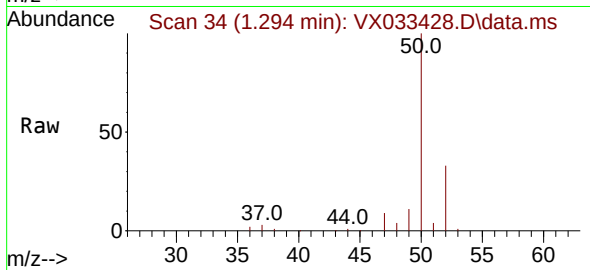
#3  
Chloromethane  
Concen: 42.608 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 50 Resp: 4806  
Ion Ratio Lower Upper  
50 100  
52 32.7 25.4 38.2

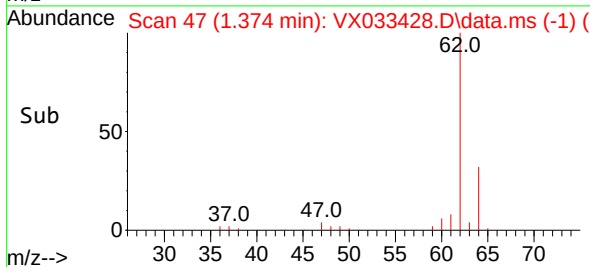
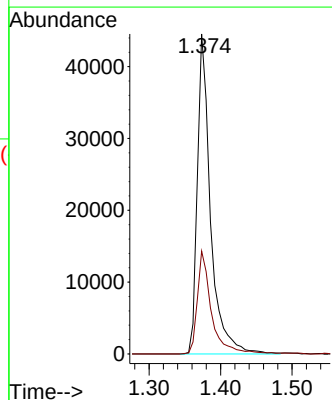
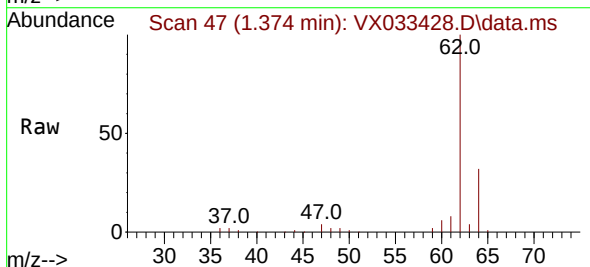
Manual Integrations  
APPROVED

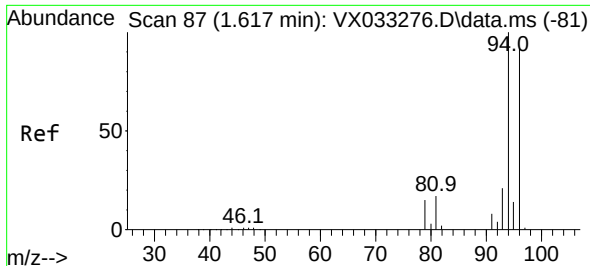
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#4  
Vinyl Chloride  
Concen: 44.242 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Tgt Ion: 62 Resp: 56990  
Ion Ratio Lower Upper  
62 100  
64 32.2 25.8 38.6





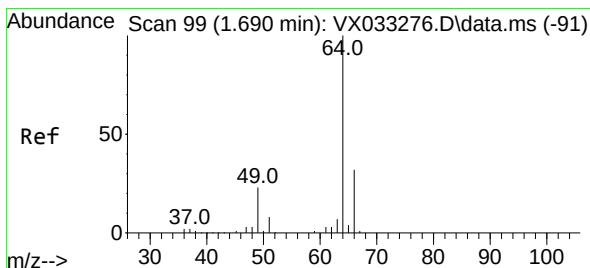
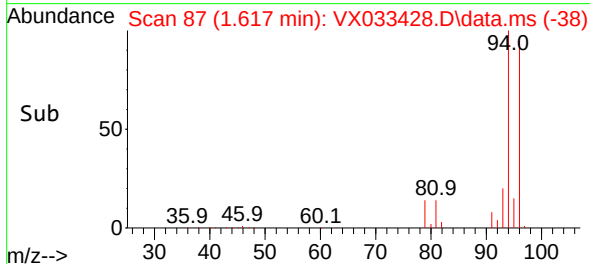
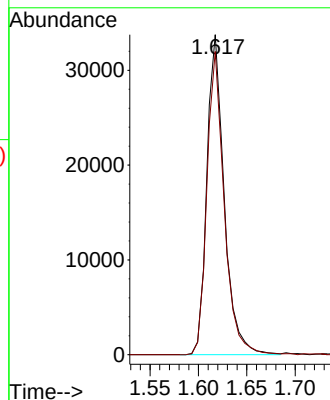
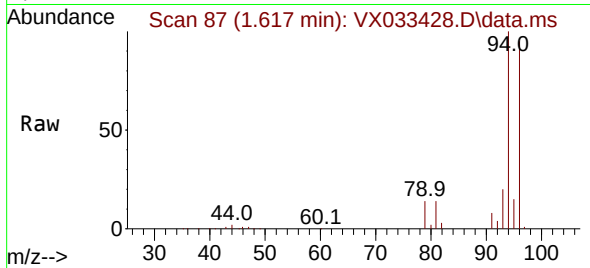
#5  
Bromomethane  
Concen: 44.518 ug/l  
RT: 1.617 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 94 Resp: 42083  
Ion Ratio Lower Upper  
94 100  
96 94.8 77.6 116.4

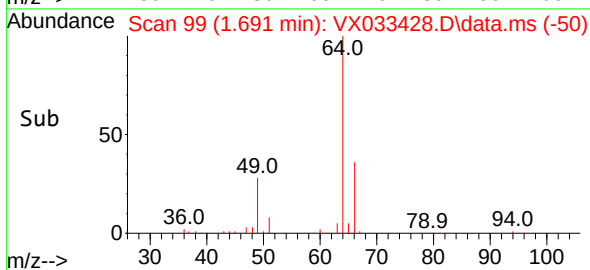
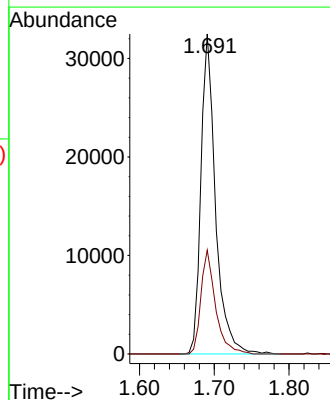
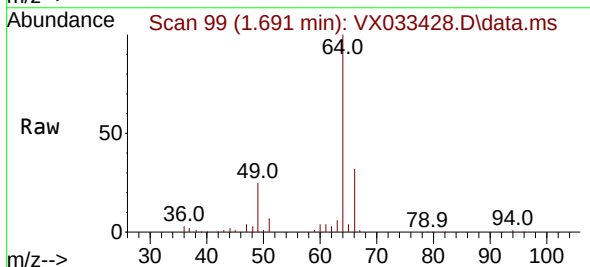
Manual Integrations  
APPROVED

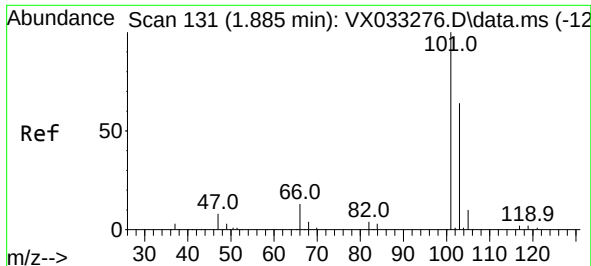
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#6  
Chloroethane  
Concen: 44.984 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

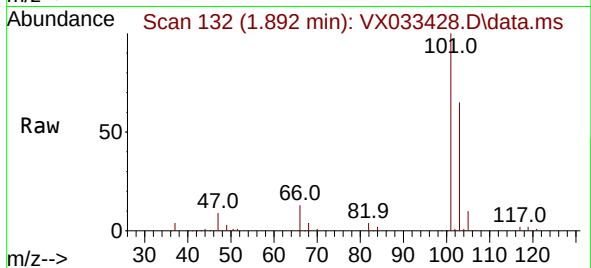
Tgt Ion: 64 Resp: 43952  
Ion Ratio Lower Upper  
64 100  
66 32.4 26.0 39.0





#7  
 Trichlorofluoromethane  
 Concen: 35.109 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VX033428.D  
 Acq: 14 Dec 2022 18:58

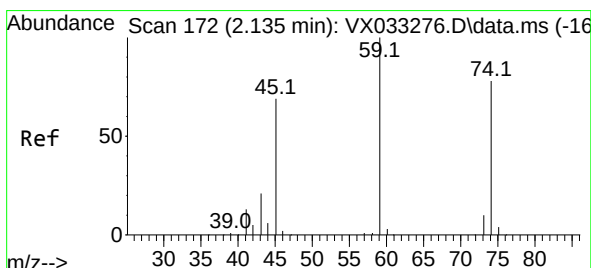
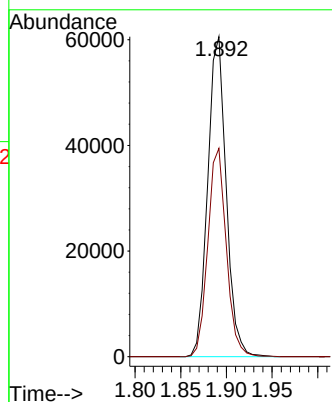
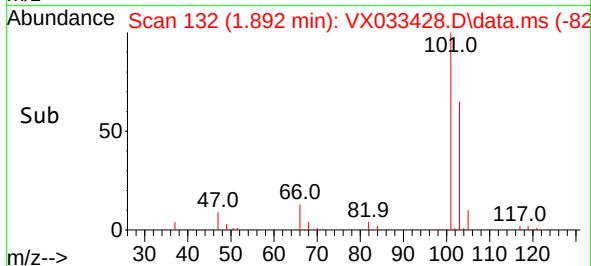
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC



Tgt Ion:101 Resp: 8490  
 Ion Ratio Lower Upper  
 101 100  
 103 65.1 51.4 77.2

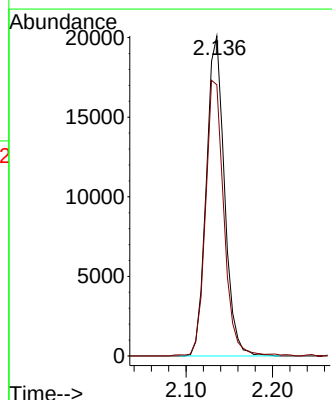
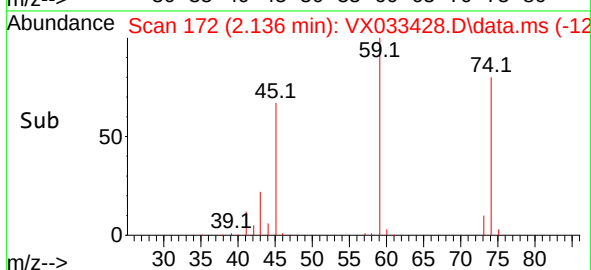
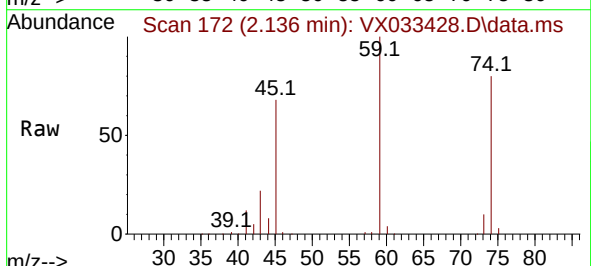
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 12/15/2022  
 Supervised By :Mahesh Dadoda 12/15/2022

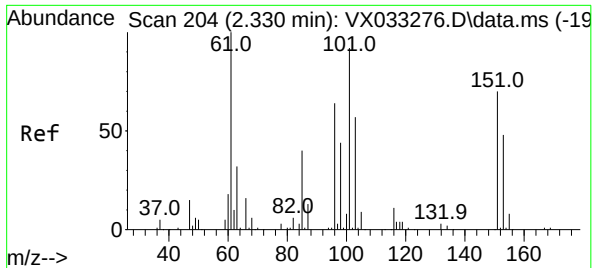


#8  
 Diethyl Ether  
 Concen: 33.474 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX033428.D  
 Acq: 14 Dec 2022 18:58

Tgt Ion: 74 Resp: 29239  
 Ion Ratio Lower Upper  
 74 100  
 45 87.7 46.6 139.7







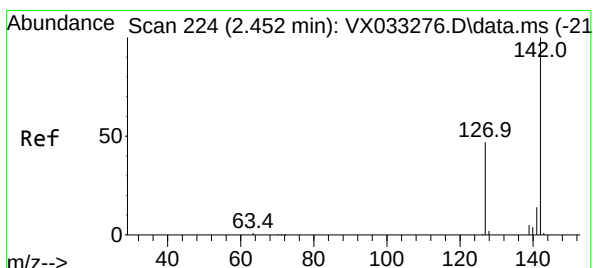
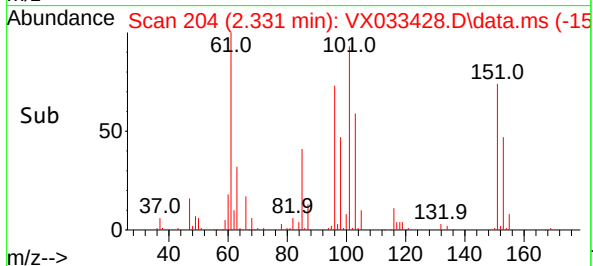
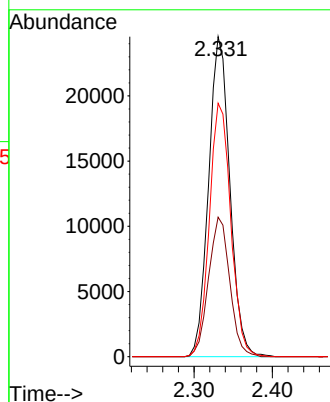
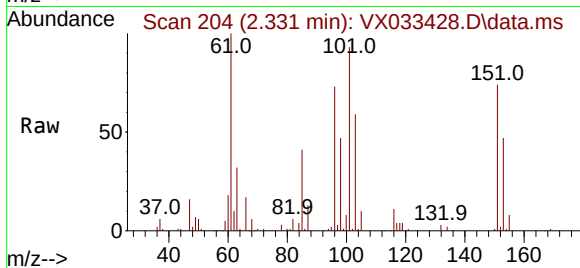
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 36.061 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:101 Resp: 4626  
Ion Ratio Lower Upper  
101 100  
85 43.4 37.0 55.4  
151 79.8 64.4 96.6

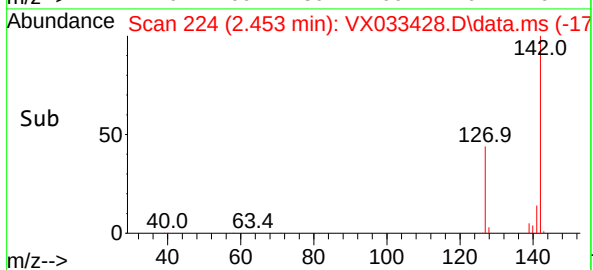
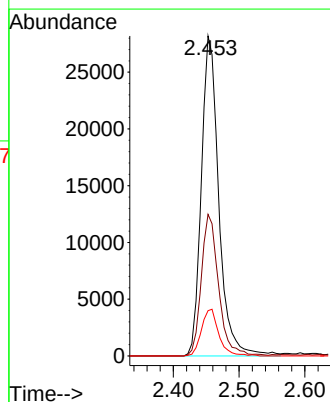
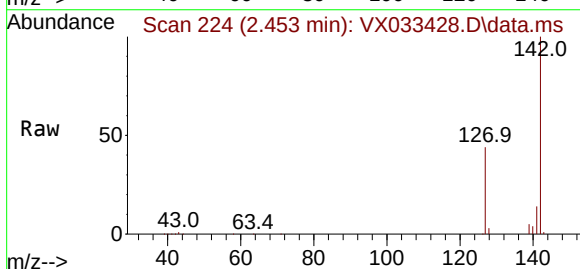
Manual Integrations  
APPROVED

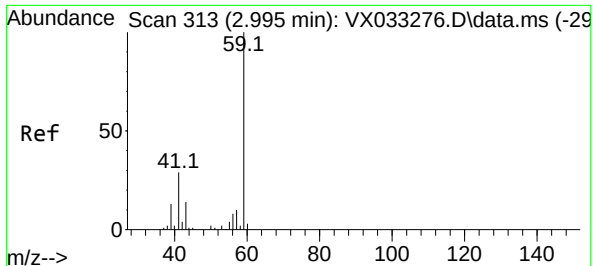
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#10  
Methyl Iodide  
Concen: 37.134 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Tgt Ion:142 Resp: 52174  
Ion Ratio Lower Upper  
142 100  
127 43.8 38.6 57.8  
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 158.464 ug/l m

RT: 3.007 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 4341

Ion Ratio Lower Upper

59 100

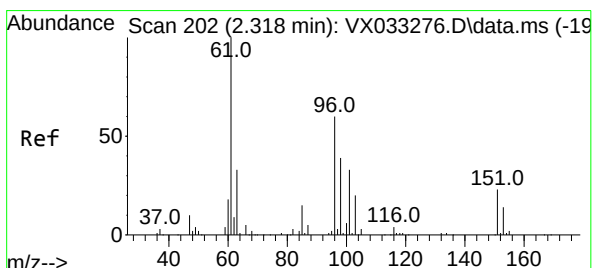
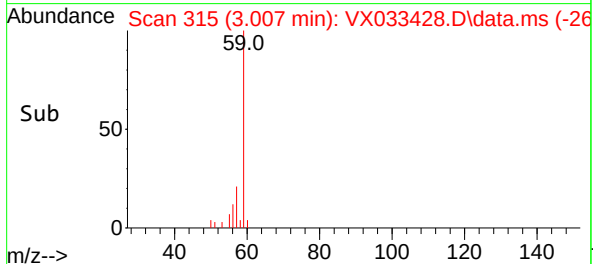
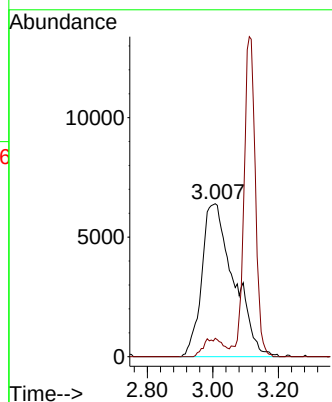
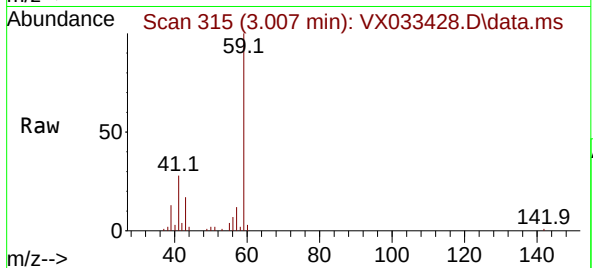
57 0.0 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#12

1,1-Dichloroethene

Concen: 34.490 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

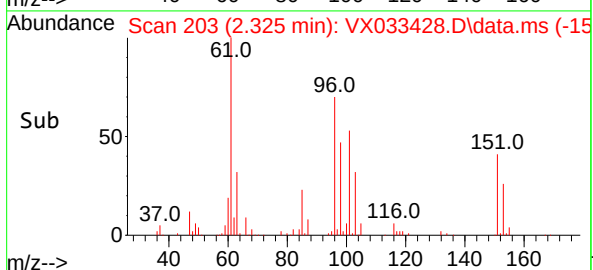
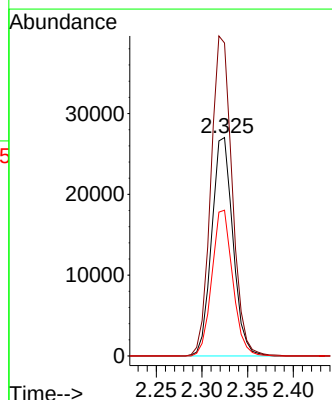
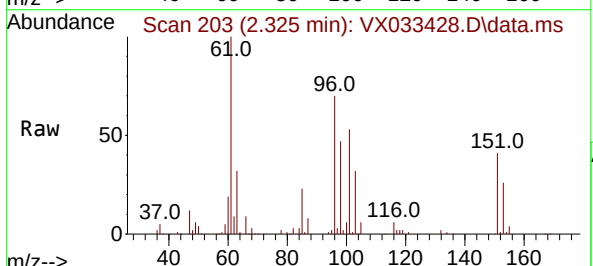
Tgt Ion: 96 Resp: 43675

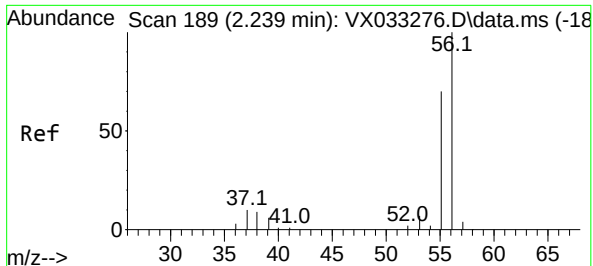
Ion Ratio Lower Upper

96 100

61 143.3 125.1 187.7

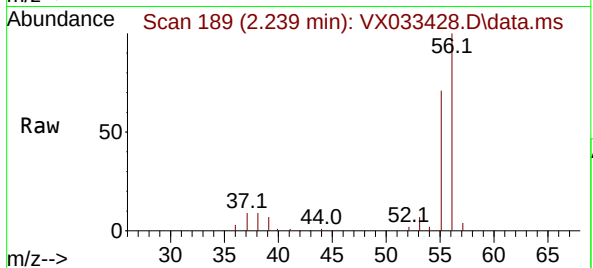
98 66.8 50.6 76.0





#13  
Acrolein  
Concen: 166.879 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

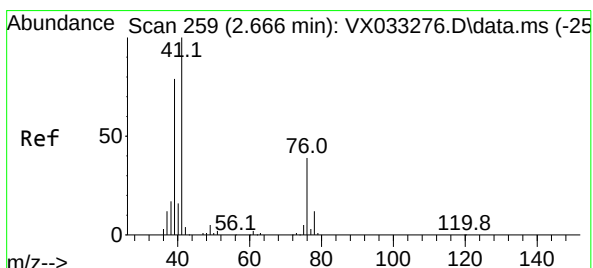
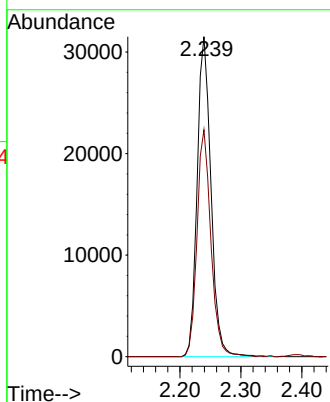
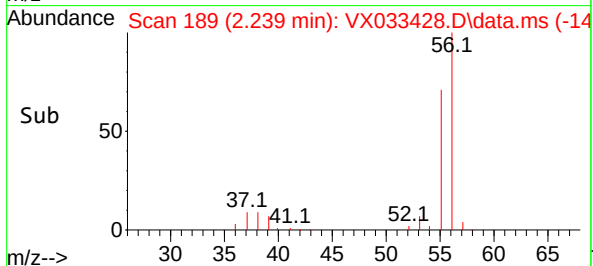
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



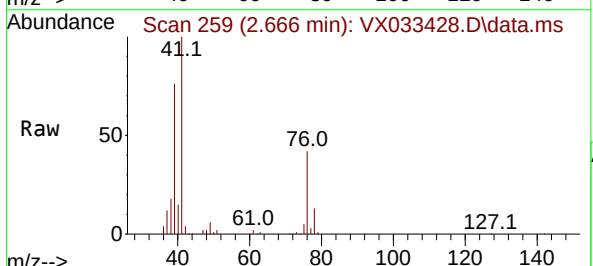
Tgt Ion: 56 Resp: 49584  
Ion Ratio Lower Upper  
56 100  
55 71.5 56.9 85.3

Manual Integrations  
APPROVED

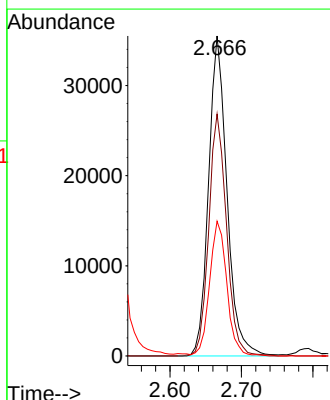
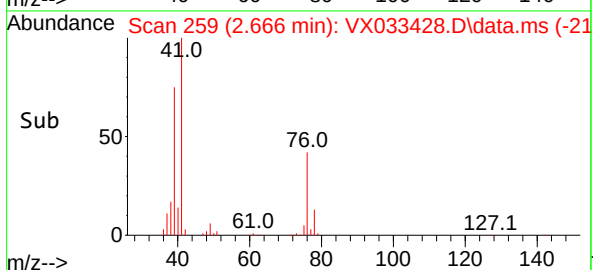
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022

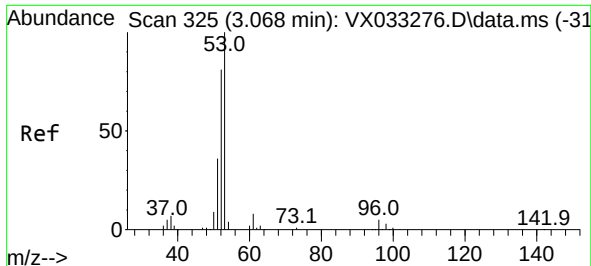


#14  
Allyl chloride  
Concen: 31.443 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58



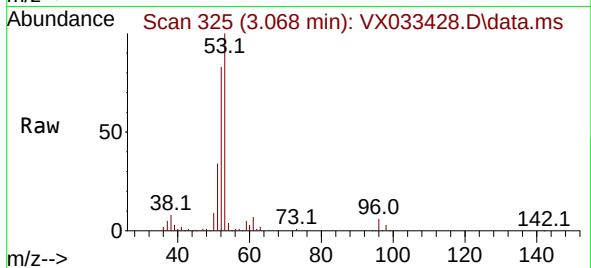
Tgt Ion: 41 Resp: 63584  
Ion Ratio Lower Upper  
41 100  
39 72.7 61.4 92.2  
76 39.4 29.2 43.8





#15  
Acrylonitrile  
Concen: 162.424 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

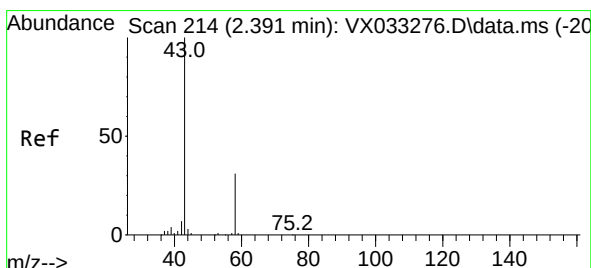
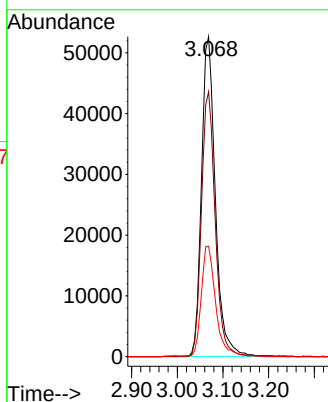
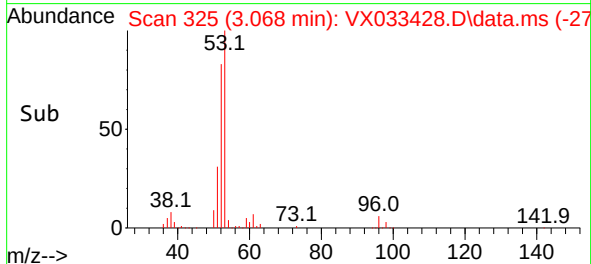
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 53 Resp: 11022  
Ion Ratio Lower Upper  
53 100  
52 82.8 67.4 101.0  
51 36.2 30.3 45.5

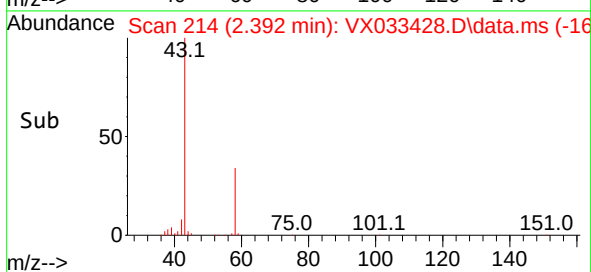
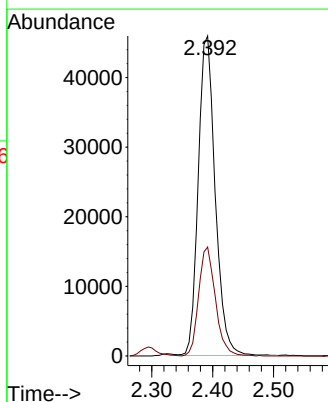
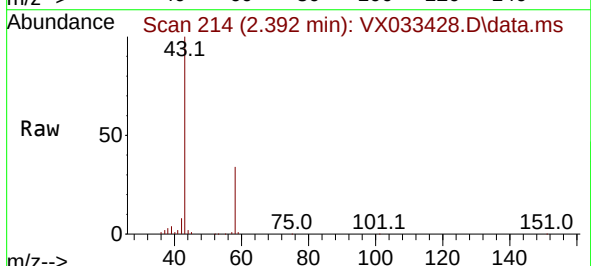
Manual Integrations  
APPROVED

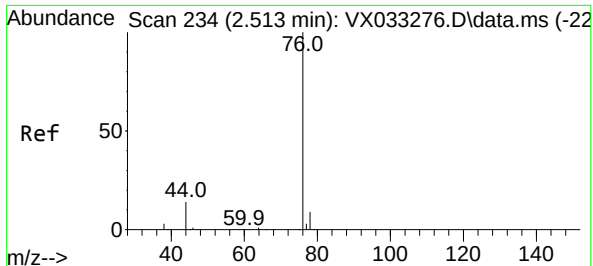
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#16  
Acetone  
Concen: 133.953 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Tgt Ion: 43 Resp: 88821  
Ion Ratio Lower Upper  
43 100  
58 34.1 23.8 35.8





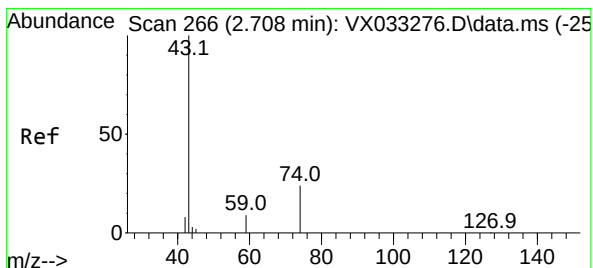
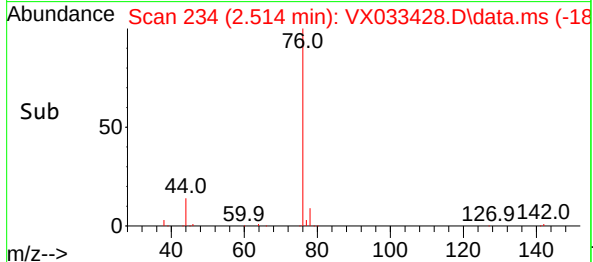
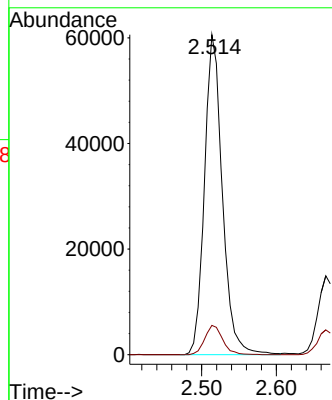
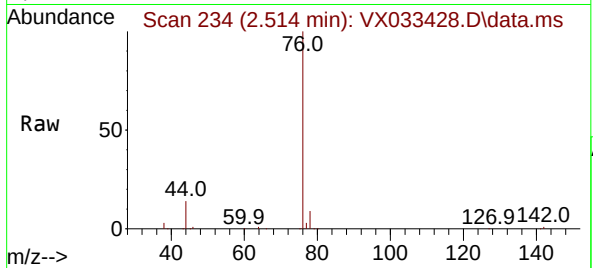
#17  
Carbon Disulfide  
Concen: 30.992 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 76 Resp: 100720  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.5 11.3

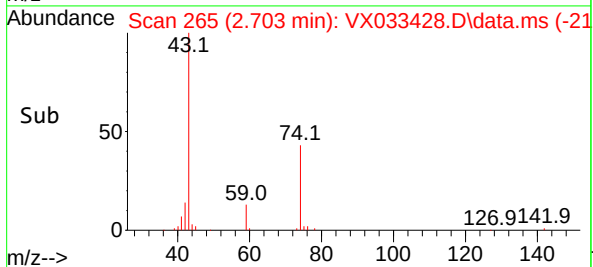
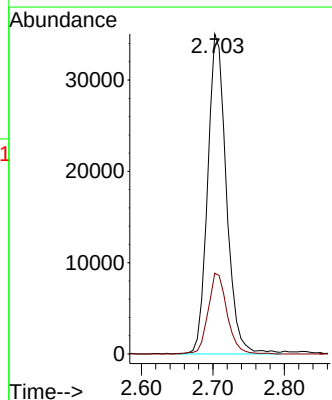
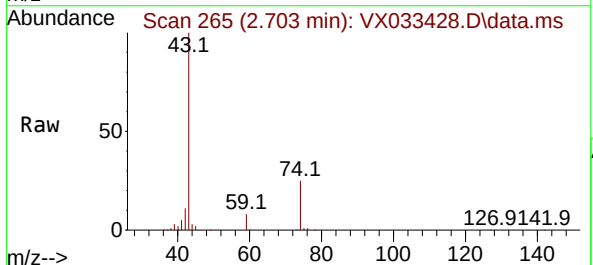
Manual Integrations  
APPROVED

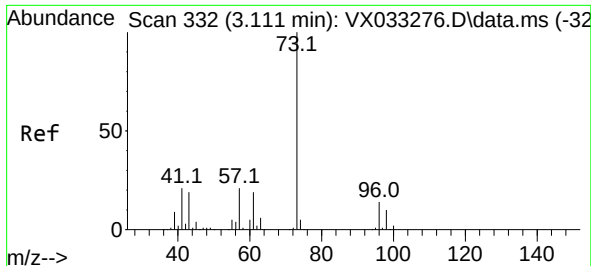
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#18  
Methyl Acetate  
Concen: 33.166 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Tgt Ion: 43 Resp: 63662  
Ion Ratio Lower Upper  
43 100  
74 25.7 19.4 29.0





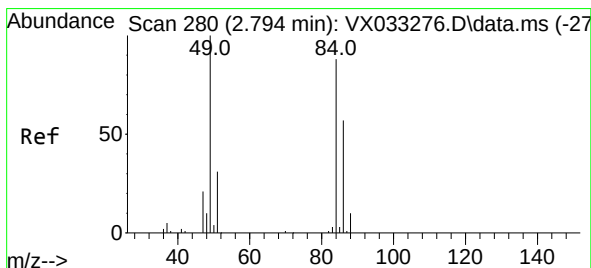
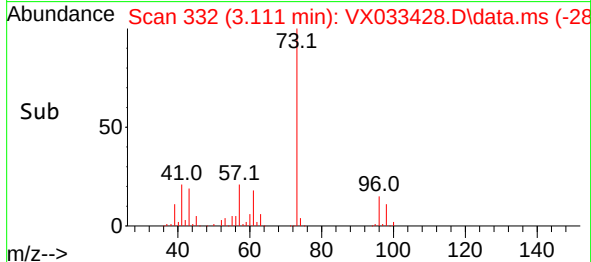
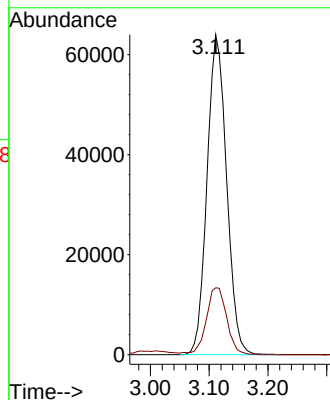
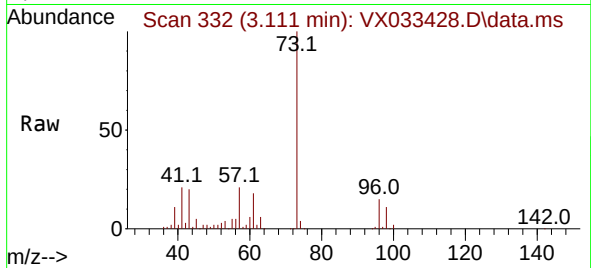
#19  
Methyl tert-butyl Ether  
Concen: 33.726 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 73 Resp: 147930  
Ion Ratio Lower Upper  
73 100  
57 20.9 16.6 25.0

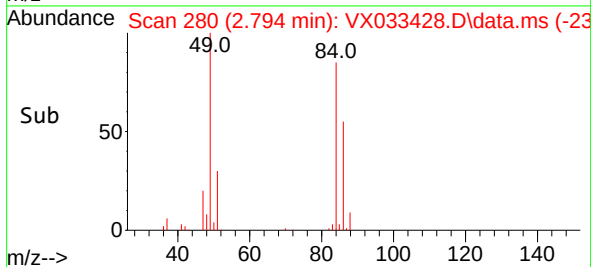
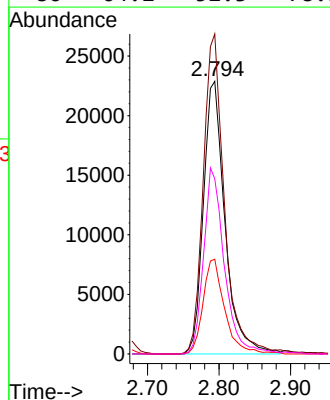
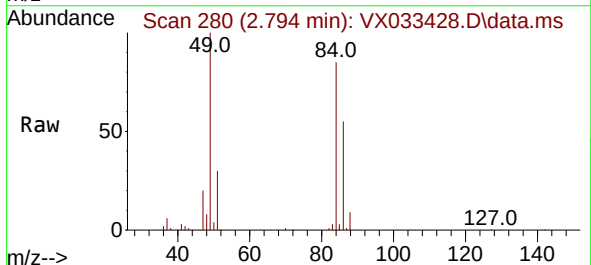
Manual Integrations  
APPROVED

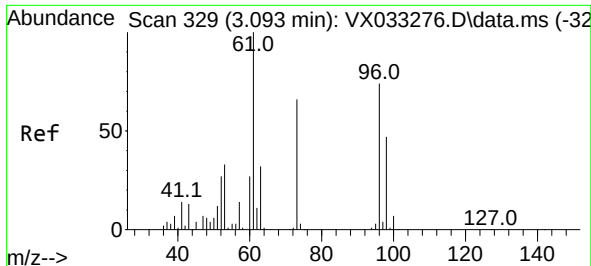
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#20  
Methylene Chloride  
Concen: 32.427 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Tgt Ion: 84 Resp: 47952  
Ion Ratio Lower Upper  
84 100  
49 117.3 101.0 151.6  
51 34.7 31.1 46.7  
86 64.2 52.3 78.5





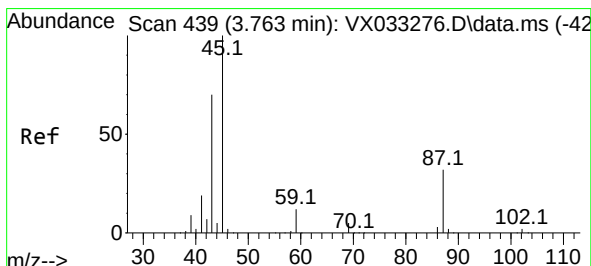
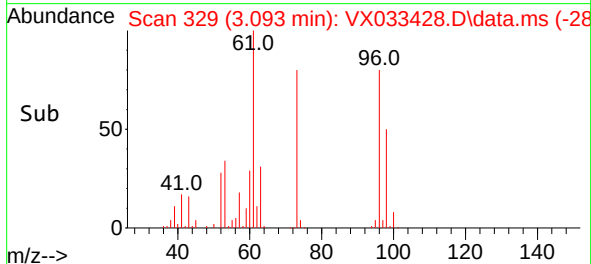
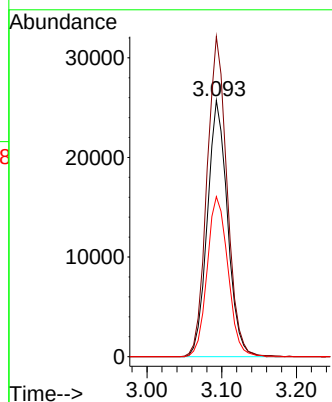
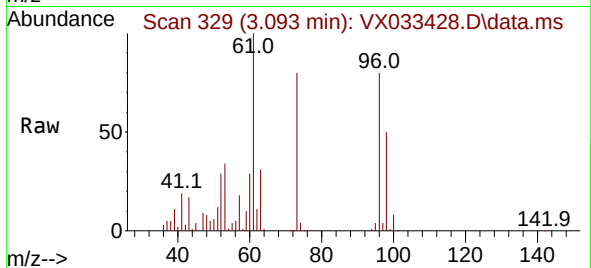
#21  
trans-1,2-Dichloroethene  
Concen: 34.745 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 96 Resp: 48128  
Ion Ratio Lower Upper  
96 100  
61 124.8 106.6 160.0  
98 62.4 51.0 76.6

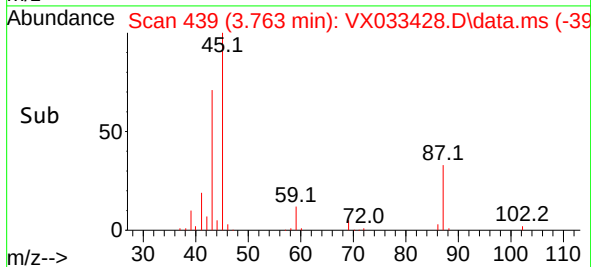
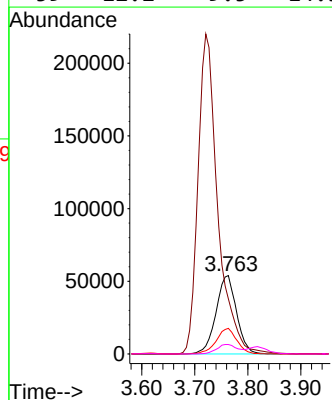
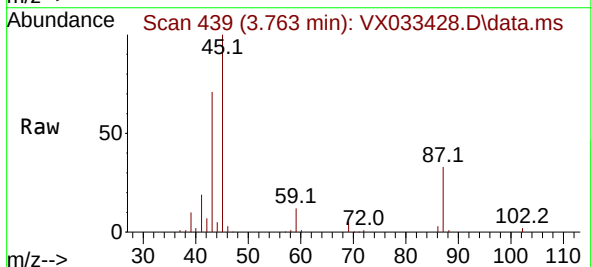
Manual Integrations  
APPROVED

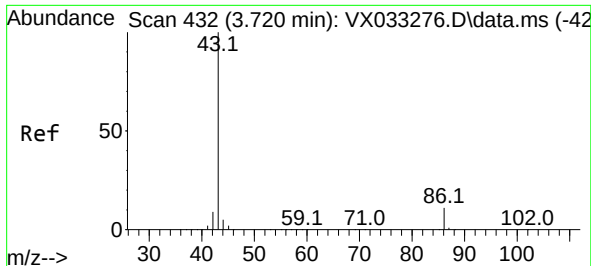
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#22  
Diisopropyl ether  
Concen: 33.459 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Tgt Ion: 45 Resp: 144964  
Ion Ratio Lower Upper  
45 100  
43 70.2 56.4 84.6  
87 32.6 24.4 36.6  
59 12.2 9.5 14.3





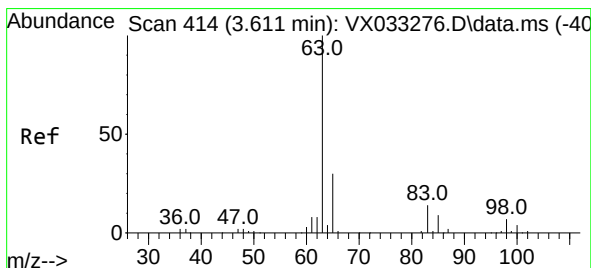
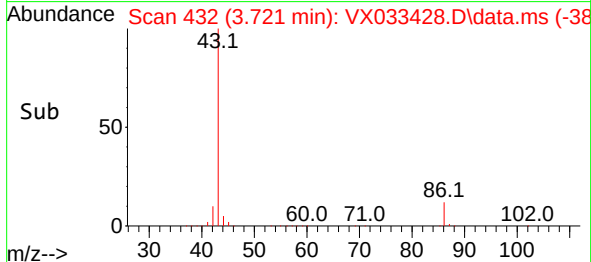
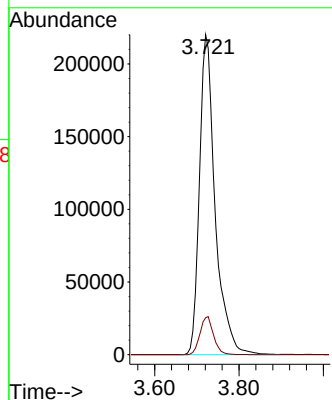
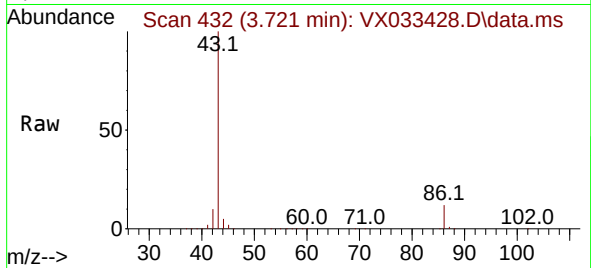
#23  
 Vinyl Acetate  
 Concen: 169.582 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. 0.000 min  
 Lab File: VX033428.D  
 Acq: 14 Dec 2022 18:58

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 57027  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 8.6 12.8

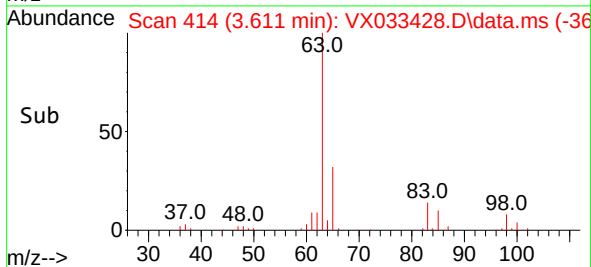
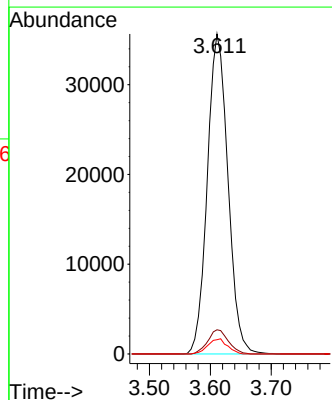
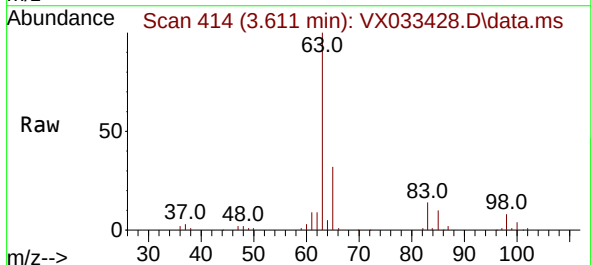
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 12/15/2022  
 Supervised By :Mahesh Dadoda 12/15/2022

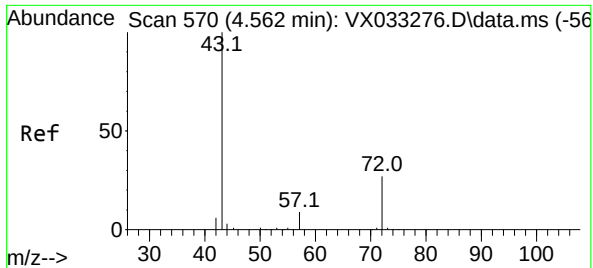


#24  
 1,1-Dichloroethane  
 Concen: 32.995 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX033428.D  
 Acq: 14 Dec 2022 18:58

Tgt Ion: 63 Resp: 83995  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.5 10.4  
 100 4.4 2.3 6.8







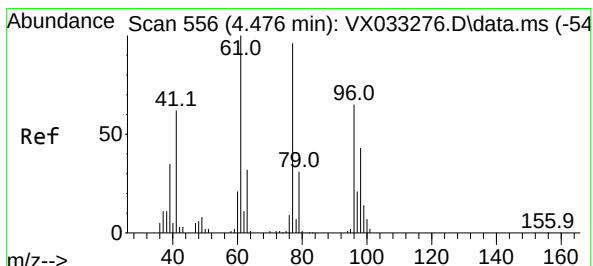
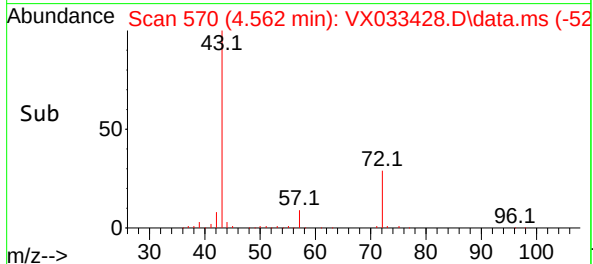
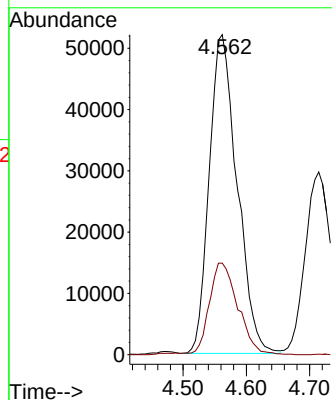
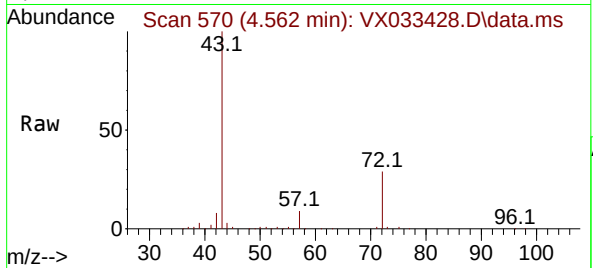
#25  
2-Butanone  
Concen: 167.200 ug/l  
RT: 4.562 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 159140  
Ion Ratio Lower Upper  
43 100  
72 28.5 22.2 33.2

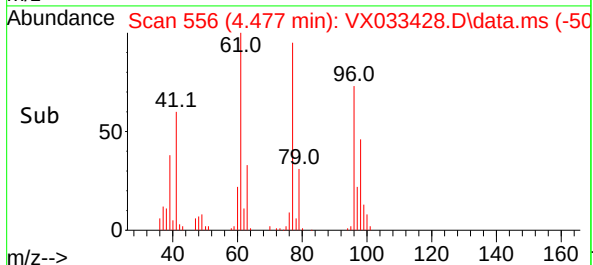
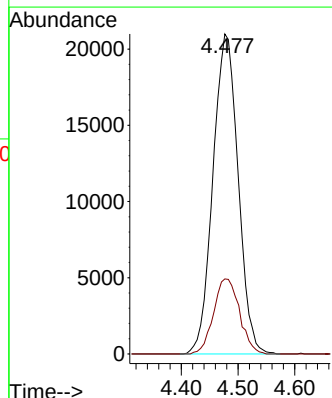
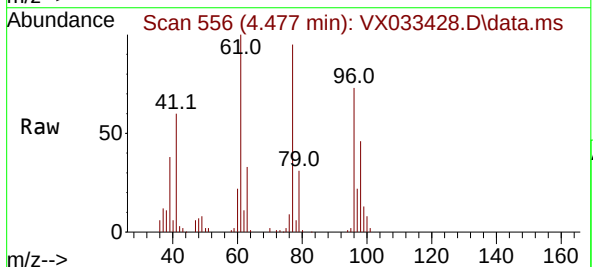
Manual Integrations  
APPROVED

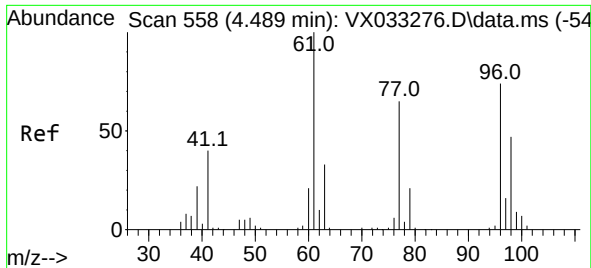
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#26  
2,2-Dichloropropane  
Concen: 34.560 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

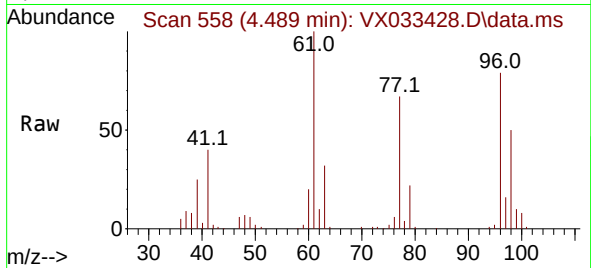
Tgt Ion: 77 Resp: 64699  
Ion Ratio Lower Upper  
77 100  
97 24.2 11.4 34.1





#27  
 cis-1,2-Dichloroethene  
 Concen: 35.252 ug/l  
 RT: 4.489 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VX033428.D  
 Acq: 14 Dec 2022 18:58

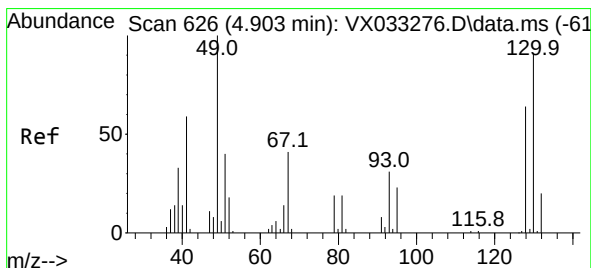
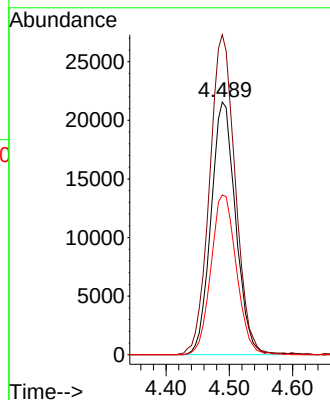
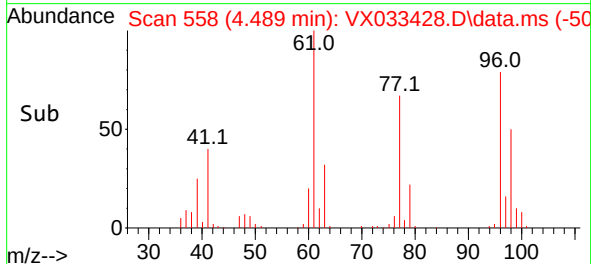
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC



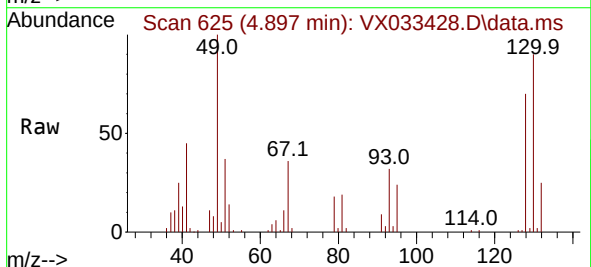
Tgt Ion: 96 Resp: 5835  
 Ion Ratio Lower Upper  
 96 100  
 61 132.0 0.0 286.0  
 98 65.2 0.0 129.6

Manual Integrations  
 APPROVED

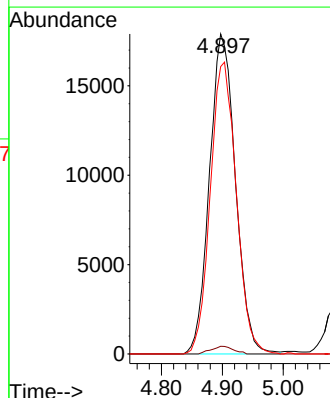
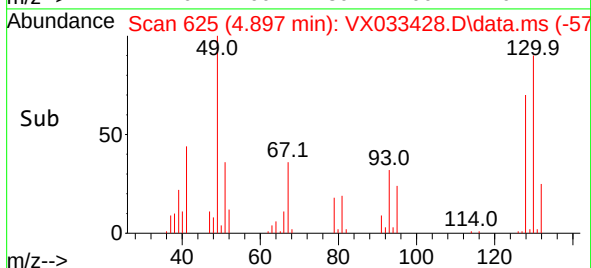
Reviewed By :John Carlone 12/15/2022  
 Supervised By :Mahesh Dadoda 12/15/2022

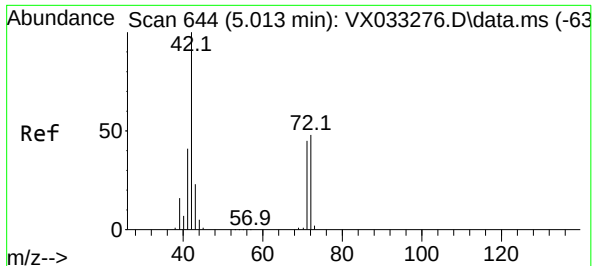


#28  
 Bromochloromethane  
 Concen: 49.763 ug/l  
 RT: 4.897 min Scan# 625  
 Delta R.T. -0.006 min  
 Lab File: VX033428.D  
 Acq: 14 Dec 2022 18:58



Tgt Ion: 49 Resp: 53029  
 Ion Ratio Lower Upper  
 49 100  
 129 2.1 0.0 3.8  
 130 91.1 67.5 101.3





#29

Tetrahydrofuran

Concen: 232.916 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 143632

Ion Ratio Lower Upper

42 100

72 49.5 37.6 56.4

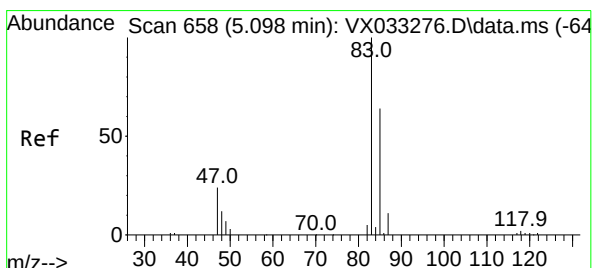
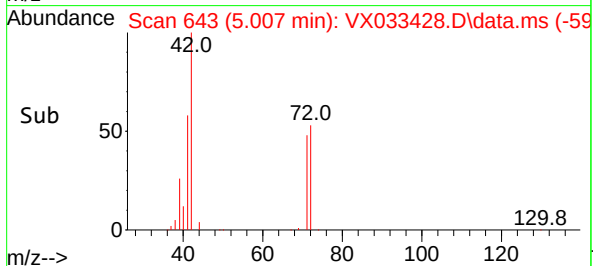
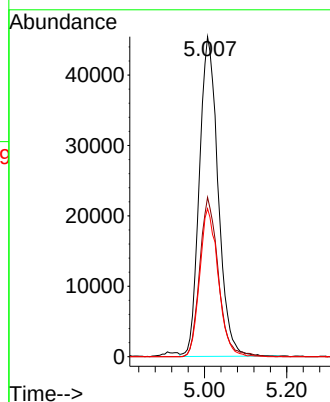
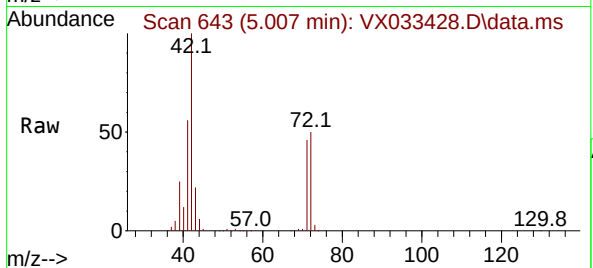
71 45.8 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#30

Chloroform

Concen: 50.579 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX033428.D

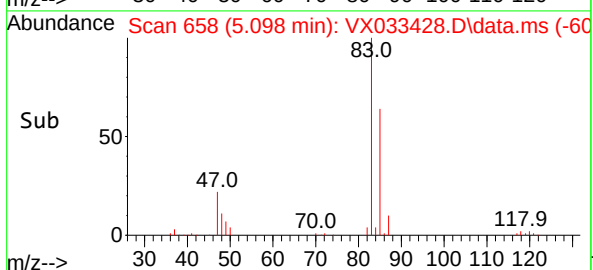
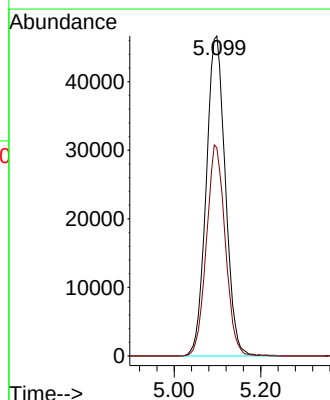
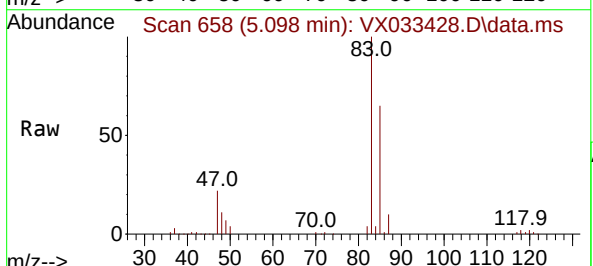
Acq: 14 Dec 2022 18:58

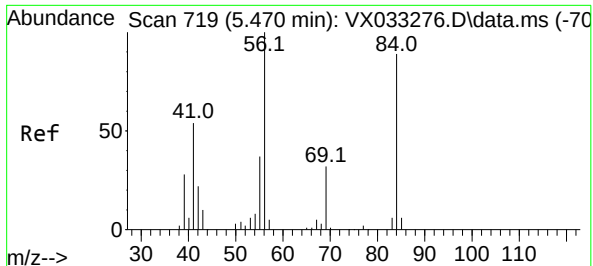
Tgt Ion: 83 Resp: 142943

Ion Ratio Lower Upper

83 100

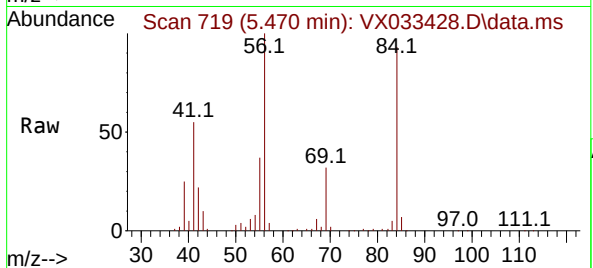
85 65.0 51.1 76.7





#31  
Cyclohexane  
Concen: 49.098 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

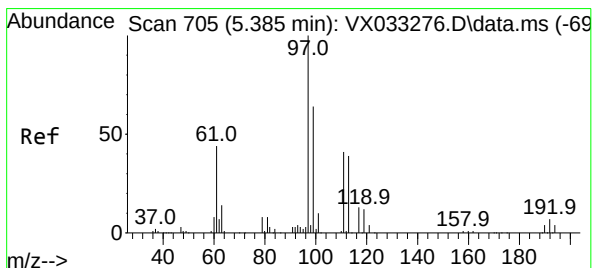
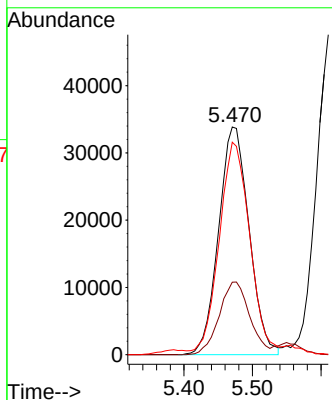
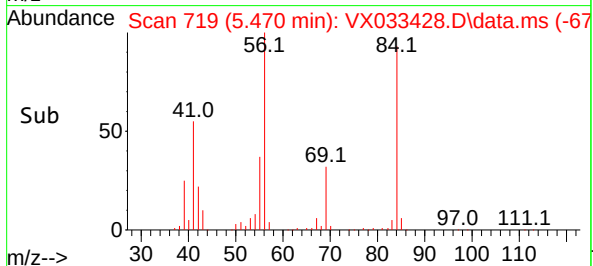
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



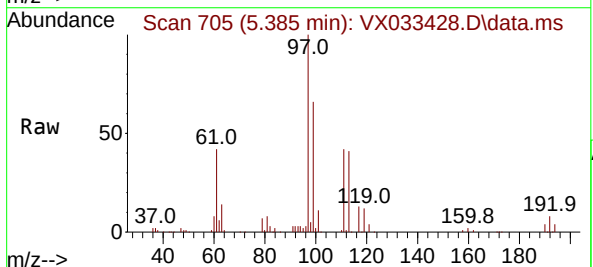
Tgt Ion: 56 Resp: 104559  
Ion Ratio Lower Upper  
56 100  
69 31.9 24.1 36.1  
84 91.5 66.9 100.3

Manual Integrations  
APPROVED

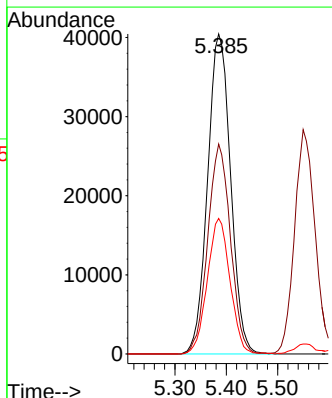
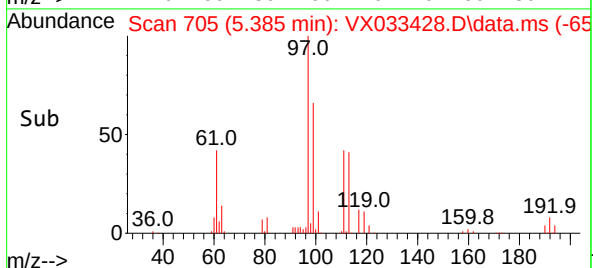
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022

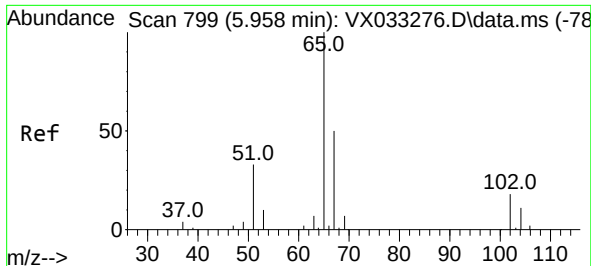


#32  
1,1,1-Trichloroethane  
Concen: 51.753 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58



Tgt Ion: 97 Resp: 125843  
Ion Ratio Lower Upper  
97 100  
99 64.7 51.4 77.0  
61 41.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.710 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 40960

Ion Ratio Lower Upper

65 100

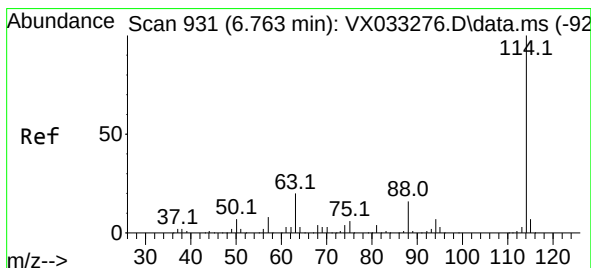
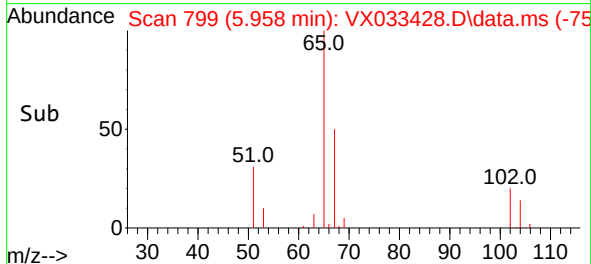
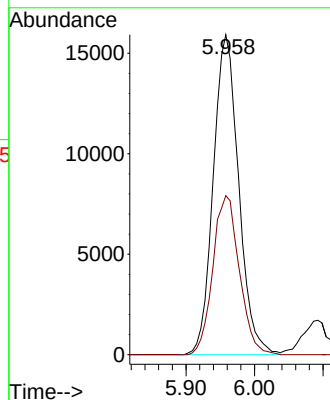
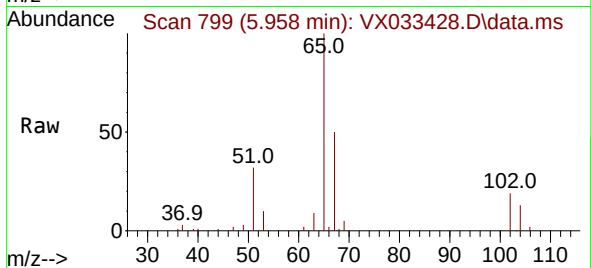
67 51.8 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

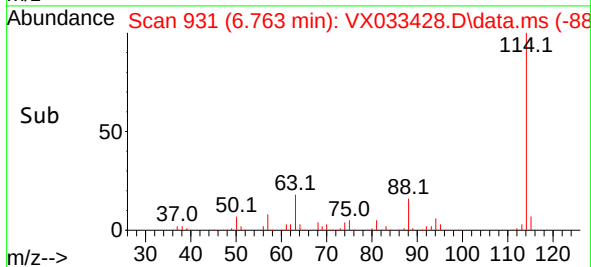
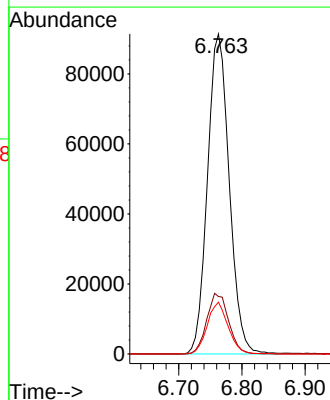
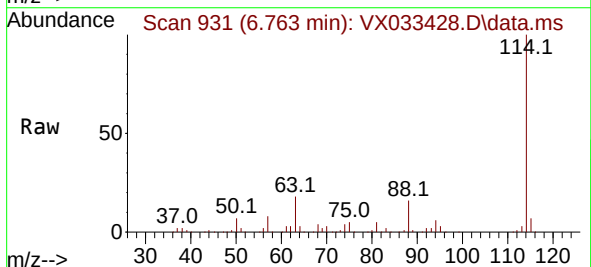
Tgt Ion:114 Resp: 218923

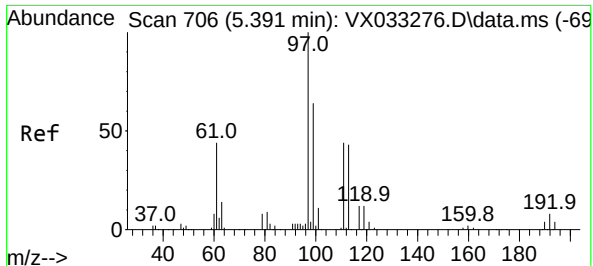
Ion Ratio Lower Upper

114 100

63 18.0 0.0 41.6

88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.054 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

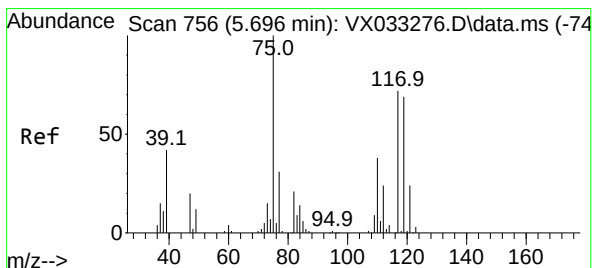
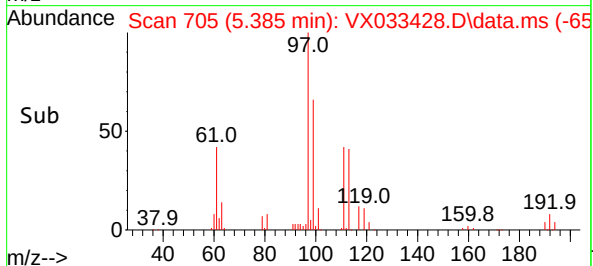
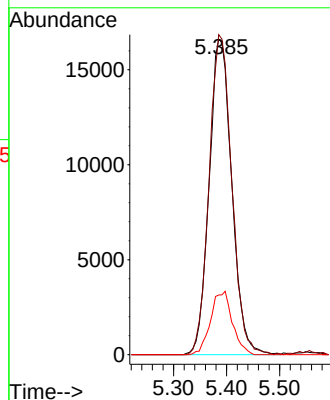
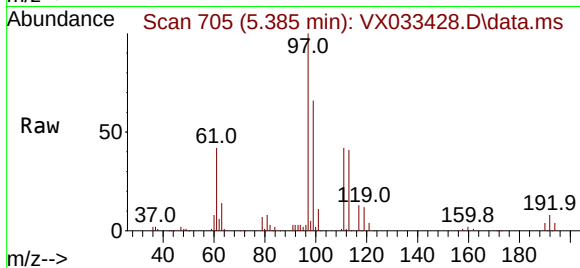
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 4928  |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 101.2 | 82.4  | 123.6 |
| 192      | 19.3  | 15.4  | 23.2  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#36

1,1-Dichloropropene

Concen: 51.617 ug/l

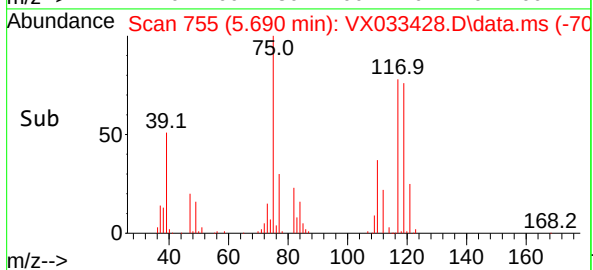
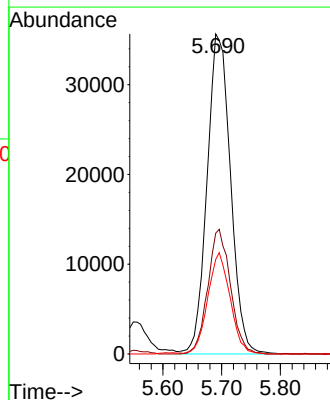
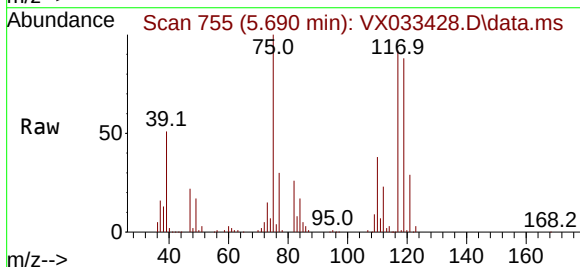
RT: 5.690 min Scan# 755

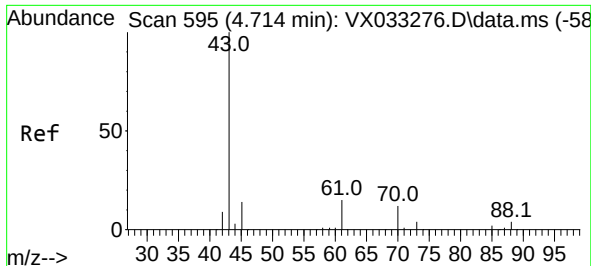
Delta R.T. -0.006 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 99094 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 37.6  | 18.4  | 55.2  |
| 77       | 30.1  | 24.5  | 36.7  |





#37

Ethyl Acetate

Concen: 49.215 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

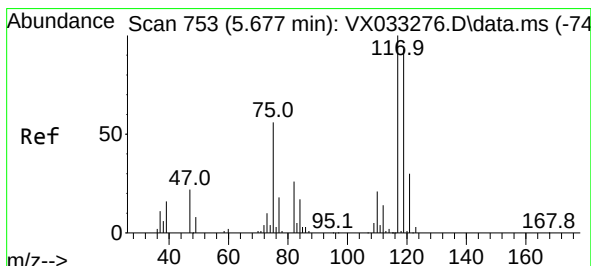
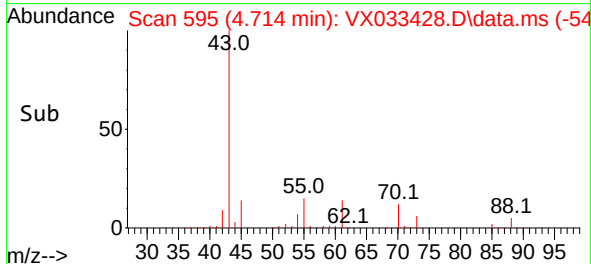
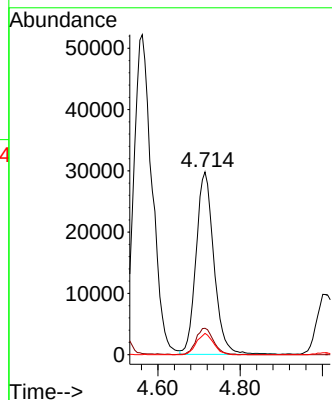
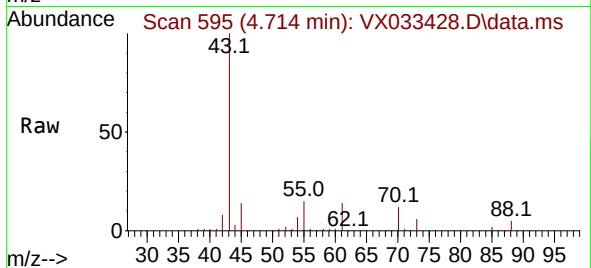
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 8931  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.4  | 11.5  | 17.3  |
| 70       | 11.1  | 9.1   | 13.7  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#38

Carbon Tetrachloride

Concen: 51.050 ug/l

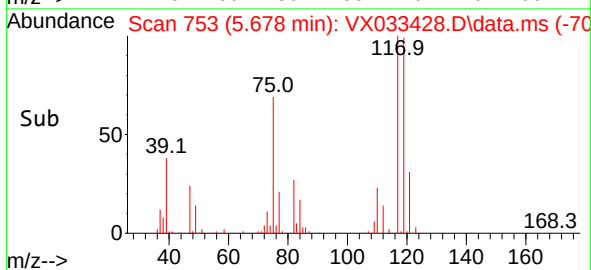
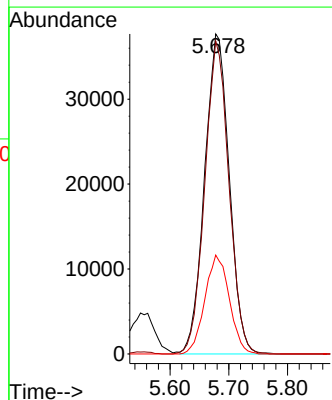
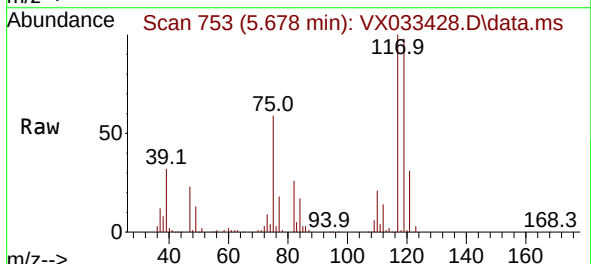
RT: 5.678 min Scan# 753

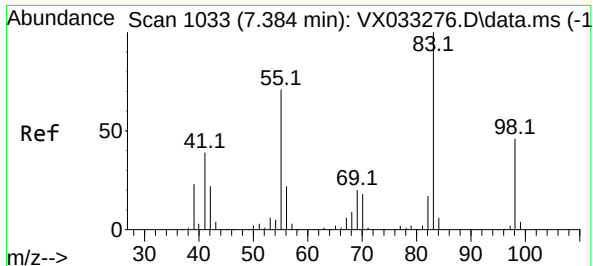
Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 109805 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.8  | 77.2  | 115.8  |
| 121      | 30.9  | 25.8  | 38.6   |





#39

Methylcyclohexane

Concen: 51.777 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 111259

Ion Ratio Lower Upper

83 100

55 72.1 58.4 87.6

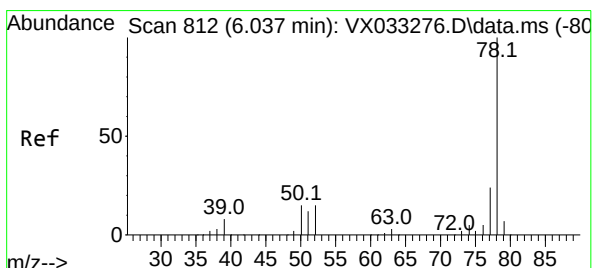
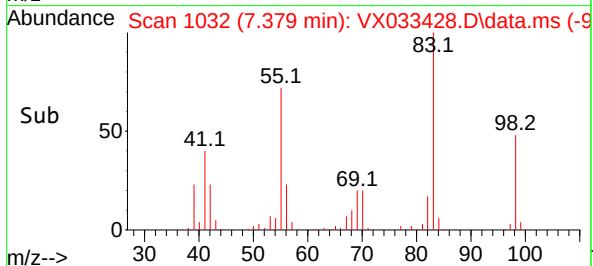
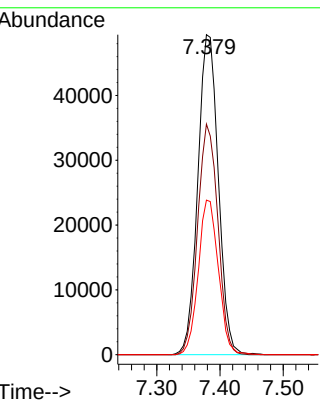
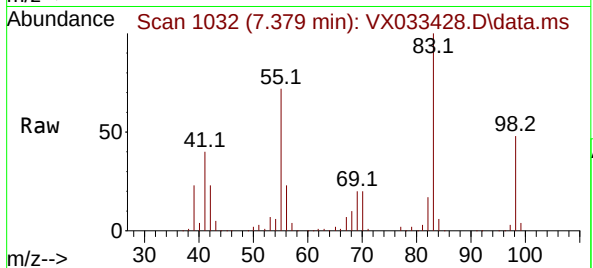
98 48.3 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#40

Benzene

Concen: 51.739 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX033428.D

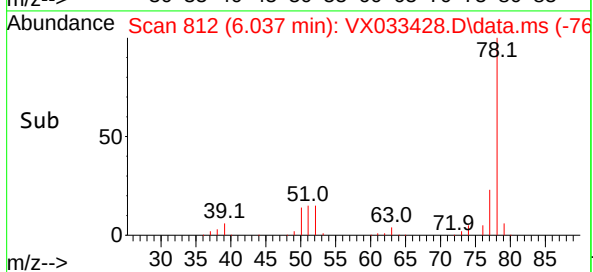
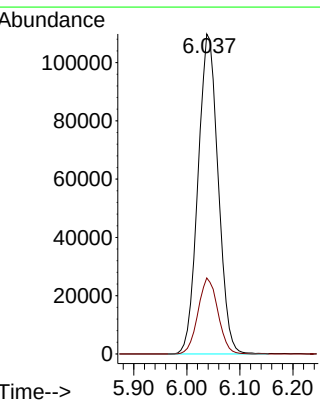
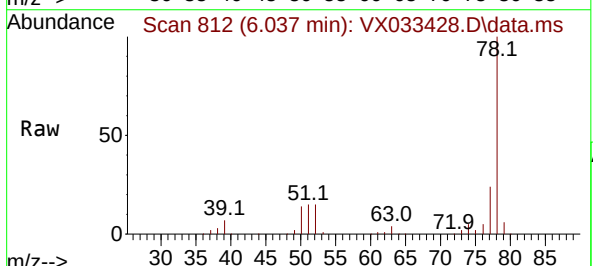
Acq: 14 Dec 2022 18:58

Tgt Ion: 78 Resp: 289608

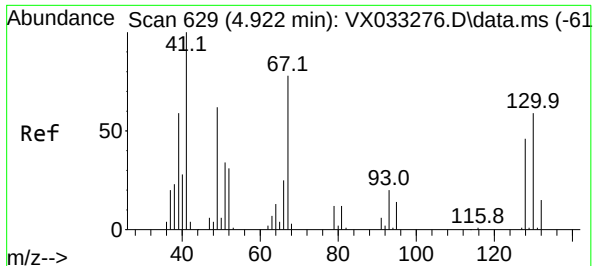
Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.4







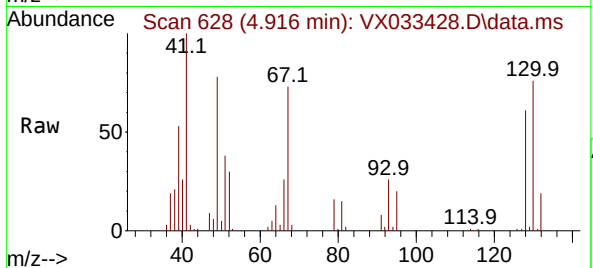
#41  
Methacrylonitrile  
Concen: 50.152 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC



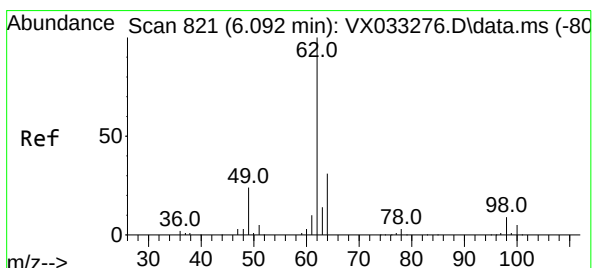
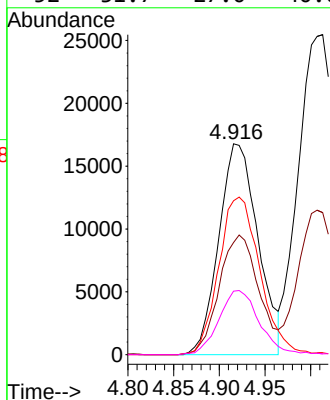
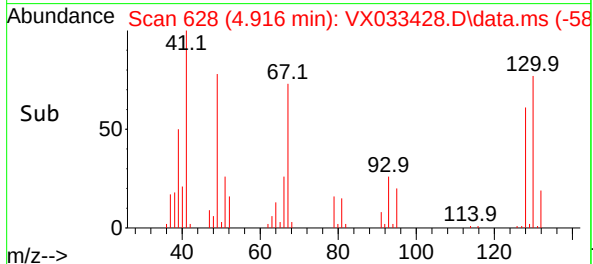
Tgt Ion: 41 Resp: 50152  
Ion Ratio Lower Upper  
41 100  
39 57.5 47.5 71.3  
67 78.8 60.5 90.7  
52 31.7 27.0 40.6

Manual Integrations

APPROVED

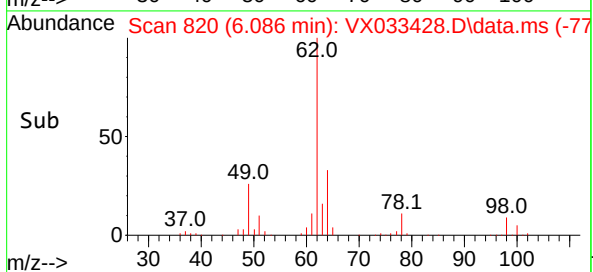
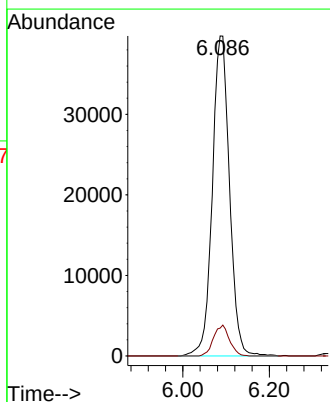
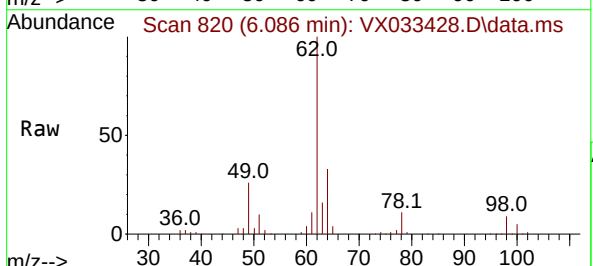
Reviewed By :John Carlone 12/15/2022

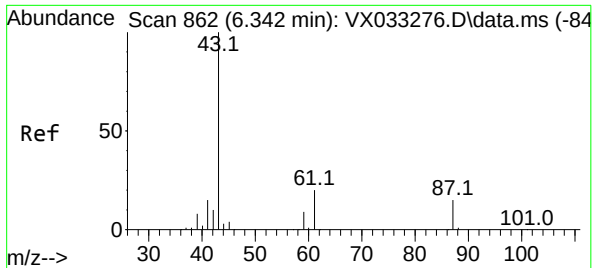
Supervised By :Mahesh Dadoda 12/15/2022



#42  
1,2-Dichloroethane  
Concen: 49.202 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.006 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

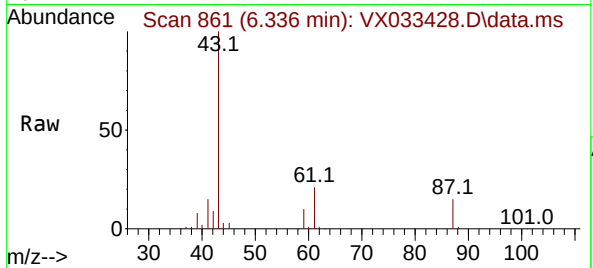
Tgt Ion: 62 Resp: 109364  
Ion Ratio Lower Upper  
62 100  
98 9.0 0.0 16.0





#43  
Isopropyl Acetate  
Concen: 50.467 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

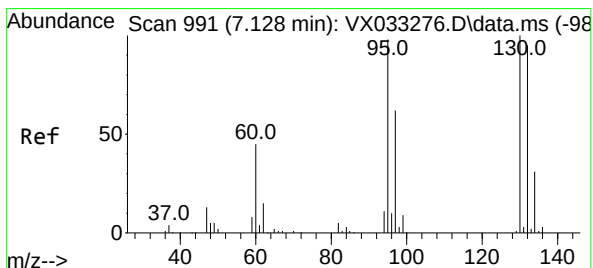
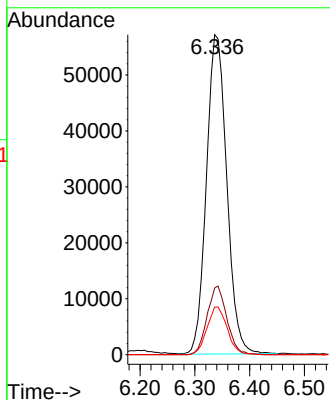
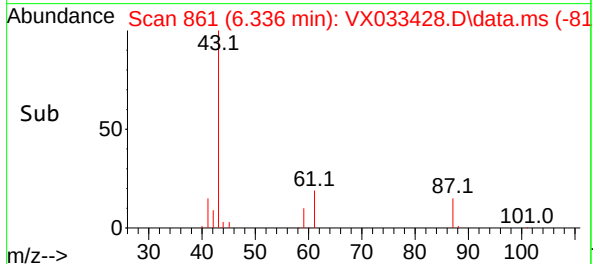
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 43 Resp: 147358  
Ion Ratio Lower Upper  
43 100  
61 20.7 15.4 23.0  
87 14.8 10.8 16.2

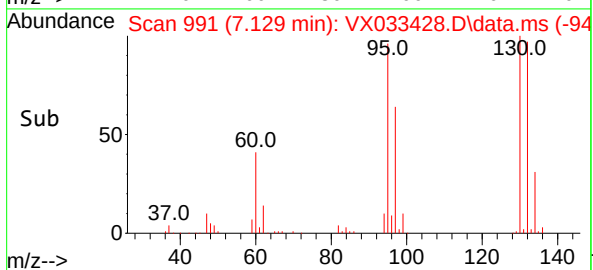
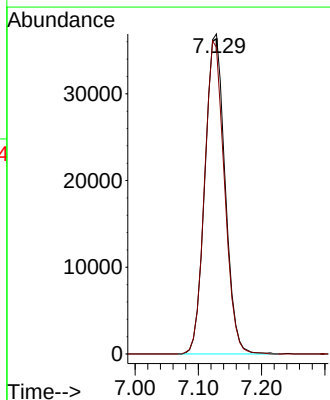
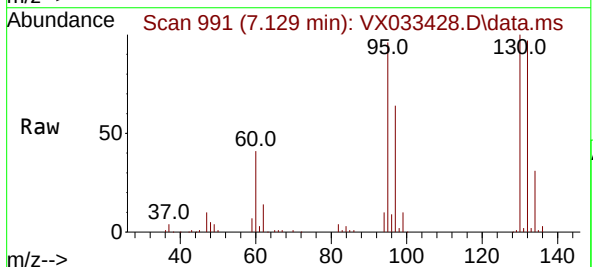
Manual Integrations  
APPROVED

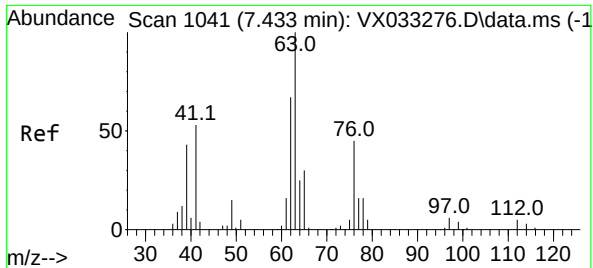
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#44  
Trichloroethene  
Concen: 52.715 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Tgt Ion:130 Resp: 81354  
Ion Ratio Lower Upper  
130 100  
95 95.8 0.0 195.2





#45

1,2-Dichloropropane

Concen: 51.698 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 74000

Ion Ratio Lower Upper

63 100

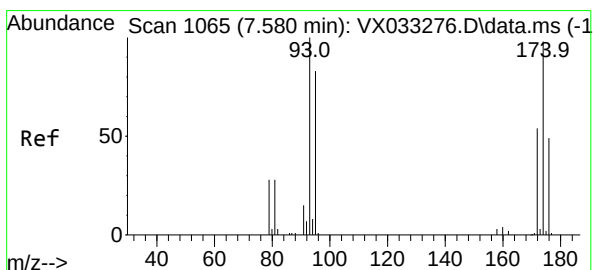
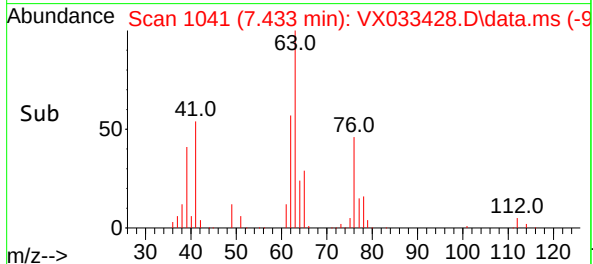
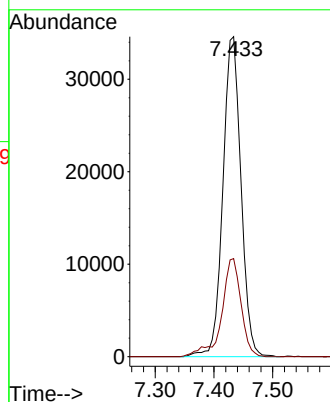
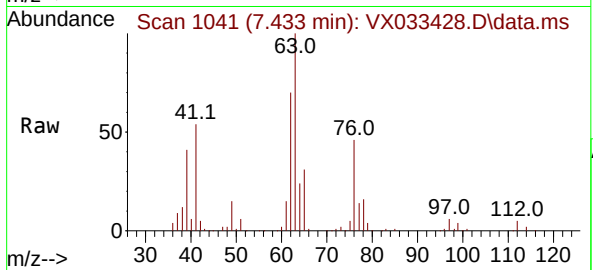
65 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#46

Dibromomethane

Concen: 50.705 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

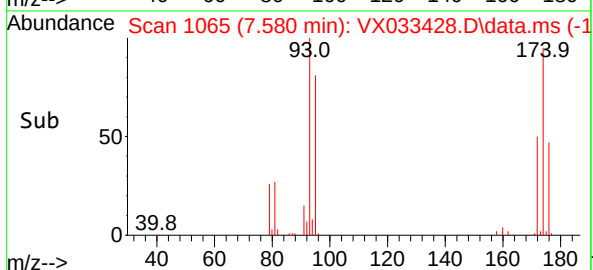
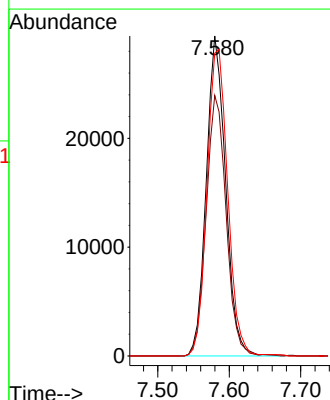
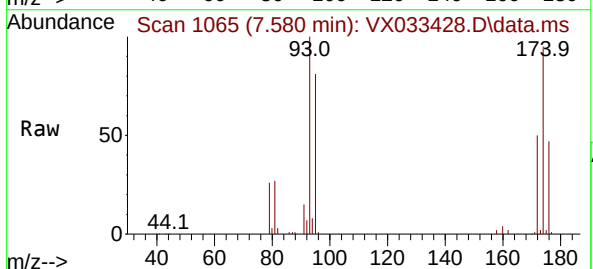
Tgt Ion: 93 Resp: 55294

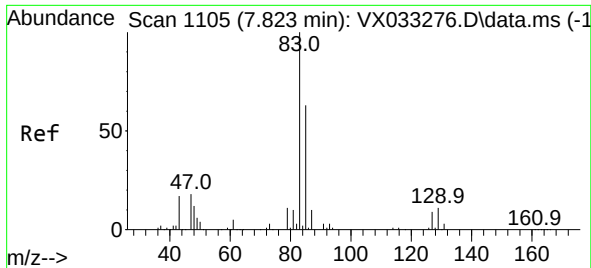
Ion Ratio Lower Upper

93 100

95 84.3 65.8 98.8

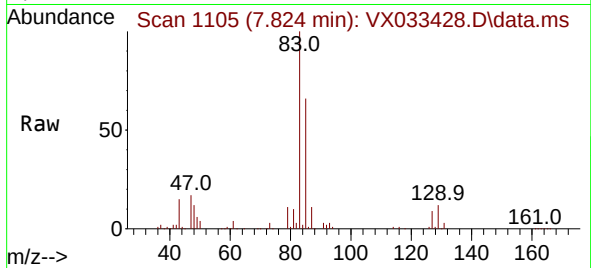
174 102.7 79.8 119.6





#47  
Bromodichloromethane  
Concen: 51.173 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

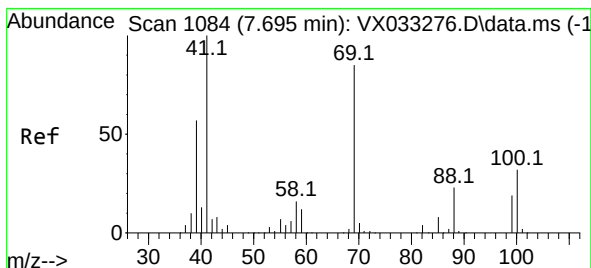
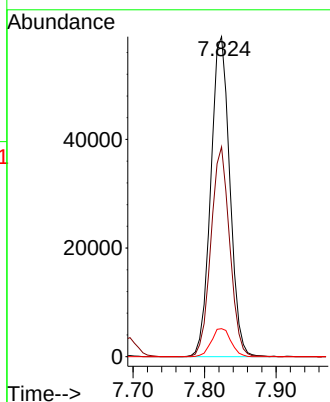
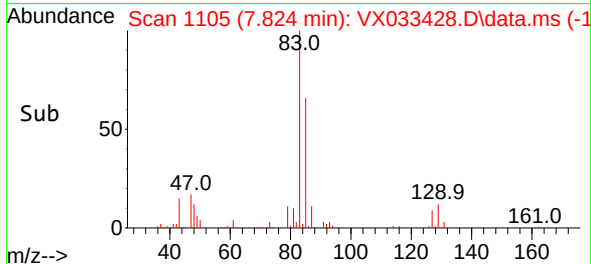
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



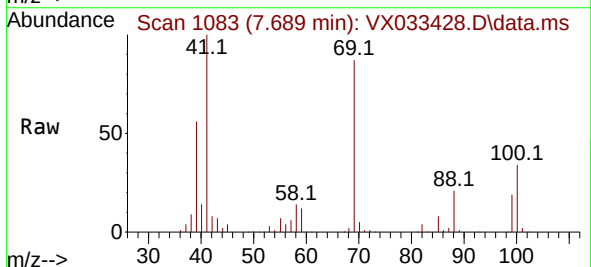
Tgt Ion: 83 Resp: 108779  
Ion Ratio Lower Upper  
83 100  
85 65.5 52.2 78.4  
127 8.7 7.4 11.2

Manual Integrations  
APPROVED

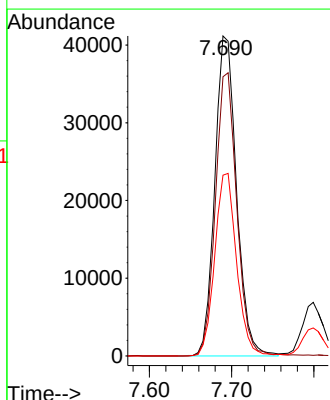
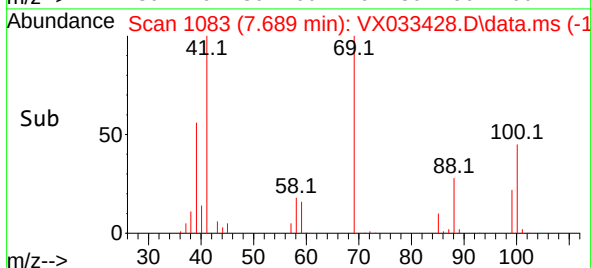
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022

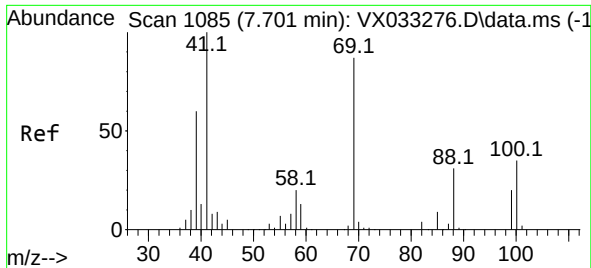


#48  
Methyl methacrylate  
Concen: 50.086 ug/l  
RT: 7.689 min Scan# 1083  
Delta R.T. -0.006 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58



Tgt Ion: 41 Resp: 75478  
Ion Ratio Lower Upper  
41 100  
69 87.6 65.1 97.7  
39 57.5 51.9 77.9





#49

1,4-Dioxane

Concen: 997.498 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 34278

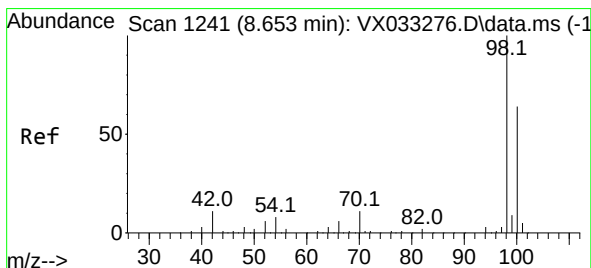
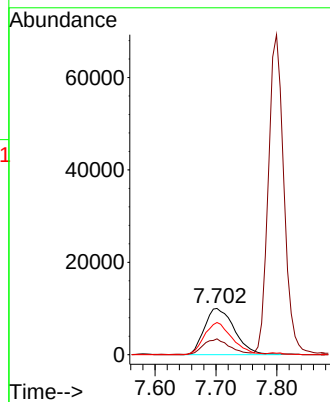
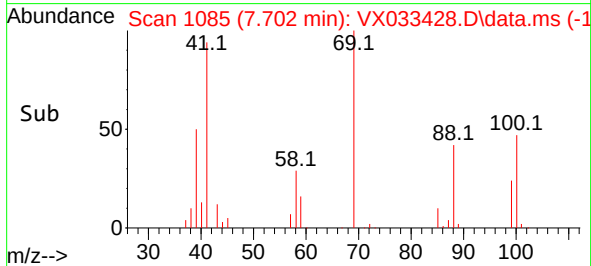
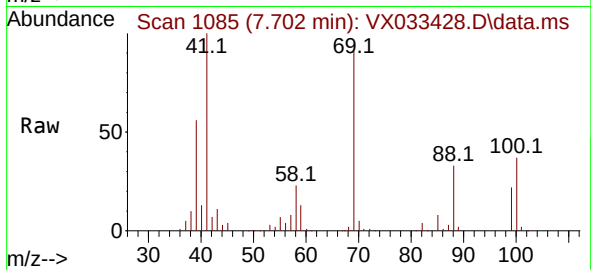
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 29.2  | 26.6  | 39.8  |
| 58  | 64.1  | 51.7  | 77.5  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 49.898 ug/l

RT: 8.647 min Scan# 1240

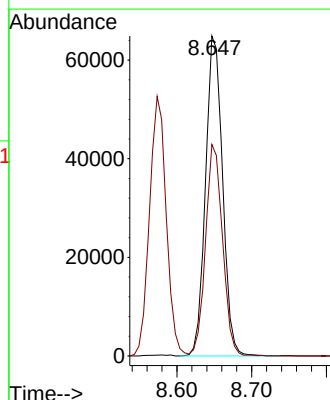
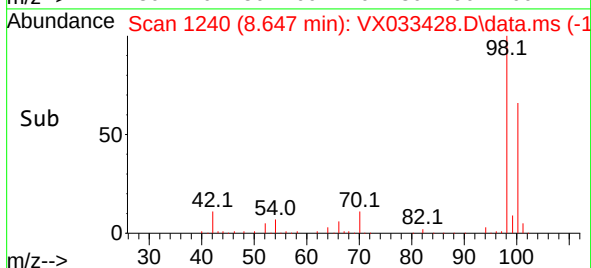
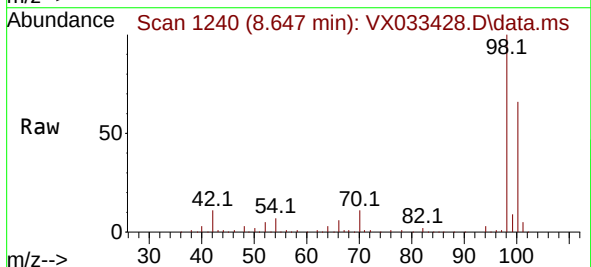
Delta R.T. -0.006 min

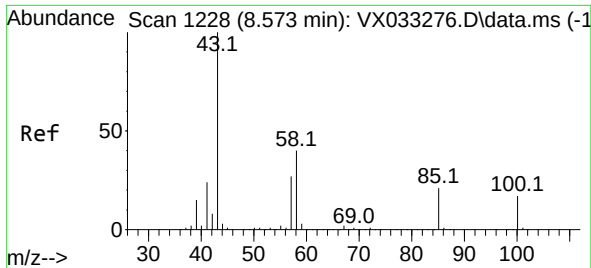
Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Tgt Ion: 98 Resp: 102785

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 65.9  | 50.9  | 76.3  |





#51  
4-Methyl-2-Pentanone  
Concen: 251.726 ug/l  
RT: 8.573 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

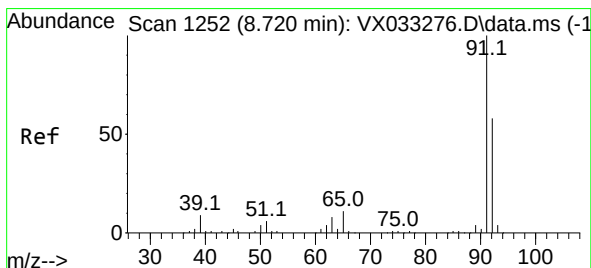
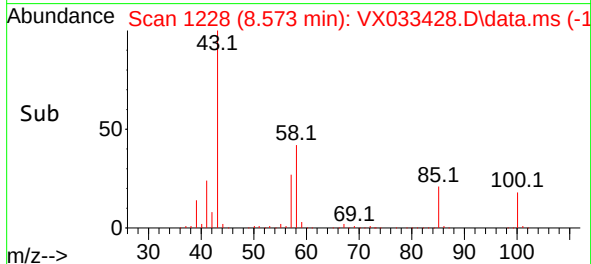
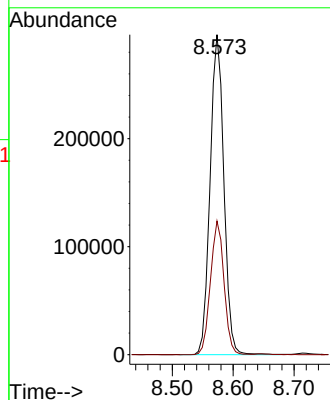
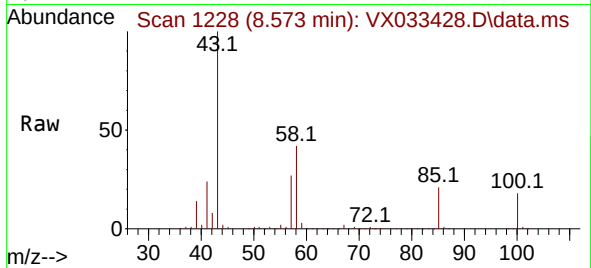
VSTDCCC050EC

Tgt Ion: 43 Resp: 464810  
Ion Ratio Lower Upper  
43 100  
58 41.1 30.9 46.3

Manual Integrations

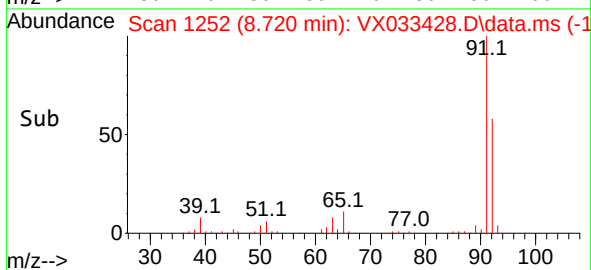
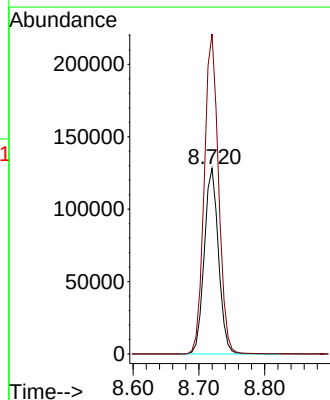
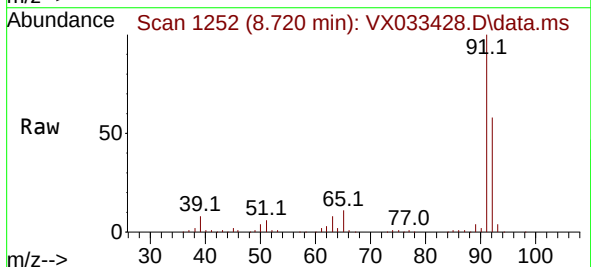
APPROVED

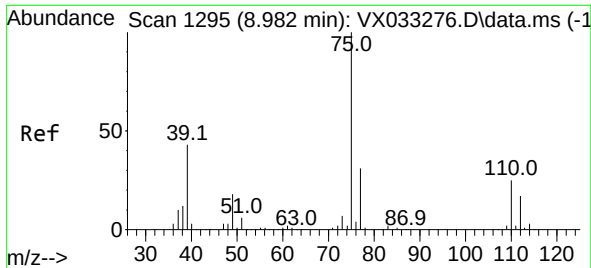
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#52  
Toluene  
Concen: 53.294 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Tgt Ion: 92 Resp: 192873  
Ion Ratio Lower Upper  
92 100  
91 173.0 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 48.771 ug/l

RT: 8.976 min Scan# 1122

Delta R.T. -0.006 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 11122

Ion Ratio Lower Upper

75 100

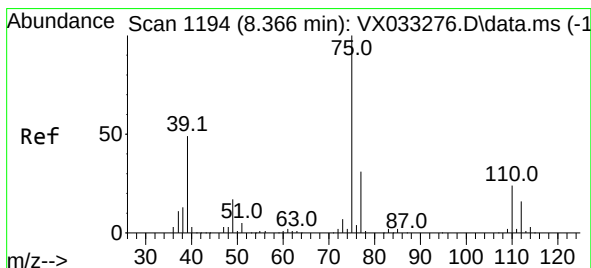
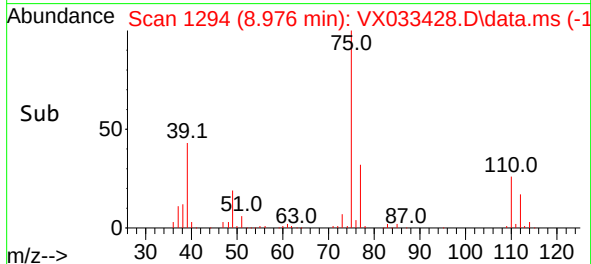
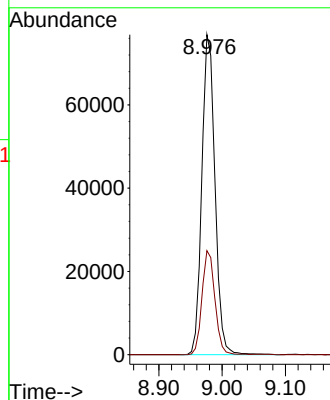
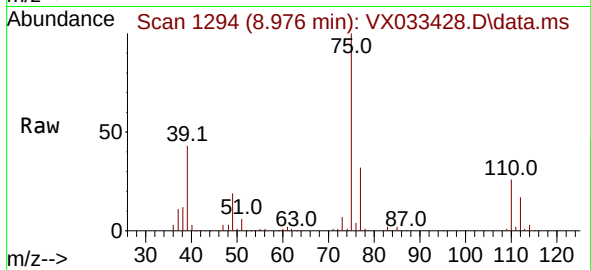
77 32.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#54

cis-1,3-Dichloropropene

Concen: 53.879 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

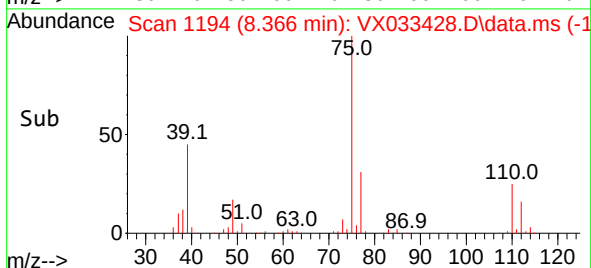
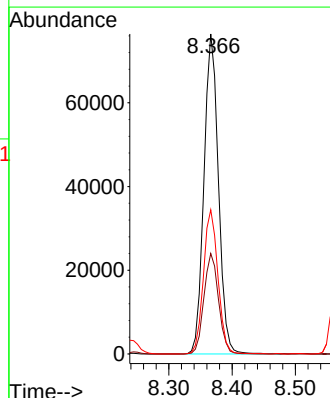
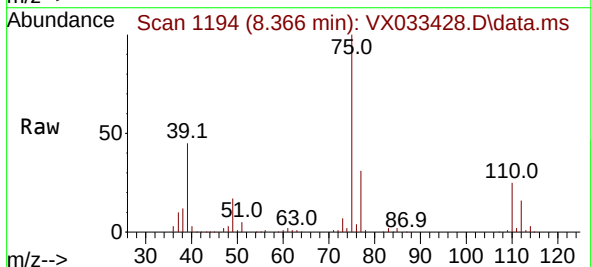
Tgt Ion: 75 Resp: 121875

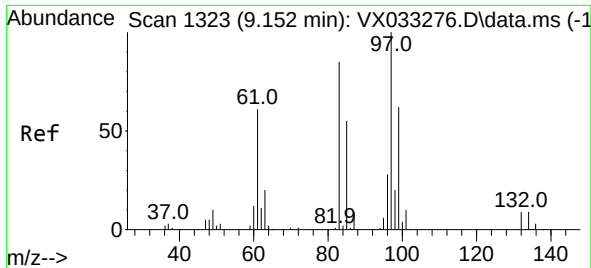
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

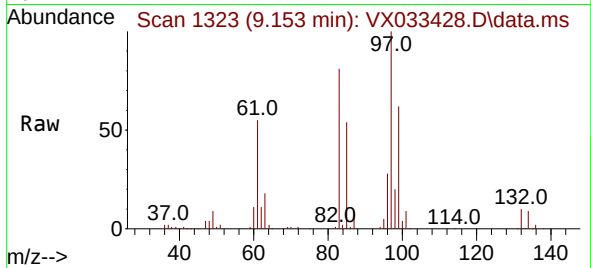
39 45.0 45.5 68.3#





#55  
1,1,2-Trichloroethane  
Concen: 53.210 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

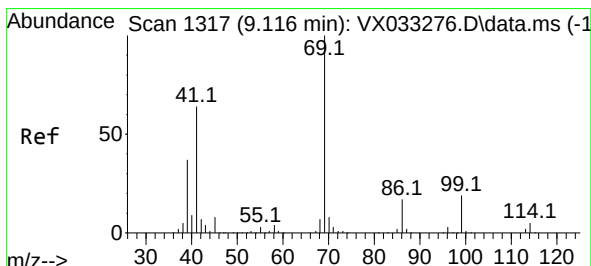
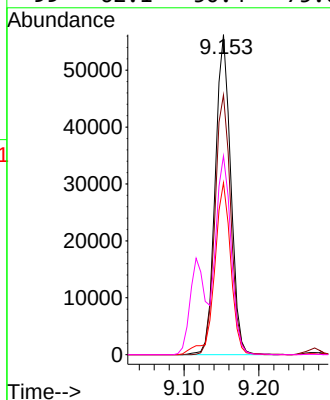
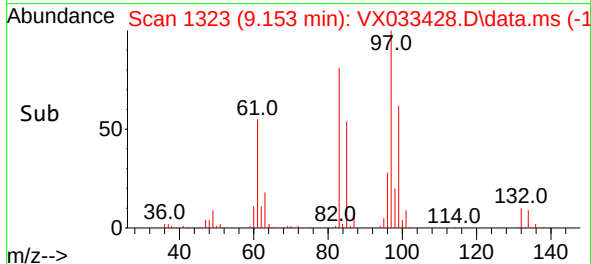
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



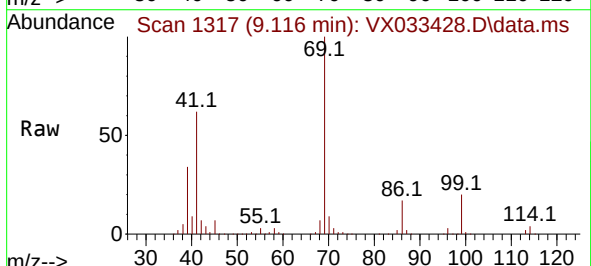
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 81.2  | 68.1  | 102.1 |
| 85      | 53.7  | 43.3  | 64.9  |
| 99      | 62.1  | 50.4  | 75.6  |

Manual Integrations  
APPROVED

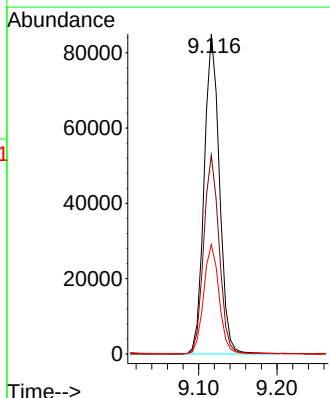
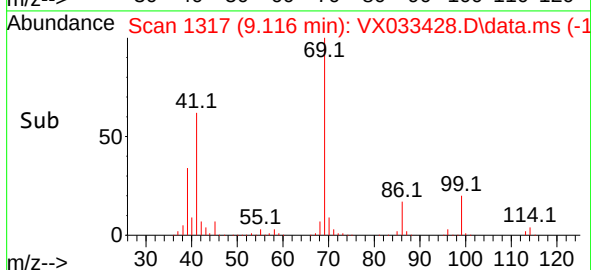
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



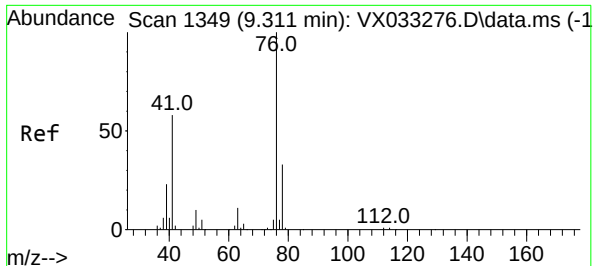
#56  
Ethyl methacrylate  
Concen: 53.635 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 63.1  | 54.3  | 81.5  |
| 39      | 34.7  | 35.2  | 52.8  |







#57

1,3-Dichloropropane

Concen: 52.357 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 12795

Ion Ratio Lower Upper

76 100

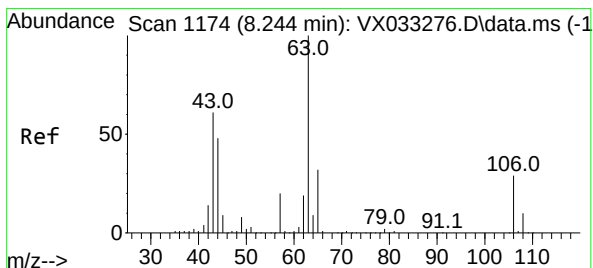
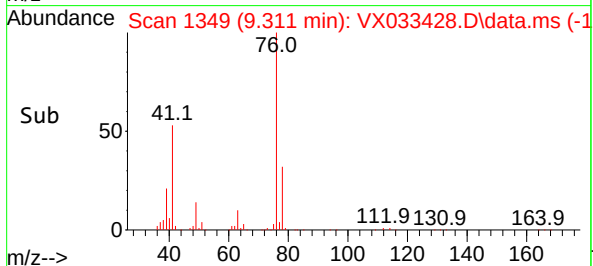
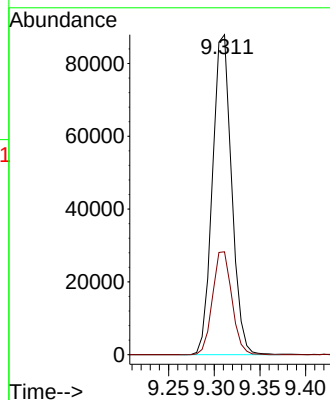
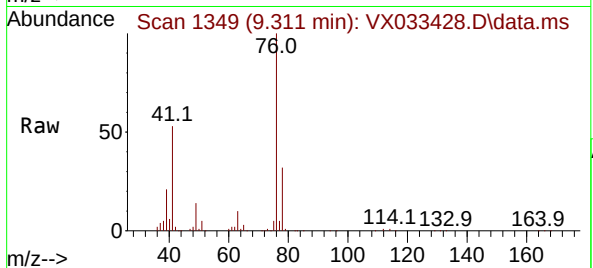
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 264.984 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX033428.D

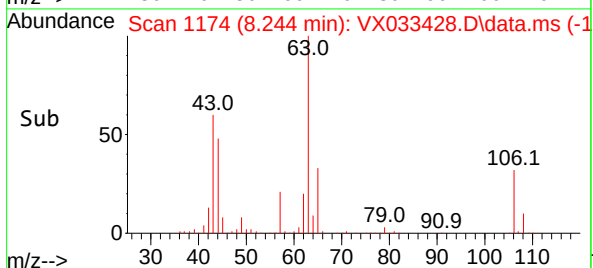
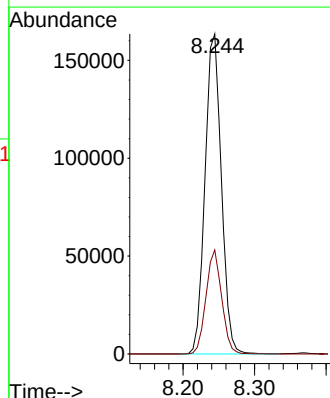
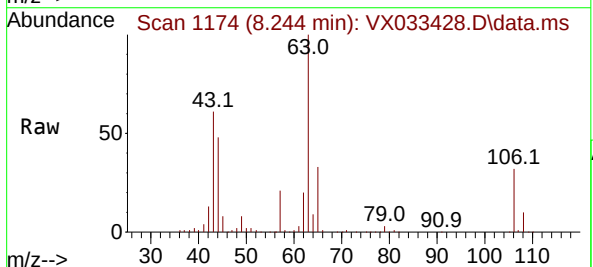
Acq: 14 Dec 2022 18:58

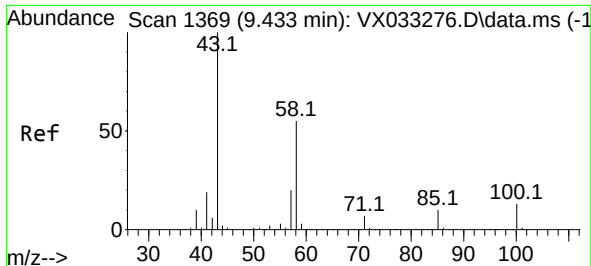
Tgt Ion: 63 Resp: 259702

Ion Ratio Lower Upper

63 100

106 31.2 23.3 34.9





#59

2-Hexanone

Concen: 250.403 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 340739

Ion Ratio Lower Upper

43 100

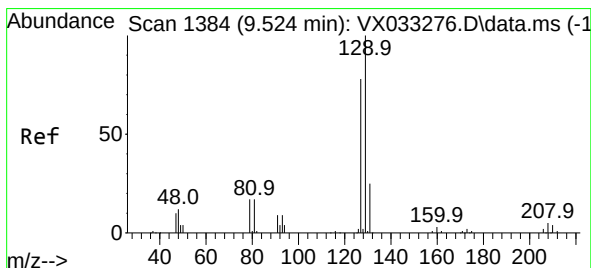
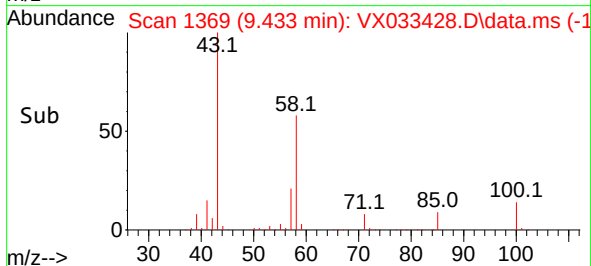
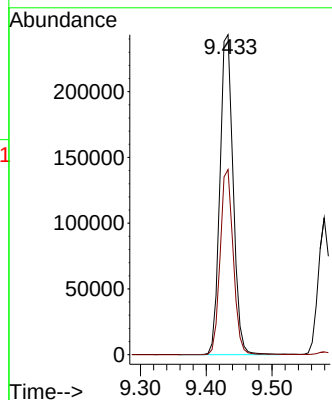
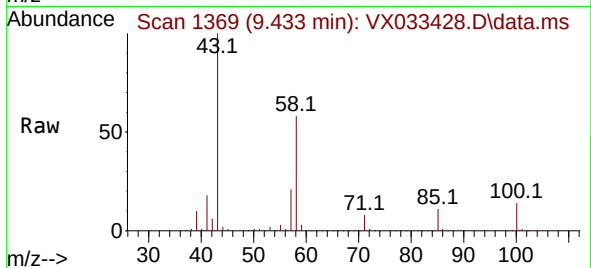
58 57.3 26.5 79.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#60

Dibromochloromethane

Concen: 52.706 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX033428.D

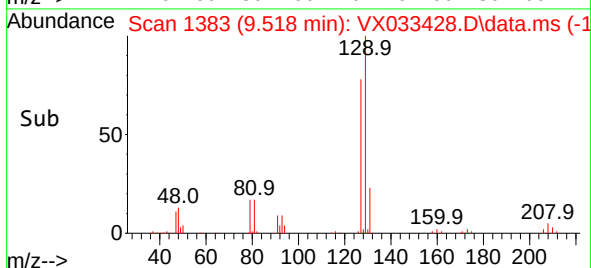
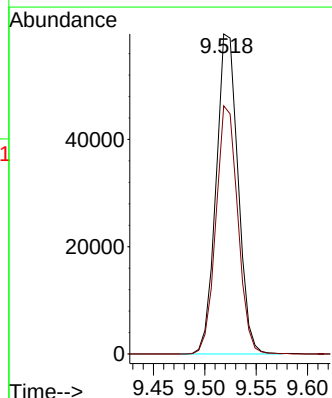
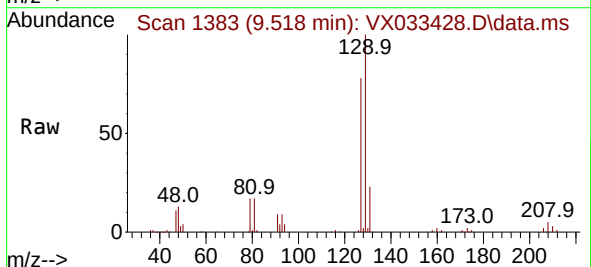
Acq: 14 Dec 2022 18:58

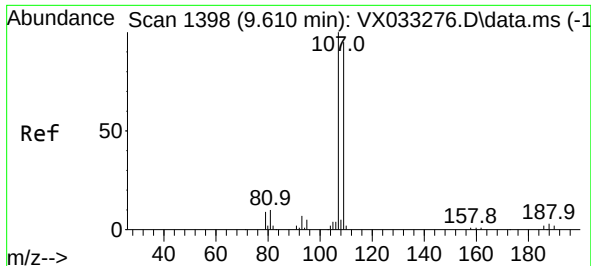
Tgt Ion:129 Resp: 88343

Ion Ratio Lower Upper

129 100

127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.376 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:107 Resp: 86372

Ion Ratio Lower Upper

107 100

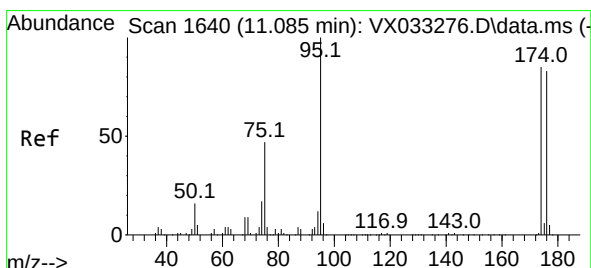
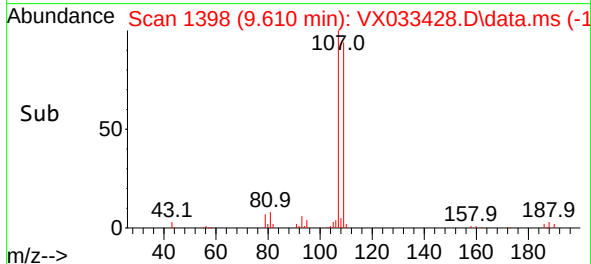
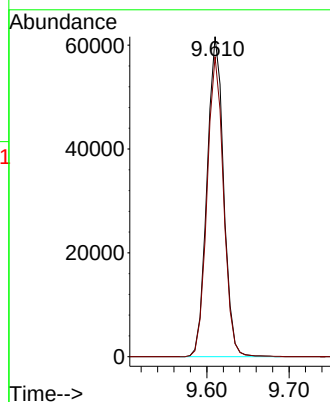
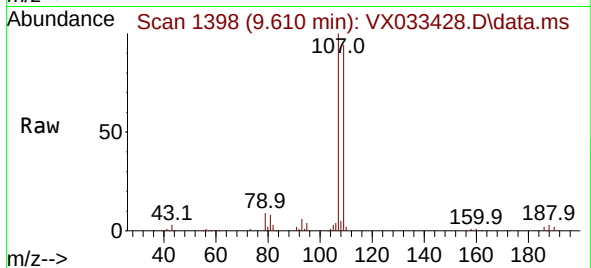
109 93.0 76.0 114.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#62

4-Bromofluorobenzene

Concen: 52.276 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

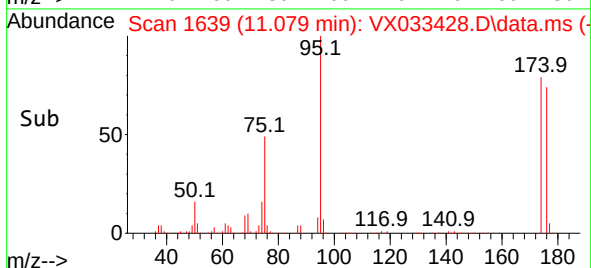
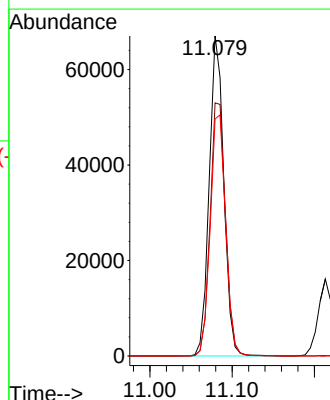
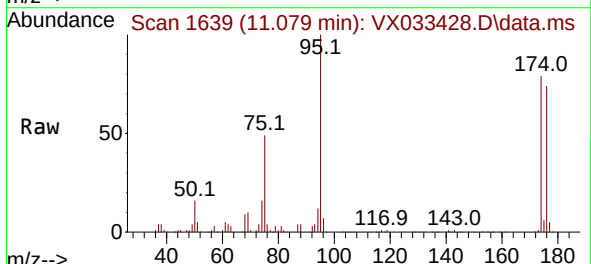
Tgt Ion: 95 Resp: 82335

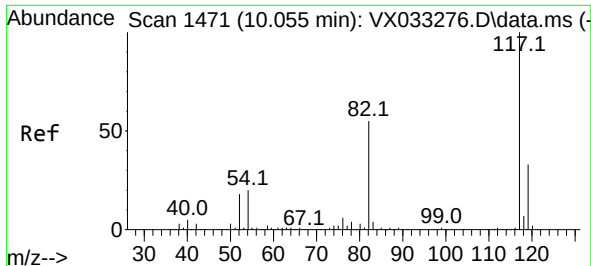
Ion Ratio Lower Upper

95 100

174 83.8 0.0 164.0

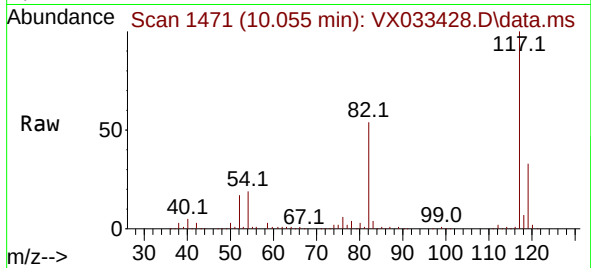
176 80.0 0.0 154.4





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

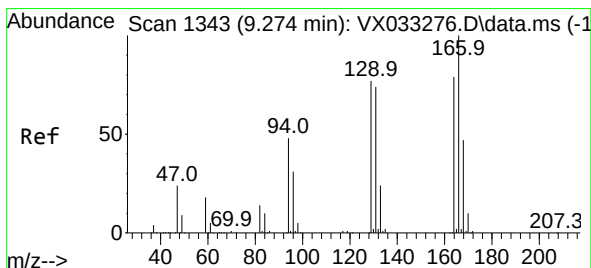
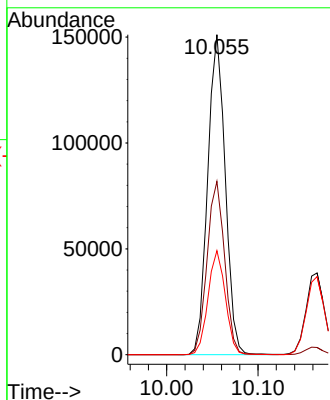
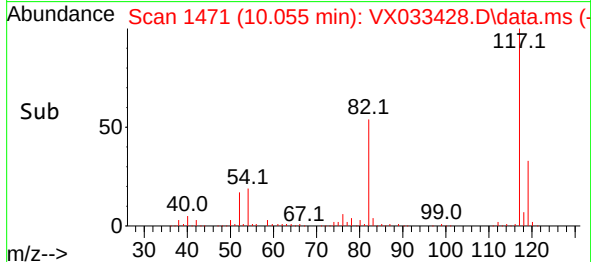
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion:117 Resp: 200972  
Ion Ratio Lower Upper  
117 100  
82 54.2 44.3 66.5  
119 32.5 25.7 38.5

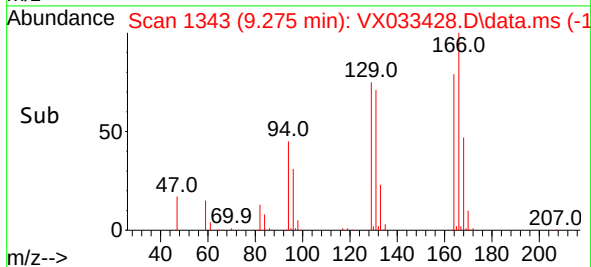
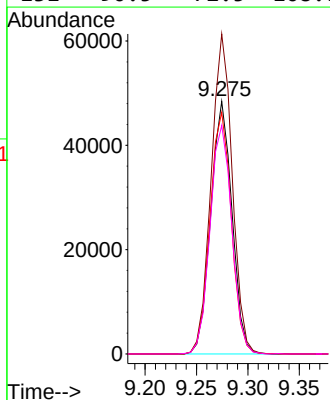
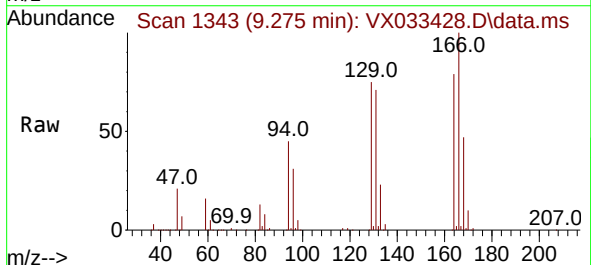
Manual Integrations  
APPROVED

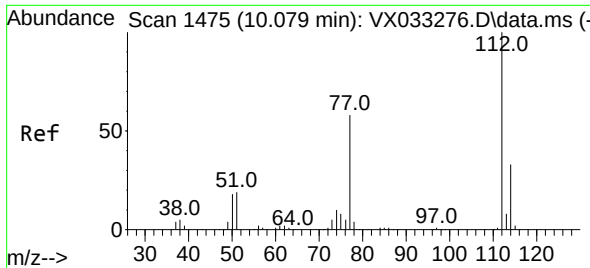
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#64  
Tetrachloroethene  
Concen: 50.626 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Tgt Ion:164 Resp: 69572  
Ion Ratio Lower Upper  
164 100  
166 126.7 105.4 158.2  
129 95.6 78.2 117.2  
131 90.5 72.5 108.7





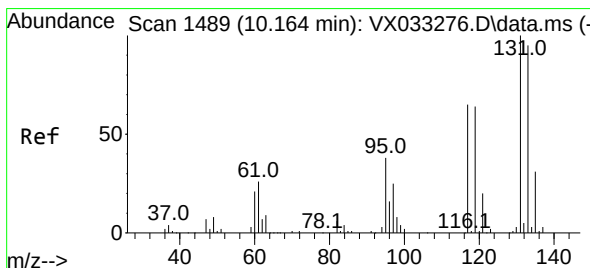
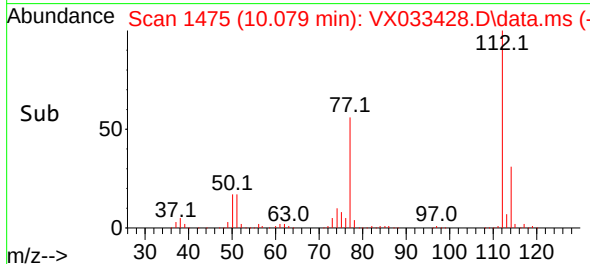
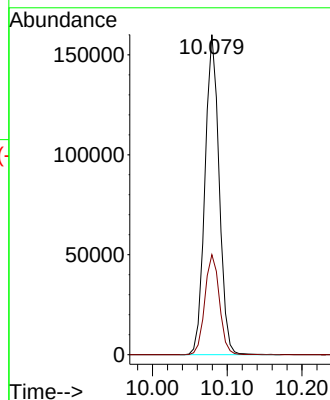
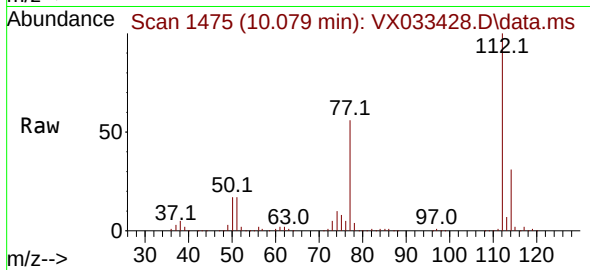
#65  
Chlorobenzene  
Concen: 51.809 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:112 Resp: 21084  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.4 38.2

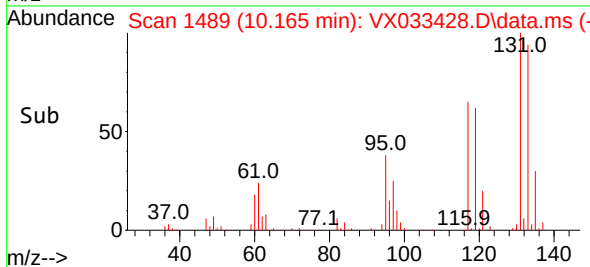
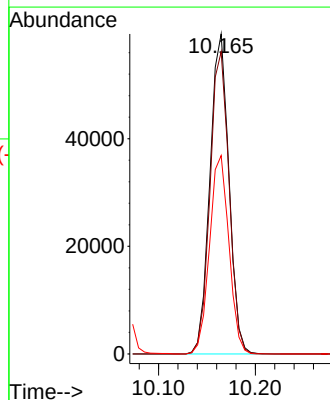
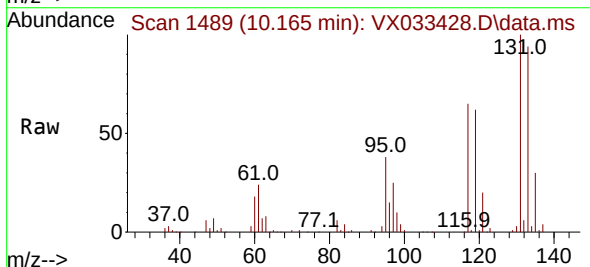
Manual Integrations  
APPROVED

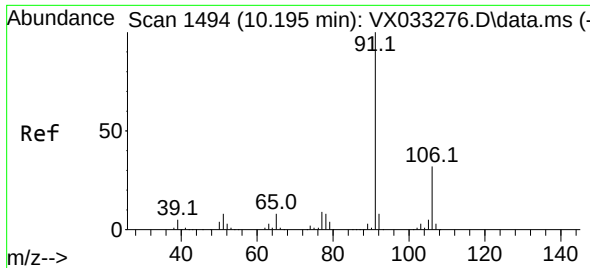
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.786 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

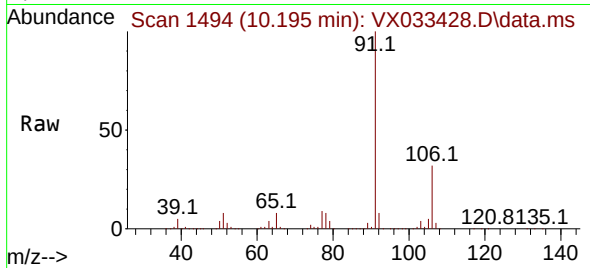
Tgt Ion:131 Resp: 81183  
Ion Ratio Lower Upper  
131 100  
133 94.8 47.6 142.9  
119 63.3 32.4 97.0





#67  
Ethyl Benzene  
Concen: 52.769 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

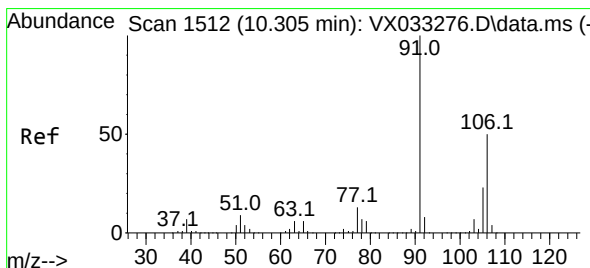
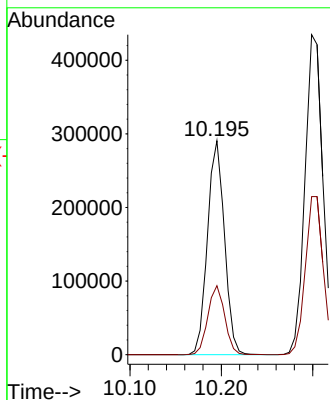
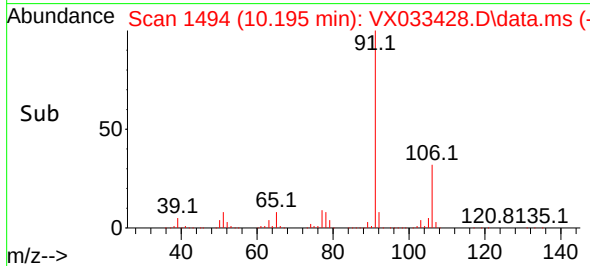
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



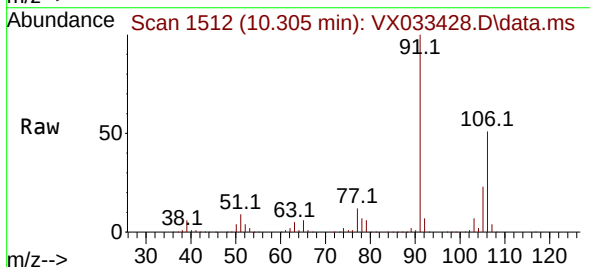
Tgt Ion: 91 Resp: 374134  
Ion Ratio Lower Upper  
91 100  
106 32.2 25.0 37.6

Manual Integrations  
APPROVED

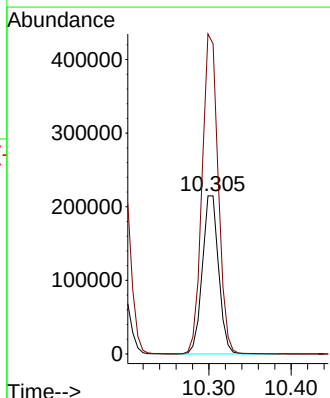
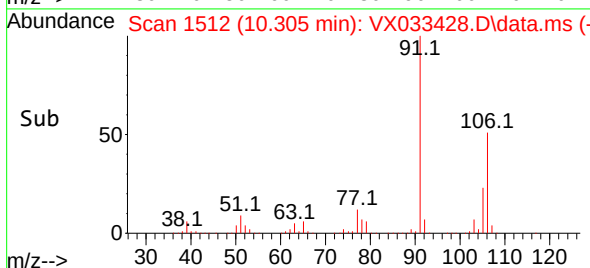
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022

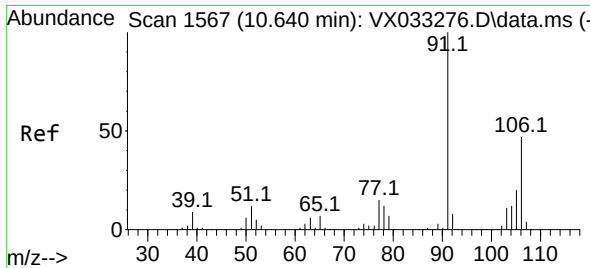


#68  
m/p-Xylenes  
Concen: 106.912 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58



Tgt Ion:106 Resp: 294918  
Ion Ratio Lower Upper  
106 100  
91 200.9 164.5 246.7





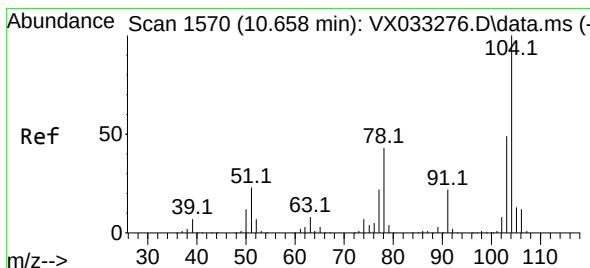
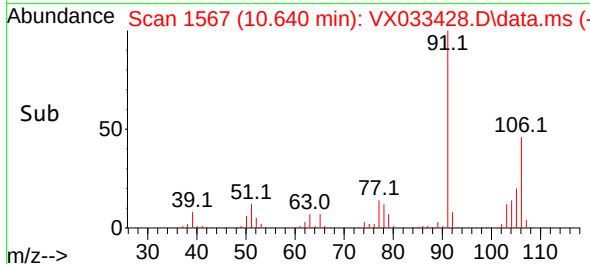
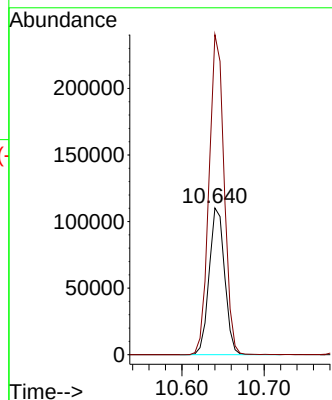
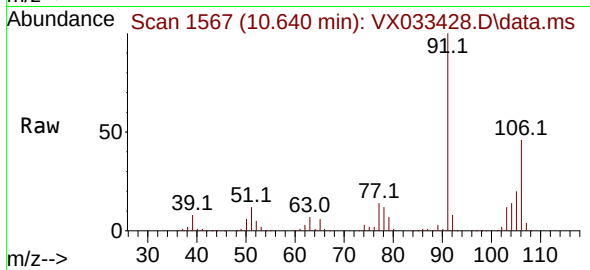
#69  
o-Xylene  
Concen: 52.834 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 144060  
Ion Ratio Lower Upper  
106 100  
91 212.7 109.2 327.6

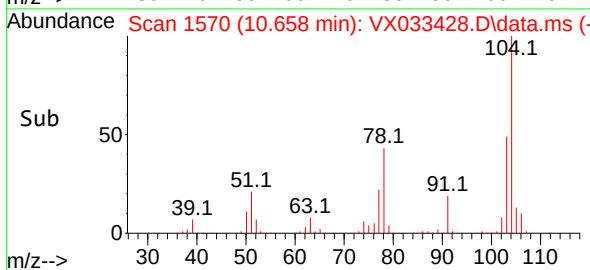
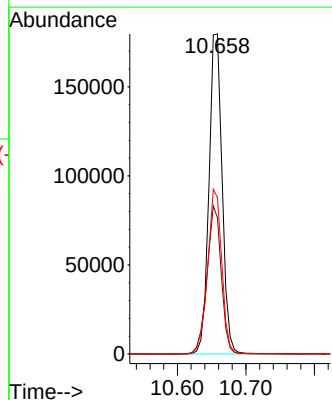
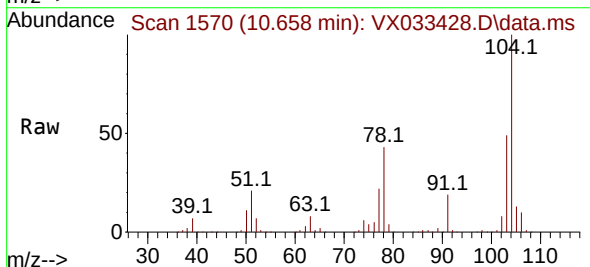
Manual Integrations  
APPROVED

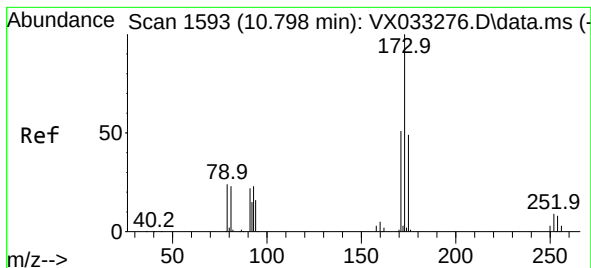
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#70  
Styrene  
Concen: 53.913 ug/l  
RT: 10.658 min Scan# 1570  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Tgt Ion:104 Resp: 240756  
Ion Ratio Lower Upper  
104 100  
78 49.9 41.8 62.8  
103 55.2 44.5 66.7





#71

Bromoform

Concen: 51.965 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

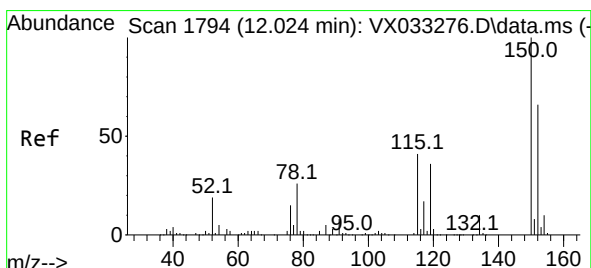
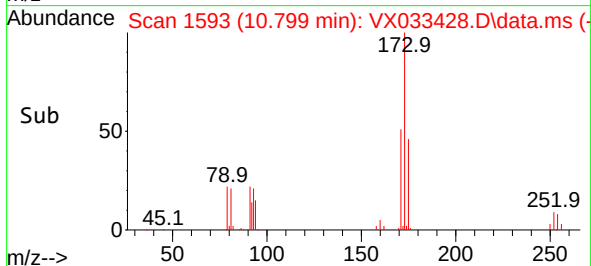
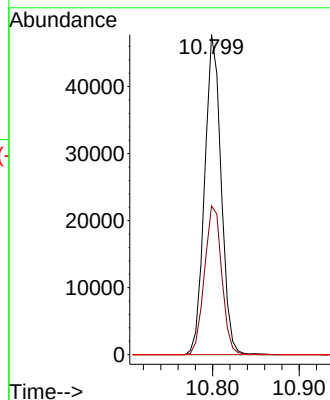
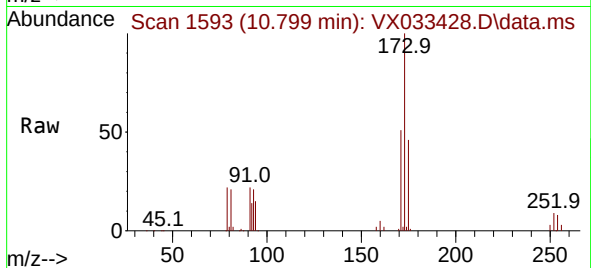
Tgt Ion:173 Resp: 6326  
 Ion Ratio Lower Upper  
 173 100  
 175 48.7 23.9 71.8  
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

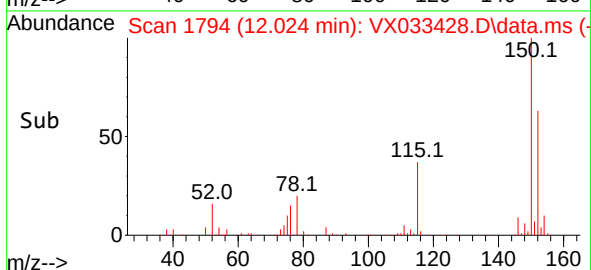
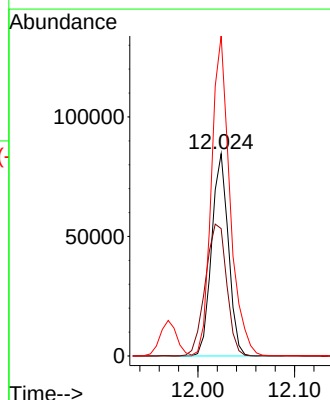
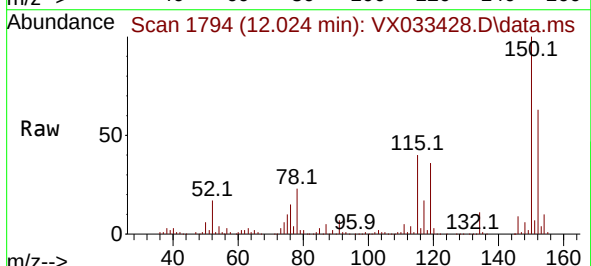
RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

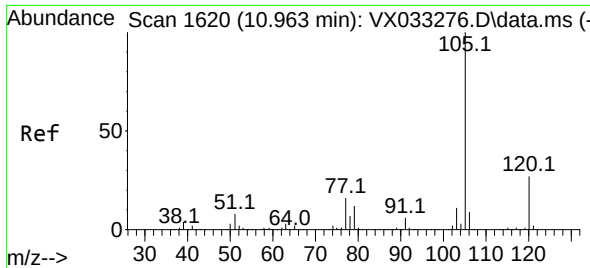
Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Tgt Ion:152 Resp: 101340  
 Ion Ratio Lower Upper  
 152 100  
 115 83.7 44.0 132.0  
 150 174.7 0.0 351.8

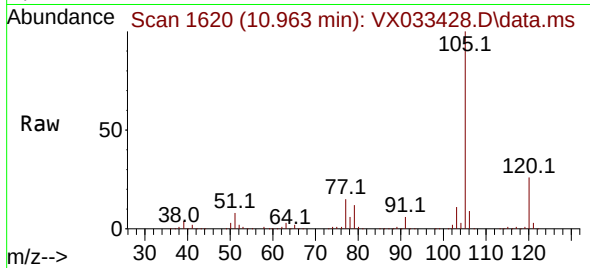






#73  
Isopropylbenzene  
Concen: 51.140 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

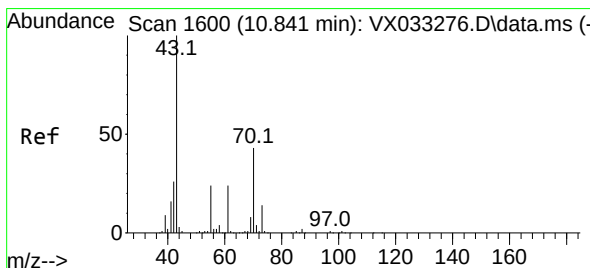
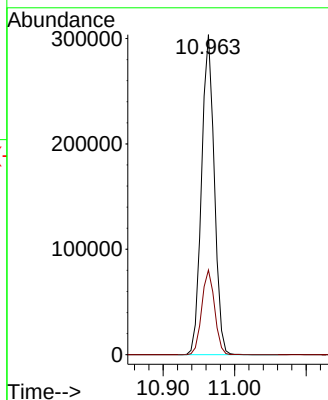
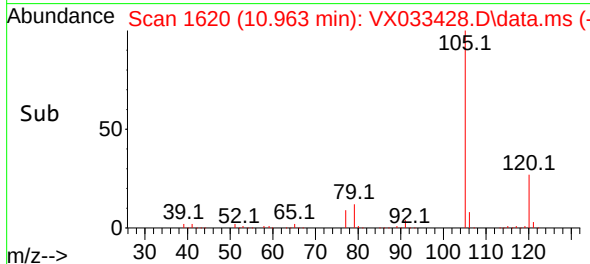
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



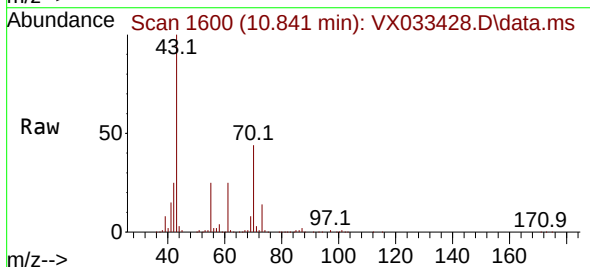
Tgt Ion:105 Resp: 37563  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.1 39.3

Manual Integrations  
APPROVED

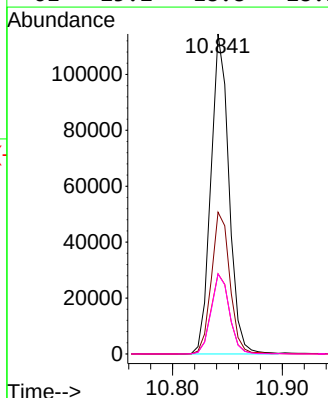
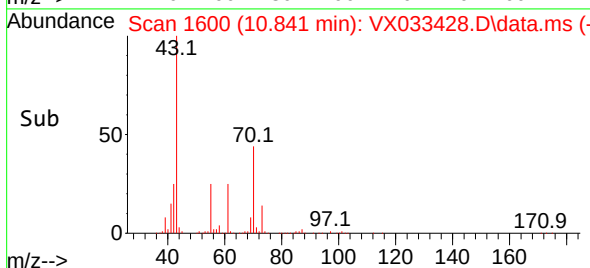
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022

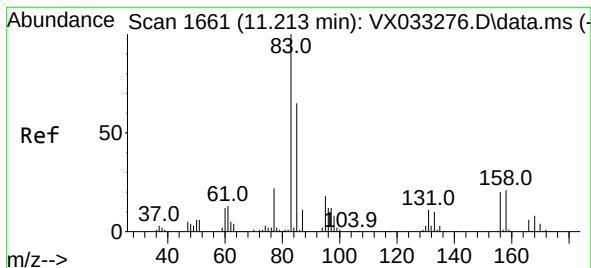


#74  
N-ethyl acetate  
Concen: 52.473 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58



Tgt Ion: 43 Resp: 131500  
Ion Ratio Lower Upper  
43 100  
70 45.3 33.6 50.4  
55 25.7 19.4 29.2  
61 25.2 18.8 28.2





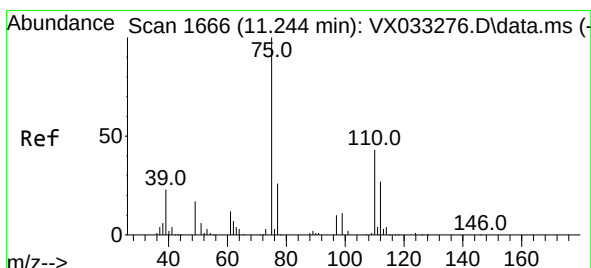
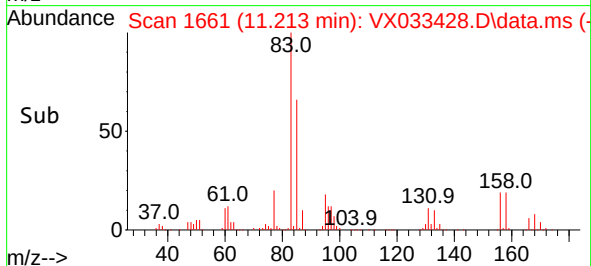
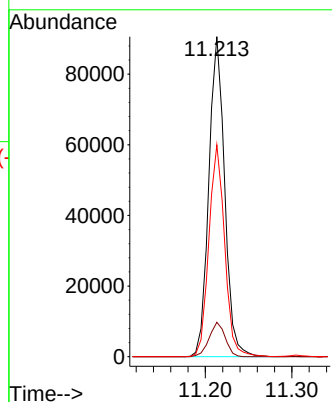
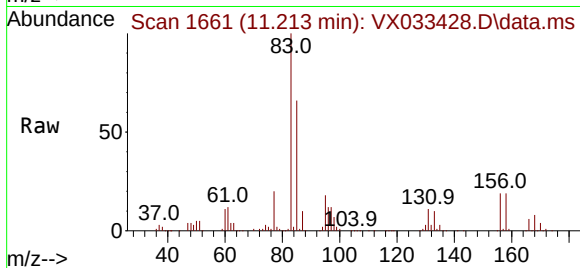
#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.437 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 115200  
Ion Ratio Lower Upper  
83 100  
131 10.9 5.4 16.2  
85 66.0 31.9 95.9

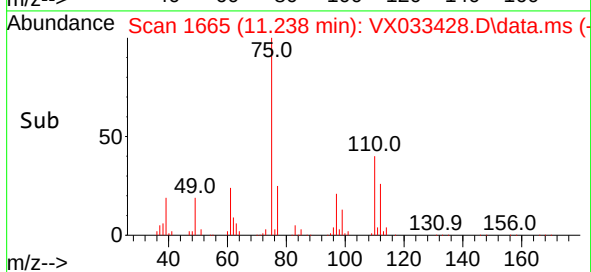
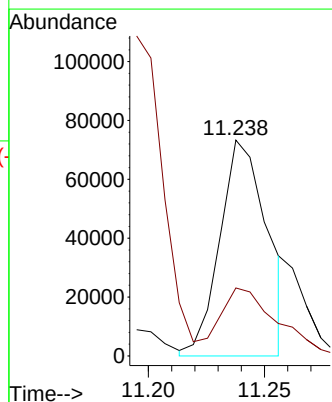
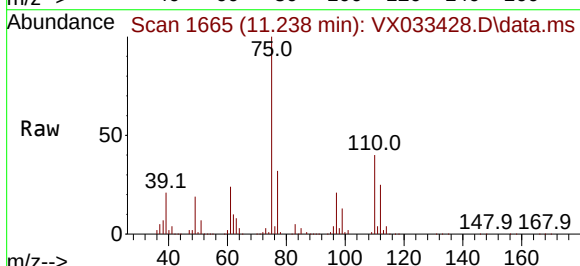
Manual Integrations  
APPROVED

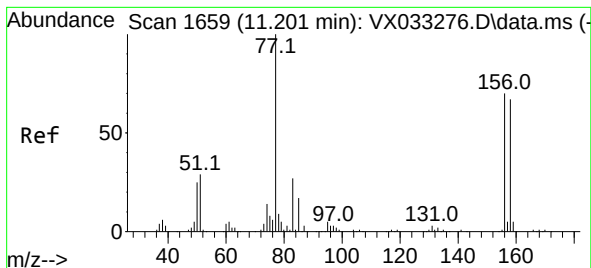
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#76  
1,2,3-Trichloropropane  
Concen: 50.317 ug/l m  
RT: 11.238 min Scan# 1665  
Delta R.T. -0.006 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Tgt Ion: 75 Resp: 103742  
Ion Ratio Lower Upper  
75 100  
77 38.6 20.0 60.0





#77

Bromobenzene

Concen: 50.705 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

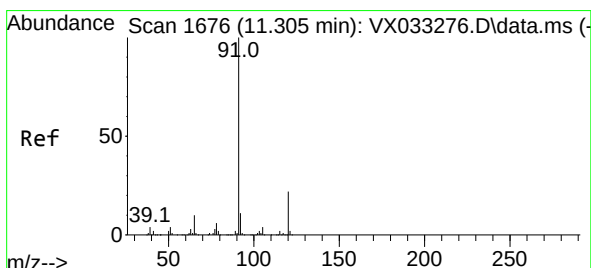
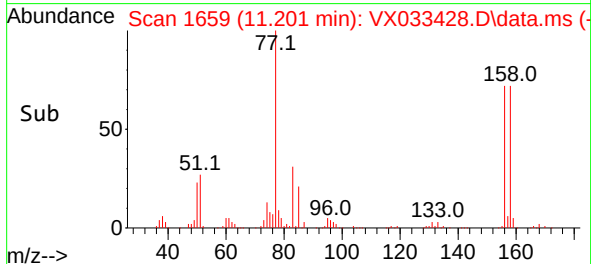
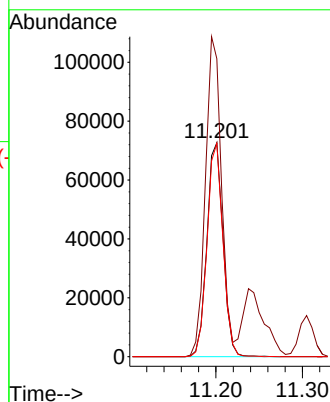
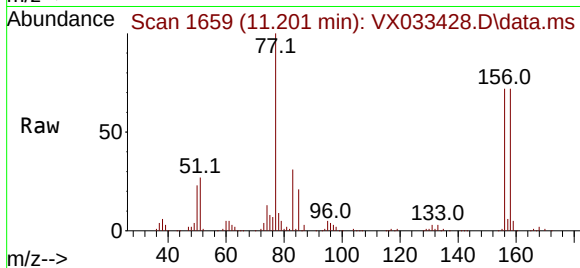
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 94048 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 148.3 | 76.1  | 228.4 |
| 158       | 98.0  | 48.8  | 146.3 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#78

n-propylbenzene

Concen: 52.099 ug/l

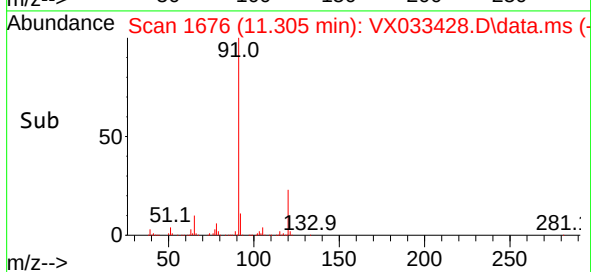
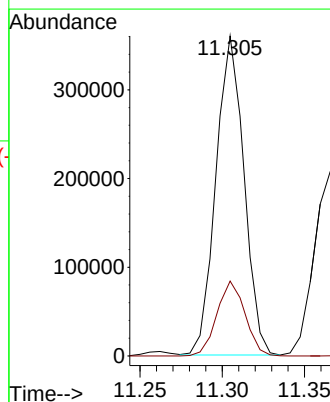
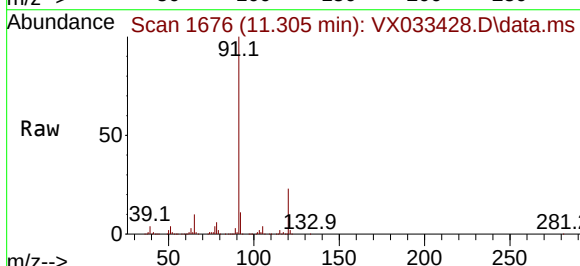
RT: 11.305 min Scan# 1676

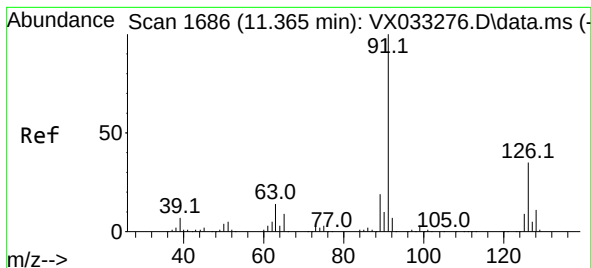
Delta R.T. 0.000 min

Lab File: VX033428.D

Acq: 14 Dec 2022 18:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 427297 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.5  | 11.6  | 34.8   |





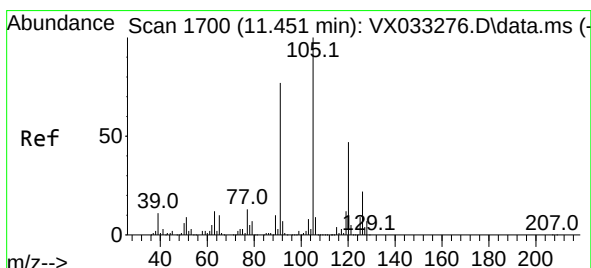
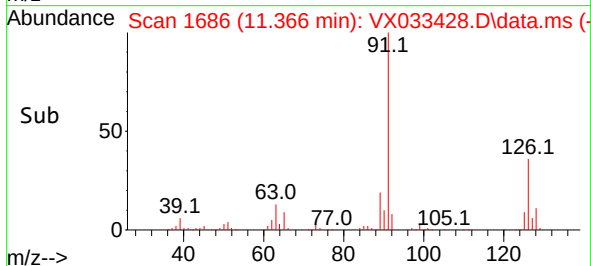
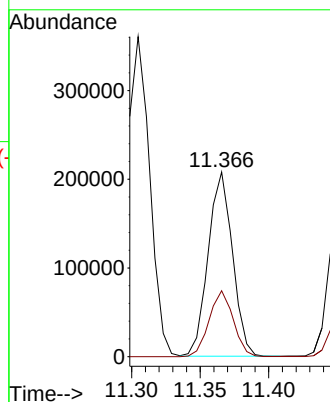
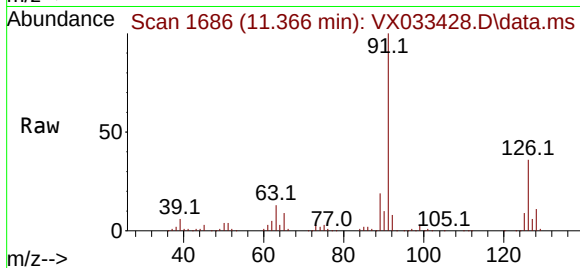
#79  
2-Chlorotoluene  
Concen: 50.519 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 91 Resp: 256064  
Ion Ratio Lower Upper  
91 100  
126 35.6 17.1 51.2

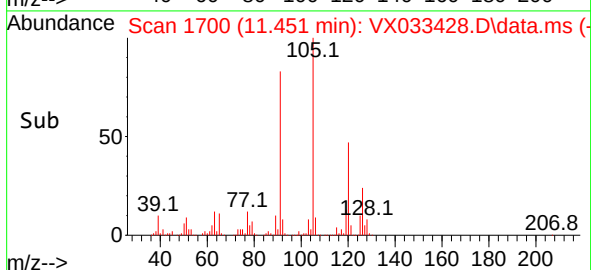
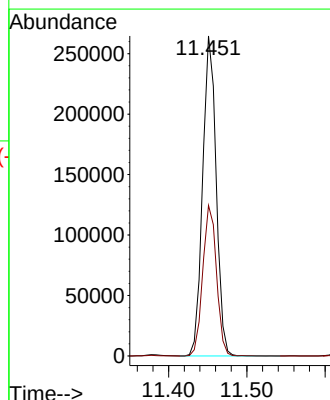
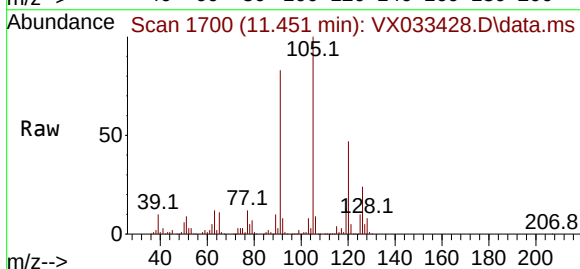
Manual Integrations  
APPROVED

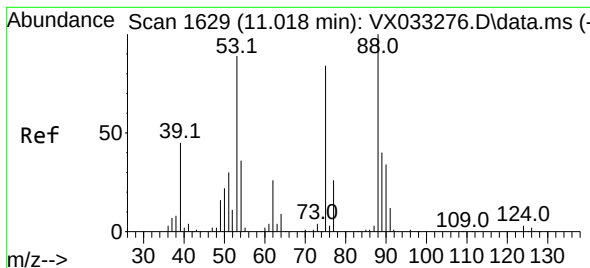
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#80  
1,3,5-Trimethylbenzene  
Concen: 51.851 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Tgt Ion:105 Resp: 317025  
Ion Ratio Lower Upper  
105 100  
120 47.8 23.6 71.0





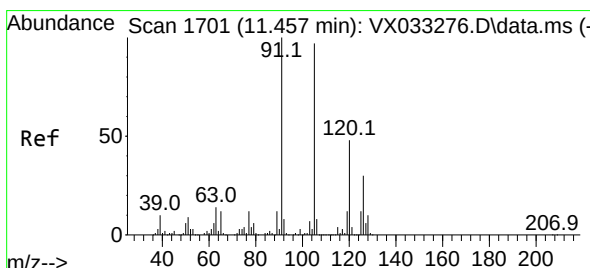
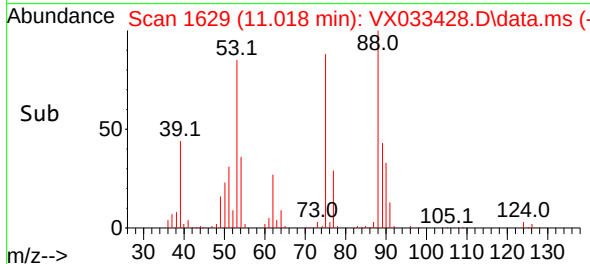
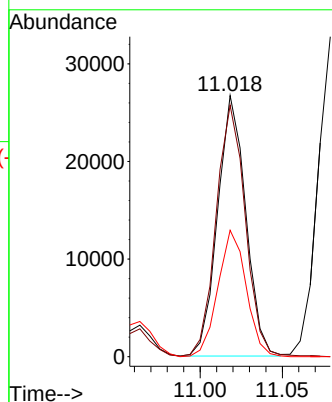
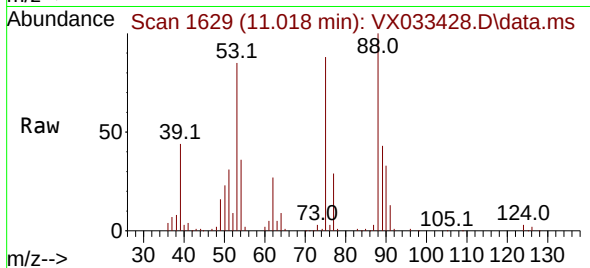
#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.960 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 75 Resp: 31788  
Ion Ratio Lower Upper  
75 100  
53 100.3 86.9 130.3  
89 48.8 38.3 57.5

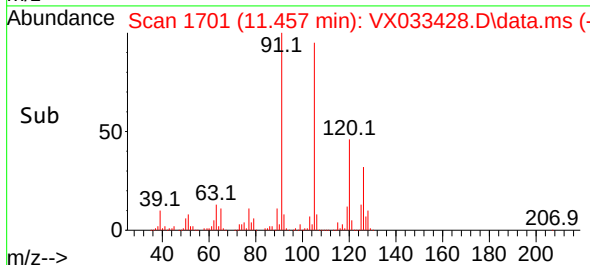
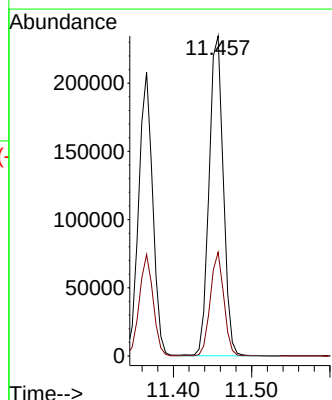
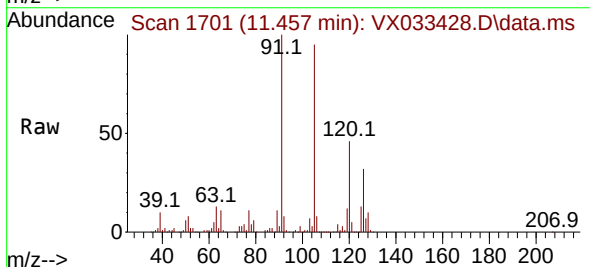
Manual Integrations  
APPROVED

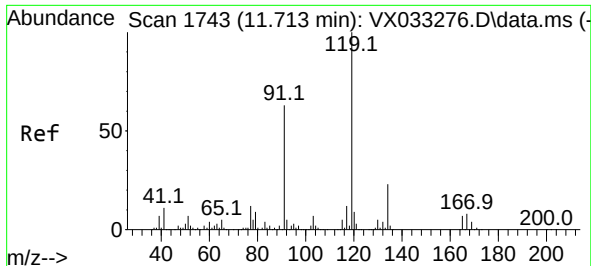
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#82  
4-Chlorotoluene  
Concen: 50.023 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

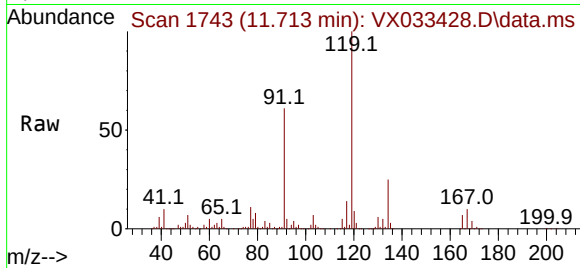
Tgt Ion: 91 Resp: 294825  
Ion Ratio Lower Upper  
91 100  
126 31.0 14.8 44.4





#83  
tert-Butylbenzene  
Concen: 52.112 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

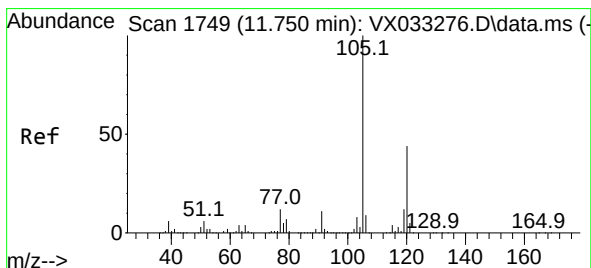
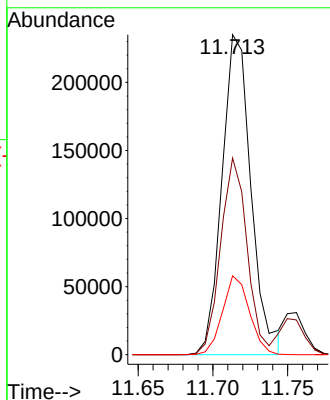
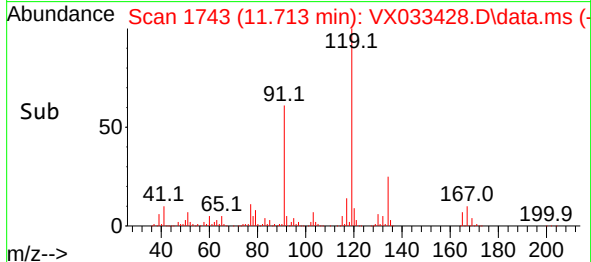
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



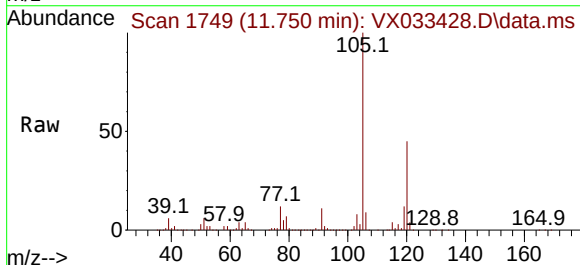
Tgt Ion:119 Resp: 31772  
Ion Ratio Lower Upper  
119 100  
91 56.0 29.4 88.2  
134 22.9 11.0 33.0

Manual Integrations  
APPROVED

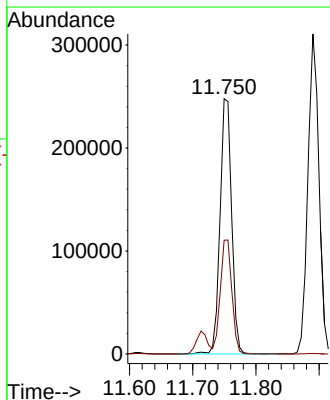
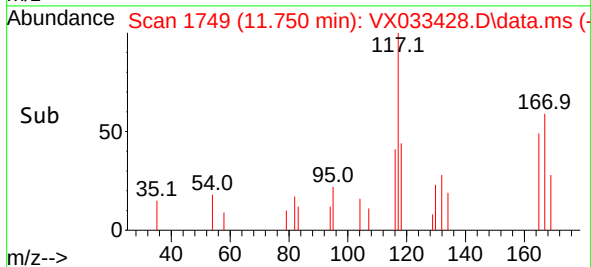
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022

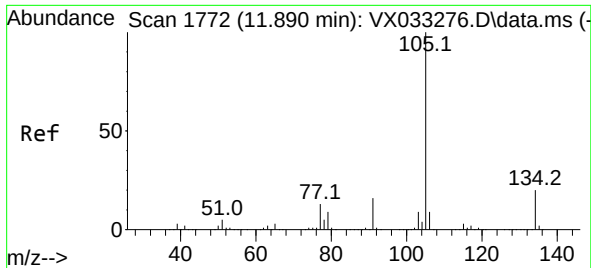


#84  
1,2,4-Trimethylbenzene  
Concen: 51.504 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58



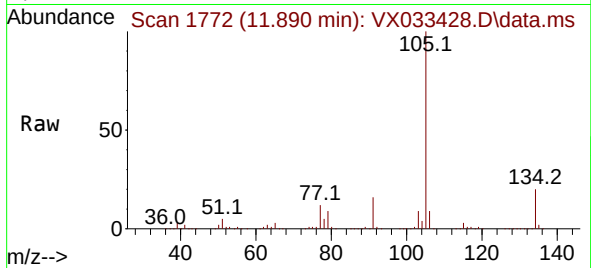
Tgt Ion:105 Resp: 314344  
Ion Ratio Lower Upper  
105 100  
120 44.3 21.9 65.5





#85  
 sec-Butylbenzene  
 Concen: 52.684 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX033428.D  
 Acq: 14 Dec 2022 18:58

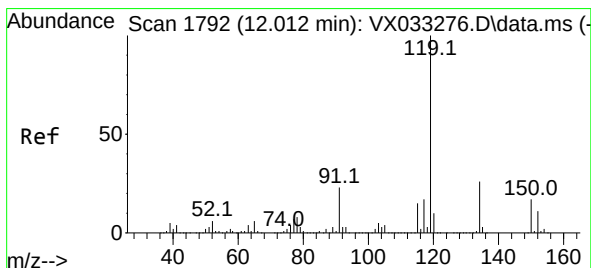
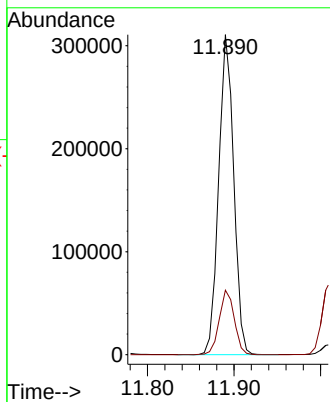
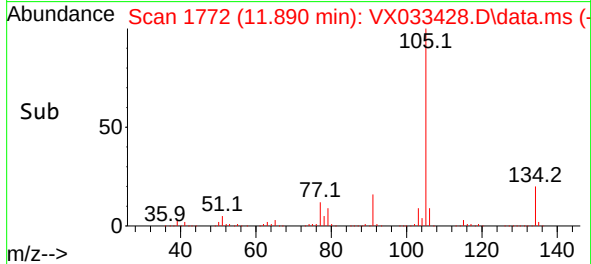
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC



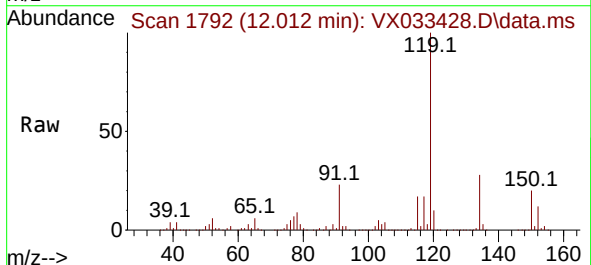
Tgt Ion:105 Resp: 374772  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 9.9 29.7

Manual Integrations  
 APPROVED

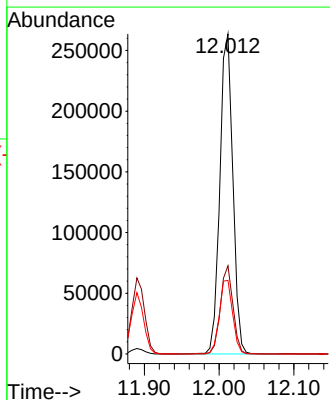
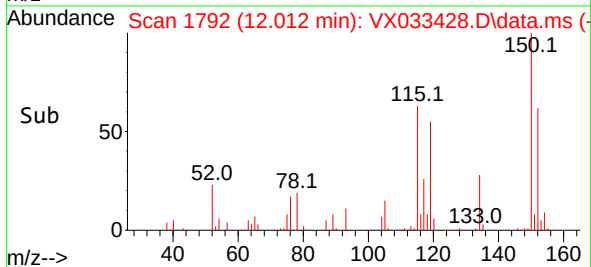
Reviewed By :John Carlone 12/15/2022  
 Supervised By :Mahesh Dadoda 12/15/2022

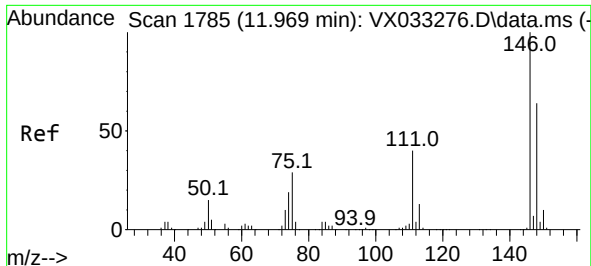


#86  
 p-Isopropyltoluene  
 Concen: 52.069 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX033428.D  
 Acq: 14 Dec 2022 18:58



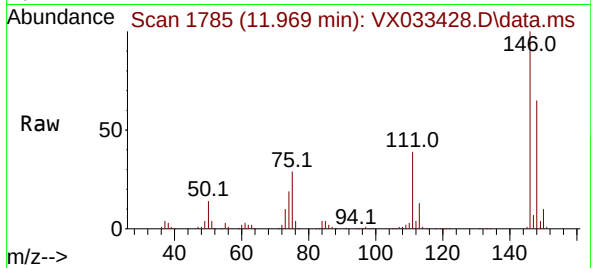
Tgt Ion:119 Resp: 319339  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 12.9 38.7  
 91 23.6 12.5 37.5





#87  
1,3-Dichlorobenzene  
Concen: 51.214 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

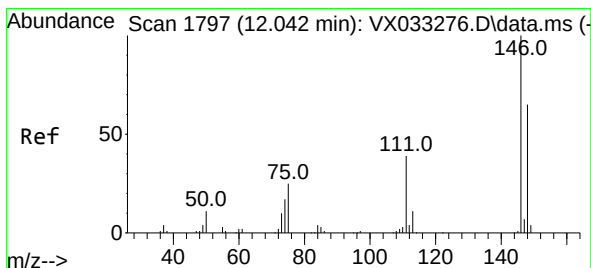
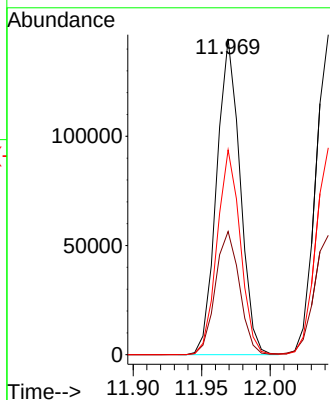
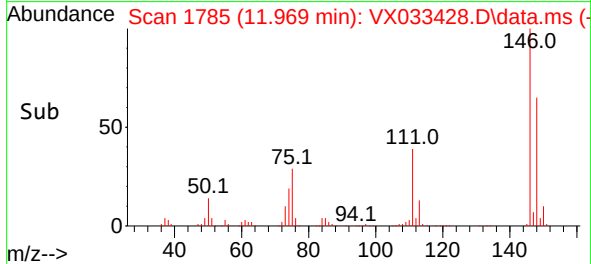
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



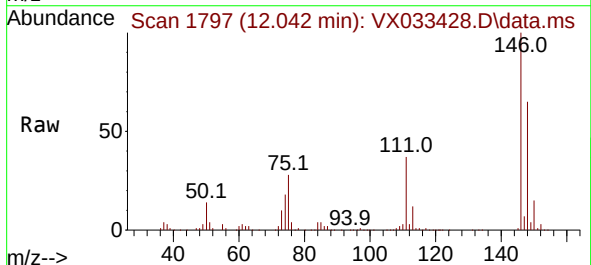
Tgt Ion:146 Resp: 172074  
Ion Ratio Lower Upper  
146 100  
111 40.3 20.6 61.8  
148 64.1 31.7 95.1

Manual Integrations  
APPROVED

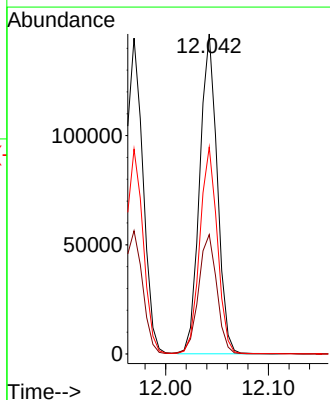
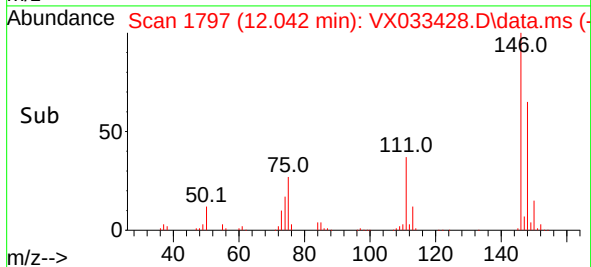
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



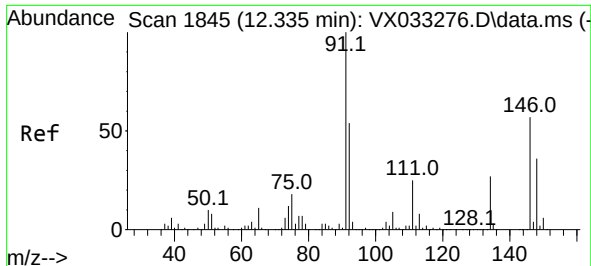
#88  
1,4-Dichlorobenzene  
Concen: 50.669 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58



Tgt Ion:146 Resp: 173894  
Ion Ratio Lower Upper  
146 100  
111 39.0 20.5 61.6  
148 65.2 32.2 96.6

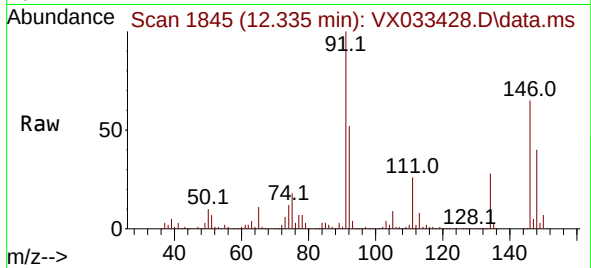






#89  
n-Butylbenzene  
Concen: 53.056 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

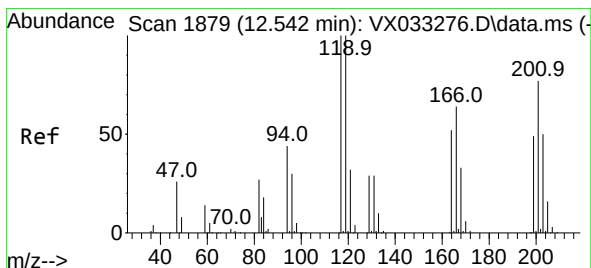
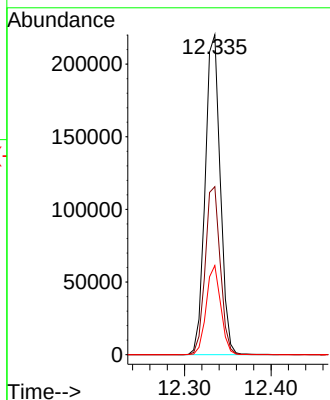
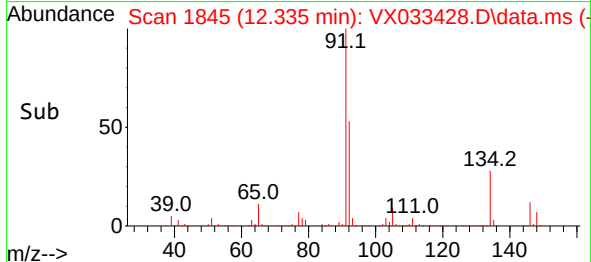
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



Tgt Ion: 91 Resp: 266512  
Ion Ratio Lower Upper  
91 100  
92 52.6 26.2 78.6  
134 26.9 12.9 38.6

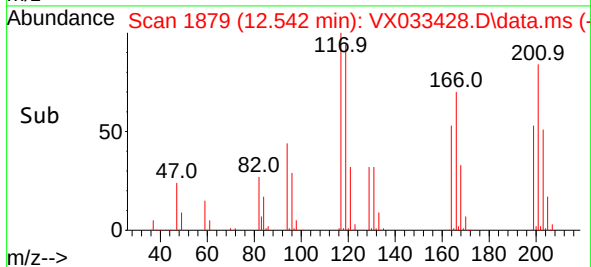
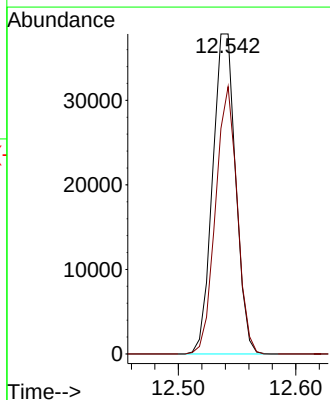
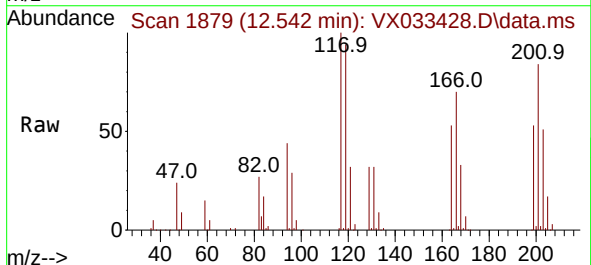
Manual Integrations  
APPROVED

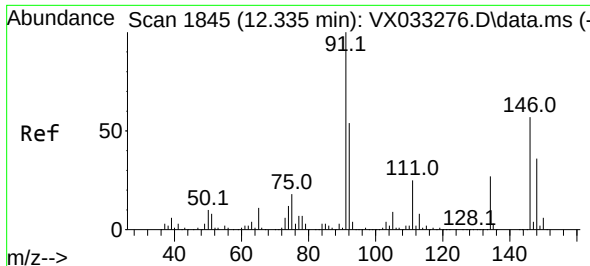
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#90  
Hexachloroethane  
Concen: 49.647 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

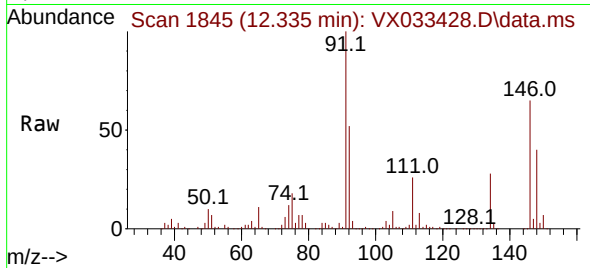
Tgt Ion:117 Resp: 51756  
Ion Ratio Lower Upper  
117 100  
201 78.4 37.6 112.9





#91  
1,2-Dichlorobenzene  
Concen: 51.004 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

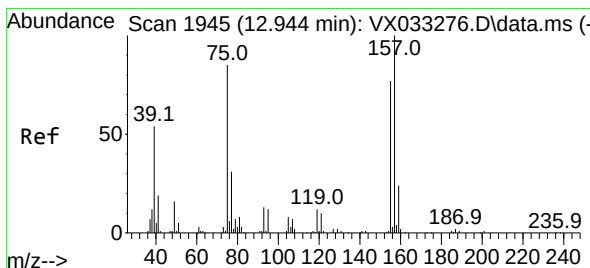
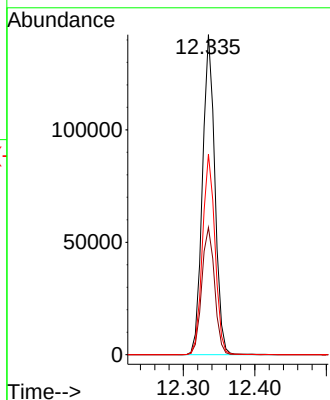
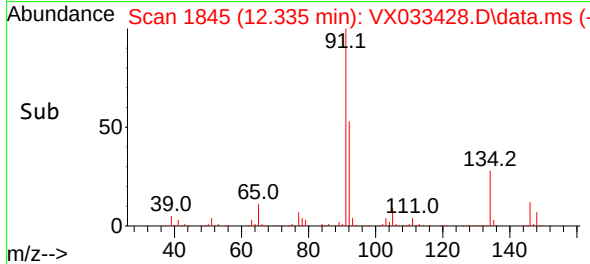
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



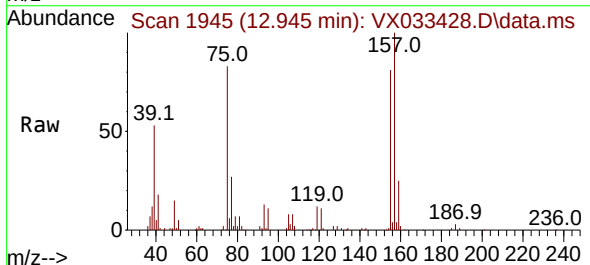
Tgt Ion:146 Resp: 171330  
Ion Ratio Lower Upper  
146 100  
111 41.1 21.5 64.5  
148 63.4 32.0 96.2

Manual Integrations  
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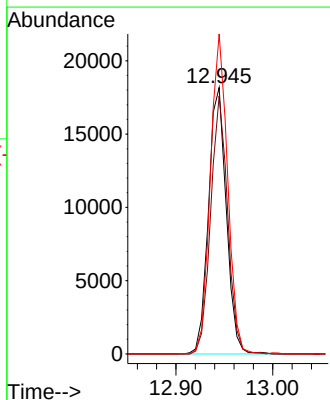
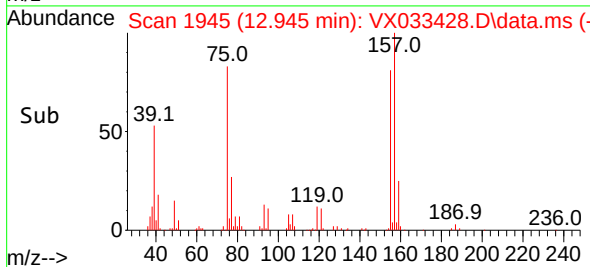
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022

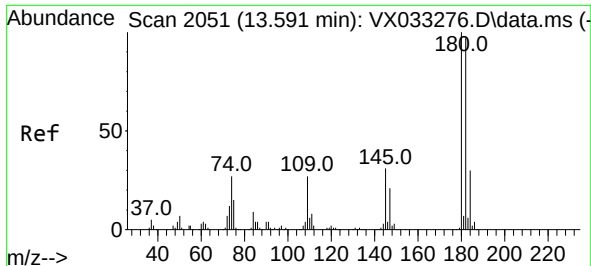


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 46.234 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58



Tgt Ion: 75 Resp: 23271  
Ion Ratio Lower Upper  
75 100  
155 92.2 41.6 124.8  
157 116.4 54.1 162.4





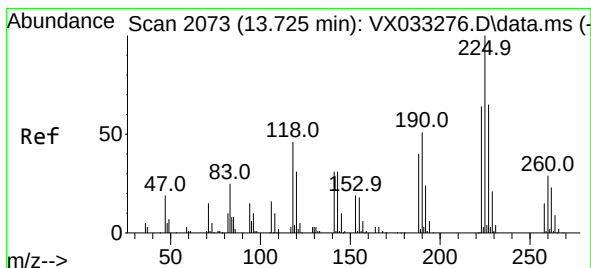
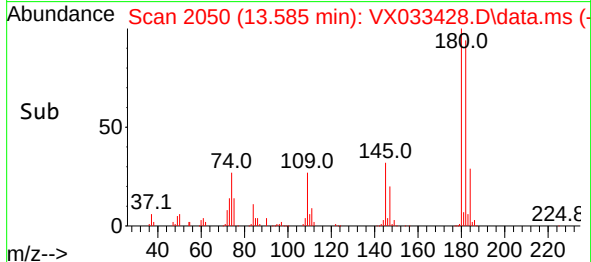
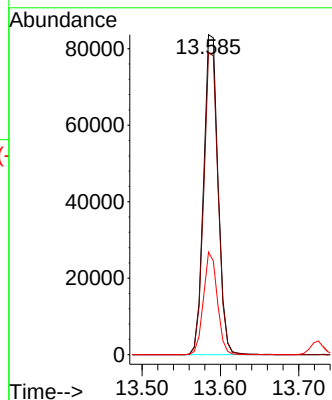
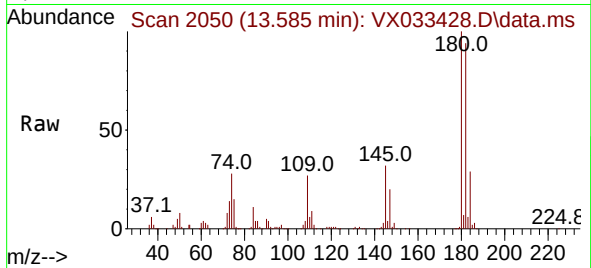
#93  
1,2,4-Trichlorobenzene  
Concen: 52.697 ug/l  
RT: 13.585 min Scan# 2050  
Delta R.T. -0.006 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:180 Resp: 10690  
Ion Ratio Lower Upper  
180 100  
182 94.1 48.4 145.0  
145 30.8 16.2 48.5

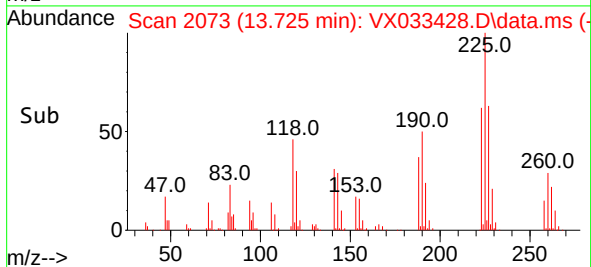
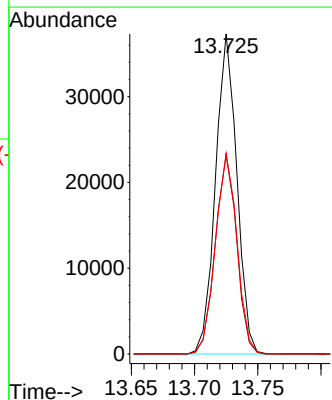
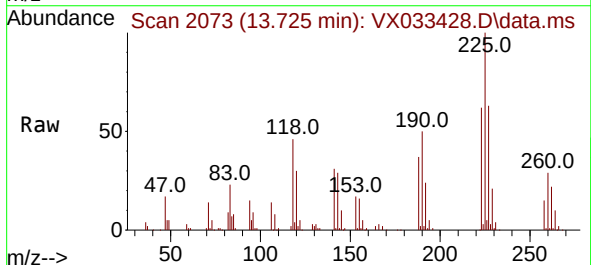
Manual Integrations  
APPROVED

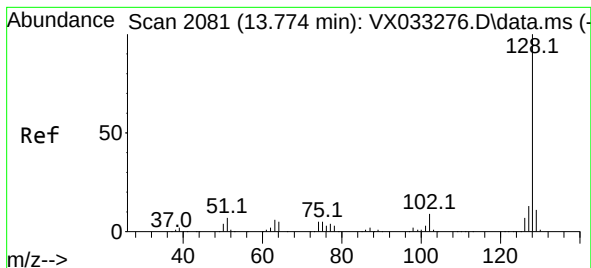
Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#94  
Hexachlorobutadiene  
Concen: 53.686 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

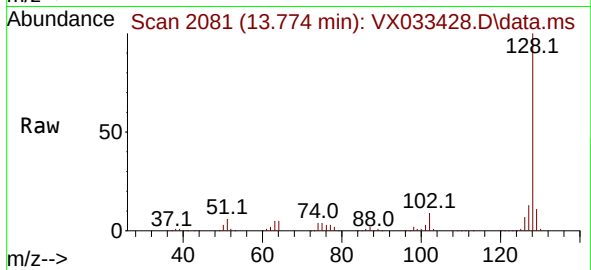
Tgt Ion:225 Resp: 43614  
Ion Ratio Lower Upper  
225 100  
223 62.4 31.9 95.9  
227 63.5 31.9 95.5





#95  
Naphthalene  
Concen: 52.733 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58

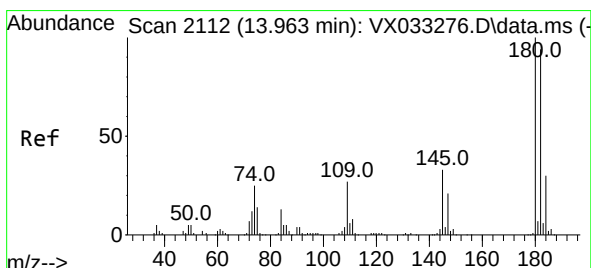
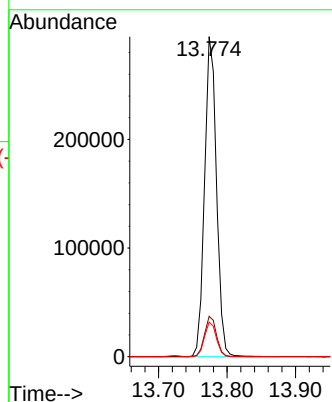
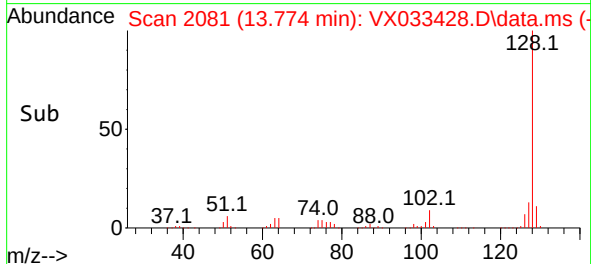
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC



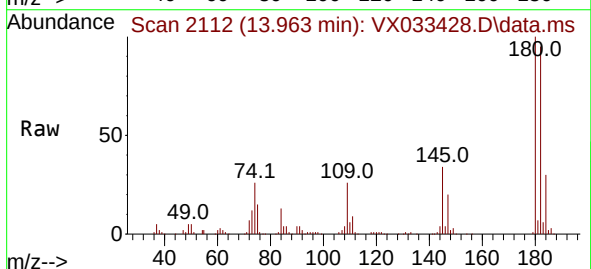
Tgt Ion:128 Resp: 356850  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.4  
129 10.8 8.9 13.3

Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/15/2022  
Supervised By :Mahesh Dadoda 12/15/2022



#96  
1,2,3-Trichlorobenzene  
Concen: 51.722 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX033428.D  
Acq: 14 Dec 2022 18:58



Tgt Ion:180 Resp: 106272  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.5 142.6  
145 33.4 16.9 50.6

